

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108415.D
 Acq On : 23 Aug 2018 7:35
 Operator : JU/SJ
 Sample : PB112196BSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 23 08:01:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	158912	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	582203	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	280193	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	485175	20.00	ng	0.00
75) Chrysene-d12	14.19	240	311857	20.00	ng	0.00
86) Perylene-d12	15.75	264	262273	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	820440	93.47	ng	0.00
7) Phenol-d6	6.63	99	1115682	95.65	ng	0.00
23) Nitrobenzene-d5	7.57	82	1063045	101.89	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	242011	86.59	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1885202	108.02	ng	0.00
78) Terphenyl-d14	13.13	244	1413534	115.25	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.97	88	140359	31.121	ng	90
3) Pyridine	3.72	79	415767	35.786	ng	89
4) n-Nitrosodimethylamine	3.70	42	246671	37.732	ng	82
6) Aniline	6.67	93	345835	21.798	ng	96
8) 2-Chlorophenol	6.79	128	446500	45.166	ng	95
9) Benzaldehyde	6.55	77	307004	33.948	ng	96
10) Phenol	6.64	94	552607	45.802	ng	89
11) bis(2-Chloroethyl)ether	6.74	93	420731	43.134	ng	94
12) 1,3-Dichlorobenzene	6.94	146	484564	42.392	ng	97
13) 1,4-Dichlorobenzene	7.02	146	489857	42.654	ng	98
14) 1,2-Dichlorobenzene	7.18	146	457524	42.829	ng	96
15) Benzyl Alcohol	7.14	79	407032	41.452	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	786434	39.137	ng	99
17) 2-Methylphenol	7.25	107	388798	45.862	ng	94
18) Hexachloroethane	7.51	117	165637	40.511	ng	94
19) n-Nitroso-di-n-propylamine	7.41	70	332443	42.147	ng	90
20) 3+4-Methylphenols	7.40	107	474656	43.691	ng	# 82
22) Acetophenone	7.41	105	632142	46.435	ng	# 93
24) Nitrobenzene	7.59	77	490434	46.485	ng	96
25) Isophorone	7.82	82	913444	45.933	ng	99
26) 2-Nitrophenol	7.90	139	196913	49.422	ng	91
27) 2,4-Dimethylphenol	7.93	122	406309	46.034	ng	95
28) bis(2-Chloroethoxy)methane	8.02	93	544577	46.909	ng	99
29) 2,4-Dichlorophenol	8.14	162	386694	47.608	ng	99
30) 1,2,4-Trichlorobenzene	8.22	180	416745	46.536	ng	97
31) Naphthalene	8.31	128	1246549	47.080	ng	99
32) Benzoic acid	8.04	122	108296	24.487	ng	91
33) 4-Chloroaniline	8.35	127	90484	7.842	ng	97
34) Hexachlorobutadiene	8.42	225	268199	47.308	ng	100
35) Caprolactam	8.74	113	113385	44.545	ng	91
36) 4-Chloro-3-methylphenol	8.84	107	405881	46.321	ng	96
37) 2-Methylnaphthalene	9.00	142	861859	46.007	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	437966	50.900	ng	97
40) Hexachlorocyclopentadiene	9.15	237	149634	26.924	ng	96

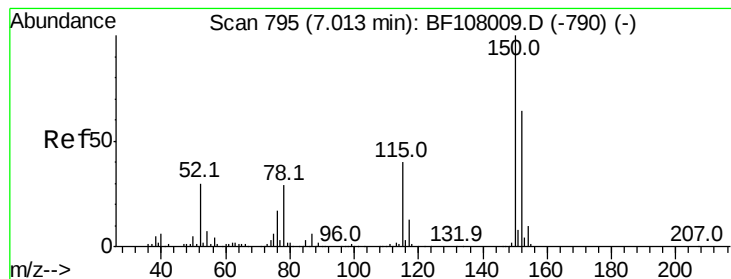
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	263941	49.432	ng	99
43) 2,4,5-Trichlorophenol	9.32	196	270973	46.101	ng	96
45) 1,1'-Biphenyl	9.47	154	1034313	50.067	ng	99
46) 2-Chloronaphthalene	9.50	162	797107	48.819	ng	99
47) 2-Nitroaniline	9.59	65	274545	51.967	ng	87
48) Acenaphthylene	9.91	152	1250395	48.440	ng	99
49) Dimethylphthalate	9.77	163	987118	50.575	ng	# 99
50) 2,6-Dinitrotoluene	9.83	165	204771	50.146	ng	92
51) Acenaphthene	10.08	154	732599	46.337	ng	98
52) 3-Nitroaniline	10.00	138	138492	30.997	ng	93
53) 2,4-Dinitrophenol	10.11	184	15106	16.038	ng	# 24
54) Dibenzofuran	10.25	168	1091536	47.653	ng	96
55) 4-Nitrophenol	10.16	139	220715	65.237	ng	86
56) 2,4-Dinitrotoluene	10.24	165	257280	48.947	ng	# 94
57) Fluorene	10.60	166	842309	46.453	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	201064	40.926	ng	# 84
59) Diethylphthalate	10.46	149	932140	49.320	ng	96
60) 4-Chlorophenyl-phenylether	10.59	204	450084	47.636	ng	89
61) 4-Nitroaniline	10.62	138	195227	44.196	ng	97
62) Azobenzene	10.75	77	894264	45.817	ng	94
64) 4,6-Dinitro-2-methylphenol	10.64	198	15482	12.909	ng	94
65) n-Nitrosodiphenylamine	10.71	169	783115	54.621	ng	96
66) 4-Bromophenyl-phenylether	11.08	248	284606	53.979	ng	90
67) Hexachlorobenzene	11.15	284	282140	50.858	ng	# 89
68) Atrazine	11.23	200	257362	53.519	ng	96
69) Pentachlorophenol	11.34	266	166784	62.812	ng	98
70) Phenanthrene	11.57	178	1118564	48.880	ng	99
71) Anthracene	11.62	178	1145748	48.850	ng	100
72) Carbazole	11.77	167	970192	46.557	ng	99
73) Di-n-butylphthalate	12.09	149	1310826	55.535	ng	99
74) Fluoranthene	12.77	202	1033647	41.387	ng	95
76) Benzidine	12.88	184	323553	27.769	ng	99
77) Pyrene	12.99	202	988754	50.079	ng	100
79) Butylbenzylphthalate	13.59	149	444294	56.671	ng	97
80) Benzo(a)anthracene	14.19	228	883842	49.384	ng	100
81) 3,3'-Dichlorobenzidine	14.14	252	223383	34.828	ng	# 95
82) Chrysene	14.22	228	800475	48.785	ng	100
83) Bis(2-ethylhexyl)phthalate	14.15	149	597021	56.234	ng	100
84) Di-n-octyl phthalate	14.77	149	951509	58.766	ng	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	606901	42.688	ng	# 90
87) Benzo(b)fluoranthene	15.28	252	831375	53.049	ng	# 96
88) Benzo(k)fluoranthene	15.32	252	721168	50.059	ng	# 95
89) Benzo(a)pyrene	15.68	252	693122	49.390	ng	# 97
90) Dibenzo(a,h)anthracene	17.38	278	519787	44.765	ng	# 93
91) Benzo(g,h,i)perylene	17.86	276	476310	41.658	ng	# 90

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

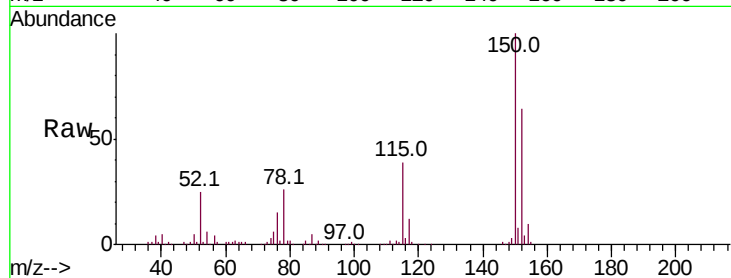


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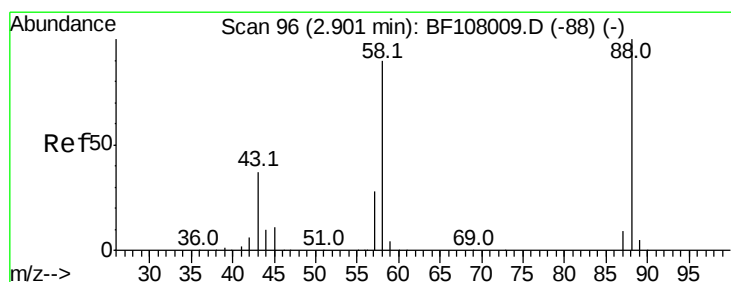
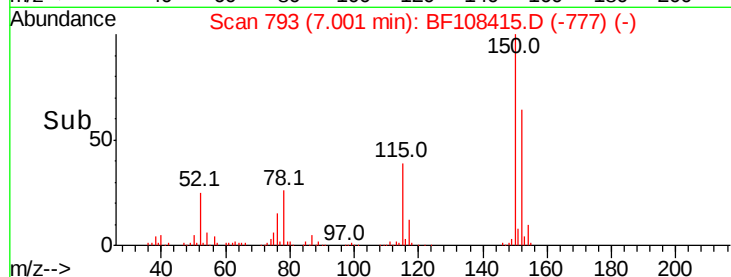
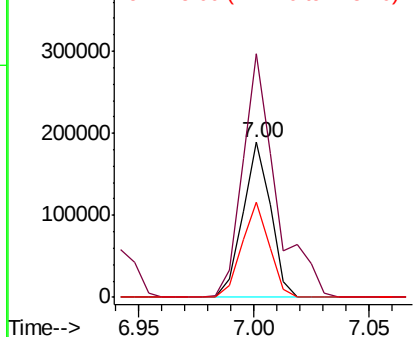
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108415.D
Acq: 23 Aug 2018 7:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 158912
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 61.2 50.1 75.1



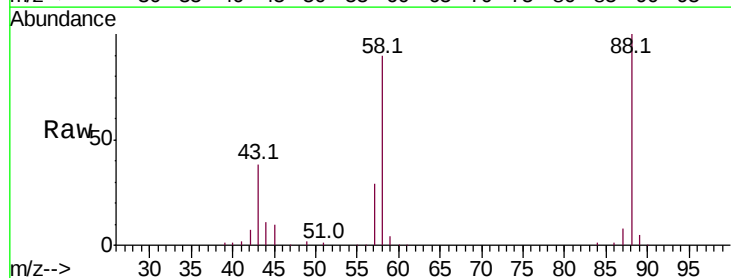
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



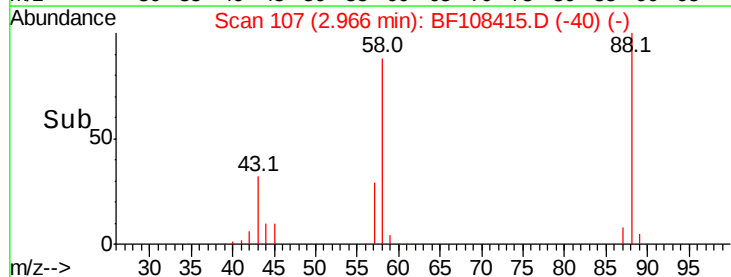
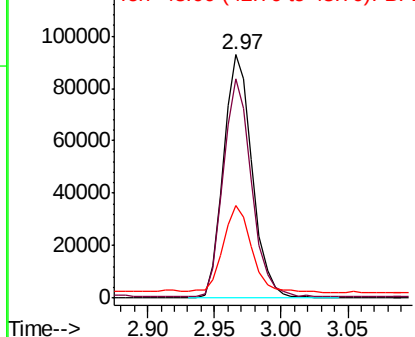
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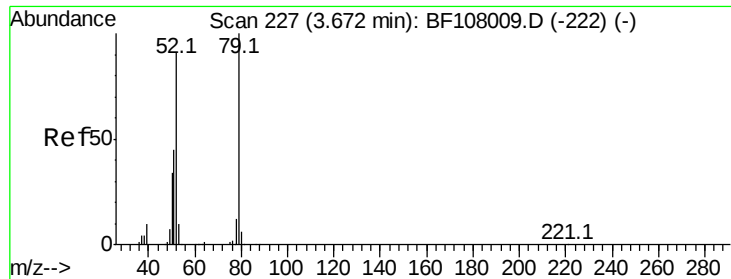
1,4-Dioxane
Concen: 31.121 ng
RT: 2.97 min Scan# 107
Delta R.T. 0.09 min
Lab File: BF108415.D
Acq: 23 Aug 2018 7:35

Tgt Ion: 88 Resp: 140359
Ion Ratio Lower Upper
88 100
58 87.8 62.6 93.8
43 35.3 24.6 37.0



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





#3

Pvridine

Concen: 35.786 ng

RT: 3.72 min Scan# 236

Delta R.T. 0.06 min

Lab File: BF108415.D

Acq: 23 Aug 2018 7:35

Instrument :

BNA_F

ClientSampleId :

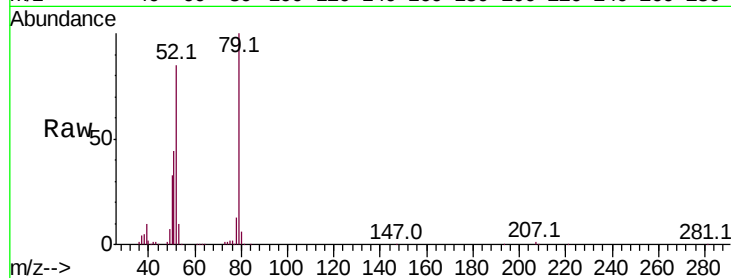
Tot Ion: 79 Resp: 415767

Ion Ratio Lower Upper

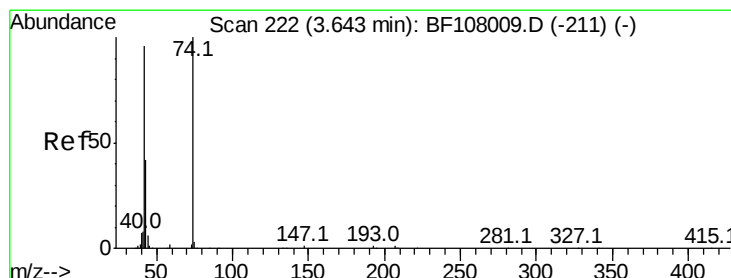
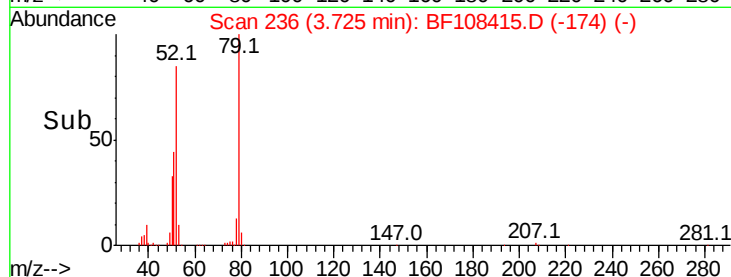
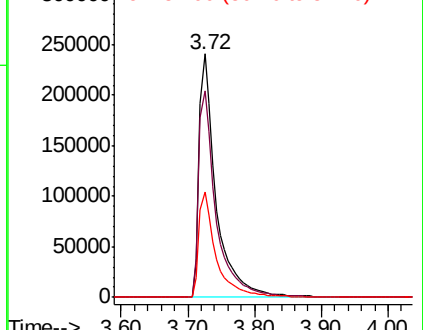
79 100

52 84.6 59.8 89.6

51 43.5 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: 37.732 ng

RT: 3.70 min Scan# 231

Delta R.T. 0.06 min

Lab File: BF108415.D

Acq: 23 Aug 2018 7:35

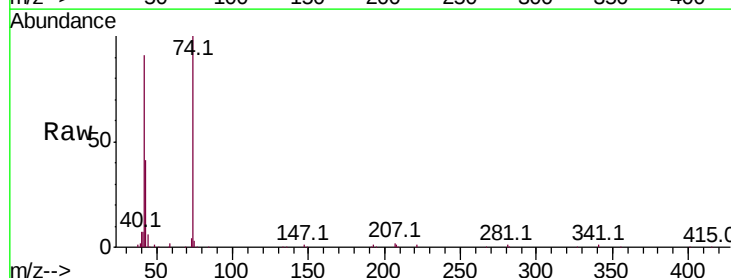
Tgt Ion: 42 Resp: 246671

Ion Ratio Lower Upper

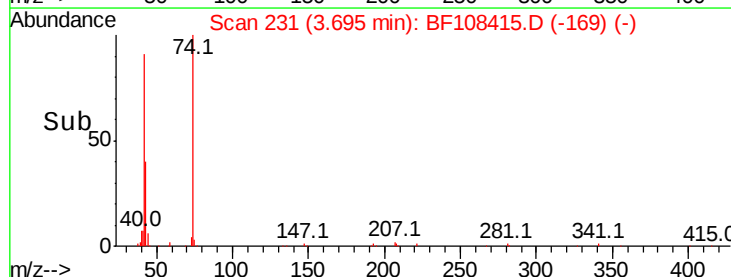
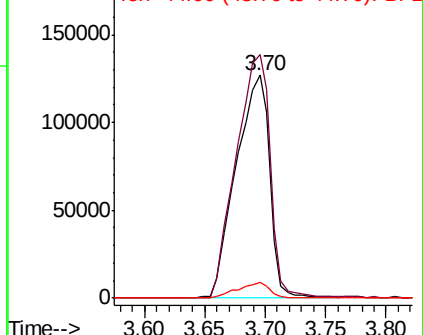
42 100

74 109.3 104.9 157.3

44 6.9 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: 93.471 ng

RT: 5.64 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF108415.D

Acq: 23 Aug 2018 7:35

Instrument :

BNA_F

ClientSampleId :

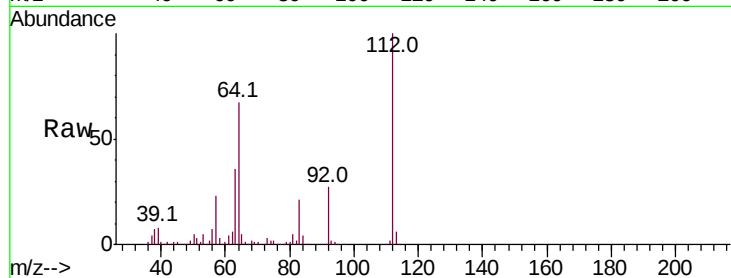
Tot Ion:112 Resp: 820440

Ion Ratio Lower Upper

112 100

64 67.3 47.9 71.9

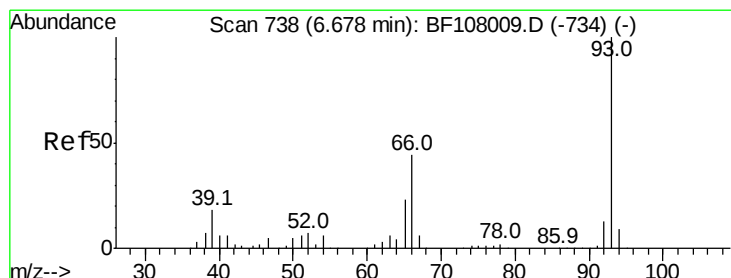
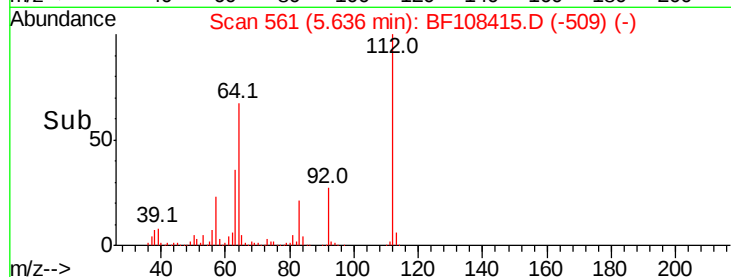
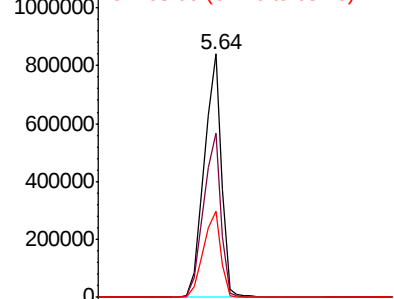
63 35.5 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.798 ng

RT: 6.67 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF108415.D

Acq: 23 Aug 2018 7:35

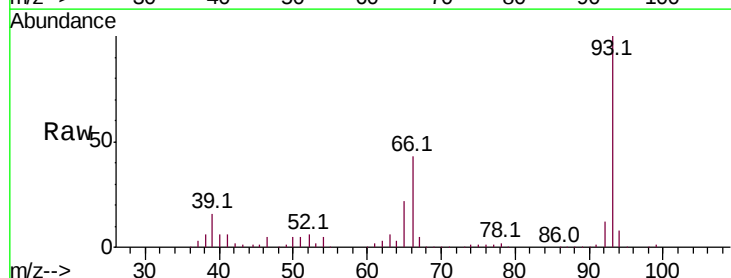
Tgt Ion: 93 Resp: 345835

Ion Ratio Lower Upper

93 100

66 42.5 32.2 48.2

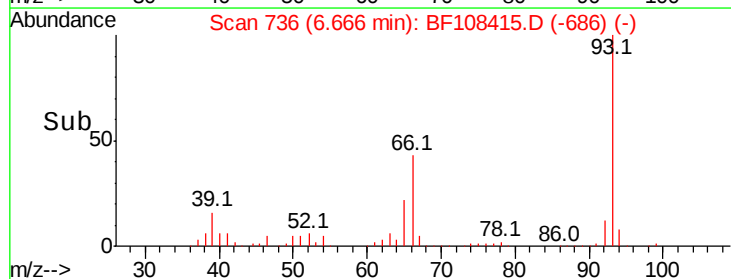
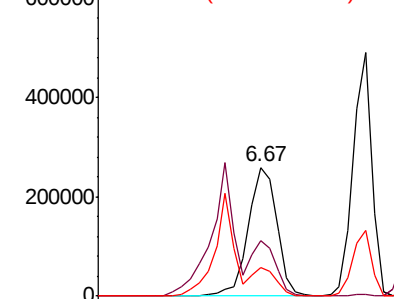
65 22.3 16.4 24.6

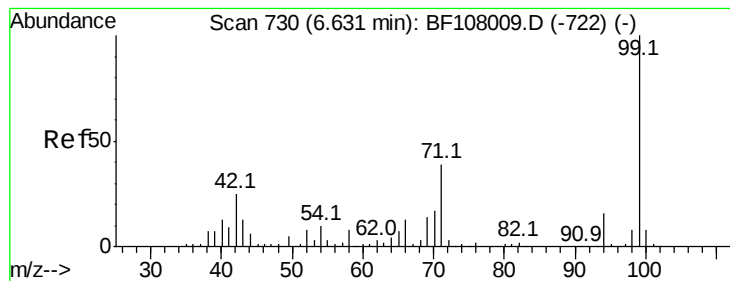


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 95.651 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108415.D

Acq: 23 Aug 2018 7:35

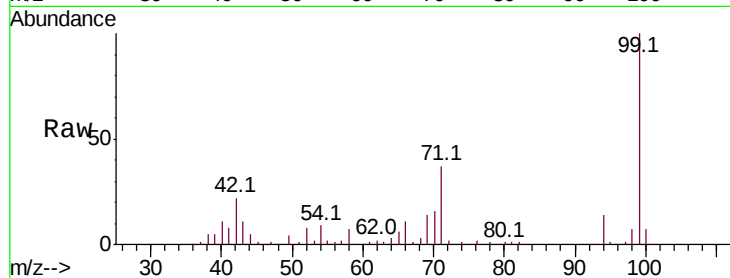
Instrument :

BNA_F

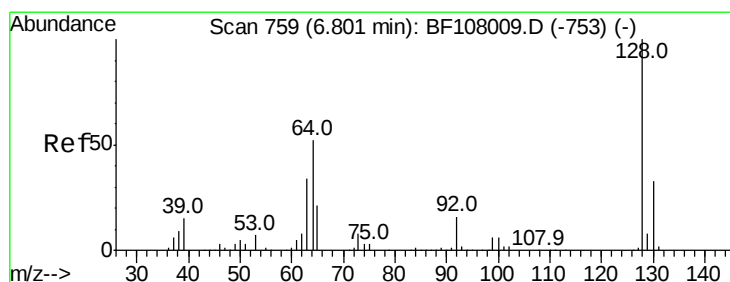
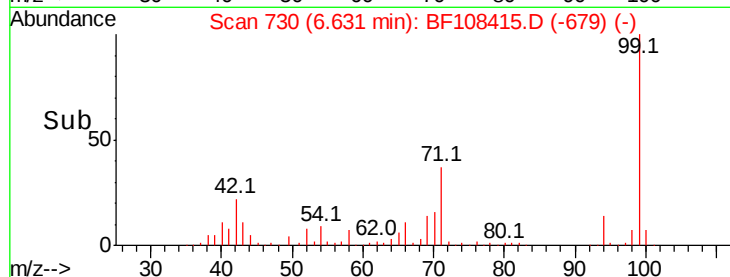
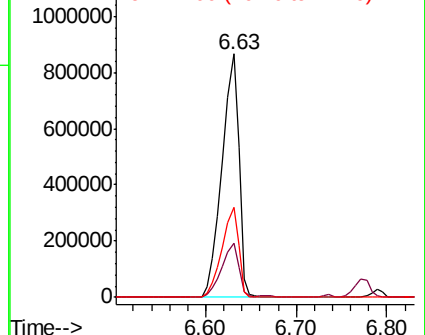
ClientSampled :

Tot Ion: 99 Resp: 1115682

Ion	Ratio	Lower	Upper
99	100		
42	22.0	14.5	21.7#
71	36.9	25.4	38.0



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



#8

2-Chlorophenol

Concen: 45.166 ng

RT: 6.79 min Scan# 757

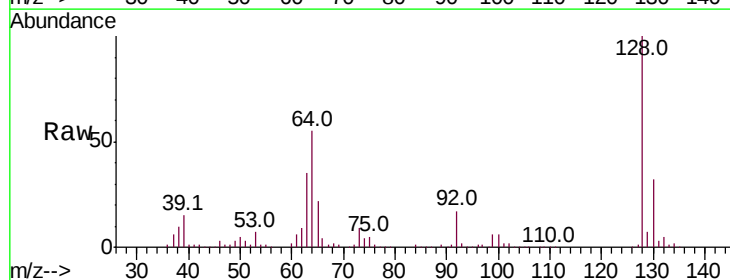
Delta R.T. -0.01 min

Lab File: BF108415.D

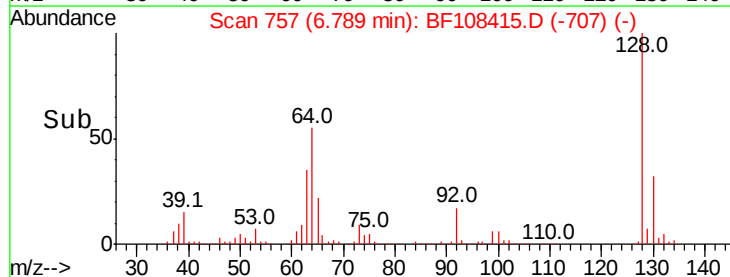
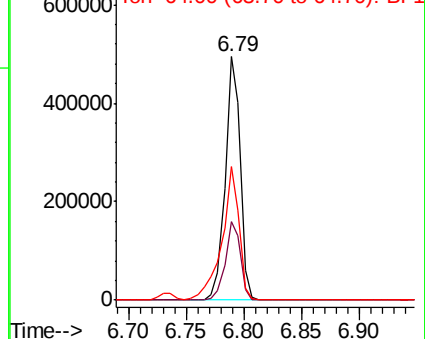
Acq: 23 Aug 2018 7:35

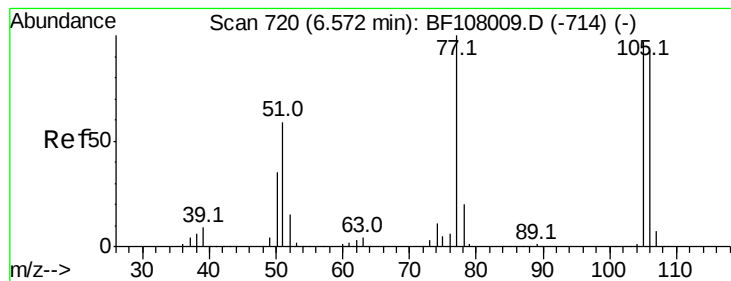
Tgt Ion: 128 Resp: 446500

Ion	Ratio	Lower	Upper
128	100		
130	32.0	13.0	53.0
64	54.8	29.4	69.4



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





#9

Benzaldehyde

Concen: 33.948 ng

RT: 6.55 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF108415.D

Acq: 23 Aug 2018 7:35

Instrument :

BNA_F

ClientSampleId :

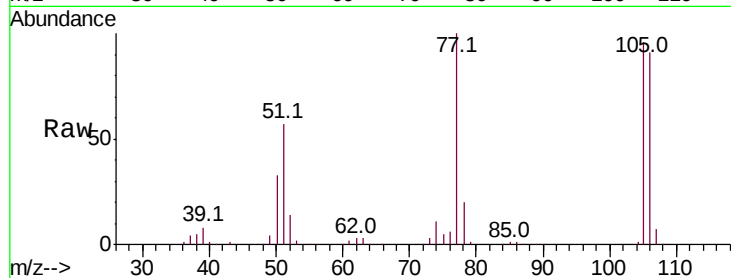
Tot Ion: 77 Resp: 307004

Ion Ratio Lower Upper

77 100

105 96.0 81.1 121.1

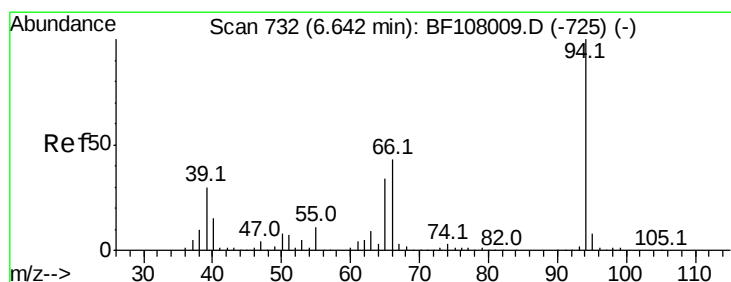
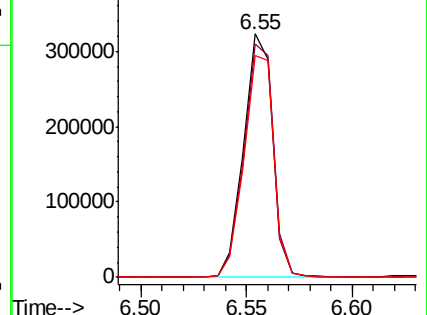
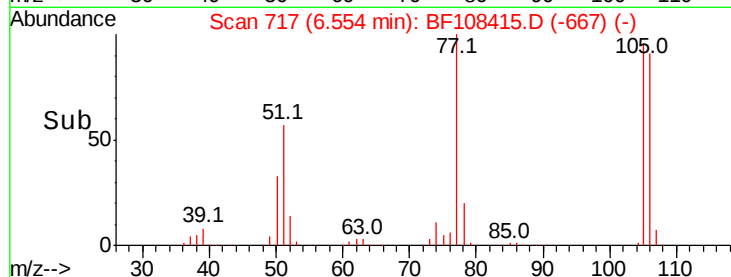
106 90.9 74.5 114.5



