

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108525.D
 Acq On : 27 Aug 2018 22:46
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 01:37:41 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	125182	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	500050	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	244865	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	428047	20.00	ng	0.00
75) Chrysene-d12	14.19	240	318562	20.00	ng	0.00
86) Perylene-d12	15.75	264	307663	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	572115	82.74	ng	0.00
7) Phenol-d6	6.62	99	761007	82.82	ng	0.00
23) Nitrobenzene-d5	7.57	82	741254	82.72	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	198414	81.24	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1392919	91.33	ng	0.00
78) Terphenyl-d14	13.12	244	1031101	82.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	130522	36.737	ng	90
3) Pyridine	3.64	79	346814	37.894	ng	87
4) n-Nitrosodimethylamine	3.61	42	185845	36.087	ng	# 82
6) Aniline	6.67	93	515164	41.219	ng	97
8) 2-Chlorophenol	6.79	128	326826	41.968	ng	98
9) Benzaldehyde	6.55	77	276874	38.866	ng	95
10) Phenol	6.64	94	424918	44.708	ng	88
11) bis(2-Chloroethyl)ether	6.73	93	313248	40.768	ng	91
12) 1,3-Dichlorobenzene	6.94	146	374623	41.605	ng	99
13) 1,4-Dichlorobenzene	7.02	146	378295	41.815	ng	99
14) 1,2-Dichlorobenzene	7.17	146	351180	41.732	ng	98
15) Benzyl Alcohol	7.14	79	307881	39.803	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.27	45	604825	38.210	ng	98
17) 2-Methylphenol	7.24	107	279701	41.883	ng	94
18) Hexachloroethane	7.51	117	120807	37.508	ng	89
19) n-Nitroso-di-n-propylamine	7.41	70	246219	39.627	ng	90
20) 3+4-Methylphenols	7.40	107	346689	40.511	ng	# 75
22) Acetophenone	7.41	105	467714	40.001	ng	# 91
24) Nitrobenzene	7.58	77	366891	40.488	ng	93
25) Isophorone	7.82	82	670291	39.243	ng	97
26) 2-Nitrophenol	7.90	139	159188	46.517	ng	95
27) 2,4-Dimethylphenol	7.92	122	298137	39.328	ng	95
28) bis(2-Chloroethoxy)methane	8.02	93	399134	40.029	ng	100
29) 2,4-Dichlorophenol	8.14	162	288635	41.373	ng	96
30) 1,2,4-Trichlorobenzene	8.22	180	312633	40.646	ng	96
31) Naphthalene	8.31	128	935575	41.140	ng	99
32) Benzoic acid	8.04	122	89990	23.885	ng	92
33) 4-Chloroaniline	8.35	127	400911	40.453	ng	98
34) Hexachlorobutadiene	8.41	225	202741	41.637	ng	98
35) Caprolactam	8.73	113	87842	40.180	ng	# 70
36) 4-Chloro-3-methylphenol	8.83	107	302781	40.231	ng	97
37) 2-Methylnaphthalene	9.00	142	648905	40.331	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	330458	43.947	ng	# 97
40) Hexachlorocyclopentadiene	9.14	237	25666	5.284	ng	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
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 Misc :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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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	209417	44.879	ng	98
43) 2,4,5-Trichlorophenol	9.28	196	209417	40.769	ng	95
45) 1,1'-Biphenyl	9.46	154	790438	43.782	ng	99
46) 2-Chloronaphthalene	9.50	162	609670	42.726	ng	96
47) 2-Nitroaniline	9.59	65	206454	44.717	ng	92
48) Acenaphthylene	9.91	152	954888	42.329	ng	99
49) Dimethylphthalate	9.76	163	743089	43.565	ng	# 99
50) 2,6-Dinitrotoluene	9.82	165	157003	43.995	ng	88
51) Acenaphthene	10.08	154	561299	40.624	ng	99
52) 3-Nitroaniline	10.00	138	166227	42.573	ng	93
53) 2,4-Dinitrophenol	10.11	184	24074	23.465	ng	# 20
54) Dibenzofuran	10.25	168	831763	41.551	ng	97
55) 4-Nitrophenol	10.15	139	99244	33.566	ng	85
56) 2,4-Dinitrotoluene	10.24	165	204314	44.479	ng	# 92
57) Fluorene	10.60	166	654032	41.273	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	178596	41.598	ng	# 85
59) Diethylphthalate	10.45	149	714801	43.277	ng	96
60) 4-Chlorophenyl-phenylether	10.58	204	345044	41.788	ng	92
61) 4-Nitroaniline	10.62	138	155421	40.261	ng	94
62) Azobenzene	10.75	77	687954	40.332	ng	93
64) 4,6-Dinitro-2-methylphenol	10.64	198	42731	28.980	ng	90
65) n-Nitrosodiphenylamine	10.70	169	596936	47.192	ng	96
66) 4-Bromophenyl-phenylether	11.08	248	213648	45.929	ng	# 84
67) Hexachlorobenzene	11.15	284	210731	43.056	ng	# 86
68) Atrazine	11.22	200	195393	46.055	ng	96
69) Pentachlorophenol	11.34	266	141045	60.208	ng	99
70) Phenanthrene	11.57	178	837511	41.483	ng	99
71) Anthracene	11.62	178	870201	42.053	ng	100
72) Carbazole	11.77	167	719452	39.133	ng	99
73) Di-n-butylphthalate	12.08	149	1011294	48.563	ng	99
74) Fluoranthene	12.76	202	786500	35.694	ng	96
76) Benzidine	12.88	184	444518	37.347	ng	99
77) Pyrene	12.99	202	774692	38.411	ng	99
79) Butylbenzylphthalate	13.59	149	338051	42.212	ng	96
80) Benzo(a)anthracene	14.18	228	758739	41.502	ng	100
81) 3,3'-Dichlorobenzidine	14.14	252	281815	43.013	ng	# 95
82) Chrysene	14.22	228	705250	42.077	ng	99
83) Bis(2-ethylhexyl)phthalate	14.14	149	463190	42.710	ng	100
84) Di-n-octyl phthalate	14.77	149	813109	49.161	ng	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	575533	39.630	ng	# 90
87) Benzo(b)fluoranthene	15.31	252	728832	39.645	ng	96
88) Benzo(k)fluoranthene	15.31	252	728832	43.127	ng	# 97
89) Benzo(a)pyrene	15.68	252	679196	41.257	ng	# 96
90) Dibenzo(a,h)anthracene	17.38	278	487512	35.791	ng	# 93
91) Benzo(g,h,i)perylene	17.85	276	449400	33.506	ng	# 89

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

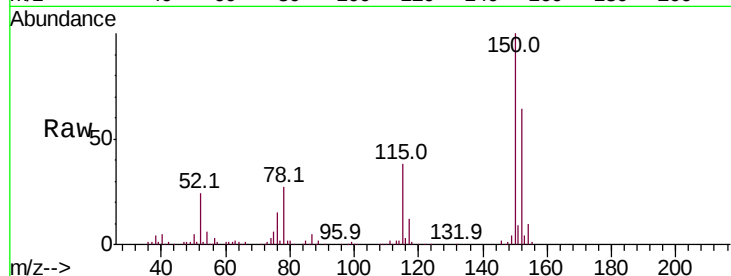


#1

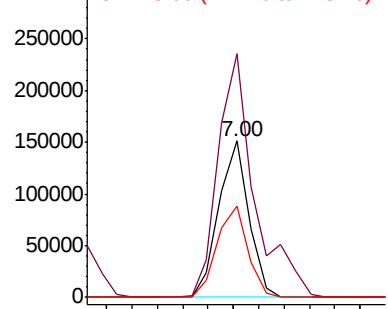
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108525.D
Acq: 27 Aug 2018 22:46

Instrument :
BNA_F
ClientSampleId :

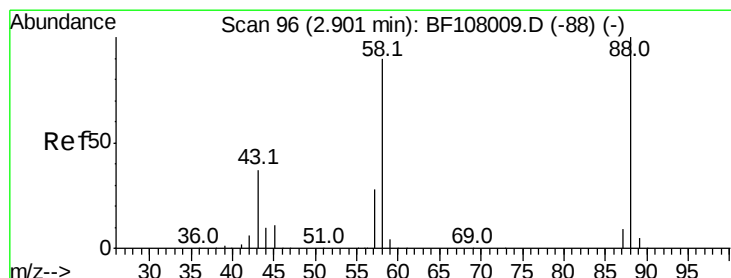
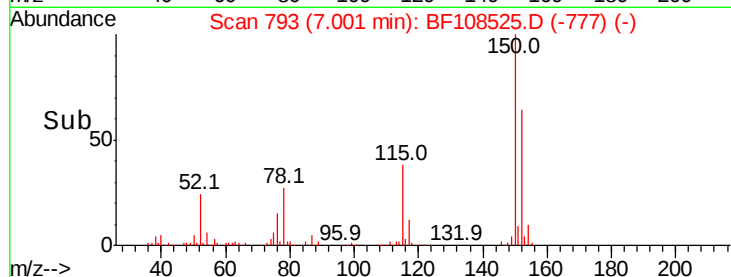
Tot Ion:152 Resp: 125182
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 58.7 50.1 75.1



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



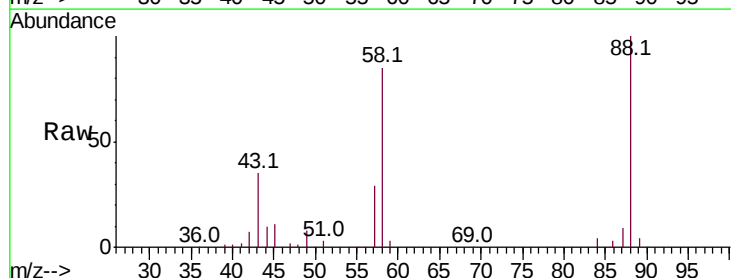
Time--> 6.95 7.00 7.05



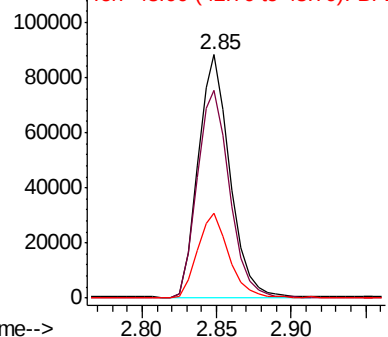
#2

1,4-Dioxane
Concen: 36.737 ng
RT: 2.85 min Scan# 87
Delta R.T. -0.02 min
Lab File: BF108525.D
Acq: 27 Aug 2018 22:46

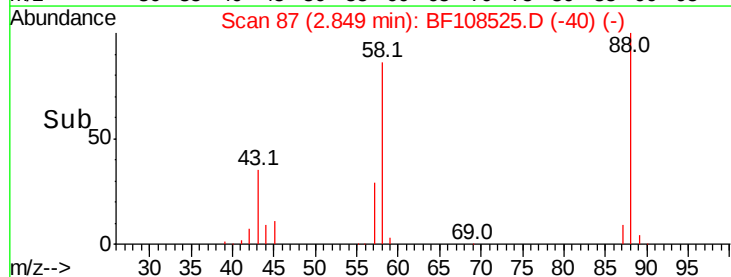
Tgt Ion: 88 Resp: 130522
Ion Ratio Lower Upper
88 100
58 88.1 62.6 93.8
43 35.2 24.6 37.0

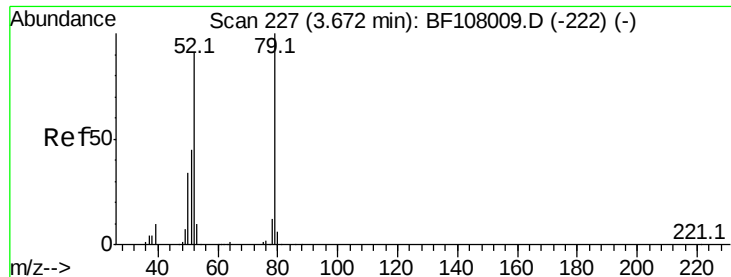


Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1



Time--> 2.80 2.85 2.90





#3

Pvridine

Concen: 37.894 ng

RT: 3.64 min Scan# 222

Delta R.T. -0.02 min

Lab File: BF108525.D

Acq: 27 Aug 2018 22:46

Instrument :

BNA_F

ClientSampled :

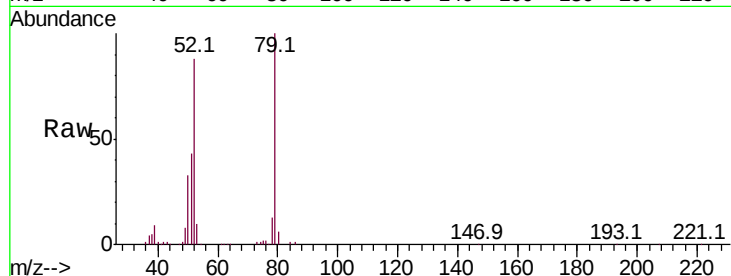
Tot Ion: 79 Resp: 346814

Ion Ratio Lower Upper

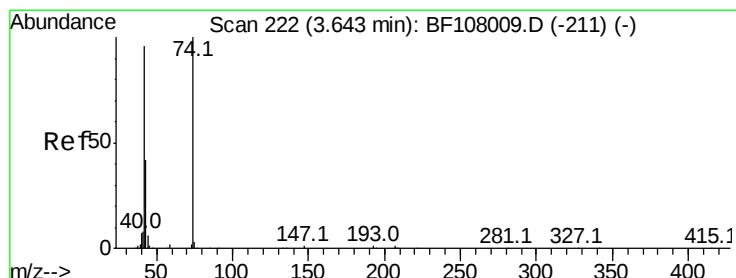
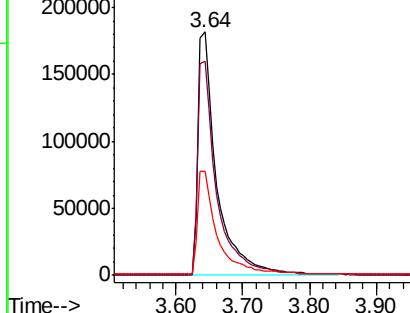
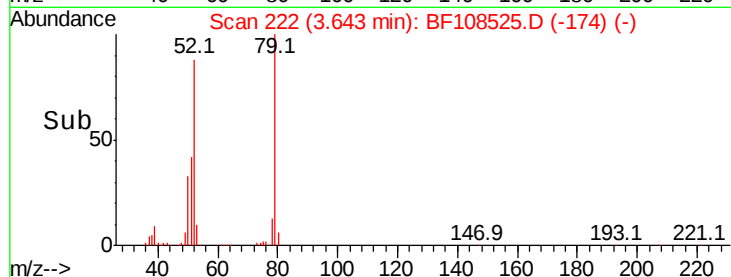
79 100

52 88.0 59.8 89.6

51 42.7 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: 36.087 ng

RT: 3.61 min Scan# 216

Delta R.T. -0.02 min

Lab File: BF108525.D

Acq: 27 Aug 2018 22:46

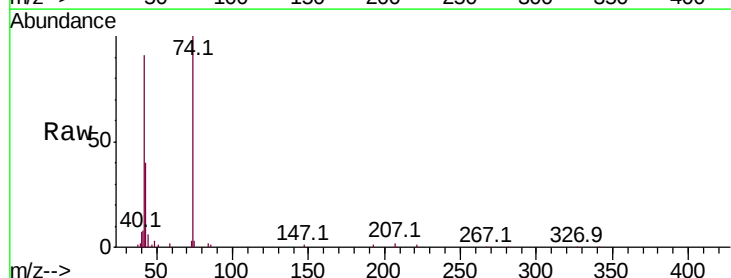
Tgt Ion: 42 Resp: 185845

Ion Ratio Lower Upper

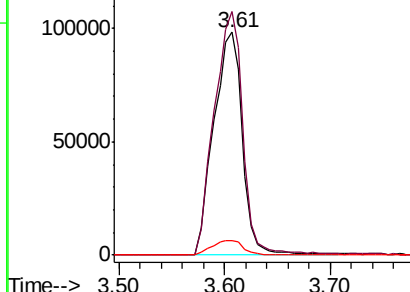
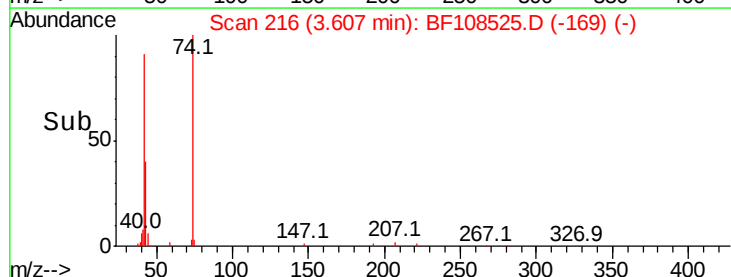
42 100

74 109.4 104.9 157.3

44 6.6 6.9 10.3#



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





#5

2-Fluorophenol

Concen: 82.743 ng

RT: 5.62 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF108525.D

Acq: 27 Aug 2018 22:46

Instrument :

BNA_F

ClientSampleId :

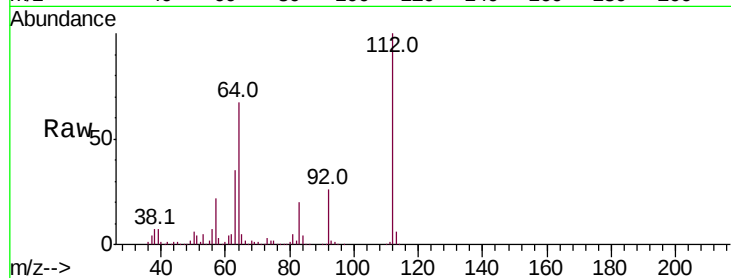
Tot Ion:112 Resp: 572115

Ion Ratio Lower Upper

112 100

64 67.1 47.9 71.9

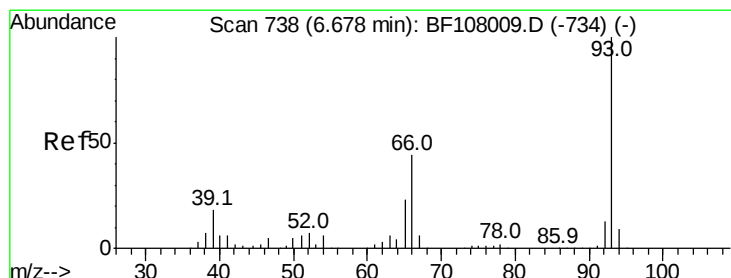
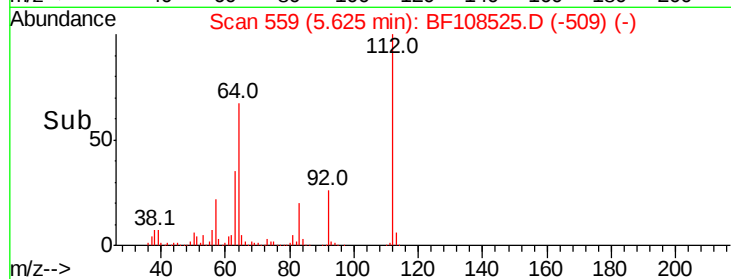
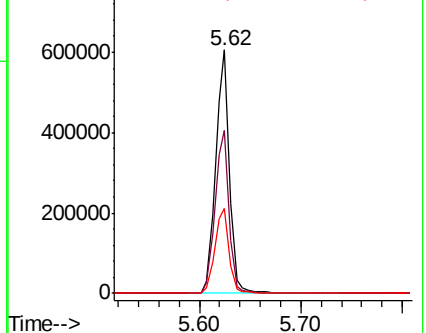
63 35.1 23.7 35.5



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: 41.219 ng

RT: 6.67 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF108525.D

Acq: 27 Aug 2018 22:46

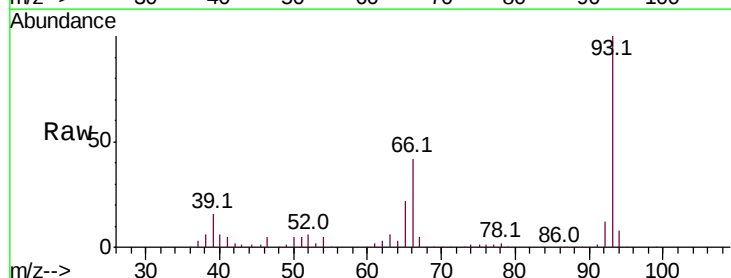
Tgt Ion: 93 Resp: 515164

Ion Ratio Lower Upper

93 100

66 42.3 32.2 48.2

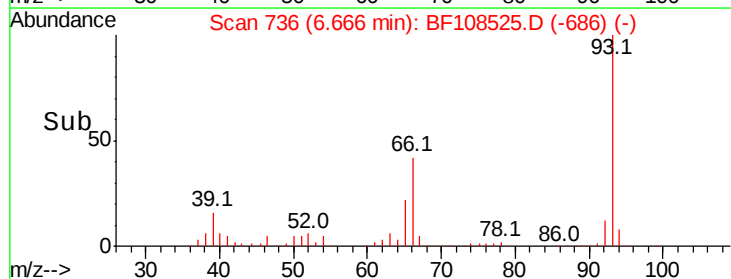
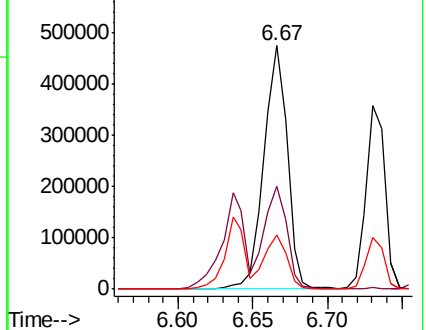
65 22.1 16.4 24.6

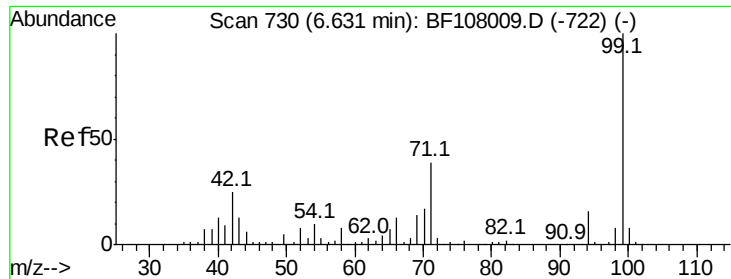


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.823 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108525.D

Acq: 27 Aug 2018 22:46

Instrument :

BNA_F

ClientSampleId :

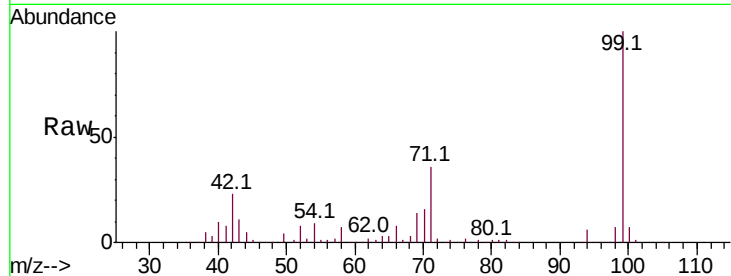
Tot Ion: 99 Resp: 761007

Ion Ratio Lower Upper

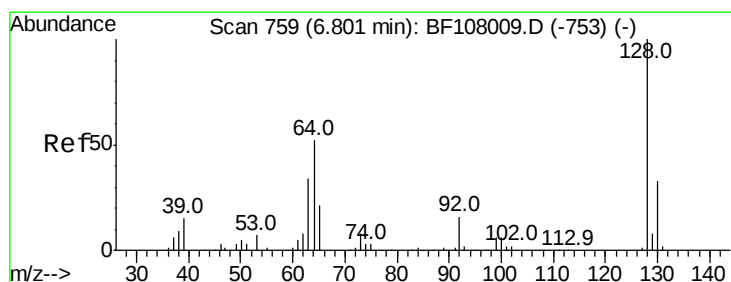
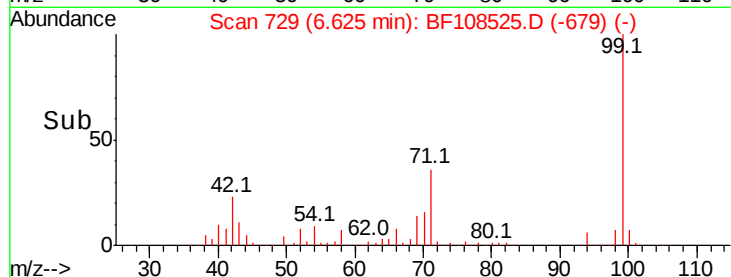
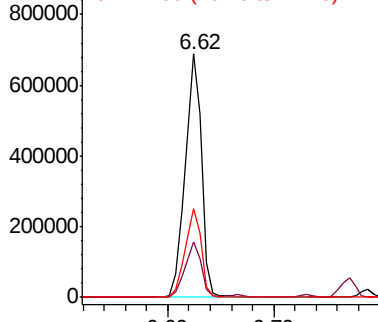
99 100

42 22.9 14.5 21.7#

71 36.2 25.4 38.0



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



#8

2-Chlorophenol

Concen: 41.968 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108525.D

Acq: 27 Aug 2018 22:46

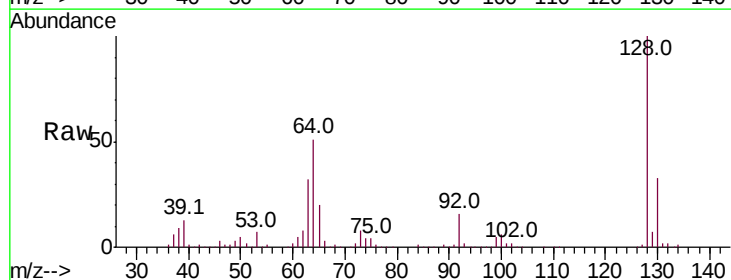
Tgt Ion:128 Resp: 326826

Ion Ratio Lower Upper

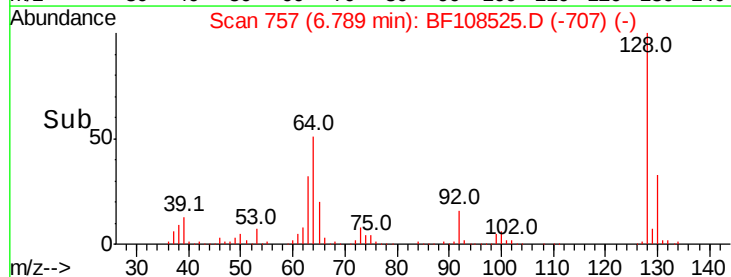
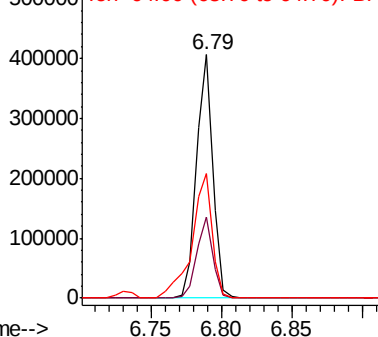
128 100

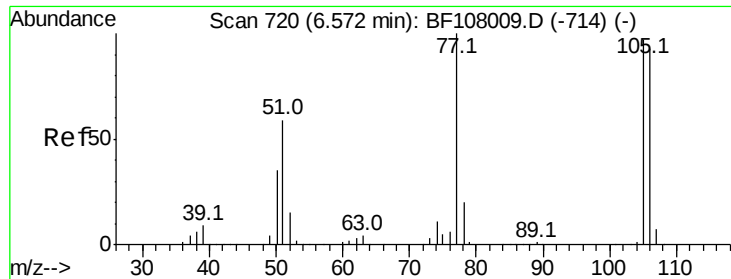
130 33.5 13.0 53.0

64 51.0 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: 38.866 ng

RT: 6.55 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF108525.D

Acq: 27 Aug 2018 22:46

Instrument :

BNA_F

ClientSampleId :

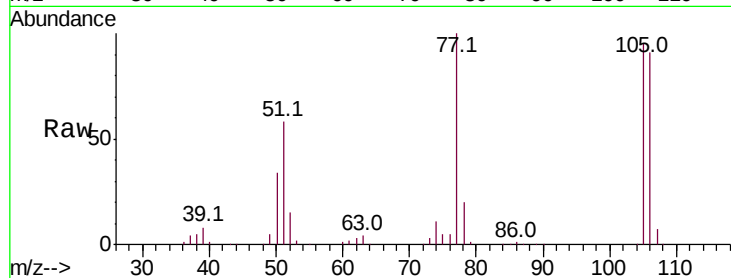
Tot Ion: 77 Resp: 276874

Ion Ratio Lower Upper

77 100

105 94.9 81.1 121.1

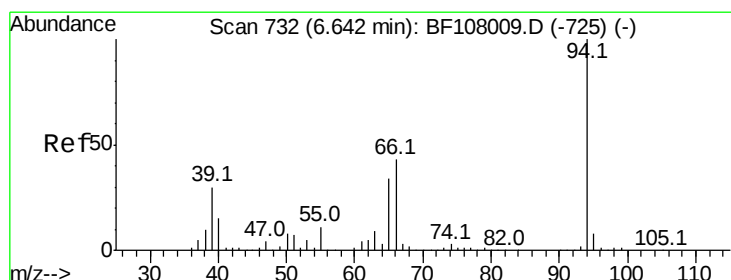
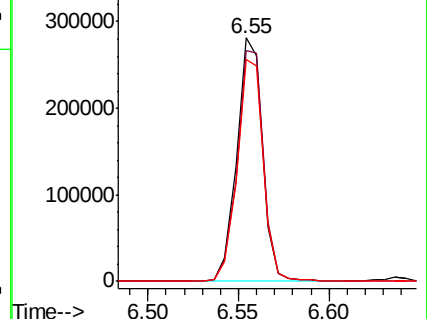
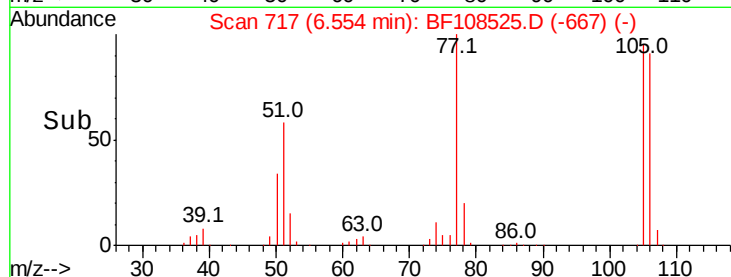
106 91.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 44.708 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF108525.D

