

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
 Data File : BF108031.D
 Acq On : 8 Aug 2018 20:36
 Operator : JU/SJ
 Sample : J3762-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 06:41:29 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 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	264896	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1069296	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	576398	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	1168877	20.00	ng	0.00
75) Chrysene-d12	14.21	240	983371	20.00	ng	0.00
86) Perylene-d12	15.77	264	853662	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	2046133	139.84	ng	0.02
7) Phenol-d6	6.64	99	2722019	140.00	ng	0.00
23) Nitrobenzene-d5	7.58	82	1480107	77.24	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	882410	153.48	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	2830307	78.83	ng	0.00
78) Terphenyl-d14	13.15	244	3191641	82.52	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.98	88	146732	19.517	ng	# 87
3) Pyridine	3.74	79	419523	21.662	ng	# 84
4) n-Nitrosodimethylamine	3.68	42	226477	20.782	ng	# 79
6) Aniline	6.68	93	427086	16.149	ng	95
8) 2-Chlorophenol	6.80	128	356926	21.659	ng	96
9) Benzaldehyde	6.57	77	294523	19.538	ng	95
10) Phenol	6.64	94	426485	21.206	ng	81
11) bis(2-Chloroethyl)ether	6.75	93	353445	21.738	ng	95
12) 1,3-Dichlorobenzene	6.95	146	418450	21.961	ng	97
13) 1,4-Dichlorobenzene	7.03	146	411759	21.509	ng	98
14) 1,2-Dichlorobenzene	7.18	146	389362	21.866	ng	98
15) Benzyl Alcohol	7.14	79	364357	22.260	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.28	45	723983	21.614	ng	95
17) 2-Methylphenol	7.25	107	314804	22.276	ng	95
18) Hexachloroethane	7.53	117	148043	21.721	ng	90
19) n-Nitroso-di-n-propylamine	7.41	70	288645	21.953	ng	# 84
20) 3+4-Methylphenols	7.40	107	412773	22.793	ng	96
22) Acetophenone	7.42	105	532532	21.299	ng	94
24) Nitrobenzene	7.59	77	418128	21.578	ng	92
25) Isophorone	7.82	82	762214	20.869	ng	97
26) 2-Nitrophenol	7.91	139	149730	20.461	ng	89
27) 2,4-Dimethylphenol	7.93	122	360955	22.267	ng	97
28) bis(2-Chloroethoxy)methane	8.04	93	468336	21.965	ng	99
29) 2,4-Dichlorophenol	8.14	162	329032	22.056	ng	98
30) 1,2,4-Trichlorobenzene	8.24	180	351394	21.364	ng	94
31) Naphthalene	8.32	128	1091265	22.440	ng	99
32) Benzoic acid	8.01	122	142545	19.242	ng	94
33) 4-Chloroaniline	8.36	127	302388	14.269	ng	98
34) Hexachlorobutadiene	8.43	225	225409	21.648	ng	97
35) Caprolactam	8.71	113	101946	21.807	ng	# 69
36) 4-Chloro-3-methylphenol	8.83	107	360222	22.383	ng	97
37) 2-Methylnaphthalene	9.01	142	762650	22.166	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	379372	21.433	ng	98
40) Hexachlorocyclopentadiene	9.16	237	240642	21.048	ng	99

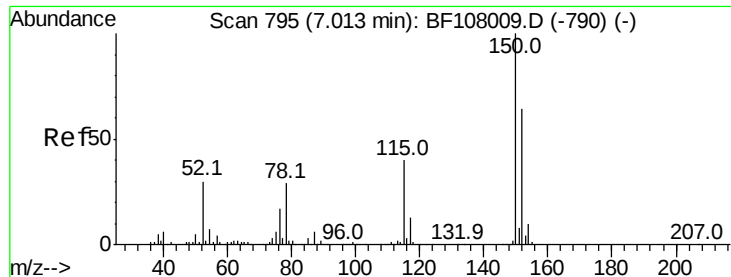
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	238468	21.710	ng	98
43) 2,4,5-Trichlorophenol	9.32	196	270415	22.364	ng	98
45) 1,1'-Biphenyl	9.48	154	941784	22.161	ng	98
46) 2-Chloronaphthalene	9.50	162	733770	21.846	ng	98
47) 2-Nitroaniline	9.60	65	241414	22.213	ng	88
48) Acenaphthylene	9.92	152	1197888	22.559	ng	99
49) Dimethylphthalate	9.77	163	888480	22.129	ng	# 99
50) 2,6-Dinitrotoluene	9.84	165	192635	22.932	ng	95
51) Acenaphthene	10.10	154	721375	22.180	ng	98
52) 3-Nitroaniline	10.01	138	149943	16.314	ng	100
53) 2,4-Dinitrophenol	10.11	184	48424	21.072	ng	# 54
54) Dibenzofuran	10.27	168	1053794	22.364	ng	95
55) 4-Nitrophenol	10.15	139	148289	21.306	ng	88
56) 2,4-Dinitrotoluene	10.24	165	252848	23.384	ng	# 88
57) Fluorene	10.61	166	841572	22.561	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	226350	22.397	ng	# 87
59) Diethylphthalate	10.48	149	883690	22.729	ng	96
60) 4-Chlorophenyl-phenylether	10.60	204	430094	22.128	ng	92
61) 4-Nitroaniline	10.62	138	197656	21.752	ng	89
62) Azobenzene	10.77	77	909751	22.658	ng	92
64) 4,6-Dinitro-2-methylphenol	10.65	198	77640	21.076	ng	90
65) n-Nitrosodiphenylamine	10.72	169	775614	22.455	ng	96
66) 4-Bromophenyl-phenylether	11.09	248	283526	22.320	ng	# 87
67) Hexachlorobenzene	11.16	284	296845	22.210	ng	# 90
68) Atrazine	11.24	200	262120	22.625	ng	94
69) Pentachlorophenol	11.35	266	127781	19.975	ng	98
70) Phenanthrene	11.58	178	1268883	23.015	ng	99
71) Anthracene	11.63	178	1298224	22.975	ng	99
72) Carbazole	11.78	167	1143729	22.782	ng	99
73) Di-n-butylphthalate	12.11	149	1340465	23.573	ng	99
74) Fluoranthene	12.78	202	1382180	22.971	ng	95
76) Benzidine	12.89	184	373131	10.156	ng	97
77) Pyrene	13.01	202	1390167	22.329	ng	97
79) Butylbenzylphthalate	13.62	149	554459	22.428	ng	# 96
80) Benzo(a)anthracene	14.20	228	1251515	22.176	ng	99
81) 3,3'-Dichlorobenzidine	14.16	252	269388	13.320	ng	# 96
82) Chrysene	14.24	228	1163780	22.493	ng	98
83) Bis(2-ethylhexyl)phthalate	14.17	149	774182	23.125	ng	99
84) Di-n-octyl phthalate	14.79	149	1192118	23.349	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.38	276	949581	21.182	ng	# 92
87) Benzo(b)fluoranthene	15.30	252	1082806	21.227	ng	# 96
88) Benzo(k)fluoranthene	15.33	252	1078570	23.002	ng	# 96
89) Benzo(a)pyrene	15.70	252	993098	21.741	ng	97
90) Dibenzo(a,h)anthracene	17.40	278	785458	20.783	ng	# 95
91) Benzo(g,h,i)perylene	17.87	276	773939	20.796	ng	# 90

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

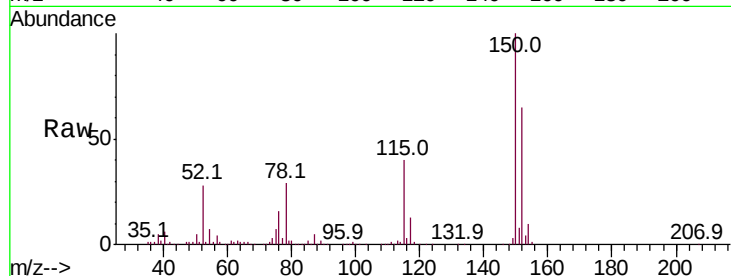


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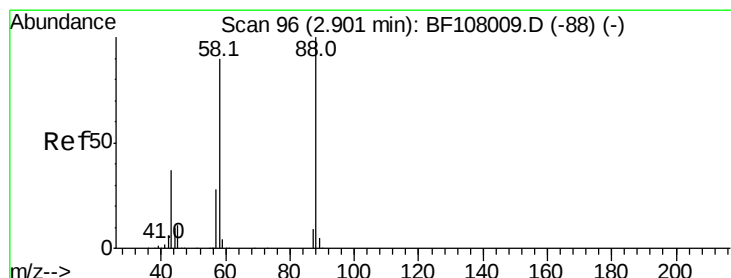
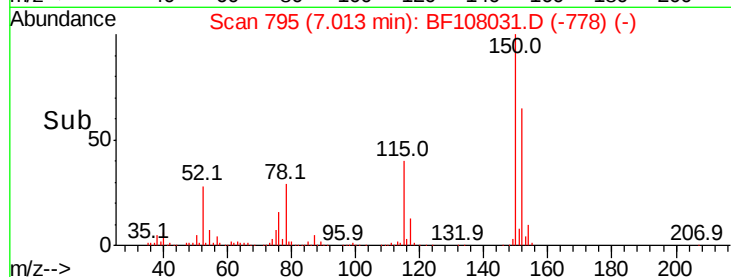
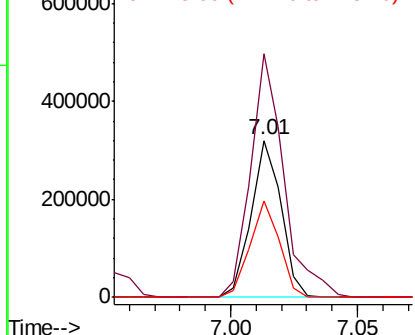
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 264896
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 61.7 50.1 75.1



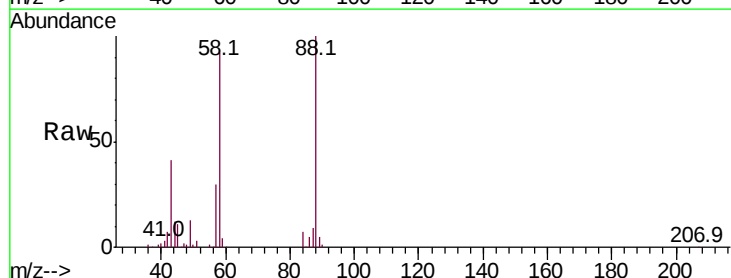
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



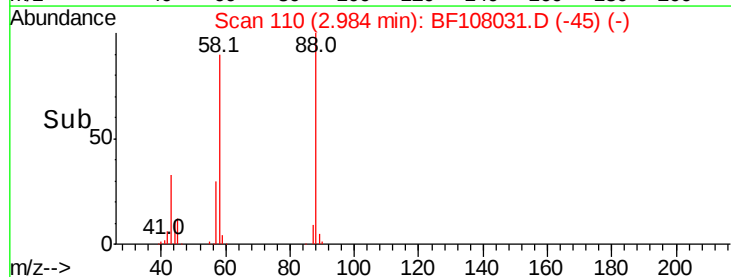
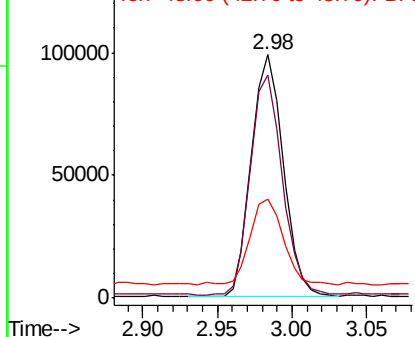
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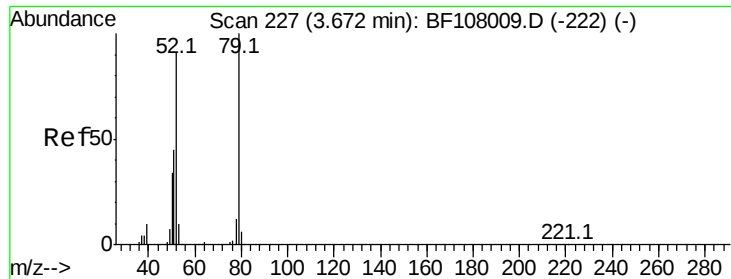
1,4-Dioxane
Concen: 19.517 ng
RT: 2.98 min Scan# 110
Delta R.T. 0.08 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Tgt Ion: 88 Resp: 146732
Ion Ratio Lower Upper
88 100
58 90.4 62.6 93.8
43 37.5 24.6 37.0#



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





#3

Pvridine

Concen: 21.662 ng

RT: 3.74 min Scan# 238

Delta R.T. 0.06 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

ClientSampleId :

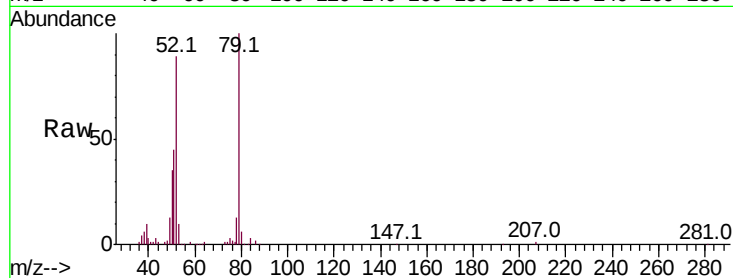
Tot Ion: 79 Resp: 419523

Ion Ratio Lower Upper

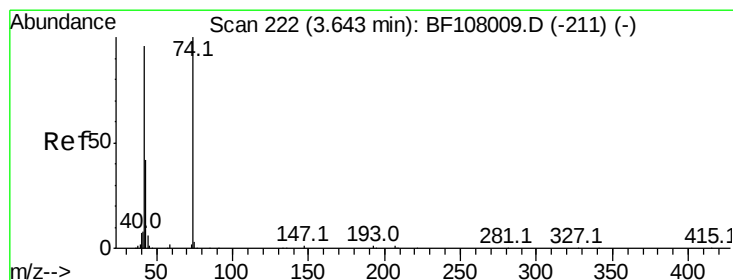
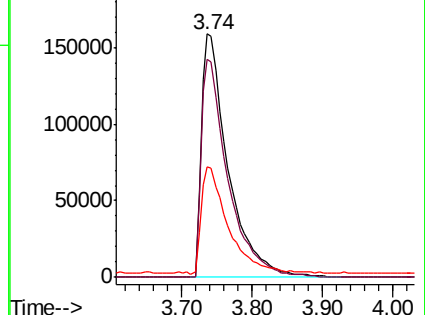
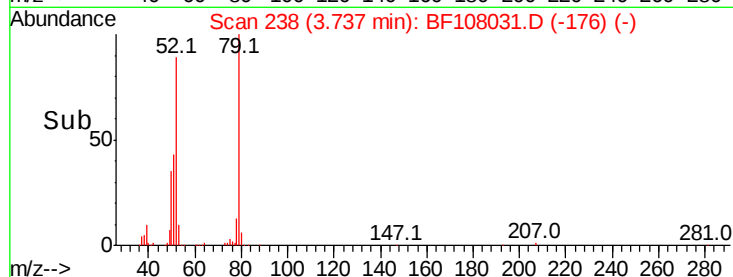
79 100

52 89.3 59.8 89.6

51 45.4 29.8 44.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 20.782 ng

RT: 3.68 min Scan# 228

Delta R.T. 0.04 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

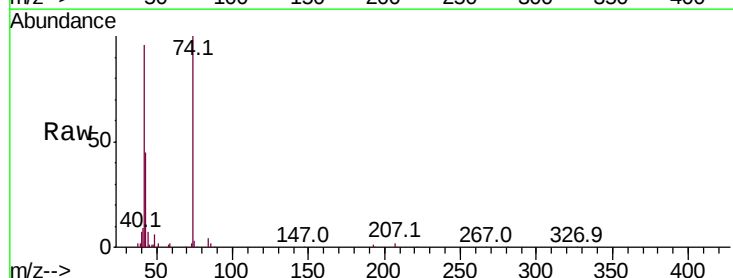
Tgt Ion: 42 Resp: 226477

Ion Ratio Lower Upper

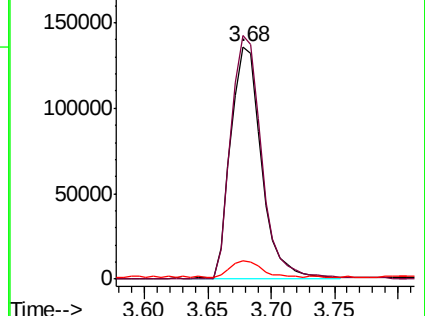
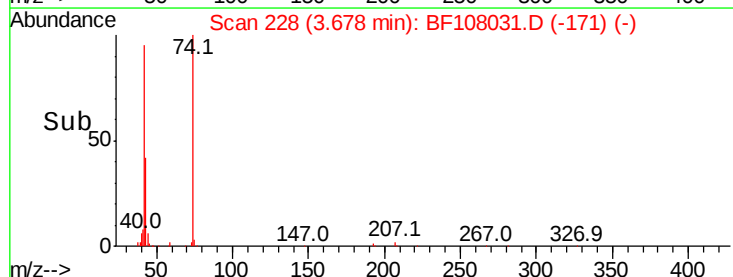
42 100

74 104.7 104.9 157.3#

44 7.7 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 139.845 ng

RT: 5.65 min Scan# 563

Delta R.T. 0.02 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

ClientSampleId :

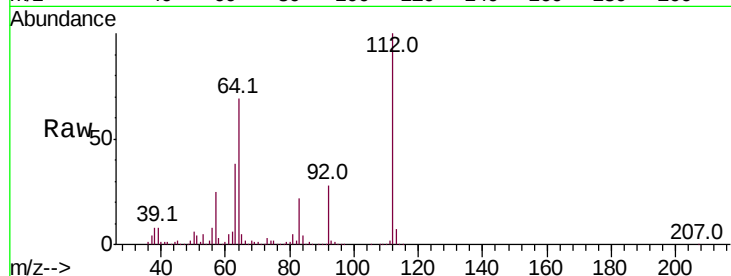
Tot Ion:112 Resp: 2046133

Ion Ratio Lower Upper

112 100

64 68.8 47.9 71.9

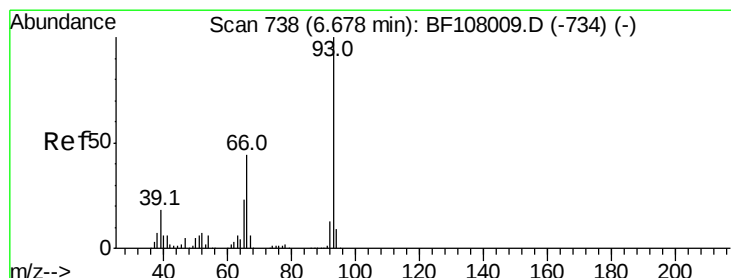
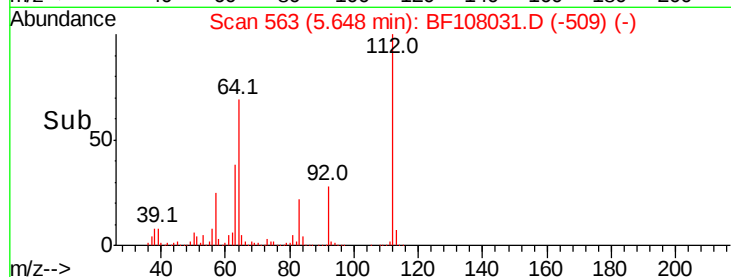
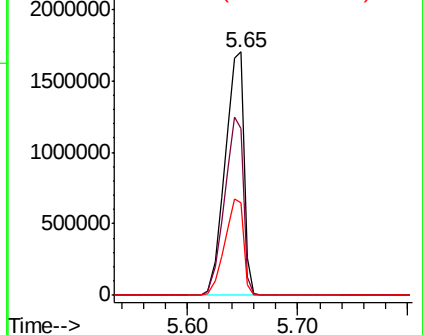
63 37.9 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.149 ng

RT: 6.68 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

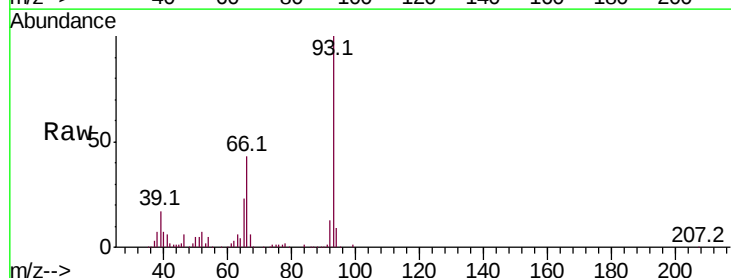
Tgt Ion: 93 Resp: 427086

Ion Ratio Lower Upper

93 100

66 42.9 32.2 48.2

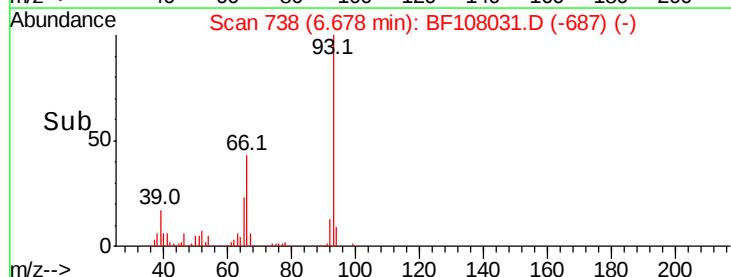
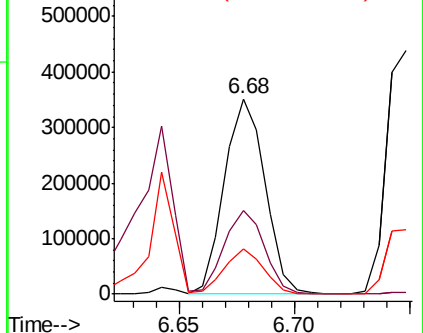
65 23.1 16.4 24.6

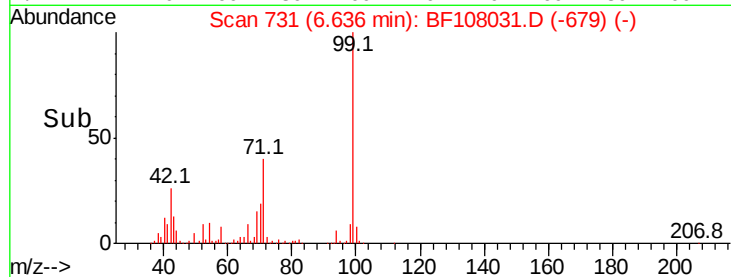
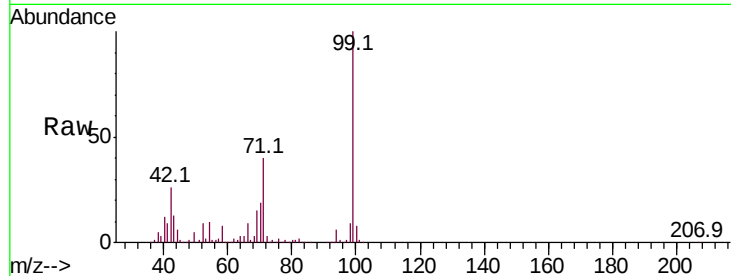
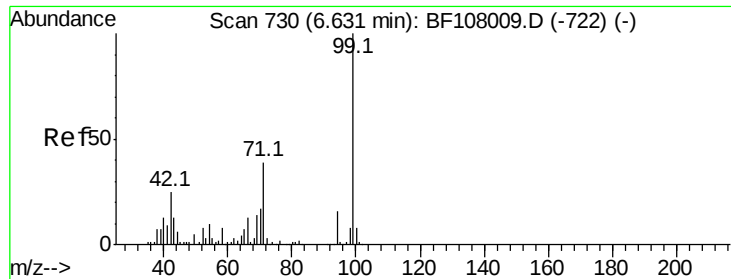


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 139.998 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

ClientSampleId :

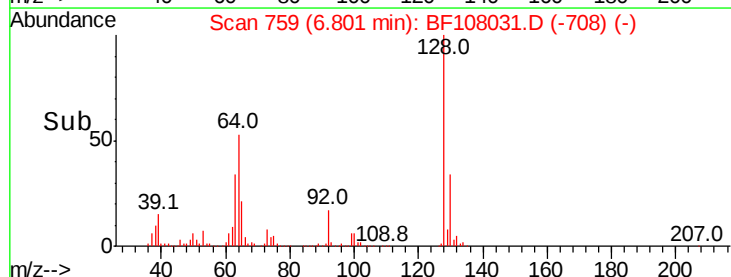
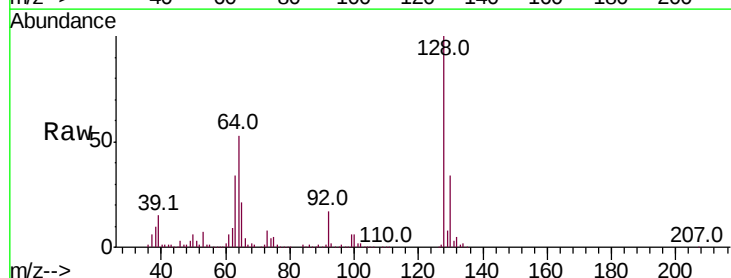
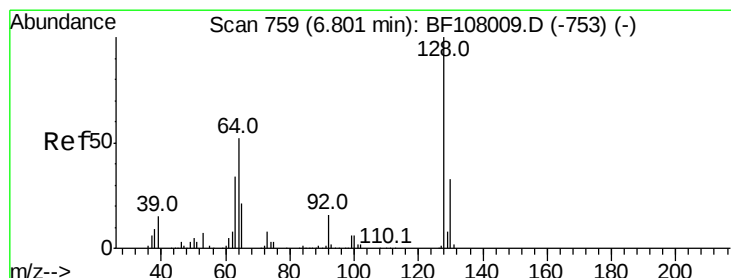
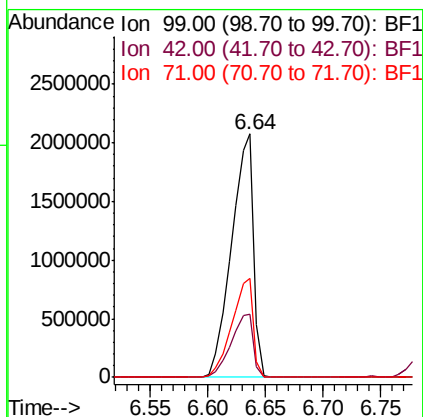
Tot Ion: 99 Resp: 2722019

Ion Ratio Lower Upper

99 100

42 25.8 14.5 21.7#

71 40.5 25.4 38.0#



#8

2-Chlorophenol

Concen: 21.659 ng

RT: 6.80 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

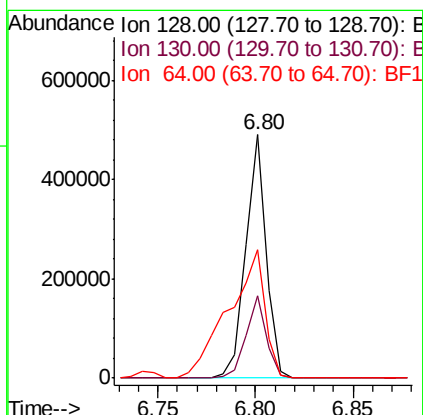
Tgt Ion:128 Resp: 356926

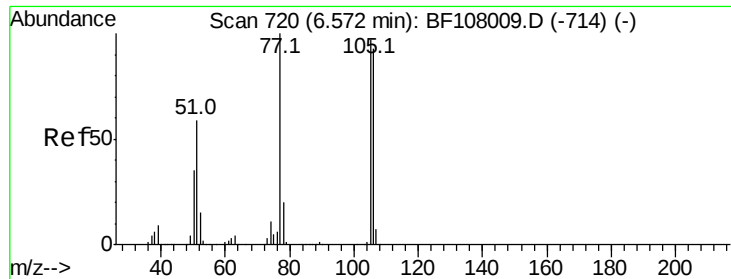
Ion Ratio Lower Upper

128 100

130 33.8 13.0 53.0

64 53.0 29.4 69.4





#9

Benzaldehyde

Concen: 19.538 ng

RT: 6.57 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

ClientSampleId :

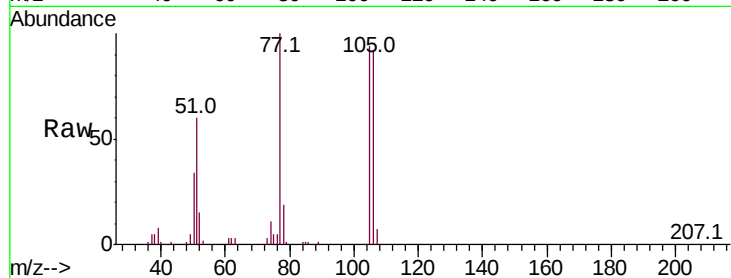
Tot Ion: 77 Resp: 294523

Ion Ratio Lower Upper

77 100

105 93.9 81.1 121.1

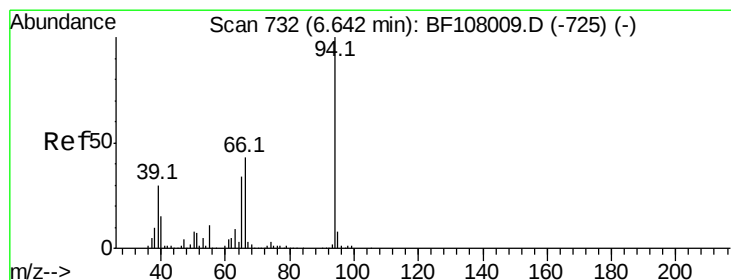
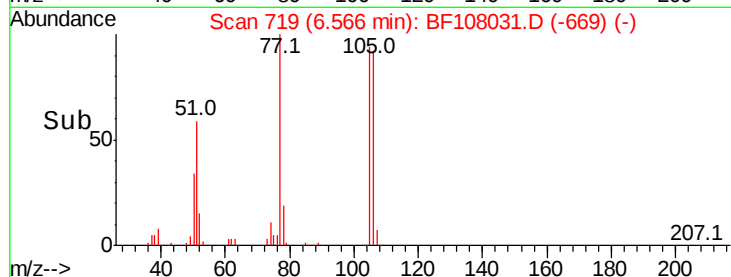
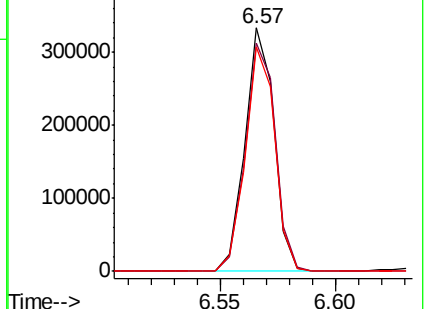
106 92.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 21.206 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

