

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
 Data File : BF108928.D
 Acq On : 11 Sep 2018 12:02
 Operator : JU/SJ
 Sample : PB112707BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 12:26:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	174465	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	711970	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	340775	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	655230	20.00	ng	0.00
75) Chrysene-d12	13.88	240	422942	20.00	ng	0.01
86) Perylene-d12	15.28	264	362976	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1074353	102.02	ng	0.02
7) Phenol-d6	6.38	99	1378215	101.71	ng	0.01
23) Nitrobenzene-d5	7.30	82	869129	76.39	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	369278	113.51	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1569816	78.59	ng	0.00
78) Terphenyl-d14	12.83	244	1535804	84.68	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.51	88	195674	38.662	ng	93
3) Pyridine	3.22	79	550960	39.750	ng	92
4) n-Nitrosodimethylamine	3.15	42	229149	43.044	ng	94
6) Aniline	6.40	93	556847	30.555	ng	99
8) 2-Chlorophenol	6.52	128	483994	41.521	ng	98
9) Benzaldehyde	6.28	77	260183	27.067	ng	99
10) Phenol	6.39	94	591173	38.092	ng	83
11) bis(2-Chloroethyl)ether	6.48	93	476988	38.366	ng	97
12) 1,3-Dichlorobenzene	6.68	146	525200	39.483	ng	99
13) 1,4-Dichlorobenzene	6.76	146	526579	39.585	ng	97
14) 1,2-Dichlorobenzene	6.91	146	494315	40.315	ng	97
15) Benzyl Alcohol	6.88	79	422469	40.627	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	715600	38.506	ng	96
17) 2-Methylphenol	7.00	107	401028	40.710	ng	98
18) Hexachloroethane	7.25	117	195967	40.856	ng	98
19) n-Nitroso-di-n-propylamine	7.16	70	339644	36.061	ng	97
20) 3+4-Methylphenols	7.15	107	460341	39.892	ng	# 71
22) Acetophenone	7.15	105	647494	40.072	ng	# 91
24) Nitrobenzene	7.32	77	516247	42.291	ng	98
25) Isophorone	7.56	82	962799	42.427	ng	97
26) 2-Nitrophenol	7.64	139	241251	50.165	ng	97
27) 2,4-Dimethylphenol	7.68	122	435921	44.637	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	609954	40.202	ng	99
29) 2,4-Dichlorophenol	7.88	162	410497	40.764	ng	96
30) 1,2,4-Trichlorobenzene	7.97	180	422880	38.749	ng	98
31) Naphthalene	8.04	128	1371826	42.827	ng	99
32) Benzoic acid	7.81	122	283304	44.890	ng	98
33) 4-Chloroaniline	8.09	127	371982	25.285	ng	99
34) Hexachlorobutadiene	8.17	225	251903	38.638	ng	98
35) Caprolactam	8.46	113	80617	23.626	ng	88
36) 4-Chloro-3-methylphenol	8.58	107	425911	39.703	ng	99
37) 2-Methylnaphthalene	8.74	142	917568	43.360	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	392910	38.571	ng	99
40) Hexachlorocyclopentadiene	8.90	237	515157	100.524	ng	99

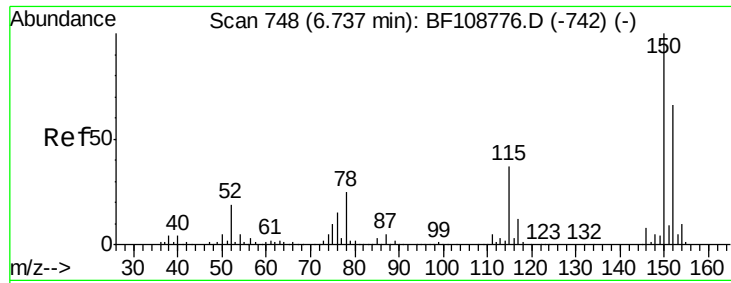
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
 Data File : BF108928.D
 Acq On : 11 Sep 2018 12:02
 Operator : JU/SJ
 Sample : PB112707BS
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Instrument :
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Quant Time: Sep 11 12:26:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	290305	41.840	ng	99
43) 2,4,5-Trichlorophenol	9.05	196	312811	43.493	ng	# 94
45) 1,1'-Biphenyl	9.20	154	1083351	41.294	ng	98
46) 2-Chloronaphthalene	9.22	162	845553	39.852	ng	99
47) 2-Nitroaniline	9.31	65	268299	46.288	ng	97
48) Acenaphthylene	9.64	152	1362496	43.081	ng	99
49) Dimethylphthalate	9.50	163	972904	40.818	ng	# 99
50) 2,6-Dinitrotoluene	9.55	165	219032	48.227	ng	94
51) Acenaphthene	9.81	154	811190	41.448	ng	98
52) 3-Nitroaniline	9.72	138	182063	33.676	ng	96
53) 2,4-Dinitrophenol	9.83	184	182954	106.213	ng	# 20
54) Dibenzofuran	9.98	168	1160889	40.692	ng	97
55) 4-Nitrophenol	9.89	139	372074	92.059	ng	98
56) 2,4-Dinitrotoluene	9.96	165	292629	50.382	ng	# 98
57) Fluorene	10.32	166	853940	46.644	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	261318	45.055	ng	88
59) Diethylphthalate	10.20	149	968619	39.380	ng	96
60) 4-Chlorophenyl-phenylether	10.31	204	410040	41.937	ng	94
61) 4-Nitroaniline	10.34	138	237395	48.471	ng	96
62) Azobenzene	10.47	77	1013605	39.922	ng	97
64) 4,6-Dinitro-2-methylphenol	10.37	198	117445	45.926	ng	92
65) n-Nitrosodiphenylamine	10.43	169	834896	38.324	ng	96
66) 4-Bromophenyl-phenylether	10.80	248	287000	38.781	ng	# 88
67) Hexachlorobenzene	10.87	284	301142	38.119	ng	# 89
68) Atrazine	10.96	200	275090	39.445	ng	99
69) Pentachlorophenol	11.06	266	327627	67.833	ng	99
70) Phenanthrene	11.28	178	1315603	42.045	ng	99
71) Anthracene	11.33	178	1349453	45.044	ng	99
72) Carbazole	11.48	167	1213595	38.465	ng	99
73) Di-n-butylphthalate	11.82	149	1485650	42.403	ng	99
74) Fluoranthene	12.46	202	1361055	43.933	ng	98
76) Benzidine	12.58	184	642178	32.036	ng	98
77) Pyrene	12.68	202	1370387	42.108	ng	100
79) Butylbenzylphthalate	13.31	149	592828	40.450	ng	96
80) Benzo(a)anthracene	13.87	228	1049355	38.708	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	254750	24.120	ng	# 97
82) Chrysene	13.91	228	1044874	39.814	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	686395	37.268	ng	100
84) Di-n-octyl phthalate	14.48	149	1154134	37.587	ng	100
85) Indeno(1,2,3-cd)pyrene	16.65	276	861472	37.092	ng	95
87) Benzo(b)fluoranthene	14.89	252	913832	46.300	ng	98
88) Benzo(k)fluoranthene	14.91	252	788522	43.383	ng	98
89) Benzo(a)pyrene	15.23	252	795577	44.673	ng	98
90) Dibenzo(a,h)anthracene	16.67	278	704457	44.891	ng	97
91) Benzo(g,h,i)perylene	17.06	276	750350	47.756	ng	95

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

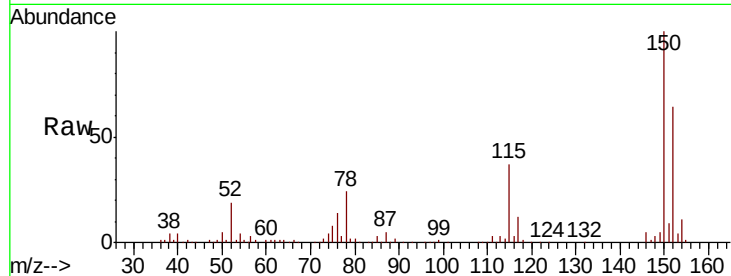


#1

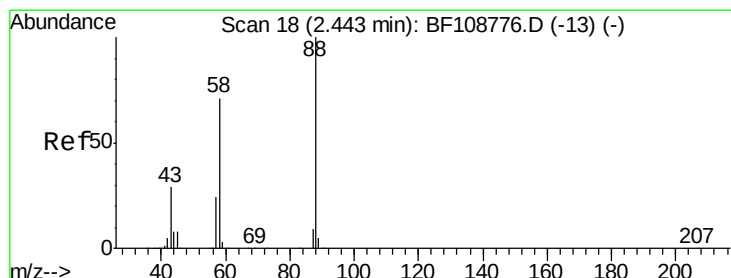
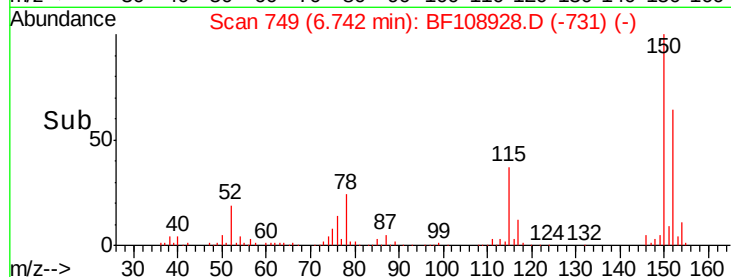
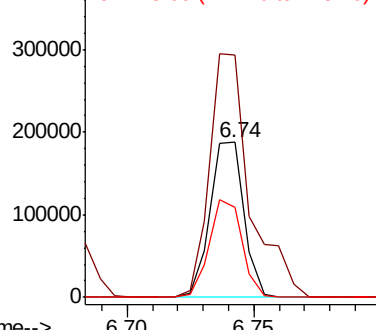
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 174465
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 58.0 50.1 75.1



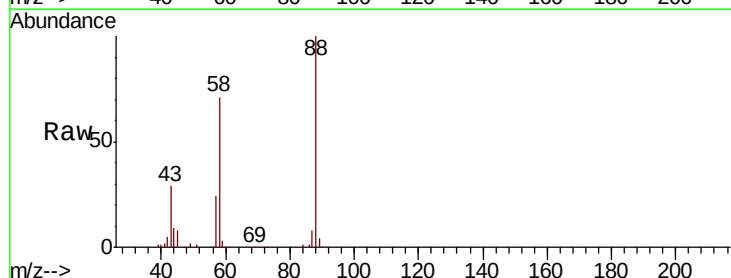
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



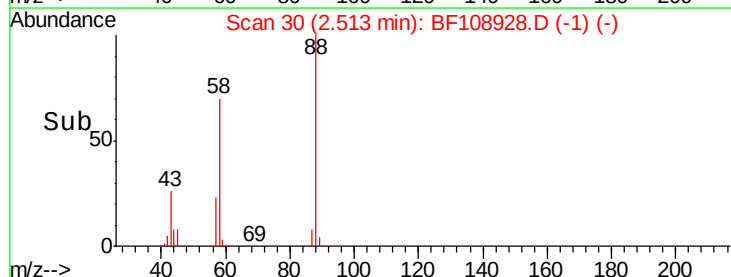
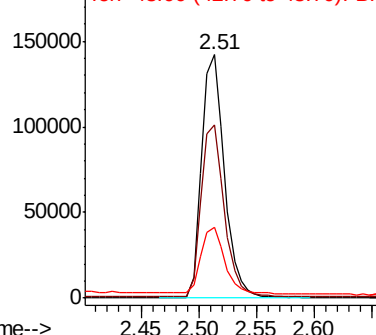
#2

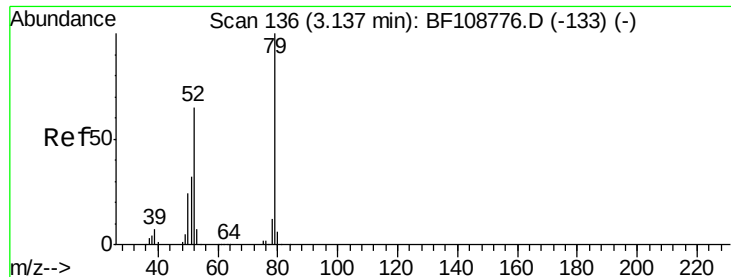
1,4-Dioxane
Concen: 38.662 ng
RT: 2.51 min Scan# 30
Delta R.T. 0.07 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion: 88 Resp: 195674
Ion Ratio Lower Upper
88 100
58 71.2 62.6 93.8
43 28.8 24.6 37.0



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

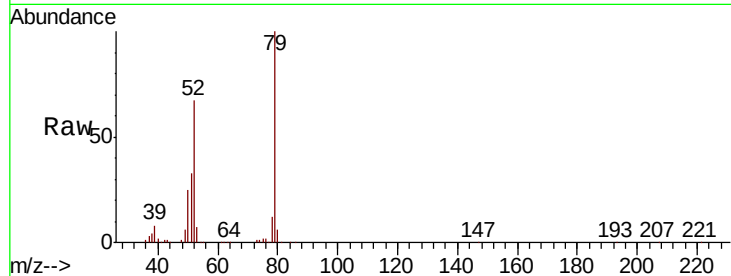




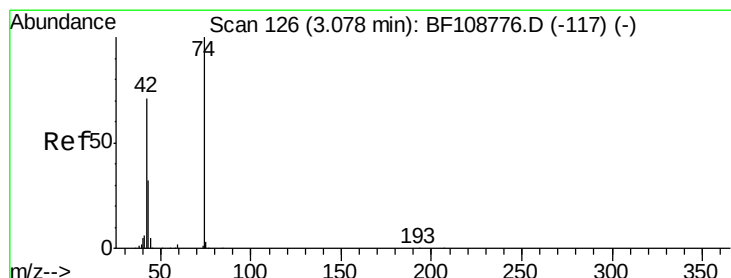
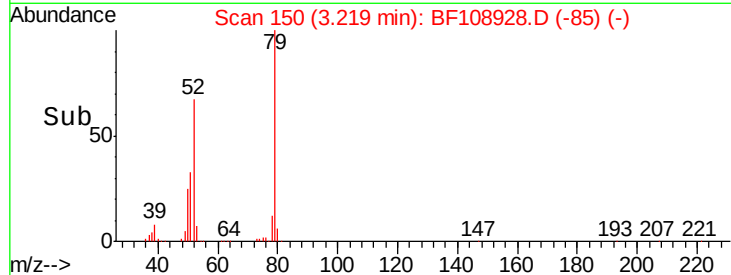
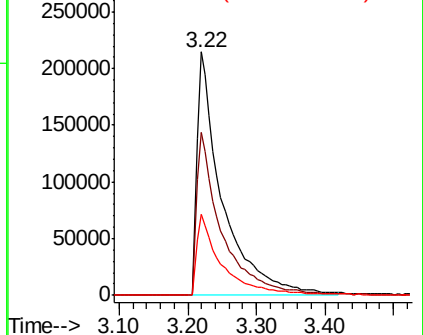
#3
 Pvridine
 Concen: 39.750 ng
 RT: 3.22 min Scan# 150
 Delta R.T. 0.08 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 79 Resp: 550960
 Ion Ratio Lower Upper
 79 100
 52 66.9 59.8 89.6
 51 33.1 29.8 44.8

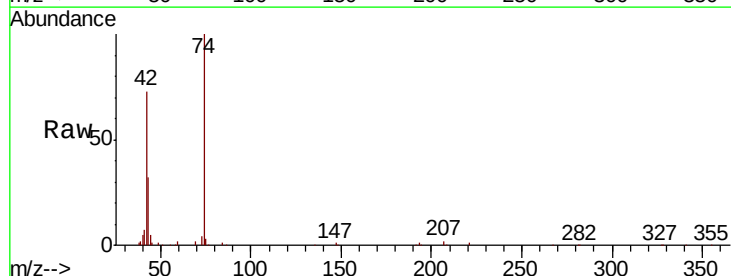


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

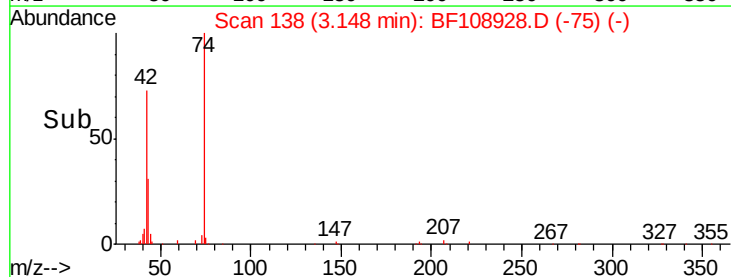
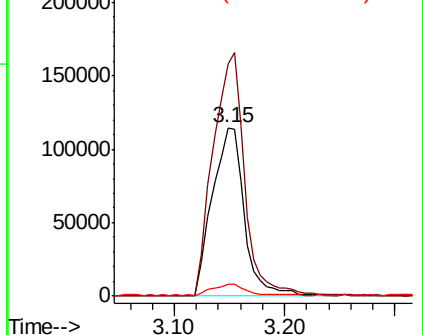


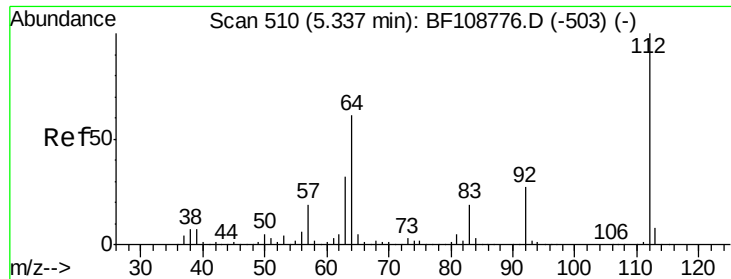
#4
 n-Nitrosodimethylamine
 Concen: 43.044 ng
 RT: 3.15 min Scan# 138
 Delta R.T. 0.07 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Tgt Ion: 42 Resp: 229149
 Ion Ratio Lower Upper
 42 100
 74 137.7 104.9 157.3
 44 7.1 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: 102.017 ng

RT: 5.36 min Scan# 514

Delta R.T. 0.02 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Instrument :

BNA_F

ClientSampleId :

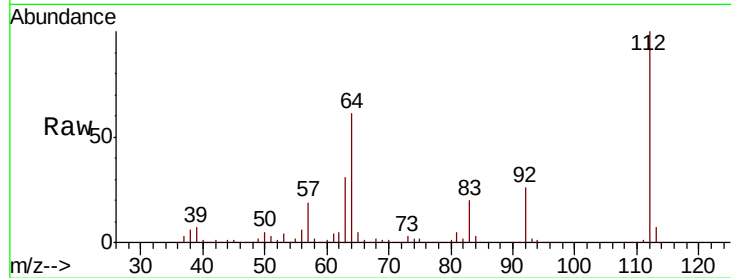
Tot Ion:112 Resp: 1074353

Ion Ratio Lower Upper

112 100

64 61.3 47.9 71.9

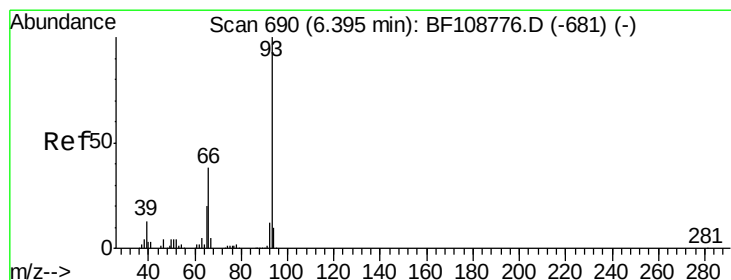
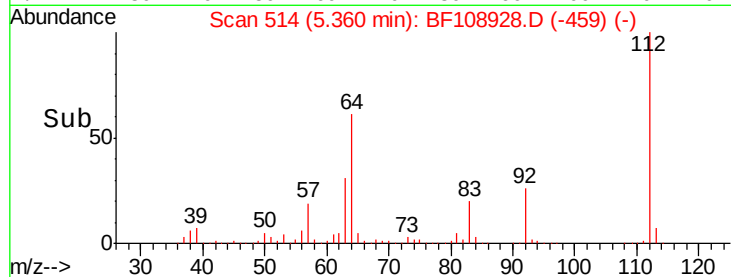
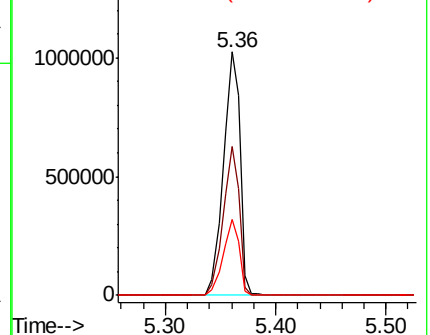
63 31.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.555 ng

RT: 6.40 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

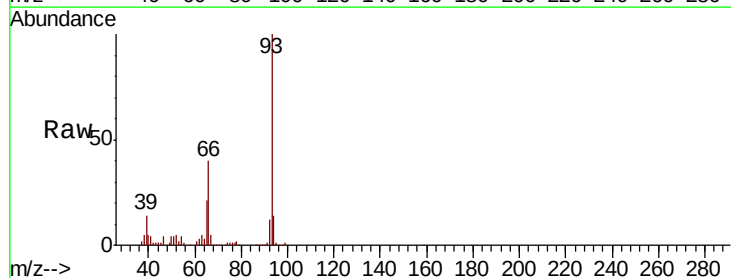
Tgt Ion: 93 Resp: 556847

Ion Ratio Lower Upper

93 100

66 39.6 32.2 48.2

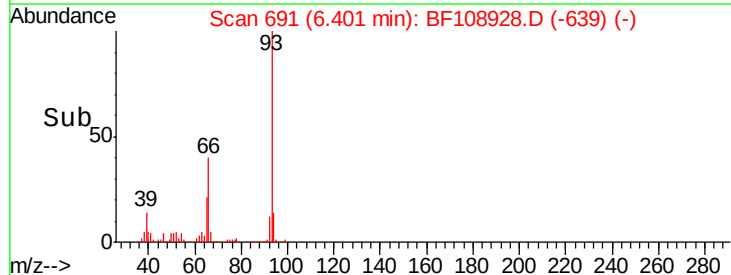
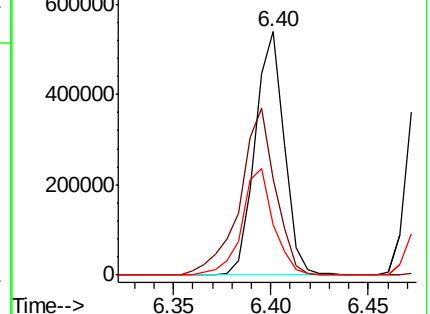
65 20.7 16.4 24.6

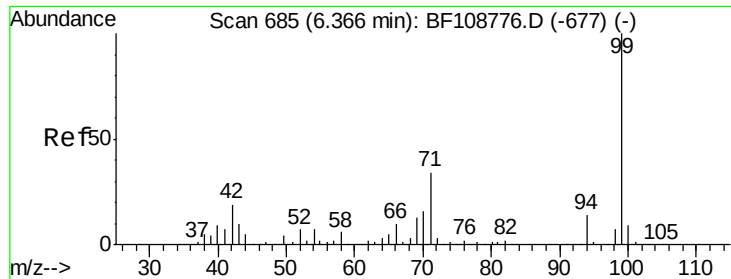


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 101.714 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Instrument :

BNA_F

ClientSampleId :

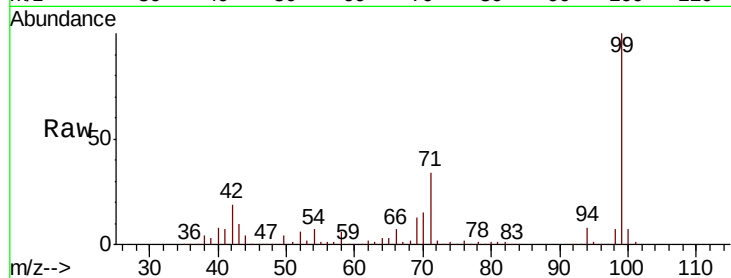
Tot Ion: 99 Resp: 1378215

Ion Ratio Lower Upper

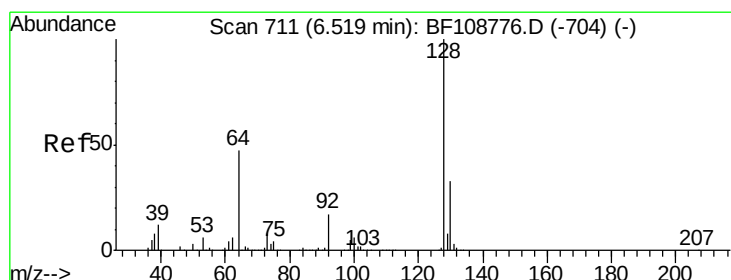
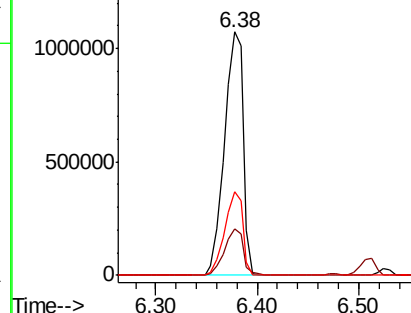
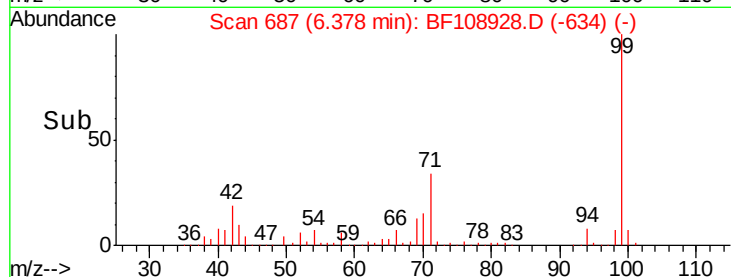
99 100

42 19.2 14.5 21.7

71 34.4 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: 41.521 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

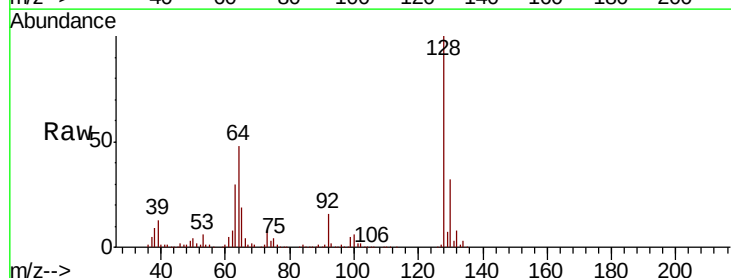
Tgt Ion: 128 Resp: 483994

Ion Ratio Lower Upper

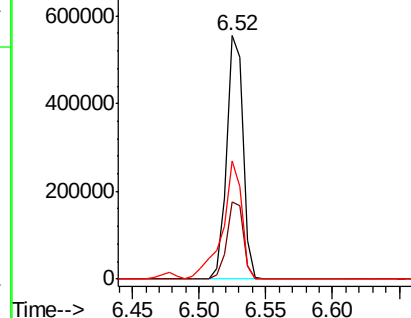
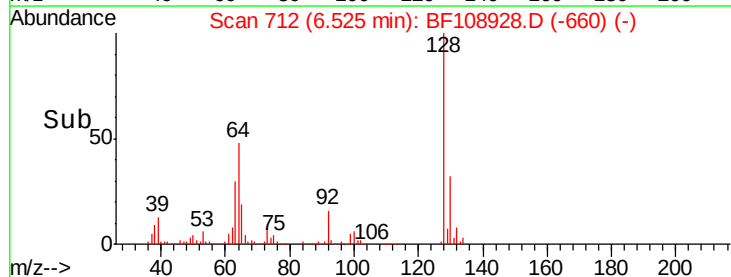
128 100

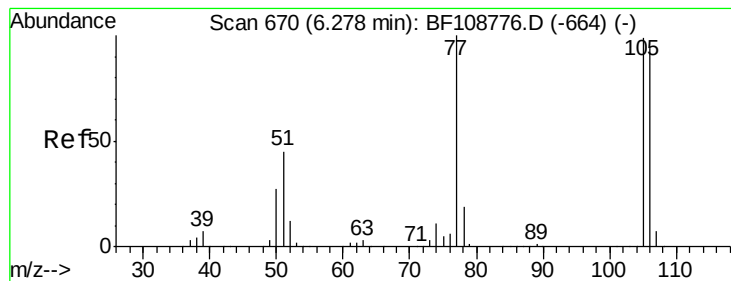
130 31.9 13.0 53.0

64 48.3 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: 27.067 ng

RT: 6.28 min Scan# 671

Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Instrument :

BNA_F

ClientSampleId :

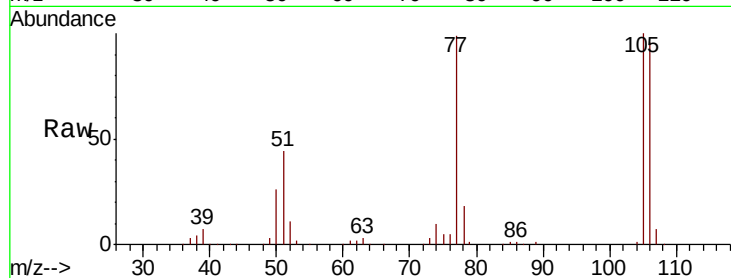
Tot Ion: 77 Resp: 260183

Ion Ratio Lower Upper

77 100

105 100.6 81.1 121.1

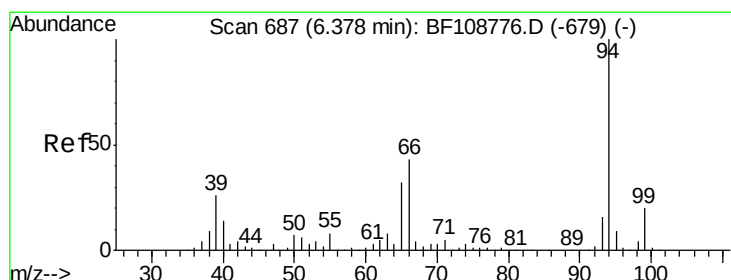
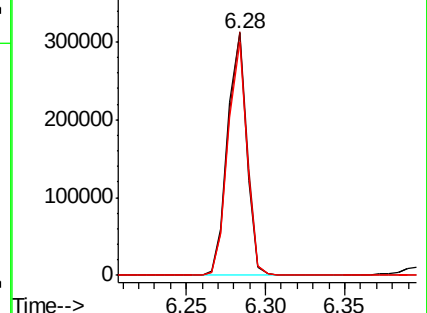
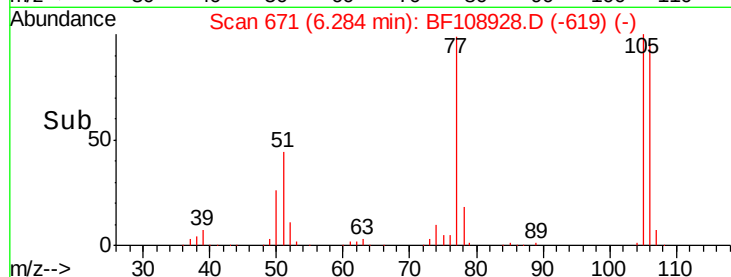
106 96.5 74.5 114.5