Acq: 27 Aug 2018 22:46

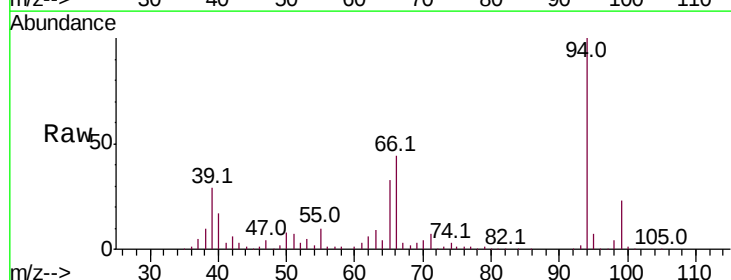
Tgt Ion: 94 Resp: 424918

Ion Ratio Lower Upper

94 100

65 32.6 7.9 47.9

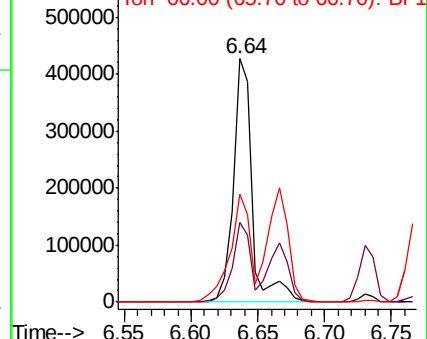
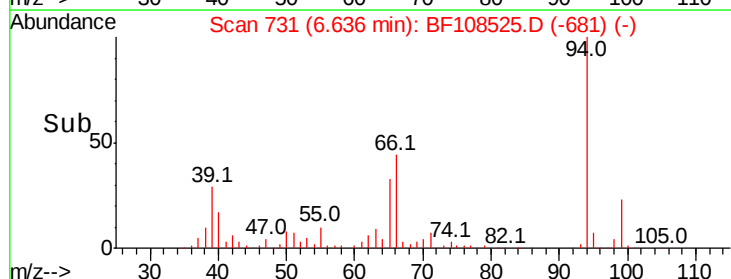
66 44.3 16.2 56.2



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

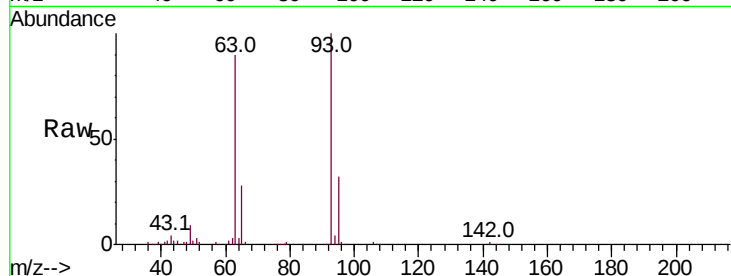




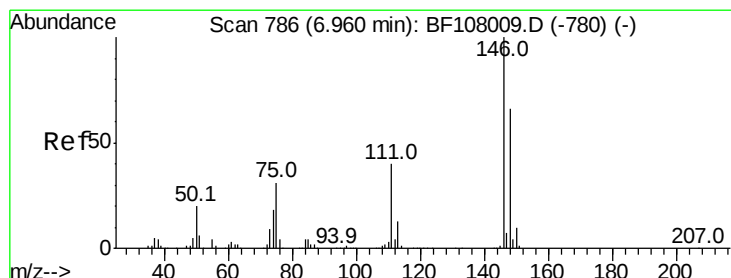
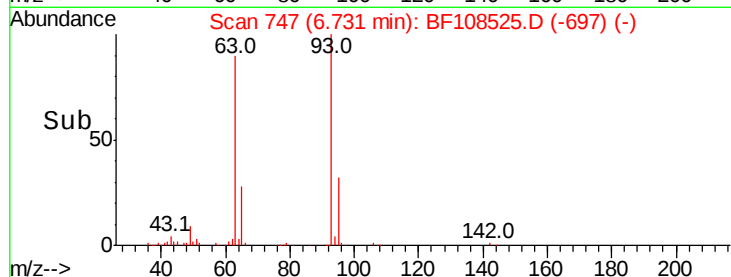
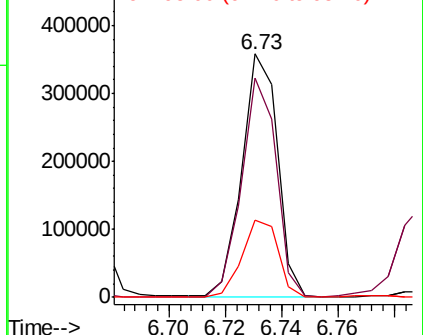
#11
bis(2-Chloroethyl)ether
Concen: 40.768 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108525.D
Acq: 27 Aug 2018 22:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 313248
Ion Ratio Lower Upper
93 100
63 89.9 58.6 98.6
95 31.9 11.8 51.8

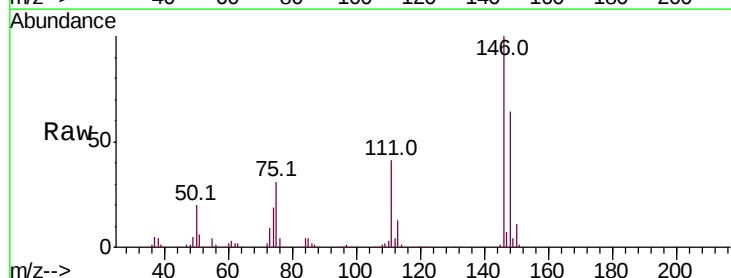


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

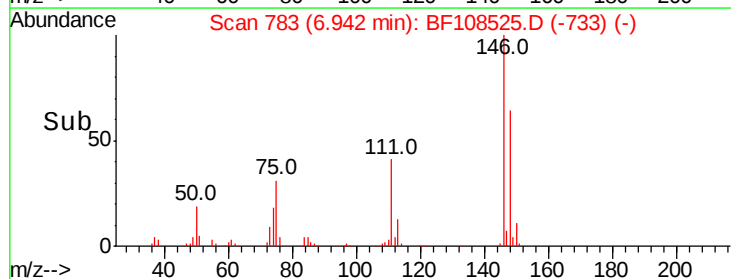
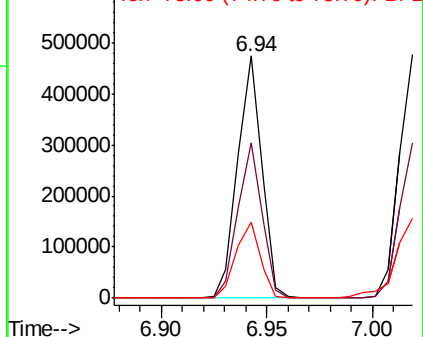


#12
1,3-Dichlorobenzene
Concen: 41.605 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF108525.D
Acq: 27 Aug 2018 22:46

Tgt Ion: 146 Resp: 374623
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
75 31.5 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

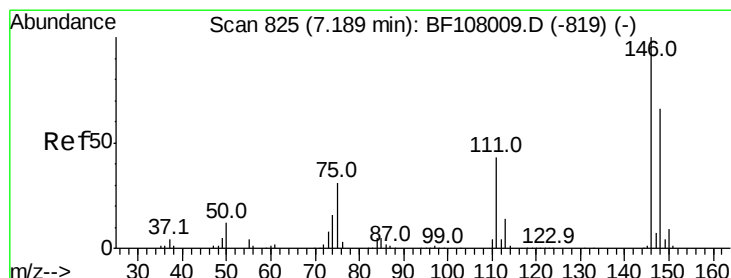
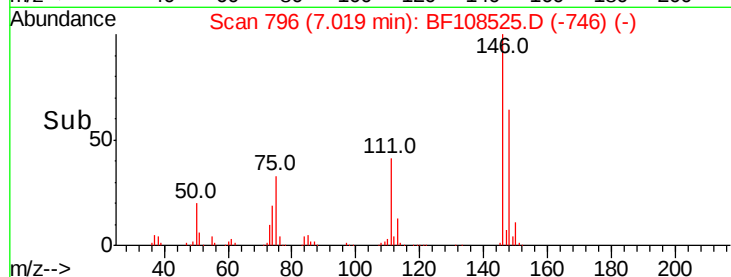
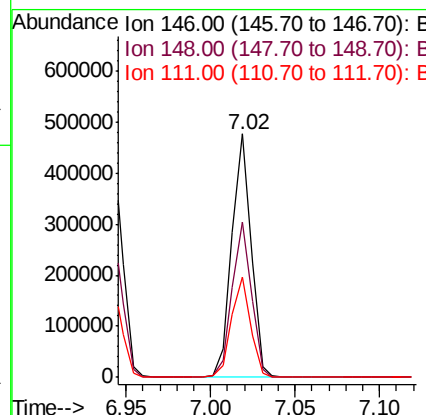
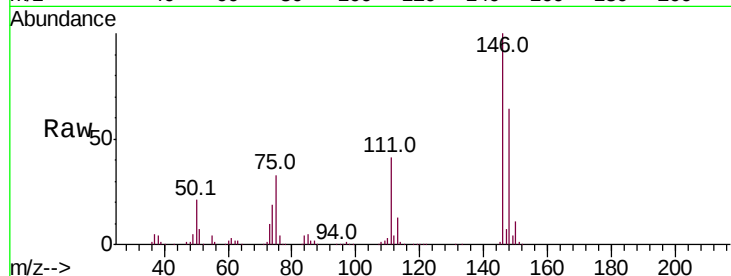




#13
 1,4-Dichlorobenzene
 Concen: 41.815 ng
 RT: 7.02 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF108525.D
 Acq: 27 Aug 2018 22:46

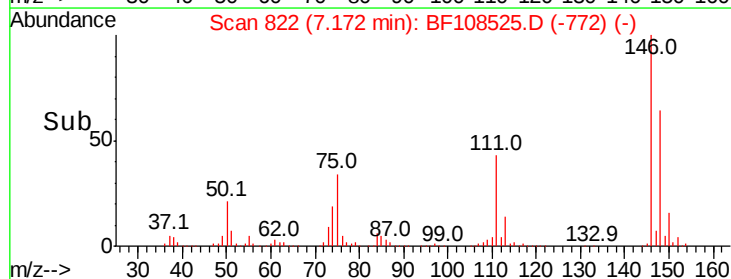
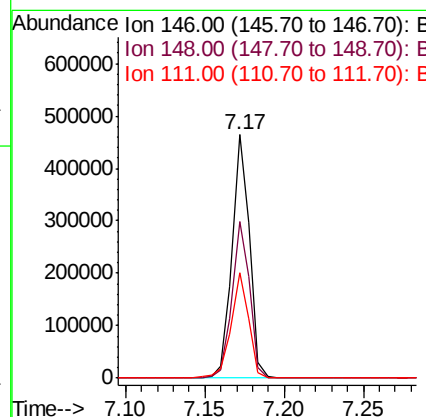
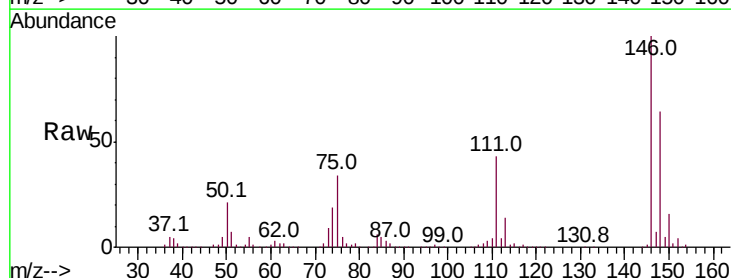
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 378295
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.8 76.2
 111 41.3 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 41.732 ng
 RT: 7.17 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF108525.D
 Acq: 27 Aug 2018 22:46

Tgt Ion:146 Resp: 351180
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.6 75.8
 111 43.3 36.0 54.0





#15

Benzyl Alcohol

Concen: 39.803 ng

RT: 7.14 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF108525.D

Acq: 27 Aug 2018 22:46

Instrument :

BNA_F

ClientSampleId :

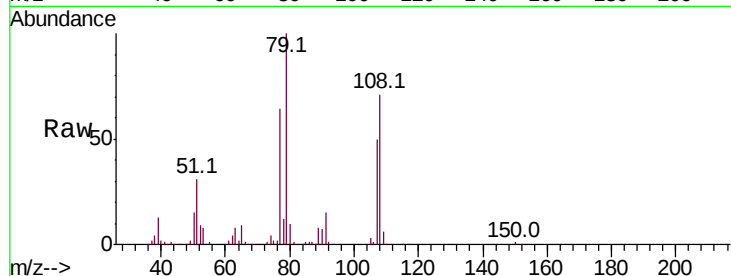
Tot Ion: 79 Resp: 307881

Ion Ratio Lower Upper

79 100

108 71.3 65.1 97.7

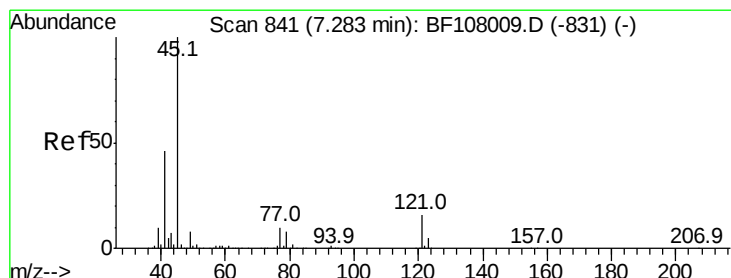
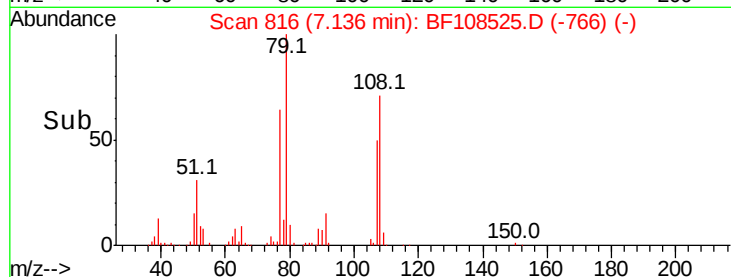
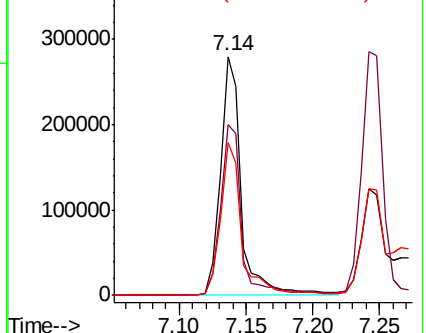
77 63.8 50.6 75.8



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: 38.210 ng

RT: 7.27 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF108525.D

Acq: 27 Aug 2018 22:46

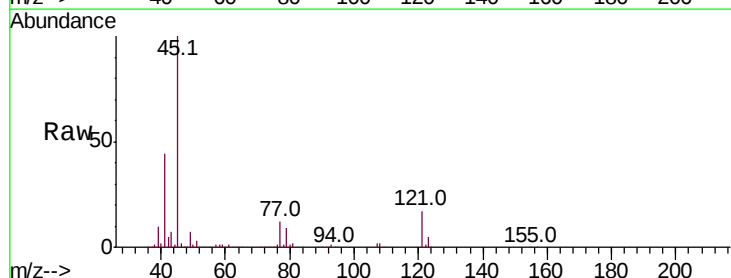
Tgt Ion: 45 Resp: 604825

Ion Ratio Lower Upper

45 100

77 12.0 0.0 32.9

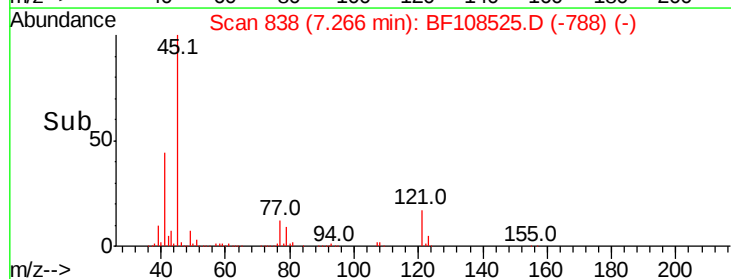
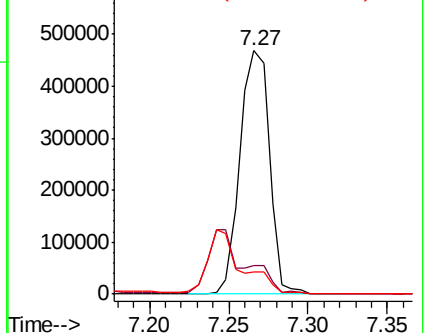
79 9.3 0.0 29.6



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

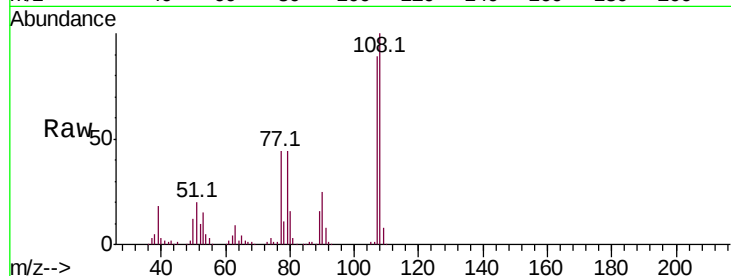




#17
2-Methylphenol
Concen: 41.883 ng
RT: 7.24 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF108525.D
Acq: 27 Aug 2018 22:46

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.7	137.5
77	49.4	33.8	50.8
79	49.3	33.8	50.8



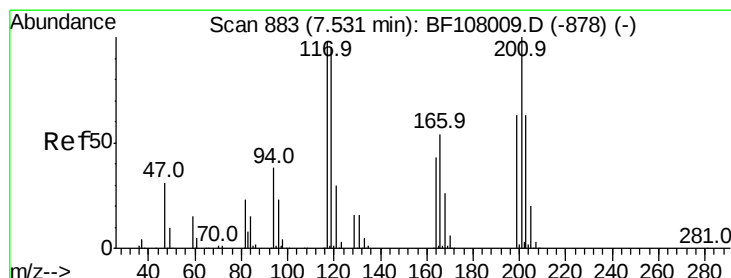
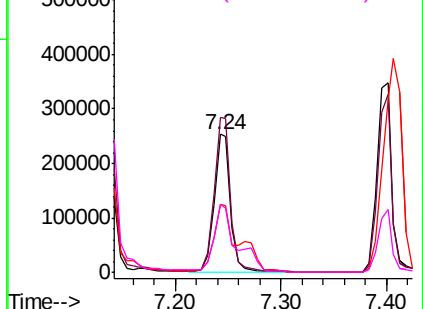
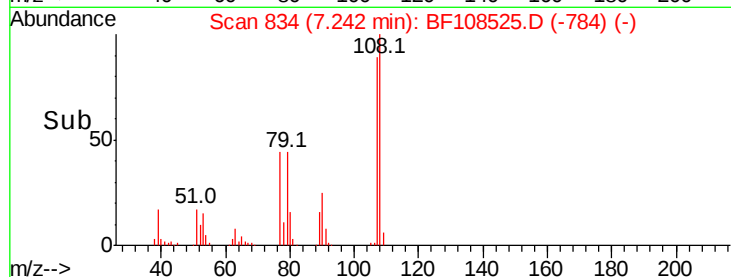
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

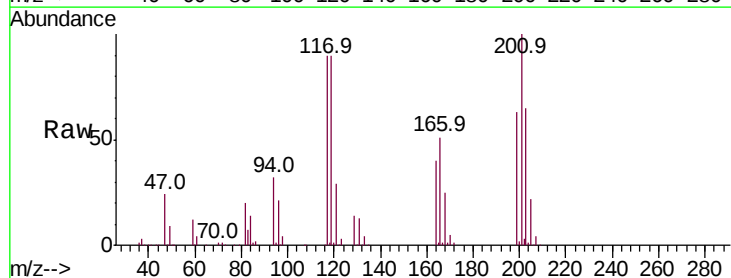
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 37.508 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF108525.D
Acq: 27 Aug 2018 22:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.1	75.8	113.8
201	111.3	75.7	113.5

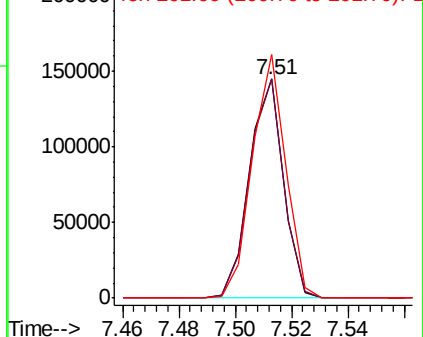
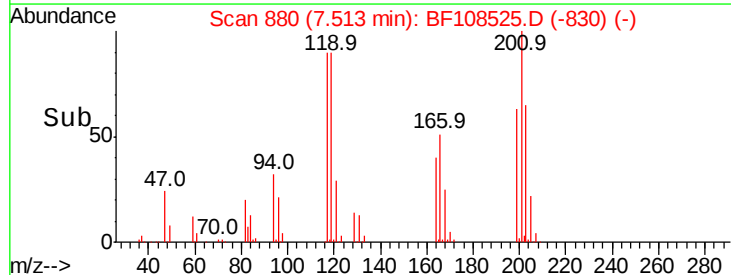


Abundance

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

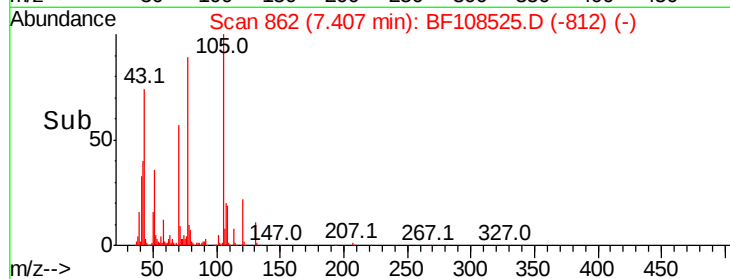
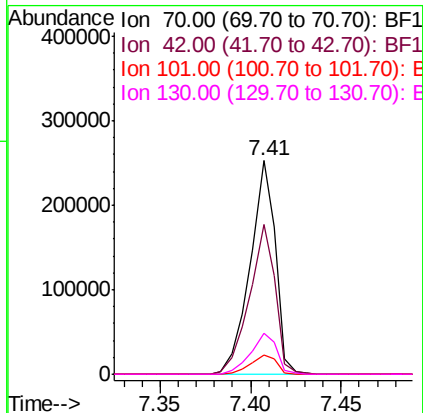
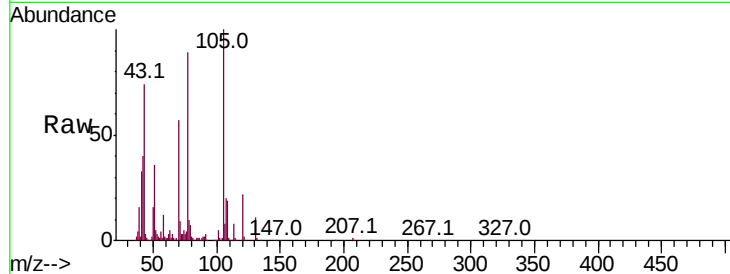




#19
n-Nitroso-di-n-propylamine
Concen: 39.627 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108525.D
Acq: 27 Aug 2018 22:46

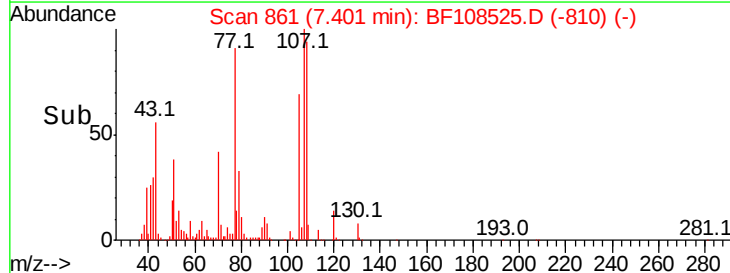
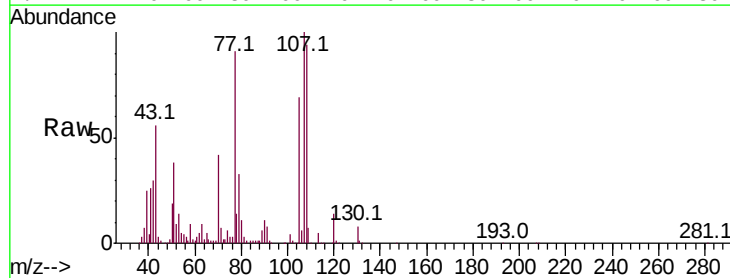
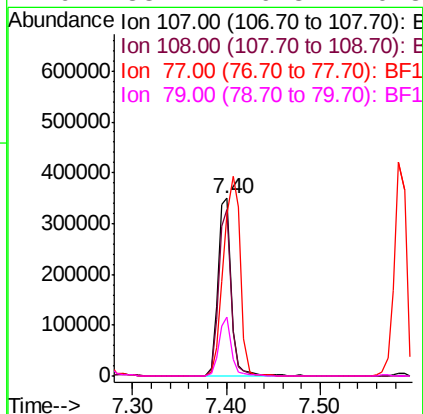
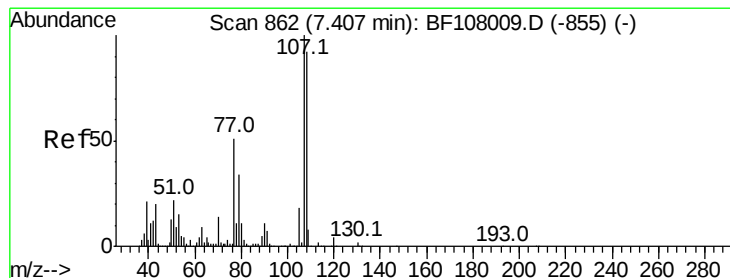
Instrument :
BNA_F
ClientSampleId :

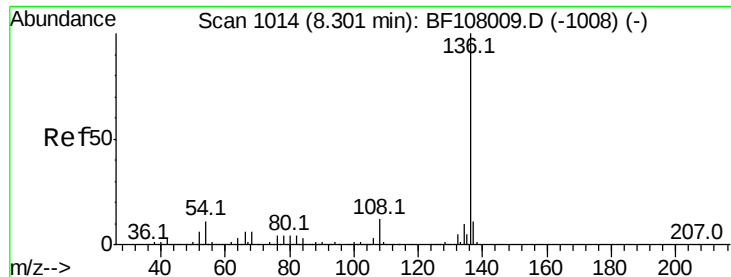
Tot Ion:	70	Resp:	246219
Ion	Ratio	Lower	Upper
70	100		
42	69.9	47.5	71.3
101	9.2	7.4	11.2
130	19.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 40.511 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF108525.D
Acq: 27 Aug 2018 22:46

Tgt Ion:	107	Resp:	346689
Ion	Ratio	Lower	Upper
107	100		
108	93.9	68.2	108.2
77	91.3	26.7	66.7#
79	33.2	6.3	46.3

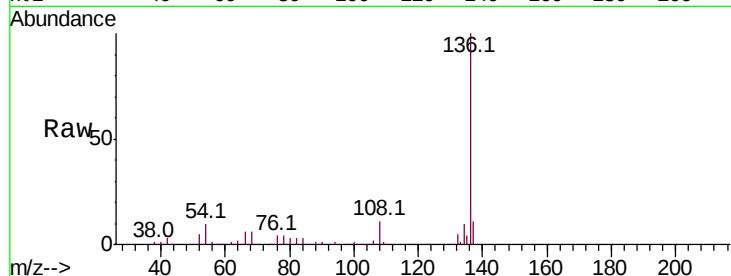




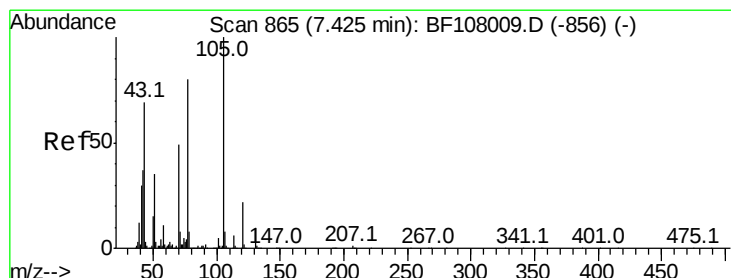
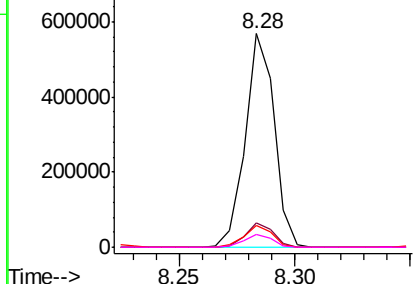
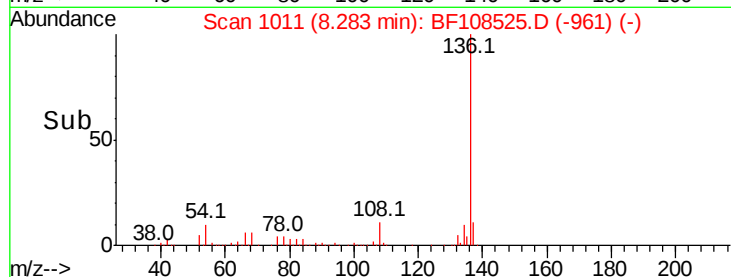
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108525.D
Acq: 27 Aug 2018 22:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	500050
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	10.2	6.6 9.8#
68	5.9	5.0 7.4

