

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF082818\
 Data File : BF108552.D
 Acq On : 28 Aug 2018 13:47
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 14:30:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	121164	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	475962	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	245232	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	499410	20.00	ng	0.00
75) Chrysene-d12	14.21	240	382176	20.00	ng	0.00
86) Perylene-d12	15.76	264	296995	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	584610	87.35	ng	0.01
7) Phenol-d6	6.65	99	736687	82.84	ng	0.02
23) Nitrobenzene-d5	7.57	82	714046	83.71	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	229591	93.86	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1343520	87.96	ng	0.00
78) Terphenyl-d14	13.13	244	1361406	90.57	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.88	88	125281	36.431	ng	90
3) Pyridine	3.68	79	318536	35.959	ng	86
4) n-Nitrosodimethylamine	3.64	42	175707	35.250	ng	81
6) Aniline	6.67	93	485405	40.126	ng	# 79
8) 2-Chlorophenol	6.80	128	314700	41.751	ng	95
9) Benzaldehyde	6.56	77	254962	36.977	ng	95
10) Phenol	6.66	94	402825	43.789	ng	76
11) bis(2-Chloroethyl)ether	6.74	93	297532	40.006	ng	92
12) 1,3-Dichlorobenzene	6.94	146	363994	41.765	ng	99
13) 1,4-Dichlorobenzene	7.02	146	363845	41.552	ng	99
14) 1,2-Dichlorobenzene	7.17	146	338034	41.502	ng	99
15) Benzyl Alcohol	7.15	79	295364	39.451	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.27	45	551453	35.993	ng	66
17) 2-Methylphenol	7.26	107	260838	40.353	ng	# 86
18) Hexachloroethane	7.51	117	130201	41.765	ng	# 89
19) n-Nitroso-di-n-propylamine	7.41	70	233093	38.758	ng	89
20) 3+4-Methylphenols	7.41	107	328248	39.628	ng	# 50
22) Acetophenone	7.41	105	448116	40.265	ng	# 86
24) Nitrobenzene	7.59	77	352394	40.856	ng	95
25) Isophorone	7.82	82	645321	39.693	ng	98
26) 2-Nitrophenol	7.90	139	162989	50.038	ng	89
27) 2,4-Dimethylphenol	7.94	122	277024	38.392	ng	95
28) bis(2-Chloroethoxy)methane	8.02	93	380043	40.043	ng	99
29) 2,4-Dichlorophenol	8.15	162	284086	42.782	ng	98
30) 1,2,4-Trichlorobenzene	8.22	180	300599	41.059	ng	96
31) Naphthalene	8.31	128	908059	41.951	ng	99
32) Benzoic acid	8.07	122	164446	40.360	ng	95
33) 4-Chloroaniline	8.36	127	387992	41.131	ng	97
34) Hexachlorobutadiene	8.41	225	196477	42.393	ng	98
35) Caprolactam	8.74	113	84744	40.725	ng	# 82
36) 4-Chloro-3-methylphenol	8.84	107	296201	41.349	ng	96
37) 2-Methylnaphthalene	9.00	142	629004	41.072	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	317416	42.149	ng	98
40) Hexachlorocyclopentadiene	9.15	237	218839	44.989	ng	96

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 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

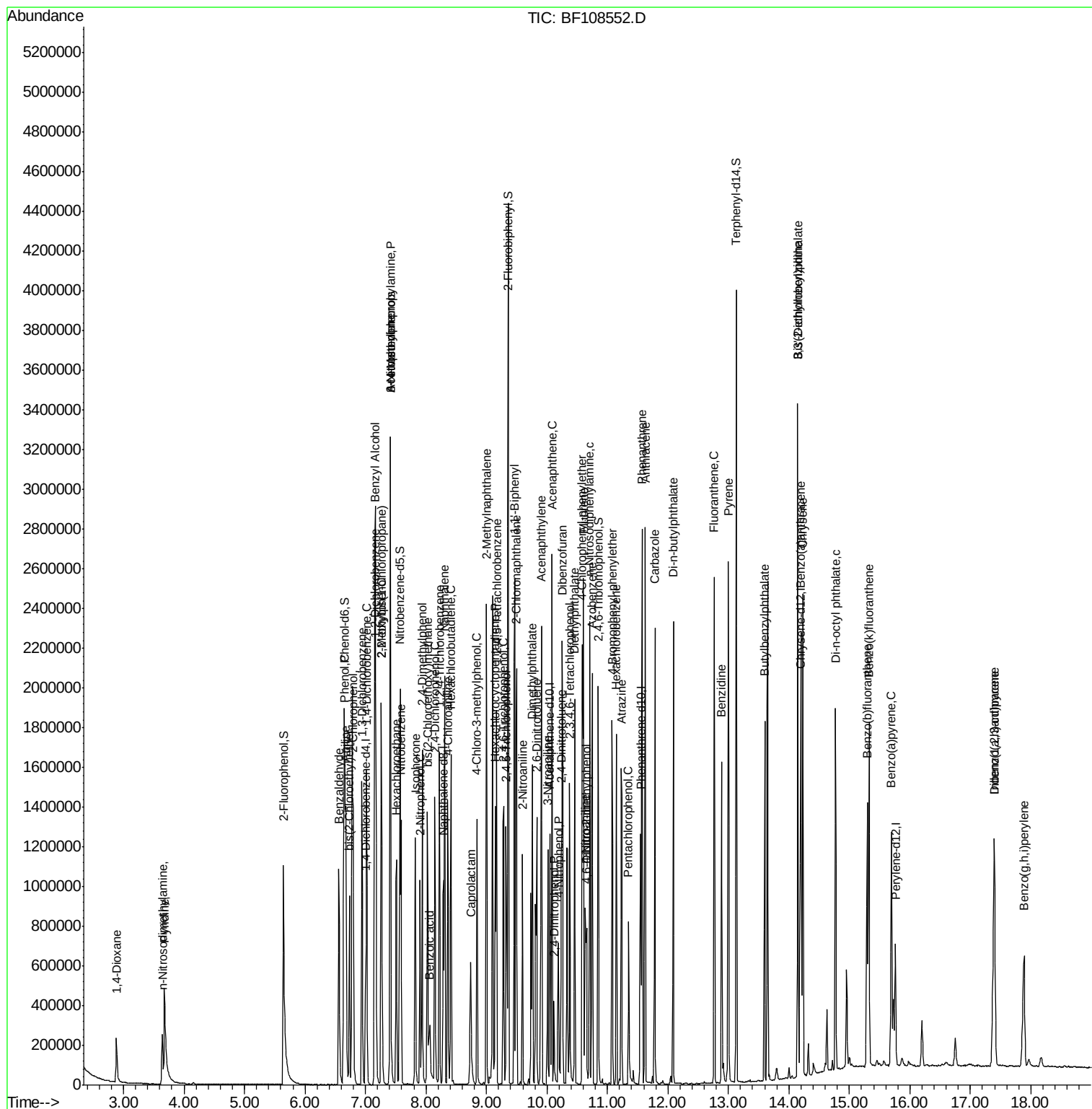
Instrument :
 BNA_F
 ClientSampleId :

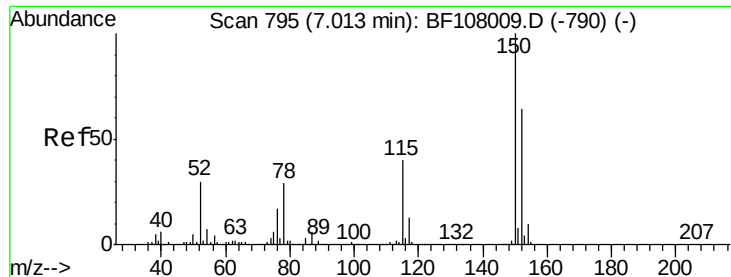
Quant Time: Aug 28 14:30:06 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	208715	44.662	ng	97
43) 2,4,5-Trichlorophenol	9.32	196	225608	43.855	ng	96
45) 1,1'-Biphenyl	9.47	154	760326	42.051	ng	98
46) 2-Chloronaphthalene	9.50	162	597255	41.794	ng	97
47) 2-Nitroaniline	9.60	65	203252	43.957	ng	85
48) Acenaphthylene	9.91	152	950967	42.093	ng	99
49) Dimethylphthalate	9.76	163	708912	41.500	ng	99
50) 2,6-Dinitrotoluene	9.83	165	155738	43.575	ng	90
51) Acenaphthene	10.08	154	548608	39.646	ng	98
52) 3-Nitroaniline	10.01	138	168292	43.037	ng	93
53) 2,4-Dinitrophenol	10.12	184	58889	47.185	ng	# 21
54) Dibenzofuran	10.25	168	835764	41.689	ng	96
55) 4-Nitrophenol	10.19	139	120505	40.695	ng	89
56) 2,4-Dinitrotoluene	10.24	165	207302	45.062	ng	# 99
57) Fluorene	10.60	166	680336	42.869	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	187781	43.672	ng	88
59) Diethylphthalate	10.46	149	685434	41.437	ng	96
60) 4-Chlorophenyl-phenylether	10.58	204	343176	41.499	ng	94
61) 4-Nitroaniline	10.64	138	175742	45.457	ng	95
62) Azobenzene	10.75	77	692137	40.516	ng	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	82977	44.673	ng	87
65) n-Nitrosodiphenylamine	10.71	169	603879	40.919	ng	96
66) 4-Bromophenyl-phenylether	11.08	248	222669	41.028	ng	# 89
67) Hexachlorobenzene	11.15	284	233277	40.852	ng	# 89
68) Atrazine	11.24	200	209817	42.388	ng	95
69) Pentachlorophenol	11.35	266	114935	42.051	ng	98
70) Phenanthrene	11.57	178	991263	42.082	ng	99
71) Anthracene	11.62	178	1022592	42.356	ng	100
72) Carbazole	11.78	167	896023	41.773	ng	99
73) Di-n-butylphthalate	12.09	149	1052004	43.299	ng	100
74) Fluoranthene	12.77	202	1085124	42.210	ng	96
76) Benzidine	12.89	184	620183	43.433	ng	98
77) Pyrene	13.00	202	1074156	44.394	ng	99
79) Butylbenzylphthalate	13.60	149	437309	45.516	ng	# 95
80) Benzo(a)anthracene	14.19	228	903093	41.175	ng	99
81) 3,3'-Dichlorobenzidine	14.15	252	325354	41.393	ng	# 97
82) Chrysene	14.23	228	831489	41.351	ng	99
83) Bis(2-ethylhexyl)phthalate	14.15	149	551184	42.364	ng	100
84) Di-n-octyl phthalate	14.77	149	830138	41.836	ng	96
85) Indeno(1,2,3-cd)pyrene	17.39	276	660997	37.939	ng	# 90
87) Benzo(b)fluoranthene	15.29	252	714517	40.262	ng	# 96
88) Benzo(k)fluoranthene	15.32	252	680722	41.727	ng	# 96
89) Benzo(a)pyrene	15.69	252	659673	41.511	ng	# 96
90) Dibenzo(a,h)anthracene	17.40	278	557585	42.406	ng	# 93
91) Benzo(g,h,i)perylene	17.89	276	555223	42.883	ng	# 88

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

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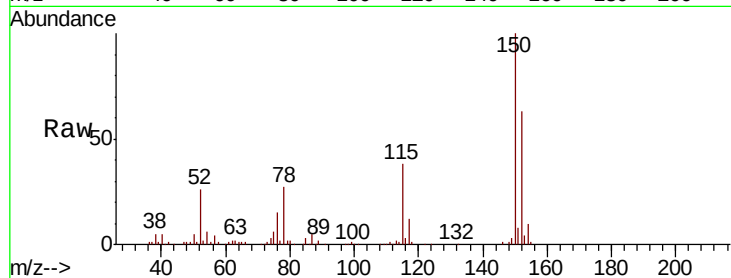


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108552.D
Acq: 28 Aug 2018 13:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	61.2	50.1	75.1

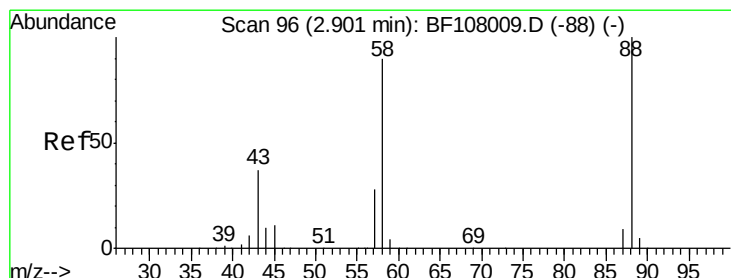
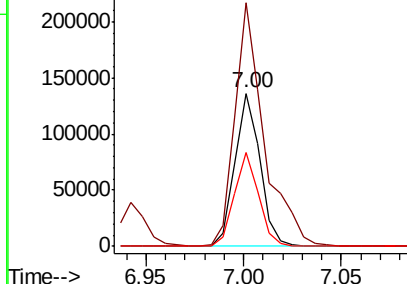
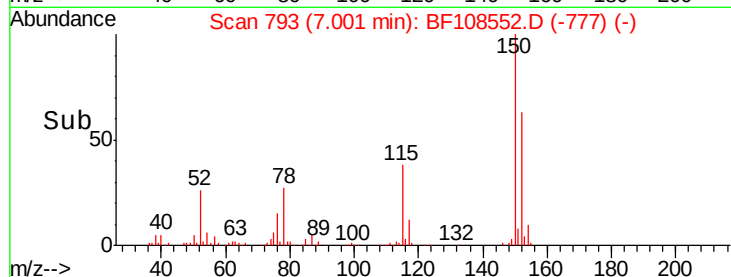


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

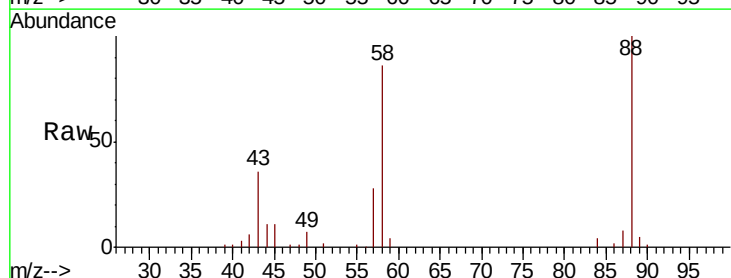
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.431 ng
RT: 2.88 min Scan# 93
Delta R.T. 0.01 min
Lab File: BF108552.D
Acq: 28 Aug 2018 13:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.7	62.6	93.8
43	36.9	24.6	37.0

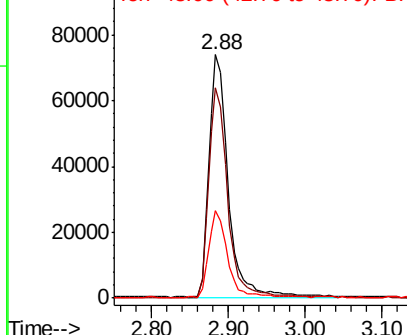
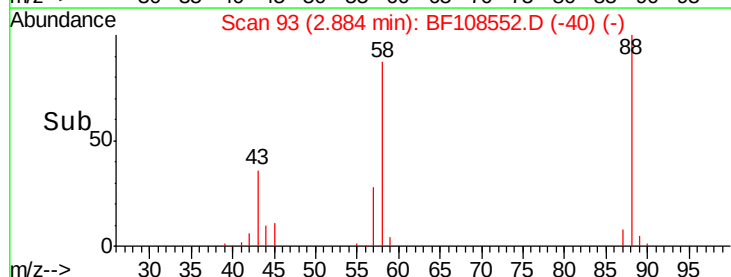


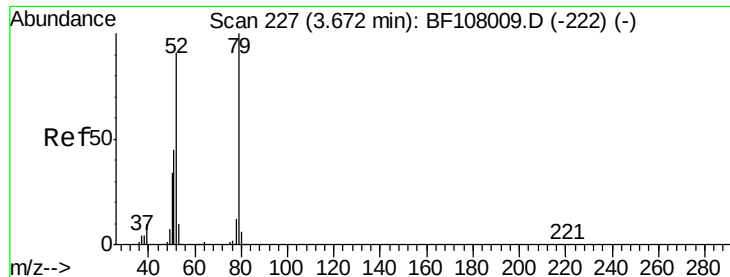
Abundance

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: 35.959 ng

RT: 3.68 min Scan# 228

Delta R.T. 0.02 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

Instrument :

BNA_F

ClientSampleId :

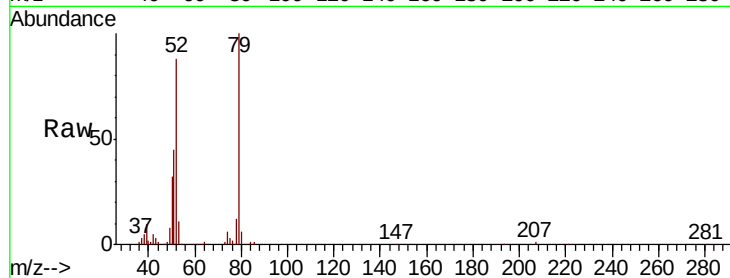
Tot Ion: 79 Resp: 318536

Ion Ratio Lower Upper

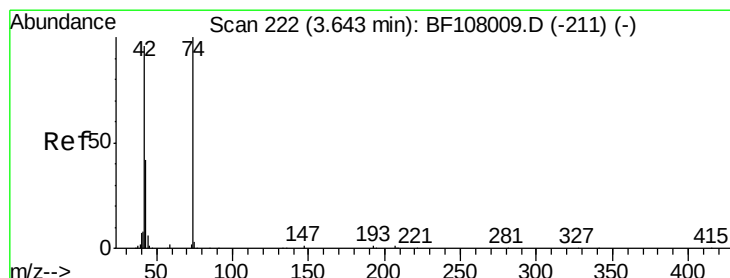
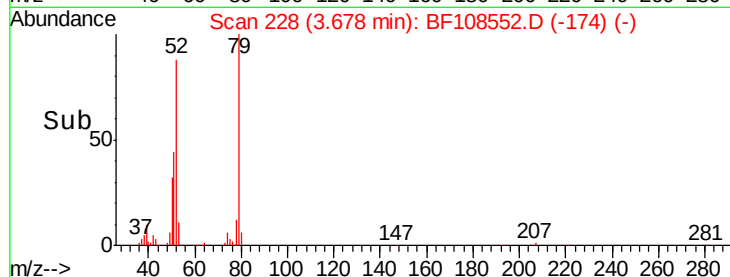
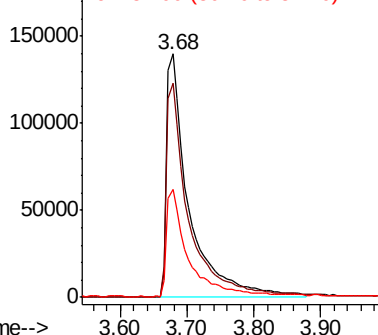
79 100

52 87.9 59.8 89.6

51 44.6 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: 35.250 ng

RT: 3.64 min Scan# 222

Delta R.T. 0.01 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

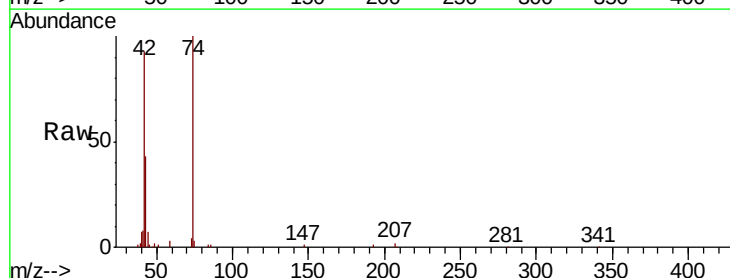
Tgt Ion: 42 Resp: 175707

Ion Ratio Lower Upper

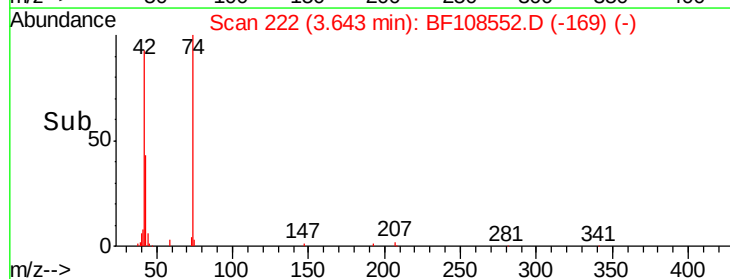
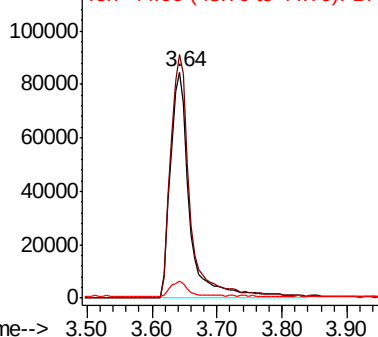
42 100

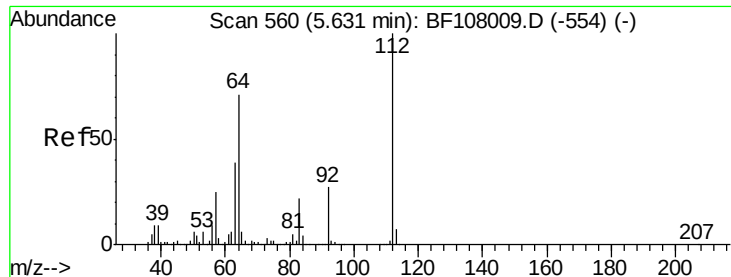
74 107.8 104.9 157.3

44 7.6 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: 87.353 ng

RT: 5.64 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

Instrument :

BNA_F

ClientSampleId :

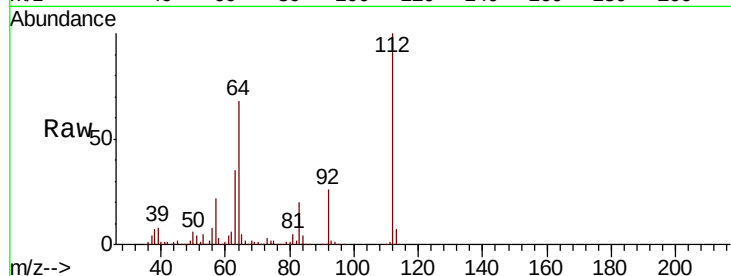
Tot Ion:112 Resp: 584610

Ion Ratio Lower Upper

112 100

64 68.0 47.9 71.9

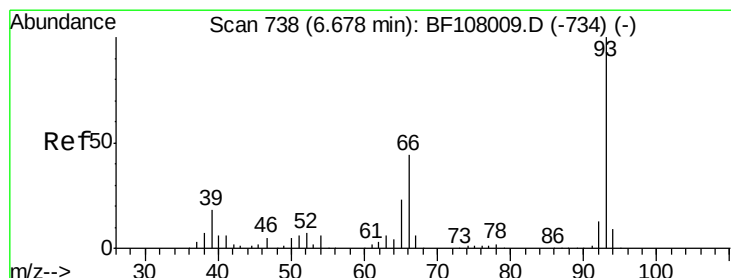
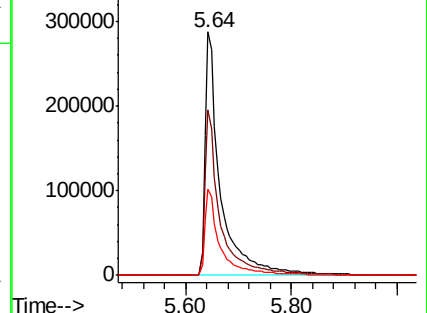
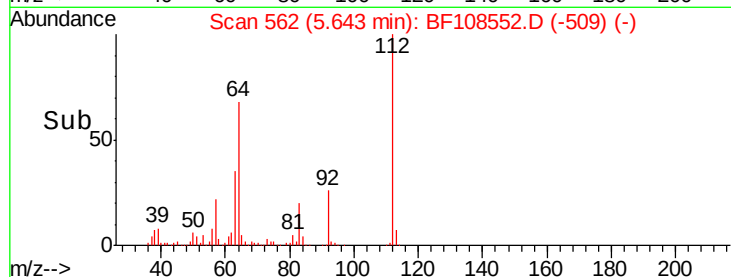
63 35.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.126 ng

RT: 6.67 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

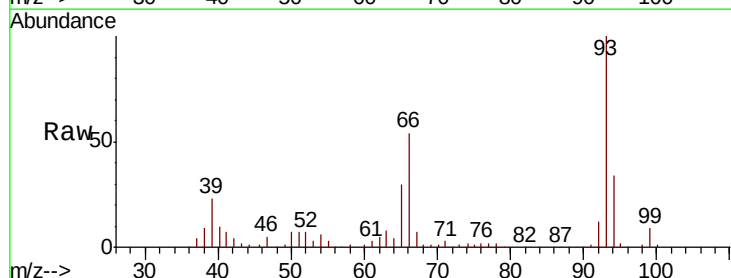
Tgt Ion: 93 Resp: 485405

Ion Ratio Lower Upper

93 100

66 53.5 32.2 48.2#

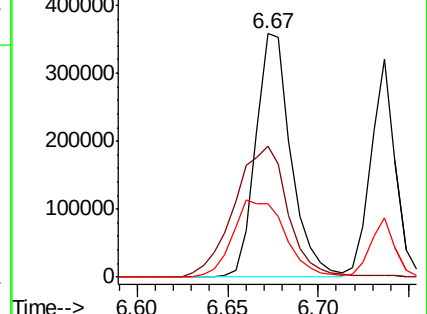
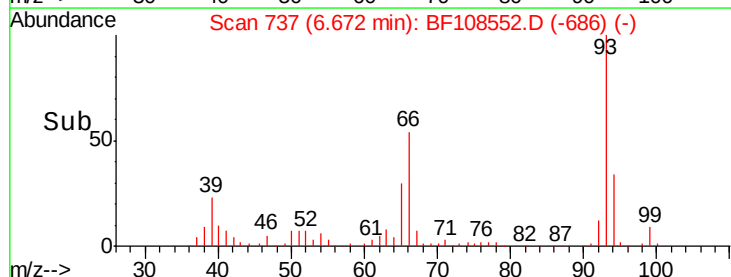
65 30.3 16.4 24.6#

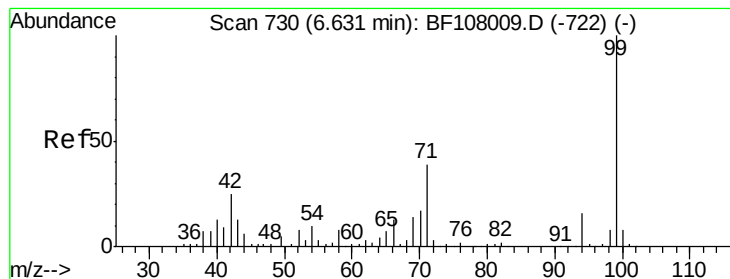


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.835 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

Instrument :

BNA_F

ClientSampleId :

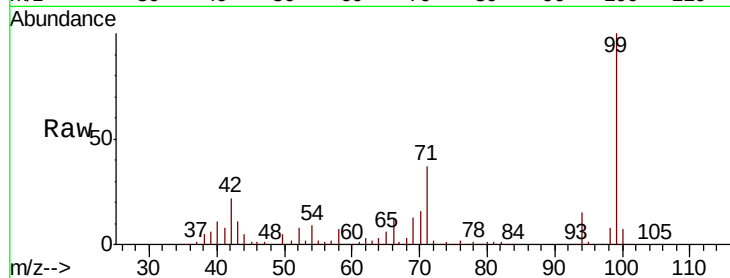
Tot Ion: 99 Resp: 736687

Ion Ratio Lower Upper

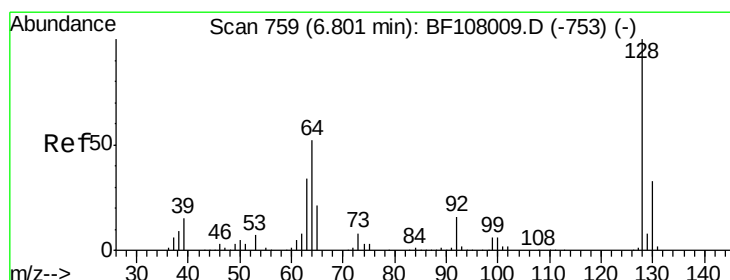
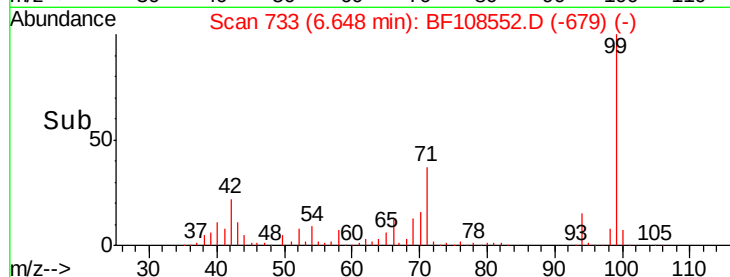
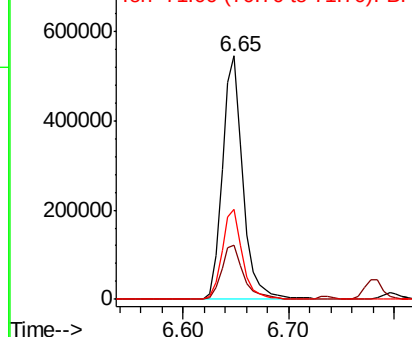
99 100

42 22.2 14.5 21.7#

71 36.8 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: 41.751 ng

RT: 6.80 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

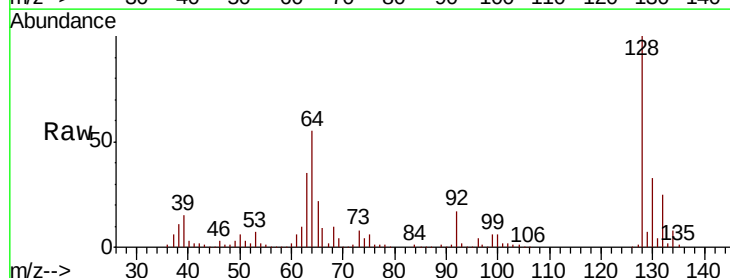
Tgt Ion: 128 Resp: 314700

Ion Ratio Lower Upper

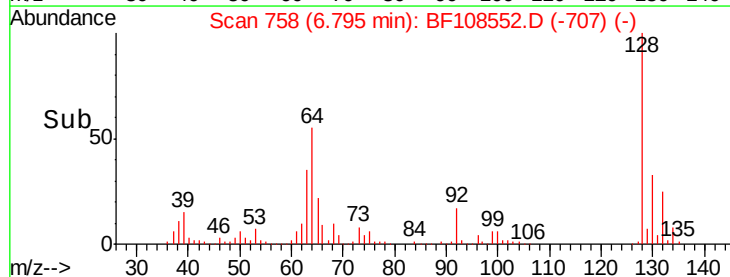
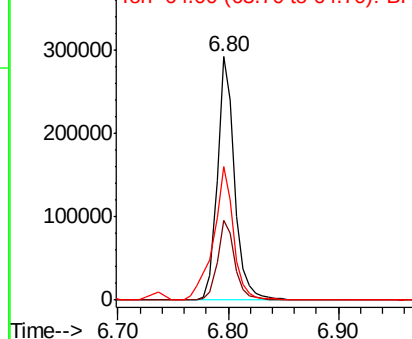
128 100

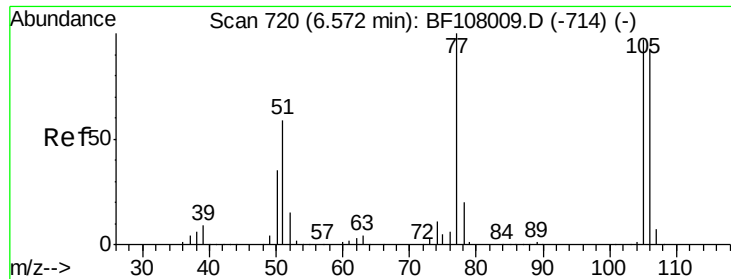
130 32.9 13.0 53.0

64 54.7 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: 36.977 ng

RT: 6.56 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

Instrument :

