

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
 Data File : BF108285.D
 Acq On : 20 Aug 2018 13:05
 Operator : JU/SJ
 Sample : PB112152BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112152BS

Quant Time: Aug 21 18:36:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 15:20:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	161558	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	652186	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	333999	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	686626	20.00	ng	0.00
75) Chrysene-d12	14.22	240	545887	20.00	ng	0.00
86) Perylene-d12	15.78	264	397434	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	1193432	133.74	ng	0.03
7) Phenol-d6	6.65	99	1595845	134.58	ng	0.02
23) Nitrobenzene-d5	7.58	82	1040942	89.06	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	505103	151.61	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1983566	95.35	ng	0.00
78) Terphenyl-d14	13.15	244	2364921	110.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.03	88	180654	39.399	ng	90
3) Pyridine	3.77	79	506192	42.855	ng	90
4) n-Nitrosodimethylamine	3.74	42	269111	40.490	ng	# 85
6) Aniline	6.68	93	556187	34.482	ng	97
8) 2-Chlorophenol	6.81	128	498038	49.554	ng	98
9) Benzaldehyde	6.57	77	221376	24.079	ng	97
10) Phenol	6.66	94	623165	50.804	ng	95
11) bis(2-Chloroethyl)ether	6.75	93	474858	47.885	ng	91
12) 1,3-Dichlorobenzene	6.96	146	549723	47.305	ng	99
13) 1,4-Dichlorobenzene	7.04	146	553822	47.434	ng	97
14) 1,2-Dichlorobenzene	7.19	146	519528	47.837	ng	97
15) Benzyl Alcohol	7.15	79	426522	42.725	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	882770	43.212	ng	99
17) 2-Methylphenol	7.26	107	450084	52.221	ng	94
18) Hexachloroethane	7.53	117	199271	47.939	ng	88
19) n-Nitroso-di-n-propylamine	7.42	70	368361	45.936	ng	92
20) 3+4-Methylphenols	7.41	107	534917	48.432	ng	# 84
22) Acetophenone	7.42	105	704065	46.169	ng	# 94
24) Nitrobenzene	7.60	77	547408	46.317	ng	97
25) Isophorone	7.84	82	1018861	45.736	ng	98
26) 2-Nitrophenol	7.91	139	243550	54.567	ng	92
27) 2,4-Dimethylphenol	7.94	122	478430	48.389	ng	98
28) bis(2-Chloroethoxy)methane	8.04	93	612786	47.120	ng	99
29) 2,4-Dichlorophenol	8.15	162	451463	49.618	ng	99
30) 1,2,4-Trichlorobenzene	8.24	180	475381	47.387	ng	97
31) Naphthalene	8.32	128	1442157	48.623	ng	99
32) Benzoic acid	8.07	122	204712	37.213	ng	94
33) 4-Chloroaniline	8.37	127	388701	30.072	ng	98
34) Hexachlorobutadiene	8.43	225	300631	47.338	ng	99
35) Caprolactam	8.74	113	80235	28.139	ng	# 87
36) 4-Chloro-3-methylphenol	8.85	107	467717	47.650	ng	98
37) 2-Methylnaphthalene	9.01	142	1014076	48.324	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	501234	48.869	ng	98
40) Hexachlorocyclopentadiene	9.17	237	525903	79.382	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
 Data File : BF108285.D
 Acq On : 20 Aug 2018 13:05
 Operator : JU/SJ
 Sample : PB112152BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112152BS

Quant Time: Aug 21 18:36:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 15:20:21 2018
 Response via : Initial Calibration

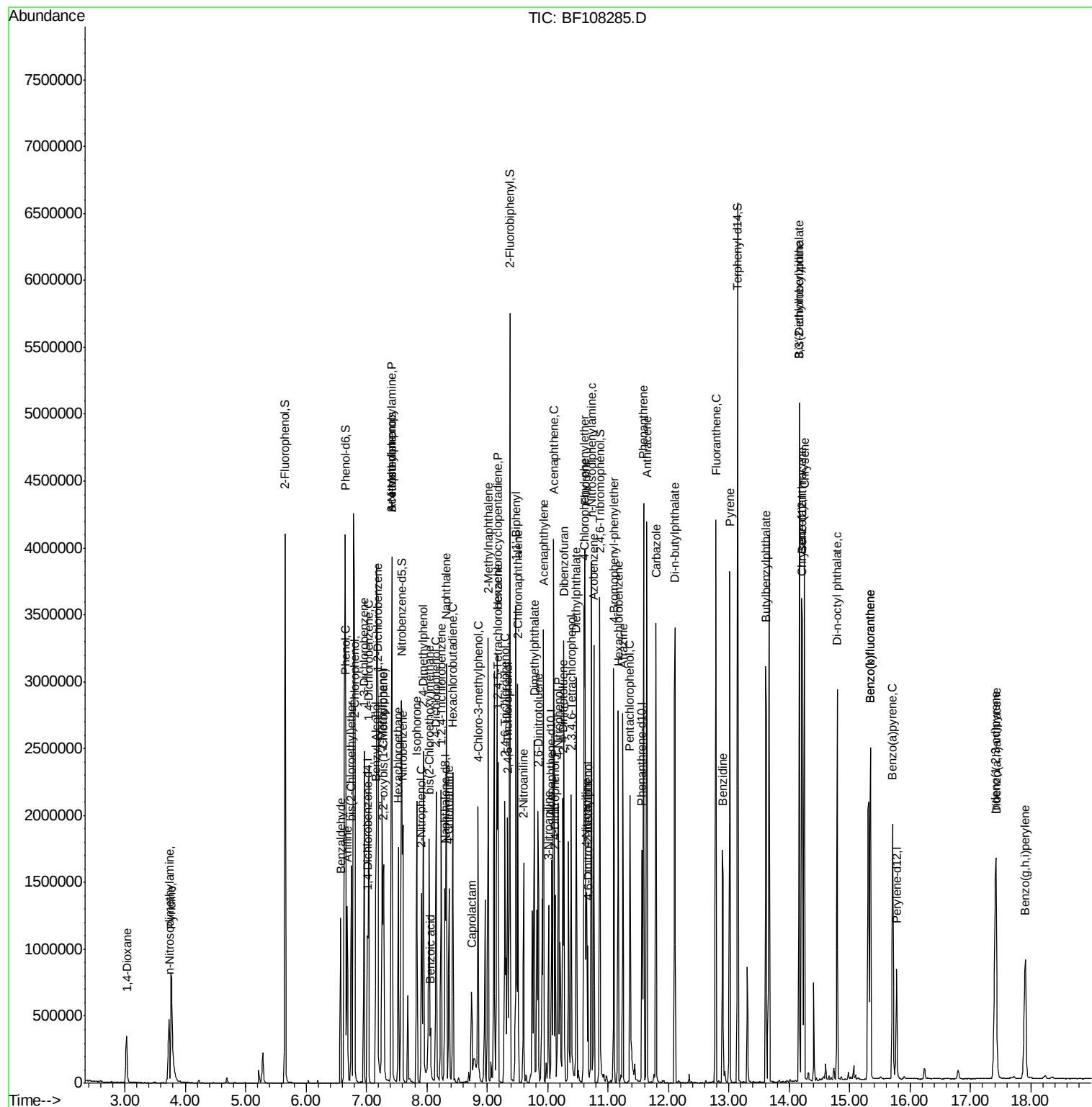
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	330465	51.920	ng	100
43) 2,4,5-Trichlorophenol	9.34	196	362648	51.758	ng	94
45) 1,1'-Biphenyl	9.48	154	1216278	49.391	ng	99
46) 2-Chloronaphthalene	9.51	162	958484	49.246	ng	99
47) 2-Nitroaniline	9.60	65	320369	50.872	ng	85
48) Acenaphthylene	9.93	152	1525680	49.583	ng	99
49) Dimethylphthalate	9.78	163	1131284	48.624	ng	# 99
50) 2,6-Dinitrotoluene	9.84	165	249893	51.337	ng	90
51) Acenaphthene	10.10	154	903861	47.959	ng	99
52) 3-Nitroaniline	10.02	138	197502	37.084	ng	98
53) 2,4-Dinitrophenol	10.12	184	180060	97.189	ng	# 20
54) Dibenzofuran	10.27	168	1323801	48.483	ng	95
55) 4-Nitrophenol	10.18	139	374260	92.800	ng	84
56) 2,4-Dinitrotoluene	10.25	165	340966	54.419	ng	# 99
57) Fluorene	10.62	166	1055137	48.816	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.39	232	306698	52.371	ng	# 85
59) Diethylphthalate	10.48	149	1085966	48.203	ng	95
60) 4-Chlorophenyl-phenylether	10.60	204	542365	48.156	ng	94
61) 4-Nitroaniline	10.64	138	267985	50.894	ng	95
62) Azobenzene	10.77	77	1099747	47.268	ng	93
64) 4,6-Dinitro-2-methylphenol	10.67	198	125307	48.541	ng	82
65) n-Nitrosodiphenylamine	10.72	169	958674	47.248	ng	98
66) 4-Bromophenyl-phenylether	11.10	248	361265	48.415	ng	# 88
67) Hexachlorobenzene	11.17	284	372683	47.469	ng	# 89
68) Atrazine	11.25	200	329016	48.345	ng	96
69) Pentachlorophenol	11.37	266	366521	97.536	ng	97
70) Phenanthrene	11.59	178	1549049	47.831	ng	99
71) Anthracene	11.64	178	1592674	47.982	ng	98
72) Carbazole	11.80	167	1425099	48.323	ng	99
73) Di-n-butylphthalate	12.11	149	1678696	50.254	ng	99
74) Fluoranthene	12.78	202	1714591	48.510	ng	95
76) Benzidine	12.90	184	720102	35.307	ng	99
77) Pyrene	13.02	202	1709433	49.462	ng	99
79) Butylbenzylphthalate	13.61	149	721173	52.551	ng	95
80) Benzo(a)anthracene	14.21	228	1500445	47.894	ng	97
81) 3,3'-Dichlorobenzidine	14.17	252	376152	33.503	ng	# 97
82) Chrysene	14.25	228	1364763	47.517	ng	97
83) Bis(2-ethylhexyl)phthalate	14.17	149	923837	49.712	ng	100
84) Di-n-octyl phthalate	14.79	149	1453570	51.286	ng	97
85) Indeno(1,2,3-cd)pyrene	17.41	276	1045850	42.026	ng	# 91
87) Benzo(b)fluoranthene	15.34	252	1144628	48.198	ng	96
88) Benzo(k)fluoranthene	15.34	252	1144628	52.433	ng	# 96
89) Benzo(a)pyrene	15.71	252	1081735	50.867	ng	97
90) Dibenzo(a,h)anthracene	17.42	278	866002	49.217	ng	# 94
91) Benzo(g,h,i)perylene	17.91	276	866463	50.009	ng	# 90

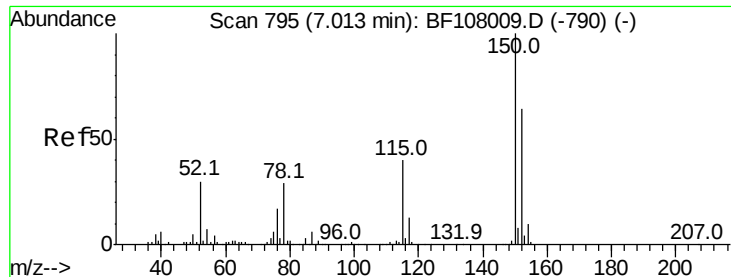
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108285.D
Acq On : 20 Aug 2018 13:05
Operator : JU/SJ
Sample : PB112152BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112152BS

Quant Time: Aug 21 18:36:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 15:20:21 2018
Response via : Initial Calibration



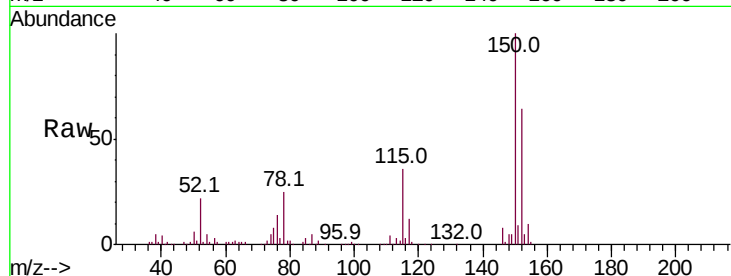


#1

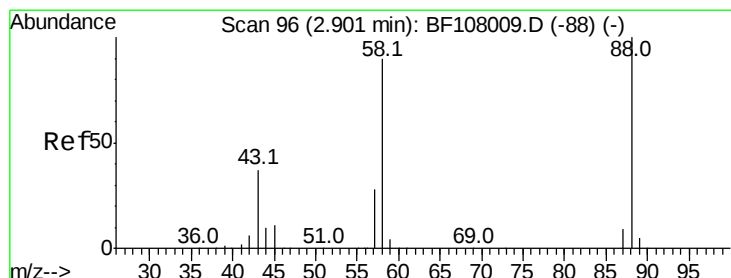
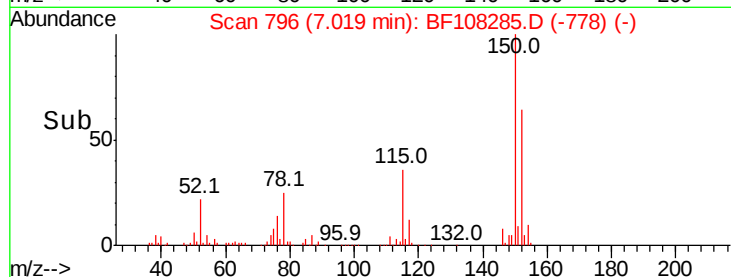
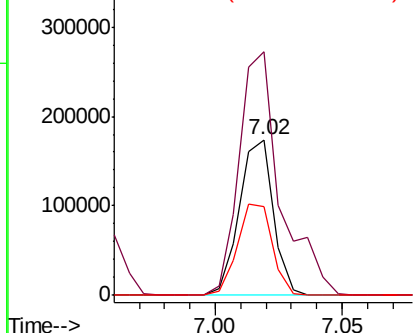
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Instrument :
BNA_F
ClientSampleId :
PB112152BS

Tot Ion:152 Resp: 161558
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 57.1 50.1 75.1



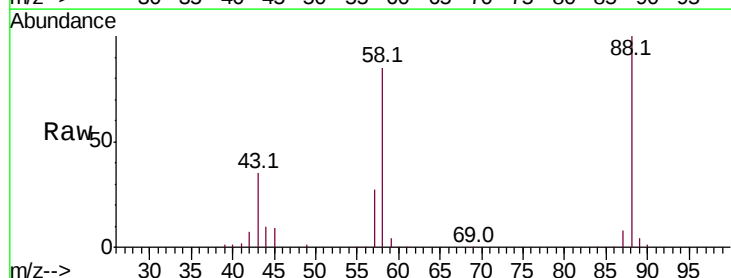
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



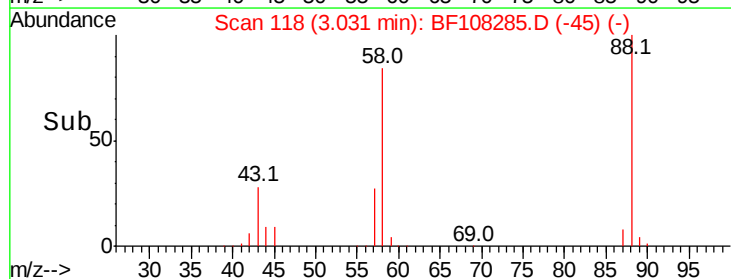
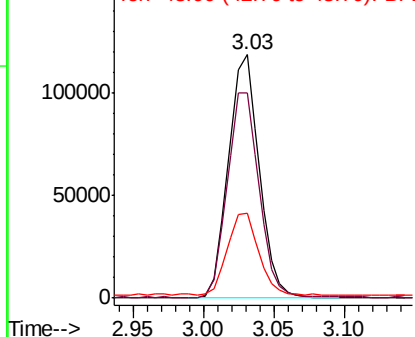
#2

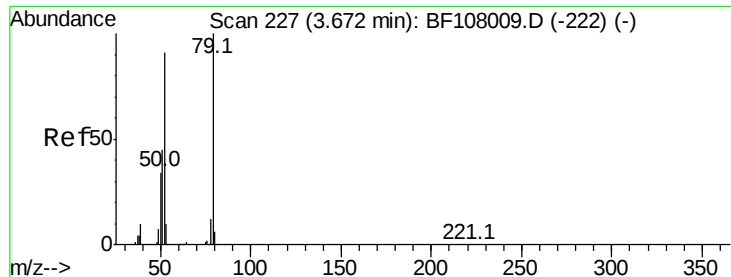
1,4-Dioxane
Concen: 39.399 ng
RT: 3.03 min Scan# 118
Delta R.T. 0.13 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tgt Ion: 88 Resp: 180654
Ion Ratio Lower Upper
88 100
58 87.7 62.6 93.8
43 34.5 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 42.855 ng

RT: 3.77 min Scan# 243

Delta R.T. 0.09 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Instrument :

BNA_F

ClientSampleId :

PB112152BS

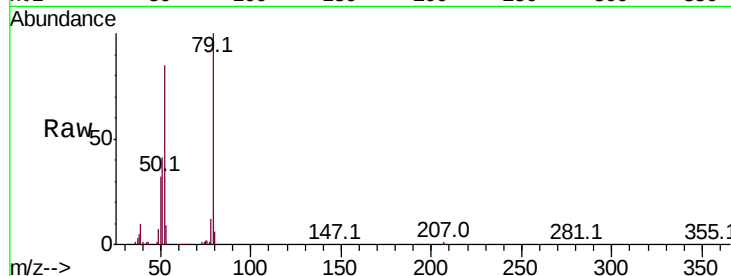
Tot Ion: 79 Resp: 506192

Ion Ratio Lower Upper

79 100

52 84.6 59.8 89.6

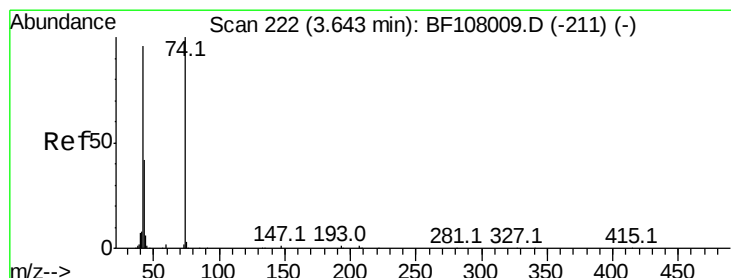
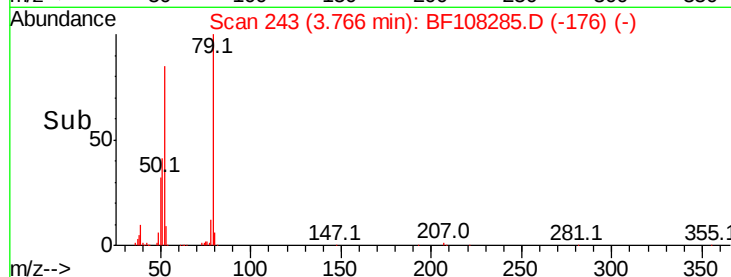
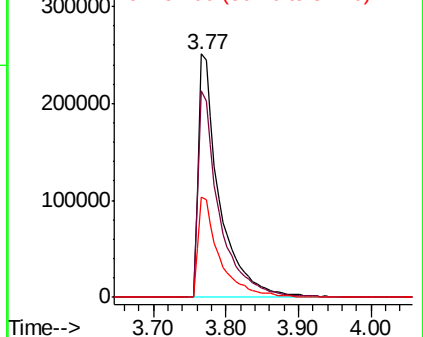
51 41.4 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.490 ng

RT: 3.74 min Scan# 238

Delta R.T. 0.09 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

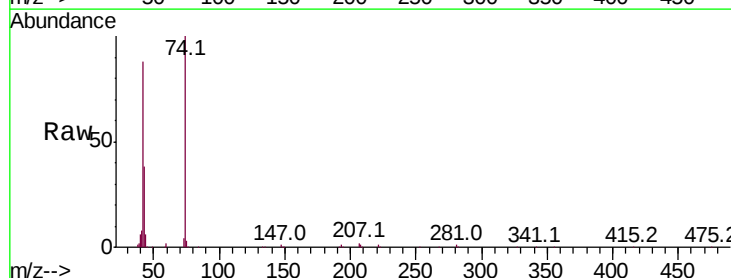
Tgt Ion: 42 Resp: 269111

Ion Ratio Lower Upper

42 100

74 113.3 104.9 157.3

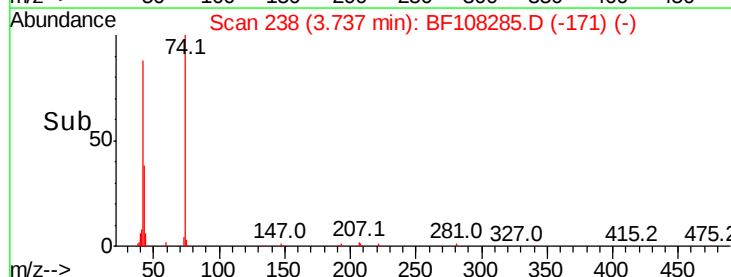
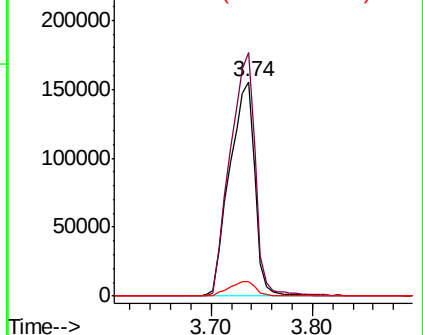
44 6.7 6.9 10.3#

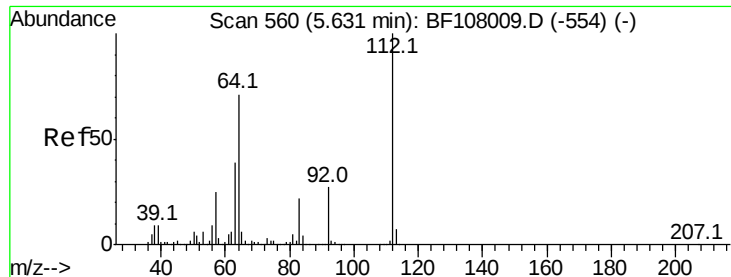


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 133.739 ng

RT: 5.66 min Scan# 565

Delta R.T. 0.03 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Instrument :

BNA_F

ClientSampleId :

PB112152BS

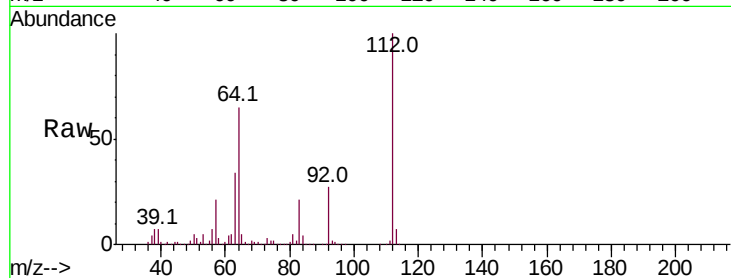
Tot Ion:112 Resp: 1193432

Ion Ratio Lower Upper

112 100

64 64.9 47.9 71.9

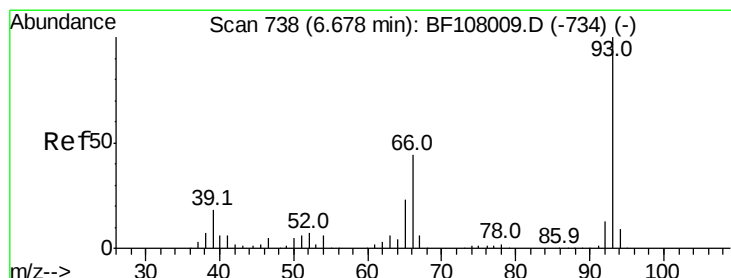
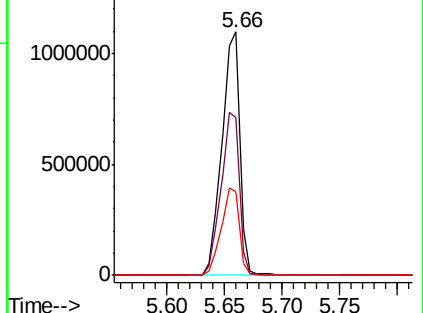
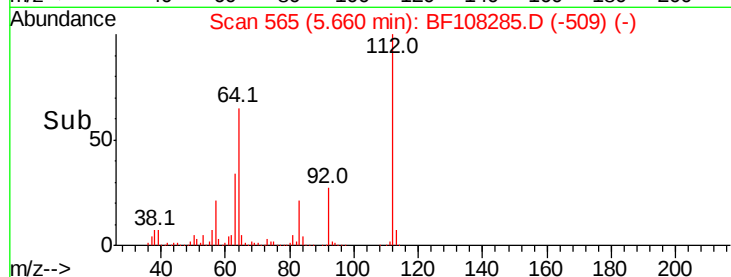
63 34.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.482 ng

RT: 6.68 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

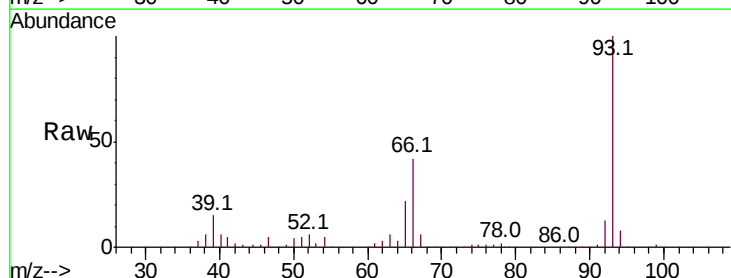
Tgt Ion: 93 Resp: 556187

Ion Ratio Lower Upper

93 100

66 41.9 32.2 48.2

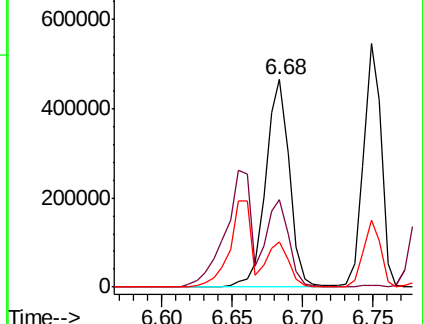
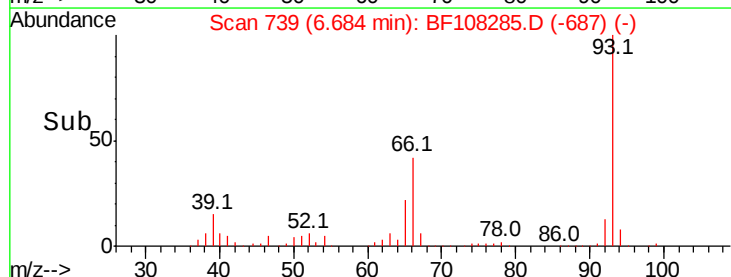
65 22.0 16.4 24.6

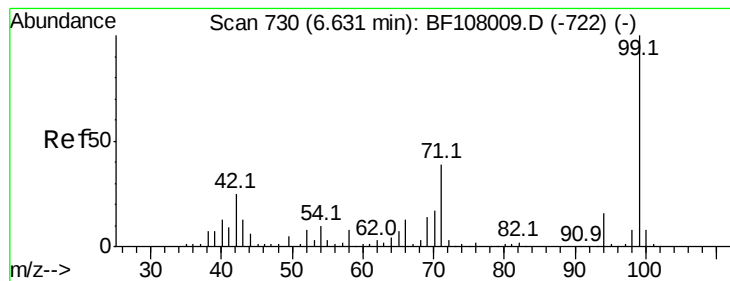


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 134.576 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Instrument :

BNA_F

ClientSampleId :

PB112152BS

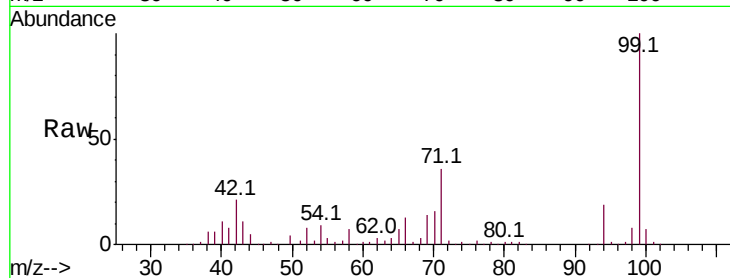
Tot Ion: 99 Resp: 1595845

Ion Ratio Lower Upper

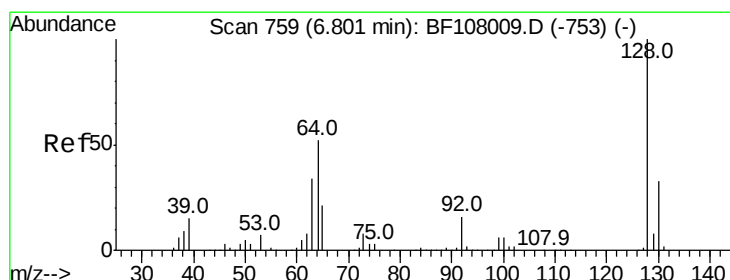
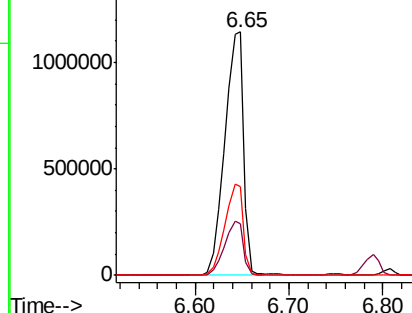
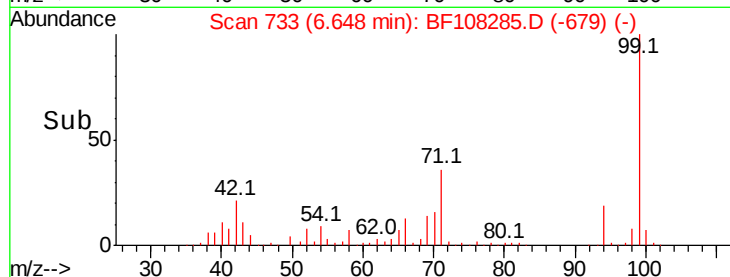
99 100

42 21.4 14.5 21.7

71 36.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 49.554 ng

RT: 6.81 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

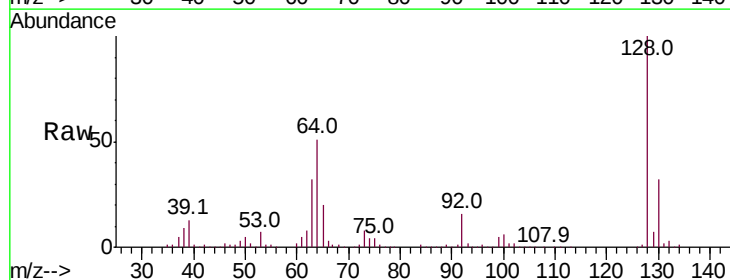
Tgt Ion:128 Resp: 498038

Ion Ratio Lower Upper

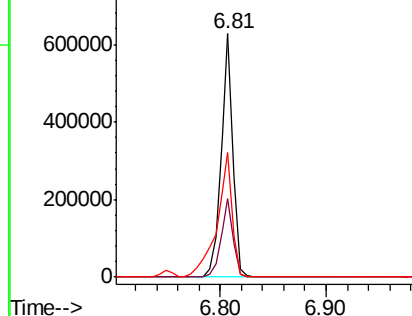
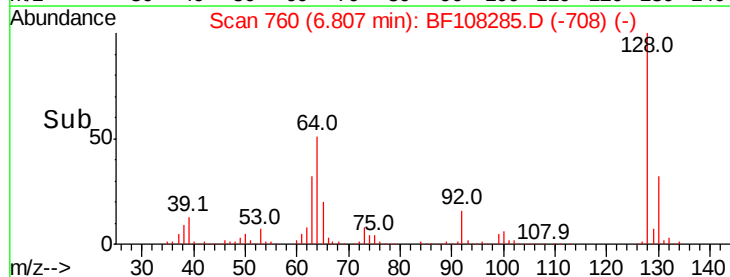
128 100

