

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
 Data File : BF108991.D
 Acq On : 14 Sep 2018 13:28
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 14 13:54:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	219644	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	903035	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	445843	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	859452	20.00	ng	0.00
75) Chrysene-d12	13.87	240	604530	20.00	ng	0.00
86) Perylene-d12	15.27	264	624148	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	984033	74.41	ng	0.00
7) Phenol-d6	6.37	99	1327014	77.82	ng	0.00
23) Nitrobenzene-d5	7.29	82	1255929	78.01	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	380532	78.65	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	2110018	74.15	ng	0.00
78) Terphenyl-d14	12.82	244	1894698	74.29	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.38	88	237552	37.736	ng	93
3) Pyridine	3.08	79	653291	39.148	ng	91
4) n-Nitrosodimethylamine	3.03	42	260978	41.409	ng	# 94
6) Aniline	6.39	93	879525	39.904	ng	98
8) 2-Chlorophenol	6.51	128	580457	39.222	ng	95
9) Benzaldehyde	6.27	77	435698	40.006	ng	99
10) Phenol	6.38	94	728541	37.970	ng	76
11) bis(2-Chloroethyl)ether	6.47	93	605051	40.083	ng	96
12) 1,3-Dichlorobenzene	6.67	146	653437	38.608	ng	99
13) 1,4-Dichlorobenzene	6.74	146	655190	38.588	ng	98
14) 1,2-Dichlorobenzene	6.90	146	602235	38.259	ng	99
15) Benzyl Alcohol	6.87	79	516748	39.916	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	868106	40.138	ng	96
17) 2-Methylphenol	6.98	107	490378	40.614	ng	98
18) Hexachloroethane	7.24	117	243947	39.559	ng	97
19) n-Nitroso-di-n-propylamine	7.15	70	458502	40.678	ng	97
20) 3+4-Methylphenols	7.14	107	553440	38.059	ng	# 67
22) Acetophenone	7.14	105	771773	37.633	ng	# 91
24) Nitrobenzene	7.31	77	655751	39.504	ng	98
25) Isophorone	7.55	82	1111370	40.157	ng	98
26) 2-Nitrophenol	7.62	139	318077	41.037	ng	99
27) 2,4-Dimethylphenol	7.67	122	482961	39.722	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	723326	38.838	ng	99
29) 2,4-Dichlorophenol	7.87	162	515740	39.805	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	537913	38.407	ng	98
31) Naphthalene	8.03	128	1587422	37.874	ng	99
32) Benzoic acid	7.82	122	412863	51.968	ng	99
33) 4-Chloroaniline	8.08	127	716238	38.434	ng	99
34) Hexachlorobutadiene	8.15	225	333974	39.059	ng	99
35) Caprolactam	8.47	113	146051	34.575	ng	89
36) 4-Chloro-3-methylphenol	8.57	107	533996	39.151	ng	98
37) 2-Methylnaphthalene	8.72	142	1033450	37.825	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	519183	36.999	ng	98
40) Hexachlorocyclopentadiene	8.88	237	304224	43.030	ng	97

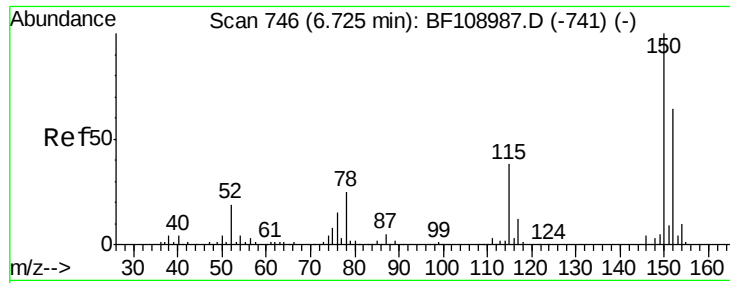
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	373550	39.605	ng	100
43) 2,4,5-Trichlorophenol	9.04	196	397315	40.310	ng	97
45) 1,1'-Biphenyl	9.19	154	1323905	37.116	ng	98
46) 2-Chloronaphthalene	9.21	162	1080663	37.830	ng	100
47) 2-Nitroaniline	9.30	65	352771	40.170	ng	96
48) Acenaphthylene	9.62	152	1615573	37.511	ng	100
49) Dimethylphthalate	9.50	163	1235476	38.771	ng	99
50) 2,6-Dinitrotoluene	9.55	165	283288	40.087	ng	98
51) Acenaphthene	9.80	154	1017235	37.930	ng	99
52) 3-Nitroaniline	9.71	138	333230	40.045	ng	94
53) 2,4-Dinitrophenol	9.81	184	123577	45.374	ng	# 21
54) Dibenzofuran	9.97	168	1418146	36.592	ng	96
55) 4-Nitrophenol	9.87	139	257552	42.009	ng	96
56) 2,4-Dinitrotoluene	9.95	165	377502	40.847	ng	# 100
57) Fluorene	10.31	166	978406	37.883	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	325157	39.841	ng	90
59) Diethylphthalate	10.19	149	1249484	38.829	ng	96
60) 4-Chlorophenyl-phenylether	10.30	204	523191	37.832	ng	93
61) 4-Nitroaniline	10.33	138	323251	40.888	ng	98
62) Azobenzene	10.46	77	1238402	37.596	ng	96
64) 4,6-Dinitro-2-methylphenol	10.36	198	180714	43.947	ng	78
65) n-Nitrosodiphenylamine	10.42	169	1094943	38.948	ng	96
66) 4-Bromophenyl-phenylether	10.79	248	378338	39.047	ng	# 85
67) Hexachlorobenzene	10.85	284	408241	39.391	ng	# 91
68) Atrazine	10.95	200	358272	39.810	ng	99
69) Pentachlorophenol	11.04	266	292159	44.061	ng	97
70) Phenanthrene	11.26	178	1586481	37.657	ng	99
71) Anthracene	11.31	178	1572075	36.810	ng	99
72) Carbazole	11.47	167	1574834	37.251	ng	98
73) Di-n-butylphthalate	11.81	149	1851374	37.411	ng	99
74) Fluoranthene	12.44	202	1687607	37.943	ng	98
76) Benzidine	12.56	184	931920	43.549	ng	97
77) Pyrene	12.67	202	1720337	38.312	ng	99
79) Butylbenzylphthalate	13.30	149	820564	40.914	ng	98
80) Benzo(a)anthracene	13.85	228	1398630	38.214	ng	99
81) 3,3'-Dichlorobenzidine	13.82	252	592120	40.091	ng	97
82) Chrysene	13.90	228	1440447	39.336	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	938144	38.632	ng	99
84) Di-n-octyl phthalate	14.47	149	1795793	43.603	ng	100
85) Indeno(1,2,3-cd)pyrene	16.62	276	1175984	40.169	ng	94
87) Benzo(b)fluoranthene	14.87	252	1351154	39.131	ng	98
88) Benzo(k)fluoranthene	14.90	252	1231293	38.179	ng	98
89) Benzo(a)pyrene	15.21	252	1191970	38.872	ng	98
90) Dibenzo(a,h)anthracene	16.64	278	967645	37.560	ng	96
91) Benzo(g,h,i)perylene	17.03	276	952366	36.976	ng	93

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

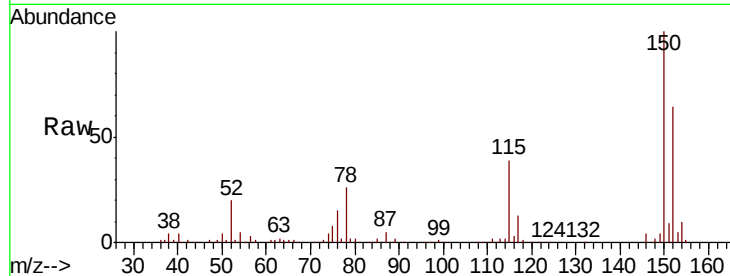


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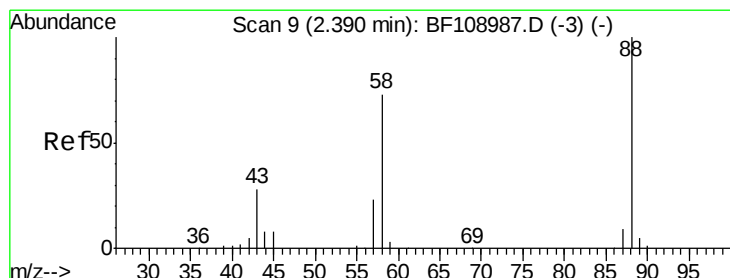
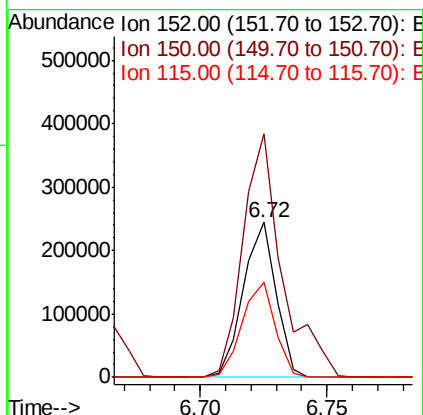
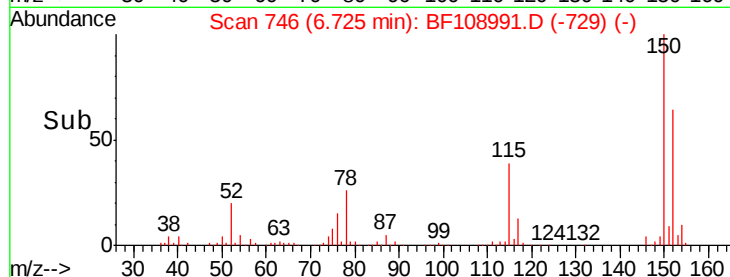
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 219644
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 61.2 50.1 75.1



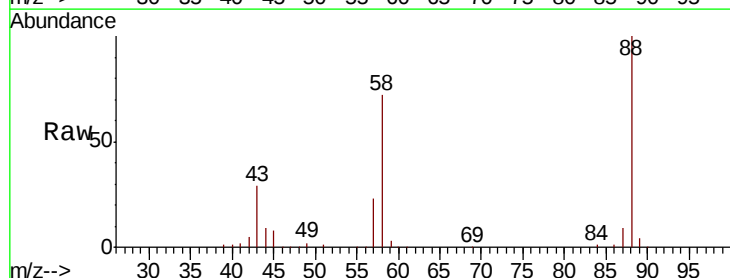
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



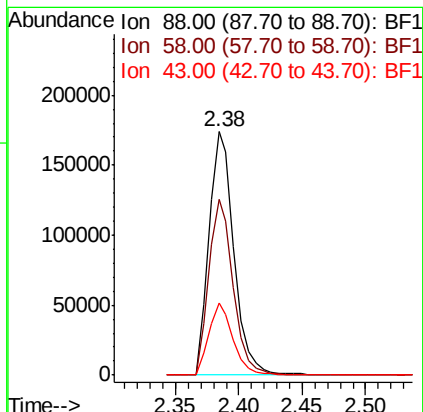
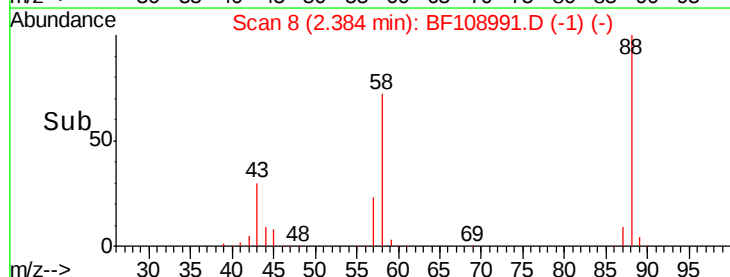
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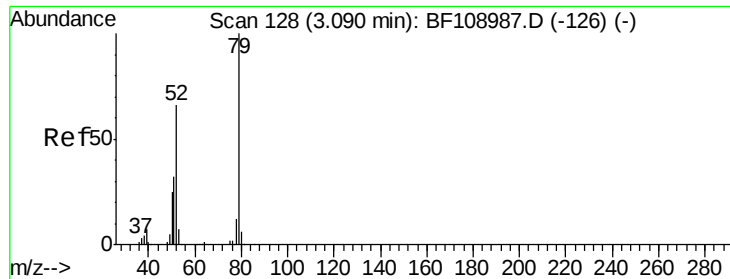
1,4-Dioxane
Concen: 37.736 ng
RT: 2.38 min Scan# 8
Delta R.T. -0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion: 88 Resp: 237552
Ion Ratio Lower Upper
88 100
58 71.0 62.6 93.8
43 28.9 24.6 37.0



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





#3

Pvridine

Concen: 39.148 ng

RT: 3.08 min Scan# 127

Delta R.T. -0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

Instrument :

BNA_F

ClientSampleId :

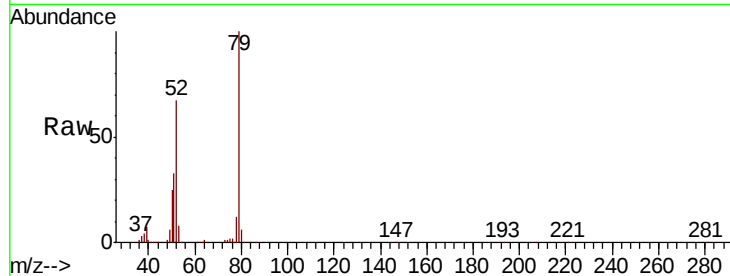
Tot Ion: 79 Resp: 653291

Ion Ratio Lower Upper

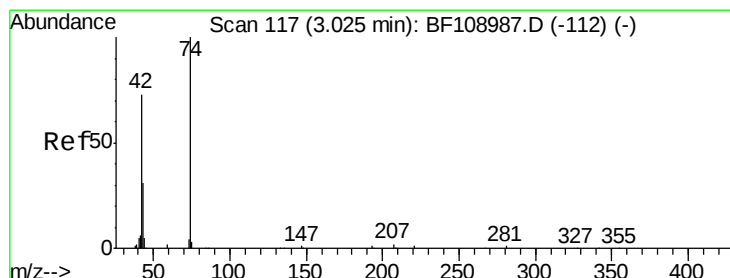
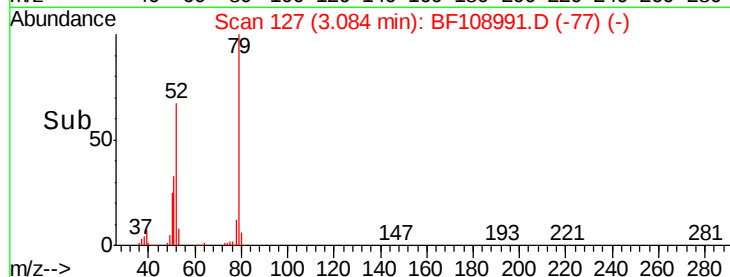
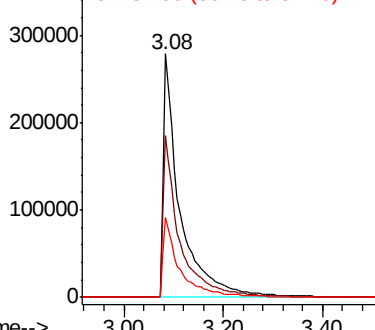
79 100