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: 38.092 ng

RT: 6.39 min Scan# 689

Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

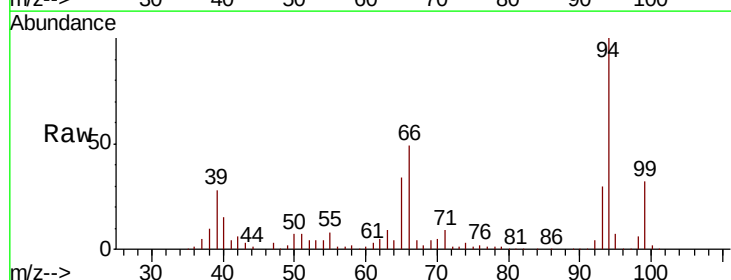
Tgt Ion: 94 Resp: 591173

Ion Ratio Lower Upper

94 100

65 34.0 7.9 47.9

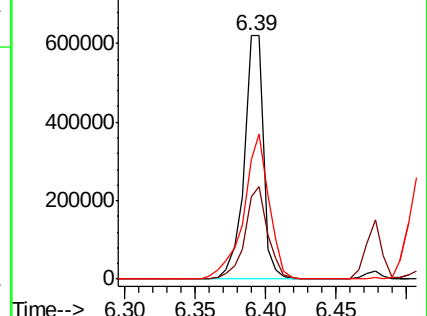
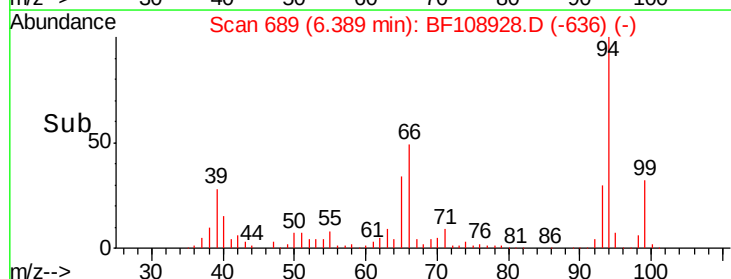
66 49.1 16.2 56.2

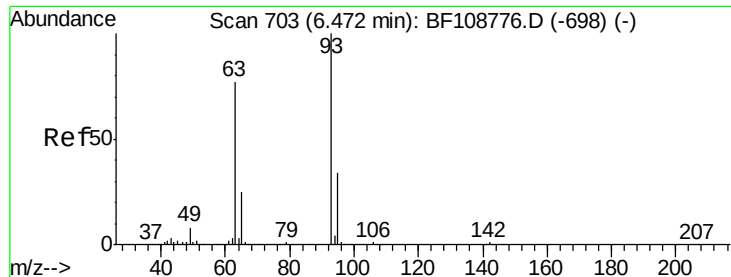


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

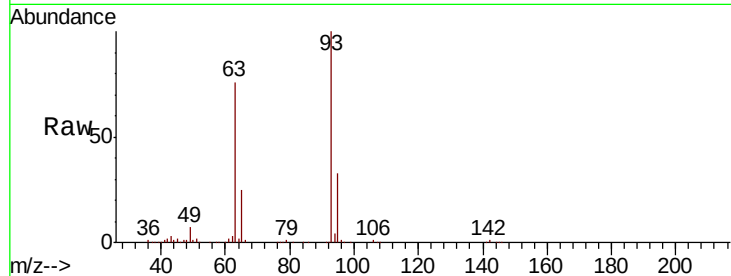




#11
 bis(2-Chloroethyl)ether
 Concen: 38.366 ng
 RT: 6.48 min Scan# 704
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	93	63	95
Resp:	476988		
Ion Ratio	100	75.9	32.6
Lower		58.6	11.8
Upper		98.6	51.8

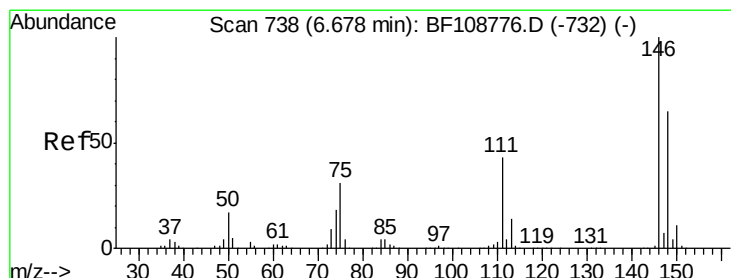
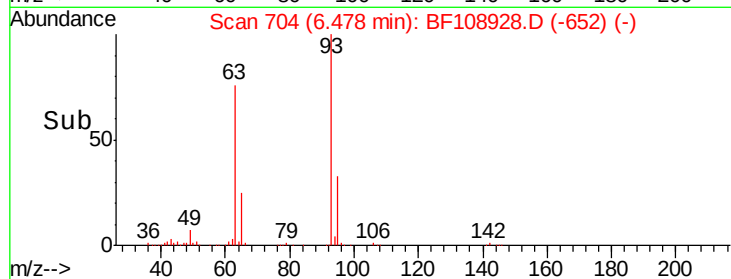
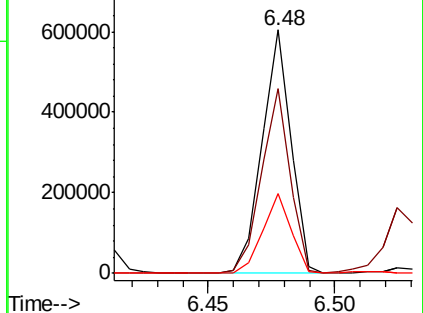


Abundance

Ion 93.00 (92.70 to 93.70): BF1

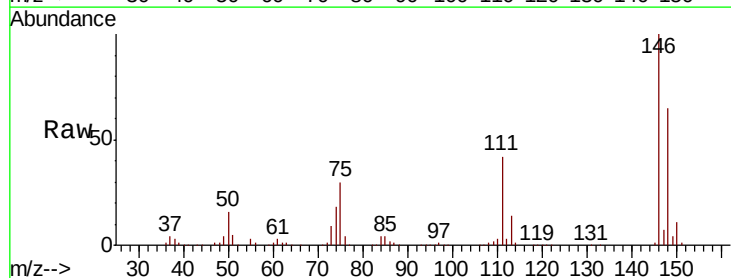
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
 1,3-Dichlorobenzene
 Concen: 39.483 ng
 RT: 6.68 min Scan# 739
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Tgt Ion	146	148	75
Resp:	525200		
Ion Ratio	100	64.5	29.8
Lower		51.8	24.2
Upper		77.8	36.4

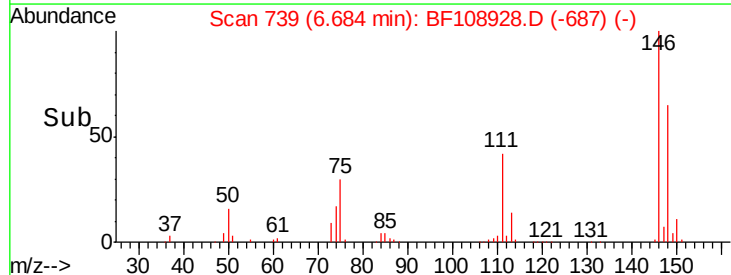
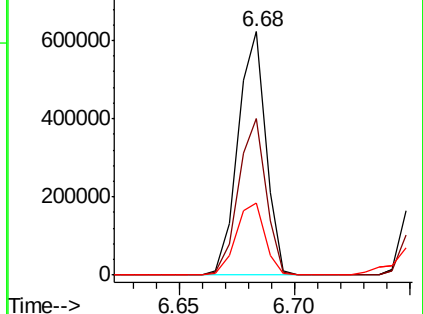


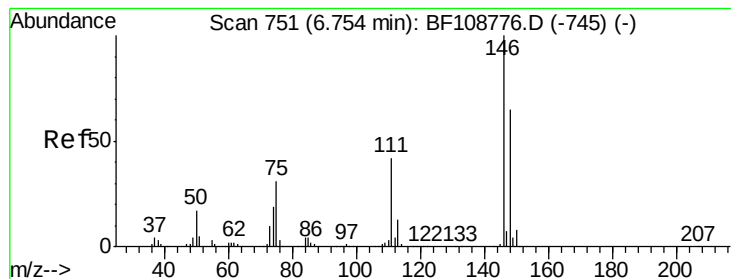
Abundance

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: 39.585 ng

RT: 6.76 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Instrument :

BNA_F

ClientSampleId :

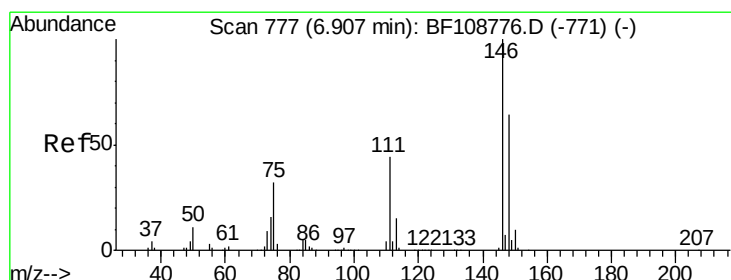
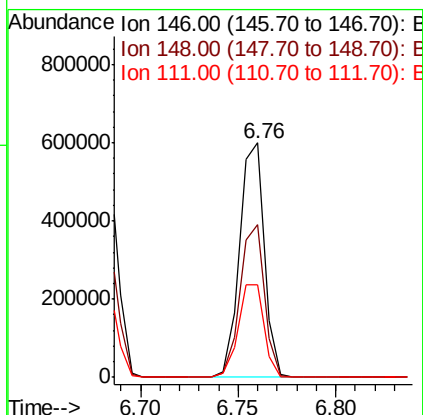
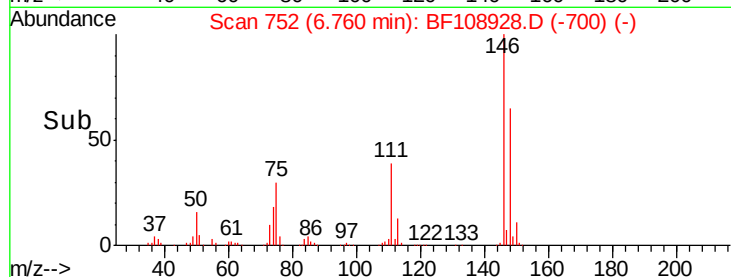
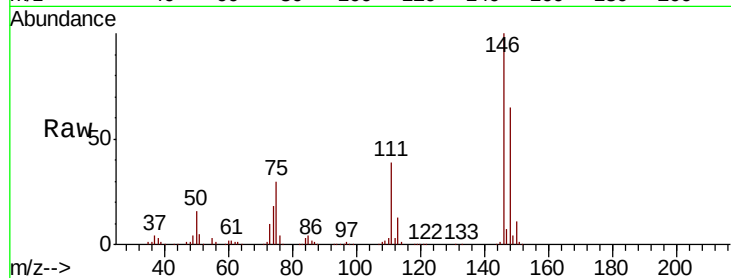
Tot Ion:146 Resp: 526579

Ion Ratio Lower Upper

146 100

148 65.4 50.8 76.2

111 39.5 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 40.315 ng

RT: 6.91 min Scan# 778

Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

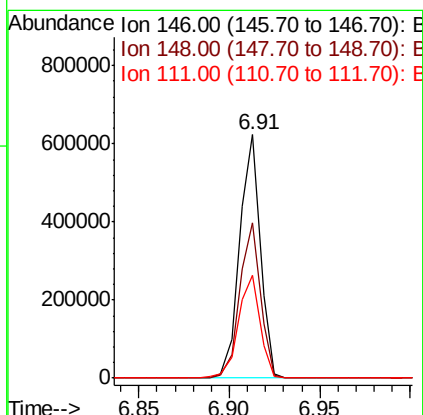
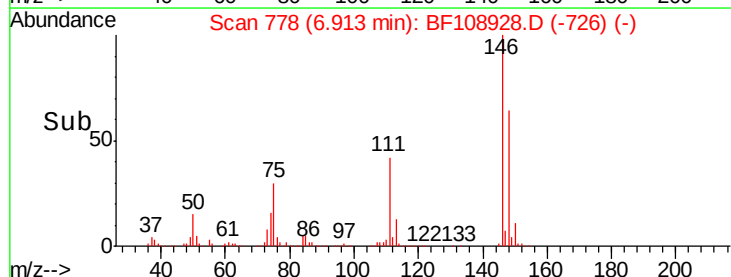
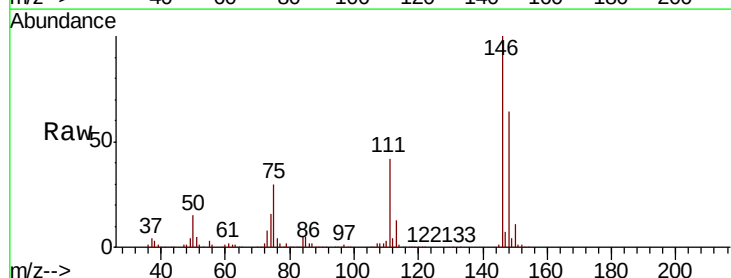
Tgt Ion:146 Resp: 494315

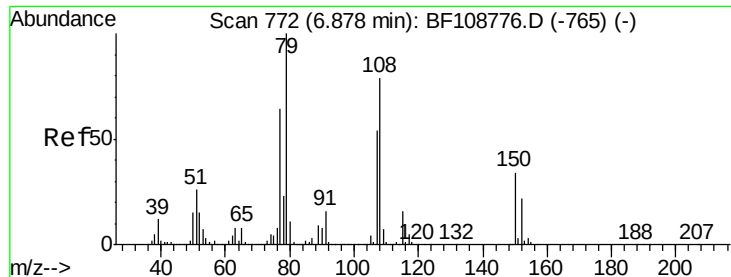
Ion Ratio Lower Upper

146 100

148 64.0 50.6 75.8

111 42.0 36.0 54.0

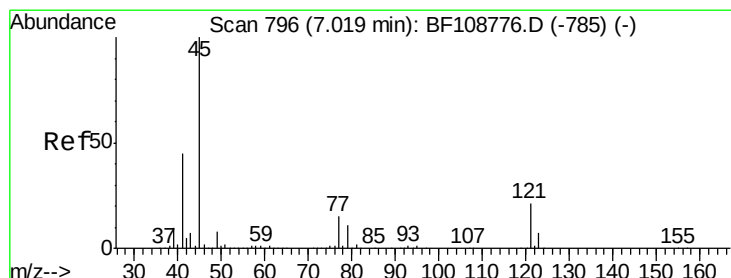
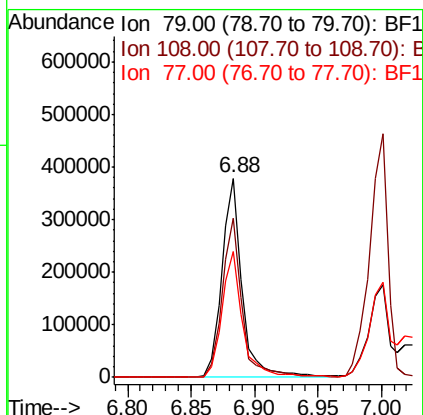
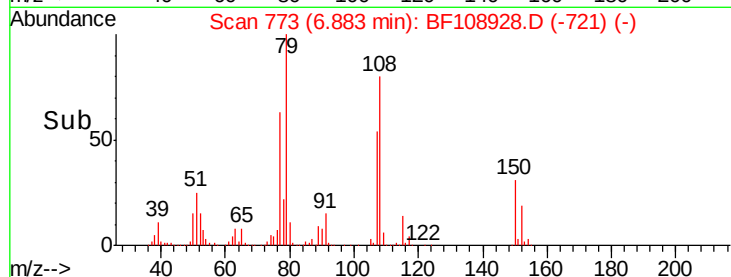
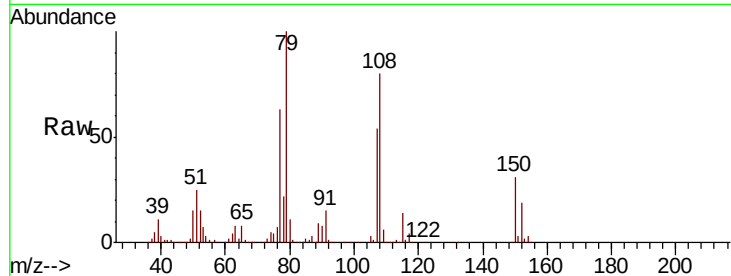




#15
Benzyl Alcohol
Concen: 40.627 ng
RT: 6.88 min Scan# 773
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

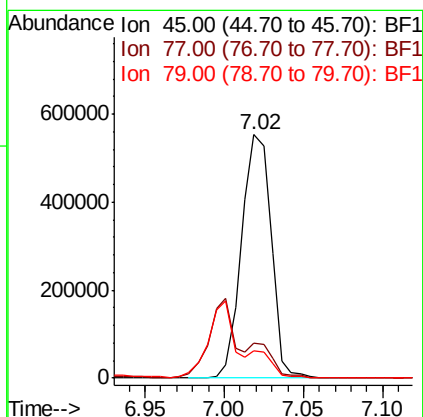
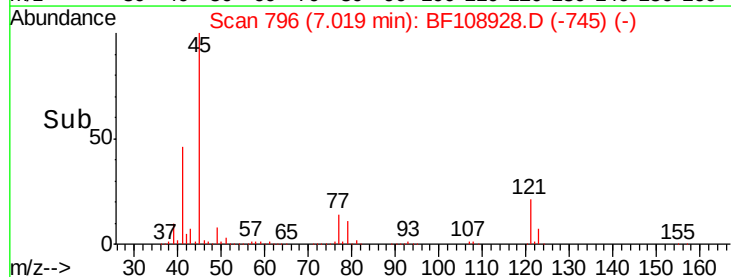
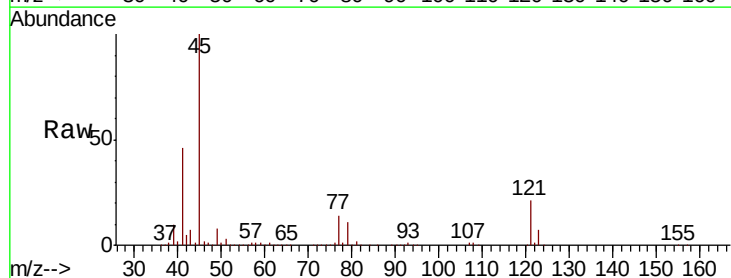
Instrument :
BNA_F
ClientSampleID :

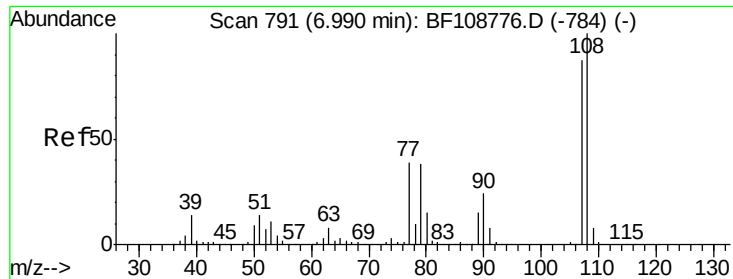
Tot Ion	Ratio	Lower	Upper
79	100		
108	80.1	65.1	97.7
77	63.0	50.6	75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.506 ng
RT: 7.02 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	32.9
79	11.3	0.0	29.6

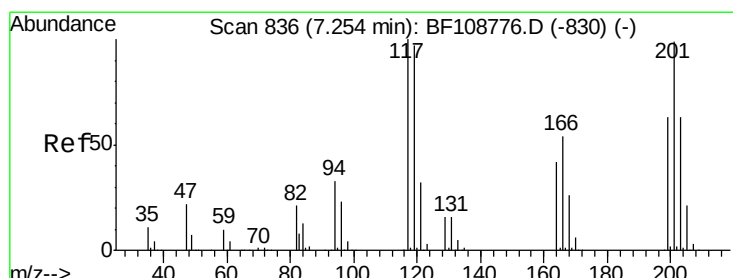
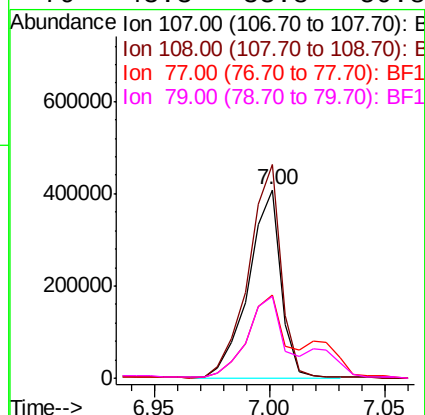
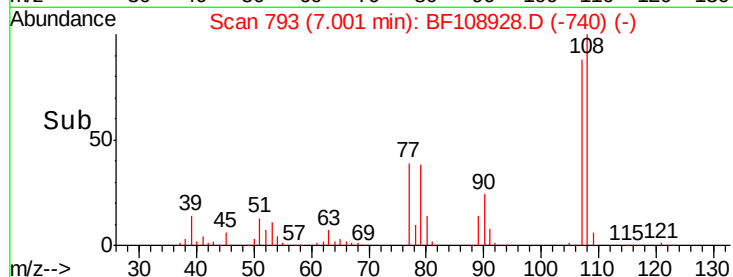
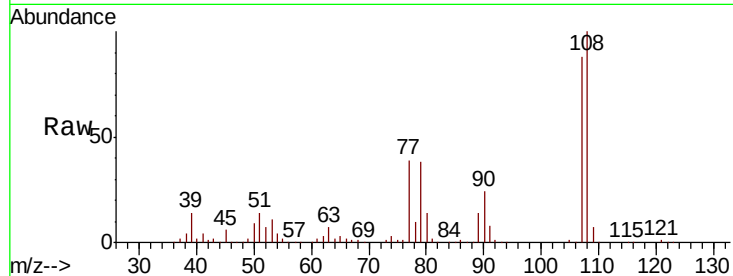




#17
2-Methylphenol
Concen: 40.710 ng
RT: 7.00 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

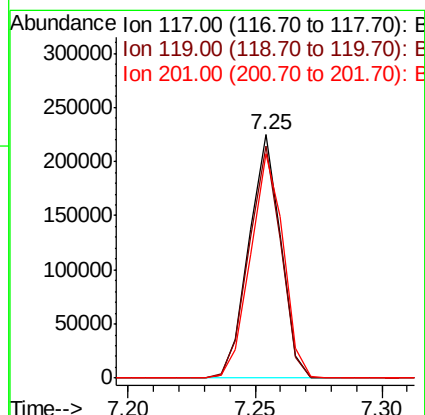
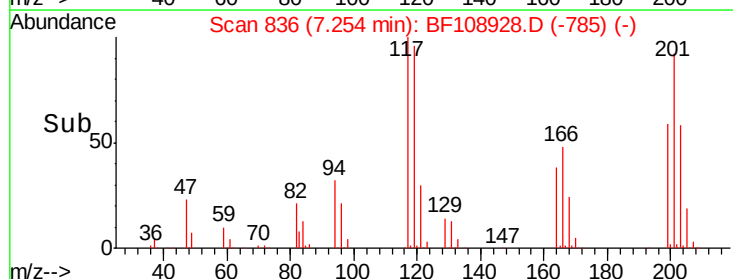
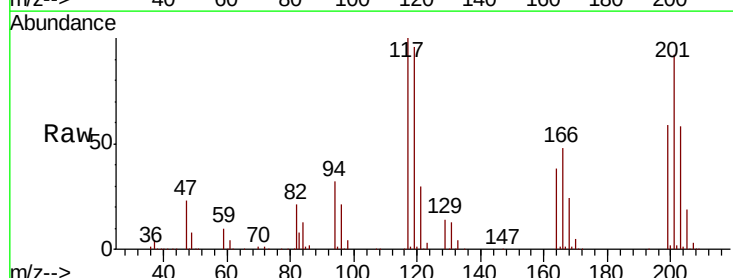
Instrument :
BNA_F
ClientSampleId :

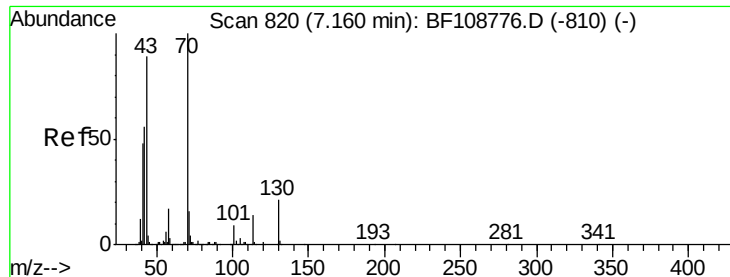
Tot Ion:107 Resp: 401028
Ion Ratio Lower Upper
107 100
108 113.4 91.7 137.5
77 44.4 33.8 50.8
79 43.3 33.8 50.8



#18
Hexachloroethane
Concen: 40.856 ng
RT: 7.25 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion:117 Resp: 195967
Ion Ratio Lower Upper
117 100
119 95.5 75.8 113.8
201 92.0 75.7 113.5

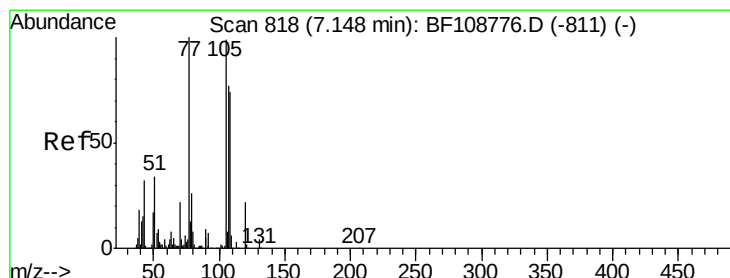
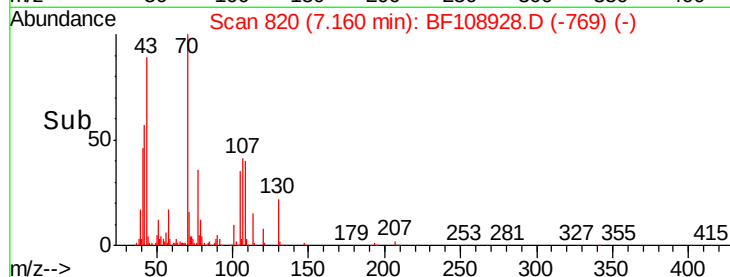
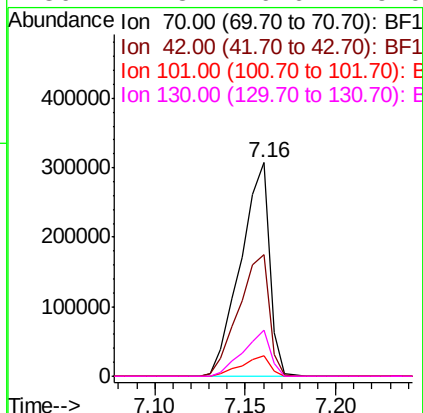
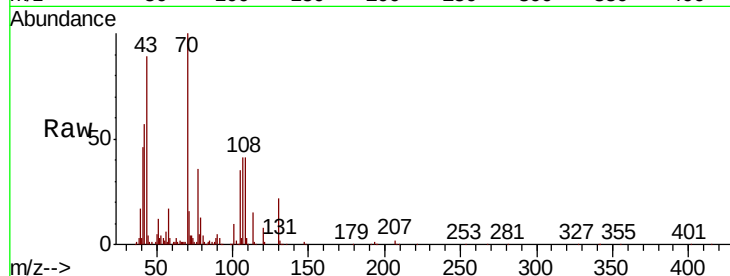




#19
n-Nitroso-di-n-propylamine
Concen: 36.061 ng
RT: 7.16 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

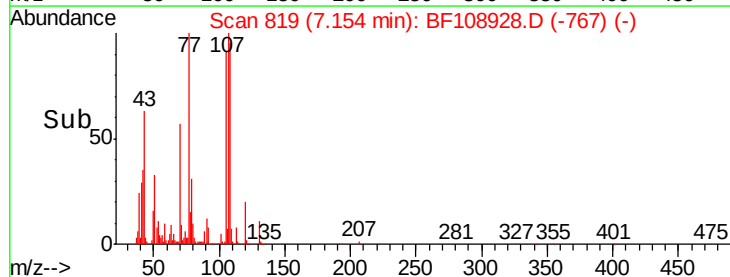
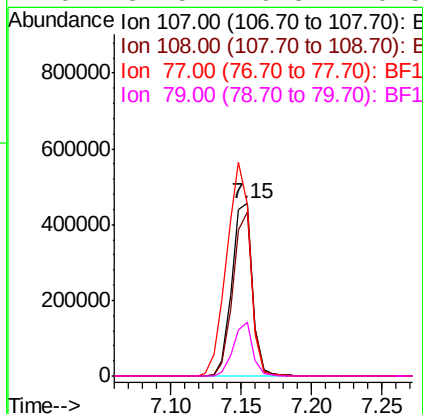
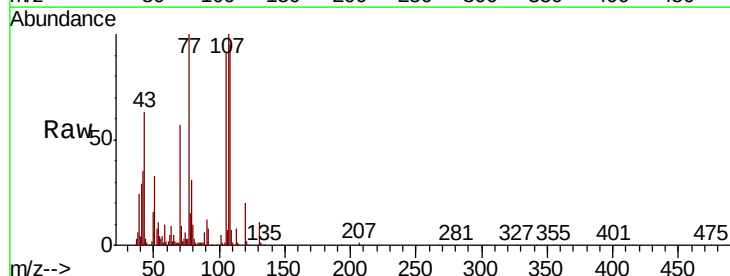
Instrument :
BNA_F
ClientSampleId :

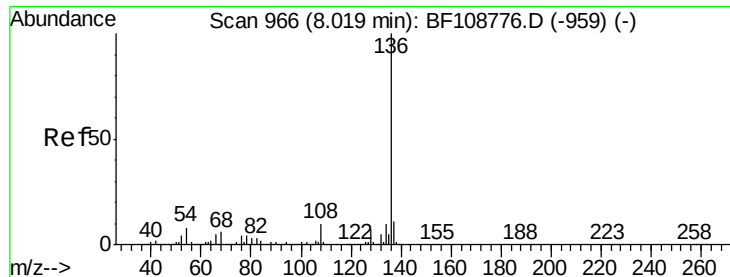
Tot Ion	Ratio	Lower	Upper
70	100		
42	57.1	47.5	71.3
101	9.8	7.4	11.2
130	21.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 39.892 ng
RT: 7.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.3	68.2	108.2
77	99.7	26.7	66.7#
79	31.5	6.3	46.3

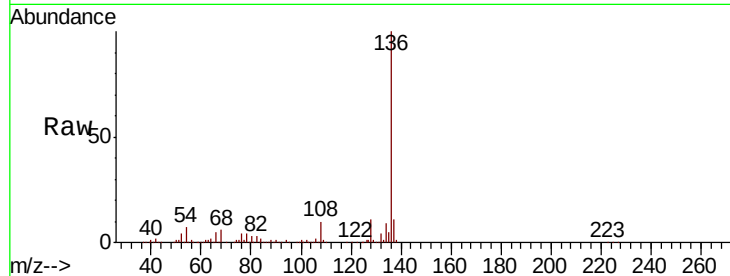




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 967
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	711970
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	7.0	6.6 9.8
68	6.1	5.0 7.4