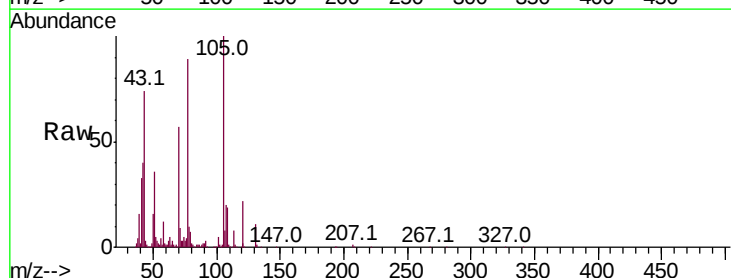


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

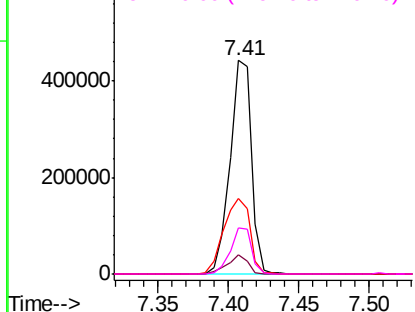
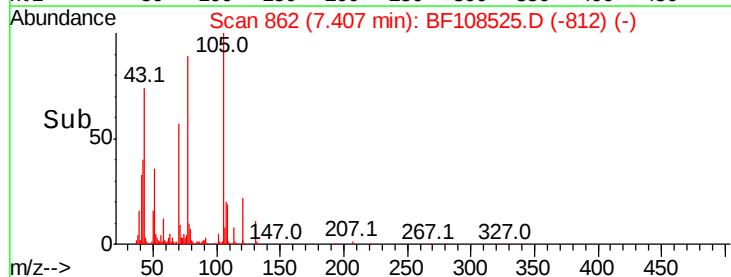


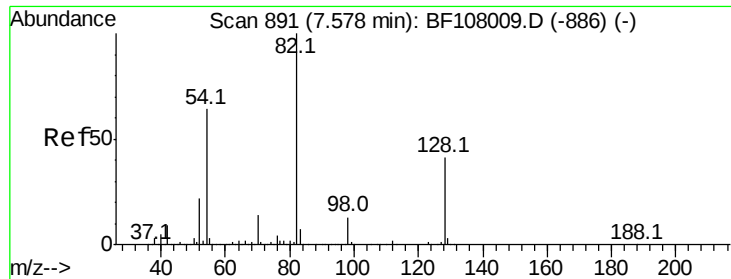
#22
Acetophenone
Concen: 40.001 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108525.D
Acq: 27 Aug 2018 22:46

Tgt Ion:105	Resp:	467714
Ion Ratio	Lower	Upper
105	100	
71	9.1	4.4 6.6#
51	35.6	22.3 33.5#
120	21.6	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

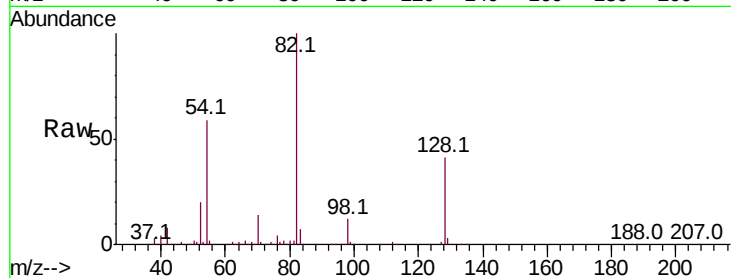




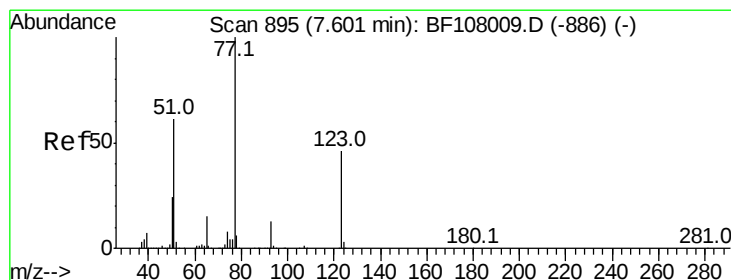
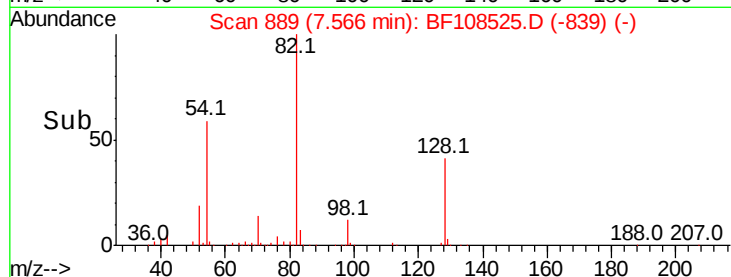
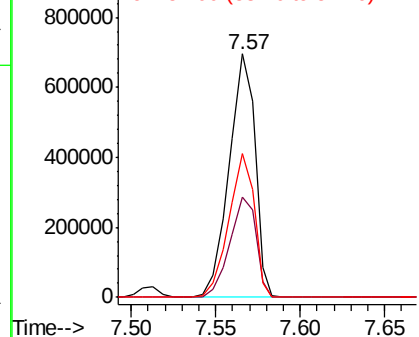
#23
 Nitrobenzene-d5
 Concen: 82.718 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108525.D
 Acq: 27 Aug 2018 22:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 741254
 Ion Ratio Lower Upper
 82 100
 128 41.4 36.1 54.1
 54 59.1 41.4 62.2

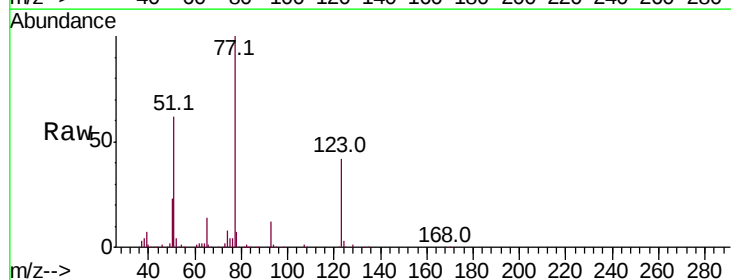


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

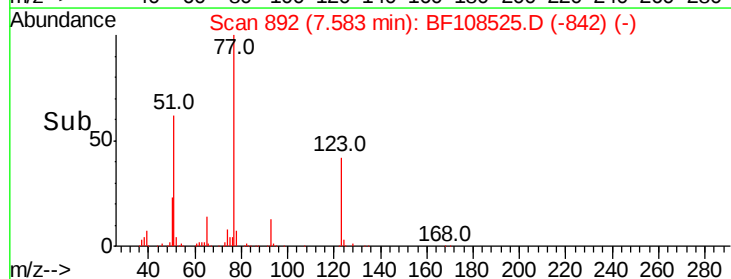
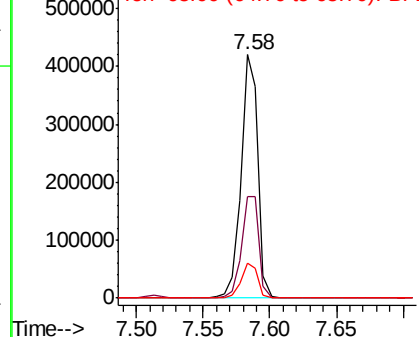


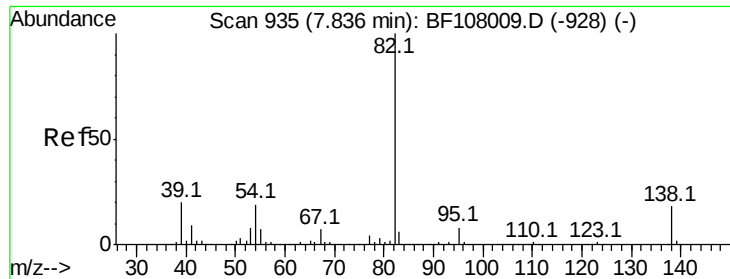
#24
 Nitrobenzene
 Concen: 40.488 ng
 RT: 7.58 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF108525.D
 Acq: 27 Aug 2018 22:46

Tgt Ion: 77 Resp: 366891
 Ion Ratio Lower Upper
 77 100
 123 41.9 37.9 56.9
 65 14.4 11.0 16.4



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

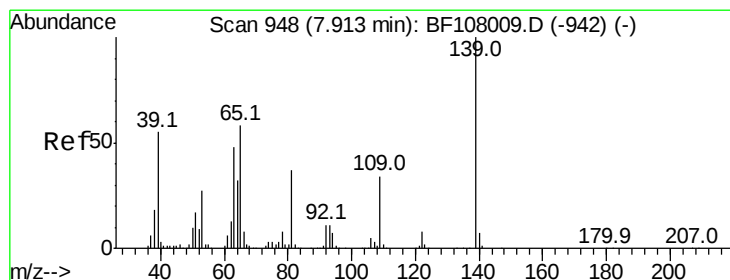
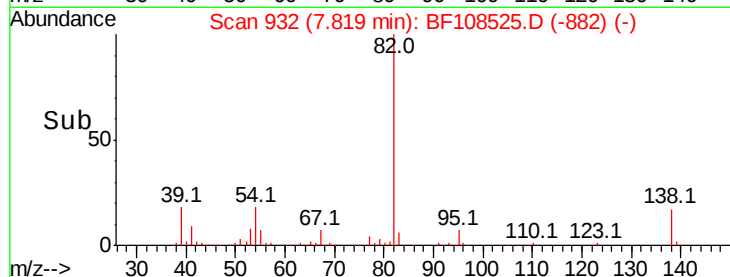
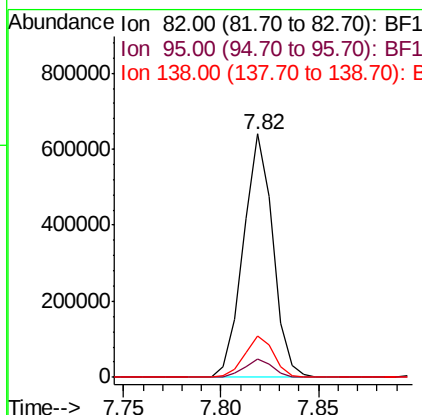
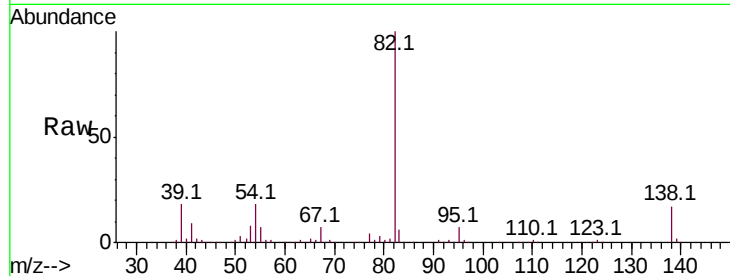




#25
Isophorone
Concen: 39.243 ng
RT: 7.82 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF108525.D
Acq: 27 Aug 2018 22:46

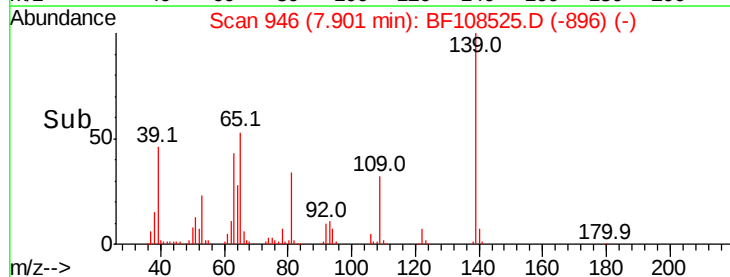
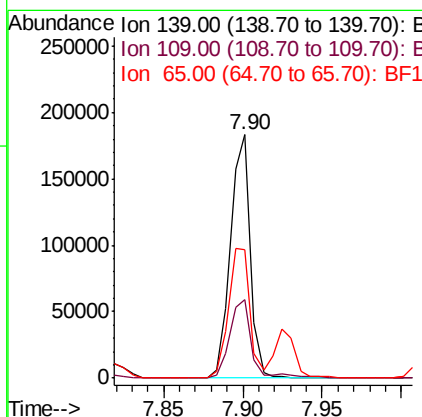
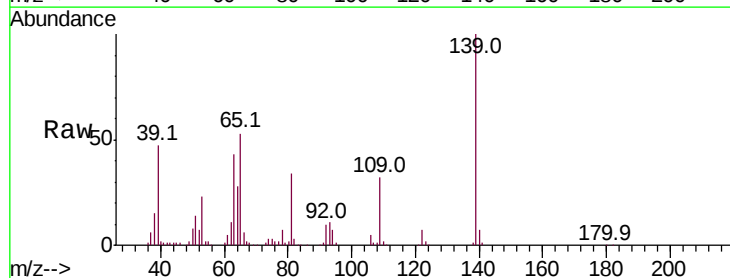
Instrument :
BNA_F
ClientSampleId :

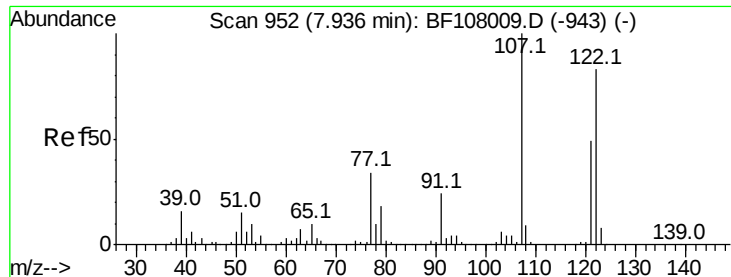
Tot Ion: 82 Resp: 670291
Ion Ratio Lower Upper
82 100
95 7.4 5.2 7.8
138 17.0 14.9 22.3



#26
2-Nitrophenol
Concen: 46.517 ng
RT: 7.90 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF108525.D
Acq: 27 Aug 2018 22:46

Tgt Ion: 139 Resp: 159188
Ion Ratio Lower Upper
139 100
109 32.3 22.7 34.1
65 52.7 40.5 60.7

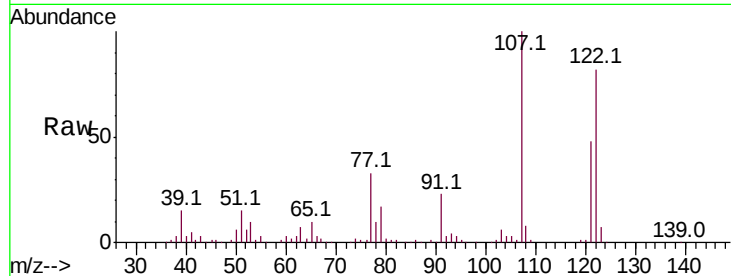




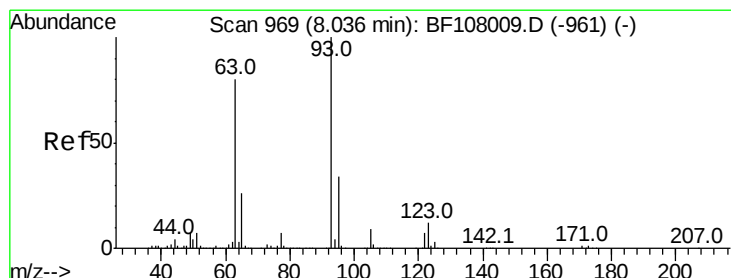
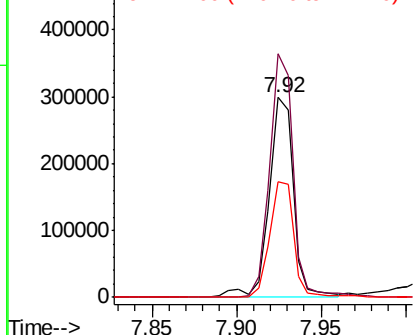
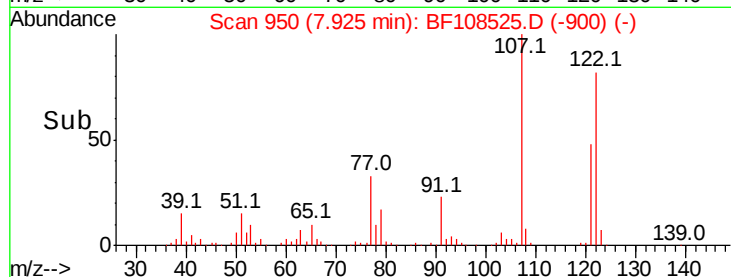
#27
 2,4-Dimethylphenol
 Concen: 39.328 ng
 RT: 7.92 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF108525.D
 Acq: 27 Aug 2018 22:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.0	91.2	136.8
121	58.2	47.2	70.8

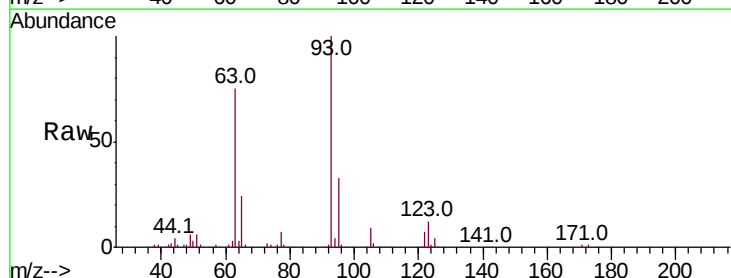


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

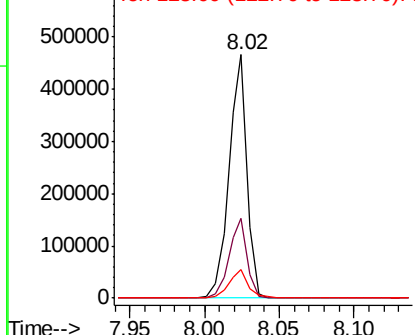
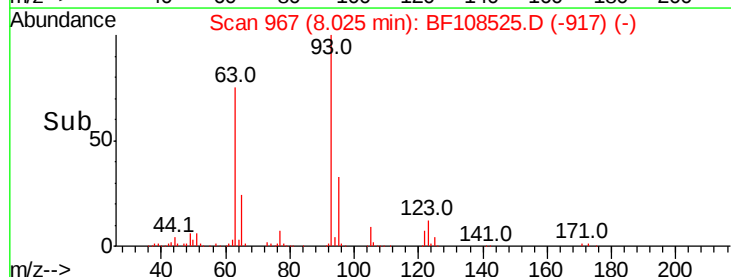


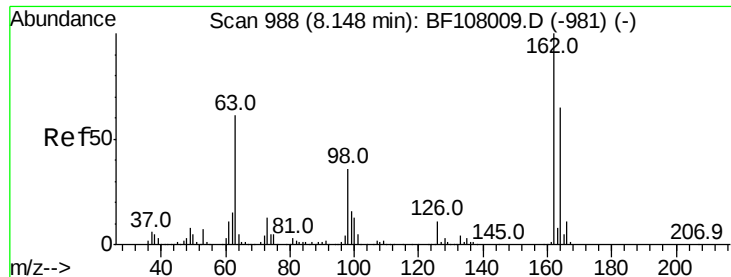
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.029 ng
 RT: 8.02 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF108525.D
 Acq: 27 Aug 2018 22:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	11.9	9.8	14.6



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

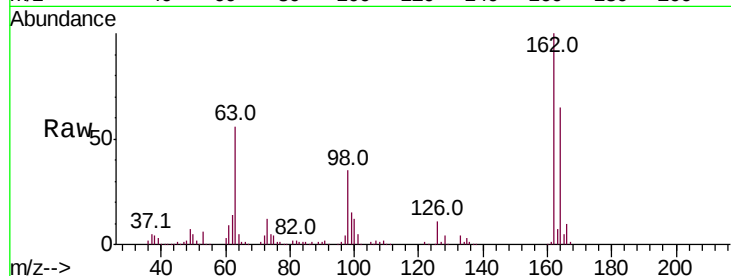




#29
2,4-Dichlorophenol
Concen: 41.373 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF108525.D
Acq: 27 Aug 2018 22:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	42.7	82.7
98	35.0	18.1	58.1

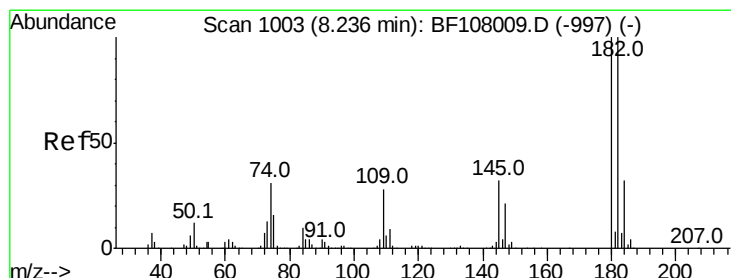
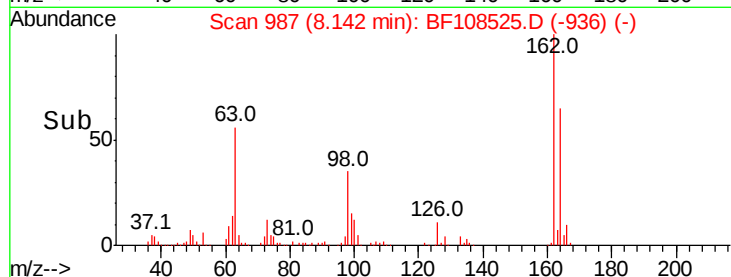
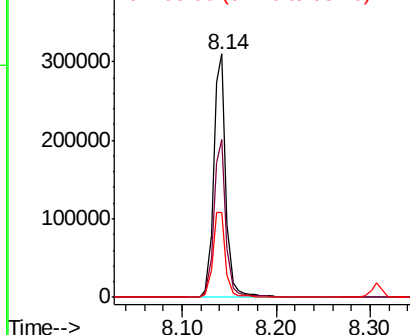


Abundance

Ion 162.00 (161.70 to 162.70): E

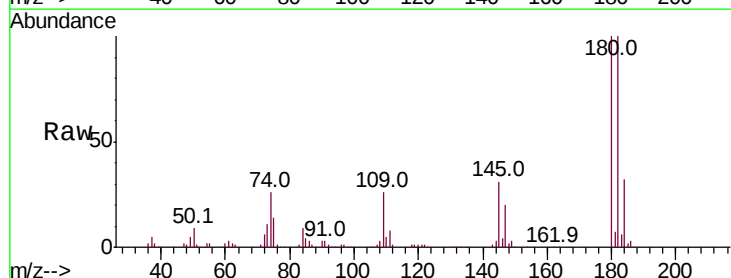
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.646 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF108525.D
Acq: 27 Aug 2018 22:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.0	76.8	115.2
145	31.3	26.5	39.7

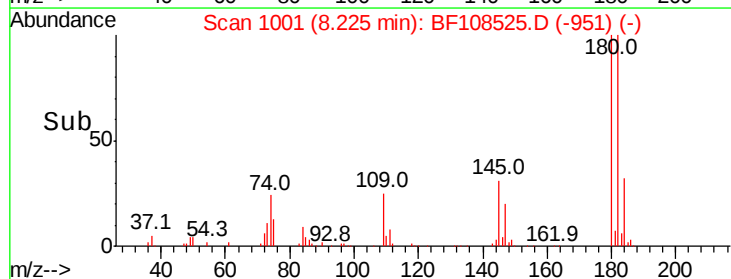
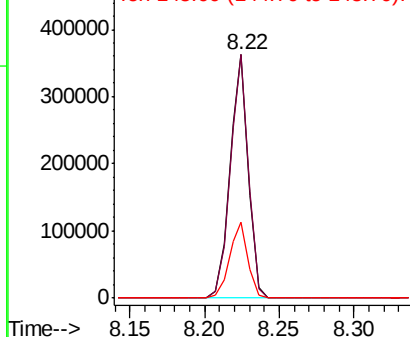


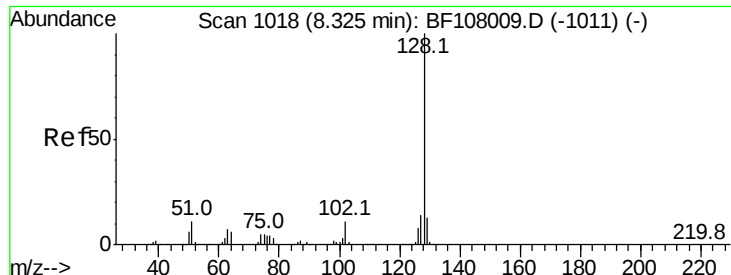
Abundance

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

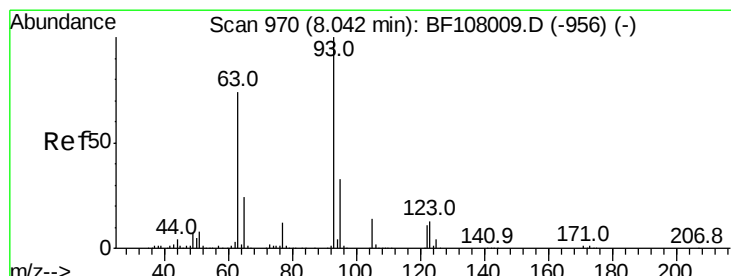
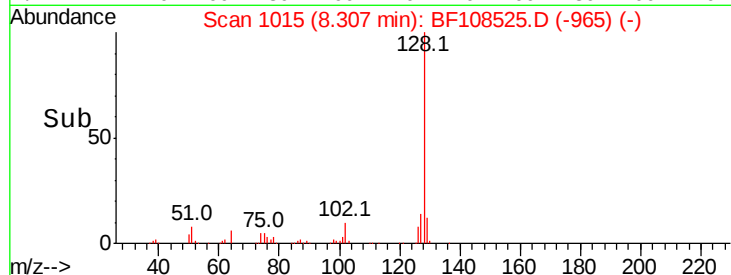
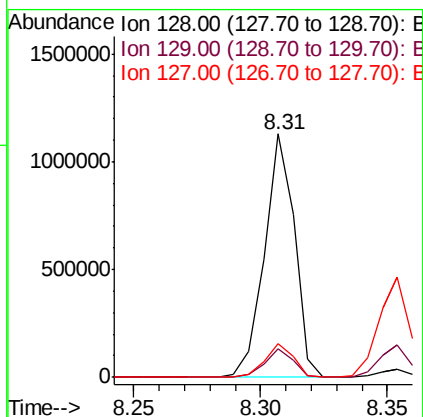
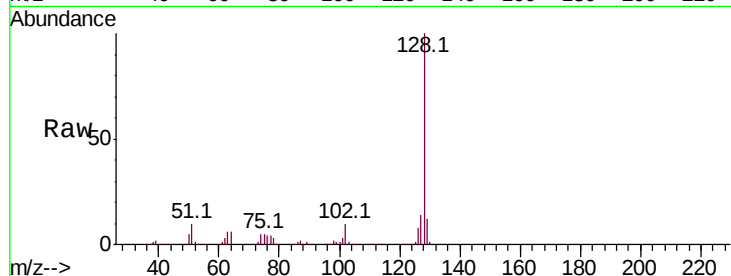




#31
Naphthalene
Concen: 41.140 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF108525.D
Acq: 27 Aug 2018 22:46

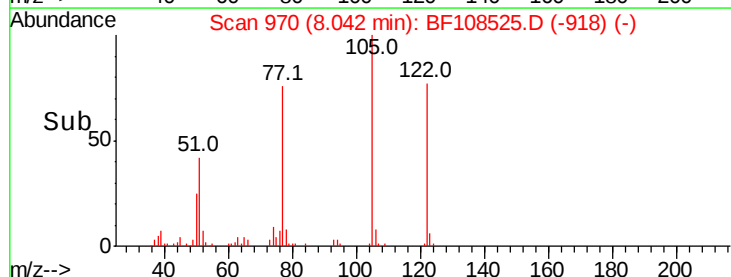
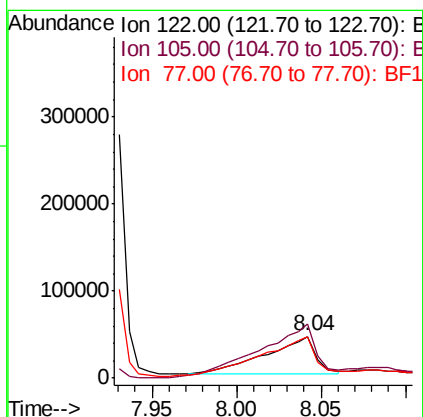
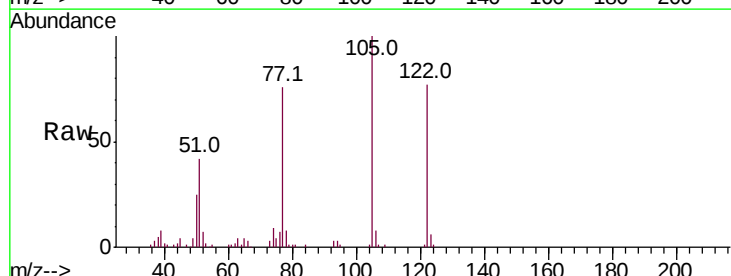
Instrument :
BNA_F
ClientSampleId :

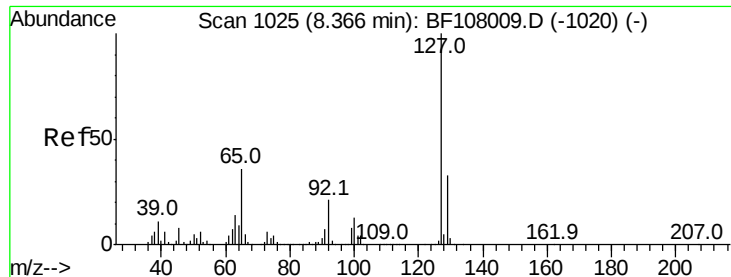
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	14.0	10.9	16.3



#32
Benzoic acid
Concen: 23.885 ng
RT: 8.04 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF108525.D
Acq: 27 Aug 2018 22:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.0	101.1	141.1
77	98.3	70.7	110.7