52 66.6 59.8 89.6

51 33.0 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: 41.409 ng

RT: 3.03 min Scan# 118

Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

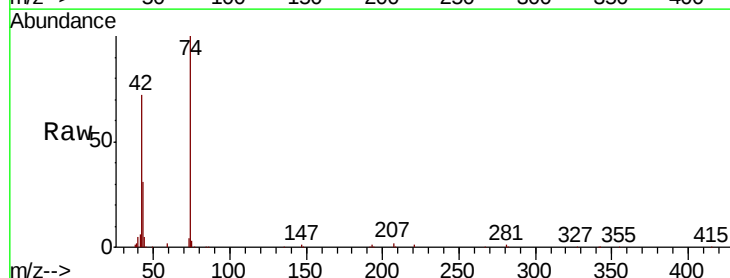
Tgt Ion: 42 Resp: 260978

Ion Ratio Lower Upper

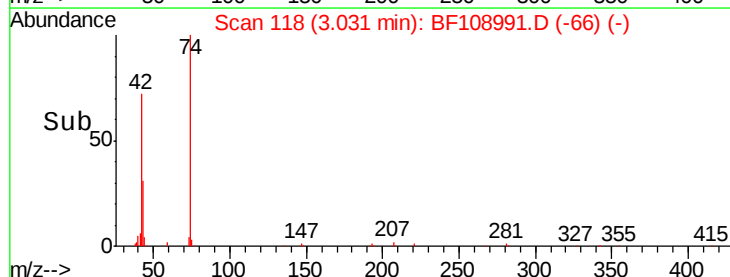
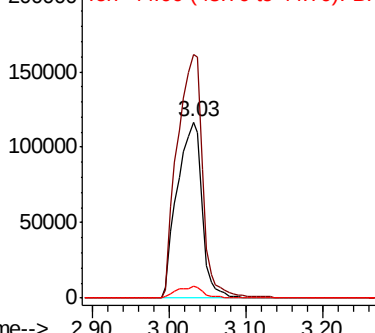
42 100

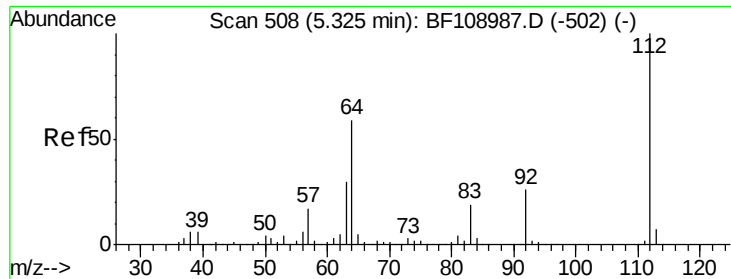
74 138.0 104.9 157.3

44 6.6 6.9 10.3#



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





#5

2-Fluorophenol

Concen: 74.410 ng

RT: 5.32 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

Instrument :

BNA_F

ClientSampleId :

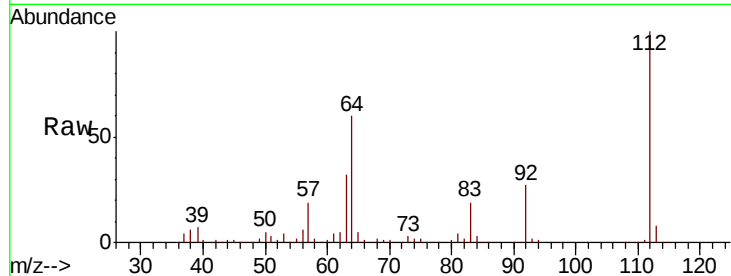
Tot Ion:112 Resp: 984033

Ion Ratio Lower Upper

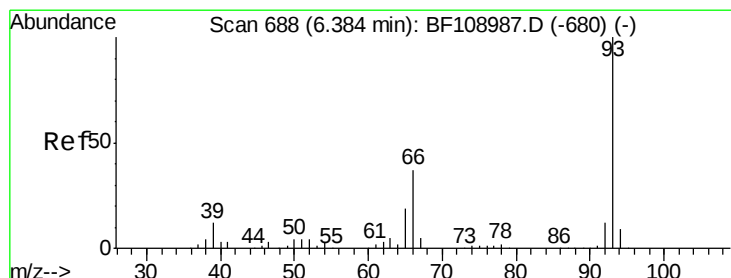
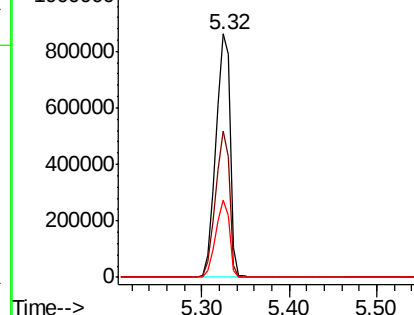
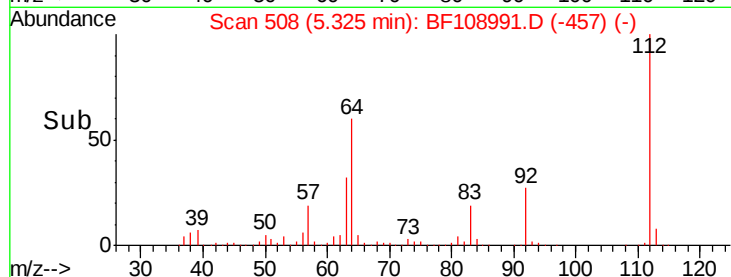
112 100

64 60.1 47.9 71.9

63 31.6 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: 39.904 ng

RT: 6.39 min Scan# 689

Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

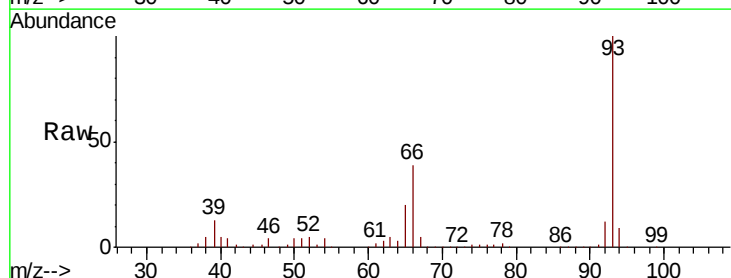
Tgt Ion: 93 Resp: 879525

Ion Ratio Lower Upper

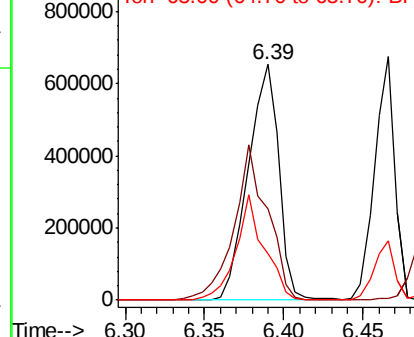
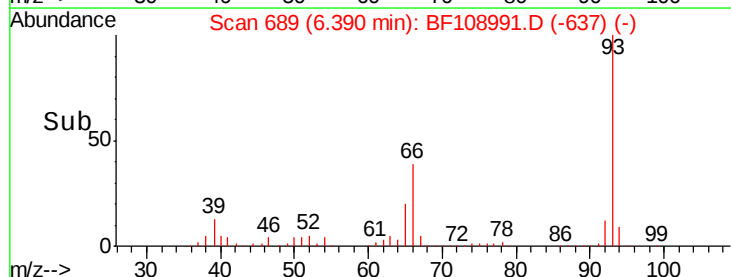
93 100

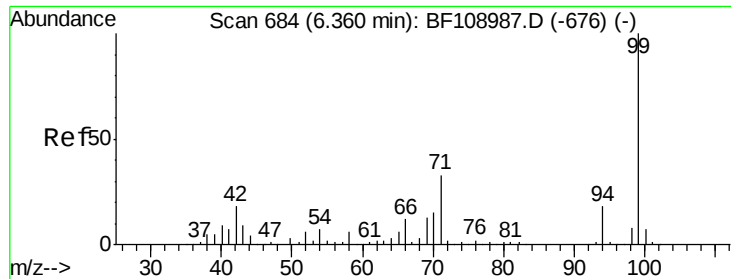
66 38.9 32.2 48.2

65 19.7 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: 77.820 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

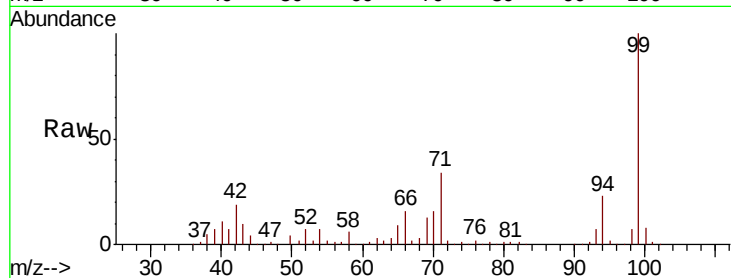
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1327014

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.5	21.7
71	34.3	25.4	38.0

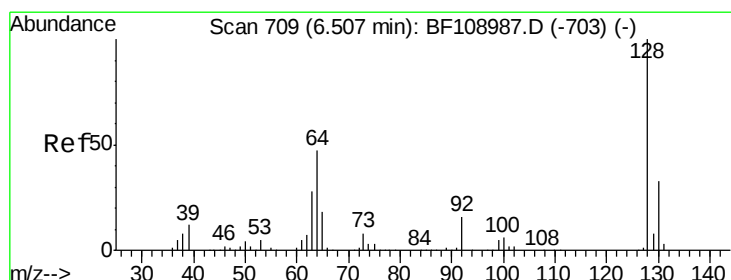
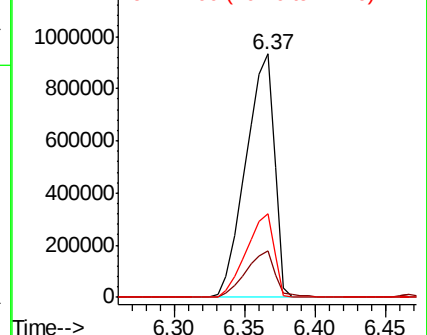
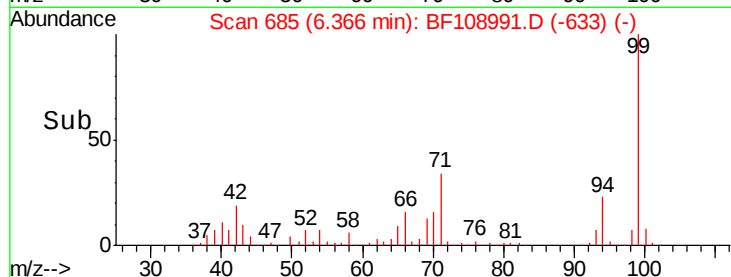


Abundance

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: 39.222 ng

RT: 6.51 min Scan# 710

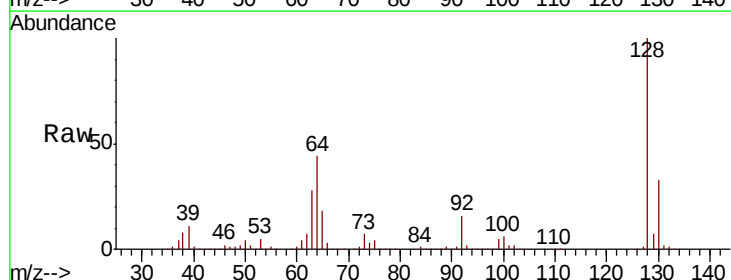
Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

Tgt Ion: 128 Resp: 580457

Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.0	53.0
64	43.6	29.4	69.4

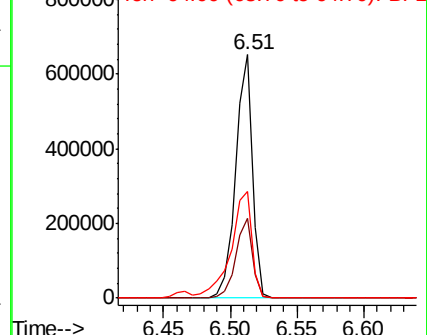
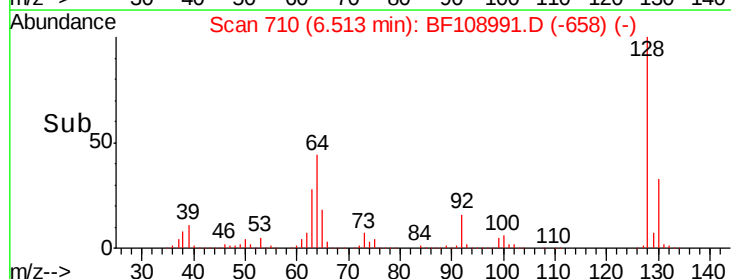


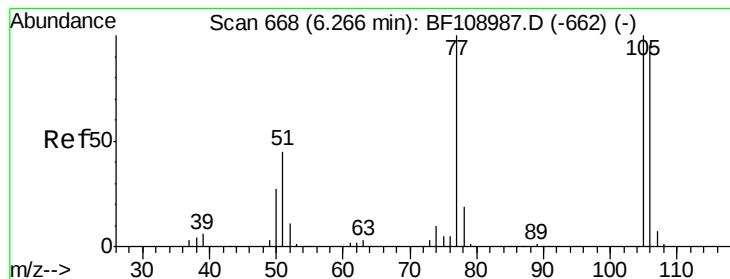
Abundance

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: 40.006 ng

RT: 6.27 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

Instrument :

BNA_F

ClientSampleId :