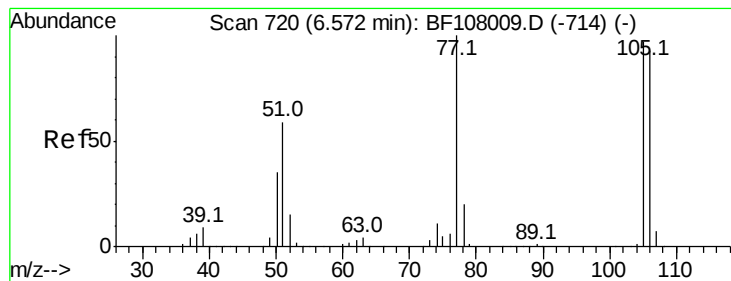
130 32.2 13.0 53.0

64 51.4 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 24.079 ng

RT: 6.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Instrument :

BNA_F

ClientSampleId :

PB112152BS

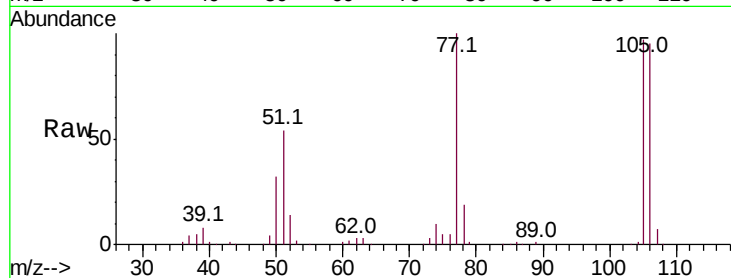
Tot Ion: 77 Resp: 221376

Ion Ratio Lower Upper

77 100

105 96.8 81.1 121.1

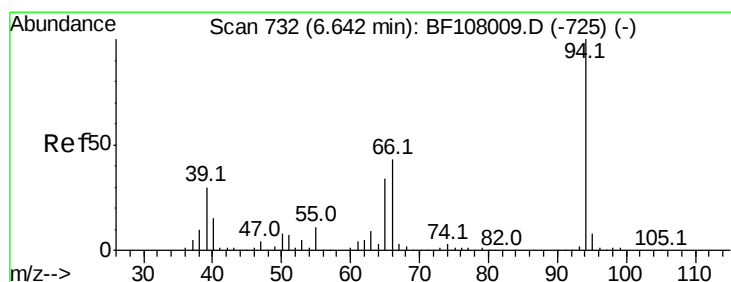
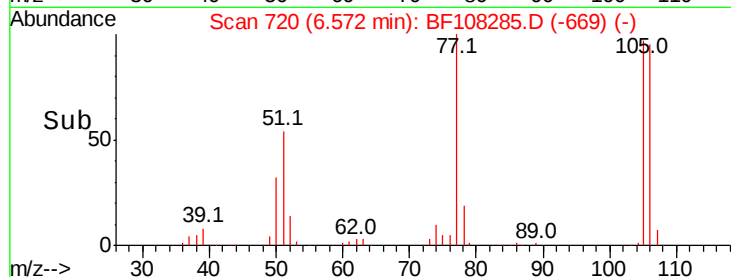
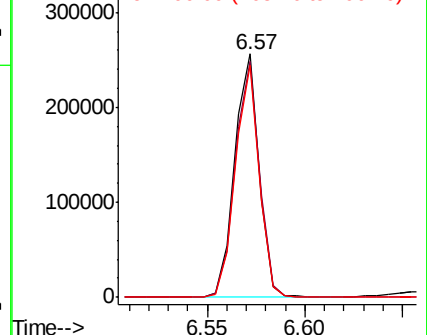
106 95.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 50.804 ng

RT: 6.66 min Scan# 735

Delta R.T. 0.02 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

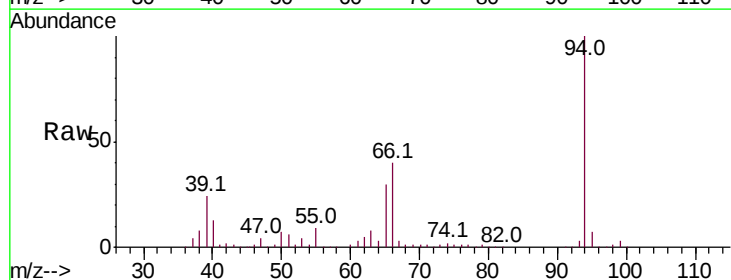
Tgt Ion: 94 Resp: 623165

Ion Ratio Lower Upper

94 100

65 30.3 7.9 47.9

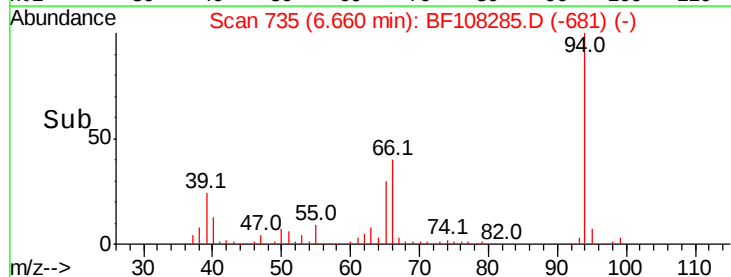
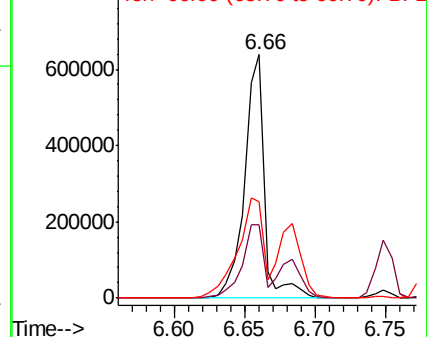
66 39.7 16.2 56.2

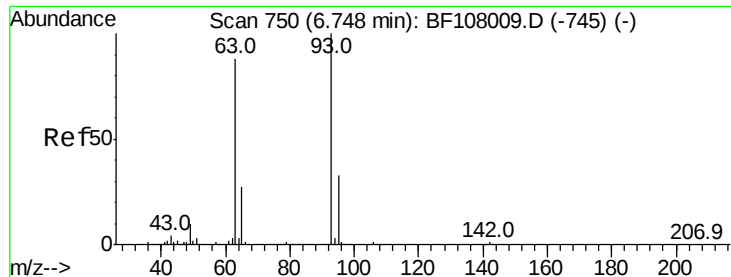


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

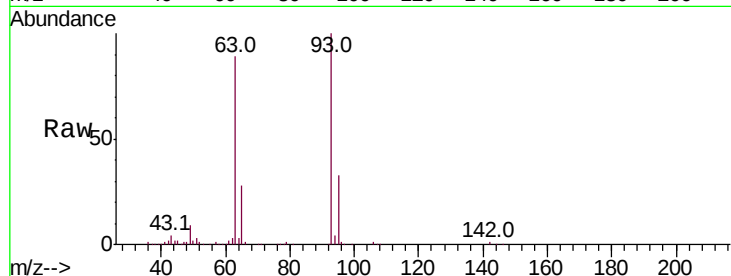




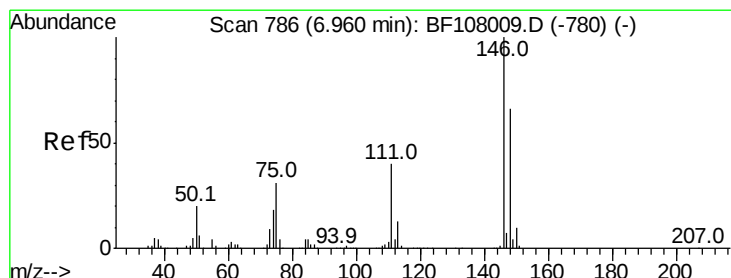
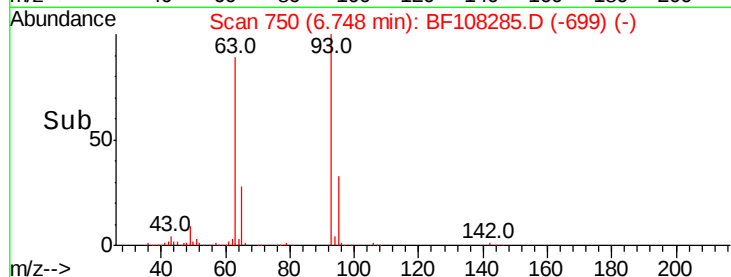
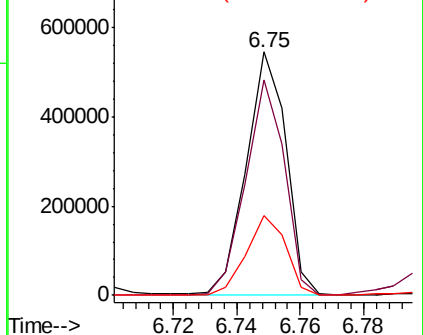
#11
bis(2-Chloroethyl)ether
Concen: 47.885 ng
RT: 6.75 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Instrument :
BNA_F
ClientSampleId :
PB112152BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.5	58.6	98.6
95	33.0	11.8	51.8

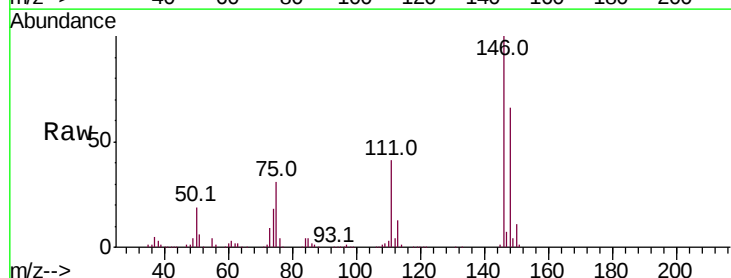


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

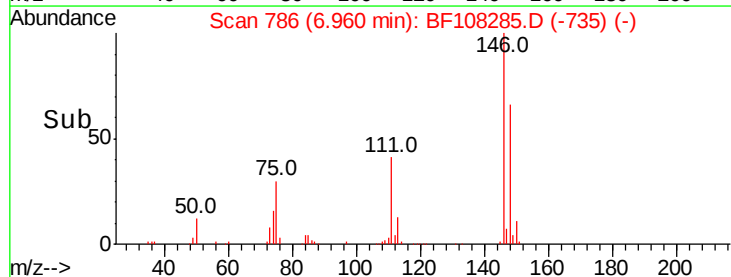
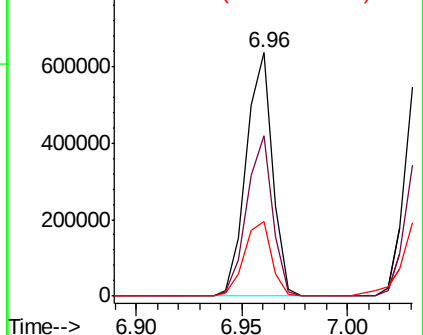


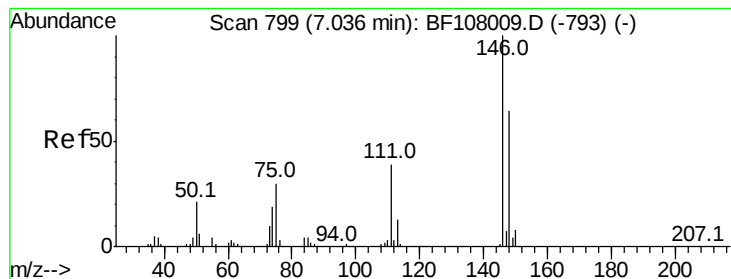
#12
1,3-Dichlorobenzene
Concen: 47.305 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.8	77.8
75	30.9	24.2	36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 47.434 ng

RT: 7.04 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Instrument :

BNA_F

ClientSampleId :

PB112152BS

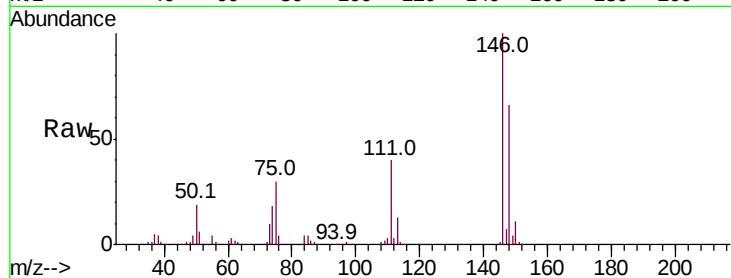
Tot Ion:146 Resp: 553822

Ion Ratio Lower Upper

146 100

148 65.6 50.8 76.2

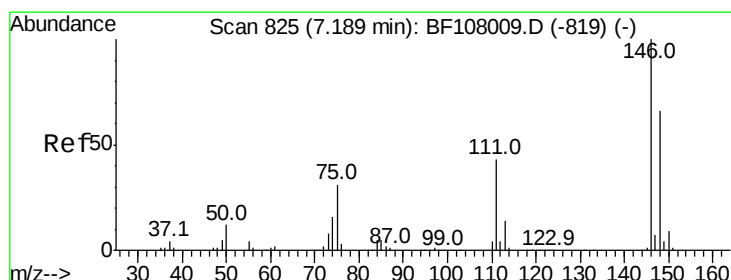
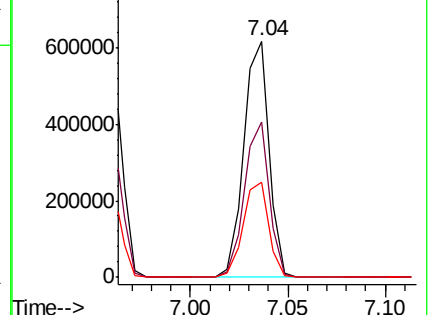
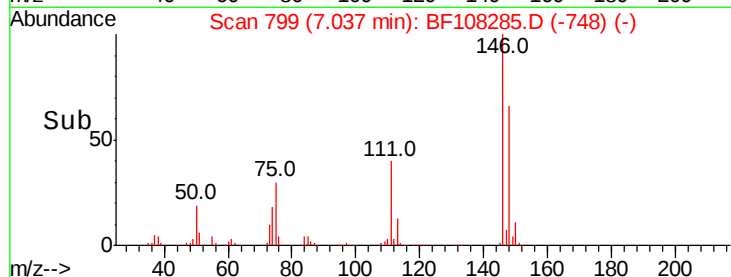
111 40.3 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 47.837 ng

RT: 7.19 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

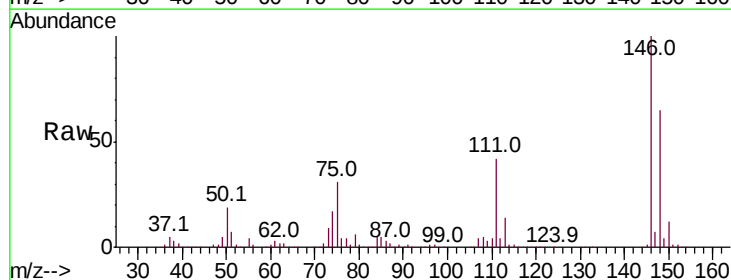
Tgt Ion:146 Resp: 519528

Ion Ratio Lower Upper

146 100

148 64.7 50.6 75.8

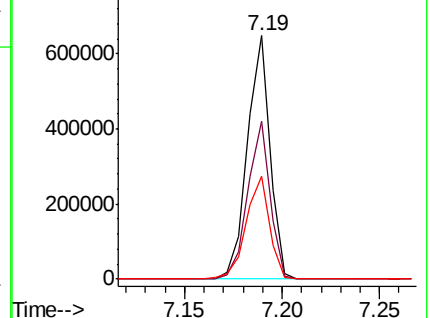
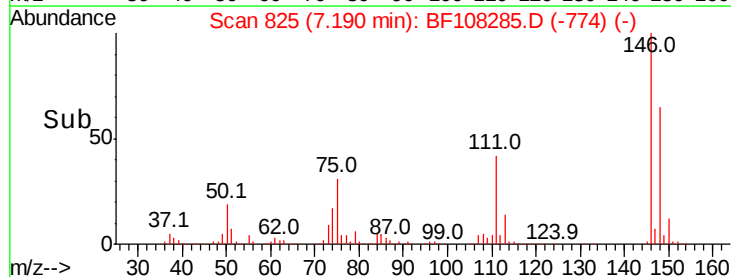
111 42.2 36.0 54.0

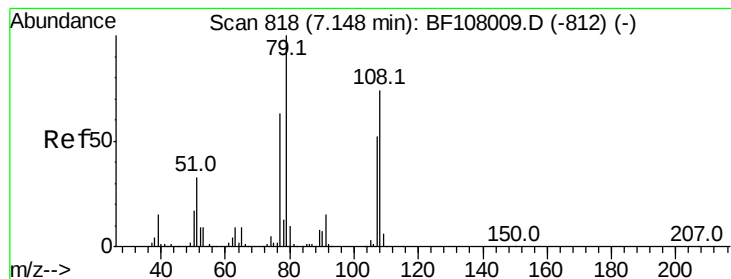


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.725 ng

RT: 7.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Instrument :

BNA_F

ClientSampled :

PB112152BS

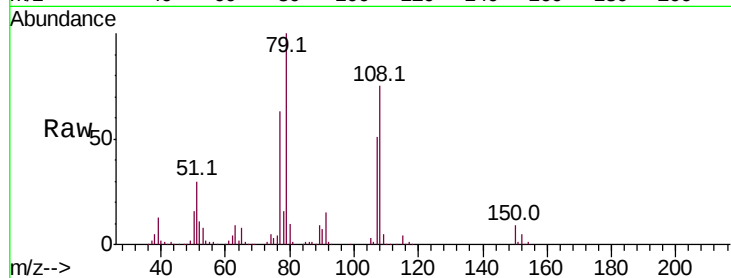
Tot Ion: 79 Resp: 426522

Ion Ratio Lower Upper

79 100

108 75.2 65.1 97.7

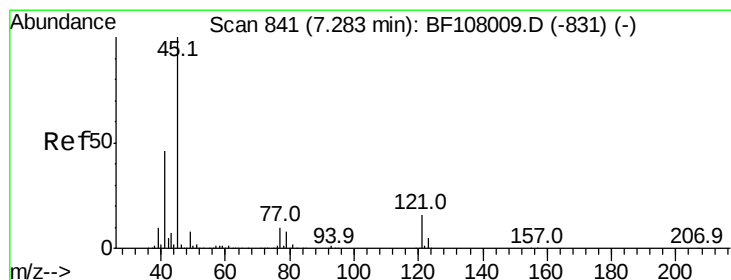
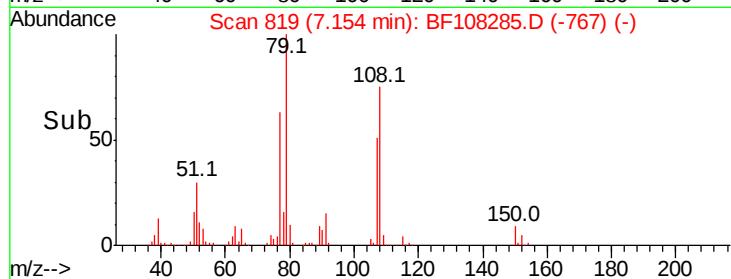
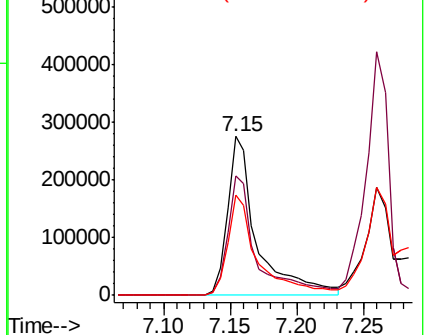
77 63.2 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.212 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

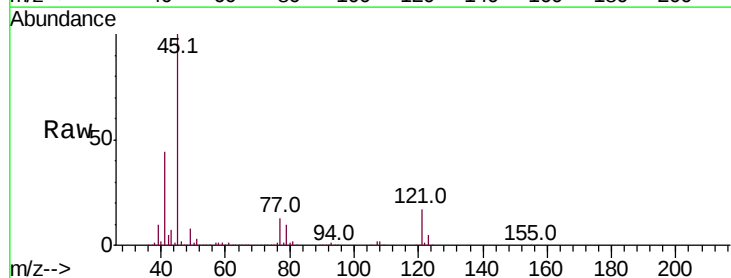
Tgt Ion: 45 Resp: 882770

Ion Ratio Lower Upper

45 100

77 12.5 0.0 32.9

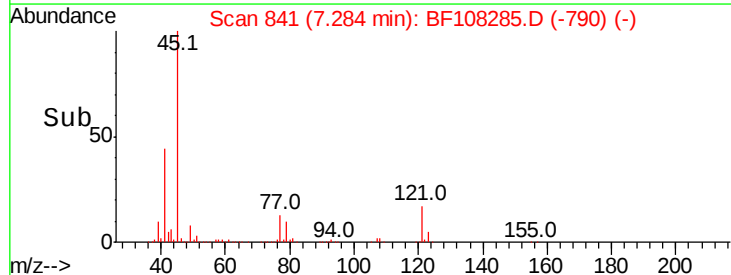
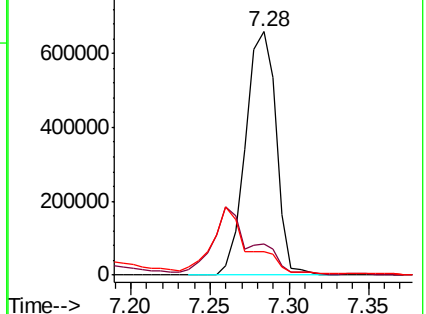
79 9.9 0.0 29.6

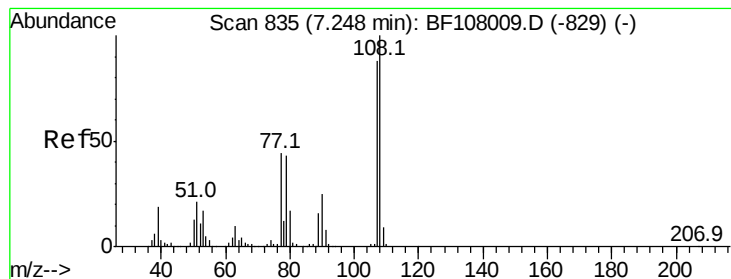


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

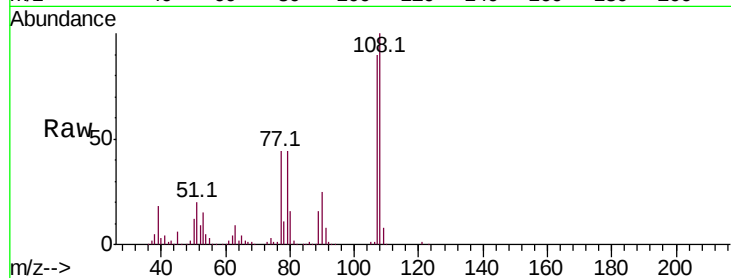




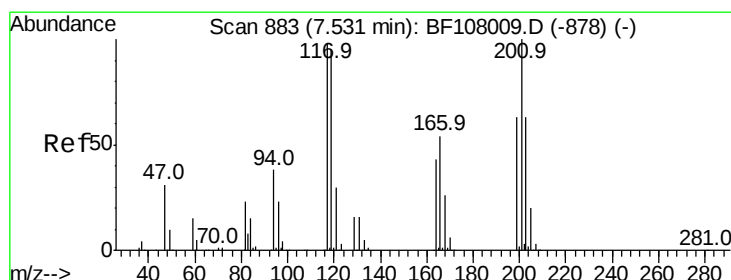
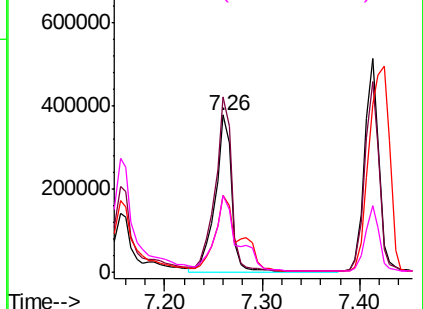
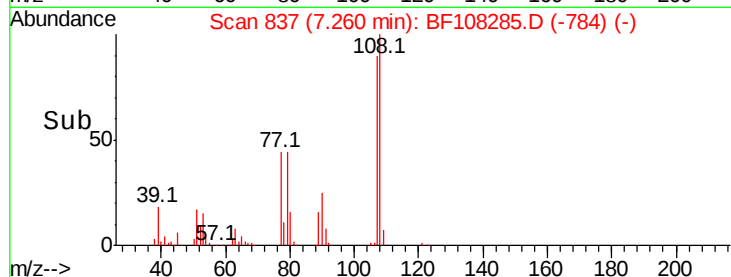
#17
2-Methylphenol
Concen: 52.221 ng
RT: 7.26 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Instrument :
BNA_F
ClientSampleId :
PB112152BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.5	91.7	137.5
77	49.2	33.8	50.8
79	49.2	33.8	50.8

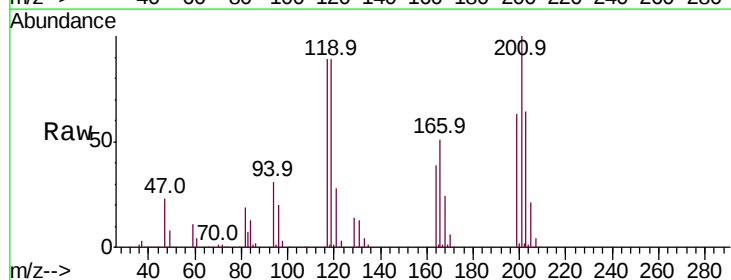


Abundance Ion 107.00 (106.70 to 107.70): E
800000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

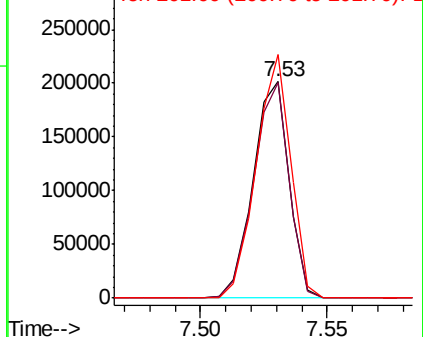
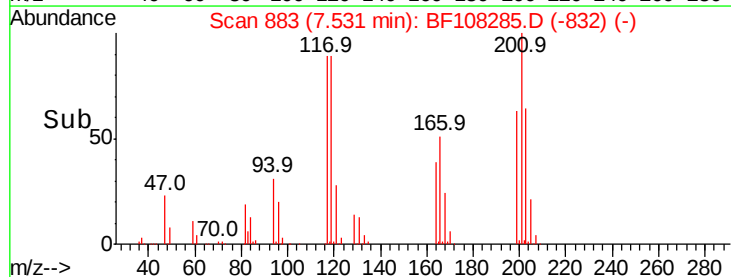


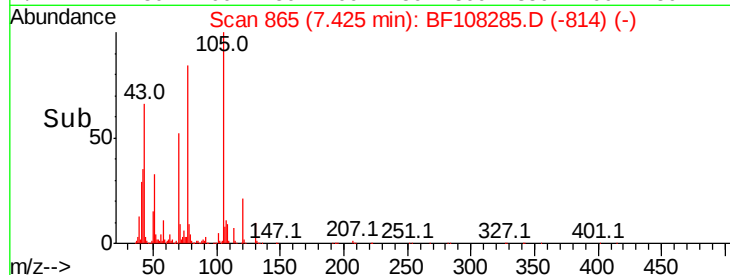
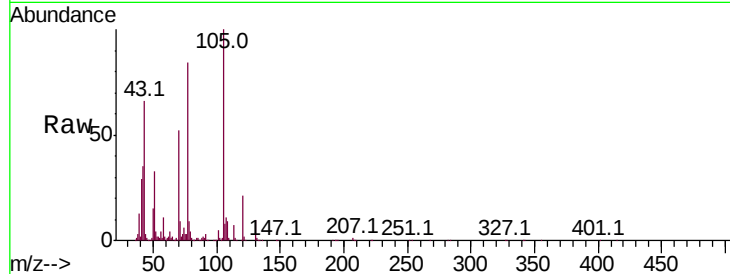
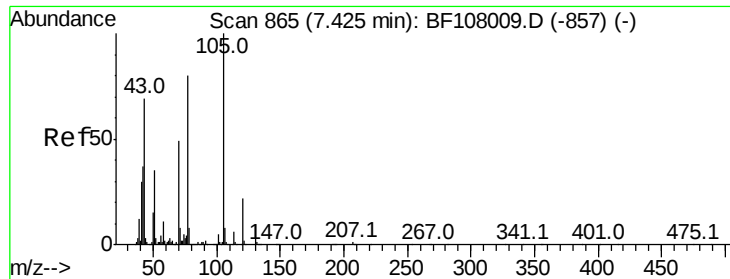
#18
Hexachloroethane
Concen: 47.939 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.9	75.8	113.8
201	112.5	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
300000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

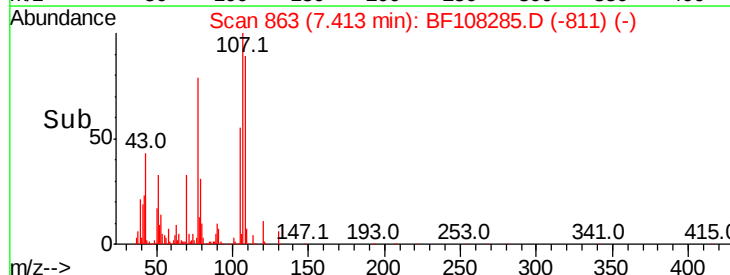
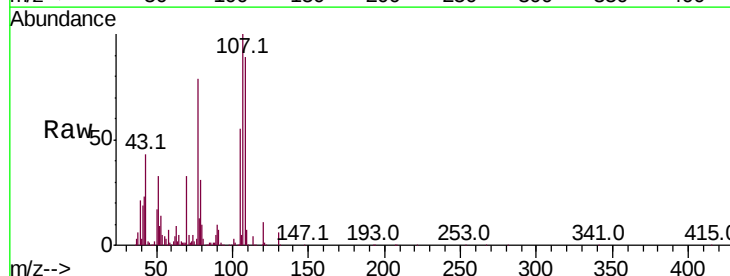
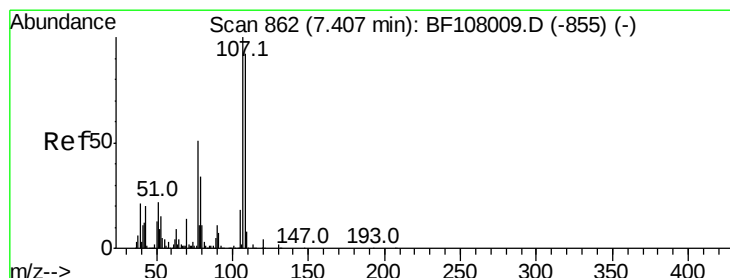
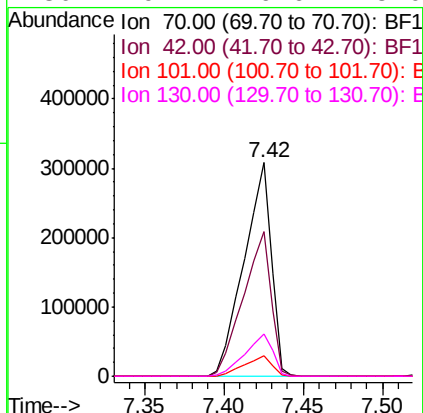