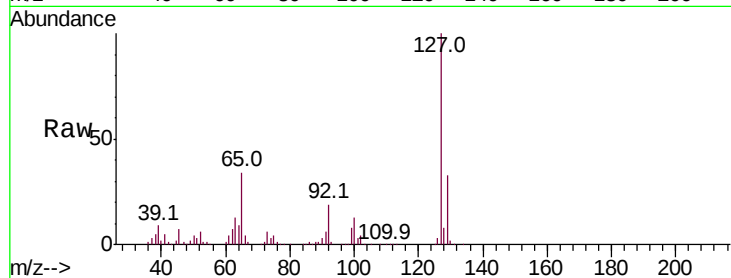




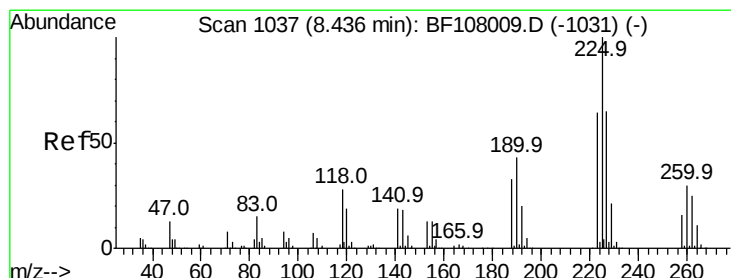
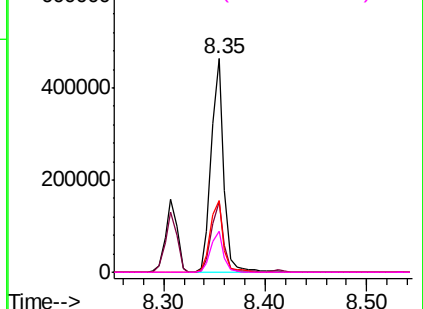
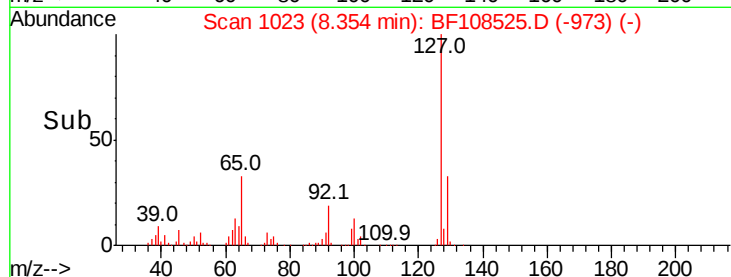
#33
4-Chloroaniline
Concen: 40.453 ng
RT: 8.35 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF108525.D
Acq: 27 Aug 2018 22:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	400911
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	33.7	25.0	37.4
92	19.0	15.2	22.8

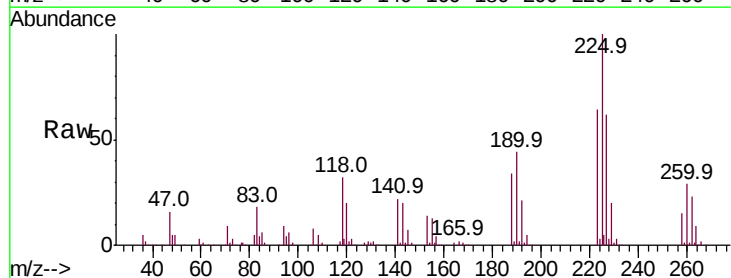


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

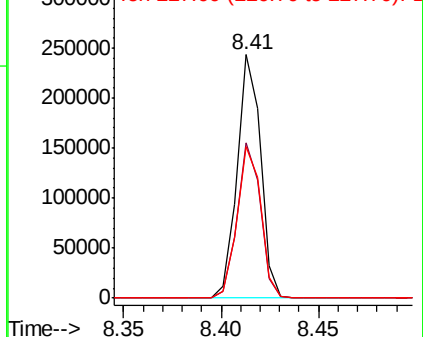
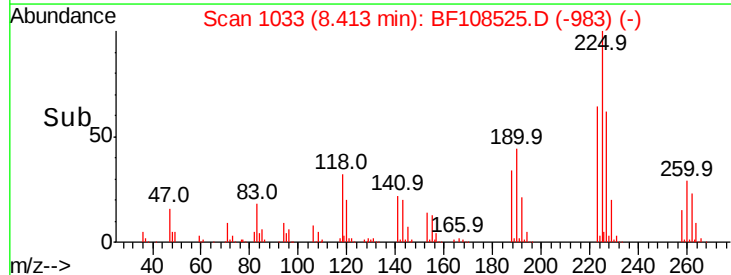


#34
Hexachlorobutadiene
Concen: 41.637 ng
RT: 8.41 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF108525.D
Acq: 27 Aug 2018 22:46

Tgt Ion:	225	Resp:	202741
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	62.3	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

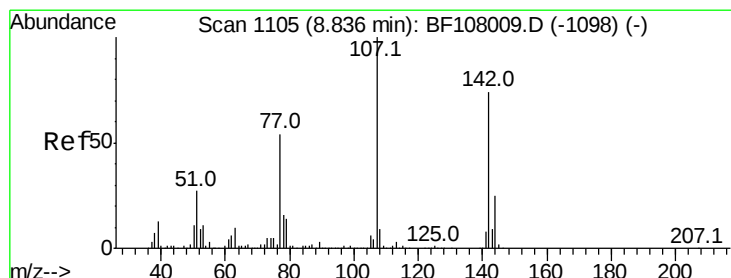
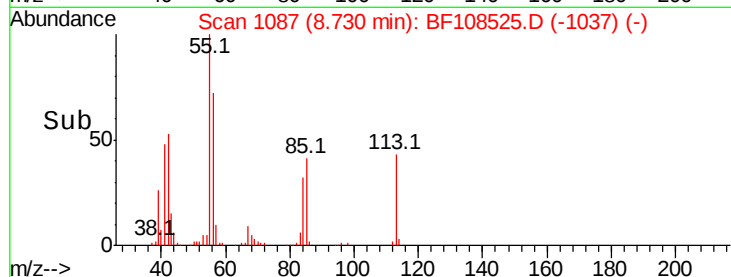
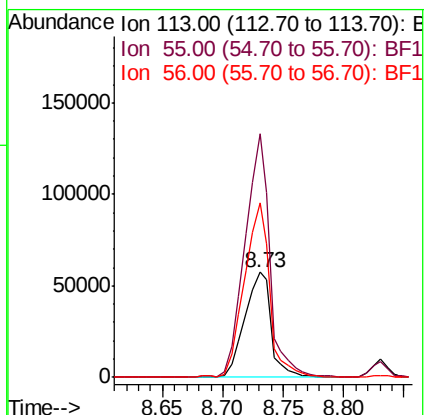
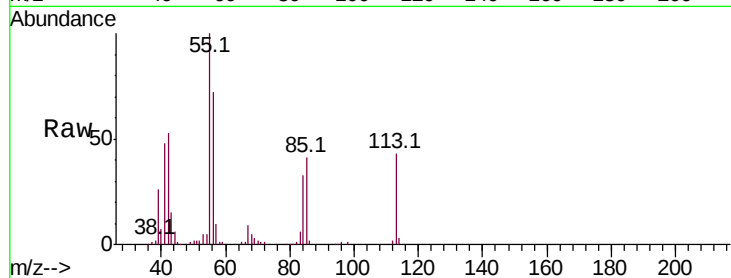




#35
 Caprolactam
 Concen: 40.180 ng
 RT: 8.73 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF108525.D
 Acq: 27 Aug 2018 22:46

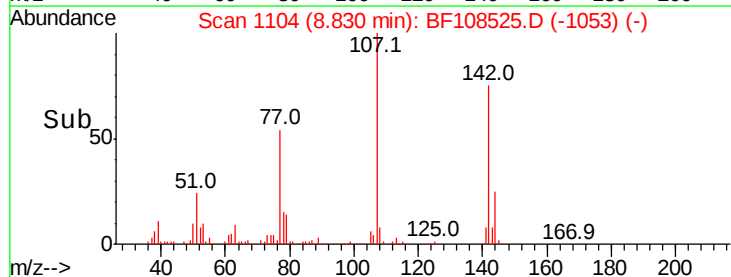
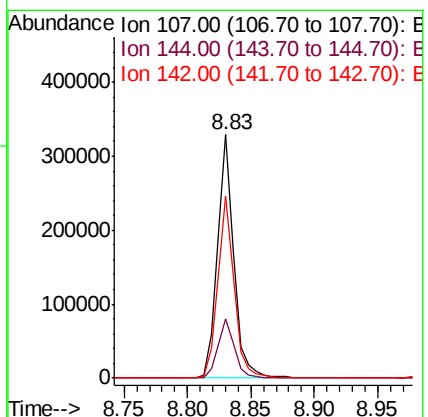
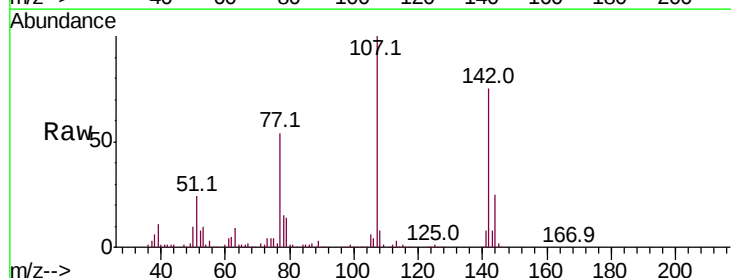
Instrument :
 BNA_F
 ClientSampleId :

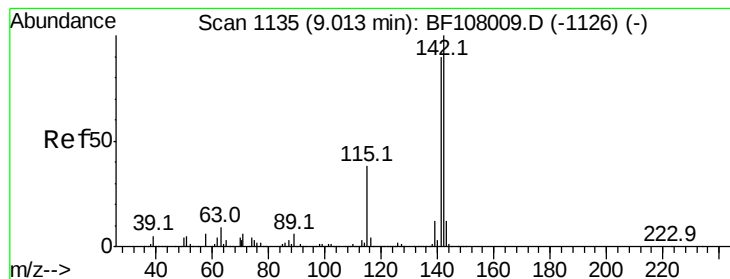
Tot Ion:113 Resp: 87842
 Ion Ratio Lower Upper
 113 100
 55 232.2 163.3 203.3#
 56 166.3 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 40.231 ng
 RT: 8.83 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BF108525.D
 Acq: 27 Aug 2018 22:46

Tgt Ion:107 Resp: 302781
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.5 30.7
 142 74.7 62.0 93.0

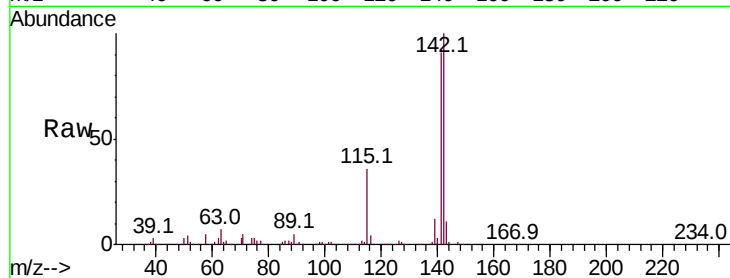




#37
2-Methylnaphthalene
Concen: 40.331 ng
RT: 9.00 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF108525.D
Acq: 27 Aug 2018 22:46

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	70.8	106.2
115	35.7	26.1	39.1

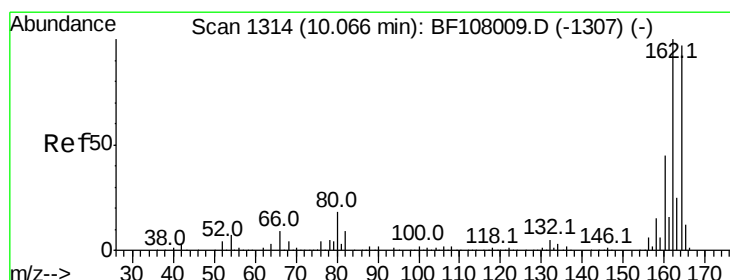
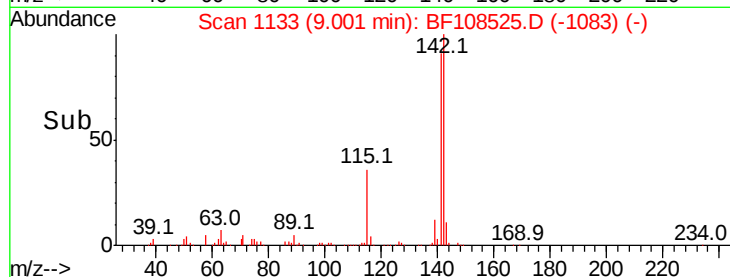
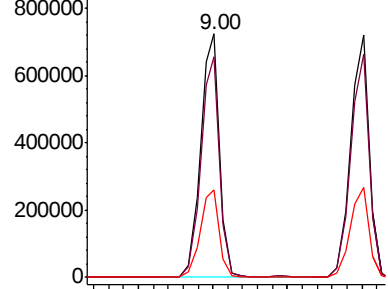


Abundance

Ion 142.00 (141.70 to 142.70): E

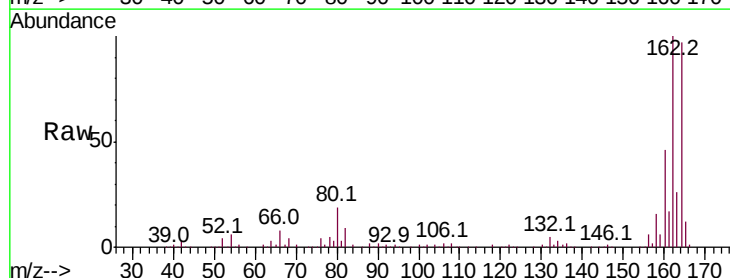
Ion 141.00 (140.70 to 141.70): E

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: BF108525.D
Acq: 27 Aug 2018 22:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	47.6	38.3	57.5

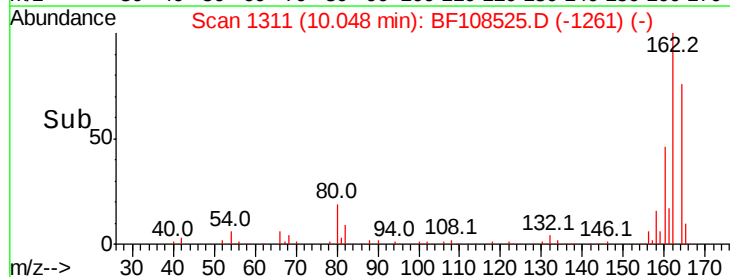
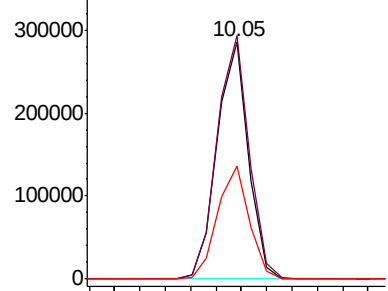


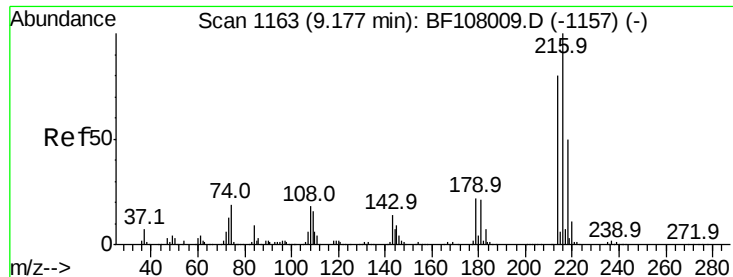
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

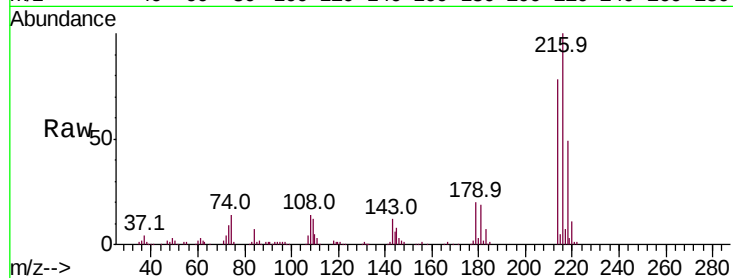




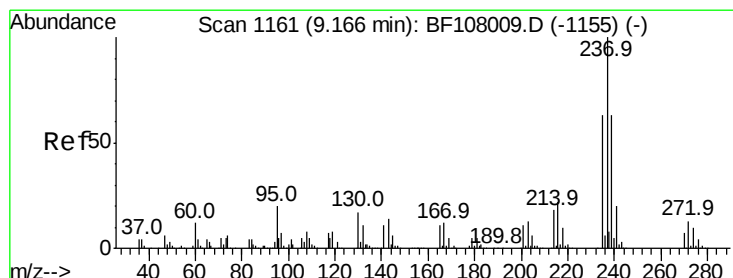
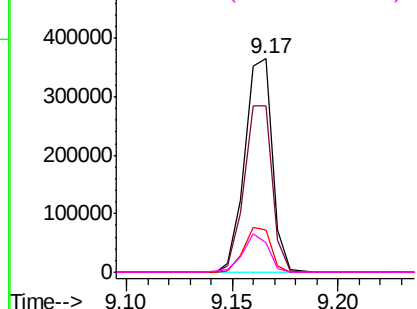
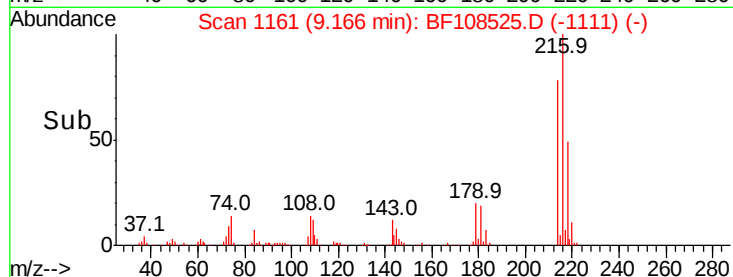
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.947 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF108525.D
 Acq: 27 Aug 2018 22:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	20.7	18.1	27.1
108	16.7	17.2	25.8

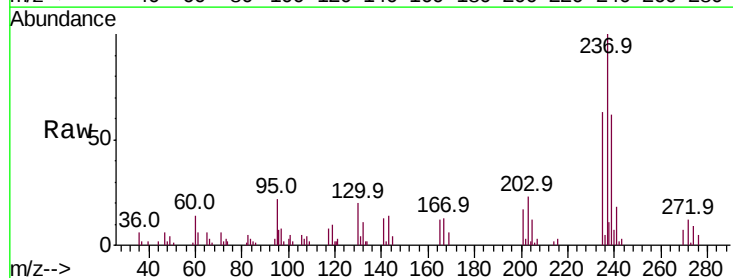


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

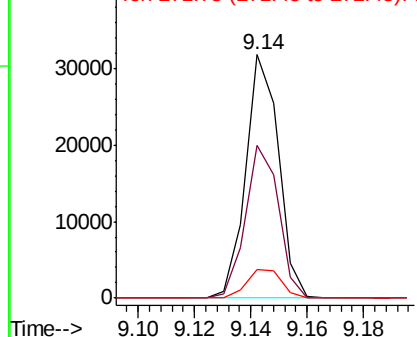
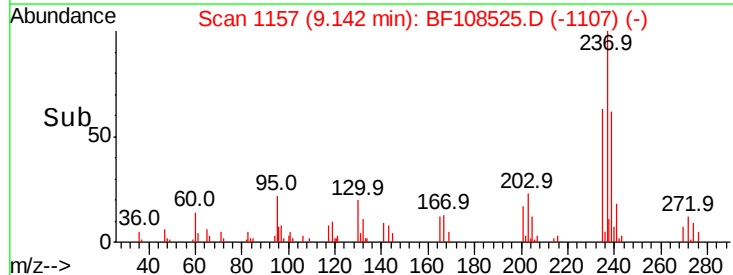


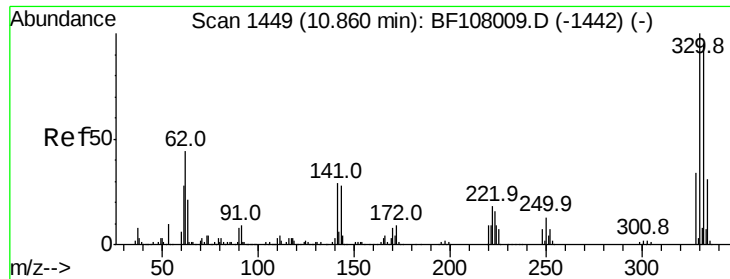
#40
 Hexachlorocyclopentadiene
 Concen: 5.284 ng
 RT: 9.14 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF108525.D
 Acq: 27 Aug 2018 22:46

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.8	44.8	84.8
272	11.8	0.0	33.3



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

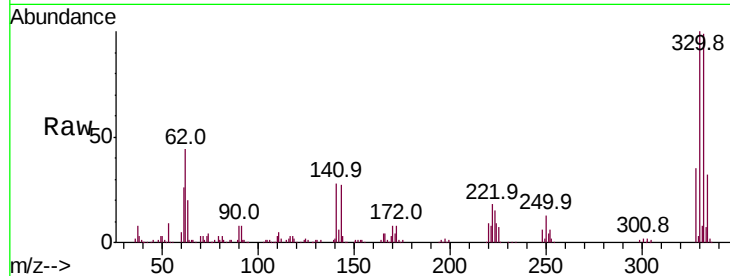




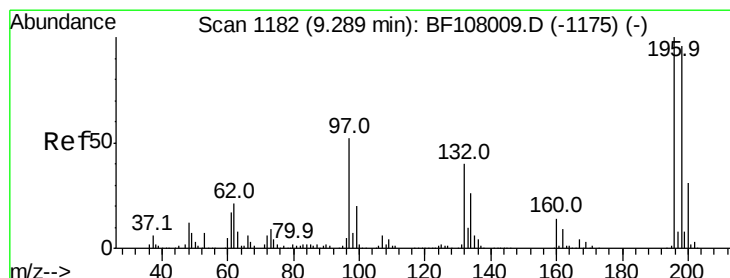
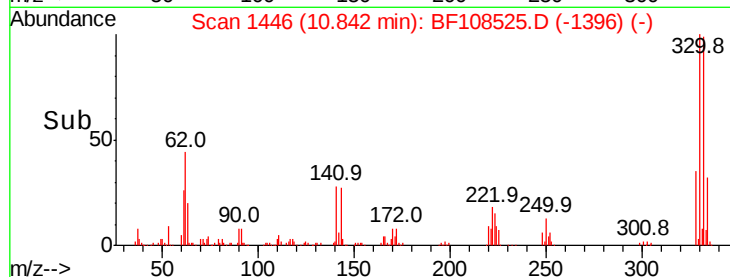
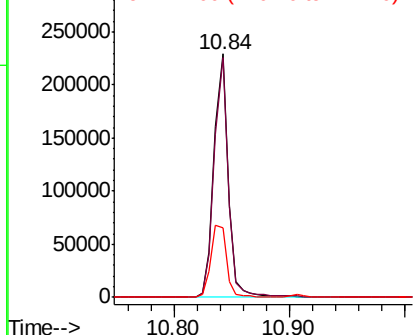
#41
 2,4,6-Tribromophenol
 Concen: 81.235 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108525.D
 Acq: 27 Aug 2018 22:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 198414
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 32.6 29.9 44.9

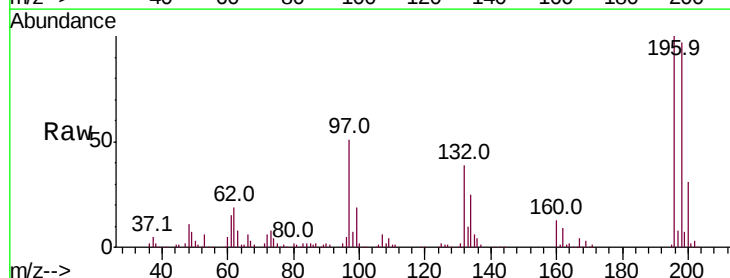


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

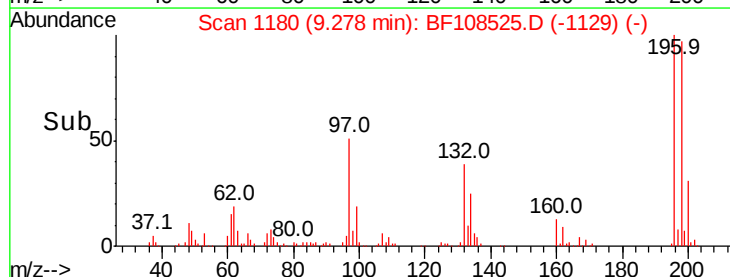
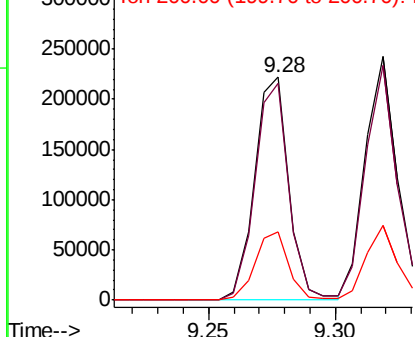


#42
 2,4,6-Trichlorophenol
 Concen: 44.879 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108525.D
 Acq: 27 Aug 2018 22:46

Tgt Ion:196 Resp: 209417
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.7 113.5
 200 30.9 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

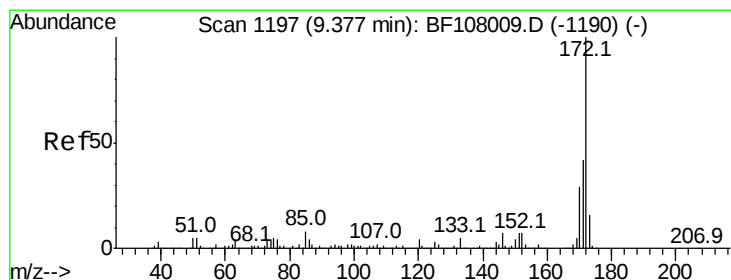
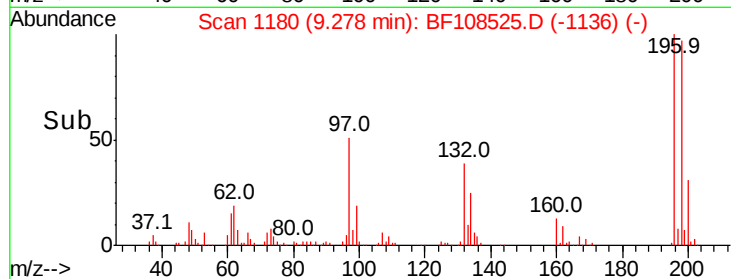
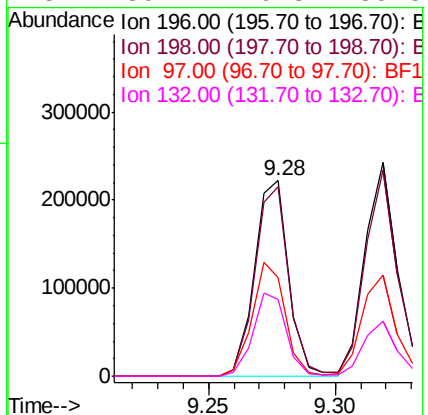
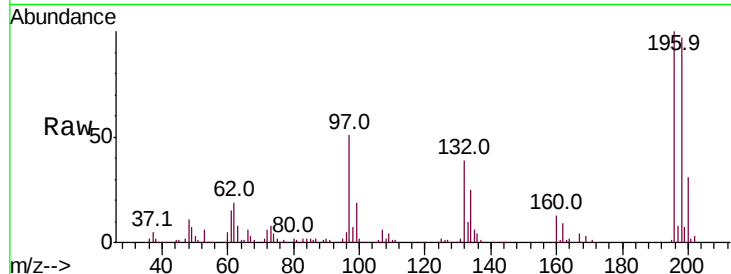




#43
 2,4,5-Trichlorophenol
 Concen: 40.769 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF108525.D
 Acq: 27 Aug 2018 22:46

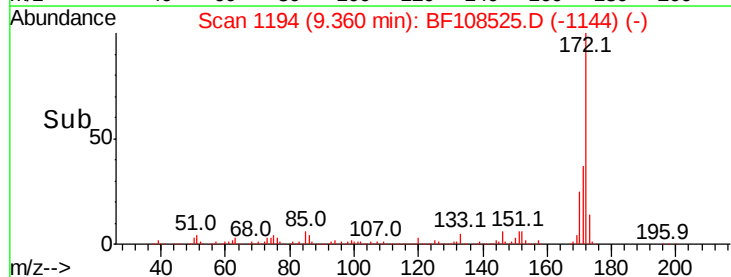
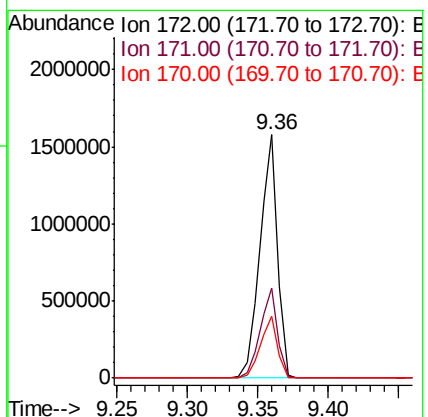
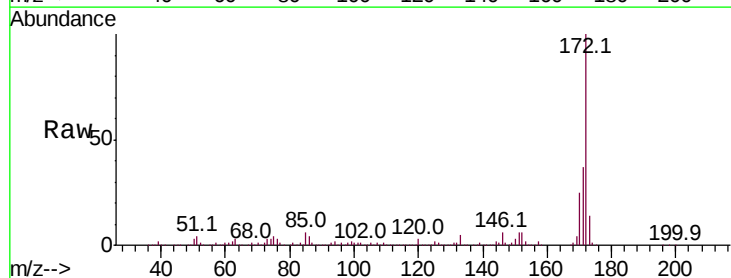
Instrument :
 BNA_F
 ClientSampled :