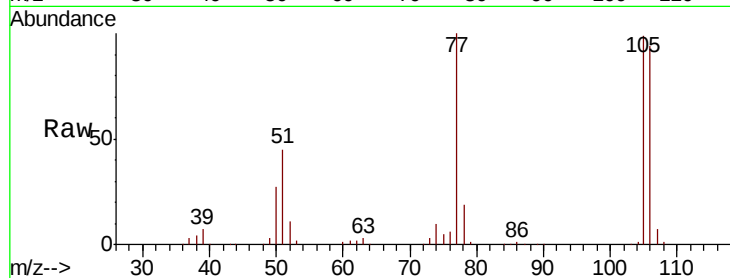
Tot Ion: 77 Resp: 435698

Ion Ratio Lower Upper

77 100

105 99.3 81.1 121.1

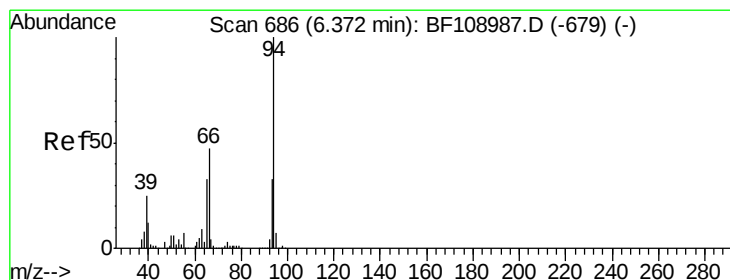
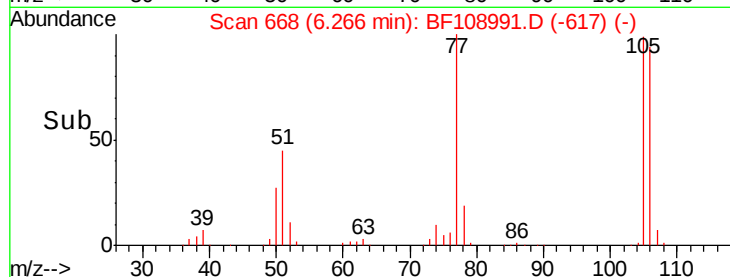
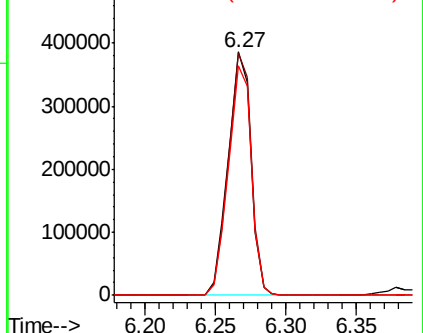
106 94.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.970 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

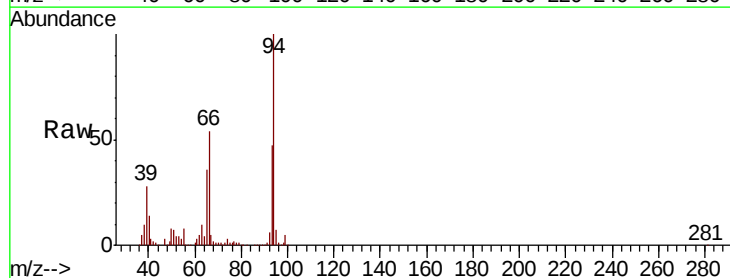
Tgt Ion: 94 Resp: 728541

Ion Ratio Lower Upper

94 100

65 36.2 7.9 47.9

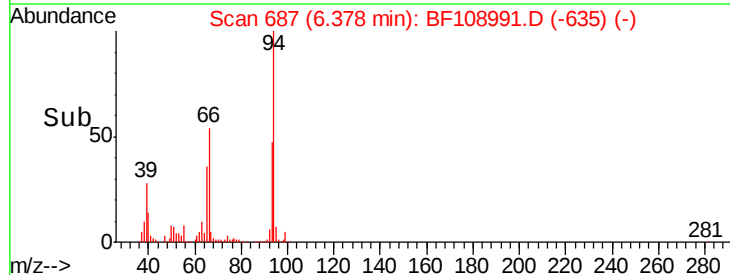
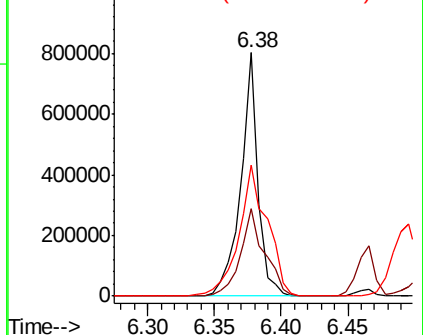
66 53.8 16.2 56.2

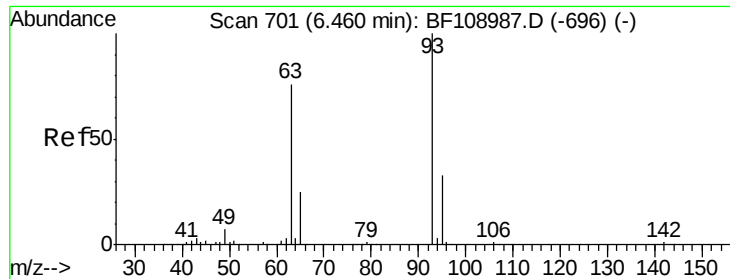


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

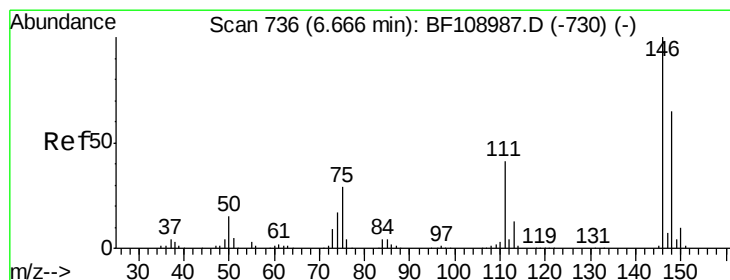
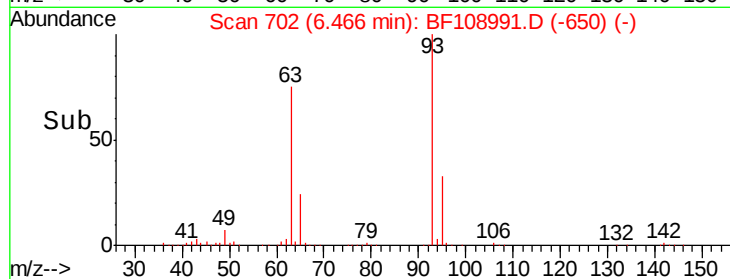
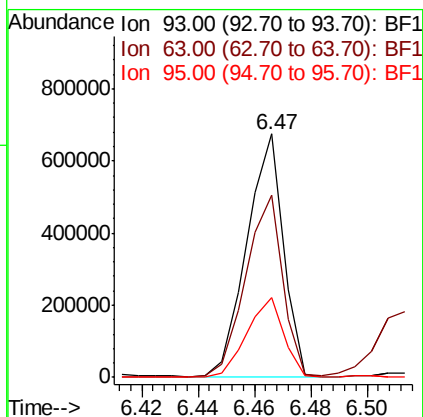
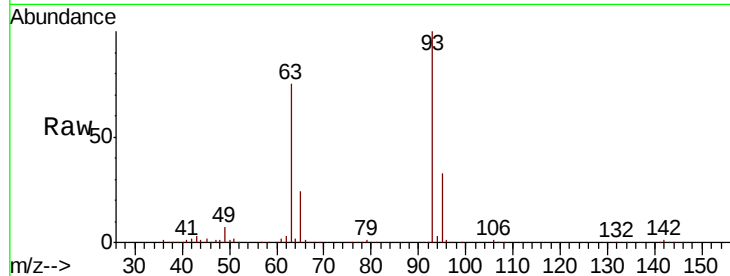




#11
bis(2-Chloroethyl)ether
Concen: 40.083 ng
RT: 6.47 min Scan# 702
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

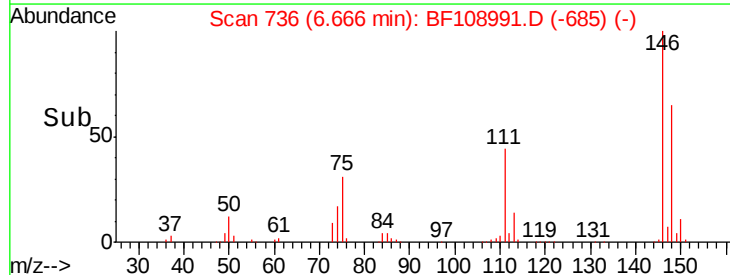
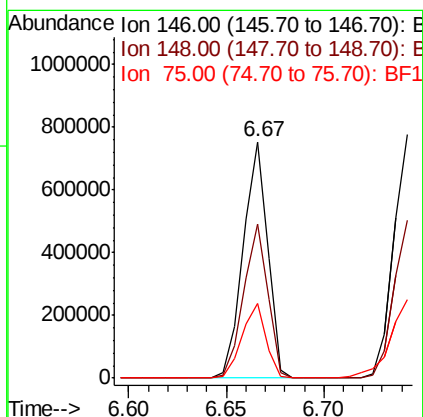
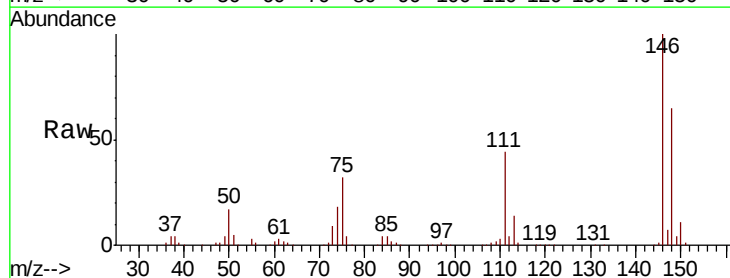
Instrument :
BNA_F
ClientSampleId :

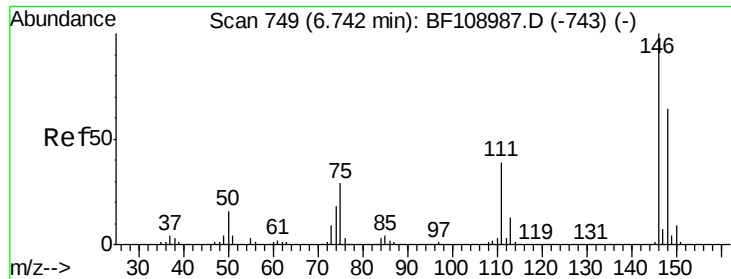
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.9	58.6	98.6
95	32.9	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 38.608 ng
RT: 6.67 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.8
75	31.7	24.2	36.4

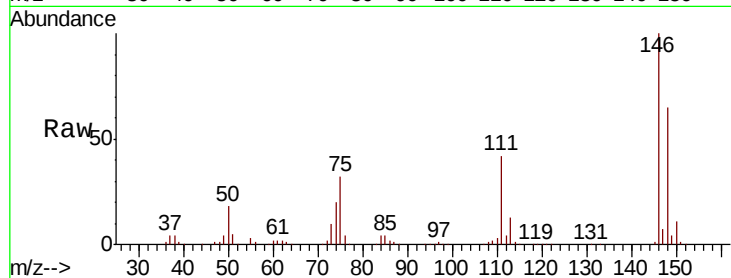




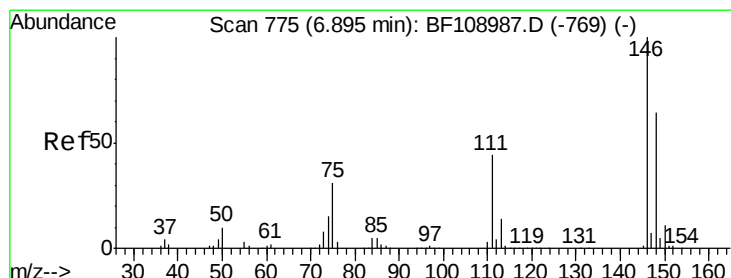
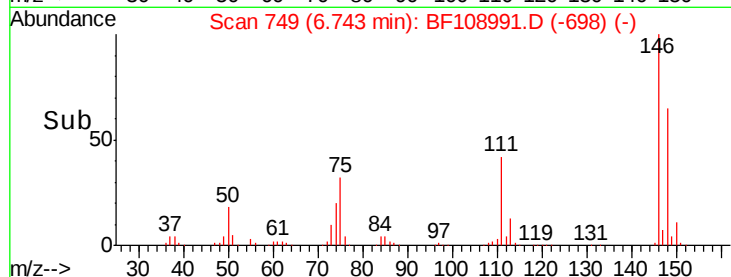
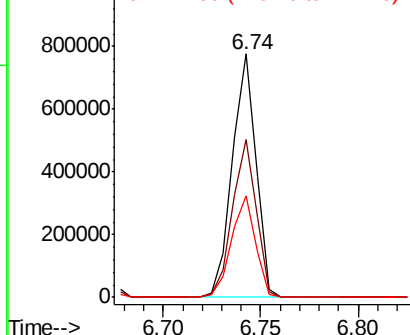
#13
 1,4-Dichlorobenzene
 Concen: 38.588 ng
 RT: 6.74 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 655190
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.8 76.2
 111 41.6 34.2 51.2

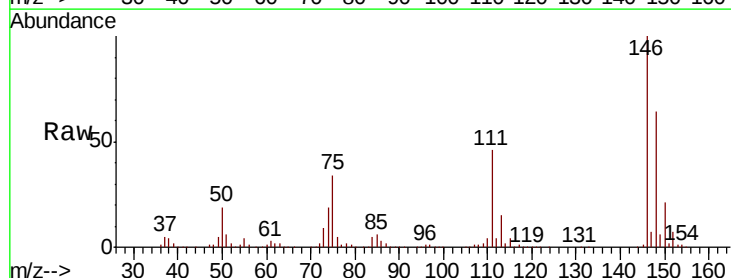


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

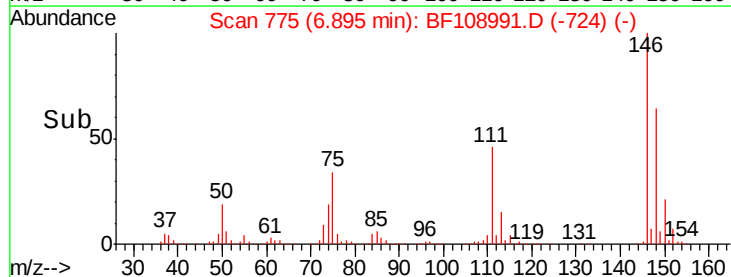
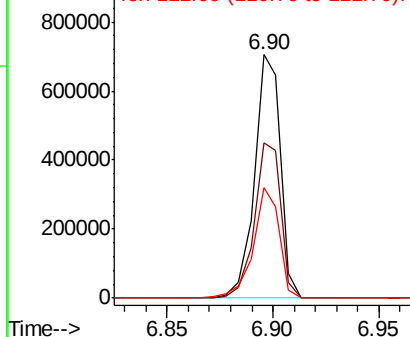


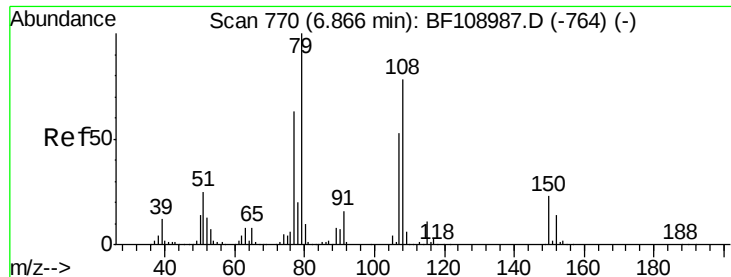
#14
 1,2-Dichlorobenzene
 Concen: 38.259 ng
 RT: 6.90 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Tgt Ion:146 Resp: 602235
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 75.8
 111 45.6 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 39.916 ng