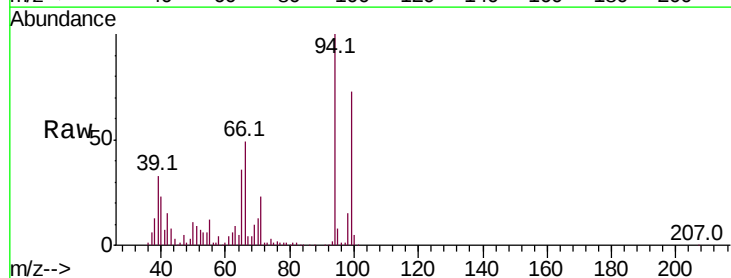
Tgt Ion: 94 Resp: 426485

Ion Ratio Lower Upper

94 100

65 35.7 7.9 47.9

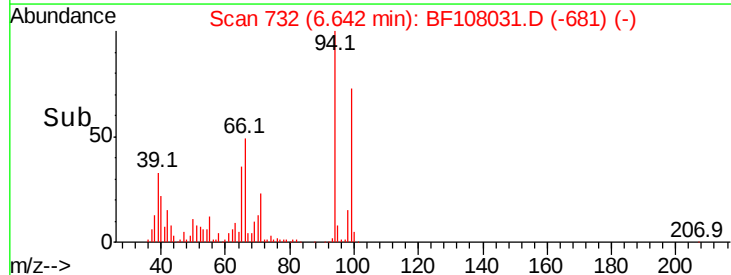
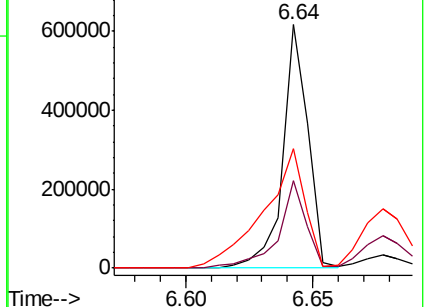
66 48.9 16.2 56.2

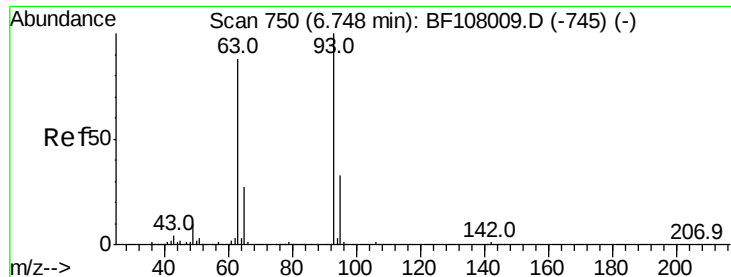


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

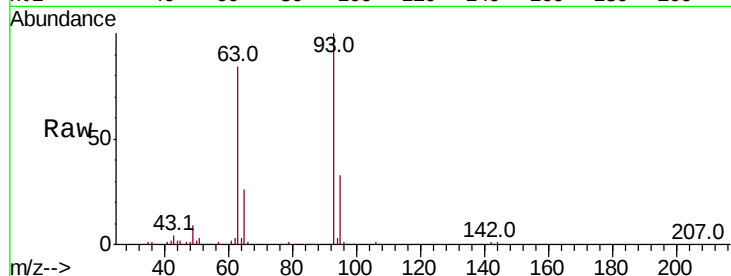




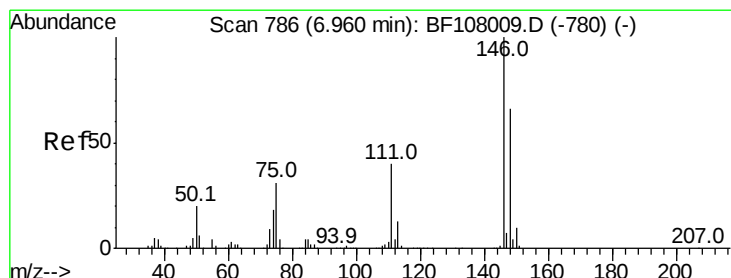
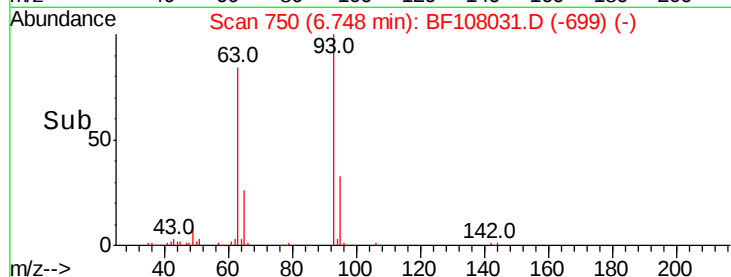
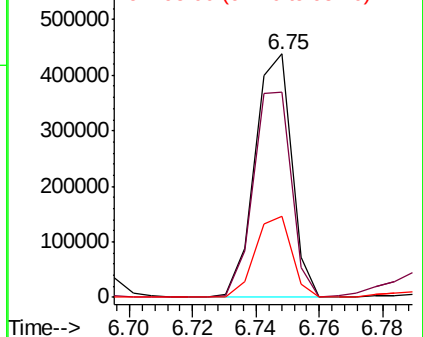
#11
bis(2-Chloroethyl)ether
Concen: 21.738 ng
RT: 6.75 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 353445
Ion Ratio Lower Upper
93 100
63 84.2 58.6 98.6
95 33.4 11.8 51.8

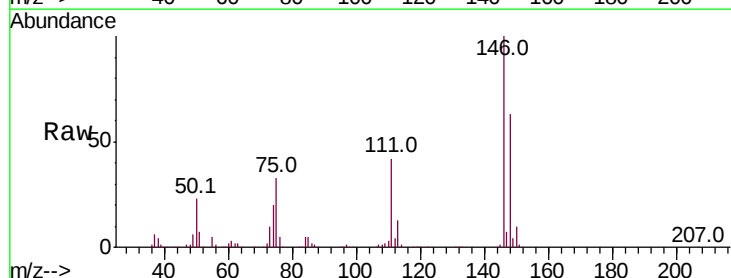


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

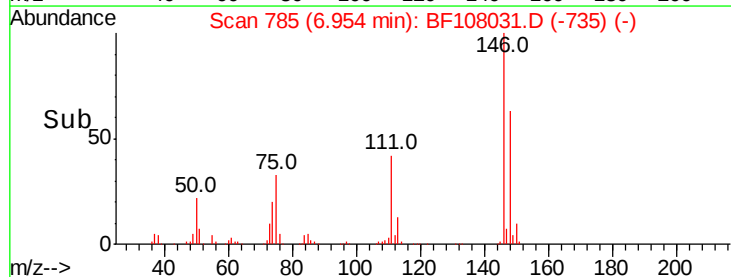
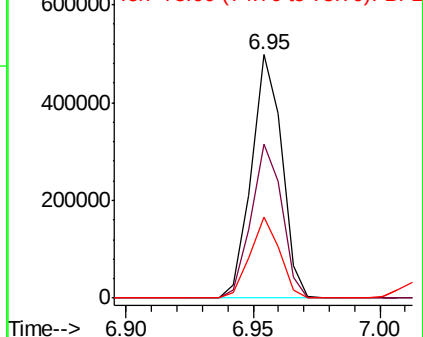


#12
1,3-Dichlorobenzene
Concen: 21.961 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Tgt Ion: 146 Resp: 418450
Ion Ratio Lower Upper
146 100
148 63.1 51.8 77.8
75 33.1 24.2 36.4



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

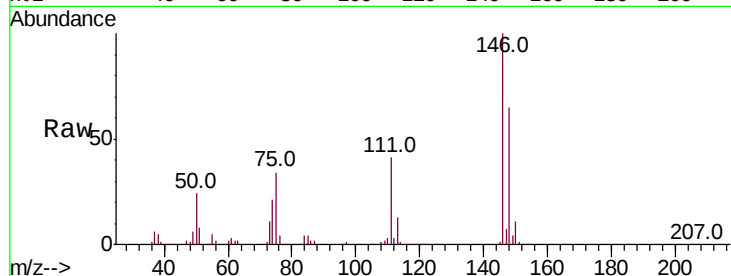




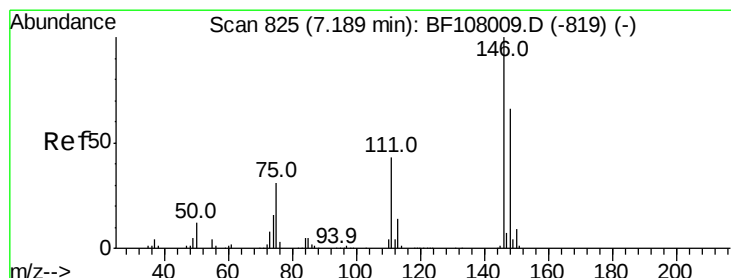
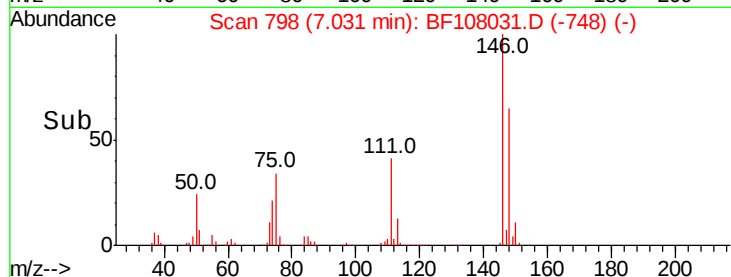
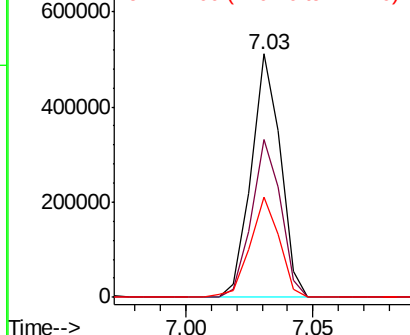
#13
 1,4-Dichlorobenzene
 Concen: 21.509 ng
 RT: 7.03 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 411759
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.8 76.2
 111 41.4 34.2 51.2

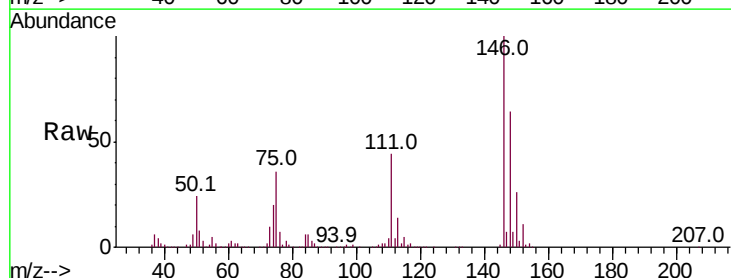


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

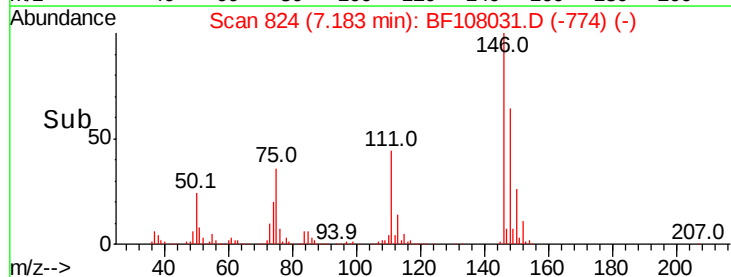
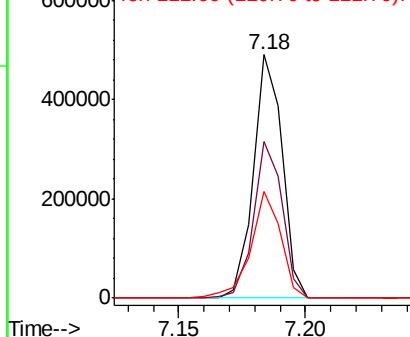


#14
 1,2-Dichlorobenzene
 Concen: 21.866 ng
 RT: 7.18 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Tgt Ion:146 Resp: 389362
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.6 75.8
 111 43.8 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 22.260 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

ClientSampled :

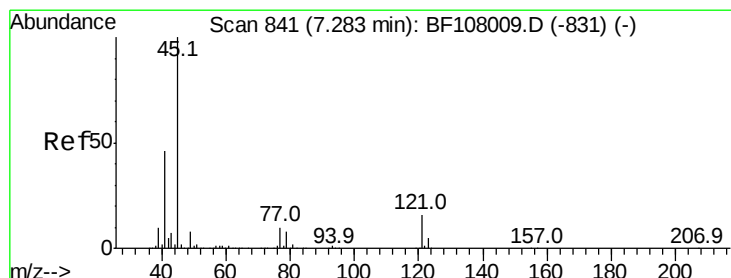
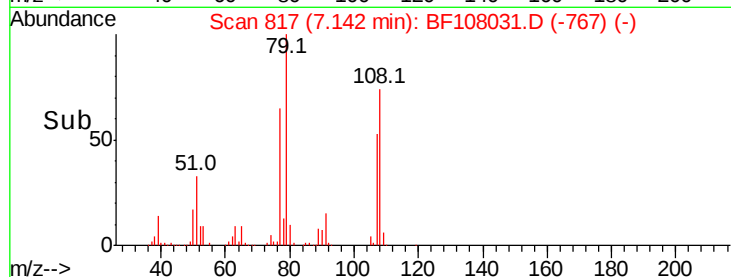
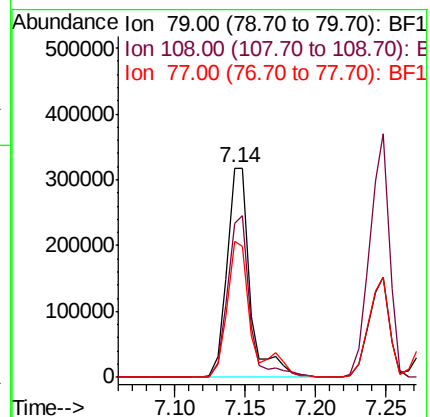
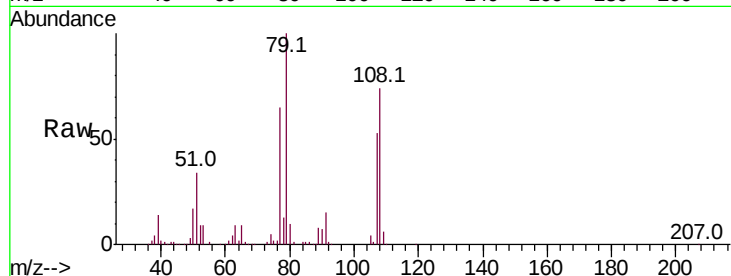
Tot Ion: 79 Resp: 364357

Ion Ratio Lower Upper

79 100

108 73.5 65.1 97.7

77 64.9 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 21.614 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

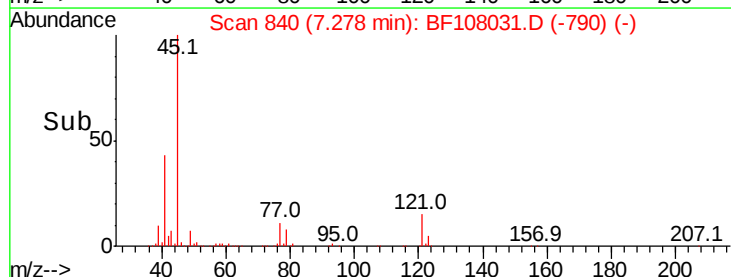
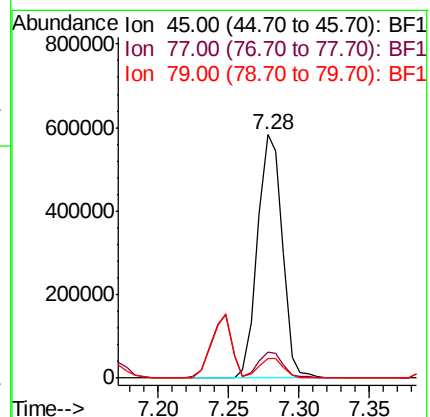
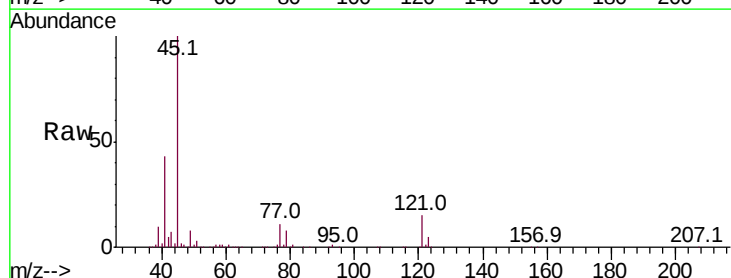
Tgt Ion: 45 Resp: 723983

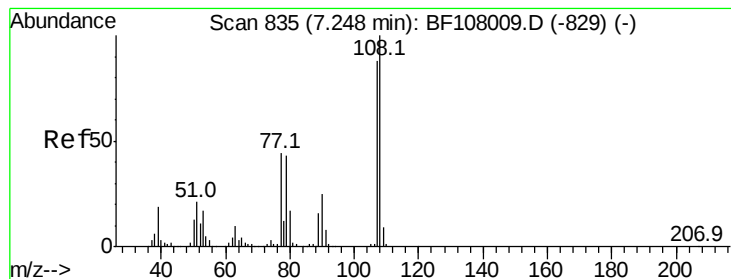
Ion Ratio Lower Upper

45 100

77 10.8 0.0 32.9

79 8.1 0.0 29.6

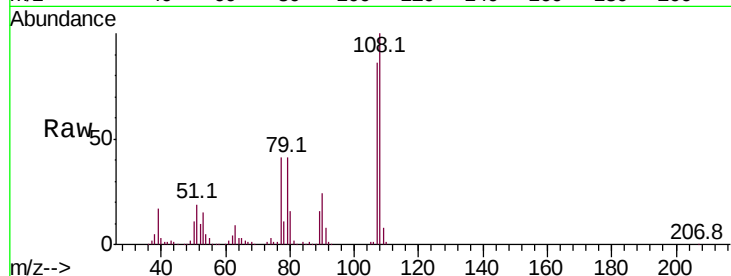




#17
2-Methylphenol
Concen: 22.276 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.2	91.7	137.5
77	47.9	33.8	50.8
79	48.1	33.8	50.8



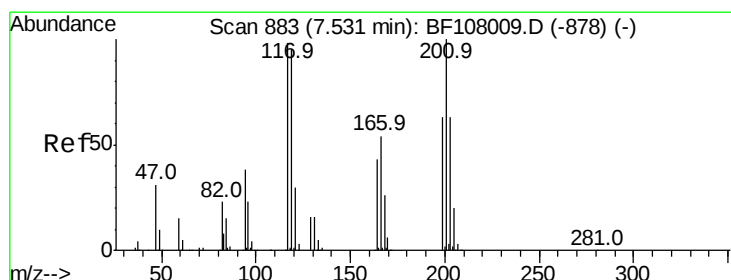
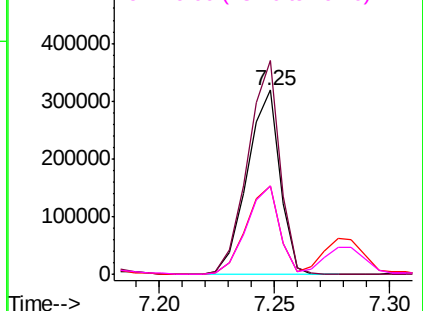
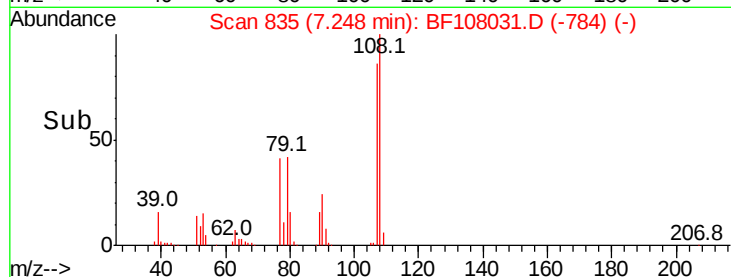
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

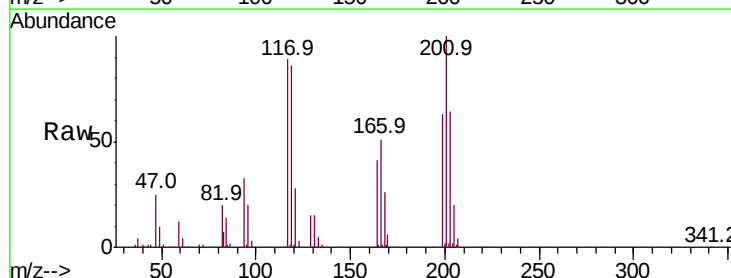
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 21.721 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.8	113.8
201	112.4	75.7	113.5

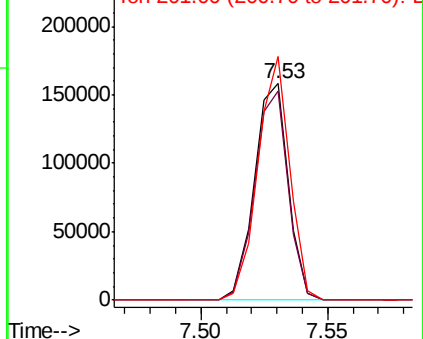
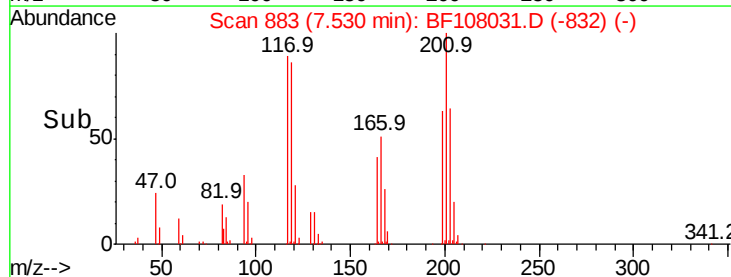


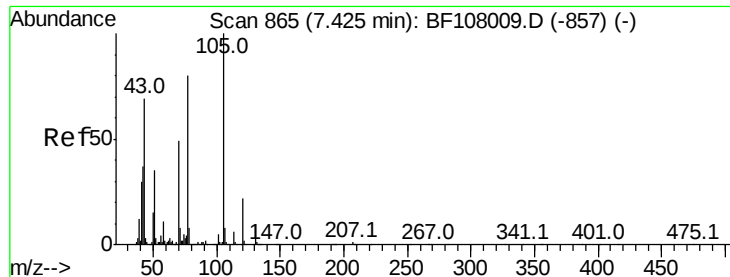
Abundance

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

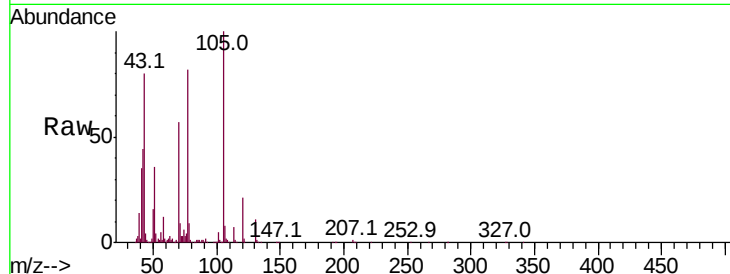




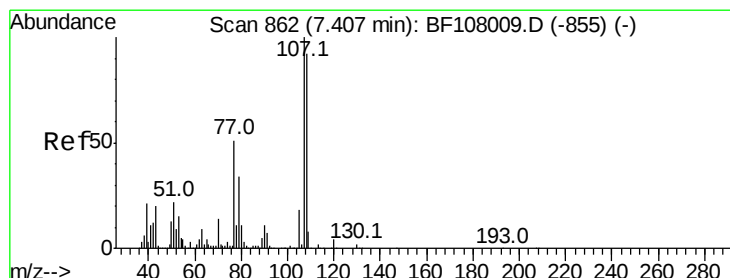
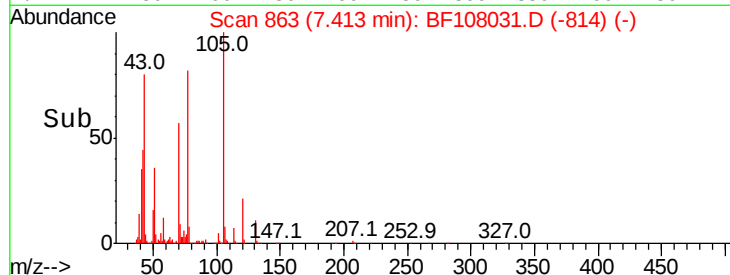
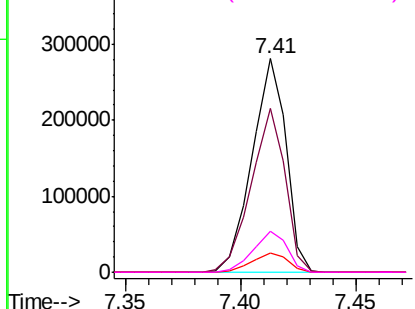
#19
n-Nitroso-di-n-propylamine
Concen: 21.953 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 288645
Ion Ratio Lower Upper
70 100
42 76.7 47.5 71.3#
101 8.8 7.4 11.2
130 19.1 16.6 25.0

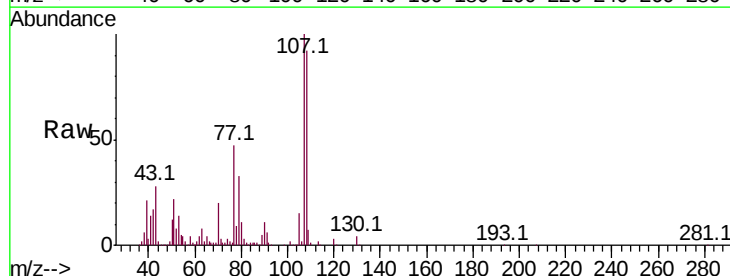


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

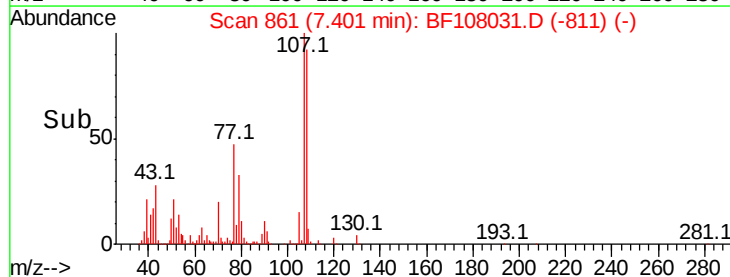
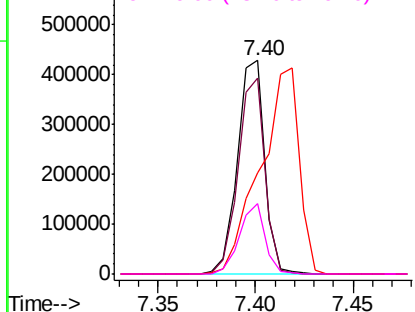


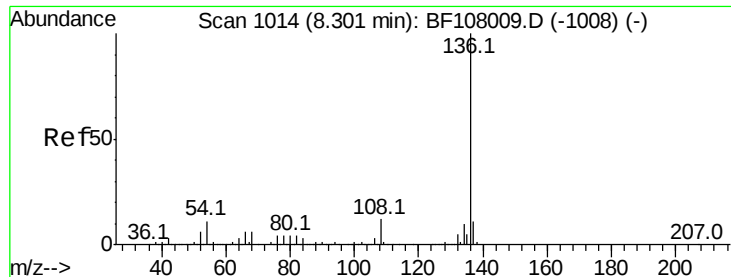
#20
3+4-Methylphenols
Concen: 22.793 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Tgt Ion:107 Resp: 412773
Ion Ratio Lower Upper
107 100
108 91.6 68.2 108.2
77 47.1 26.7 66.7
79 32.7 6.3 46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

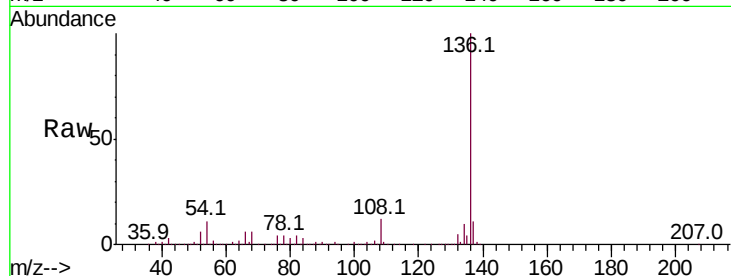
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1069296