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: 45.802 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF108415.D

Acq: 23 Aug 2018 7:35

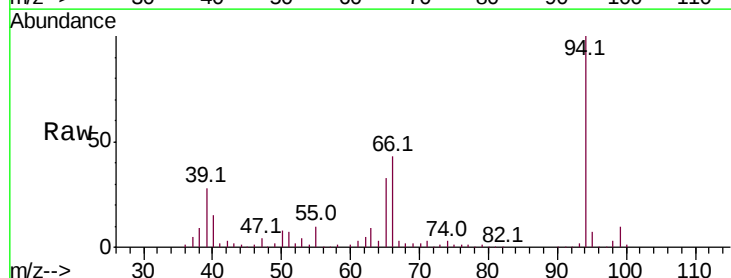
Tgt Ion: 94 Resp: 552607

Ion Ratio Lower Upper

94 100

65 33.5 7.9 47.9

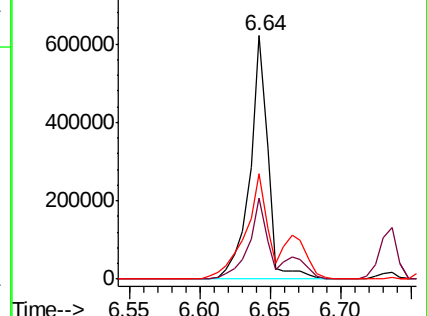
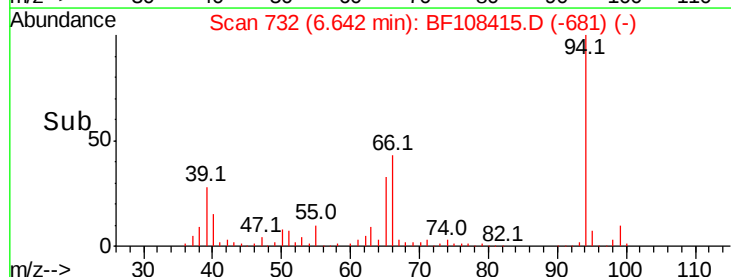
66 43.3 16.2 56.2

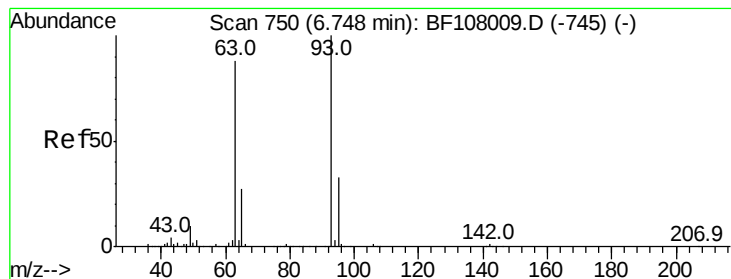


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 43.134 ng

RT: 6.74 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF108415.D

Acq: 23 Aug 2018 7:35

Instrument :

BNA_F

ClientSampleId :

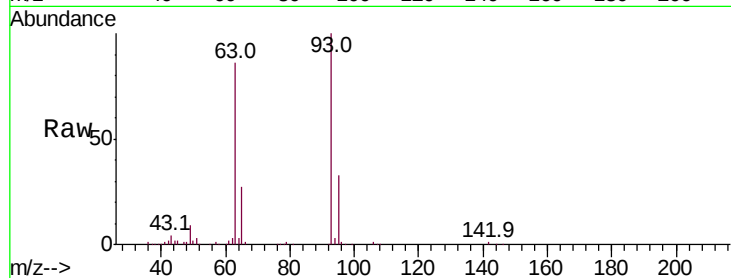
Tot Ion: 93 Resp: 420731

Ion Ratio Lower Upper

93 100

63 85.9 58.6 98.6

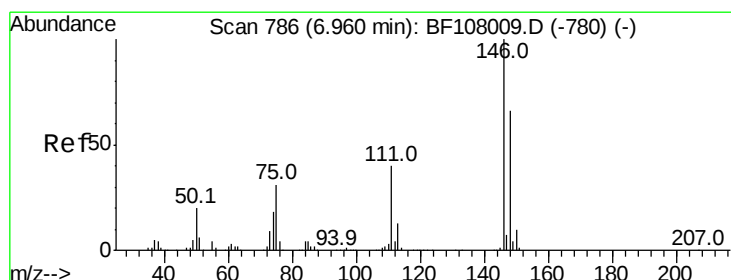
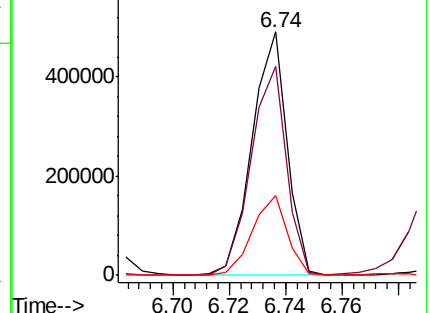
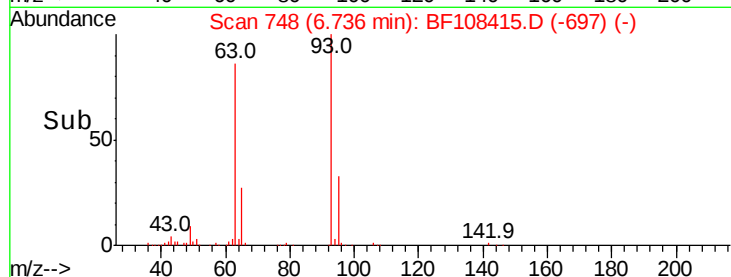
95 32.5 11.8 51.8



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: 42.392 ng

RT: 6.94 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF108415.D

Acq: 23 Aug 2018 7:35

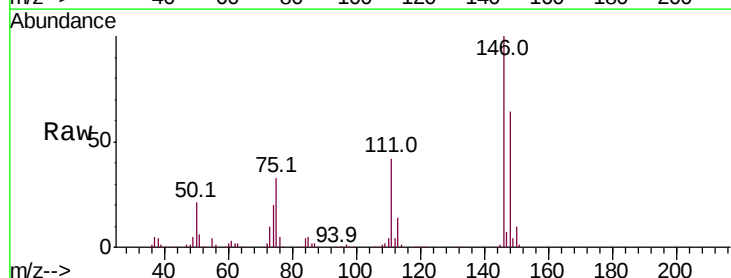
Tgt Ion: 146 Resp: 484564

Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.8

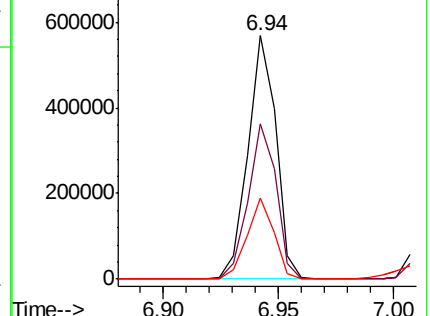
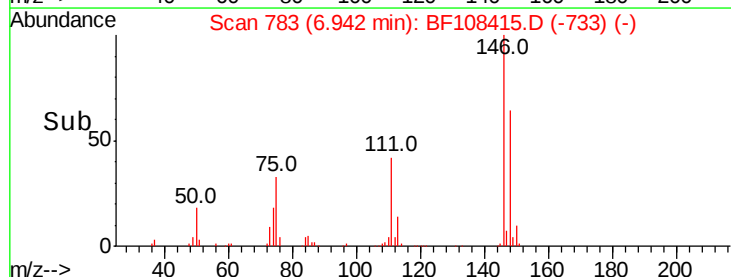
75 33.3 24.2 36.4

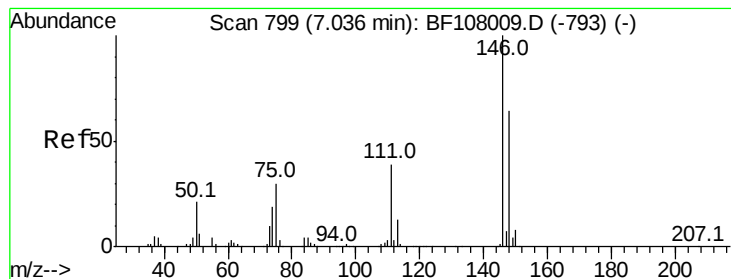


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 42.654 ng

RT: 7.02 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF108415.D

Acq: 23 Aug 2018 7:35

Instrument :

BNA_F

ClientSampleId :

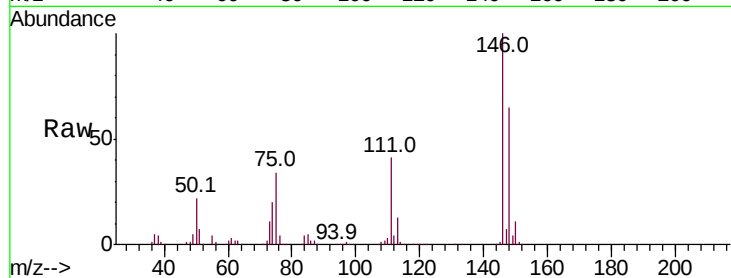
Tot Ion:146 Resp: 489857

Ion Ratio Lower Upper

146 100

148 65.0 50.8 76.2

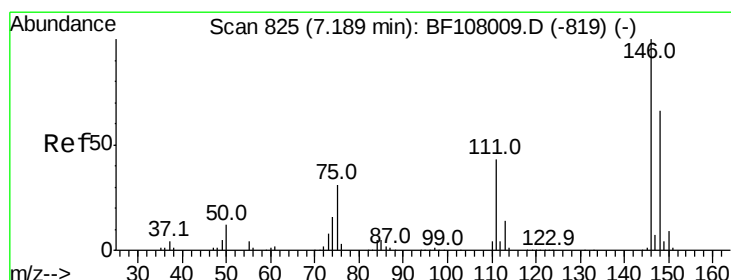
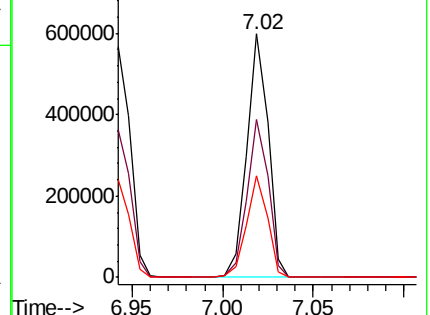
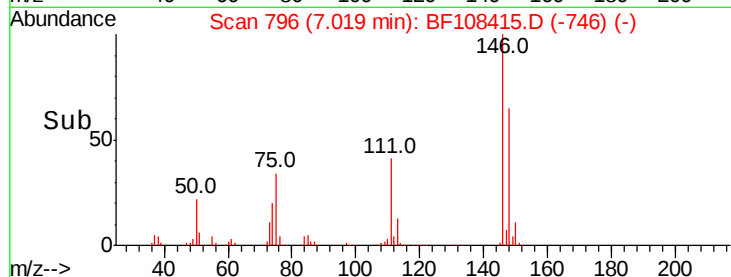
111 41.5 34.2 51.2



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: 42.829 ng

RT: 7.18 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF108415.D

Acq: 23 Aug 2018 7:35

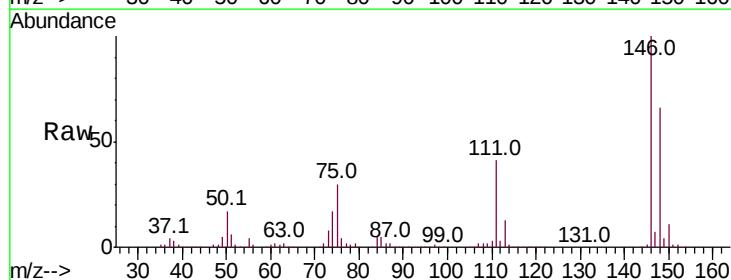
Tgt Ion:146 Resp: 457524

Ion Ratio Lower Upper

146 100

148 65.8 50.6 75.8

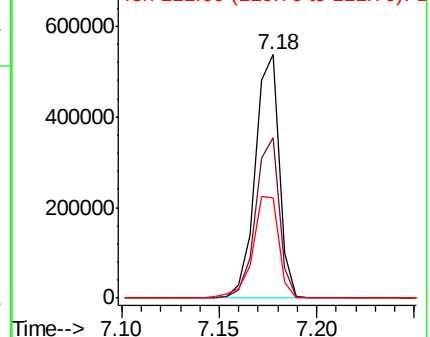
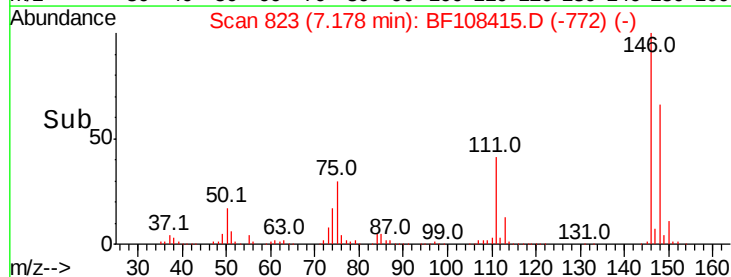
111 41.1 36.0 54.0



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: 41.452 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF108415.D

Acq: 23 Aug 2018 7:35

Instrument :

BNA_F

ClientSampled :

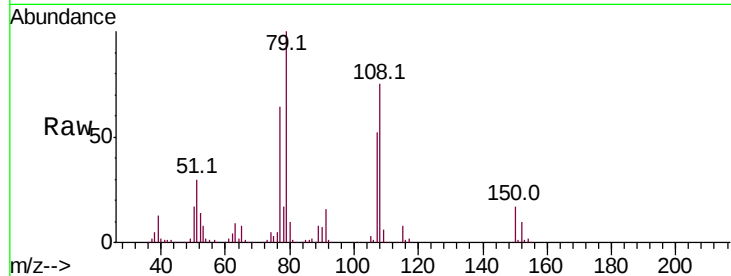
Tot Ion: 79 Resp: 407032

Ion Ratio Lower Upper

79 100

108 74.8 65.1 97.7

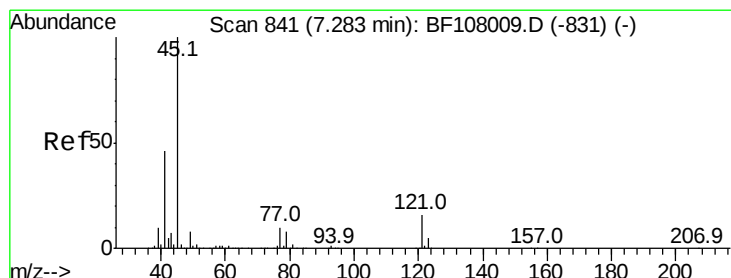
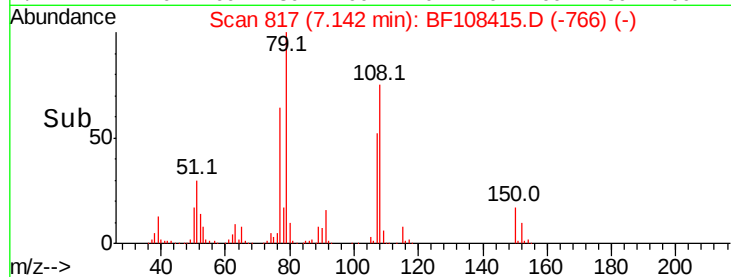
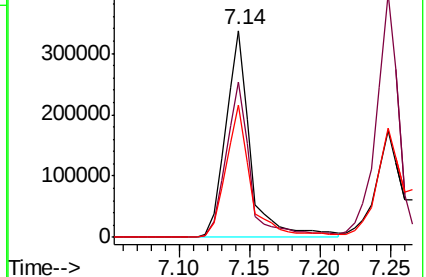
77 64.0 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.137 ng

RT: 7.27 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF108415.D

Acq: 23 Aug 2018 7:35

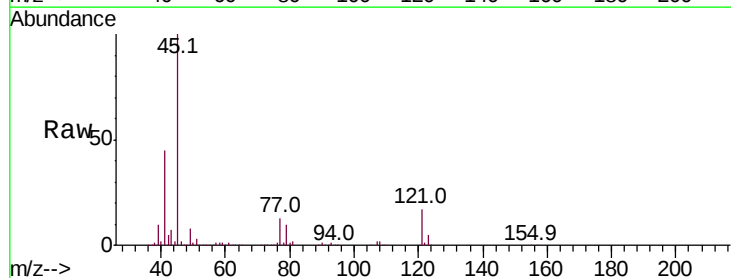
Tgt Ion: 45 Resp: 786434

Ion Ratio Lower Upper

45 100

77 12.7 0.0 32.9

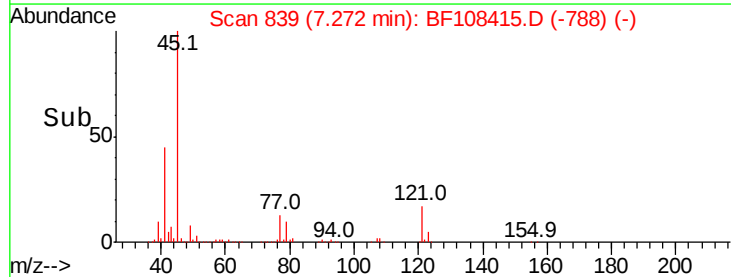
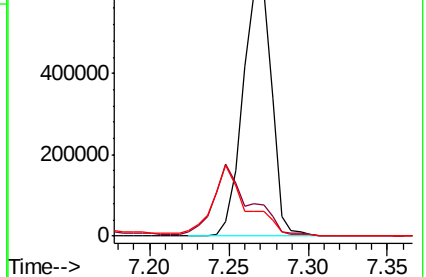
79 10.1 0.0 29.6

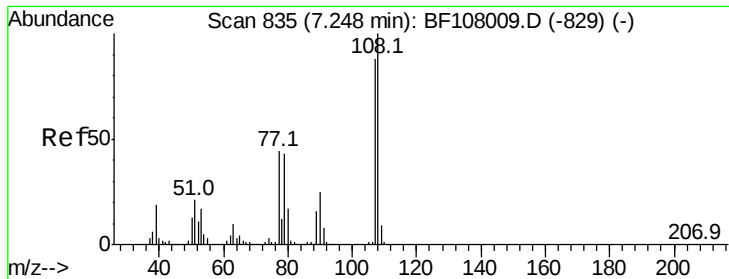


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

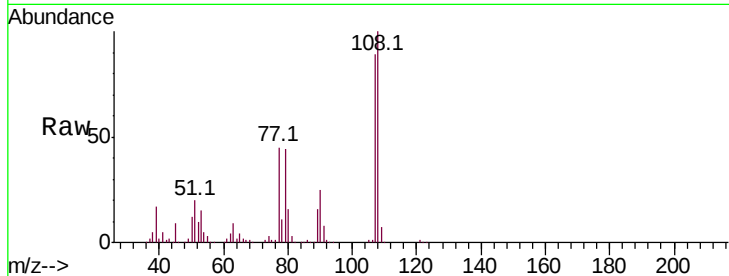




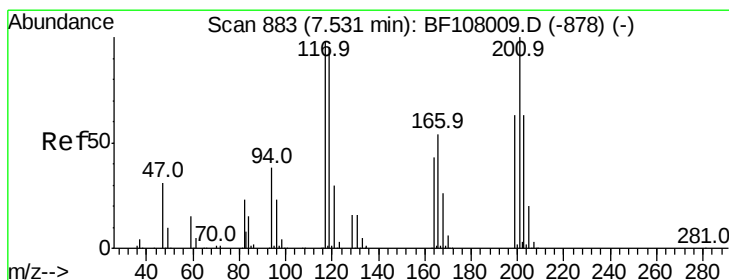
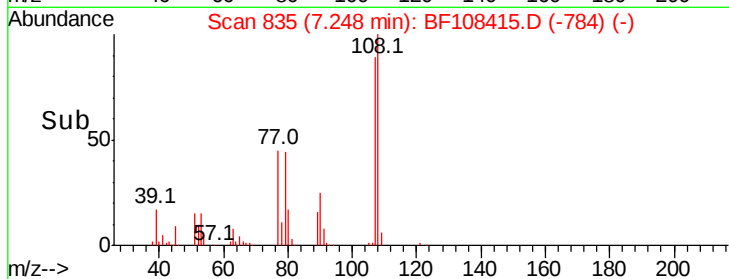
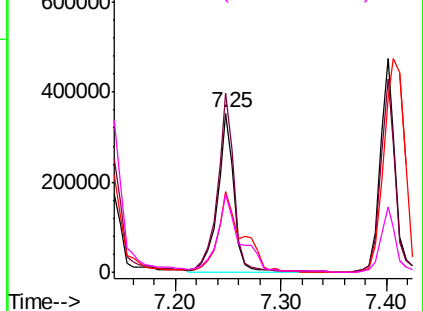
#17
2-Methylphenol
Concen: 45.862 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF108415.D
Acq: 23 Aug 2018 7:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	388798
Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.7	137.5
77	50.4	33.8	50.8
79	49.5	33.8	50.8

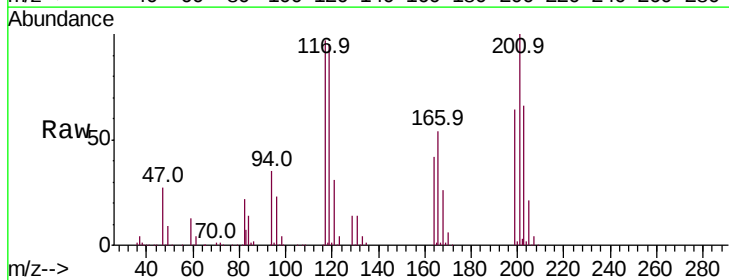


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

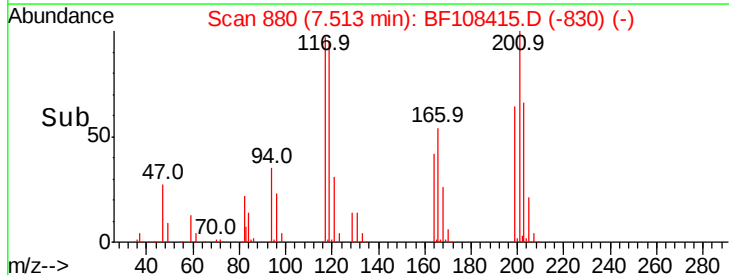
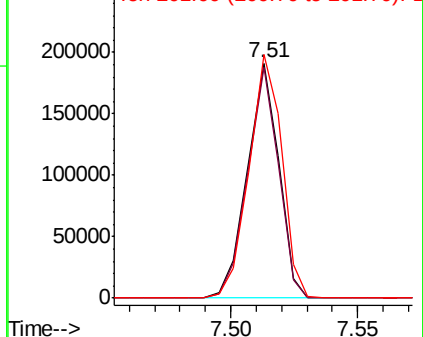


#18
Hexachloroethane
Concen: 40.511 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF108415.D
Acq: 23 Aug 2018 7:35

Tgt Ion:	117	Resp:	165637
Ion	Ratio	Lower	Upper
117	100		
119	98.1	75.8	113.8
201	103.5	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

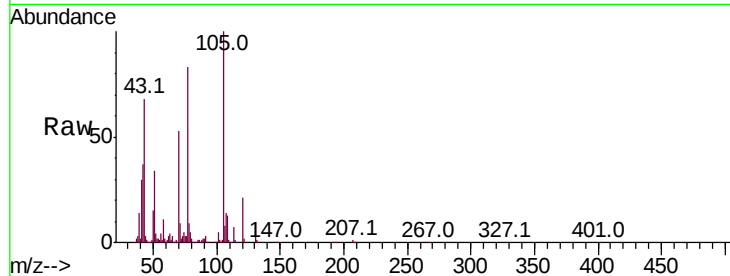




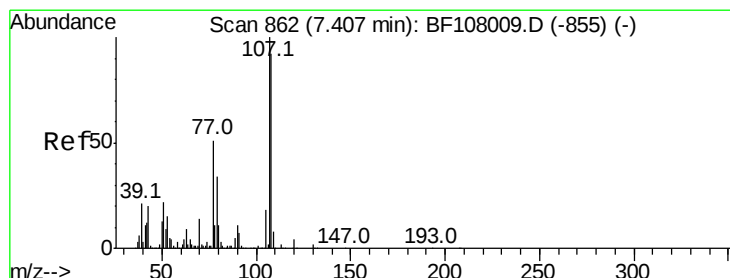
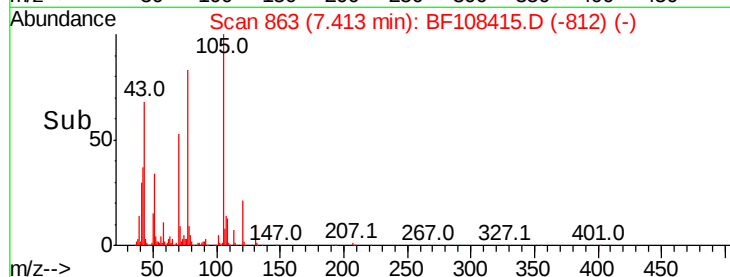
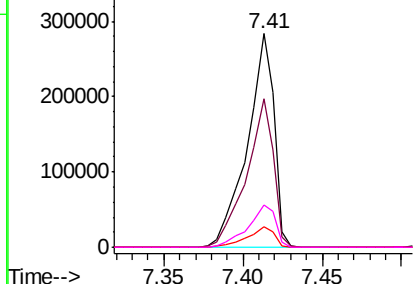
#19
n-Nitroso-di-n-propylamine
Concen: 42.147 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF108415.D
Acq: 23 Aug 2018 7:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 332443
Ion Ratio Lower Upper
70 100
42 69.6 47.5 71.3
101 9.3 7.4 11.2
130 19.5 16.6 25.0



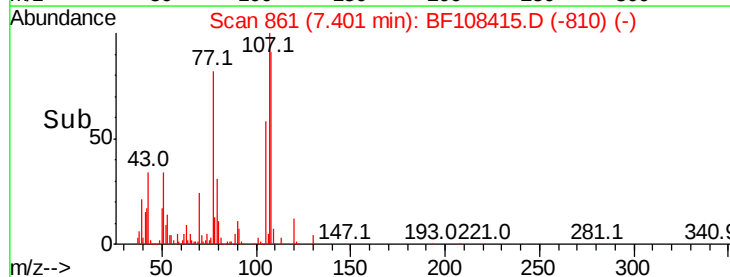
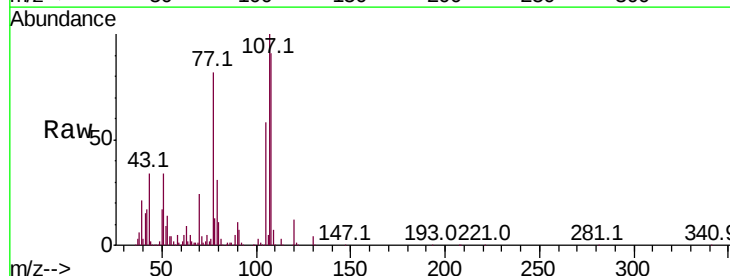
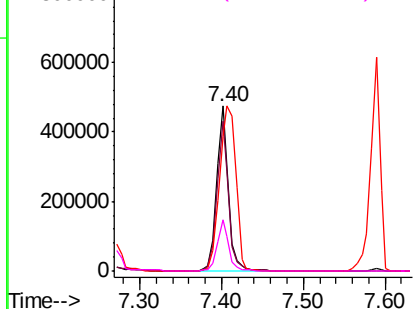
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

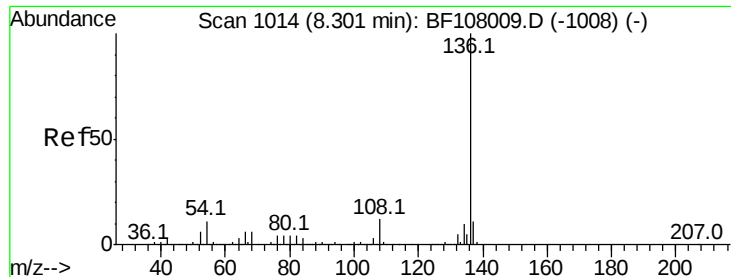


#20
3+4-Methylphenols
Concen: 43.691 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF108415.D
Acq: 23 Aug 2018 7:35

Tgt Ion:107 Resp: 474656
Ion Ratio Lower Upper
107 100
108 90.5 68.2 108.2
77 81.6 26.7 66.7#
79 30.7 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: 8.29 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF108415.D

Acq: 23 Aug 2018 7:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 582203

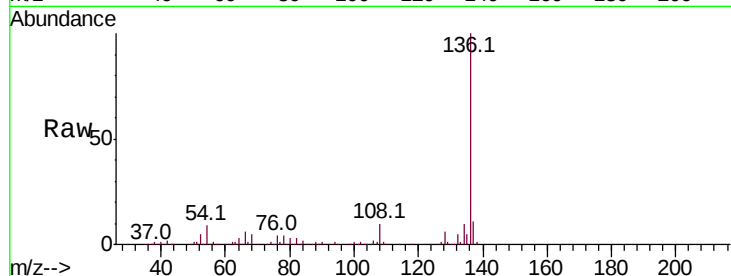
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.4 6.6 9.8