RT: 6.87 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

Instrument :

BNA_F

ClientSampleId :

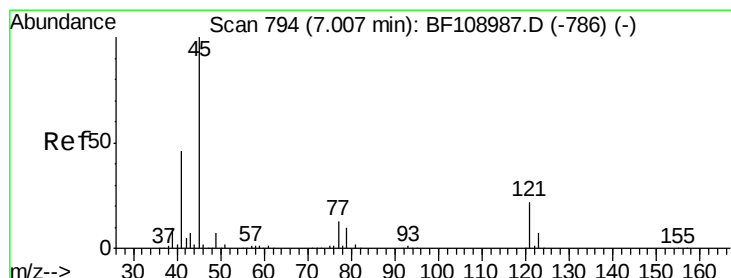
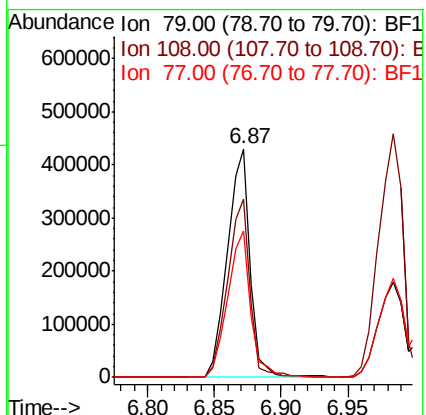
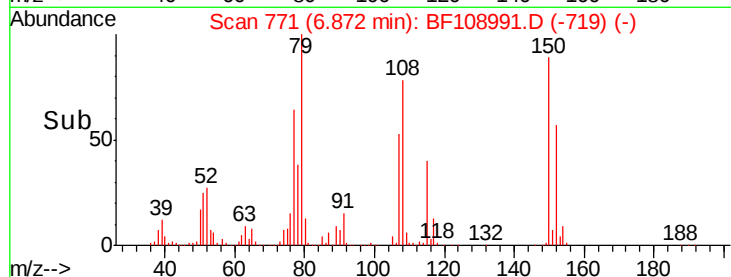
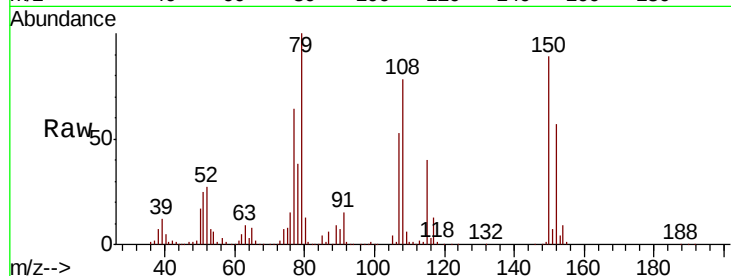
Tot Ion: 79 Resp: 516748

Ion Ratio Lower Upper

79 100

108 78.1 65.1 97.7

77 64.3 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.138 ng

RT: 7.01 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

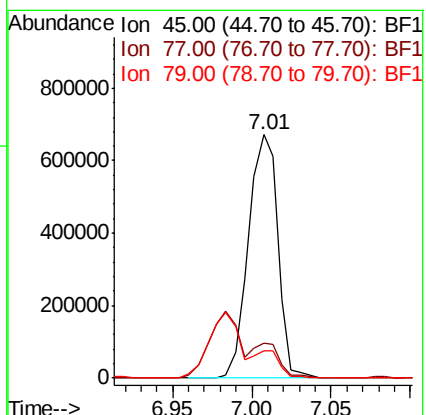
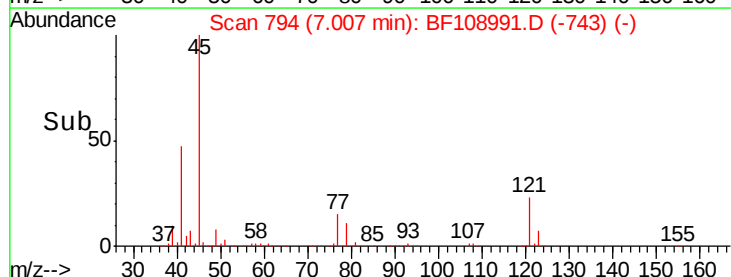
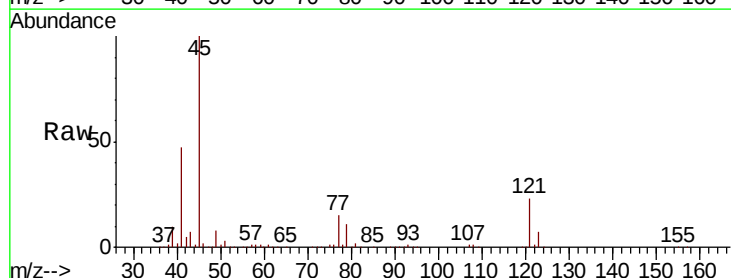
Tgt Ion: 45 Resp: 868106

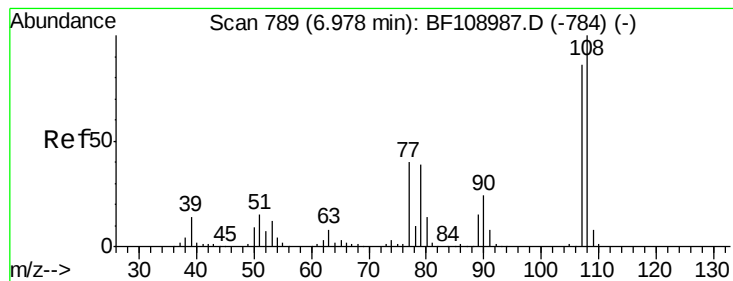
Ion Ratio Lower Upper

45 100

77 14.6 0.0 32.9

79 11.1 0.0 29.6





#17

2-Methylphenol

Concen: 40.614 ng

RT: 6.98 min Scan# 790

Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 490378

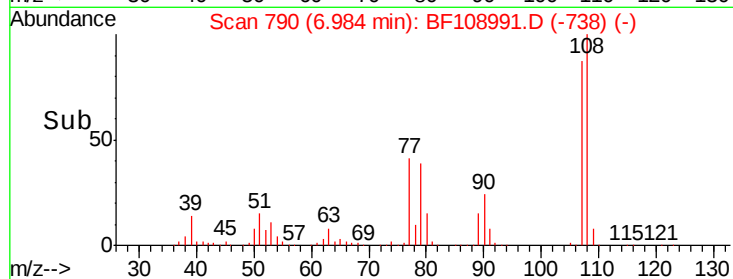
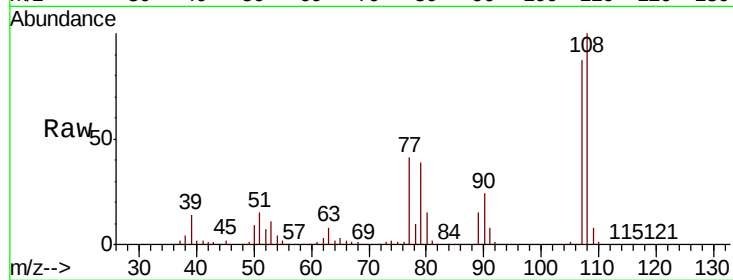
Ion Ratio Lower Upper

107 100

108 114.5 91.7 137.5

77 46.5 33.8 50.8

79 44.9 33.8 50.8

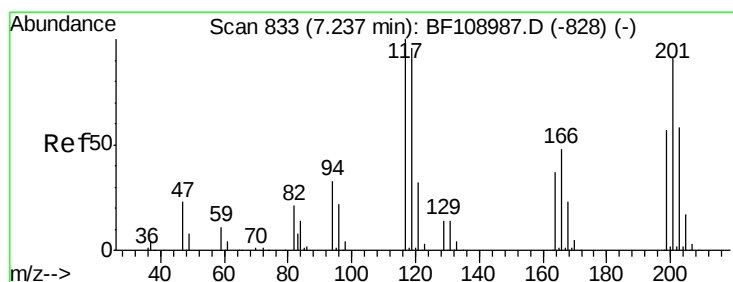
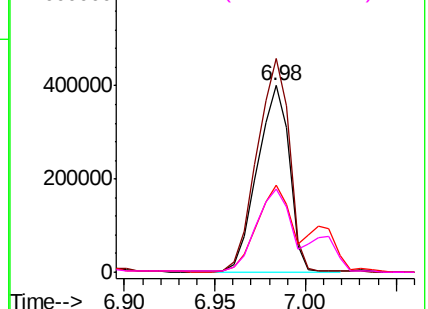


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.559 ng

RT: 7.24 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

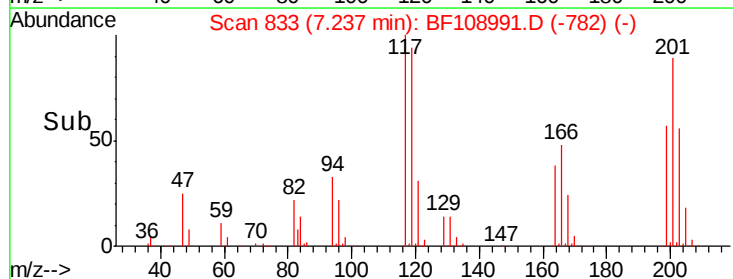
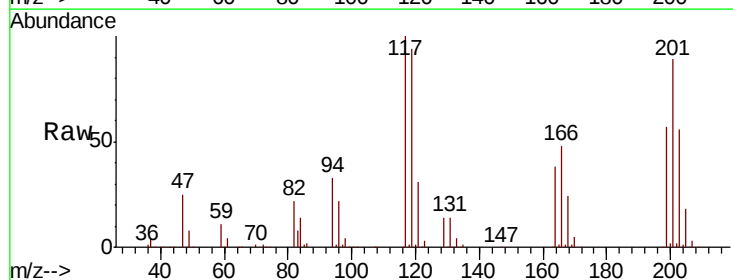
Tgt Ion:117 Resp: 243947

Ion Ratio Lower Upper

117 100

119 94.2 75.8 113.8

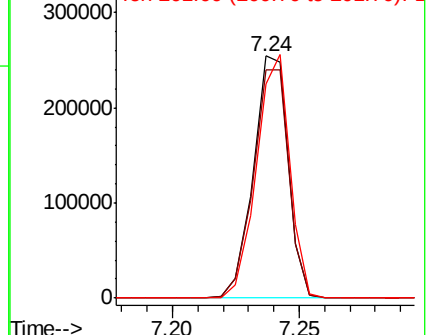
201 88.8 75.7 113.5

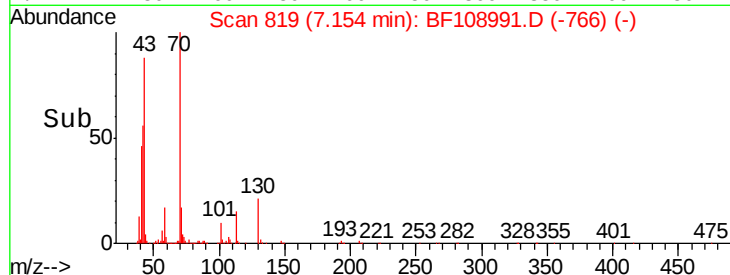
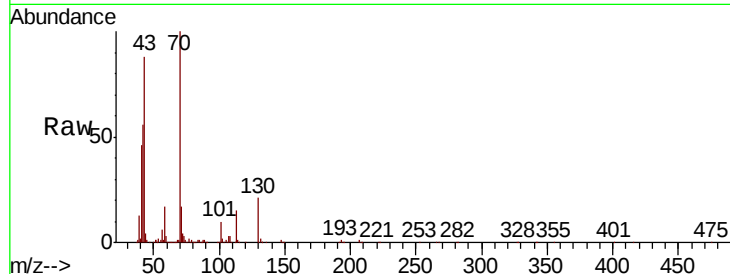
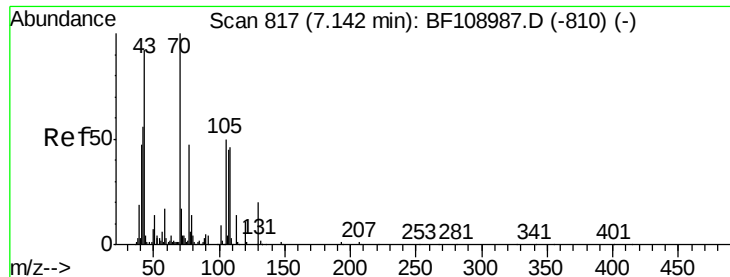


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

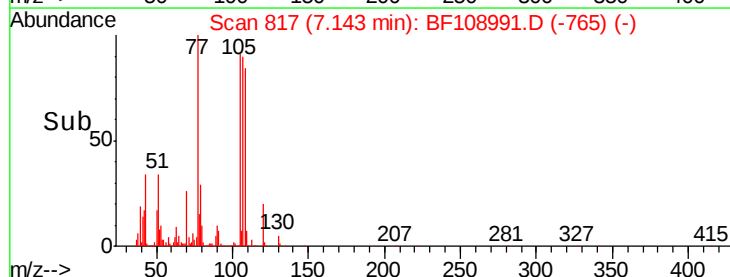
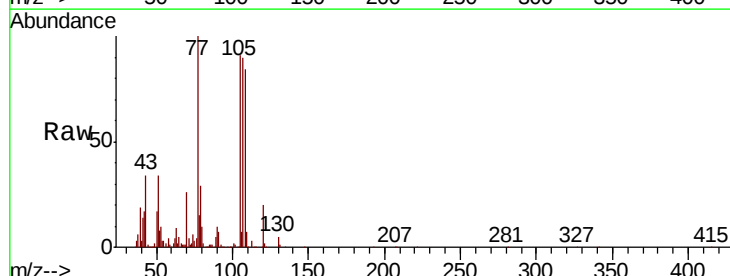
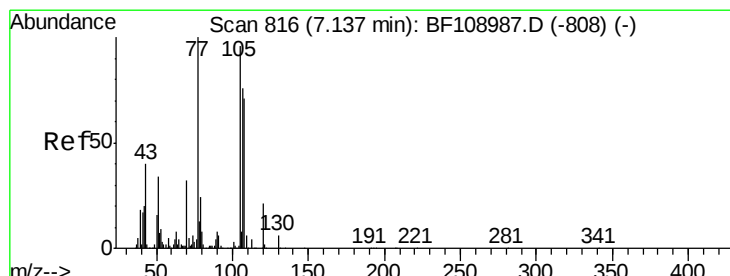
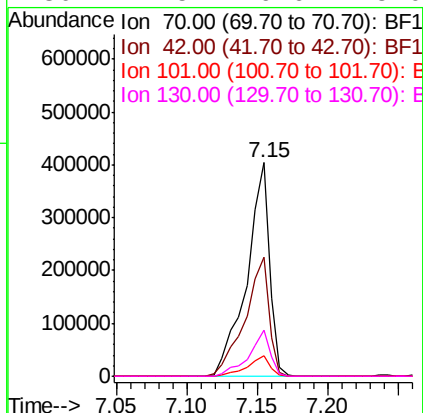