Ion Ratio Lower Upper

136	100		
137	11.2	8.9	13.3
54	11.1	6.6	9.8#
68	6.3	5.0	7.4

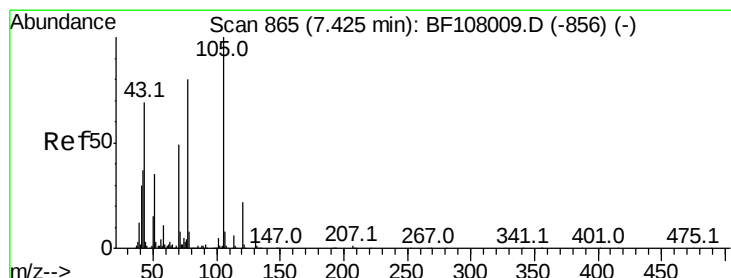
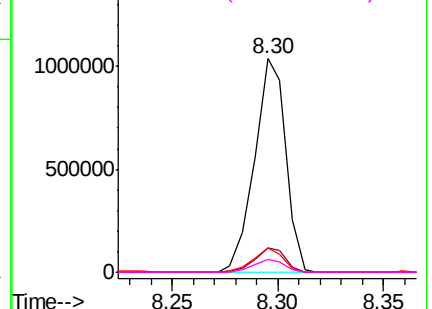
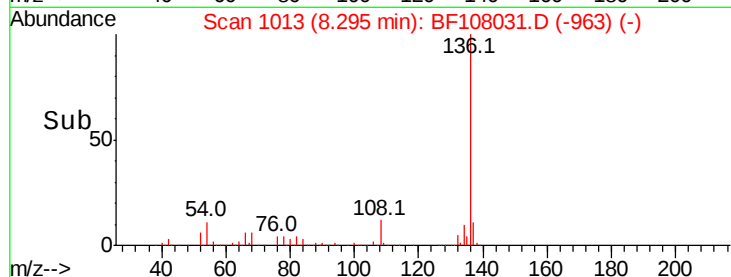


Abundance Ion 136.00 (135.70 to 136.70): E

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: 21.299 ng

RT: 7.42 min Scan# 864

Delta R.T. -0.01 min

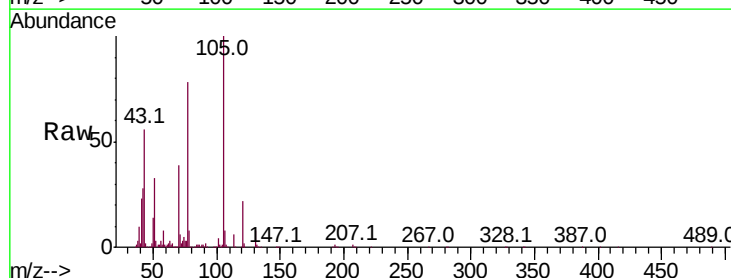
Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Tgt Ion:105 Resp: 532532

Ion Ratio Lower Upper

105	100		
71	6.2	4.4	6.6
51	33.1	22.3	33.5
120	21.7	16.9	25.3

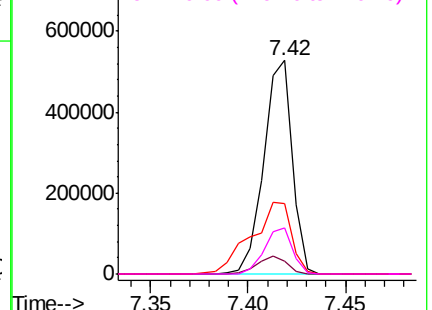
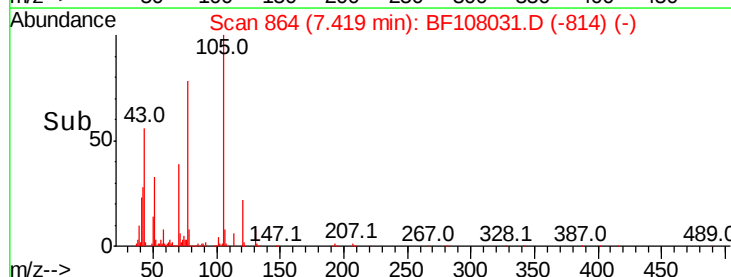


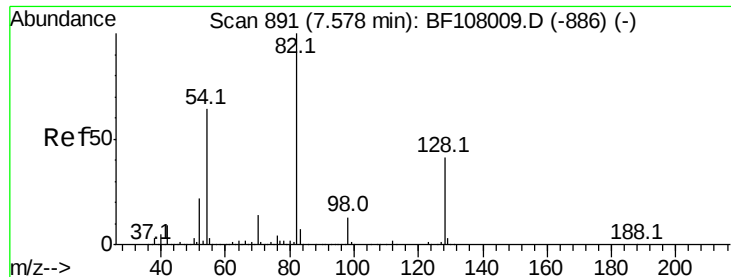
Abundance Ion 105.00 (104.70 to 105.70): E

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

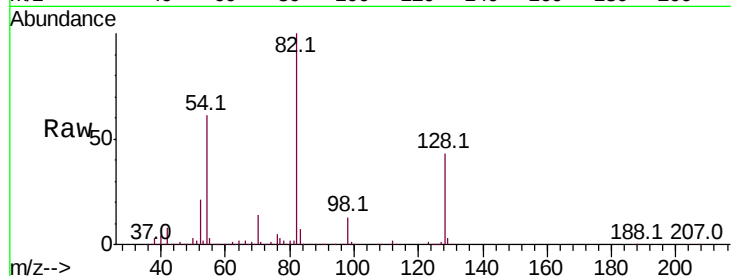




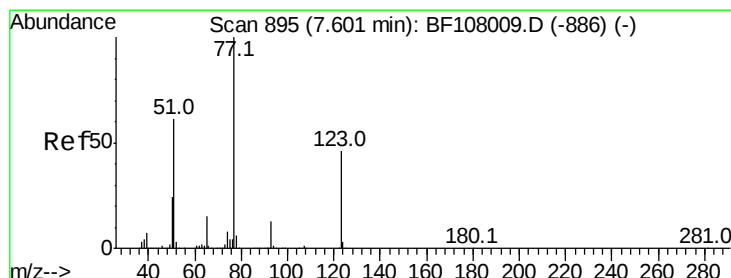
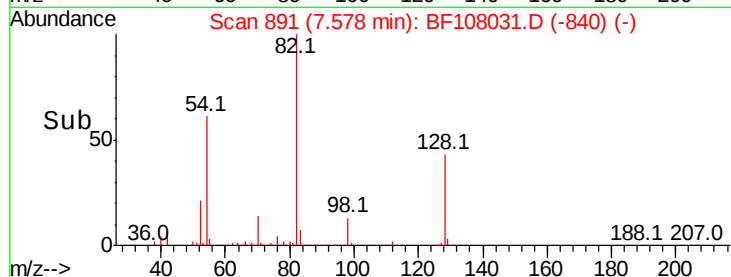
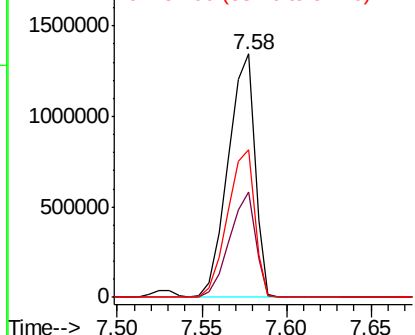
#23
Nitrobenzene-d5
Concen: 77.240 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1480107
Ion Ratio Lower Upper
82 100
128 43.1 36.1 54.1
54 60.6 41.4 62.2

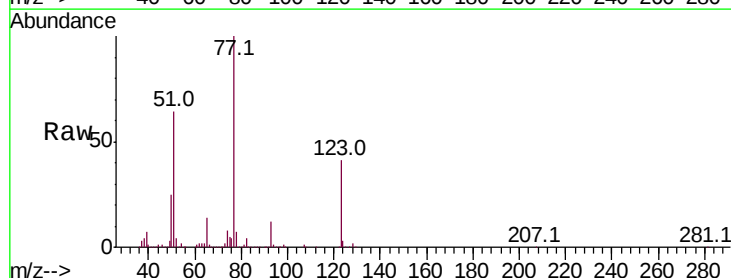


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

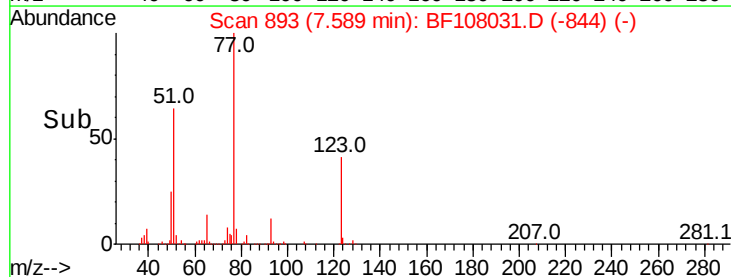
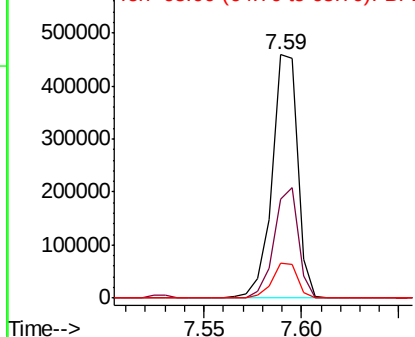


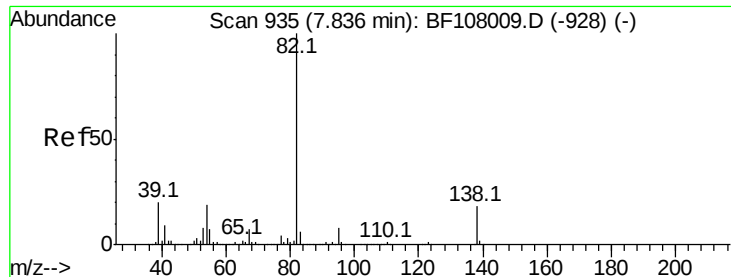
#24
Nitrobenzene
Concen: 21.578 ng
RT: 7.59 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Tgt Ion: 77 Resp: 418128
Ion Ratio Lower Upper
77 100
123 40.6 37.9 56.9
65 14.1 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: 20.869 ng

RT: 7.82 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

ClientSampled :

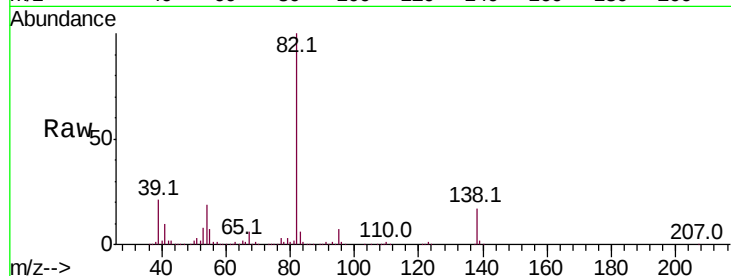
Tot Ion: 82 Resp: 762214

Ion Ratio Lower Upper

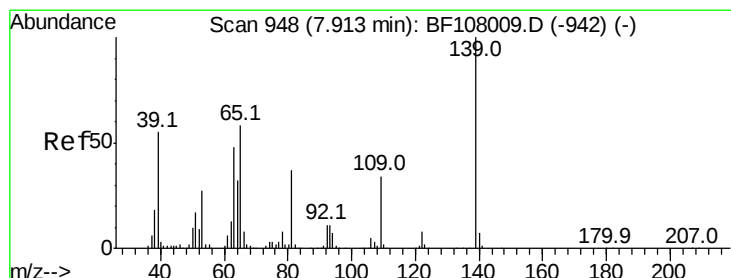
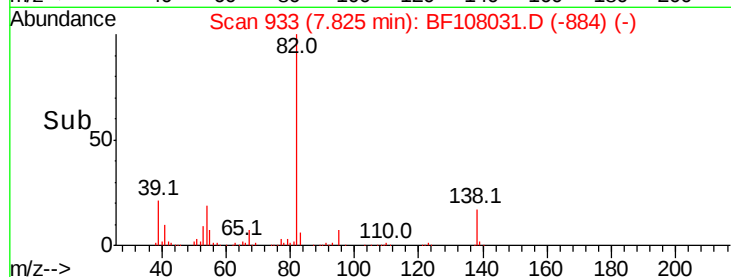
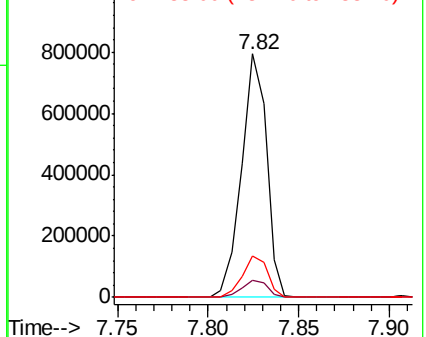
82 100

95 7.0 5.2 7.8

138 16.9 14.9 22.3



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



#26

2-Nitrophenol

Concen: 20.461 ng

RT: 7.91 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

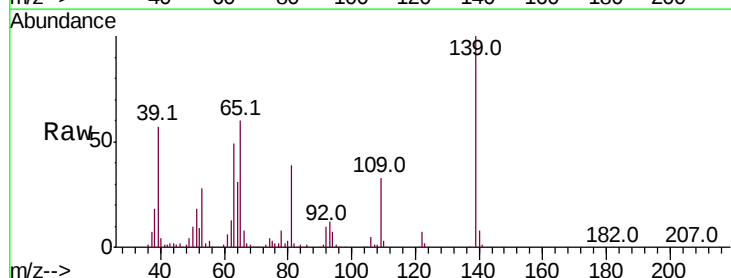
Tgt Ion: 139 Resp: 149730

Ion Ratio Lower Upper

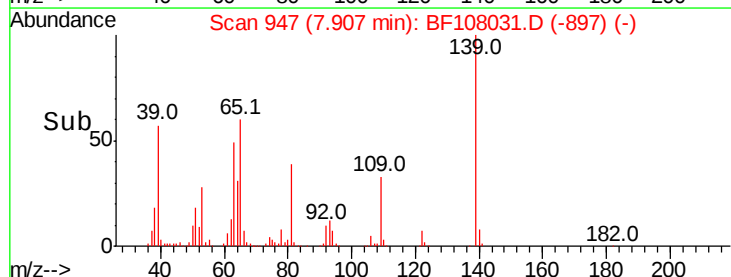
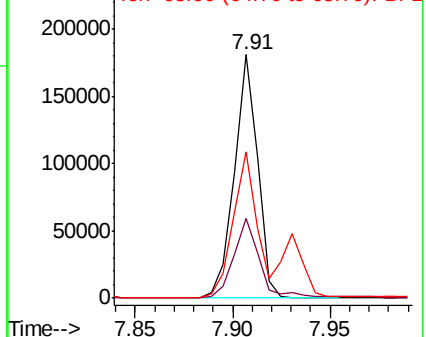
139 100

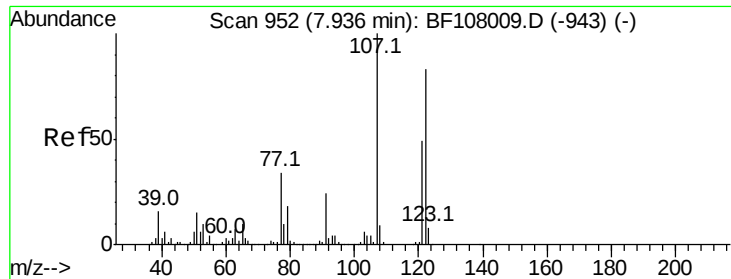
109 32.7 22.7 34.1

65 59.9 40.5 60.7



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

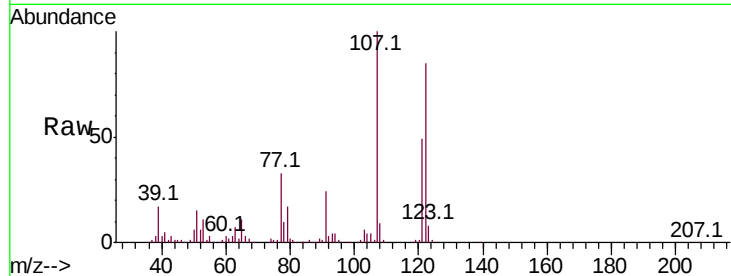




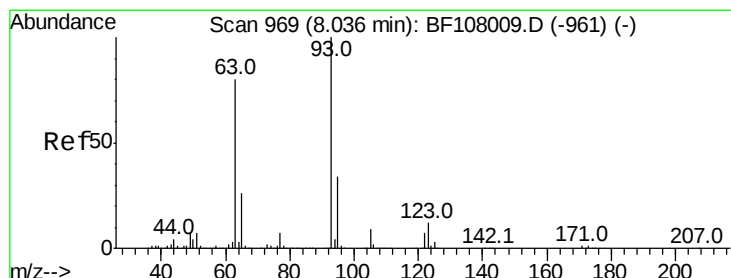
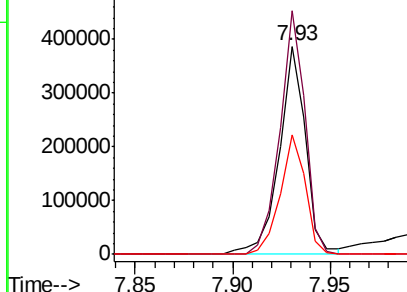
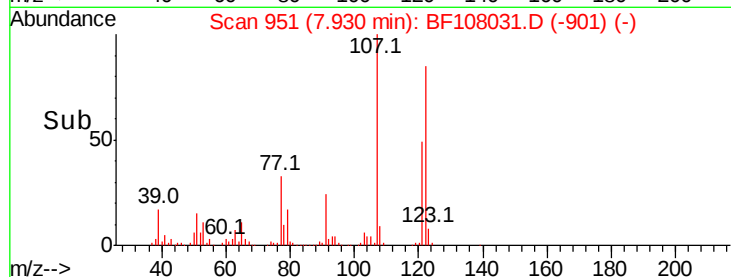
#27
 2,4-Dimethylphenol
 Concen: 22.267 ng
 RT: 7.93 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.1	91.2	136.8
121	57.3	47.2	70.8

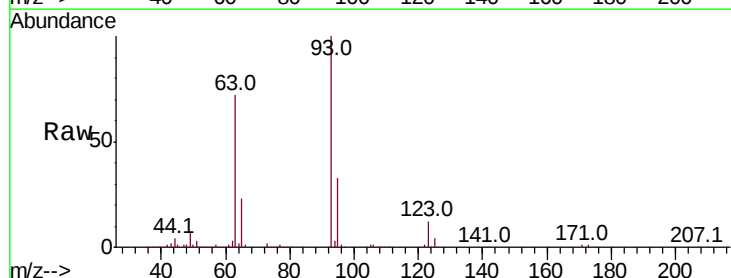


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

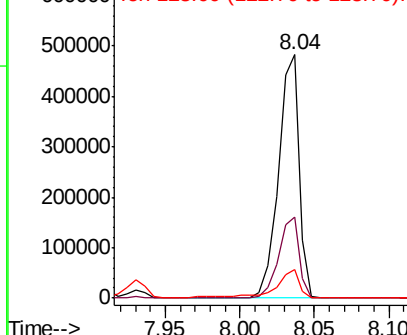
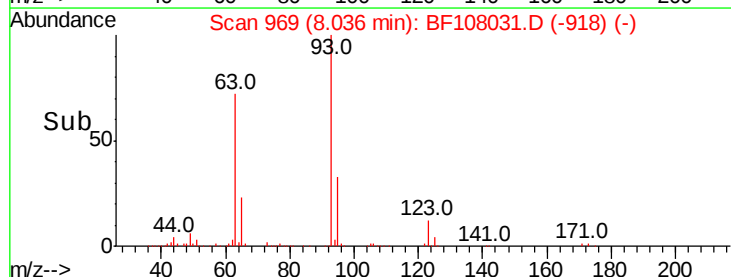


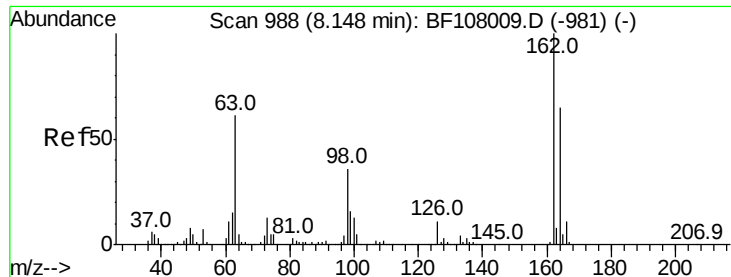
#28
 bis(2-Chloroethoxy)methane
 Concen: 21.965 ng
 RT: 8.04 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.3	39.5
123	11.5	9.8	14.6



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

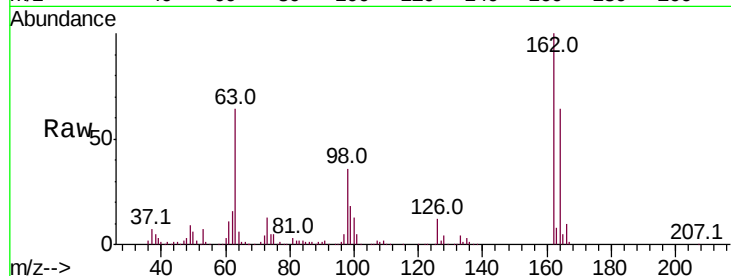




#29
 2,4-Dichlorophenol
 Concen: 22.056 ng
 RT: 8.14 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	42.7	82.7
98	36.5	18.1	58.1

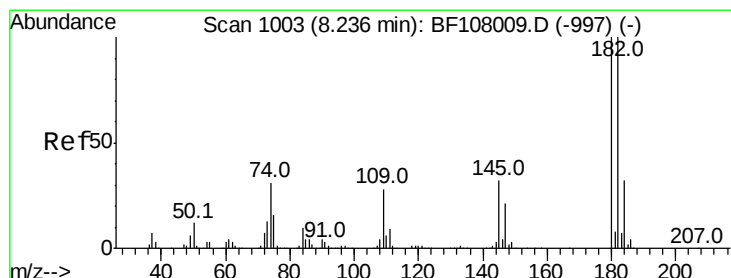
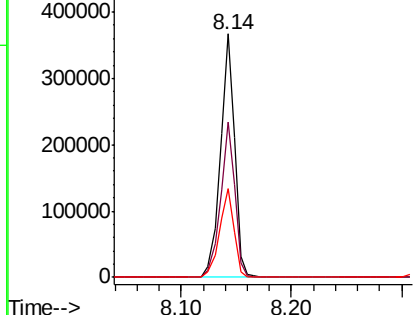
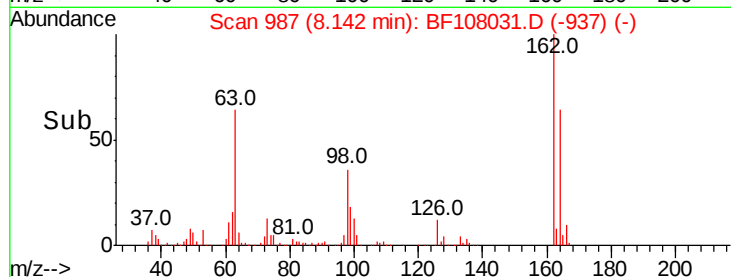


Abundance

Ion 162.00 (161.70 to 162.70): E

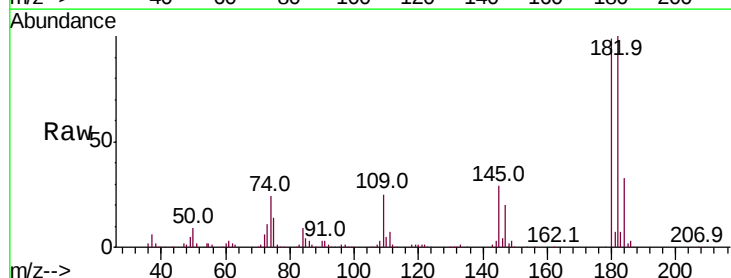
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 21.364 ng
 RT: 8.24 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.4	76.8	115.2
145	29.0	26.5	39.7

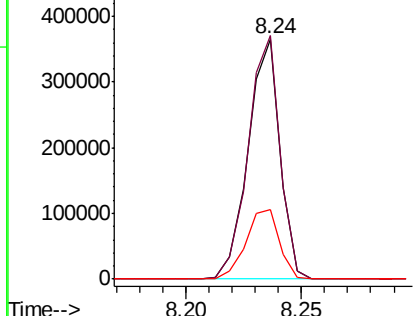
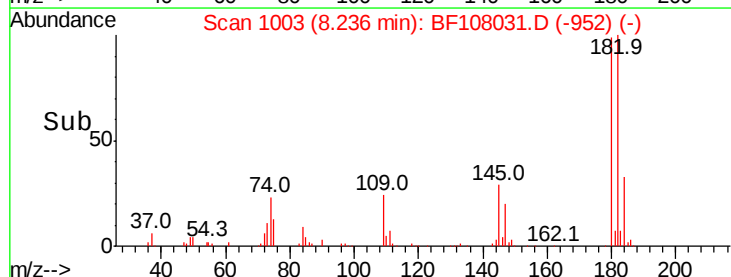


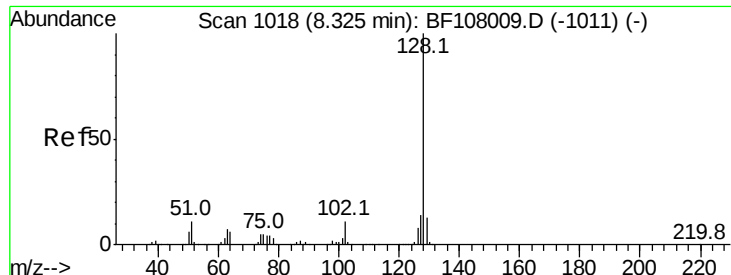
Abundance

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

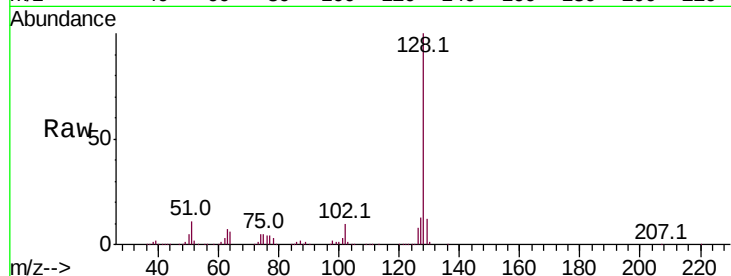




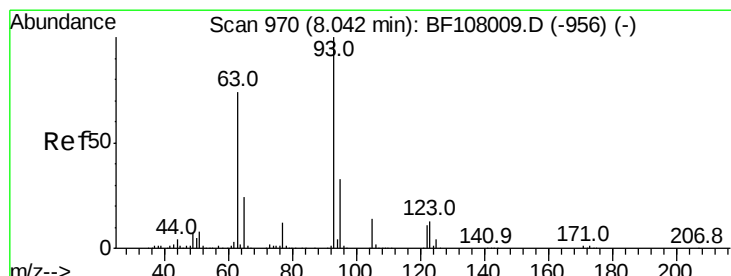
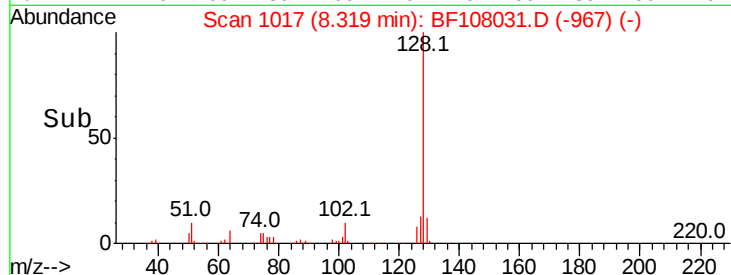
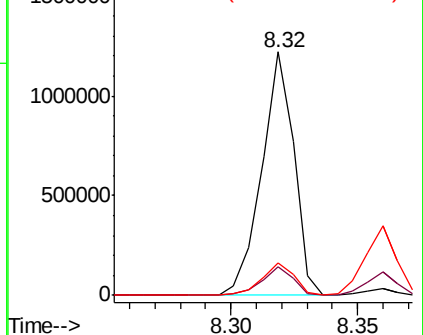
#31
Naphthalene
Concen: 22.440 ng
RT: 8.32 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1091265
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.4 10.9 16.3

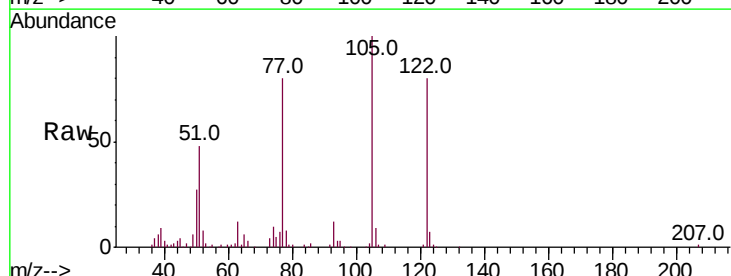


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

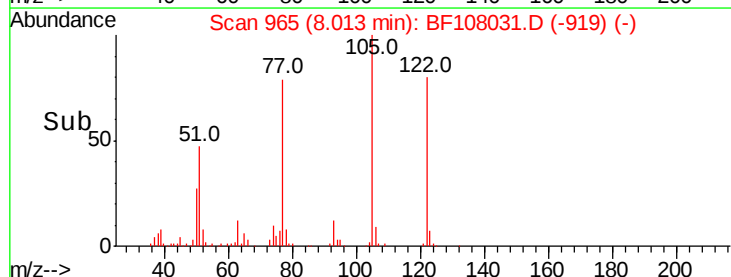
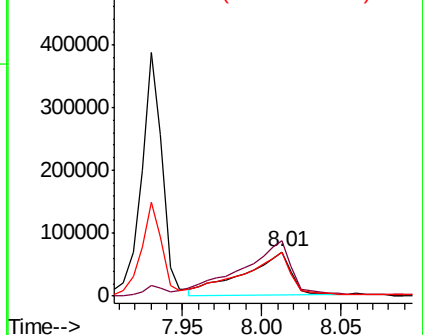


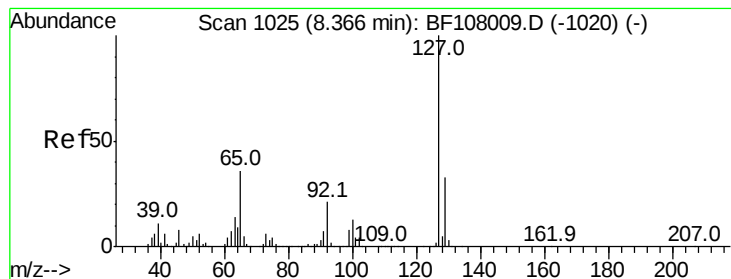
#32
Benzoic acid
Concen: 19.242 ng
RT: 8.01 min Scan# 965
Delta R.T. -0.03 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Tgt Ion:122 Resp: 142545
Ion Ratio Lower Upper
122 100
105 124.7 101.1 141.1
77 99.8 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 14.269 ng