#19
n-Nitroso-di-n-propylamine
Concen: 45.936 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

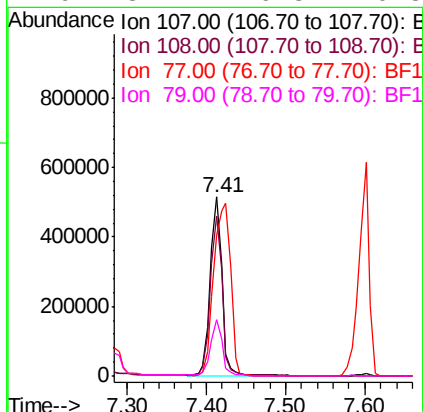
Instrument :
BNA_F
ClientSampleId :
PB112152BS

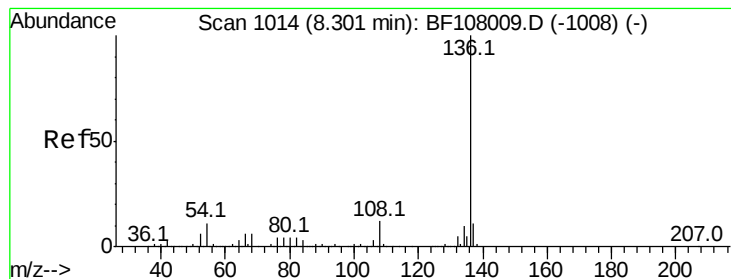
Tot Ion:	70	Resp:	368361
Ion	Ratio	Lower	Upper
70	100		
42	67.5	47.5	71.3
101	9.5	7.4	11.2
130	19.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 48.432 ng
RT: 7.41 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tgt Ion:	107	Resp:	534917
Ion	Ratio	Lower	Upper
107	100		
108	89.3	68.2	108.2
77	78.7	26.7	66.7#
79	31.4	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Instrument :

BNA_F

ClientSampleId :

PB112152BS

Tot Ion:136 Resp: 652186

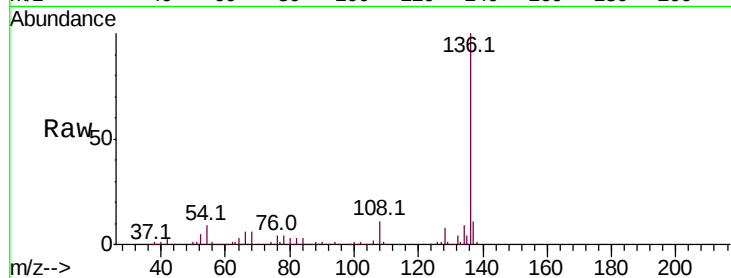
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.4 6.6 9.8

68 5.9 5.0 7.4

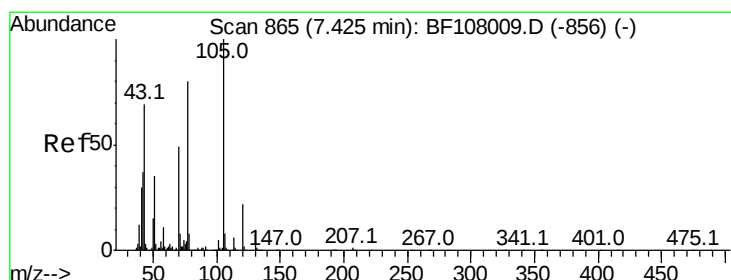
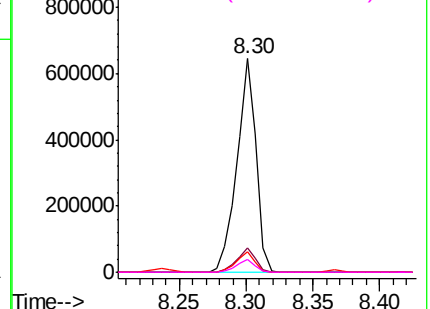
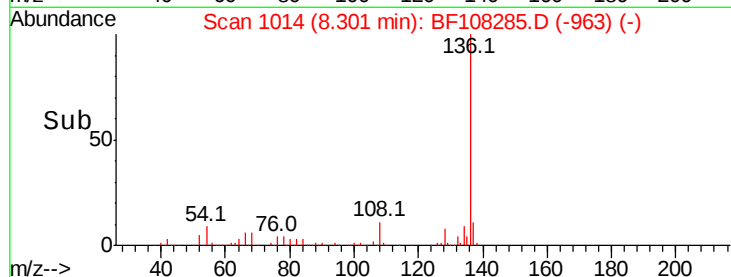


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 46.169 ng

RT: 7.42 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Tgt Ion:105 Resp: 704065

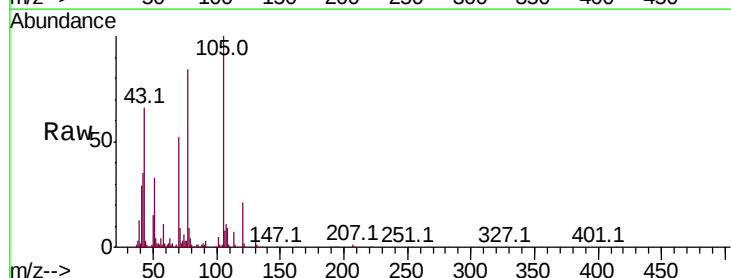
Ion Ratio Lower Upper

105 100

71 8.7 4.4 6.6#

51 32.9 22.3 33.5

120 21.3 16.9 25.3

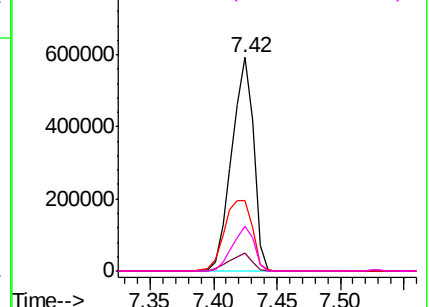
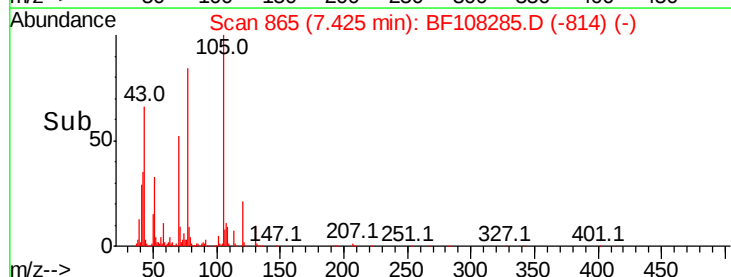


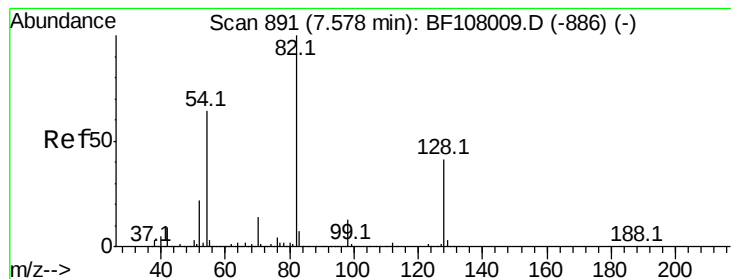
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 89.064 ng

RT: 7.58 min Scan# 892

Delta R.T. 0.01 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Instrument :

BNA_F

ClientSampleId :

PB112152BS

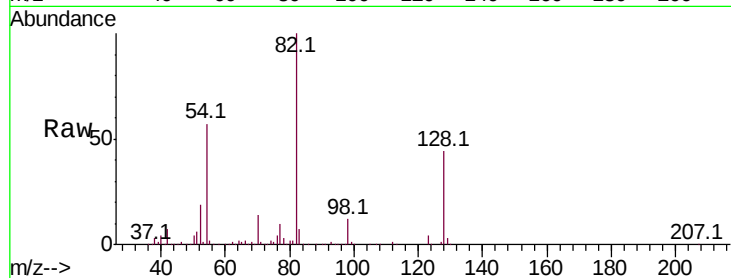
Tot Ion: 82 Resp: 1040942

Ion Ratio Lower Upper

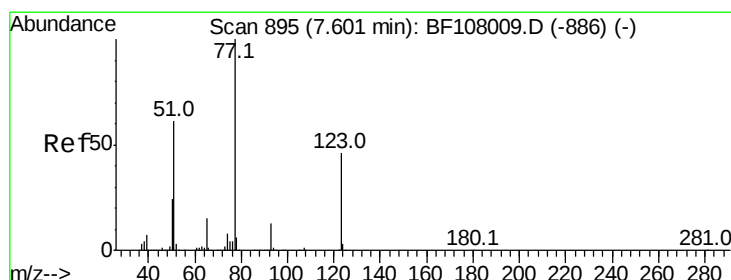
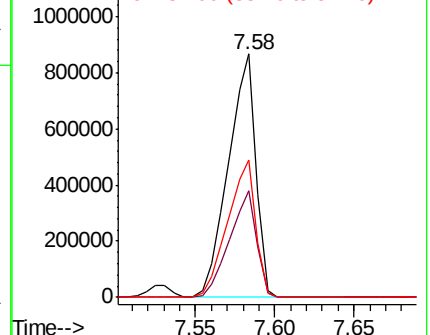
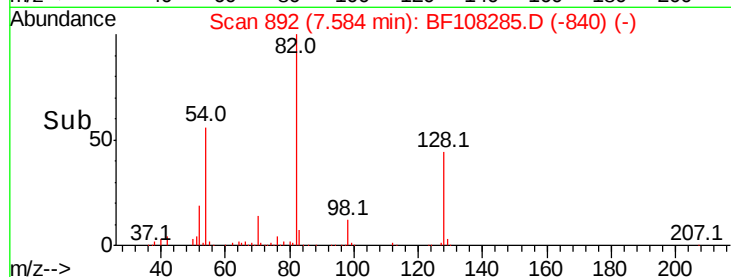
82 100

128 43.6 36.1 54.1

54 56.5 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 46.317 ng

RT: 7.60 min Scan# 895

Delta R.T. 0.00 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

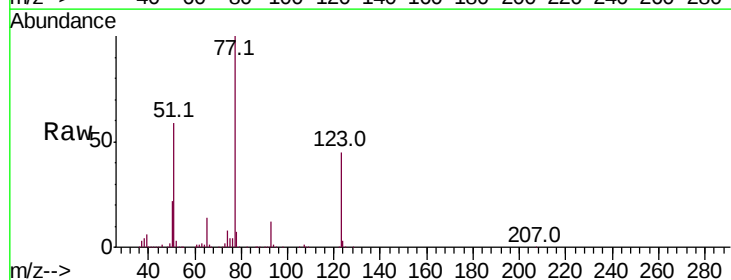
Tgt Ion: 77 Resp: 547408

Ion Ratio Lower Upper

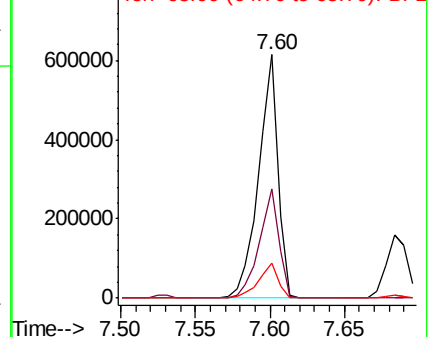
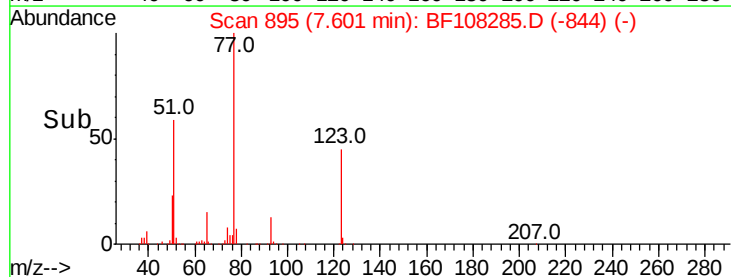
77 100

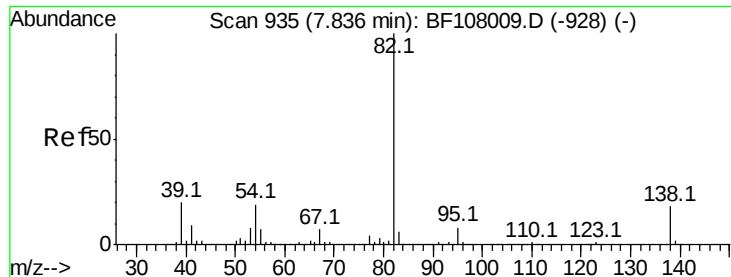
123 45.1 37.9 56.9

65 14.4 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 45.736 ng

RT: 7.84 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Instrument :

BNA_F

ClientSampleId :

PB112152BS

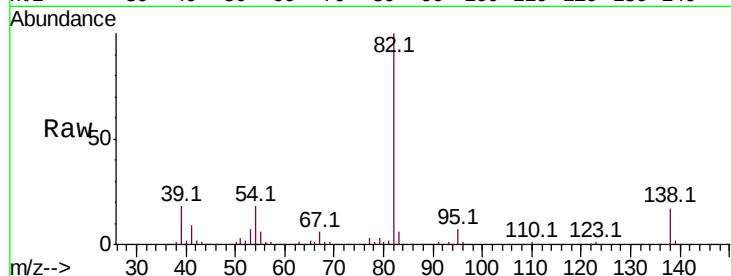
Tot Ion: 82 Resp: 1018861

Ion Ratio Lower Upper

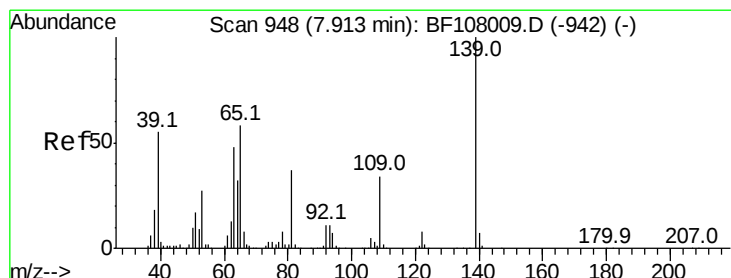
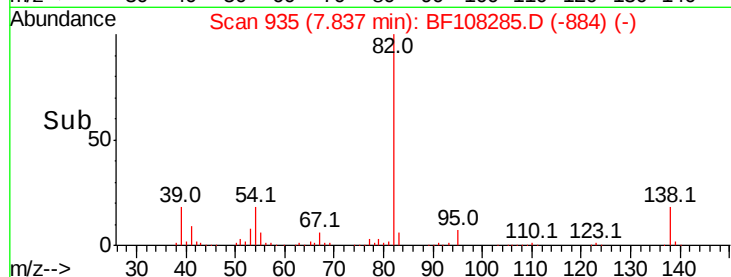
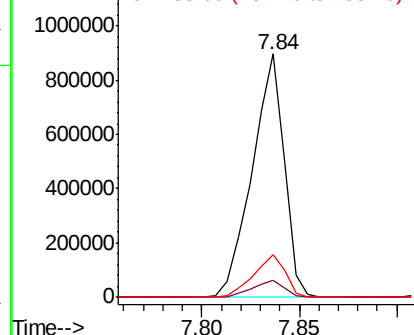
82 100

95 7.0 5.2 7.8

138 17.4 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 54.567 ng

RT: 7.91 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

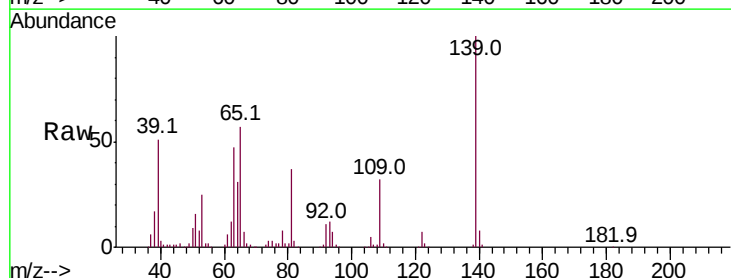
Tgt Ion:139 Resp: 243550

Ion Ratio Lower Upper

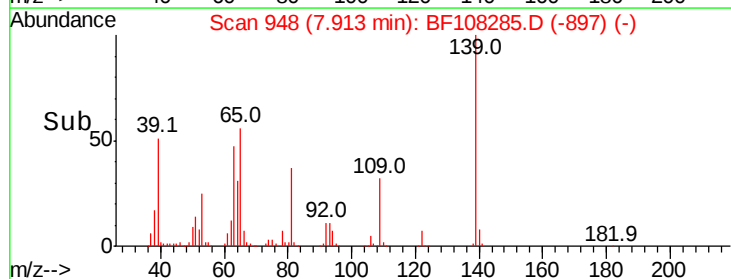
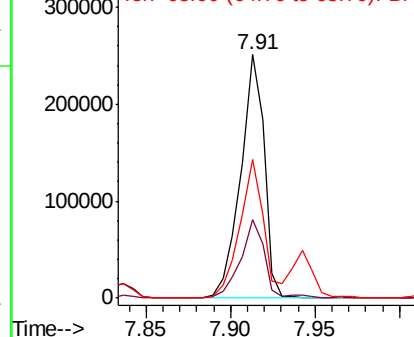
139 100

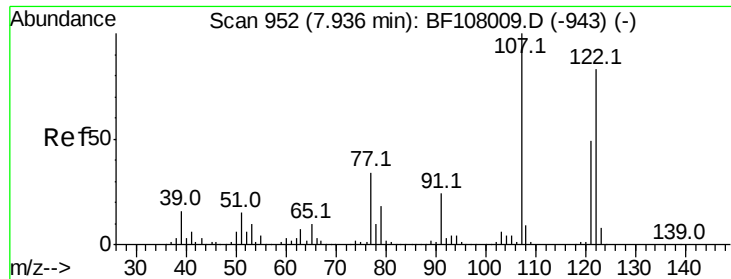
109 32.0 22.7 34.1

65 56.9 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

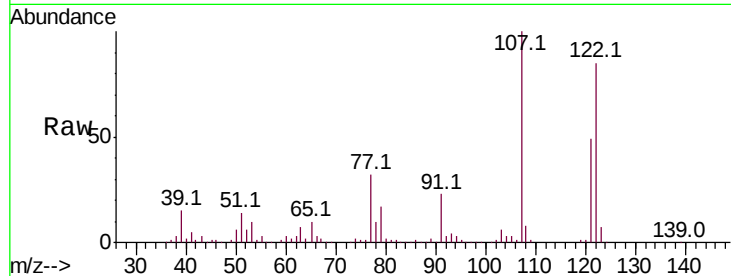




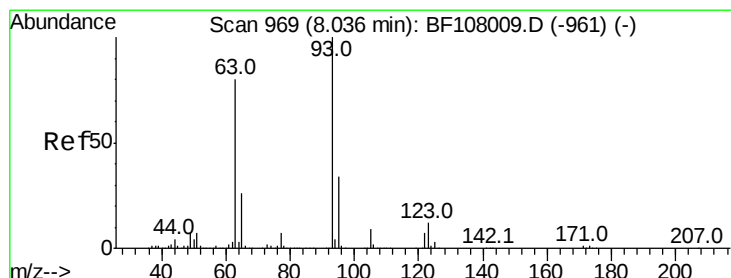
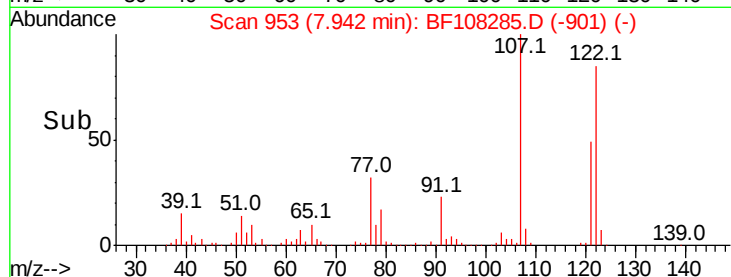
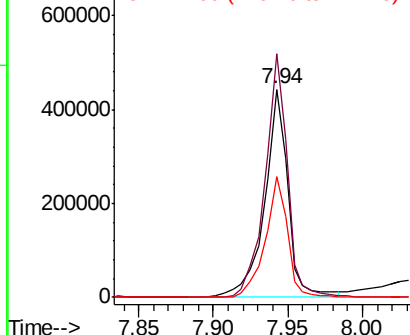
#27
 2,4-Dimethylphenol
 Concen: 48.389 ng
 RT: 7.94 min Scan# 953
 Delta R.T. 0.01 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112152BS

Tot Ion:122 Resp: 478430
 Ion Ratio Lower Upper
 122 100
 107 117.1 91.2 136.8
 121 57.8 47.2 70.8

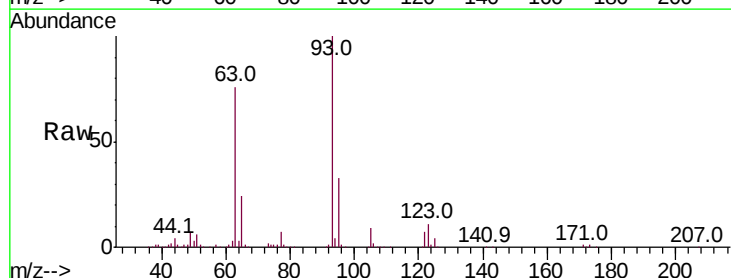


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

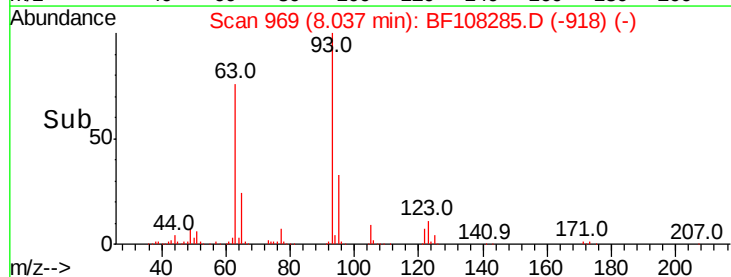
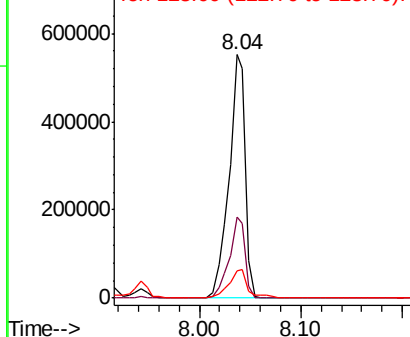


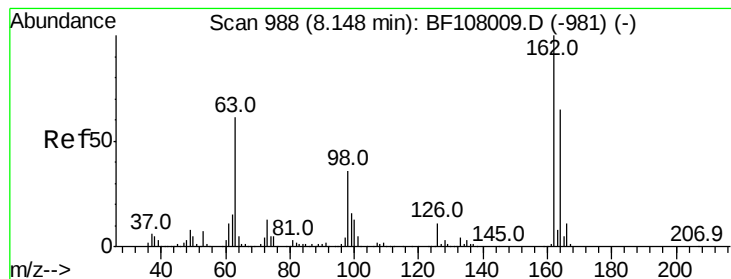
#28
 bis(2-Chloroethoxy)methane
 Concen: 47.120 ng
 RT: 8.04 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Tgt Ion: 93 Resp: 612786
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.3 39.5
 123 11.5 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 49.618 ng

RT: 8.15 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Instrument :

BNA_F

ClientSampleId :

PB112152BS

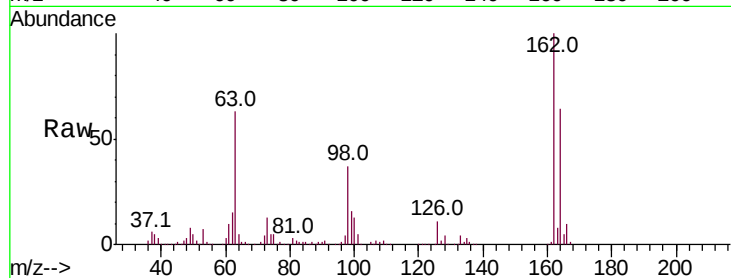
Tot Ion:162 Resp: 451463

Ion Ratio Lower Upper

162 100

164 63.5 42.7 82.7

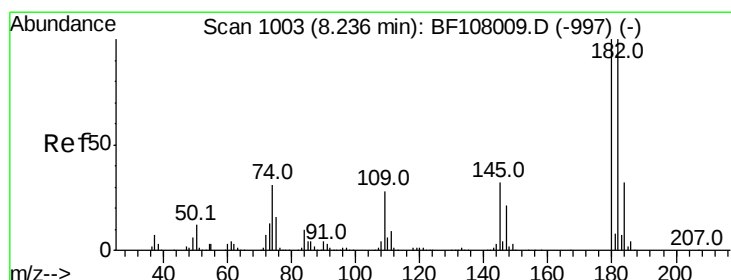
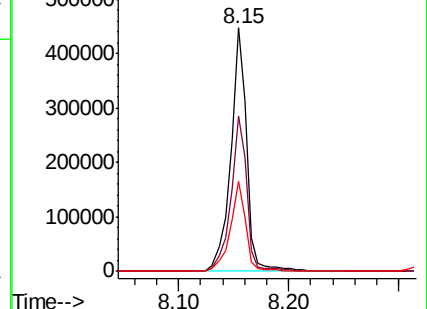
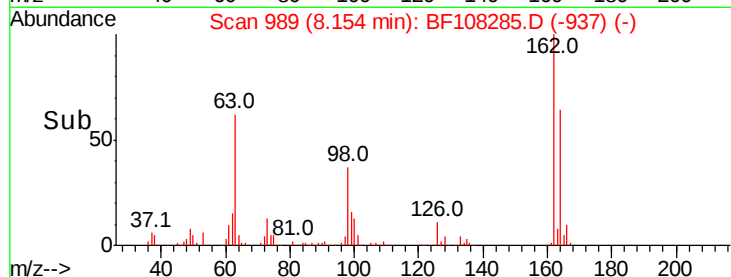
98 37.2 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 47.387 ng

RT: 8.24 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

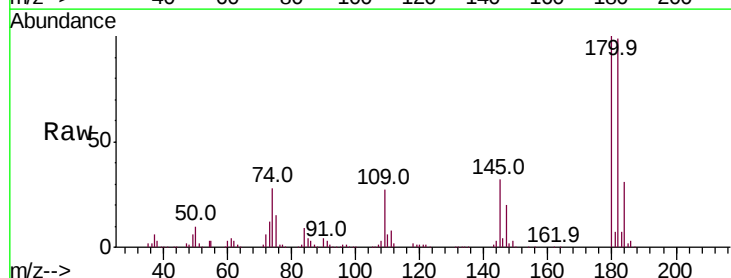
Tgt Ion:180 Resp: 475381

Ion Ratio Lower Upper

180 100

182 99.0 76.8 115.2

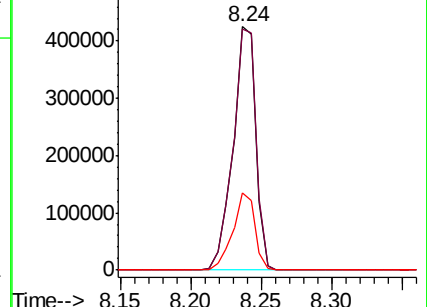
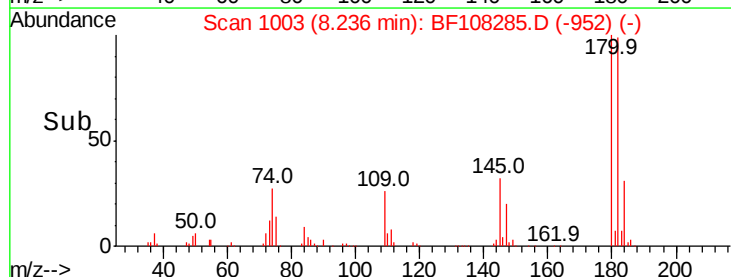
145 31.7 26.5 39.7

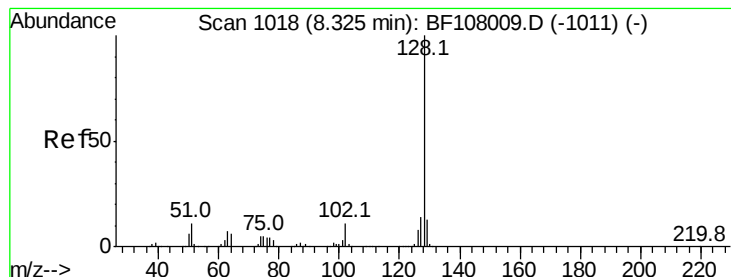


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.623 ng

RT: 8.32 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Instrument :

BNA_F

ClientSampleId :

PB112152BS

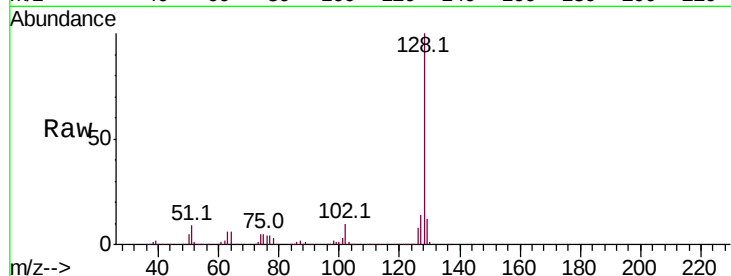
Tot Ion:128 Resp: 1442157

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

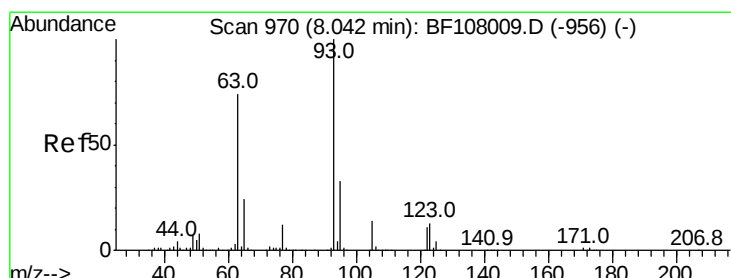
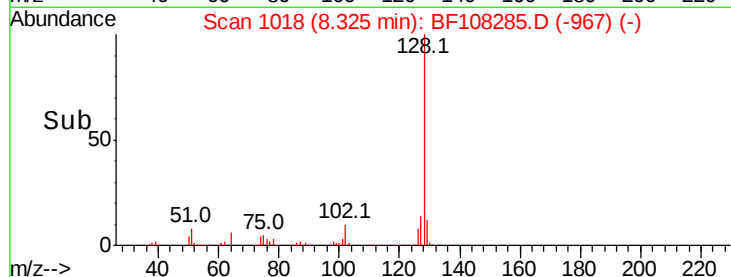
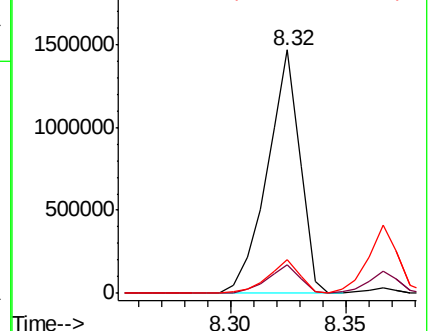
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