BNA_F

ClientSampled :

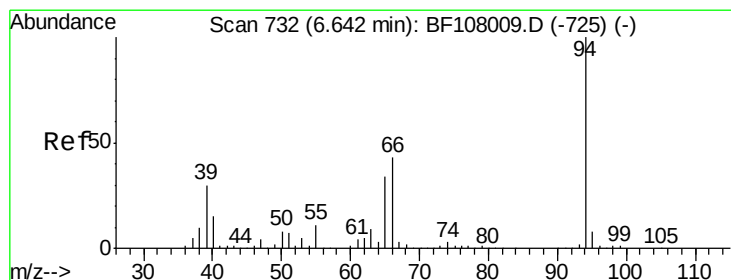
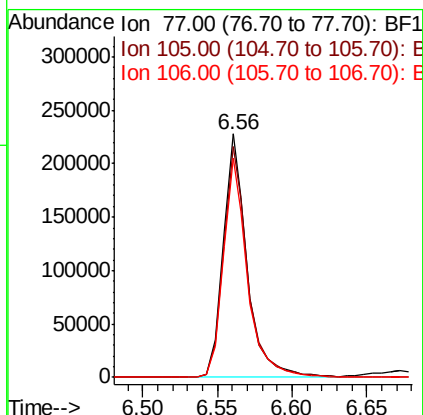
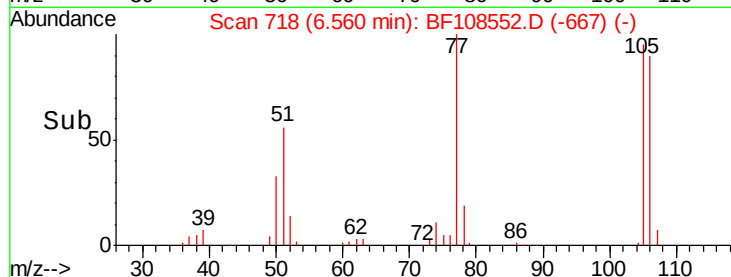
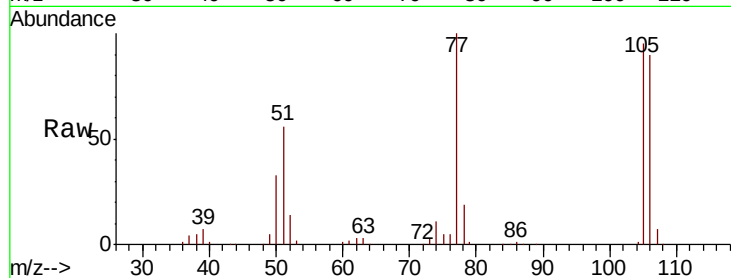
Tot Ion: 77 Resp: 254962

Ion Ratio Lower Upper

77 100

105 95.0 81.1 121.1

106 90.1 74.5 114.5



#10

Phenol

Concen: 43.789 ng

RT: 6.66 min Scan# 735

Delta R.T. 0.02 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

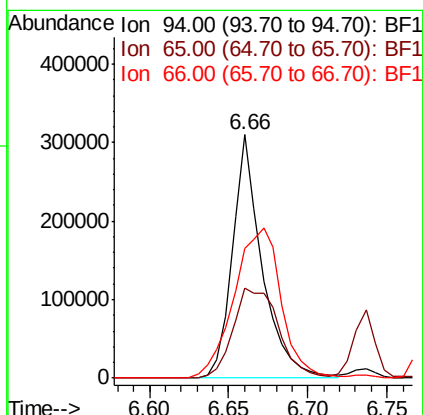
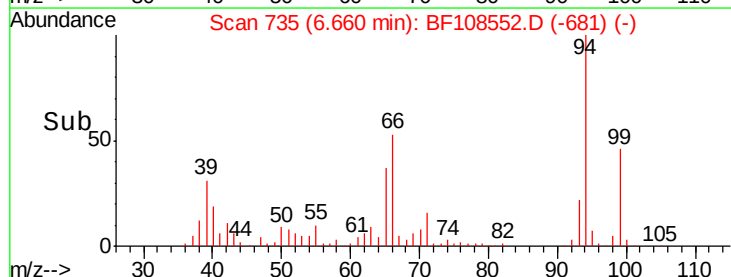
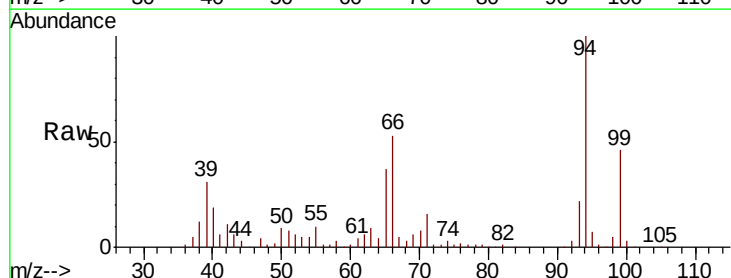
Tgt Ion: 94 Resp: 402825

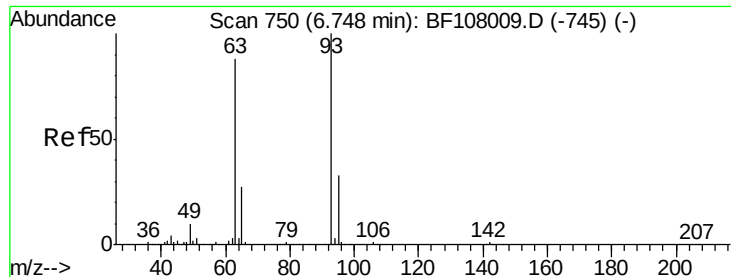
Ion Ratio Lower Upper

94 100

65 36.9 7.9 47.9

66 53.0 16.2 56.2

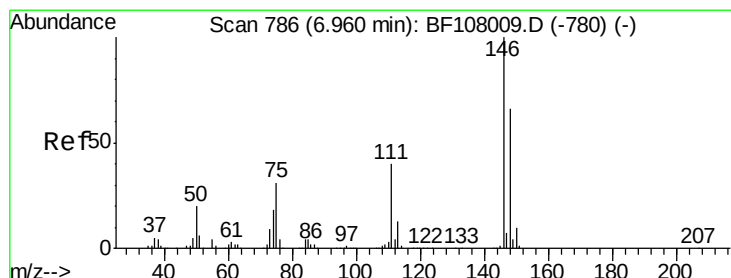
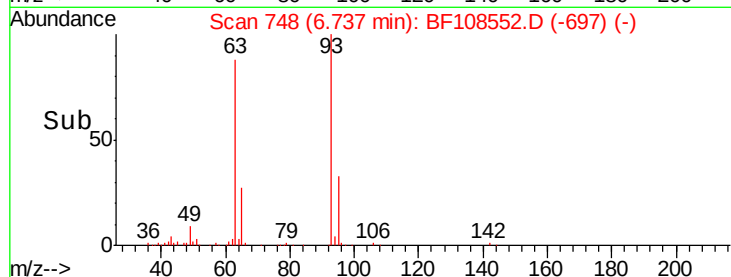
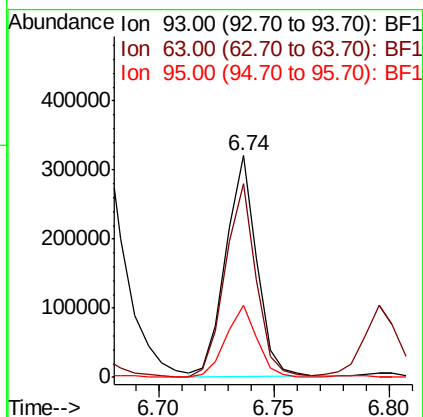
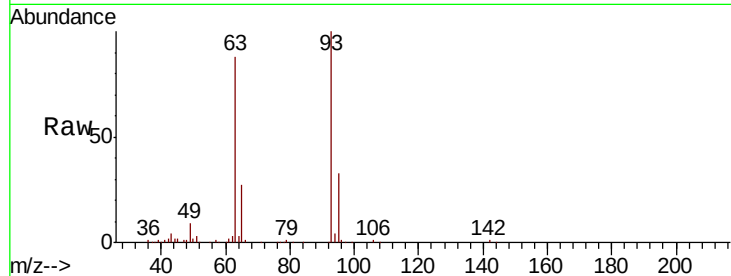




#11
 bis(2-Chloroethyl)ether
 Concen: 40.006 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF108552.D
 Acq: 28 Aug 2018 13:47

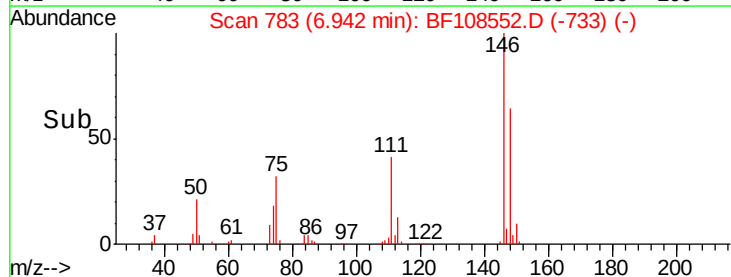
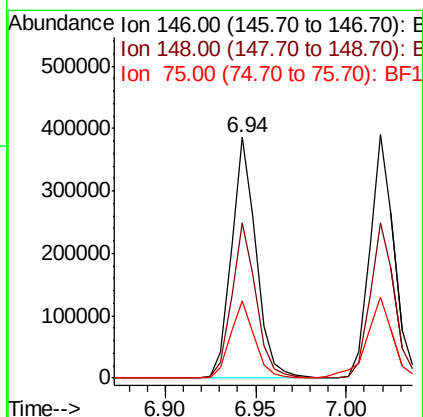
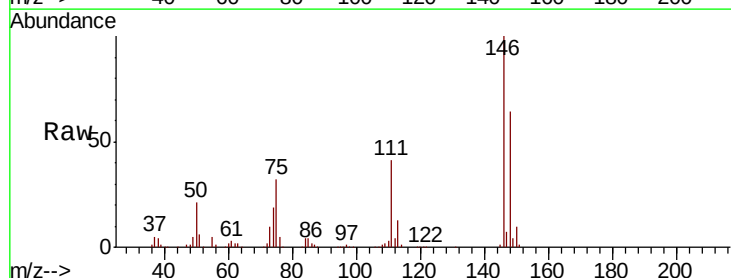
Instrument :
 BNA_F
 ClientSampleId :

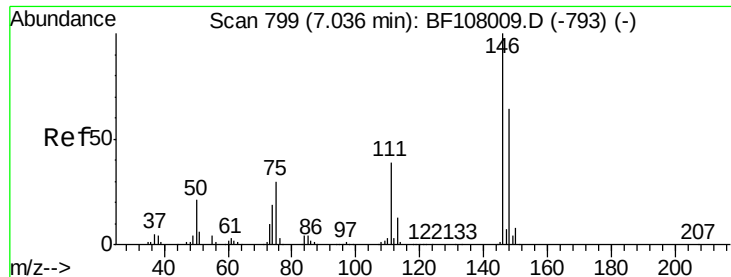
Tot Ion: 93 Resp: 297532
 Ion Ratio Lower Upper
 93 100
 63 87.5 58.6 98.6
 95 32.7 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 41.765 ng
 RT: 6.94 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF108552.D
 Acq: 28 Aug 2018 13:47

Tgt Ion: 146 Resp: 363994
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.8 77.8
 75 32.0 24.2 36.4

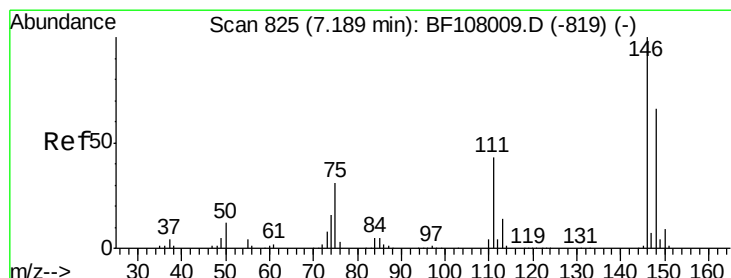
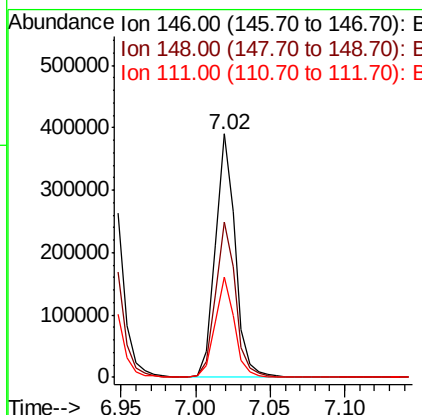
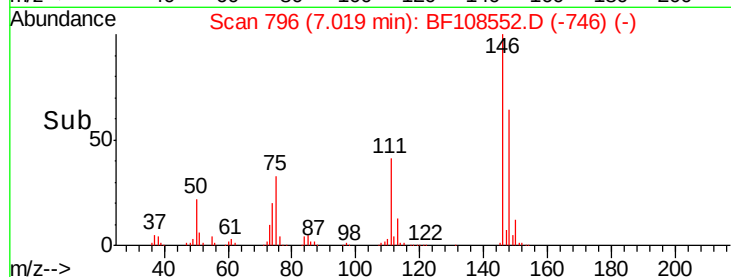
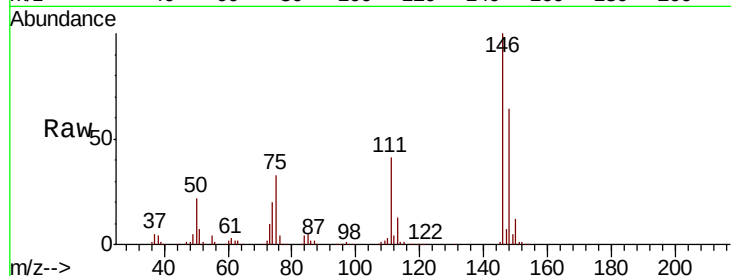




#13
 1,4-Dichlorobenzene
 Concen: 41.552 ng
 RT: 7.02 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF108552.D
 Acq: 28 Aug 2018 13:47

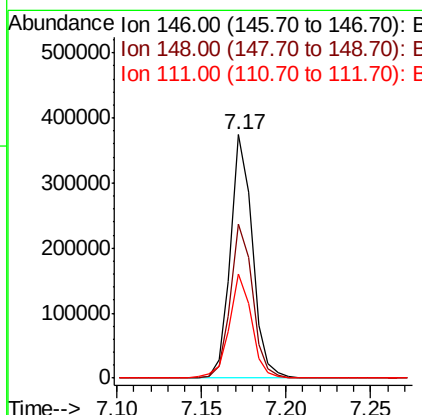
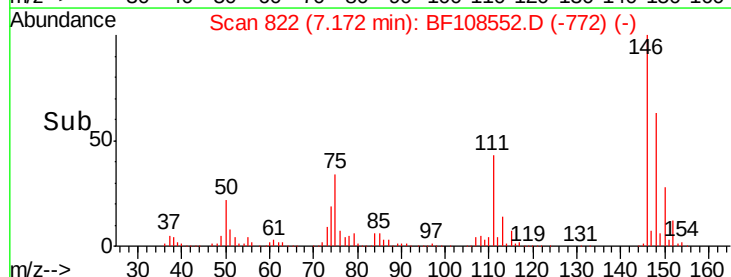
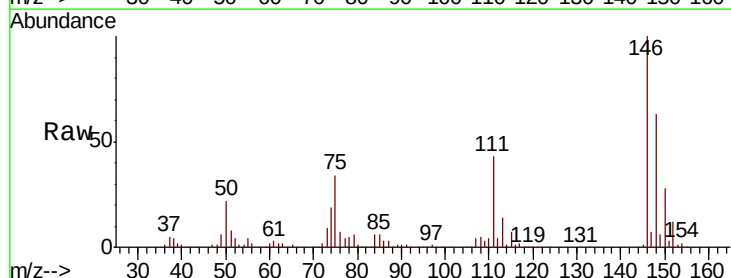
Instrument :
 BNA_F
 ClientSampleId :

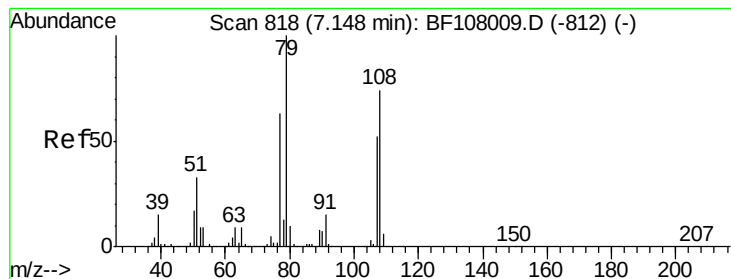
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
111	41.3	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 41.502 ng
 RT: 7.17 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF108552.D
 Acq: 28 Aug 2018 13:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	75.8
111	42.9	36.0	54.0





#15

Benzyl Alcohol

Concen: 39.451 ng

RT: 7.15 min Scan# 818

Delta R.T. 0.01 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

Instrument :

BNA_F

ClientSampled :

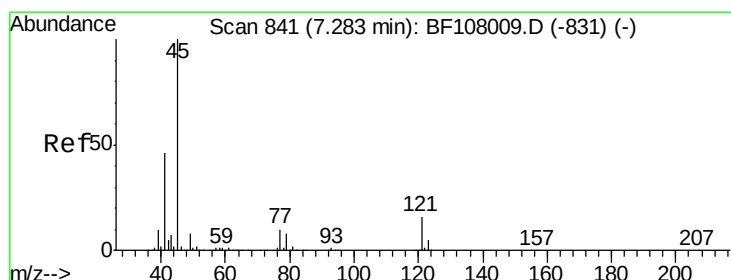
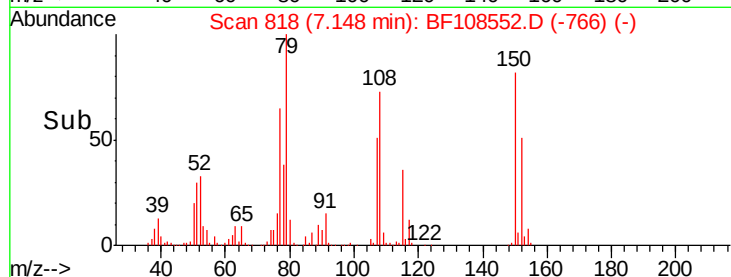
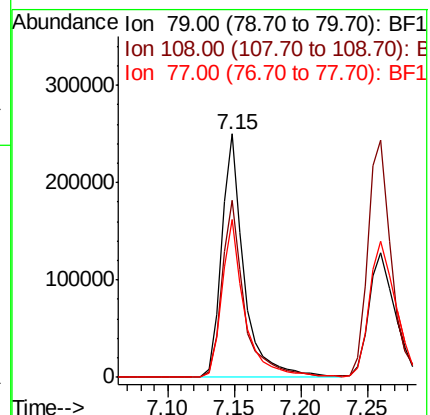
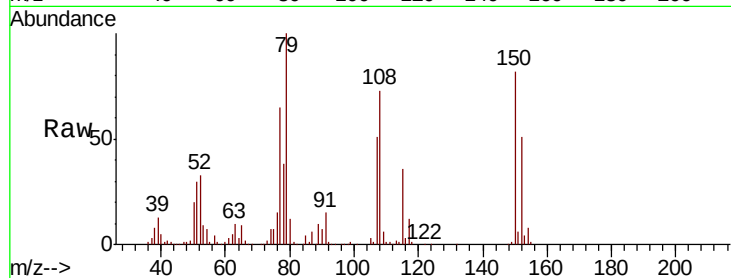
Tot Ion: 79 Resp: 295364

Ion Ratio Lower Upper

79 100

108 72.8 65.1 97.7

77 64.7 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.993 ng

RT: 7.27 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

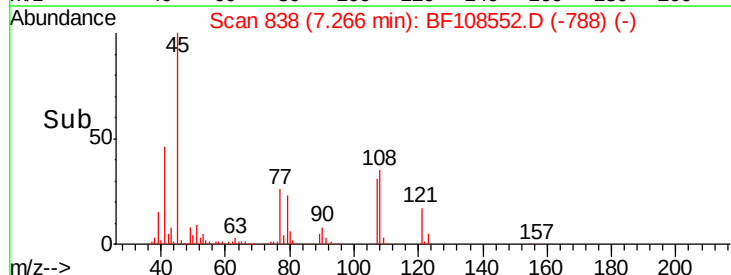
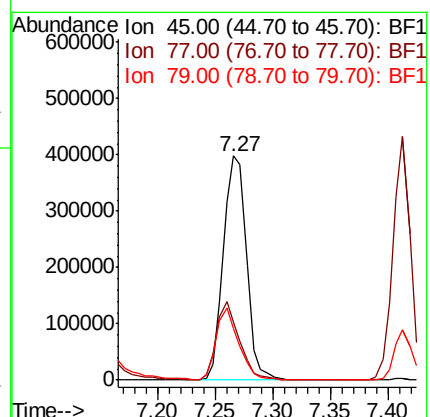
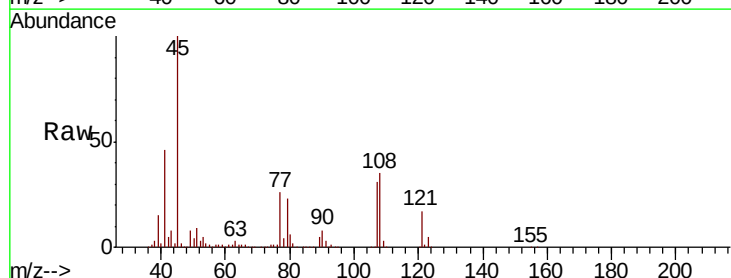
Tgt Ion: 45 Resp: 551453

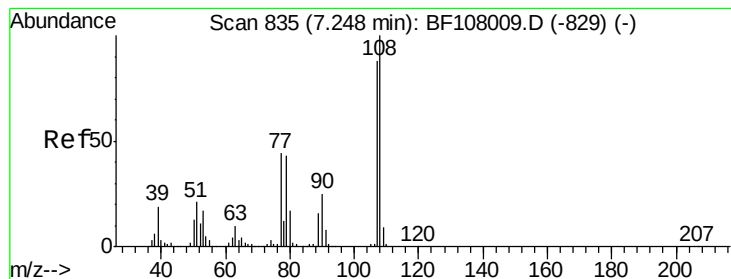
Ion Ratio Lower Upper

45 100

77 26.0 0.0 32.9

79 22.9 0.0 29.6





#17

2-Methylphenol

Concen: 40.353 ng

RT: 7.26 min Scan# 837

Delta R.T. 0.01 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 260838

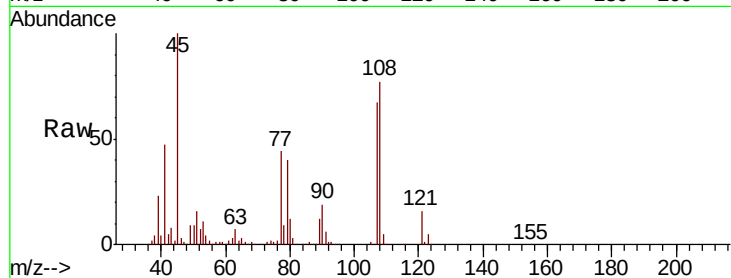
Ion Ratio Lower Upper

107 100

108 114.6 91.7 137.5

77 65.6 33.8 50.8#

79 59.8 33.8 50.8#

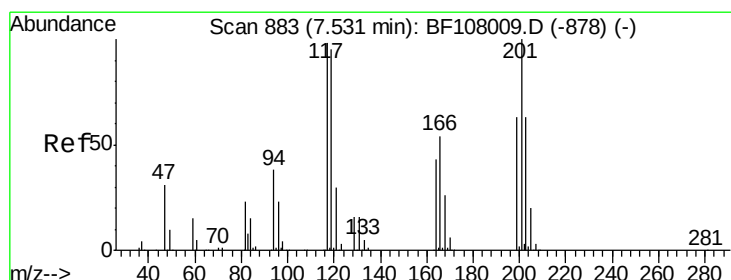
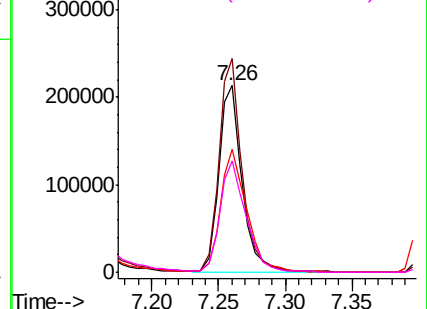
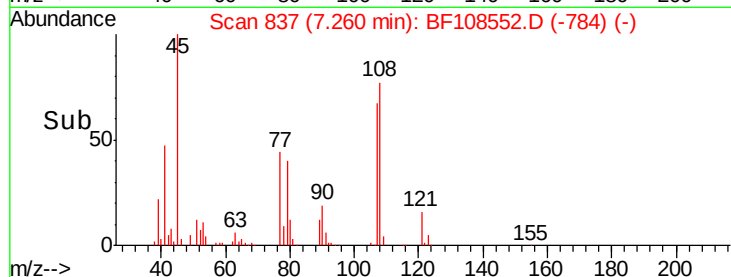


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.765 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

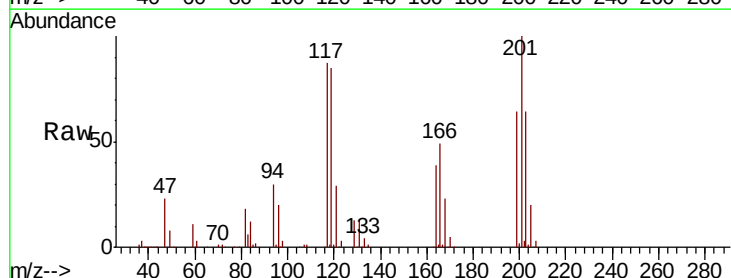
Tgt Ion:117 Resp: 130201

Ion Ratio Lower Upper

117 100

119 97.2 75.8 113.8

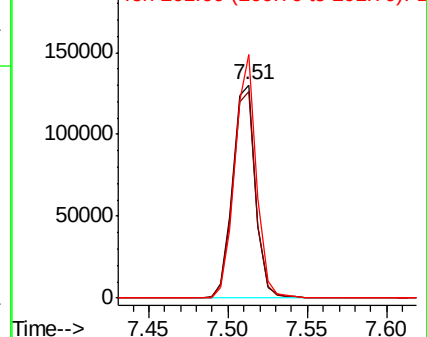
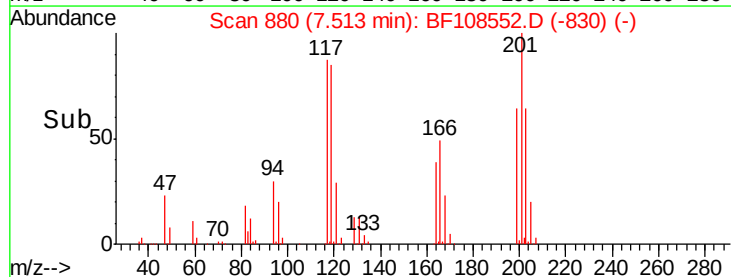
201 114.4 75.7 113.5#

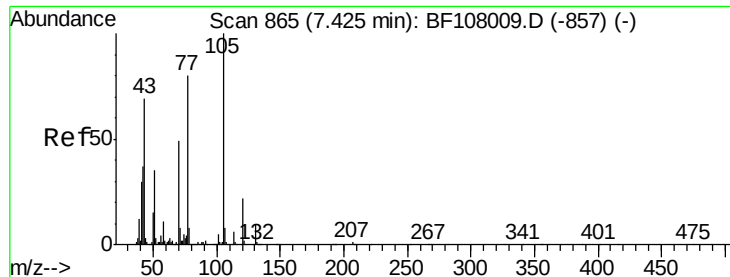


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

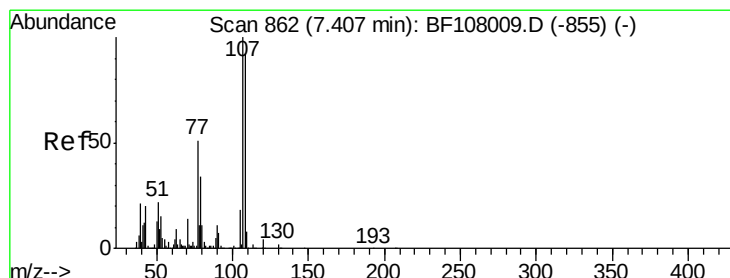
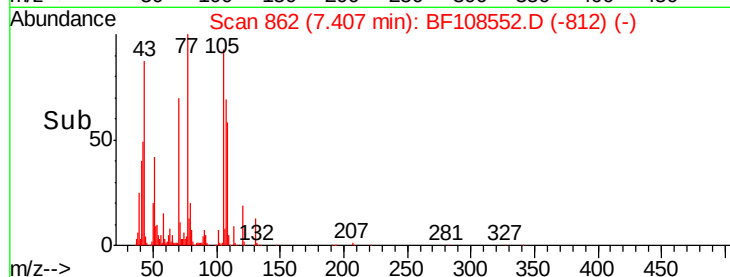
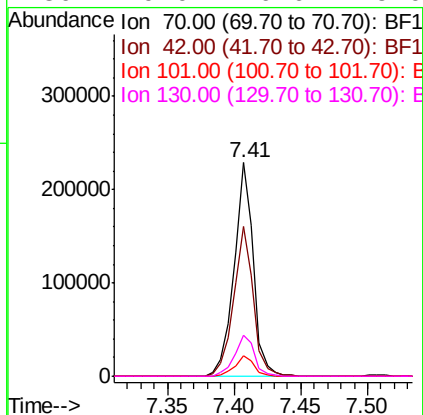
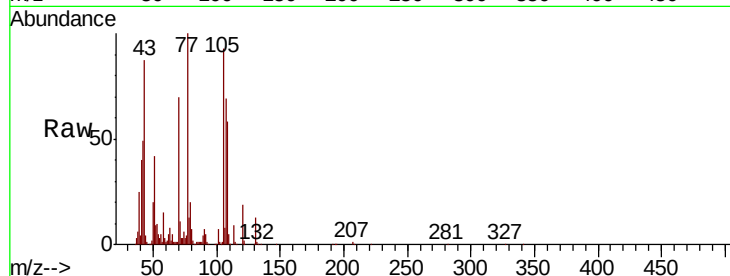




#19
n-Nitroso-di-n-propylamine
Concen: 38.758 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108552.D
Acq: 28 Aug 2018 13:47

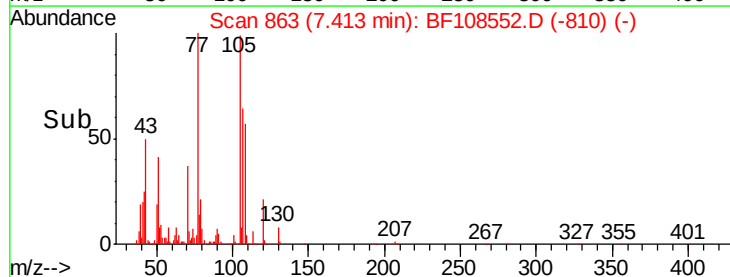
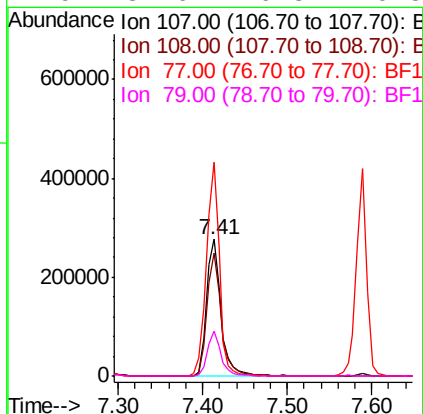
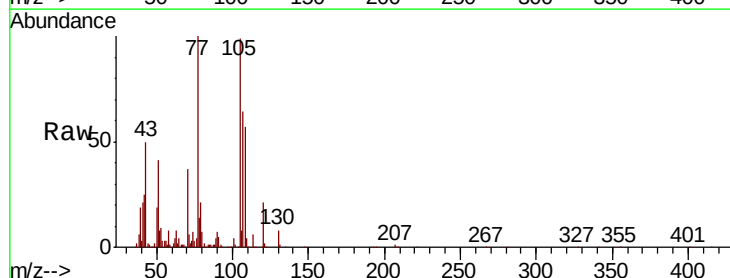
Instrument :
BNA_F
ClientSampleId :