RT: 8.36 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 302388

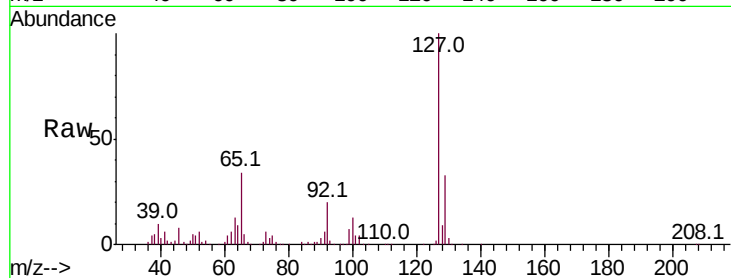
Ion Ratio Lower Upper

127 100

129 32.6 25.9 38.9

65 33.5 25.0 37.4

92 19.9 15.2 22.8

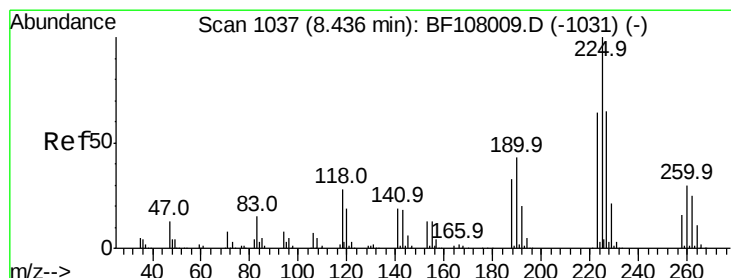
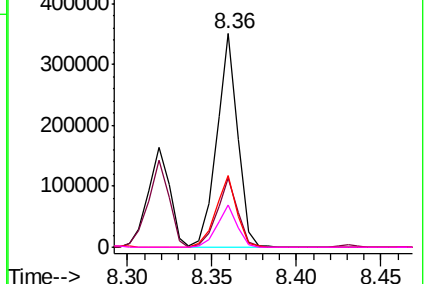
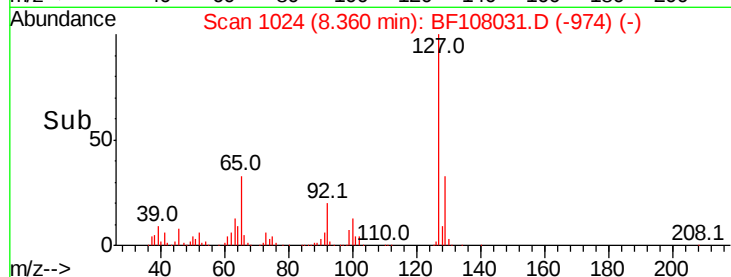


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 21.648 ng

RT: 8.43 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

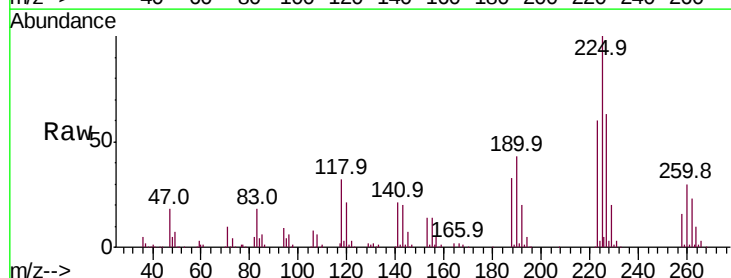
Tgt Ion:225 Resp: 225409

Ion Ratio Lower Upper

225 100

223 60.2 50.6 76.0

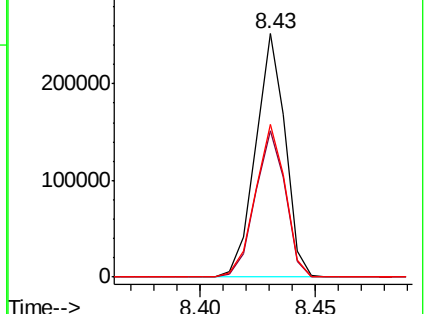
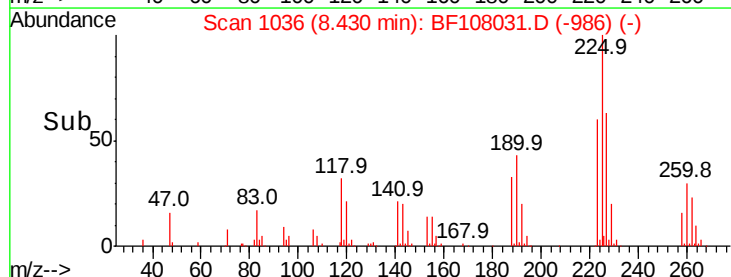
227 62.7 51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 21.807 ng

RT: 8.71 min Scan# 1084

Delta R.T. -0.03 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

ClientSampleId :

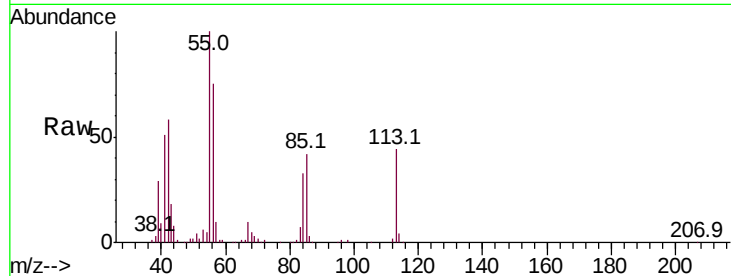
Tot Ion:113 Resp: 101946

Ion Ratio Lower Upper

113 100

55 228.9 163.3 203.3#

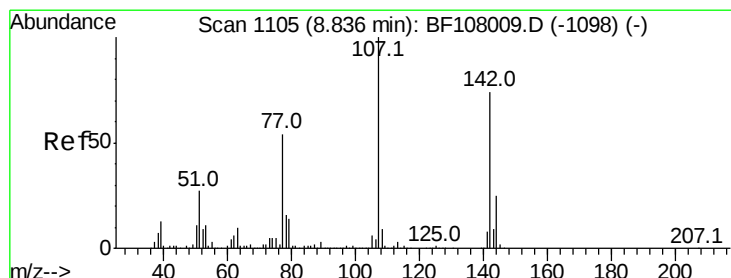
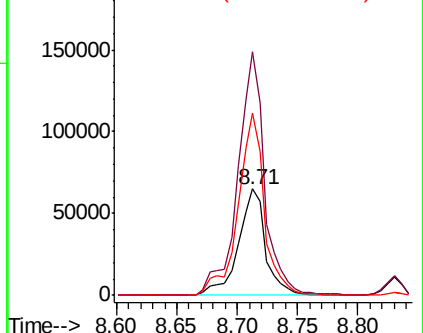
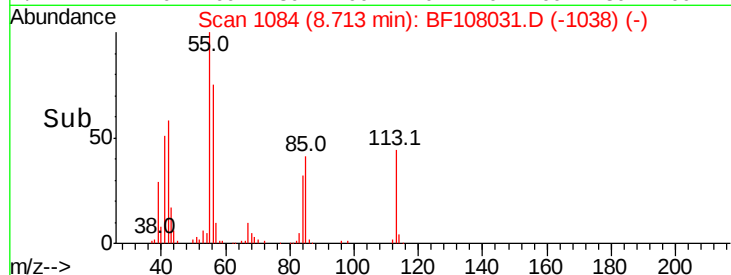
56 170.8 115.7 155.7#



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: 22.383 ng

RT: 8.83 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

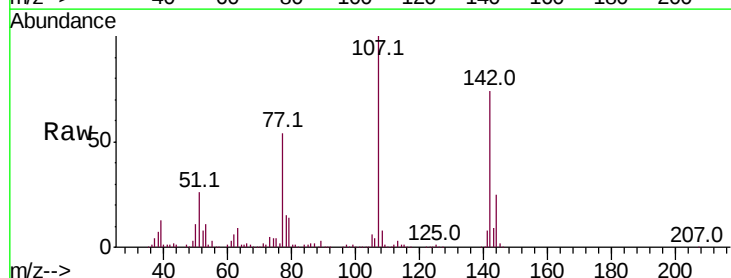
Tgt Ion:107 Resp: 360222

Ion Ratio Lower Upper

107 100

144 24.9 20.5 30.7

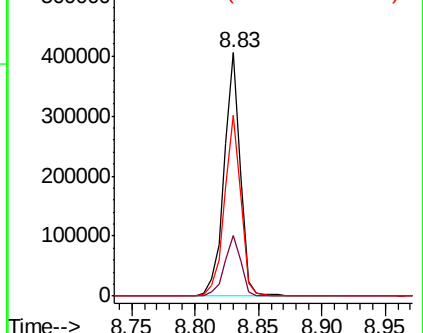
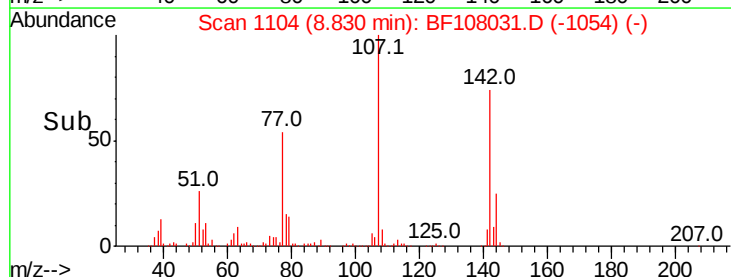
142 74.4 62.0 93.0

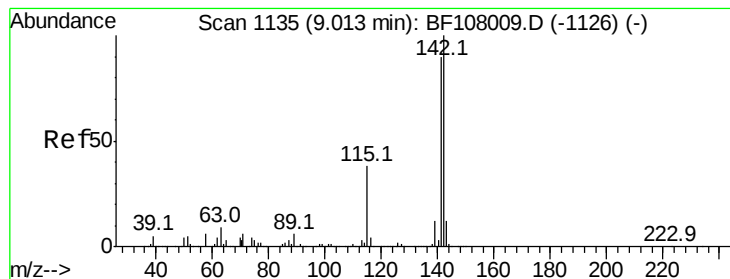


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 22.166 ng

RT: 9.01 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

ClientSampleId :

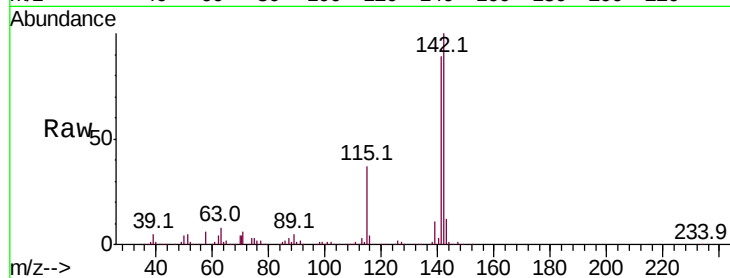
Tot Ion:142 Resp: 762650

Ion Ratio Lower Upper

142 100

141 89.3 70.8 106.2

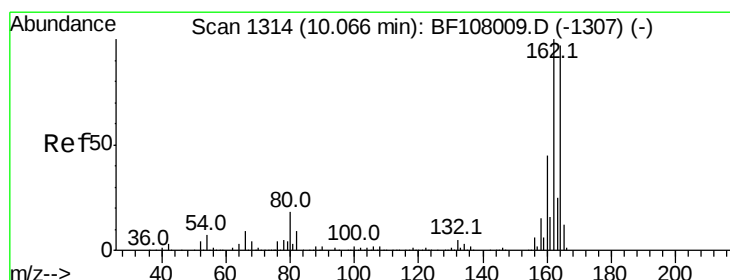
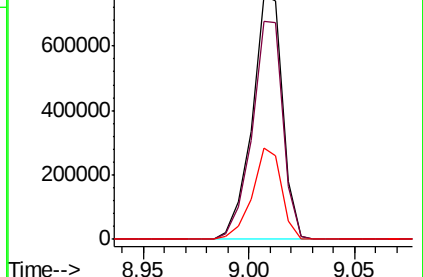
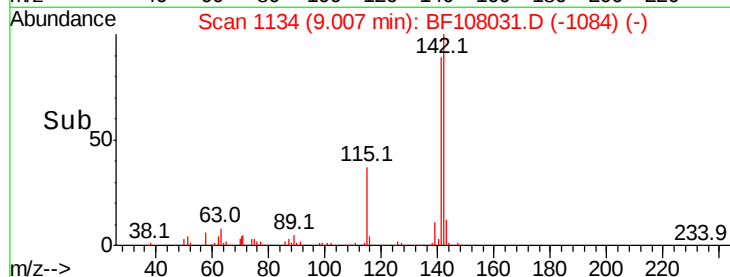
115 37.3 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.06 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

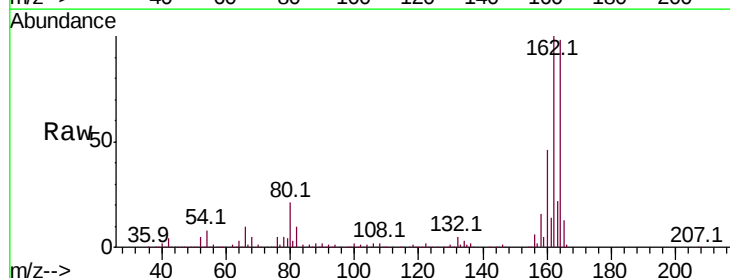
Tgt Ion:164 Resp: 576398

Ion Ratio Lower Upper

164 100

162 101.7 86.1 129.1

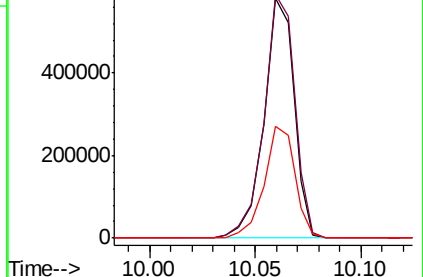
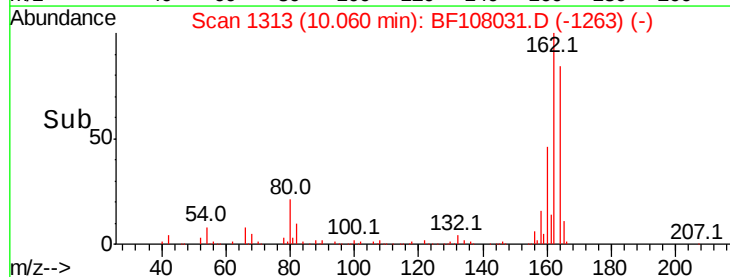
160 46.9 38.3 57.5

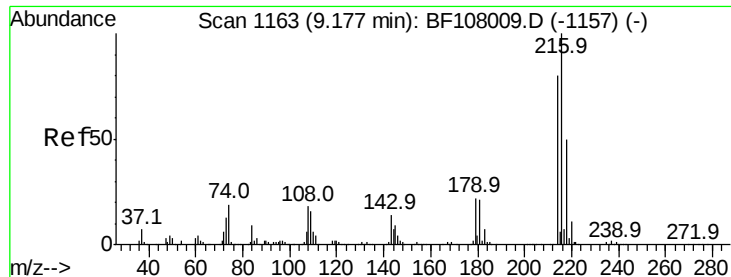


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

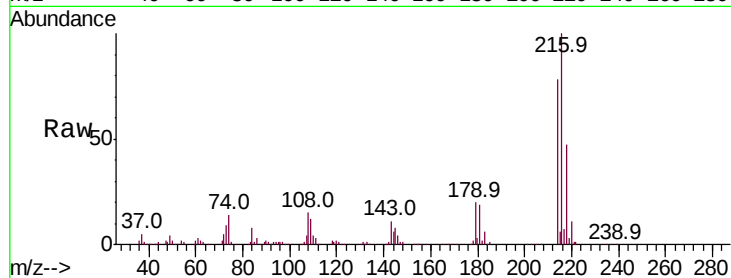




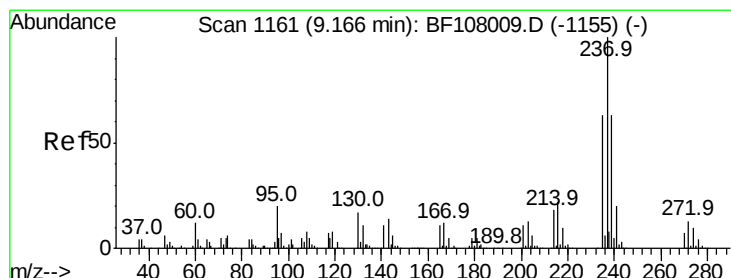
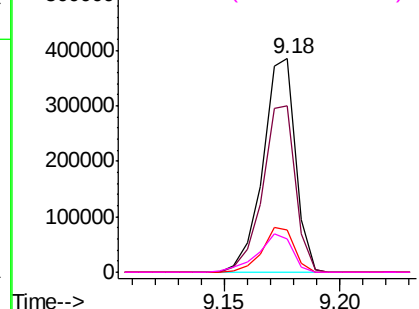
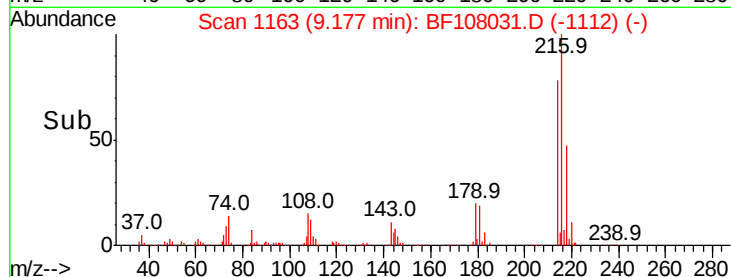
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.433 ng
 RT: 9.18 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	379372
Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.4
179	20.6	18.1	27.1
108	19.3	17.2	25.8

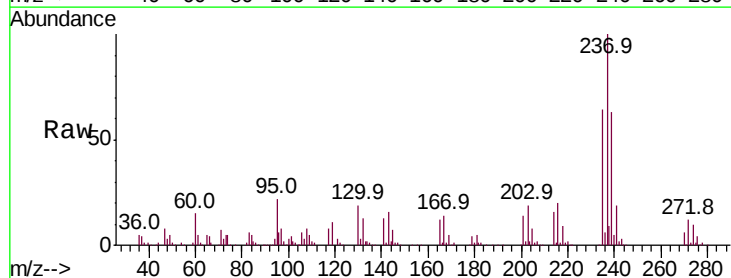


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

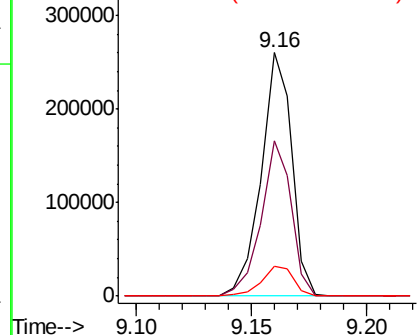
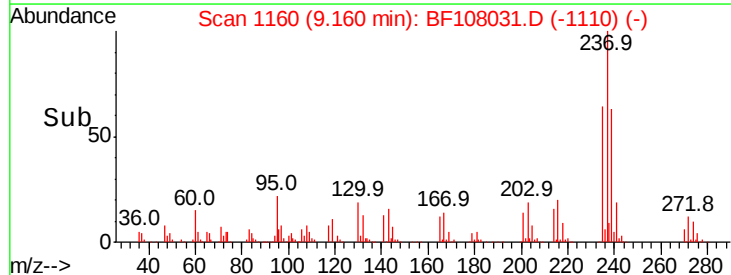


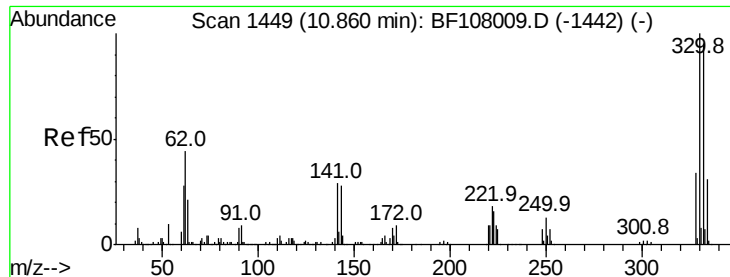
#40
 Hexachlorocyclopentadiene
 Concen: 21.048 ng
 RT: 9.16 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Tgt Ion:	237	Resp:	240642
Ion	Ratio	Lower	Upper
237	100		
235	63.8	44.8	84.8
272	12.4	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

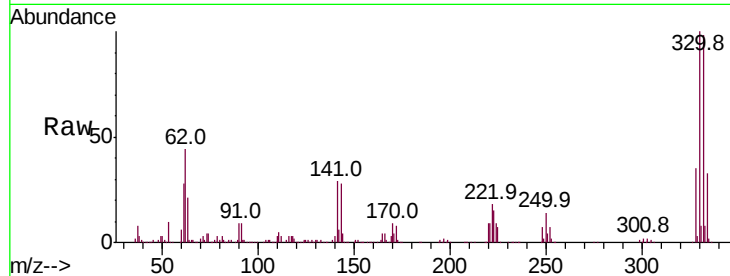




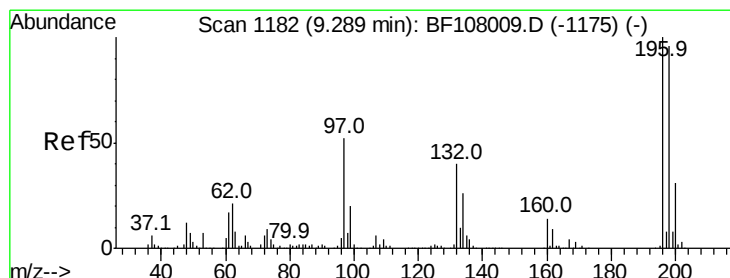
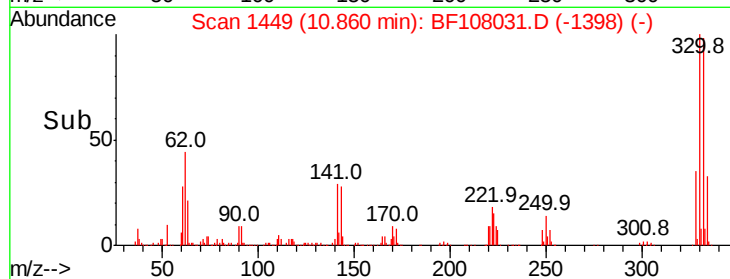
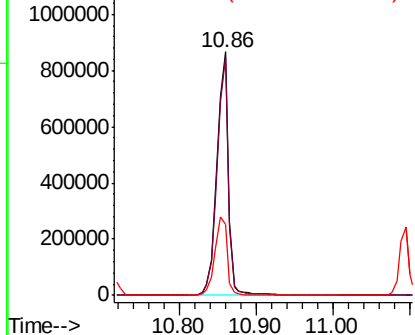
#41
 2,4,6-Tribromophenol
 Concen: 153.478 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. -0.00 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	34.4	29.9	44.9

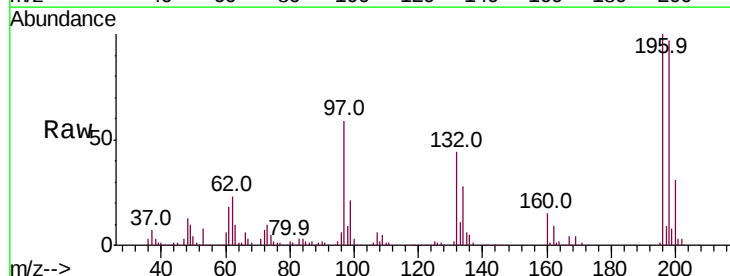


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

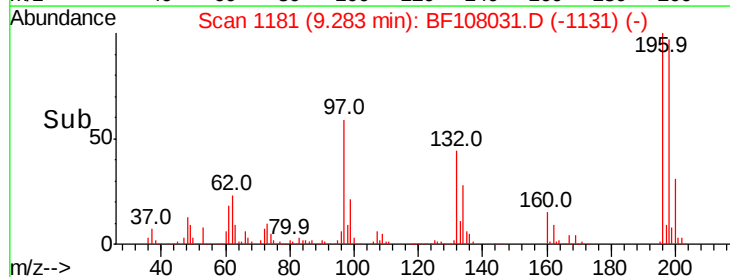
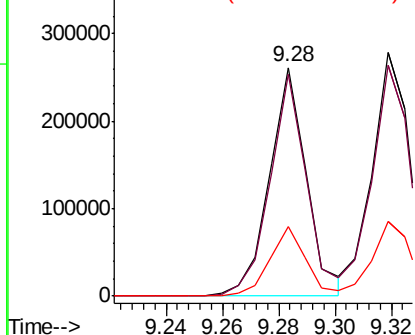


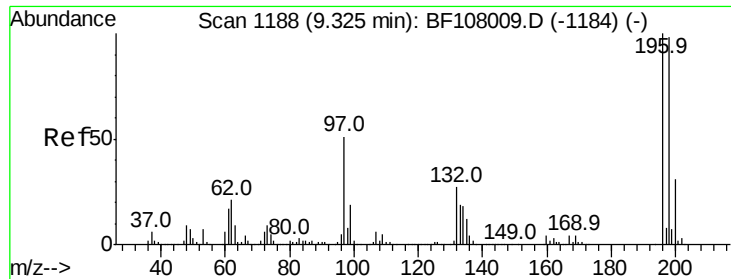
#42
 2,4,6-Trichlorophenol
 Concen: 21.710 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.0	75.7	113.5
200	30.5	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

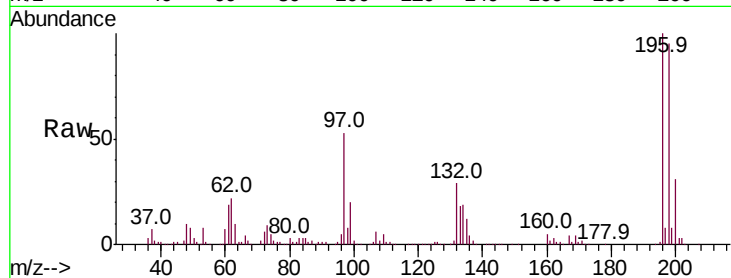




#43
 2,4,5-Trichlorophenol
 Concen: 22.364 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	270415
Ion	Ratio	Lower	Upper
196	100		
198	94.6	74.6	112.0
97	53.0	42.9	64.3
132	29.3	26.3	39.5



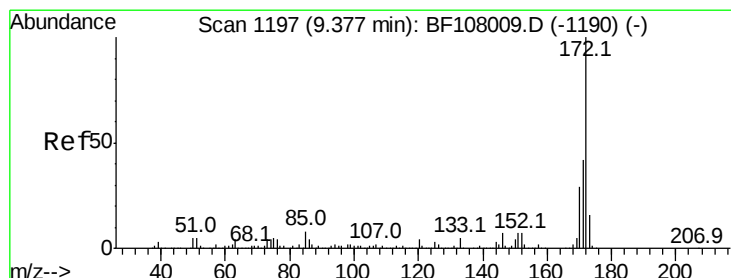
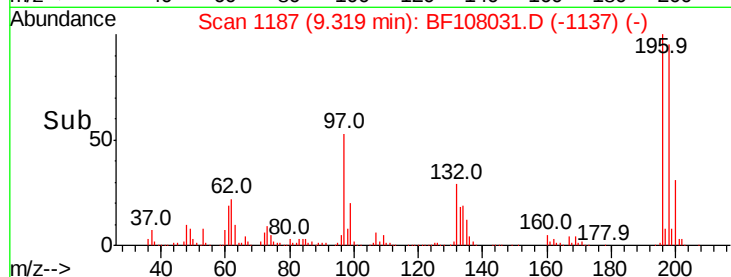
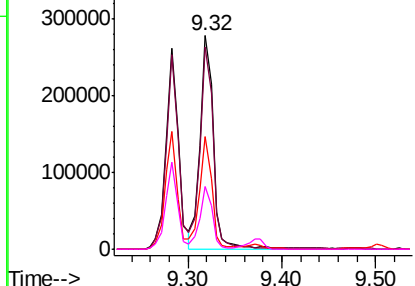
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

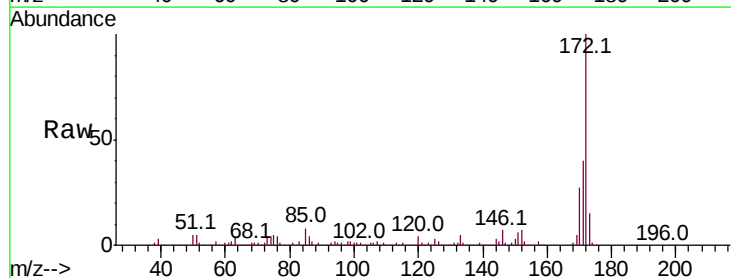
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.834 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Tgt Ion:	172	Resp:	2830307
Ion	Ratio	Lower	Upper
172	100		
171	39.6	29.7	44.5
170	27.0	19.6	29.4

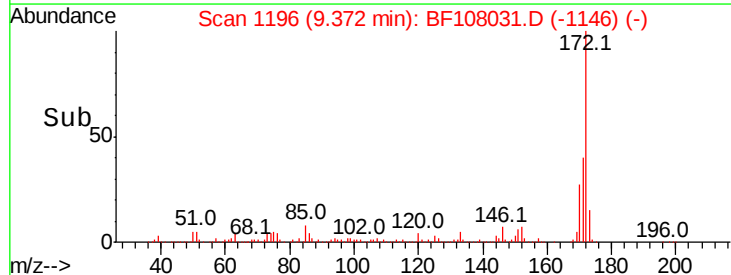
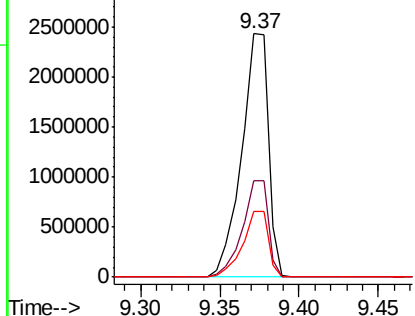