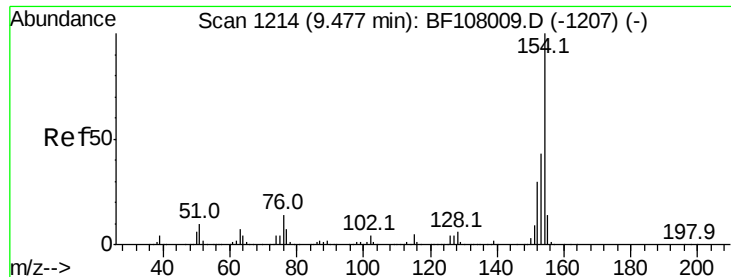
Tot Ion:	196	Resp:	209417
Ion	Ratio	Lower	Upper
196	100		
198	97.1	74.6	112.0
97	50.6	42.9	64.3
132	39.4	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 91.327 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108525.D
 Acq: 27 Aug 2018 22:46

Tgt Ion:	172	Resp:	1392919
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	25.4	19.6	29.4

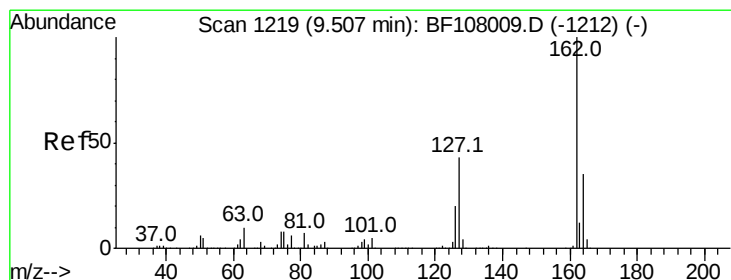
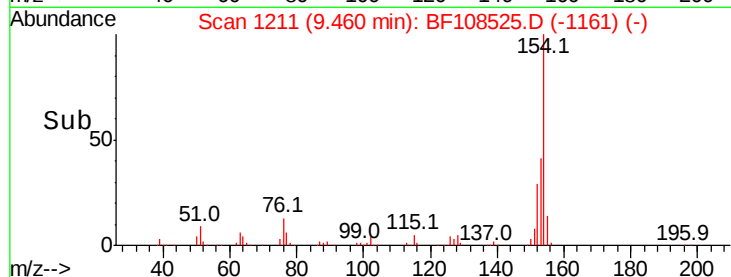
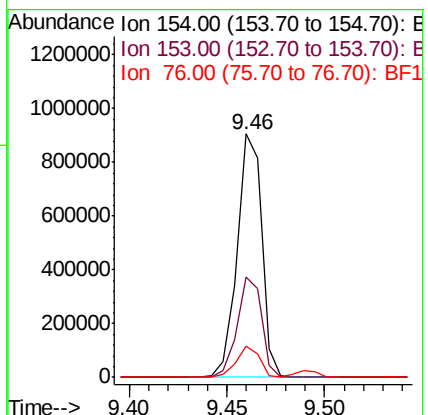
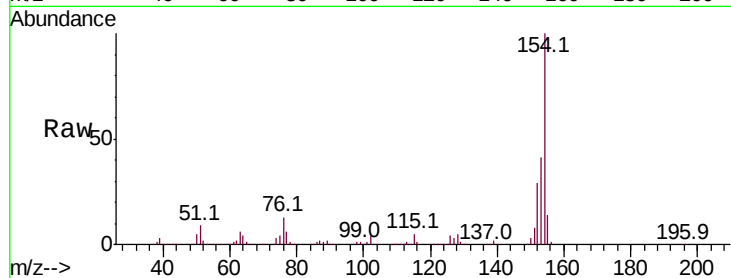




#45
 1,1'-Biphenyl
 Concen: 43.782 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF108525.D
 Acq: 27 Aug 2018 22:46

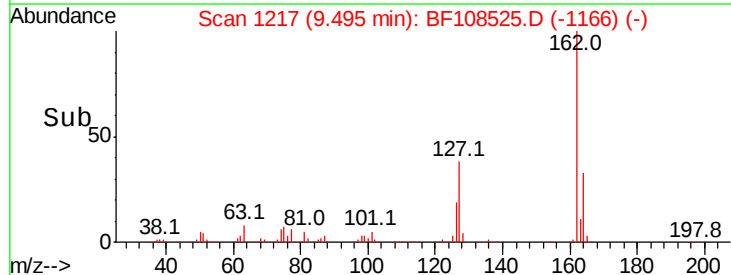
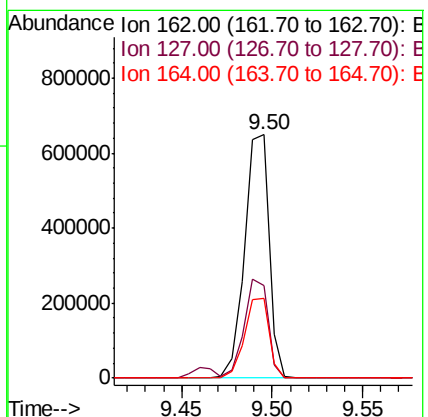
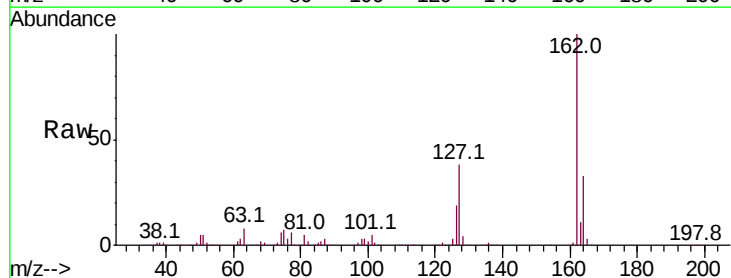
Instrument :
 BNA_F
 ClientSampled :

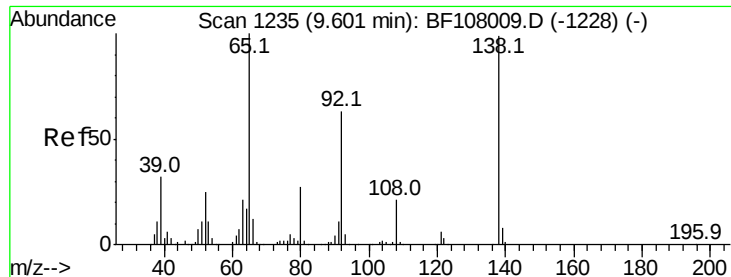
Tot Ion:154 Resp: 790438
 Ion Ratio Lower Upper
 154 100
 153 40.9 21.3 61.3
 76 13.0 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 42.726 ng
 RT: 9.50 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF108525.D
 Acq: 27 Aug 2018 22:46

Tgt Ion:162 Resp: 609670
 Ion Ratio Lower Upper
 162 100
 127 38.2 33.9 50.9
 164 32.8 26.5 39.7





#47

2-Nitroaniline

Concen: 44.717 ng

RT: 9.59 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF108525.D

Acq: 27 Aug 2018 22:46

Instrument :

BNA_F

ClientSampleId :

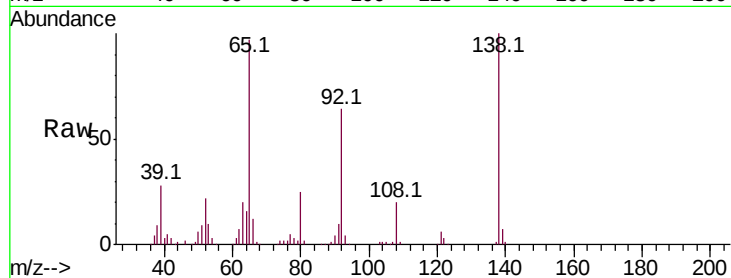
Tot Ion: 65 Resp: 206454

Ion Ratio Lower Upper

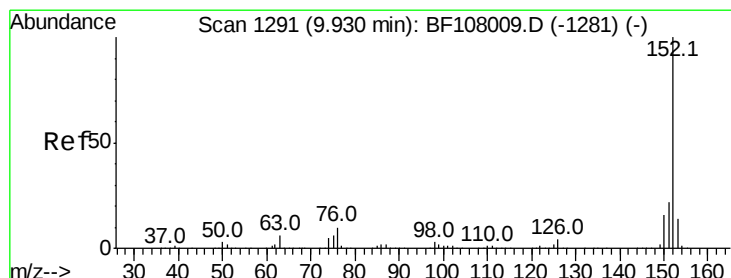
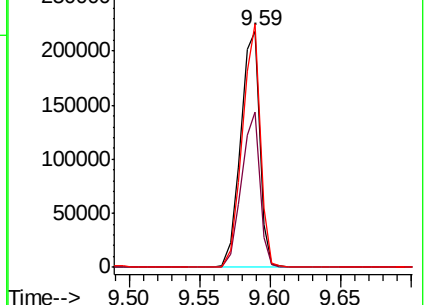
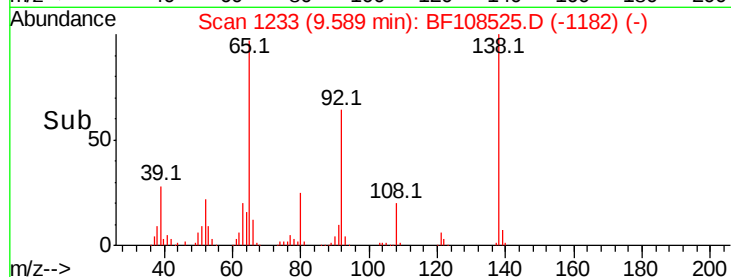
65 100

92 65.8 55.8 83.6

138 103.2 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 42.329 ng

RT: 9.91 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF108525.D

Acq: 27 Aug 2018 22:46

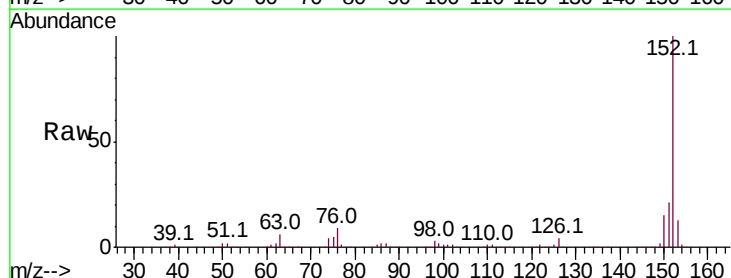
Tgt Ion: 152 Resp: 954888

Ion Ratio Lower Upper

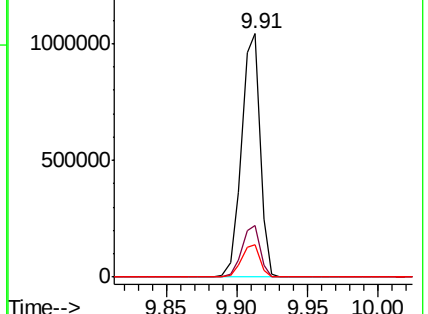
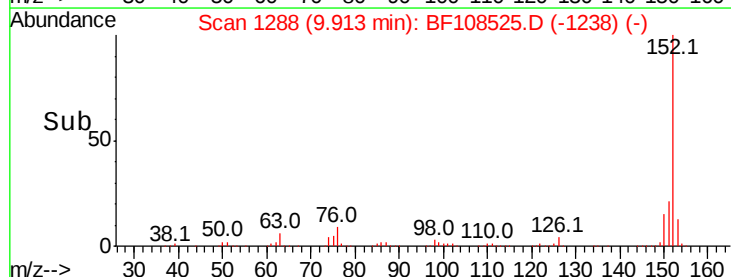
152 100

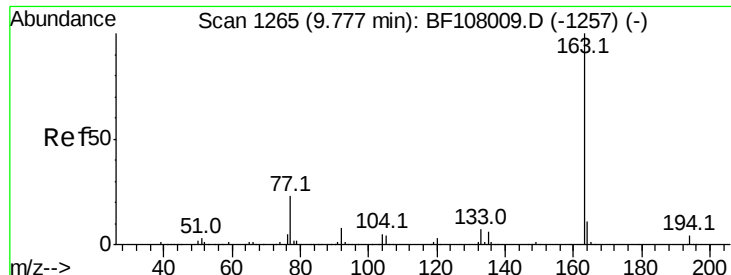
151 21.0 16.3 24.5

153 13.4 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

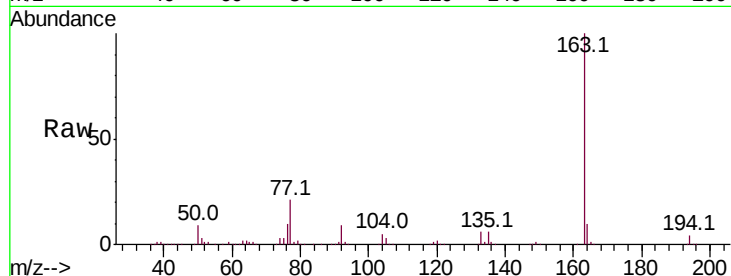




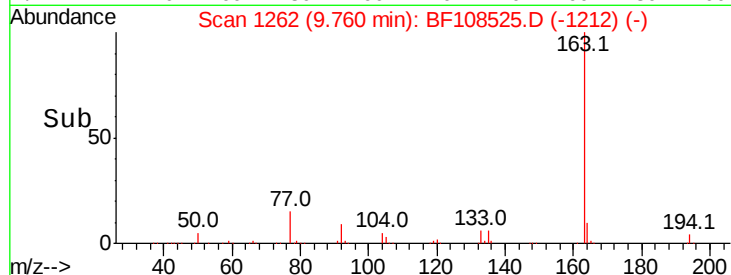
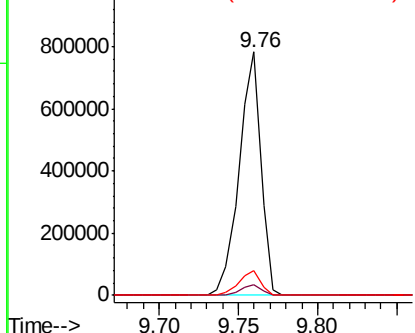
#49
Dimethylphthalate
Concen: 43.565 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF108525.D
Acq: 27 Aug 2018 22:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 743089
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.4 8.2 12.2

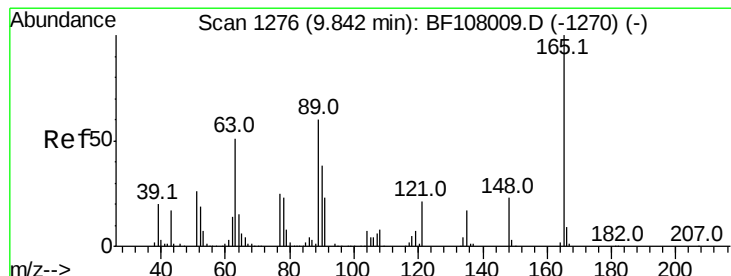


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

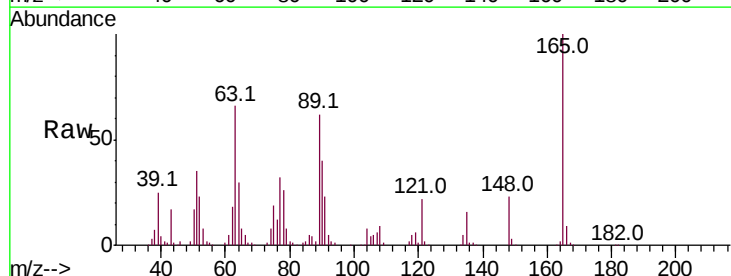
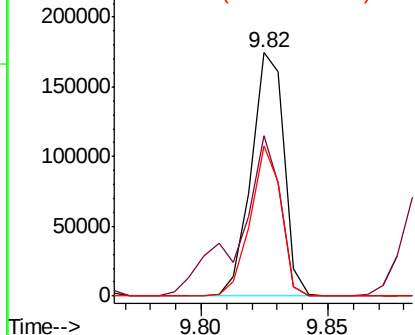


#50
2,6-Dinitrotoluene
Concen: 43.995 ng
RT: 9.82 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF108525.D
Acq: 27 Aug 2018 22:46

Tgt Ion:165 Resp: 157003
Ion Ratio Lower Upper
165 100
63 65.8 44.7 67.1
89 61.9 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: 40.624 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108525.D

Acq: 27 Aug 2018 22:46

Instrument :

BNA_F

ClientSampleId :

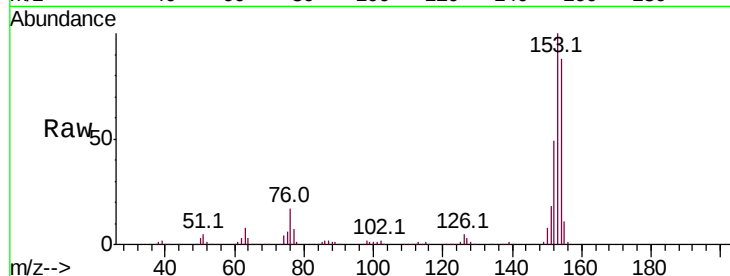
Tot Ion:154 Resp: 561299

Ion Ratio Lower Upper

154 100

153 113.5 91.2 136.8

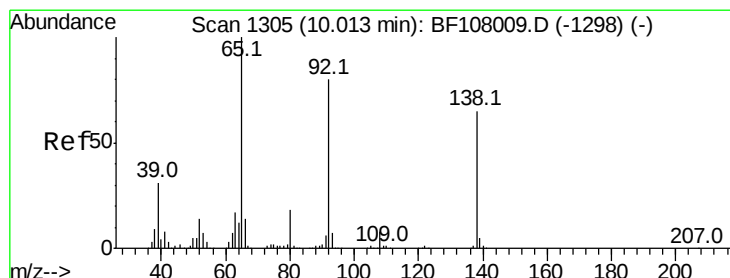
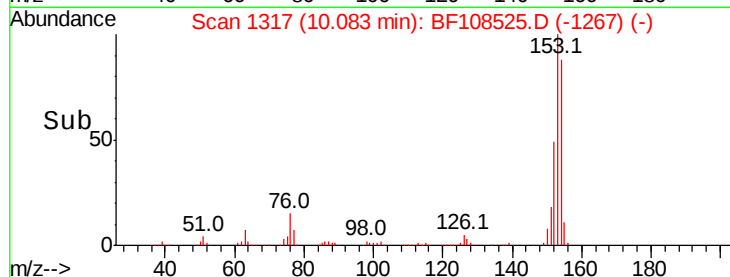
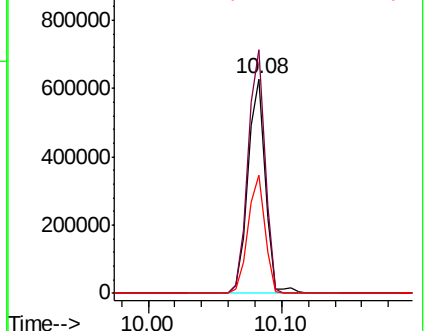
152 55.2 43.8 65.8



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: 42.573 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF108525.D

Acq: 27 Aug 2018 22:46

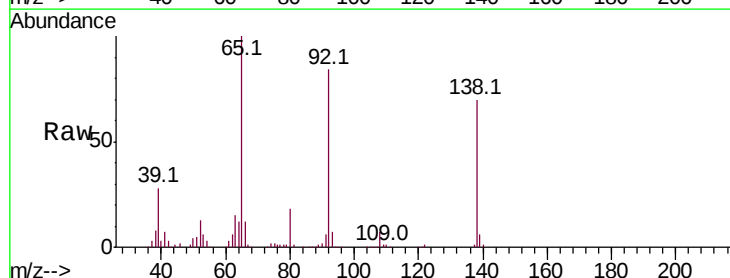
Tgt Ion:138 Resp: 166227

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

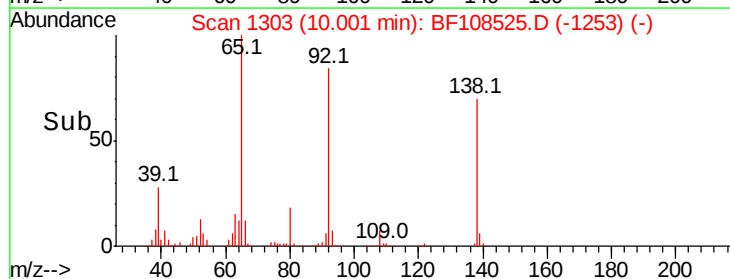
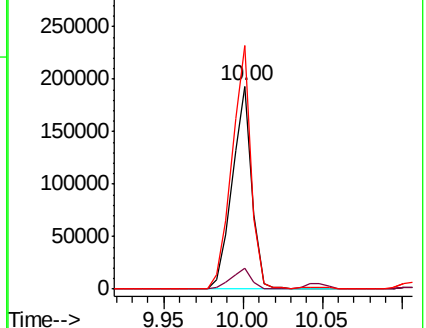
92 119.9 89.4 134.2

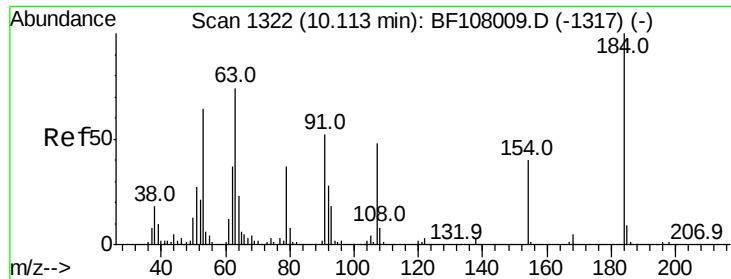


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

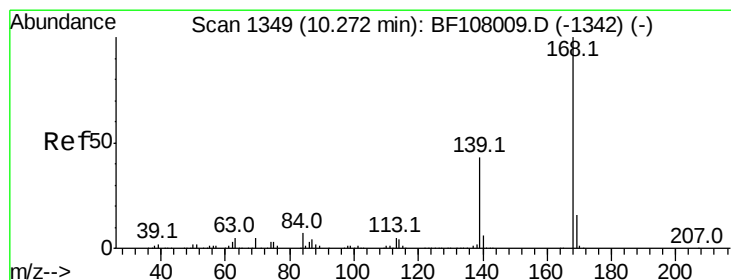
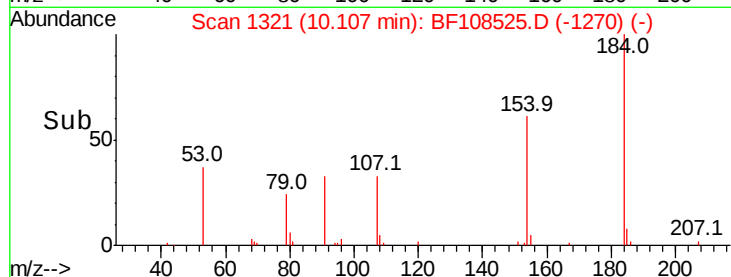
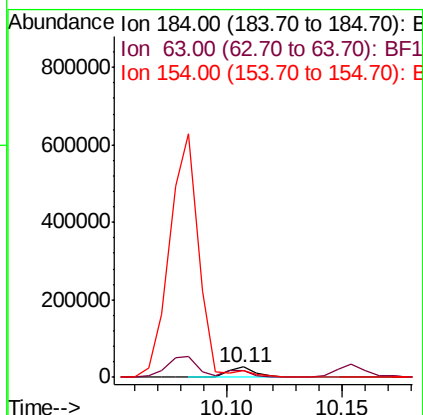
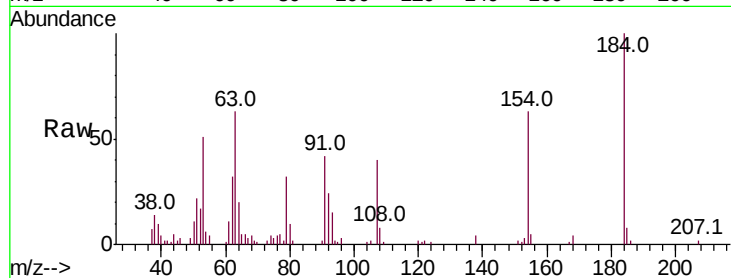




#53
 2,4-Dinitrophenol
 Concen: 23.465 ng
 RT: 10.11 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF108525.D
 Acq: 27 Aug 2018 22:46

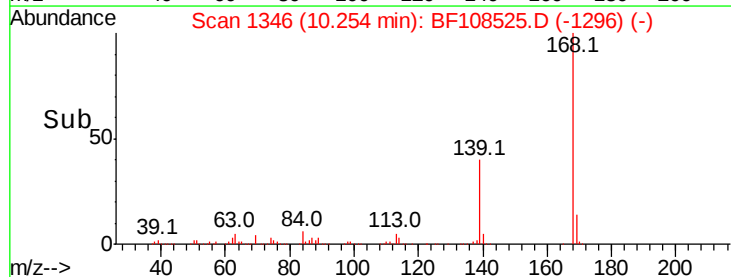
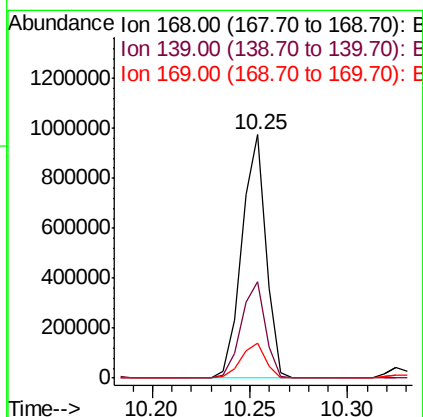
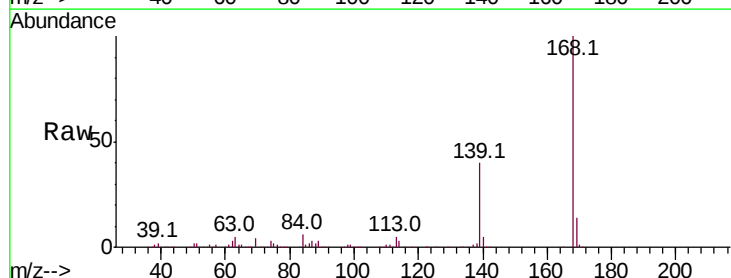
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 24074
 Ion Ratio Lower Upper
 184 100
 63 62.6 54.2 81.2
 154 62.8 184.0 276.0#



#54
 Dibenzofuran
 Concen: 41.551 ng
 RT: 10.25 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF108525.D
 Acq: 27 Aug 2018 22:46

Tgt Ion:168 Resp: 831763
 Ion Ratio Lower Upper
 168 100
 139 39.6 30.1 45.1
 169 14.2 10.9 16.3





#55

4-Nitrophenol

Concen: 33.566 ng

RT: 10.15 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BF108525.D

Acq: 27 Aug 2018 22:46

Instrument :

BNA_F

ClientSampled :

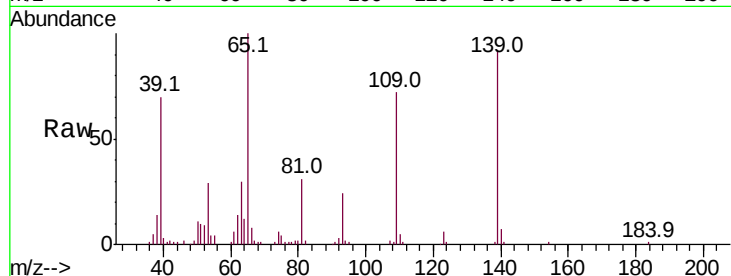
Tot Ion:139 Resp: 99244

Ion Ratio Lower Upper

139 100

109 78.7 48.4 88.4

65 109.0 72.6 112.6

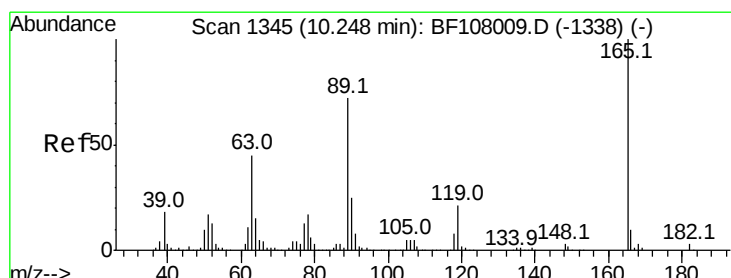
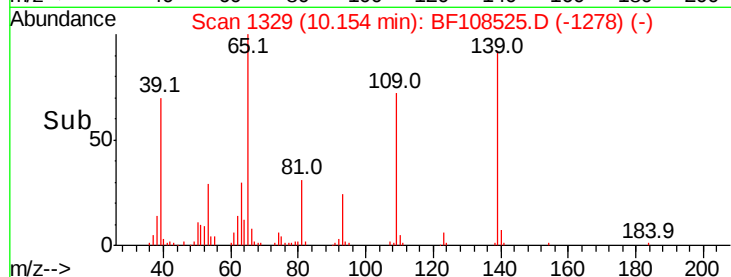
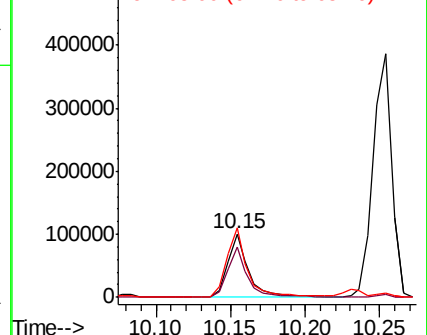


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 44.479 ng

RT: 10.24 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BF108525.D

Acq: 27 Aug 2018 22:46

Tgt Ion:165 Resp: 204314

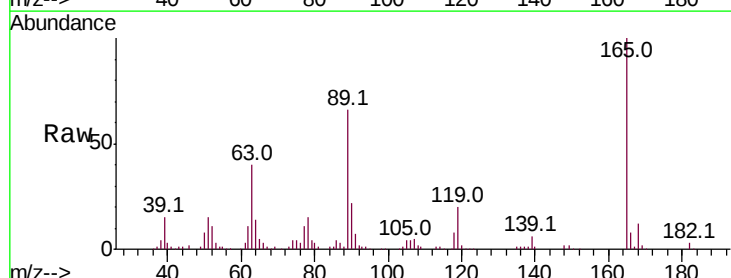
Ion Ratio Lower Upper

165 100

63 40.4 36.4 54.6

89 65.8 57.8 86.6

182 2.9 1.6 2.4#



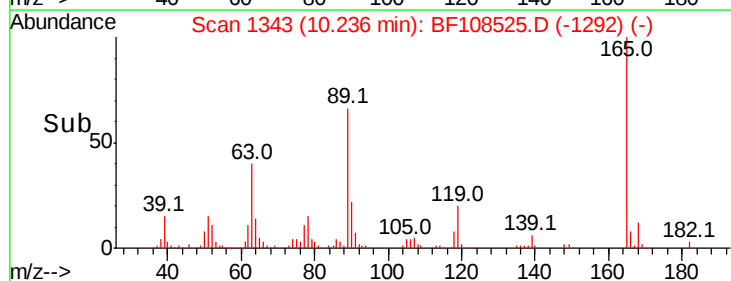
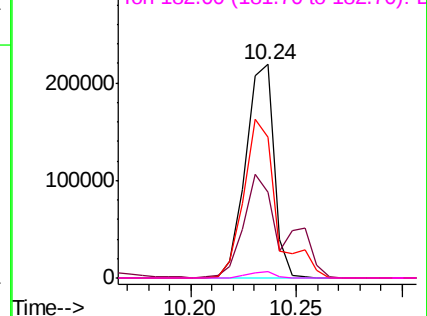
Abundance