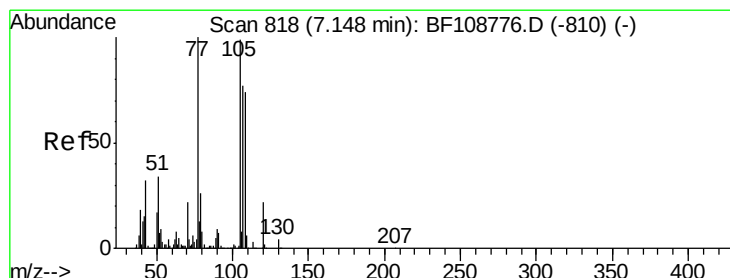
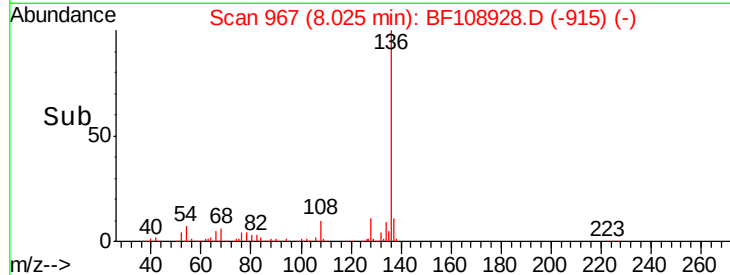
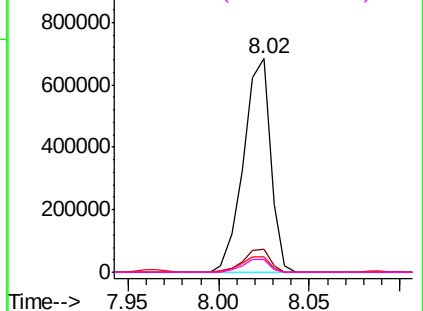
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

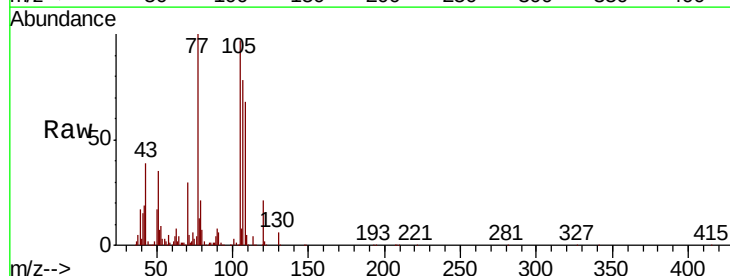
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 40.072 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion:105	Resp:	647494
Ion Ratio	Lower	Upper
105	100	
71	5.4	4.4 6.6
51	36.0	22.3 33.5#
120	22.2	16.9 25.3



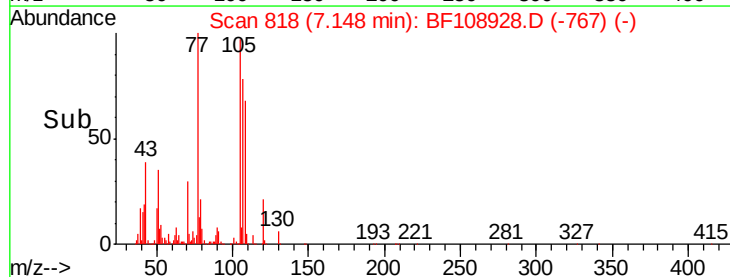
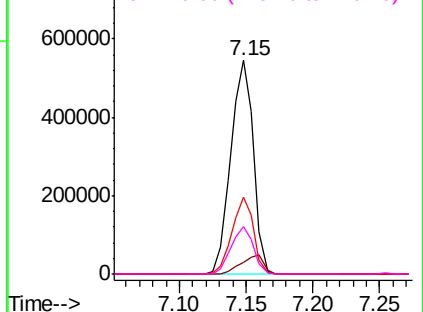
Abundance

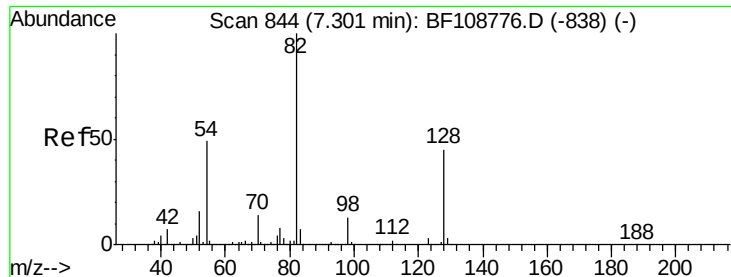
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

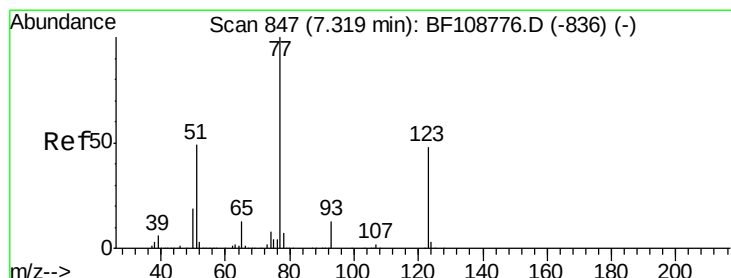
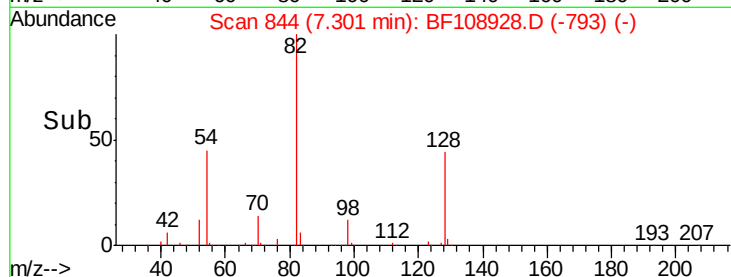
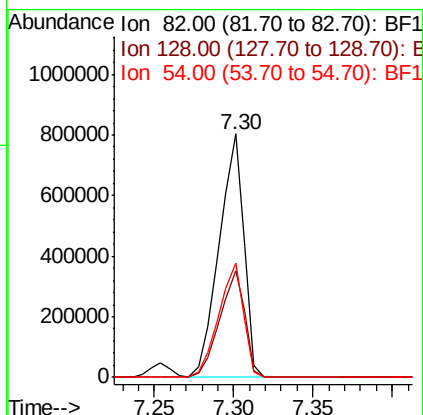
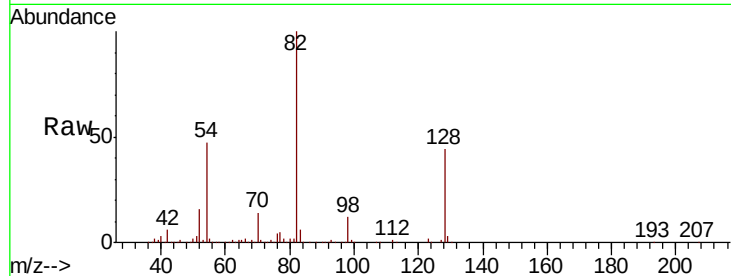




#23
 Nitrobenzene-d5
 Concen: 76.395 ng
 RT: 7.30 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

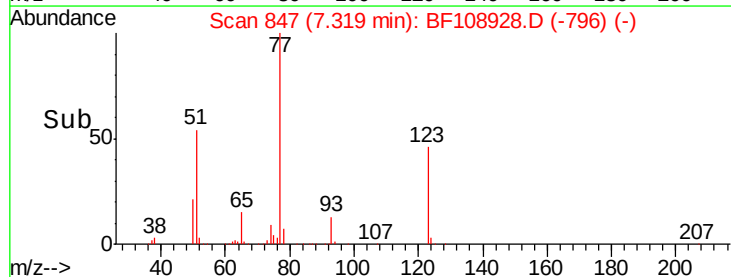
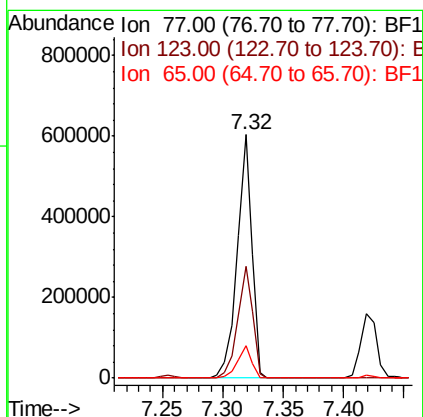
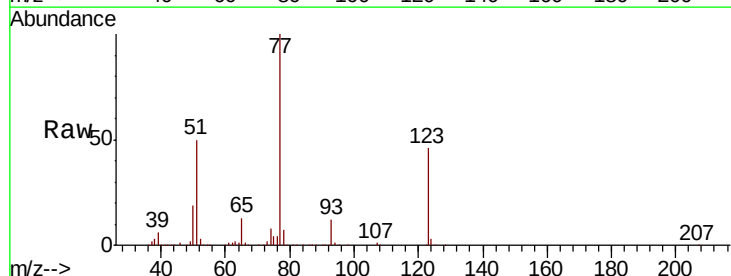
Instrument :
 BNA_F
 ClientSampleId :

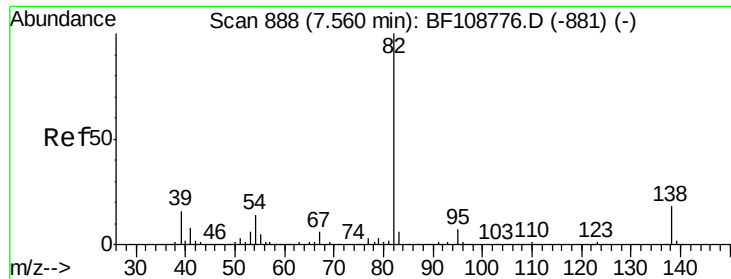
Tot Ion	82	Resp	869129
Ion Ratio	Lower	Upper	
82	100		
128	43.8	36.1	54.1
54	47.1	41.4	62.2



#24
 Nitrobenzene
 Concen: 42.291 ng
 RT: 7.32 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Tgt Ion	77	Resp	516247
Ion Ratio	Lower	Upper	
77	100		
123	45.8	37.9	56.9
65	13.4	11.0	16.4





#25

Isophorone

Concen: 42.427 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Instrument :

BNA_F

ClientSampled :

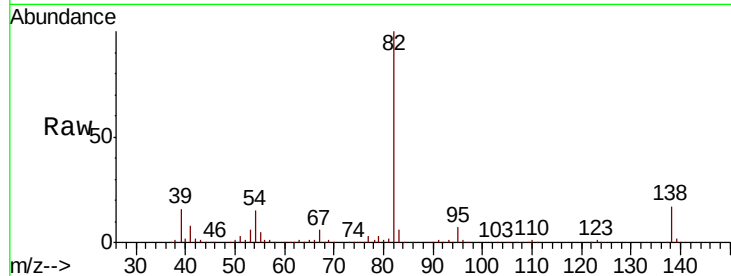
Tot Ion: 82 Resp: 962799

Ion Ratio Lower Upper

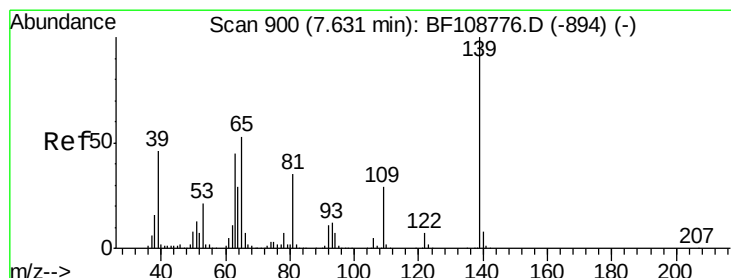
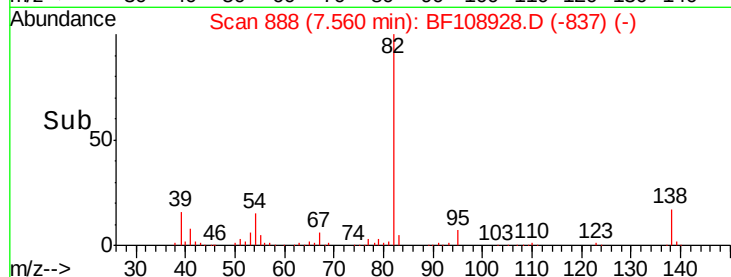
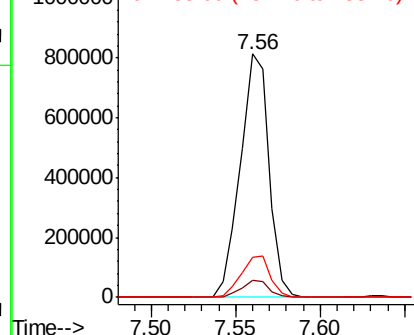
82 100

95 6.8 5.2 7.8

138 16.6 14.9 22.3



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



#26

2-Nitrophenol

Concen: 50.165 ng

RT: 7.64 min Scan# 901

Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

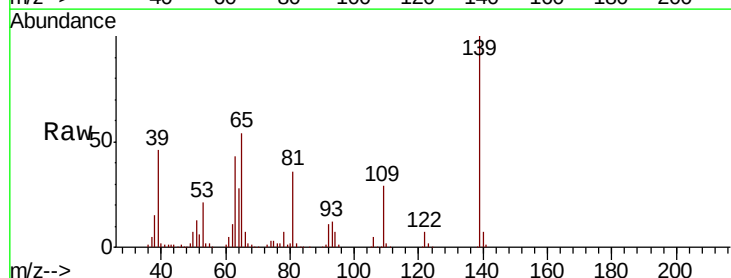
Tgt Ion: 139 Resp: 241251

Ion Ratio Lower Upper

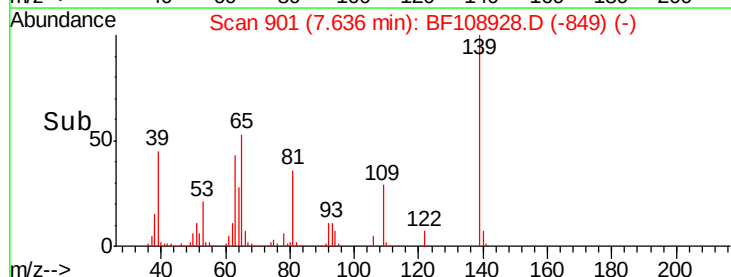
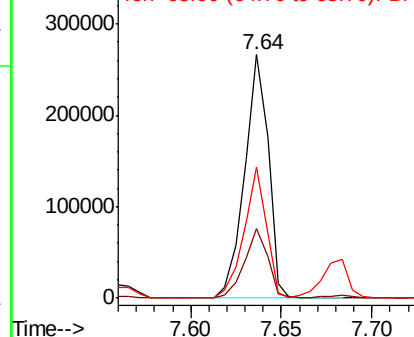
139 100

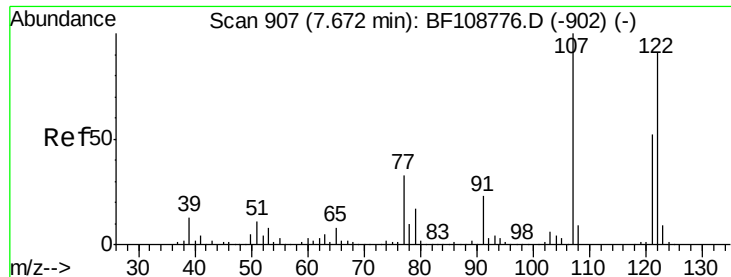
109 28.7 22.7 34.1

65 53.9 40.5 60.7



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

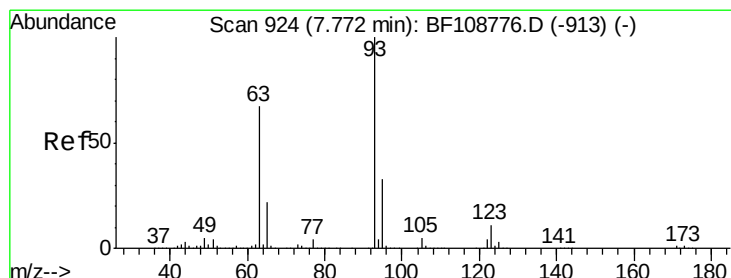
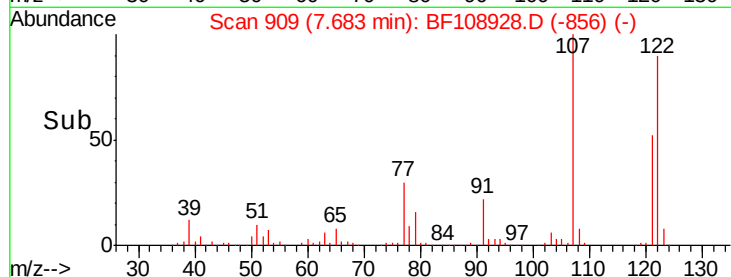
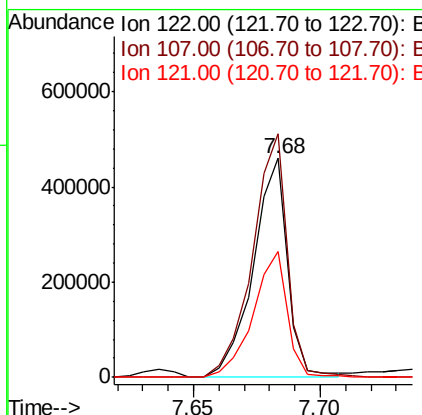
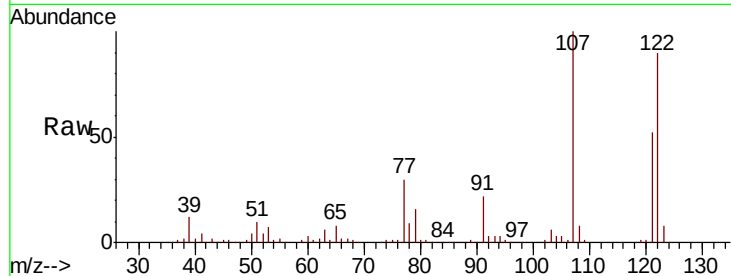




#27
 2,4-Dimethylphenol
 Concen: 44.637 ng
 RT: 7.68 min Scan# 909
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

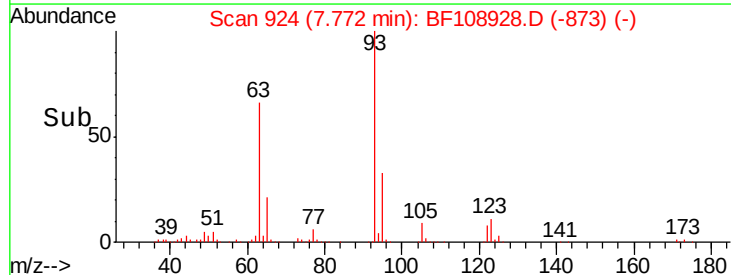
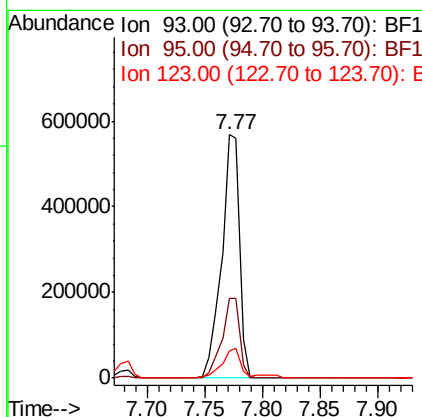
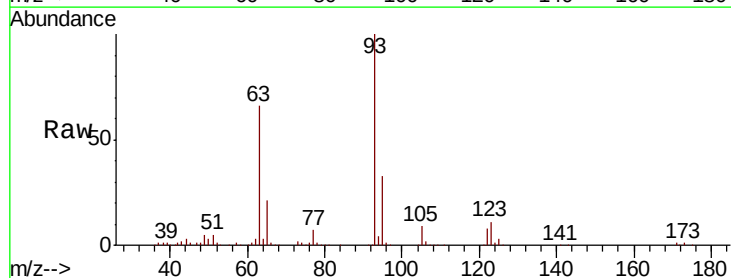
Instrument :
 BNA_F
 ClientSampleId :

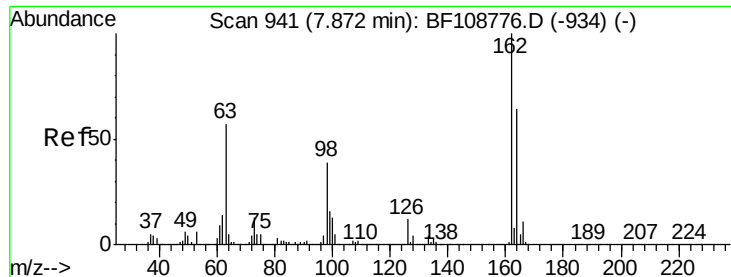
Tot Ion:122 Resp: 435921
 Ion Ratio Lower Upper
 122 100
 107 111.2 91.2 136.8
 121 57.7 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.202 ng
 RT: 7.77 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Tgt Ion: 93 Resp: 609954
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.3 39.5
 123 11.0 9.8 14.6

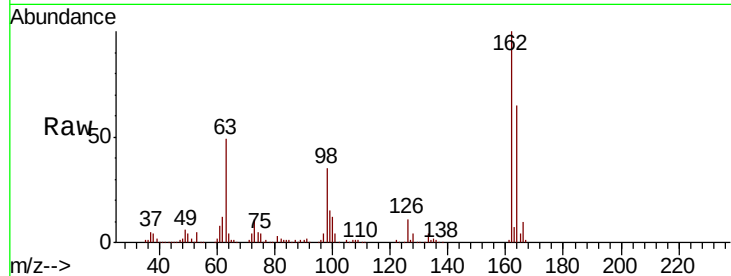




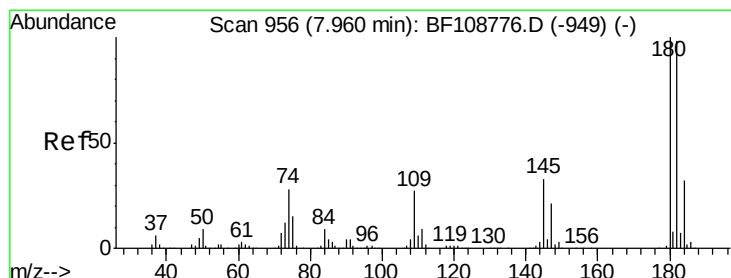
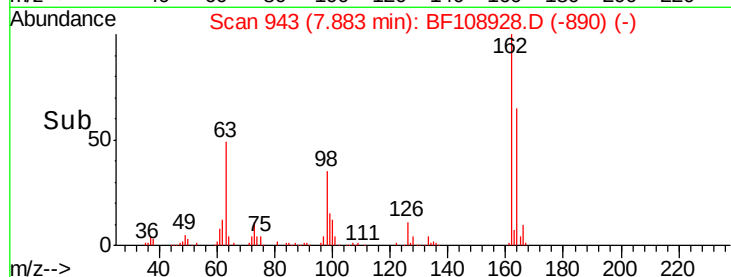
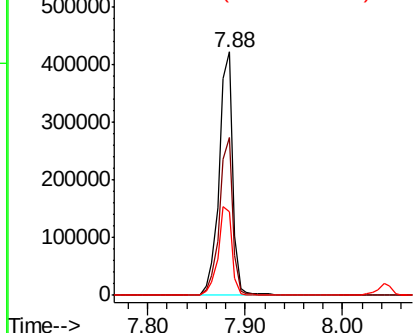
#29
2,4-Dichlorophenol
Concen: 40.764 ng
RT: 7.88 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 410497
Ion Ratio Lower Upper
162 100
164 64.7 42.7 82.7
98 34.6 18.1 58.1

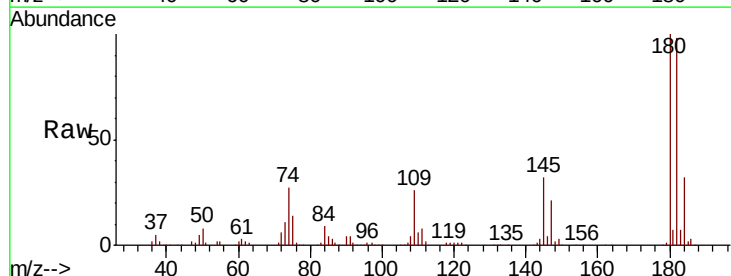


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

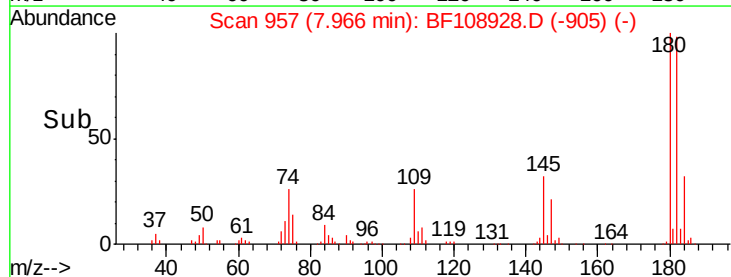
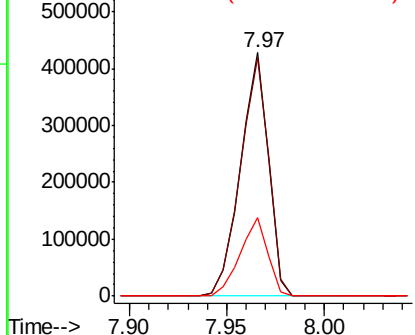


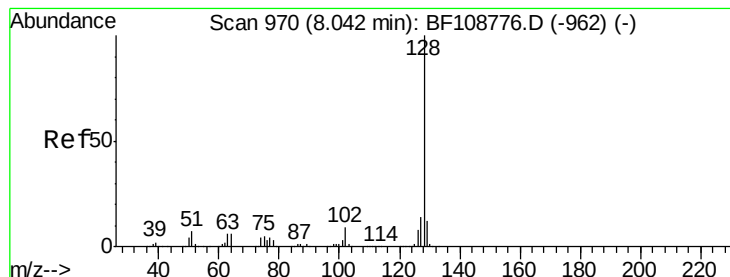
#30
1,2,4-Trichlorobenzene
Concen: 38.749 ng
RT: 7.97 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion:180 Resp: 422880
Ion Ratio Lower Upper
180 100
182 97.7 76.8 115.2
145 32.1 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.827 ng

RT: 8.04 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Instrument :

BNA_F

ClientSampleId :

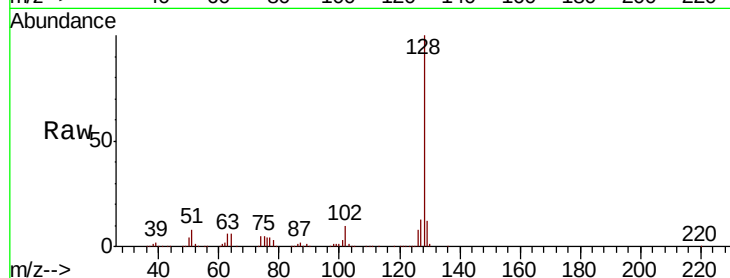
Tot Ion:128 Resp: 1371826

Ion Ratio Lower Upper

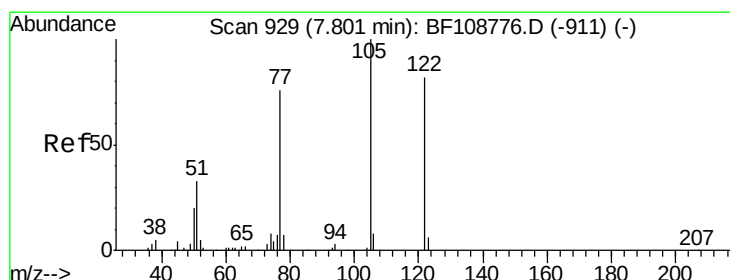
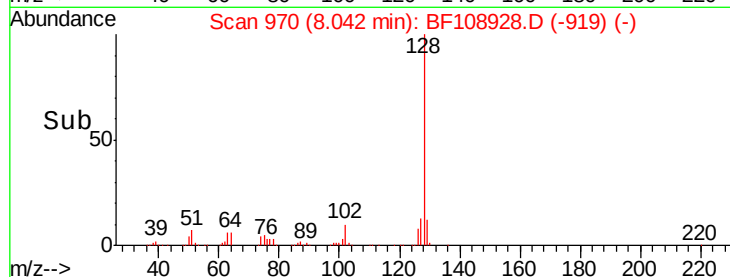
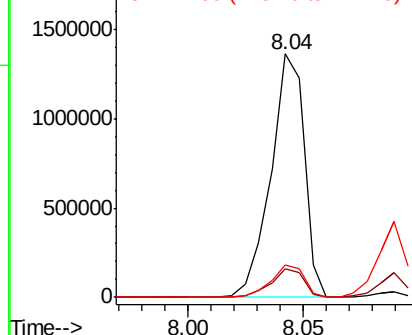
128 100

129 11.7 8.8 13.2

127 13.4 10.9 16.3



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



#32

Benzoic acid

Concen: 44.890 ng

RT: 7.81 min Scan# 931

Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

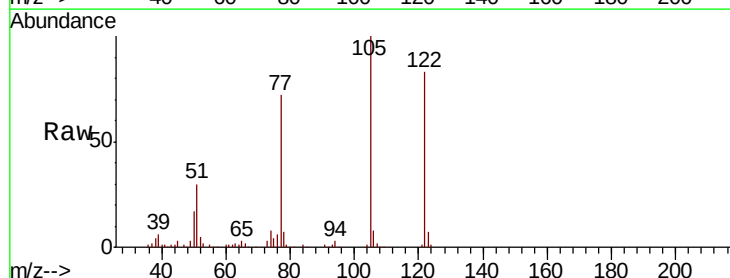
Tgt Ion:122 Resp: 283304

Ion Ratio Lower Upper

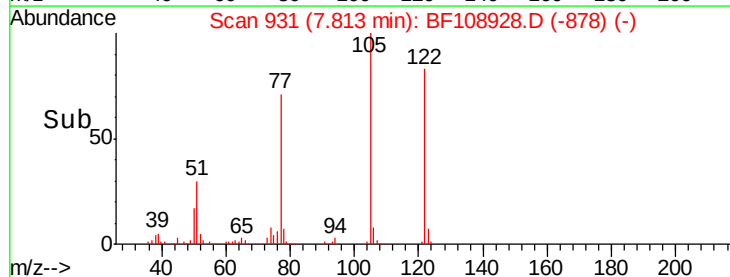
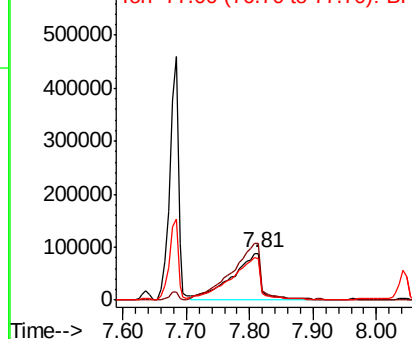
122 100