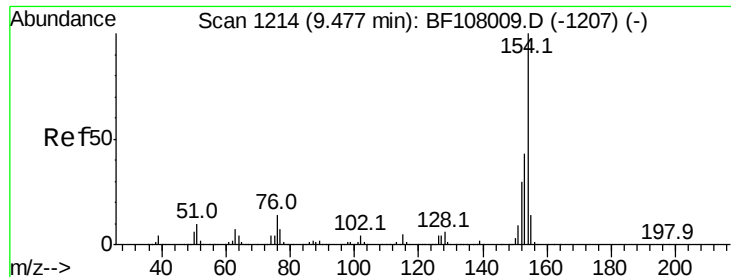
Abundance

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: 22.161 ng

RT: 9.48 min Scan# 1214

Delta R.T. -0.00 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

ClientSampled :

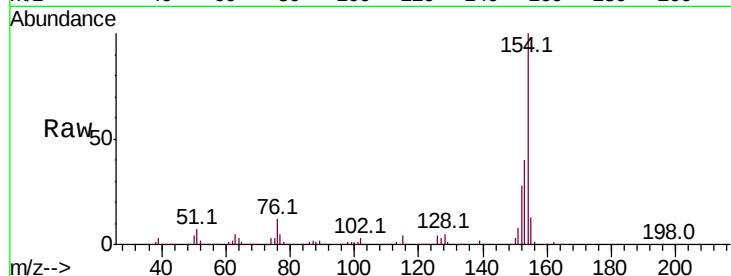
Tot Ion:154 Resp: 941784

Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

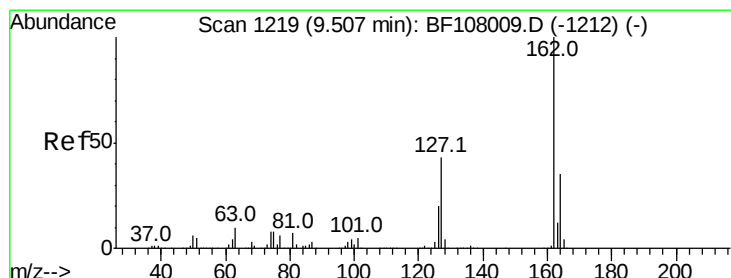
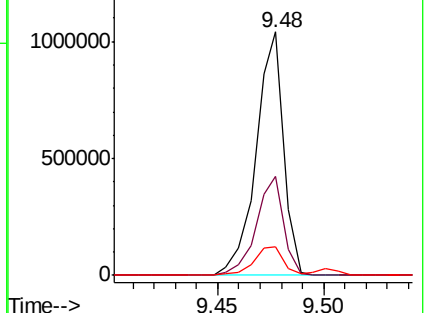
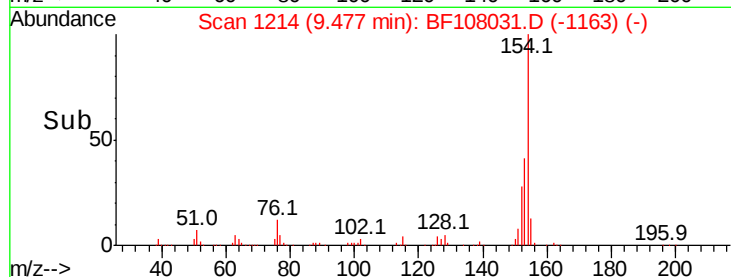
76 11.8 0.0 34.0



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: 21.846 ng

RT: 9.50 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

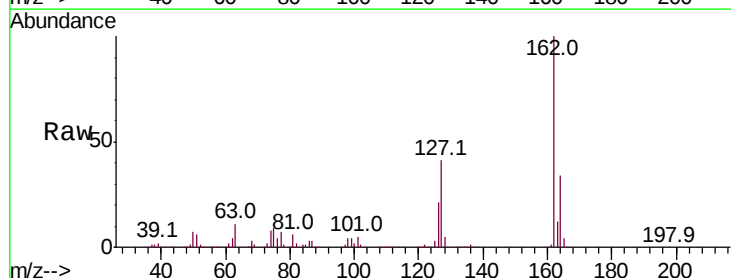
Tgt Ion:162 Resp: 733770

Ion Ratio Lower Upper

162 100

127 40.9 33.9 50.9

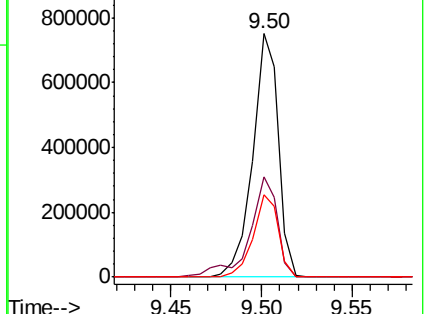
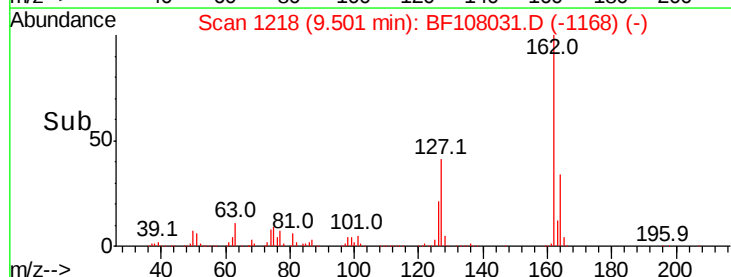
164 33.6 26.5 39.7

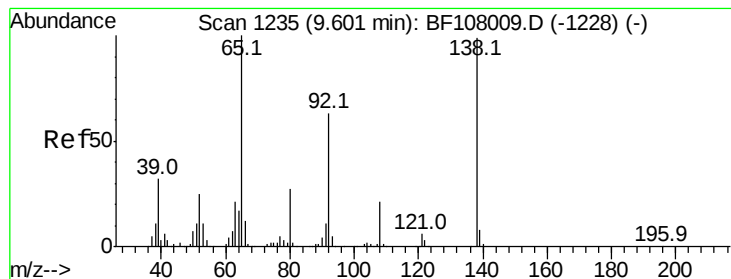


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 22.213 ng

RT: 9.60 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

ClientSampleId :

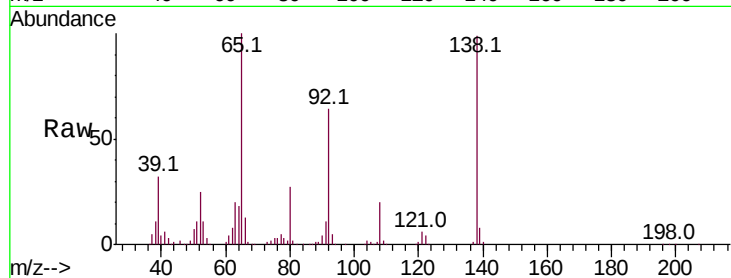
Tot Ion: 65 Resp: 241414

Ion Ratio Lower Upper

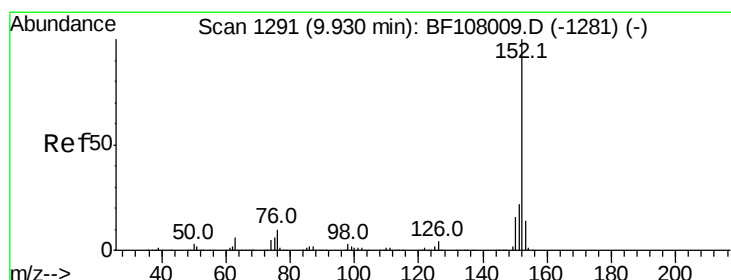
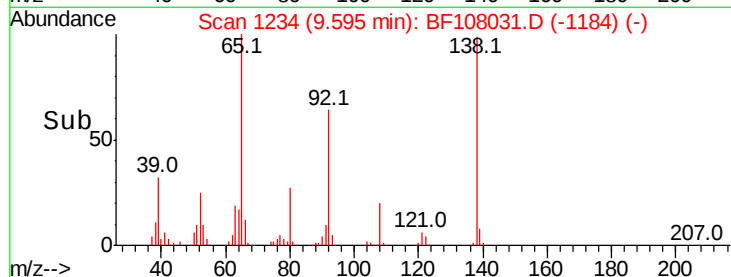
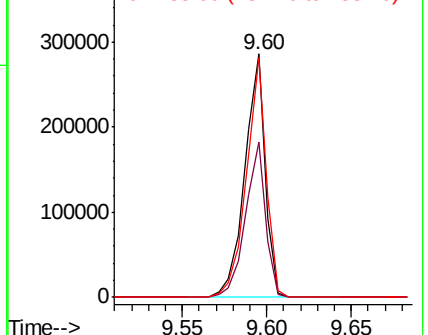
65 100

92 63.8 55.8 83.6

138 98.6 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: 22.559 ng

RT: 9.92 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

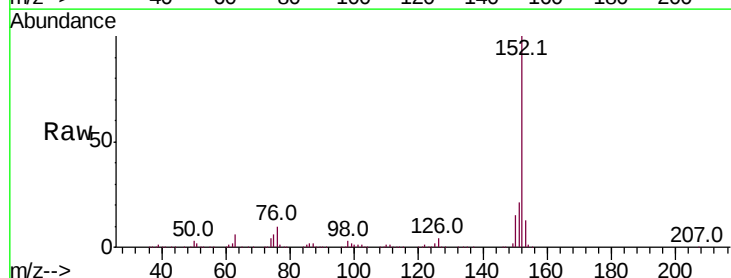
Tgt Ion: 152 Resp: 1197888

Ion Ratio Lower Upper

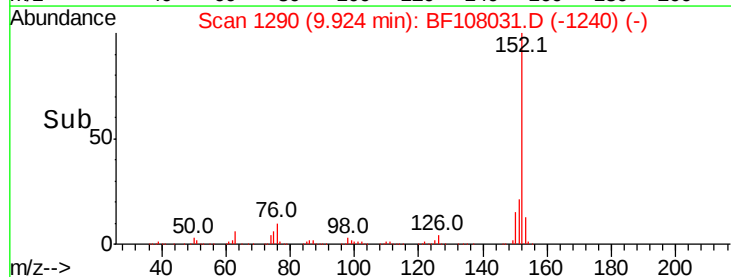
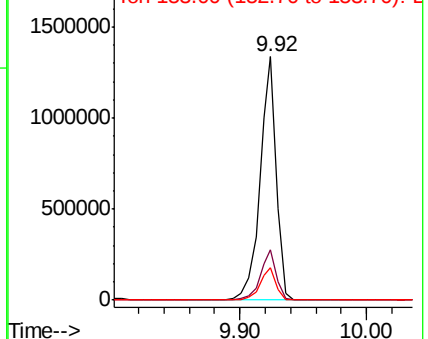
152 100

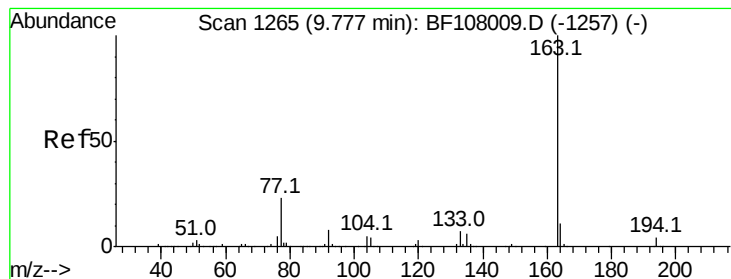
151 20.8 16.3 24.5

153 13.5 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: 22.129 ng

RT: 9.77 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

ClientSampled :

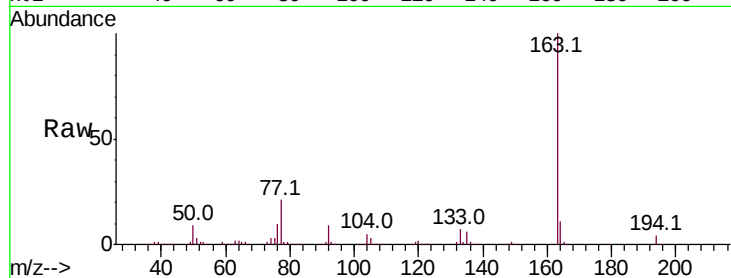
Tot Ion:163 Resp: 888480

Ion Ratio Lower Upper

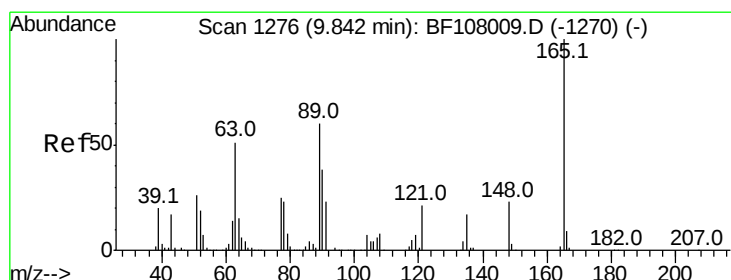
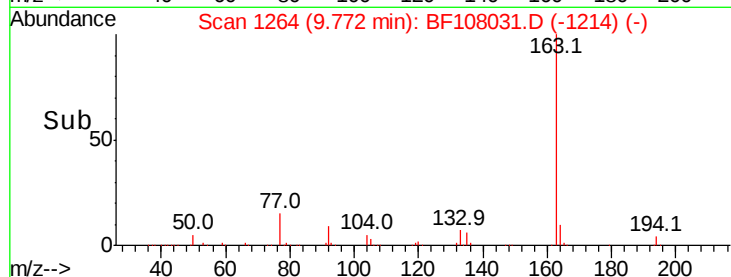
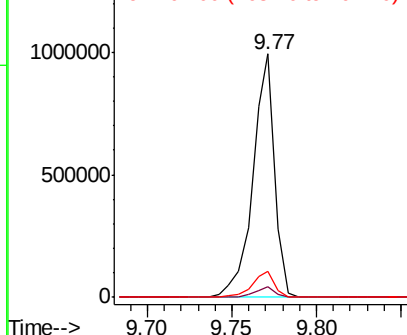
163 100

194 4.2 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: 22.932 ng

RT: 9.84 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

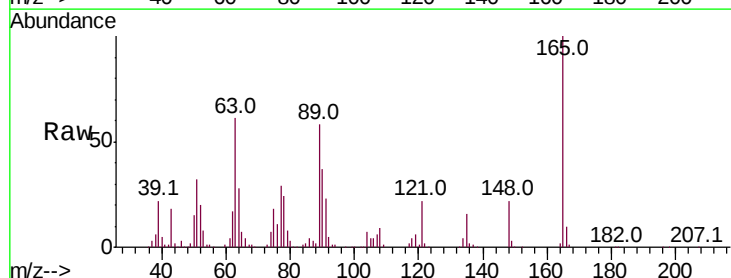
Tgt Ion:165 Resp: 192635

Ion Ratio Lower Upper

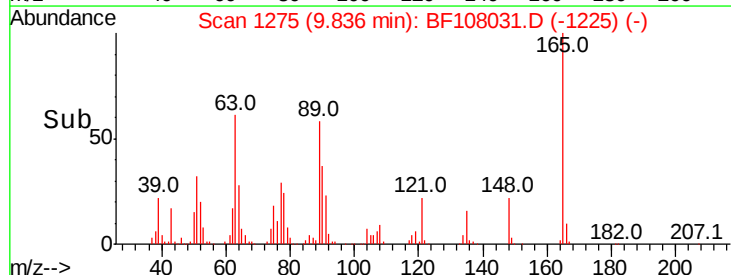
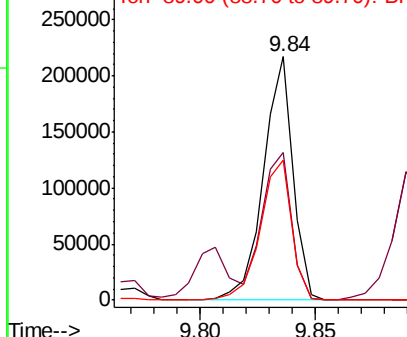
165 100

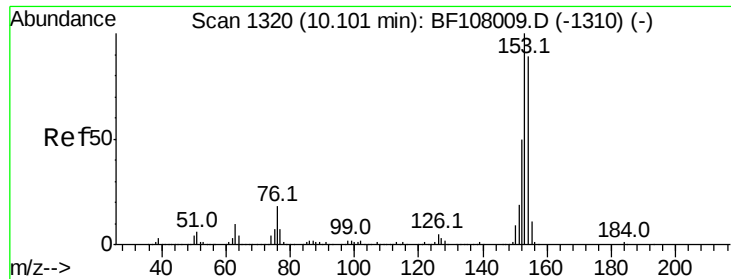
63 60.8 44.7 67.1

89 57.7 44.0 66.0



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





#51

Acenaphthene

Concen: 22.180 ng

RT: 10.10 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

ClientSampleId :

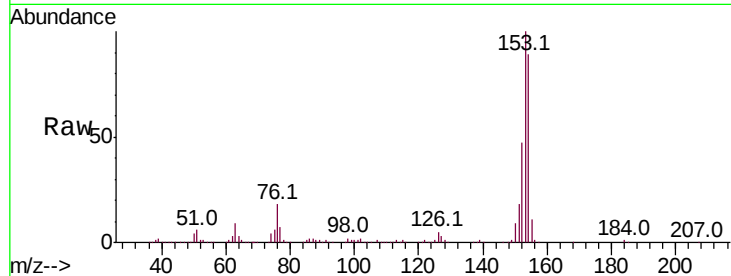
Tot Ion:154 Resp: 721375

Ion Ratio Lower Upper

154 100

153 111.9 91.2 136.8

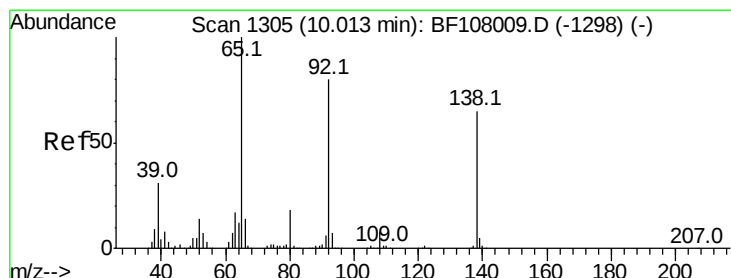
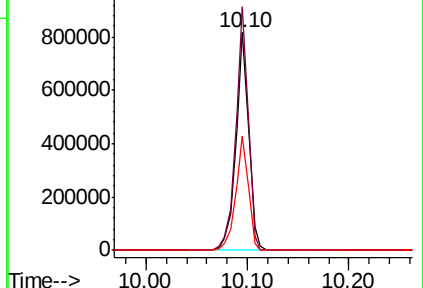
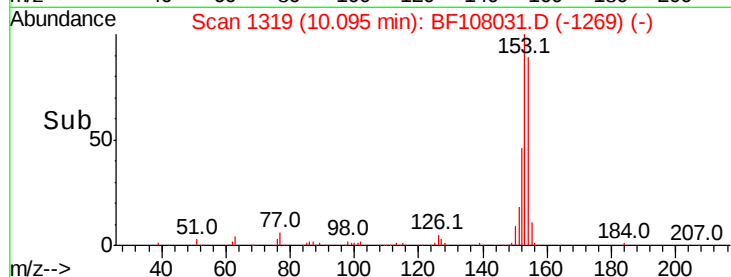
152 52.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.314 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

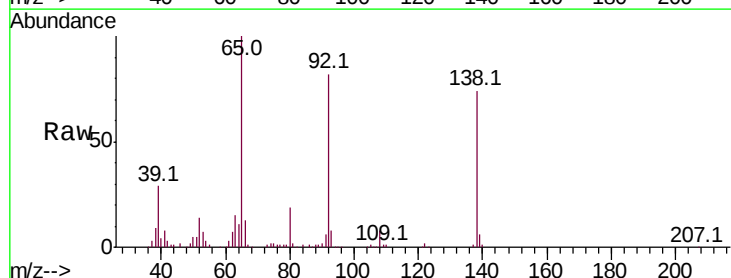
Tgt Ion:138 Resp: 149943

Ion Ratio Lower Upper

138 100

108 11.5 9.4 14.0

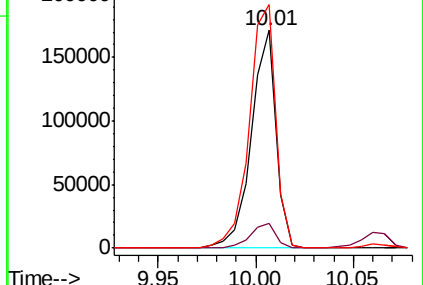
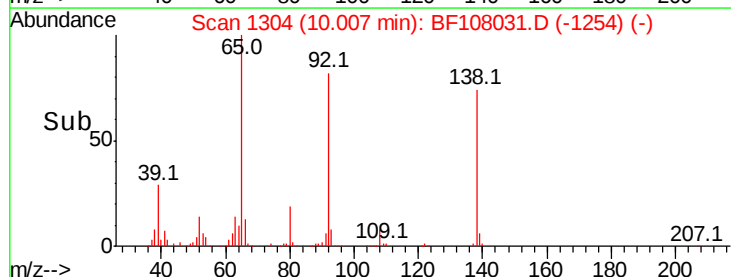
92 111.9 89.4 134.2

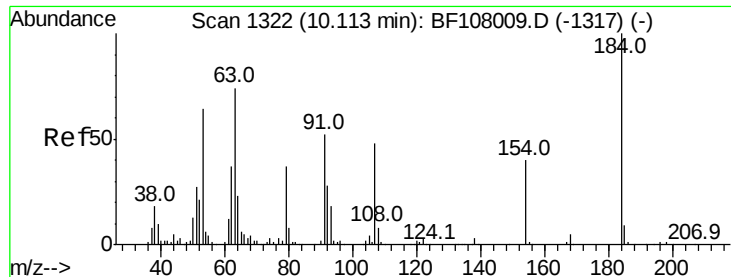


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

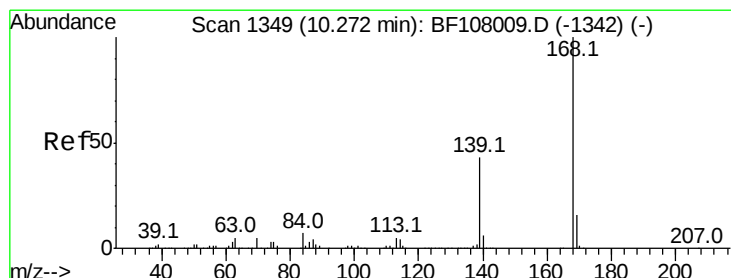
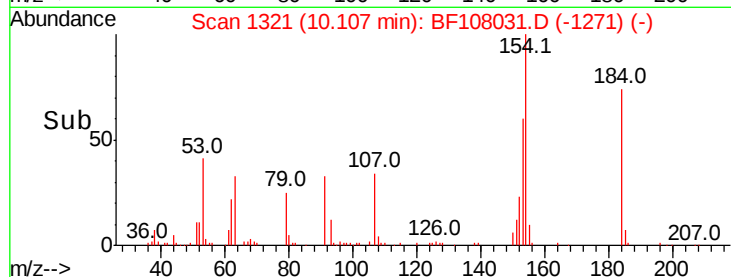
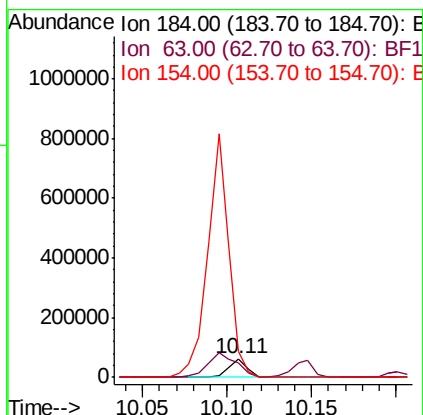
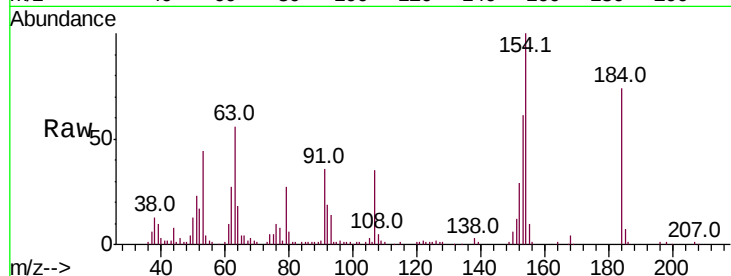




#53
 2,4-Dinitrophenol
 Concen: 21.072 ng
 RT: 10.11 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

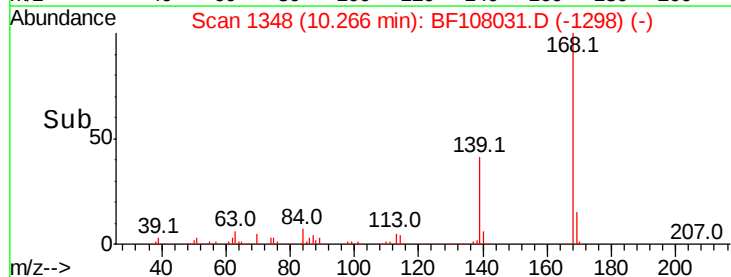
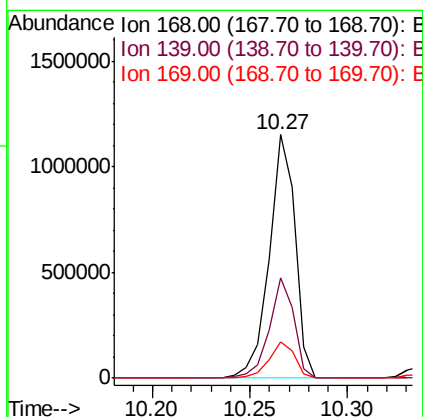
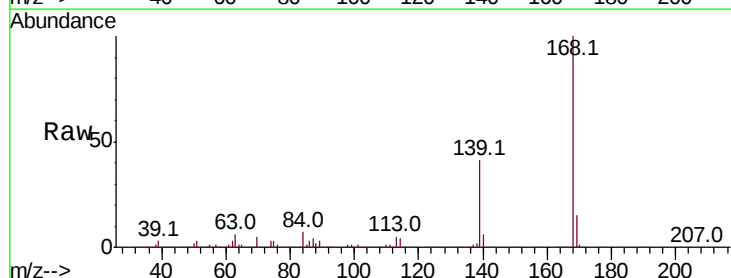
Instrument :
 BNA_F
 ClientSampled :

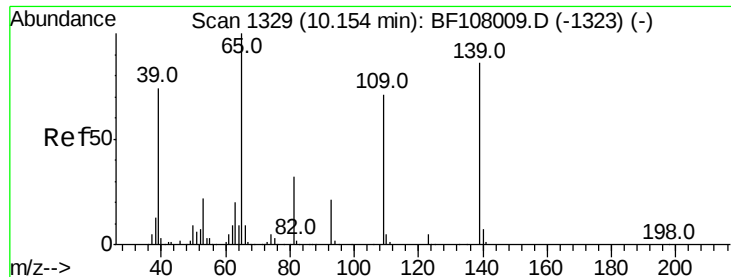
Tot Ion:184 Resp: 48424
 Ion Ratio Lower Upper
 184 100
 63 75.8 54.2 81.2
 154 136.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 22.364 ng
 RT: 10.27 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Tgt Ion:168 Resp: 1053794
 Ion Ratio Lower Upper
 168 100
 139 41.0 30.1 45.1
 169 15.0 10.9 16.3





#55

4-Nitrophenol

Concen: 21.306 ng

RT: 10.15 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

ClientSampleId :

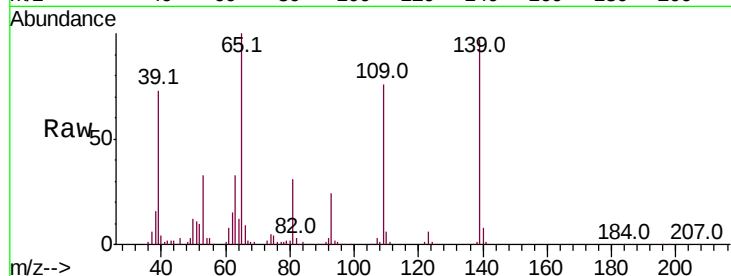
Tot Ion:139 Resp: 148289

Ion Ratio Lower Upper

139 100

109 78.6 48.4 88.4

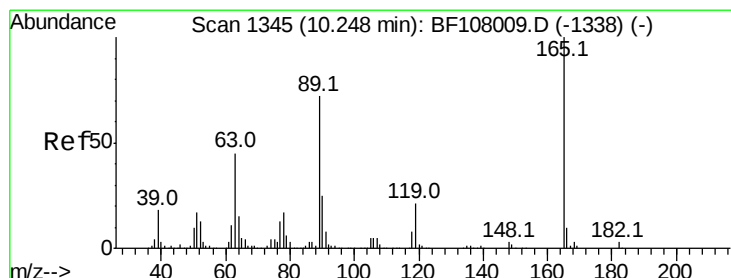
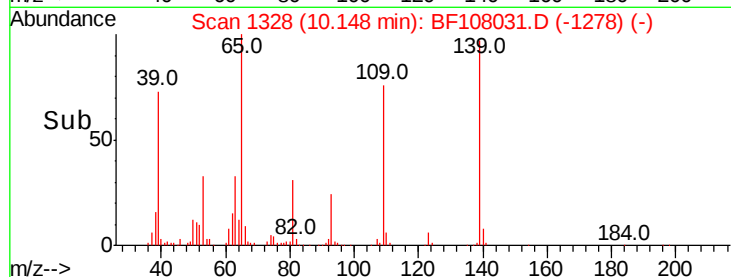
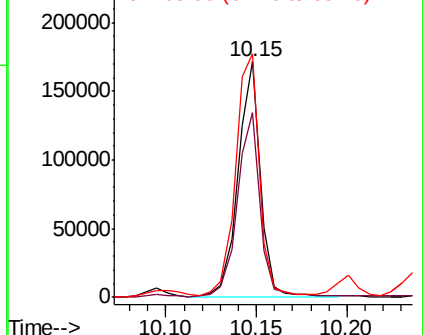
65 103.3 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 23.384 ng

RT: 10.24 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Tgt Ion:165 Resp: 252848