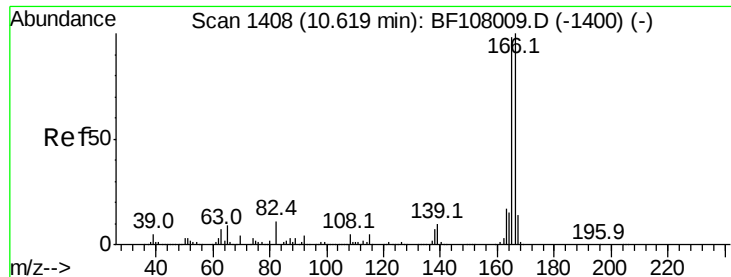
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.273 ng

RT: 10.60 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF108525.D

Acq: 27 Aug 2018 22:46

Instrument :

BNA_F

ClientSampleId :

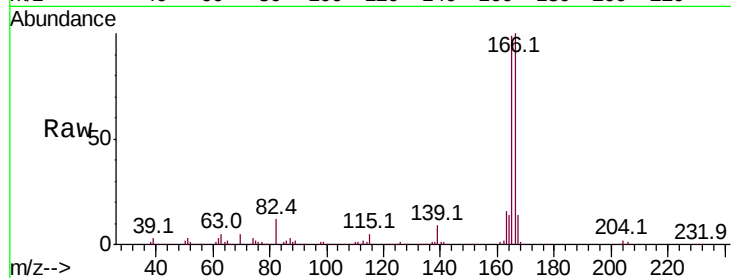
Tot Ion:166 Resp: 654032

Ion Ratio Lower Upper

166 100

165 98.9 79.8 119.8

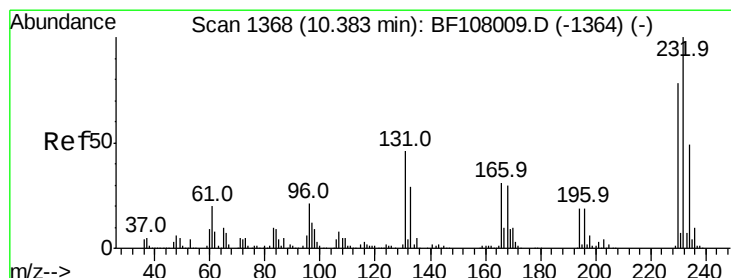
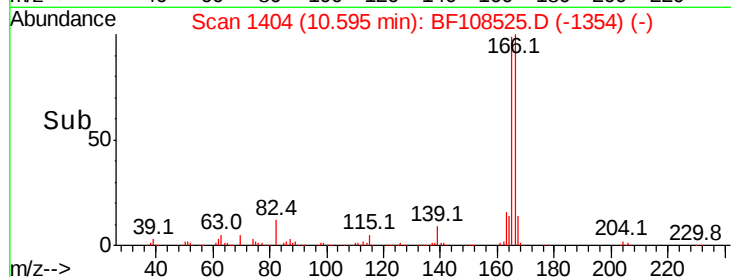
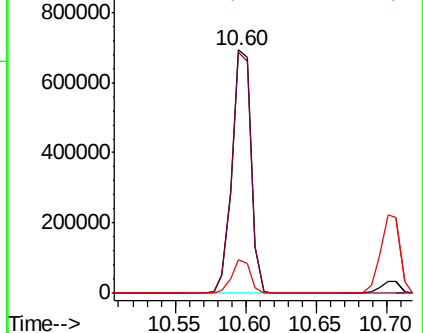
167 13.9 10.6 16.0



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: 41.598 ng

RT: 10.37 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BF108525.D

Acq: 27 Aug 2018 22:46

Tgt Ion:232 Resp: 178596

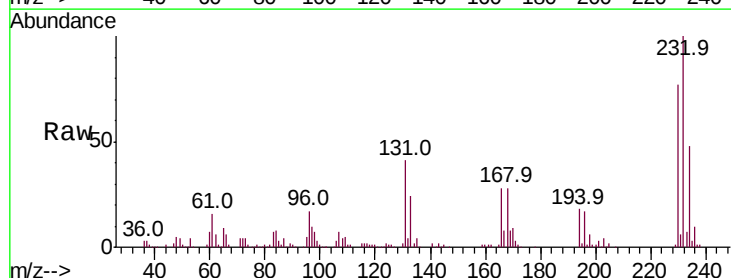
Ion Ratio Lower Upper

232 100

131 41.7 43.8 65.8#

130 2.0 2.1 3.1#

166 28.2 27.8 41.6

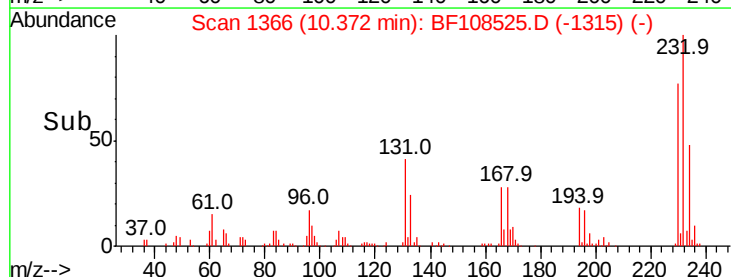
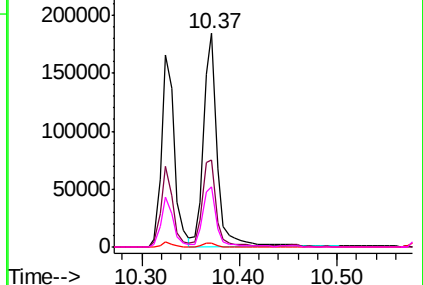


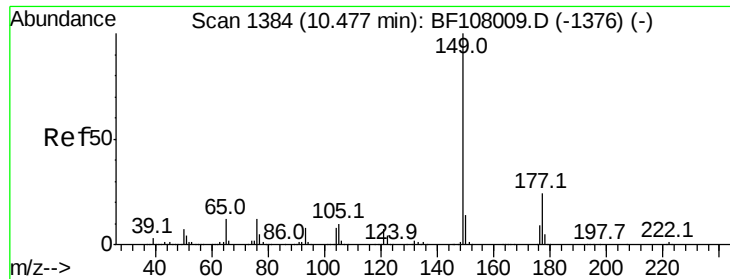
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

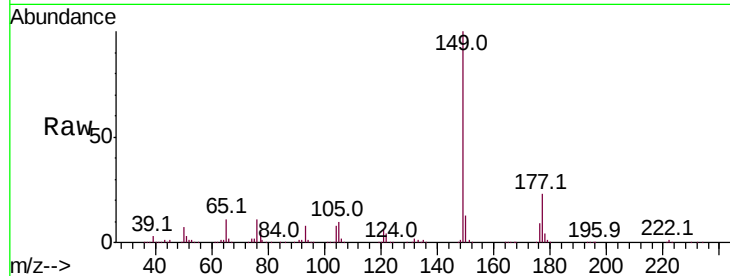




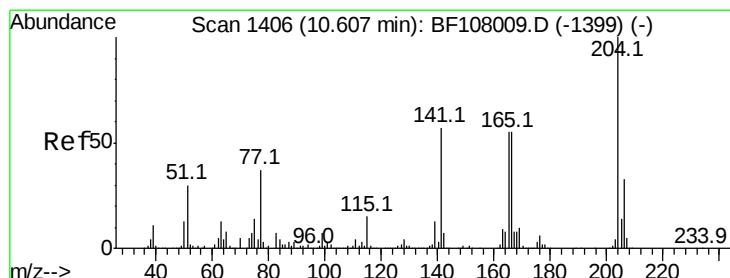
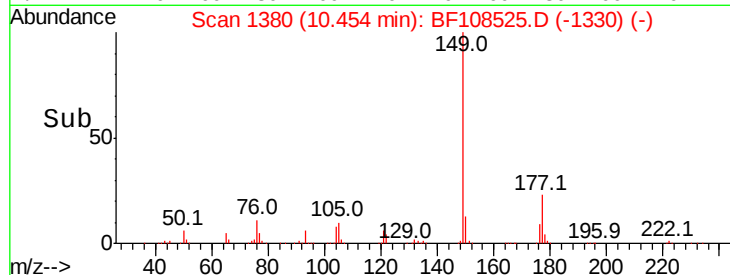
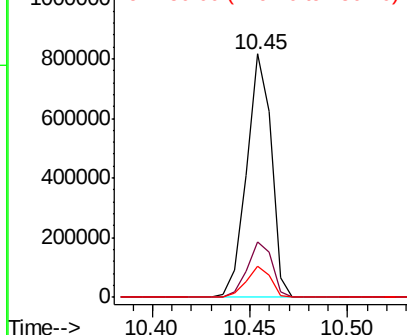
#59
Diethylphthalate
Concen: 43.277 ng
RT: 10.45 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF108525.D
Acq: 27 Aug 2018 22:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 714801
Ion Ratio Lower Upper
149 100
177 22.5 16.1 24.1
150 13.0 10.1 15.1

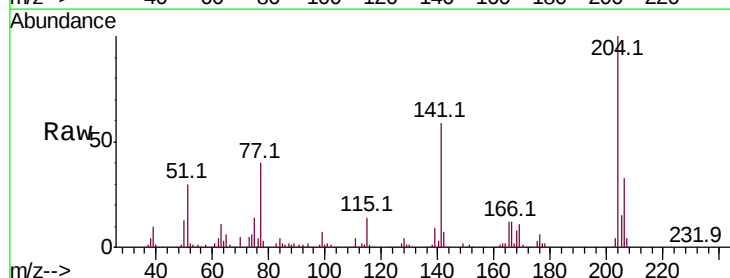


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

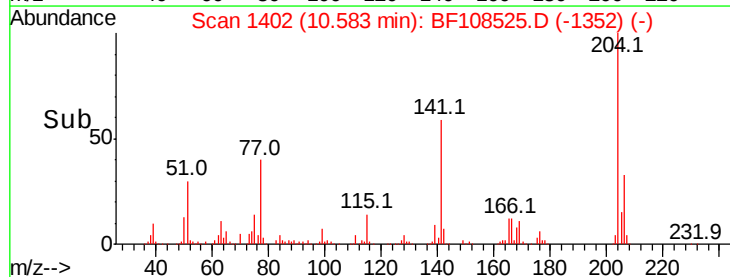
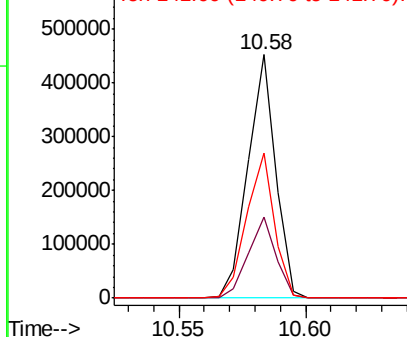


#60
4-Chlorophenyl-phenylether
Concen: 41.788 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF108525.D
Acq: 27 Aug 2018 22:46

Tgt Ion:204 Resp: 345044
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 59.3 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

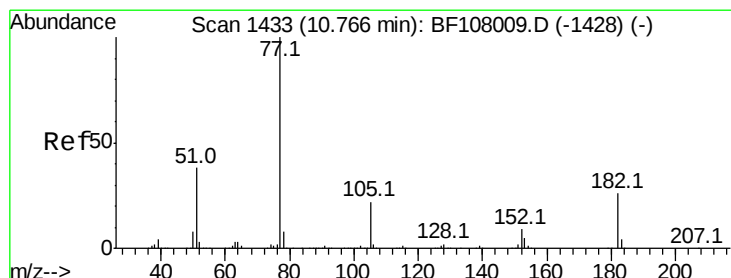
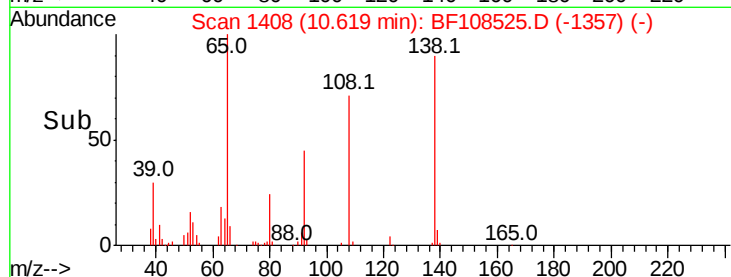
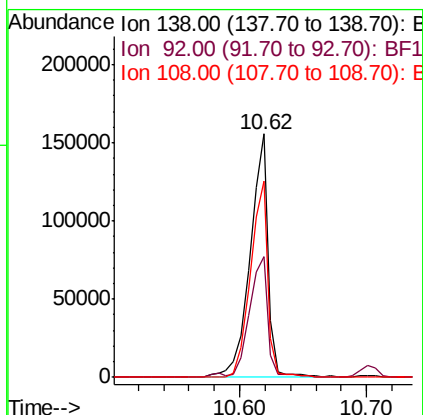
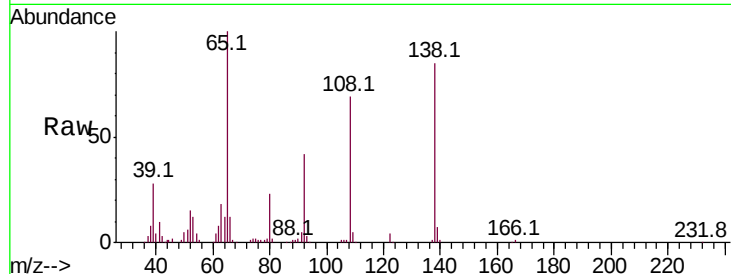




#61
4-Nitroaniline
Concen: 40.261 ng
RT: 10.62 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF108525.D
Acq: 27 Aug 2018 22:46

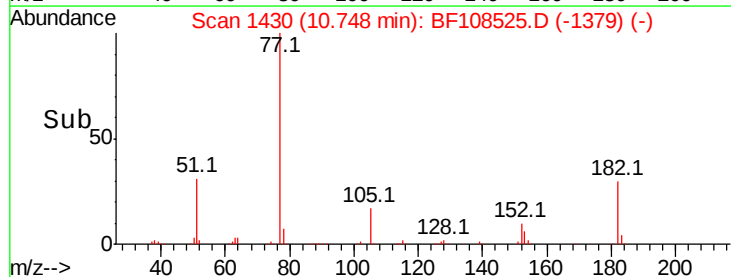
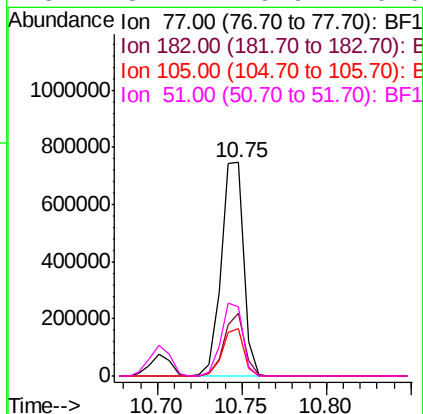
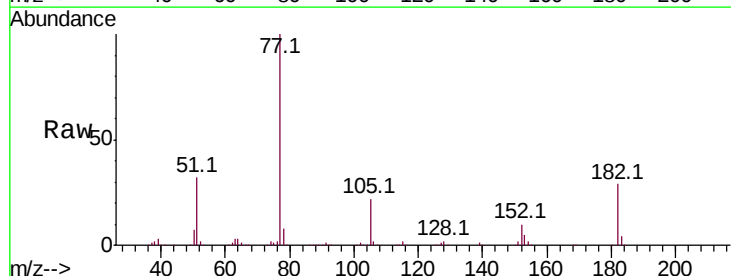
Instrument :
BNA_F
ClientSampleId :

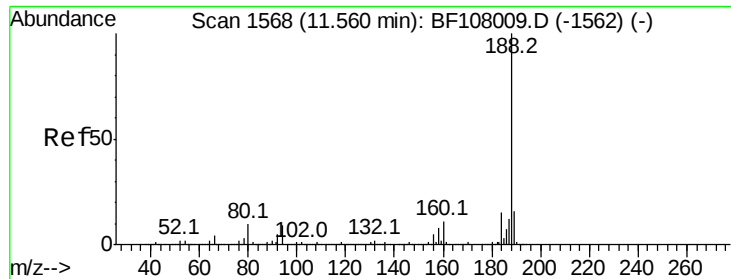
Tot Ion:138 Resp: 155421
Ion Ratio Lower Upper
138 100
92 49.8 30.2 70.2
108 80.6 52.5 92.5



#62
Azobenzene
Concen: 40.332 ng
RT: 10.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF108525.D
Acq: 27 Aug 2018 22:46

Tgt Ion: 77 Resp: 687954
Ion Ratio Lower Upper
77 100
182 29.2 1.7 41.7
105 21.9 3.0 43.0
51 32.1 9.9 49.9

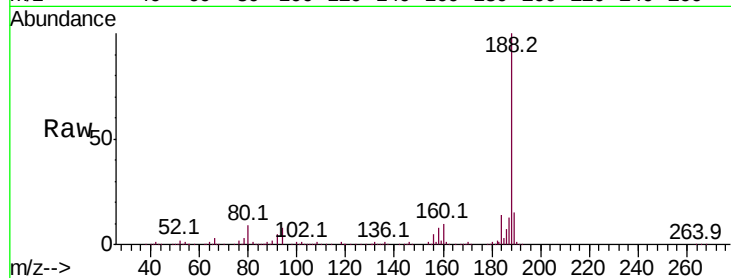




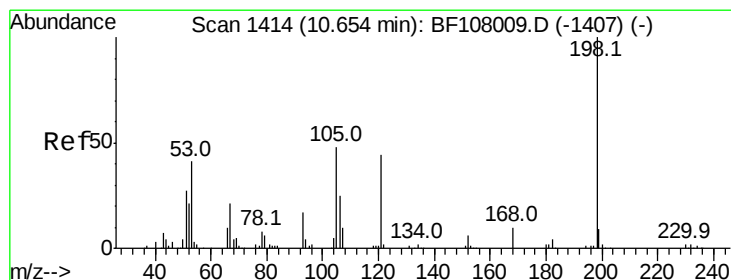
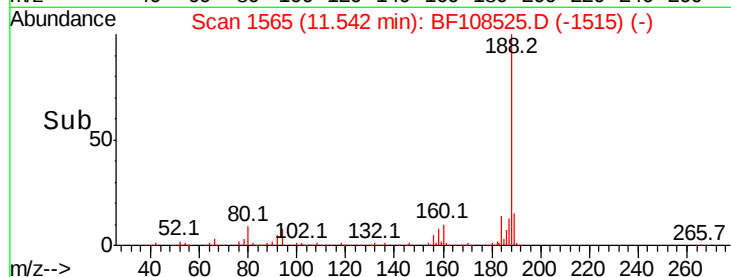
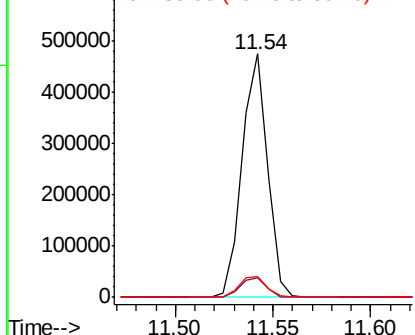
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108525.D
Acq: 27 Aug 2018 22:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 428047
Ion Ratio Lower Upper
188 100
94 8.2 8.5 12.7#
80 8.8 9.2 13.8#

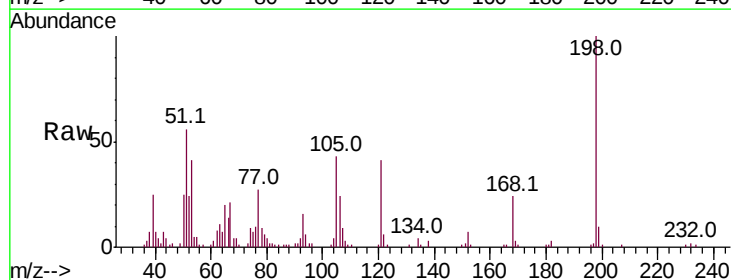


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

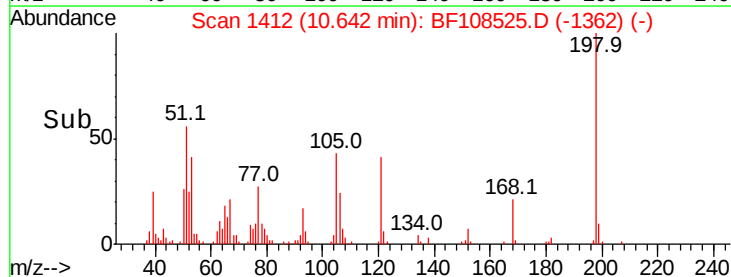
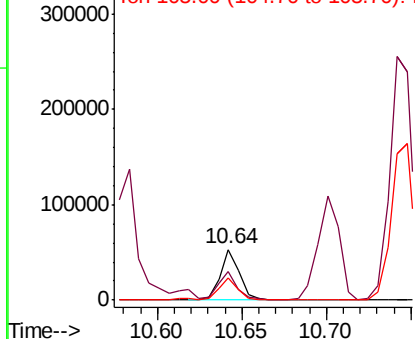


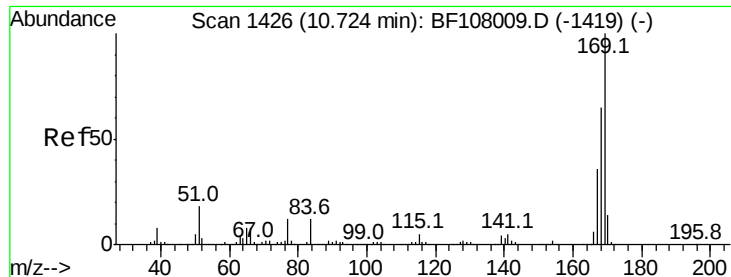
#64
4,6-Dinitro-2-methylphenol
Concen: 28.980 ng
RT: 10.64 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF108525.D
Acq: 27 Aug 2018 22:46

Tgt Ion:198 Resp: 42731
Ion Ratio Lower Upper
198 100
51 55.8 37.7 77.7
105 42.8 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

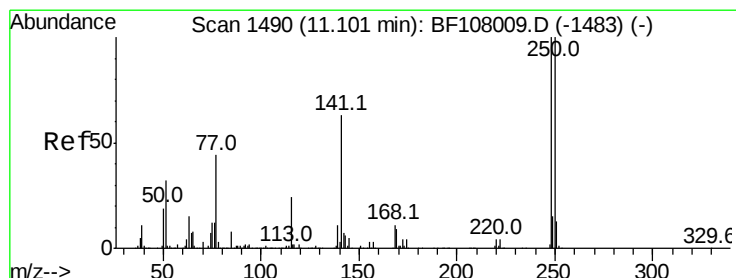
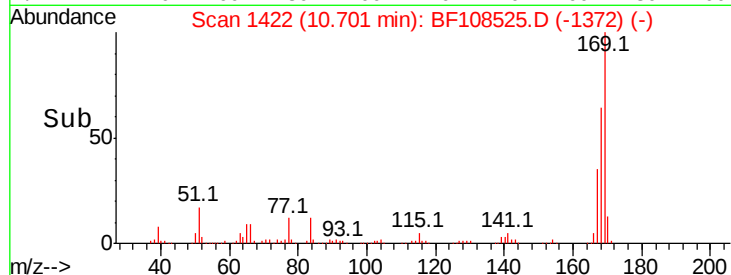
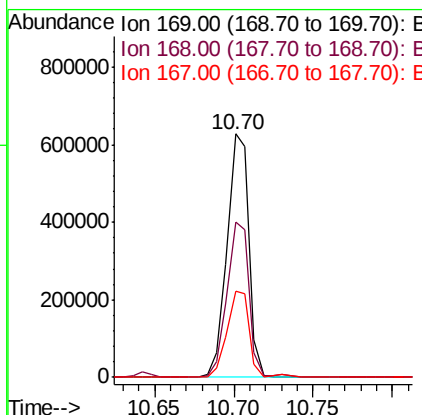
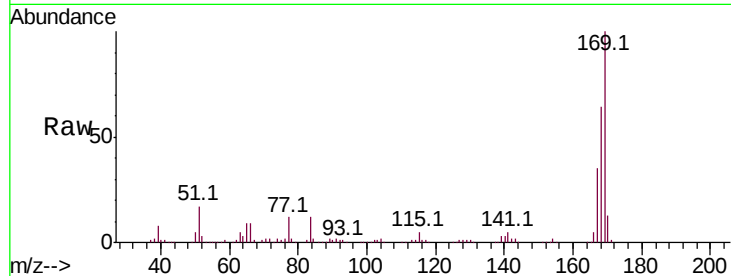




#65
 n-Nitrosodiphenylamine
 Concen: 47.192 ng
 RT: 10.70 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF108525.D
 Acq: 27 Aug 2018 22:46

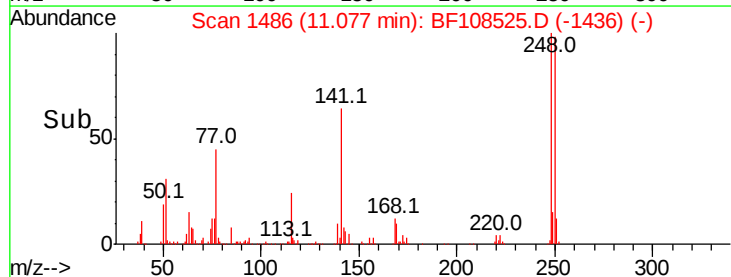
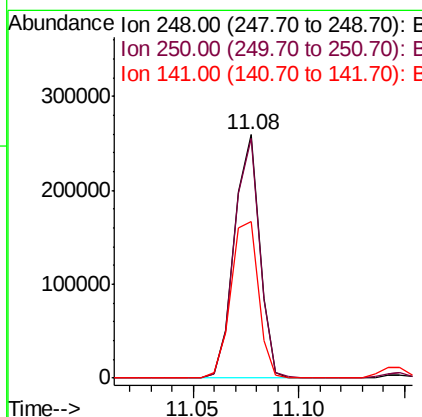
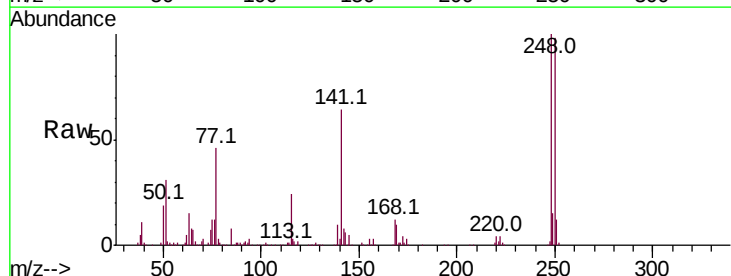
Instrument :
 BNA_F
 ClientSampleId :

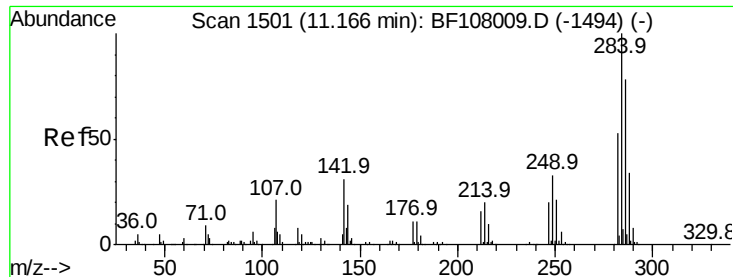
Tot Ion	Ratio	Lower	Upper
169	100		
168	63.9	54.4	81.6
167	35.3	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 45.929 ng
 RT: 11.08 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BF108525.D
 Acq: 27 Aug 2018 22:46

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.5	76.9	115.3
141	64.5	74.4	111.6

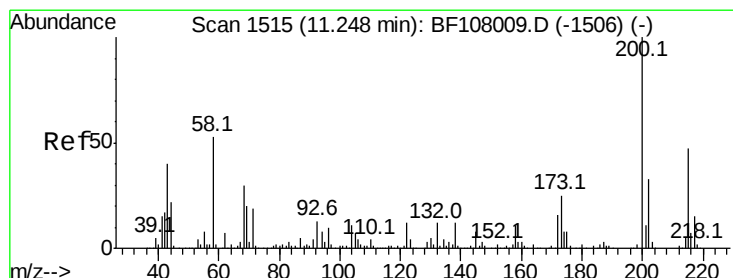
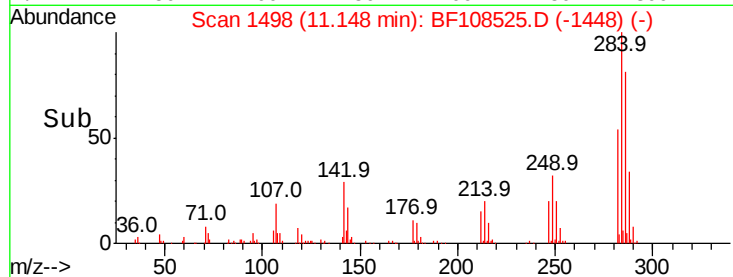
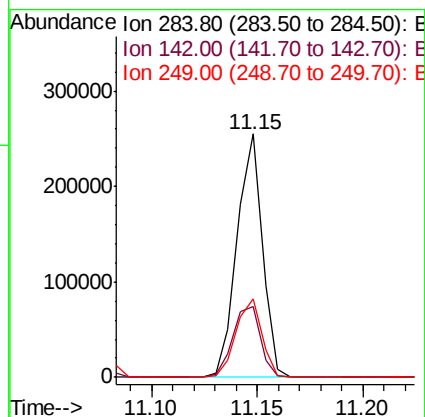
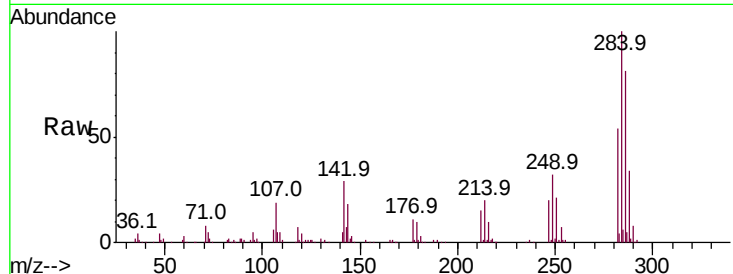