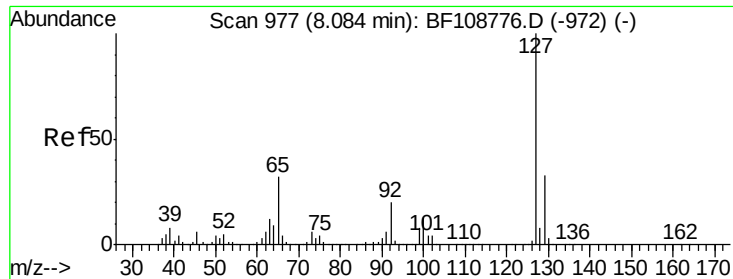
105 121.1 101.1 141.1

77 86.7 70.7 110.7



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

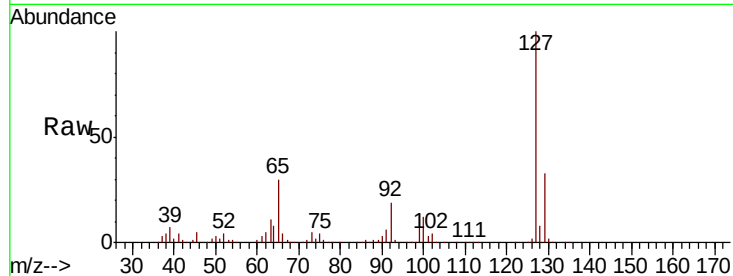




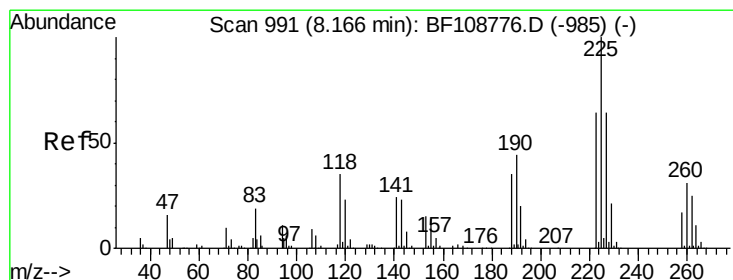
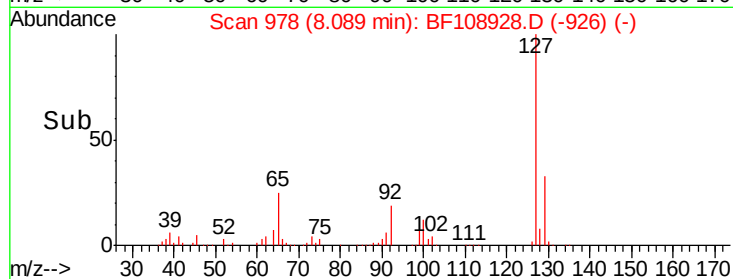
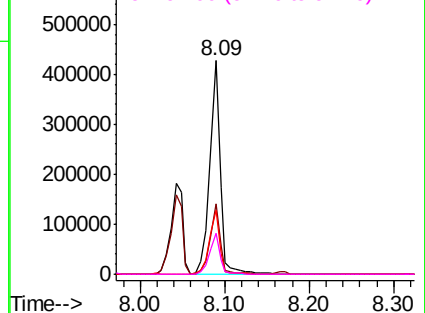
#33
4-Chloroaniline
Concen: 25.285 ng
RT: 8.09 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	371982
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	29.7	25.0	37.4
92	19.1	15.2	22.8

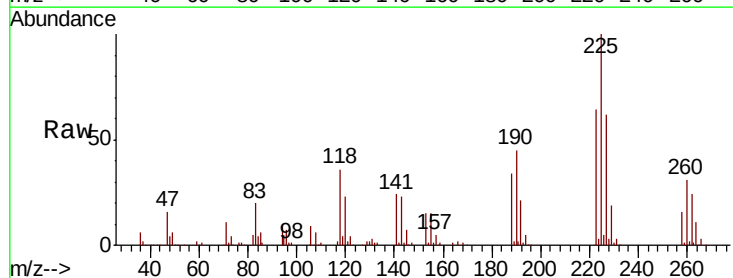


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

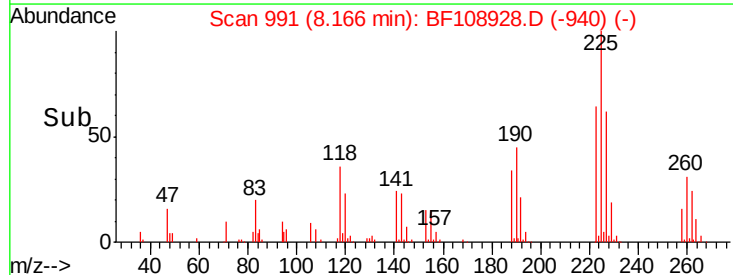
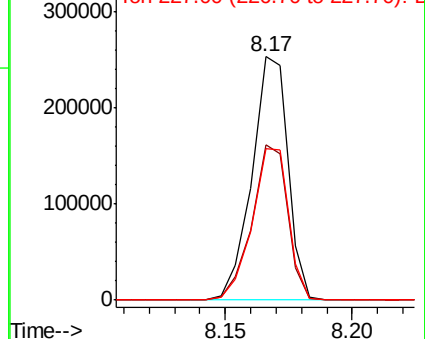


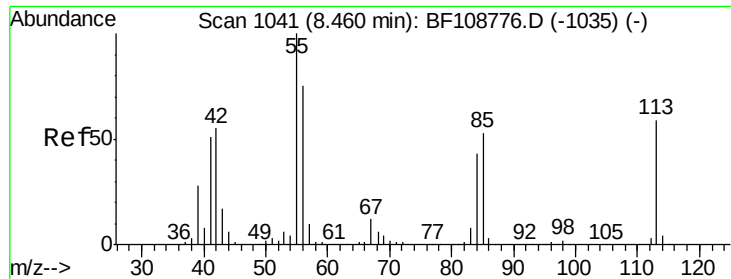
#34
Hexachlorobutadiene
Concen: 38.638 ng
RT: 8.17 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion:	225	Resp:	251903
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	62.4	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

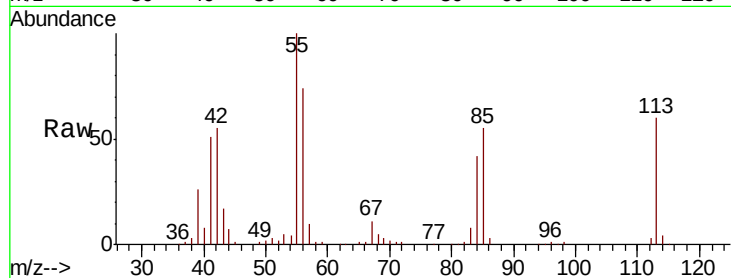




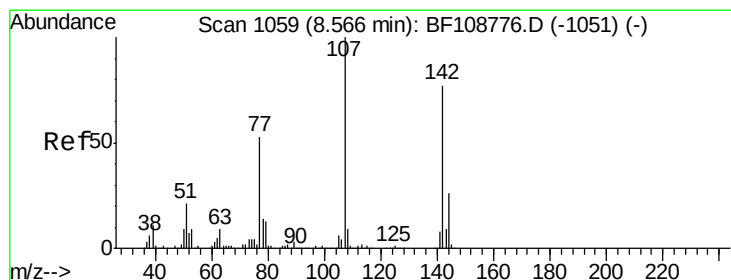
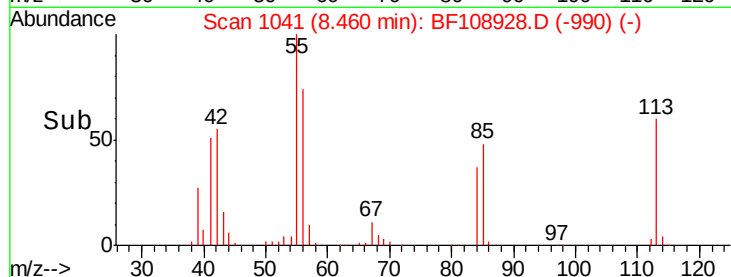
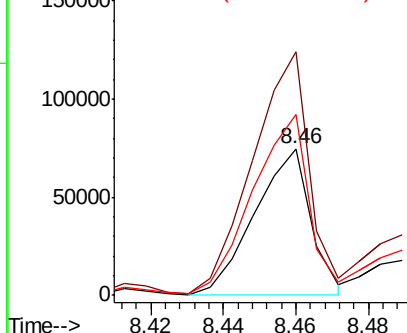
#35
 Caprolactam
 Concen: 23.626 ng
 RT: 8.46 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 80617
 Ion Ratio Lower Upper
 113 100
 55 165.8 163.3 203.3
 56 122.9 115.7 155.7

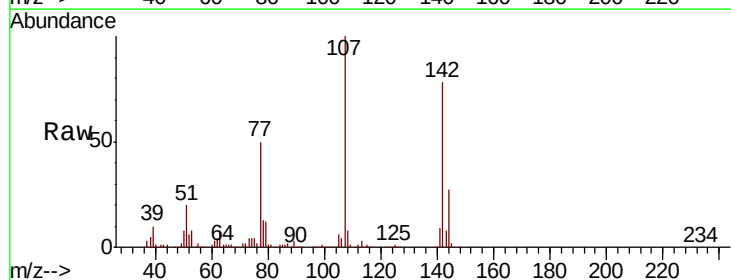


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

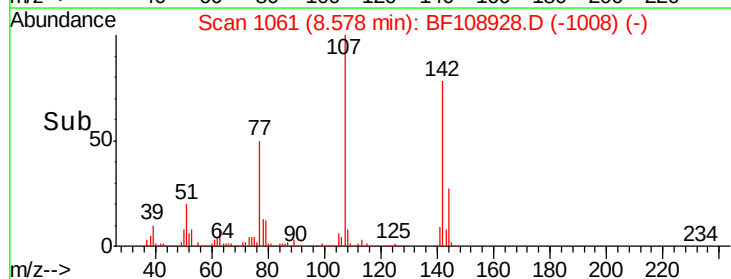
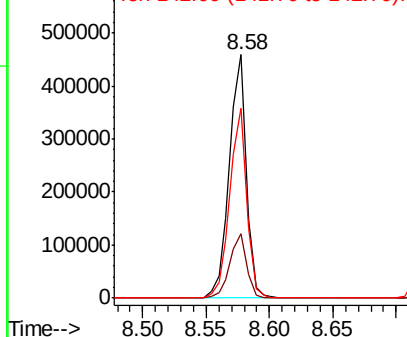


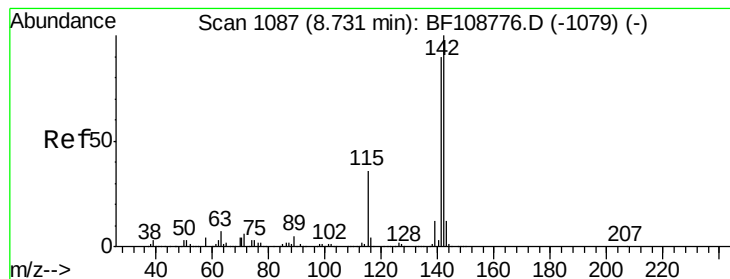
#36
 4-Chloro-3-methylphenol
 Concen: 39.703 ng
 RT: 8.58 min Scan# 1061
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Tgt Ion:107 Resp: 425911
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.5 30.7
 142 78.2 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.360 ng

RT: 8.74 min Scan# 1088

Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Instrument :

BNA_F

ClientSampled :

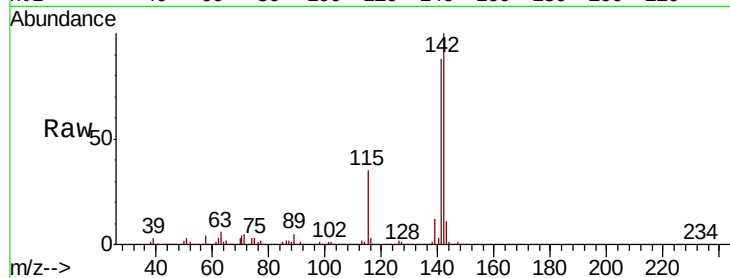
Tot Ion:142 Resp: 917568

Ion Ratio Lower Upper

142 100

141 88.1 70.8 106.2

115 34.6 26.1 39.1

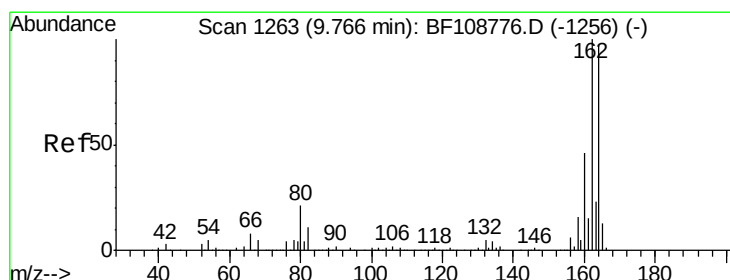
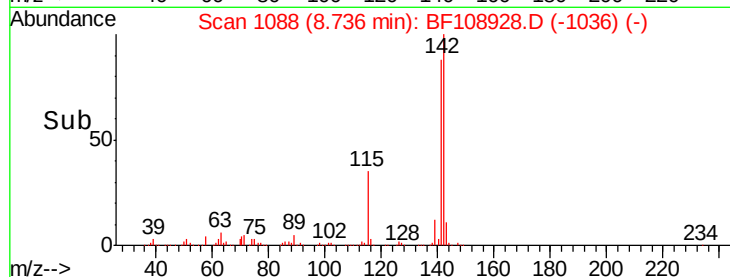
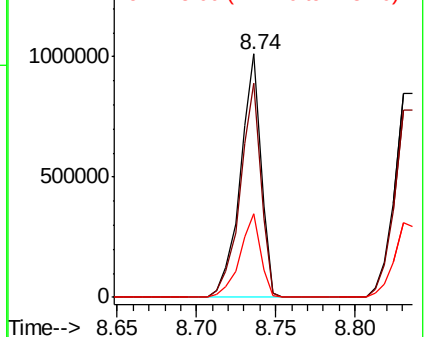


Abundance

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: 9.77 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

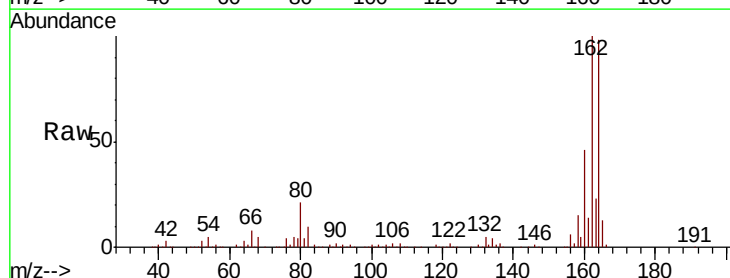
Tgt Ion:164 Resp: 340775

Ion Ratio Lower Upper

164 100

162 102.5 86.1 129.1

160 46.9 38.3 57.5

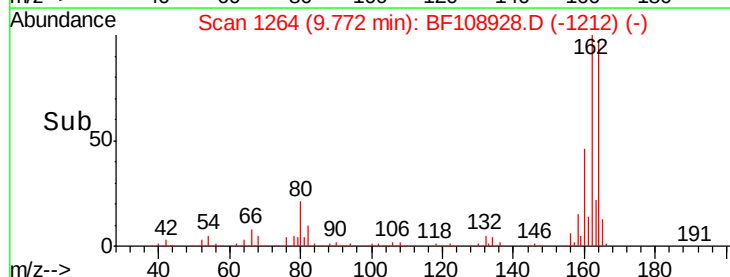
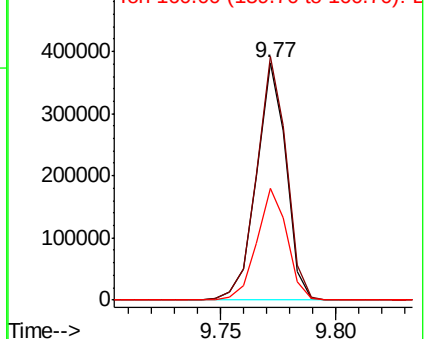


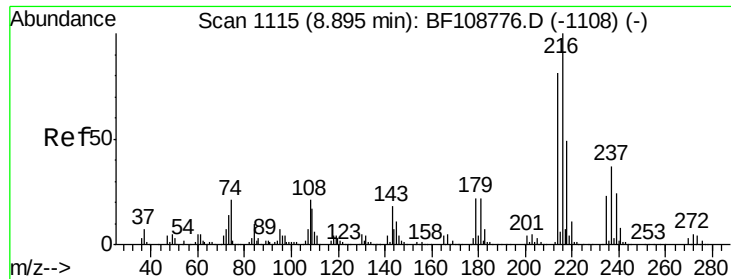
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.571 ng

RT: 8.91 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 392910

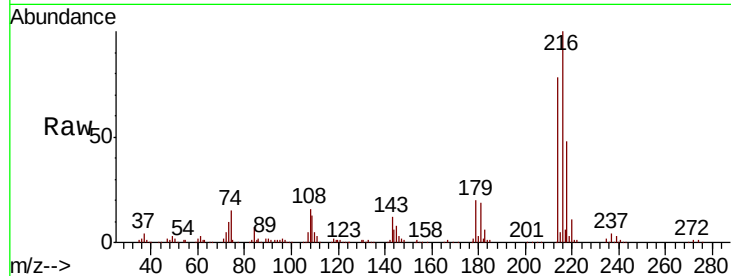
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 20.8 18.1 27.1

108 22.2 17.2 25.8

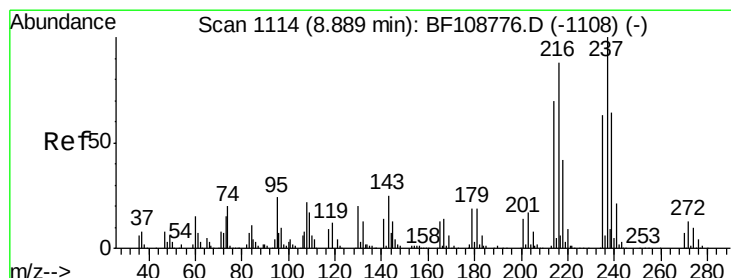
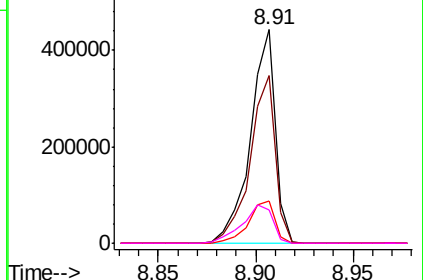
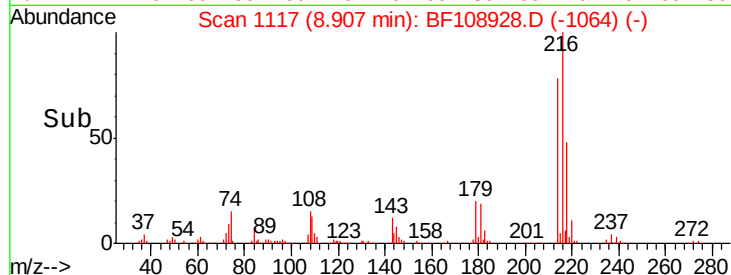


Abundance Ion 216.00 (215.70 to 216.70): E

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: 100.524 ng

RT: 8.90 min Scan# 1115

Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

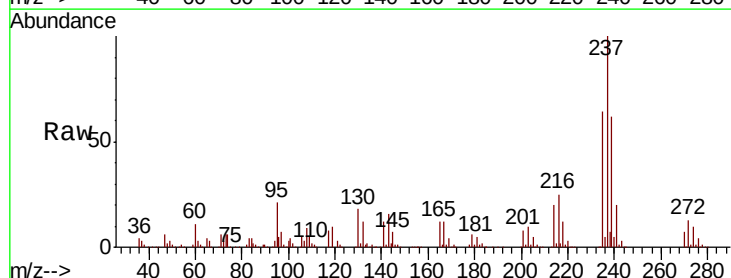
Tgt Ion:237 Resp: 515157

Ion Ratio Lower Upper

237 100

235 63.8 44.8 84.8

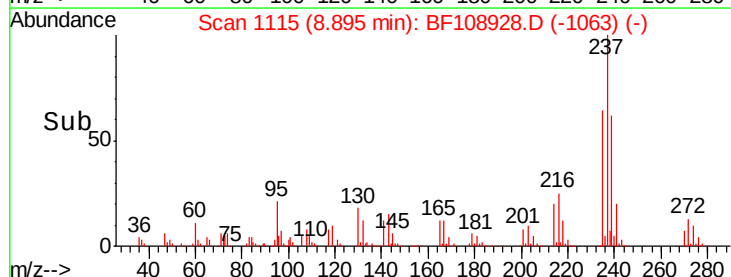
272 13.2 0.0 33.3



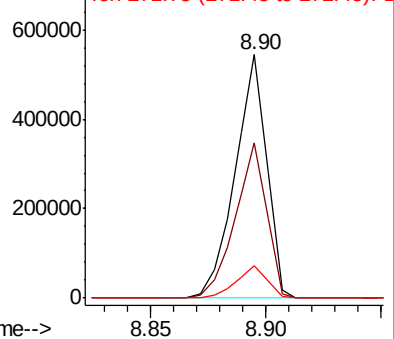
Abundance Ion 236.80 (236.50 to 237.50): E

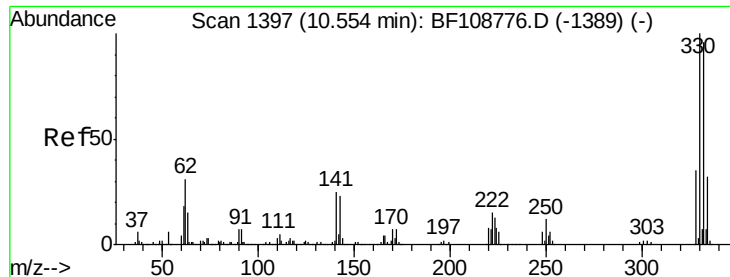
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

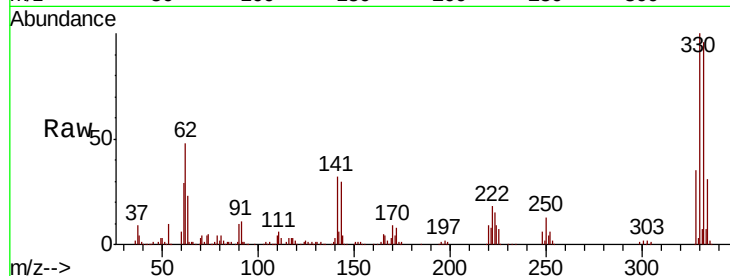




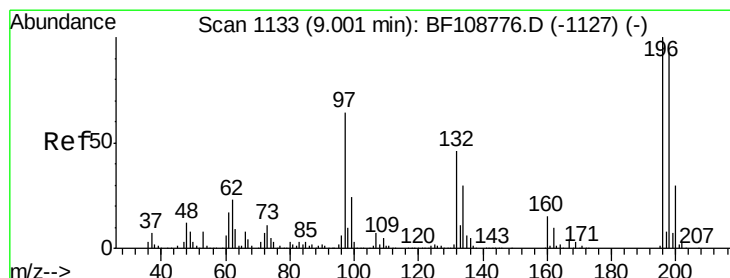
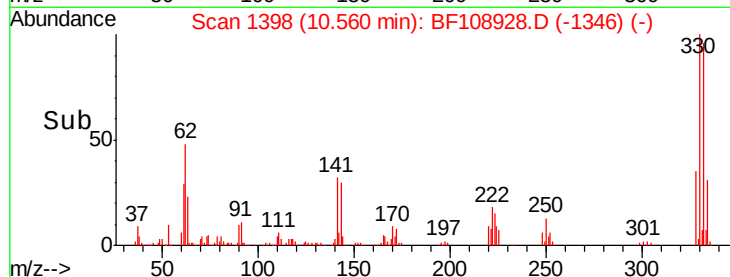
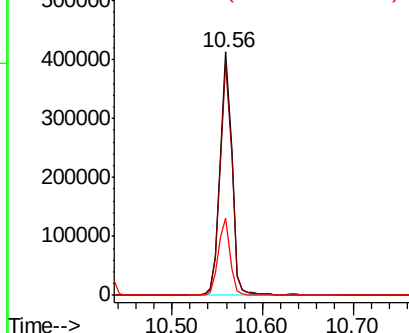
#41
 2,4,6-Tribromophenol
 Concen: 113.512 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	31.8	29.9	44.9

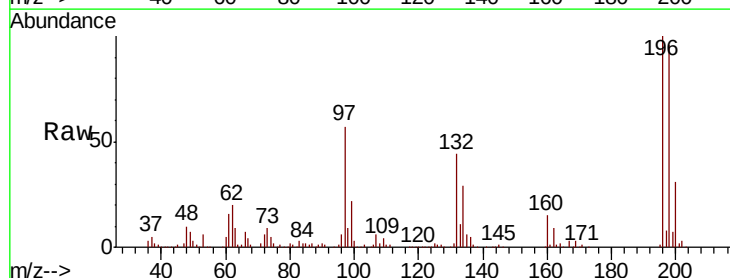


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

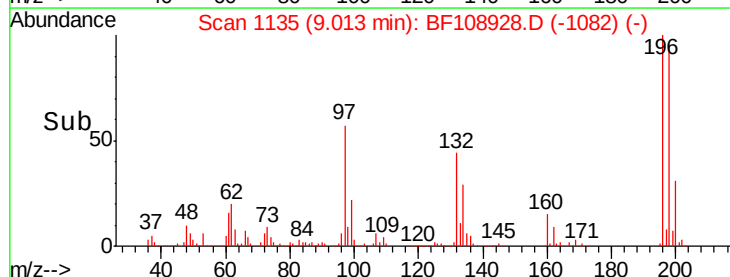
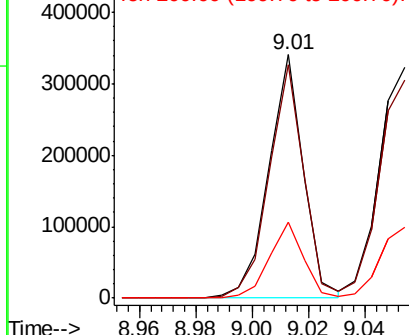


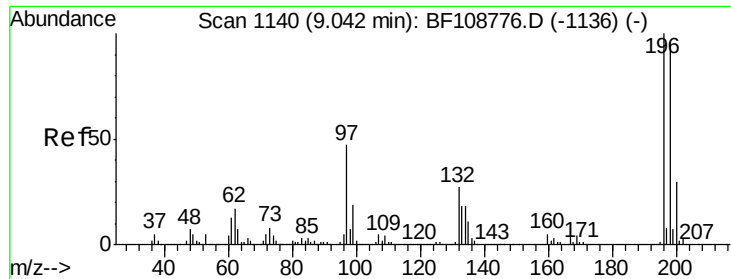
#42
 2,4,6-Trichlorophenol
 Concen: 41.840 ng
 RT: 9.01 min Scan# 1135
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	75.7	113.5
200	31.0	24.5	36.7



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

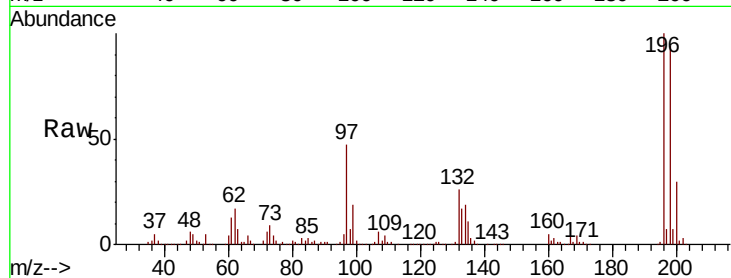




#43
 2,4,5-Trichlorophenol
 Concen: 43.493 ng
 RT: 9.05 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.5	74.6	112.0
97	47.2	42.9	64.3
132	26.1	26.3	39.5



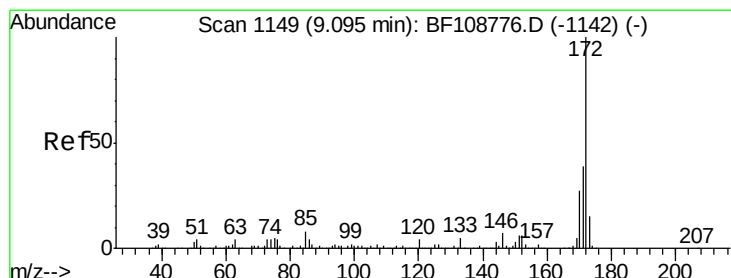
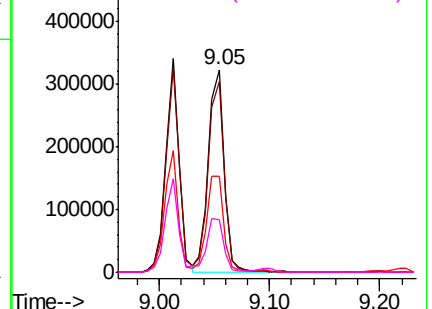
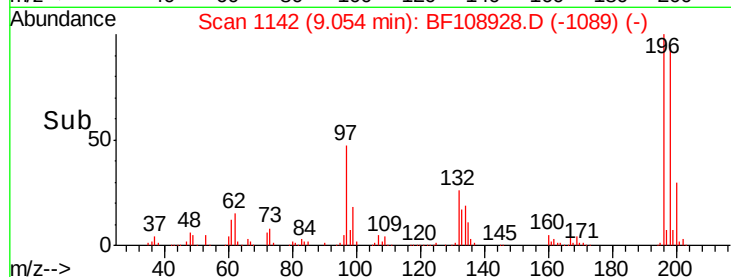
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

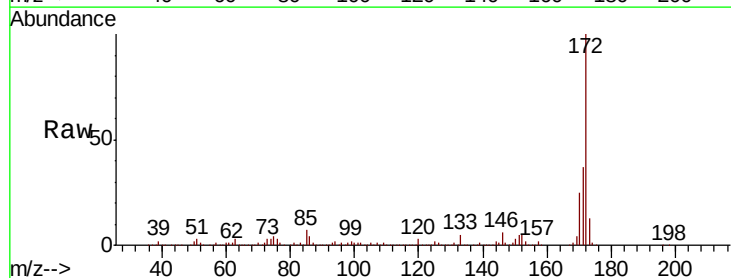
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.588 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.6	19.6	29.4

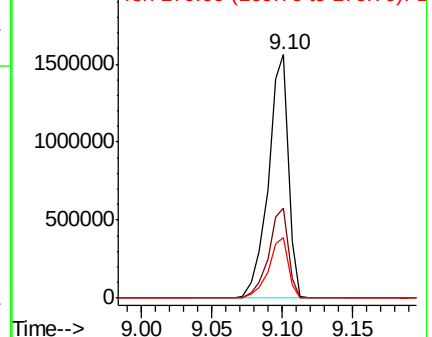
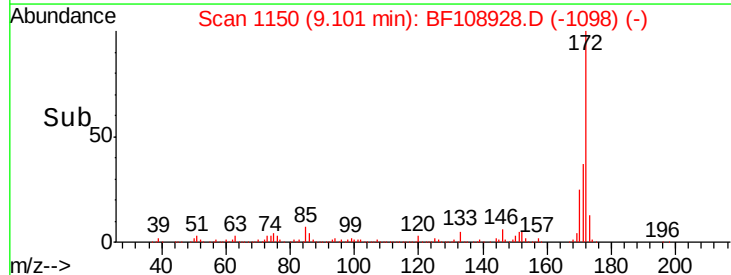