68 5.5 5.0 7.4

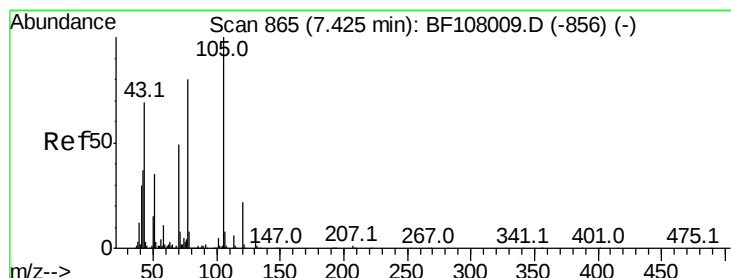
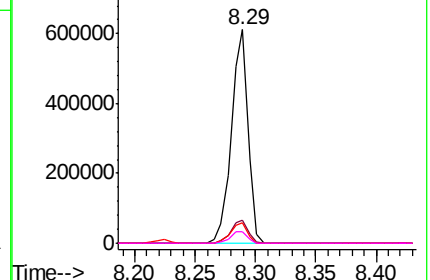
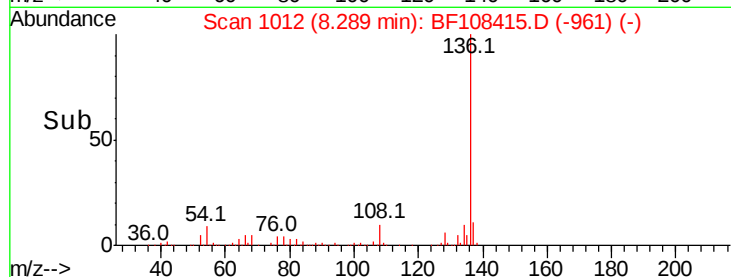


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 46.435 ng

RT: 7.41 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF108415.D

Acq: 23 Aug 2018 7:35

Tgt Ion:105 Resp: 632142

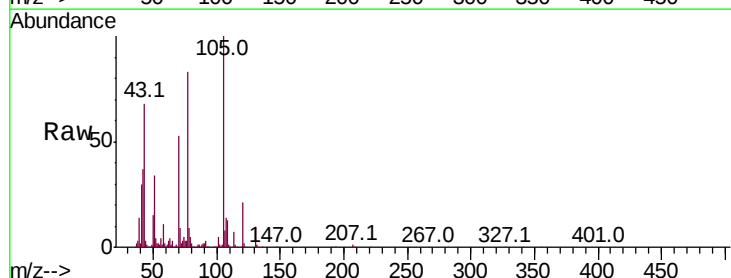
Ion Ratio Lower Upper

105 100

71 8.8 4.4 6.6#

51 33.7 22.3 33.5#

120 21.5 16.9 25.3

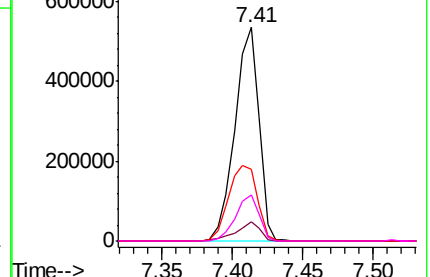
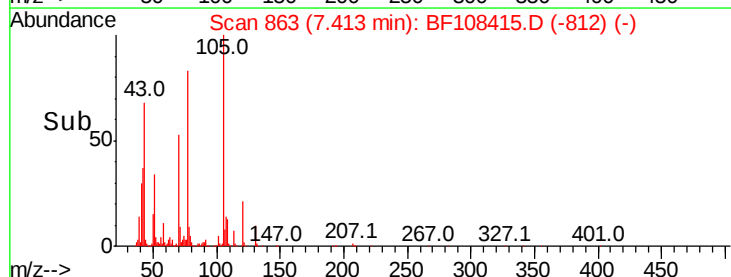


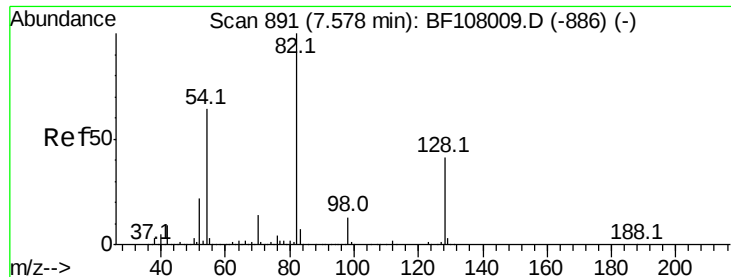
Abundance Ion 105.00 (104.70 to 105.70): E

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: 101.888 ng

RT: 7.57 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF108415.D

Acq: 23 Aug 2018 7:35

Instrument :

BNA_F

ClientSampled :

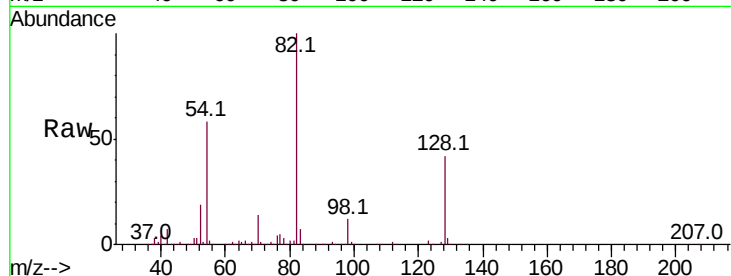
Tot Ion: 82 Resp: 1063045

Ion Ratio Lower Upper

82 100

128 41.6 36.1 54.1

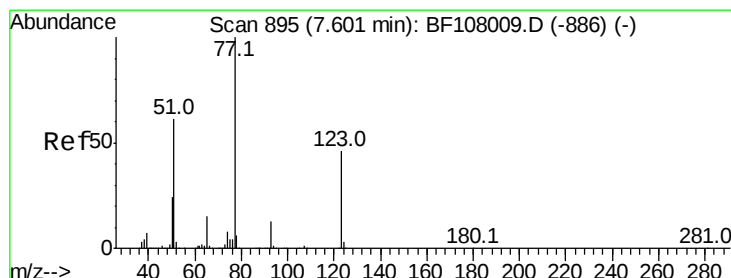
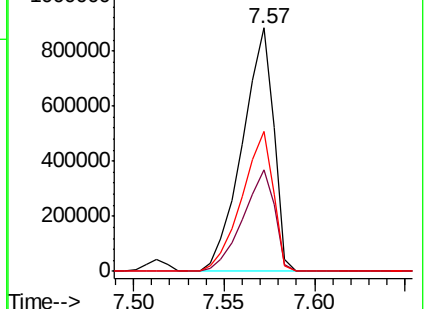
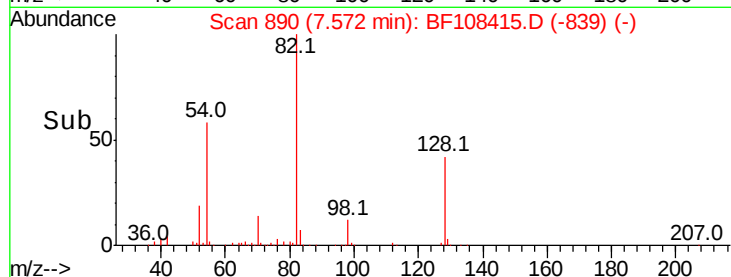
54 57.7 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 46.485 ng

RT: 7.59 min Scan# 893

Delta R.T. -0.00 min

Lab File: BF108415.D

Acq: 23 Aug 2018 7:35

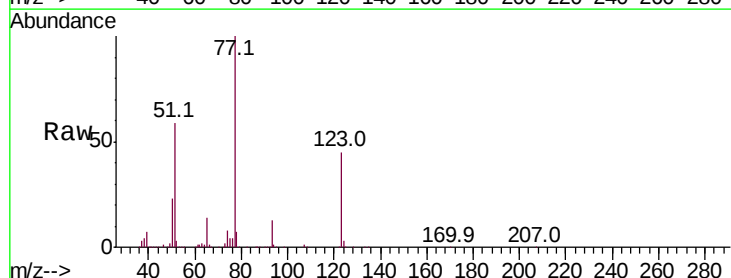
Tgt Ion: 77 Resp: 490434

Ion Ratio Lower Upper

77 100

123 44.6 37.9 56.9

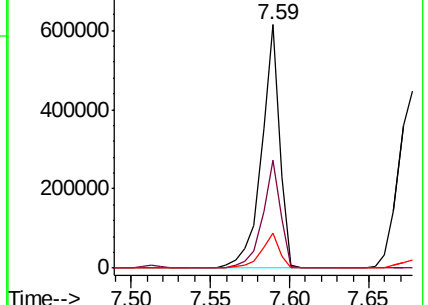
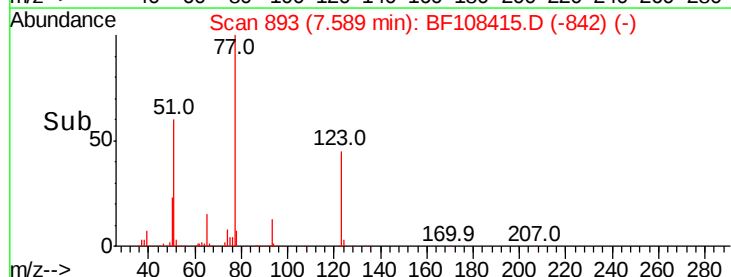
65 14.5 11.0 16.4

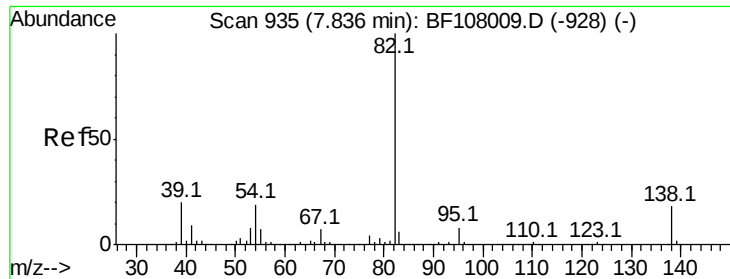


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 45.933 ng

RT: 7.82 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF108415.D

Acq: 23 Aug 2018 7:35

Instrument :

BNA_F

ClientSampled :

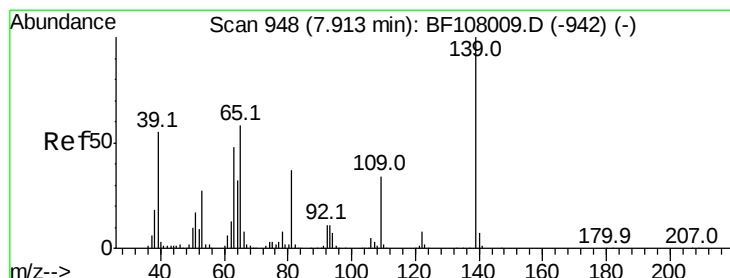
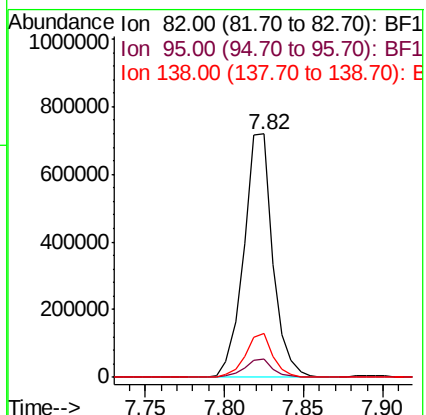
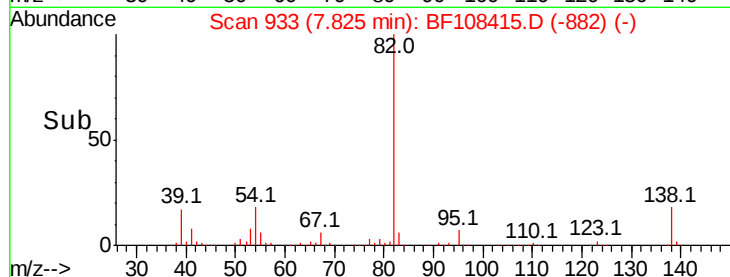
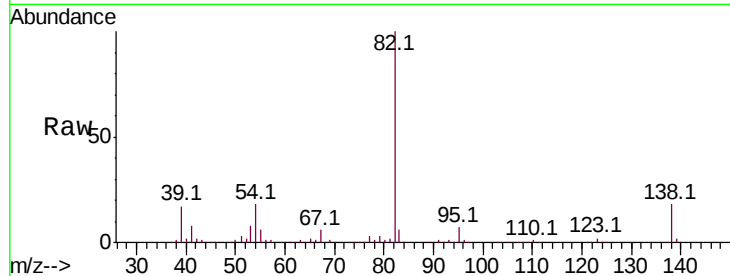
Tot Ion: 82 Resp: 913444

Ion Ratio Lower Upper

82 100

95 7.4 5.2 7.8

138 18.2 14.9 22.3



#26

2-Nitrophenol

Concen: 49.422 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF108415.D

Acq: 23 Aug 2018 7:35

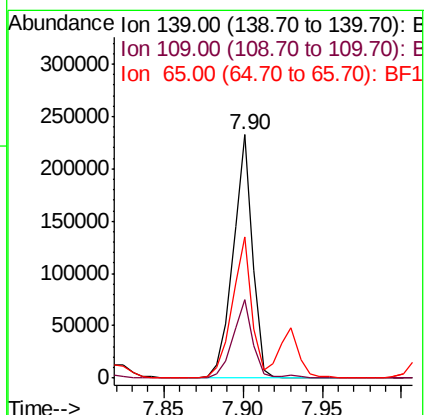
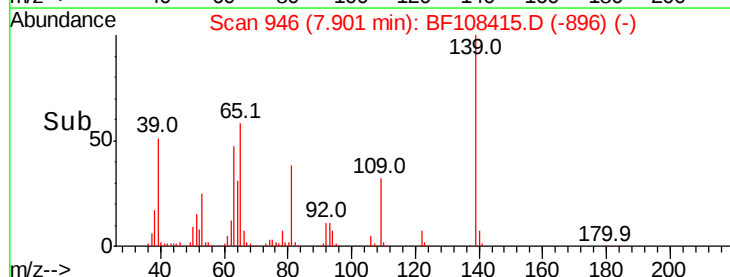
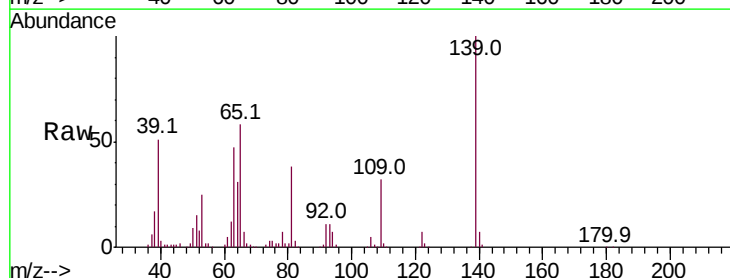
Tgt Ion: 139 Resp: 196913

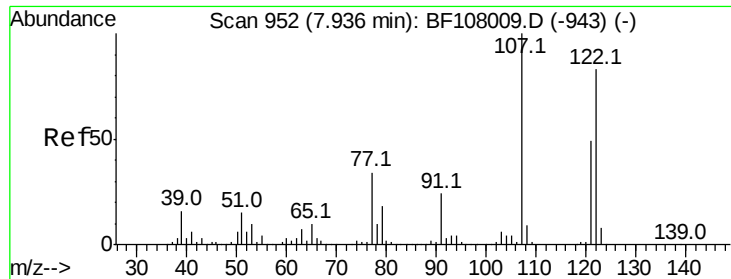
Ion Ratio Lower Upper

139 100

109 32.1 22.7 34.1

65 57.9 40.5 60.7

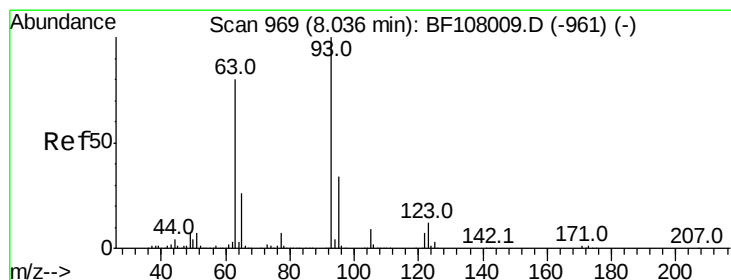
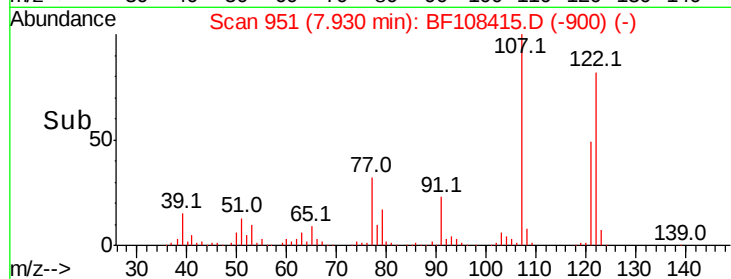
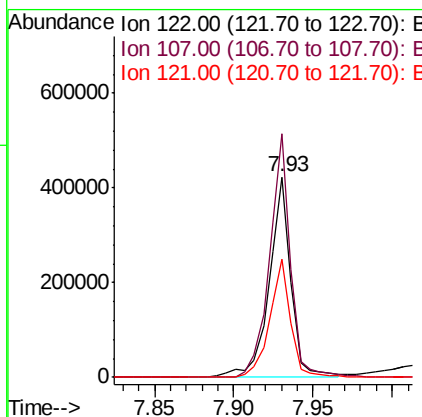
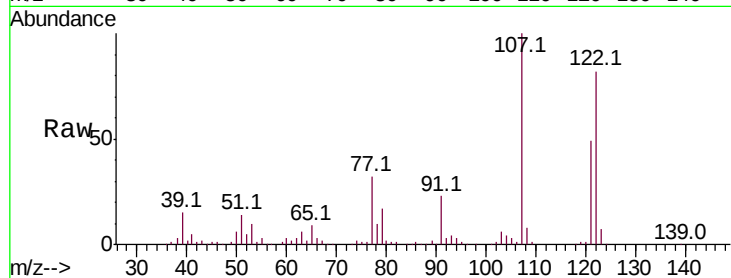




#27
 2,4-Dimethylphenol
 Concen: 46.034 ng
 RT: 7.93 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF108415.D
 Acq: 23 Aug 2018 7:35

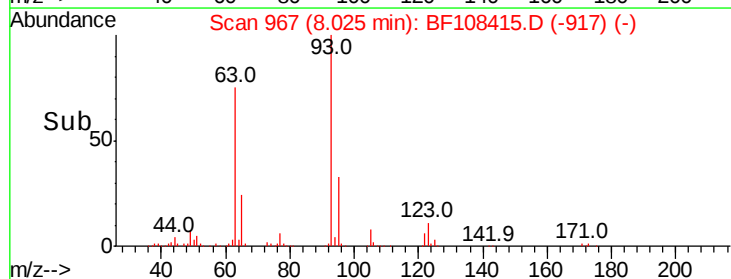
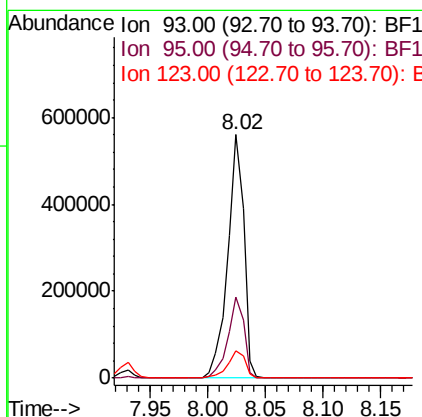
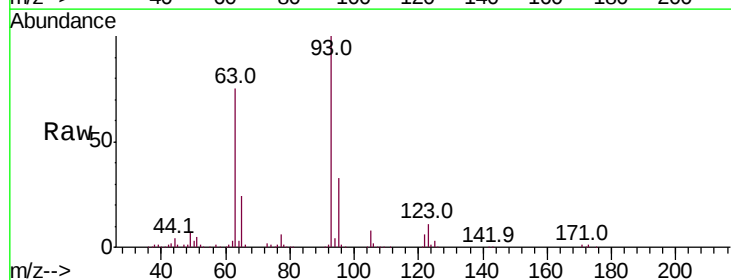
Instrument :
 BNA_F
 ClientSampleId :

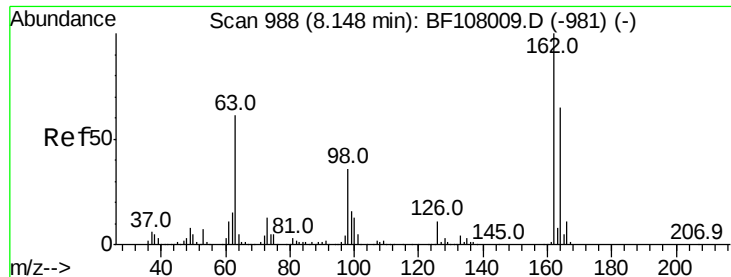
Tot Ion:122 Resp: 406309
 Ion Ratio Lower Upper
 122 100
 107 121.7 91.2 136.8
 121 59.4 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.909 ng
 RT: 8.02 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF108415.D
 Acq: 23 Aug 2018 7:35

Tgt Ion: 93 Resp: 544577
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.3 39.5
 123 11.2 9.8 14.6

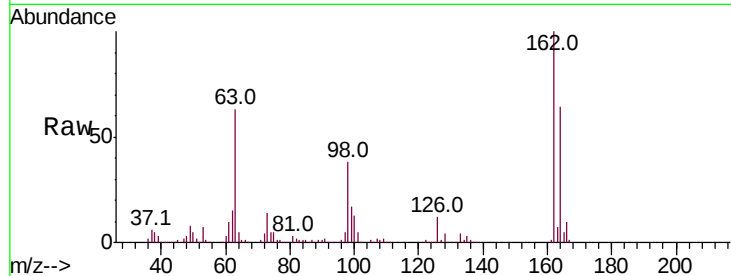




#29
2,4-Dichlorophenol
Concen: 47.608 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF108415.D
Acq: 23 Aug 2018 7:35

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	42.7	82.7
98	37.9	18.1	58.1

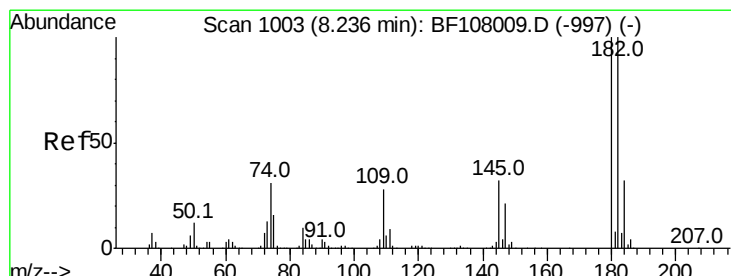
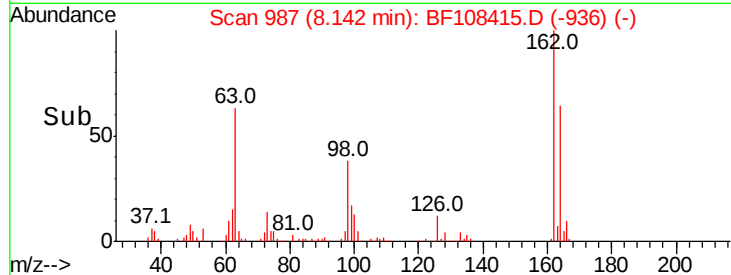
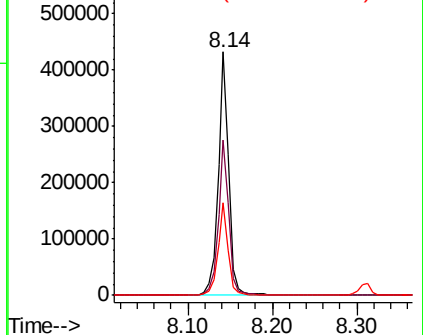


Abundance

Ion 162.00 (161.70 to 162.70): E

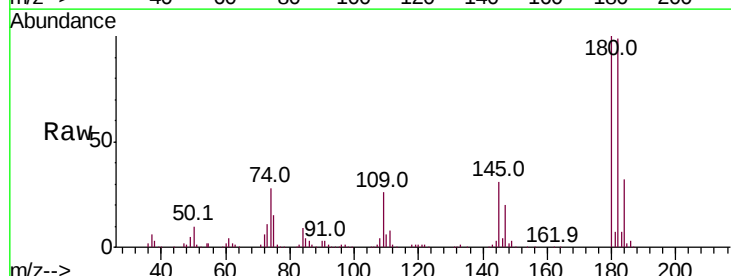
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 46.536 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF108415.D
Acq: 23 Aug 2018 7:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.8	76.8	115.2
145	31.3	26.5	39.7

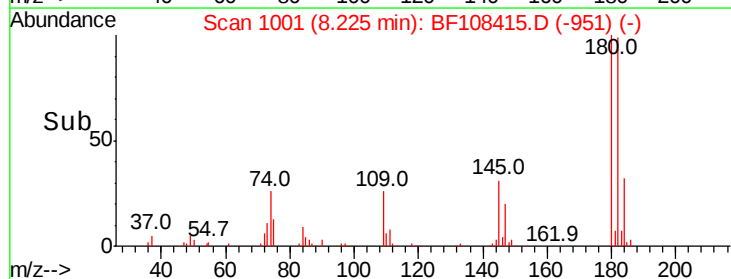
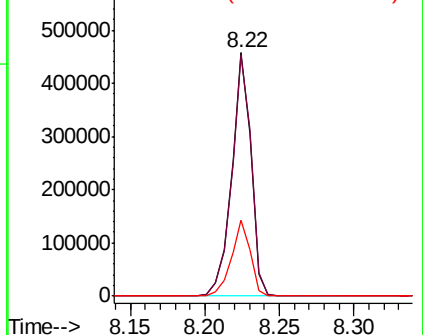


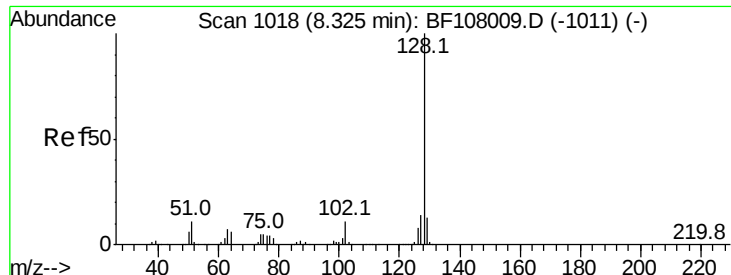
Abundance

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

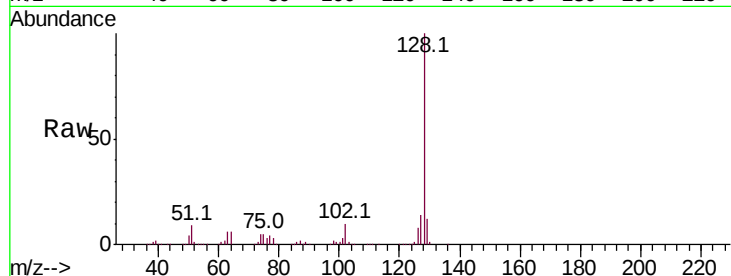




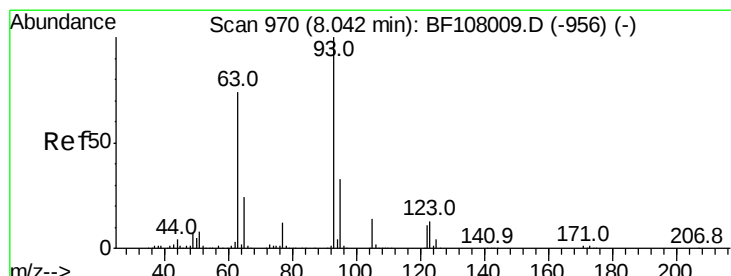
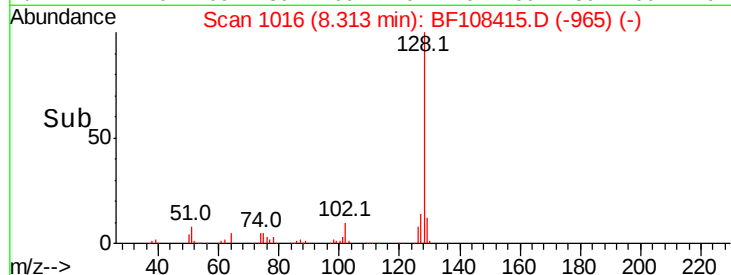
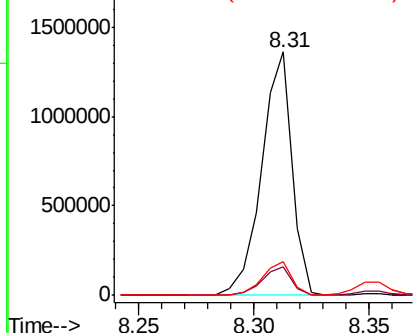
#31
Naphthalene
Concen: 47.080 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF108415.D
Acq: 23 Aug 2018 7:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1246549
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 13.9 10.9 16.3

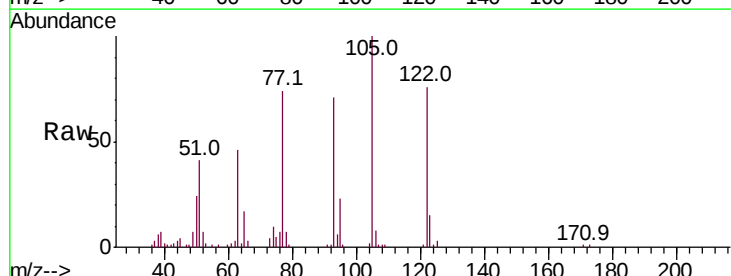


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

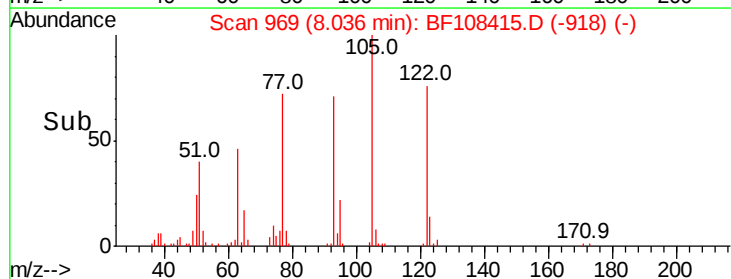
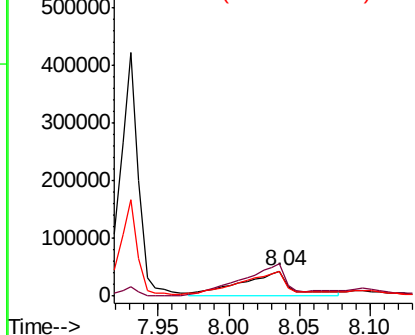


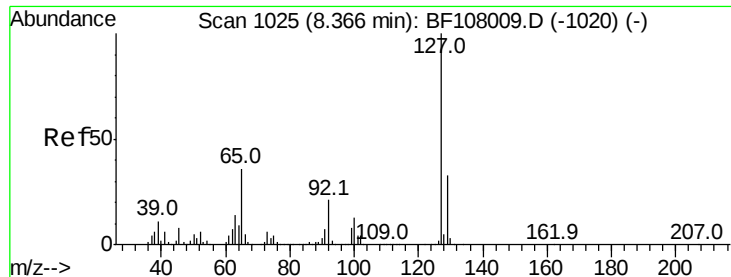
#32
Benzoic acid
Concen: 24.487 ng
RT: 8.04 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF108415.D
Acq: 23 Aug 2018 7:35