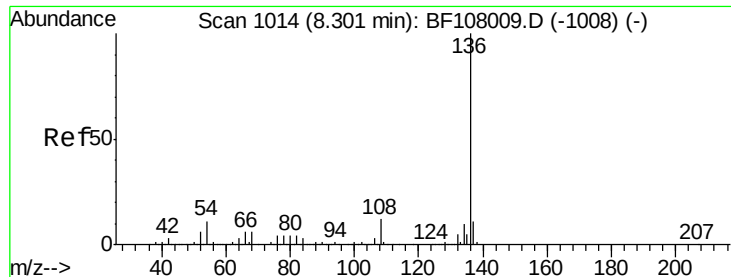
Tot Ion: 70 Resp: 233093
Ion Ratio Lower Upper
70 100
42 70.3 47.5 71.3
101 9.3 7.4 11.2
130 19.0 16.6 25.0



#20
3+4-Methylphenols
Concen: 39.628 ng
RT: 7.41 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF108552.D
Acq: 28 Aug 2018 13:47

Tgt Ion:107 Resp: 328248
Ion Ratio Lower Upper
107 100
108 89.4 68.2 108.2
77 156.0 26.7 66.7#
79 32.6 6.3 46.3

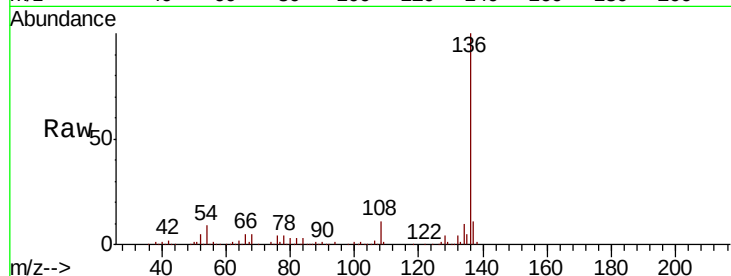




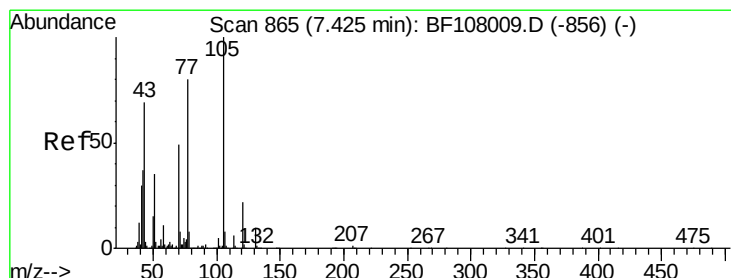
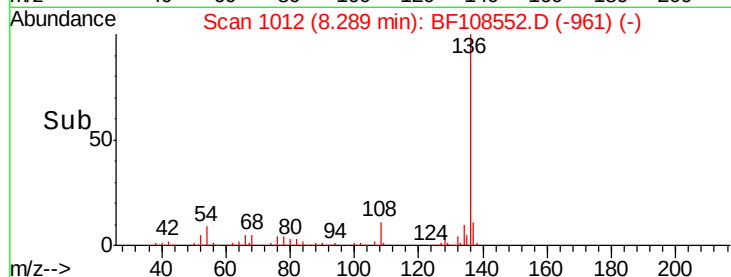
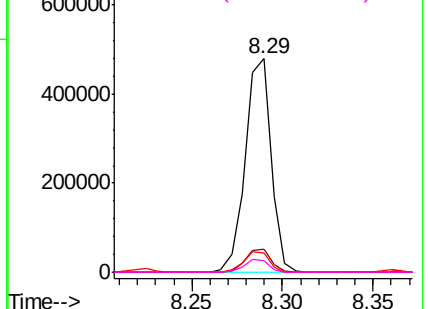
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.29 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF108552.D
Acq: 28 Aug 2018 13:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	475962
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	9.0	6.6 9.8
68	5.1	5.0 7.4

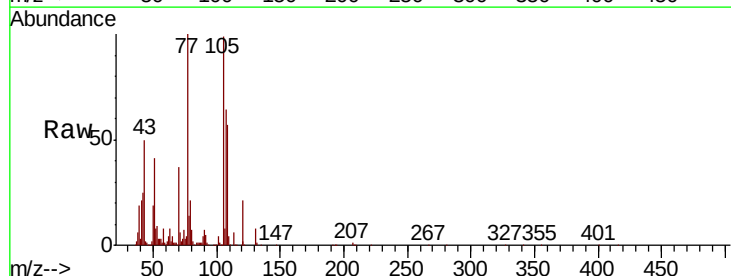


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

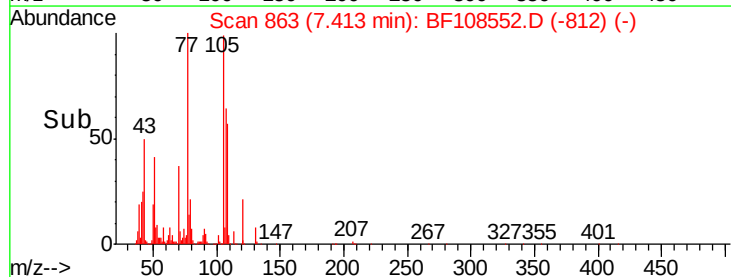
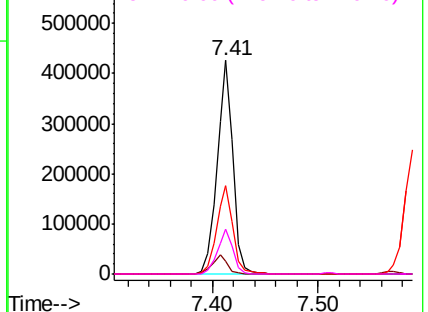


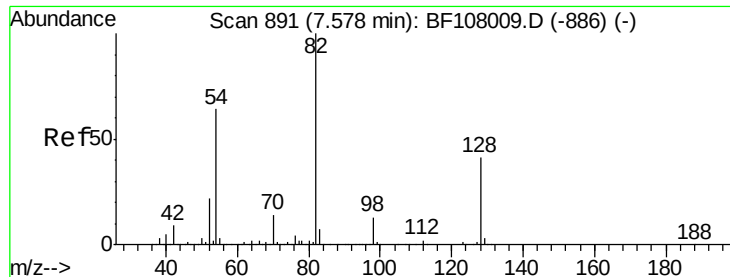
#22
Acetophenone
Concen: 40.265 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF108552.D
Acq: 28 Aug 2018 13:47

Tgt Ion:105	Resp:	448116
Ion Ratio	Lower	Upper
105	100	
71	6.2	4.4 6.6
51	41.5	22.3 33.5#
120	21.2	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

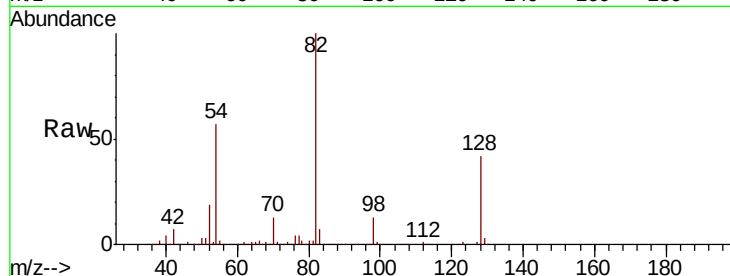




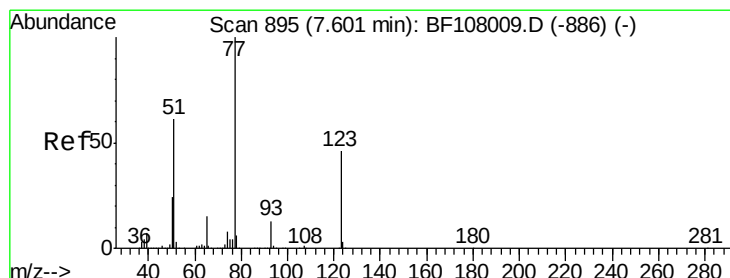
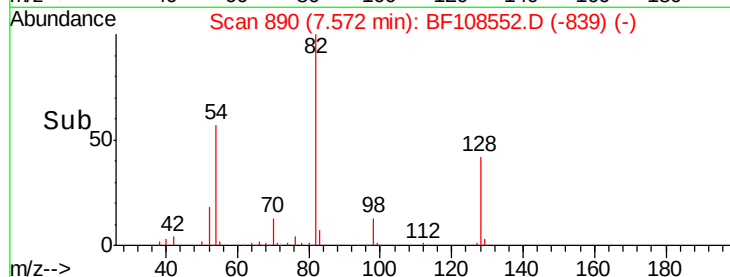
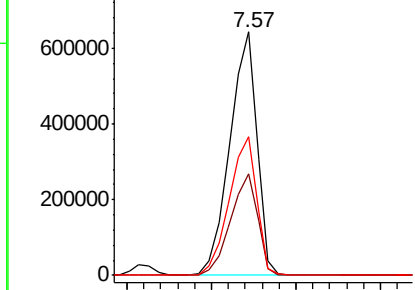
#23
 Nitrobenzene-d5
 Concen: 83.714 ng
 RT: 7.57 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BF108552.D
 Acq: 28 Aug 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	714046
Ion Ratio	100	Lower	Upper
128	41.6	36.1	54.1
54	57.2	41.4	62.2

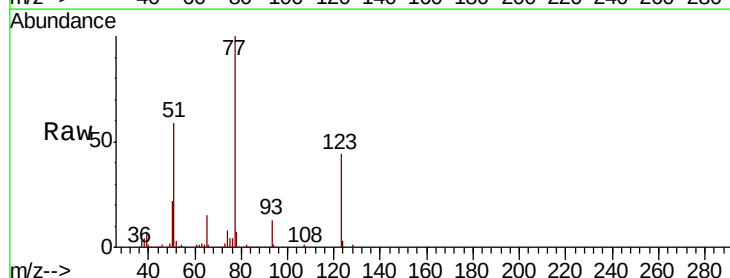


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

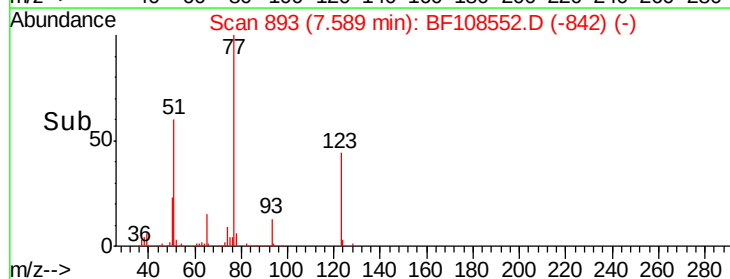
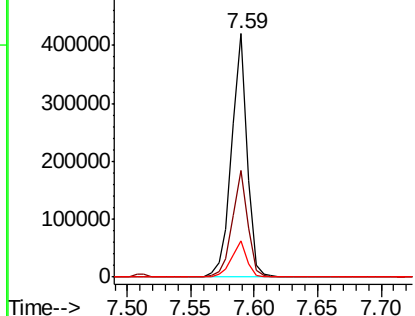


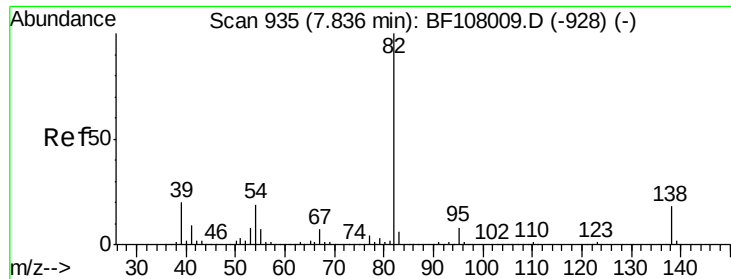
#24
 Nitrobenzene
 Concen: 40.856 ng
 RT: 7.59 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BF108552.D
 Acq: 28 Aug 2018 13:47

Tgt Ion	77	Resp	352394
Ion Ratio	100	Lower	Upper
123	43.9	37.9	56.9
65	15.0	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

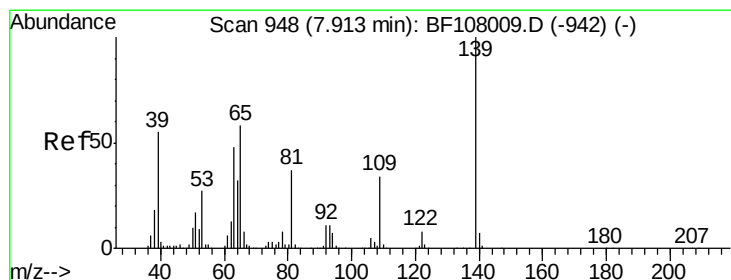
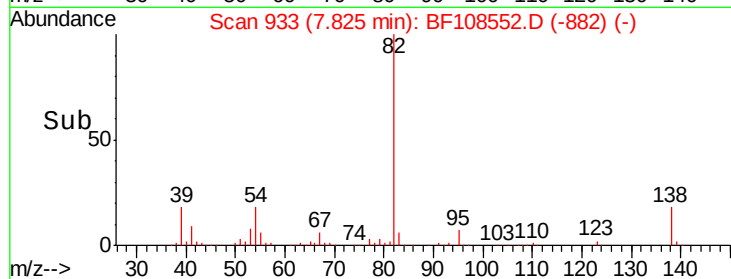
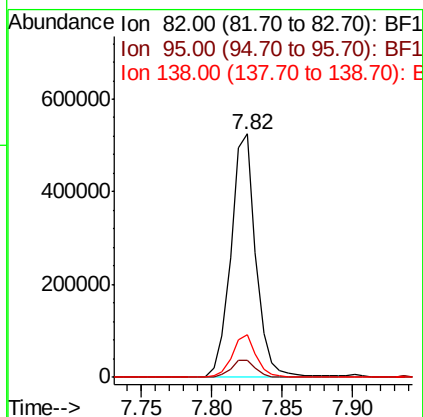
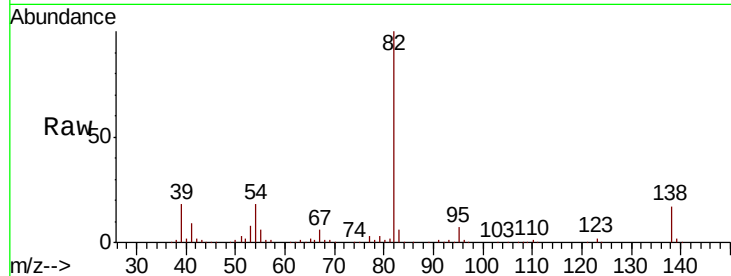




#25
Isophorone
Concen: 39.693 ng
RT: 7.82 min Scan# 933
Delta R.T. -0.00 min
Lab File: BF108552.D
Acq: 28 Aug 2018 13:47

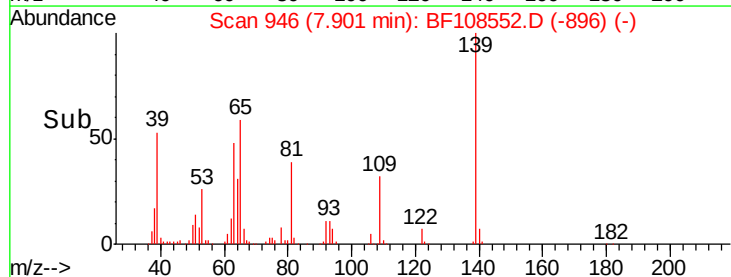
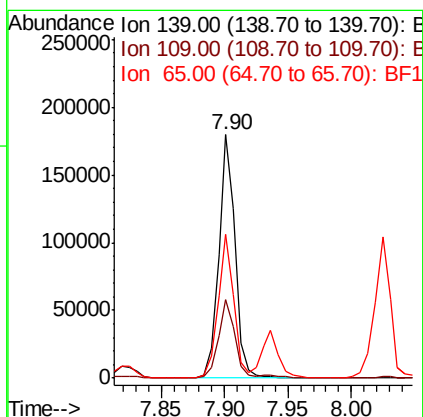
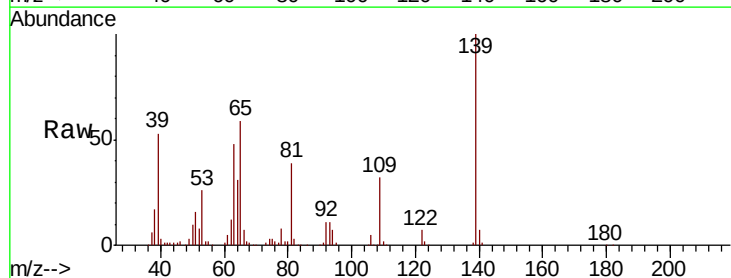
Instrument :
BNA_F
ClientSampleId :

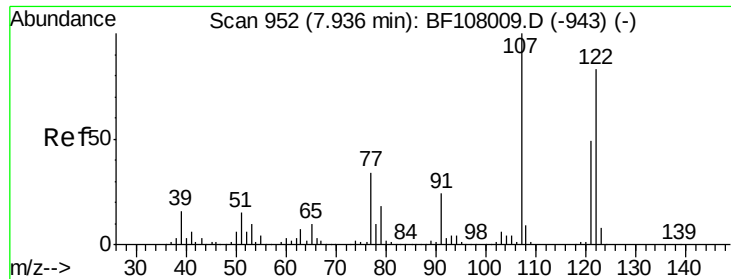
Tot Ion: 82 Resp: 645321
Ion Ratio Lower Upper
82 100
95 7.3 5.2 7.8
138 17.5 14.9 22.3



#26
2-Nitrophenol
Concen: 50.038 ng
RT: 7.90 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF108552.D
Acq: 28 Aug 2018 13:47

Tgt Ion: 139 Resp: 162989
Ion Ratio Lower Upper
139 100
109 32.2 22.7 34.1
65 59.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 38.392 ng

RT: 7.94 min Scan# 952

Delta R.T. 0.01 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

Instrument :

BNA_F

ClientSampled :

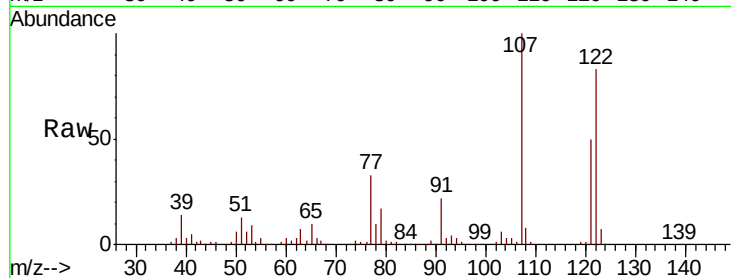
Tot Ion:122 Resp: 277024

Ion Ratio Lower Upper

122 100

107 121.2 91.2 136.8

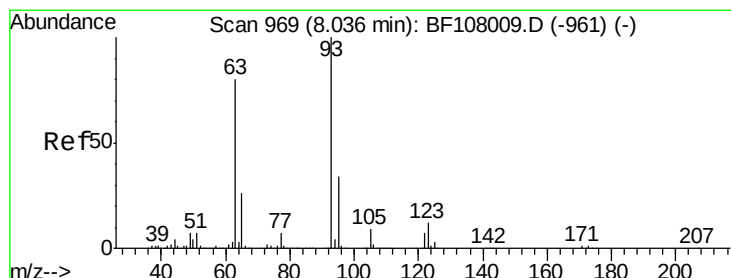
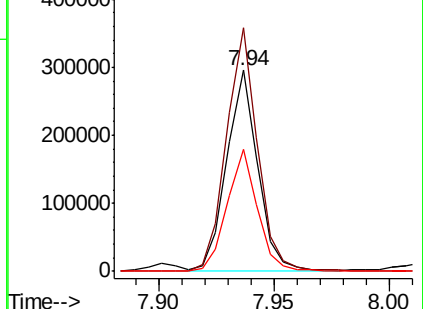
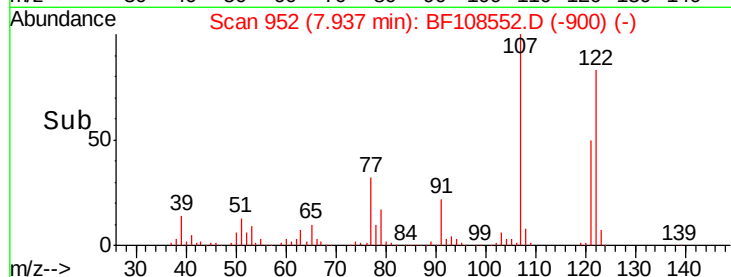
121 60.8 47.2 70.8



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: 40.043 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

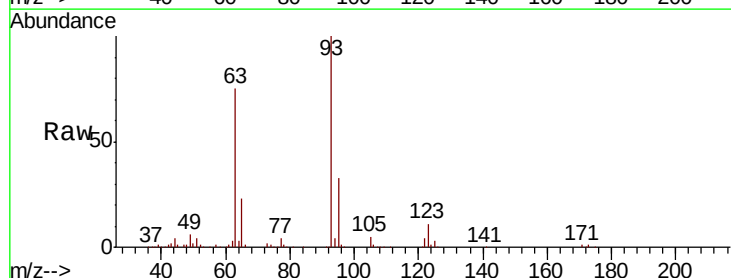
Tgt Ion: 93 Resp: 380043

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

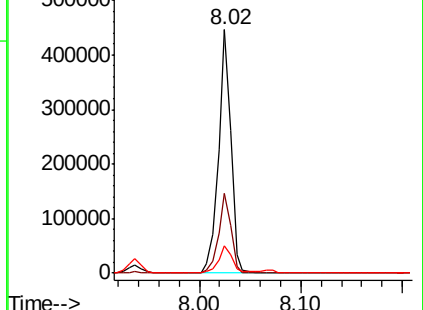
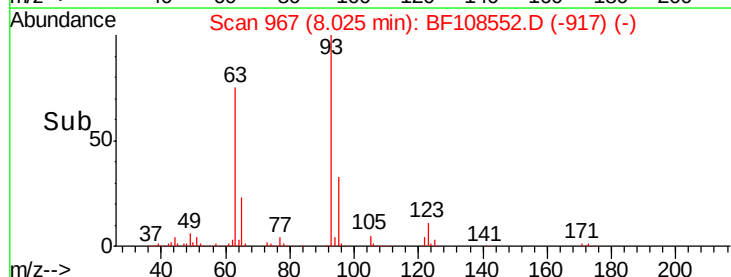
123 11.2 9.8 14.6

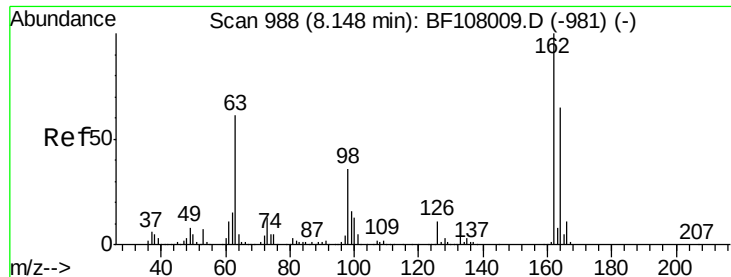


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

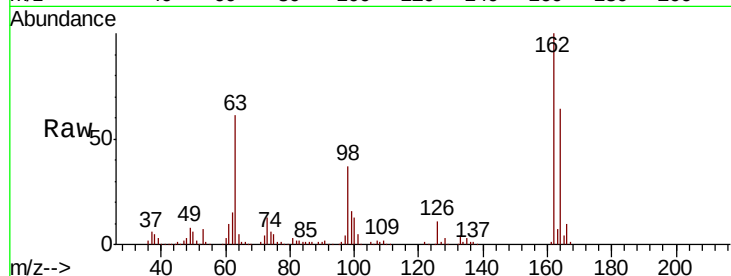




#29
 2,4-Dichlorophenol
 Concen: 42.782 ng
 RT: 8.15 min Scan# 988
 Delta R.T. 0.01 min
 Lab File: BF108552.D
 Acq: 28 Aug 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.7	82.7
98	36.7	18.1	58.1

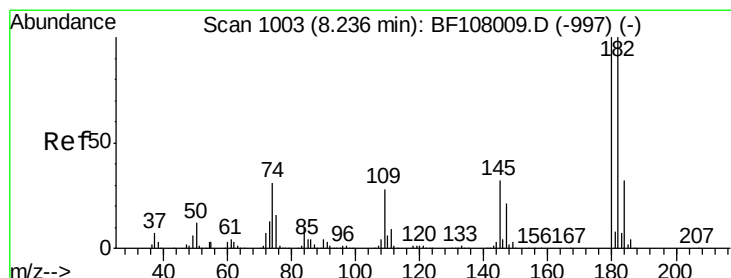
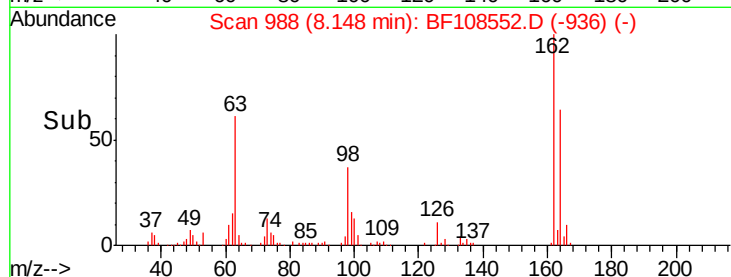
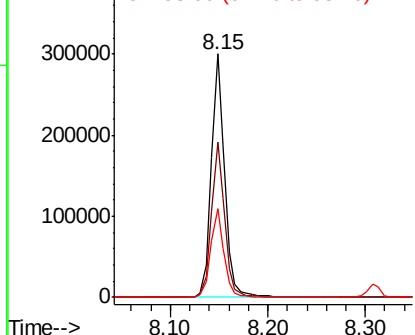


Abundance

Ion 162.00 (161.70 to 162.70): E

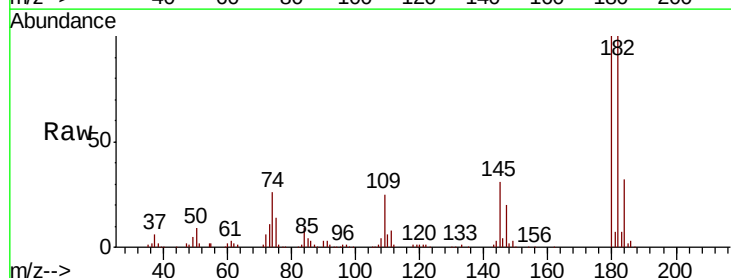
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.059 ng
 RT: 8.22 min Scan# 1001
 Delta R.T. -0.01 min
 Lab File: BF108552.D
 Acq: 28 Aug 2018 13:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.0	76.8	115.2
145	31.1	26.5	39.7

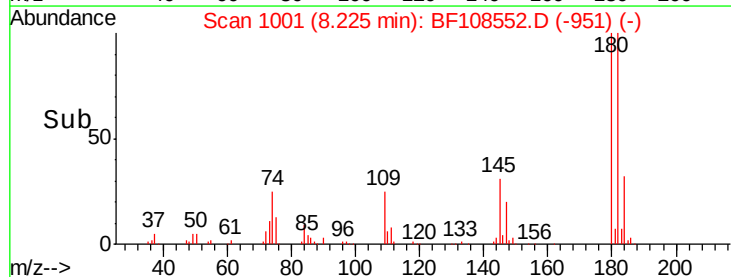
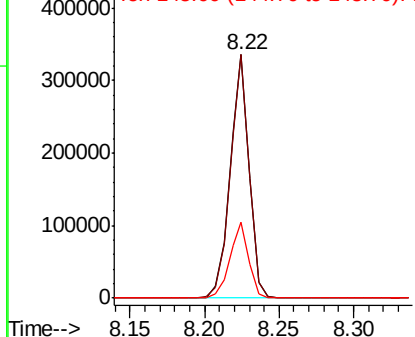


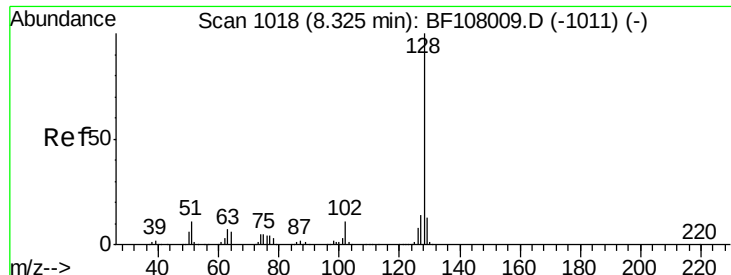
Abundance

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

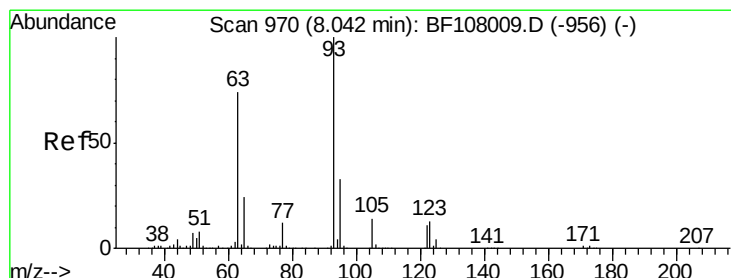
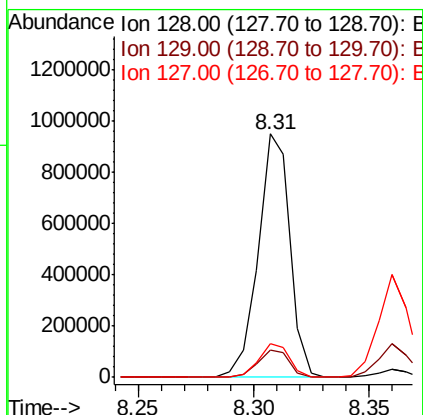
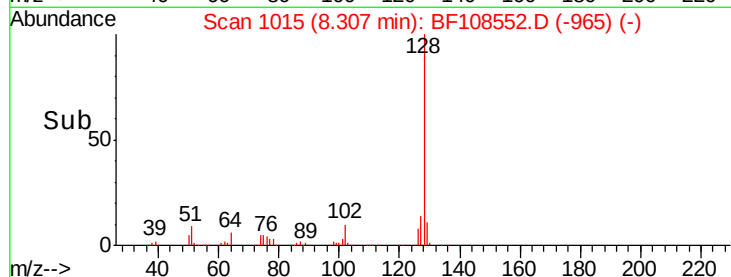
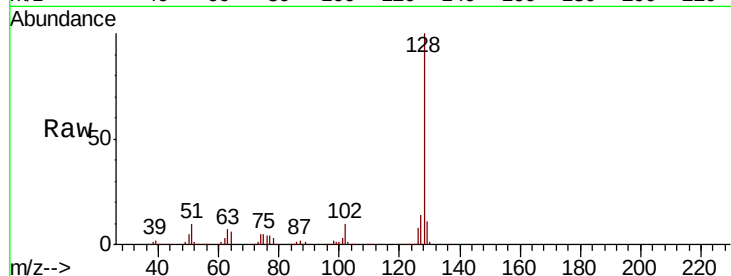




#31
Naphthalene
Concen: 41.951 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF108552.D
Acq: 28 Aug 2018 13:47