#19
n-Nitroso-di-n-propylamine
Concen: 40.678 ng
RT: 7.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

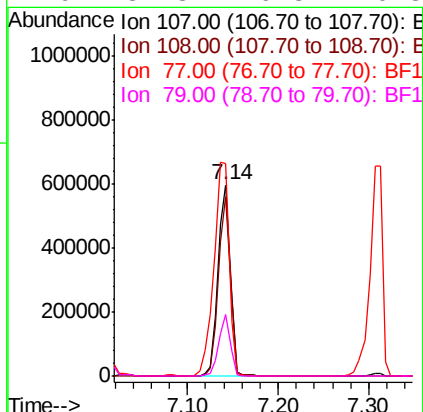
Instrument :
BNA_F
ClientSampleId :

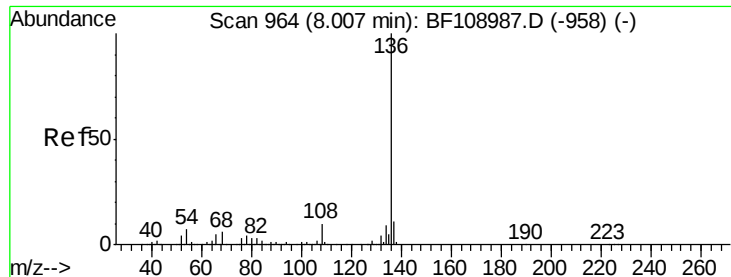
Tot Ion:	70	Resp:	458502
Ion	Ratio	Lower	Upper
70	100		
42	56.0	47.5	71.3
101	9.5	7.4	11.2
130	21.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.059 ng
RT: 7.14 min Scan# 817
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion:	107	Resp:	553440
Ion	Ratio	Lower	Upper
107	100		
108	93.5	68.2	108.2
77	111.2	26.7	66.7#
79	32.3	6.3	46.3

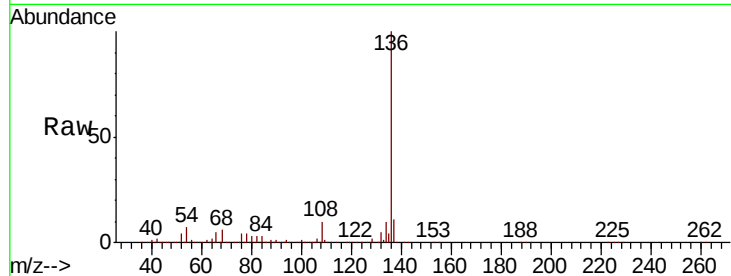




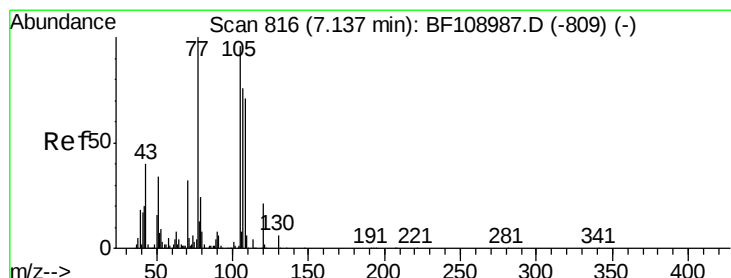
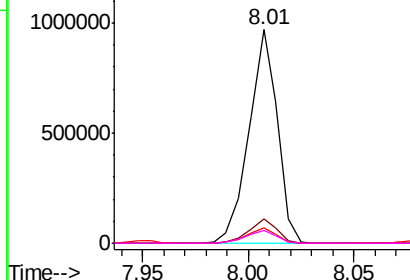
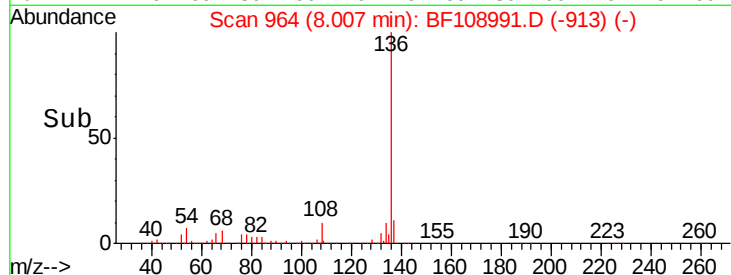
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	903035
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	7.4	6.6 9.8
68	6.3	5.0 7.4

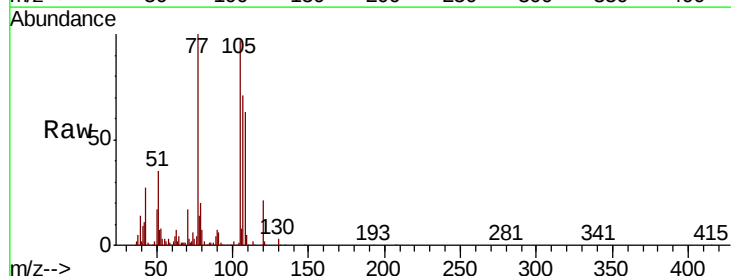


Abundance Ion 136.00 (135.70 to 136.70): E
1500000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

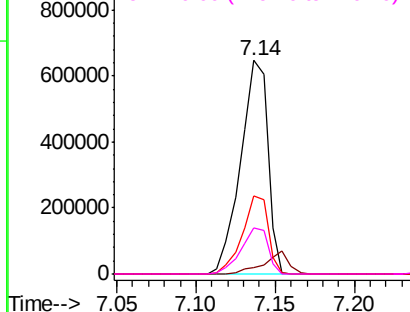
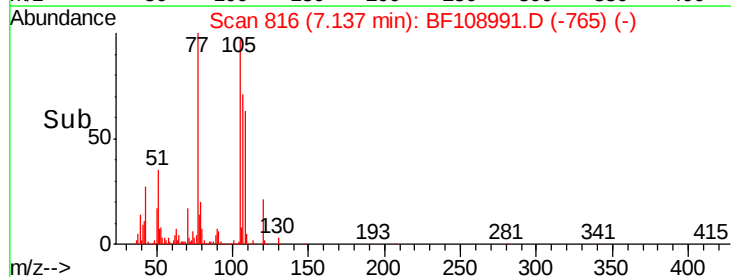


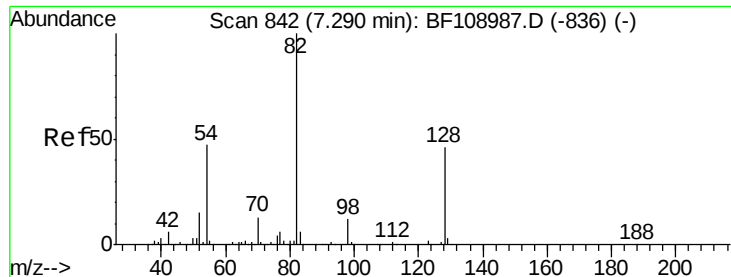
#22
Acetophenone
Concen: 37.633 ng
RT: 7.14 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion:105	Resp:	771773
Ion Ratio	Lower	Upper
105	100	
71	2.9	4.4 6.6#
51	36.3	22.3 33.5#
120	21.7	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
1000000 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

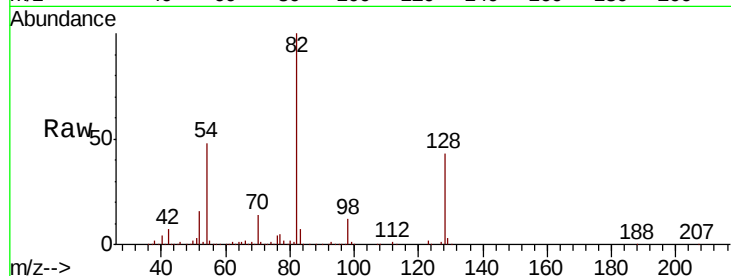




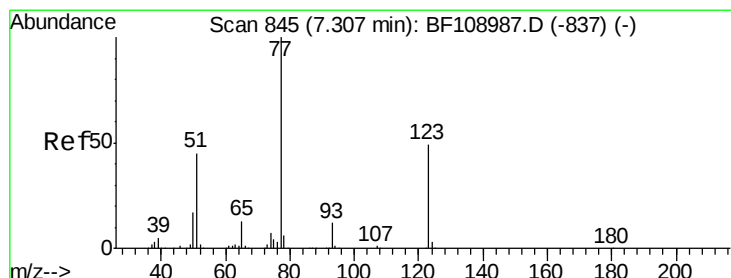
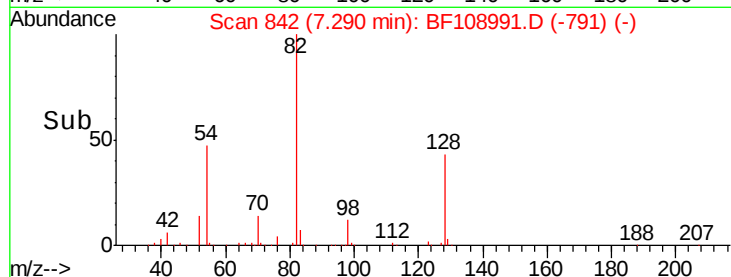
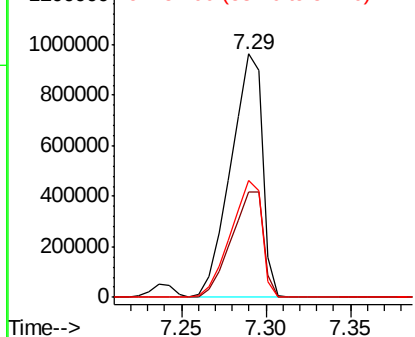
#23
 Nitrobenzene-d5
 Concen: 78.007 ng
 RT: 7.29 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1255929
 Ion Ratio Lower Upper
 82 100
 128 43.3 36.1 54.1
 54 48.3 41.4 62.2

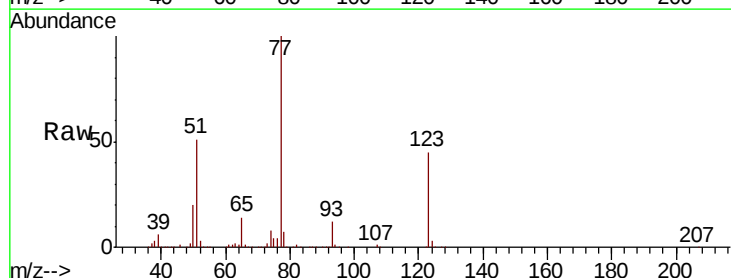


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

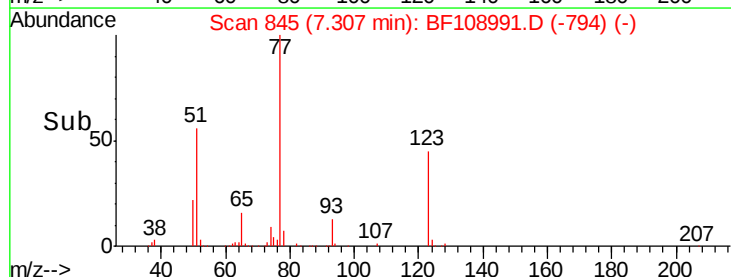
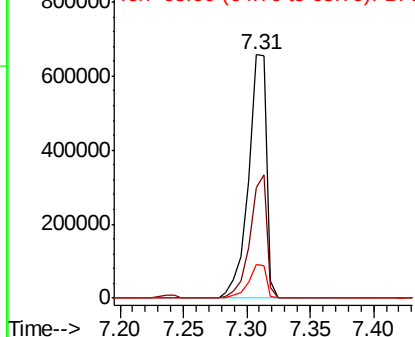


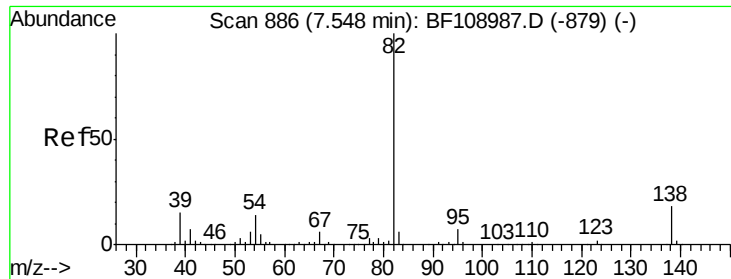
#24
 Nitrobenzene
 Concen: 39.504 ng
 RT: 7.31 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Tgt Ion: 77 Resp: 655751
 Ion Ratio Lower Upper
 77 100
 123 45.3 37.9 56.9
 65 13.7 11.0 16.4



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

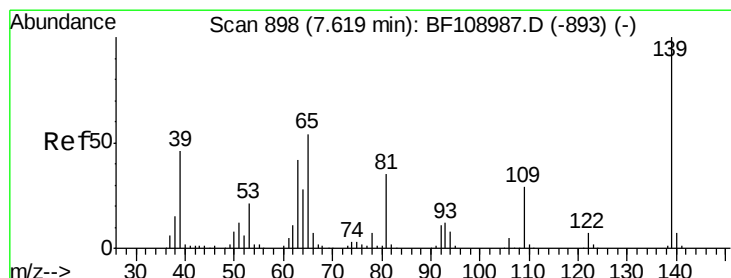
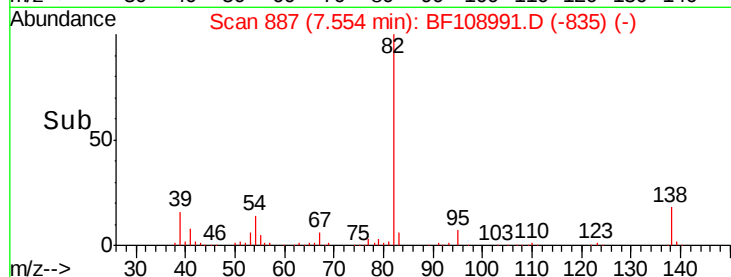
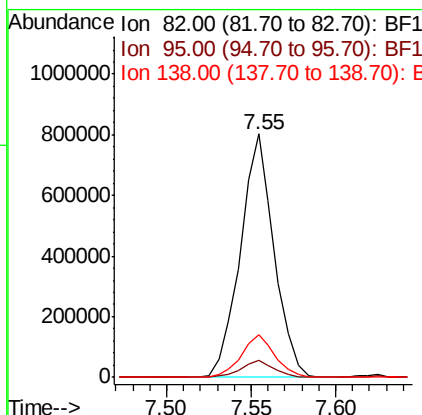
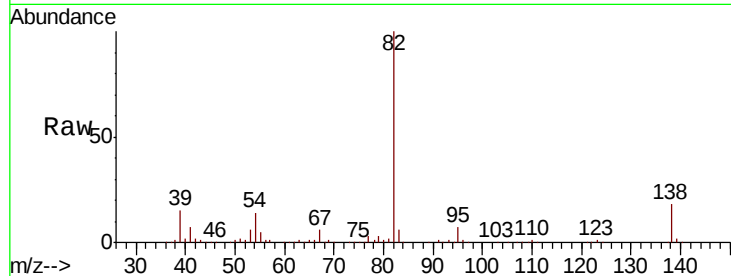