Tgt Ion:122 Resp: 108296
Ion Ratio Lower Upper
122 100
105 131.9 101.1 141.1
77 97.4 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

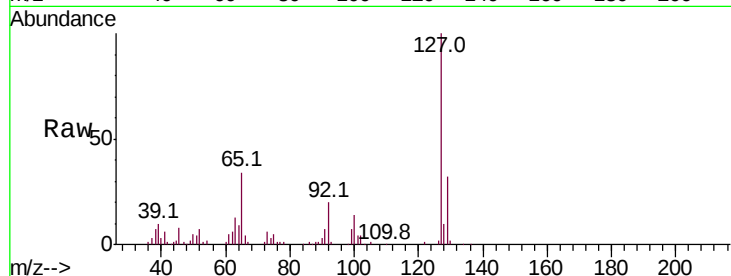




#33
4-Chloroaniline
Concen: 7.842 ng
RT: 8.35 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF108415.D
Acq: 23 Aug 2018 7:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.9	38.9
65	34.2	25.0	37.4
92	20.1	15.2	22.8



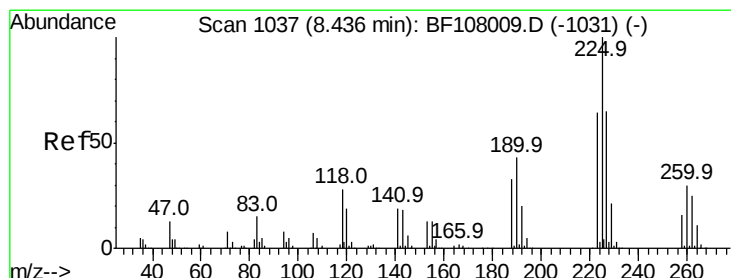
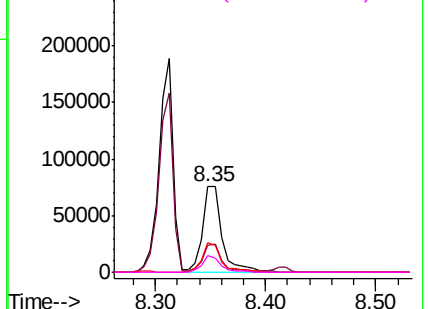
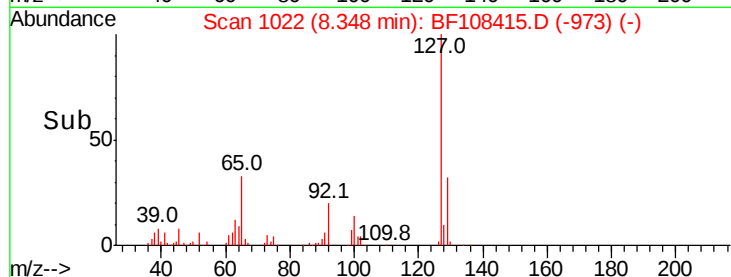
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

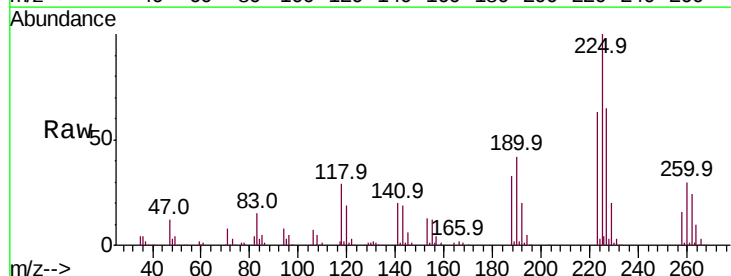
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 47.308 ng
RT: 8.42 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF108415.D
Acq: 23 Aug 2018 7:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	64.7	51.9	77.9

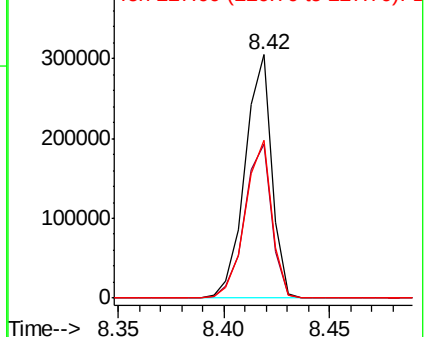
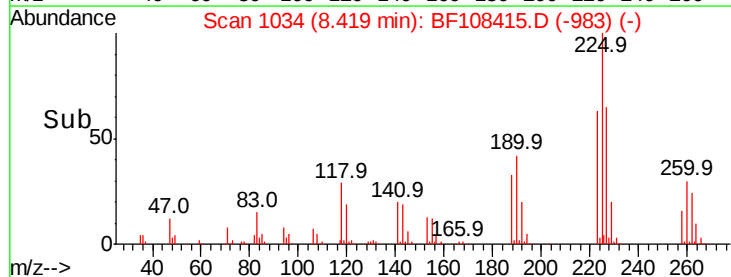


Abundance

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: 44.545 ng

RT: 8.74 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BF108415.D

Acq: 23 Aug 2018 7:35

Instrument :

BNA_F

ClientSampleId :

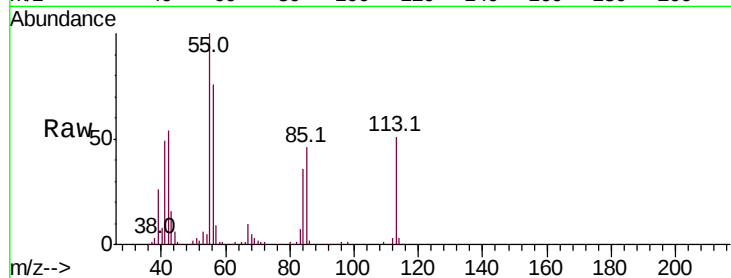
Tot Ion:113 Resp: 113385

Ion Ratio Lower Upper

113 100

55 195.7 163.3 203.3

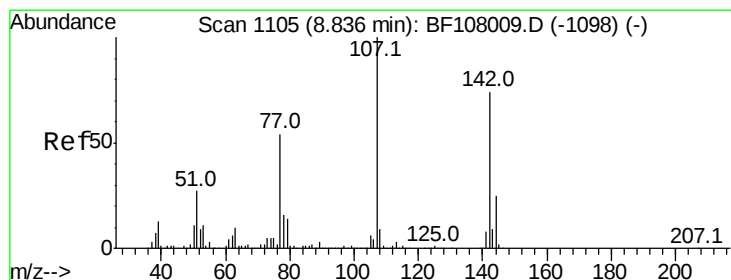
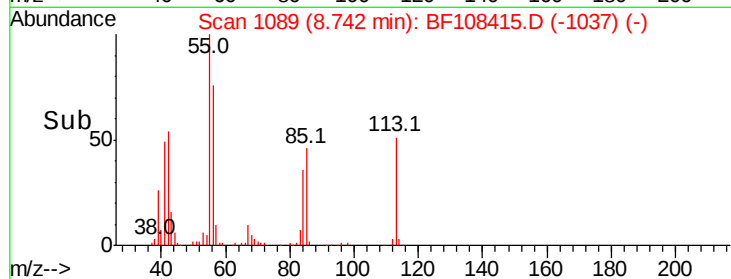
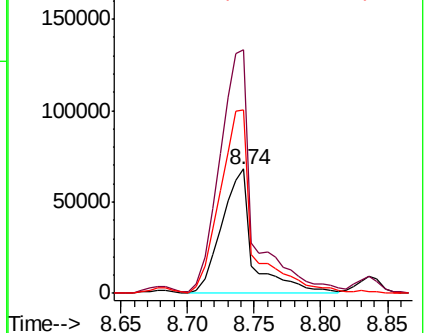
56 147.9 115.7 155.7



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: 46.321 ng

RT: 8.84 min Scan# 1105

Delta R.T. 0.01 min

Lab File: BF108415.D

Acq: 23 Aug 2018 7:35

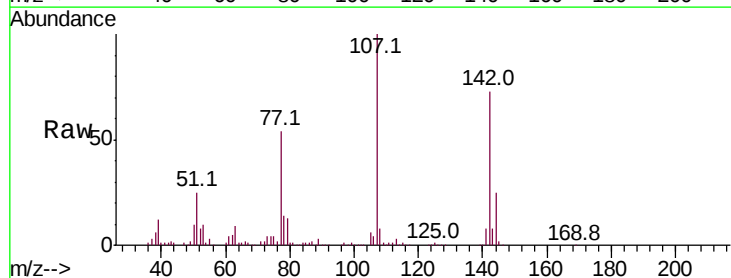
Tgt Ion:107 Resp: 405881

Ion Ratio Lower Upper

107 100

144 25.4 20.5 30.7

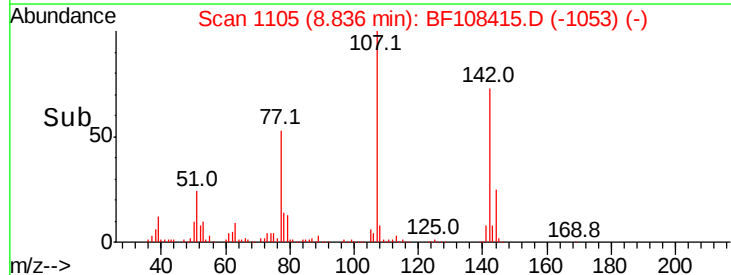
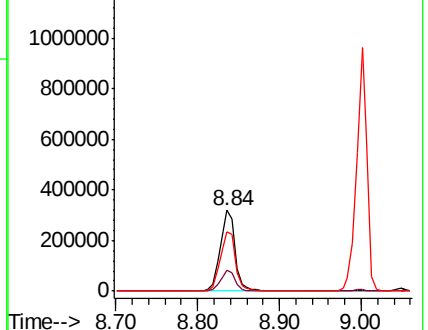
142 73.5 62.0 93.0

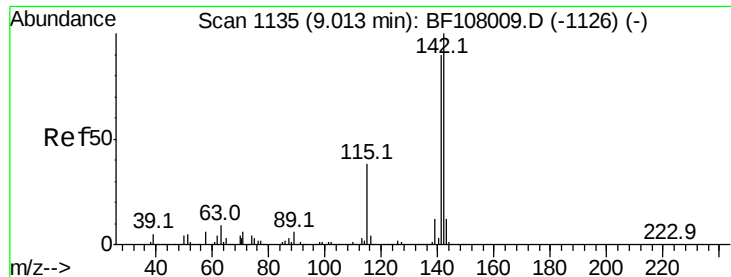


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

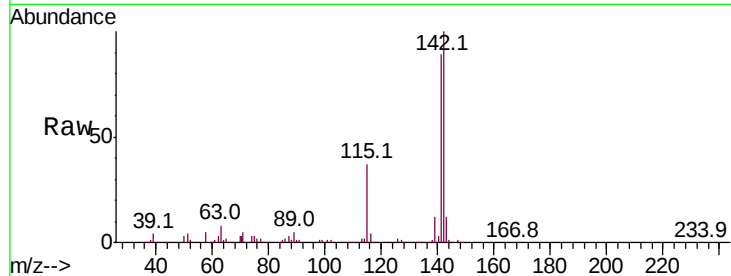




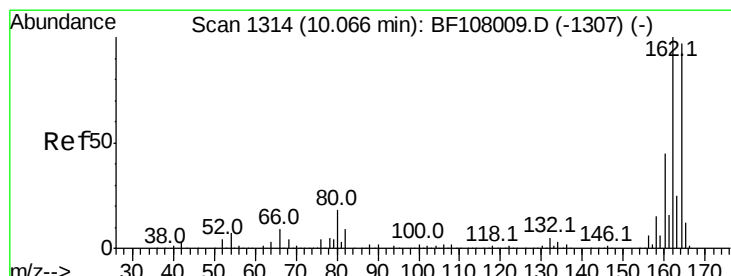
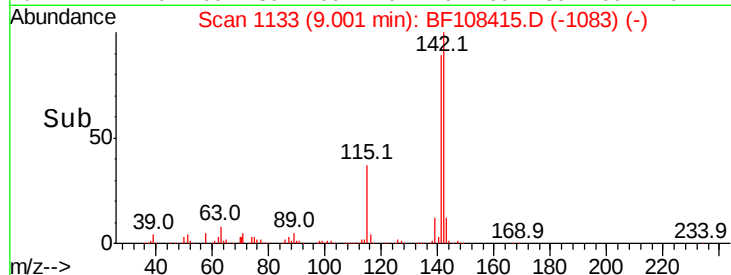
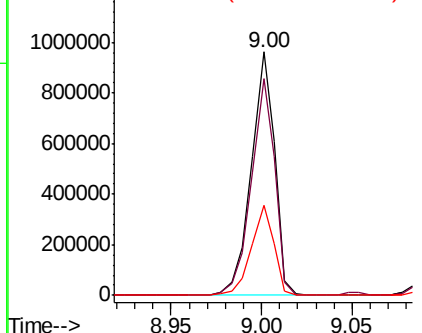
#37
 2-Methylnaphthalene
 Concen: 46.007 ng
 RT: 9.00 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BF108415.D
 Acq: 23 Aug 2018 7:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	37.0	26.1	39.1

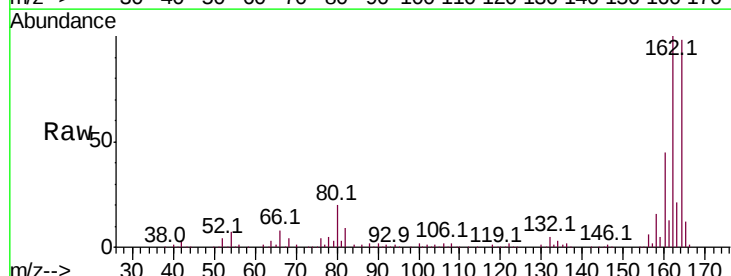


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

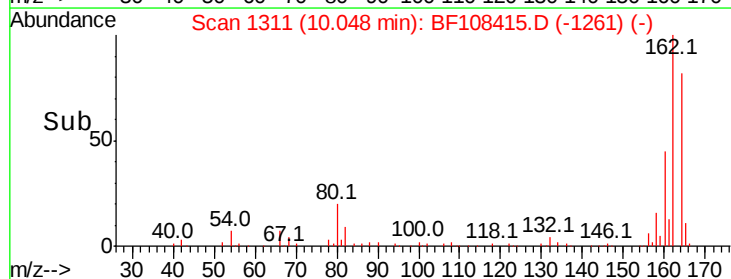
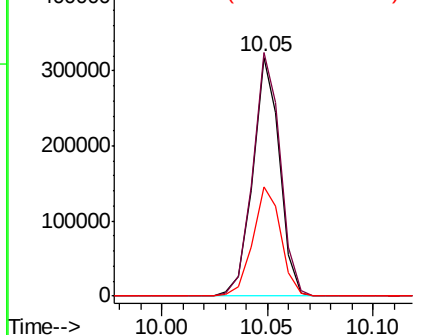


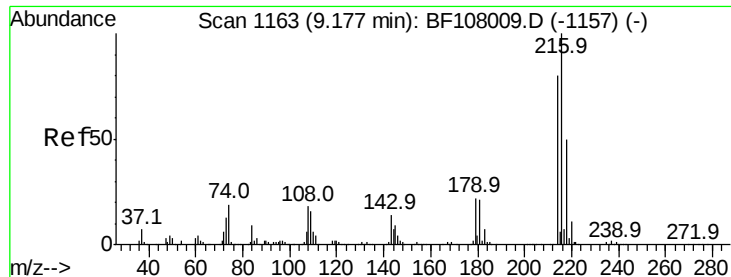
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF108415.D
 Acq: 23 Aug 2018 7:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	45.7	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

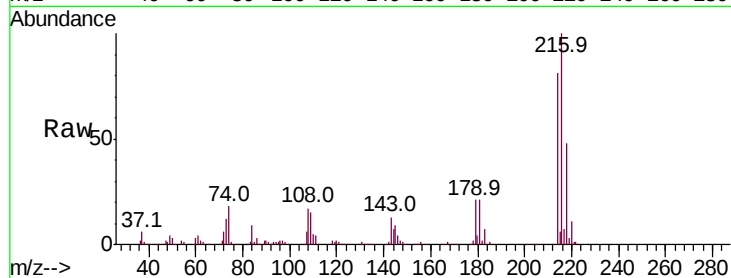




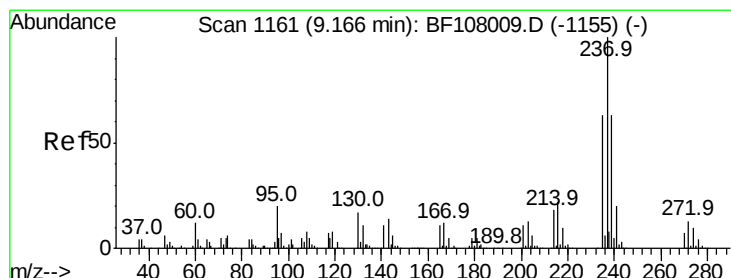
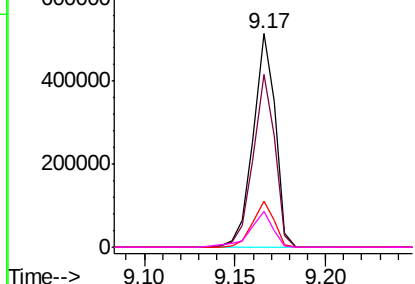
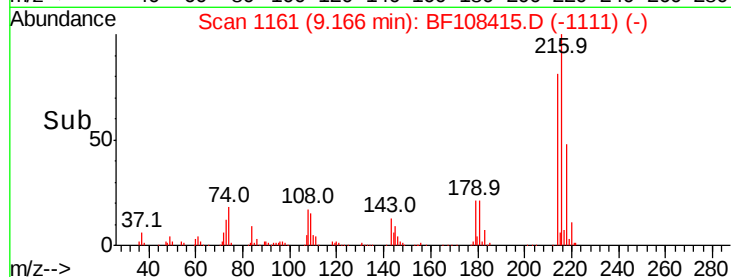
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.900 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF108415.D
 Acq: 23 Aug 2018 7:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	437966
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	20.8	18.1	27.1
108	17.2	17.2	25.8

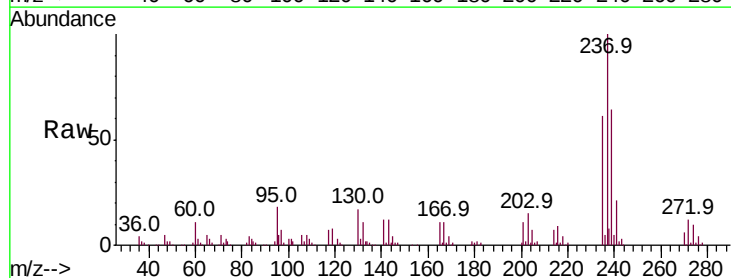


Abundance Ion 216.00 (215.70 to 216.70): E
 800000
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

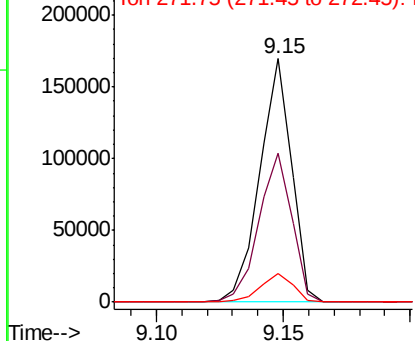
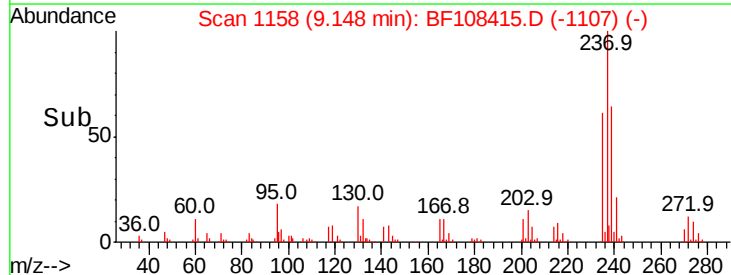


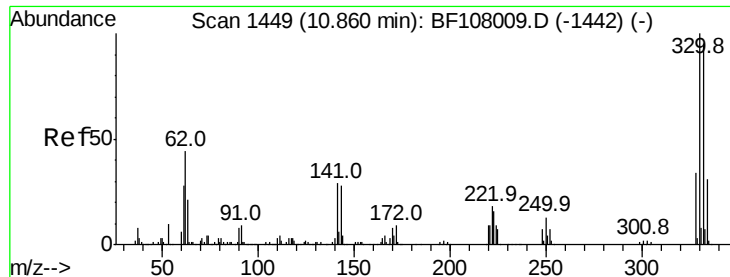
#40
 Hexachlorocyclopentadiene
 Concen: 26.924 ng
 RT: 9.15 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF108415.D
 Acq: 23 Aug 2018 7:35

Tgt Ion:	237	Resp:	149634
Ion	Ratio	Lower	Upper
237	100		
235	61.3	44.8	84.8
272	12.0	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 200000
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

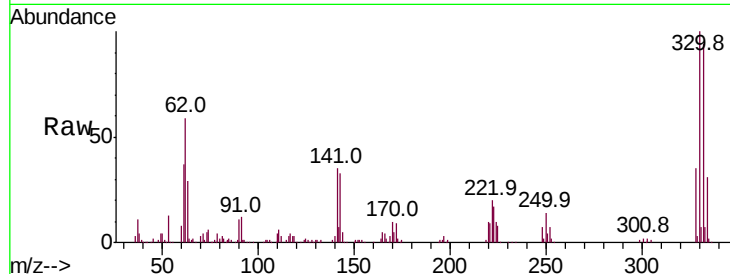




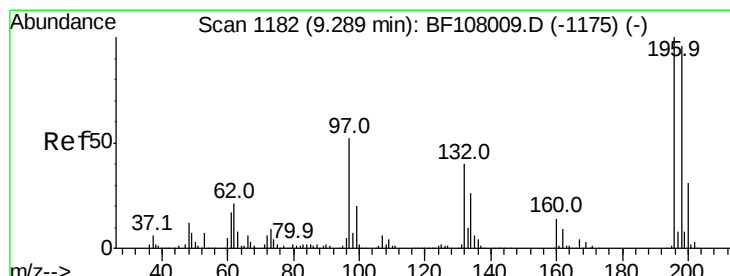
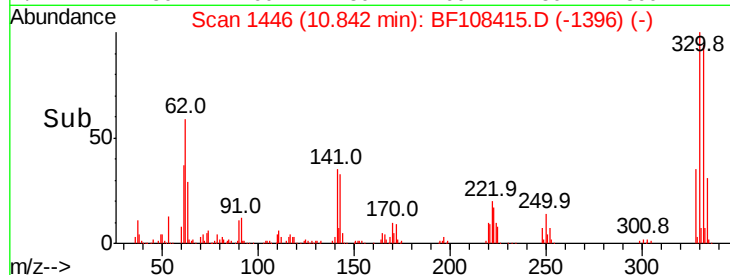
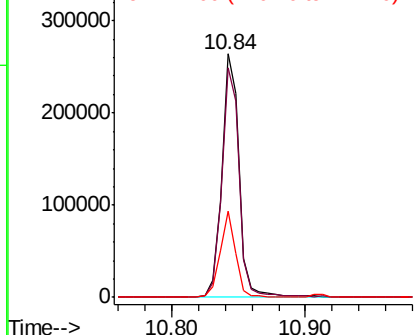
#41
 2,4,6-Tribromophenol
 Concen: 86.592 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108415.D
 Acq: 23 Aug 2018 7:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	31.9	29.9	44.9

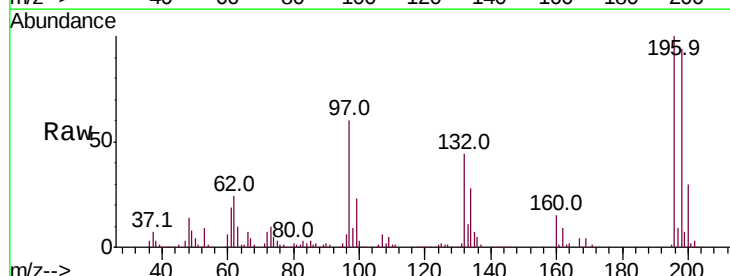


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

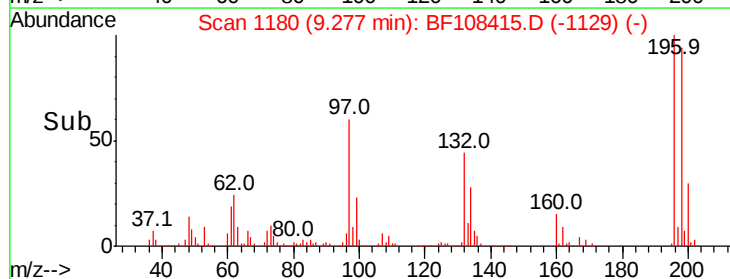
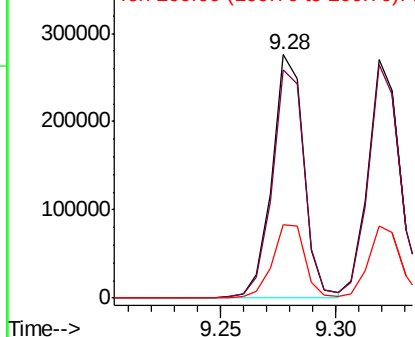


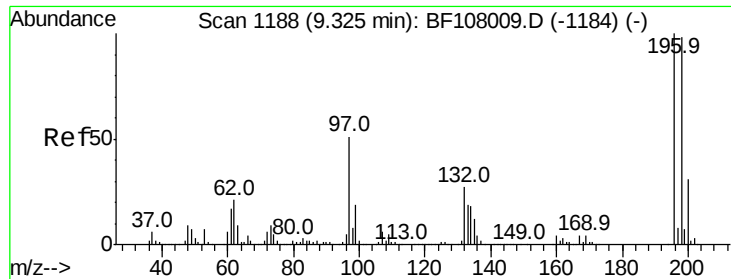
#42
 2,4,6-Trichlorophenol
 Concen: 49.432 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108415.D
 Acq: 23 Aug 2018 7:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.5	75.7	113.5
200	30.0	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

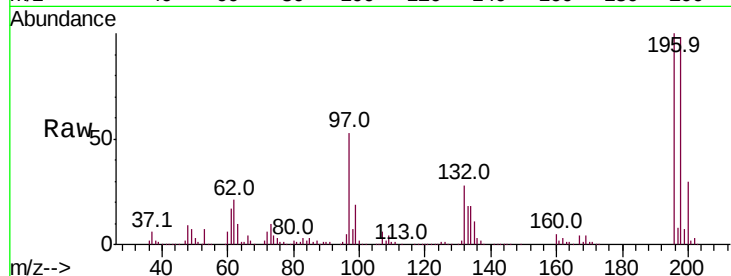




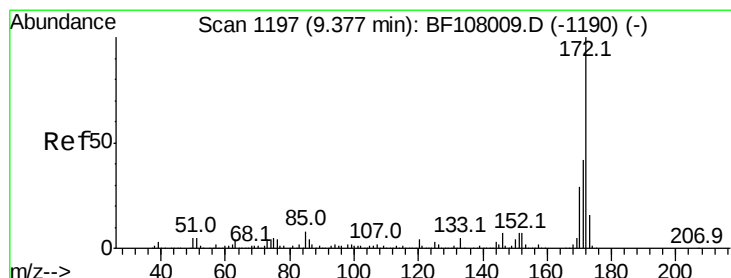
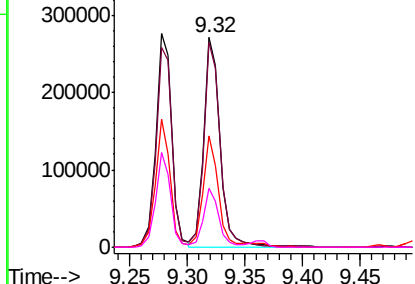
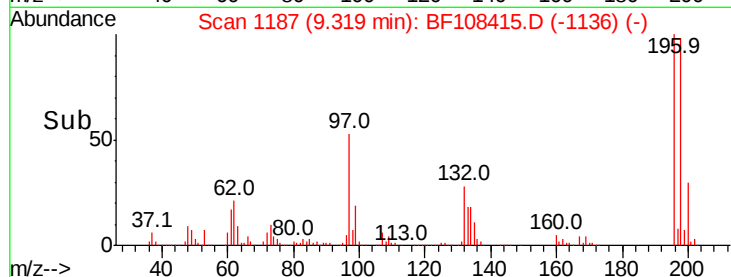
#43
 2,4,5-Trichlorophenol
 Concen: 46.101 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF108415.D
 Acq: 23 Aug 2018 7:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 270973
 Ion Ratio Lower Upper
 196 100
 198 97.8 74.6 112.0
 97 52.9 42.9 64.3
 132 28.1 26.3 39.5

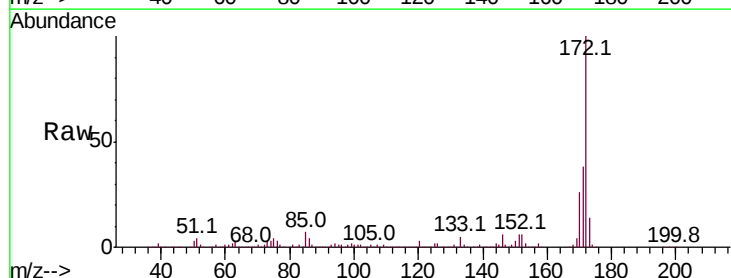


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

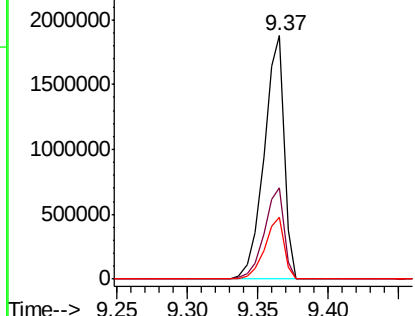
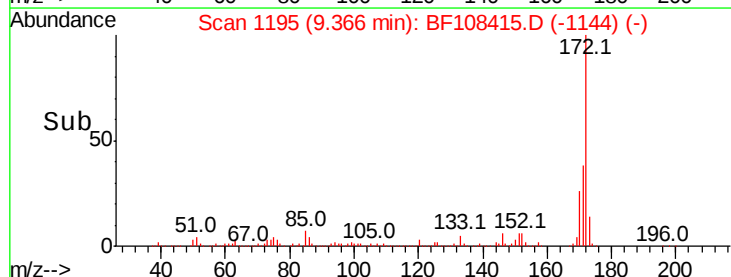