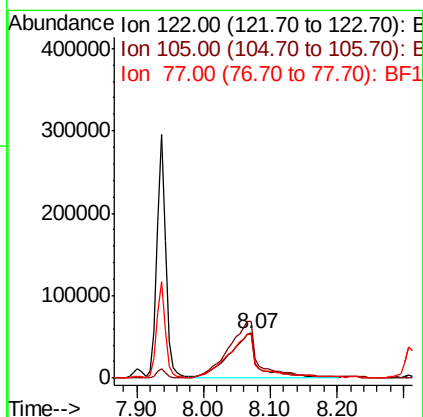
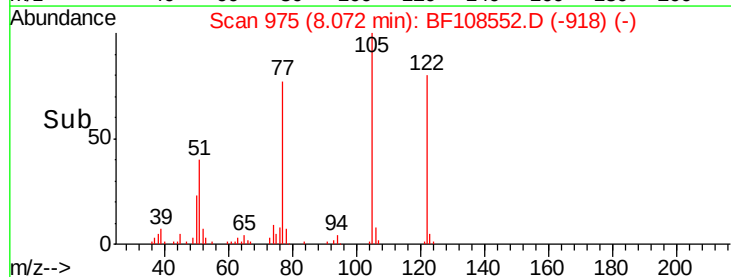
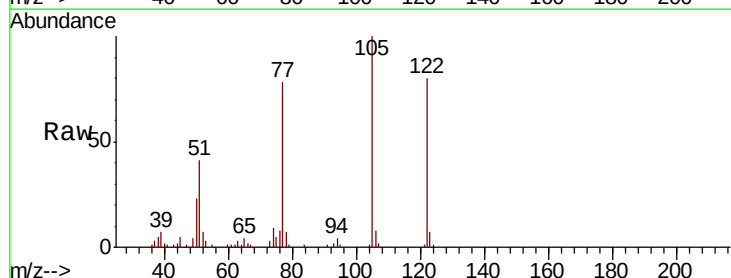
Instrument :
BNA_F
ClientSampleId :

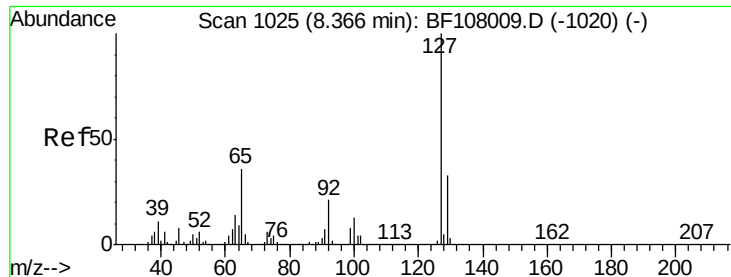
Tot Ion:128 Resp: 908059
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 40.360 ng
RT: 8.07 min Scan# 975
Delta R.T. 0.04 min
Lab File: BF108552.D
Acq: 28 Aug 2018 13:47

Tgt Ion:122 Resp: 164446
Ion Ratio Lower Upper
122 100
105 124.5 101.1 141.1
77 96.9 70.7 110.7

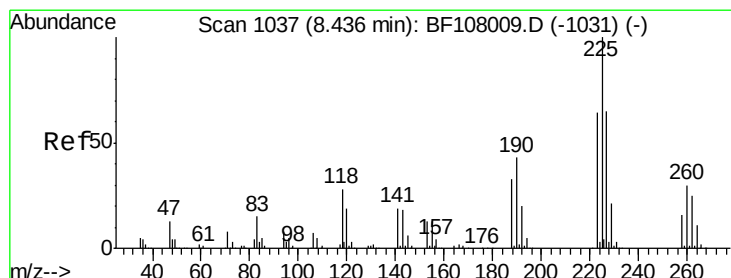
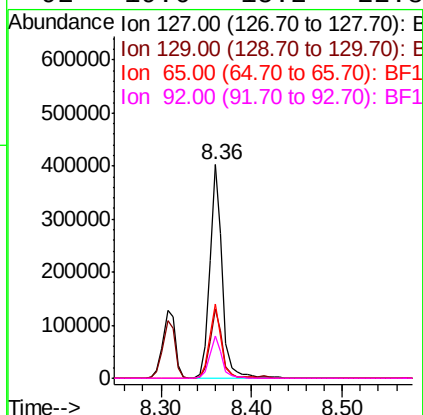
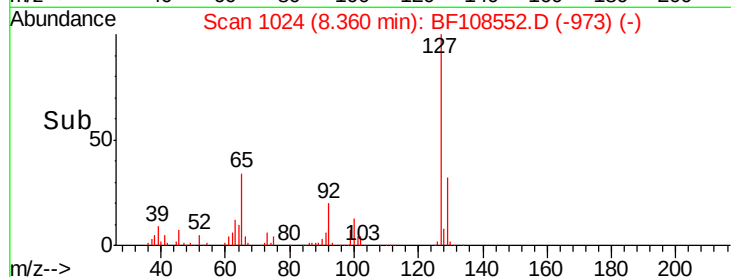
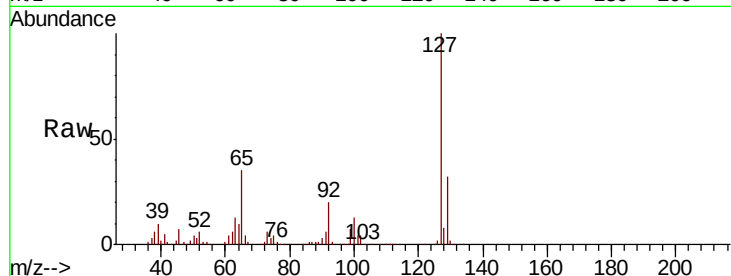




#33
4-Chloroaniline
Concen: 41.131 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF108552.D
Acq: 28 Aug 2018 13:47

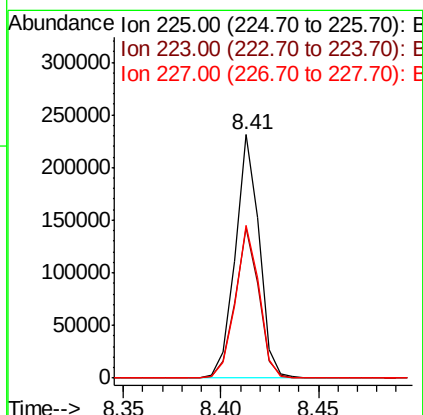
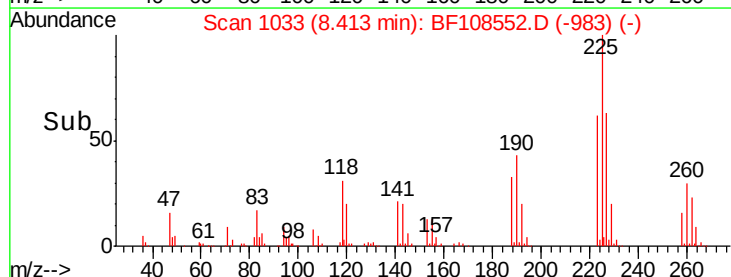
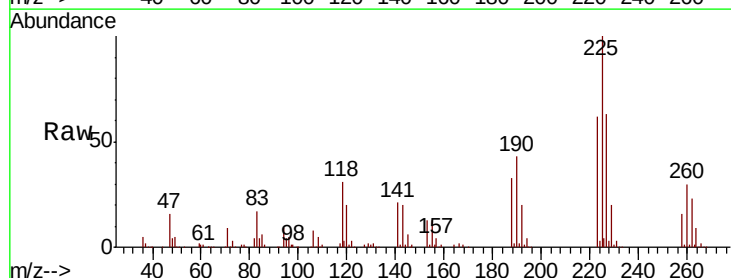
Instrument :
BNA_F
ClientSampleId :

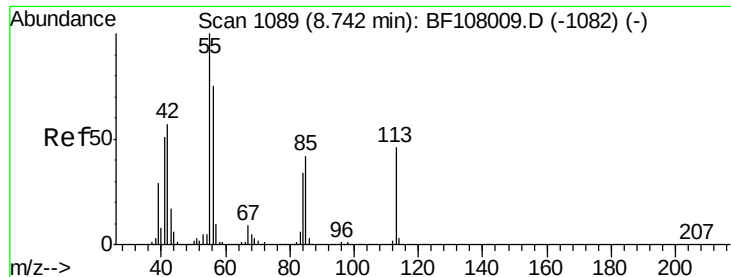
Tot Ion:	127	Resp:	387992
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	35.0	25.0	37.4
92	19.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 42.393 ng
RT: 8.41 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF108552.D
Acq: 28 Aug 2018 13:47

Tgt Ion:	225	Resp:	196477
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.6	76.0
227	62.7	51.9	77.9





#35

Caprolactam

Concen: 40.725 ng

RT: 8.74 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

Instrument :

BNA_F

ClientSampleId :

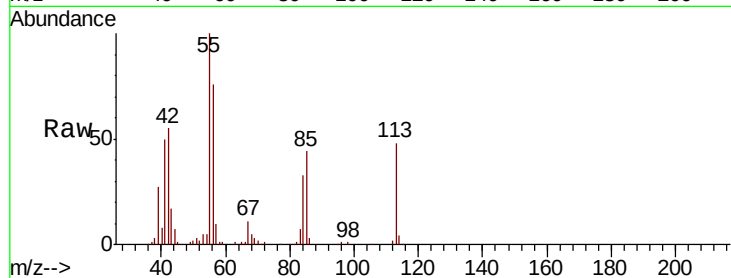
Tot Ion:113 Resp: 84744

Ion Ratio Lower Upper

113 100

55 208.3 163.3 203.3#

56 157.8 115.7 155.7#

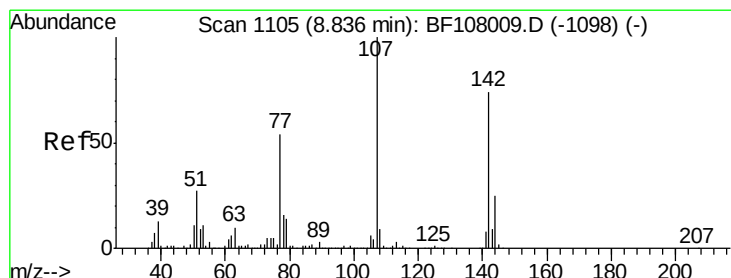
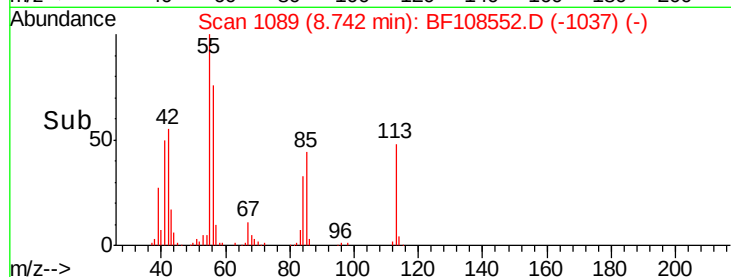
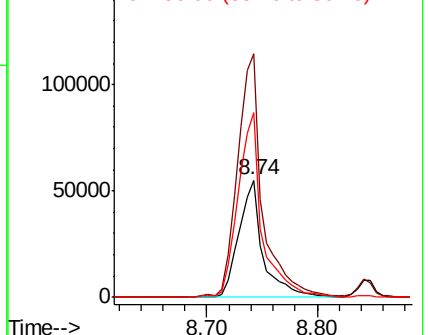


Abundance

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: 41.349 ng

RT: 8.84 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

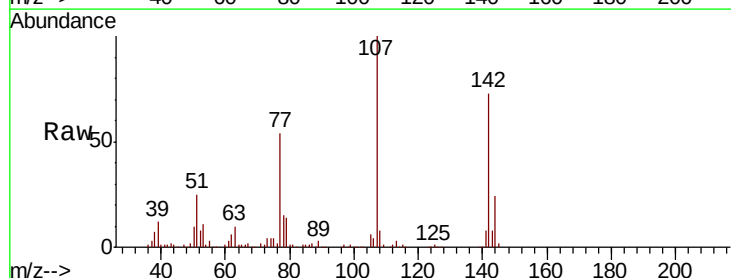
Tgt Ion:107 Resp: 296201

Ion Ratio Lower Upper

107 100

144 24.0 20.5 30.7

142 73.4 62.0 93.0

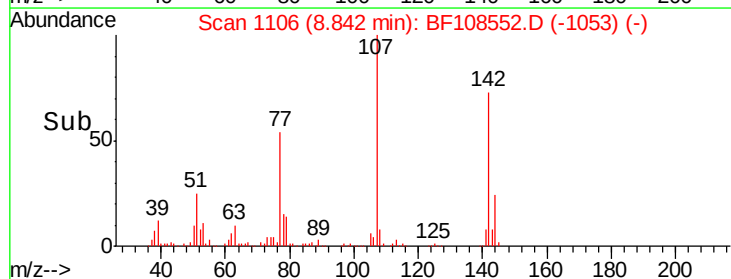
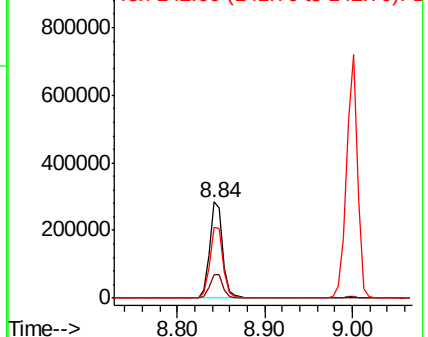


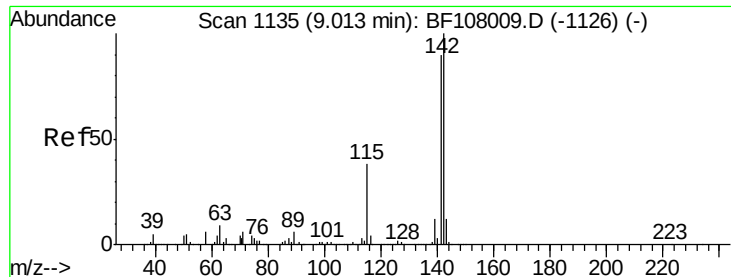
Abundance

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: 41.072 ng

RT: 9.00 min Scan# 1133

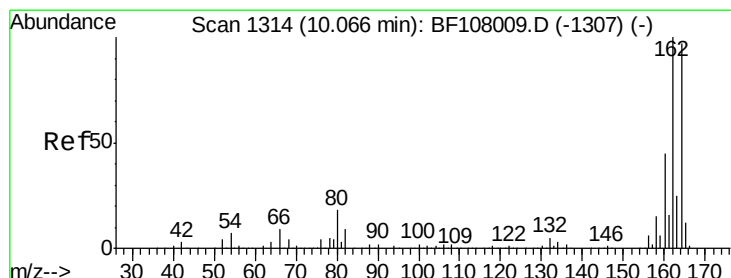
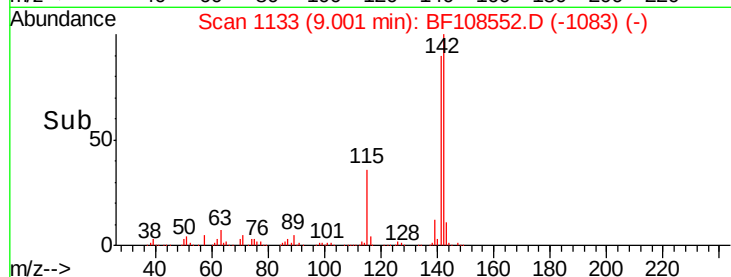
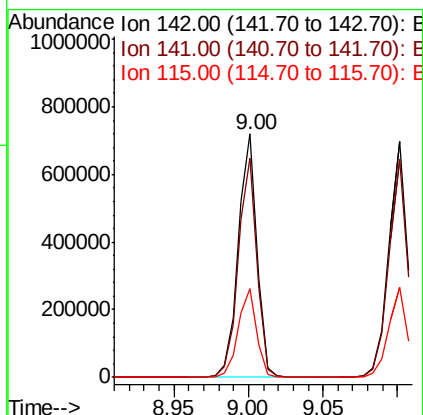
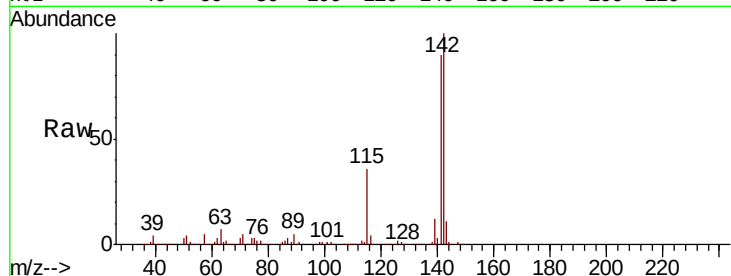
Delta R.T. -0.01 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	36.3	26.1	39.1



#38

Acenaphthene-d10

Concen: 20.000 ng

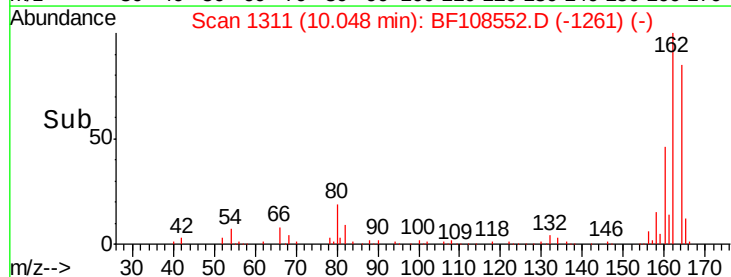
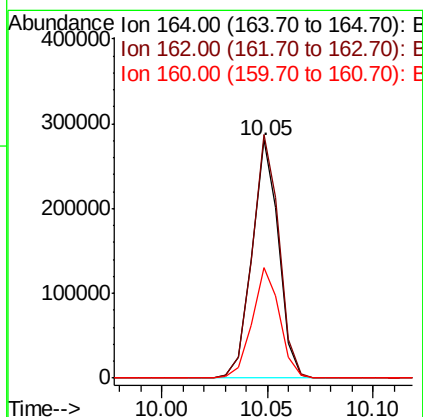
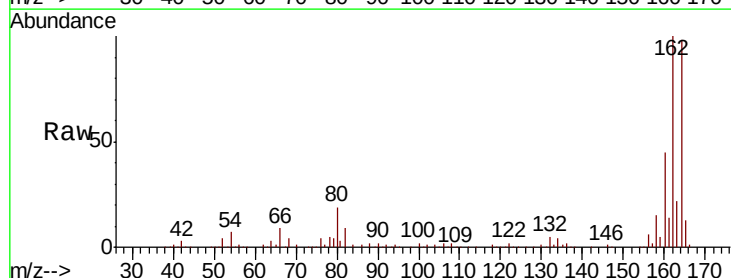
RT: 10.05 min Scan# 1311

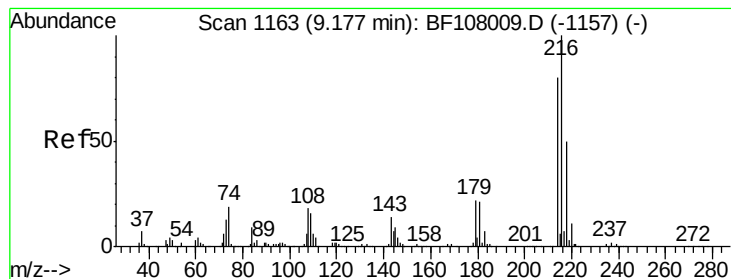
Delta R.T. -0.01 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	46.2	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.149 ng

RT: 9.17 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 317416

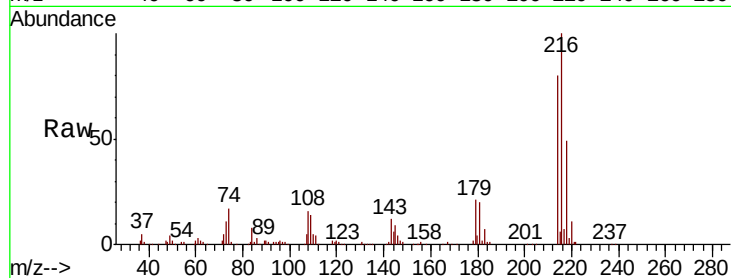
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 20.8 18.1 27.1

108 18.8 17.2 25.8

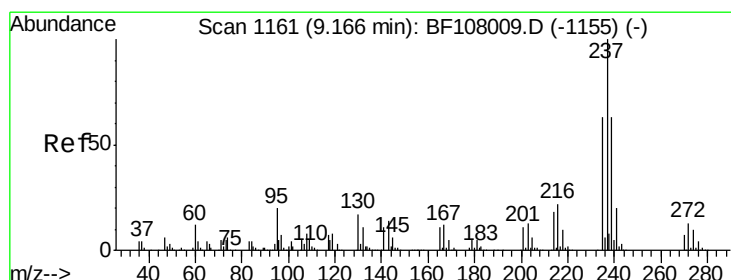
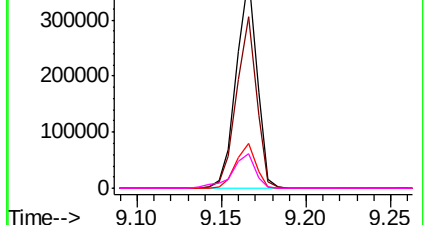
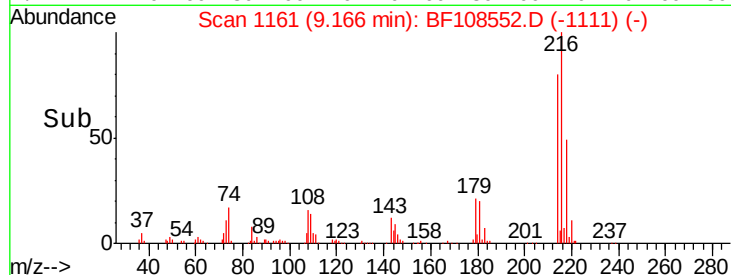


Abundance Ion 216.00 (215.70 to 216.70): E

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: 44.989 ng

RT: 9.15 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

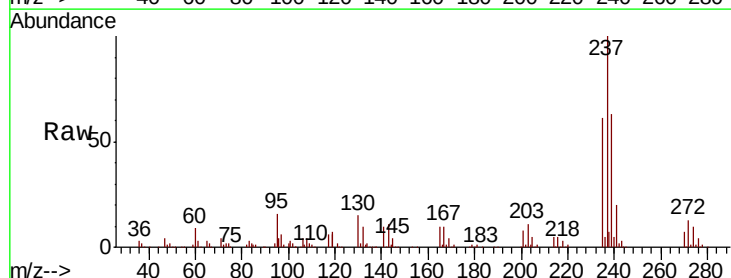
Tgt Ion:237 Resp: 218839

Ion Ratio Lower Upper

237 100

235 61.4 44.8 84.8

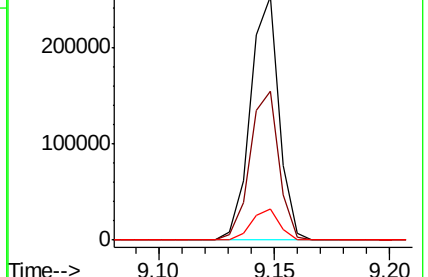
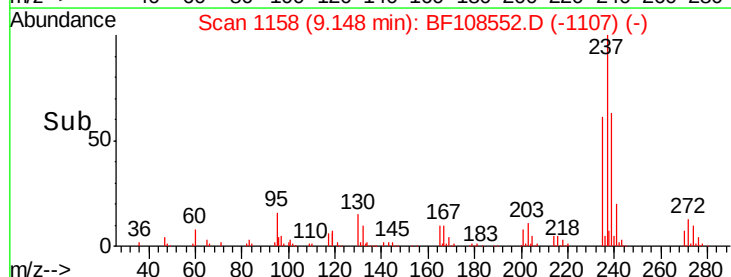
272 13.0 0.0 33.3

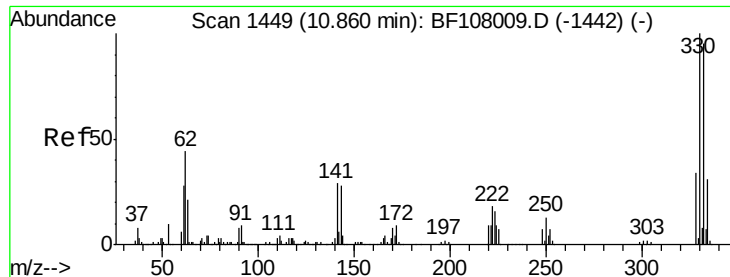


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

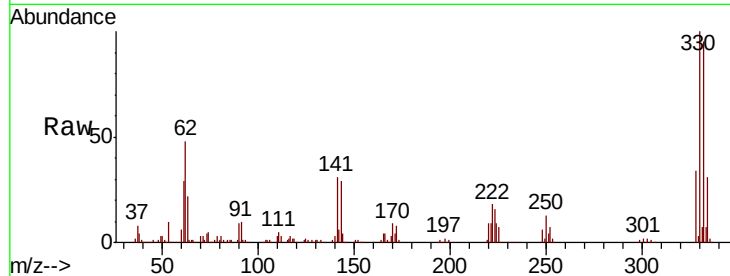




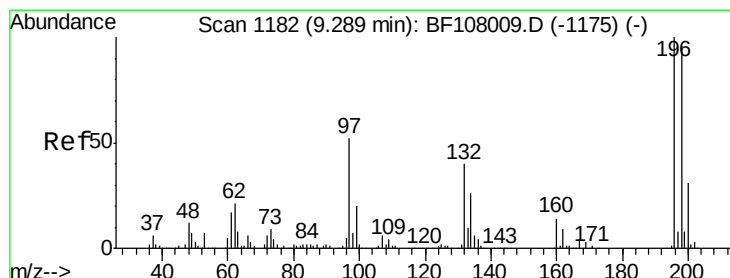
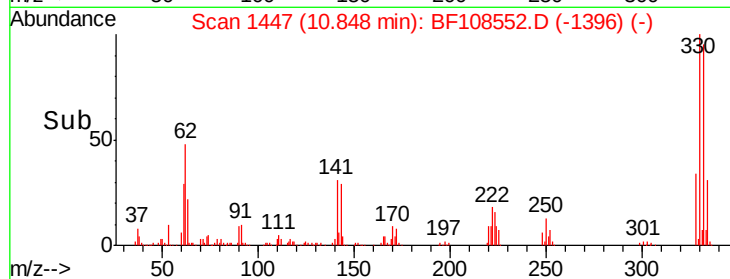
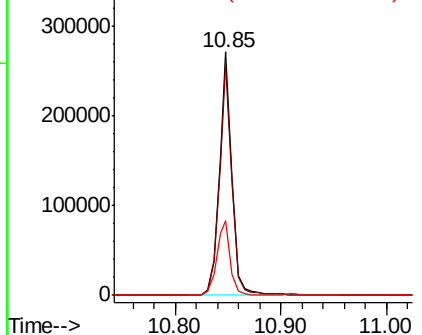
#41
 2,4,6-Tribromophenol
 Concen: 93.859 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF108552.D
 Acq: 28 Aug 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	32.9	29.9	44.9

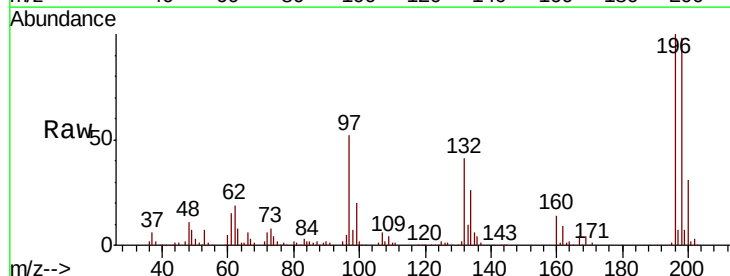


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

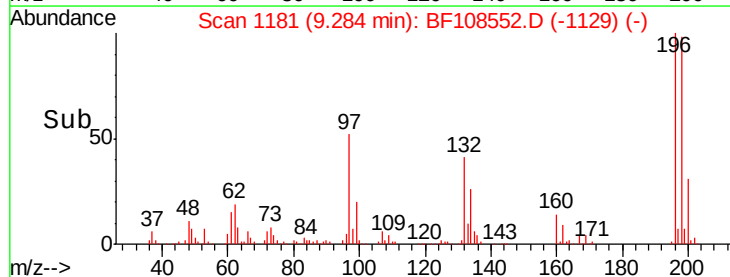
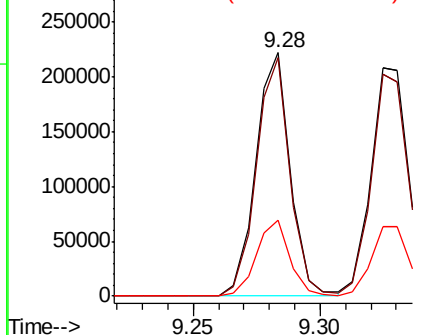


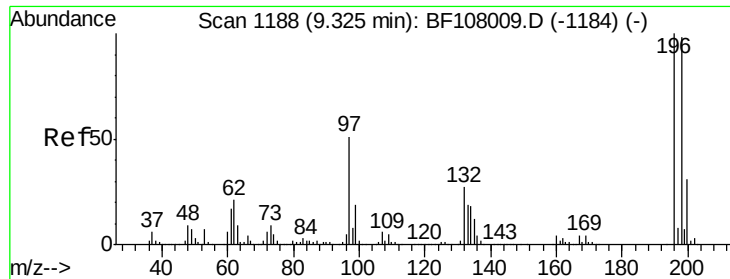
#42
 2,4,6-Trichlorophenol
 Concen: 44.662 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF108552.D
 Acq: 28 Aug 2018 13:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.0	75.7	113.5
200	31.2	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

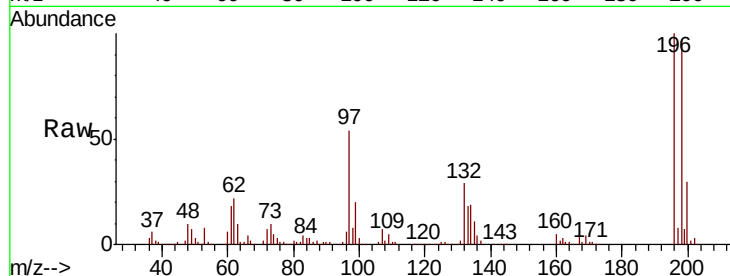




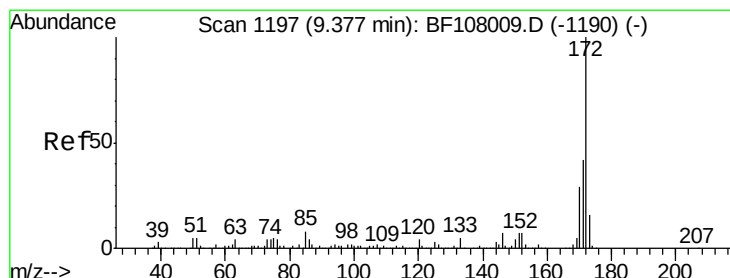
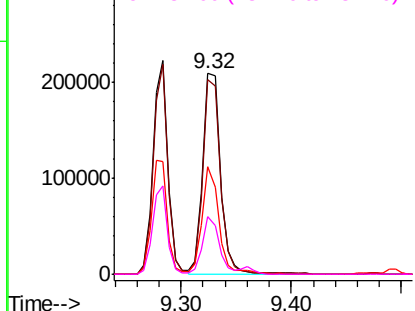
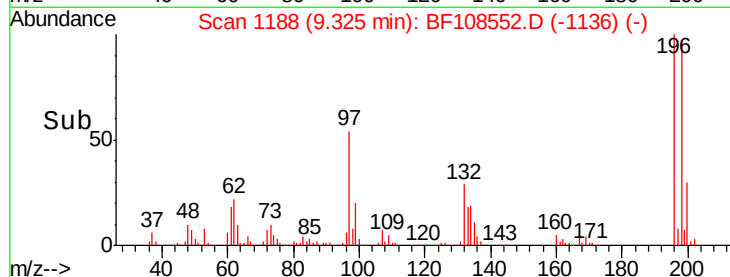
#43
 2,4,5-Trichlorophenol
 Concen: 43.855 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF108552.D
 Acq: 28 Aug 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	225608
Ion	Ratio	Lower	Upper
196	100		
198	97.2	74.6	112.0
97	53.9	42.9	64.3
132	28.8	26.3	39.5