2000000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.213 ng

RT: 8.07 min Scan# 974

Delta R.T. 0.02 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

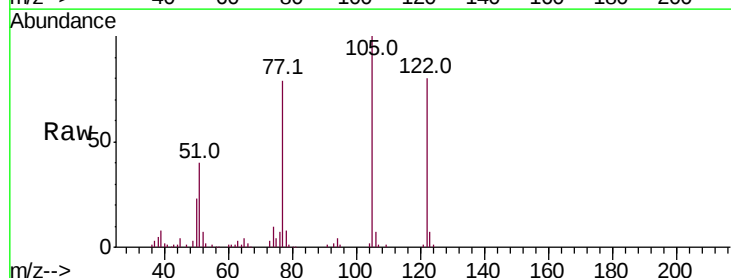
Tgt Ion:122 Resp: 204712

Ion Ratio Lower Upper

122 100

105 125.0 101.1 141.1

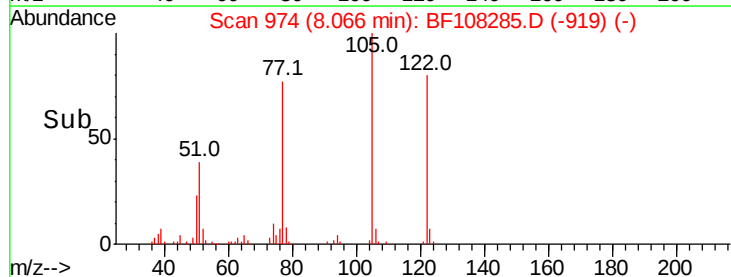
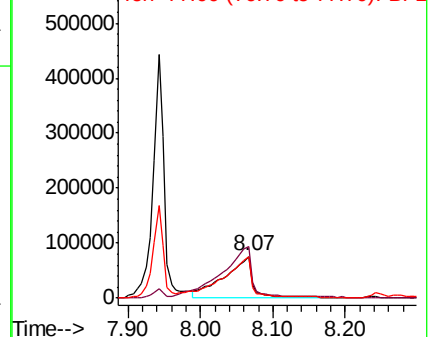
77 98.5 70.7 110.7

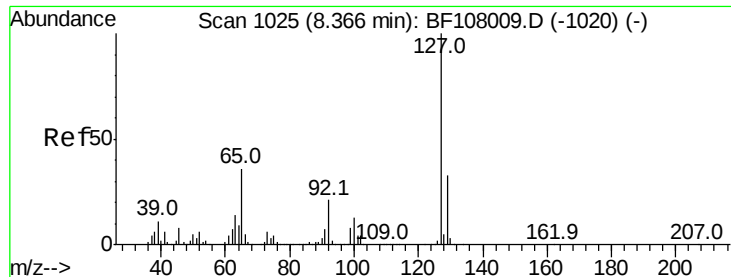


Abundance Ion 122.00 (121.70 to 122.70): E

600000 Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

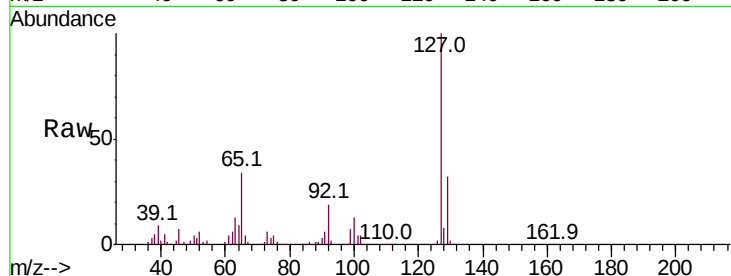




#33
4-Chloroaniline
Concen: 30.072 ng
RT: 8.37 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Instrument :
BNA_F
ClientSampleId :
PB112152BS

Tot Ion:	127	Resp:	388701
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	34.1	25.0	37.4
92	18.8	15.2	22.8



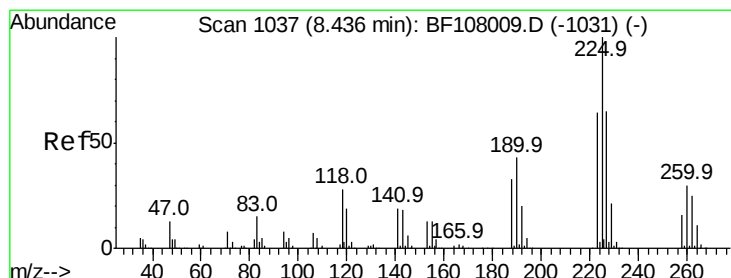
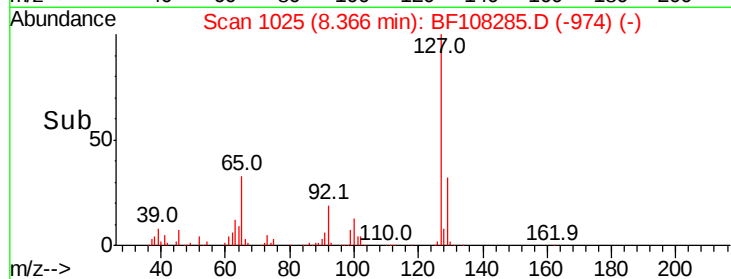
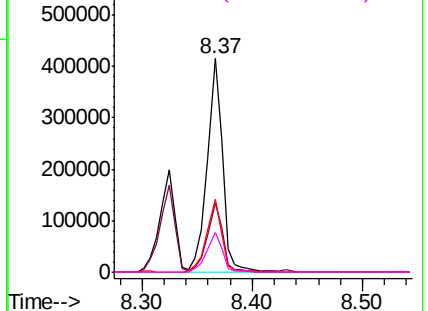
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

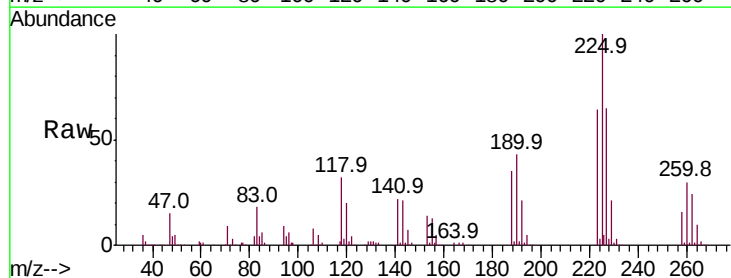
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 47.338 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tgt Ion:	225	Resp:	300631
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.6	76.0
227	65.0	51.9	77.9

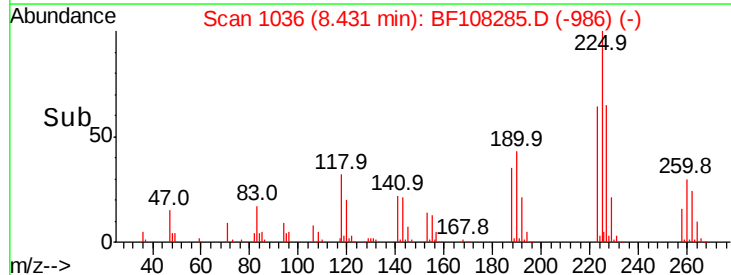
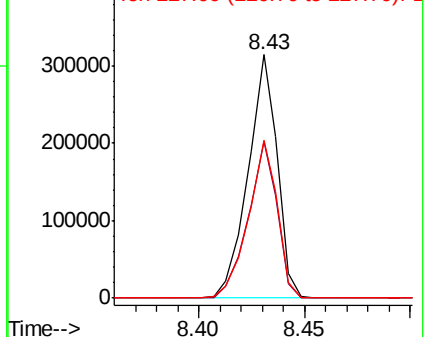


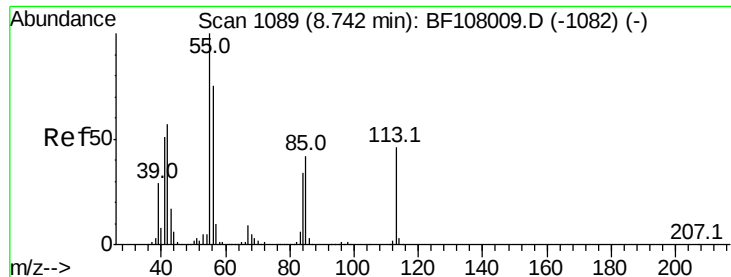
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 28.139 ng

RT: 8.74 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Instrument :

BNA_F

ClientSampleId :

PB112152BS

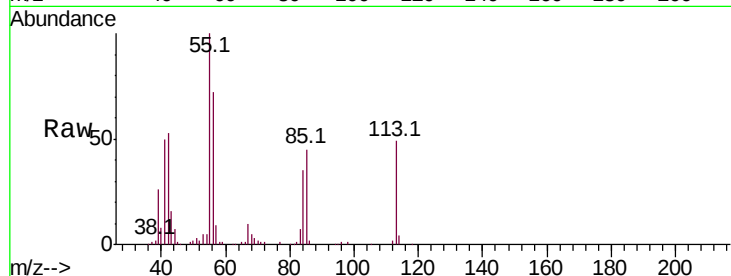
Tot Ion:113 Resp: 80235

Ion Ratio Lower Upper

113 100

55 205.7 163.3 203.3#

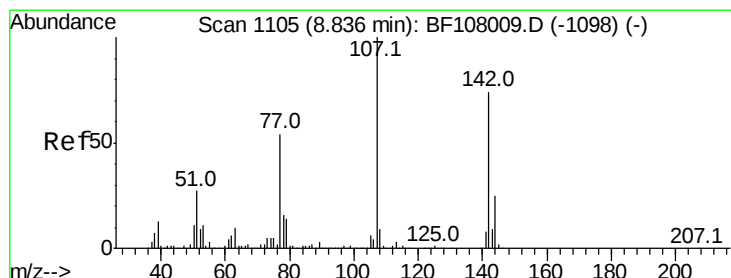
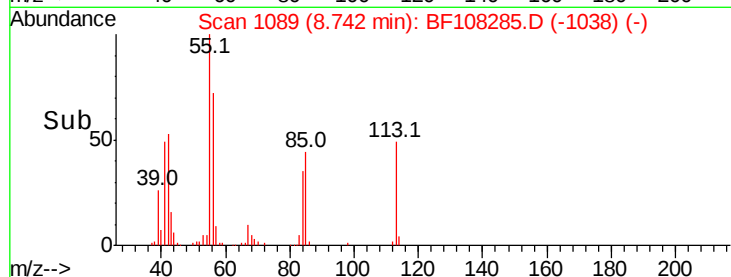
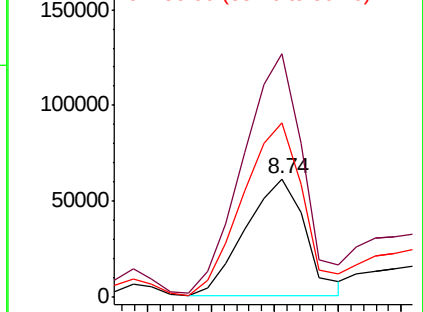
56 147.8 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 47.650 ng

RT: 8.85 min Scan# 1107

Delta R.T. 0.01 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

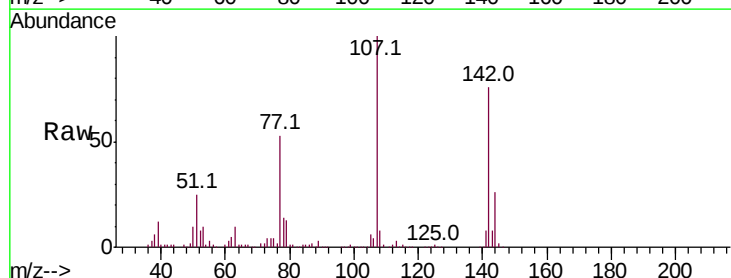
Tgt Ion:107 Resp: 467717

Ion Ratio Lower Upper

107 100

144 26.4 20.5 30.7

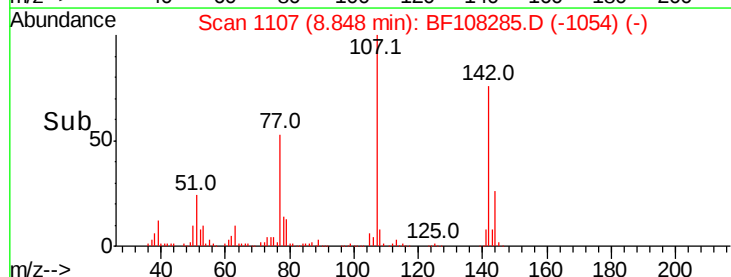
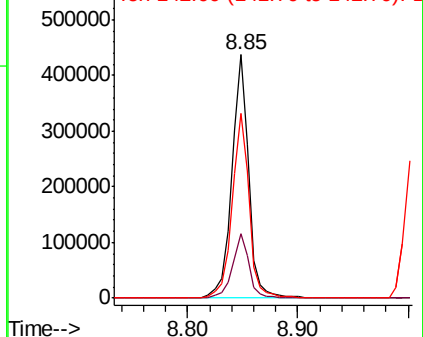
142 75.9 62.0 93.0

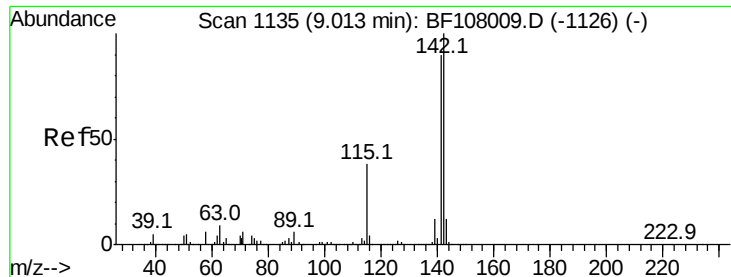


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

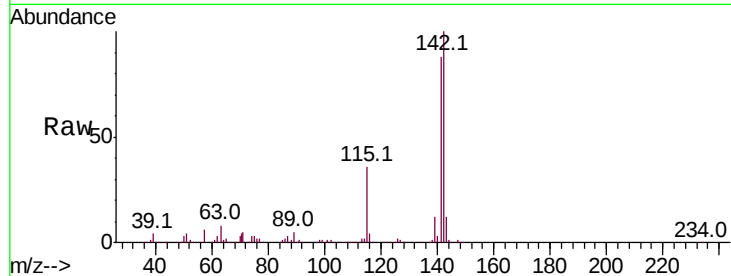




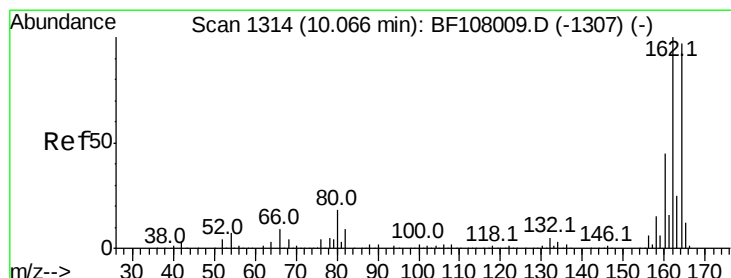
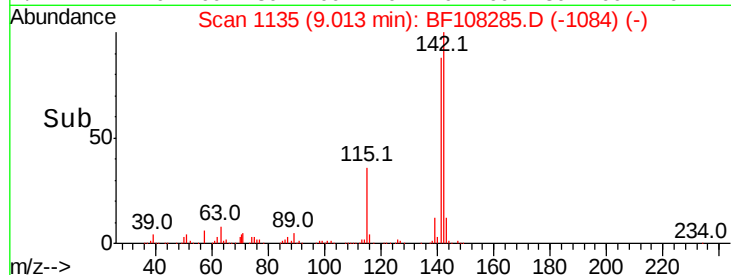
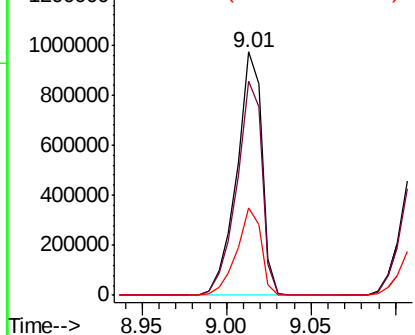
#37
2-Methylnaphthalene
Concen: 48.324 ng
RT: 9.01 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Instrument :
BNA_F
ClientSampleId :
PB112152BS

Tot Ion:142 Resp: 1014076
Ion Ratio Lower Upper
142 100
141 88.0 70.8 106.2
115 36.1 26.1 39.1

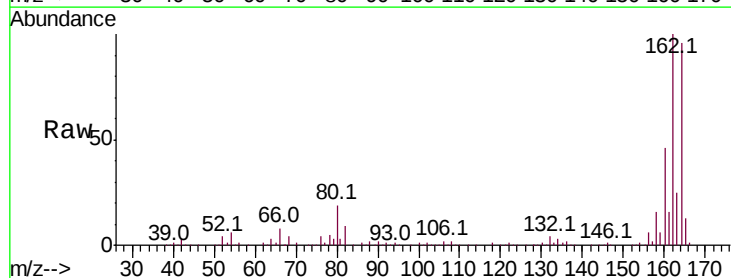


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

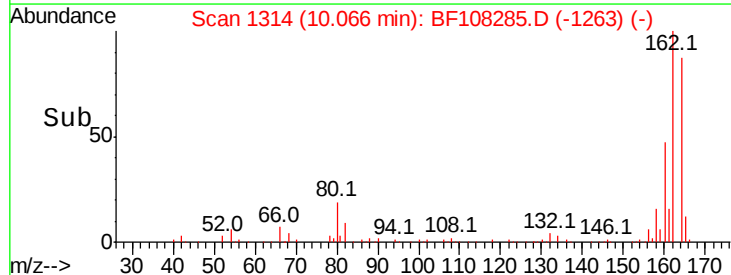
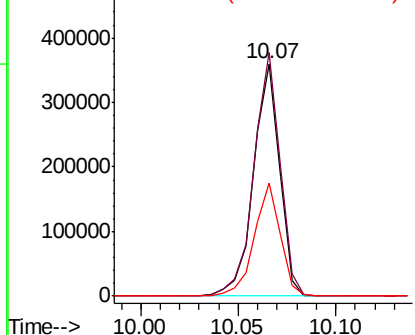


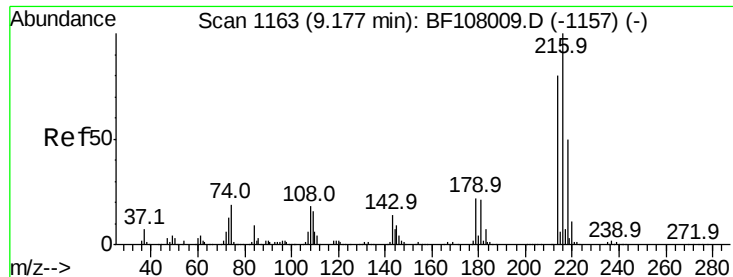
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tgt Ion:164 Resp: 333999
Ion Ratio Lower Upper
164 100
162 104.7 86.1 129.1
160 48.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

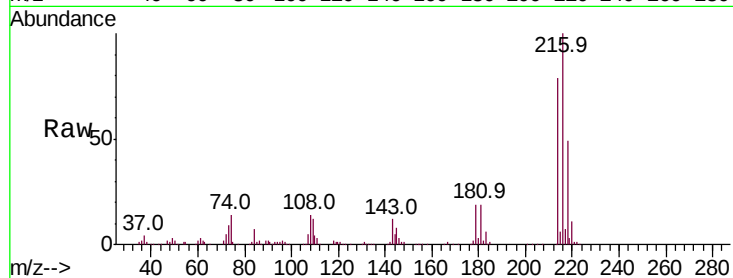




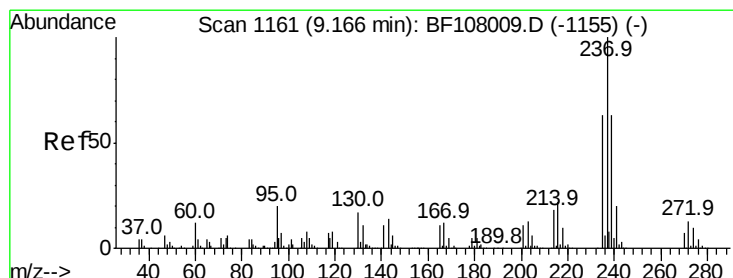
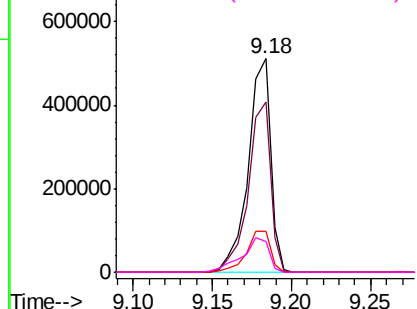
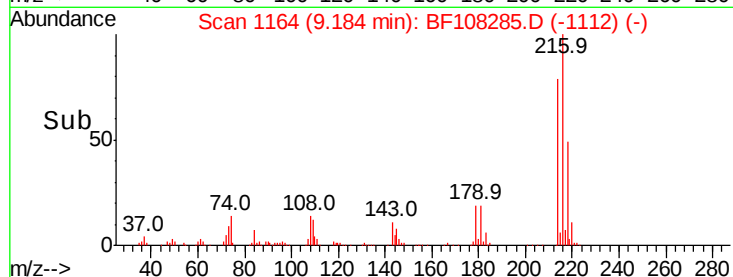
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.869 ng
 RT: 9.18 min Scan# 1164
 Delta R.T. 0.01 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112152BS

Tot Ion:	216	Resp:	501234
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	20.4	18.1	27.1
108	19.6	17.2	25.8

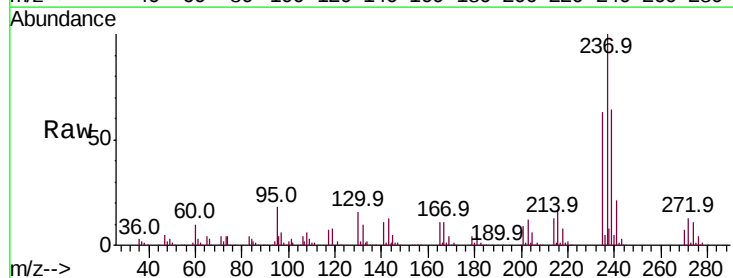


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

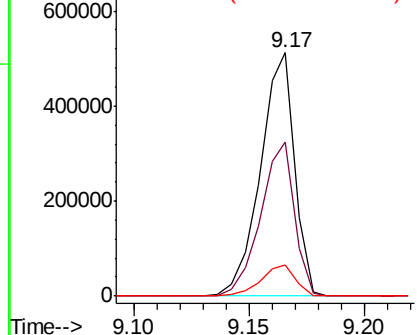
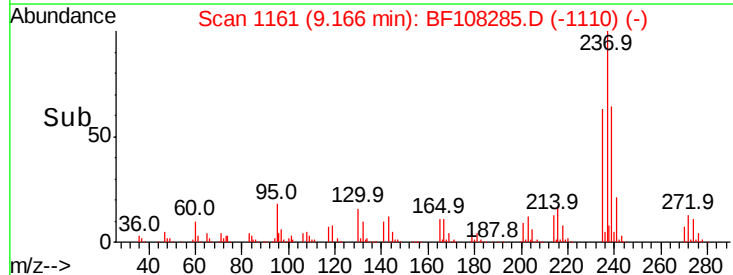


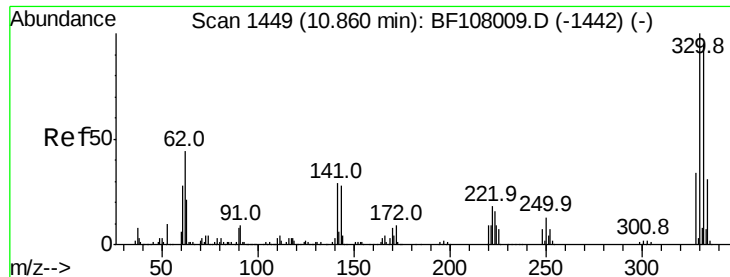
#40
 Hexachlorocyclopentadiene
 Concen: 79.382 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Tgt Ion:	237	Resp:	525903
Ion	Ratio	Lower	Upper
237	100		
235	63.1	44.8	84.8
272	13.0	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

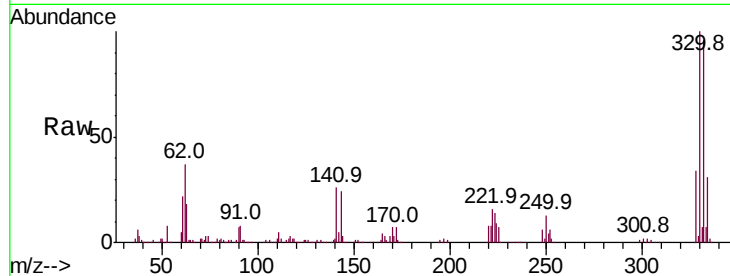




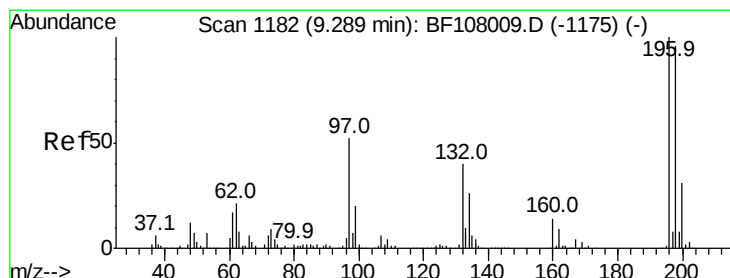
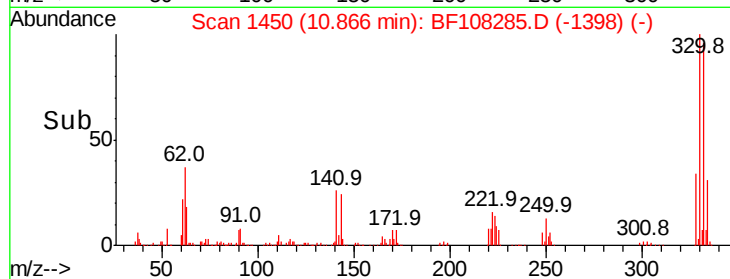
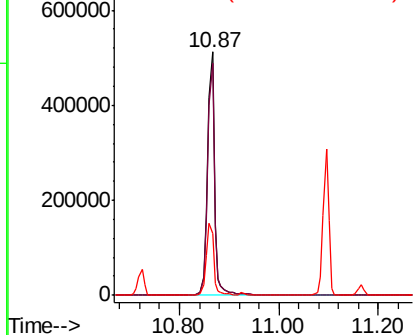
#41
 2,4,6-Tribromophenol
 Concen: 151.612 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112152BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	31.3	29.9	44.9

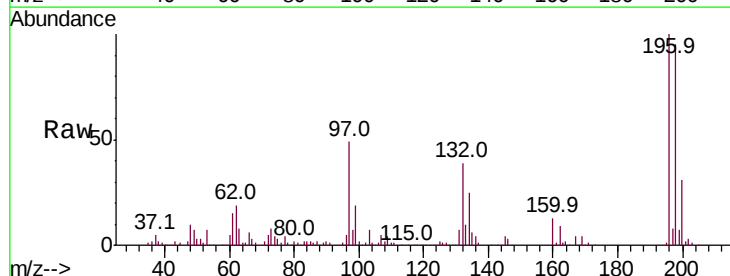


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

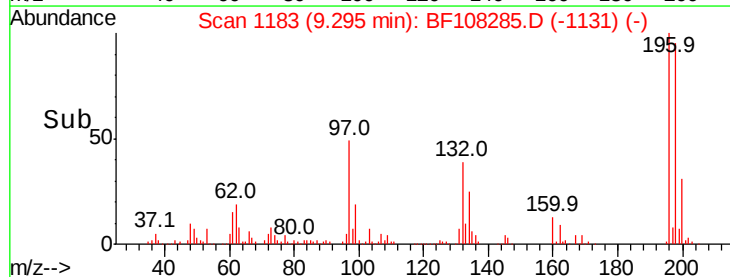
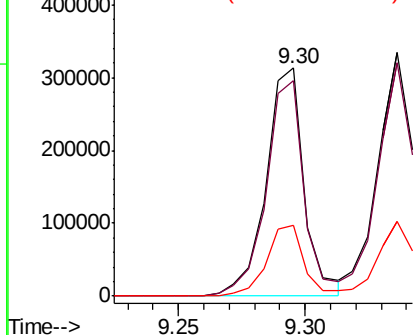


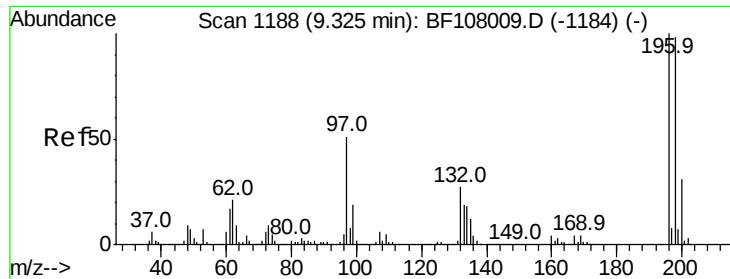
#42
 2,4,6-Trichlorophenol
 Concen: 51.920 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	75.7	113.5
200	31.1	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

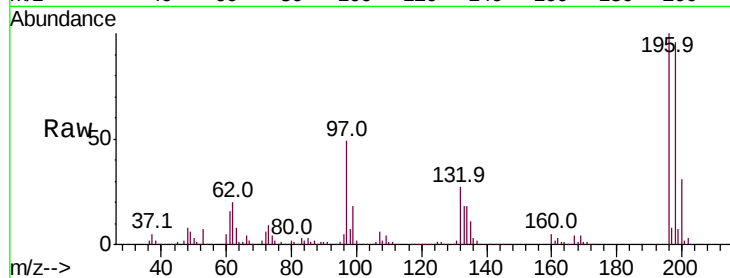




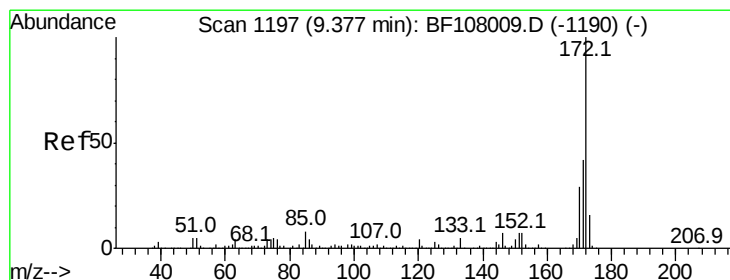
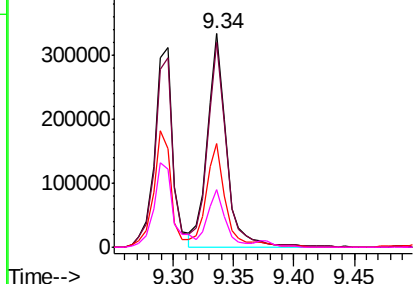
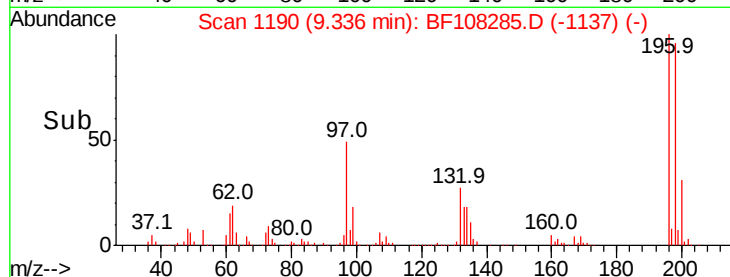
#43
 2,4,5-Trichlorophenol
 Concen: 51.758 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112152BS

Tot Ion:196 Resp: 362648
 Ion Ratio Lower Upper
 196 100
 198 96.0 74.6 112.0
 97 48.7 42.9 64.3
 132 26.8 26.3 39.5