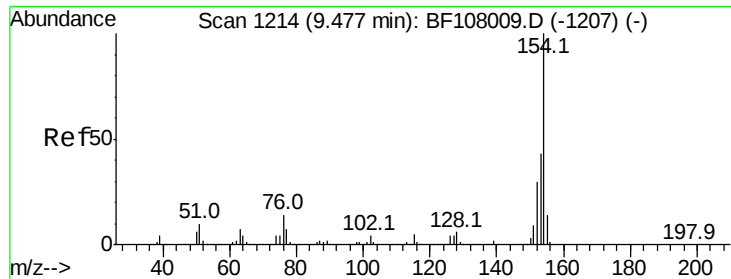
#44
 2-Fluorobiphenyl
 Concen: 108.020 ng
 RT: 9.37 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF108415.D
 Acq: 23 Aug 2018 7:35

Tgt Ion:172 Resp: 1885202
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.7 44.5
 170 25.6 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



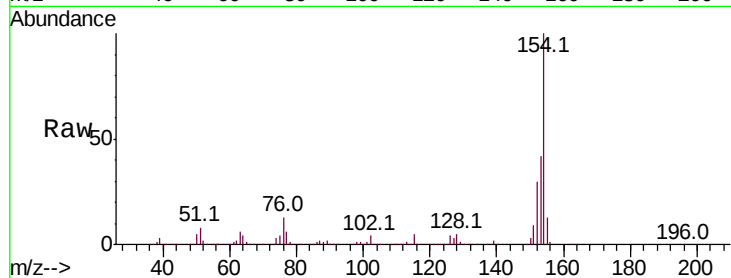


#45
 1,1'-Biphenyl
 Concen: 50.067 ng
 RT: 9.47 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF108415.D
 Acq: 23 Aug 2018 7:35

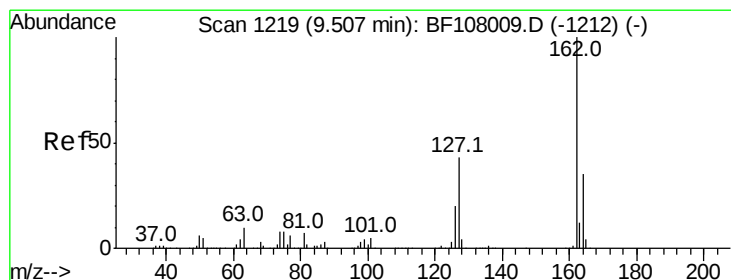
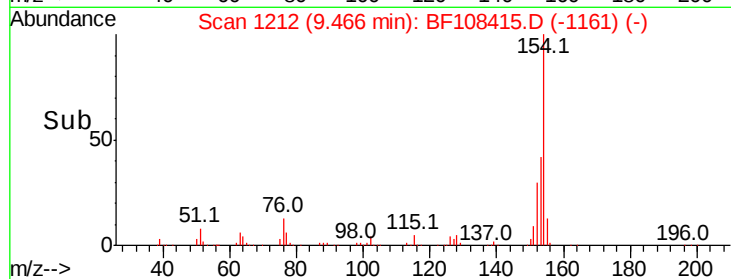
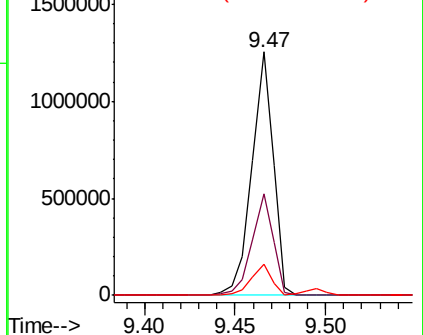
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1034313

Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.3	61.3
76	12.9	0.0	34.0



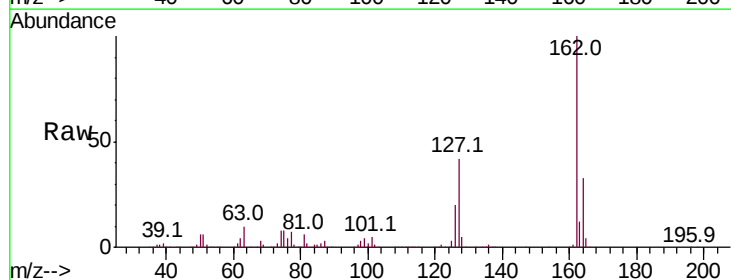
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1



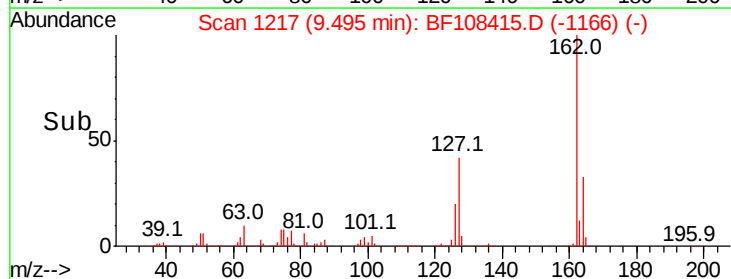
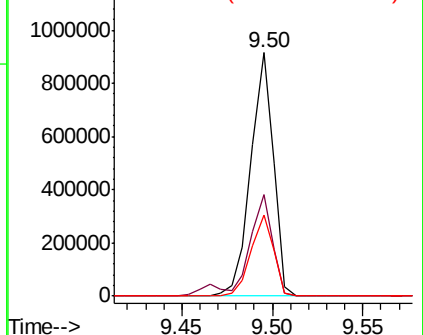
#46
 2-Chloronaphthalene
 Concen: 48.819 ng
 RT: 9.50 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF108415.D
 Acq: 23 Aug 2018 7:35

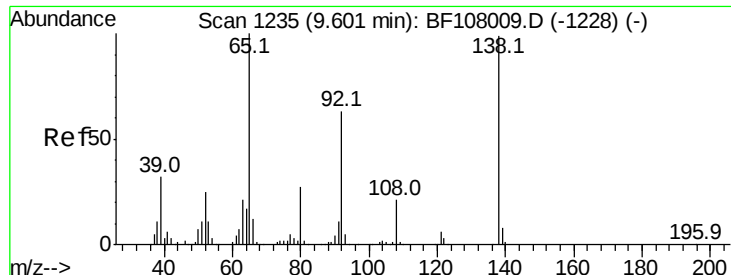
Tgt Ion:162 Resp: 797107

Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.9	50.9
164	33.2	26.5	39.7



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





#47

2-Nitroaniline

Concen: 51.967 ng

RT: 9.59 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF108415.D

Acq: 23 Aug 2018 7:35

Instrument :

BNA_F

ClientSampleId :

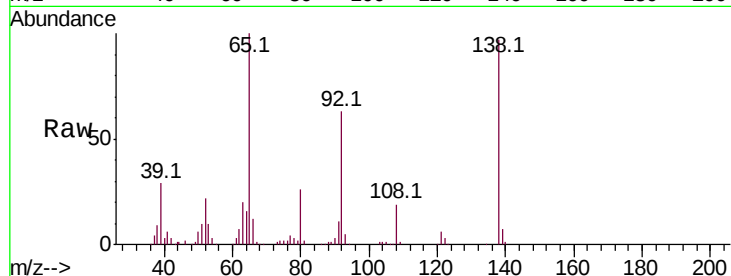
Tot Ion: 65 Resp: 274545

Ion Ratio Lower Upper

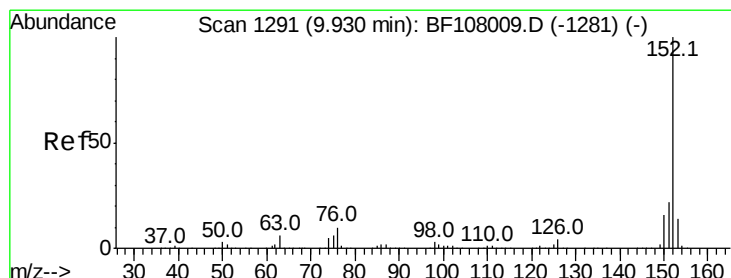
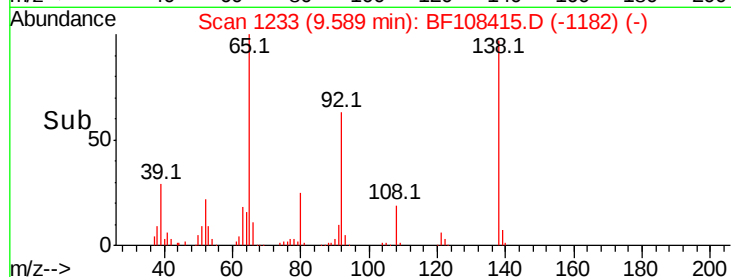
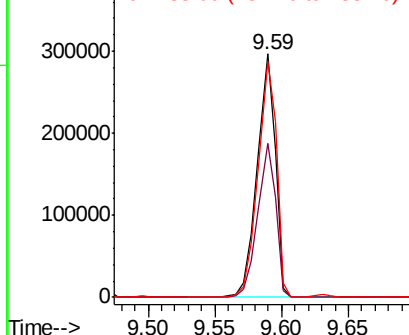
65 100

92 63.1 55.8 83.6

138 96.9 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): E



#48

Acenaphthylene

Concen: 48.440 ng

RT: 9.91 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF108415.D

Acq: 23 Aug 2018 7:35

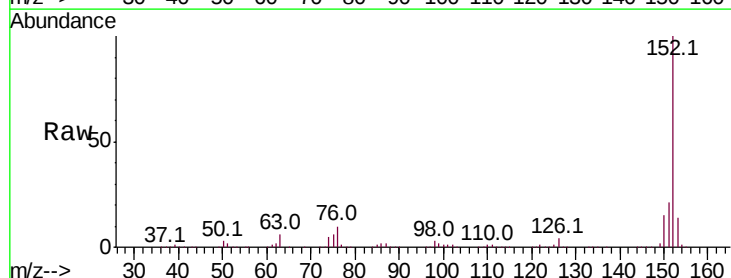
Tgt Ion: 152 Resp: 1250395

Ion Ratio Lower Upper

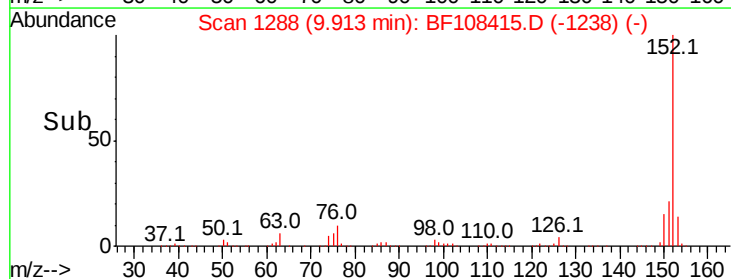
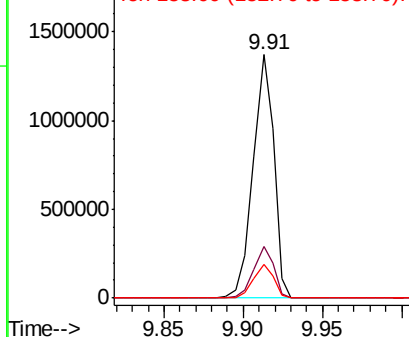
152 100

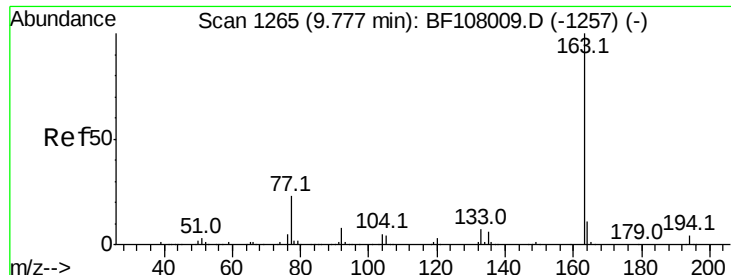
151 21.0 16.3 24.5

153 13.8 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

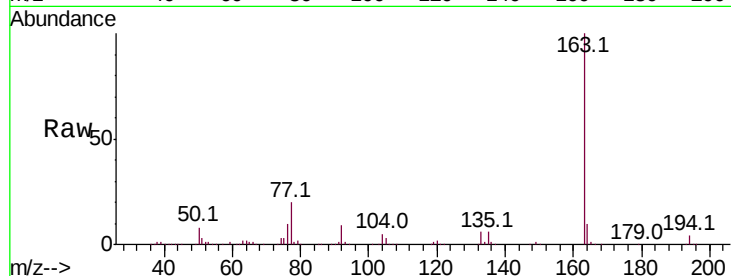




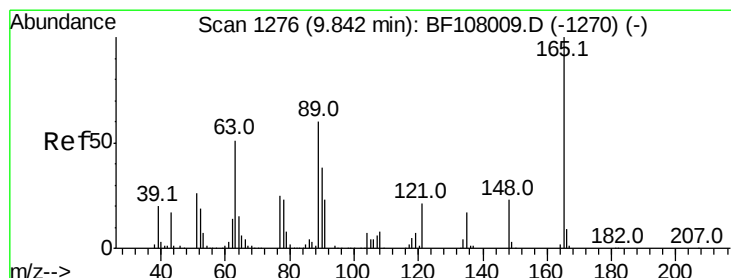
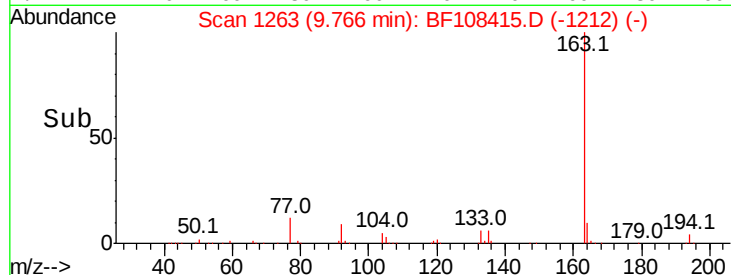
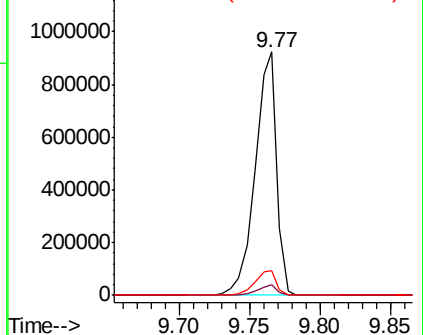
#49
Dimethylphthalate
Concen: 50.575 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108415.D
Acq: 23 Aug 2018 7:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 987118
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.3 8.2 12.2

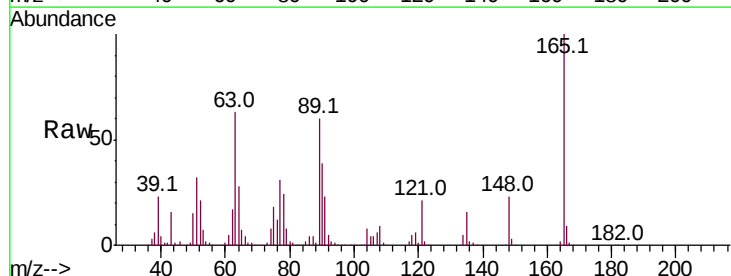


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

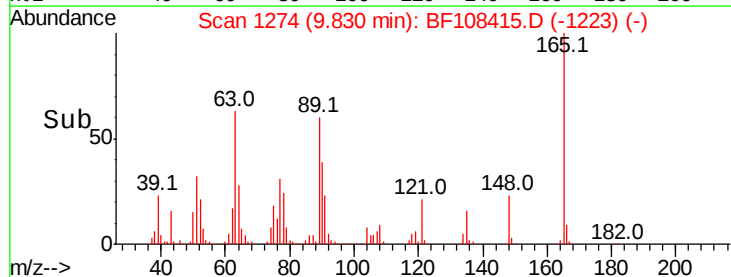
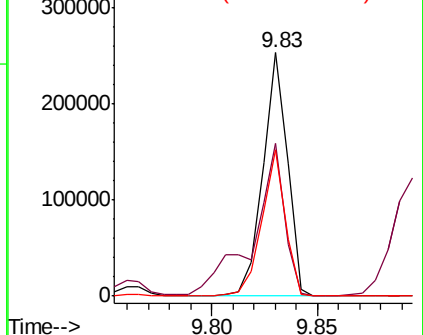


#50
2,6-Dinitrotoluene
Concen: 50.146 ng
RT: 9.83 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF108415.D
Acq: 23 Aug 2018 7:35

Tgt Ion:165 Resp: 204771
Ion Ratio Lower Upper
165 100
63 62.6 44.7 67.1
89 60.2 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: 46.337 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108415.D

Acq: 23 Aug 2018 7:35

Instrument :

BNA_F

ClientSampleId :

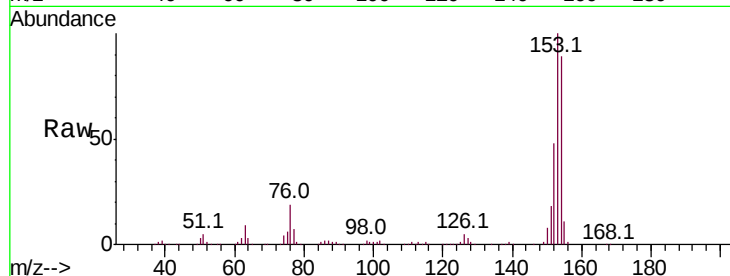
Tot Ion:154 Resp: 732599

Ion Ratio Lower Upper

154 100

153 111.9 91.2 136.8

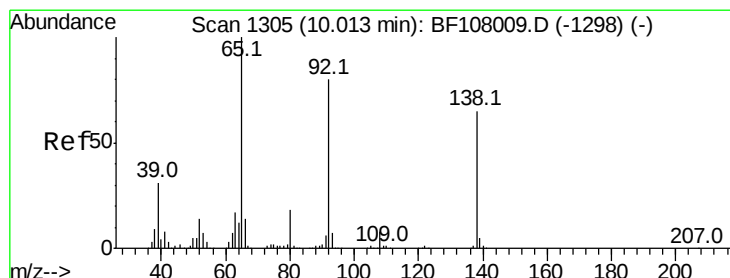
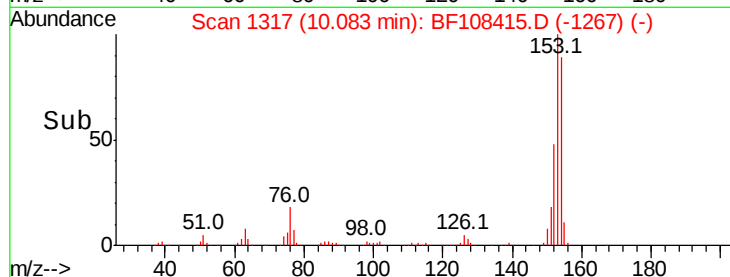
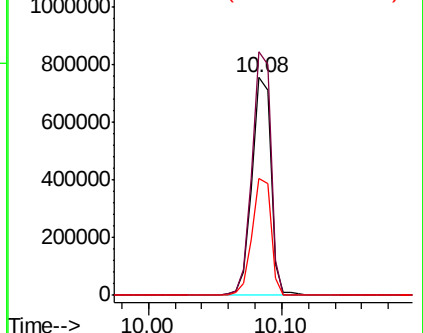
152 53.9 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.997 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF108415.D

Acq: 23 Aug 2018 7:35

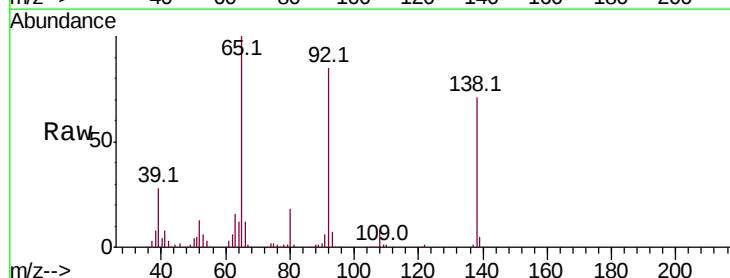
Tgt Ion:138 Resp: 138492

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

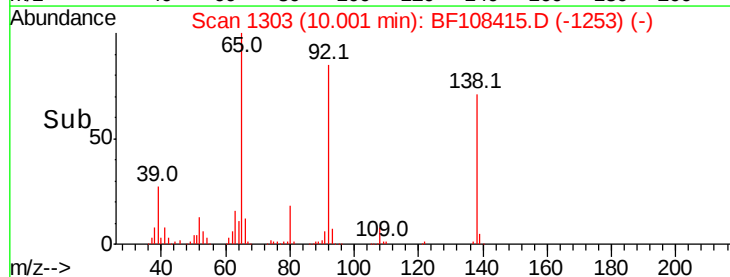
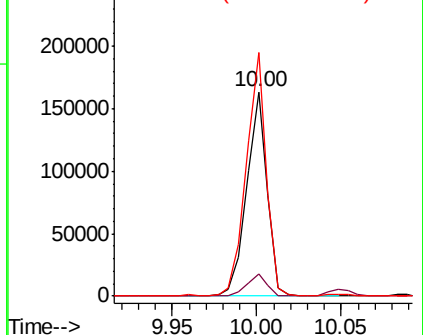
92 119.4 89.4 134.2

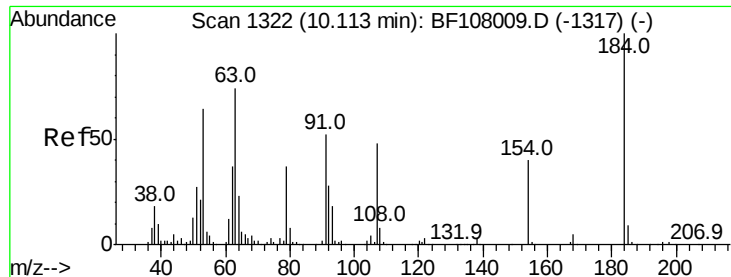


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

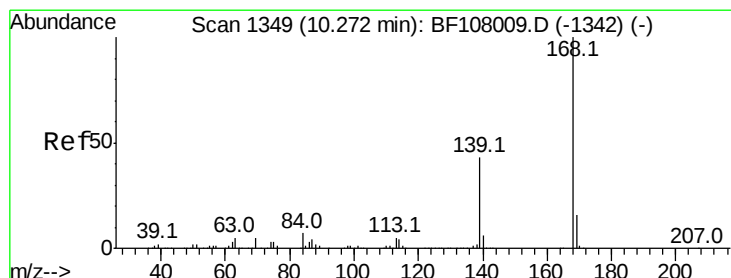
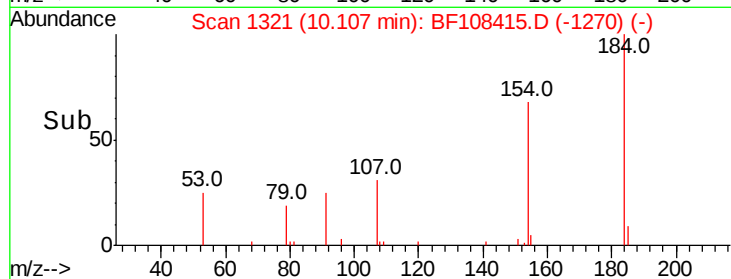
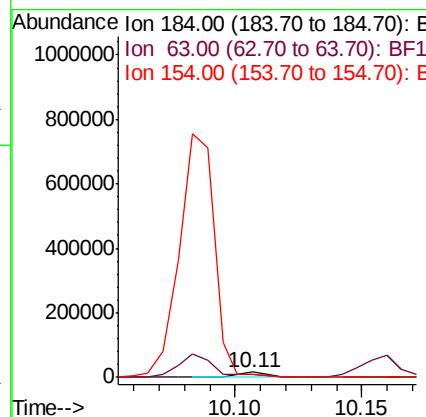
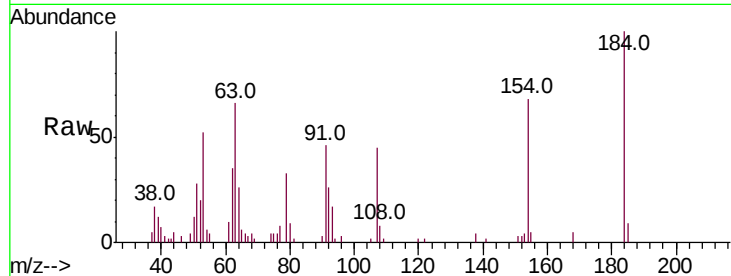




#53
 2,4-Dinitrophenol
 Concen: 16.038 ng
 RT: 10.11 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF108415.D
 Acq: 23 Aug 2018 7:35

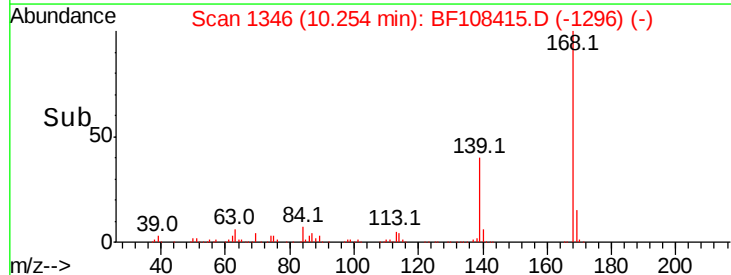
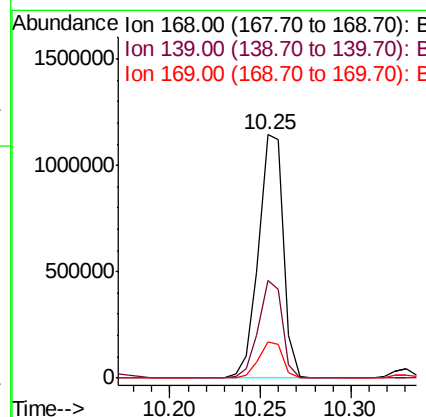
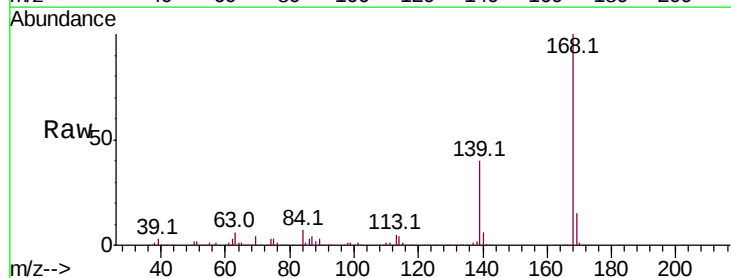
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184	Resp:	15106	
Ion Ratio	Lower	Upper	
184 100			
63 65.9	54.2	81.2	
154 67.7	184.0	276.0#	



#54
 Dibenzofuran
 Concen: 47.653 ng
 RT: 10.25 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF108415.D
 Acq: 23 Aug 2018 7:35

Tgt	Ion:168	Resp:	1091536
Ion	Ratio	Lower	Upper
168	100		
139	40.1	30.1	45.1
169	14.7	10.9	16.3

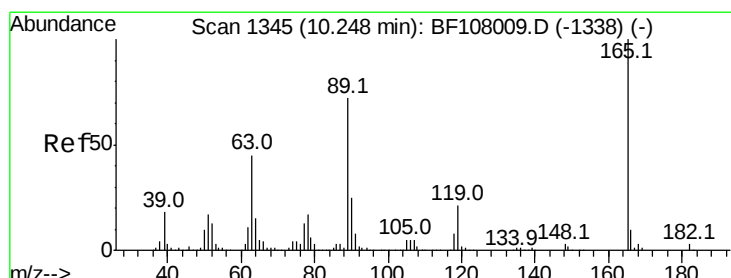
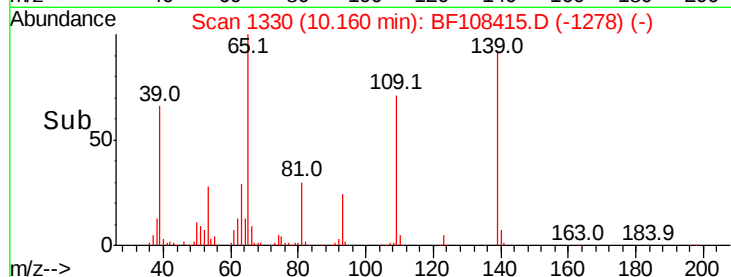
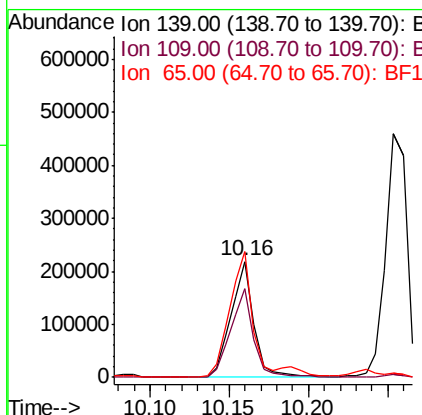
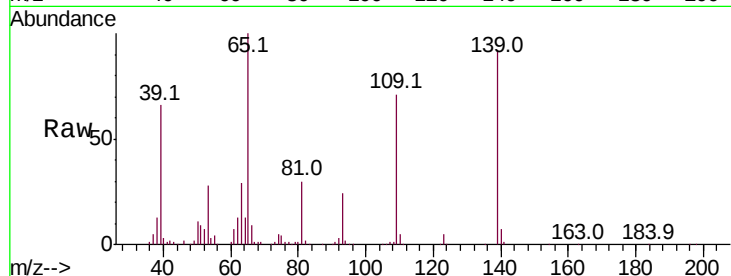




#55
4-Nitrophenol
Concen: 65.237 ng
RT: 10.16 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF108415.D
Acq: 23 Aug 2018 7:35