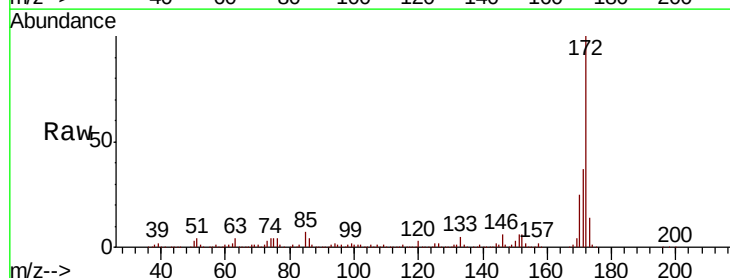


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

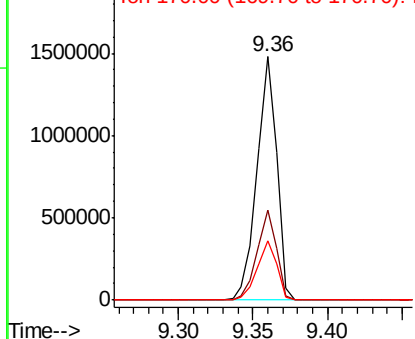
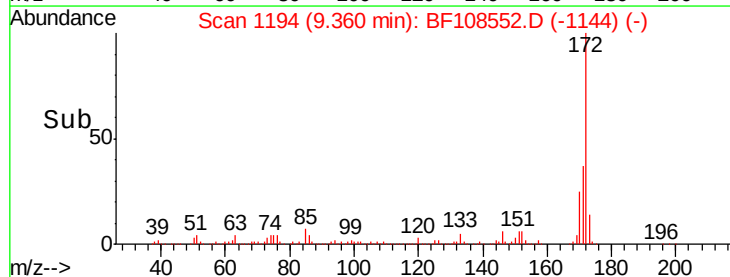


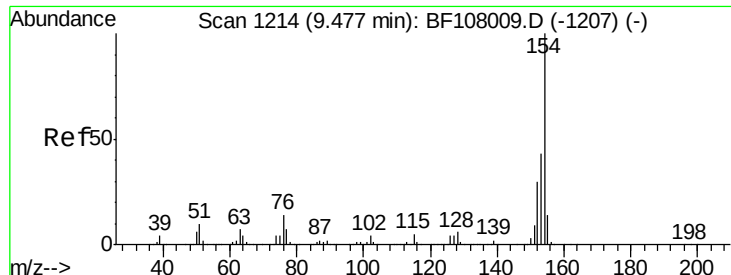
#44
 2-Fluorobiphenyl
 Concen: 87.957 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108552.D
 Acq: 28 Aug 2018 13:47

Tgt Ion:	172	Resp:	1343520
Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.5	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

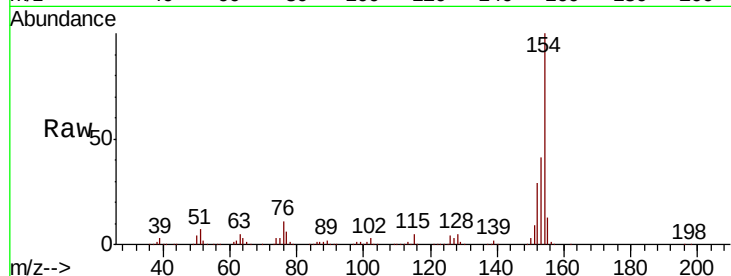




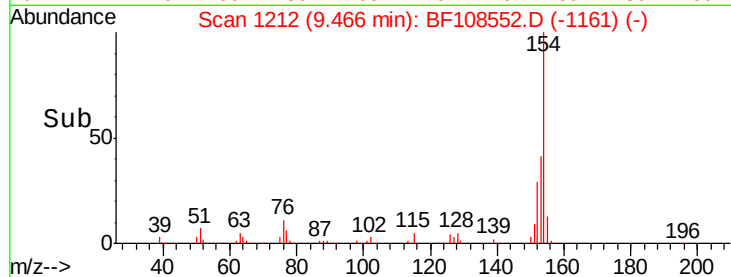
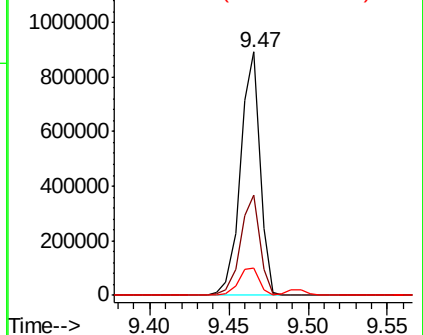
#45
 1,1'-Biphenyl
 Concen: 42.051 ng
 RT: 9.47 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF108552.D
 Acq: 28 Aug 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.3	61.3
76	11.2	0.0	34.0

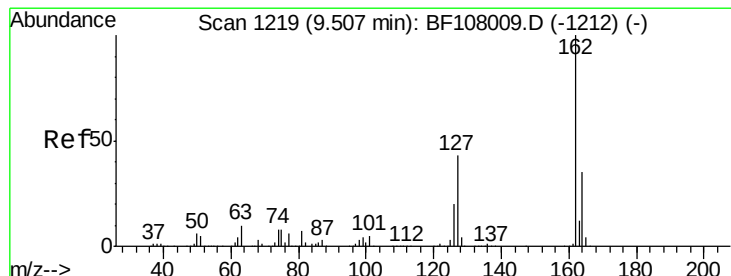


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

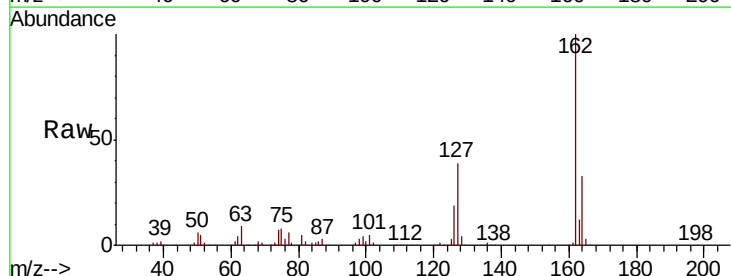
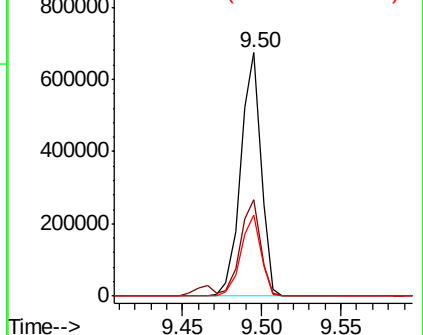


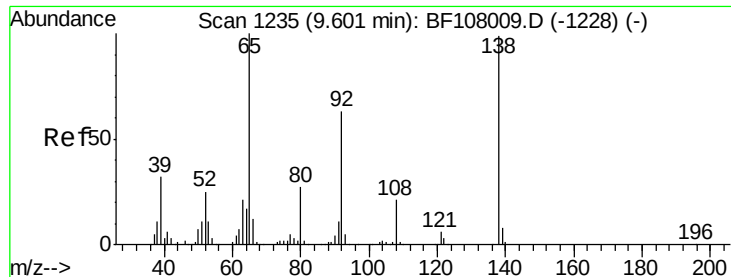
#46
 2-Chloronaphthalene
 Concen: 41.794 ng
 RT: 9.50 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF108552.D
 Acq: 28 Aug 2018 13:47

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.5	33.9	50.9
164	33.2	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

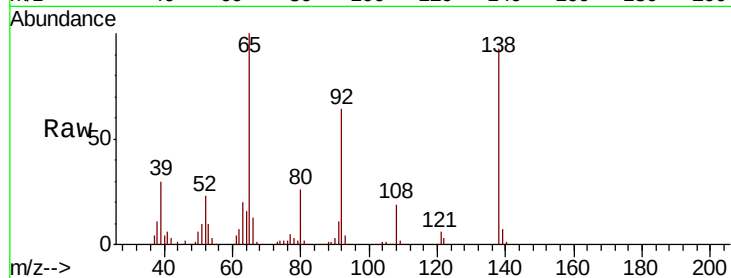




#47
2-Nitroaniline
Concen: 43.957 ng
RT: 9.60 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BF108552.D
Acq: 28 Aug 2018 13:47

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.1	55.8	83.6
138	93.0	91.2	136.8

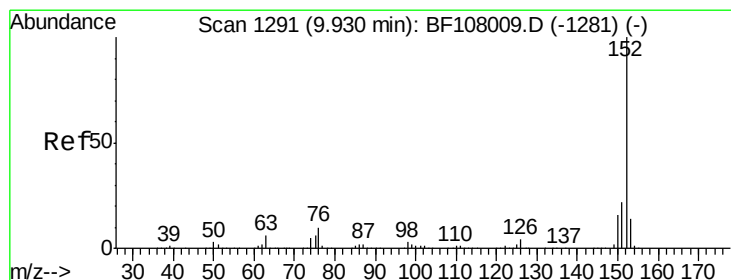
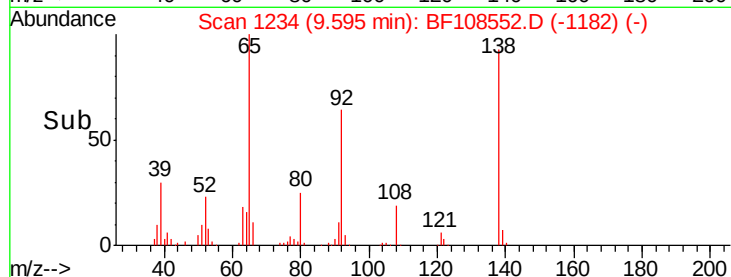
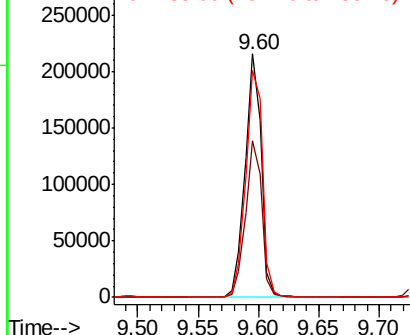


Abundance

Ion 65.00 (64.70 to 65.70): BF1

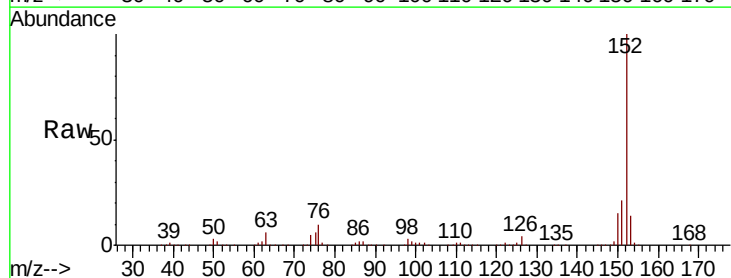
Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48
Acenaphthylene
Concen: 42.093 ng
RT: 9.91 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF108552.D
Acq: 28 Aug 2018 13:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.7	10.7	16.1

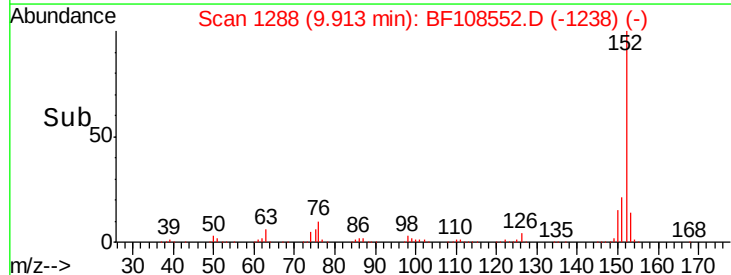
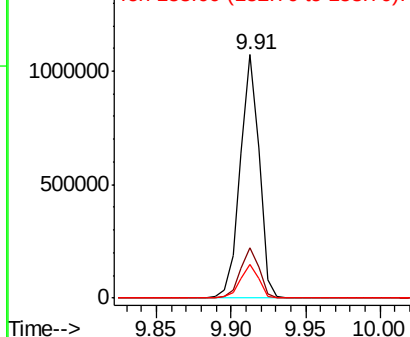


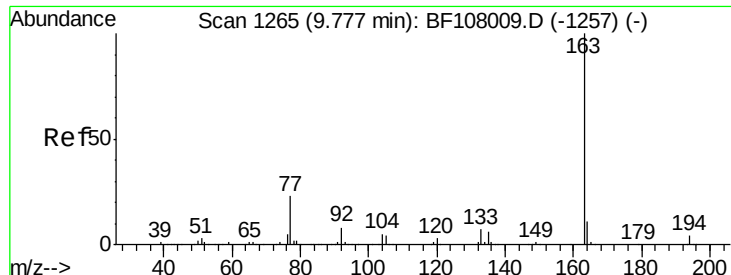
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

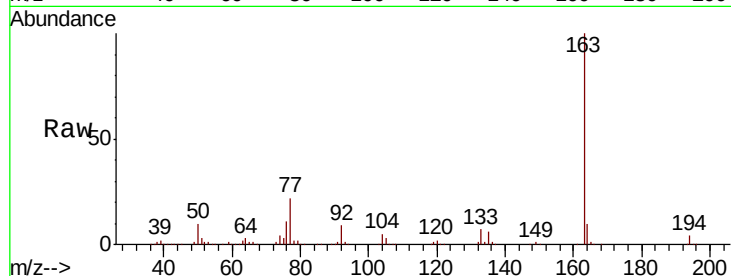




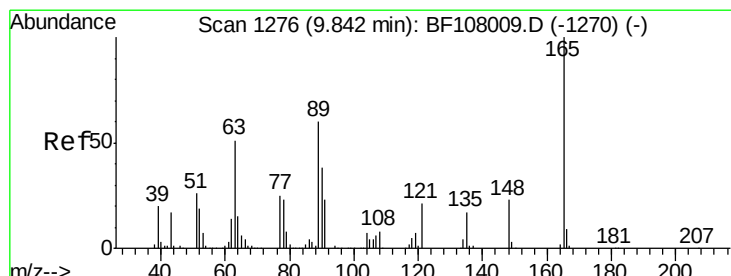
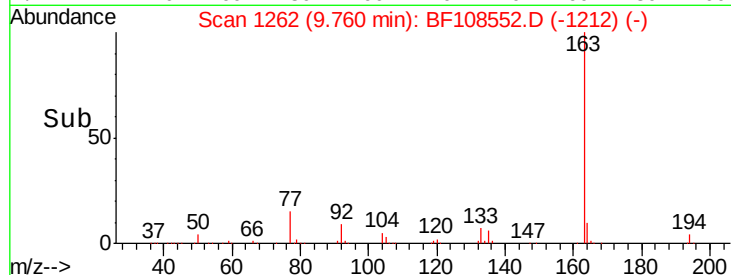
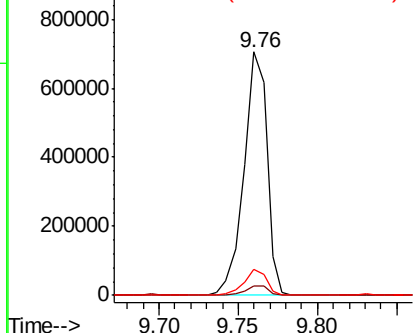
#49
 Dimethylphthalate
 Concen: 41.500 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BF108552.D
 Acq: 28 Aug 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.5	8.2	12.2

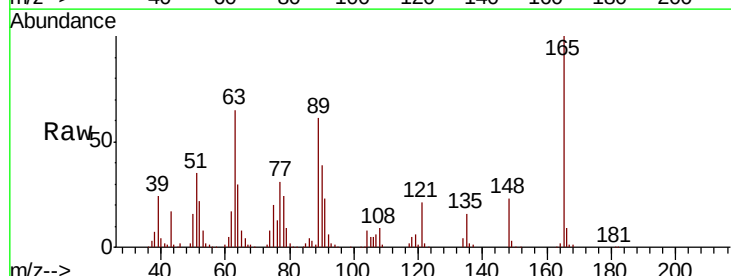


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

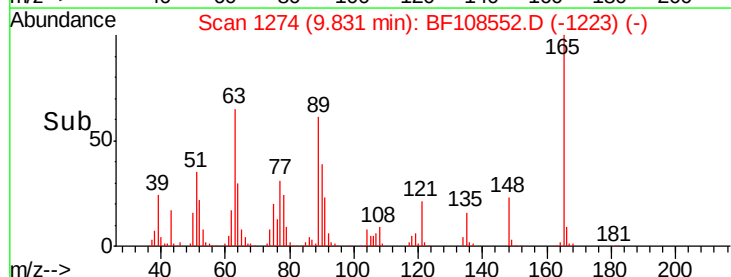
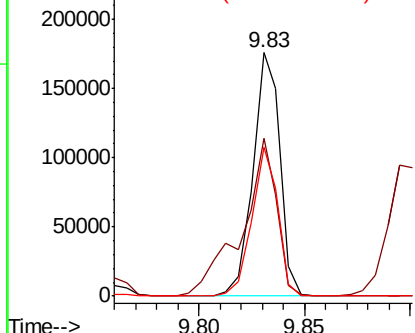


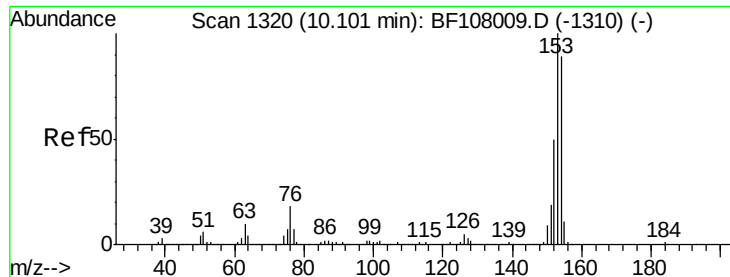
#50
 2,6-Dinitrotoluene
 Concen: 43.575 ng
 RT: 9.83 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: BF108552.D
 Acq: 28 Aug 2018 13:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.1	44.7	67.1
89	61.0	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: 39.646 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

Instrument :

BNA_F

ClientSampled :

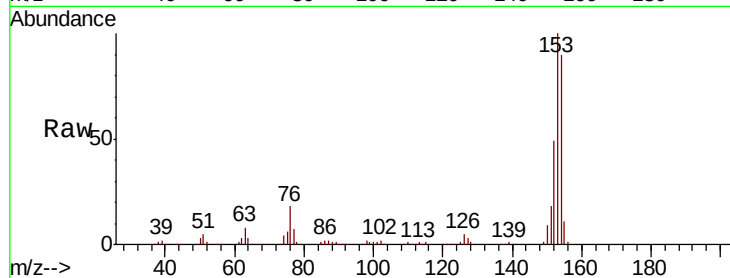
Tot Ion:154 Resp: 548608

Ion Ratio Lower Upper

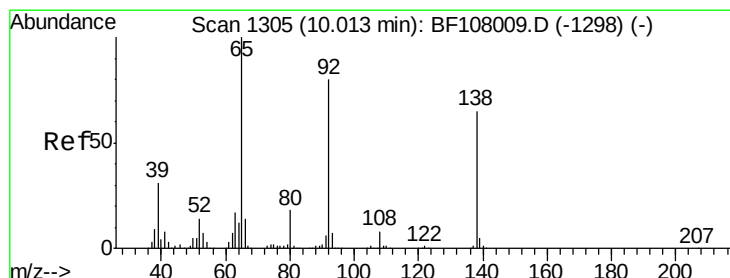
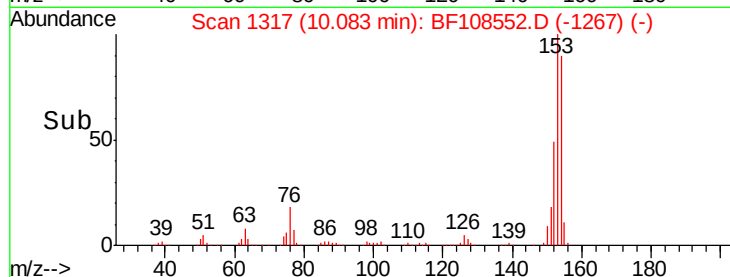
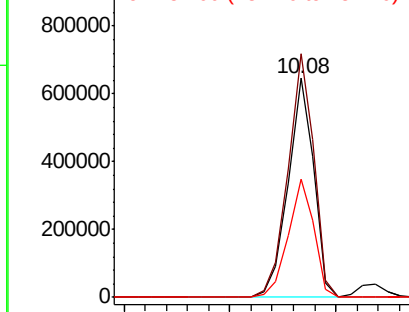
154 100

153 111.1 91.2 136.8

152 53.9 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: 43.037 ng

RT: 10.01 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

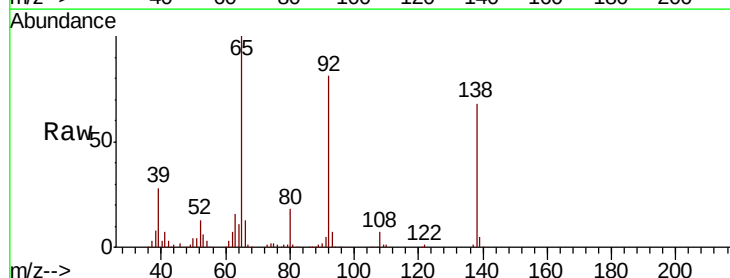
Tgt Ion:138 Resp: 168292

Ion Ratio Lower Upper

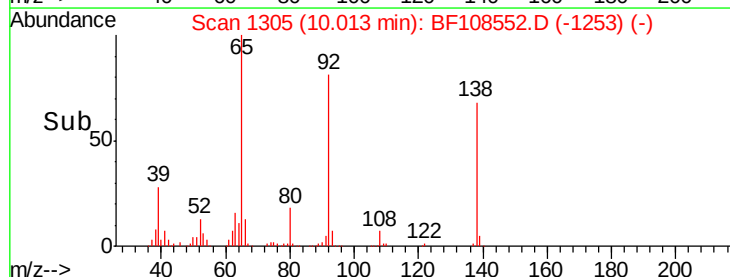
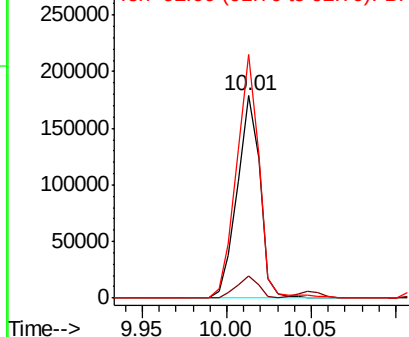
138 100

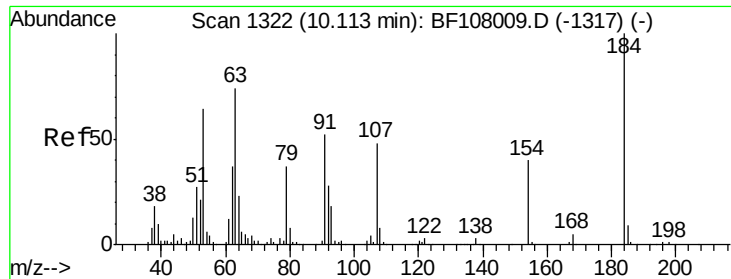
108 11.1 9.4 14.0

92 120.3 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

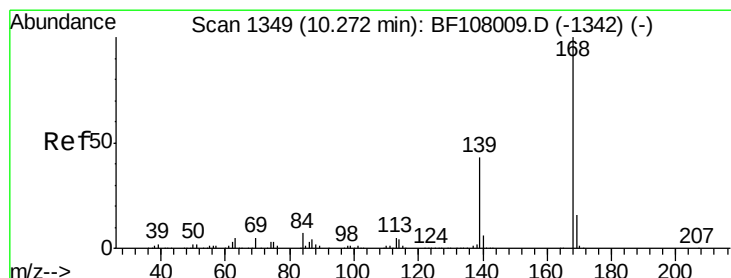
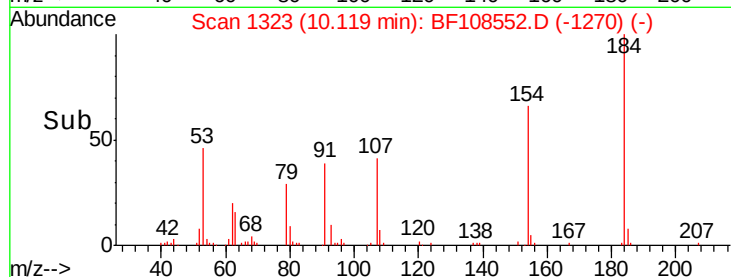
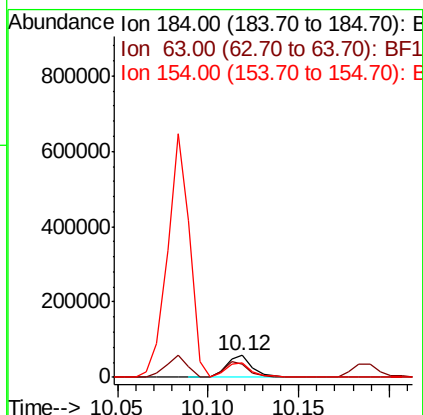
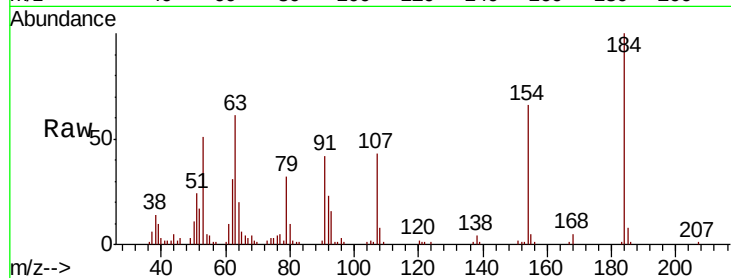




#53
 2,4-Dinitrophenol
 Concen: 47.185 ng
 RT: 10.12 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF108552.D
 Acq: 28 Aug 2018 13:47

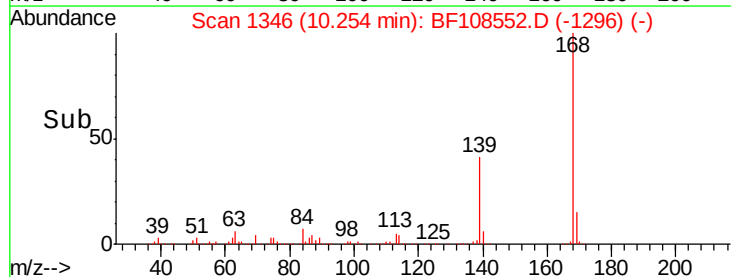
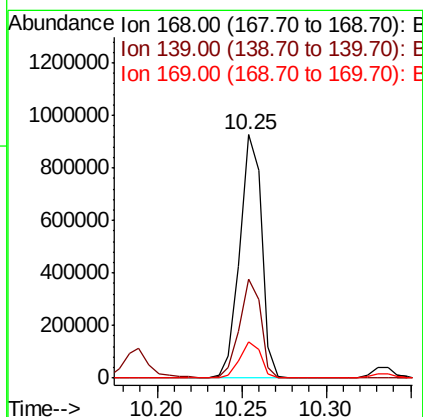
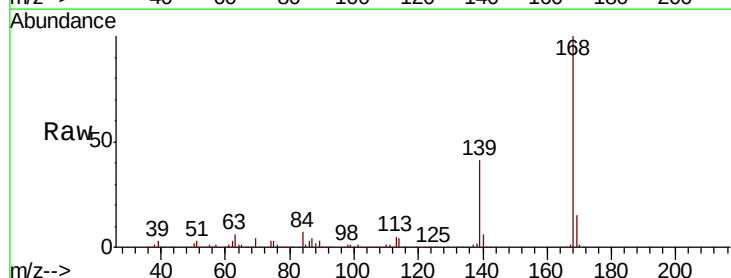
Instrument :
 BNA_F
 ClientSampleId :

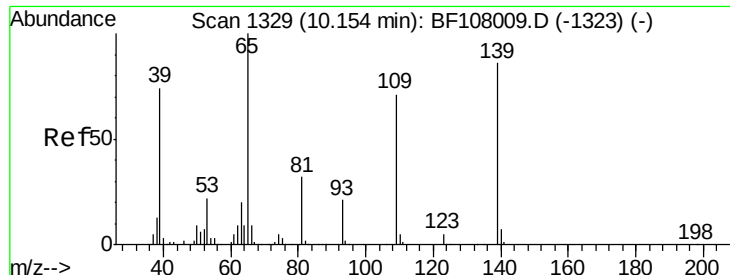
Tot Ion:184 Resp: 58889
 Ion Ratio Lower Upper
 184 100
 63 60.6 54.2 81.2
 154 65.7 184.0 276.0#



#54
 Dibenzofuran
 Concen: 41.689 ng
 RT: 10.25 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF108552.D
 Acq: 28 Aug 2018 13:47

Tgt Ion:168 Resp: 835764
 Ion Ratio Lower Upper
 168 100
 139 40.5 30.1 45.1
 169 14.7 10.9 16.3

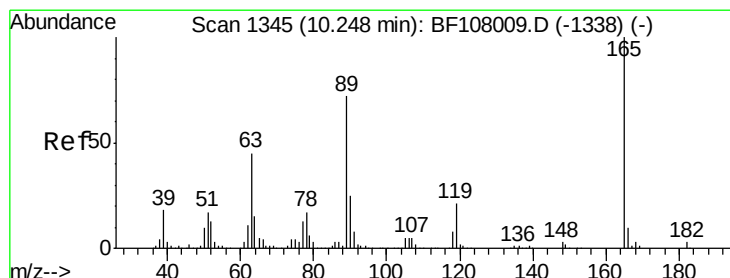
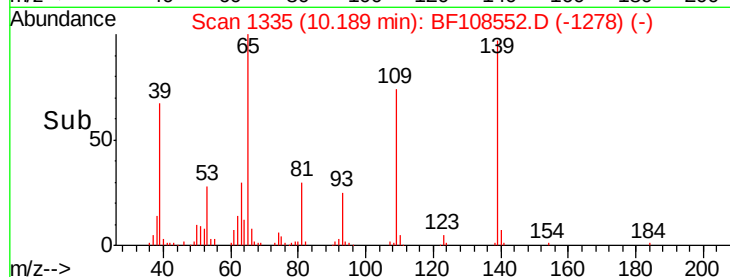
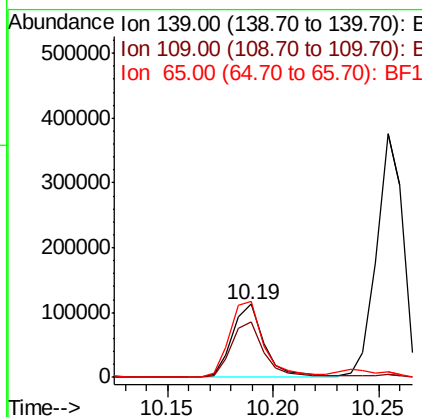
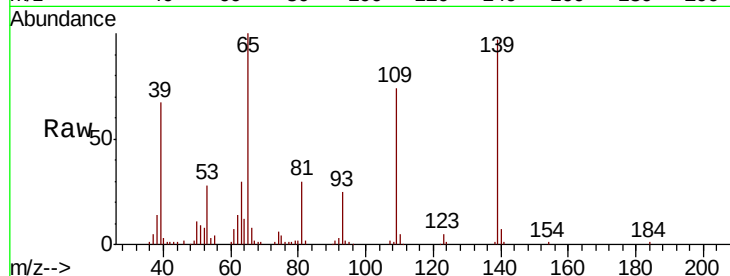




#55
4-Nitrophenol
Concen: 40.695 ng
RT: 10.19 min Scan# 1335
Delta R.T. 0.04 min
Lab File: BF108552.D
Acq: 28 Aug 2018 13:47