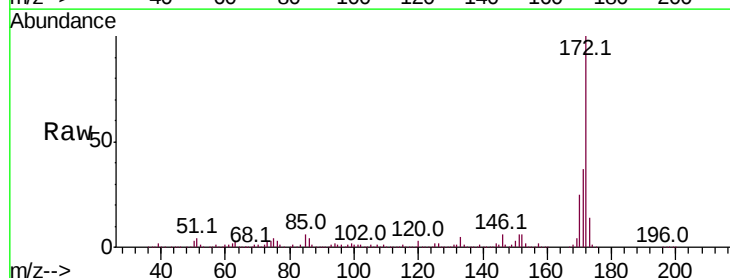


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

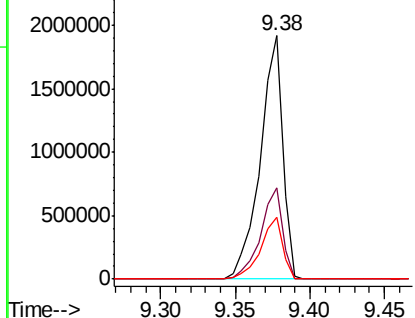
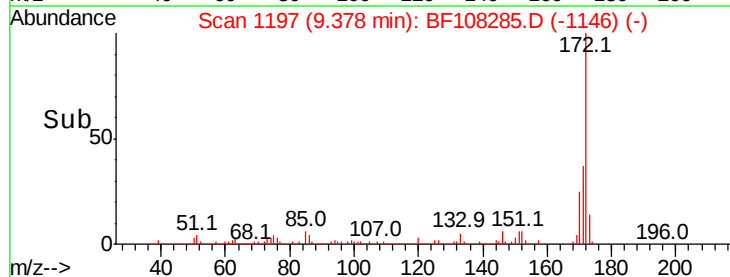


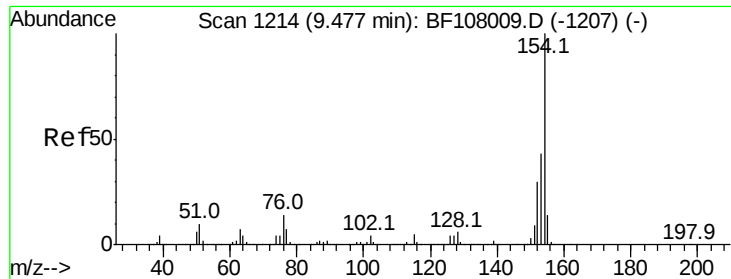
#44
 2-Fluorobiphenyl
 Concen: 95.346 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Tgt Ion:172 Resp: 1983566
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.7 44.5
 170 25.3 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



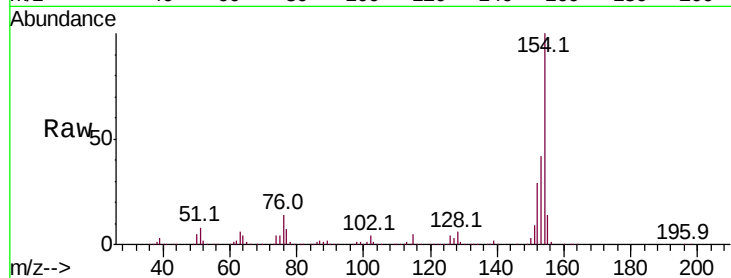


#45
 1,1'-Biphenyl
 Concen: 49.391 ng
 RT: 9.48 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

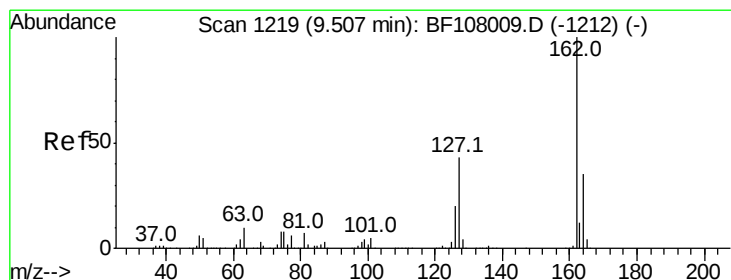
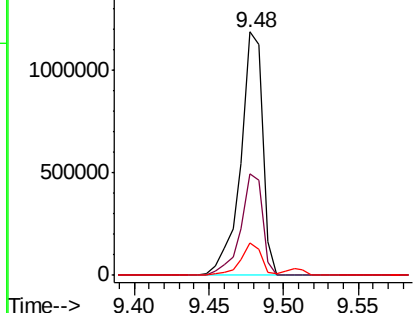
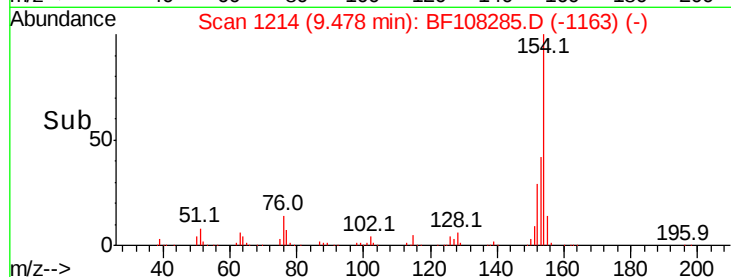
Instrument :
 BNA_F
 ClientSampleId :
 PB112152BS

Tot Ion:154 Resp: 1216278

Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.3	61.3
76	13.5	0.0	34.0



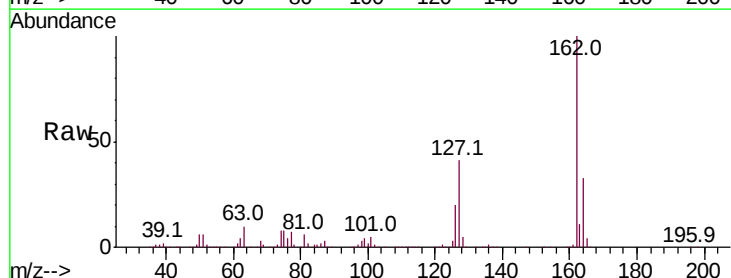
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1



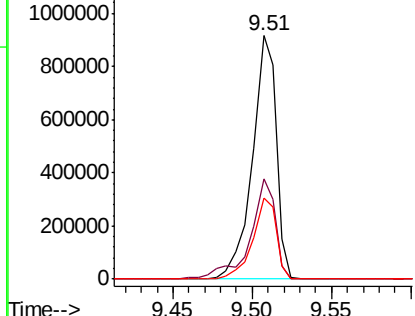
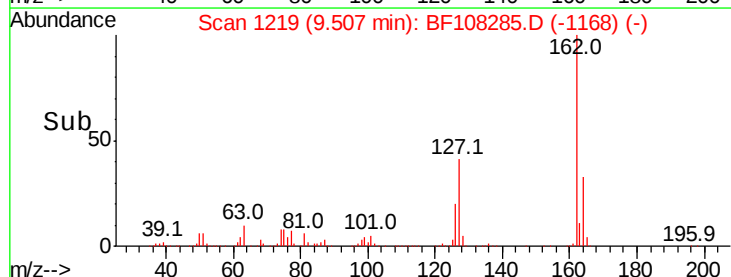
#46
 2-Chloronaphthalene
 Concen: 49.246 ng
 RT: 9.51 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

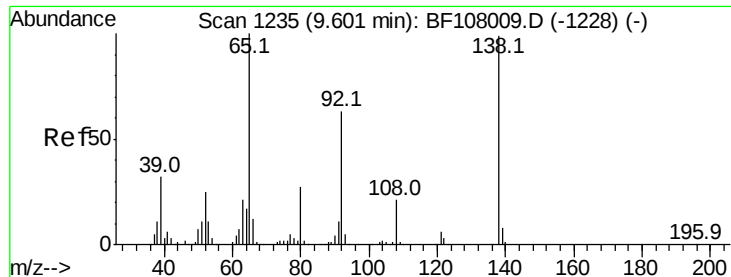
Tgt Ion:162 Resp: 958484

Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.9	50.9
164	33.4	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

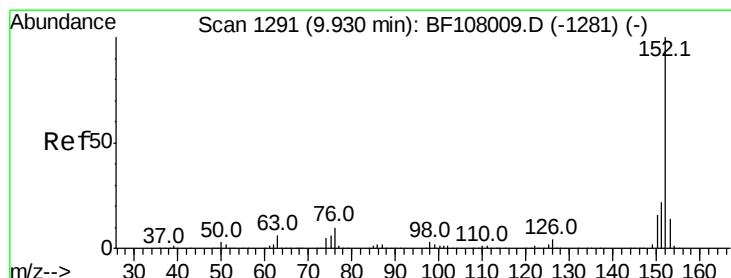
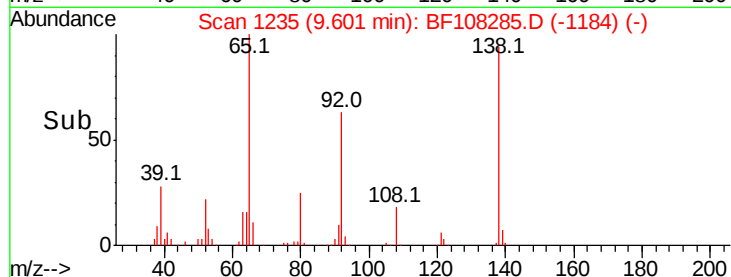
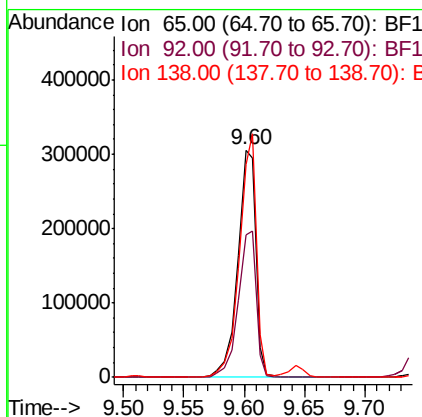
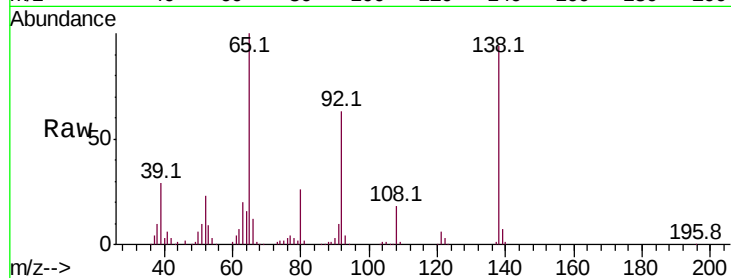




#47
2-Nitroaniline
Concen: 50.872 ng
RT: 9.60 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

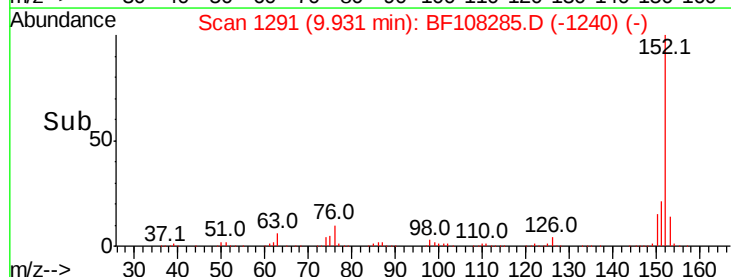
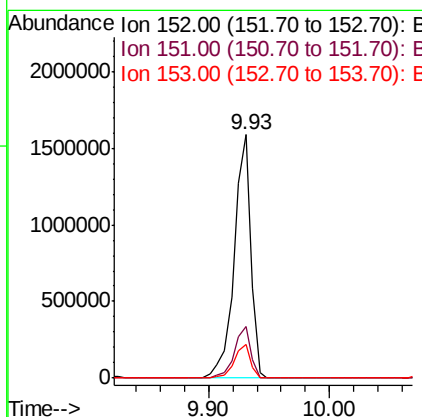
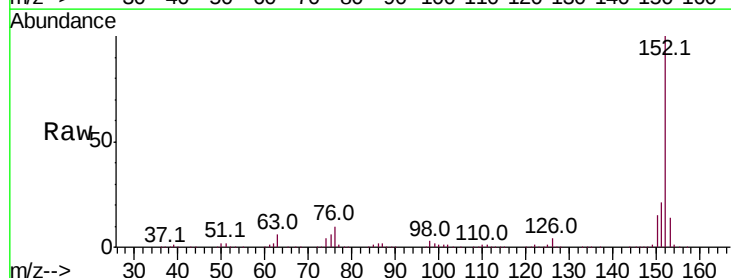
Instrument :
BNA_F
ClientSampleId :
PB112152BS

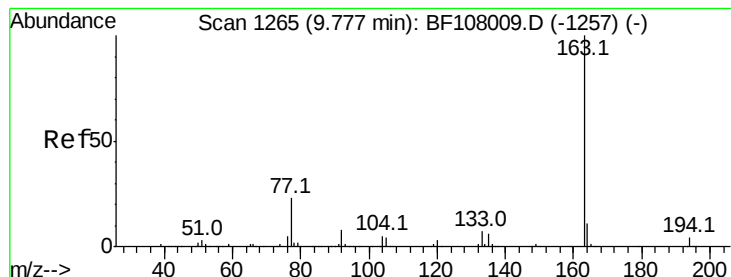
Tot Ion	Ratio	Lower	Upper
65	100		
92	62.9	55.8	83.6
138	93.6	91.2	136.8



#48
Acenaphthylene
Concen: 49.583 ng
RT: 9.93 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.3	24.5
153	13.7	10.7	16.1





#49

Dimethylphthalate

Concen: 48.624 ng

RT: 9.78 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Instrument :

BNA_F

ClientSampleId :

PB112152BS

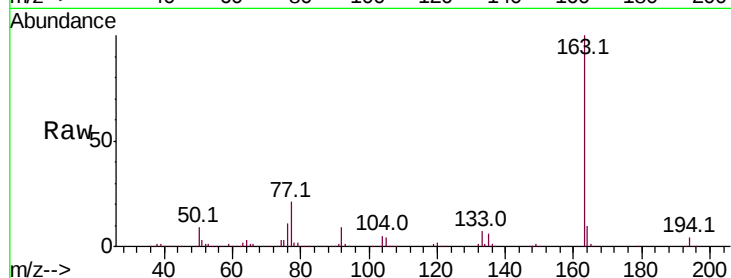
Tot Ion:163 Resp: 1131284

Ion Ratio Lower Upper

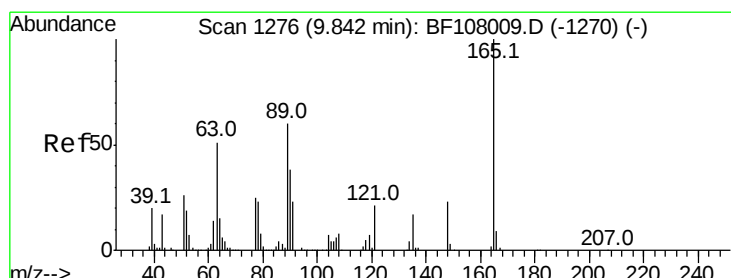
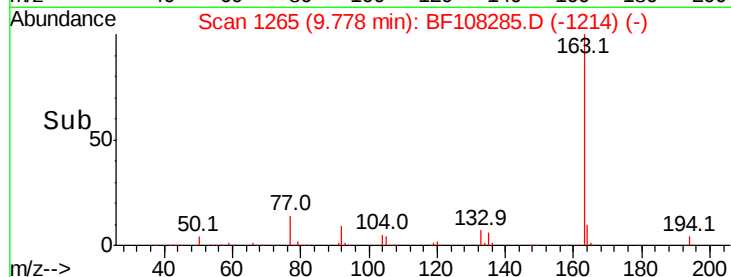
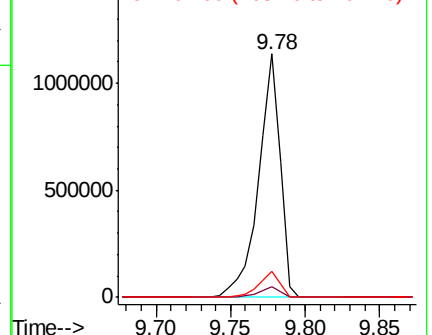
163 100

194 4.2 2.7 4.1#

164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 51.337 ng

RT: 9.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

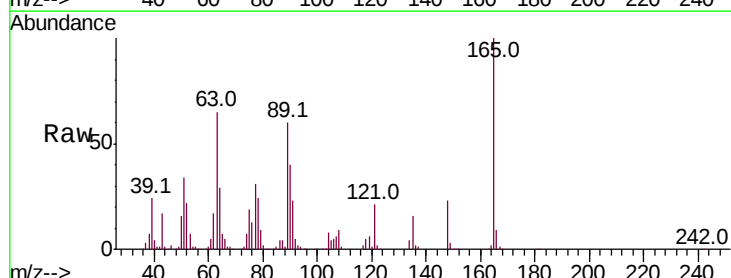
Tgt Ion:165 Resp: 249893

Ion Ratio Lower Upper

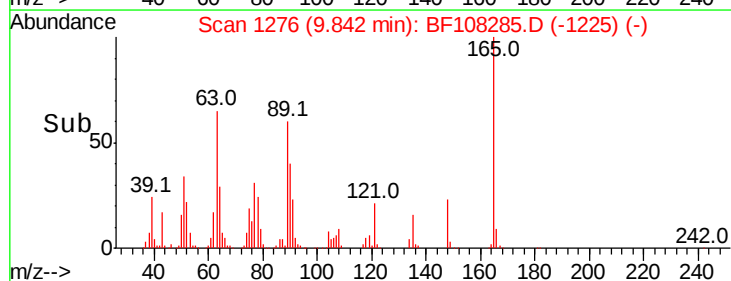
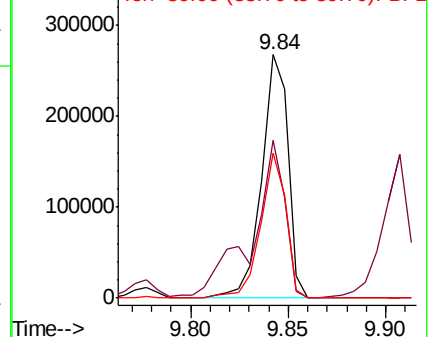
165 100

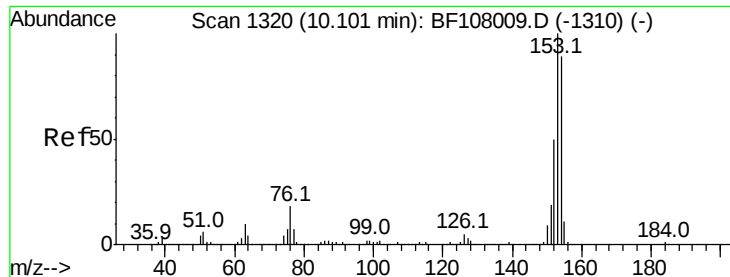
63 65.1 44.7 67.1

89 59.7 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 47.959 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Instrument :

BNA_F

ClientSampleId :

PB112152BS

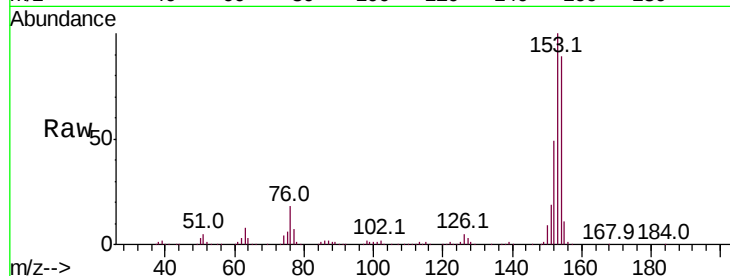
Tot Ion:154 Resp: 903861

Ion Ratio Lower Upper

154 100

153 112.0 91.2 136.8

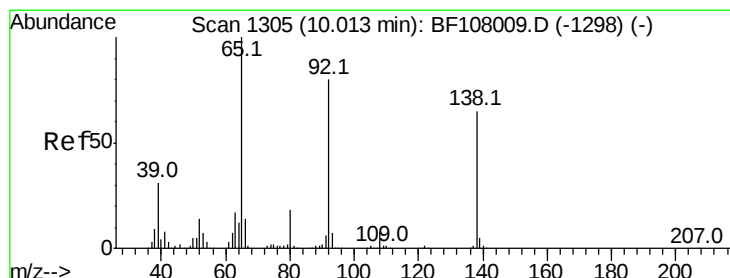
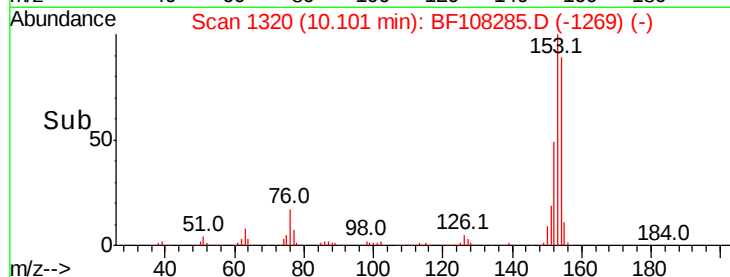
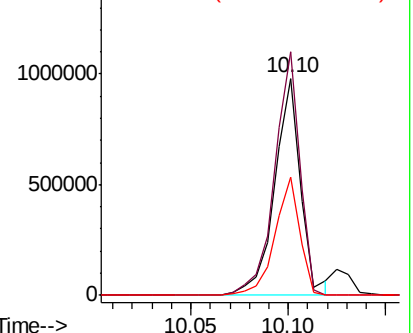
152 54.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.084 ng

RT: 10.02 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

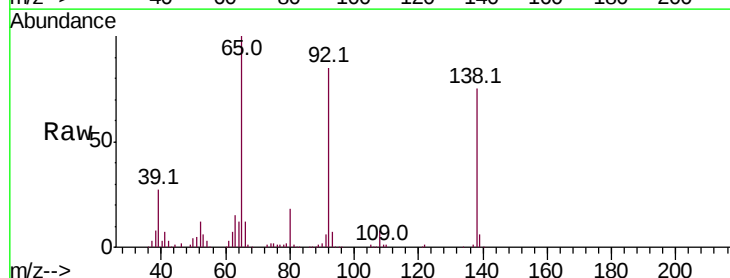
Tgt Ion:138 Resp: 197502

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

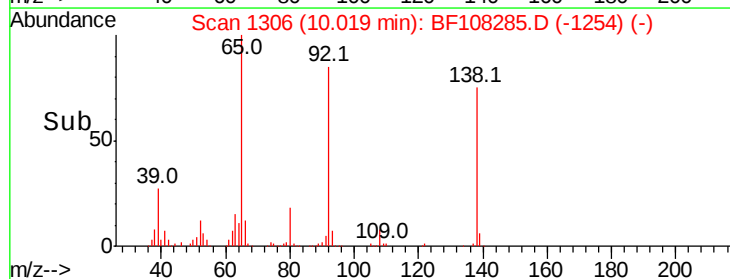
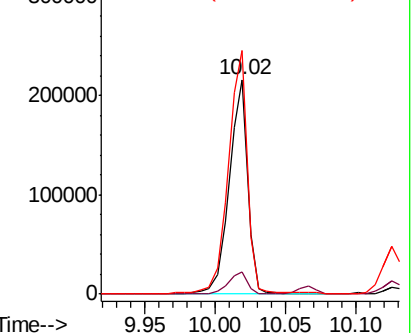
92 113.4 89.4 134.2

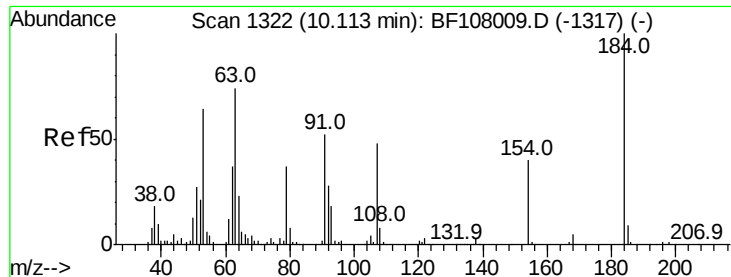


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

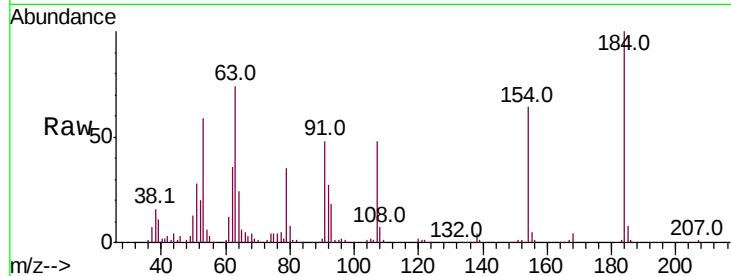




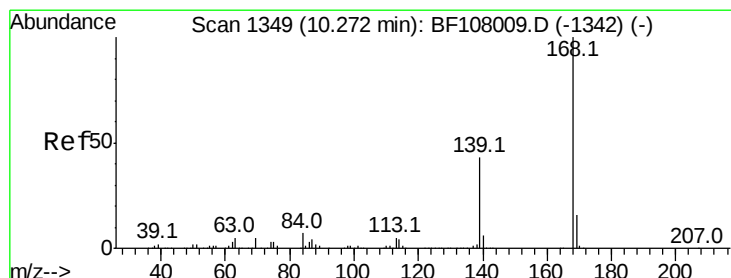
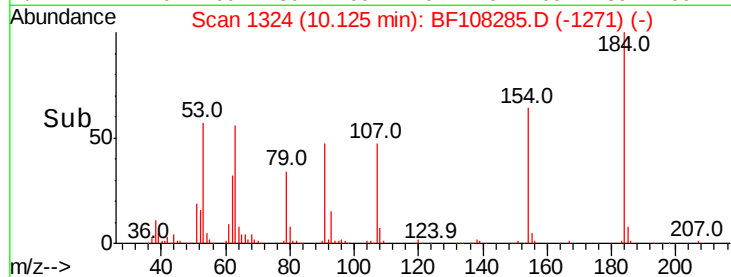
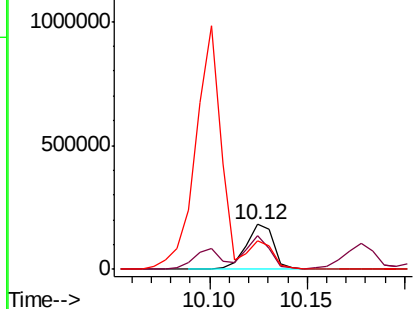
#53
 2,4-Dinitrophenol
 Concen: 97.189 ng
 RT: 10.12 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112152BS

Tot Ion:184 Resp: 180060
 Ion Ratio Lower Upper
 184 100
 63 74.2 54.2 81.2
 154 63.6 184.0 276.0#

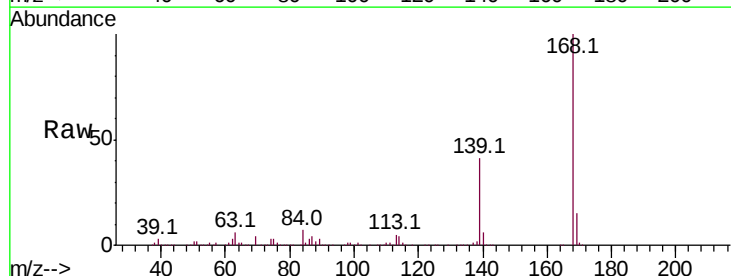


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

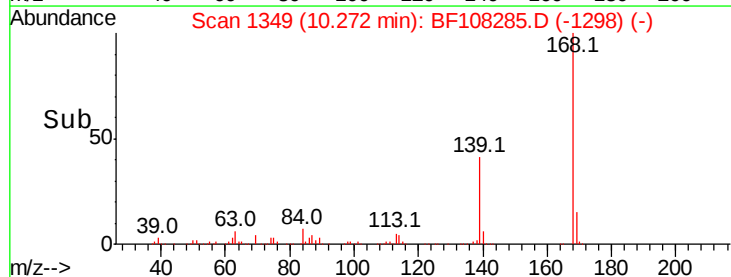
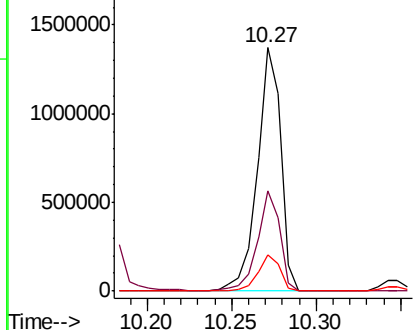


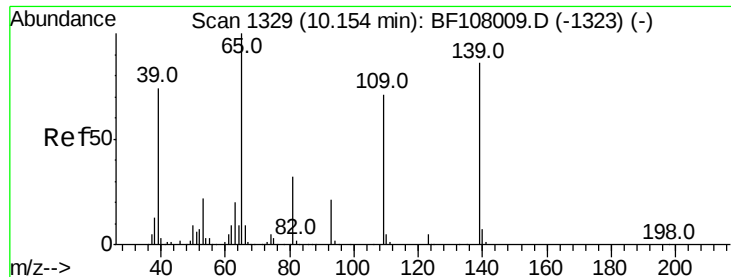
#54
 Dibenzofuran
 Concen: 48.483 ng
 RT: 10.27 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Tgt Ion:168 Resp: 1323801
 Ion Ratio Lower Upper
 168 100
 139 41.1 30.1 45.1
 169 15.2 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 92.800 ng

RT: 10.18 min Scan# 1333

Delta R.T. 0.02 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Instrument :

BNA_F

ClientSampleId :

PB112152BS

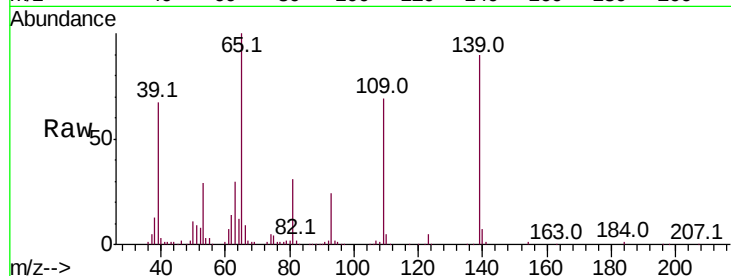
Tot Ion:139 Resp: 374260

Ion Ratio Lower Upper

139 100

109 76.7 48.4 88.4

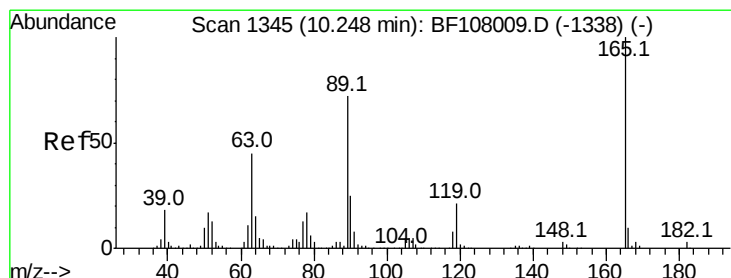
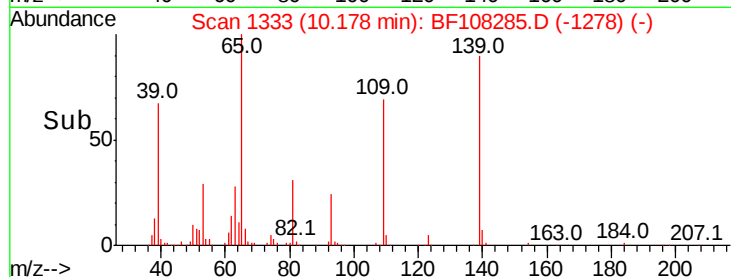
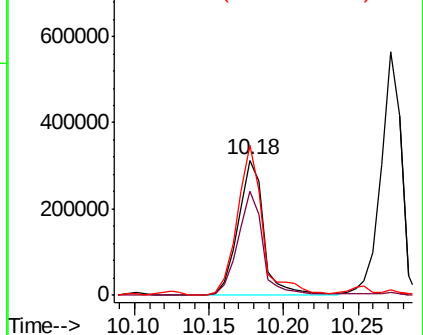
65 111.5 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 54.419 ng