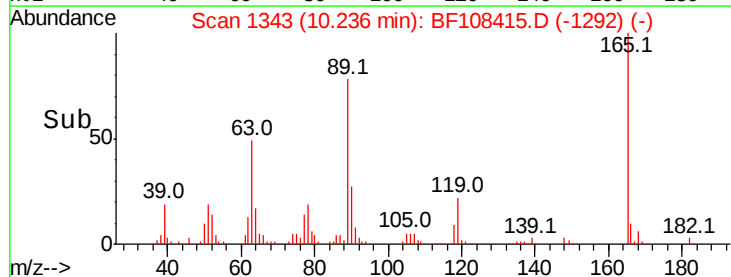
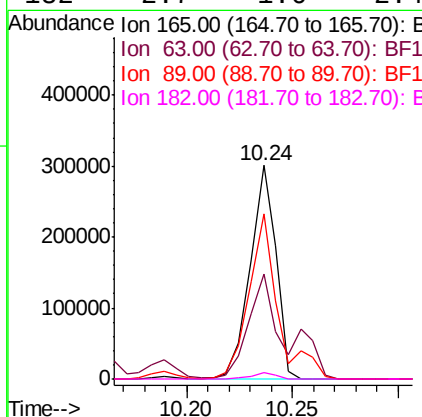
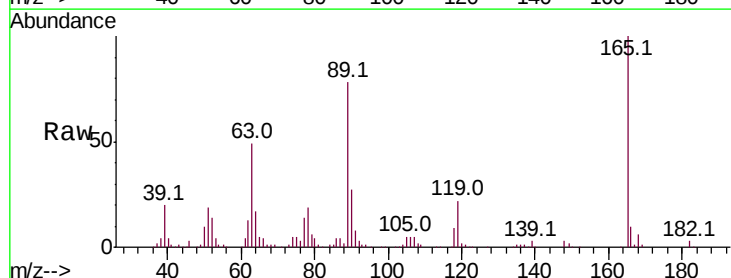
Instrument :
BNA_F
ClientSampleId :

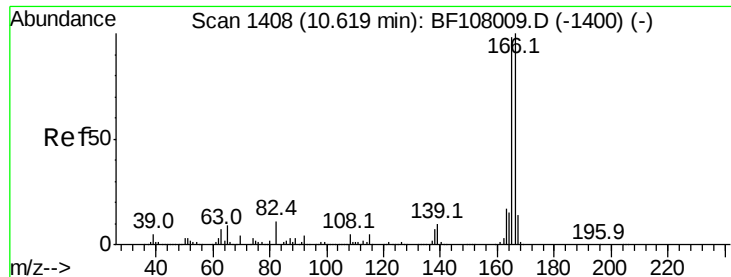
Tot Ion	Ratio	Lower	Upper
139	100		
109	77.2	48.4	88.4
65	108.8	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 48.947 ng
RT: 10.24 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF108415.D
Acq: 23 Aug 2018 7:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.4	36.4	54.6
89	77.6	57.8	86.6
182	2.7	1.6	2.4#





#57

Fluorene

Concen: 46.453 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BF108415.D

Acq: 23 Aug 2018 7:35

Instrument :

BNA_F

ClientSampleId :

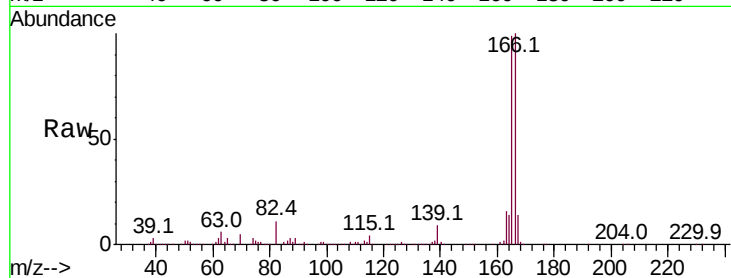
Tot Ion:166 Resp: 842309

Ion Ratio Lower Upper

166 100

165 98.5 79.8 119.8

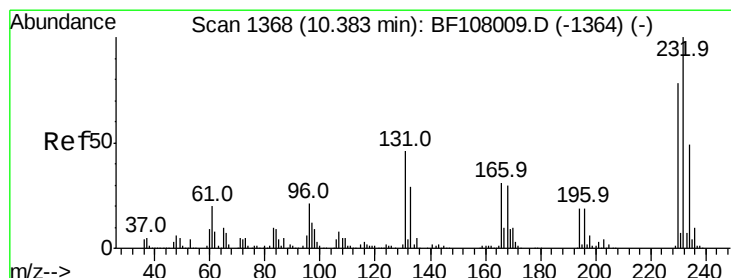
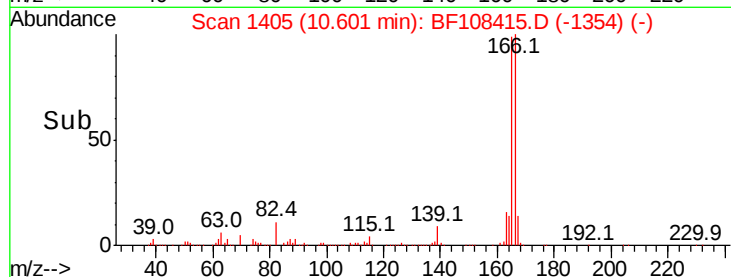
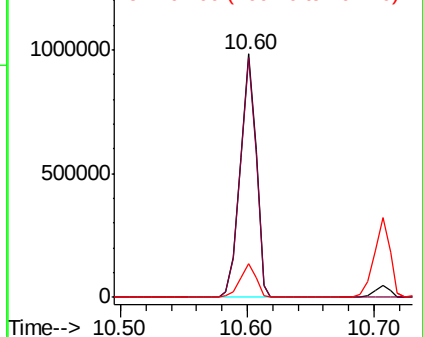
167 13.6 10.6 16.0



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: 40.926 ng

RT: 10.37 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BF108415.D

Acq: 23 Aug 2018 7:35

Tgt Ion:232 Resp: 201064

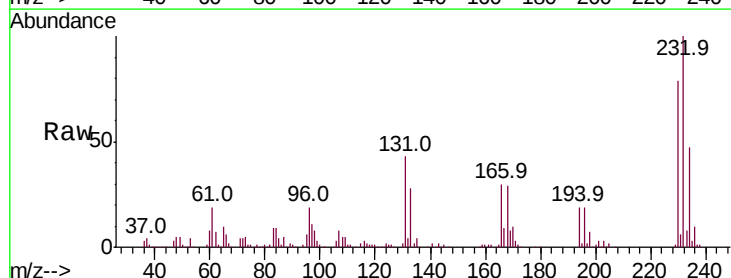
Ion Ratio Lower Upper

232 100

131 40.4 43.8 65.8#

130 2.0 2.1 3.1#

166 28.0 27.8 41.6

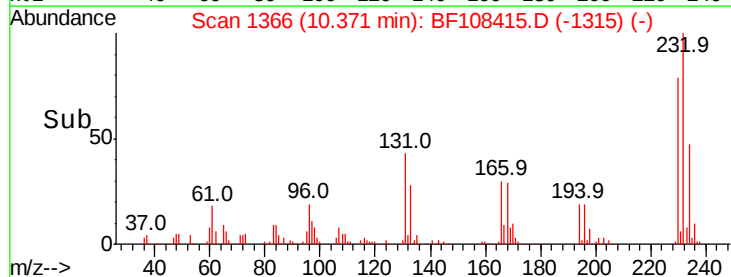
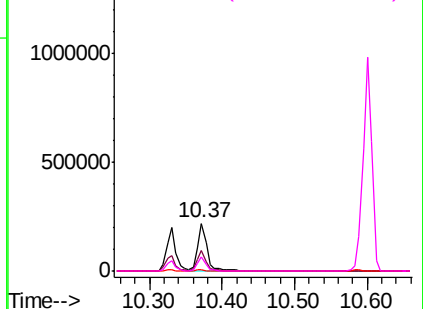


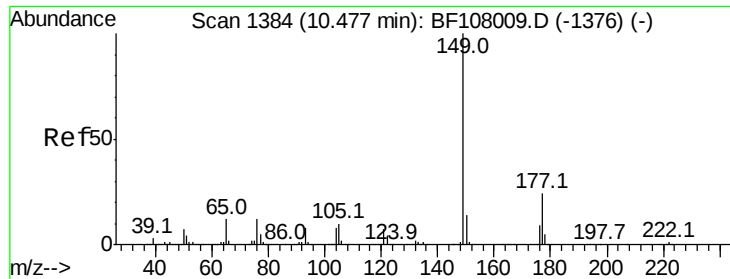
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

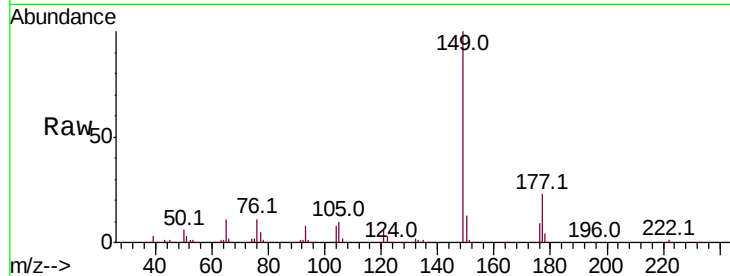




#59
Diethylphthalate
Concen: 49.320 ng
RT: 10.46 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF108415.D
Acq: 23 Aug 2018 7:35

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.6	16.1	24.1
150	13.2	10.1	15.1

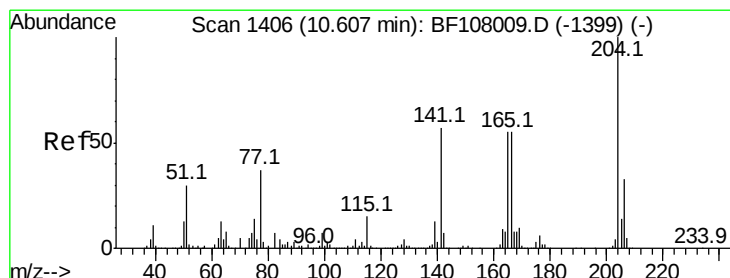
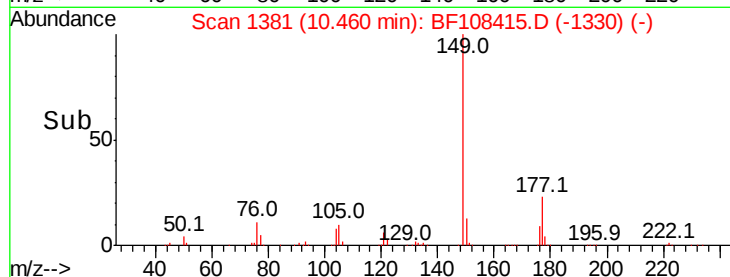
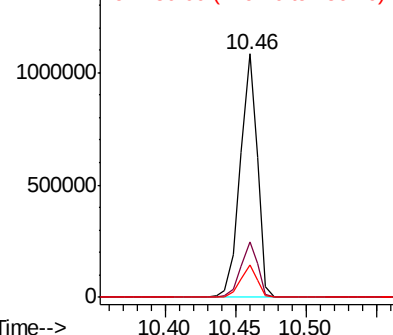


Abundance

Ion 149.00 (148.70 to 149.70): E

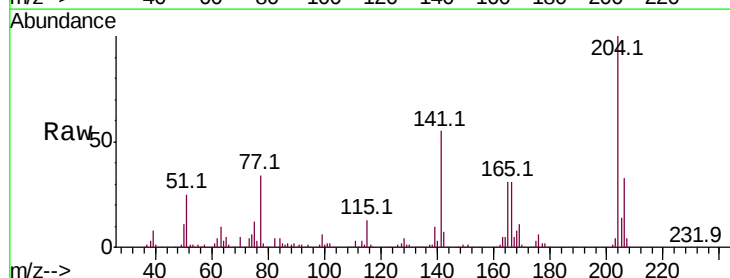
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 47.636 ng
RT: 10.59 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF108415.D
Acq: 23 Aug 2018 7:35

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	55.3	54.6	81.8

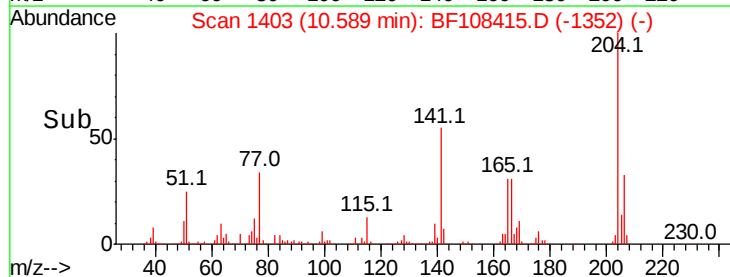
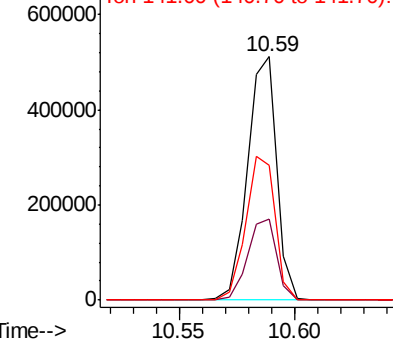


Abundance

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

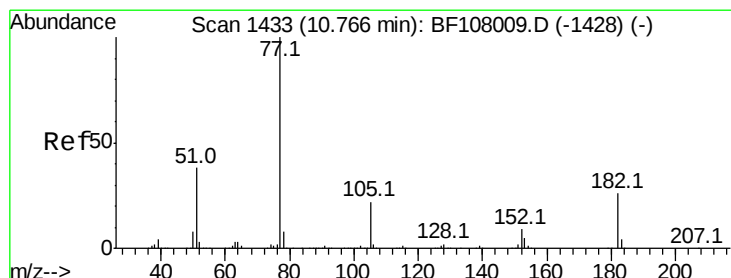
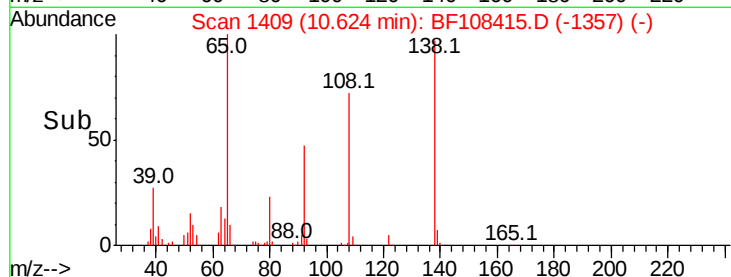
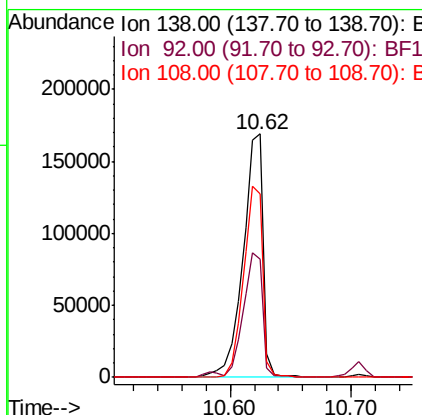
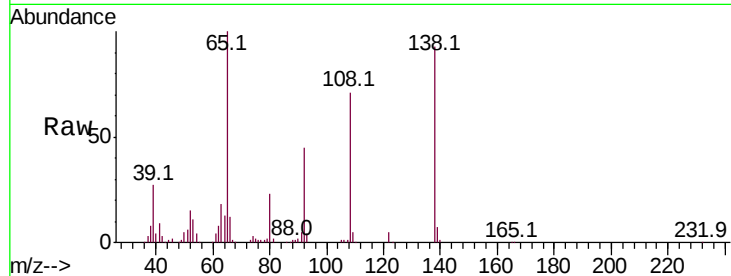




#61
4-Nitroaniline
Concen: 44.196 ng
RT: 10.62 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF108415.D
Acq: 23 Aug 2018 7:35

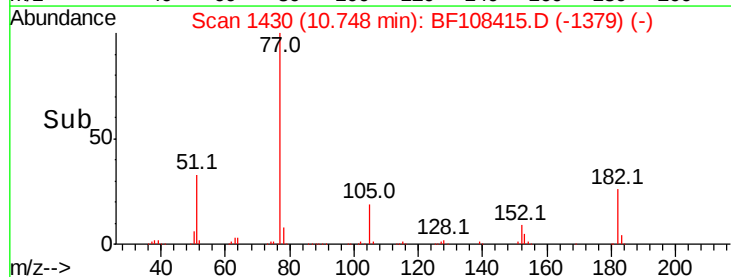
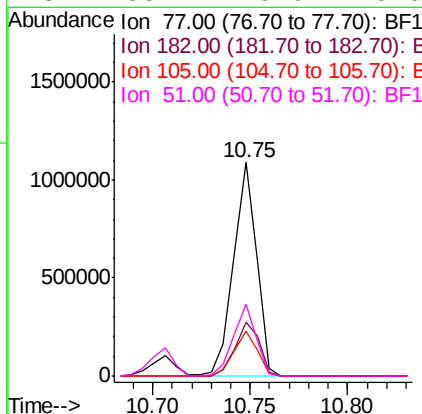
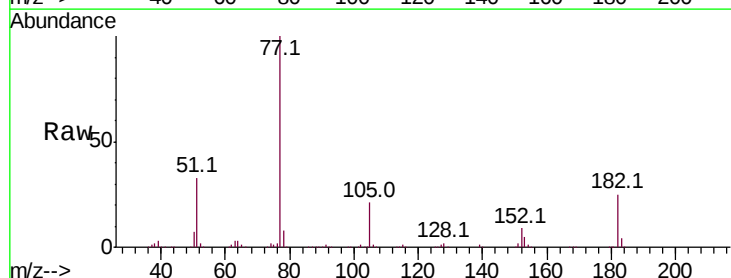
Instrument :
BNA_F
ClientSampleId :

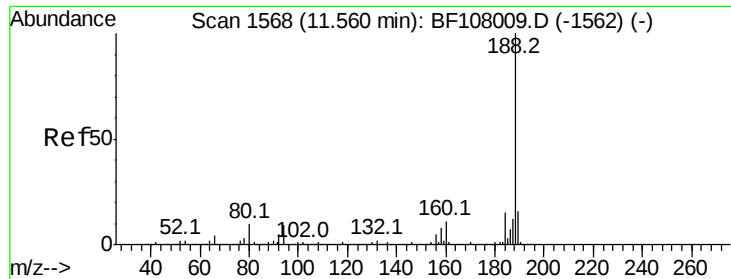
Tot Ion:138 Resp: 195227
Ion Ratio Lower Upper
138 100
92 48.6 30.2 70.2
108 75.5 52.5 92.5



#62
Azobenzene
Concen: 45.817 ng
RT: 10.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF108415.D
Acq: 23 Aug 2018 7:35

Tgt Ion: 77 Resp: 894264
Ion Ratio Lower Upper
77 100
182 25.3 1.7 41.7
105 20.9 3.0 43.0
51 33.4 9.9 49.9

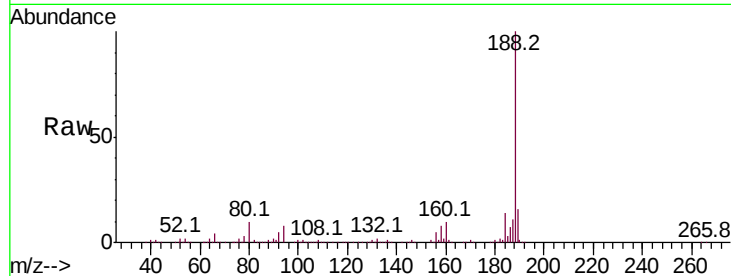




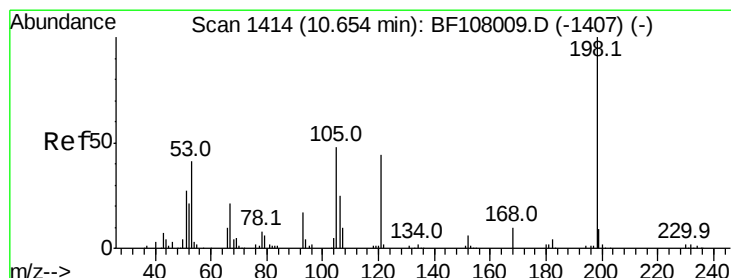
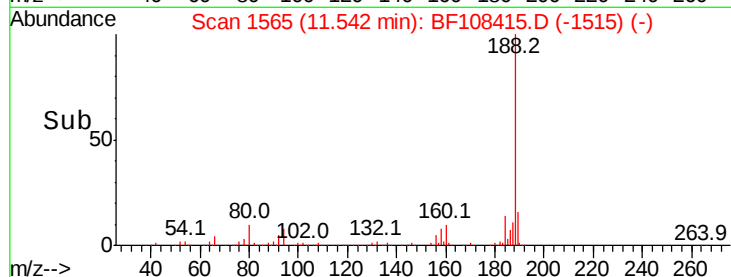
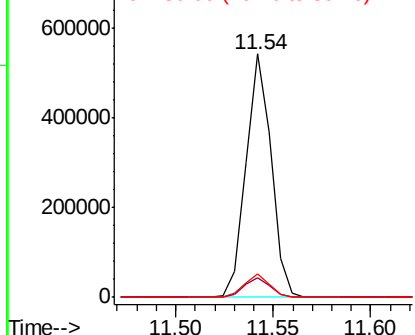
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108415.D
Acq: 23 Aug 2018 7:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 485175
Ion Ratio Lower Upper
188 100
94 8.3 8.5 12.7#
80 9.7 9.2 13.8

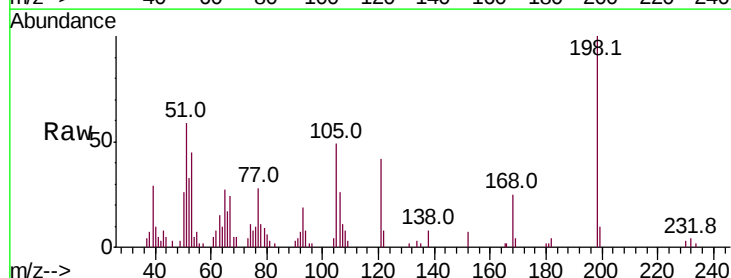


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

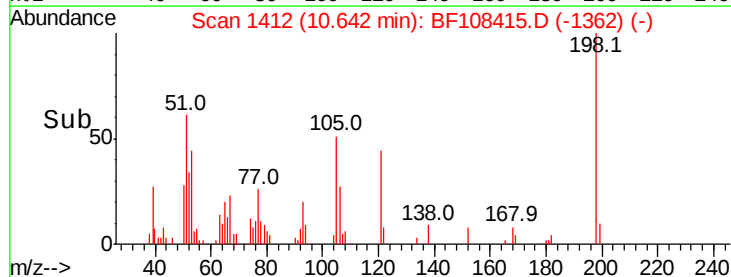
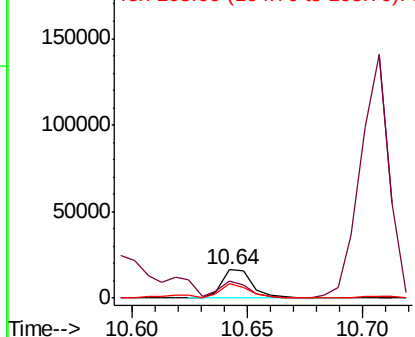


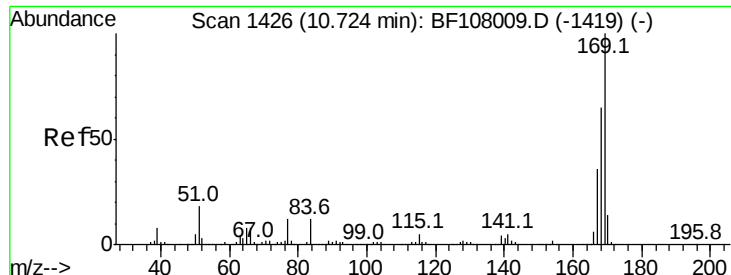
#64
4,6-Dinitro-2-methylphenol
Concen: 12.909 ng
RT: 10.64 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF108415.D
Acq: 23 Aug 2018 7:35

Tgt Ion:198 Resp: 15482
Ion Ratio Lower Upper
198 100
51 58.8 37.7 77.7
105 48.7 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

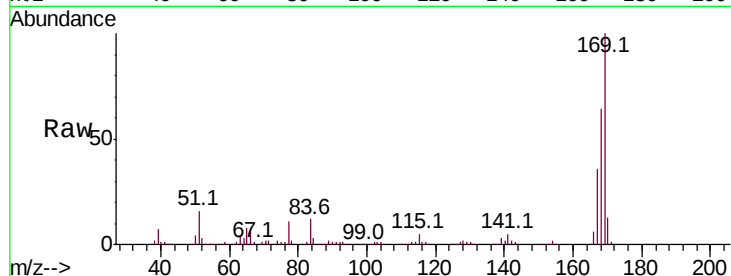




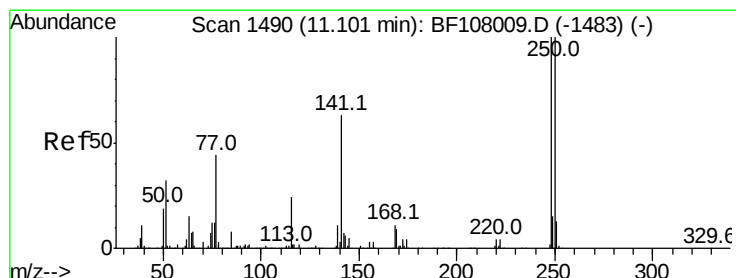
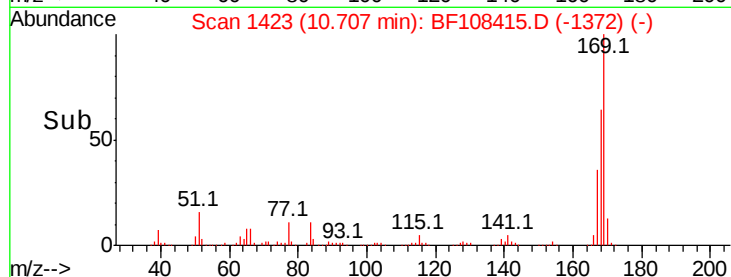
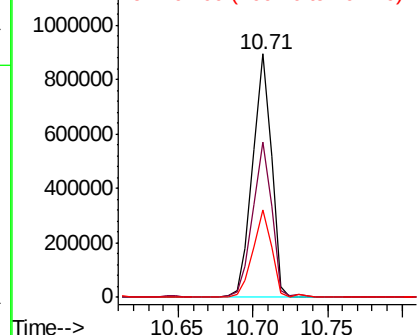
#65
n-Nitrosodiphenylamine
Concen: 54.621 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF108415.D
Acq: 23 Aug 2018 7:35

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

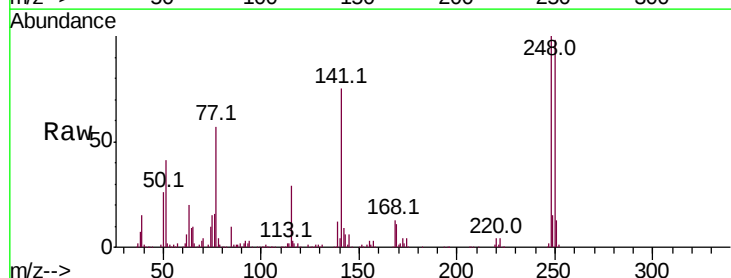


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

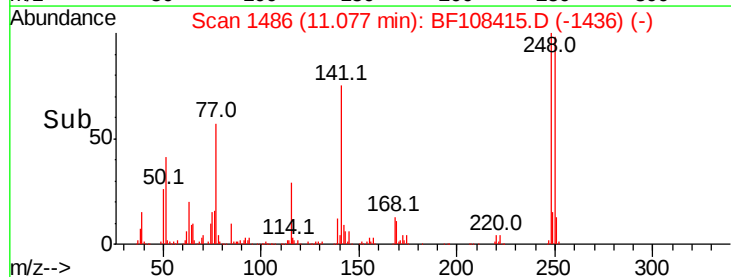
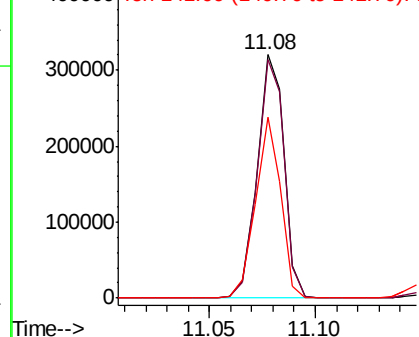


#66
4-Bromophenyl-phenylether
Concen: 53.979 ng
RT: 11.08 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BF108415.D
Acq: 23 Aug 2018 7:35

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.9	115.3
141	74.5	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

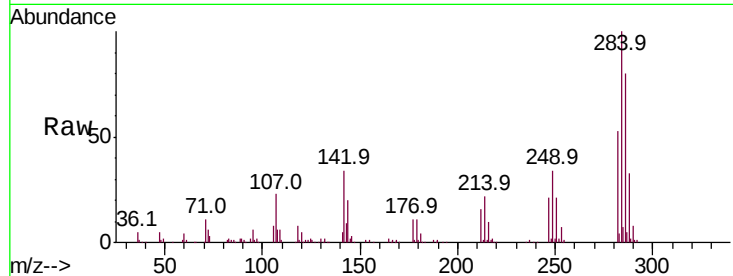




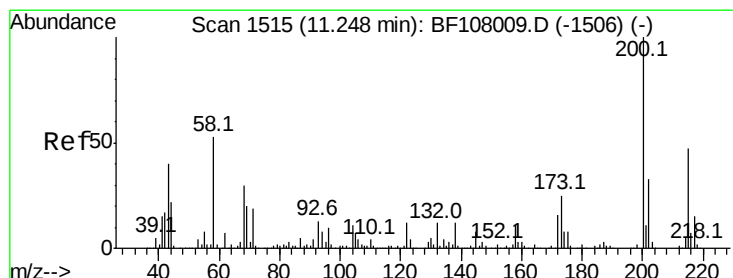
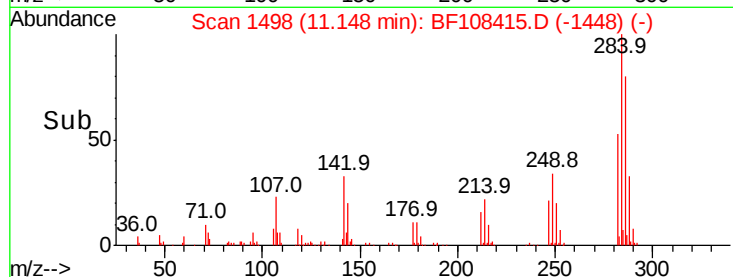
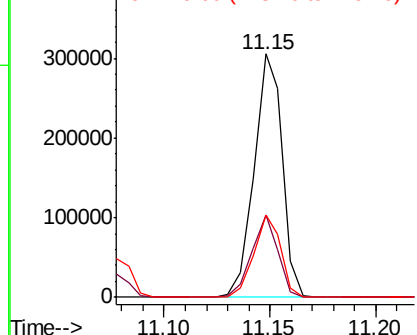
#67
Hexachlorobenzene
Concen: 50.858 ng
RT: 11.15 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF108415.D
Acq: 23 Aug 2018 7:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.9	34.6	52.0#
249	34.0	24.8	37.2