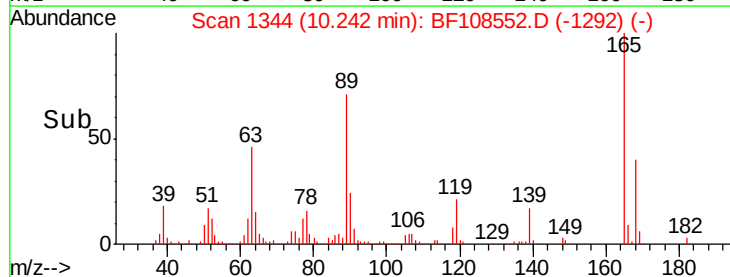
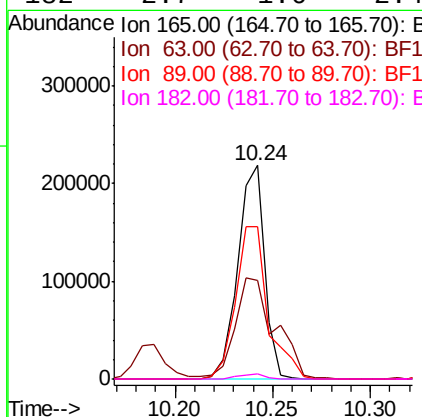
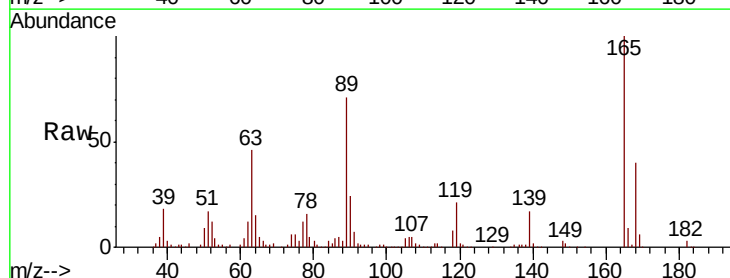
Instrument :
BNA_F
ClientSampled :

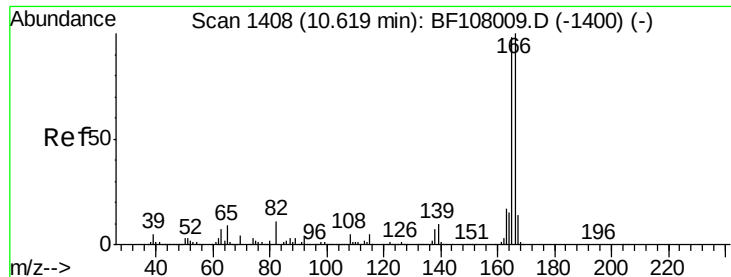
Tot Ion	Ratio	Lower	Upper
139	100		
109	76.6	48.4	88.4
65	103.4	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 45.062 ng
RT: 10.24 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF108552.D
Acq: 28 Aug 2018 13:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.0	36.4	54.6
89	71.1	57.8	86.6
182	2.7	1.6	2.4#





#57

Fluorene

Concen: 42.869 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

Instrument :

BNA_F

ClientSampleId :

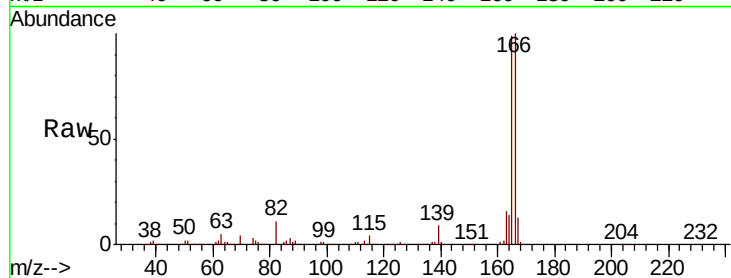
Tot Ion:166 Resp: 680336

Ion Ratio Lower Upper

166 100

165 98.6 79.8 119.8

167 13.4 10.6 16.0

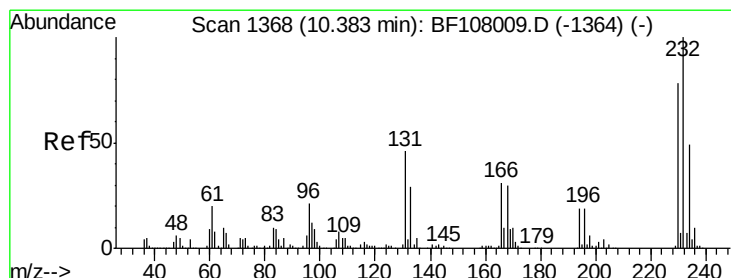
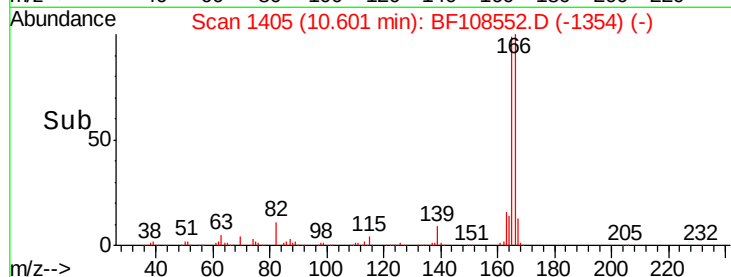
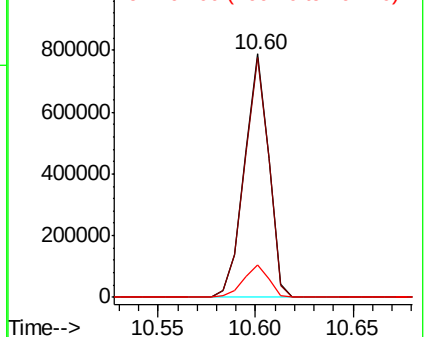


Abundance

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: 43.672 ng

RT: 10.38 min Scan# 1367

Delta R.T. 0.01 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

Tgt Ion:232 Resp: 187781

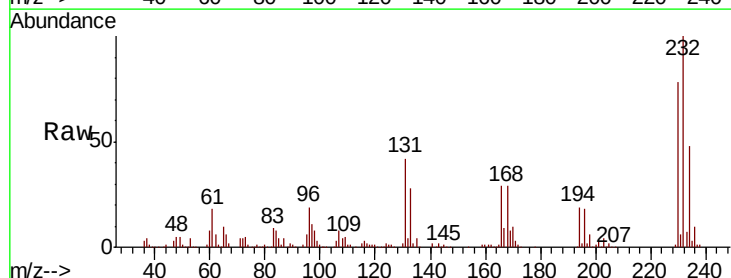
Ion Ratio Lower Upper

232 100

131 44.4 43.8 65.8

130 2.2 2.1 3.1

166 29.6 27.8 41.6



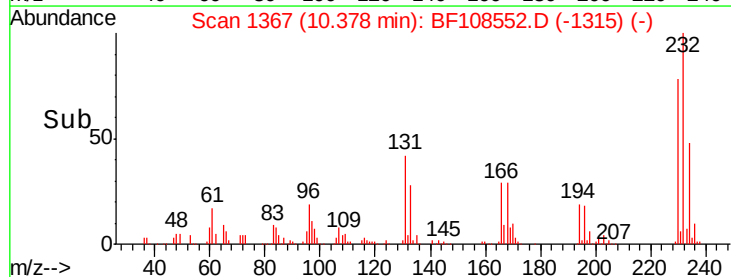
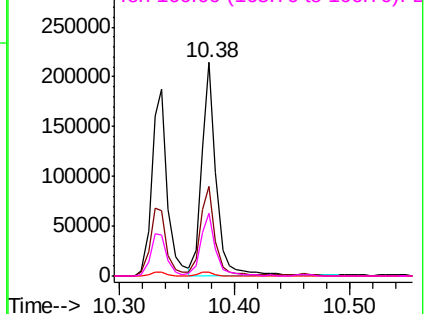
Abundance

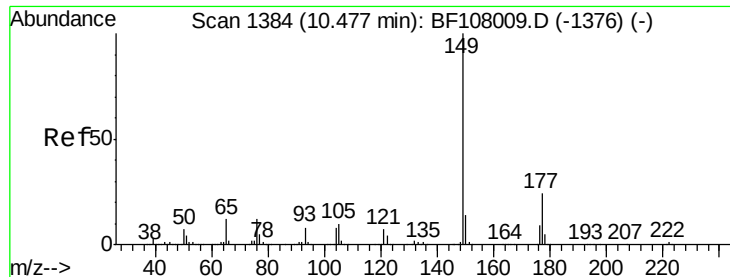
Ion 232.00 (231.70 to 232.70): E

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

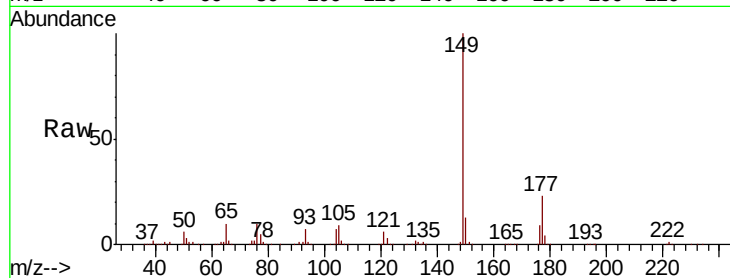




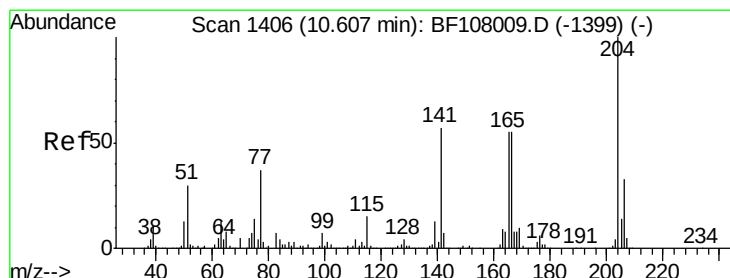
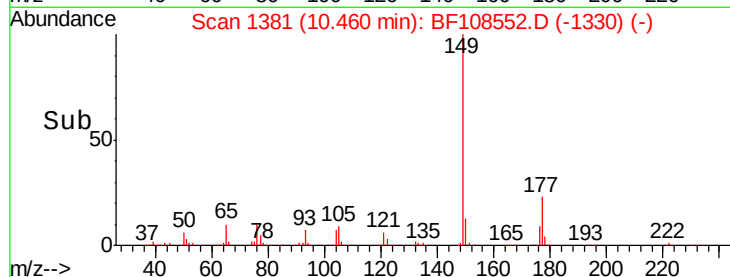
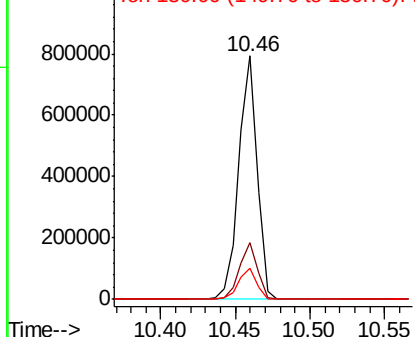
#59
Diethylphthalate
Concen: 41.437 ng
RT: 10.46 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF108552.D
Acq: 28 Aug 2018 13:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 685434
Ion Ratio Lower Upper
149 100
177 23.0 16.1 24.1
150 12.8 10.1 15.1

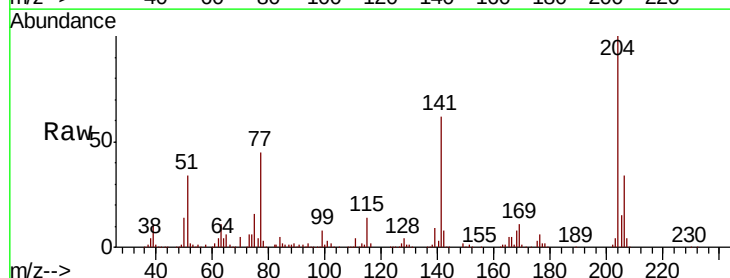


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

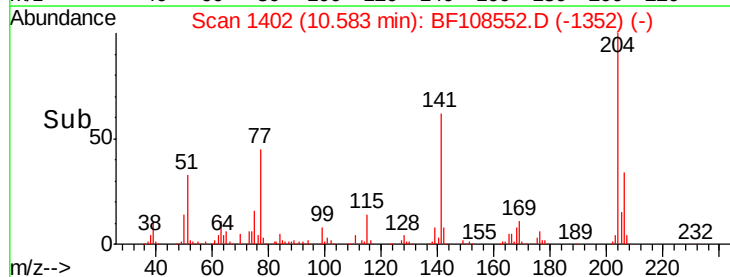
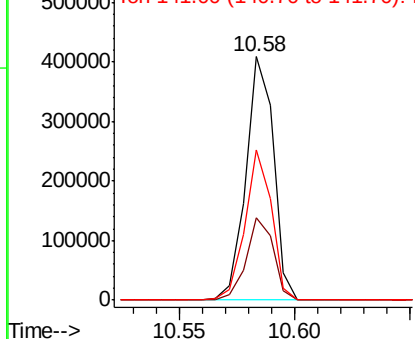


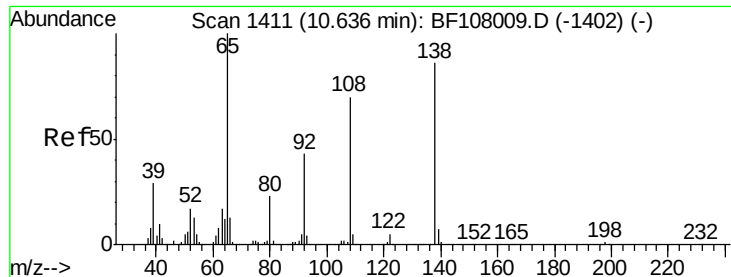
#60
4-Chlorophenyl-phenylether
Concen: 41.499 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF108552.D
Acq: 28 Aug 2018 13:47

Tgt Ion:204 Resp: 343176
Ion Ratio Lower Upper
204 100
206 33.9 26.5 39.7
141 61.7 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

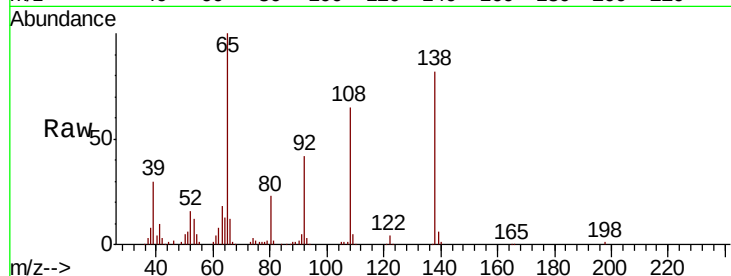




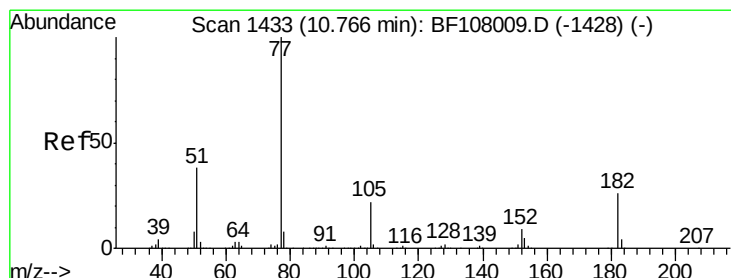
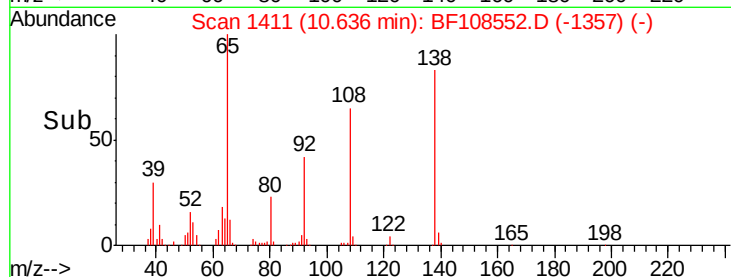
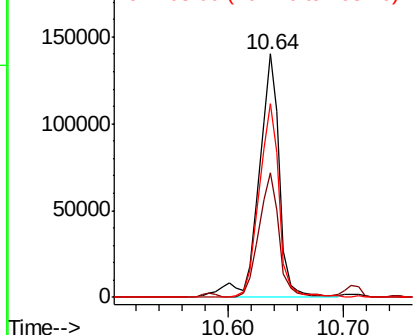
#61
4-Nitroaniline
Concen: 45.457 ng
RT: 10.64 min Scan# 1411
Delta R.T. 0.02 min
Lab File: BF108552.D
Acq: 28 Aug 2018 13:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 175742
Ion Ratio Lower Upper
138 100
92 50.9 30.2 70.2
108 79.4 52.5 92.5

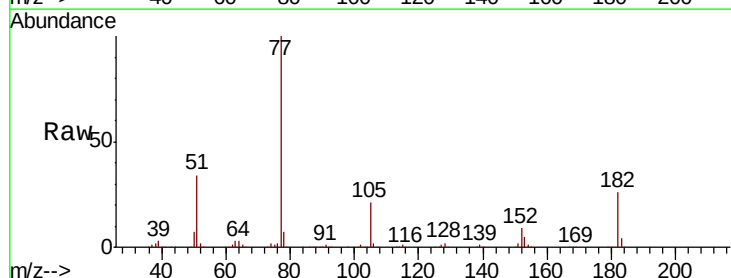


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

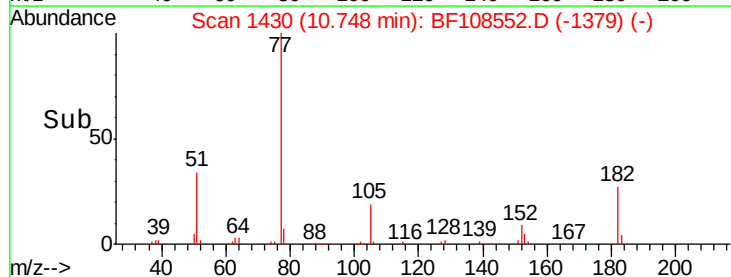
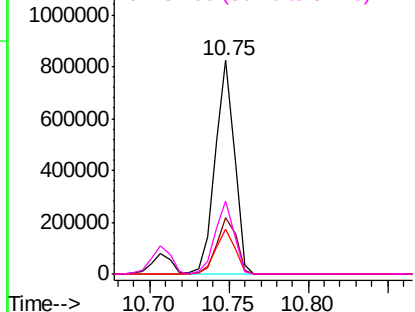


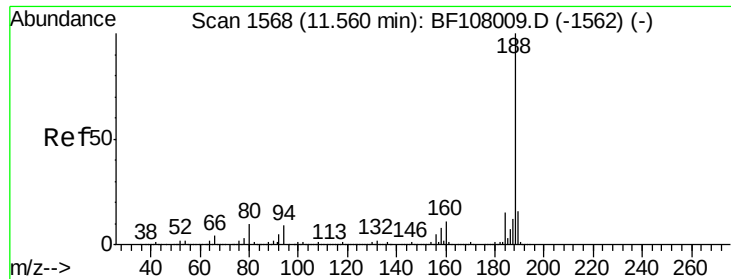
#62
Azobenzene
Concen: 40.516 ng
RT: 10.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF108552.D
Acq: 28 Aug 2018 13:47

Tgt Ion: 77 Resp: 692137
Ion Ratio Lower Upper
77 100
182 26.4 1.7 41.7
105 21.2 3.0 43.0
51 34.3 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: 11.55 min Scan# 1566

Delta R.T. -0.00 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

Instrument :

BNA_F

ClientSampleId :

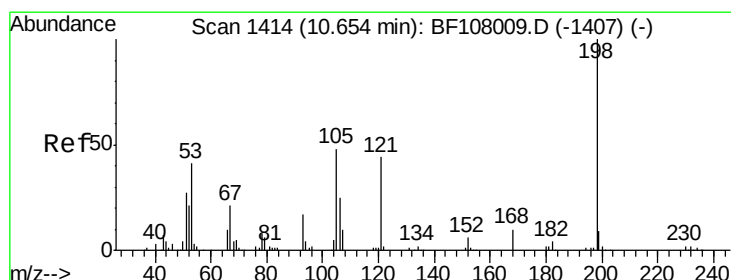
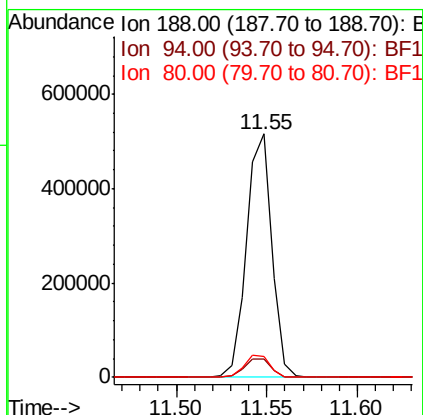
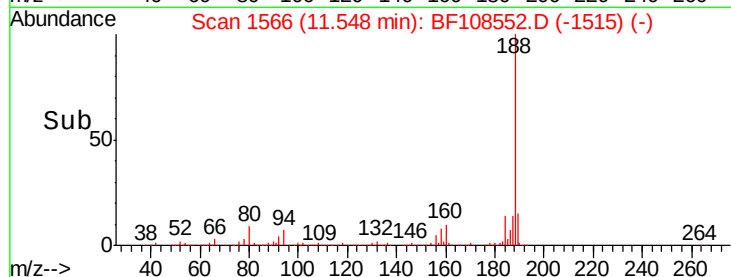
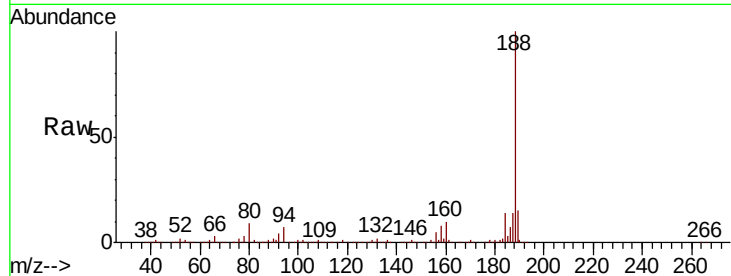
Tot Ion:188 Resp: 499410

Ion Ratio Lower Upper

188 100

94 7.5 8.5 12.7#

80 8.5 9.2 13.8#



#64

4,6-Dinitro-2-methylphenol

Concen: 44.673 ng

RT: 10.65 min Scan# 1414

Delta R.T. 0.01 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

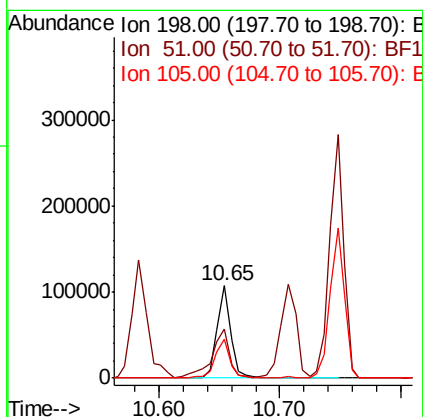
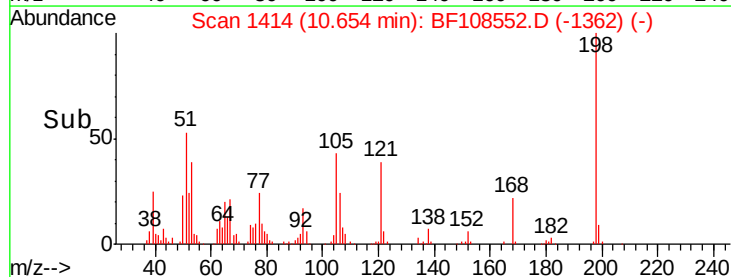
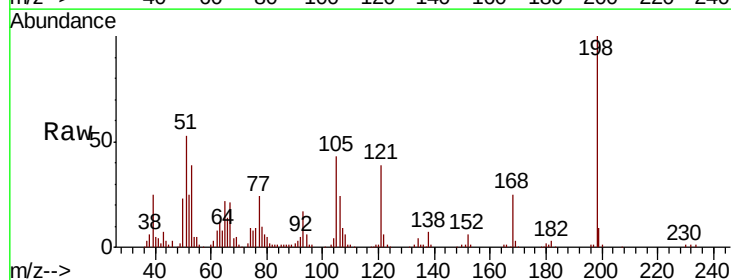
Tgt Ion:198 Resp: 82977

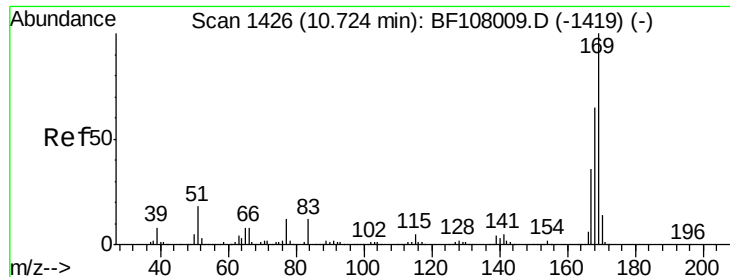
Ion Ratio Lower Upper

198 100

51 52.8 37.7 77.7

105 42.5 36.3 76.3

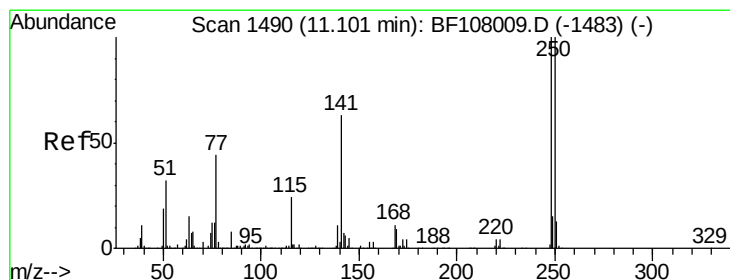
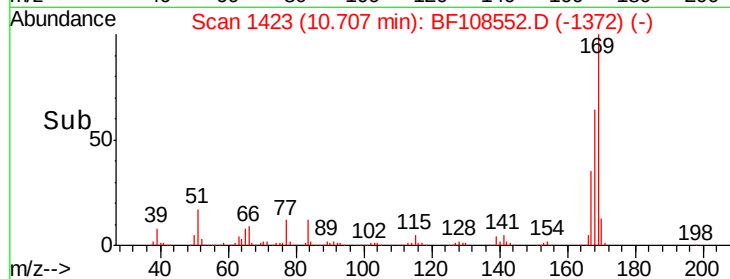
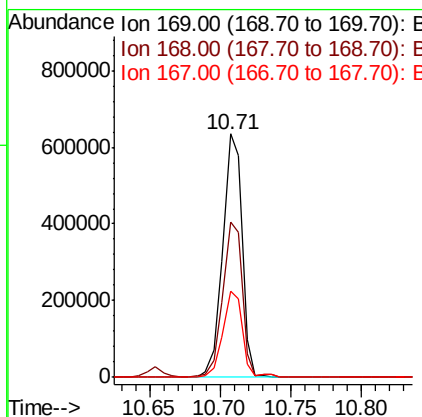
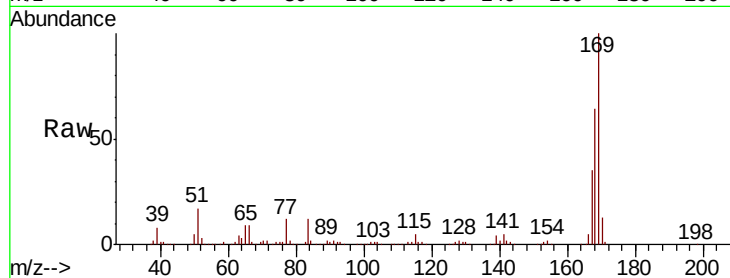




#65
 n-Nitrosodiphenylamine
 Concen: 40.919 ng
 RT: 10.71 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF108552.D
 Acq: 28 Aug 2018 13:47

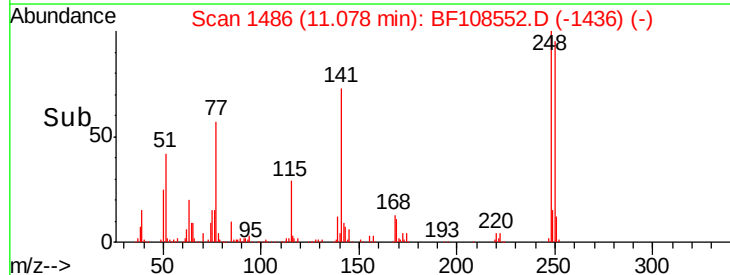
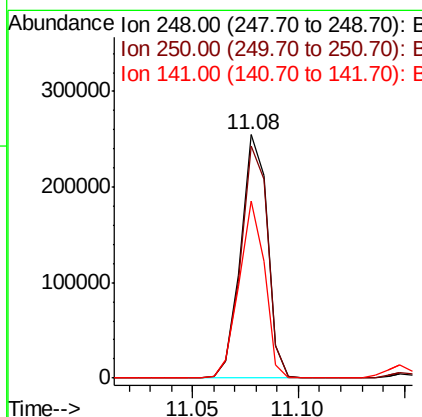
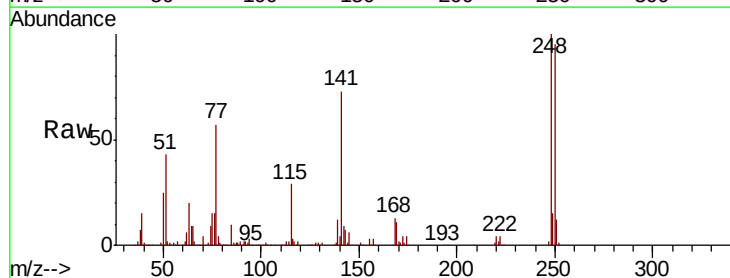
Instrument :
 BNA_F
 ClientSampleId :

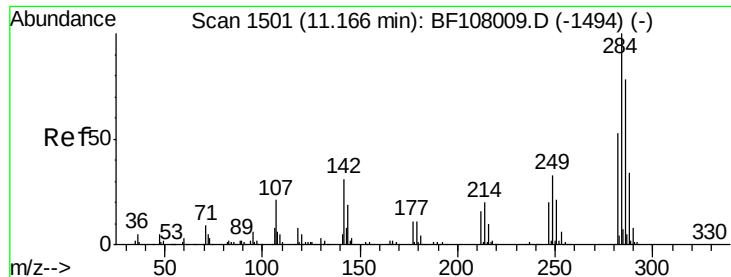
Tot Ion	Ratio	Lower	Upper
169	100		
168	63.9	54.4	81.6
167	35.4	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 41.028 ng
 RT: 11.08 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BF108552.D
 Acq: 28 Aug 2018 13:47

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.3	76.9	115.3
141	72.8	74.4	111.6





#67

Hexachlorobenzene

Concen: 40.852 ng

RT: 11.15 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

Instrument :

BNA_F

ClientSampleId :