RT: 10.25 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Tgt Ion:165 Resp: 340966

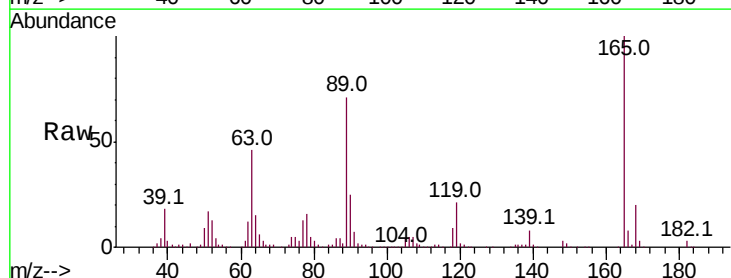
Ion Ratio Lower Upper

165 100

63 45.9 36.4 54.6

89 70.8 57.8 86.6

182 2.5 1.6 2.4#

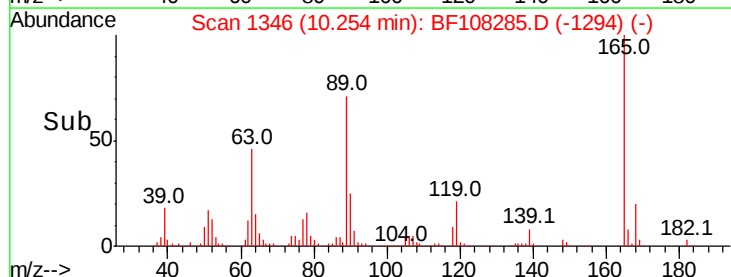
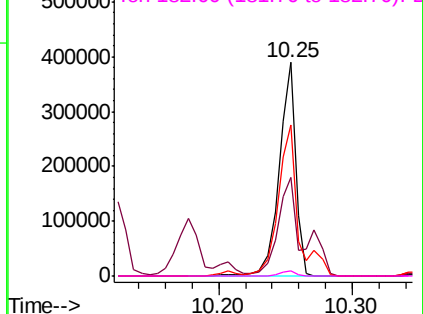


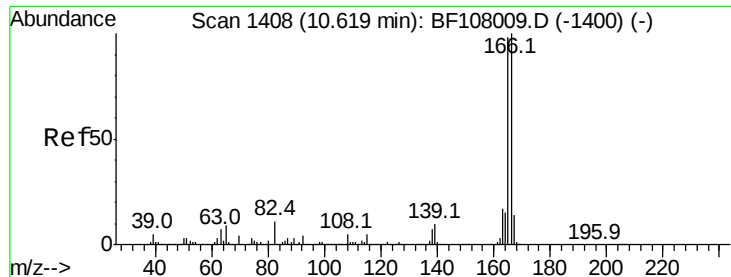
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 48.816 ng

RT: 10.62 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Instrument :

BNA_F

ClientSampleId :

PB112152BS

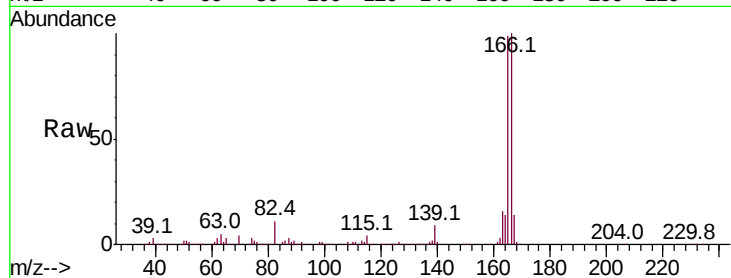
Tot Ion:166 Resp: 1055137

Ion Ratio Lower Upper

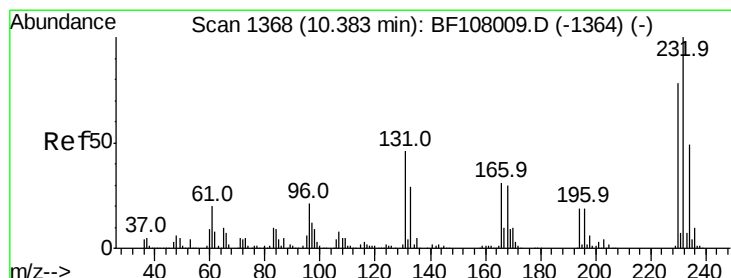
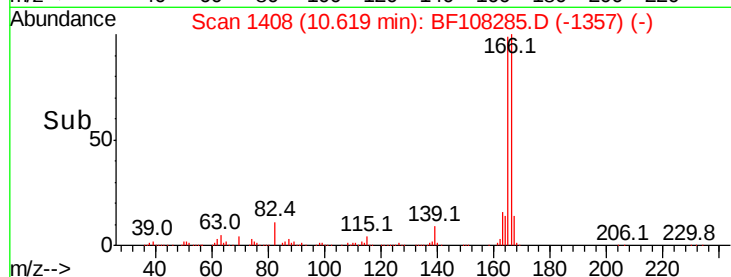
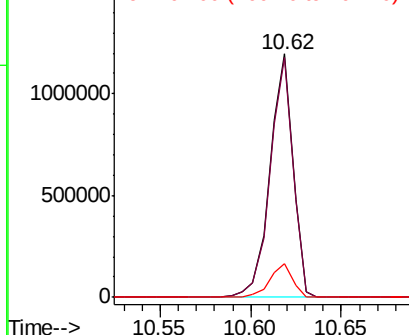
166 100

165 98.7 79.8 119.8

167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.371 ng

RT: 10.39 min Scan# 1369

Delta R.T. 0.01 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Tgt Ion:232 Resp: 306698

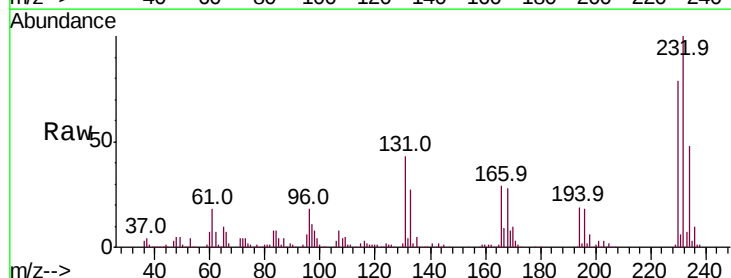
Ion Ratio Lower Upper

232 100

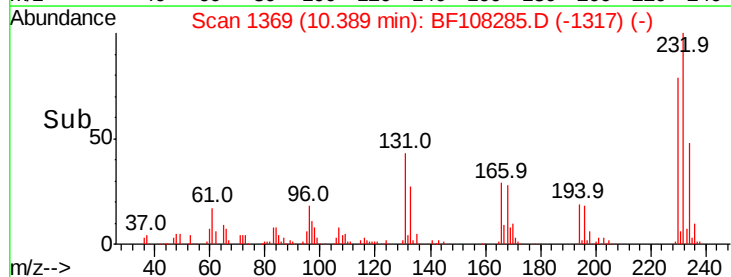
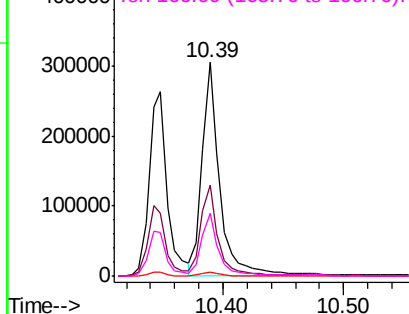
131 42.3 43.8 65.8#

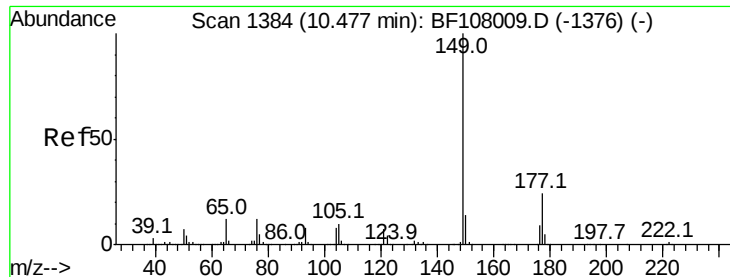
130 2.0 2.1 3.1#

166 28.0 27.8 41.6



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 48.203 ng

RT: 10.48 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Instrument :

BNA_F

ClientSampleId :

PB112152BS

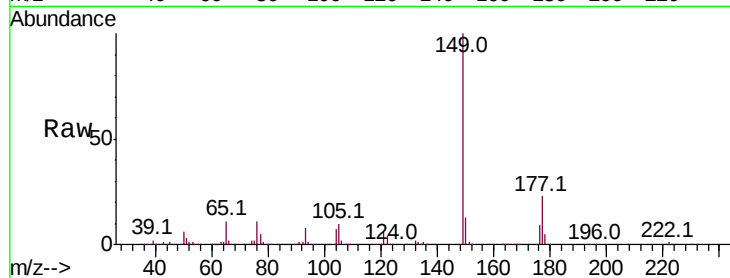
Tot Ion:149 Resp: 1085966

Ion Ratio Lower Upper

149 100

177 23.5 16.1 24.1

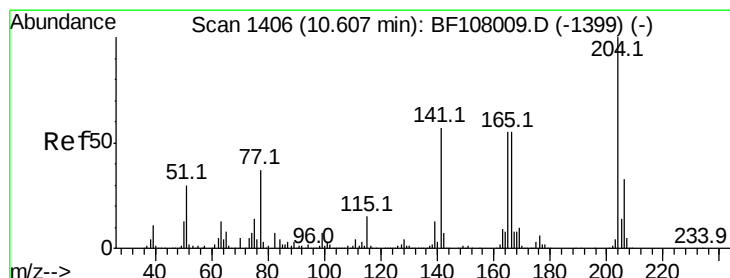
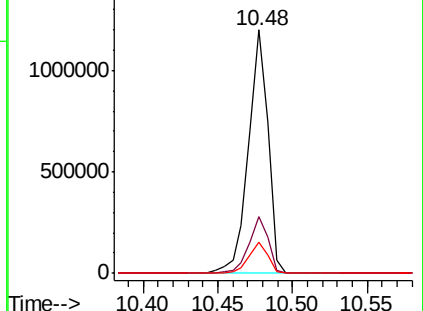
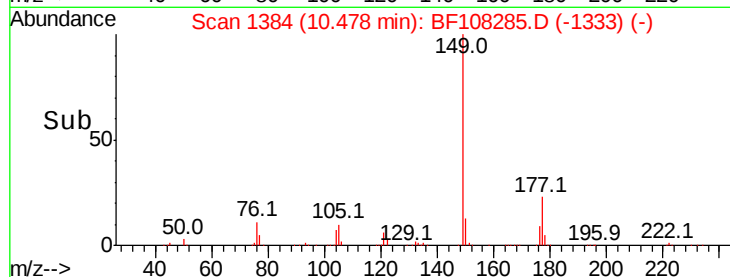
150 12.9 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 48.156 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

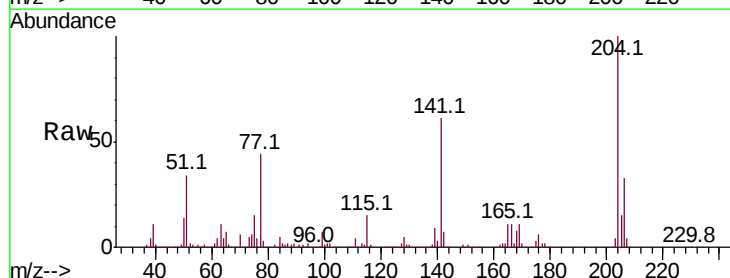
Tgt Ion:204 Resp: 542365

Ion Ratio Lower Upper

204 100

206 32.8 26.5 39.7

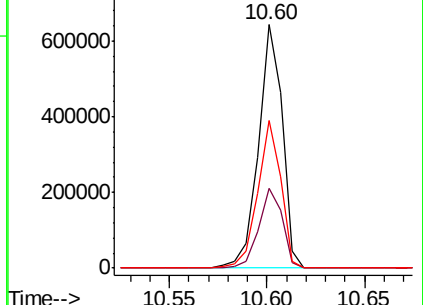
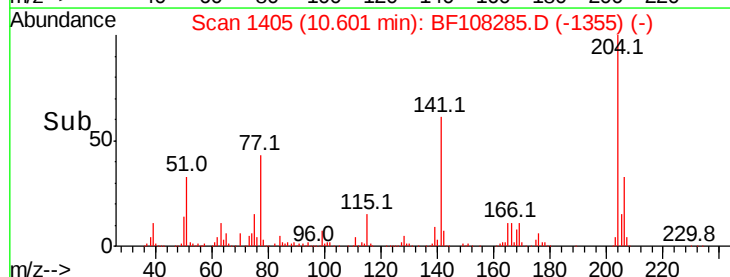
141 60.8 54.6 81.8

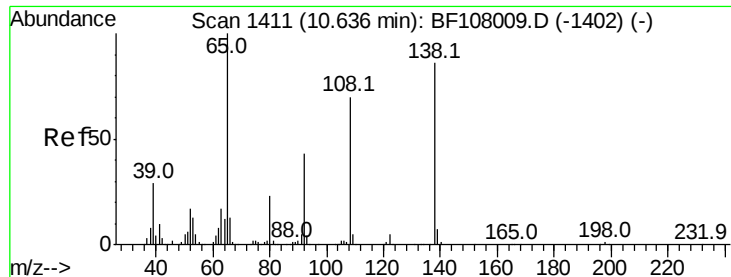


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 50.894 ng

RT: 10.64 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Instrument :

BNA_F

ClientSampleId :

PB112152BS

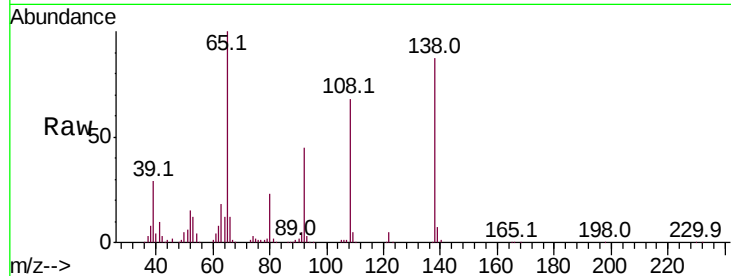
Tot Ion:138 Resp: 267985

Ion Ratio Lower Upper

138 100

92 51.6 30.2 70.2

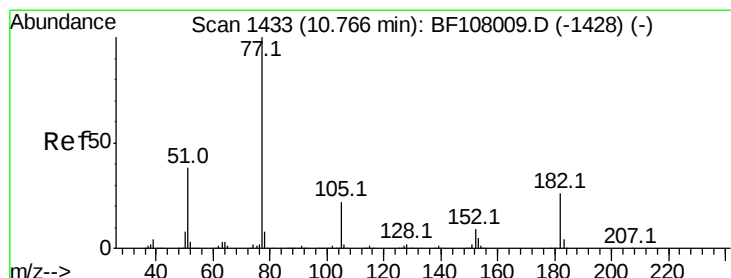
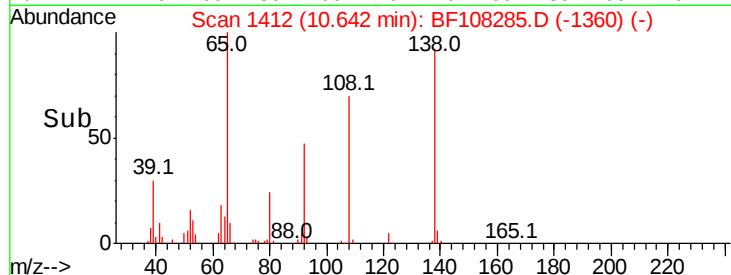
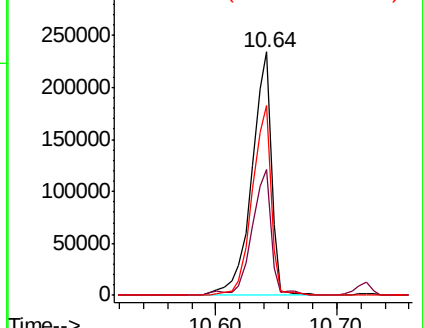
108 77.8 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.268 ng

RT: 10.77 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Tgt Ion: 77 Resp: 1099747

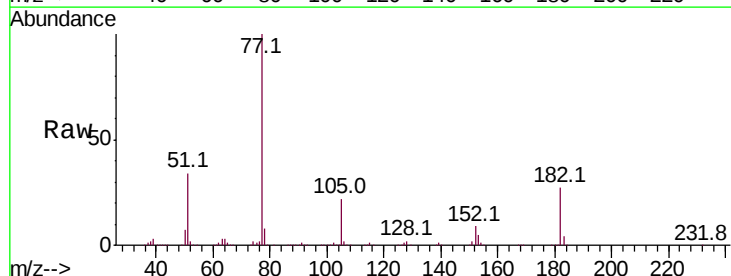
Ion Ratio Lower Upper

77 100

182 27.4 1.7 41.7

105 21.9 3.0 43.0

51 33.7 9.9 49.9

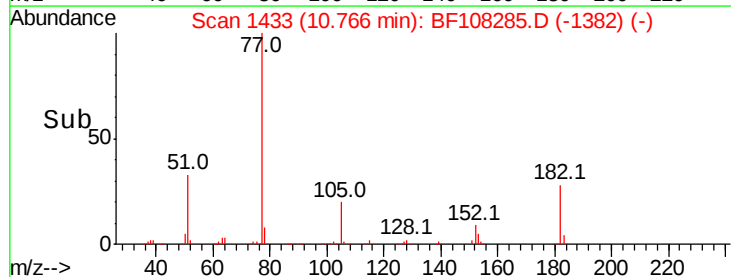
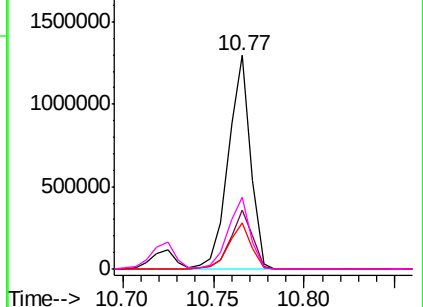


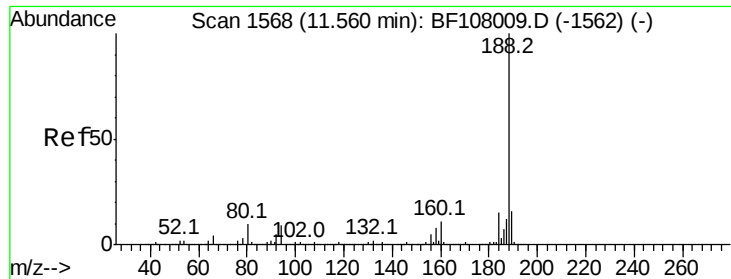
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

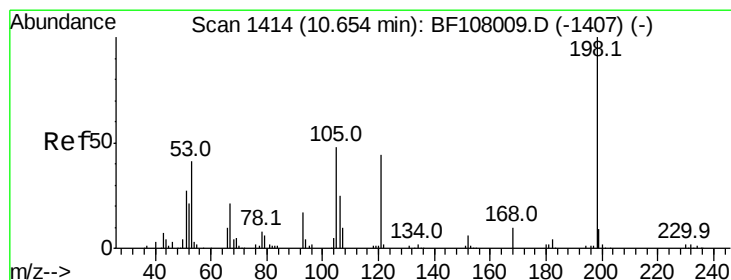
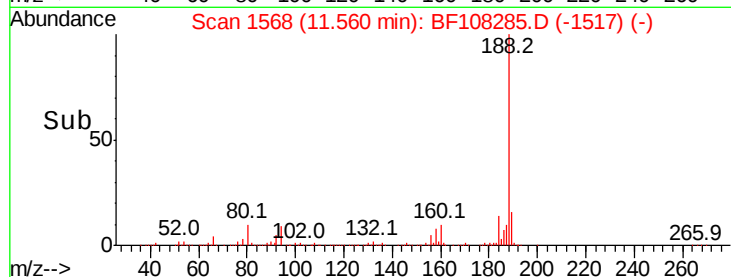
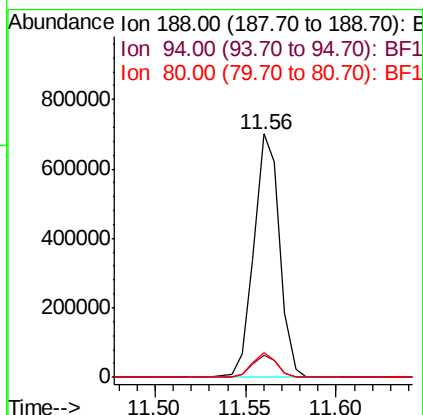
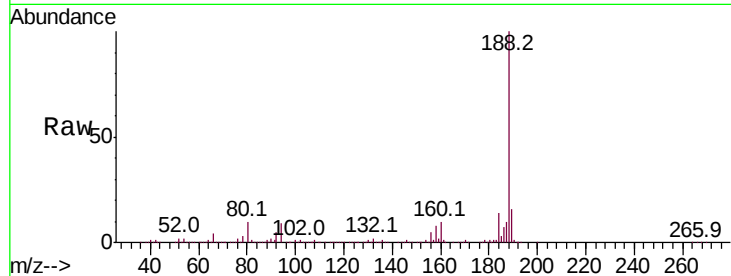




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

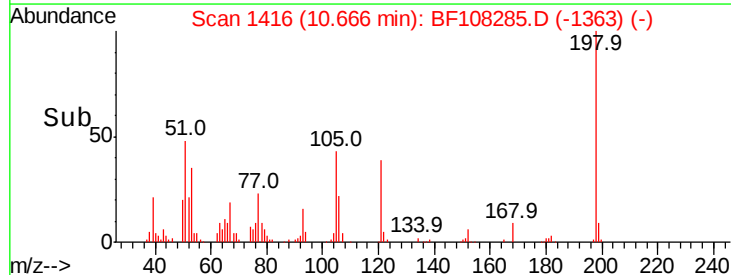
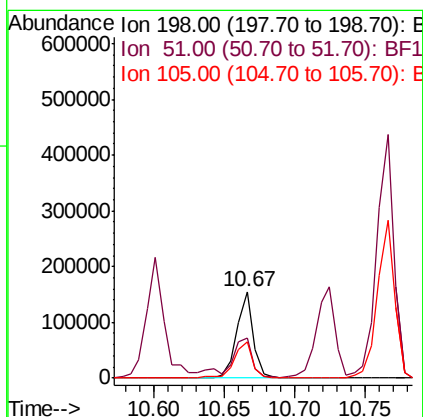
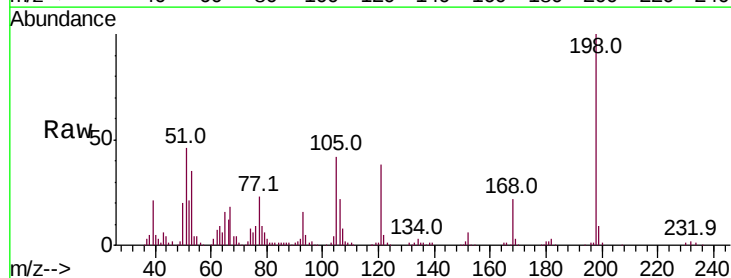
Instrument :
BNA_F
ClientSampleId :
PB112152BS

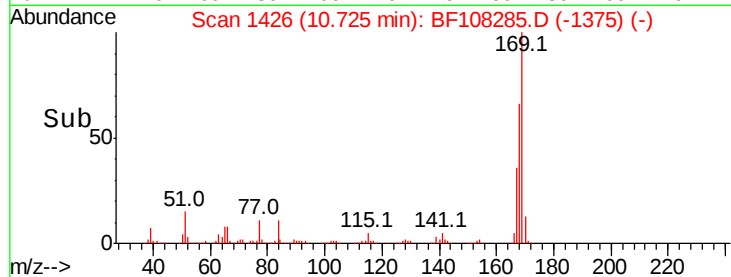
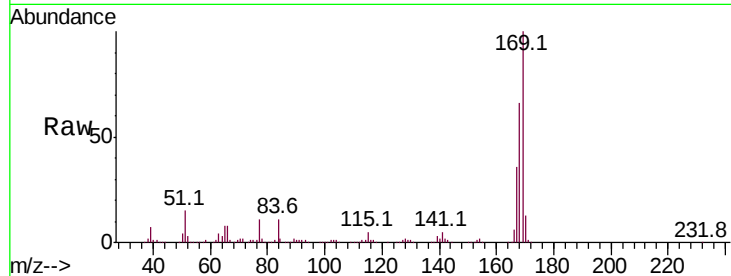
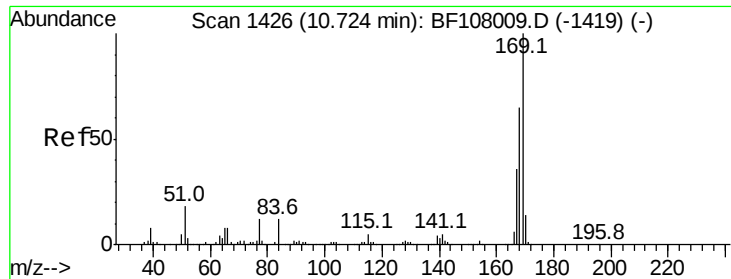
Tot Ion:188 Resp: 686626
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 10.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 48.541 ng
RT: 10.67 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tgt Ion:198 Resp: 125307
Ion Ratio Lower Upper
198 100
51 46.5 37.7 77.7
105 41.6 36.3 76.3

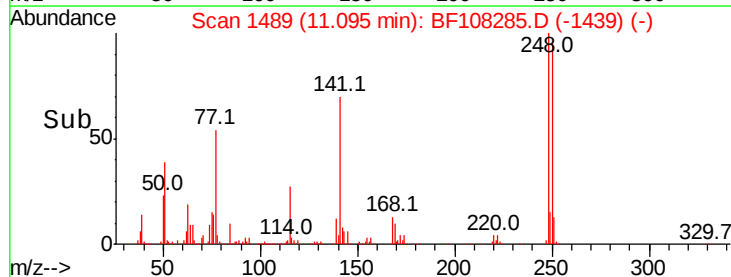
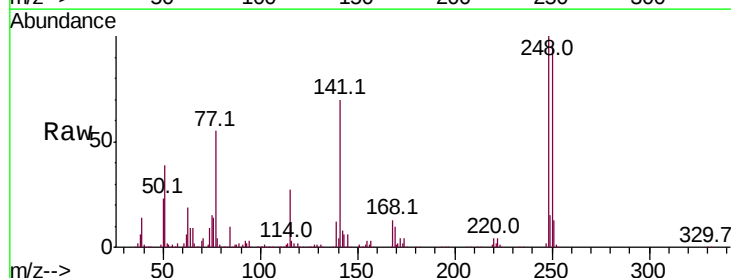
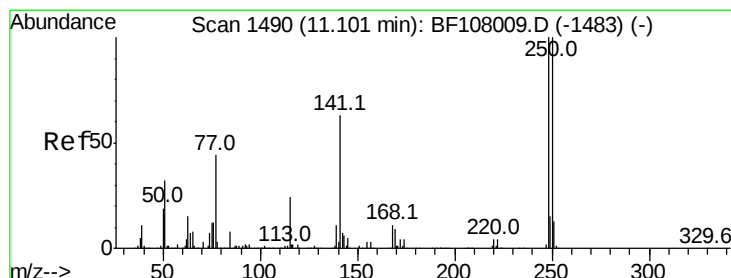
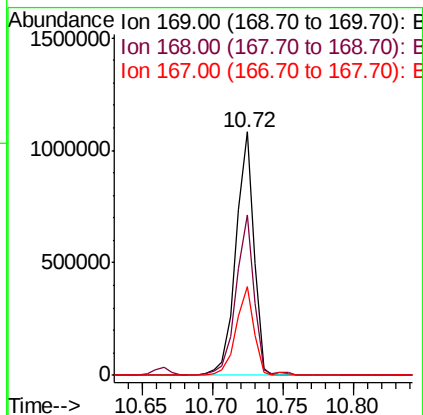




#65
n-Nitrosodiphenylamine
Concen: 47.248 ng
RT: 10.72 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

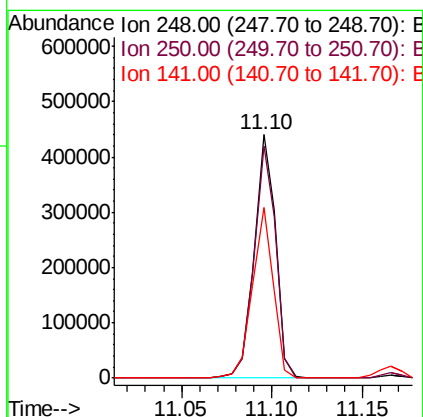
Instrument :
BNA_F
ClientSampleId :
PB112152BS

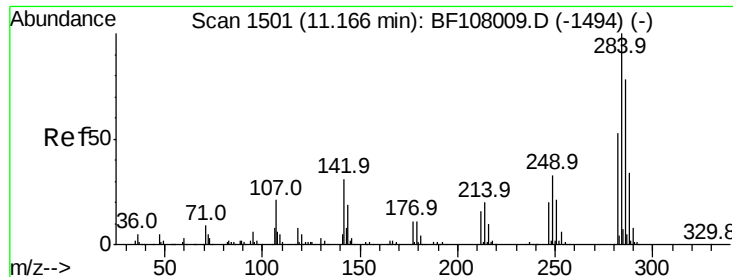
Tot Ion	Ratio	Lower	Upper
169	100		
168	65.7	54.4	81.6
167	36.4	29.8	44.6



#66
4-Bromophenyl-phenylether
Concen: 48.415 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.4	76.9	115.3
141	70.1	74.4	111.6#

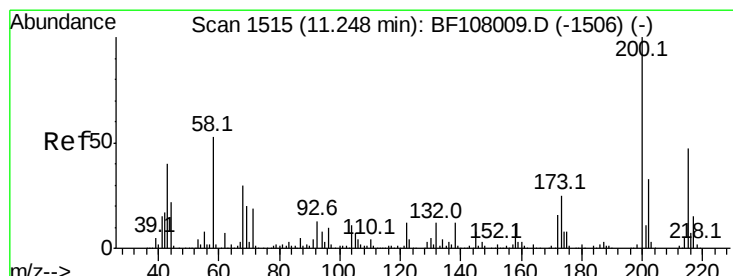
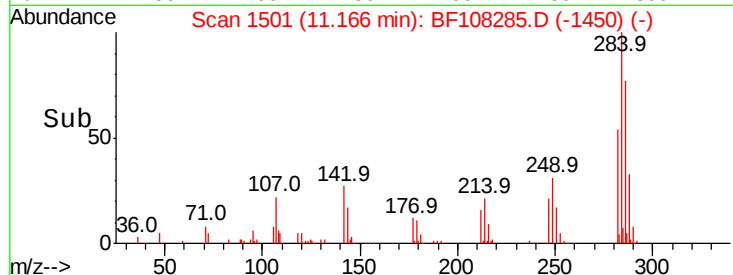
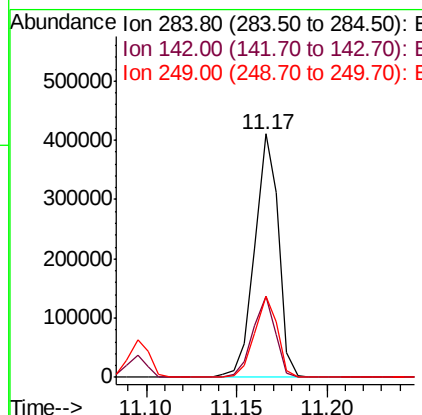
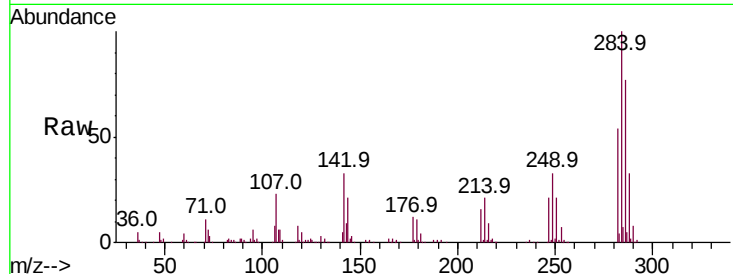