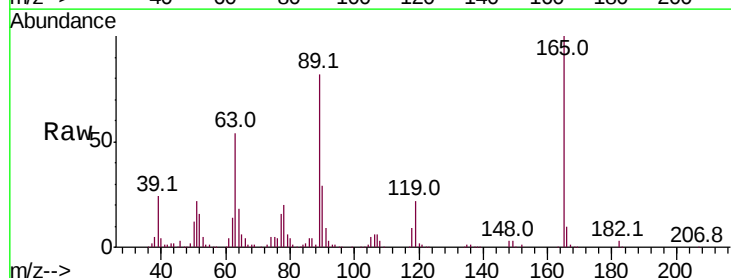
Ion Ratio Lower Upper

165 100

63 53.8 36.4 54.6

89 82.2 57.8 86.6

182 2.7 1.6 2.4#

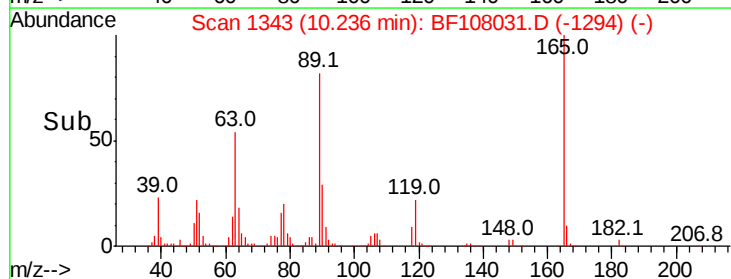
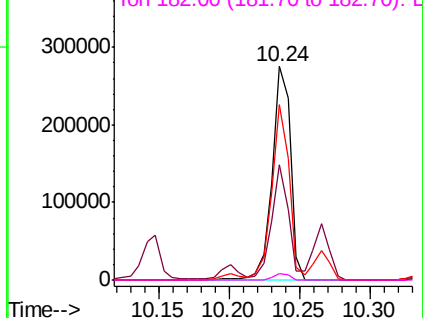


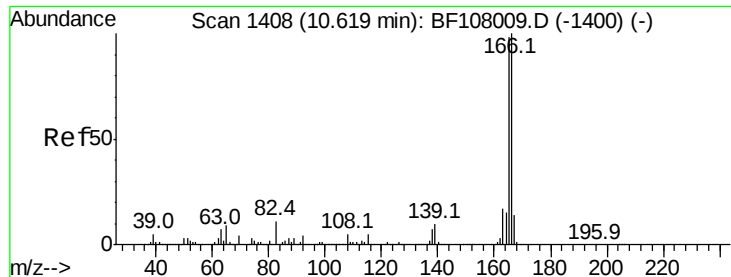
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 22.561 ng

RT: 10.61 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

ClientSampleId :

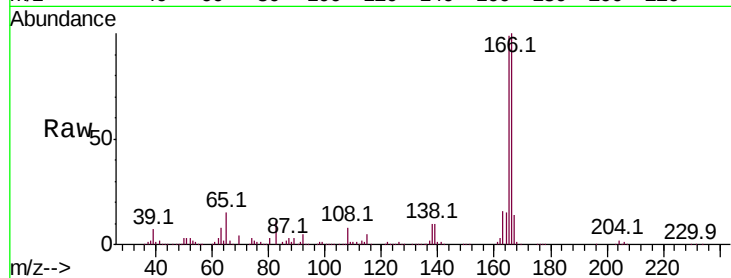
Tot Ion:166 Resp: 841572

Ion Ratio Lower Upper

166 100

165 98.8 79.8 119.8

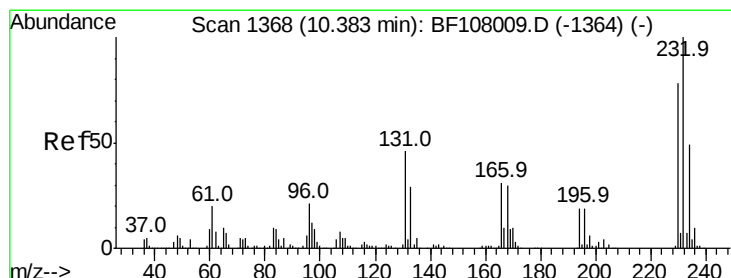
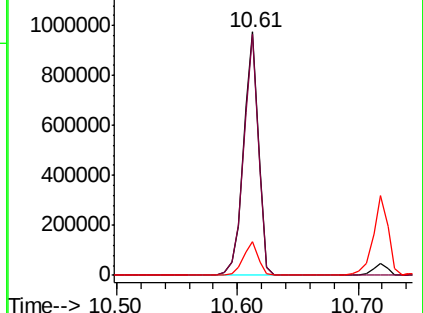
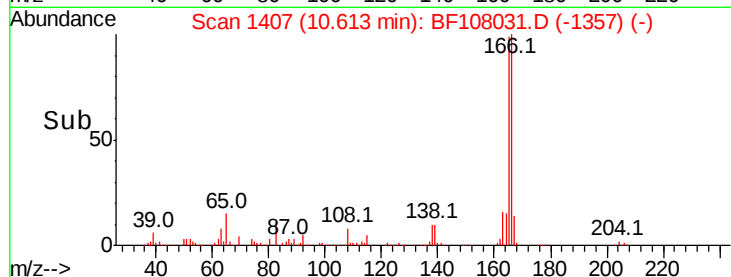
167 13.8 10.6 16.0



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: 22.397 ng

RT: 10.38 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Tgt Ion:232 Resp: 226350

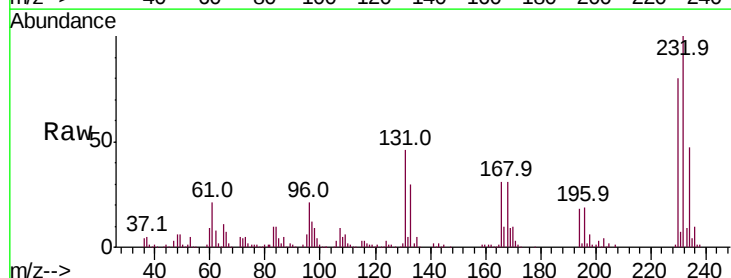
Ion Ratio Lower Upper

232 100

131 43.5 43.8 65.8#

130 2.3 2.1 3.1

166 29.2 27.8 41.6

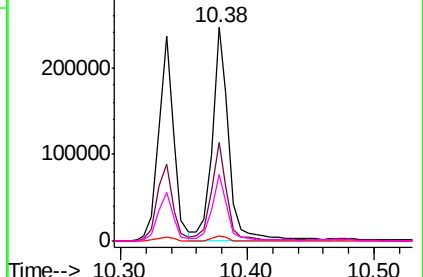
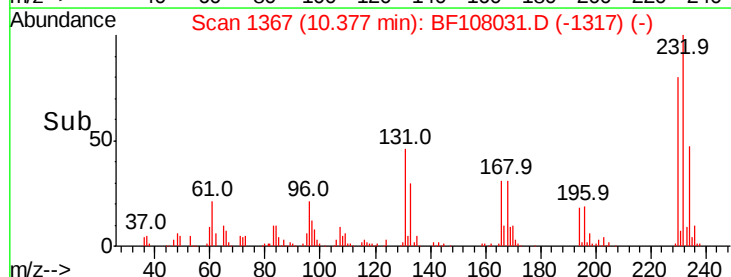


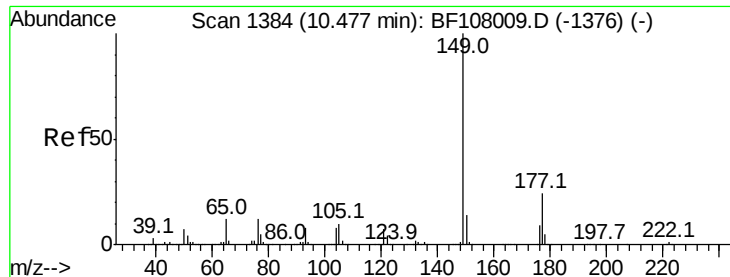
Abundance Ion 232.00 (231.70 to 232.70): E

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

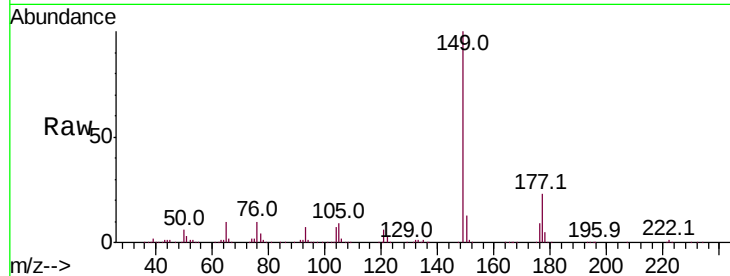




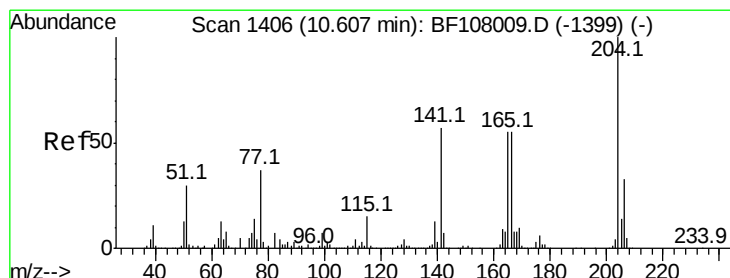
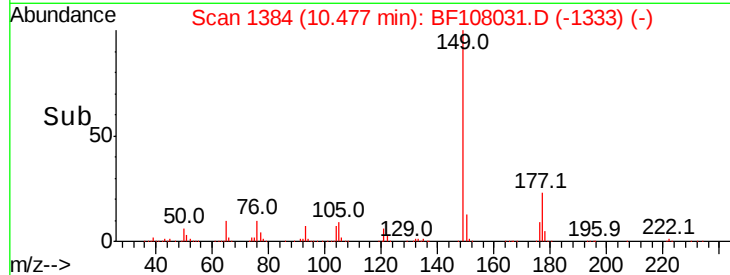
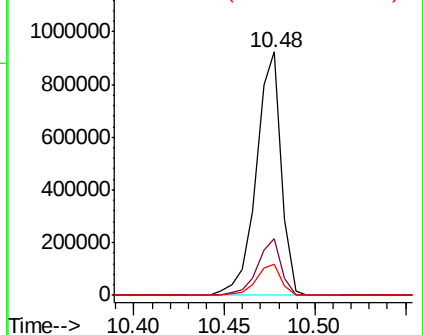
#59
Diethylphthalate
Concen: 22.729 ng
RT: 10.48 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 883690
Ion Ratio Lower Upper
149 100
177 23.2 16.1 24.1
150 12.7 10.1 15.1

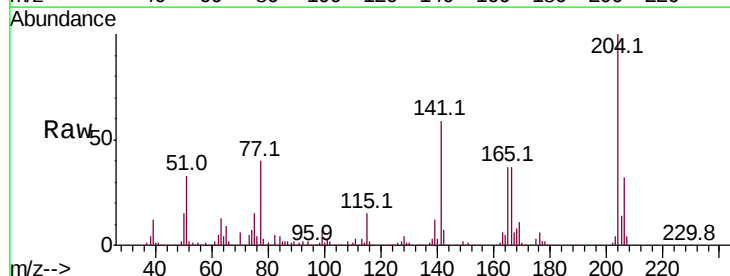


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

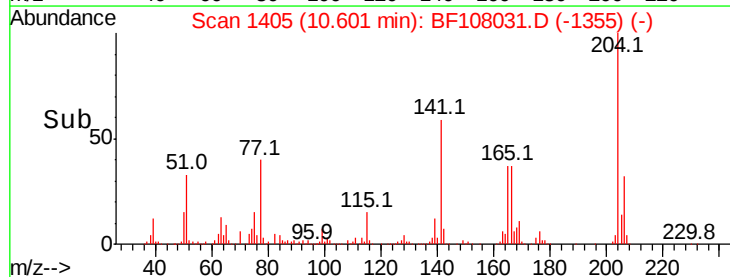
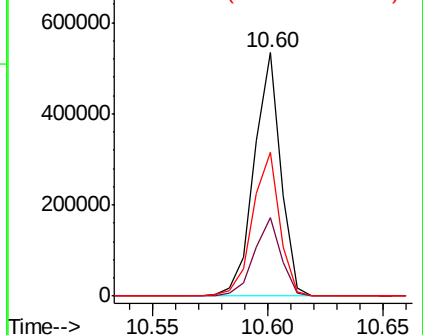


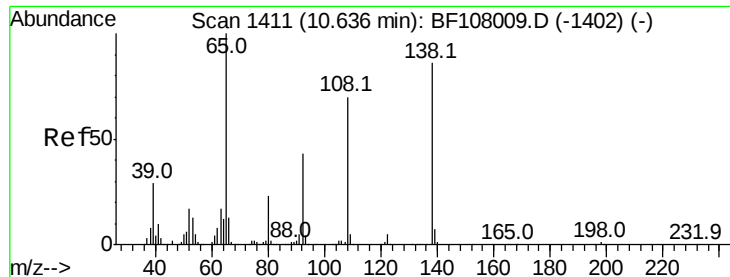
#60
4-Chlorophenyl-phenylether
Concen: 22.128 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Tgt Ion:204 Resp: 430094
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 59.1 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

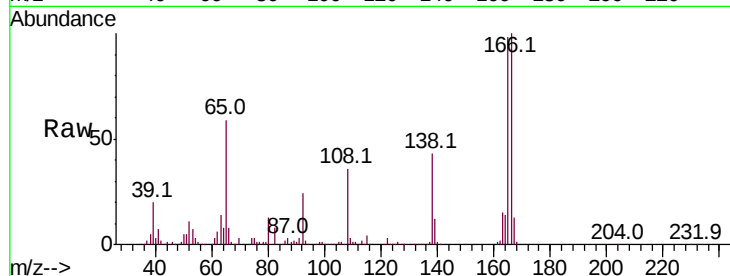




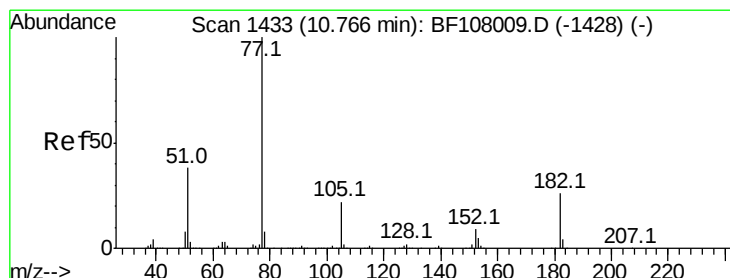
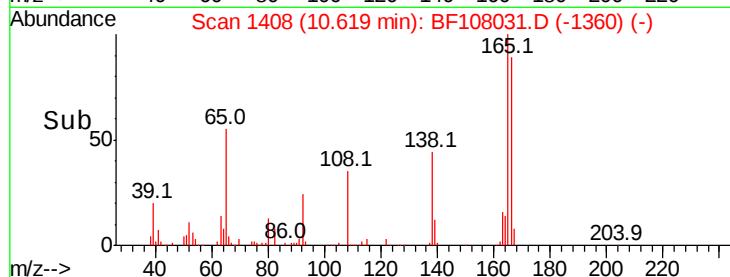
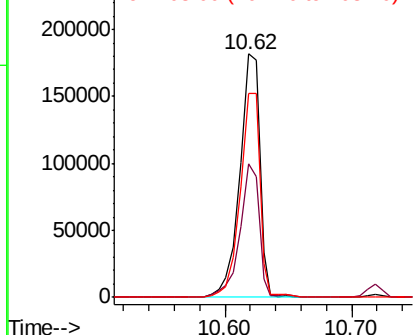
#61
4-Nitroaniline
Concen: 21.752 ng
RT: 10.62 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 197656
Ion Ratio Lower Upper
138 100
92 54.9 30.2 70.2
108 84.0 52.5 92.5

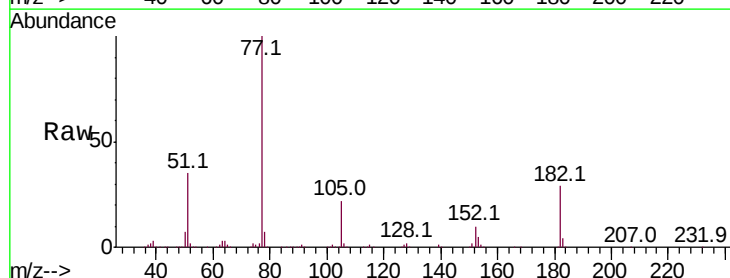


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

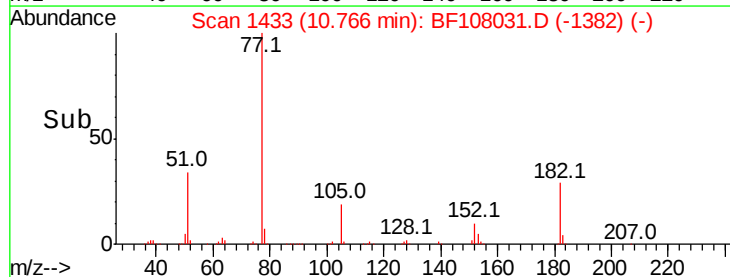
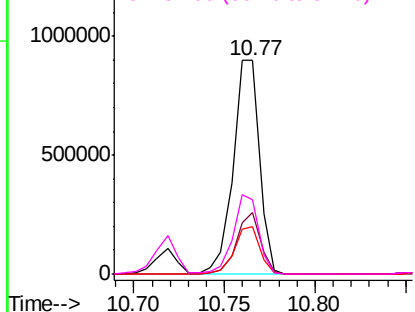


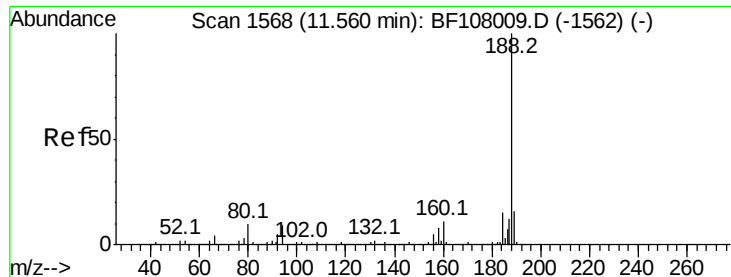
#62
Azobenzene
Concen: 22.658 ng
RT: 10.77 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Tgt Ion: 77 Resp: 909751
Ion Ratio Lower Upper
77 100
182 28.7 1.7 41.7
105 22.4 3.0 43.0
51 34.8 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

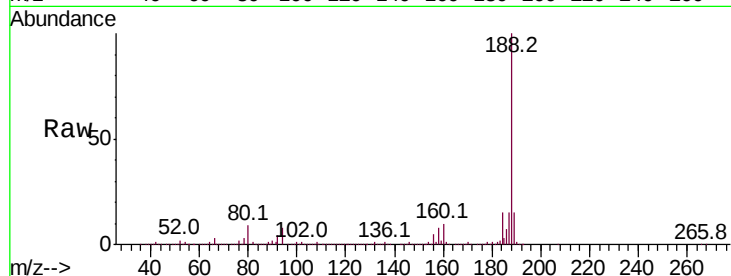




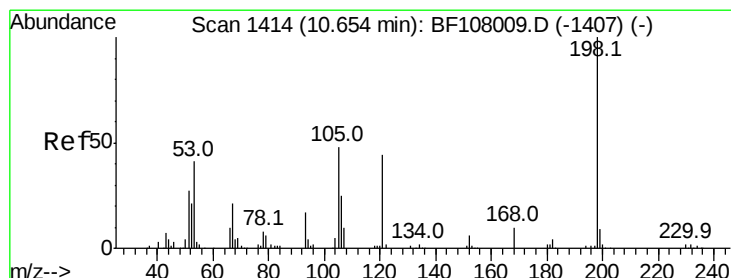
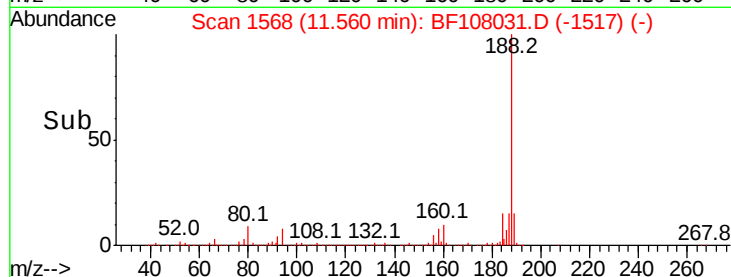
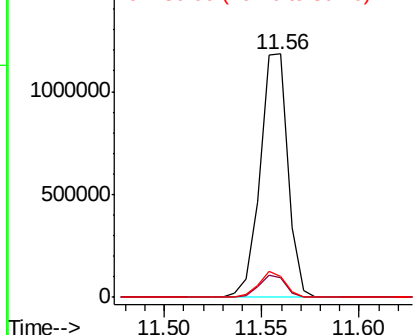
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 1168877
Ion Ratio Lower Upper
188 100
94 7.9 8.5 12.7#
80 8.7 9.2 13.8#

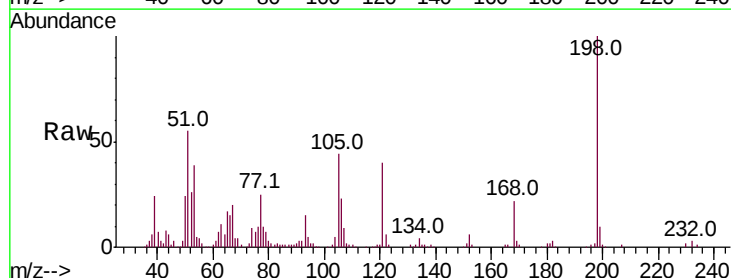


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

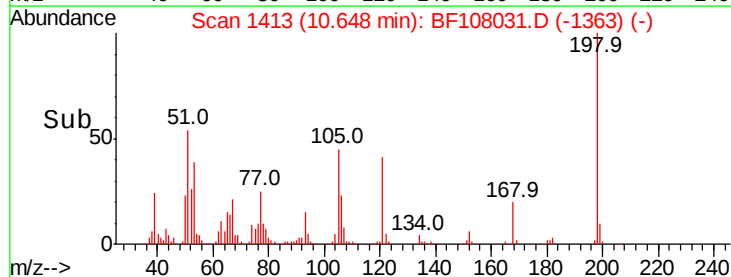
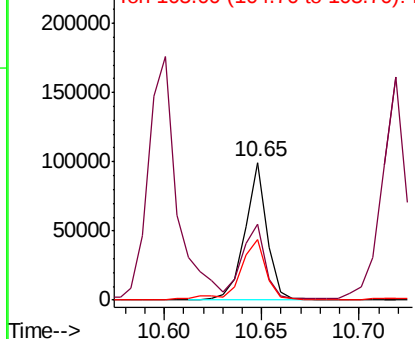


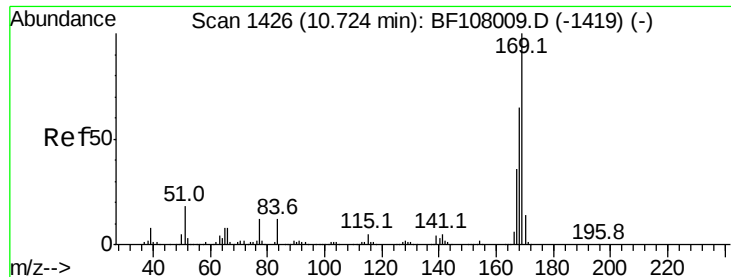
#64
4,6-Dinitro-2-methylphenol
Concen: 21.076 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Tgt Ion:198 Resp: 77640
Ion Ratio Lower Upper
198 100
51 54.8 37.7 77.7
105 44.5 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

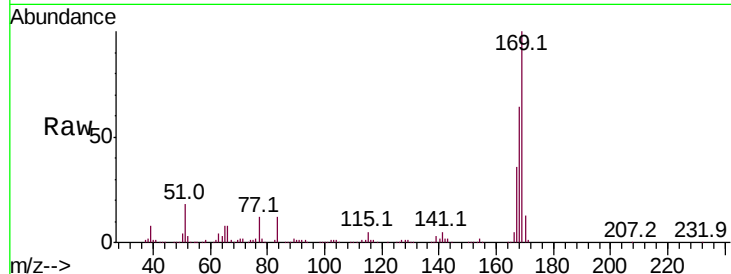




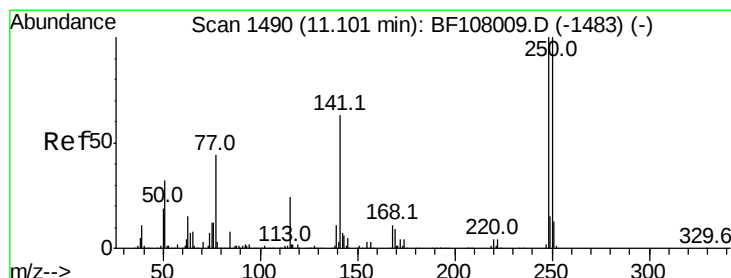
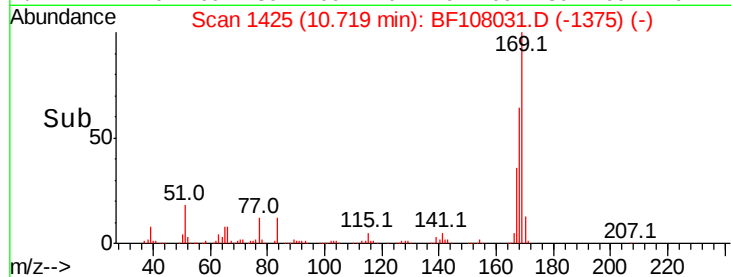
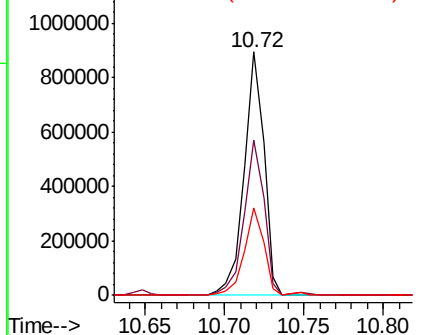
#65
n-Nitrosodiphenylamine
Concen: 22.455 ng
RT: 10.72 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	64.0	54.4	81.6
167	35.9	29.8	44.6

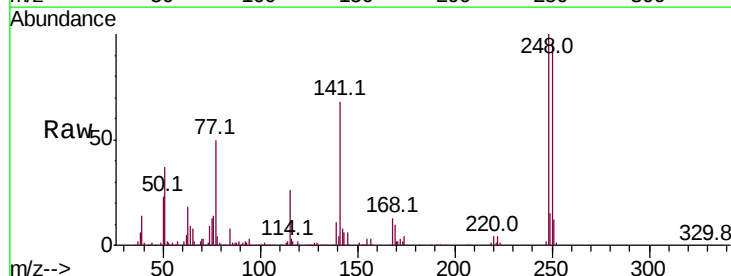


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

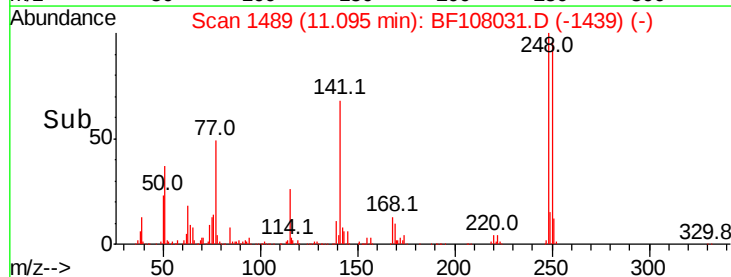
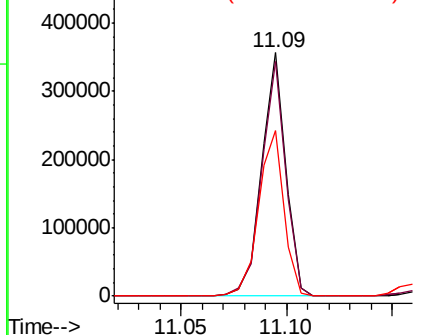


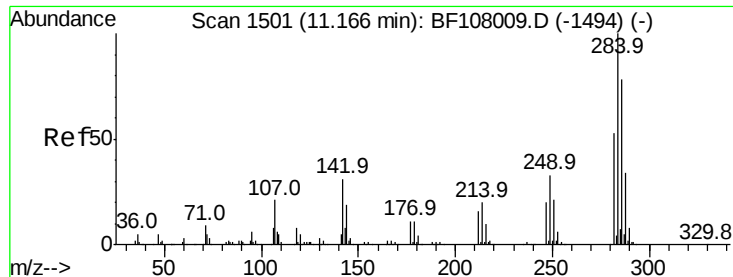
#66
4-Bromophenyl-phenylether
Concen: 22.320 ng
RT: 11.09 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.5	76.9	115.3
141	67.9	74.4	111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 22.210 ng

RT: 11.16 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

ClientSampleId :