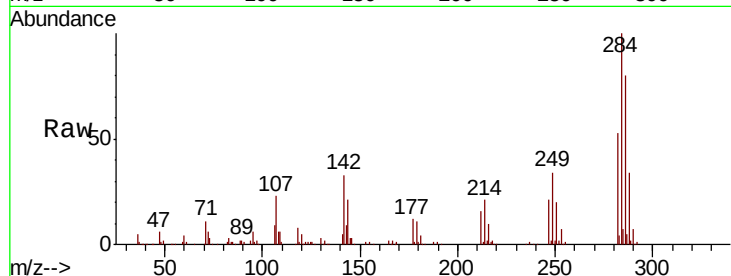
Tot Ion:284 Resp: 233277

Ion Ratio Lower Upper

284 100

142 33.5 34.6 52.0#

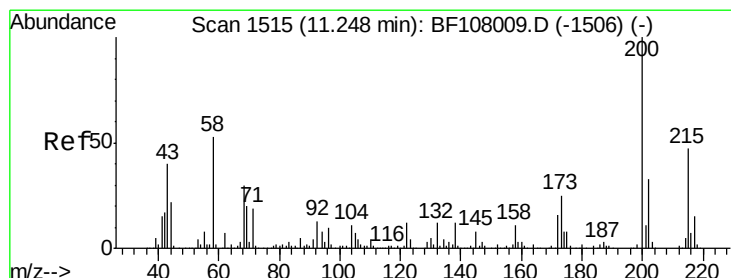
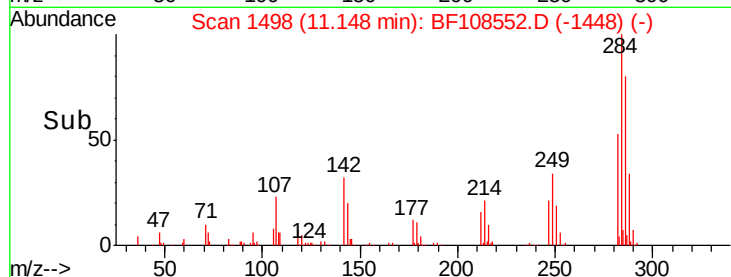
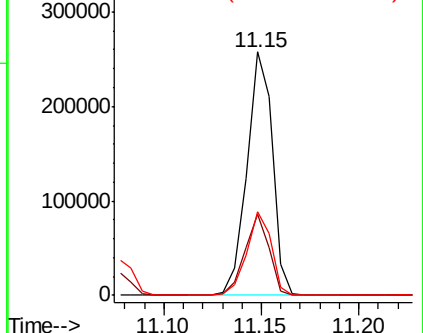
249 34.4 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.388 ng

RT: 11.24 min Scan# 1513

Delta R.T. 0.01 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

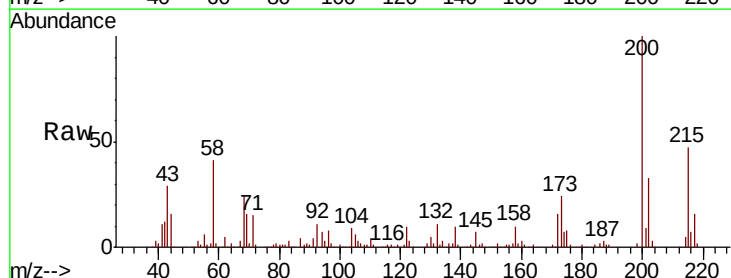
Tgt Ion:200 Resp: 209817

Ion Ratio Lower Upper

200 100

173 24.1 8.6 48.6

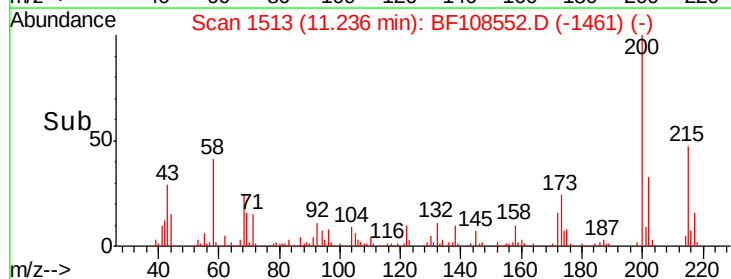
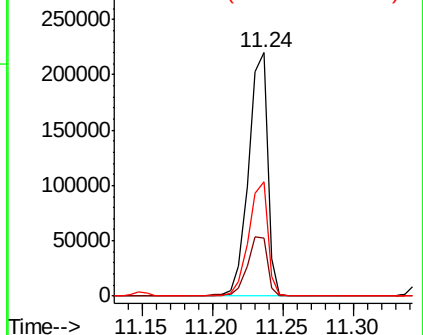
215 46.9 25.1 65.1

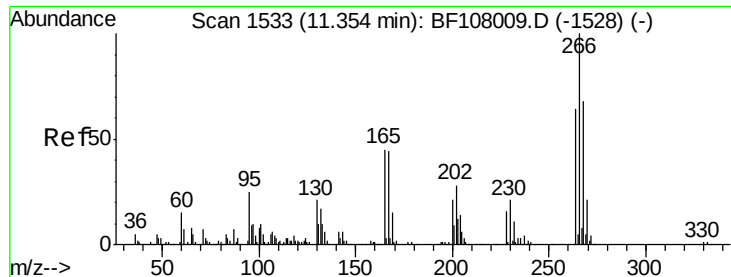


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

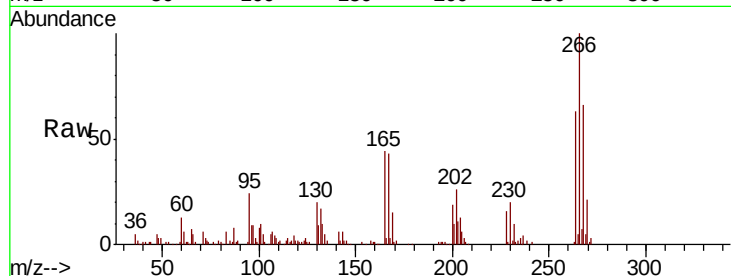




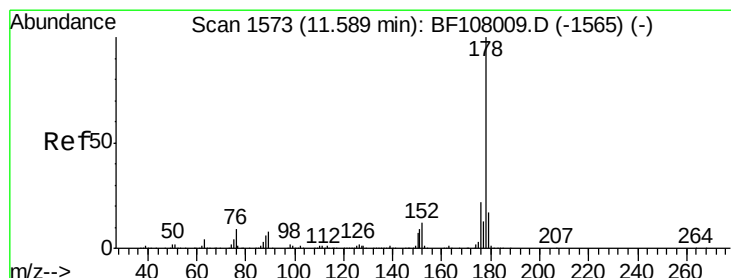
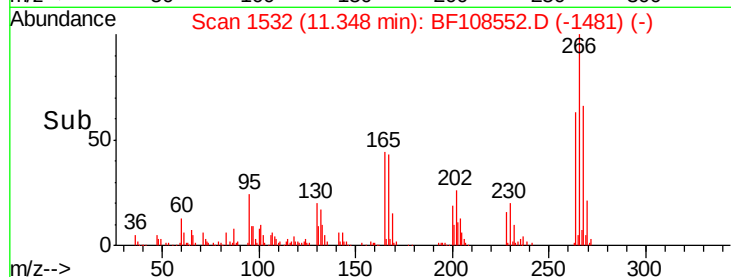
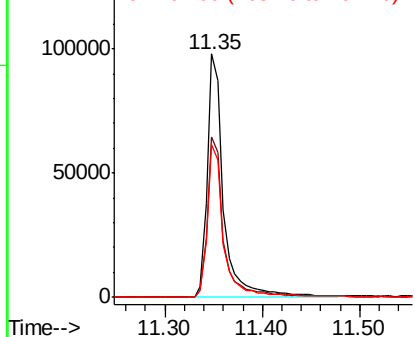
#69
 Pentachlorophenol
 Concen: 42.051 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. -0.00 min
 Lab File: BF108552.D
 Acq: 28 Aug 2018 13:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.9	51.1	76.7
264	62.9	49.5	74.3

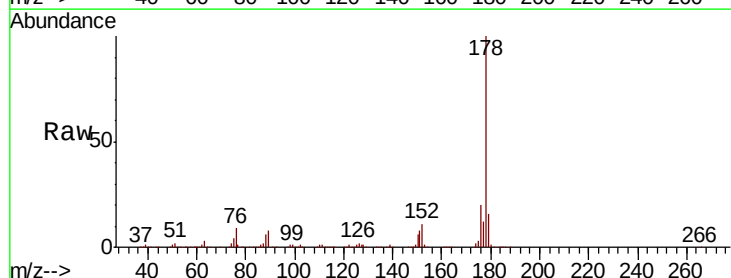


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

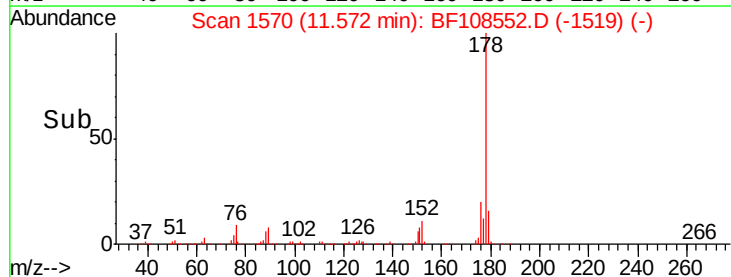
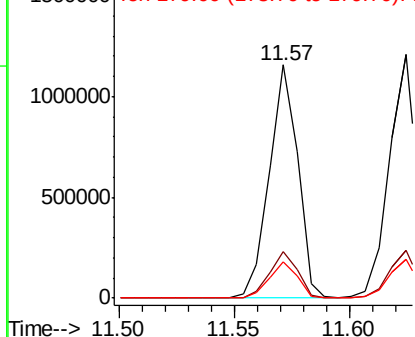


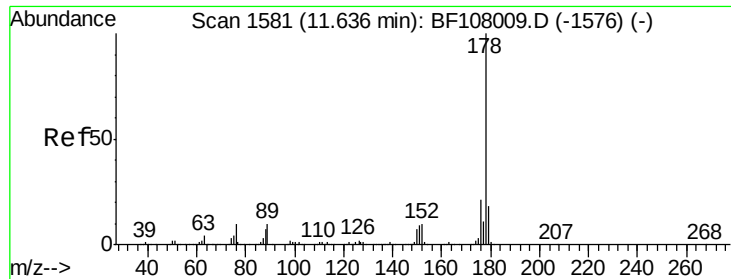
#70
 Phenanthrene
 Concen: 42.082 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF108552.D
 Acq: 28 Aug 2018 13:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.8	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

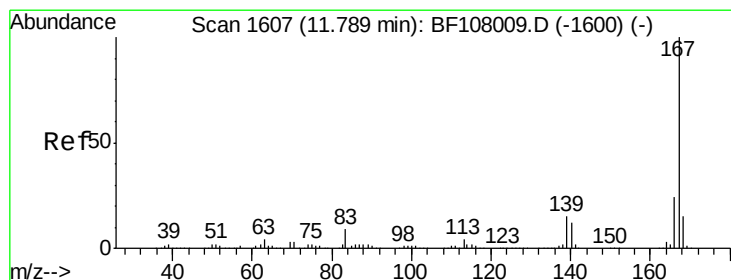
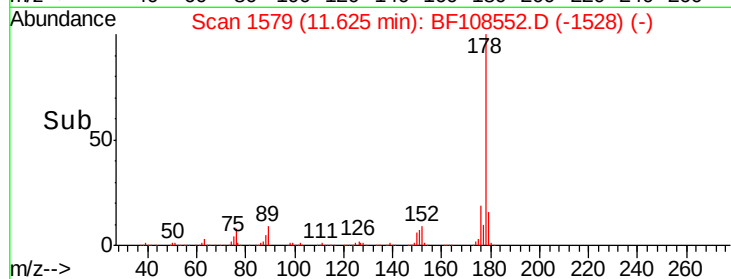
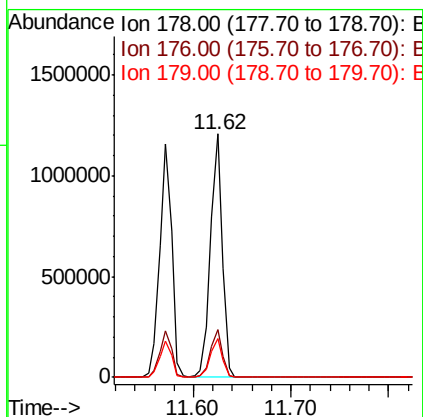
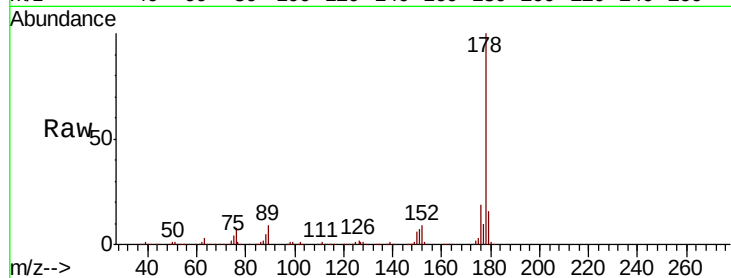




#71
 Anthracene
 Concen: 42.356 ng
 RT: 11.62 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF108552.D
 Acq: 28 Aug 2018 13:47

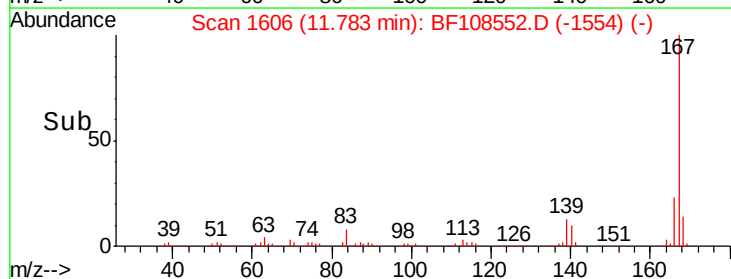
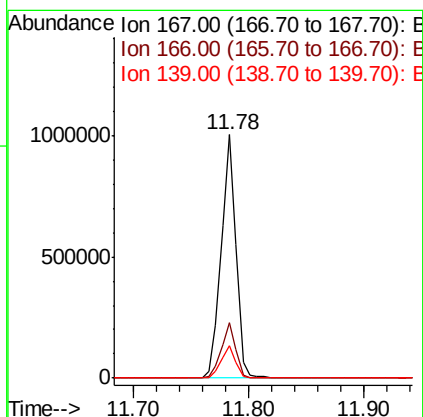
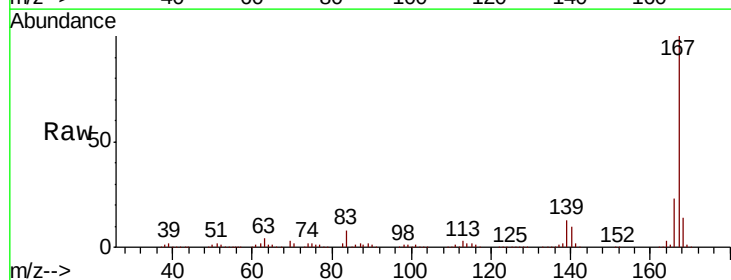
Instrument :
 BNA_F
 ClientSampleId :

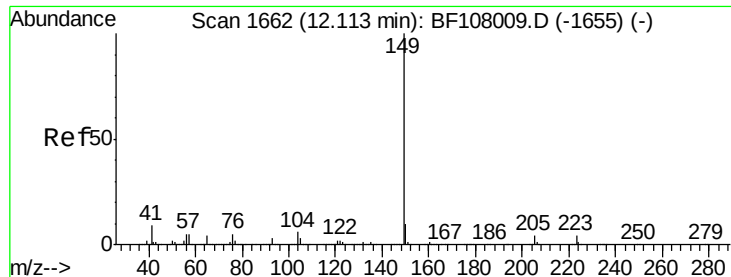
Tot Ion:178 Resp: 1022592
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 41.773 ng
 RT: 11.78 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: BF108552.D
 Acq: 28 Aug 2018 13:47

Tgt Ion:167 Resp: 896023
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 43.299 ng

RT: 12.09 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

Instrument :

BNA_F

ClientSampleId :

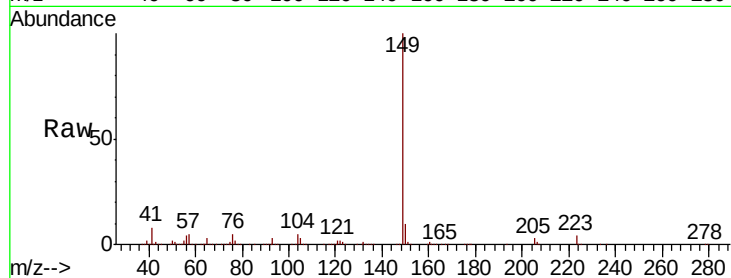
Tot Ion:149 Resp: 1052004

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

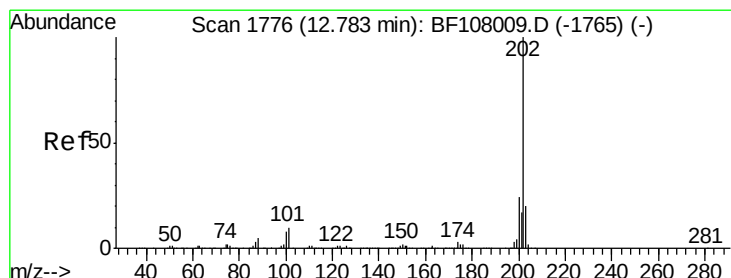
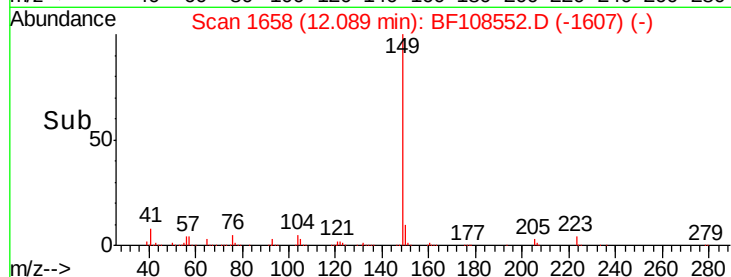
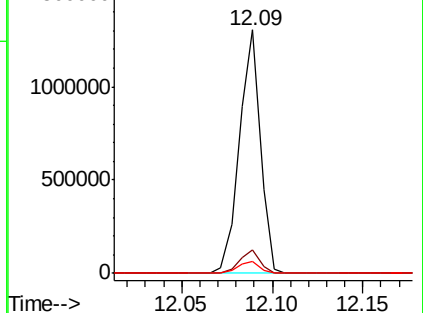
104 5.1 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.210 ng

RT: 12.77 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

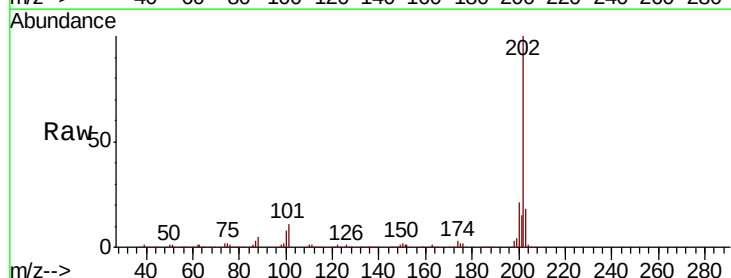
Tgt Ion:202 Resp: 1085124

Ion Ratio Lower Upper

202 100

101 10.5 0.0 34.1

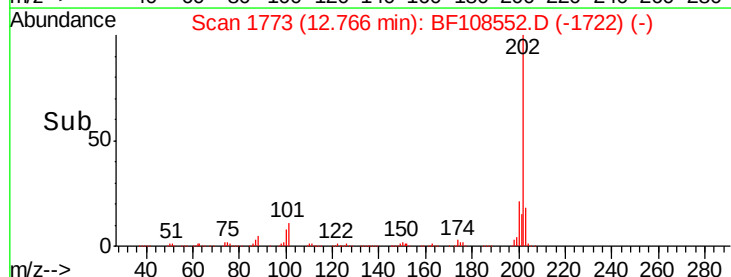
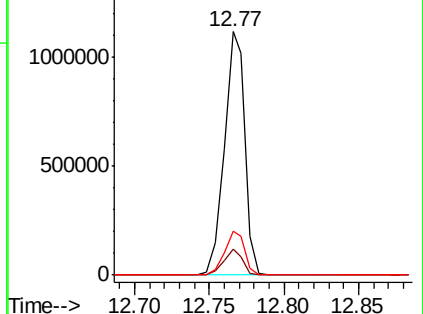
203 18.2 0.0 38.1

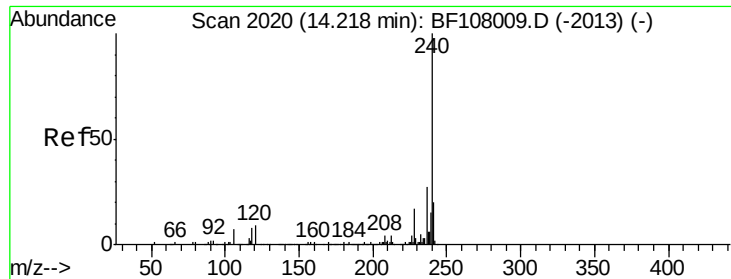


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

Instrument :

BNA_F

ClientSampleId :

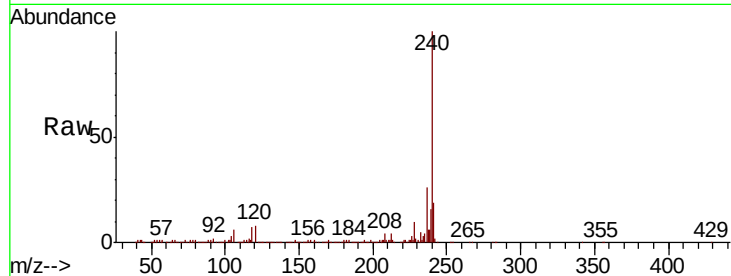
Tot Ion:240 Resp: 382176

Ion Ratio Lower Upper

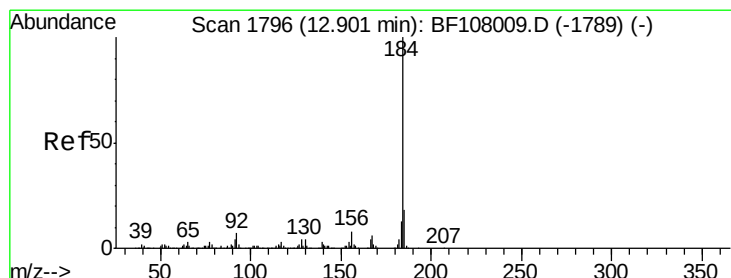
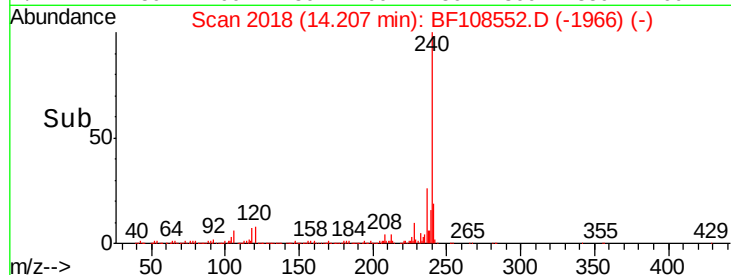
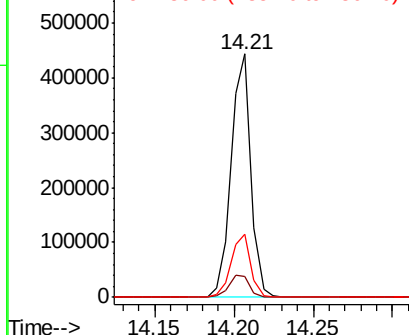
240 100

120 8.4 9.5 14.3#

236 26.1 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: 43.433 ng

RT: 12.89 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

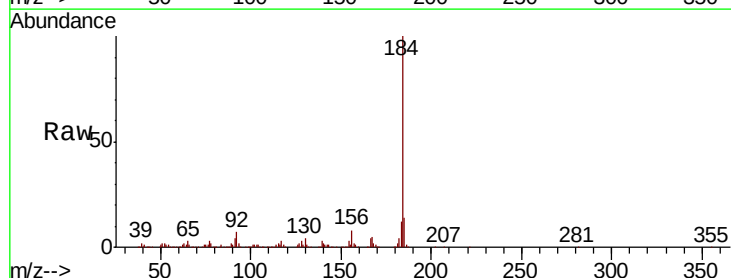
Tgt Ion:184 Resp: 620183

Ion Ratio Lower Upper

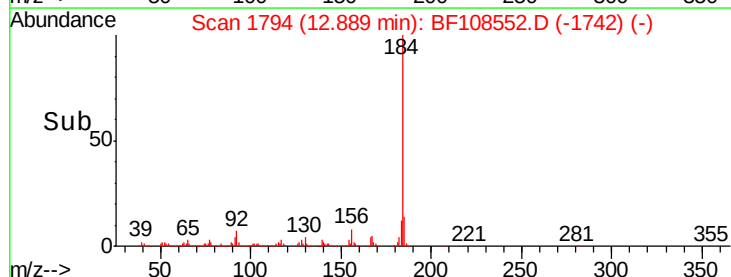
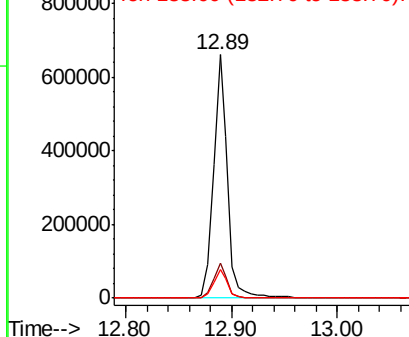
184 100

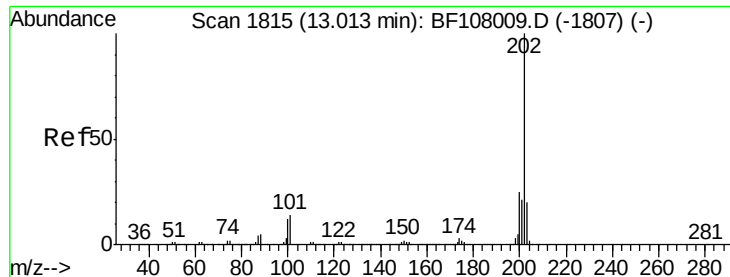
185 14.4 12.6 18.8

183 11.9 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: 44.394 ng

RT: 13.00 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

Instrument :

BNA_F

ClientSampleId :

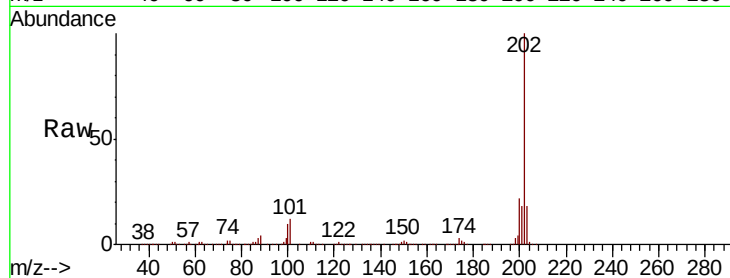
Tot Ion:202 Resp: 1074156

Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

203 18.3 14.3 21.5

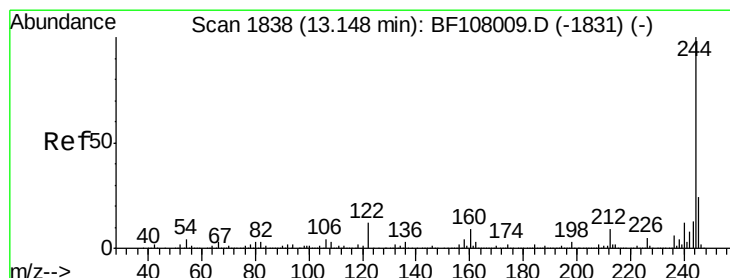
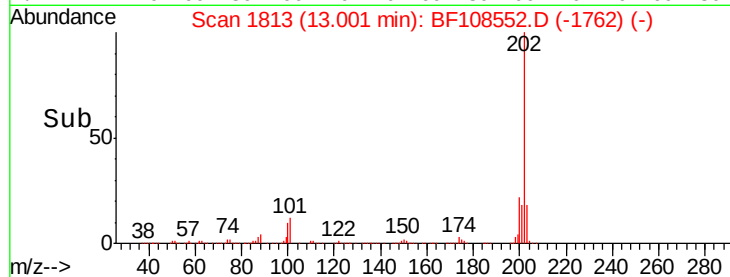
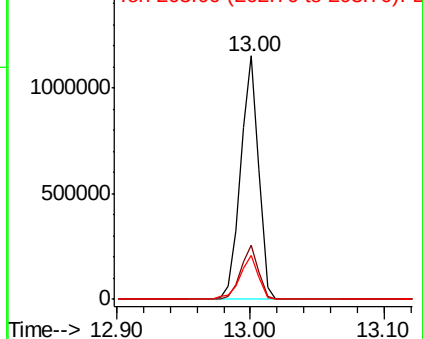


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 90.573 ng

RT: 13.13 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

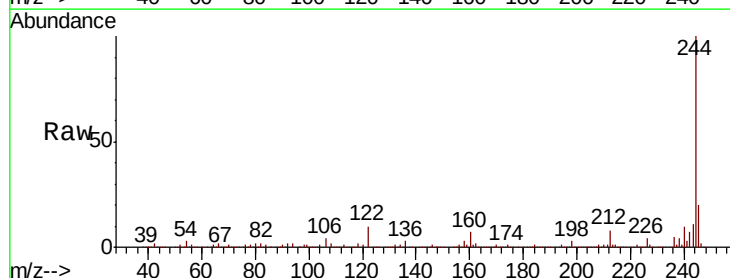
Tgt Ion:244 Resp: 1361406

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

122 10.3 11.0 16.4#

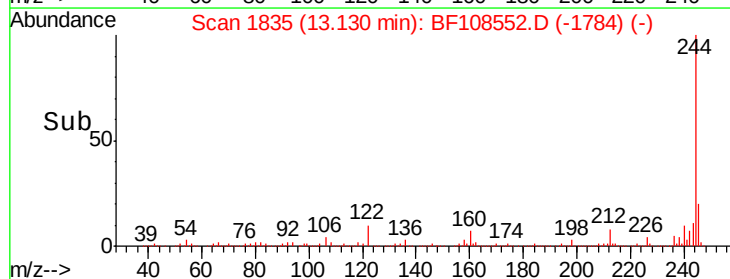
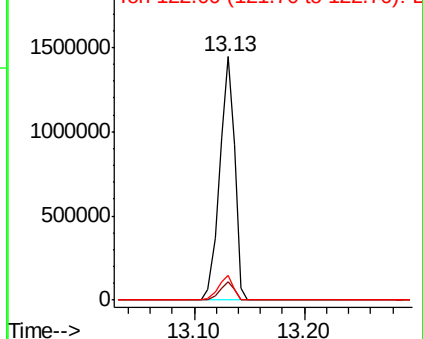


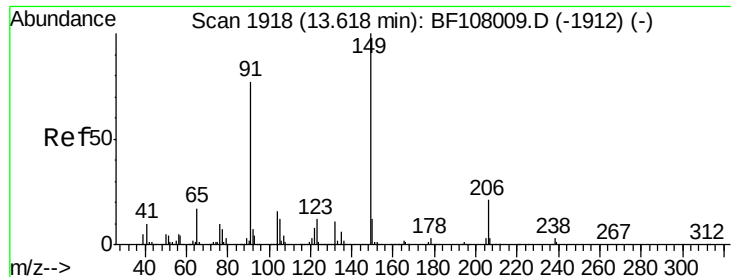
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 45.516 ng

RT: 13.60 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

Instrument :

BNA_F

ClientSampleId :