#67
Hexachlorobenzene
Concen: 47.469 ng
RT: 11.17 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

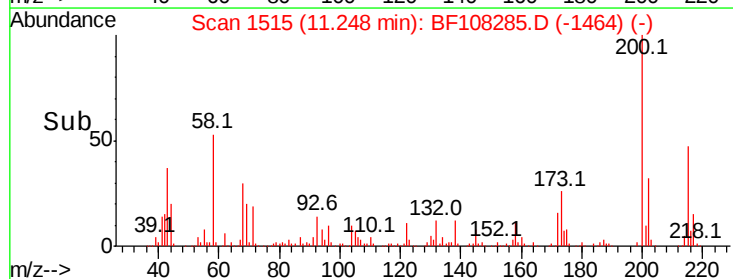
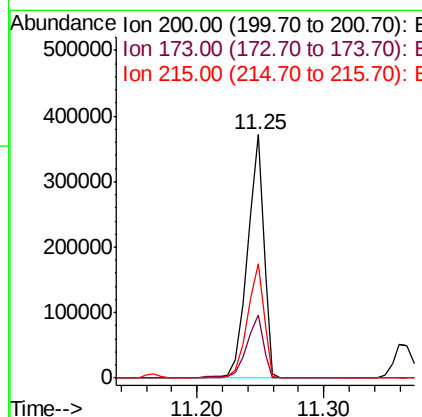
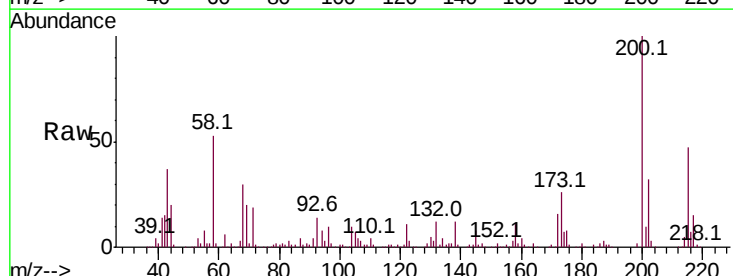
Instrument :
BNA_F
ClientSampled :
PB112152BS

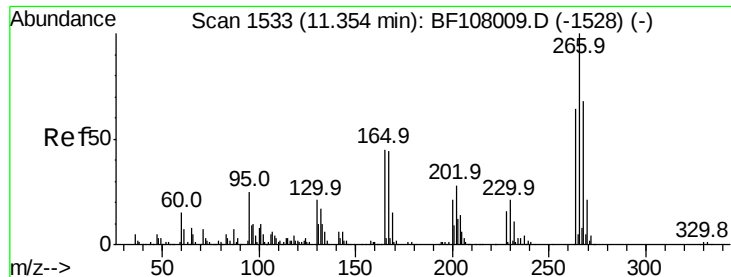
Tot Ion:284 Resp: 372683
Ion Ratio Lower Upper
284 100
142 33.4 34.6 52.0#
249 33.1 24.8 37.2



#68
Atrazine
Concen: 48.345 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tgt Ion:200 Resp: 329016
Ion Ratio Lower Upper
200 100
173 25.9 8.6 48.6
215 46.9 25.1 65.1

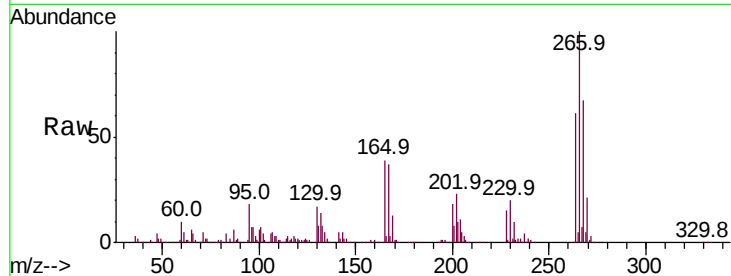




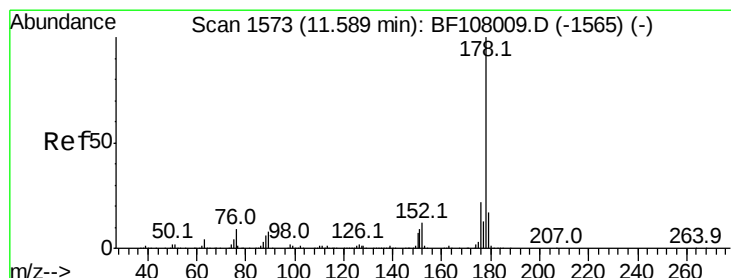
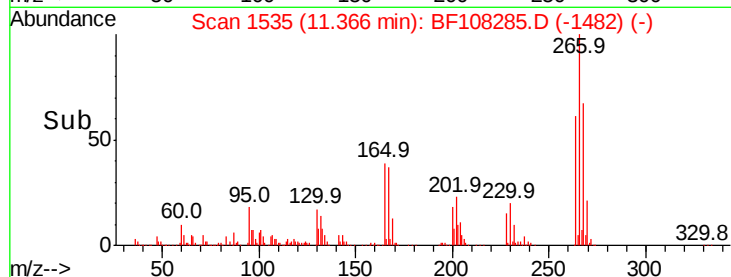
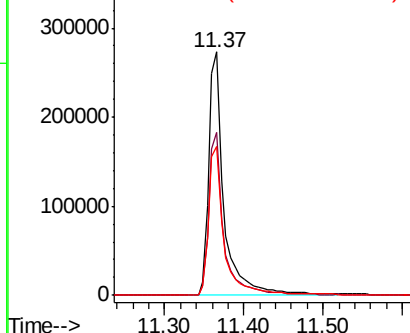
#69
 Pentachlorophenol
 Concen: 97.536 ng
 RT: 11.37 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112152BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.2	51.1	76.7
264	61.2	49.5	74.3

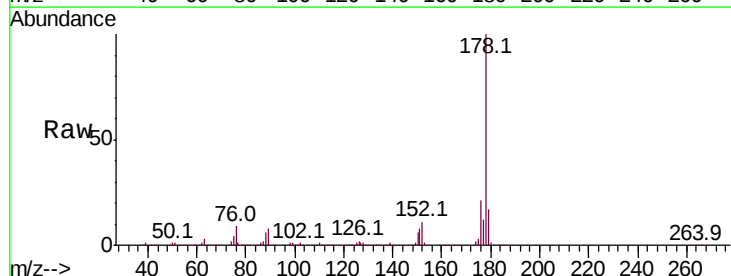


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

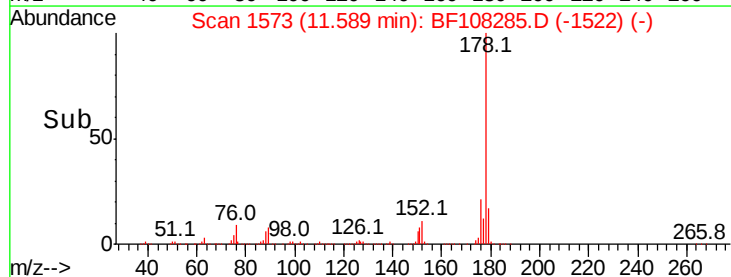
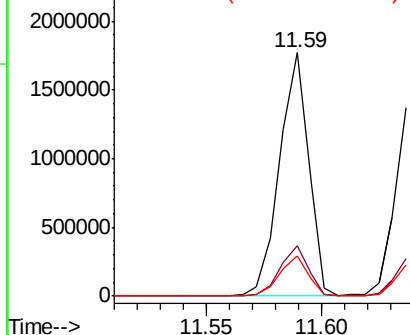


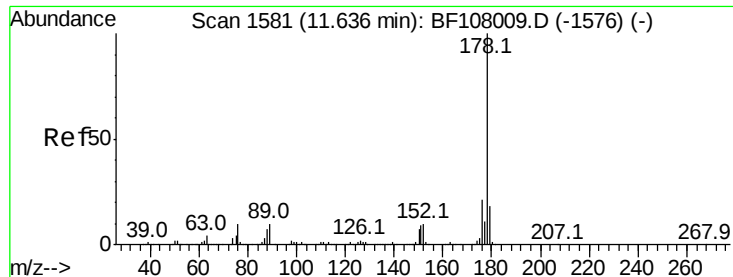
#70
 Phenanthrene
 Concen: 47.831 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.8	23.8
179	16.6	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

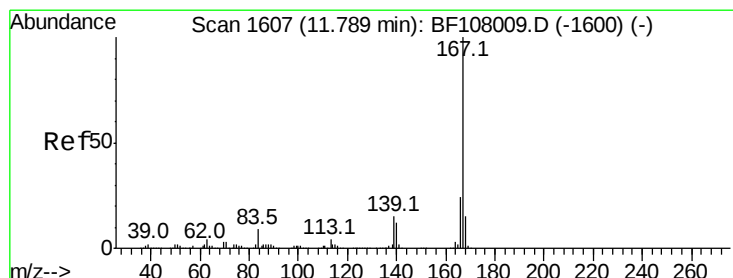
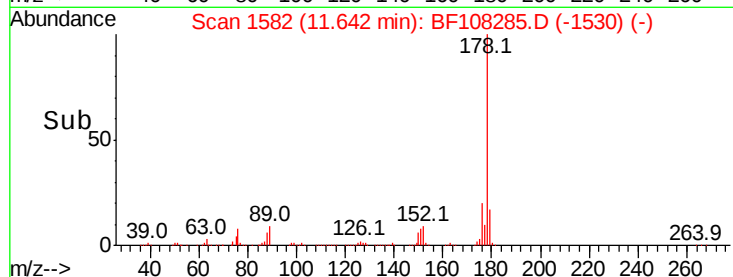
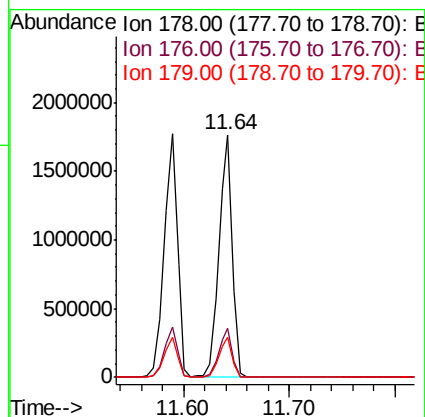
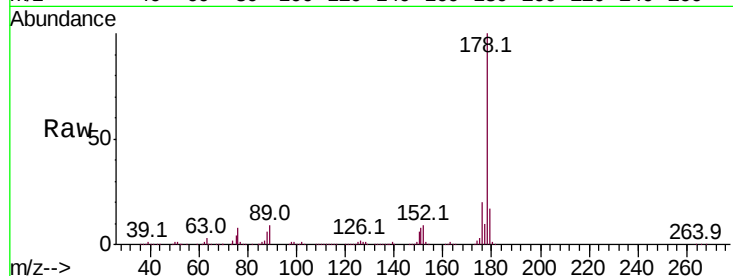




#71
 Anthracene
 Concen: 47.982 ng
 RT: 11.64 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

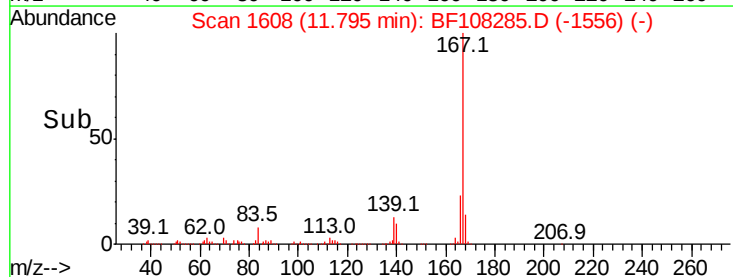
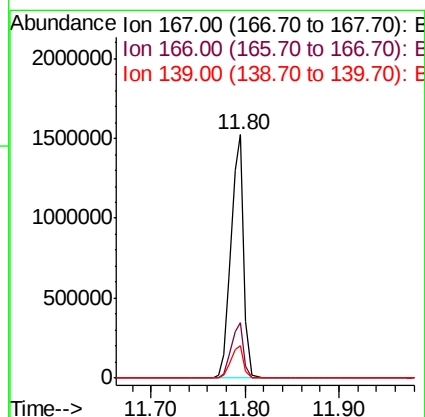
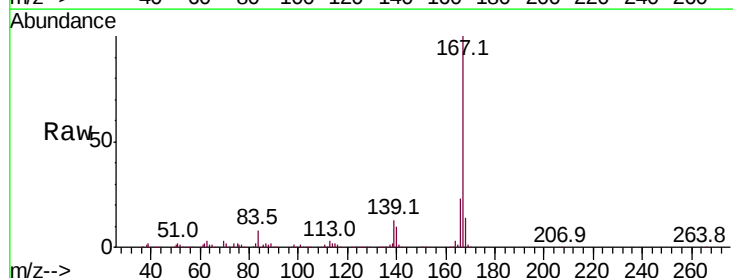
Instrument :
 BNA_F
 ClientSampleId :
 PB112152BS

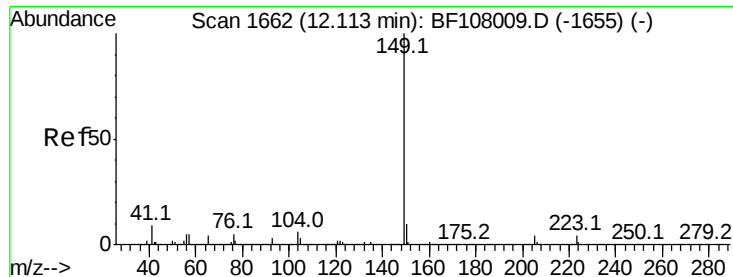
Tot Ion:178 Resp: 1592674
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.4 23.2
 179 16.8 12.6 19.0



#72
 Carbazole
 Concen: 48.323 ng
 RT: 11.80 min Scan# 1608
 Delta R.T. 0.01 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Tgt Ion:167 Resp: 1425099
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 13.4 10.9 16.3

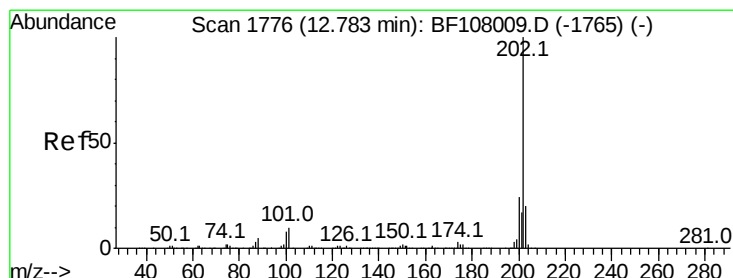
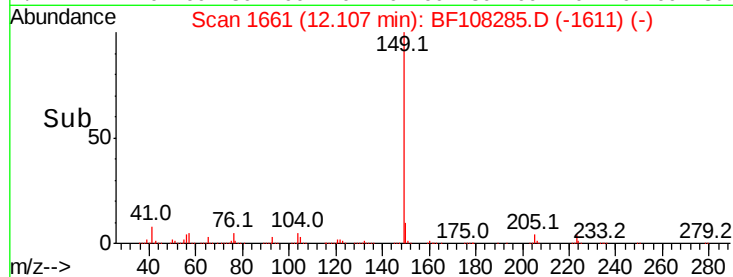
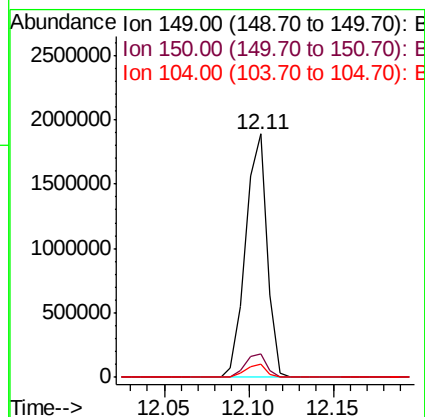
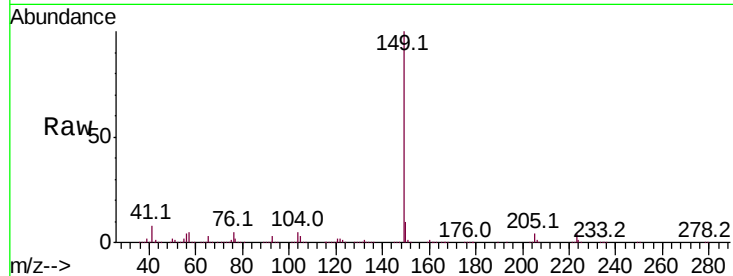




#73
Di-n-butylphthalate
Concen: 50.254 ng
RT: 12.11 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

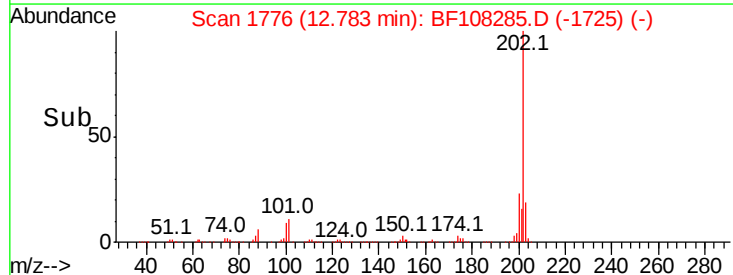
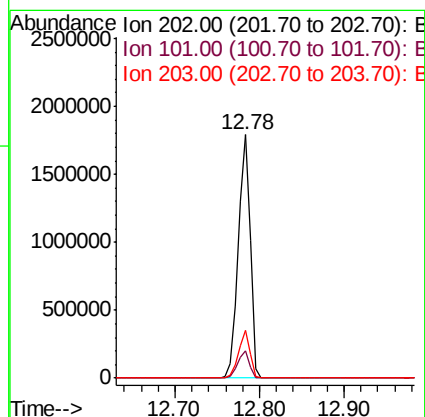
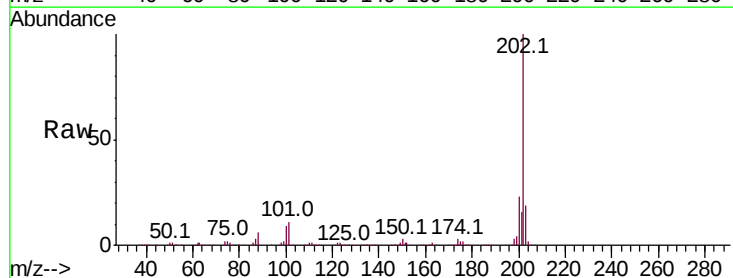
Instrument :
BNA_F
ClientSampleId :
PB112152BS

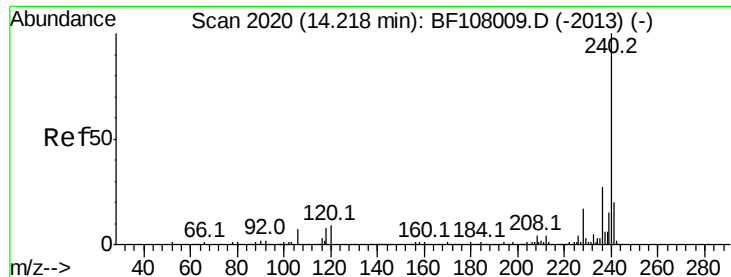
Tot Ion:149 Resp: 1678696
Ion Ratio Lower Upper
149 100
150 9.8 7.8 11.6
104 5.4 3.8 5.8



#74
Fluoranthene
Concen: 48.510 ng
RT: 12.78 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tgt Ion:202 Resp: 1714591
Ion Ratio Lower Upper
202 100
101 11.3 0.0 34.1
203 19.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Instrument :

BNA_F

ClientSampleId :

PB112152BS

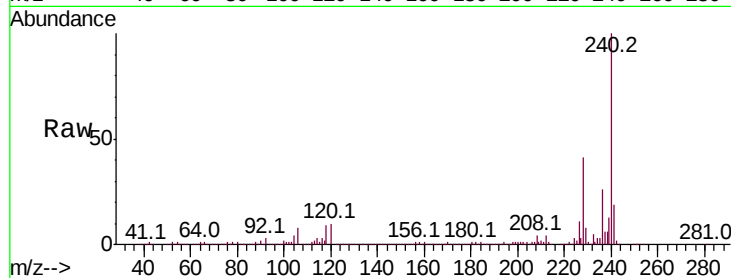
Tot Ion:240 Resp: 545887

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

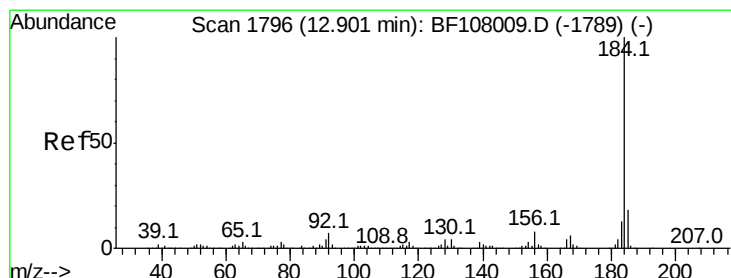
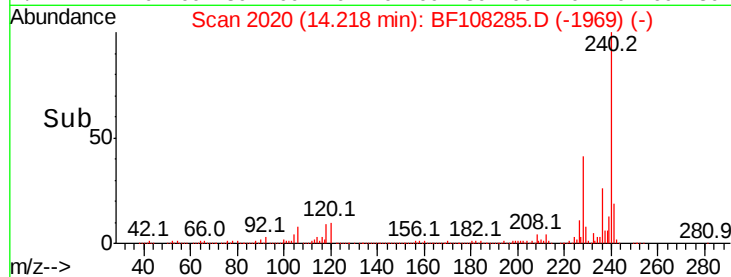
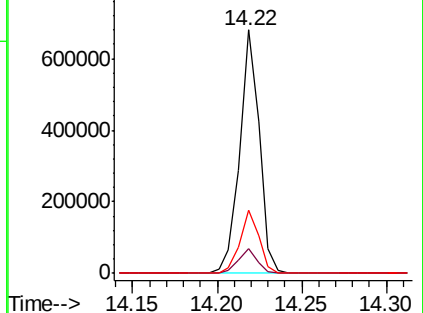
236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.307 ng

RT: 12.90 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

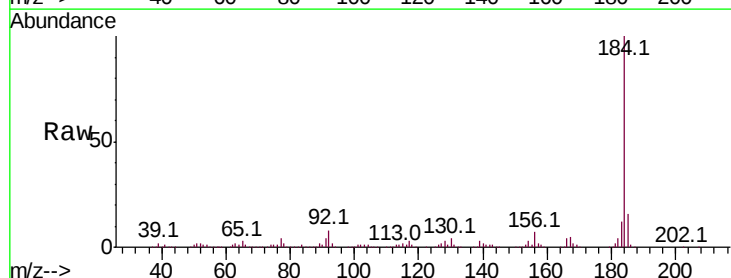
Tgt Ion:184 Resp: 720102

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

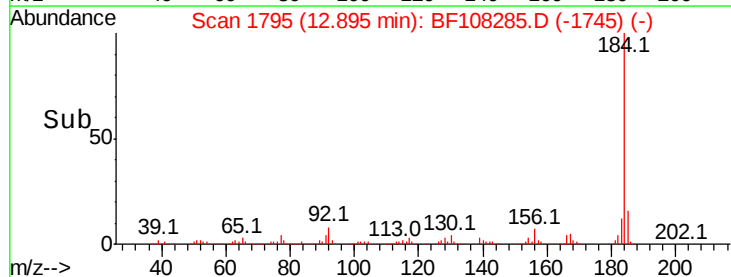
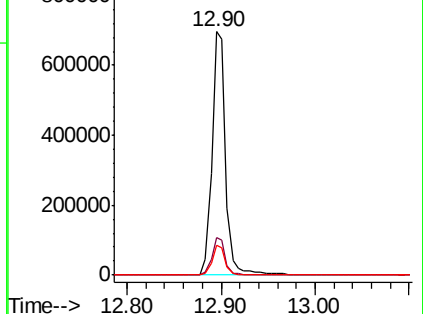
183 12.1 9.3 13.9

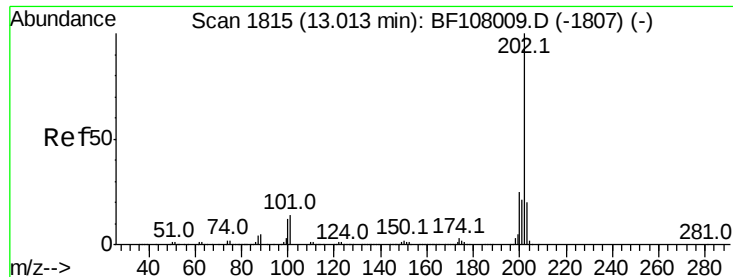


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

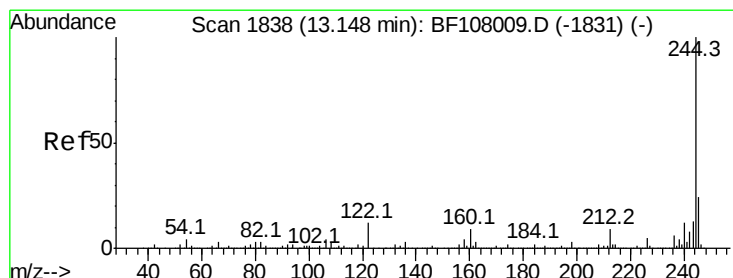
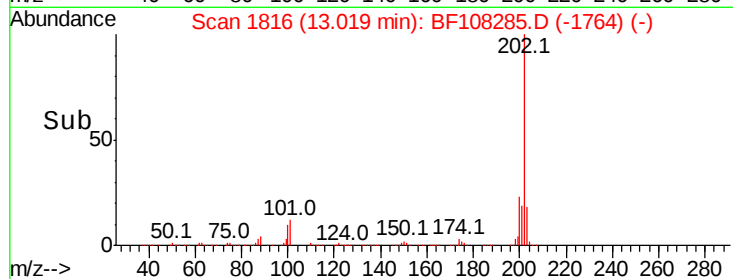
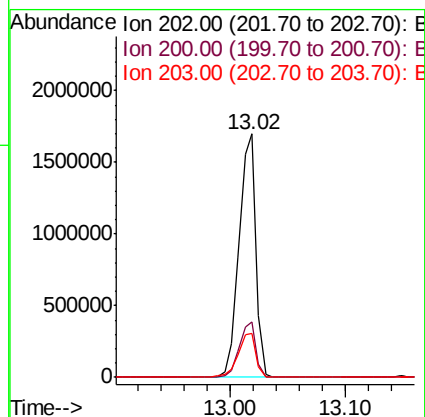
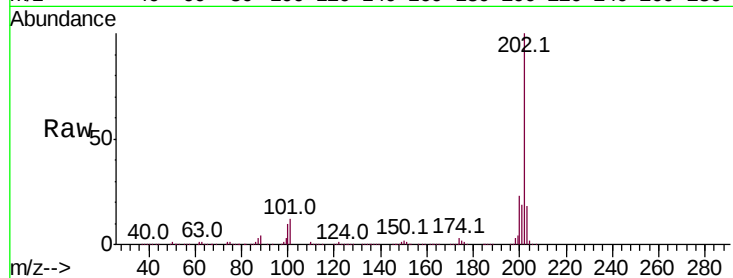




#77
Pvrene
Concen: 49.462 ng
RT: 13.02 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

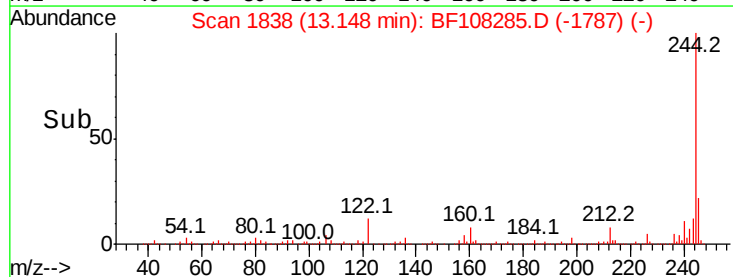
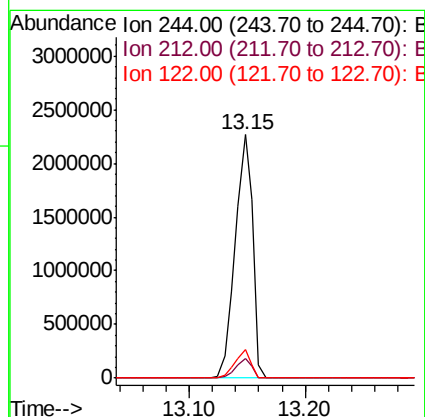
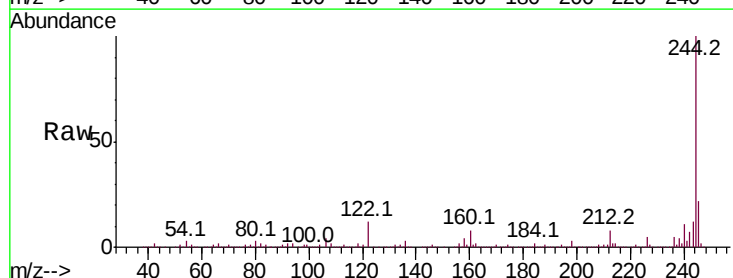
Instrument :
BNA_F
ClientSampleId :
PB112152BS

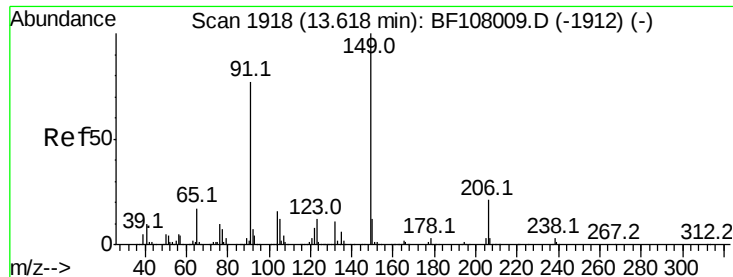
Tot Ion:202 Resp: 1709433
Ion Ratio Lower Upper
202 100
200 22.6 17.4 26.2
203 18.1 14.3 21.5



#78
Terphenyl-d14
Concen: 110.151 ng
RT: 13.15 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tgt Ion:244 Resp: 2364921
Ion Ratio Lower Upper
244 100
212 8.0 5.4 8.0
122 11.6 11.0 16.4