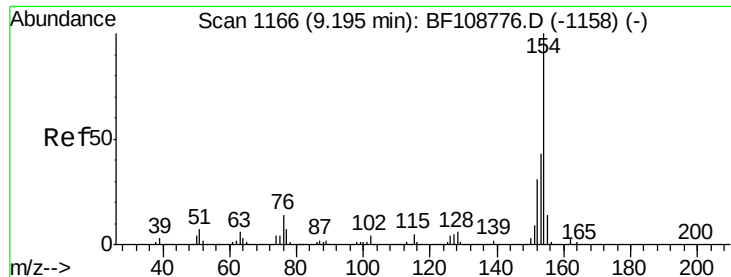
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

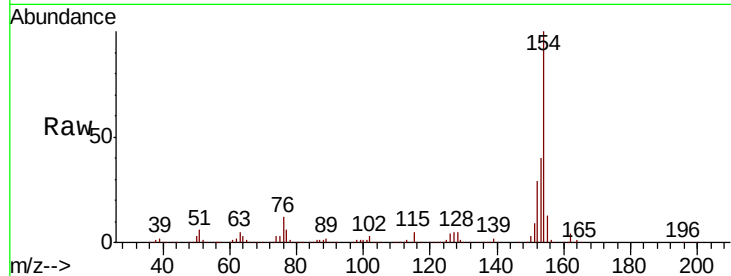




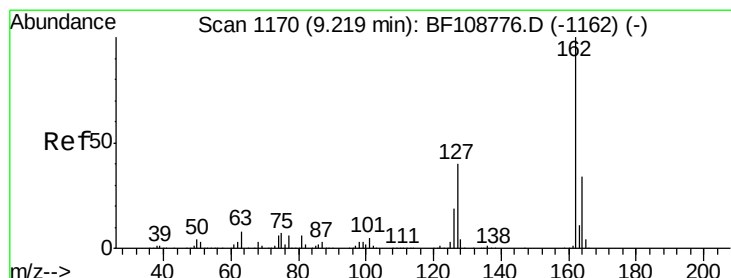
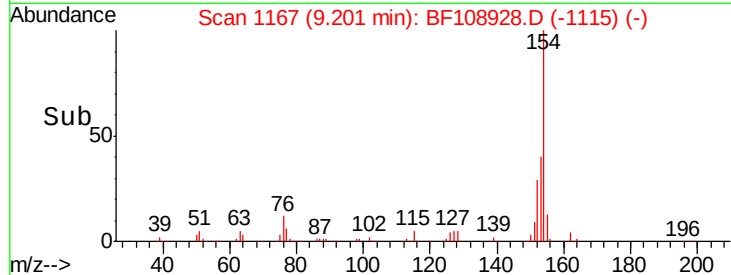
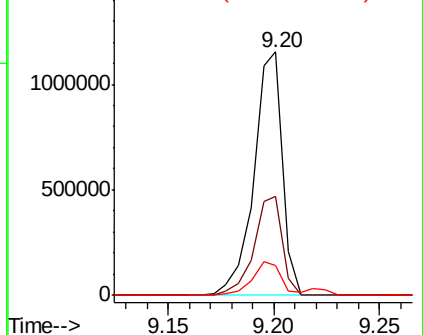
#45
 1,1'-Biphenyl
 Concen: 41.294 ng
 RT: 9.20 min Scan# 1167
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1083351
 Ion Ratio Lower Upper
 154 100
 153 40.5 21.3 61.3
 76 12.3 0.0 34.0

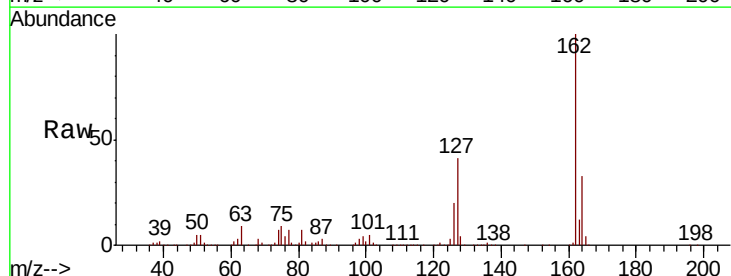


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

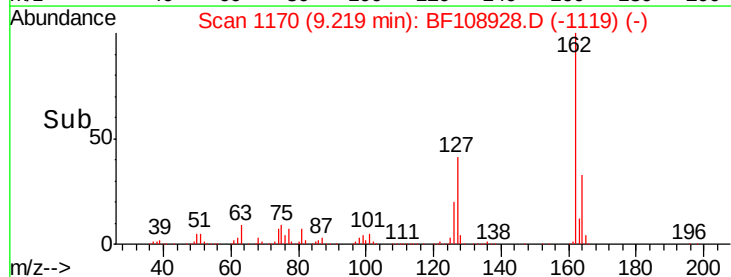
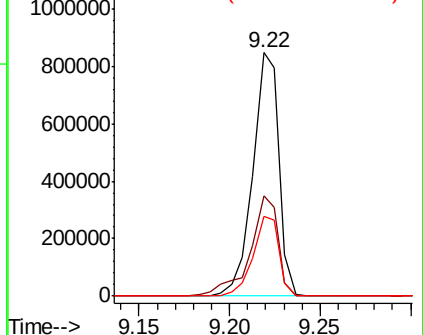


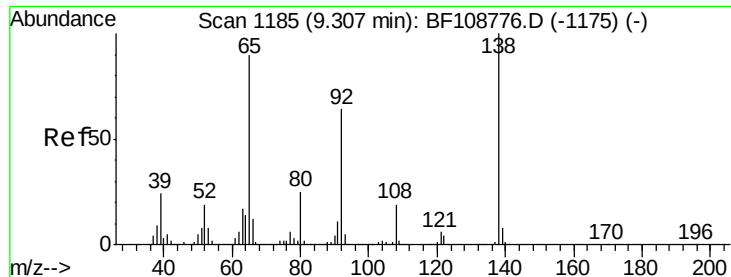
#46
 2-Chloronaphthalene
 Concen: 39.852 ng
 RT: 9.22 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Tgt Ion:162 Resp: 845553
 Ion Ratio Lower Upper
 162 100
 127 41.4 33.9 50.9
 164 32.7 26.5 39.7



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

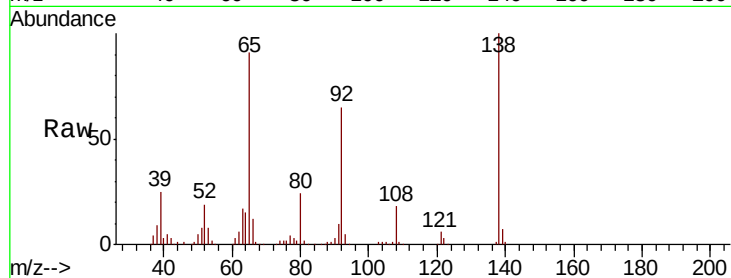




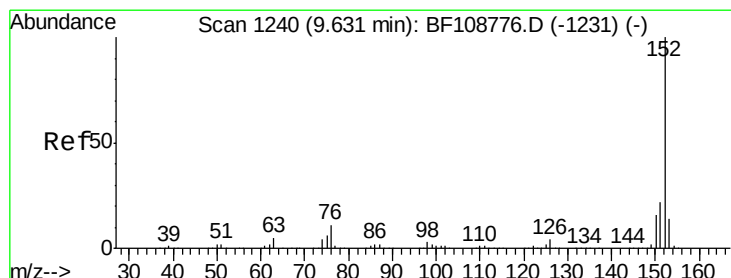
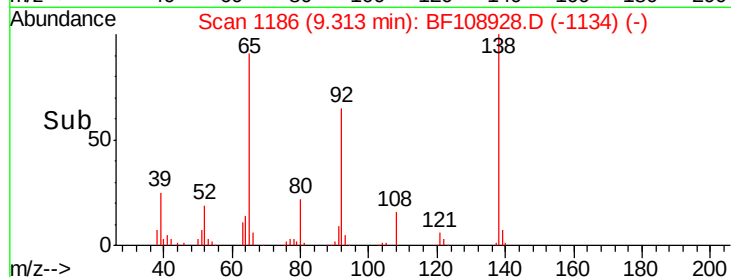
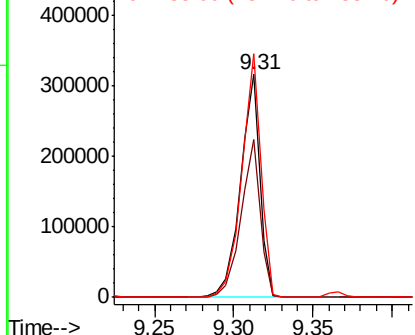
#47
2-Nitroaniline
Concen: 46.288 ng
RT: 9.31 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 268299
Ion Ratio Lower Upper
65 100
92 70.8 55.8 83.6
138 109.4 91.2 136.8

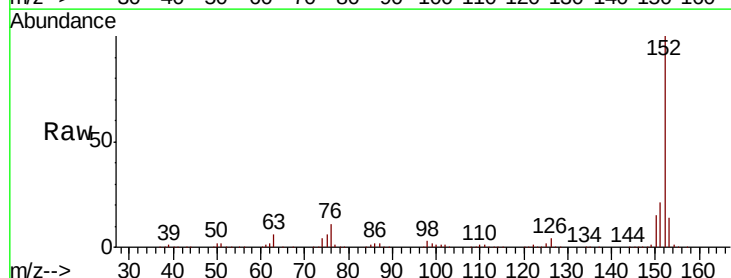


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

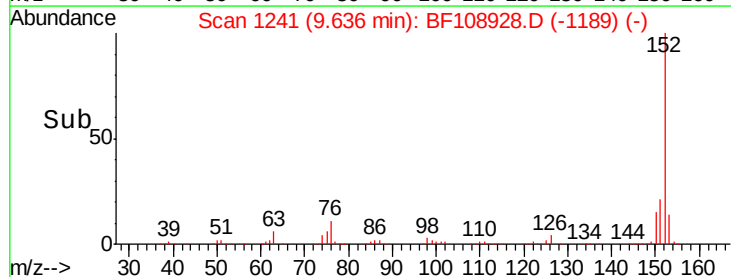
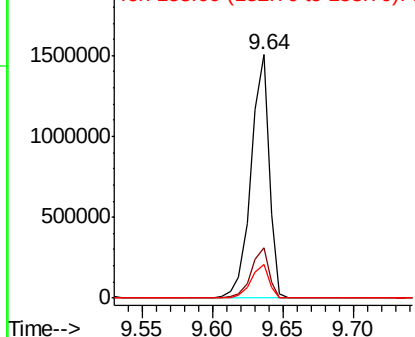


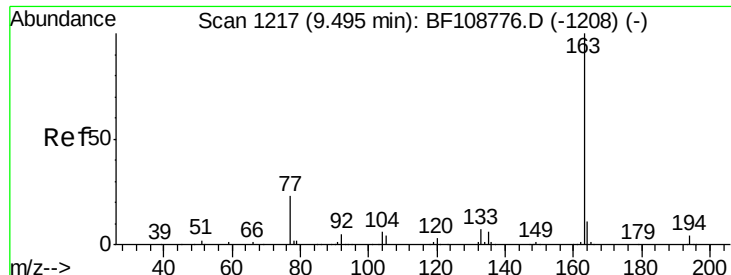
#48
Acenaphthylene
Concen: 43.081 ng
RT: 9.64 min Scan# 1241
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion: 152 Resp: 1362496
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.7 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

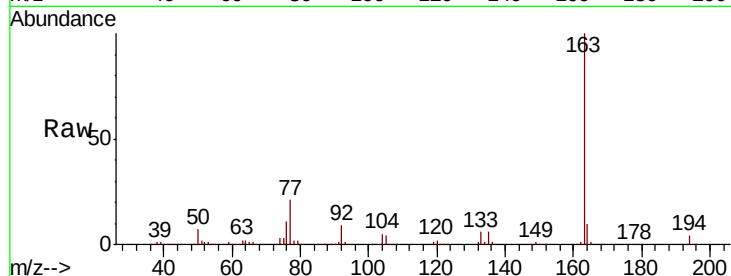




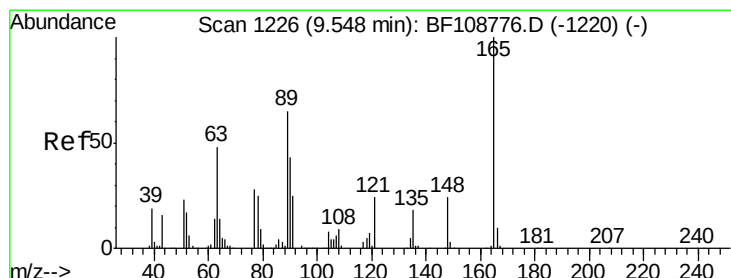
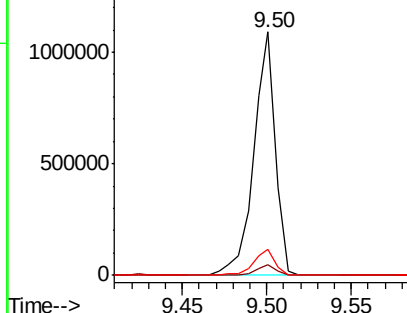
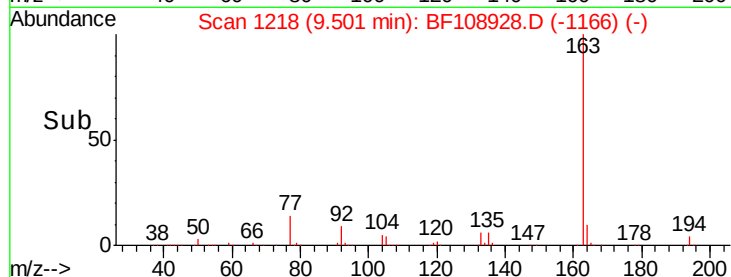
#49
Dimethylphthalate
Concen: 40.818 ng
RT: 9.50 min Scan# 1218
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 972904
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.5 8.2 12.2

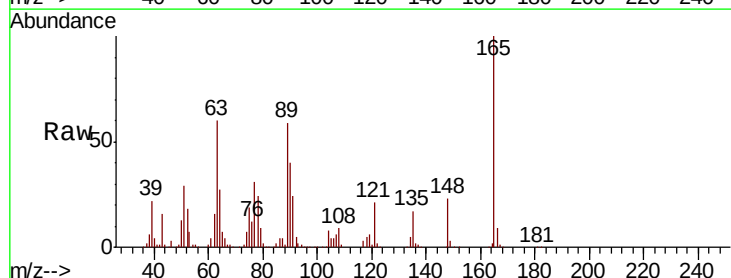


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

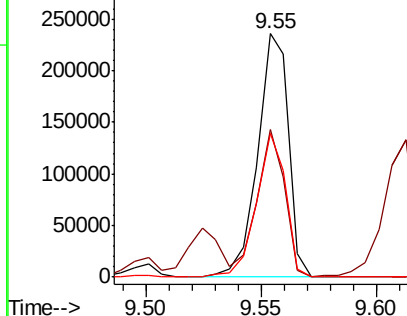
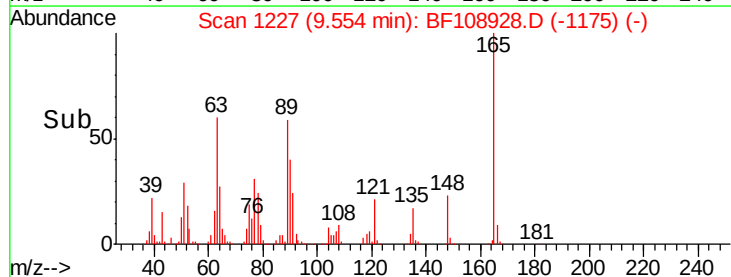


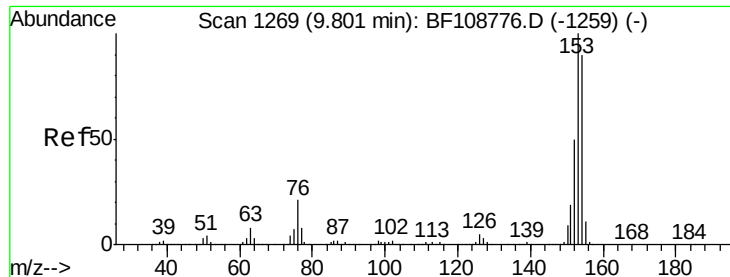
#50
2,6-Dinitrotoluene
Concen: 48.227 ng
RT: 9.55 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion:165 Resp: 219032
Ion Ratio Lower Upper
165 100
63 60.5 44.7 67.1
89 58.8 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: 41.448 ng

RT: 9.81 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Instrument :

BNA_F

ClientSampleId :

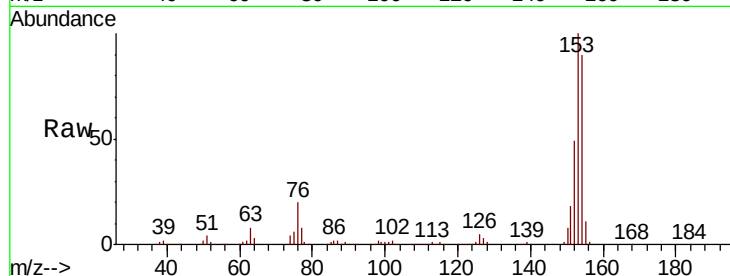
Tot Ion:154 Resp: 811190

Ion Ratio Lower Upper

154 100

153 110.7 91.2 136.8

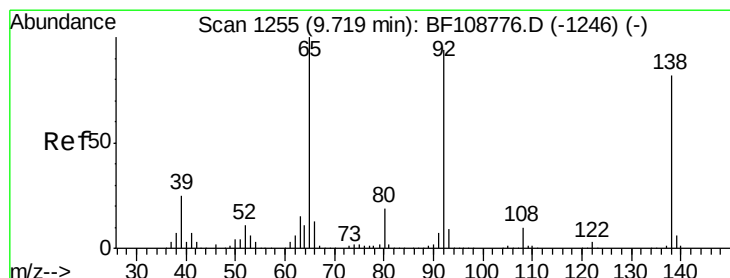
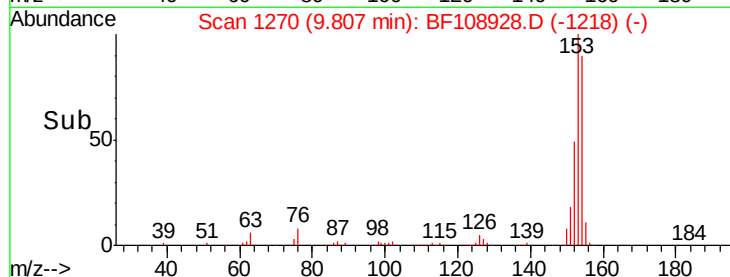
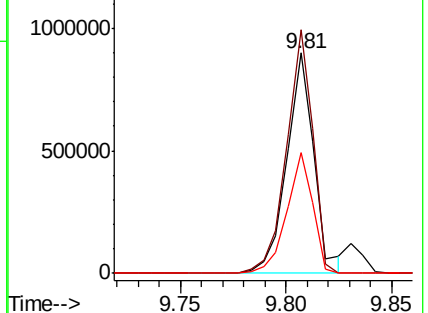
152 54.7 43.8 65.8



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: 33.676 ng

RT: 9.72 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

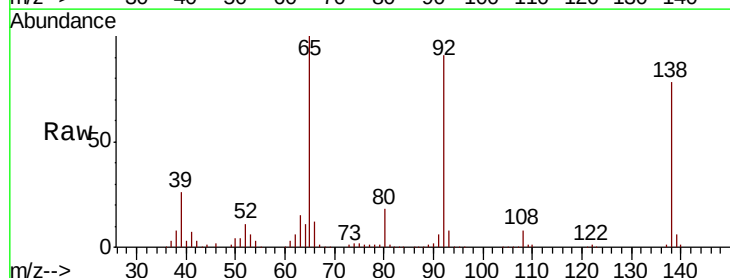
Tgt Ion:138 Resp: 182063

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

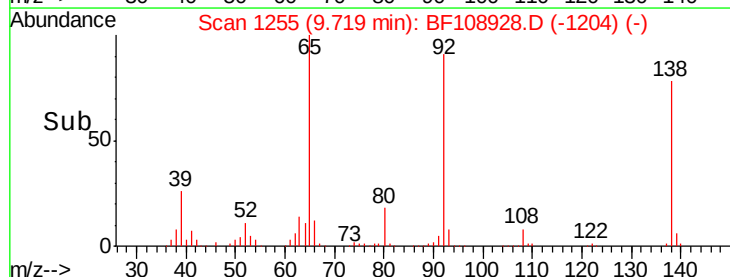
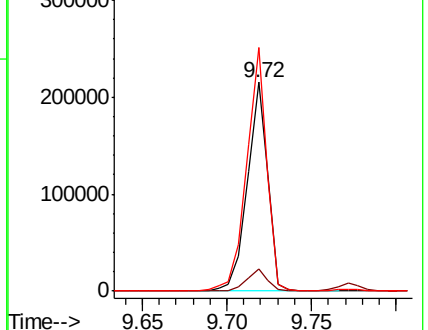
92 116.7 89.4 134.2

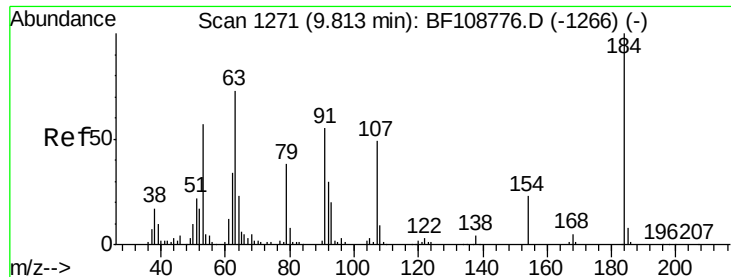


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

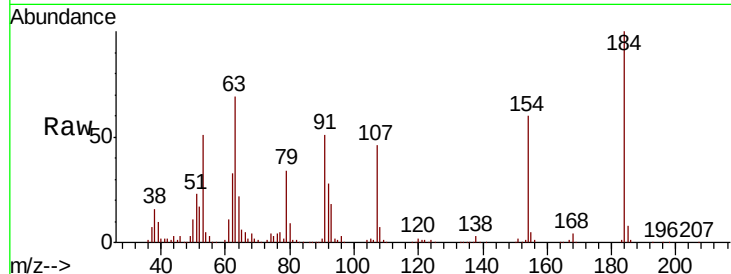




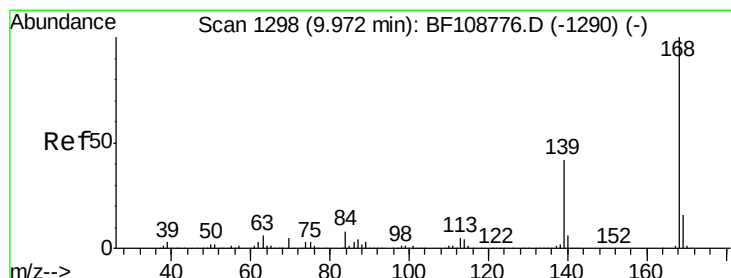
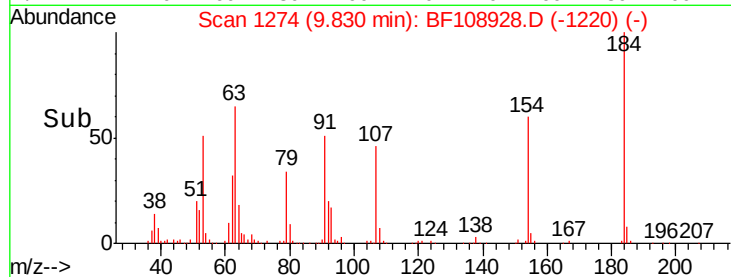
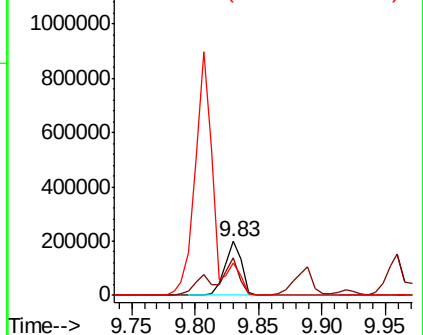
#53
2,4-Dinitrophenol
Concen: 106.213 ng
RT: 9.83 min Scan# 1274
Delta R.T. 0.02 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 182954
Ion Ratio Lower Upper
184 100
63 69.1 54.2 81.2
154 60.0 184.0 276.0#

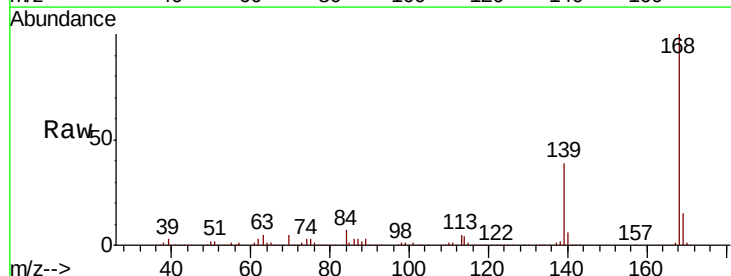


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

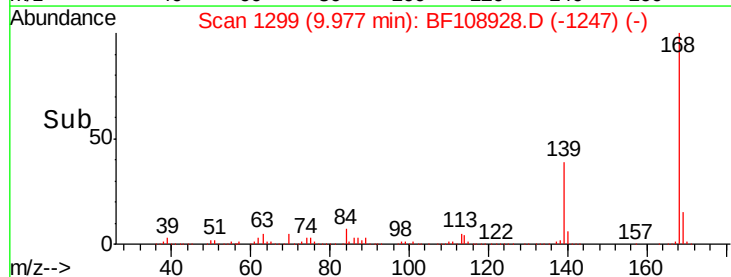
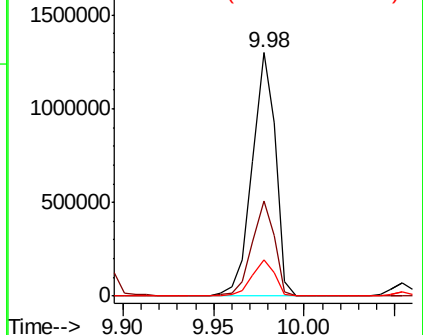


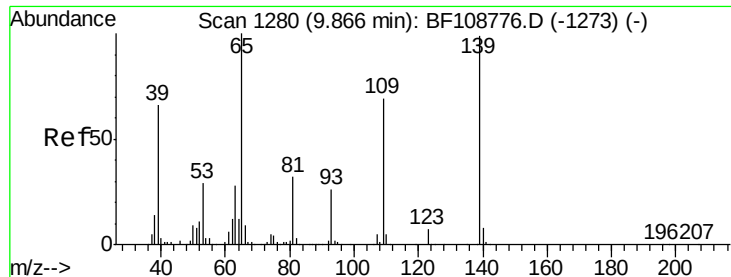
#54
Dibenzofuran
Concen: 40.692 ng
RT: 9.98 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion:168 Resp: 1160889
Ion Ratio Lower Upper
168 100
139 39.2 30.1 45.1
169 14.7 10.9 16.3



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

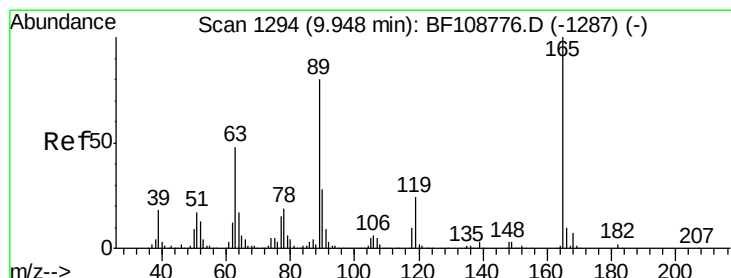
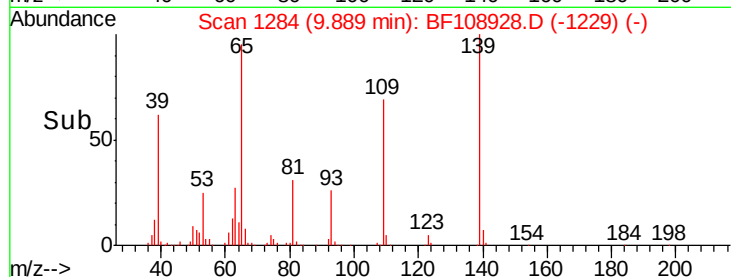
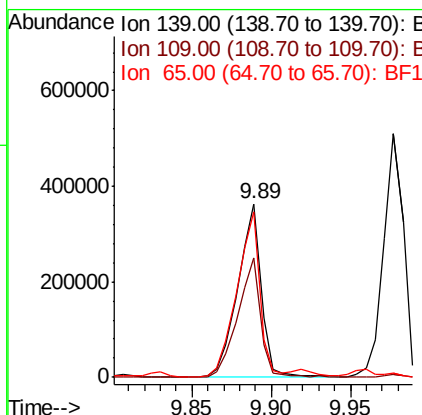
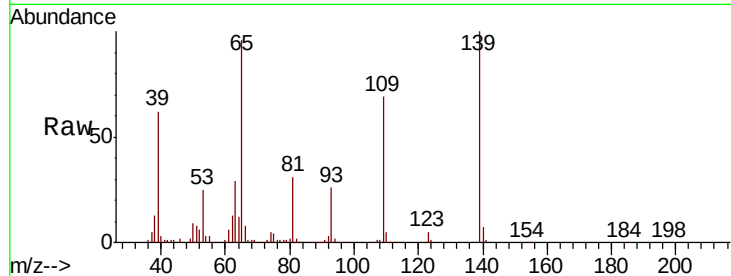




#55
4-Nitrophenol
Concen: 92.059 ng
RT: 9.89 min Scan# 1284
Delta R.T. 0.02 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

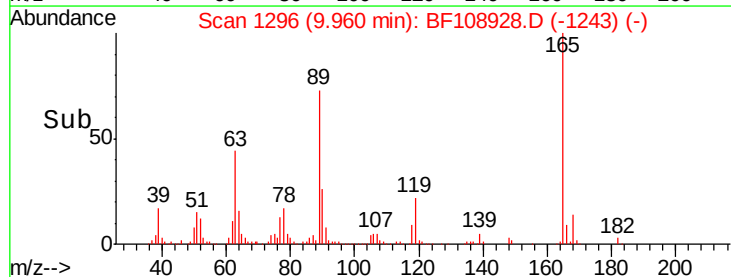
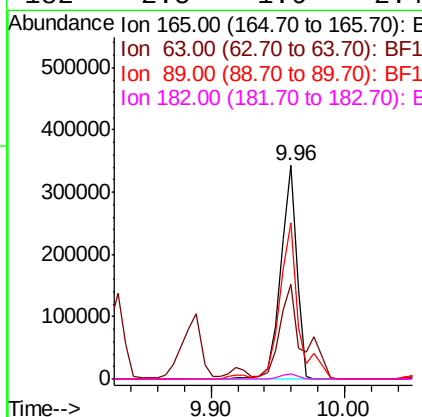
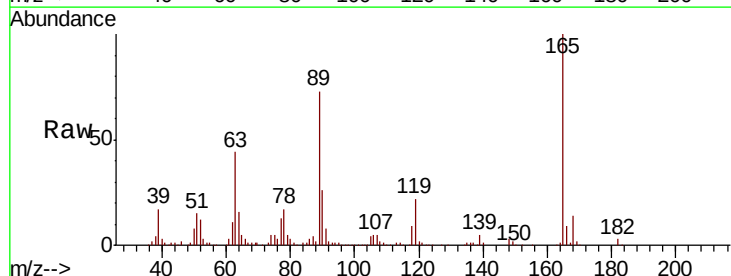
Instrument :
BNA_F
ClientSampleId :