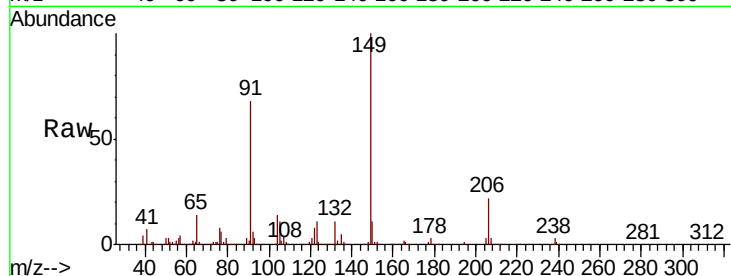
Tot Ion:149 Resp: 437309

Ion Ratio Lower Upper

149 100

91 68.1 56.8 85.2

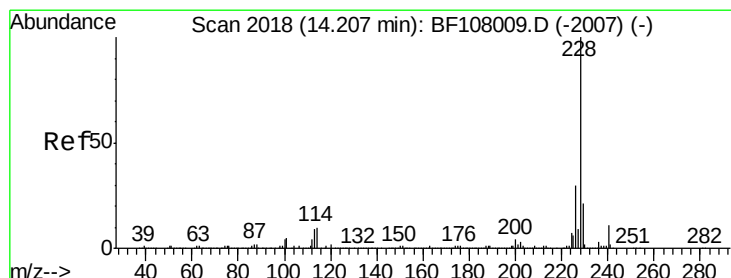
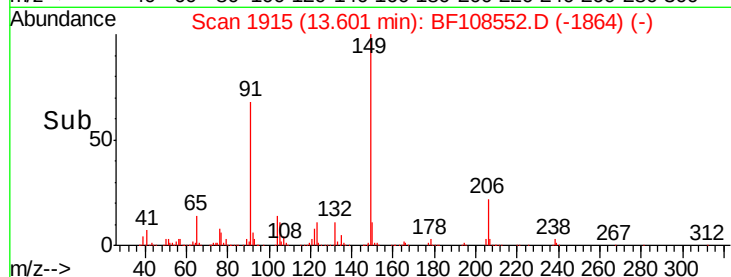
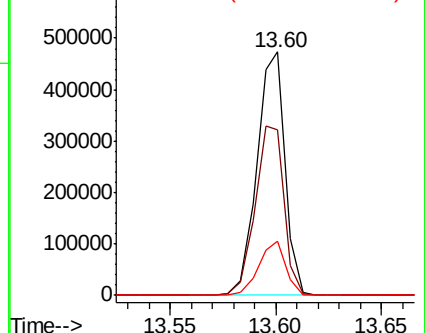
206 22.3 14.1 21.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.175 ng

RT: 14.19 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

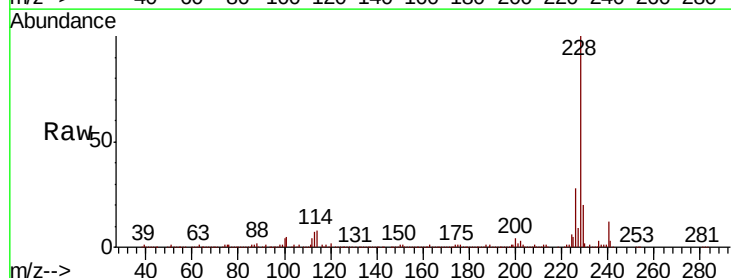
Tgt Ion:228 Resp: 903093

Ion Ratio Lower Upper

228 100

226 28.0 22.6 33.8

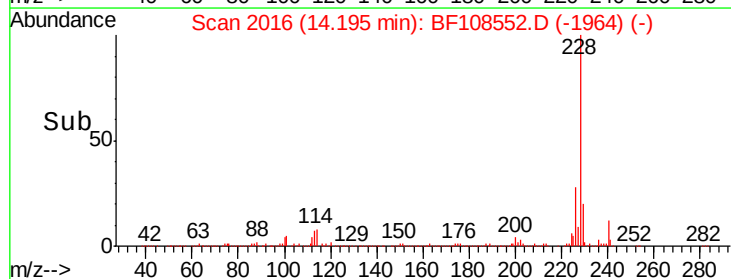
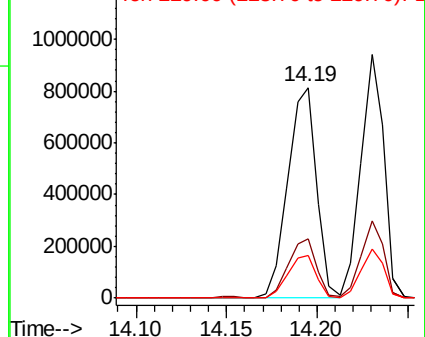
229 20.1 15.8 23.6

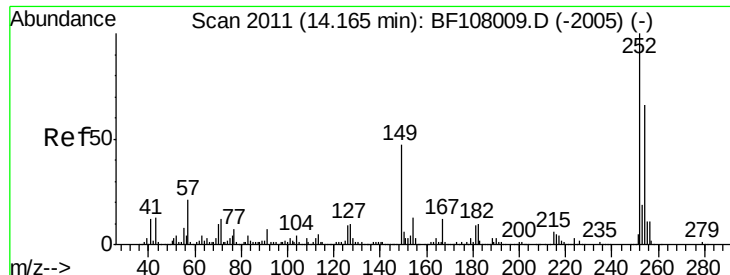


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

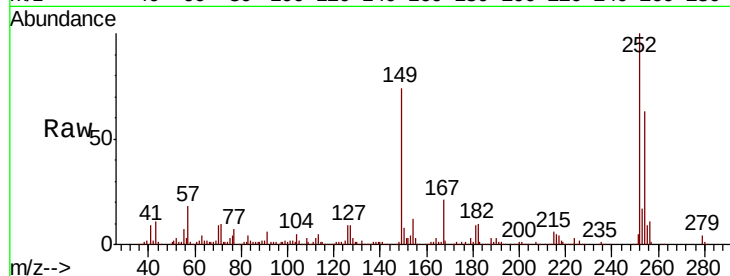




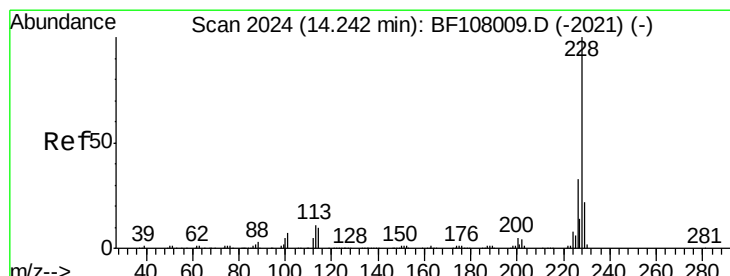
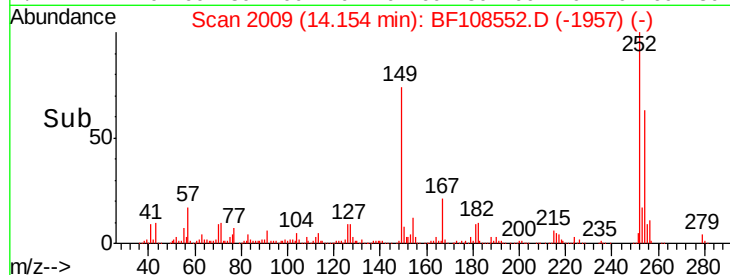
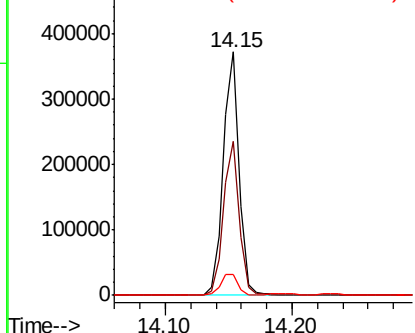
#81
 3,3'-Dichlorobenzidine
 Concen: 41.393 ng
 RT: 14.15 min Scan# 2009
 Delta R.T. 0.01 min
 Lab File: BF108552.D
 Acq: 28 Aug 2018 13:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 325354
 Ion Ratio Lower Upper
 252 100
 254 63.4 50.4 75.6
 126 8.8 11.3 16.9#

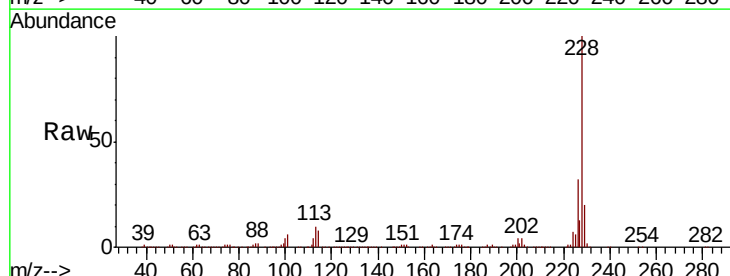


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

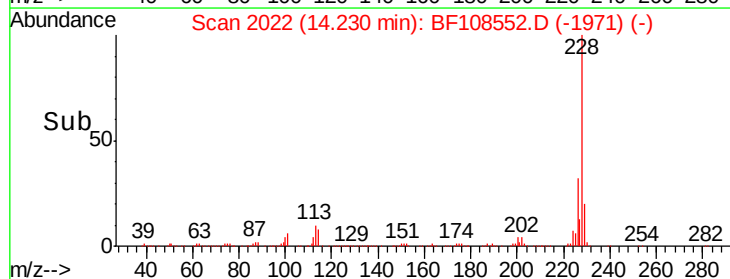
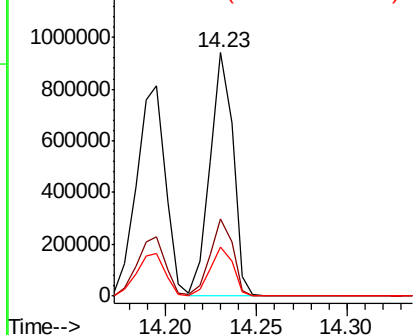


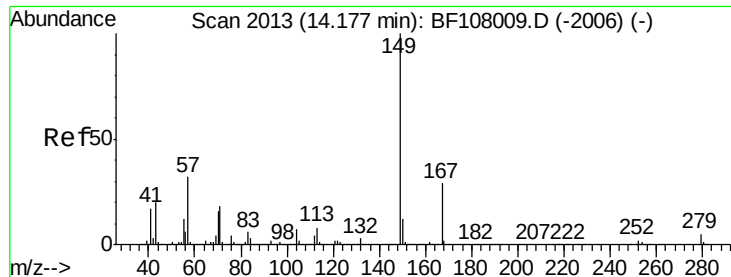
#82
 Chrysene
 Concen: 41.351 ng
 RT: 14.23 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF108552.D
 Acq: 28 Aug 2018 13:47

Tgt Ion:228 Resp: 831489
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.0 37.6
 229 20.2 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.364 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

Instrument :

BNA_F

ClientSampleId :

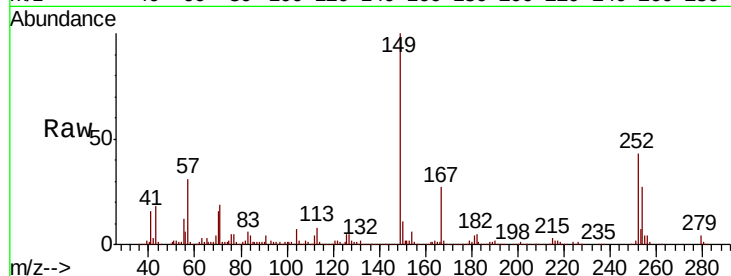
Tot Ion:149 Resp: 551184

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

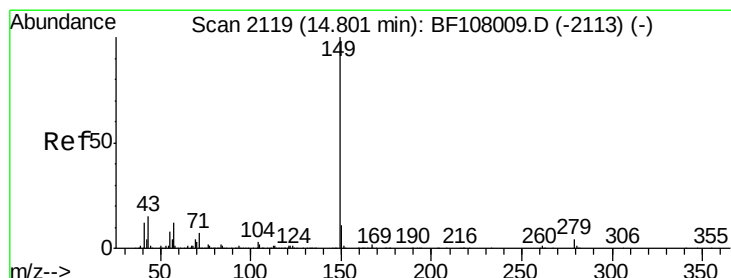
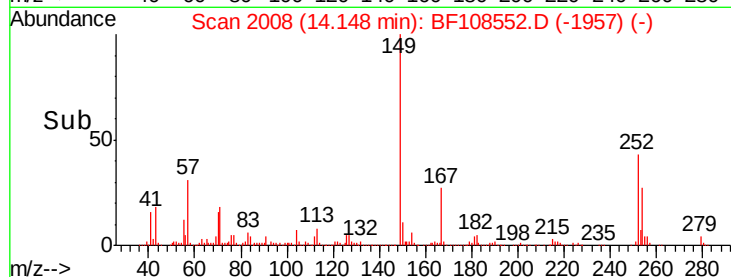
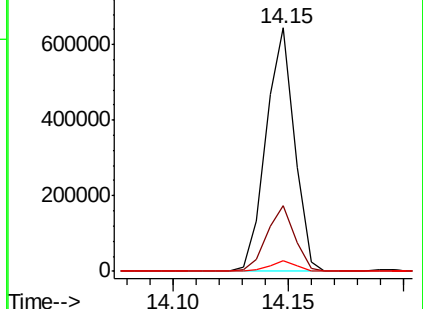
279 4.2 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.836 ng

RT: 14.77 min Scan# 2114

Delta R.T. -0.01 min

Lab File: BF108552.D

Acq: 28 Aug 2018 13:47

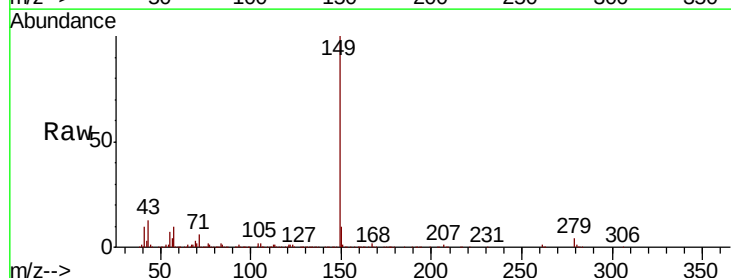
Tgt Ion:149 Resp: 830138

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

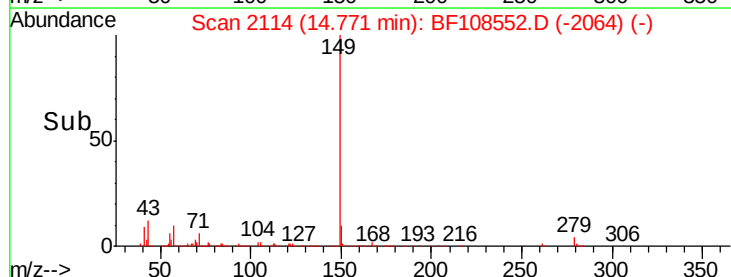
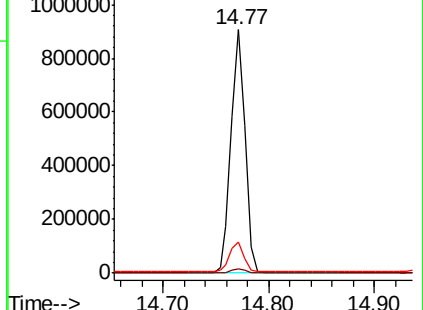
43 12.1 8.4 12.6

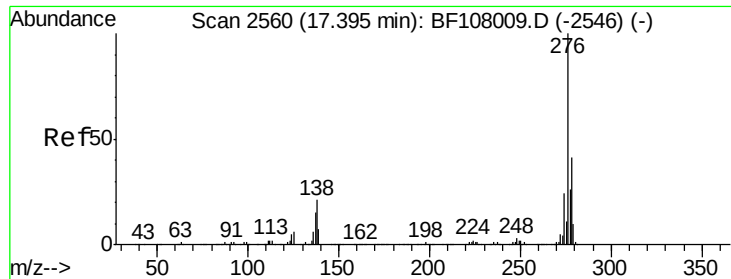


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

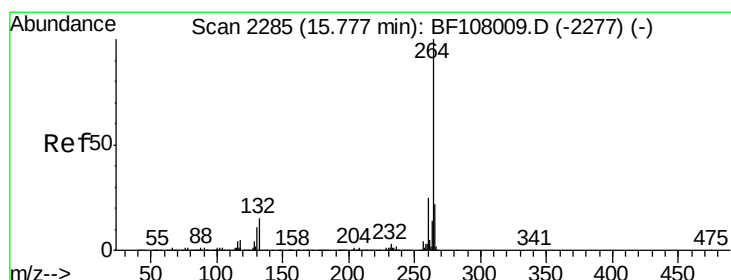
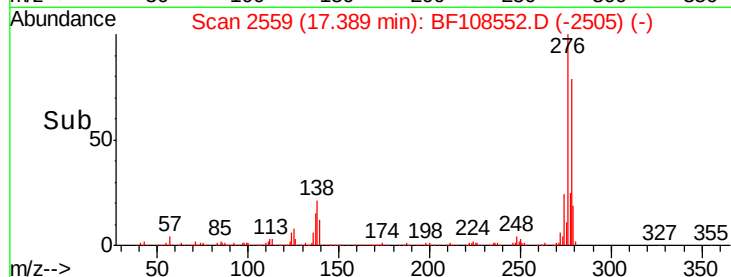
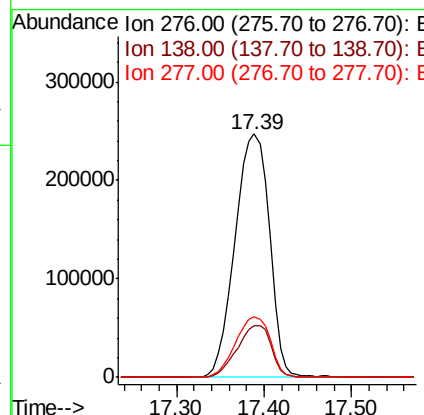
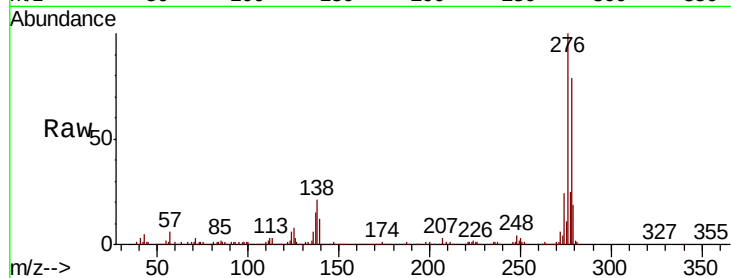




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.939 ng
 RT: 17.39 min Scan# 2559
 Delta R.T. 0.02 min
 Lab File: BF108552.D
 Acq: 28 Aug 2018 13:47

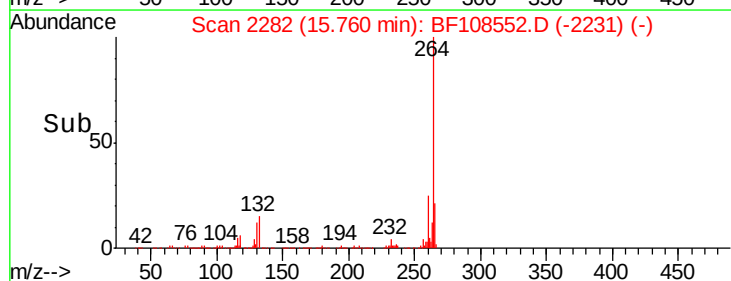
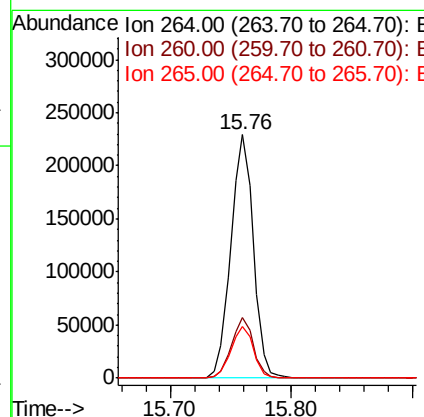
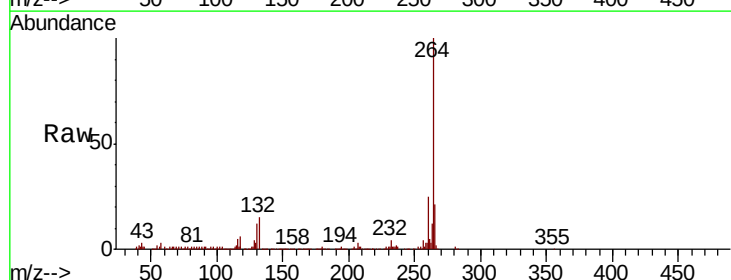
Instrument :
 BNA_F
 ClientSampleId :

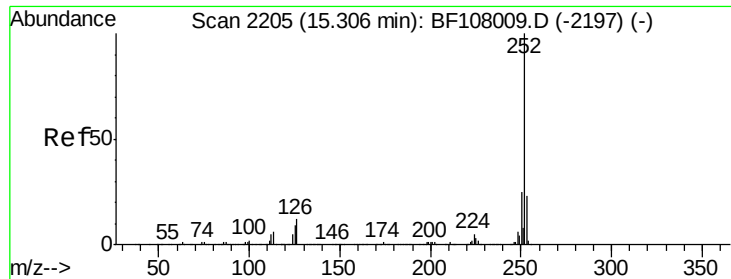
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.0	25.0	37.6#
277	25.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.76 min Scan# 2282
 Delta R.T. -0.00 min
 Lab File: BF108552.D
 Acq: 28 Aug 2018 13:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.4	17.5	26.3

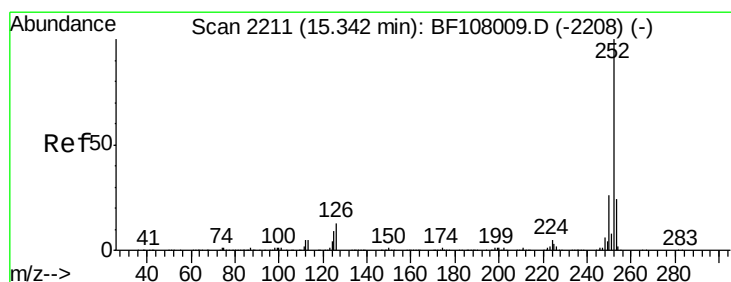
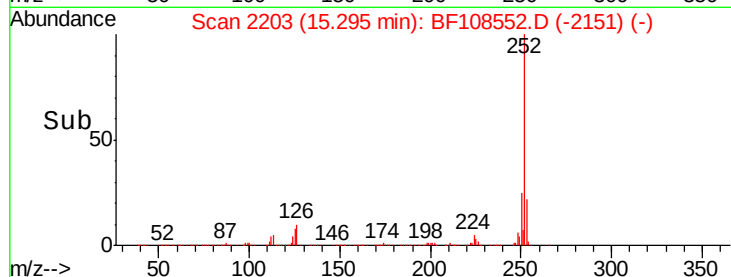
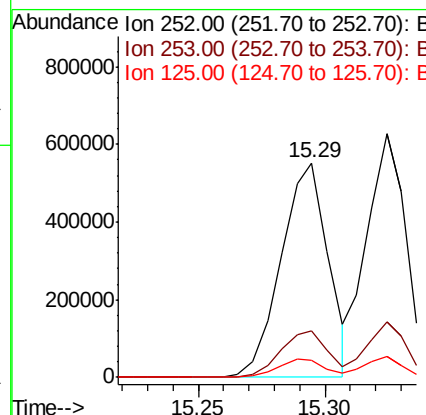
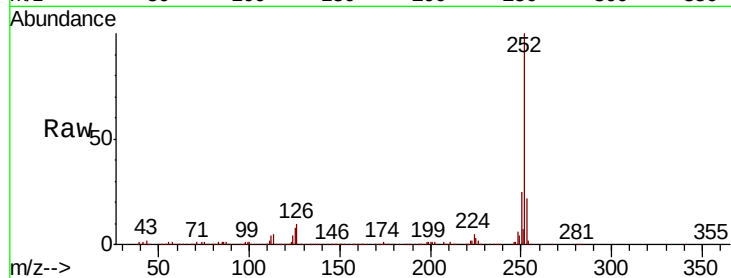




#87
Benzo(b)fluoranthene
Concen: 40.262 ng
RT: 15.29 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF108552.D
Acq: 28 Aug 2018 13:47

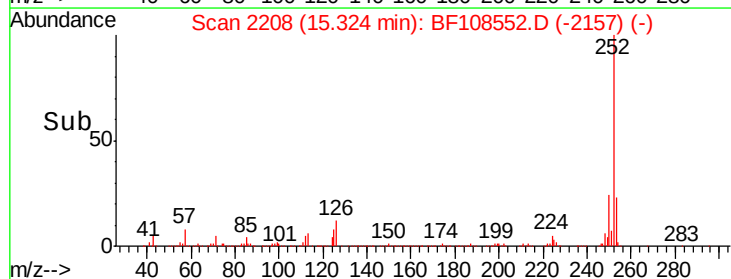
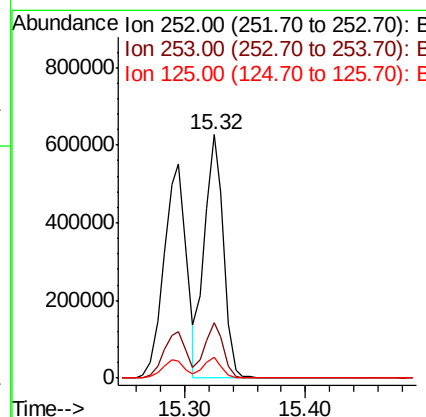
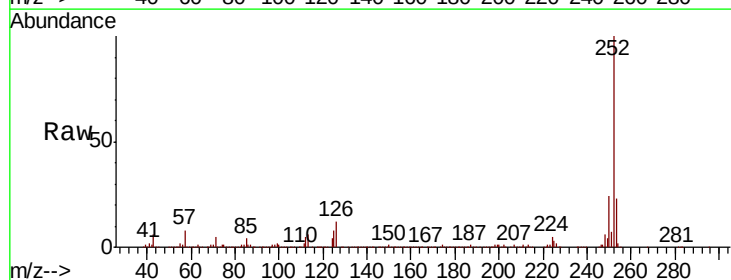
Instrument :
BNA_F
ClientSampleId :

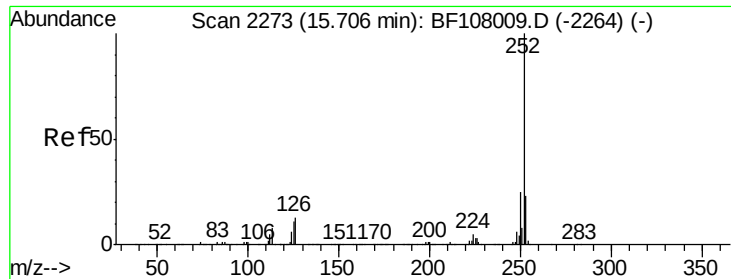
Tot Ion:252 Resp: 714517
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 8.0 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 41.727 ng
RT: 15.32 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF108552.D
Acq: 28 Aug 2018 13:47

Tgt Ion:252 Resp: 680722
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 8.5 10.2 15.2#

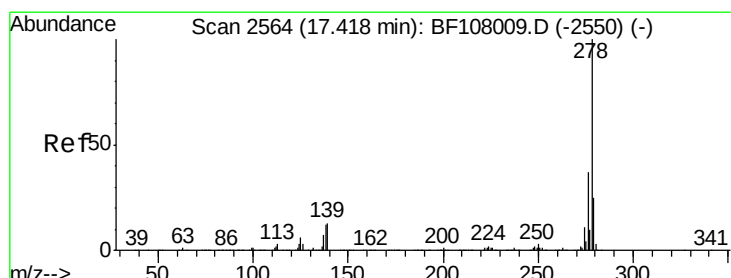
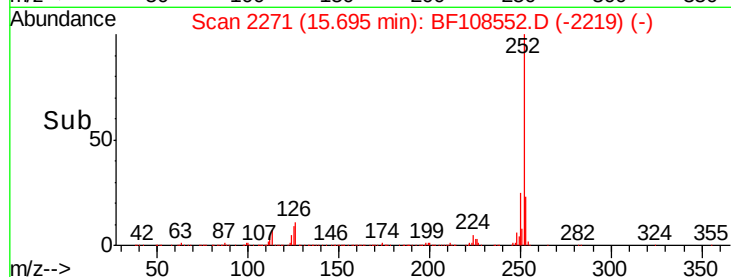
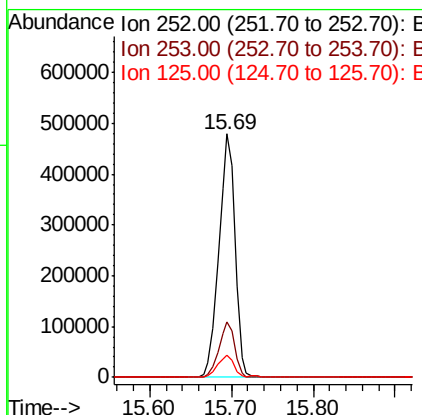
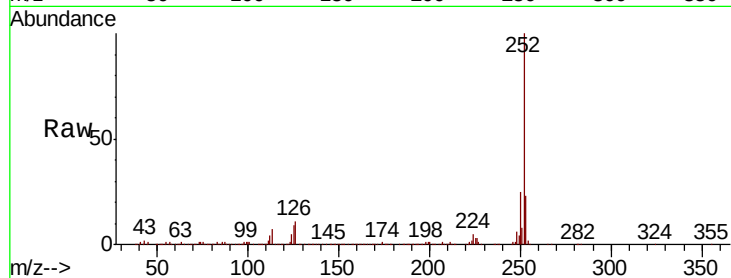




#89
Benzo(a)pyrene
Concen: 41.511 ng
RT: 15.69 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF108552.D
Acq: 28 Aug 2018 13:47

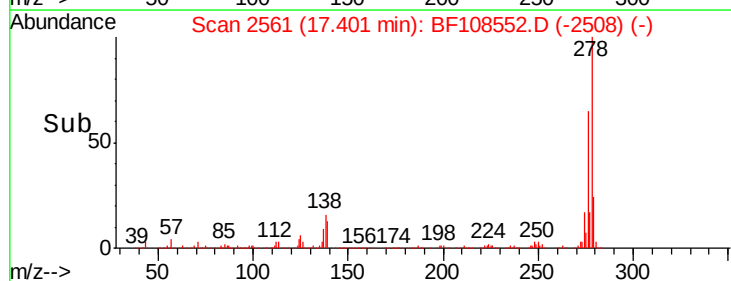
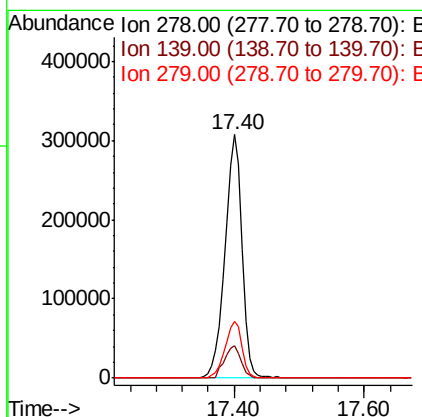
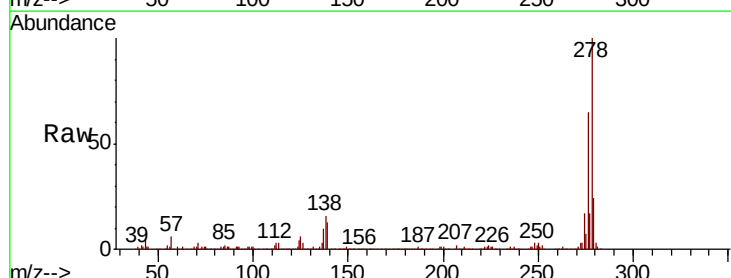
Instrument :
BNA_F
ClientSampleId :

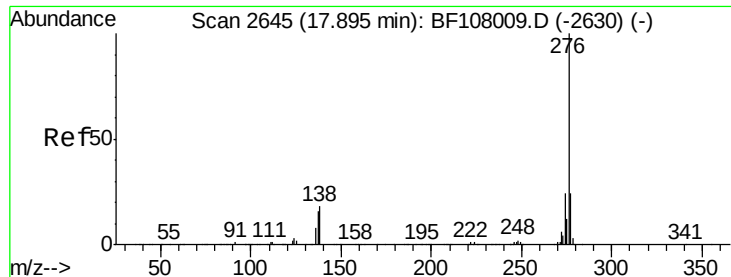
Tot Ion:252 Resp: 659673
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 9.3 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 42.406 ng
RT: 17.40 min Scan# 2561
Delta R.T. 0.01 min
Lab File: BF108552.D
Acq: 28 Aug 2018 13:47

Tgt Ion:278 Resp: 557585
Ion Ratio Lower Upper
278 100
139 13.3 15.9 23.9#
279 23.5 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 42.883 ng
 RT: 17.89 min Scan# 2644
 Delta R.T. 0.02 min
 Lab File: BF108552.D
 Acq: 28 Aug 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	17.1	21.8	32.8