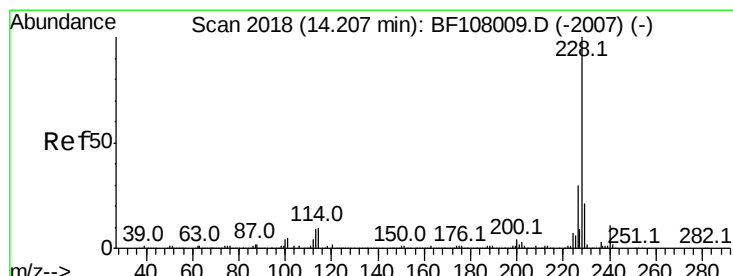
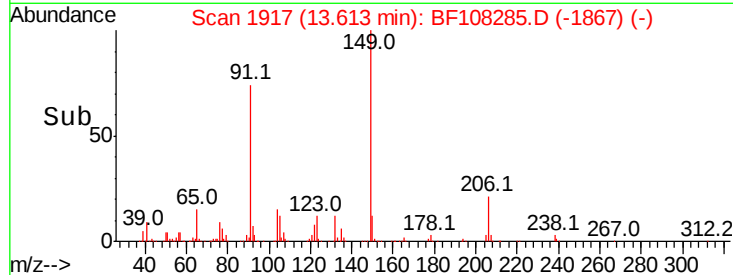
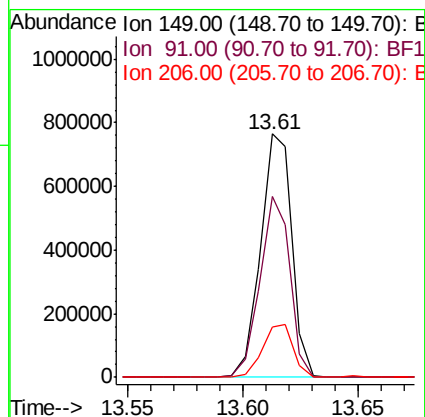
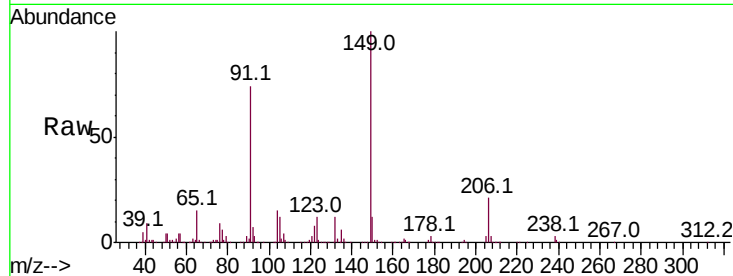




#79
Butylbenzylphthalate
Concen: 52.551 ng
RT: 13.61 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

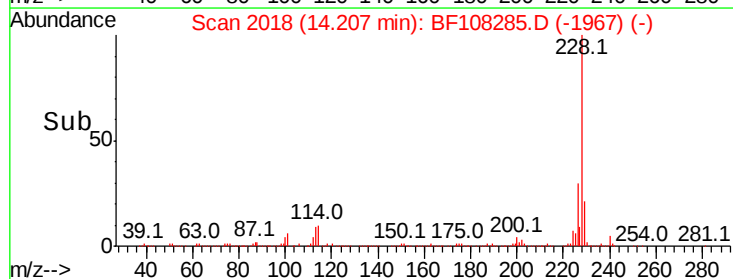
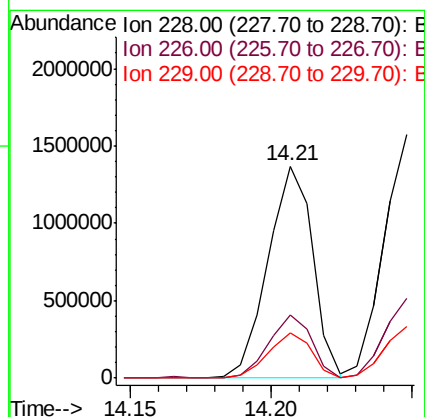
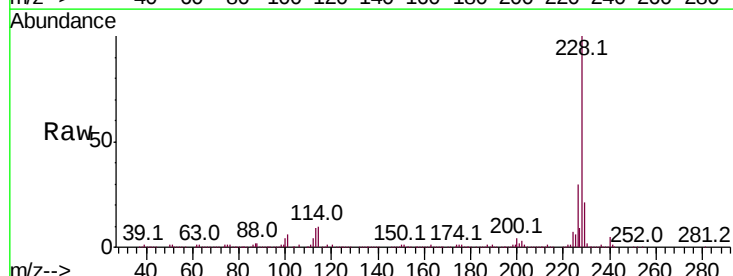
Instrument :
BNA_F
ClientSampleId :
PB112152BS

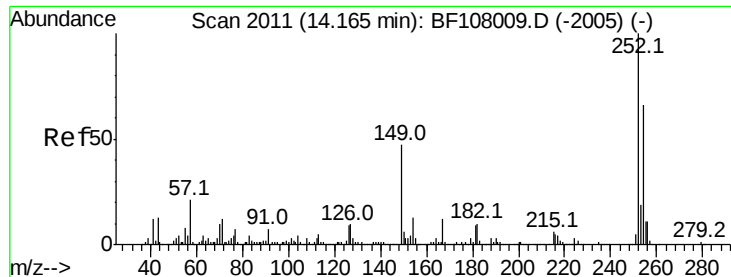
Tot Ion:149 Resp: 721173
Ion Ratio Lower Upper
149 100
91 74.4 56.8 85.2
206 20.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 47.894 ng
RT: 14.21 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tgt Ion:228 Resp: 1500445
Ion Ratio Lower Upper
228 100
226 29.5 22.6 33.8
229 21.1 15.8 23.6

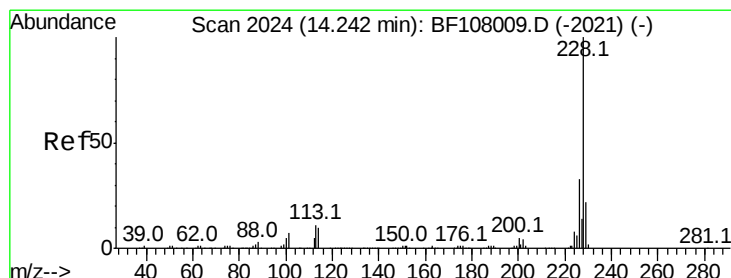
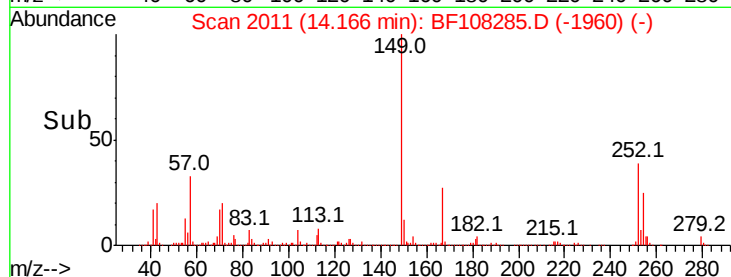
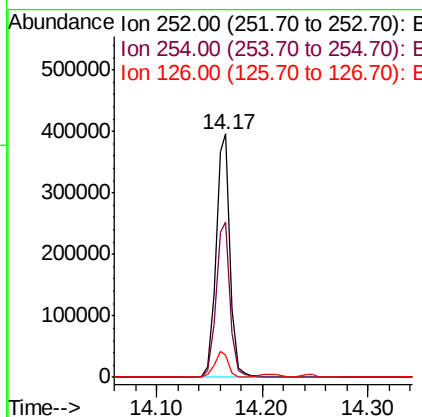
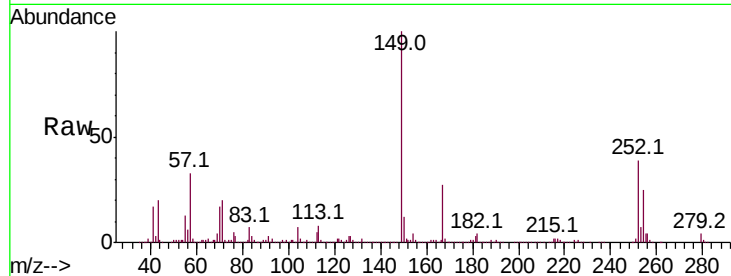




#81
 3,3'-Dichlorobenzidine
 Concen: 33.503 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

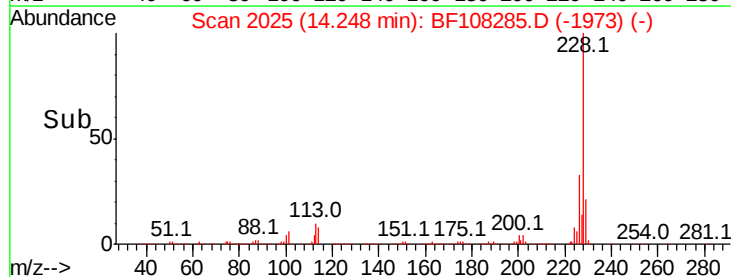
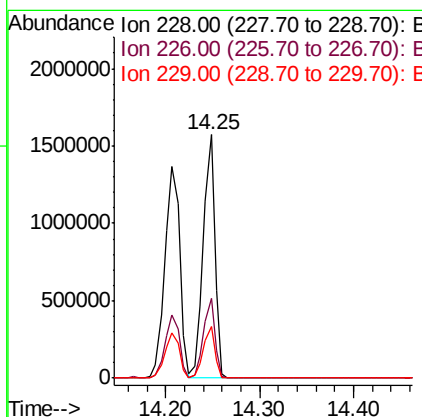
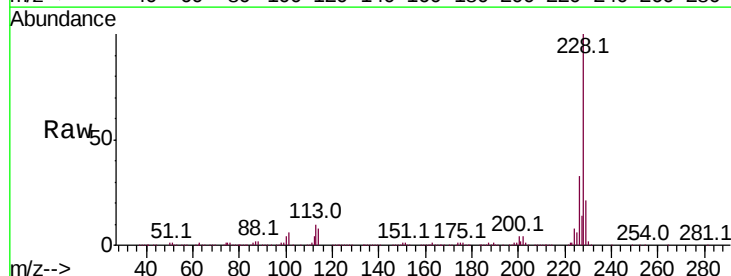
Instrument :
 BNA_F
 ClientSampleId :
 PB112152BS

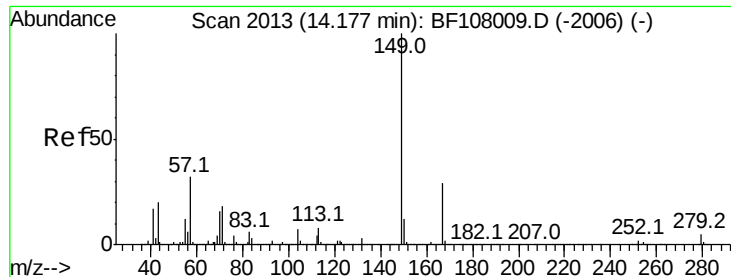
Tot Ion:252 Resp: 376152
 Ion Ratio Lower Upper
 252 100
 254 63.7 50.4 75.6
 126 8.9 11.3 16.9#



#82
 Chrysene
 Concen: 47.517 ng
 RT: 14.25 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Tgt Ion:228 Resp: 1364763
 Ion Ratio Lower Upper
 228 100
 226 32.9 25.0 37.6
 229 21.3 16.2 24.4

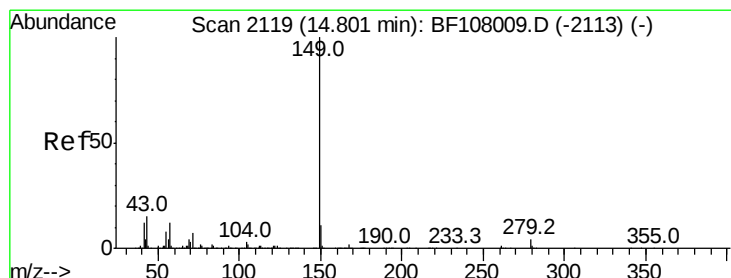
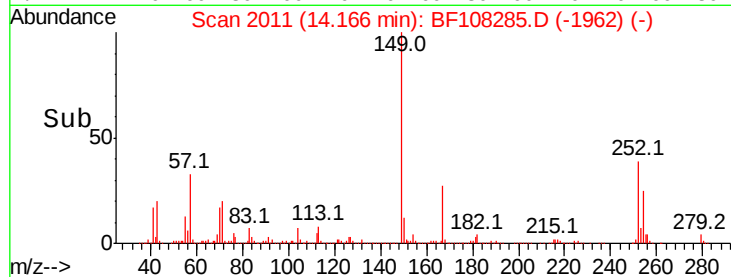
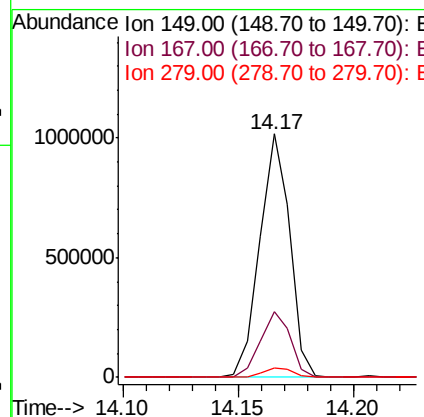
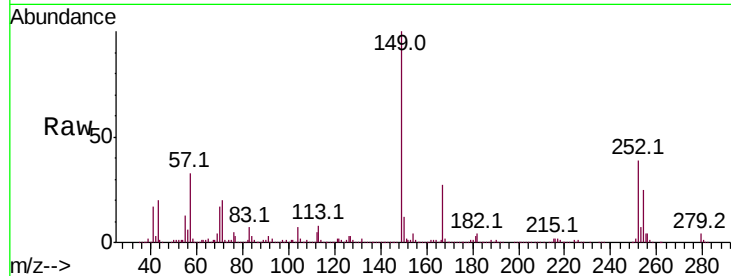




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.712 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

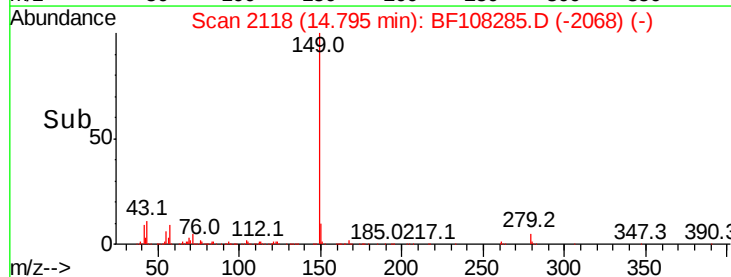
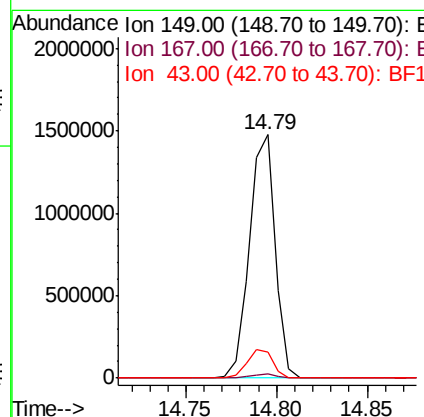
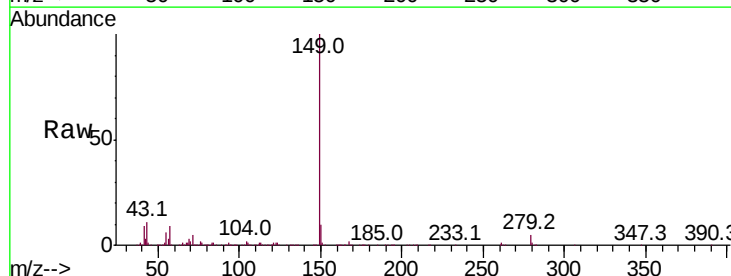
Instrument :
 BNA_F
 ClientSampleId :
 PB112152BS

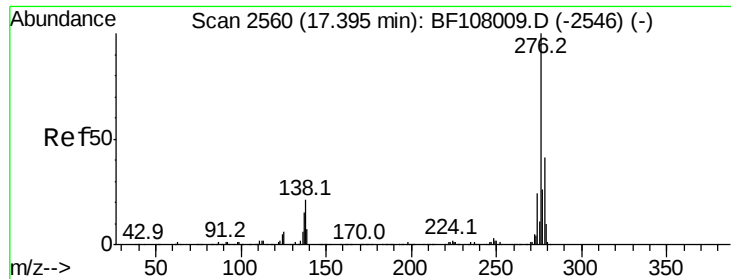
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.3	31.9
279	3.8	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 51.286 ng
 RT: 14.79 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.7	8.4	12.6



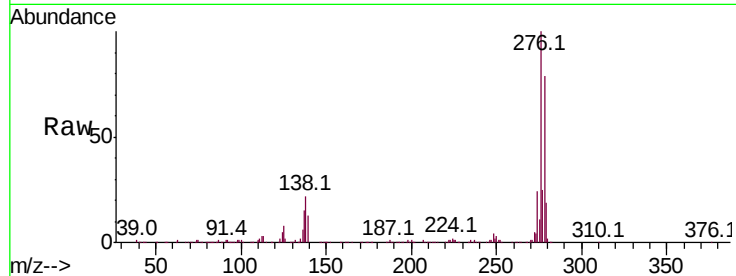


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.026 ng
 RT: 17.41 min Scan# 2563
 Delta R.T. 0.02 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

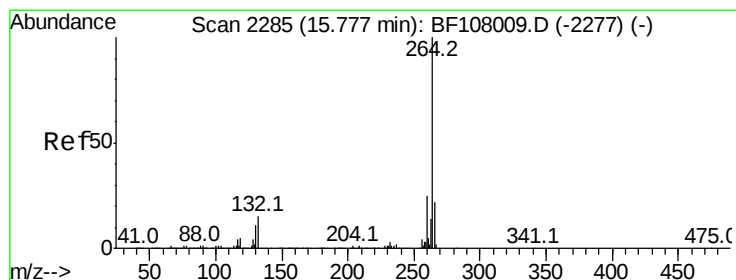
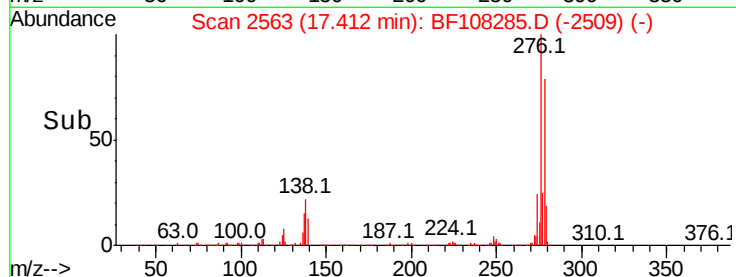
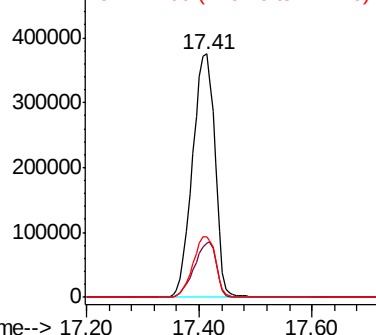
Instrument :
 BNA_F
 ClientSampleId :
 PB112152BS

Tot Ion:276 Resp: 1045850

Ion	Ratio	Lower	Upper
276	100		
138	22.2	25.0	37.6#
277	25.2	20.1	30.1



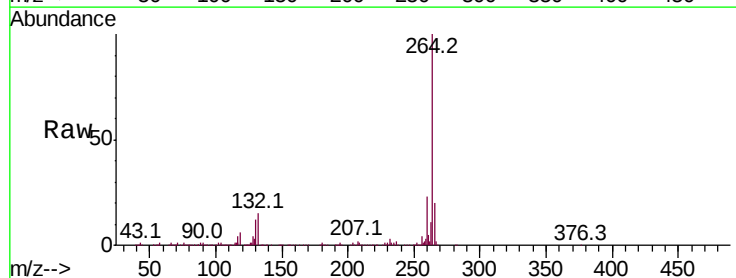
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



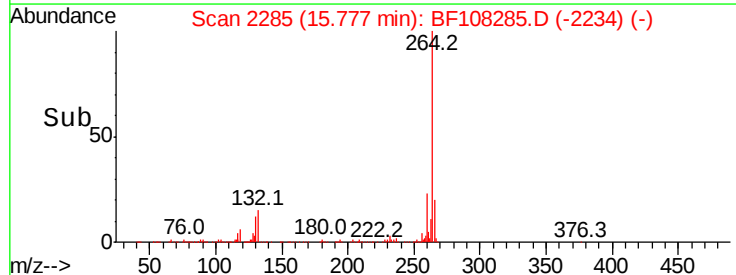
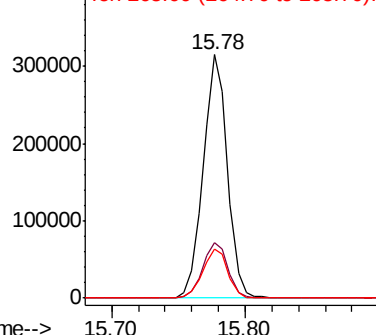
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.78 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

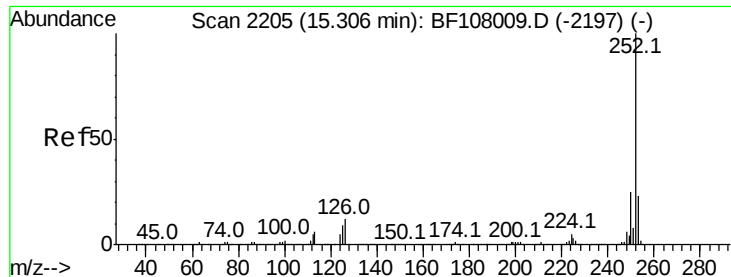
Tgt Ion:264 Resp: 397434

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.1	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

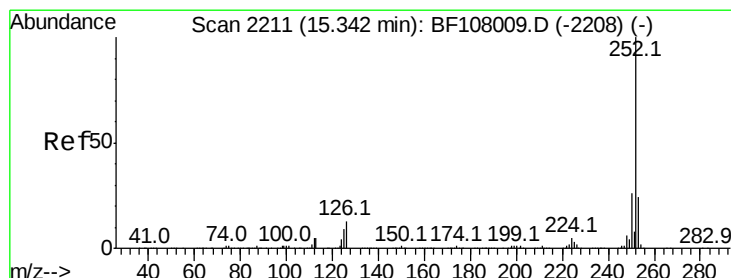
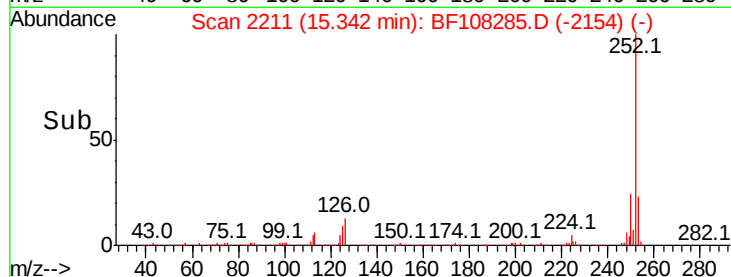
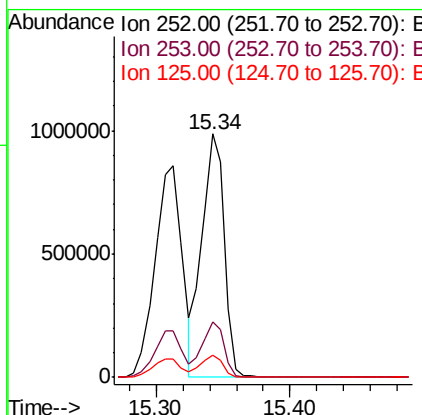
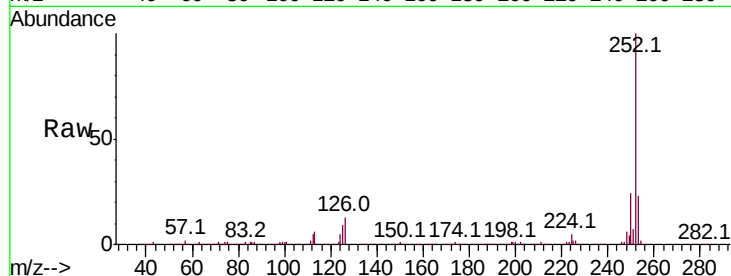




#87
Benzo(b)fluoranthene
Concen: 48.198 ng
RT: 15.34 min Scan# 2211
Delta R.T. 0.04 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

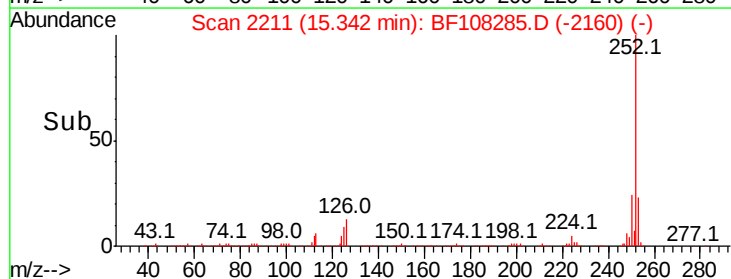
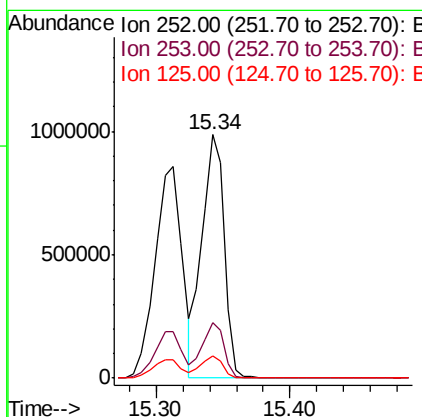
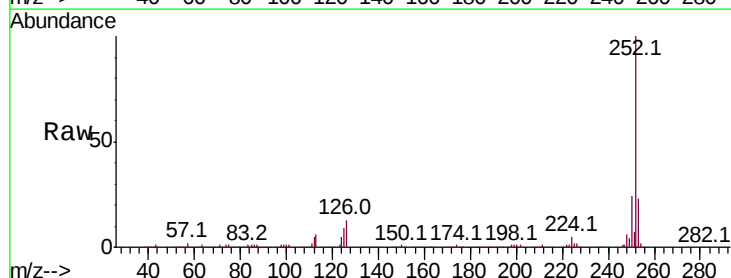
Instrument :
BNA_F
ClientSampleId :
PB112152BS

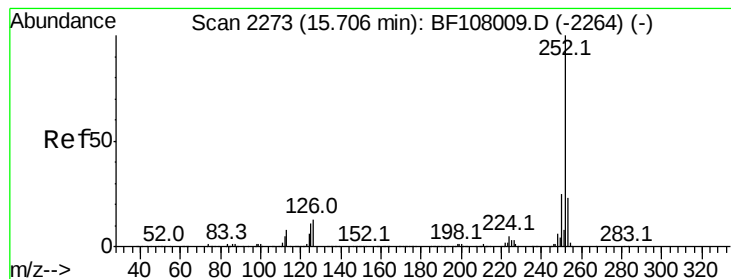
Tot Ion:252 Resp: 1144628
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 9.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 52.433 ng
RT: 15.34 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF108285.D
Acq: 20 Aug 2018 13:05

Tgt Ion:252 Resp: 1144628
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 9.2 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 50.867 ng

RT: 15.71 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

Instrument :

BNA_F

ClientSampleId :

PB112152BS

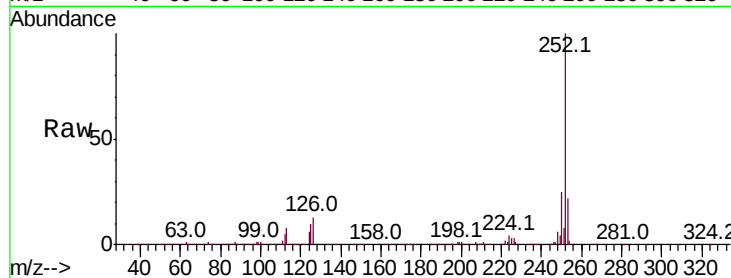
Tot Ion:252 Resp: 1081735

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

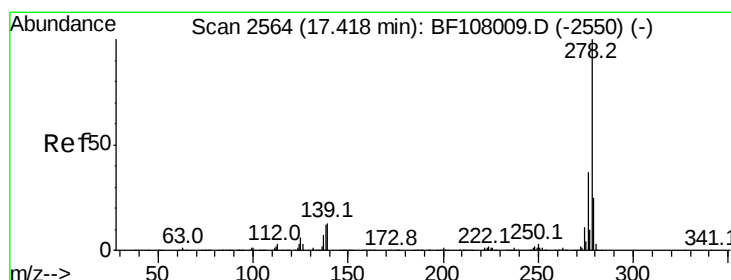
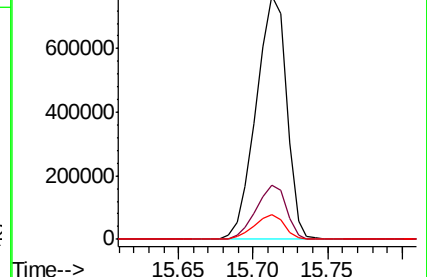
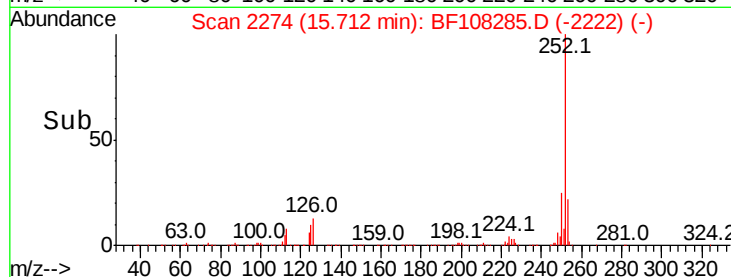
125 10.1 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 49.217 ng

RT: 17.42 min Scan# 2565

Delta R.T. 0.01 min

Lab File: BF108285.D

Acq: 20 Aug 2018 13:05

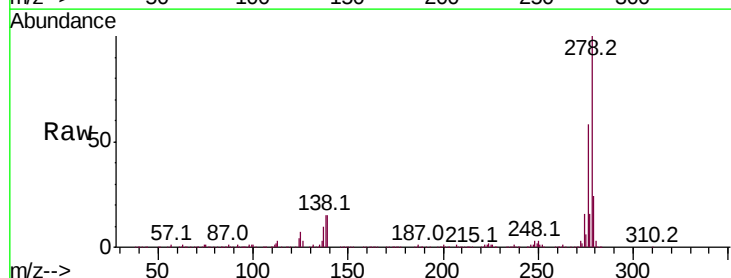
Tgt Ion:278 Resp: 866002

Ion Ratio Lower Upper

278 100

139 14.8 15.9 23.9#

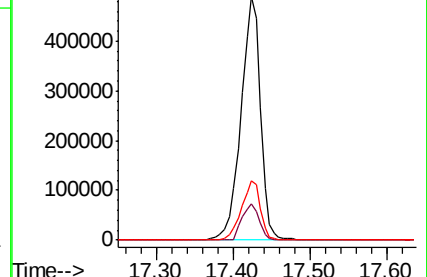
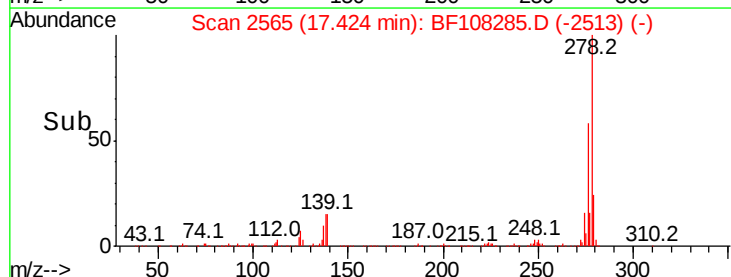
279 24.4 19.0 28.4

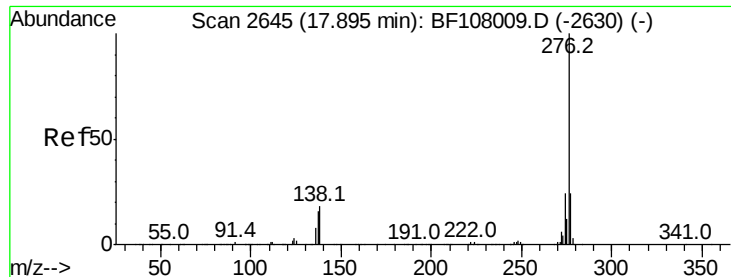


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 50.009 ng
 RT: 17.91 min Scan# 2647
 Delta R.T. 0.01 min
 Lab File: BF108285.D
 Acq: 20 Aug 2018 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB112152BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	18.9	21.8	32.8