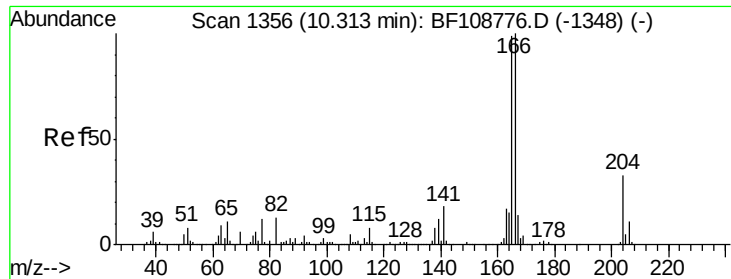
Tot Ion:139 Resp: 372074
Ion Ratio Lower Upper
139 100
109 68.5 48.4 88.4
65 95.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 50.382 ng
RT: 9.96 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion:165 Resp: 292629
Ion Ratio Lower Upper
165 100
63 44.3 36.4 54.6
89 73.3 57.8 86.6
182 2.5 1.6 2.4#

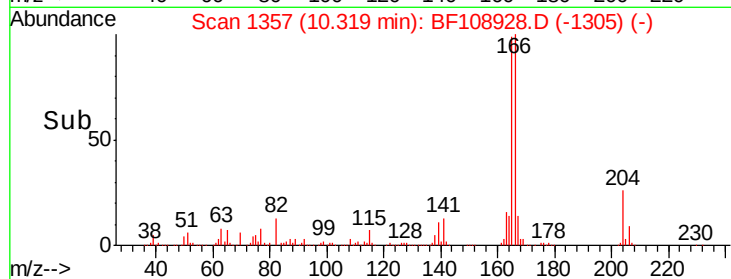
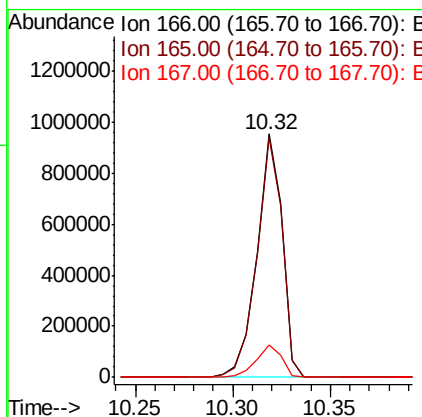
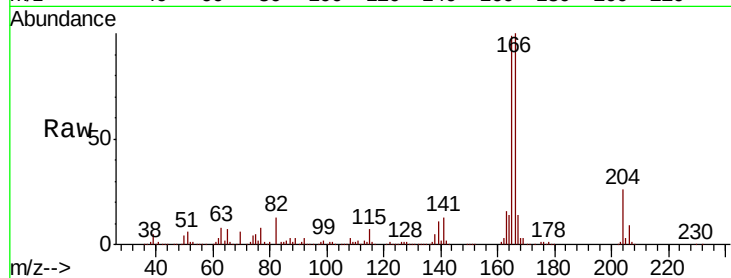




#57
 Fluorene
 Concen: 46.644 ng
 RT: 10.32 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

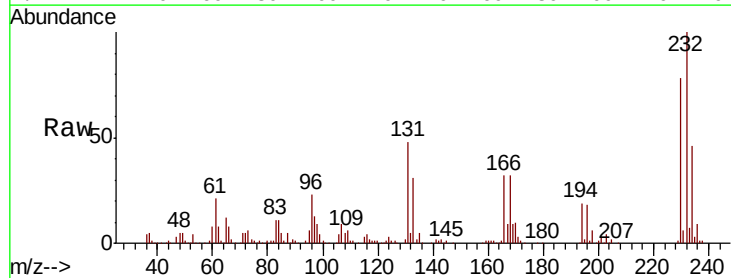
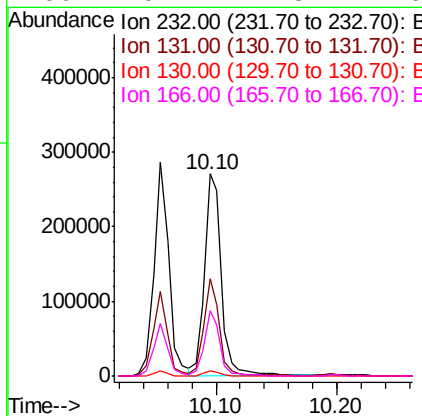
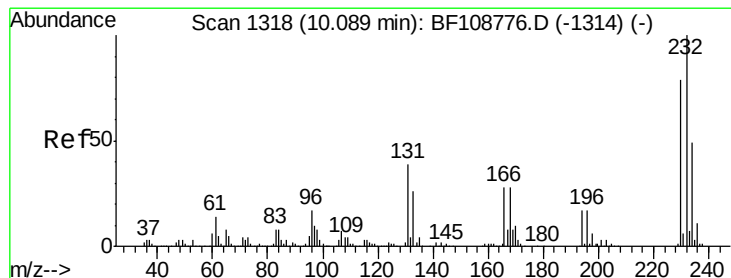
Instrument :
 BNA_F
 ClientSampleId :

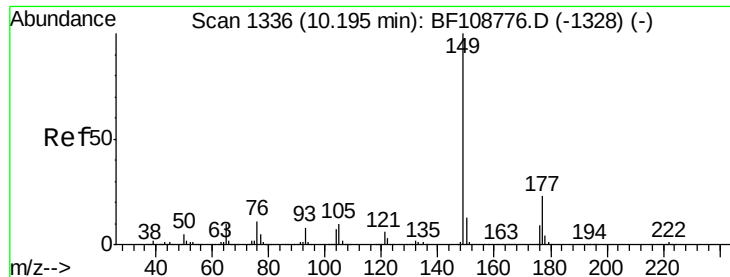
Tot Ion:166 Resp: 853940
 Ion Ratio Lower Upper
 166 100
 165 98.7 79.8 119.8
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.055 ng
 RT: 10.10 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Tgt Ion:232 Resp: 261318
 Ion Ratio Lower Upper
 232 100
 131 44.2 43.8 65.8
 130 2.1 2.1 3.1
 166 29.2 27.8 41.6





#59

Diethylphthalate

Concen: 39.380 ng

RT: 10.20 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Instrument :

BNA_F

ClientSampled :

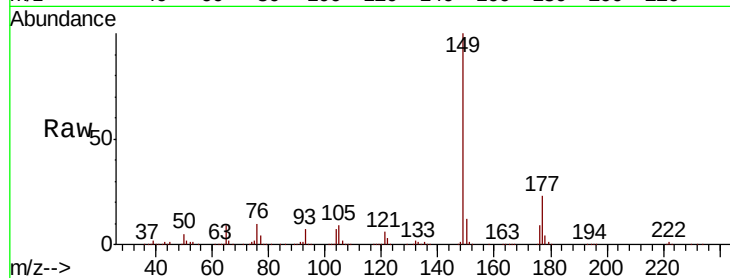
Tot Ion:149 Resp: 968619

Ion Ratio Lower Upper

149 100

177 22.7 16.1 24.1

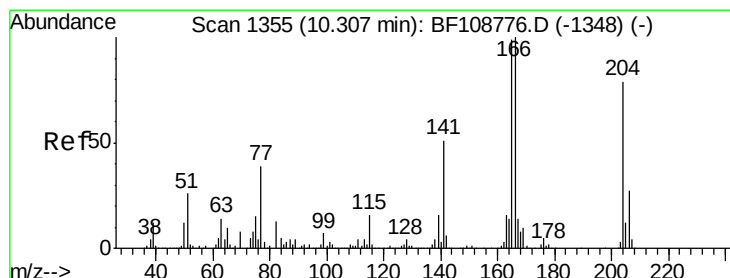
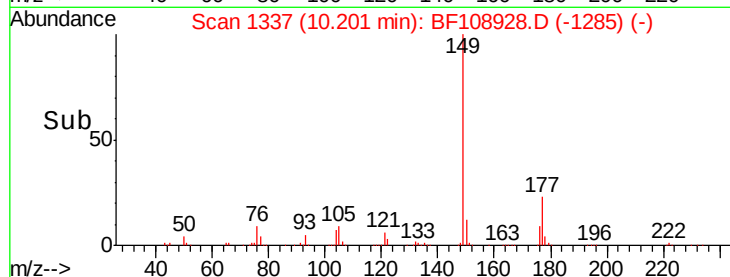
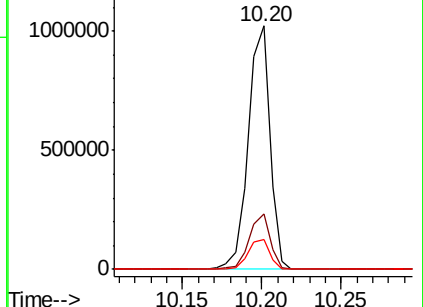
150 12.5 10.1 15.1



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: 41.937 ng

RT: 10.31 min Scan# 1356

Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

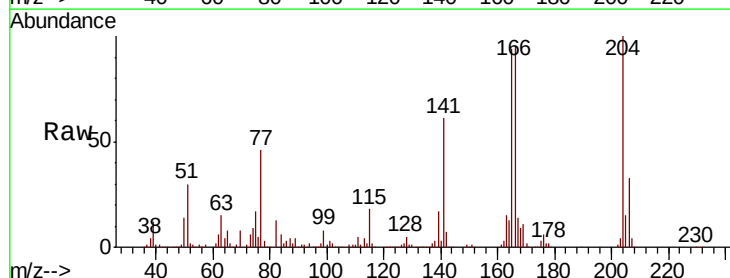
Tgt Ion:204 Resp: 410040

Ion Ratio Lower Upper

204 100

206 33.4 26.5 39.7

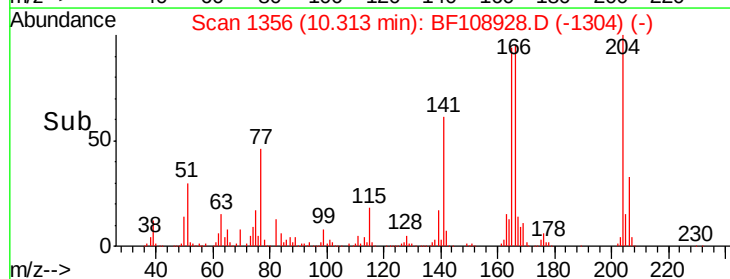
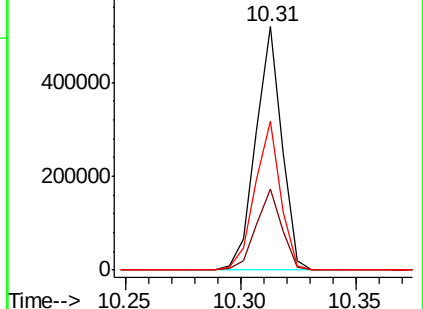
141 61.0 54.6 81.8

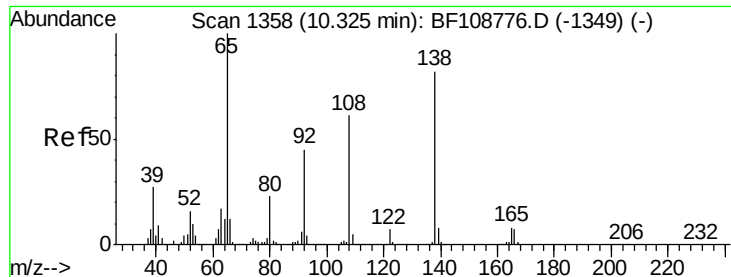


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

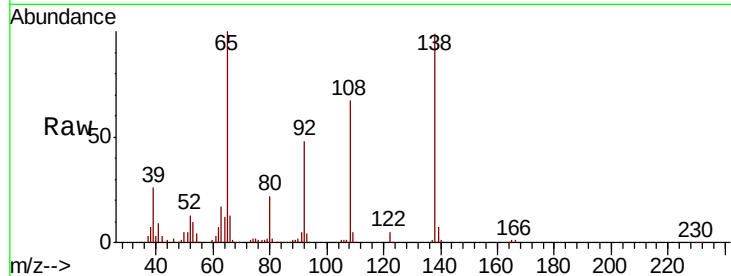




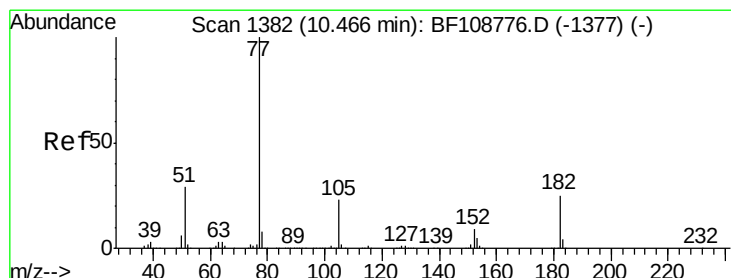
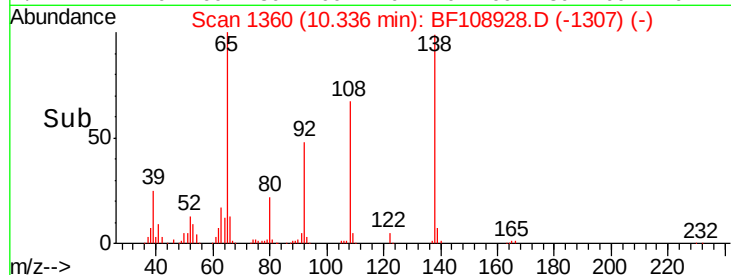
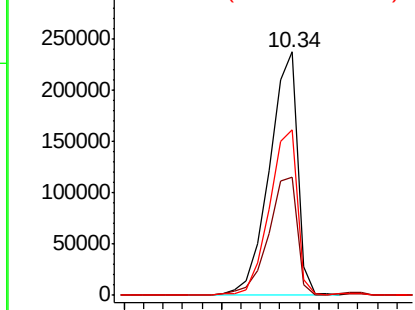
#61
4-Nitroaniline
Concen: 48.471 ng
RT: 10.34 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 237395
Ion Ratio Lower Upper
138 100
92 48.6 30.2 70.2
108 68.0 52.5 92.5

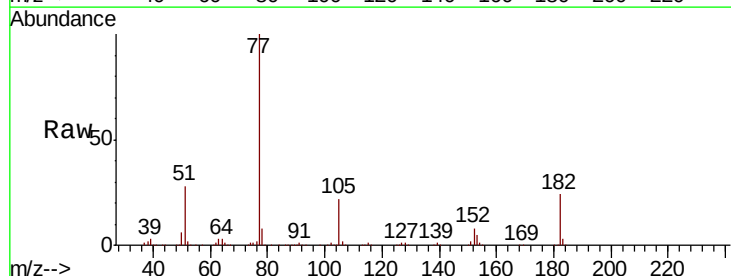


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

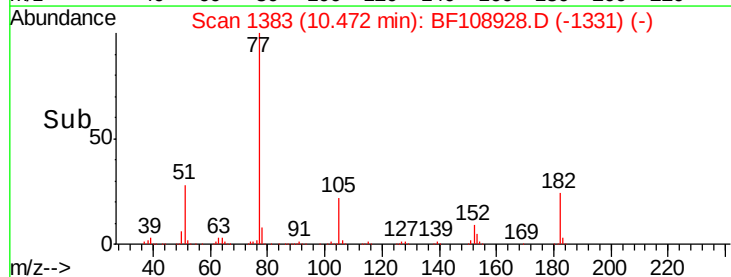
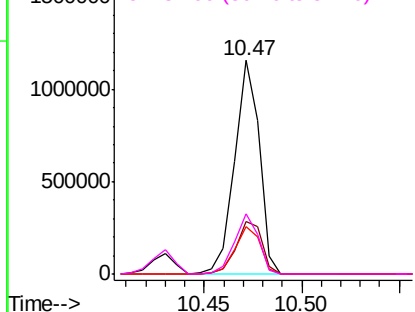


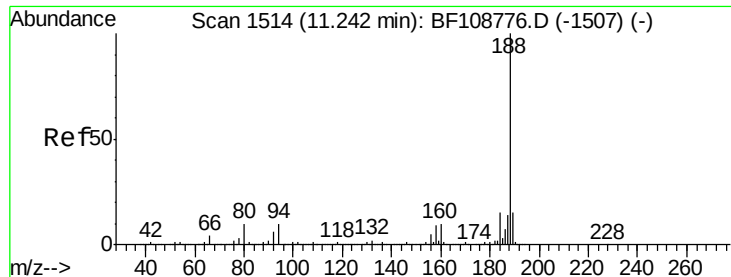
#62
Azobenzene
Concen: 39.922 ng
RT: 10.47 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion: 77 Resp: 1013605
Ion Ratio Lower Upper
77 100
182 24.4 1.7 41.7
105 22.4 3.0 43.0
51 28.4 9.9 49.9



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

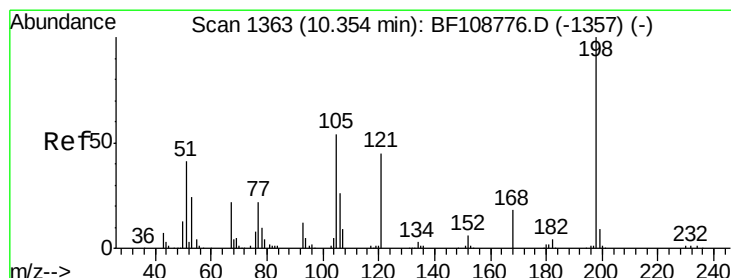
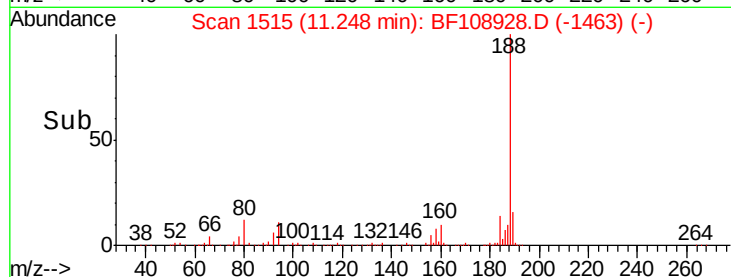
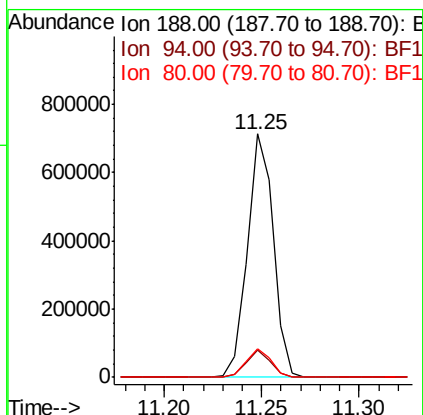
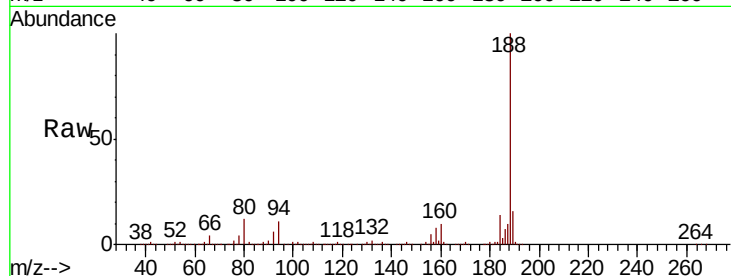




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

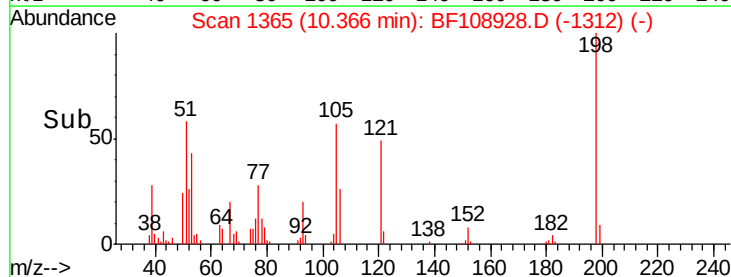
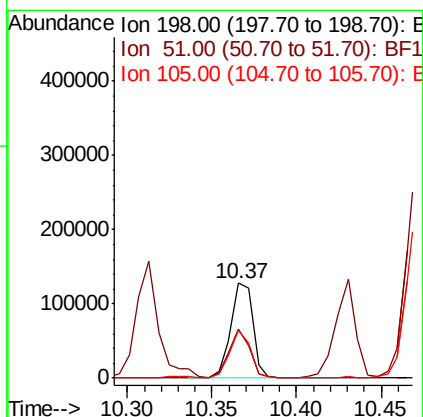
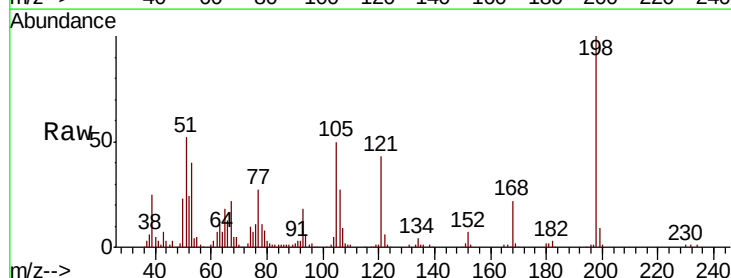
Instrument :
BNA_F
ClientSampled :

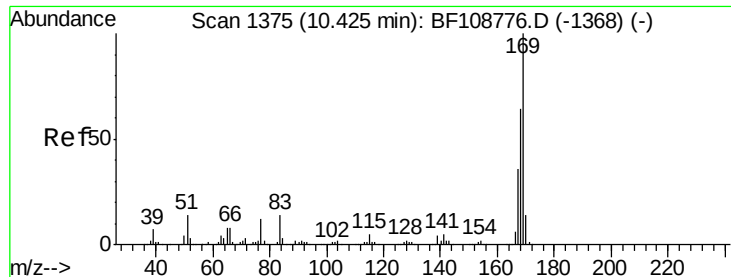
Tot Ion:188 Resp: 655230
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 45.926 ng
RT: 10.37 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion:198 Resp: 117445
Ion Ratio Lower Upper
198 100
51 51.6 37.7 77.7
105 50.3 36.3 76.3

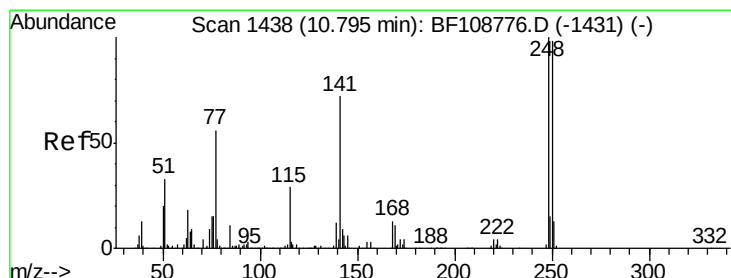
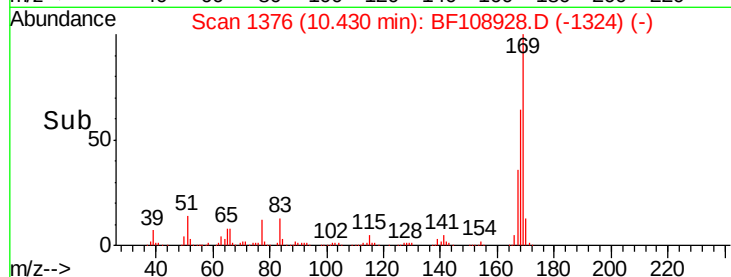
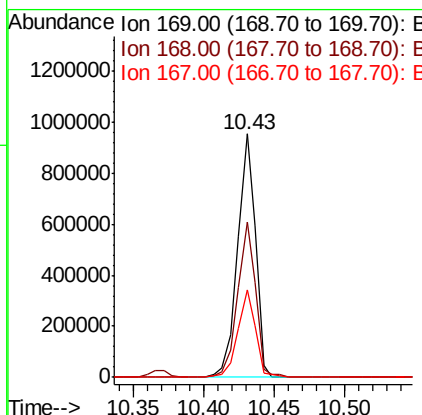
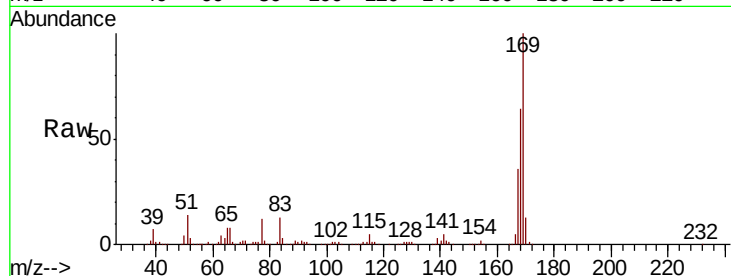




#65
 n-Nitrosodiphenylamine
 Concen: 38.324 ng
 RT: 10.43 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

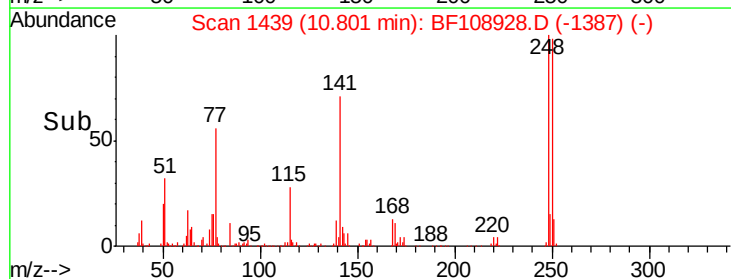
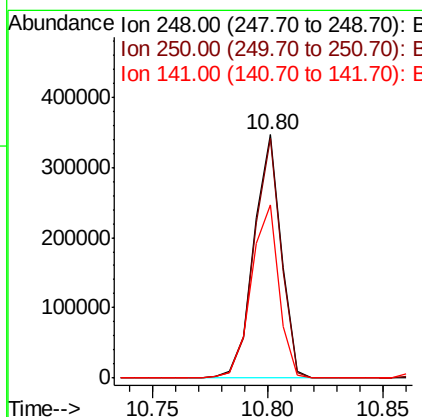
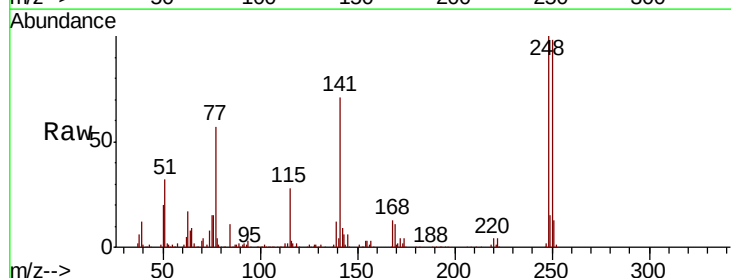
Instrument :
 BNA_F
 ClientSampleId :

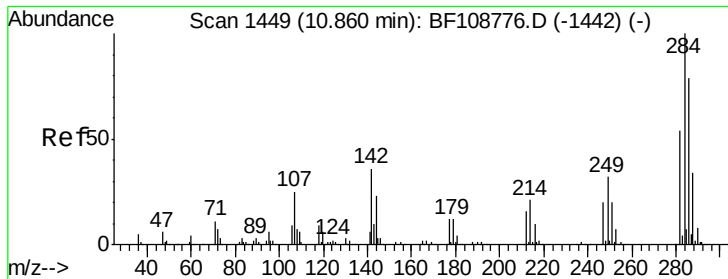
Tot Ion	169	Resp	834896
Ion Ratio	100		
Lower	54.4		
Upper	81.6		
168	64.0		
167	35.9		



#66
 4-Bromophenyl-phenylether
 Concen: 38.781 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Tgt Ion	248	Resp	287000
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>76.9</td> <td></td> <td></td>	76.9		
Upper <td>115.3</td> <td></td> <td></td>	115.3		
250	98.3		
141	71.3		





#67

Hexachlorobenzene

Concen: 38.119 ng

RT: 10.87 min Scan# 1451

Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Instrument :

BNA_F

ClientSampleId :

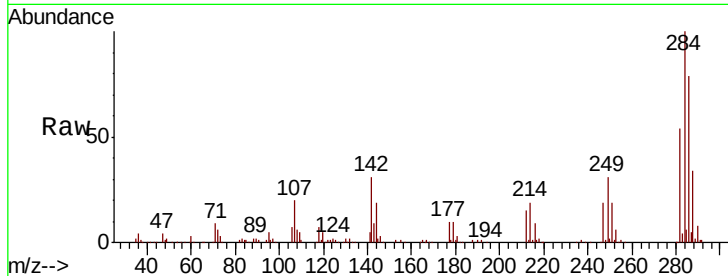
Tot Ion:284 Resp: 301142

Ion Ratio Lower Upper

284 100

142 31.2 34.6 52.0#

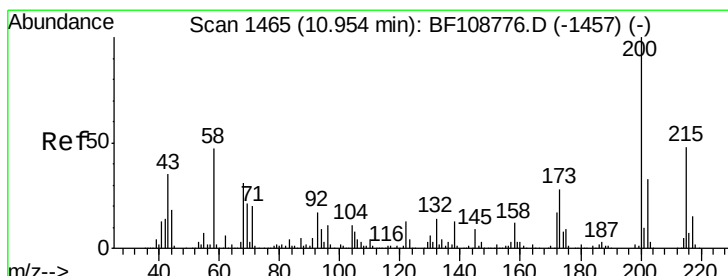
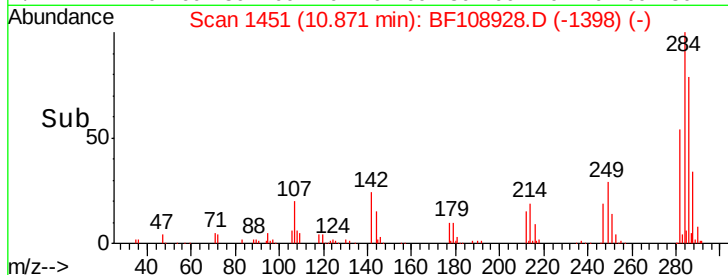
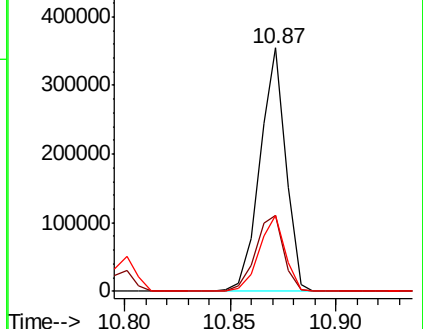
249 31.0 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.445 ng