#67
Hexachlorobenzene
Concen: 43.056 ng
RT: 11.15 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF108525.D
Acq: 27 Aug 2018 22:46

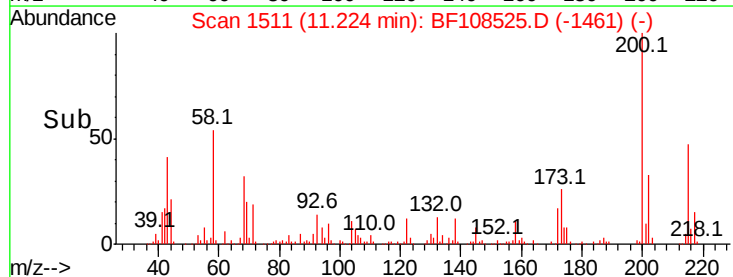
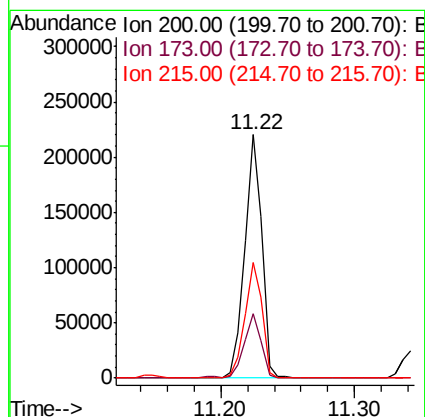
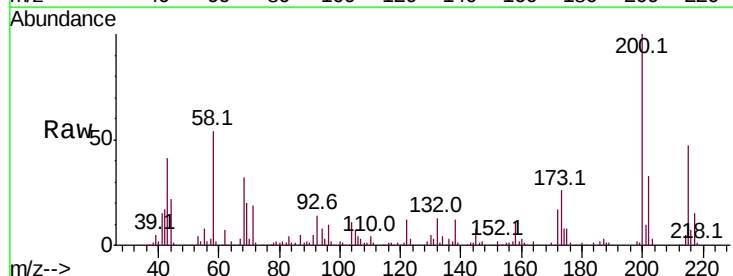
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	29.1	34.6	52.0#
249	32.5	24.8	37.2



#68
Atrazine
Concen: 46.055 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF108525.D
Acq: 27 Aug 2018 22:46

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.2	8.6	48.6
215	47.4	25.1	65.1

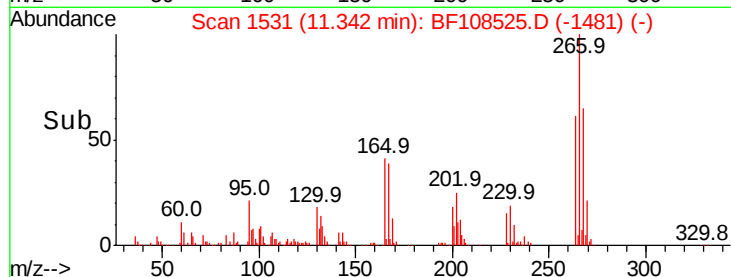
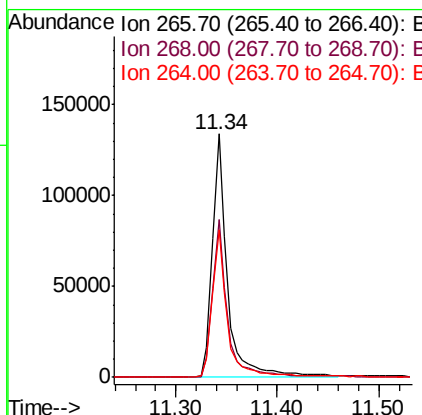
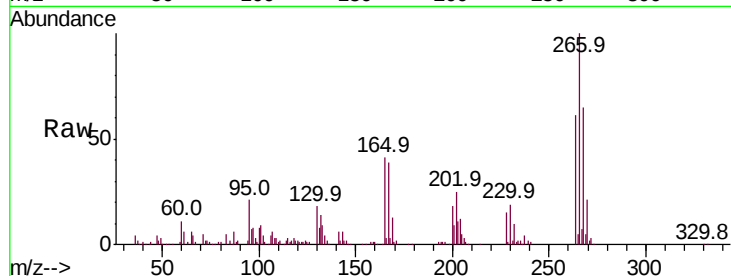




#69
 Pentachlorophenol
 Concen: 60.208 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108525.D
 Acq: 27 Aug 2018 22:46

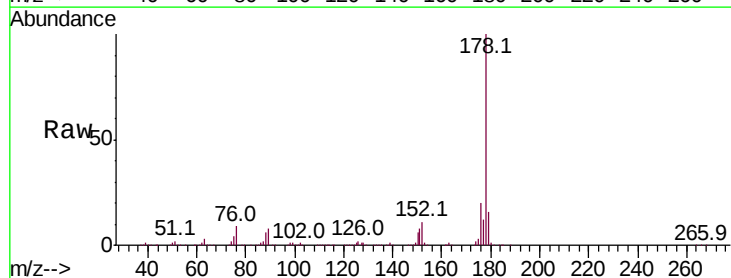
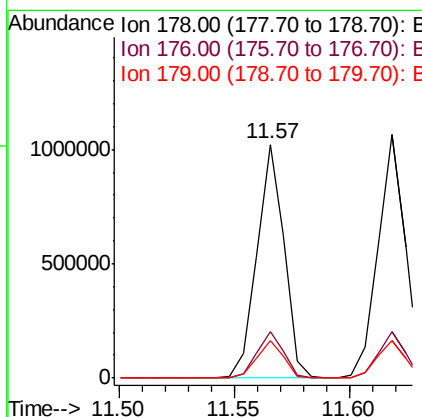
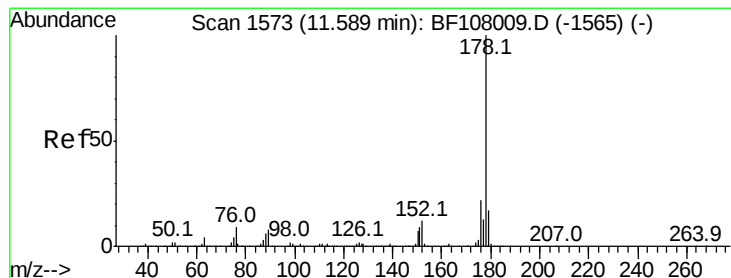
Instrument :
 BNA_F
 ClientSampleId :

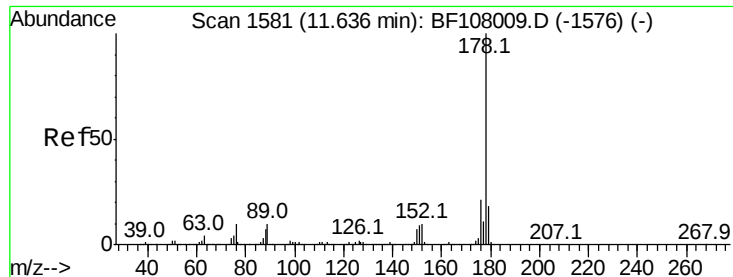
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.0	51.1	76.7
264	60.8	49.5	74.3



#70
 Phenanthrene
 Concen: 41.483 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108525.D
 Acq: 27 Aug 2018 22:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	16.2	13.0	19.6

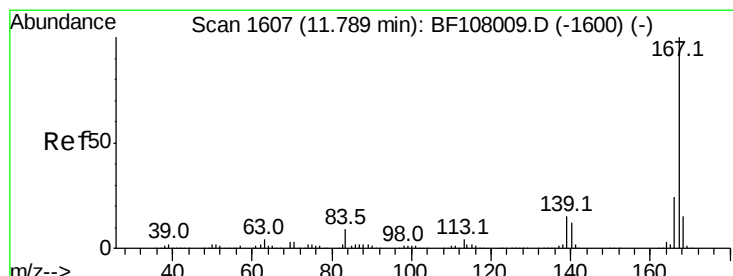
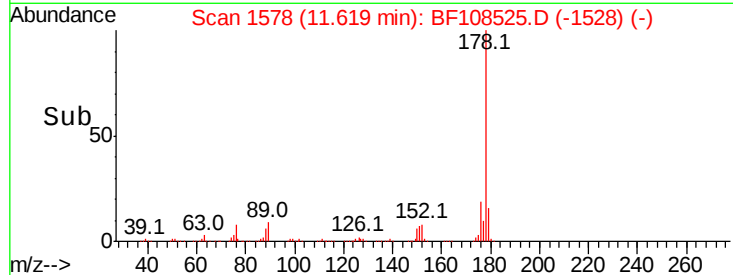
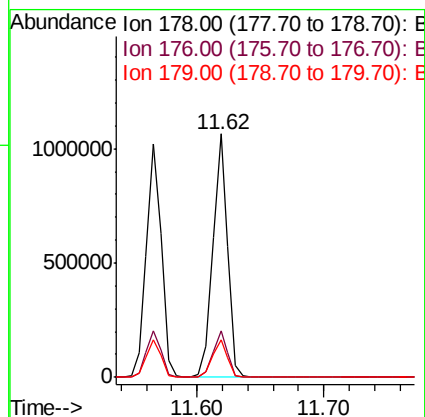
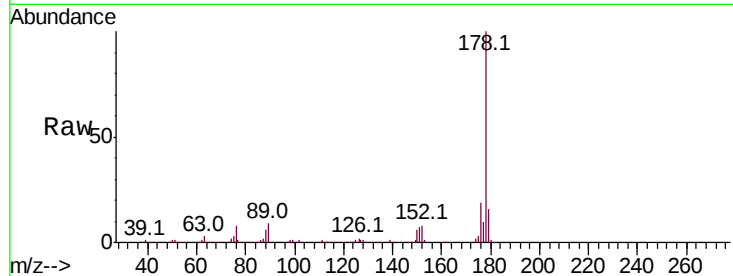




#71
 Anthracene
 Concen: 42.053 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108525.D
 Acq: 27 Aug 2018 22:46

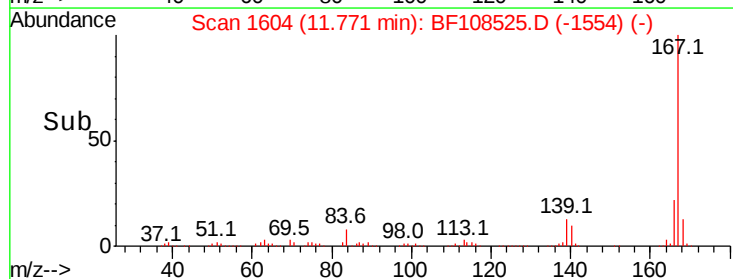
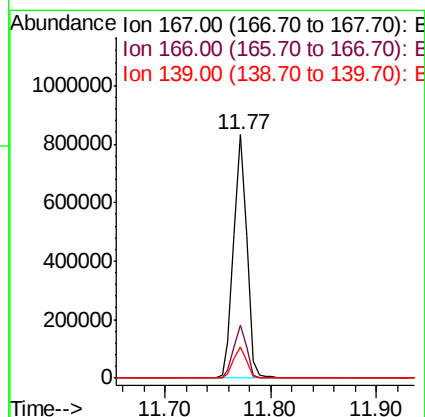
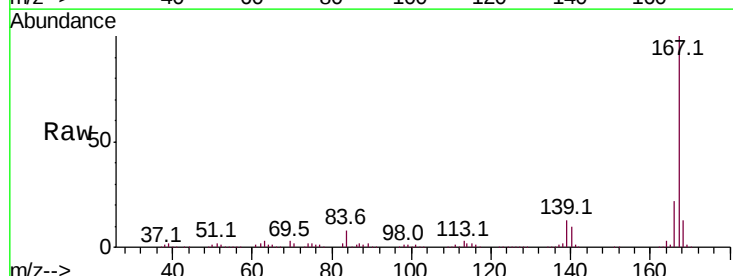
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 870201
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 39.133 ng
 RT: 11.77 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF108525.D
 Acq: 27 Aug 2018 22:46

Tgt Ion:167 Resp: 719452
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 48.563 ng

RT: 12.08 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF108525.D

Acq: 27 Aug 2018 22:46

Instrument :

BNA_F

ClientSampleId :

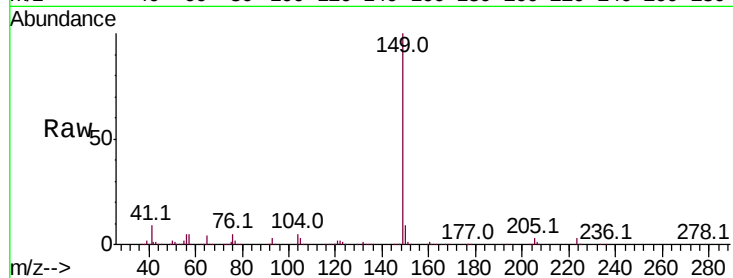
Tot Ion:149 Resp: 1011294

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

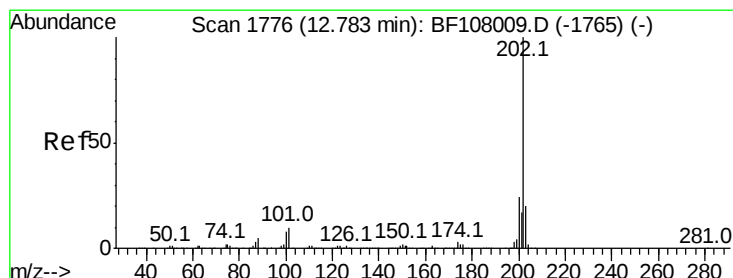
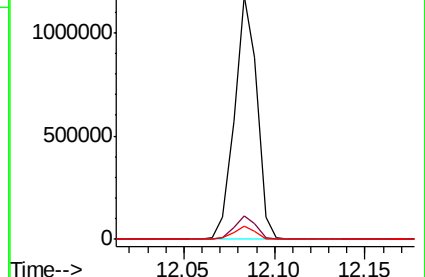
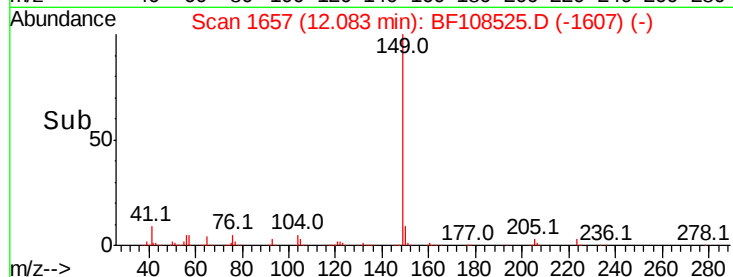
104 5.3 3.8 5.8



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: 35.694 ng

RT: 12.76 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF108525.D

Acq: 27 Aug 2018 22:46

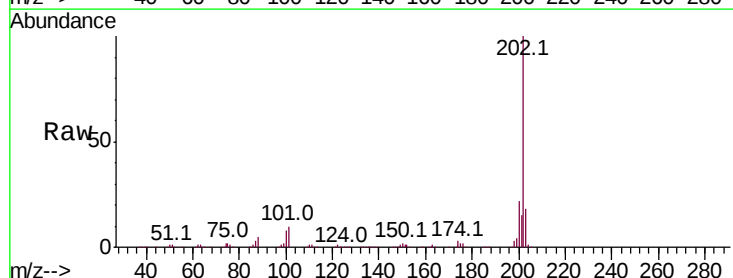
Tgt Ion:202 Resp: 786500

Ion Ratio Lower Upper

202 100

101 10.1 0.0 34.1

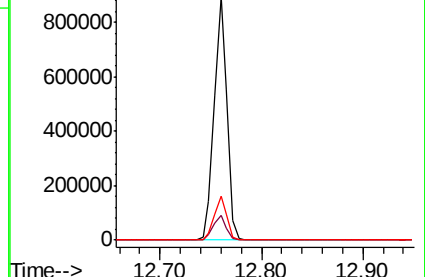
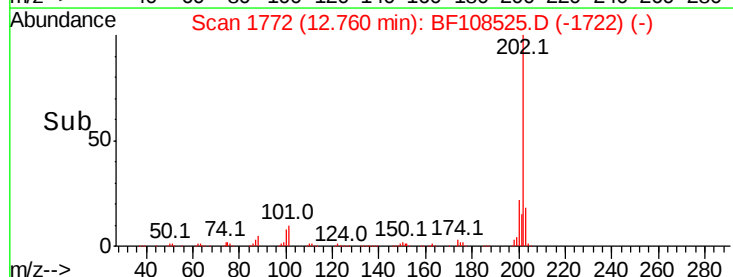
203 18.1 0.0 38.1

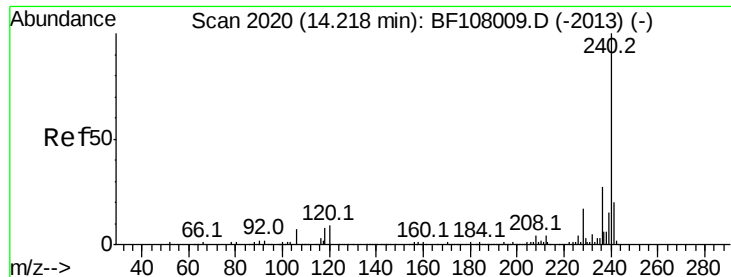


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF108525.D

Acq: 27 Aug 2018 22:46

Instrument :

BNA_F

ClientSampleId :

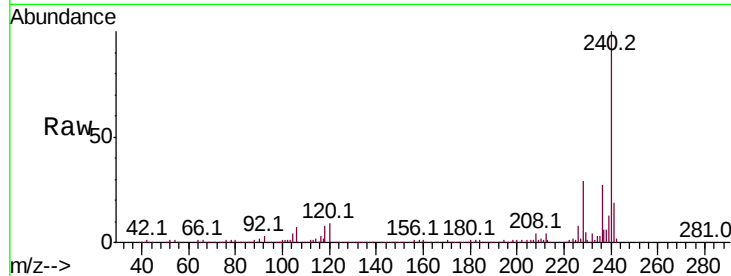
Tot Ion:240 Resp: 318562

Ion Ratio Lower Upper

240 100

120 9.3 9.5 14.3#

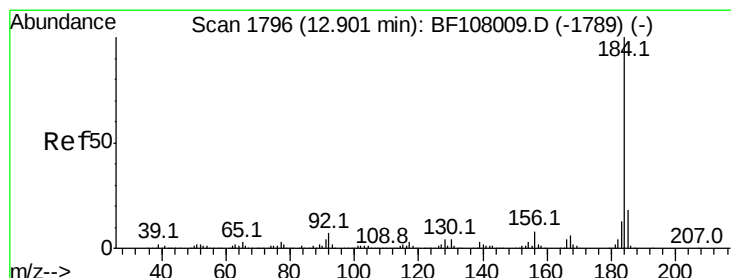
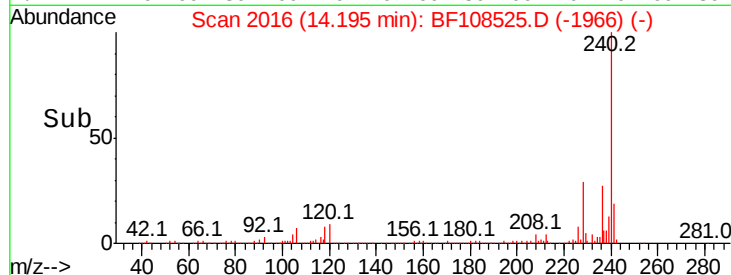
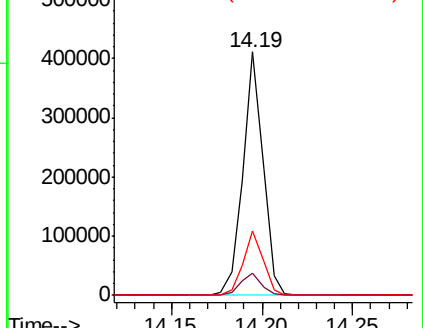
236 26.6 20.7 31.1



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: 37.347 ng

RT: 12.88 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF108525.D

Acq: 27 Aug 2018 22:46

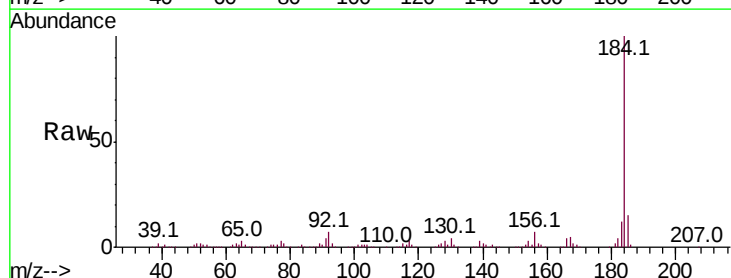
Tgt Ion:184 Resp: 444518

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

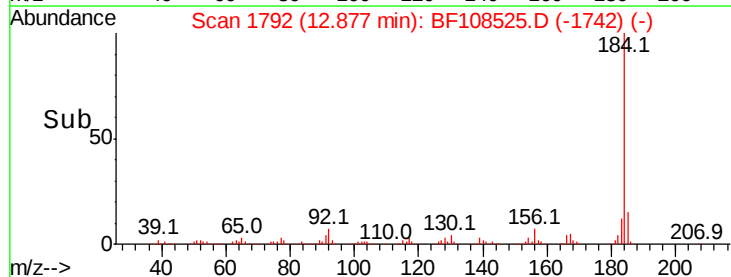
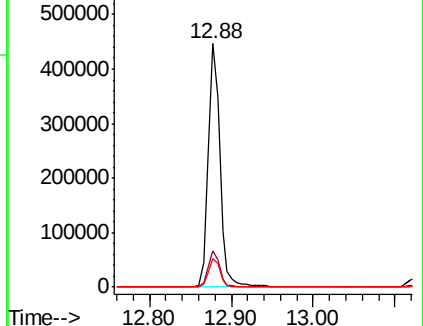
183 11.7 9.3 13.9



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: 38.411 ng

RT: 12.99 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF108525.D

Acq: 27 Aug 2018 22:46

Instrument :

BNA_F

ClientSampleId :

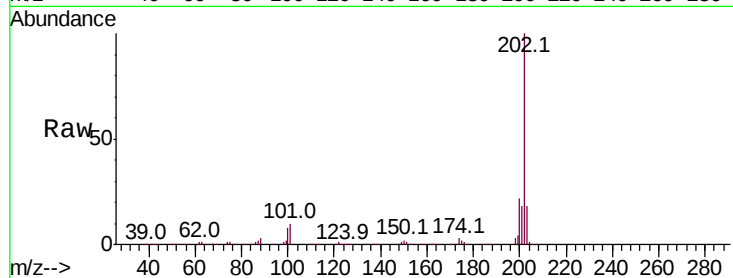
Tot Ion:202 Resp: 774692

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

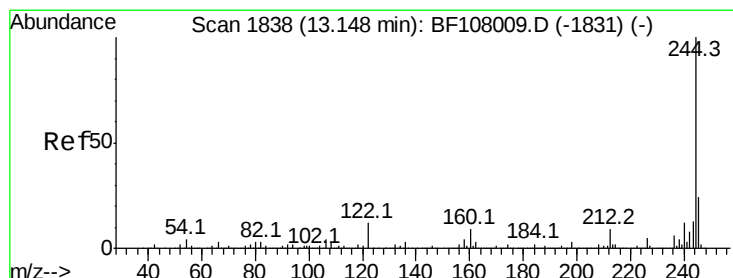
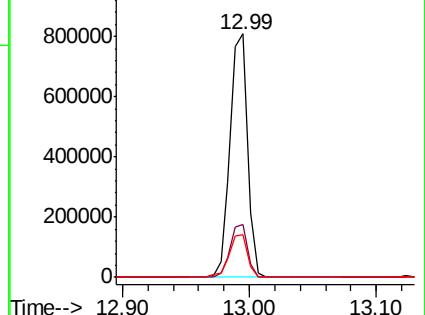
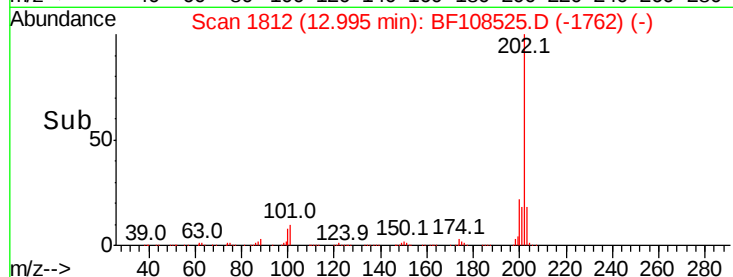
203 17.5 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 82.296 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108525.D

Acq: 27 Aug 2018 22:46

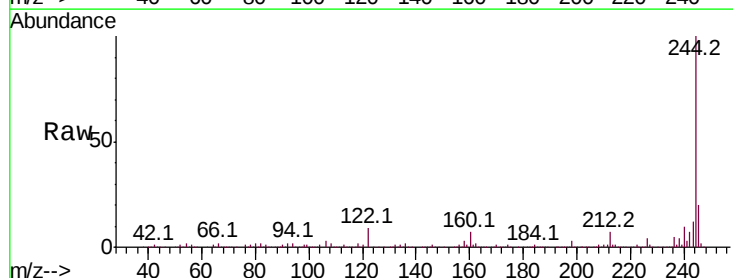
Tgt Ion:244 Resp: 1031101

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

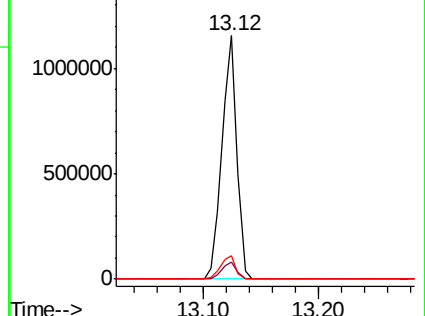
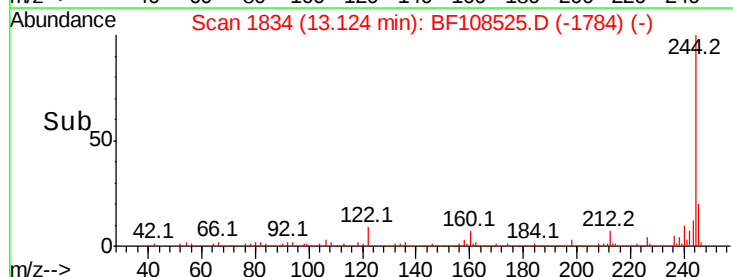
122 9.5 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

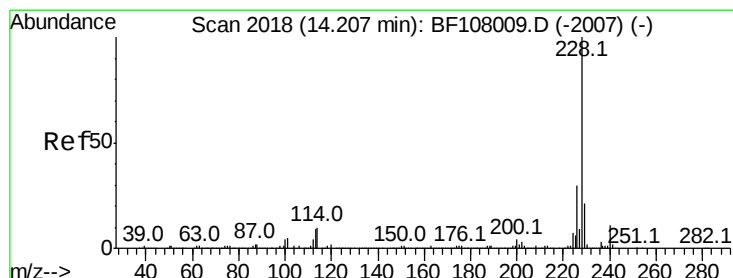
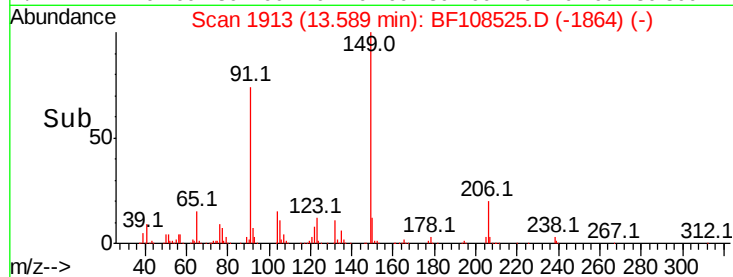
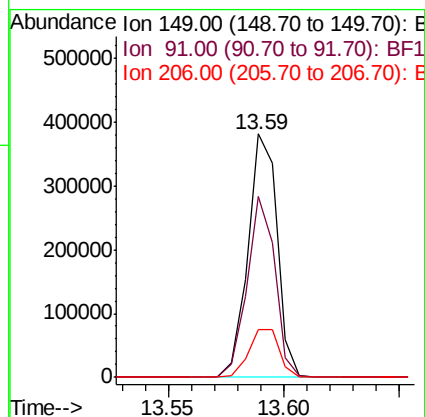
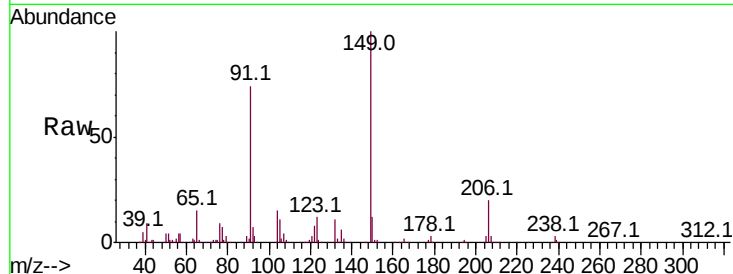