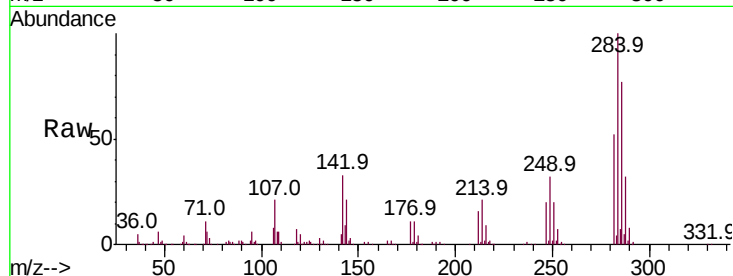
Tot Ion:284 Resp: 296845

Ion Ratio Lower Upper

284 100

142 33.3 34.6 52.0#

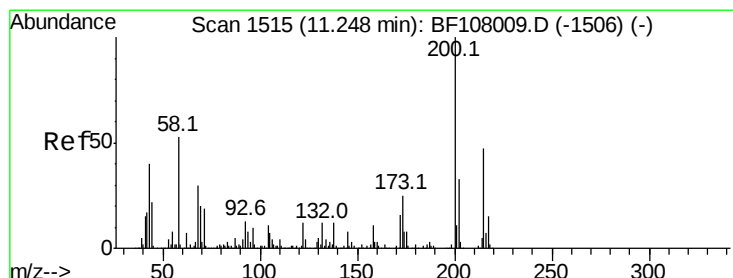
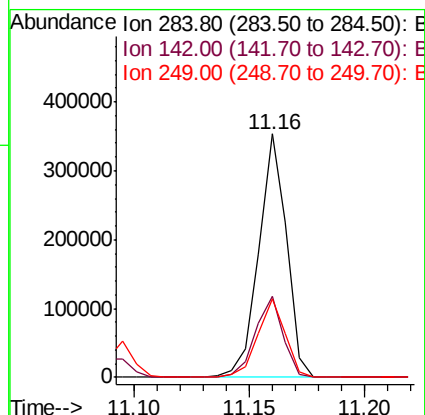
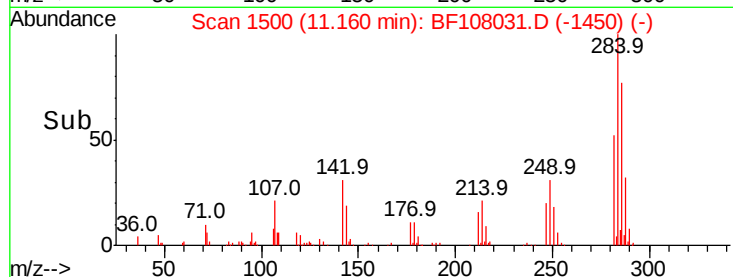
249 32.1 24.8 37.2



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: 22.625 ng

RT: 11.24 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

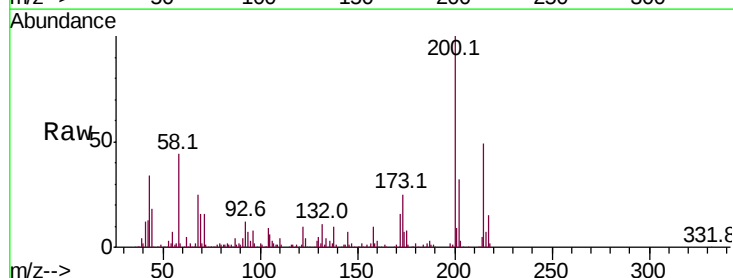
Tgt Ion:200 Resp: 262120

Ion Ratio Lower Upper

200 100

173 25.0 8.6 48.6

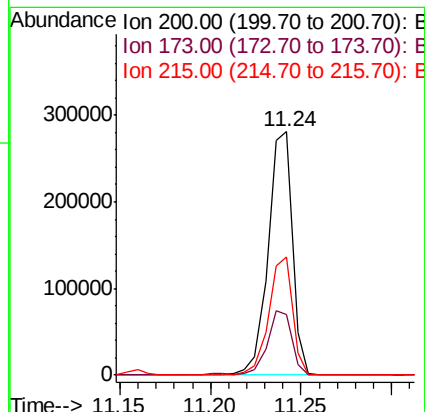
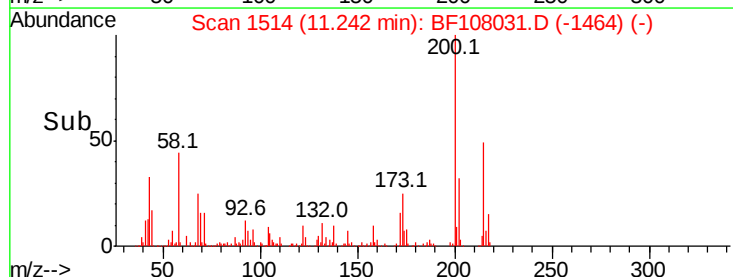
215 48.7 25.1 65.1



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

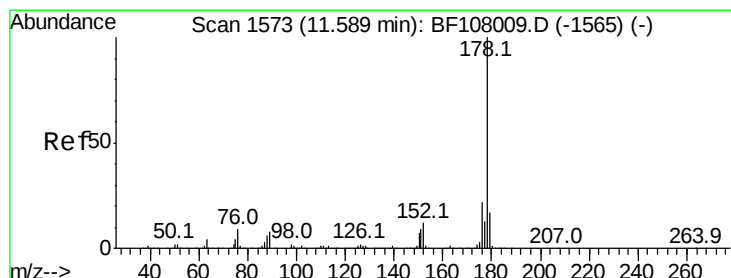
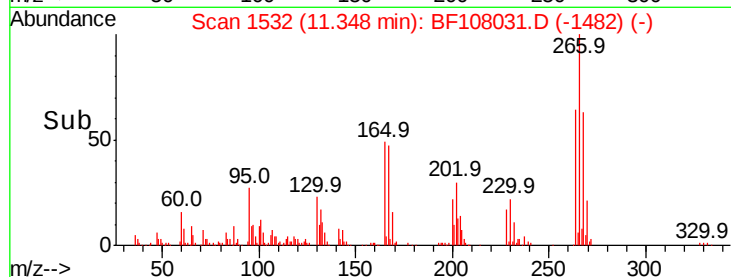
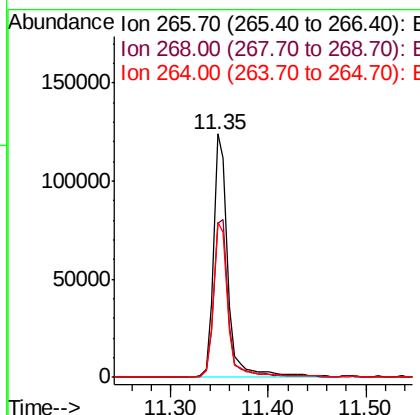
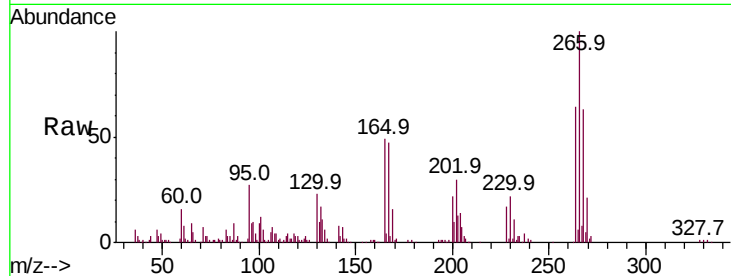




#69
 Pentachlorophenol
 Concen: 19.975 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

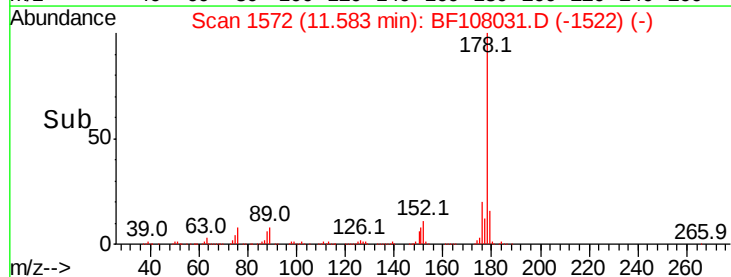
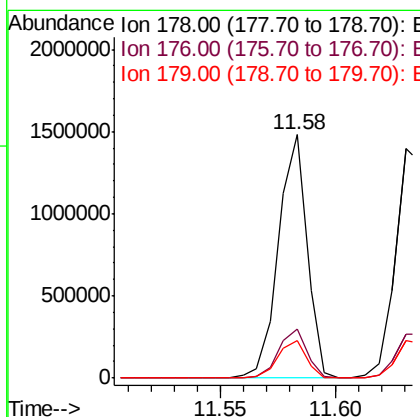
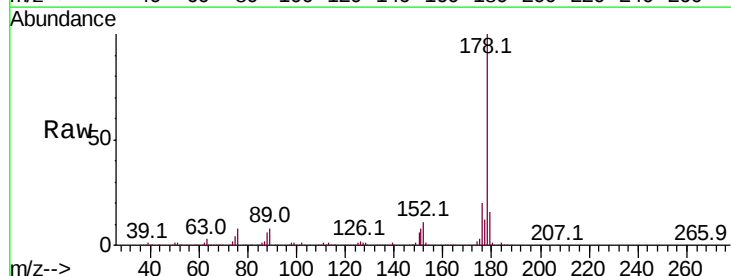
Instrument :
 BNA_F
 ClientSampleId :

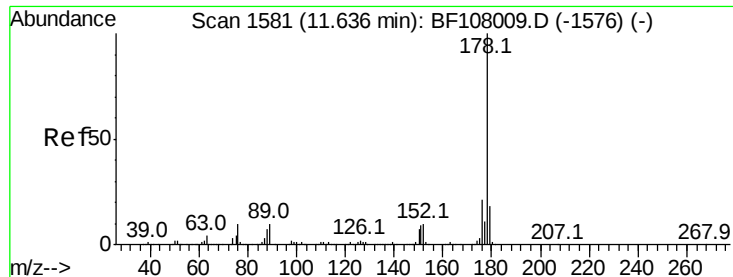
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.1	76.7
264	63.8	49.5	74.3



#70
 Phenanthrene
 Concen: 23.015 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.6	13.0	19.6

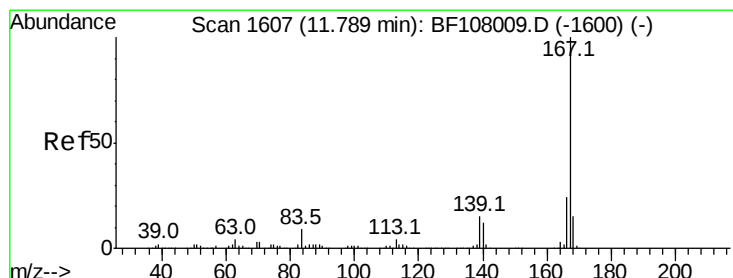
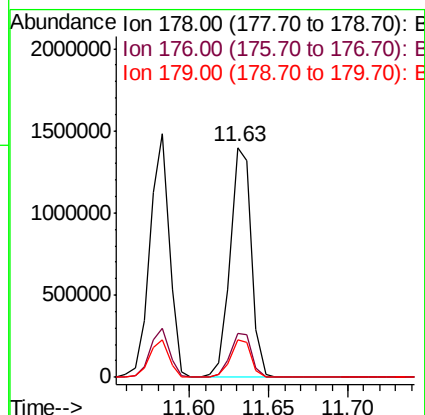
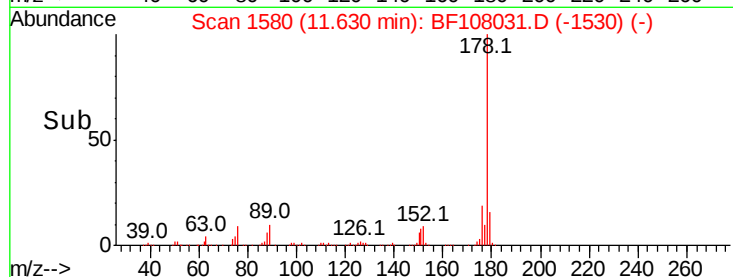
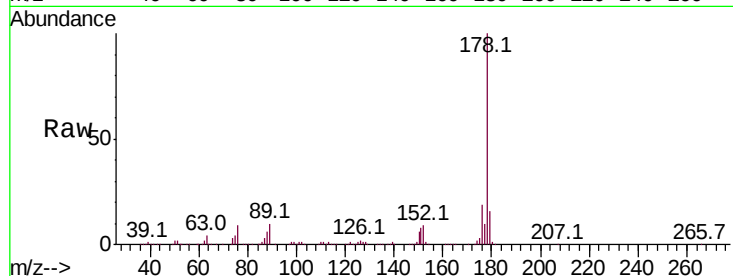




#71
 Anthracene
 Concen: 22.975 ng
 RT: 11.63 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

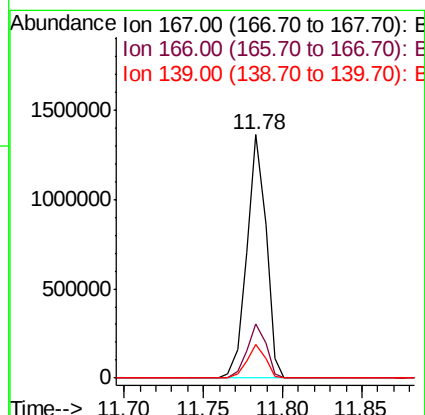
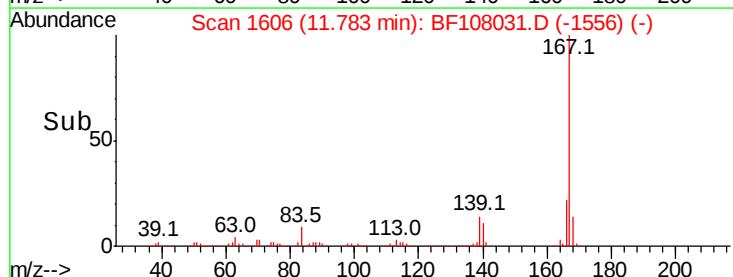
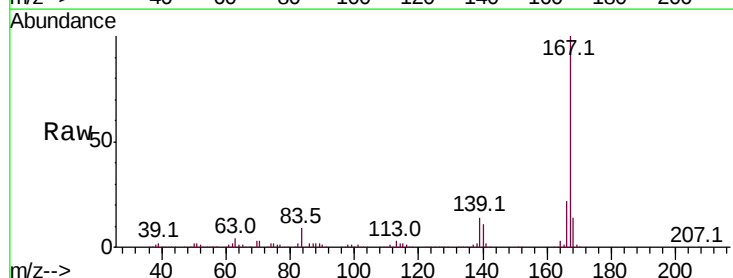
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1298224
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 16.4 12.6 19.0



#72
 Carbazole
 Concen: 22.782 ng
 RT: 11.78 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Tgt Ion:167 Resp: 1143729
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.7 10.9 16.3

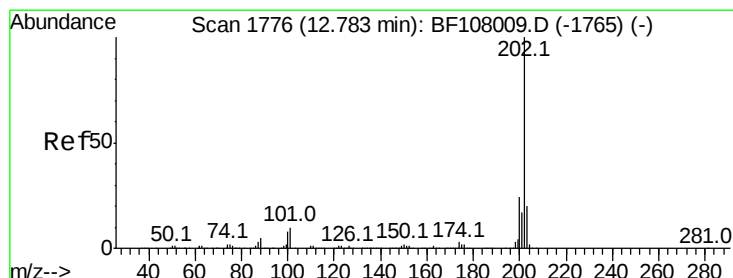
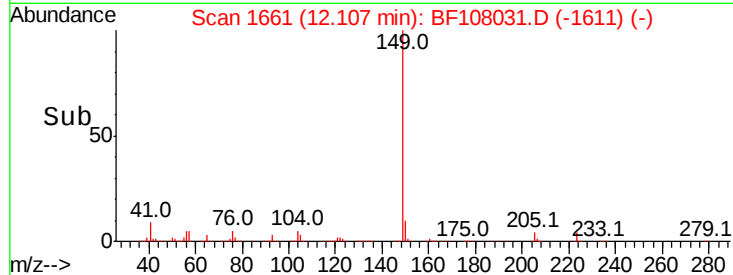
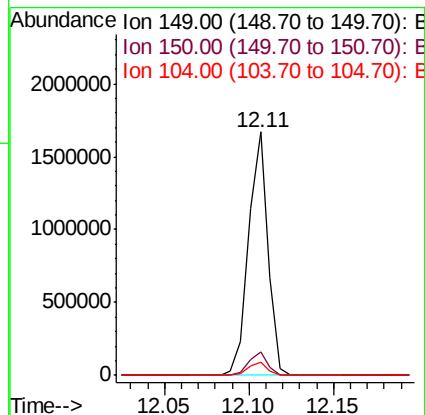
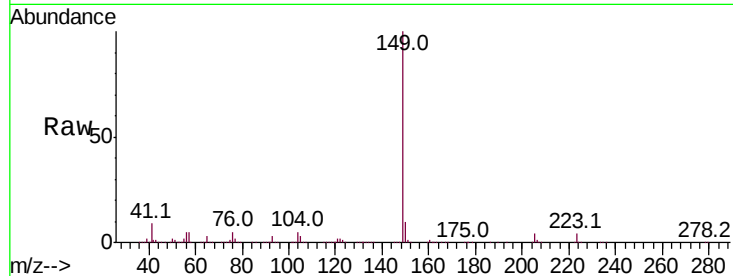




#73
Di-n-butylphthalate
Concen: 23.573 ng
RT: 12.11 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

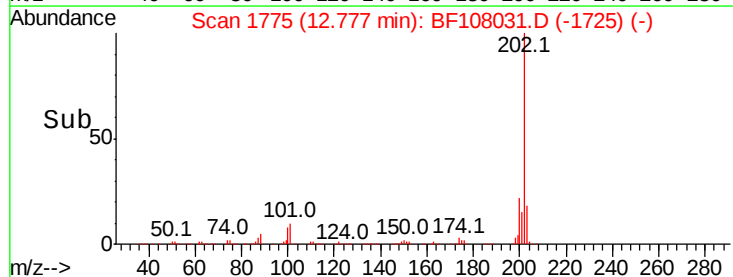
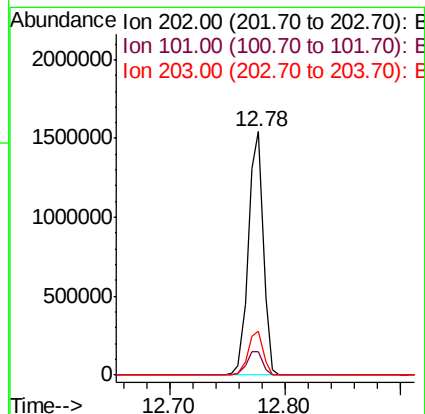
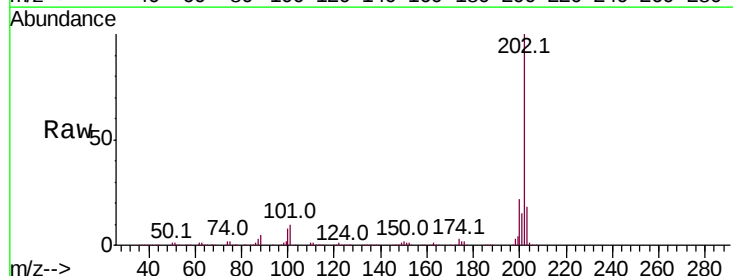
Instrument :
BNA_F
ClientSampleId :

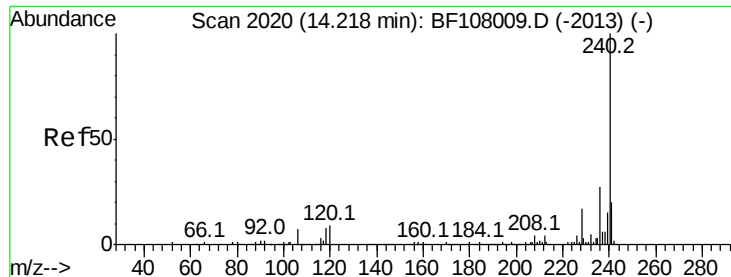
Tot Ion:149 Resp: 1340465
Ion Ratio Lower Upper
149 100
150 9.8 7.8 11.6
104 5.4 3.8 5.8



#74
Fluoranthene
Concen: 22.971 ng
RT: 12.78 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Tgt Ion:202 Resp: 1382180
Ion Ratio Lower Upper
202 100
101 9.8 0.0 34.1
203 18.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

ClientSampleId :

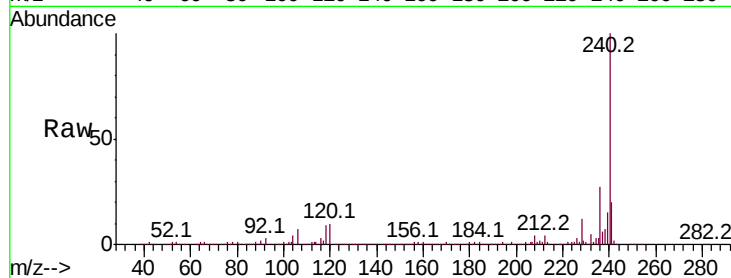
Tot Ion:240 Resp: 983371

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

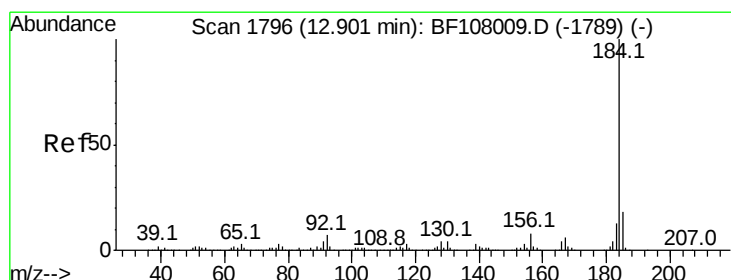
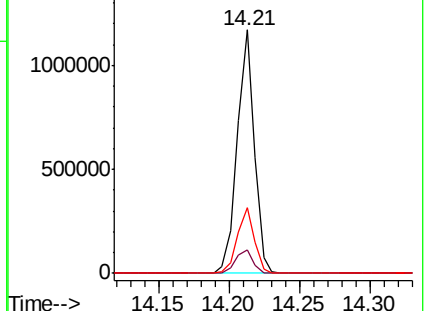
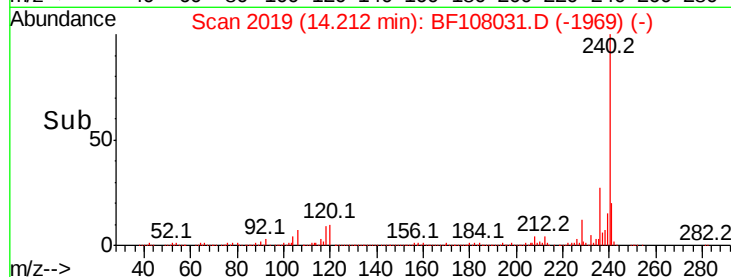
236 27.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 10.156 ng

RT: 12.89 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

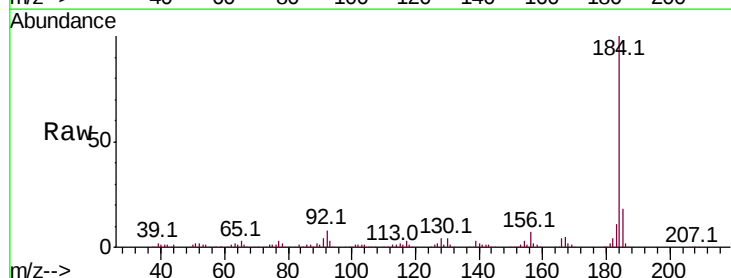
Tgt Ion:184 Resp: 373131

Ion Ratio Lower Upper

184 100

185 17.9 12.6 18.8

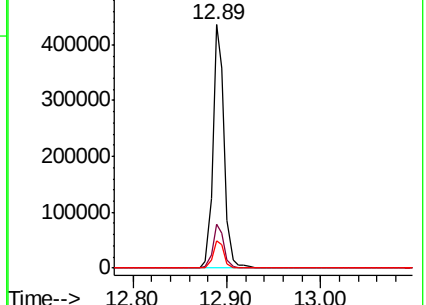
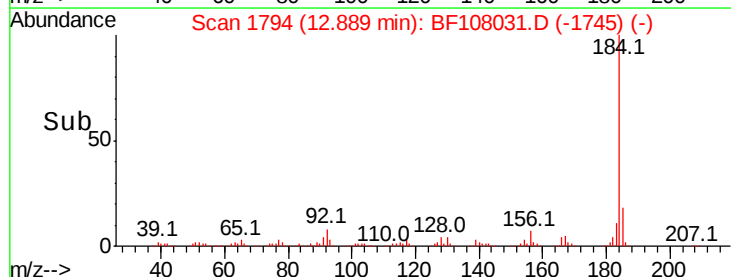
183 11.3 9.3 13.9



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

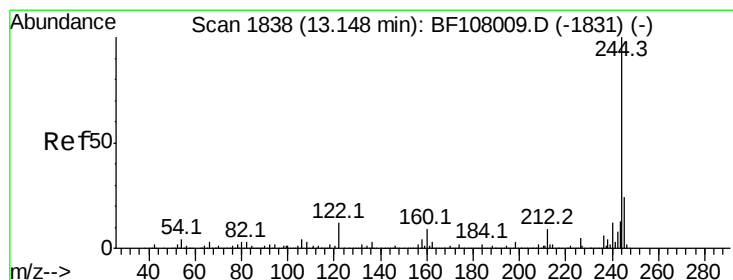
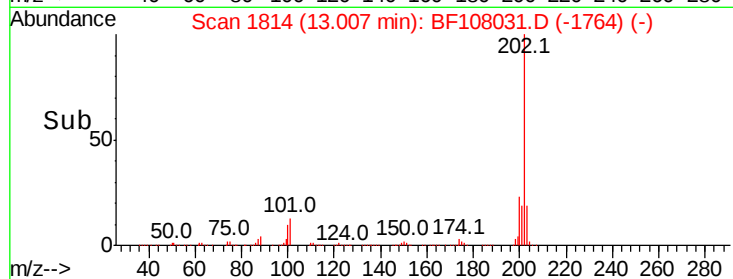
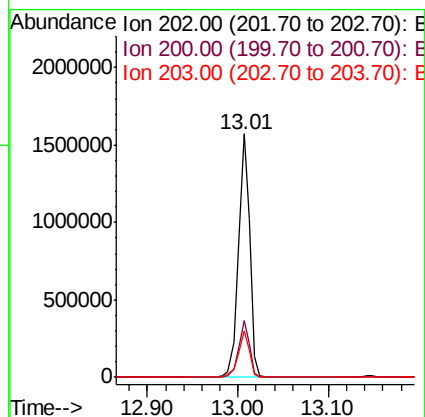
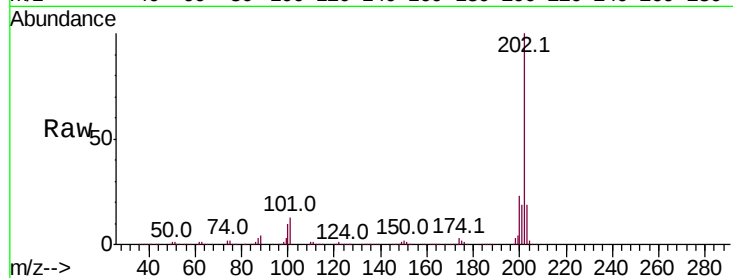




#77
Pvrene
Concen: 22.329 ng
RT: 13.01 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

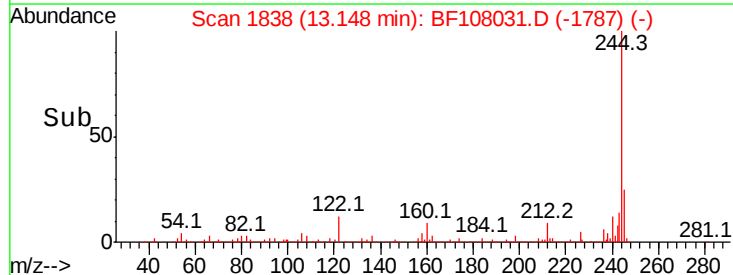
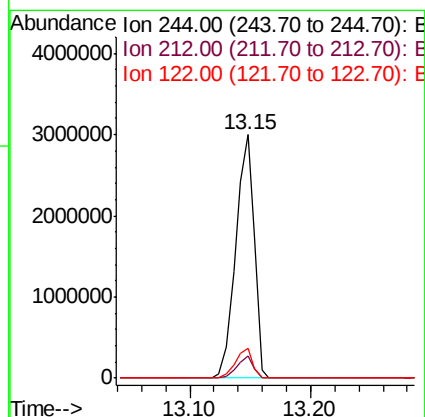
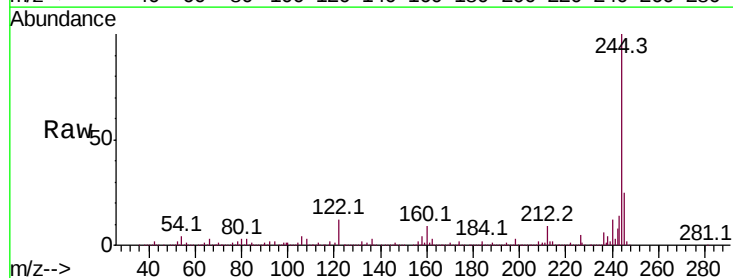
Instrument :
BNA_F
ClientSampleId :

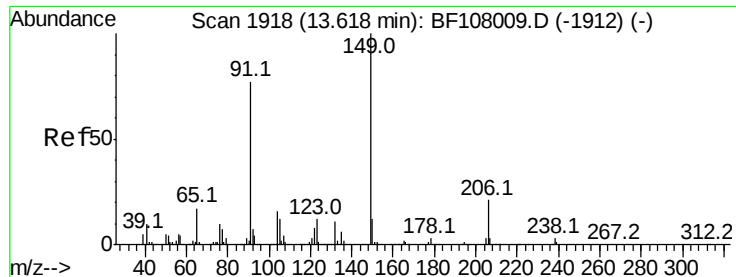
Tot Ion:202 Resp: 1390167
Ion Ratio Lower Upper
202 100
200 23.1 17.4 26.2
203 19.0 14.3 21.5



#78
Terphenyl-d14
Concen: 82.522 ng
RT: 13.15 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Tgt Ion:244 Resp: 3191641
Ion Ratio Lower Upper
244 100
212 9.0 5.4 8.0#
122 12.2 11.0 16.4





#79

Butylbenzylphthalate

Concen: 22.428 ng

RT: 13.62 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

ClientSampleId :