RT: 10.96 min Scan# 1466

Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

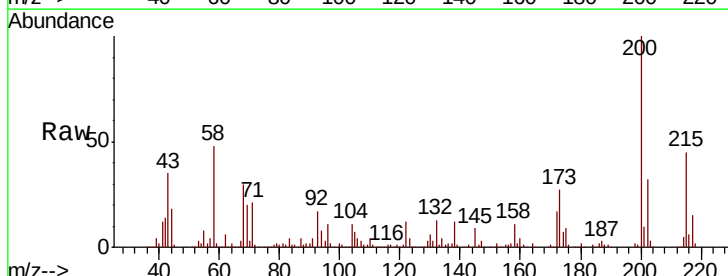
Tgt Ion:200 Resp: 275090

Ion Ratio Lower Upper

200 100

173 27.0 8.6 48.6

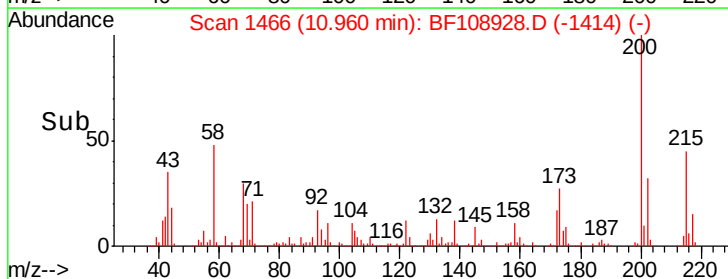
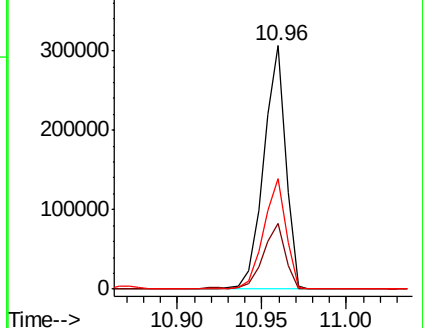
215 45.3 25.1 65.1

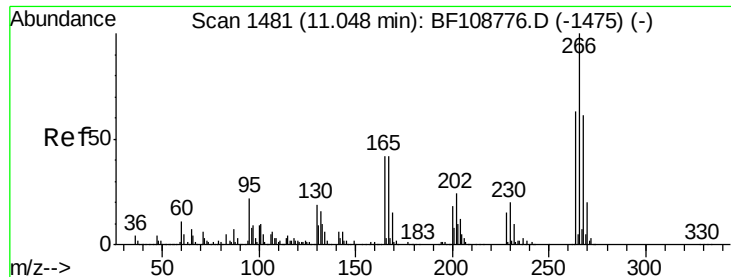


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

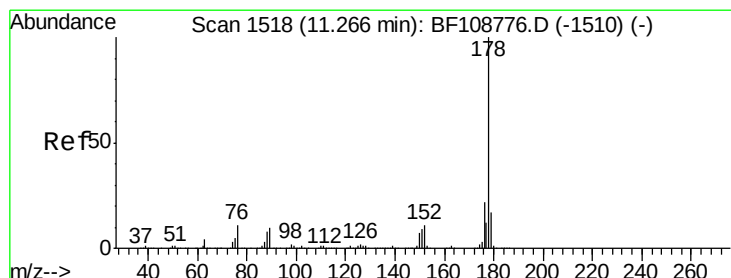
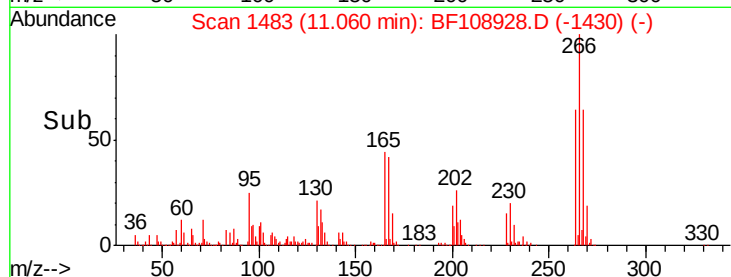
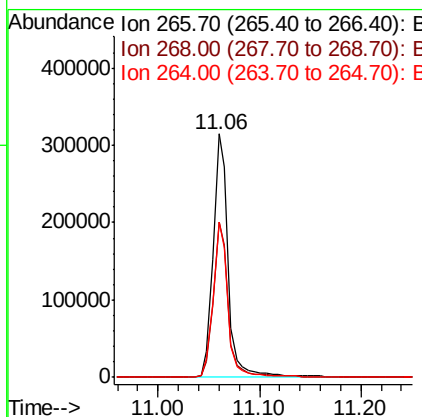
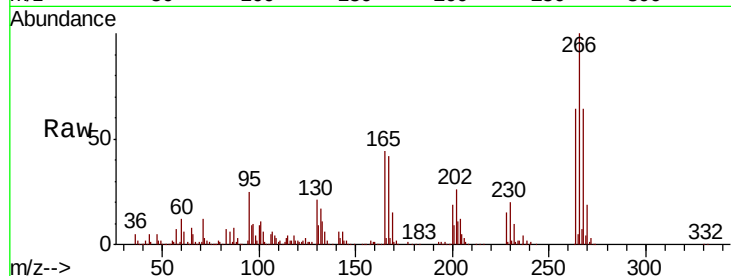




#69
 Pentachlorophenol
 Concen: 67.833 ng
 RT: 11.06 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

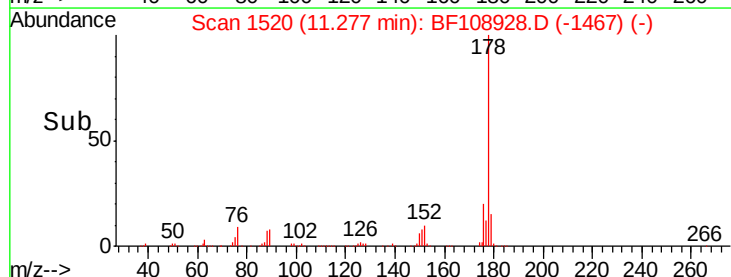
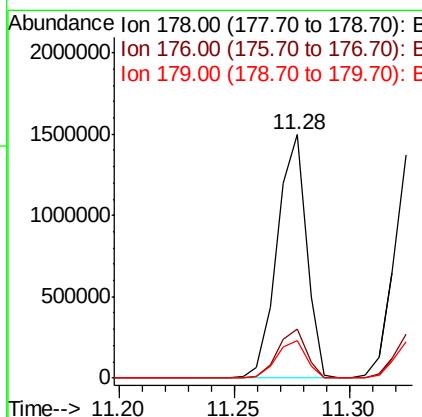
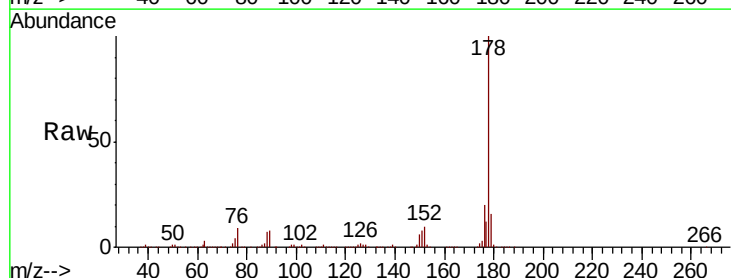
Instrument :
 BNA_F
 ClientSampled :

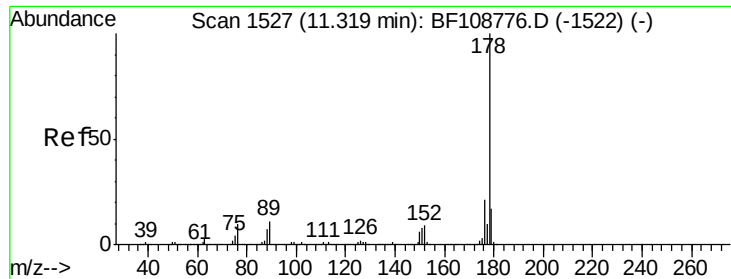
Tot Ion:266 Resp: 327627
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.1 76.7
 264 63.6 49.5 74.3



#70
 Phenanthrene
 Concen: 42.045 ng
 RT: 11.28 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Tgt Ion:178 Resp: 1315603
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.5 13.0 19.6

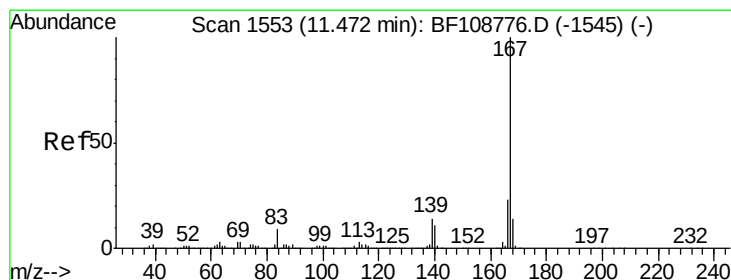
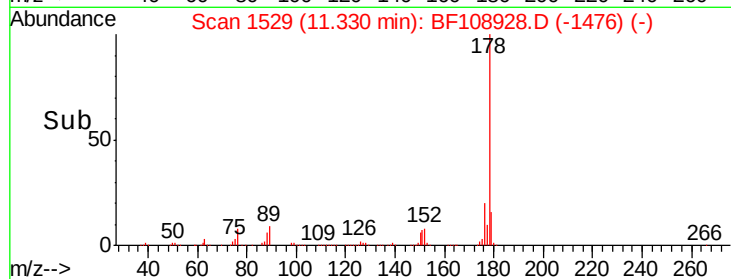
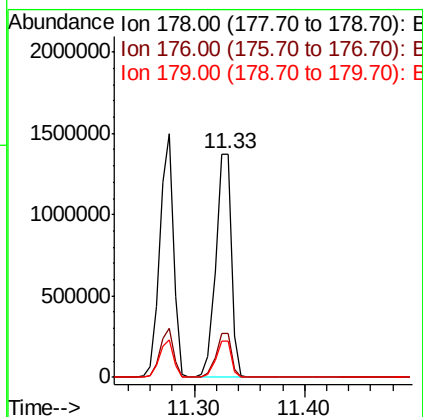
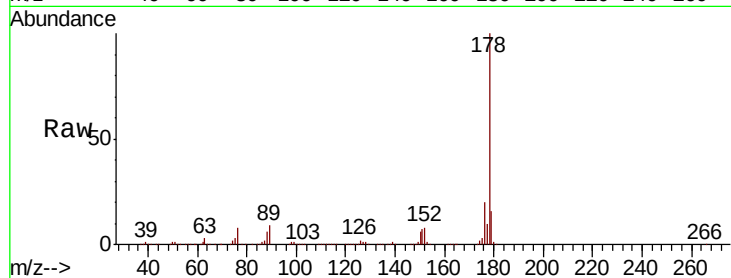




#71
 Anthracene
 Concen: 45.044 ng
 RT: 11.33 min Scan# 1529
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

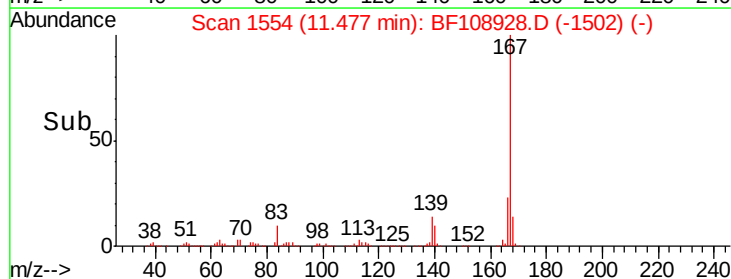
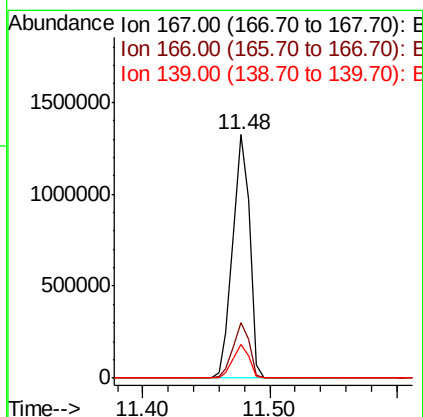
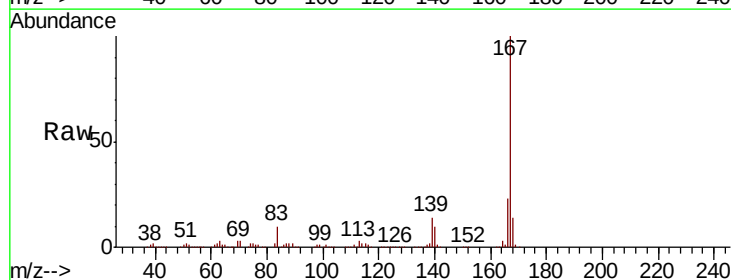
Instrument :
 BNA_F
 ClientSampleId :

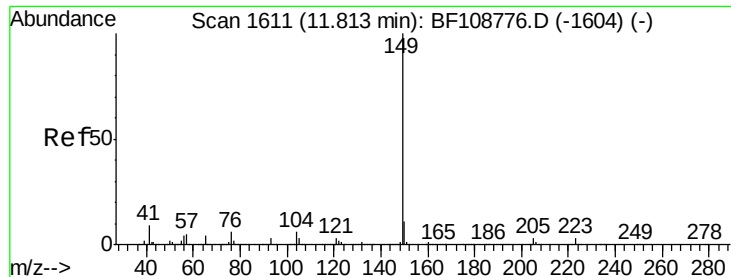
Tot Ion:178 Resp: 1349453
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 16.0 12.6 19.0



#72
 Carbazole
 Concen: 38.465 ng
 RT: 11.48 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Tgt Ion:167 Resp: 1213595
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 42.403 ng

RT: 11.82 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Instrument :

BNA_F

ClientSampleId :

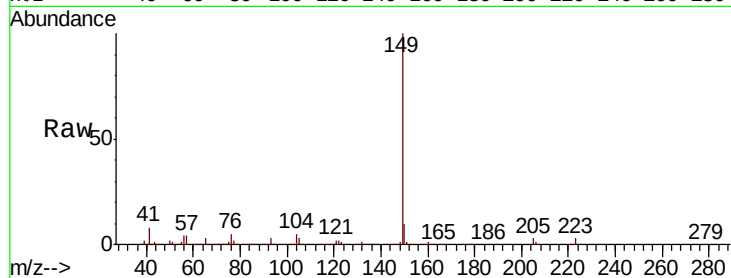
Tot Ion:149 Resp: 1485650

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

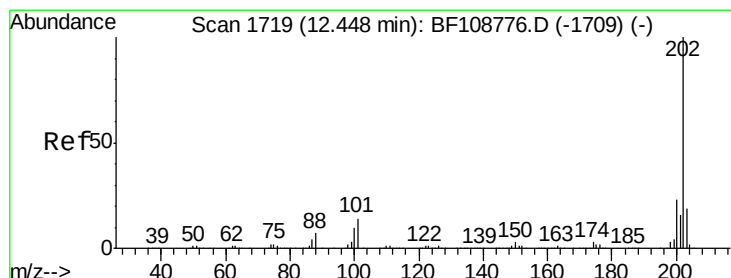
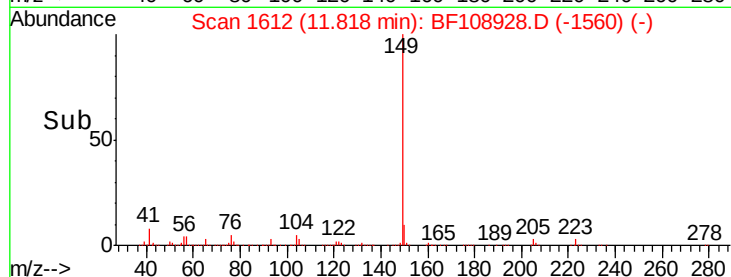
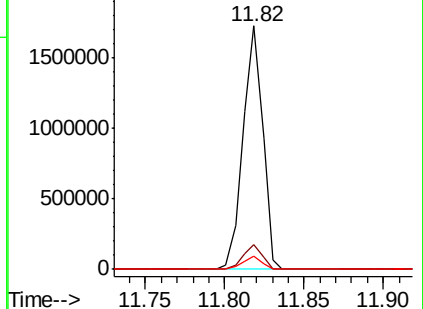
104 5.4 3.8 5.8



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: 43.933 ng

RT: 12.46 min Scan# 1721

Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

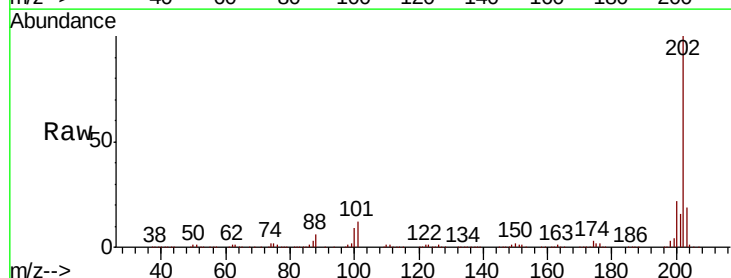
Tgt Ion:202 Resp: 1361055

Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.1

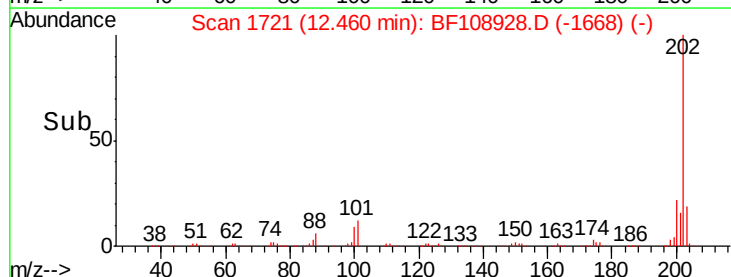
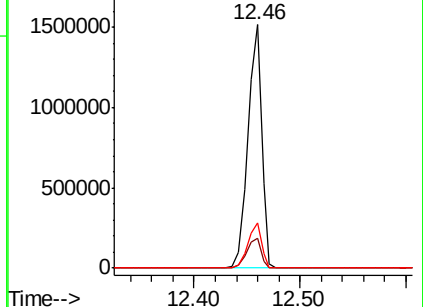
203 18.7 0.0 38.1

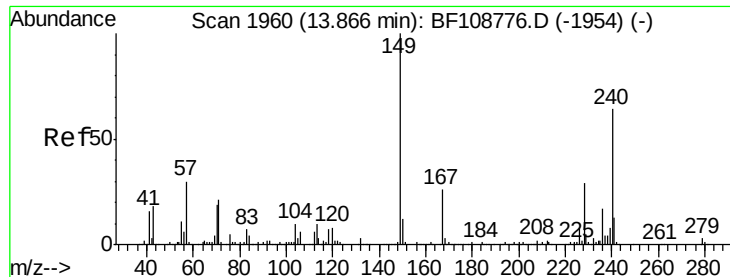


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.88 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Instrument :

BNA_F

ClientSampleId :

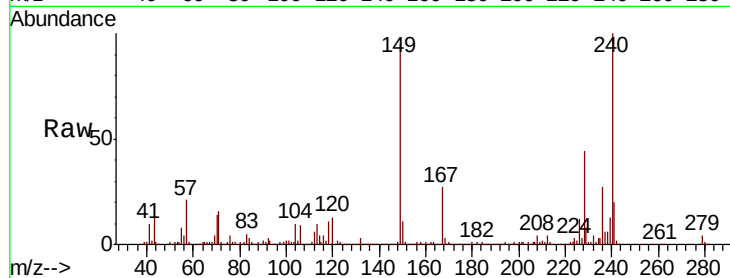
Tot Ion:240 Resp: 422942

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

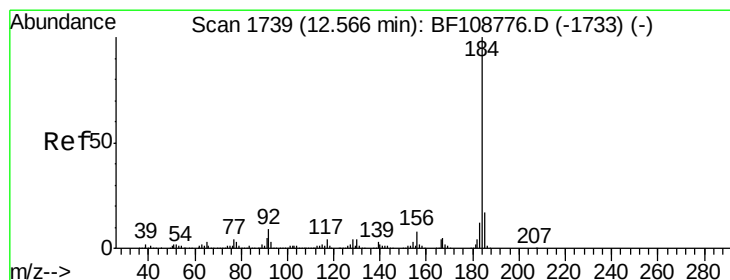
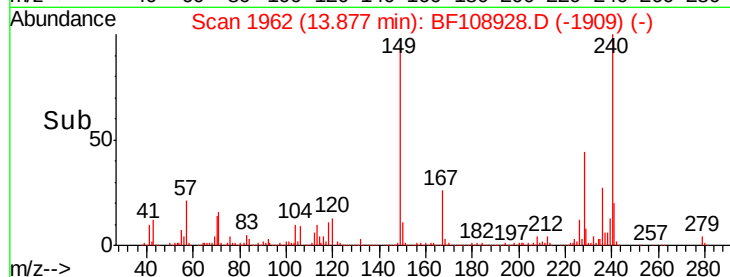
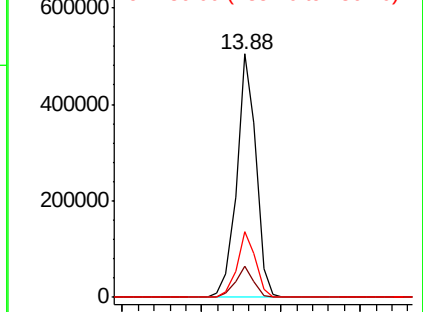
236 27.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.036 ng

RT: 12.58 min Scan# 1741

Delta R.T. 0.01 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

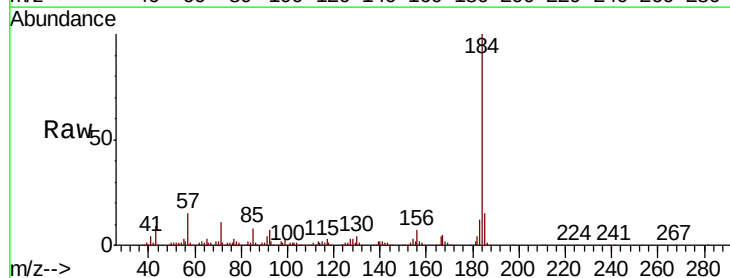
Tgt Ion:184 Resp: 642178

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

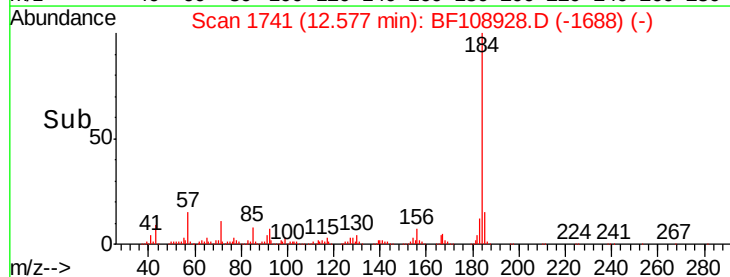
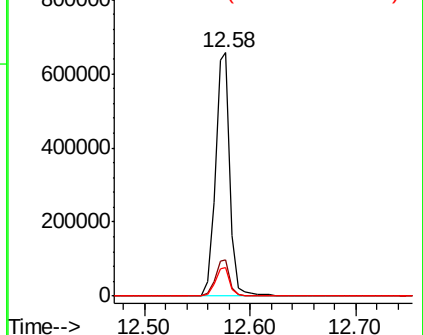
183 12.0 9.3 13.9

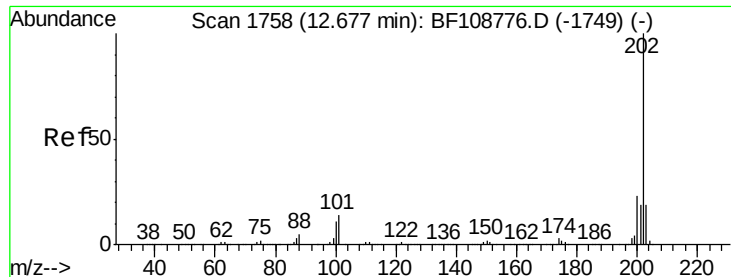


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

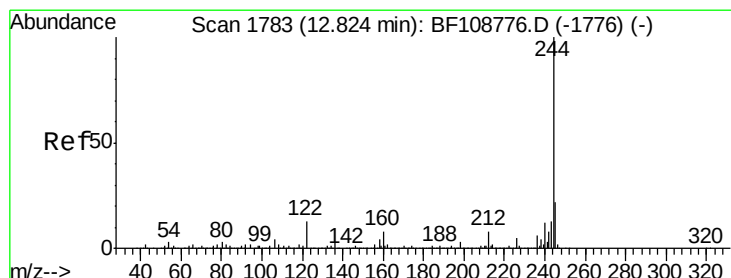
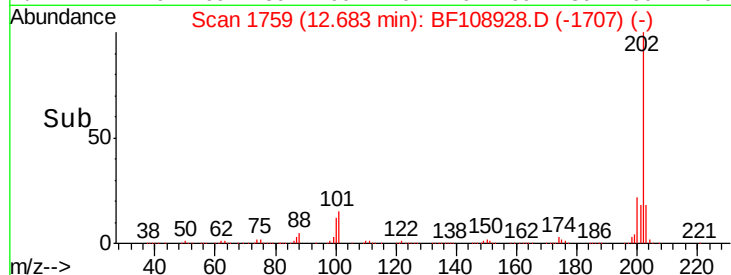
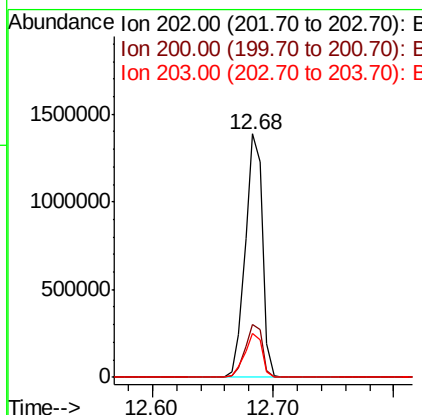
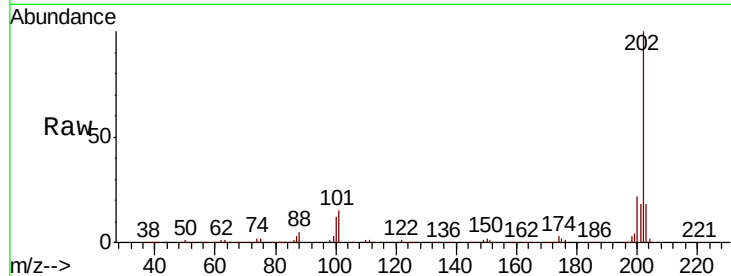




#77
Pvrene
Concen: 42.108 ng
RT: 12.68 min Scan# 1759
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

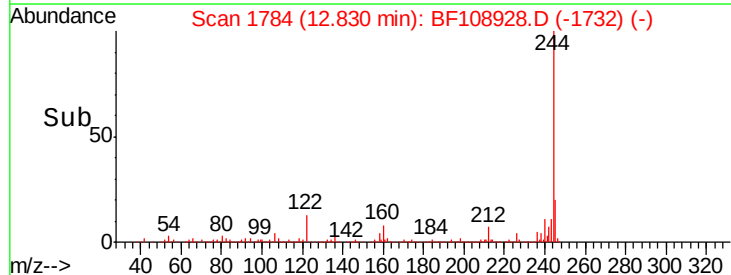
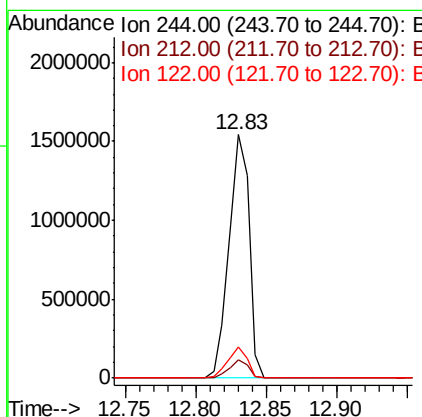
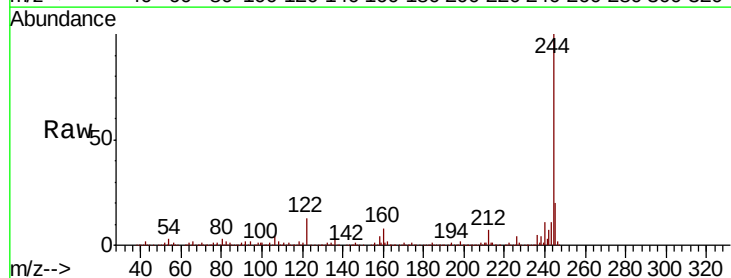
Instrument :
BNA_F
ClientSampleId :

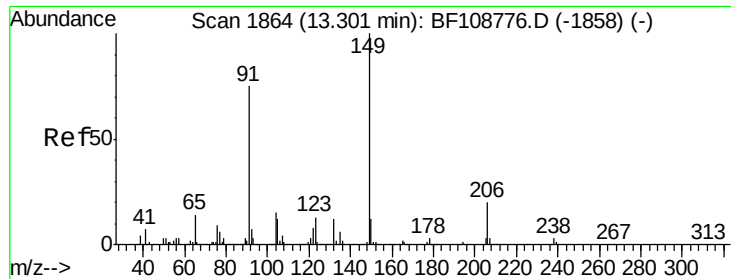
Tot Ion:202 Resp: 1370387
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 18.2 14.3 21.5



#78
Terphenyl-d14
Concen: 84.677 ng
RT: 12.83 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion:244 Resp: 1535804
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 12.7 11.0 16.4

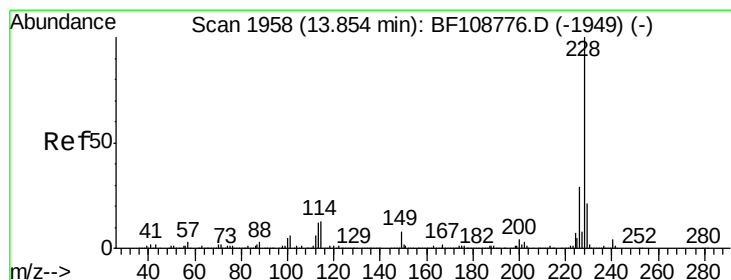
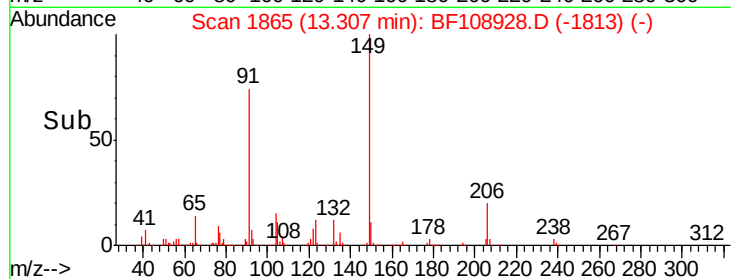
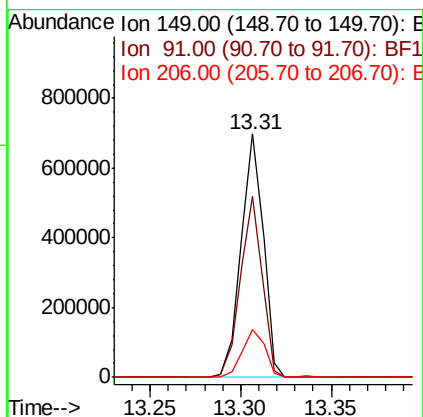
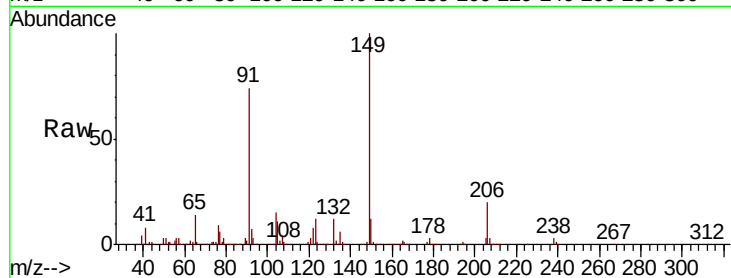