#79
Butylbenzylphthalate
Concen: 42.212 ng
RT: 13.59 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF108525.D
Acq: 27 Aug 2018 22:46

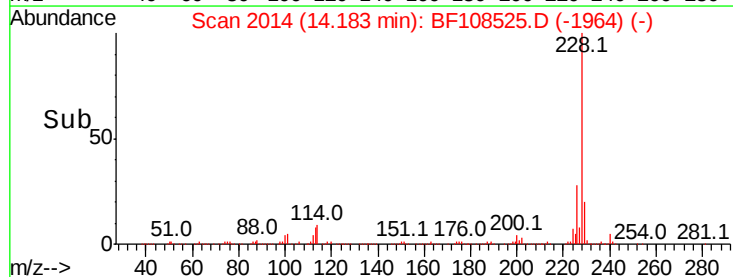
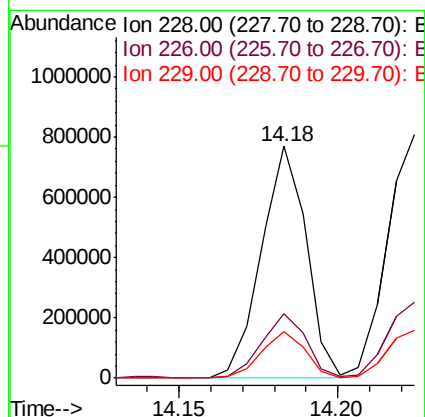
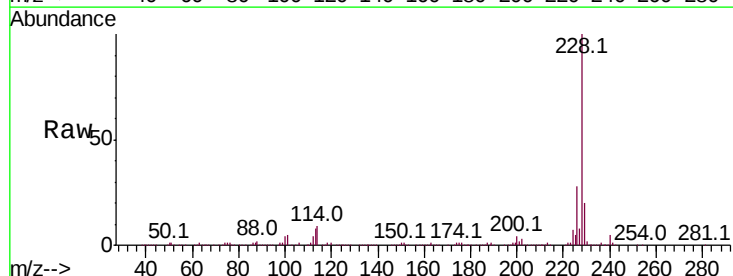
Instrument :
BNA_F
ClientSampled :

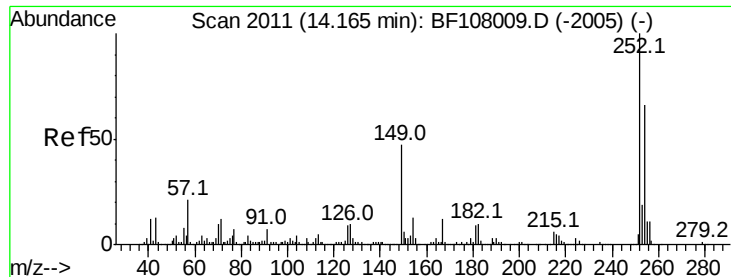
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.1	56.8	85.2
206	19.6	14.1	21.1



#80
Benzo(a)anthracene
Concen: 41.502 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF108525.D
Acq: 27 Aug 2018 22:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.9	15.8	23.6

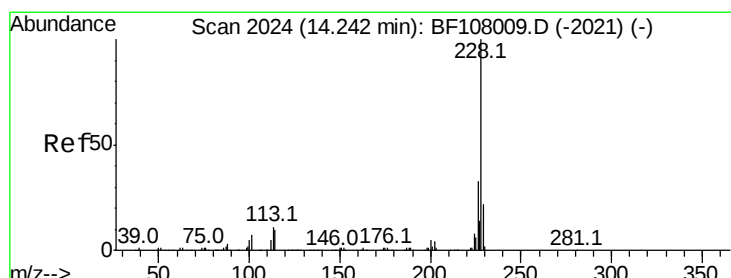
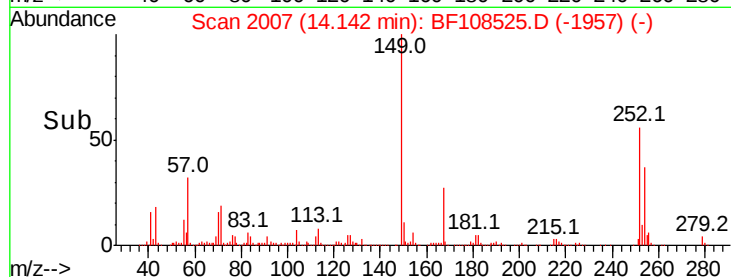
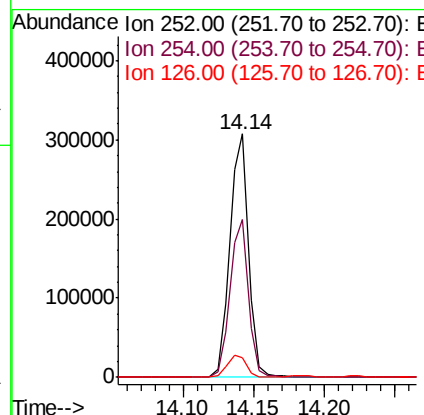
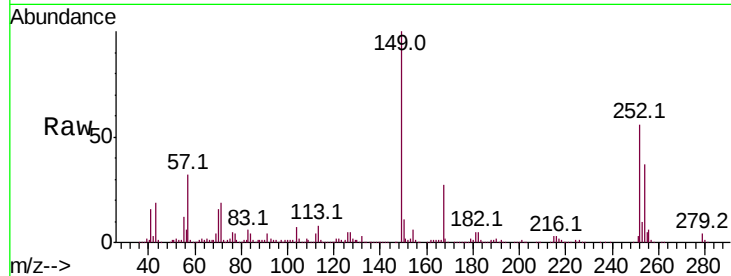




#81
 3,3'-Dichlorobenzidine
 Concen: 43.013 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108525.D
 Acq: 27 Aug 2018 22:46

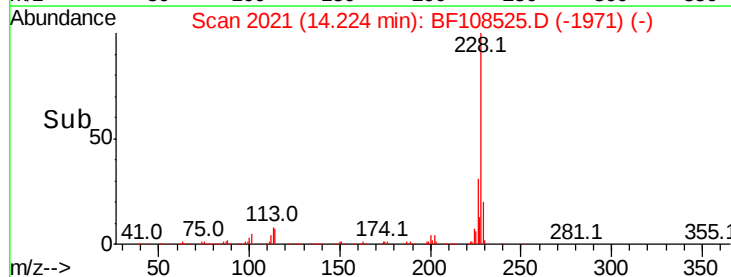
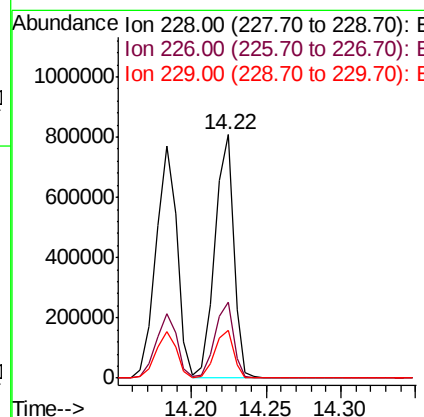
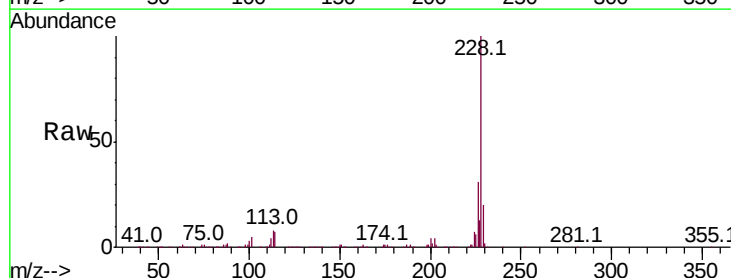
Instrument :
 BNA_F
 ClientSampleId :

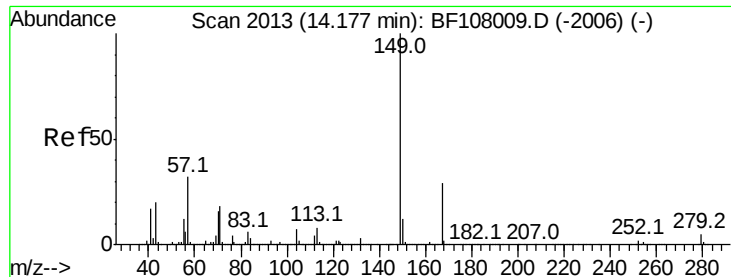
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.4	75.6
126	8.3	11.3	16.9



#82
 Chrysene
 Concen: 42.077 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108525.D
 Acq: 27 Aug 2018 22:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	19.7	16.2	24.4

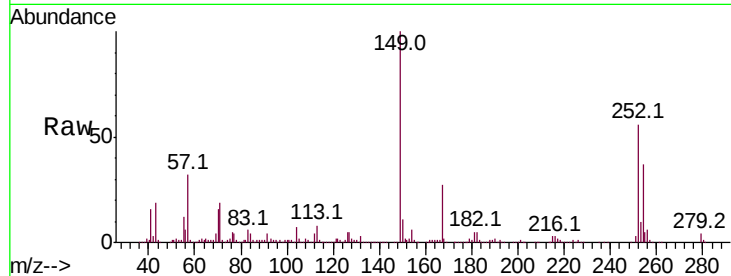




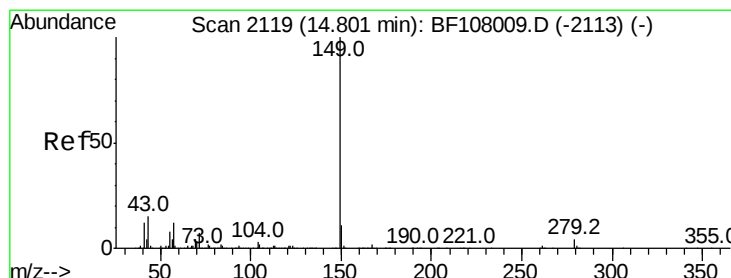
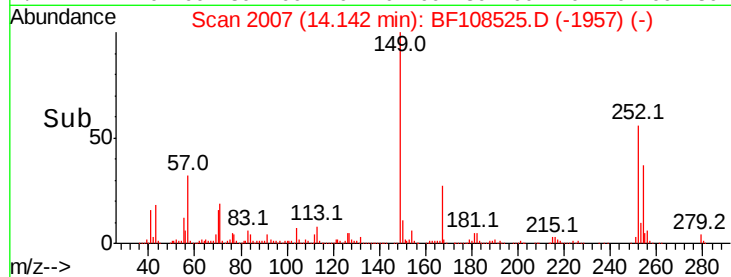
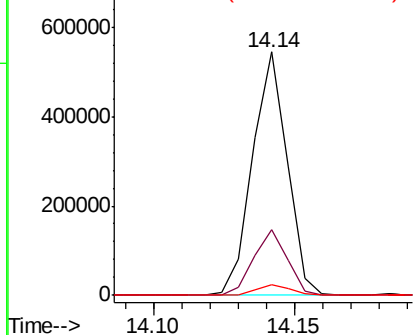
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.710 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108525.D
 Acq: 27 Aug 2018 22:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	4.2	3.0	4.4

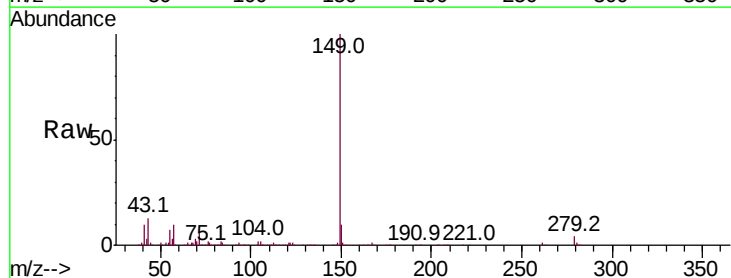


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

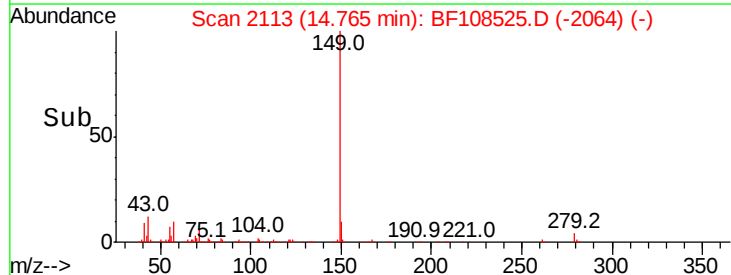
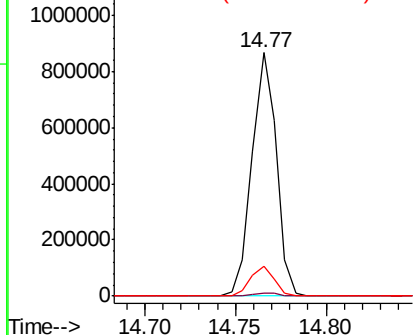


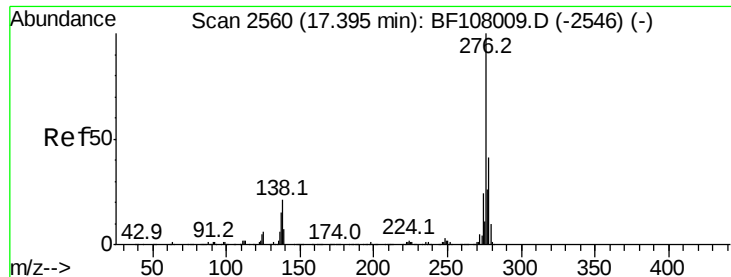
#84
 Di-n-octyl phthalate
 Concen: 49.161 ng
 RT: 14.77 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BF108525.D
 Acq: 27 Aug 2018 22:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.9	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: 39.630 ng

RT: 17.37 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BF108525.D

Acq: 27 Aug 2018 22:46

Instrument :

BNA_F

ClientSampleId :

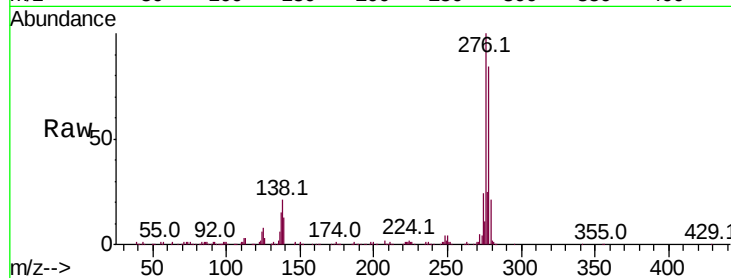
Tot Ion:276 Resp: 575533

Ion Ratio Lower Upper

276 100

138 20.9 25.0 37.6#

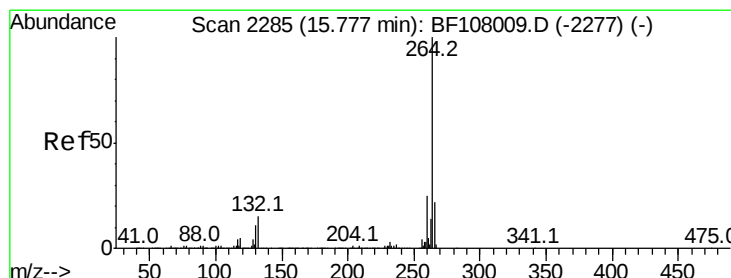
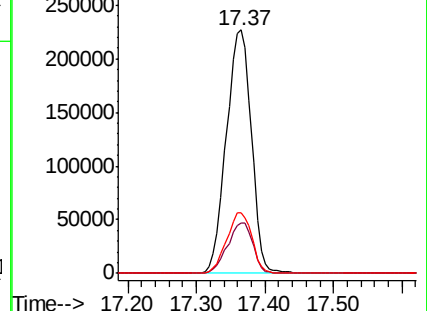
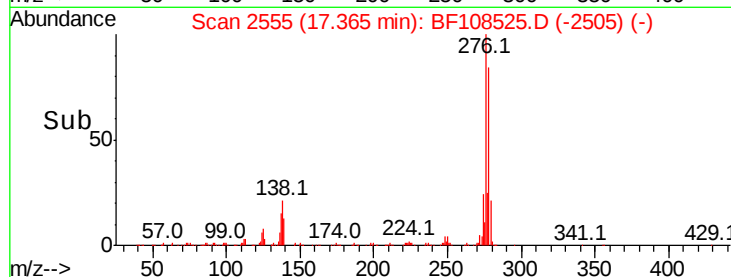
277 25.2 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF108525.D

Acq: 27 Aug 2018 22:46

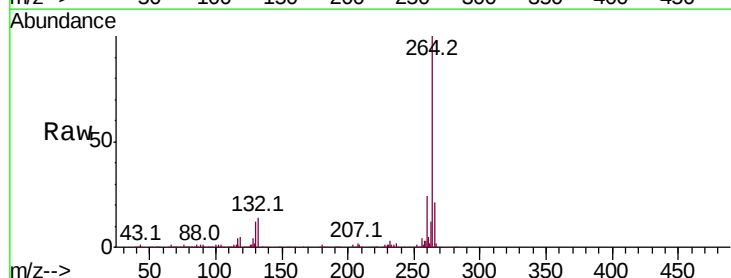
Tgt Ion:264 Resp: 307663

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

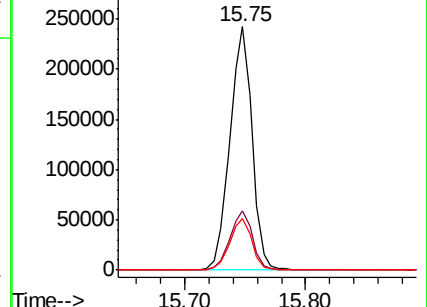
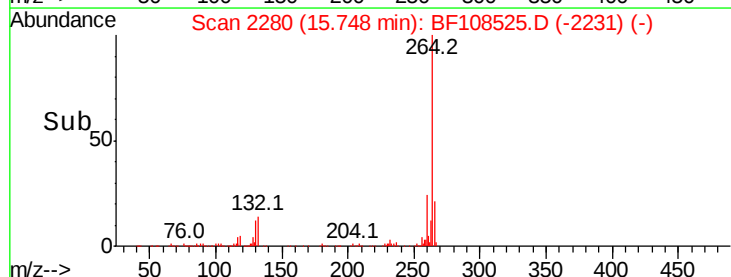
265 21.4 17.5 26.3

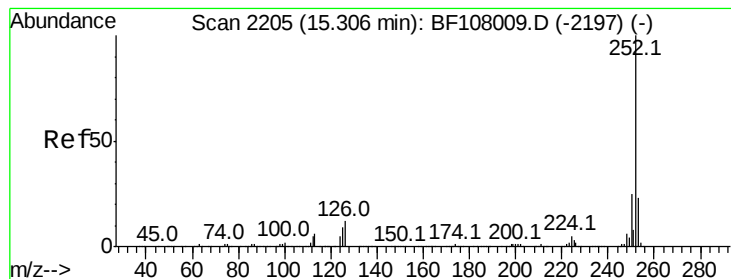


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.645 ng

RT: 15.31 min Scan# 2206

Delta R.T. 0.02 min

Lab File: BF108525.D

Acq: 27 Aug 2018 22:46

Instrument :

BNA_F

ClientSampleId :

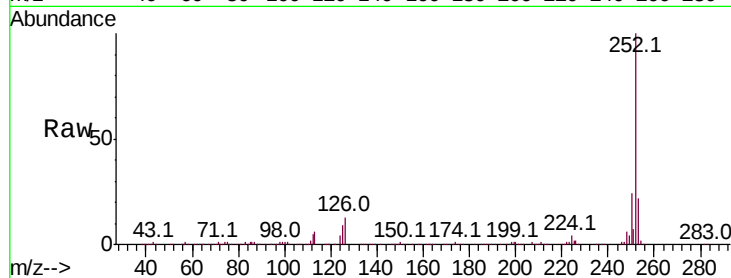
Tot Ion:252 Resp: 728832

Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.6

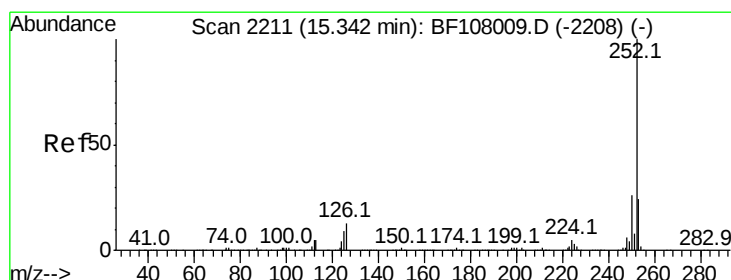
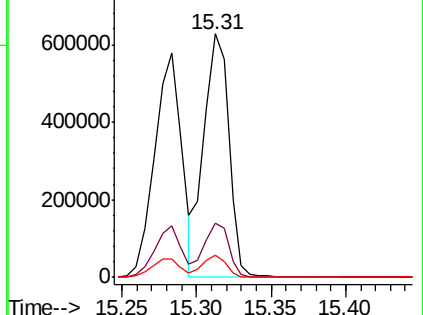
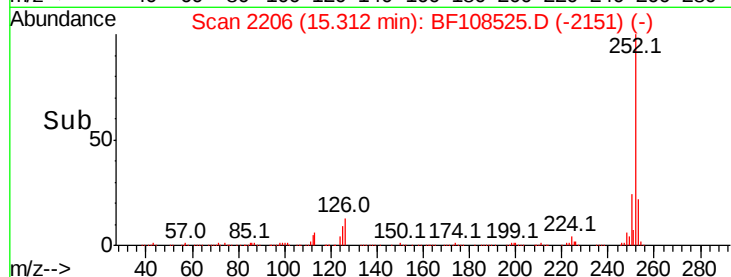
125 9.1 9.0 13.6



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



#88

Benzo(k)fluoranthene

Concen: 43.127 ng

RT: 15.31 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BF108525.D

Acq: 27 Aug 2018 22:46

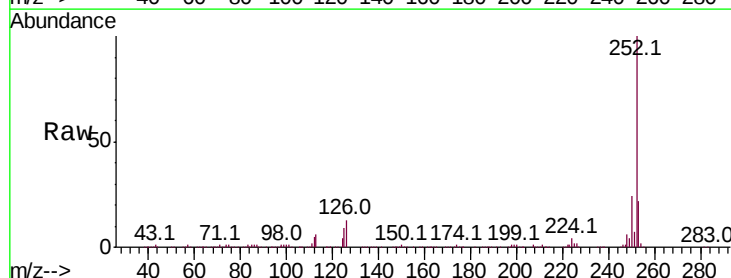
Tgt Ion:252 Resp: 728832

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

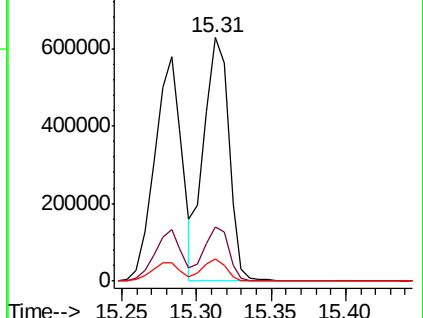
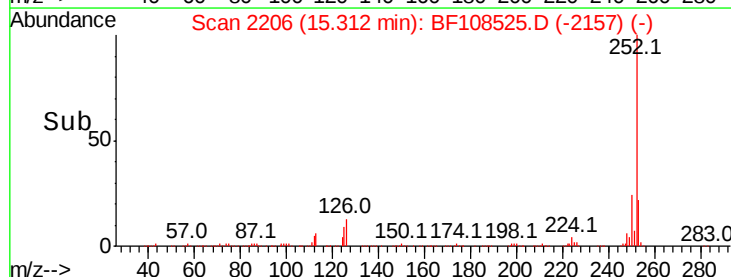
125 9.1 10.2 15.2#

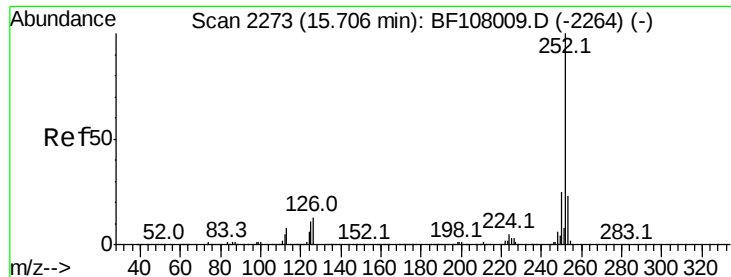


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

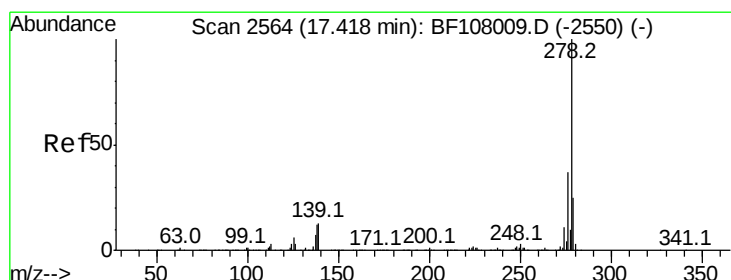
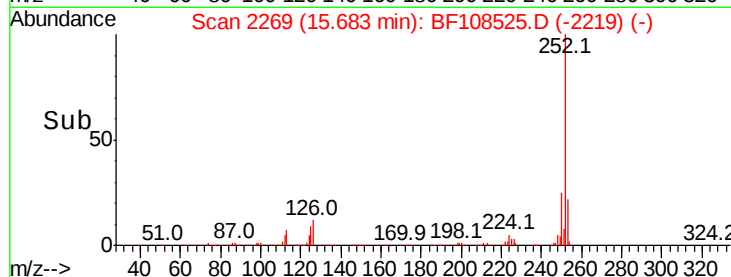
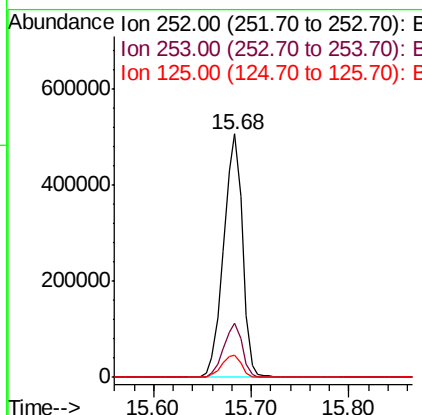
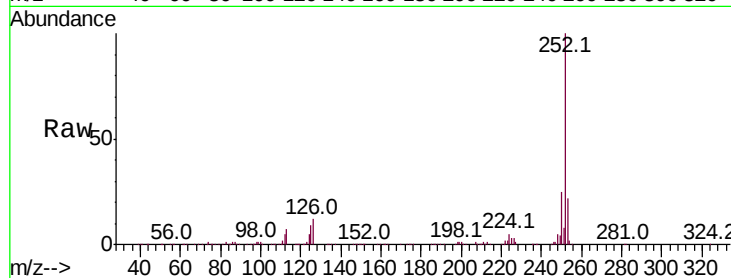




#89
Benzo(a)pyrene
Concen: 41.257 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF108525.D
Acq: 27 Aug 2018 22:46

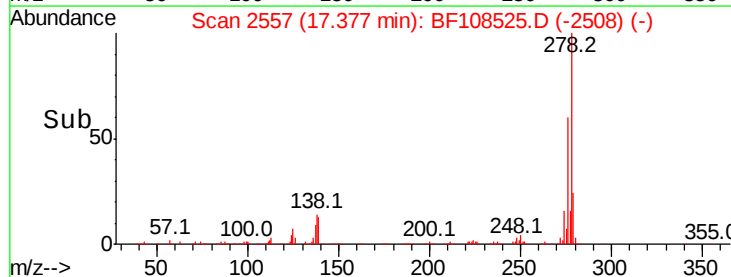
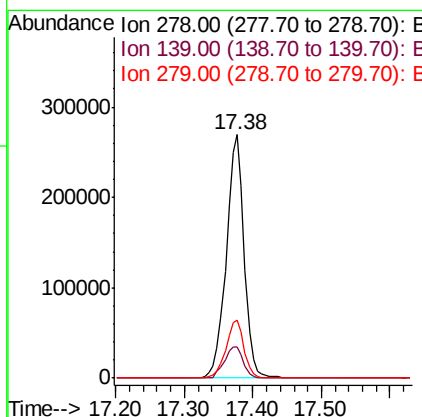
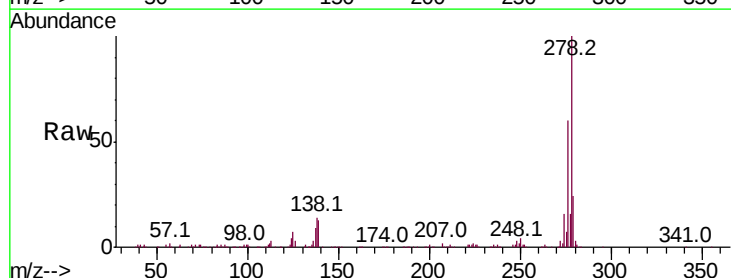
Instrument :
BNA_F
ClientSampleId :

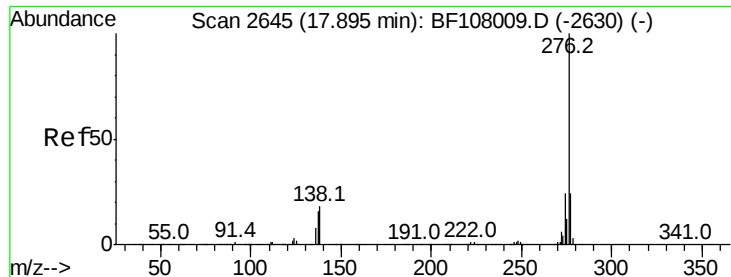
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	9.2	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 35.791 ng
RT: 17.38 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF108525.D
Acq: 27 Aug 2018 22:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.9	15.9	23.9
279	24.0	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 33.506 ng

RT: 17.85 min Scan# 2638

Delta R.T. -0.01 min

Lab File: BF108525.D

Acq: 27 Aug 2018 22:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 449400

Ion Ratio Lower Upper

276 100

277 24.4 17.9 26.9

138 18.5 21.8 32.8#