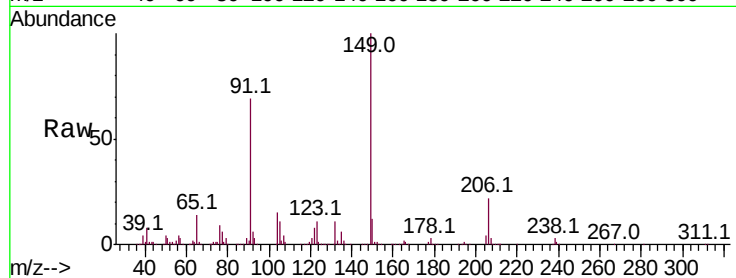
Tot Ion:149 Resp: 554459

Ion Ratio Lower Upper

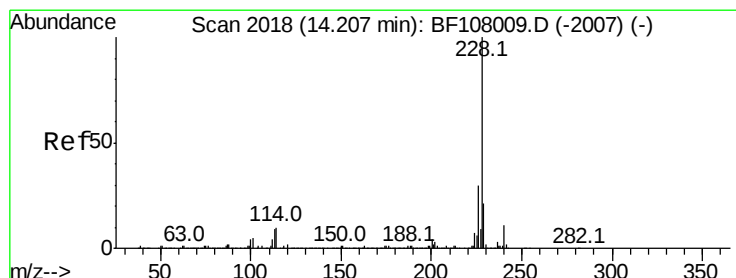
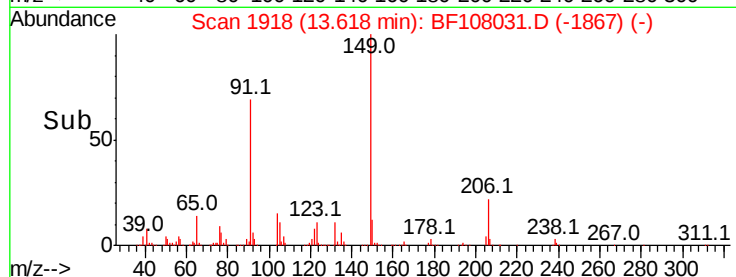
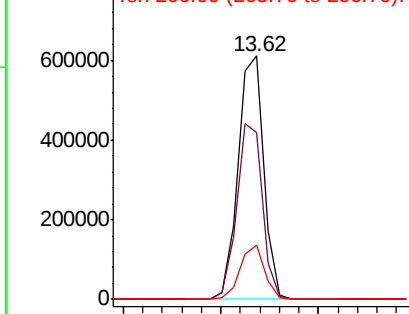
149 100

91 68.5 56.8 85.2

206 22.2 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: 22.176 ng

RT: 14.20 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

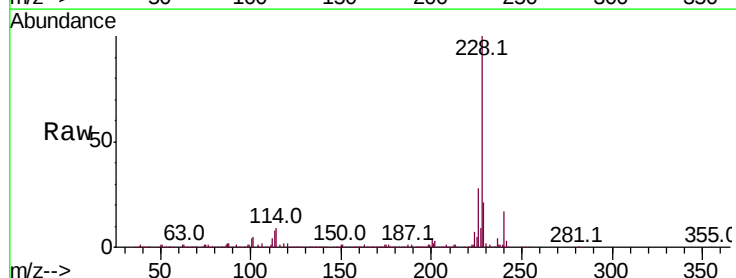
Tgt Ion:228 Resp: 1251515

Ion Ratio Lower Upper

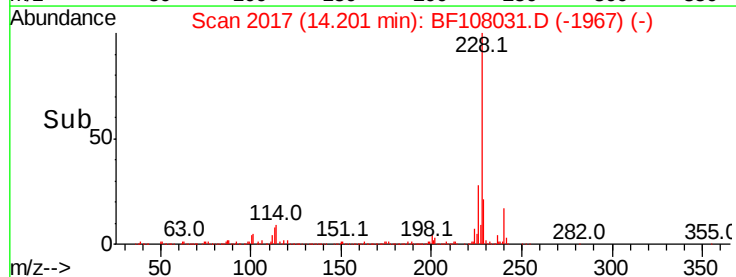
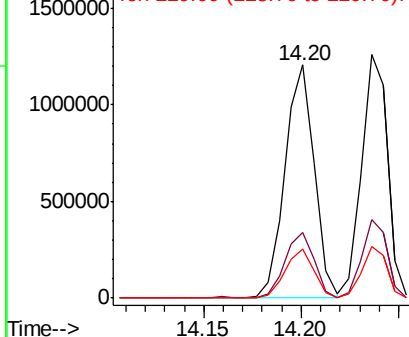
228 100

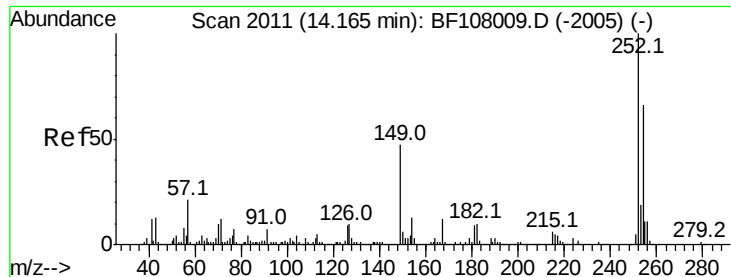
226 28.4 22.6 33.8

229 20.9 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

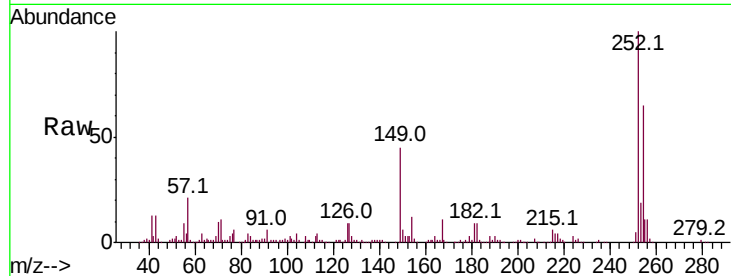




#81
 3,3'-Dichlorobenzidine
 Concen: 13.320 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.4	75.6
126	9.3	11.3	16.9#

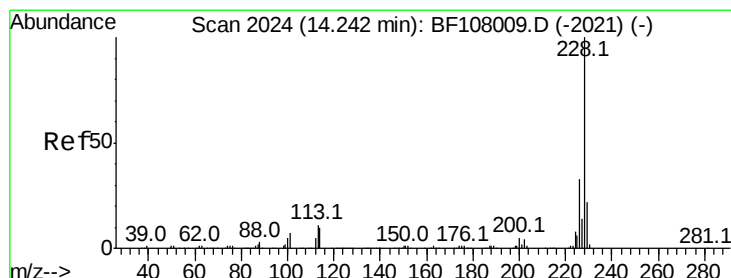
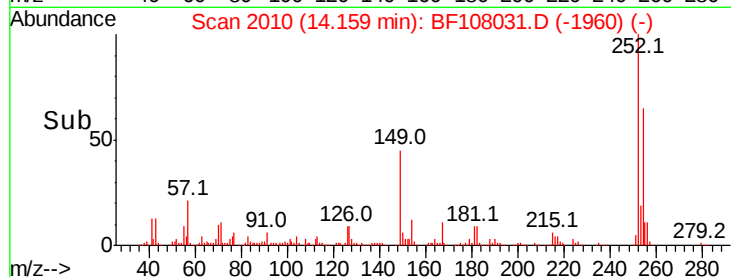
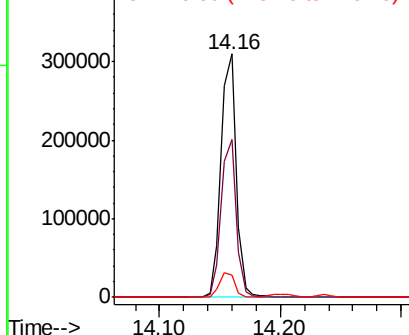


Abundance

Ion 252.00 (251.70 to 252.70): E

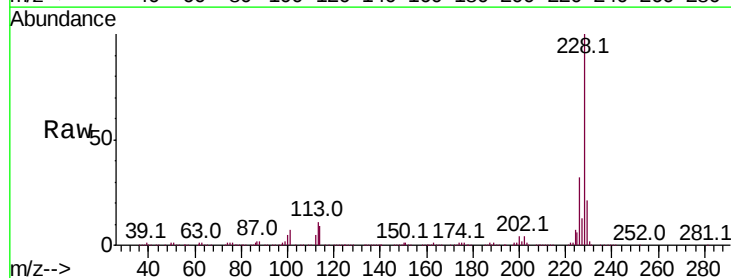
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 22.493 ng
 RT: 14.24 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.0	37.6
229	21.1	16.2	24.4

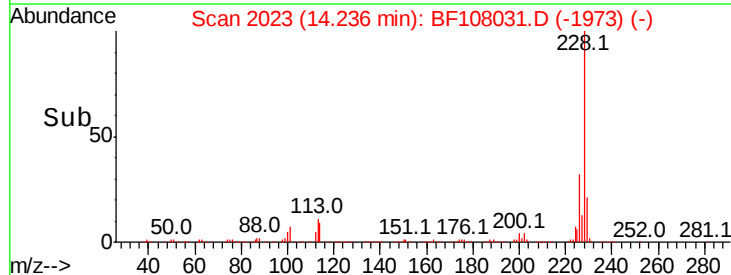
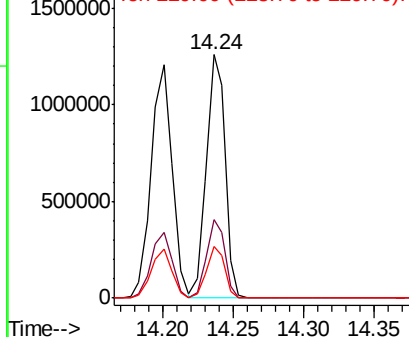


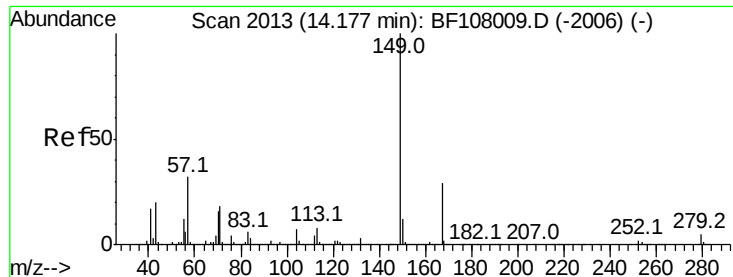
Abundance

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: 23.125 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

ClientSampleId :

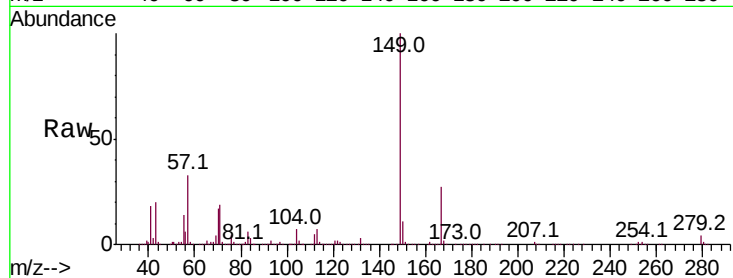
Tot Ion:149 Resp: 774182

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	4.4	3.0	4.4

149 100

167 27.2 21.3 31.9

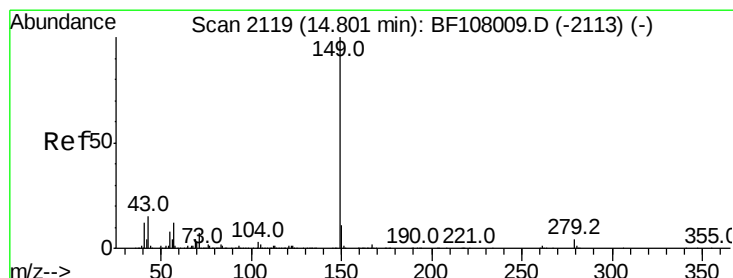
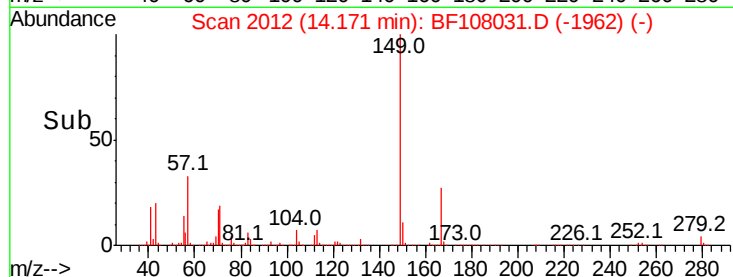
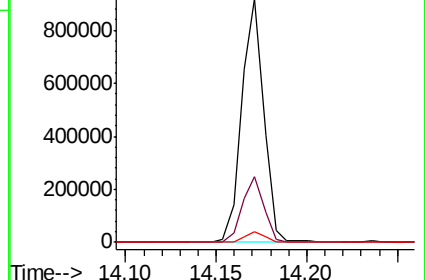
279 4.4 3.0 4.4



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: 23.349 ng

RT: 14.79 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

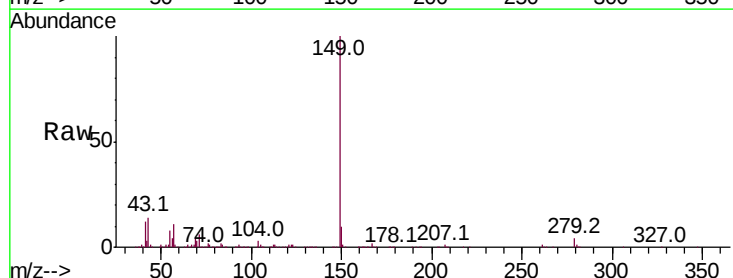
Tgt Ion:149 Resp: 1192118

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	13.0	8.4	12.6

149 100

167 1.6 1.2 1.8

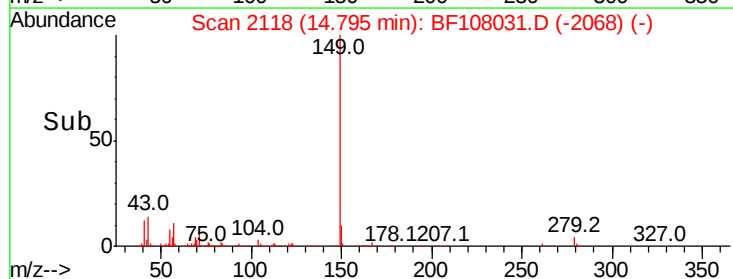
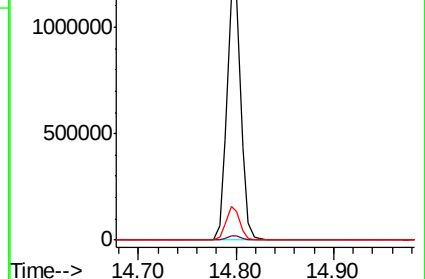
43 13.0 8.4 12.6#

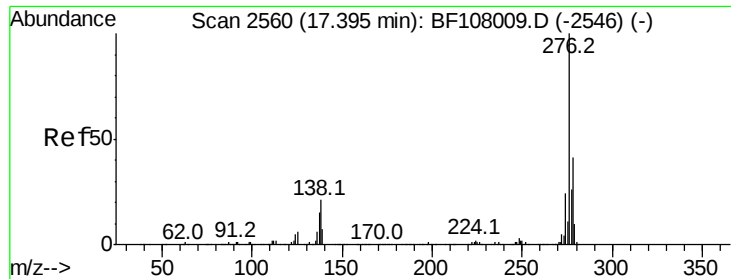


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

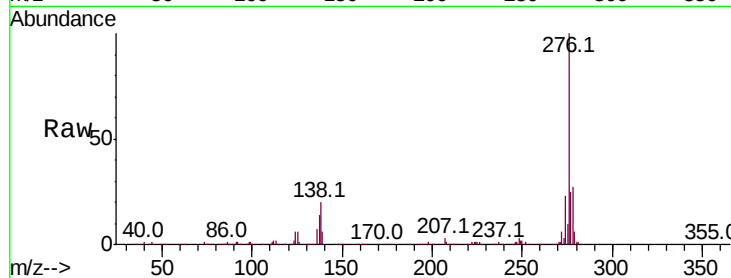




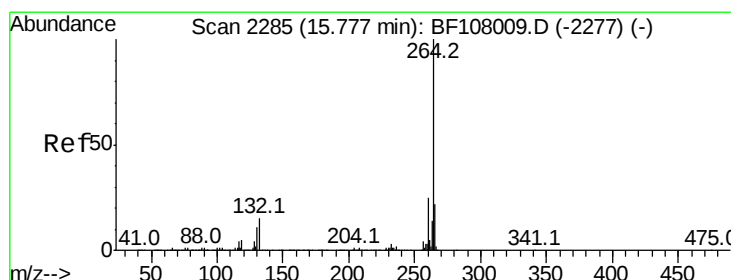
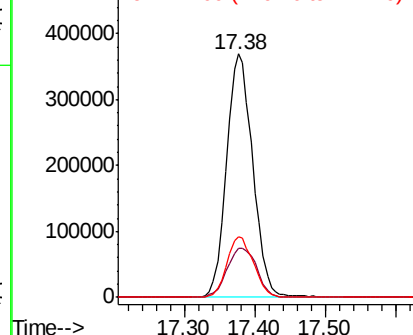
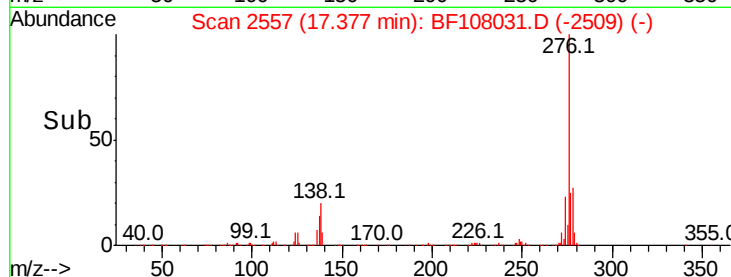
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 21.182 ng
 RT: 17.38 min Scan# 2557
 Delta R.T. -0.02 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.1	25.0	37.6#
277	25.3	20.1	30.1

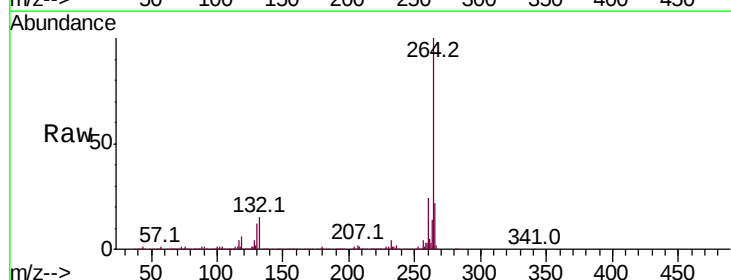


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

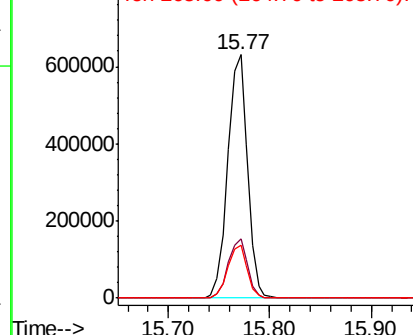
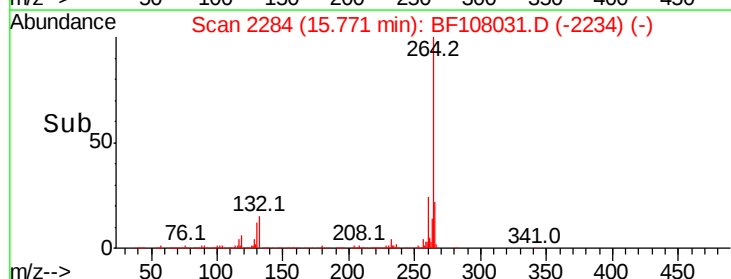


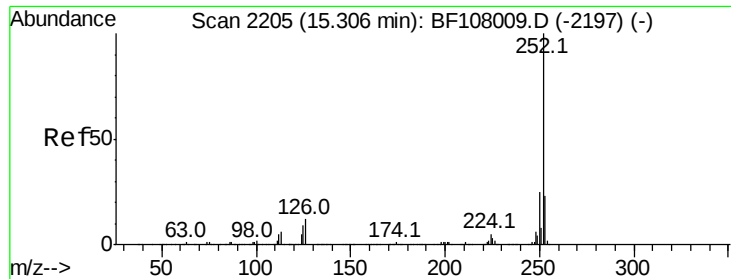
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.77 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.7	17.5	26.3



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





#87

Benzo(b)fluoranthene

Concen: 21.227 ng

RT: 15.30 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

ClientSampleId :

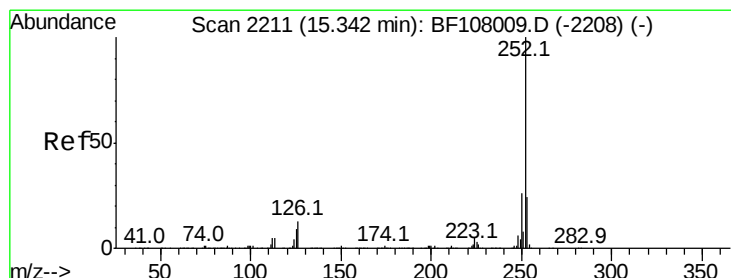
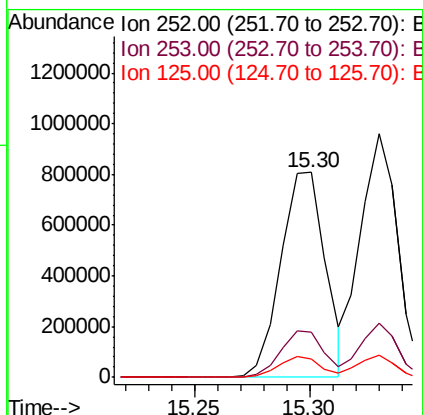
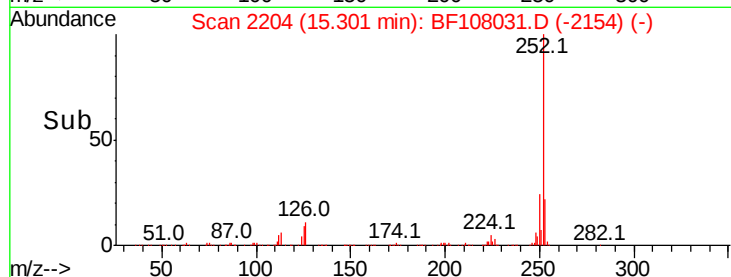
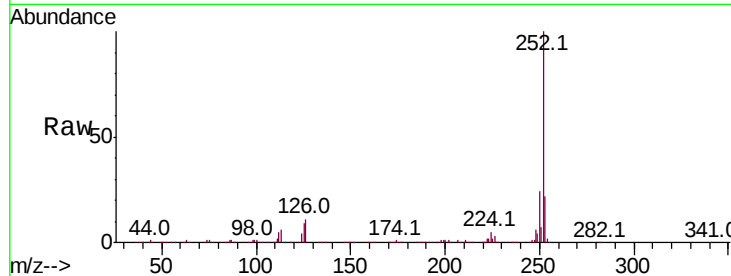
Tot Ion:252 Resp: 1082806

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

125 8.9 9.0 13.6#



#88

Benzo(k)fluoranthene

Concen: 23.002 ng

RT: 15.33 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

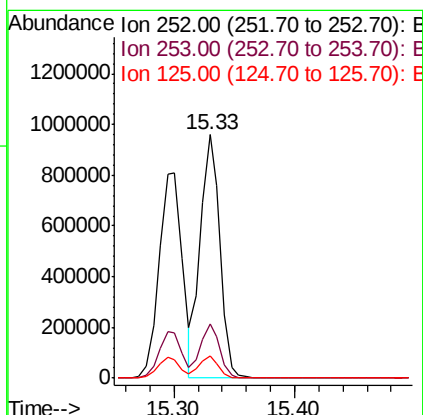
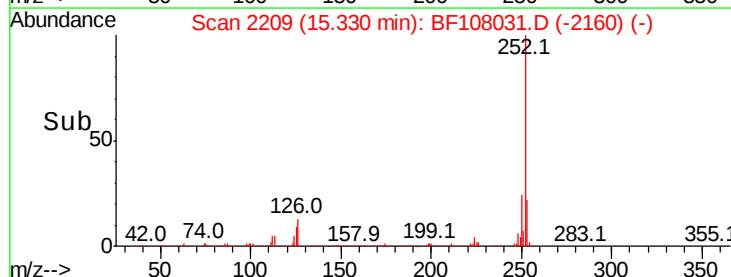
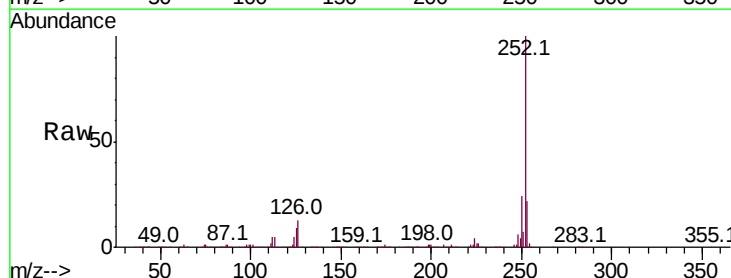
Tgt Ion:252 Resp: 1078570

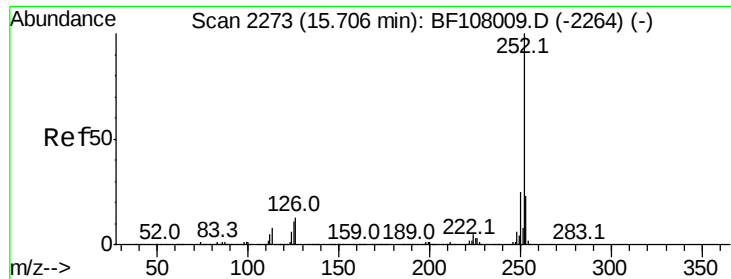
Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

125 8.9 10.2 15.2#

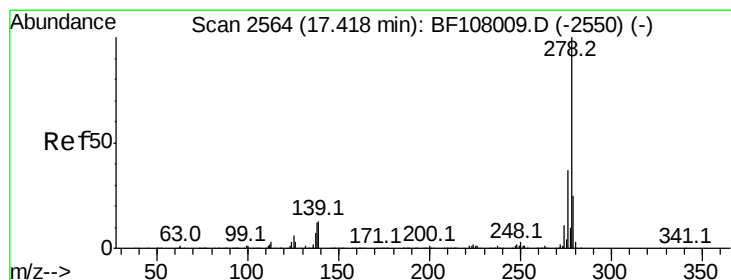
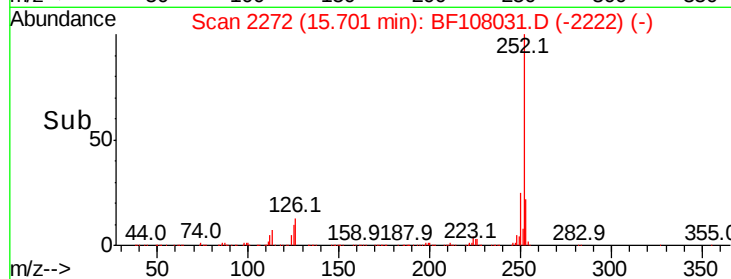
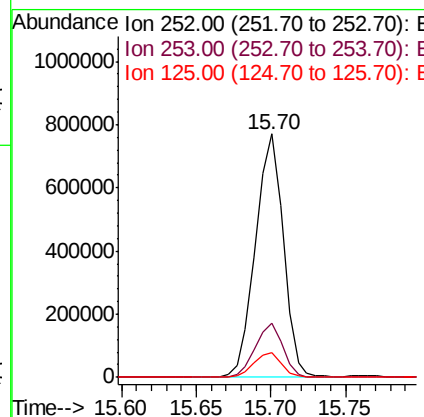
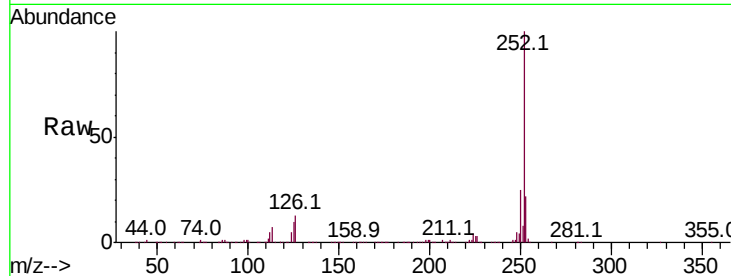




#89
Benzo(a)pyrene
Concen: 21.741 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

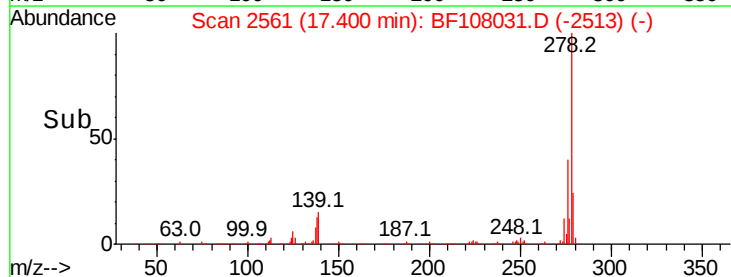
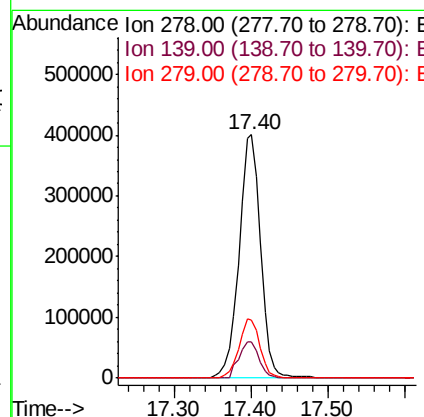
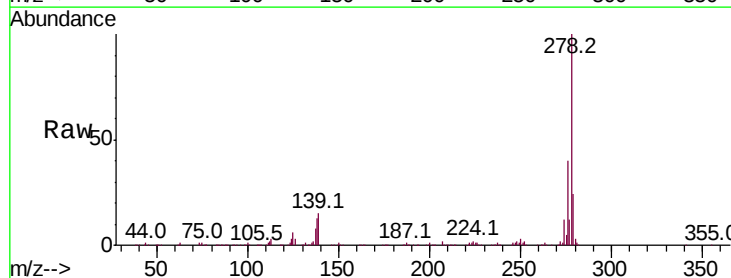
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	10.1	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 20.783 ng
RT: 17.40 min Scan# 2561
Delta R.T. -0.02 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	15.9	23.9#
279	24.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 20.796 ng
 RT: 17.87 min Scan# 2641
 Delta R.T. -0.02 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	19.5	21.8	32.8