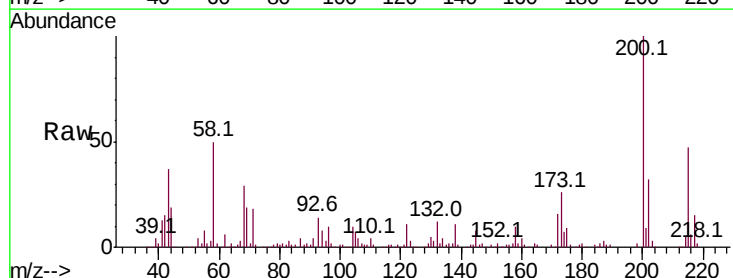


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

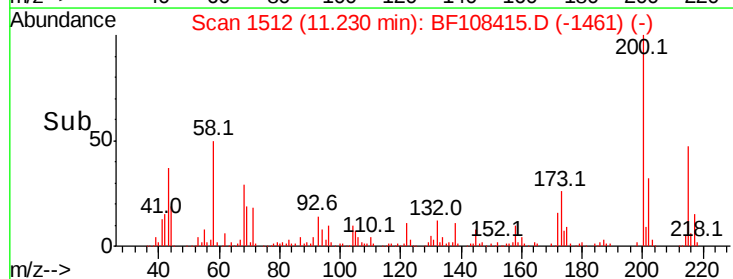
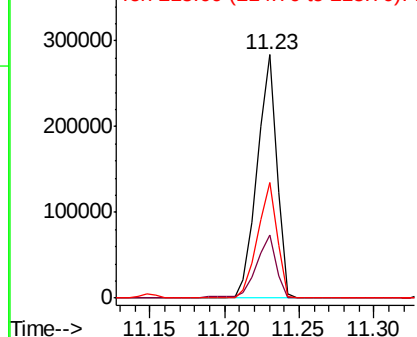


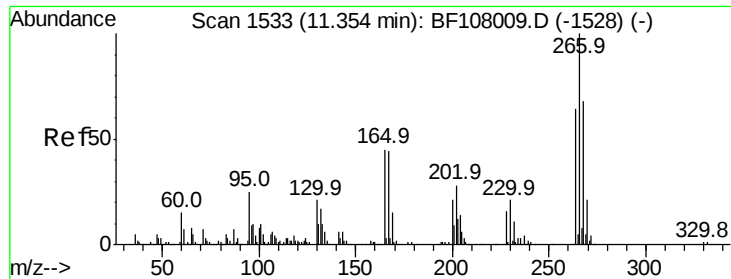
#68
Atrazine
Concen: 53.519 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF108415.D
Acq: 23 Aug 2018 7:35

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.2	8.6	48.6
215	47.4	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

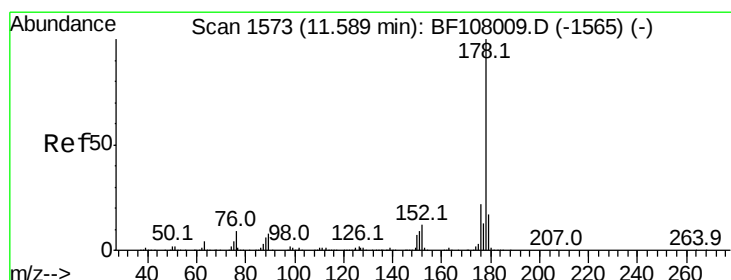
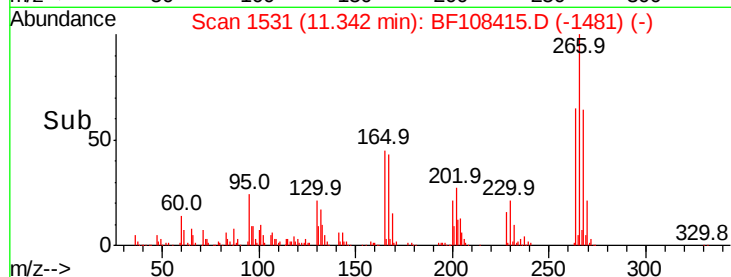
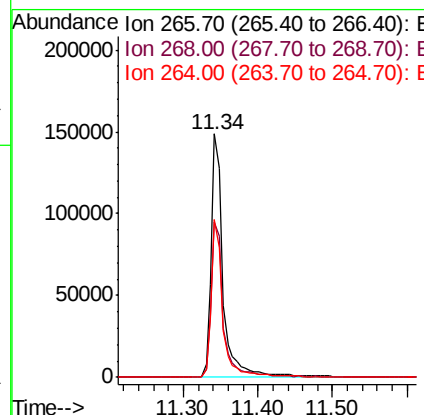
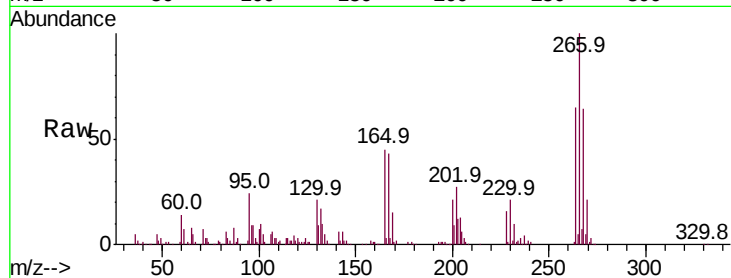




#69
 Pentachlorophenol
 Concen: 62.812 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108415.D
 Acq: 23 Aug 2018 7:35

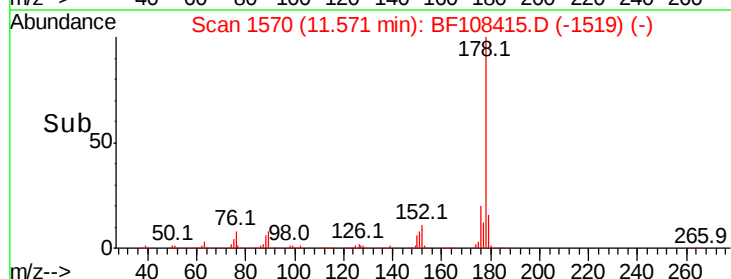
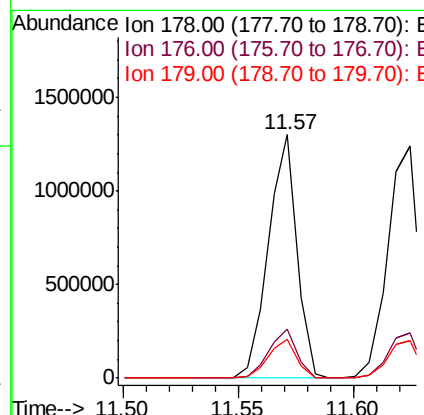
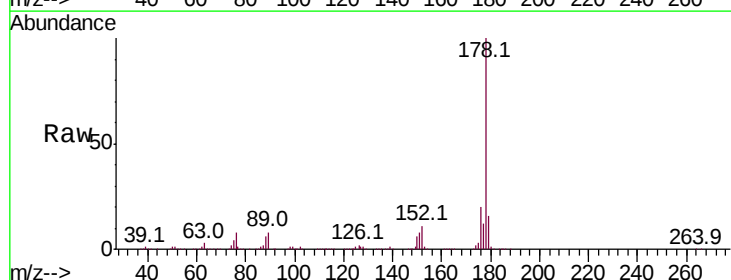
Instrument :
 BNA_F
 ClientSampleId :

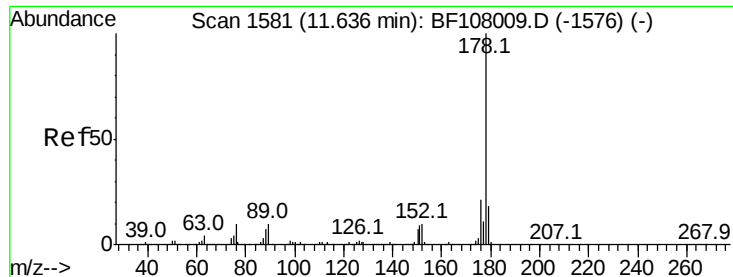
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.1	76.7
264	64.7	49.5	74.3



#70
 Phenanthrene
 Concen: 48.880 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF108415.D
 Acq: 23 Aug 2018 7:35

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

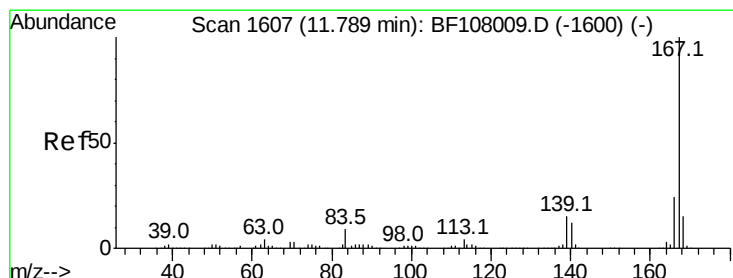
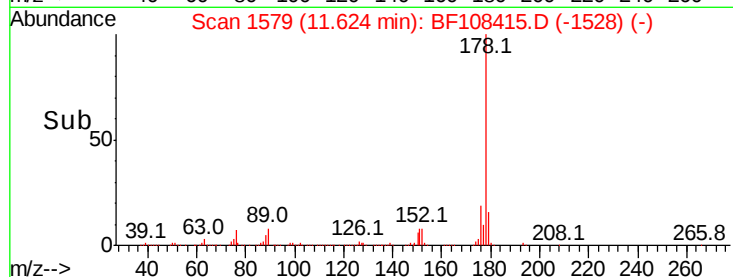
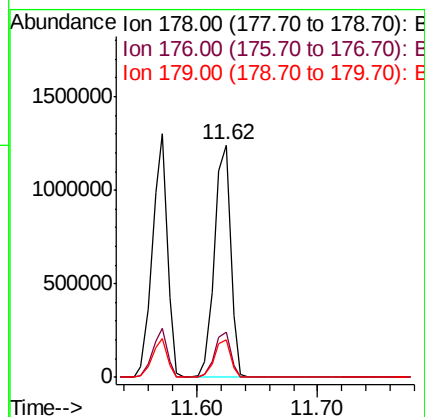
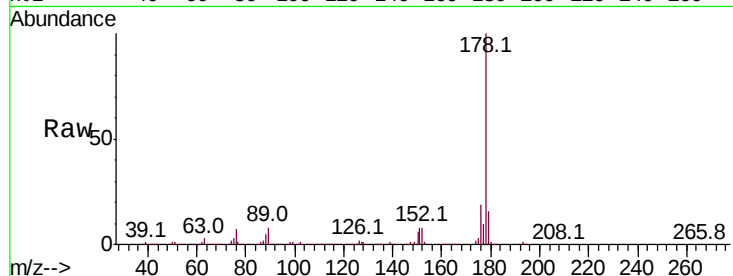




#71
 Anthracene
 Concen: 48.850 ng
 RT: 11.62 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF108415.D
 Acq: 23 Aug 2018 7:35

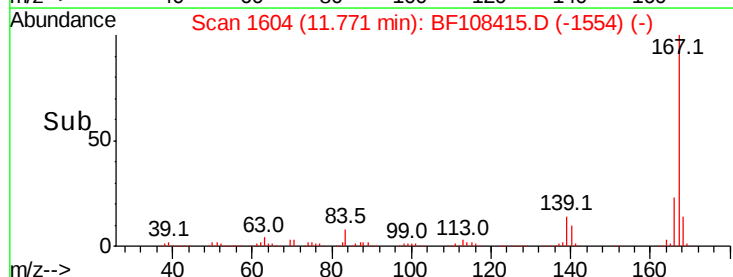
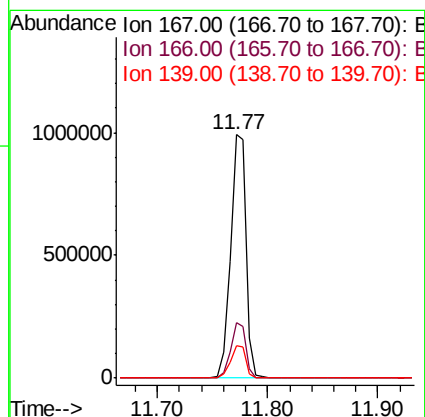
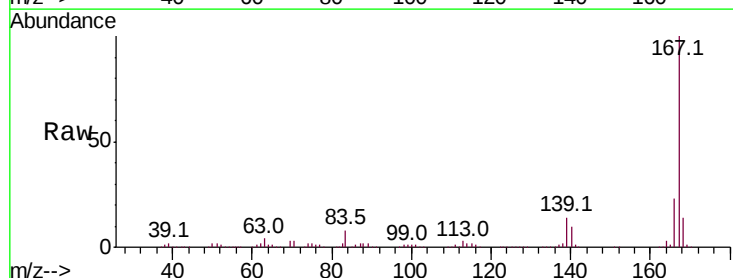
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1145748
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 46.557 ng
 RT: 11.77 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF108415.D
 Acq: 23 Aug 2018 7:35

Tgt Ion:167 Resp: 970192
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 13.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 55.535 ng

RT: 12.09 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BF108415.D

Acq: 23 Aug 2018 7:35

Instrument :

BNA_F

ClientSampleId :

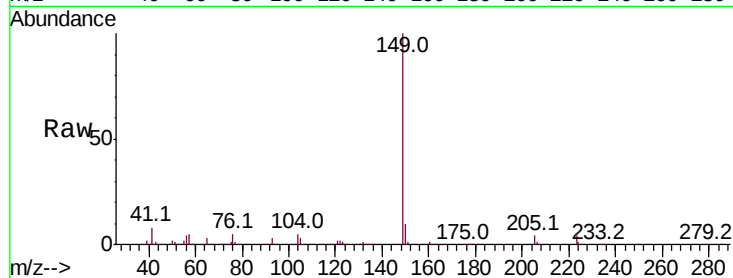
Tot Ion:149 Resp: 1310826

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

104 5.3 3.8 5.8

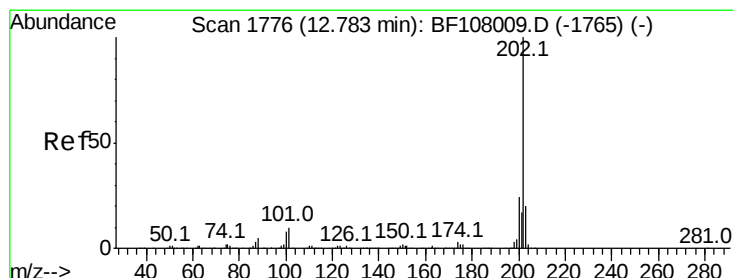
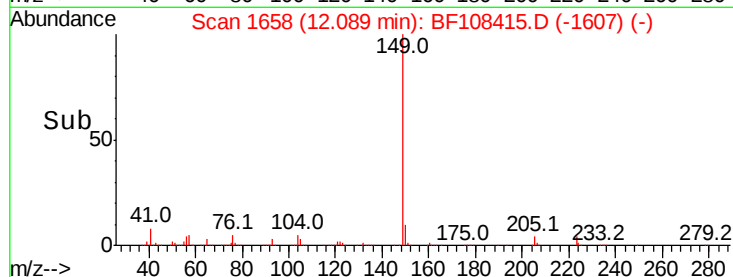
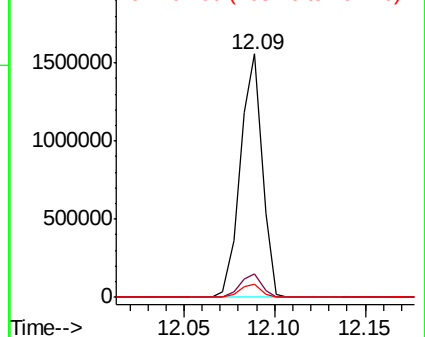


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.387 ng

RT: 12.77 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BF108415.D

Acq: 23 Aug 2018 7:35

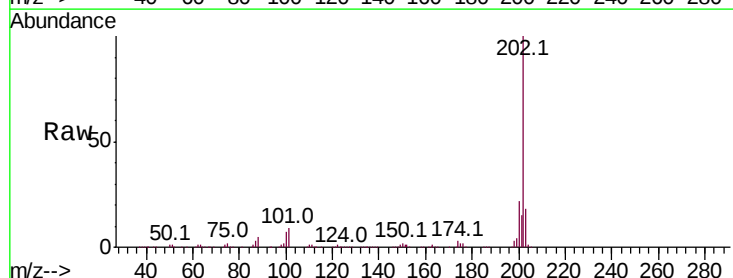
Tgt Ion:202 Resp: 1033647

Ion Ratio Lower Upper

202 100

101 9.3 0.0 34.1

203 18.2 0.0 38.1

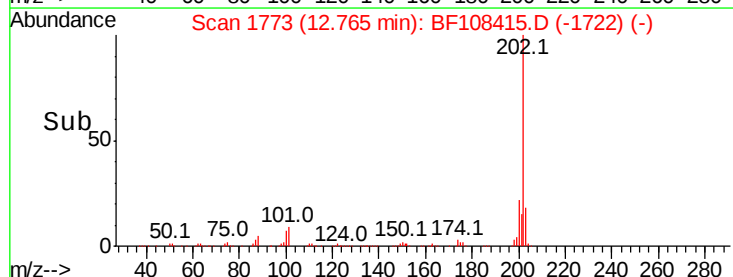
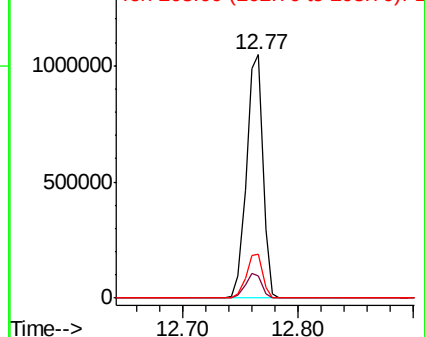


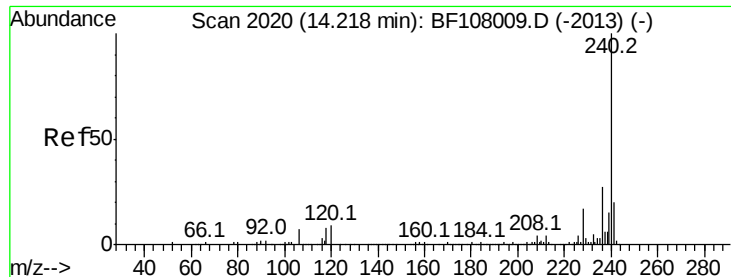
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108415.D

Acq: 23 Aug 2018 7:35

Instrument :

BNA_F

ClientSampleId :

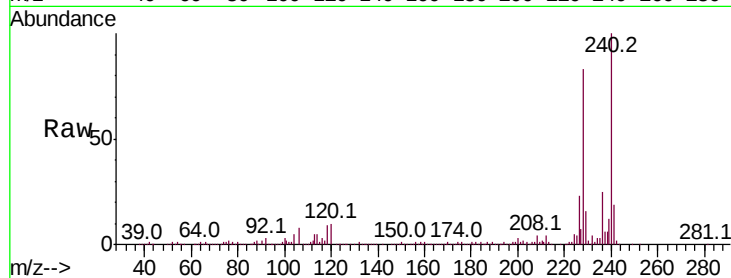
Tot Ion:240 Resp: 311857

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

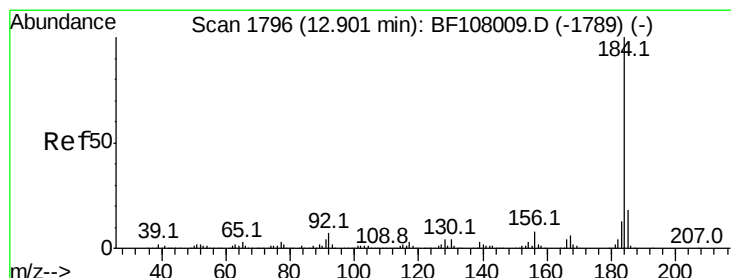
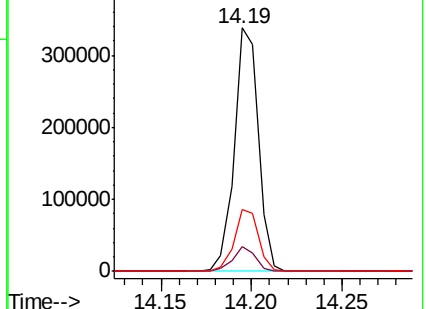
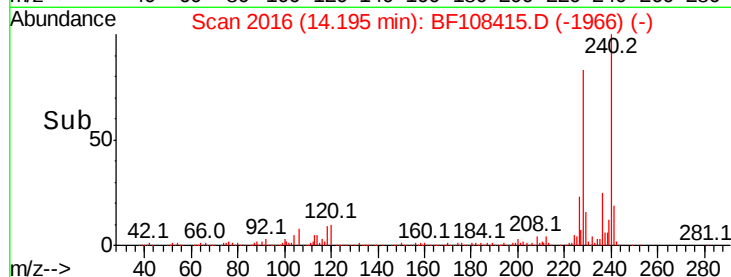
236 25.4 20.7 31.1



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: 27.769 ng

RT: 12.88 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF108415.D

Acq: 23 Aug 2018 7:35

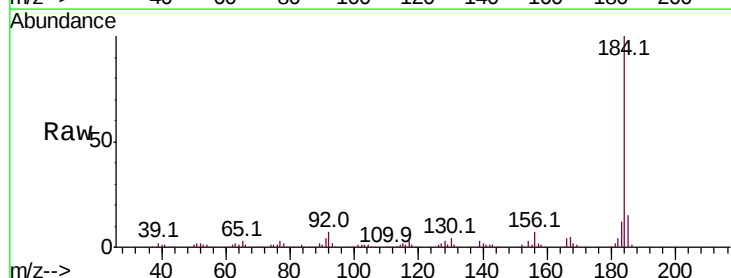
Tgt Ion:184 Resp: 323553

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

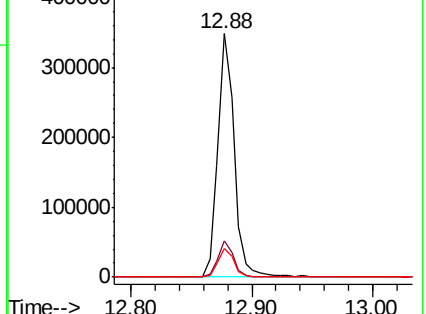
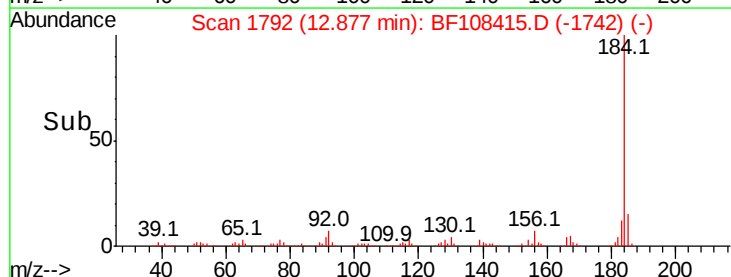
183 11.9 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

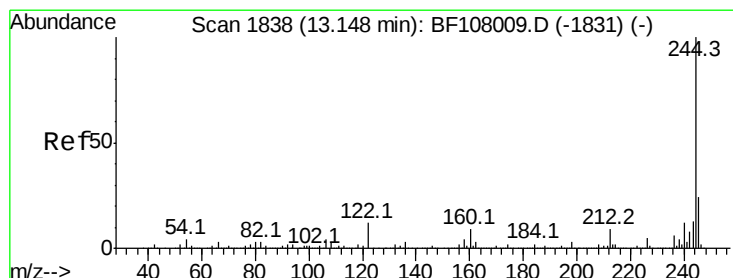
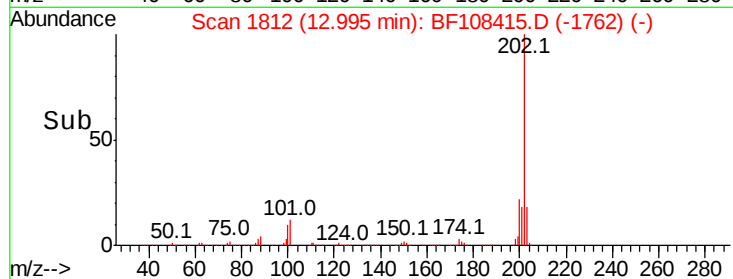
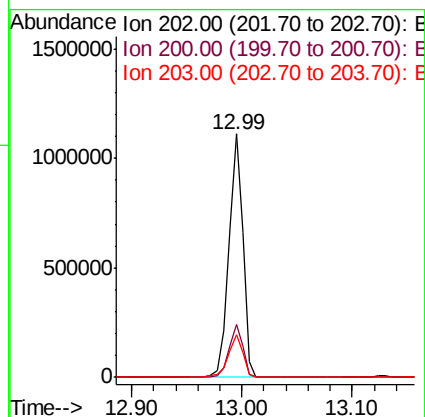
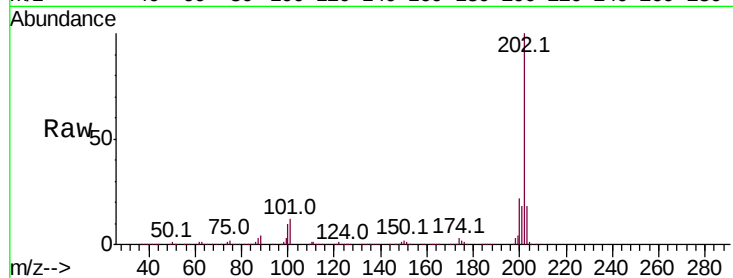




#77
Pvrene
Concen: 50.079 ng
RT: 12.99 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF108415.D
Acq: 23 Aug 2018 7:35

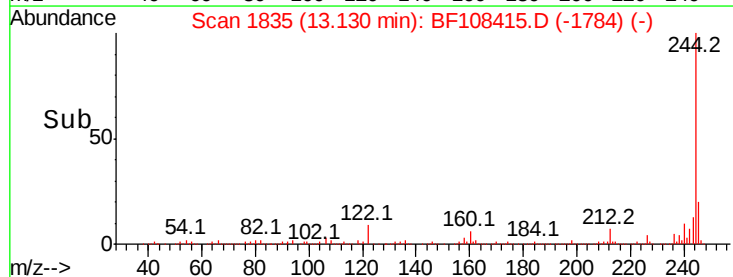
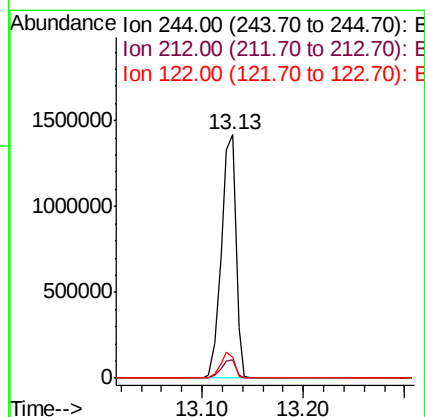
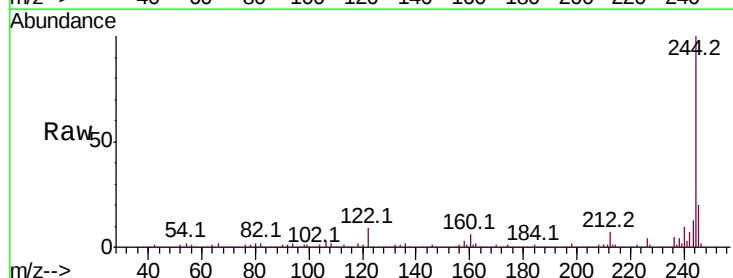
Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 988754
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.7 14.3 21.5



#78
Terphenyl-d14
Concen: 115.245 ng
RT: 13.13 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BF108415.D
Acq: 23 Aug 2018 7:35

Tgt Ion:244 Resp: 1413534
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 8.8 11.0 16.4#

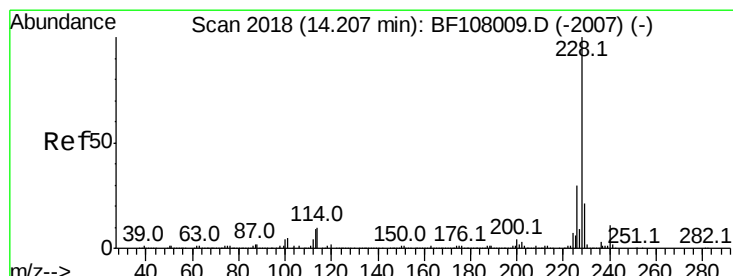
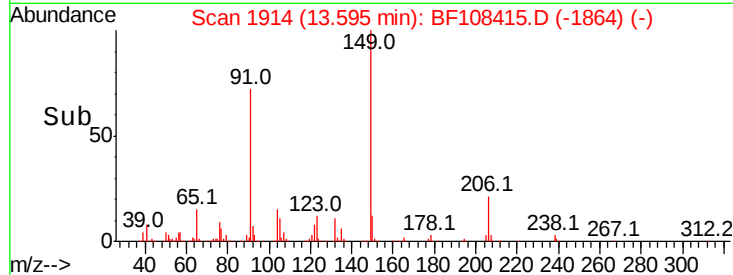
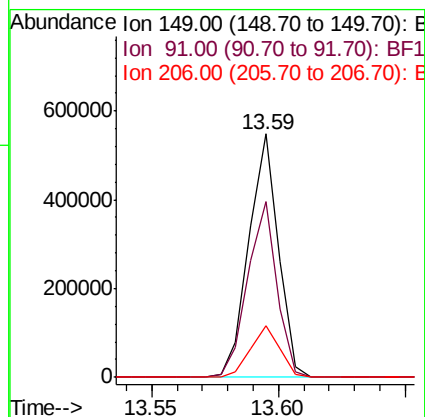
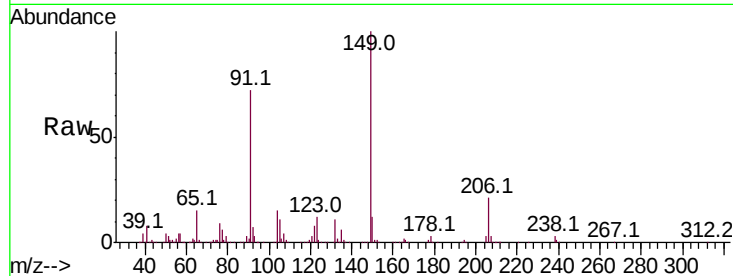




#79
 Butylbenzylphthalate
 Concen: 56.671 ng
 RT: 13.59 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BF108415.D
 Acq: 23 Aug 2018 7:35