#79
Butylbenzylphthalate
Concen: 40.450 ng
RT: 13.31 min Scan# 1865
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

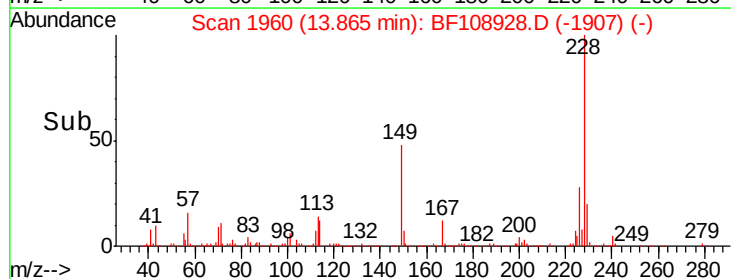
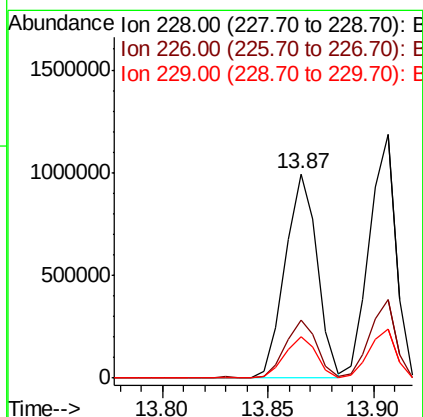
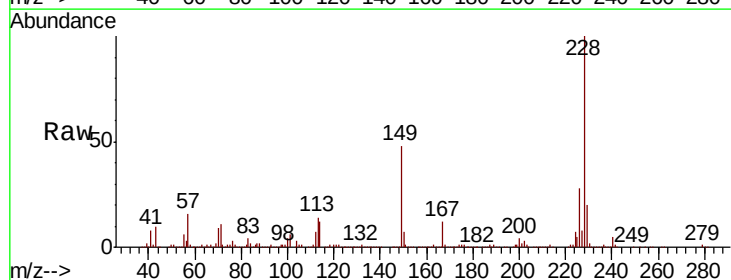
Instrument :
BNA_F
ClientSampleId :

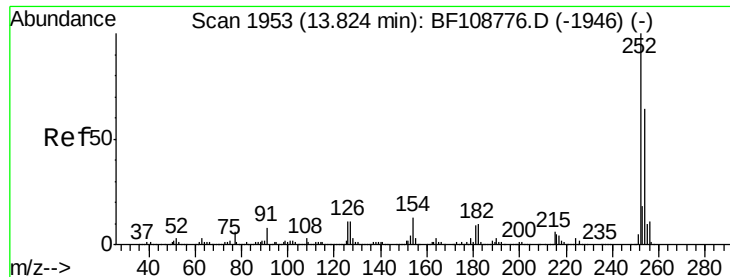
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.1	56.8	85.2
206	19.8	14.1	21.1



#80
Benzo(a)anthracene
Concen: 38.708 ng
RT: 13.87 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	20.4	15.8	23.6

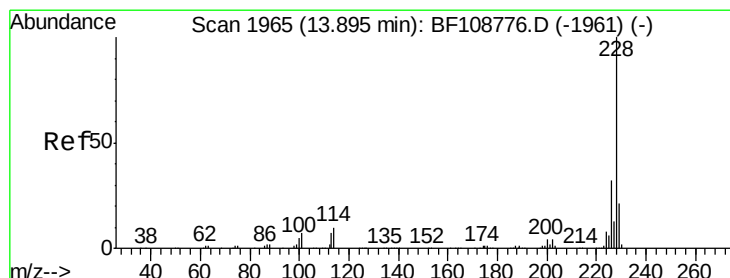
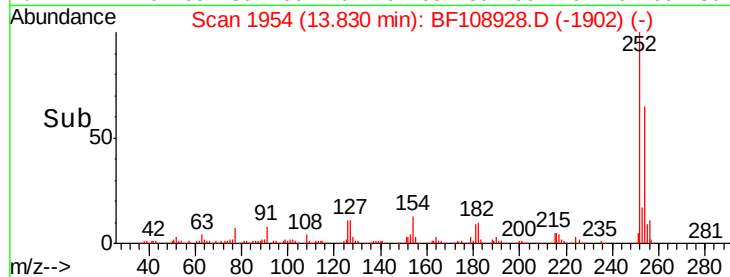
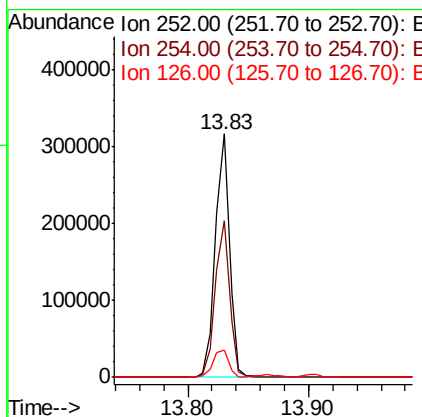
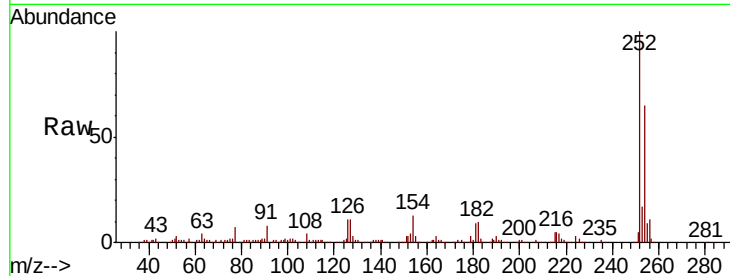




#81
 3,3'-Dichlorobenzidine
 Concen: 24.120 ng
 RT: 13.83 min Scan# 1954
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

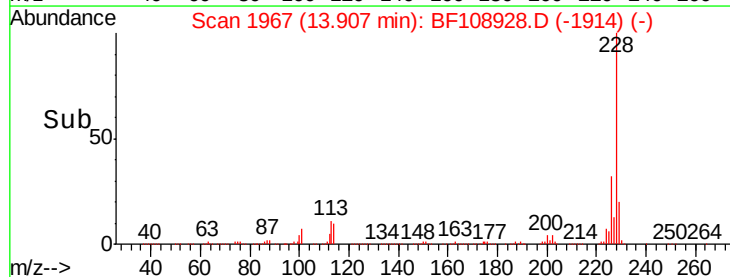
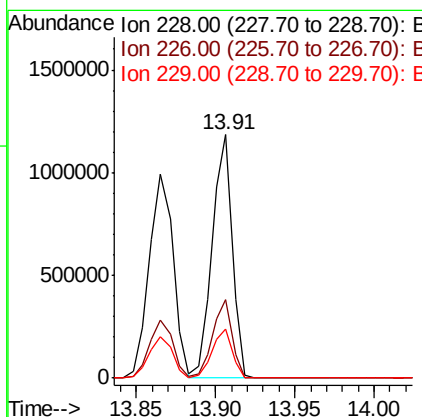
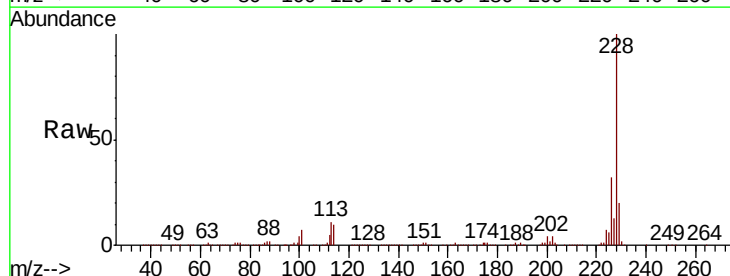
Instrument :
 BNA_F
 ClientSampleId :

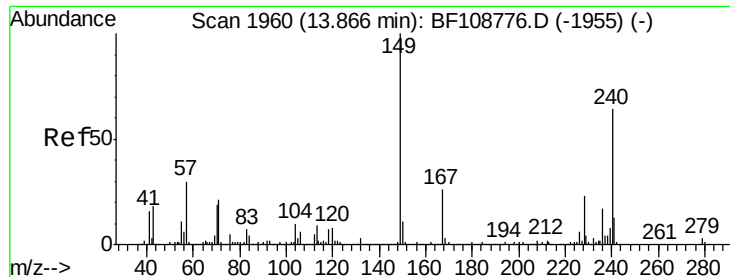
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.4	75.6
126	11.1	11.3	16.9



#82
 Chrysene
 Concen: 39.814 ng
 RT: 13.91 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.0	37.6
229	20.3	16.2	24.4

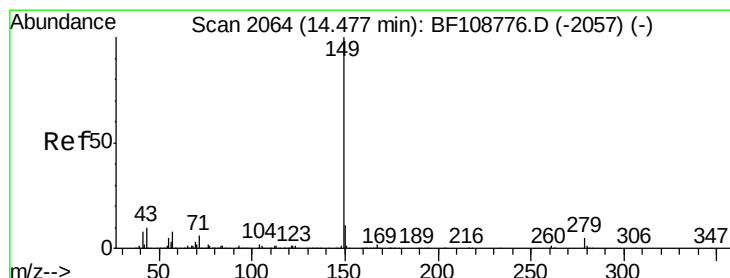
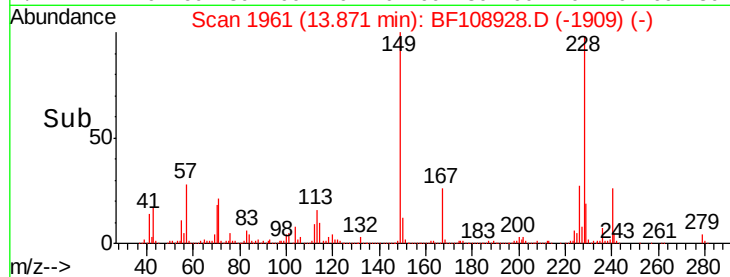
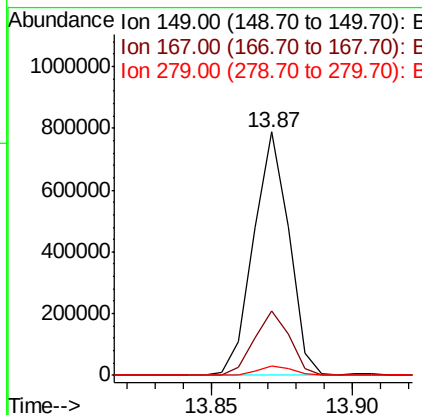
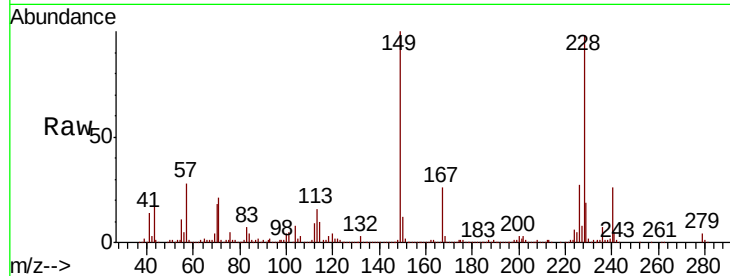




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.268 ng
 RT: 13.87 min Scan# 1961
 Delta R.T. 0.01 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

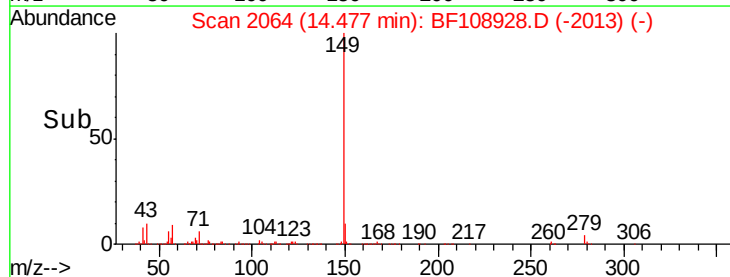
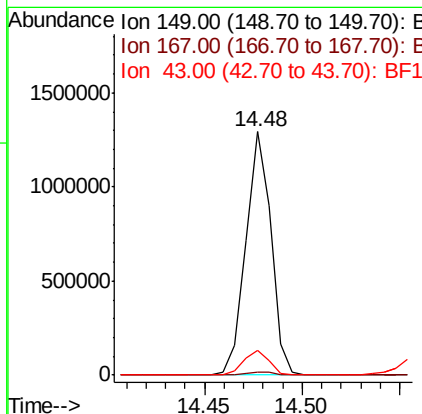
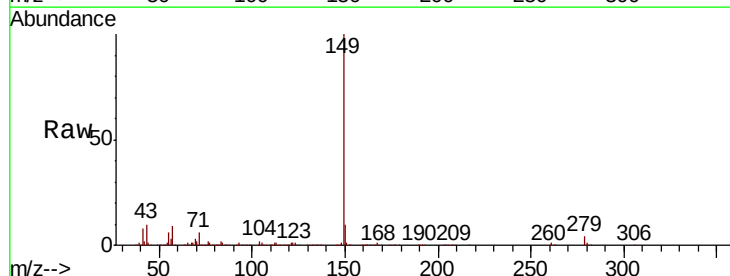
Instrument :
 BNA_F
 ClientSampleId :

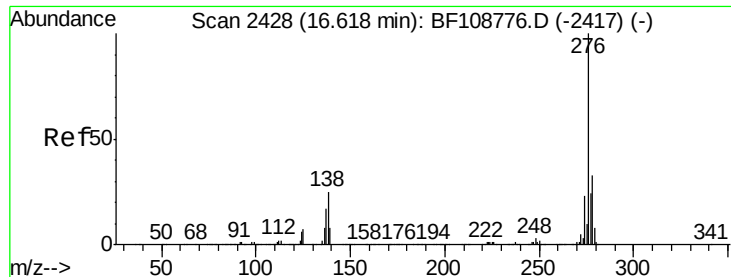
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	3.8	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 37.587 ng
 RT: 14.48 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.4	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.092 ng

RT: 16.65 min Scan# 2433

Delta R.T. 0.03 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Instrument :

BNA_F

ClientSampleId :

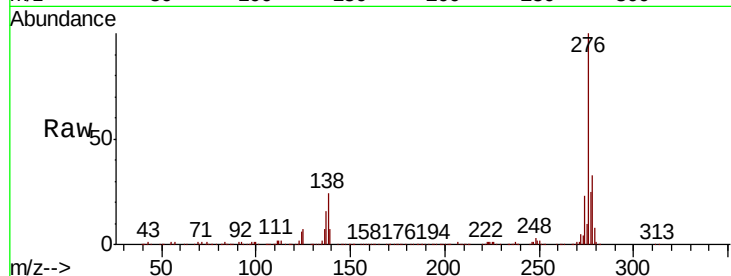
Tot Ion:276 Resp: 861472

Ion Ratio Lower Upper

276 100

138 26.4 25.0 37.6

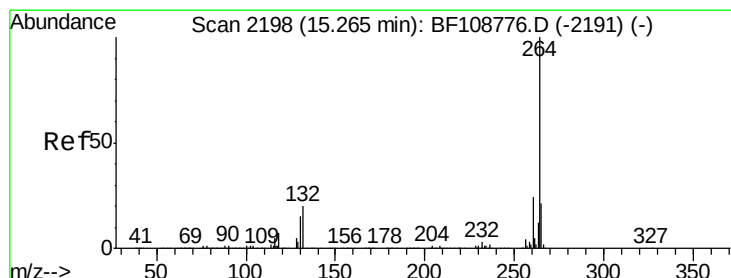
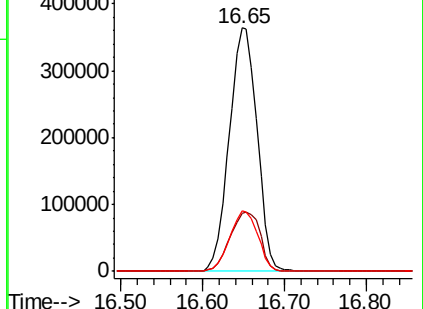
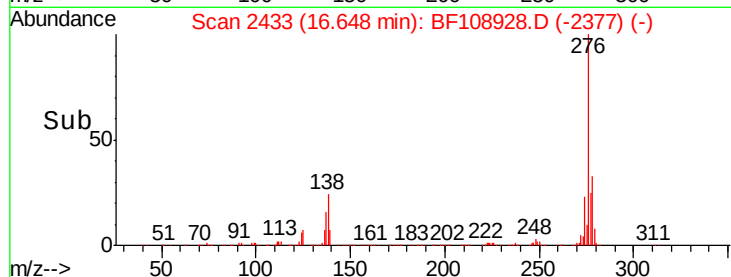
277 25.1 20.1 30.1



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: 15.28 min Scan# 2201

Delta R.T. 0.02 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

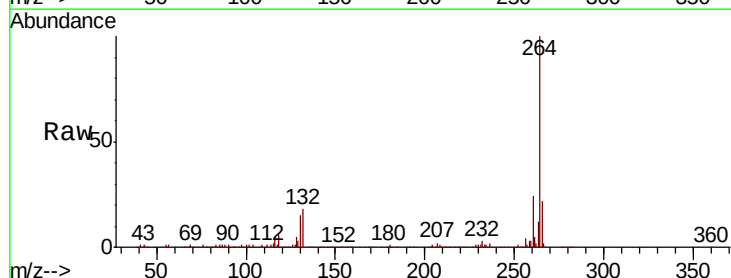
Tgt Ion:264 Resp: 362976

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

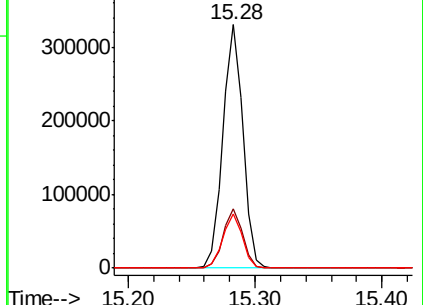
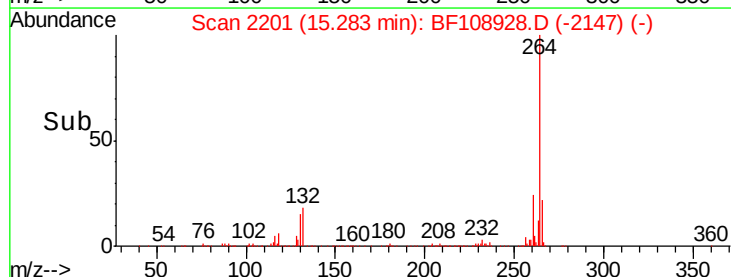
265 22.0 17.5 26.3

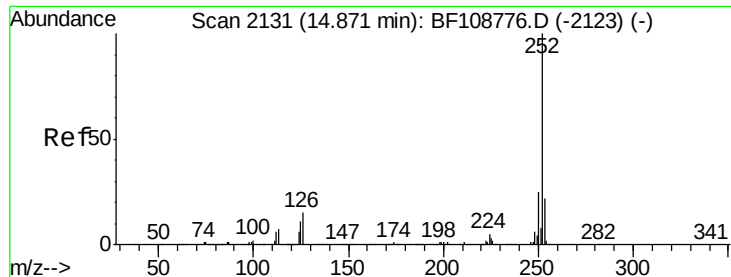


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

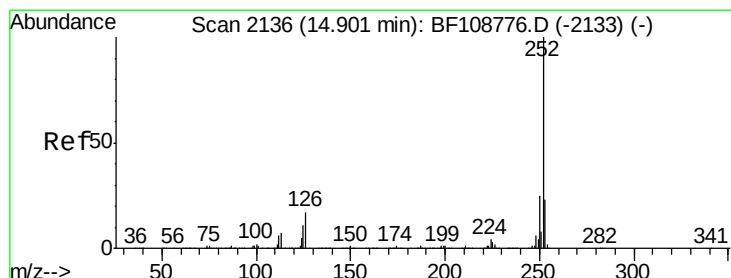
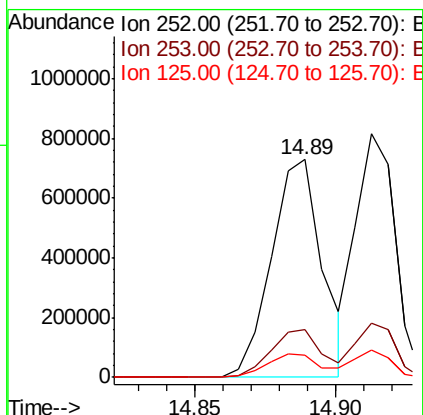
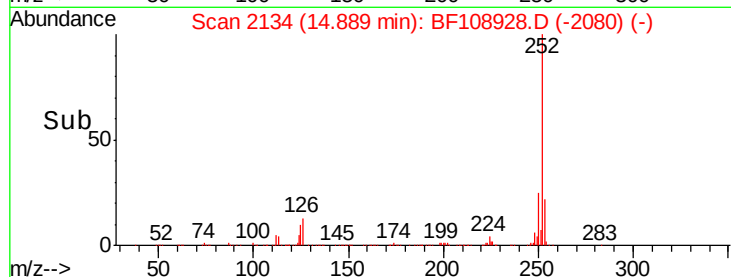
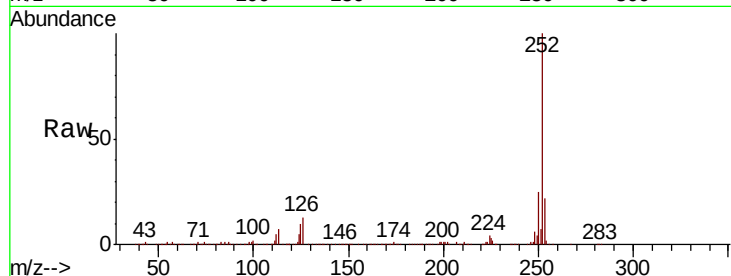




#87
Benzo(b)fluoranthene
Concen: 46.300 ng
RT: 14.89 min Scan# 2134
Delta R.T. 0.02 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

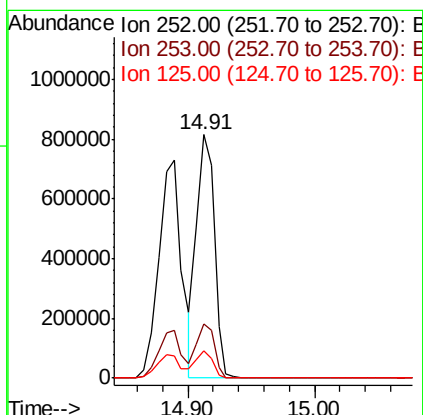
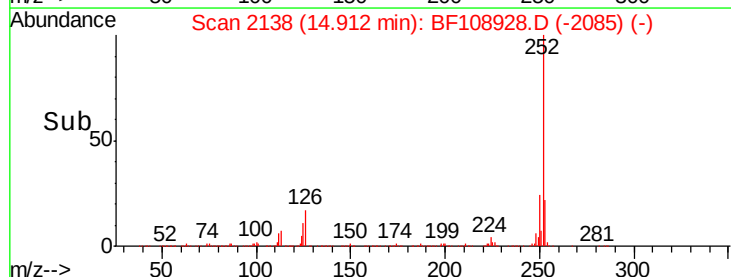
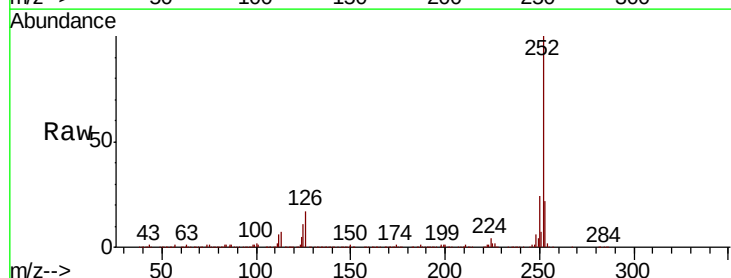
Instrument :
BNA_F
ClientSampled :

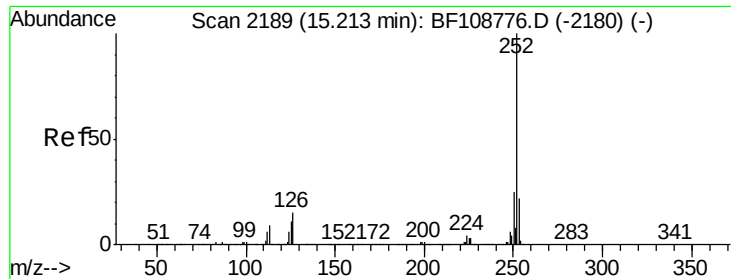
Tot Ion:252 Resp: 913832
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 10.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 43.383 ng
RT: 14.91 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BF108928.D
Acq: 11 Sep 2018 12:02

Tgt Ion:252 Resp: 788522
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 11.1 10.2 15.2





#89

Benzo(a)pyrene

Concen: 44.673 ng

RT: 15.23 min Scan# 2192

Delta R.T. 0.02 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

Instrument :

BNA_F

ClientSampleId :

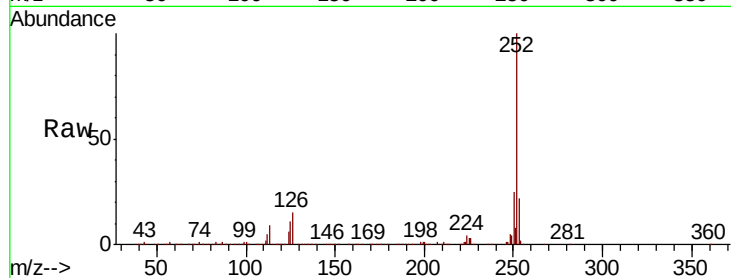
Tot Ion:252 Resp: 795577

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

125 11.0 9.8 14.6

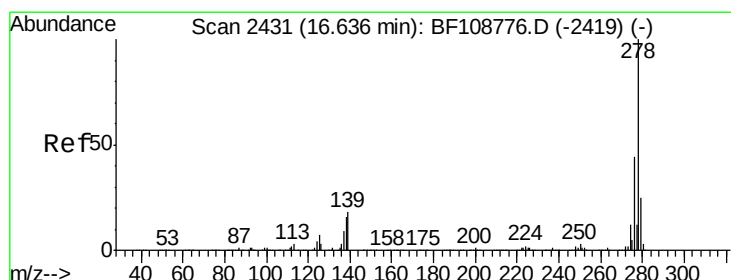
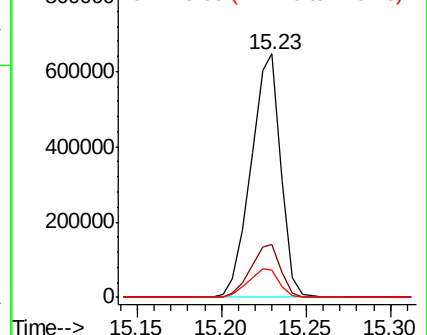
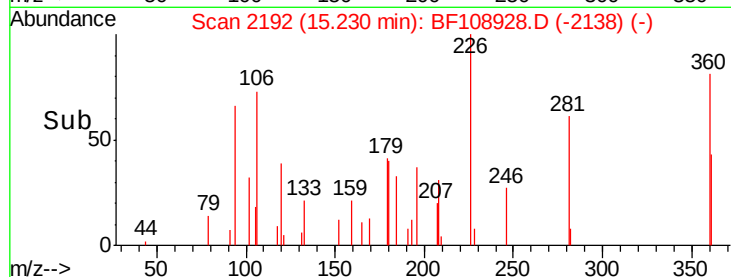


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.891 ng

RT: 16.67 min Scan# 2436

Delta R.T. 0.03 min

Lab File: BF108928.D

Acq: 11 Sep 2018 12:02

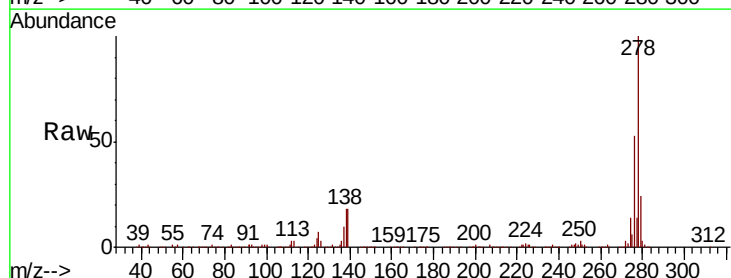
Tgt Ion:278 Resp: 704457

Ion Ratio Lower Upper

278 100

139 17.9 15.9 23.9

279 24.3 19.0 28.4

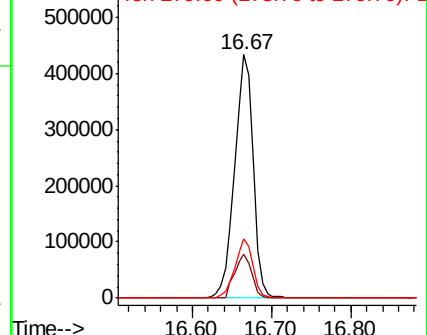
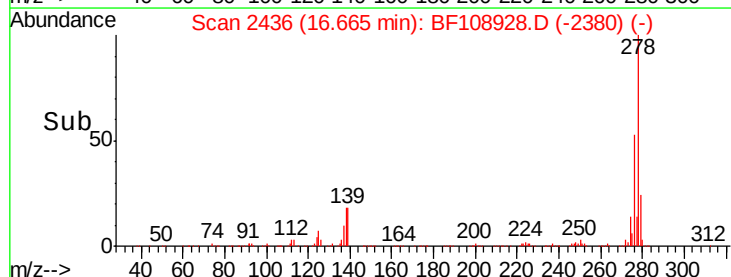


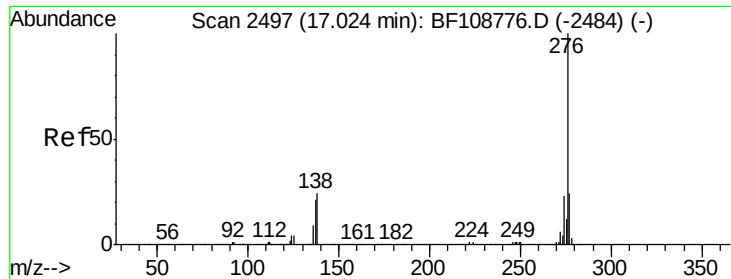
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

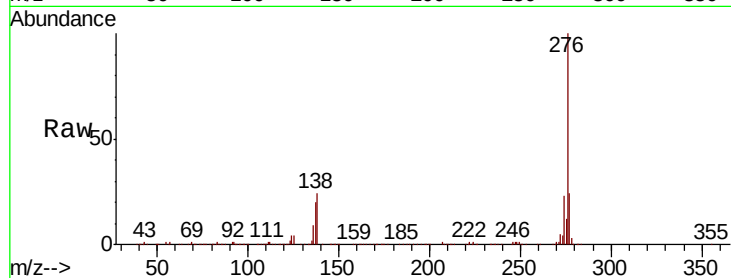




#91
 Benzo(a,h,i)perylene
 Concen: 47.756 ng
 RT: 17.06 min Scan# 2503
 Delta R.T. 0.04 min
 Lab File: BF108928.D
 Acq: 11 Sep 2018 12:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.9	26.9
138	23.5	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