#25
Isophorone
Concen: 40.157 ng
RT: 7.55 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

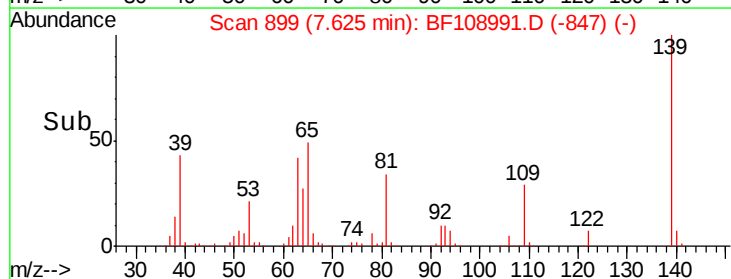
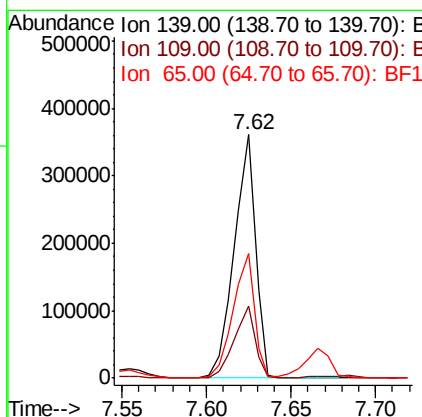
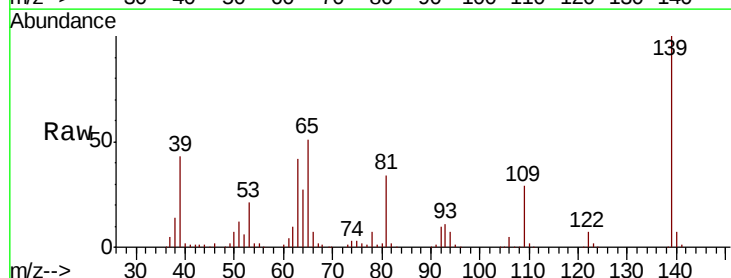
Instrument :
BNA_F
ClientSampled :

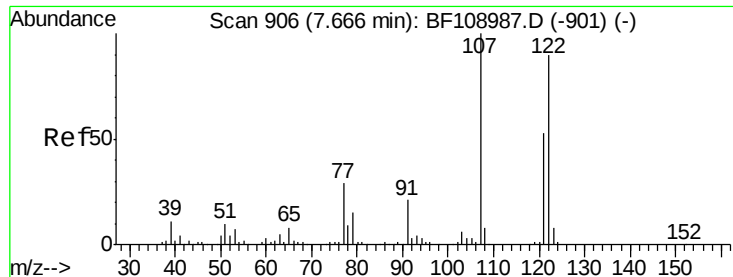
Tot Ion: 82 Resp: 1111370
Ion Ratio Lower Upper
82 100
95 6.9 5.2 7.8
138 17.7 14.9 22.3



#26
2-Nitrophenol
Concen: 41.037 ng
RT: 7.62 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion: 139 Resp: 318077
Ion Ratio Lower Upper
139 100
109 29.5 22.7 34.1
65 51.1 40.5 60.7

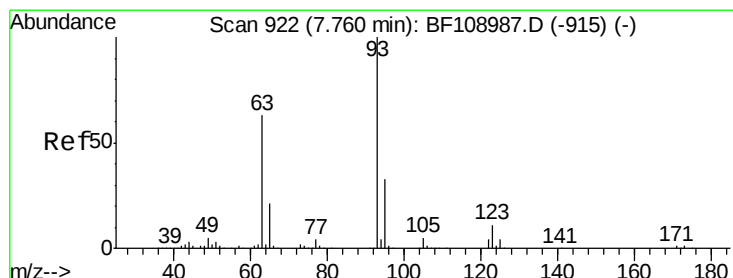
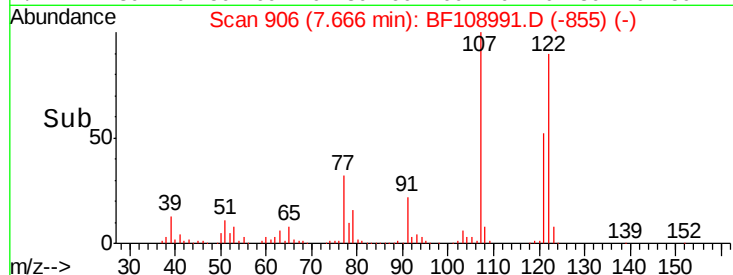
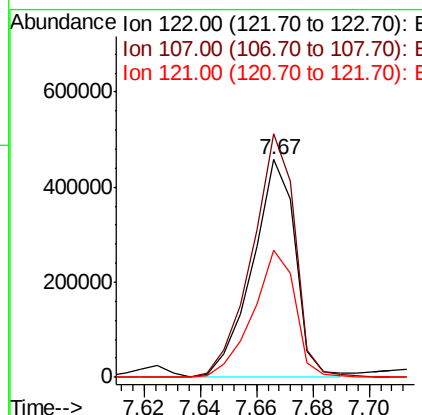
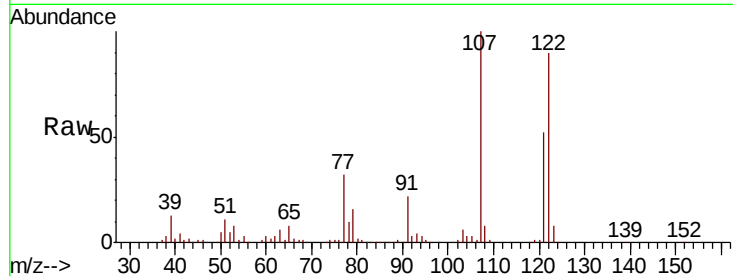




#27
 2,4-Dimethylphenol
 Concen: 39.722 ng
 RT: 7.67 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

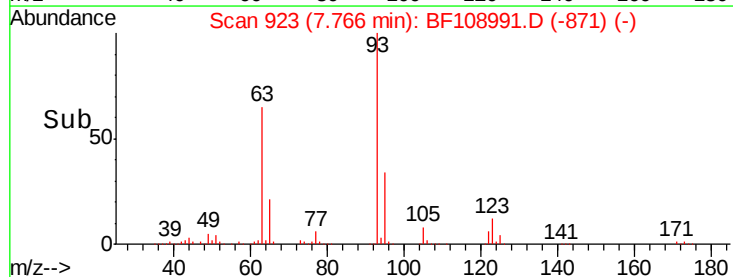
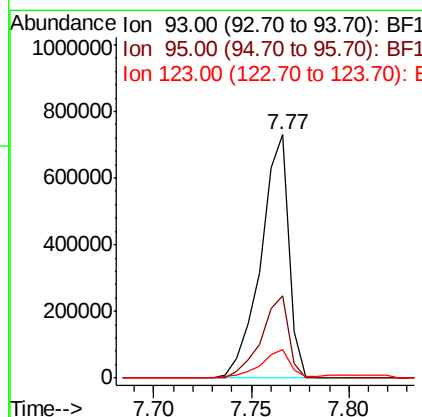
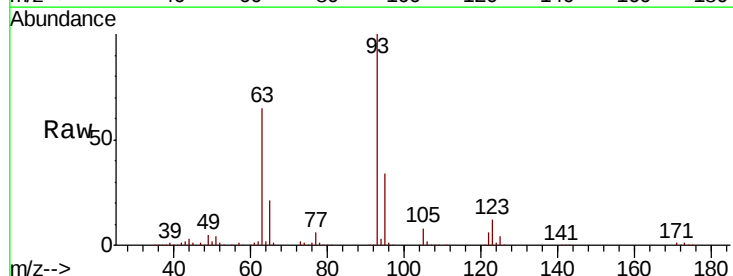
Instrument :
 BNA_F
 ClientSampleId :

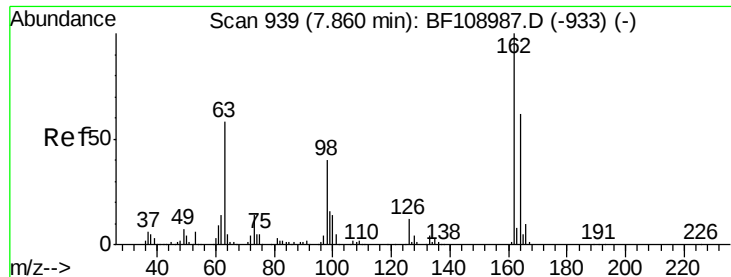
Tot Ion:122 Resp: 482961
 Ion Ratio Lower Upper
 122 100
 107 111.7 91.2 136.8
 121 58.2 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.838 ng
 RT: 7.77 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Tgt Ion: 93 Resp: 723326
 Ion Ratio Lower Upper
 93 100
 95 33.9 26.3 39.5
 123 11.9 9.8 14.6

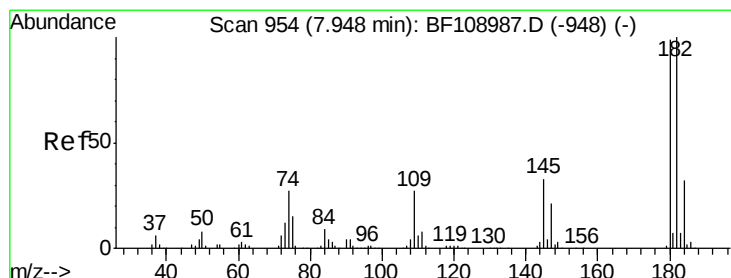
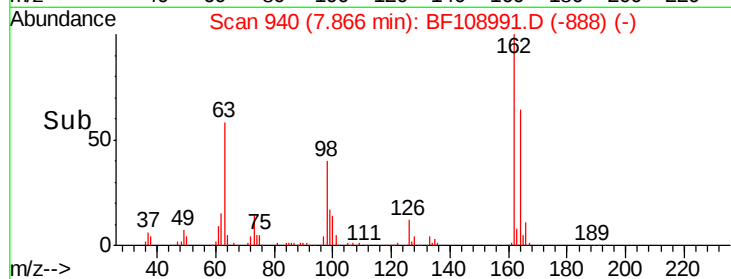
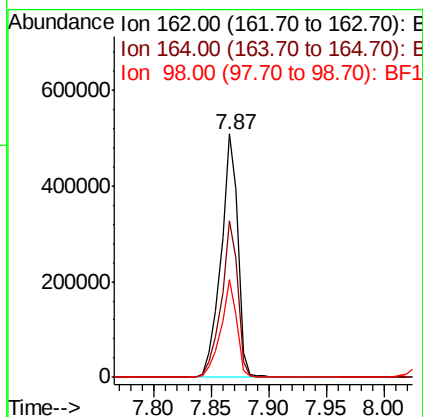
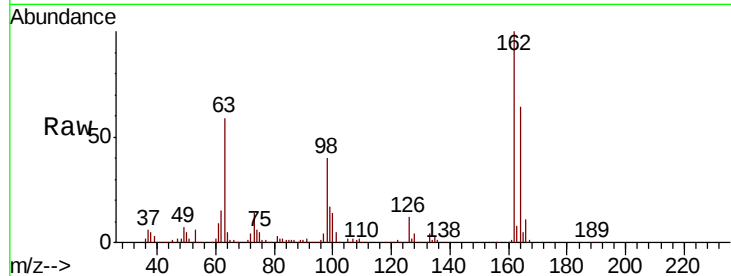




#29
2,4-Dichlorophenol
Concen: 39.805 ng
RT: 7.87 min Scan# 940
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

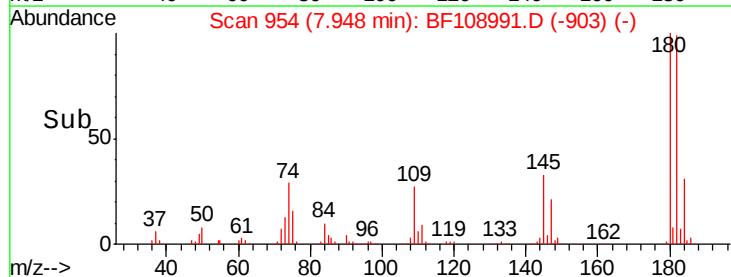
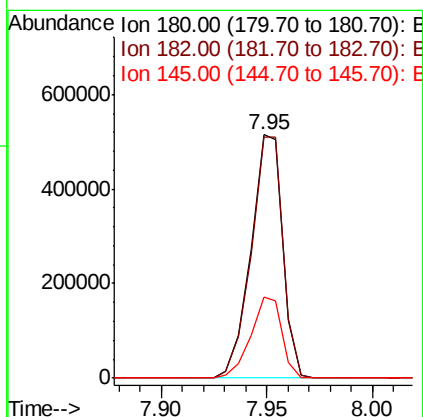
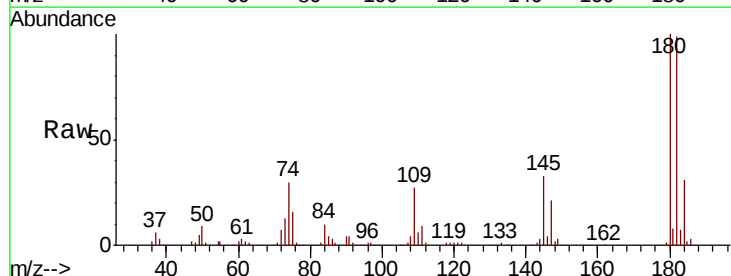
Instrument :
BNA_F
ClientSampleId :

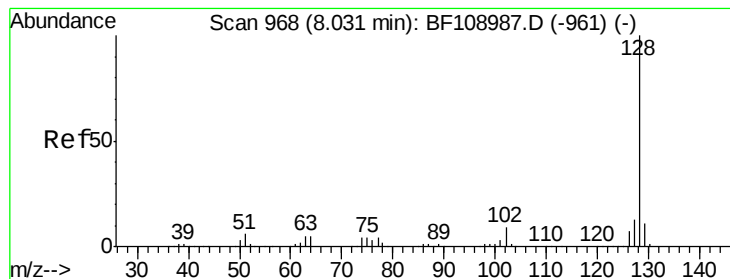
Tot Ion:162 Resp: 515740
Ion Ratio Lower Upper
162 100
164 64.1 42.7 82.7
98 40.3 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 38.407 ng
RT: 7.95 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion:180 Resp: 537913
Ion Ratio Lower Upper
180 100
182 98.9 76.8 115.2
145 33.5 26.5 39.7





#31

Naphthalene

Concen: 37.874 ng

RT: 8.03 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

Instrument :