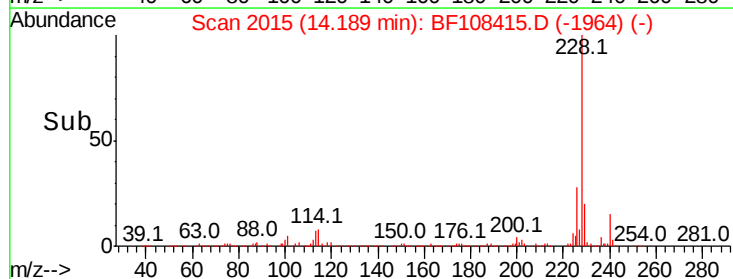
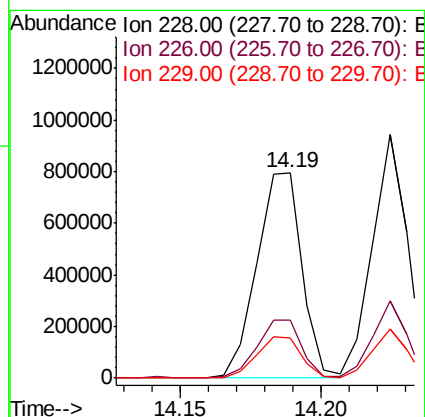
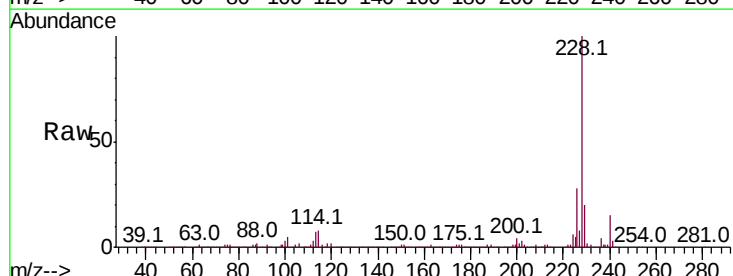
Instrument :
 BNA_F
 ClientSampleId :

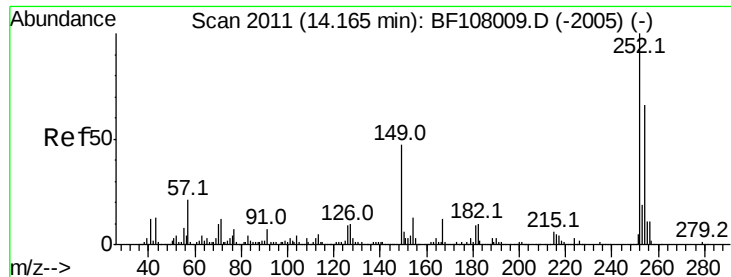
Tot Ion:149 Resp: 444294
 Ion Ratio Lower Upper
 149 100
 91 72.3 56.8 85.2
 206 21.1 14.1 21.1



#80
 Benzo(a)anthracene
 Concen: 49.384 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BF108415.D
 Acq: 23 Aug 2018 7:35

Tgt Ion:228 Resp: 883842
 Ion Ratio Lower Upper
 228 100
 226 27.9 22.6 33.8
 229 19.8 15.8 23.6

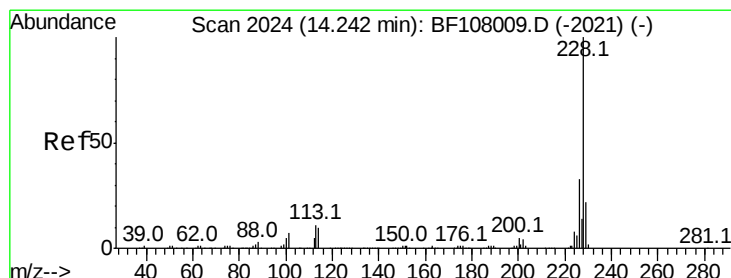
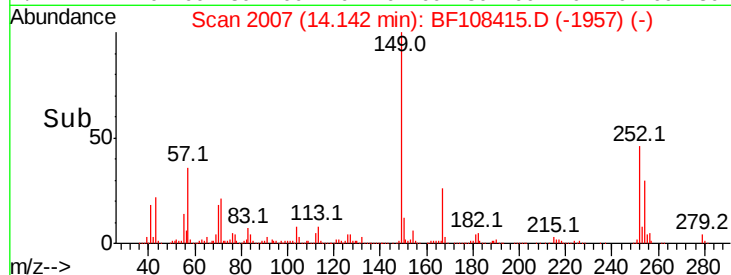
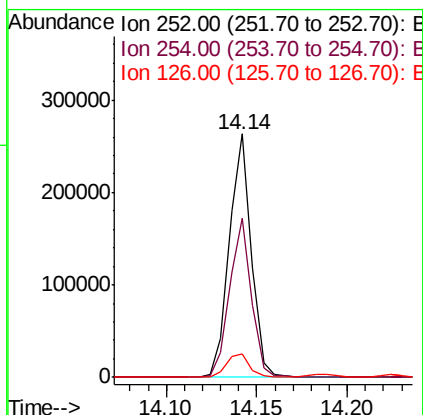
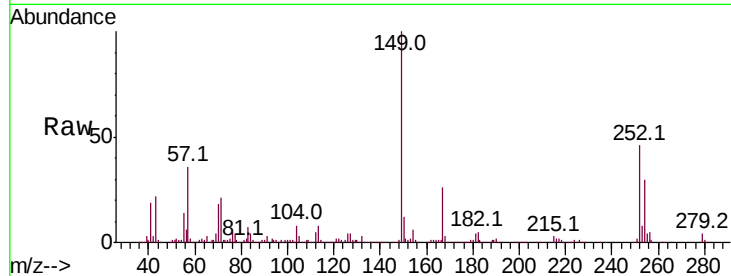




#81
 3,3'-Dichlorobenzidine
 Concen: 34.828 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108415.D
 Acq: 23 Aug 2018 7:35

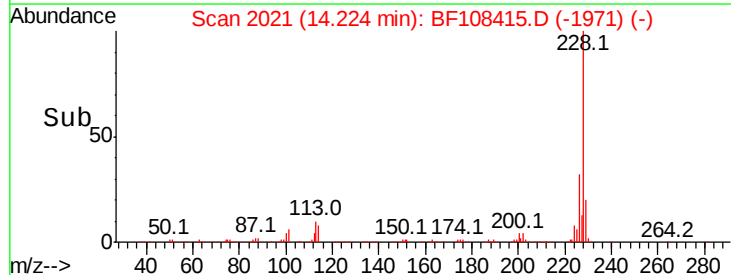
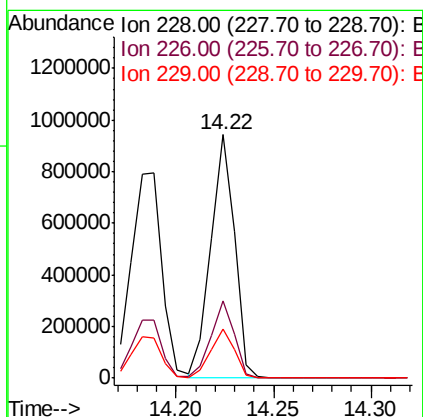
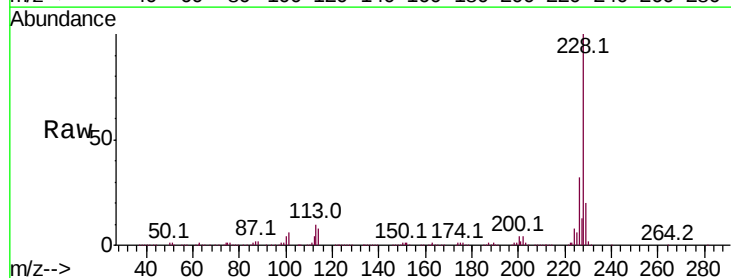
Instrument :
 BNA_F
 ClientSampleId :

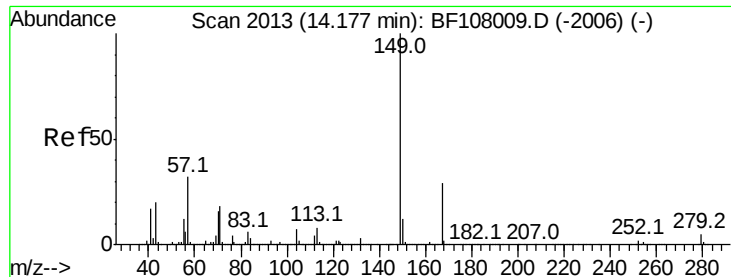
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.6	50.4	75.6
126	9.7	11.3	16.9#



#82
 Chrysene
 Concen: 48.785 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108415.D
 Acq: 23 Aug 2018 7:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	20.3	16.2	24.4

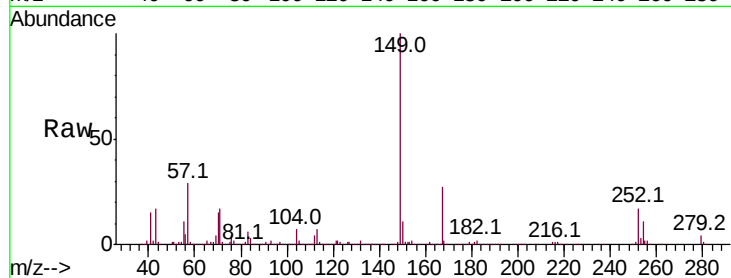




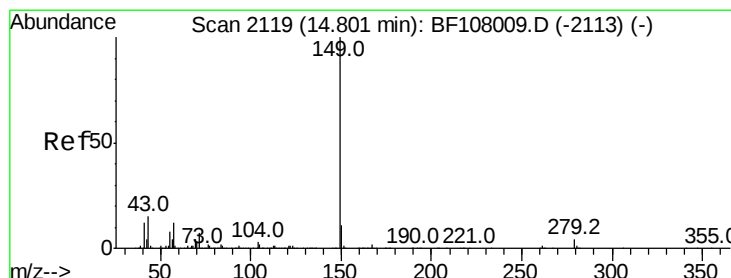
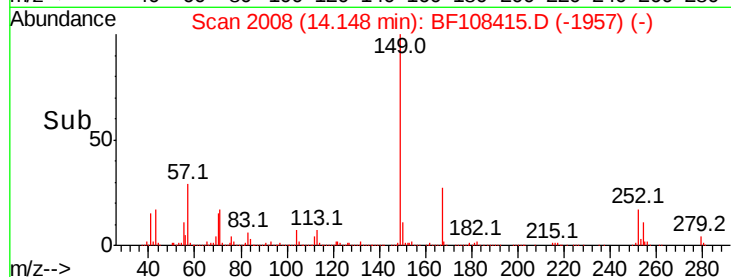
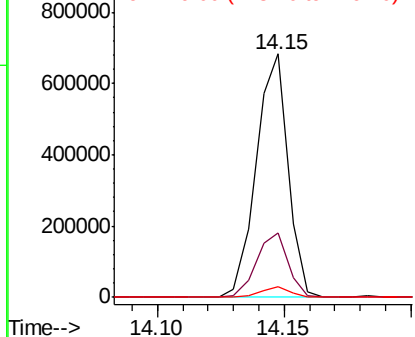
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 56.234 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF108415.D
 Acq: 23 Aug 2018 7:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 597021
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.3 31.9
 279 4.4 3.0 4.4

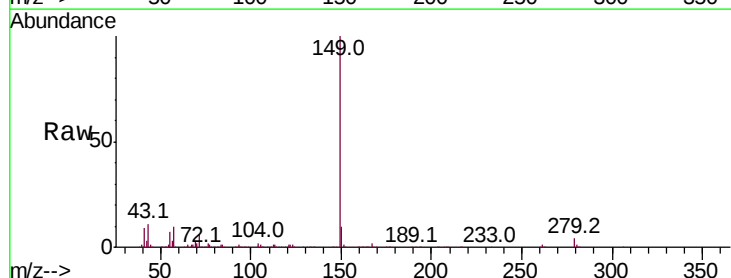


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

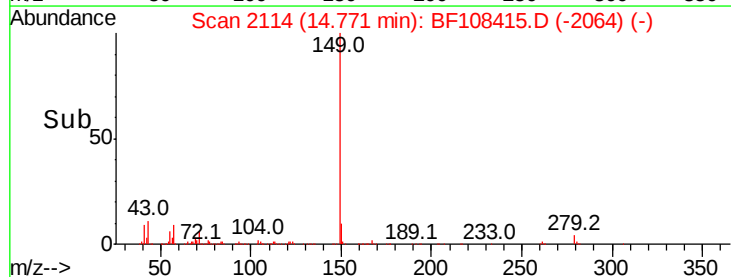
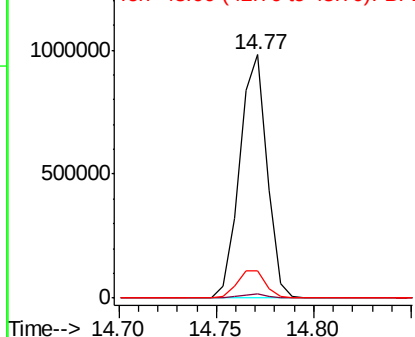


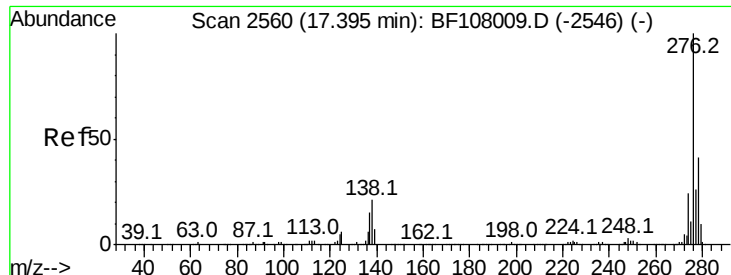
#84
 Di-n-octyl phthalate
 Concen: 58.766 ng
 RT: 14.77 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: BF108415.D
 Acq: 23 Aug 2018 7:35

Tgt Ion:149 Resp: 951509
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.8 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

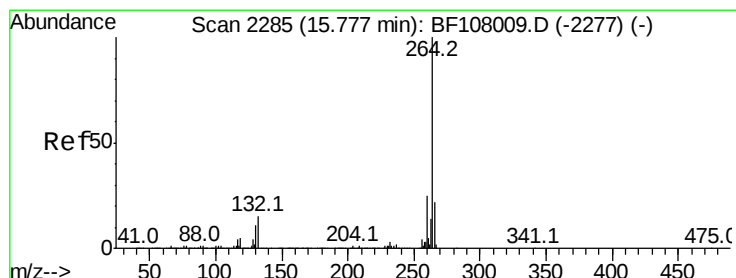
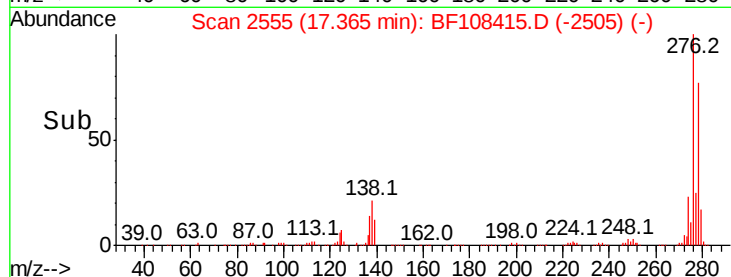
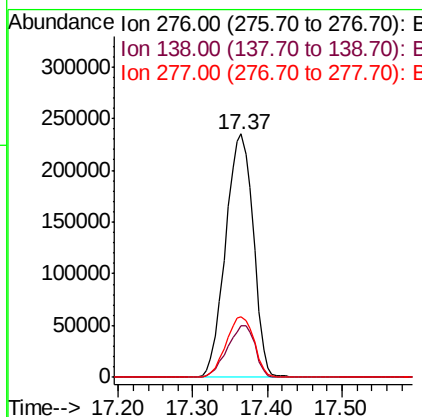
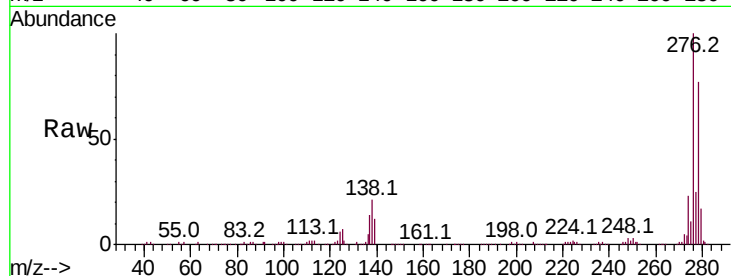




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.688 ng
 RT: 17.37 min Scan# 2555
 Delta R.T. -0.01 min
 Lab File: BF108415.D
 Acq: 23 Aug 2018 7:35

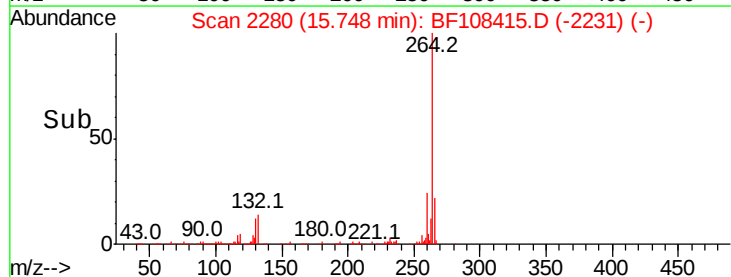
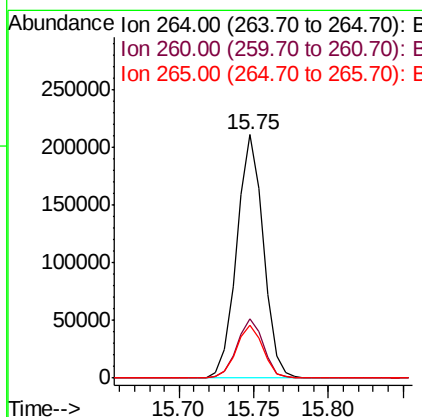
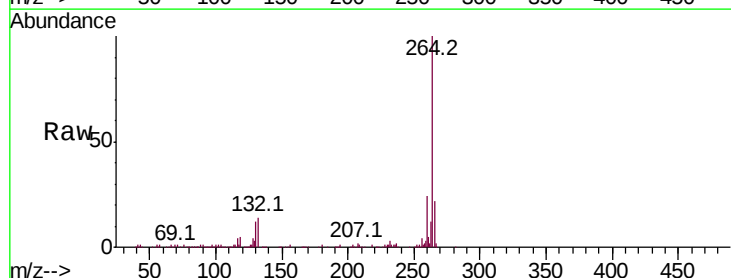
Instrument :
 BNA_F
 ClientSampleId :

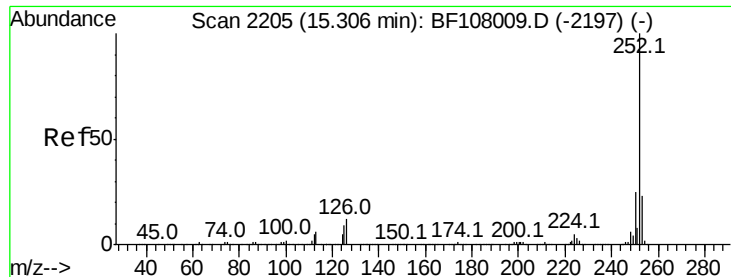
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.3	25.0	37.6#
277	25.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108415.D
 Acq: 23 Aug 2018 7:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.9	17.5	26.3

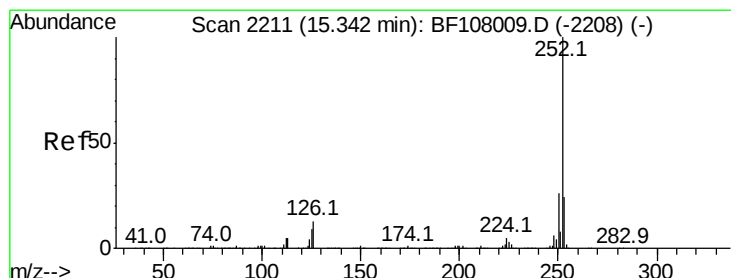
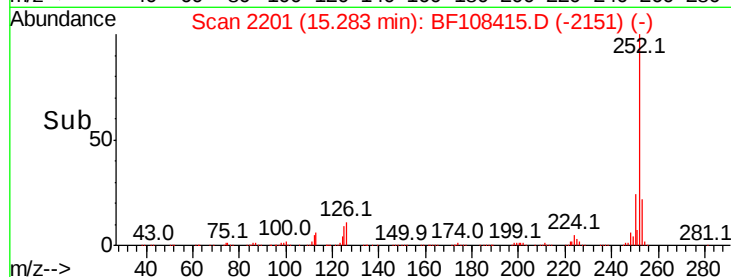
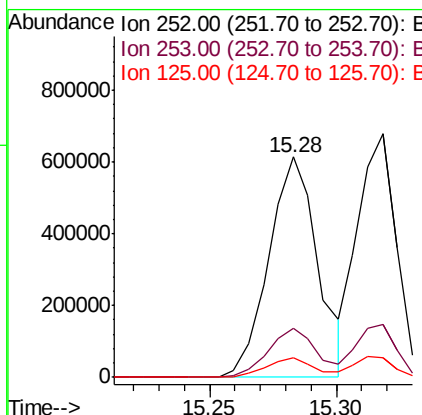
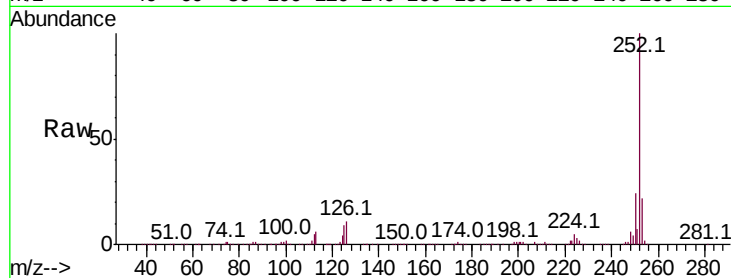




#87
Benzo(b)fluoranthene
Concen: 53.049 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108415.D
Acq: 23 Aug 2018 7:35

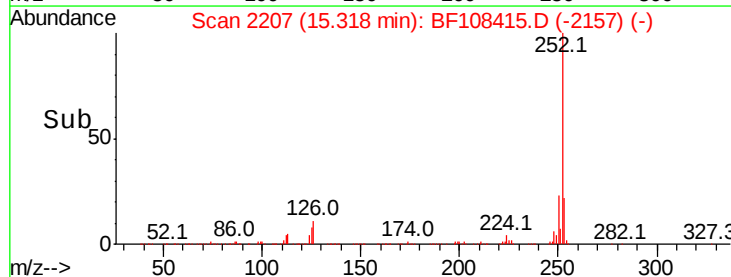
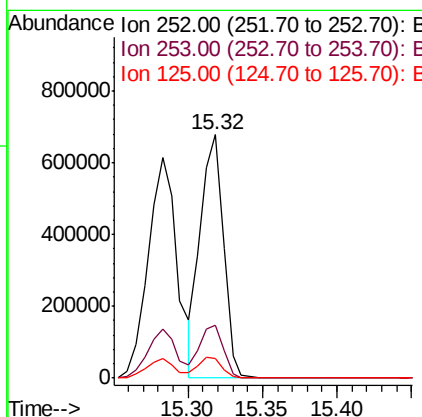
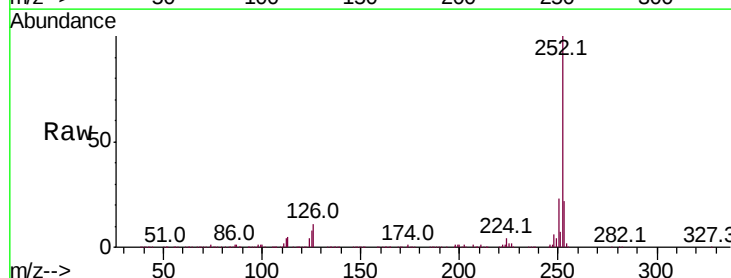
Instrument :
BNA_F
ClientSampleId :

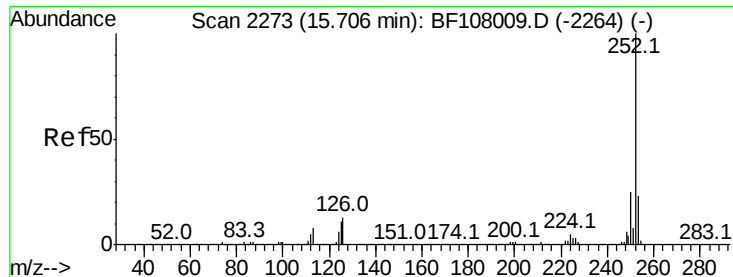
Tot Ion:252 Resp: 831375
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 8.7 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 50.059 ng
RT: 15.32 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF108415.D
Acq: 23 Aug 2018 7:35

Tgt Ion:252 Resp: 721168
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 8.2 10.2 15.2#

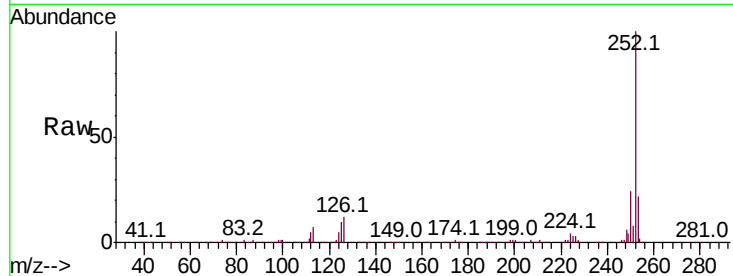




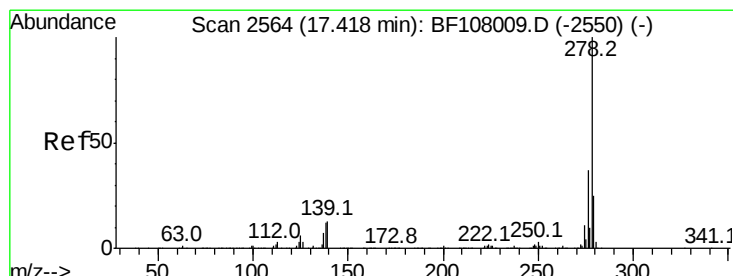
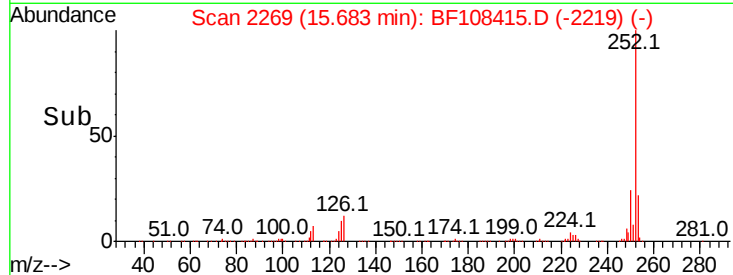
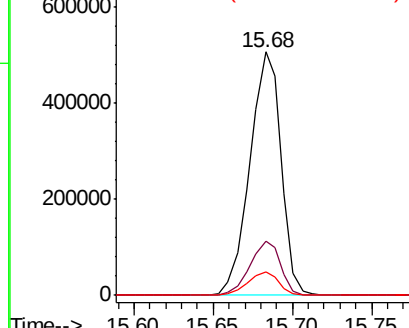
#89
Benzo(a)pyrene
Concen: 49.390 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF108415.D
Acq: 23 Aug 2018 7:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	9.7	9.8	14.6

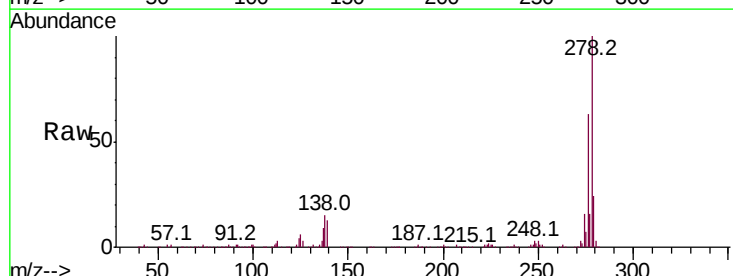


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

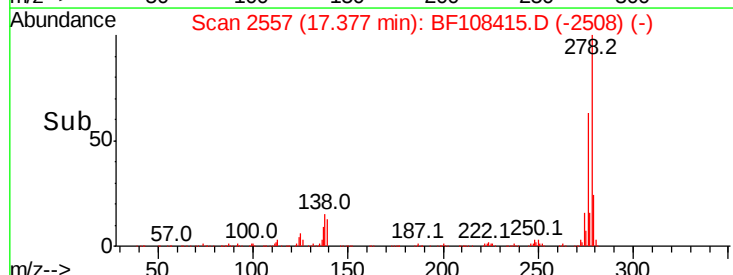
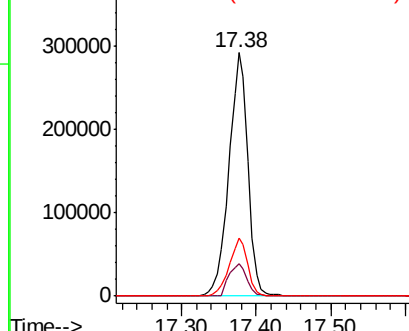


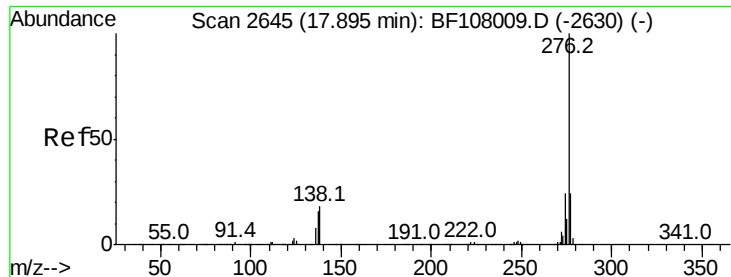
#90
Dibenzo(a,h)anthracene
Concen: 44.765 ng
RT: 17.38 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF108415.D
Acq: 23 Aug 2018 7:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.1	15.9	23.9
279	23.8	19.0	28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

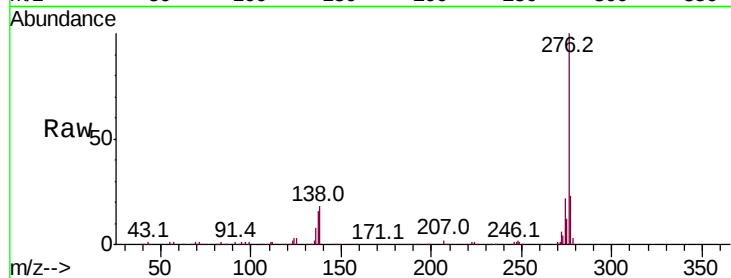




#91
 Benzo(a,h,i)perylene
 Concen: 41.658 ng
 RT: 17.86 min Scan# 2639
 Delta R.T. -0.01 min
 Lab File: BF108415.D
 Acq: 23 Aug 2018 7:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	18.2	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