BNA_F

ClientSampled :

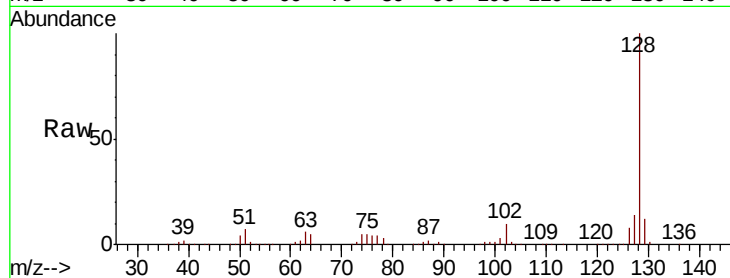
Tot Ion:128 Resp: 1587422

Ion Ratio Lower Upper

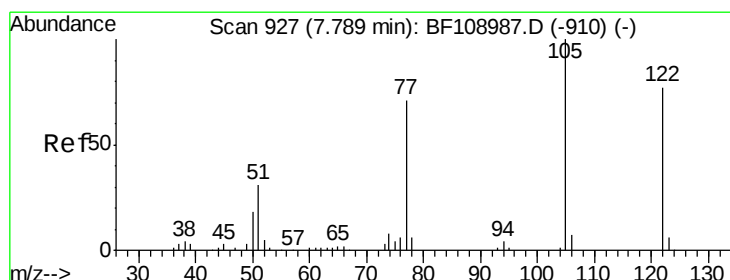
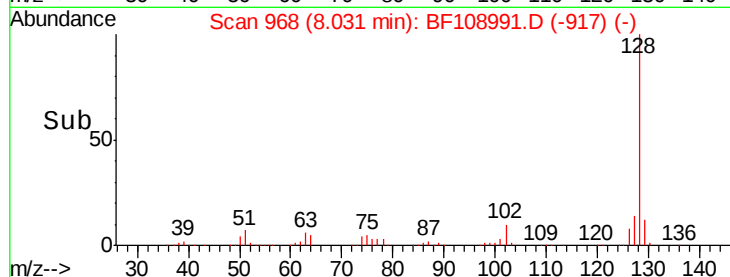
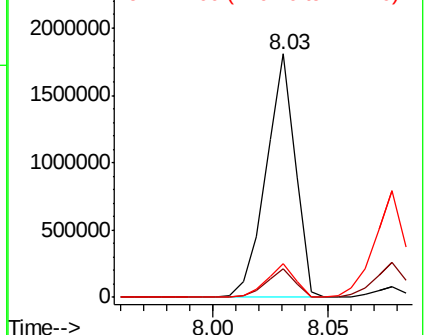
128 100

129 11.7 8.8 13.2

127 13.8 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: 51.968 ng

RT: 7.82 min Scan# 932

Delta R.T. 0.03 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

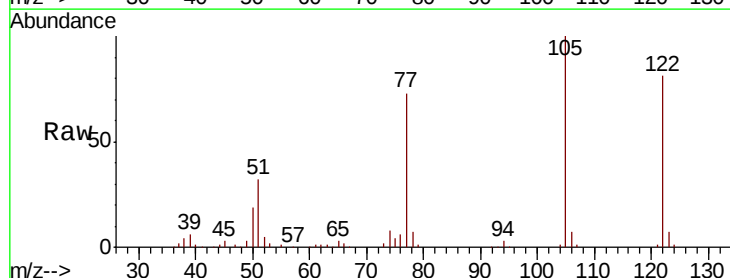
Tgt Ion:122 Resp: 412863

Ion Ratio Lower Upper

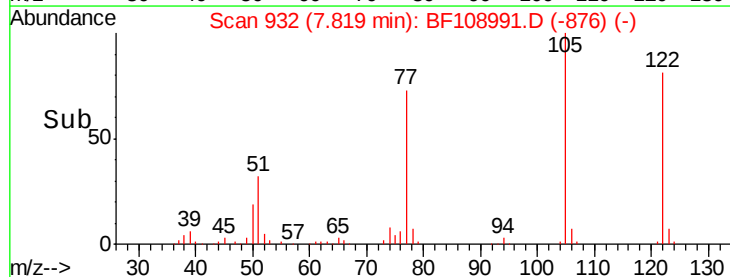
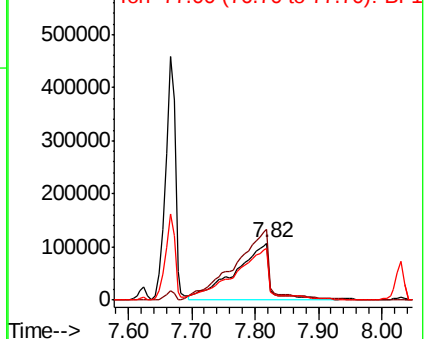
122 100

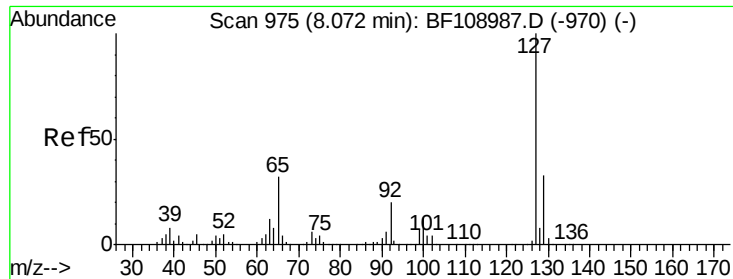
105 123.7 101.1 141.1

77 90.8 70.7 110.7



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

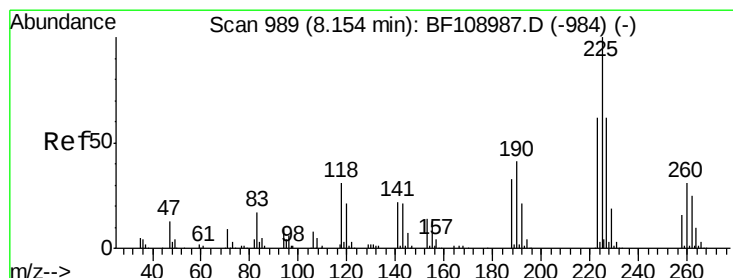
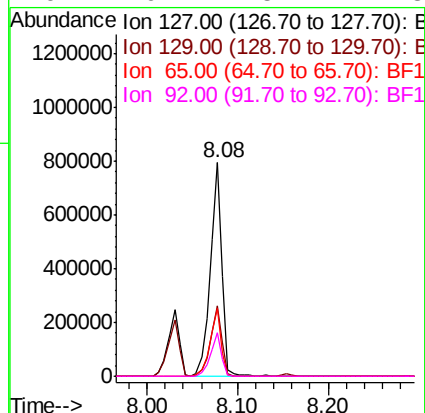
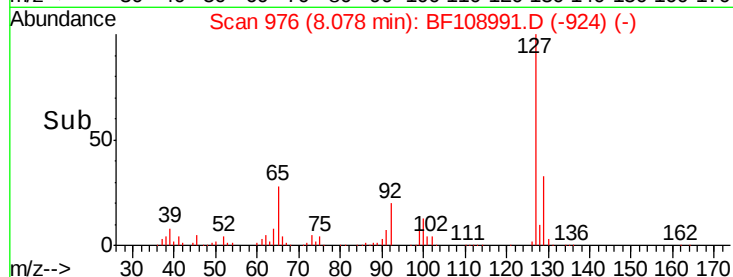
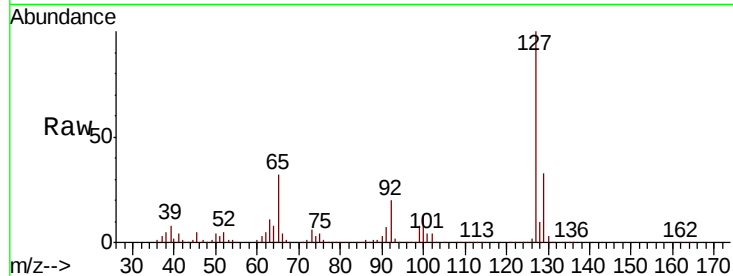




#33
4-Chloroaniline
Concen: 38.434 ng
RT: 8.08 min Scan# 976
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

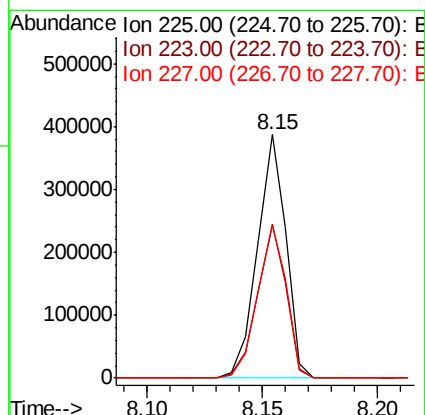
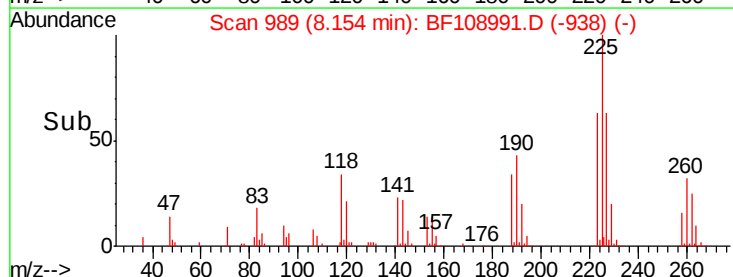
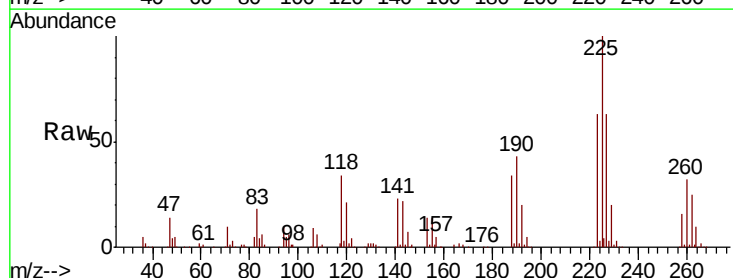
Instrument :
BNA_F
ClientSampleId :

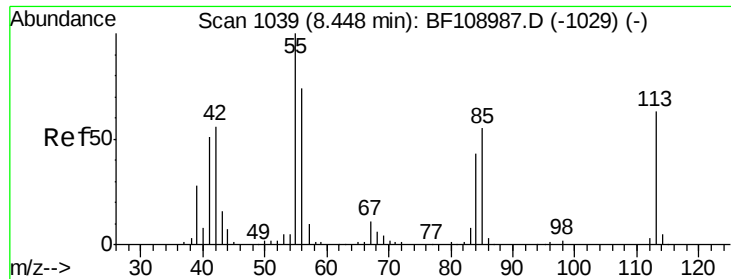
Tot Ion:	127	Resp:	716238
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	31.6	25.0	37.4
92	20.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.059 ng
RT: 8.15 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion:	225	Resp:	333974
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	62.8	51.9	77.9

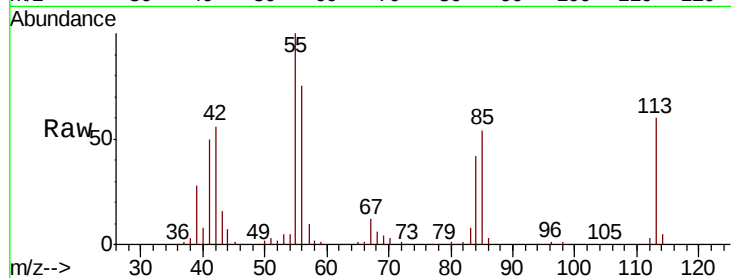




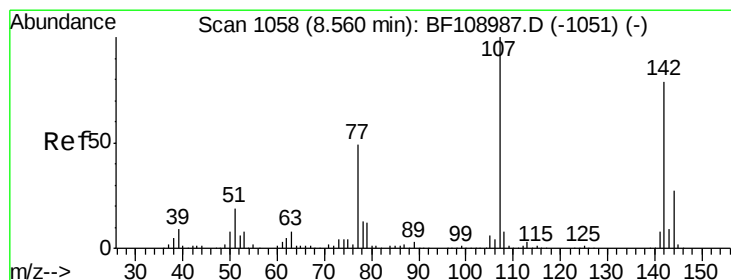
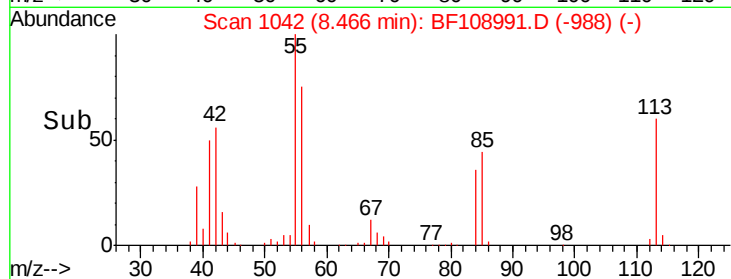
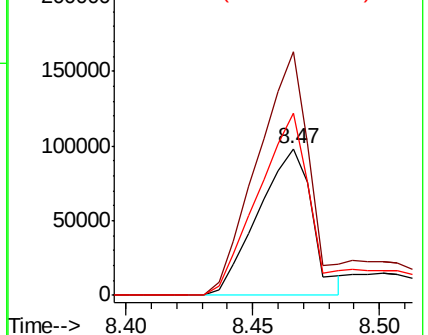
#35
Caprolactam
Concen: 34.575 ng
RT: 8.47 min Scan# 1042
Delta R.T. 0.02 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 146051
Ion Ratio Lower Upper
113 100
55 165.7 163.3 203.3
56 124.1 115.7 155.7

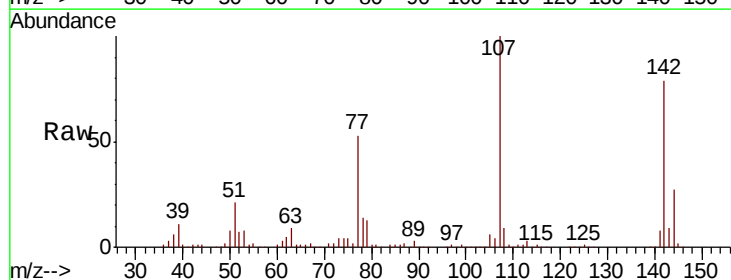


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

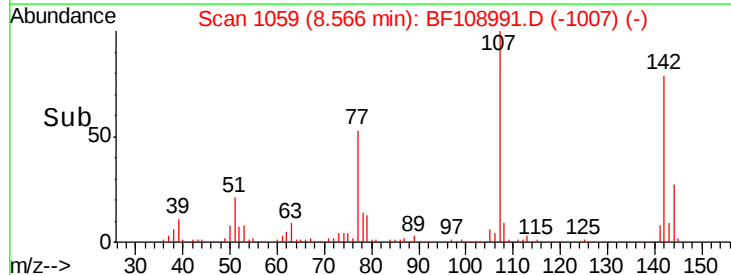
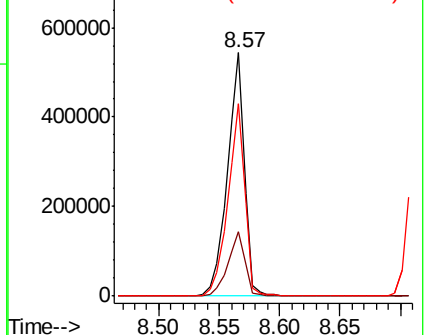


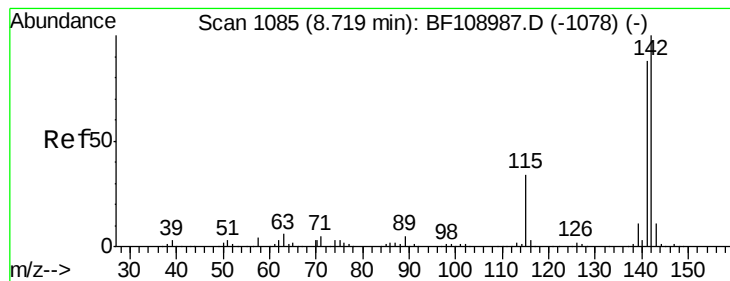
#36
4-Chloro-3-methylphenol
Concen: 39.151 ng
RT: 8.57 min Scan# 1059
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion:107 Resp: 533996
Ion Ratio Lower Upper
107 100
144 26.7 20.5 30.7
142 79.0 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: 37.825 ng

RT: 8.72 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

Instrument :

BNA_F

ClientSampled :

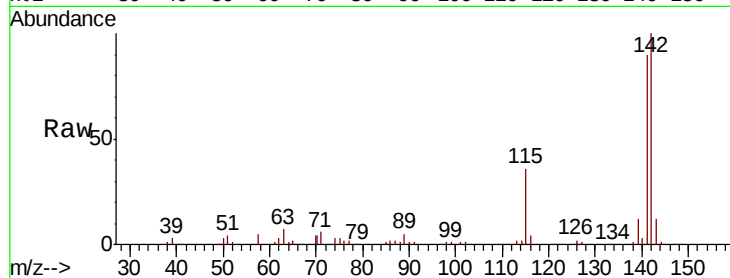
Tot Ion:142 Resp: 1033450

Ion Ratio Lower Upper

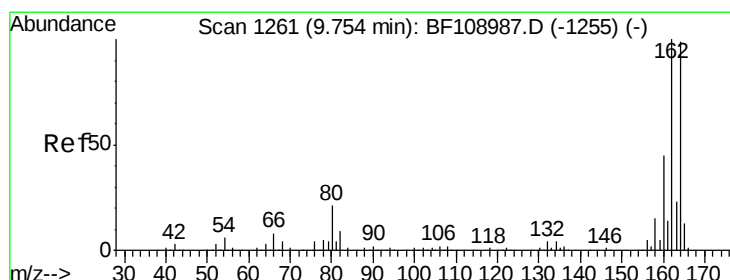
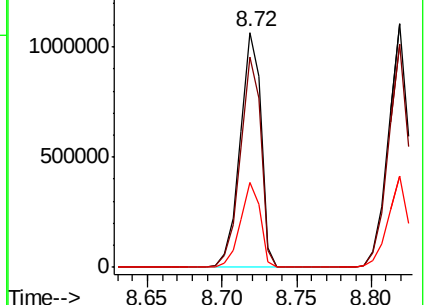
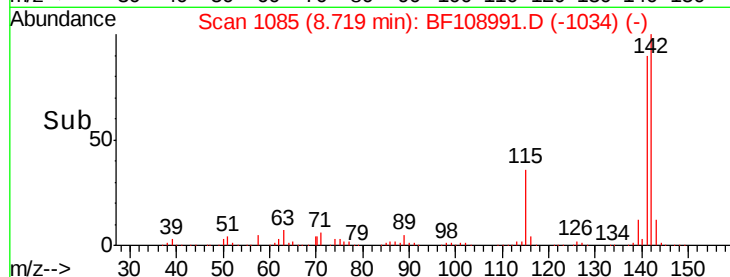
142 100

141 89.8 70.8 106.2

115 36.1 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
1500000
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: 9.76 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

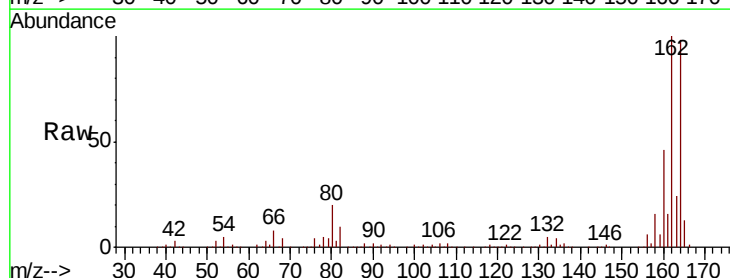
Tgt Ion:164 Resp: 445843

Ion Ratio Lower Upper

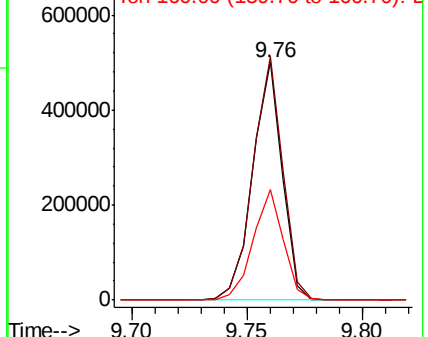
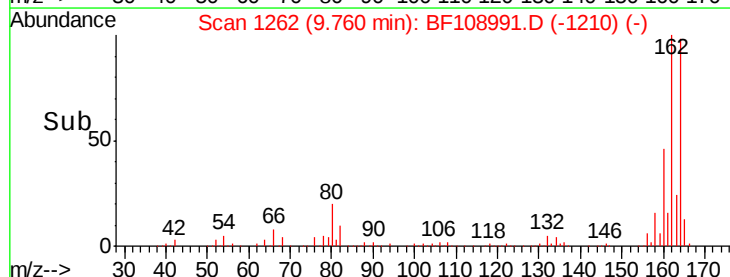
164 100

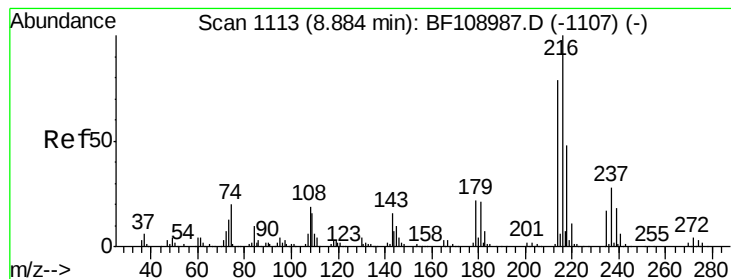
162 102.2 86.1 129.1

160 46.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
600000
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: 36.999 ng

RT: 8.89 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 519183

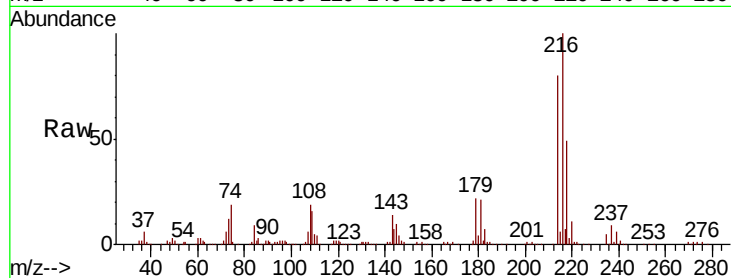
Ion Ratio Lower Upper

216 100

214 80.0 63.0 94.4

179 21.1 18.1 27.1

108 19.6 17.2 25.8

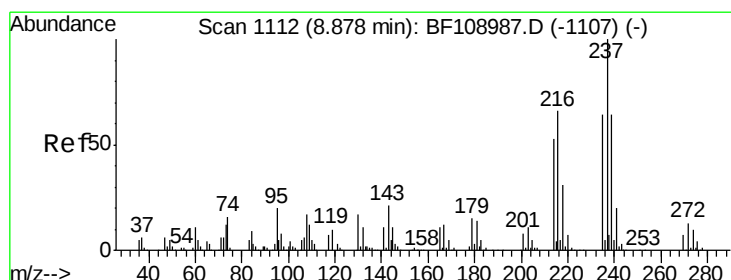
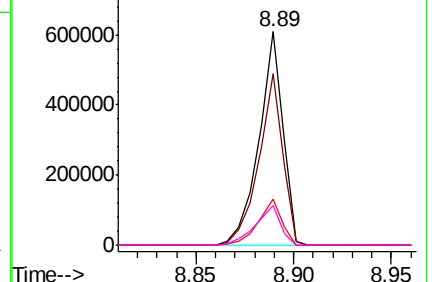
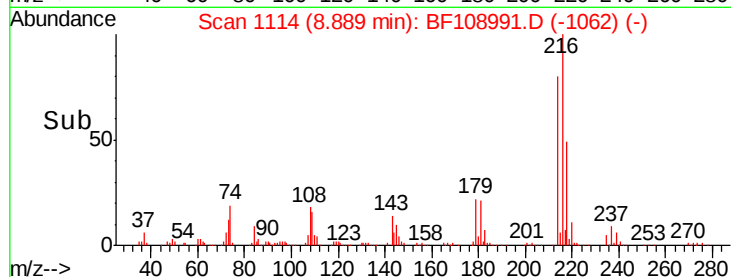


Abundance Ion 216.00 (215.70 to 216.70): E

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: 43.030 ng

RT: 8.88 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

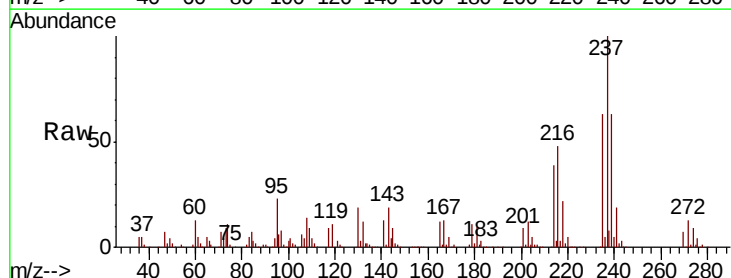
Tgt Ion:237 Resp: 304224

Ion Ratio Lower Upper

237 100

235 62.6 44.8 84.8

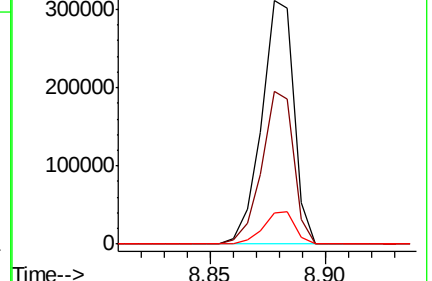
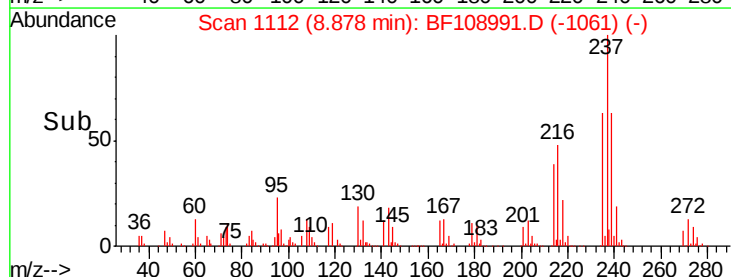
272 12.5 0.0 33.3

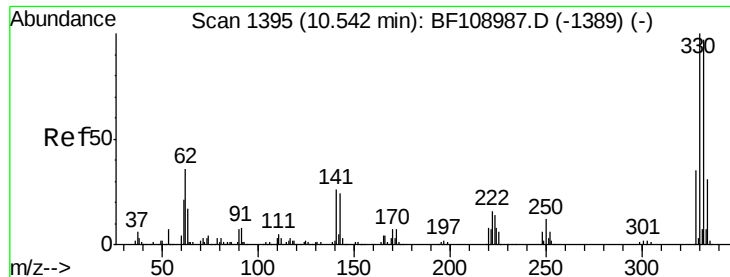


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

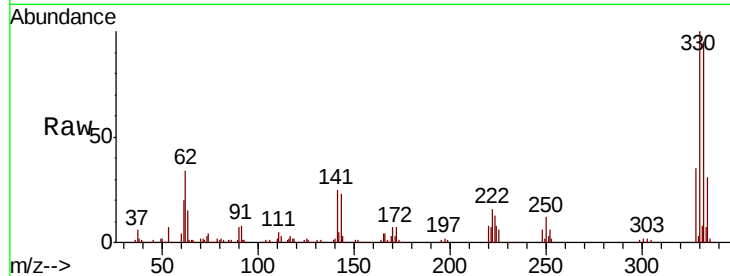




#41
 2,4,6-Tribromophenol
 Concen: 78.645 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. 0.01 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	31.2	29.9	44.9

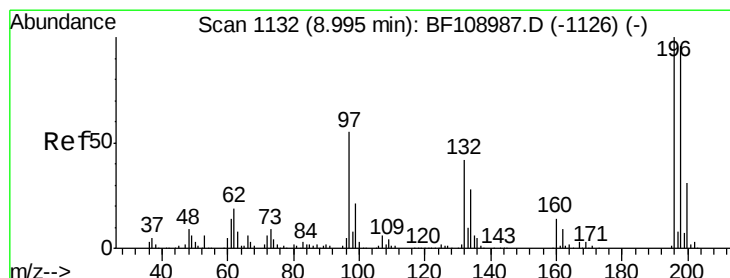
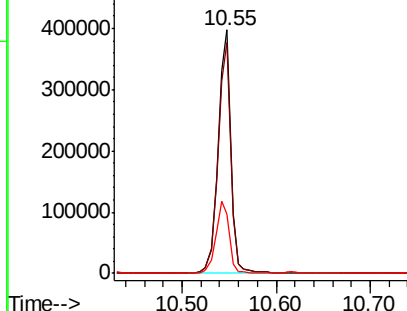
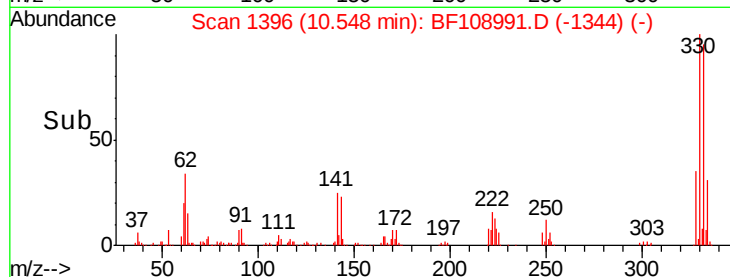


Abundance

Ion 329.80 (329.50 to 330.50): E

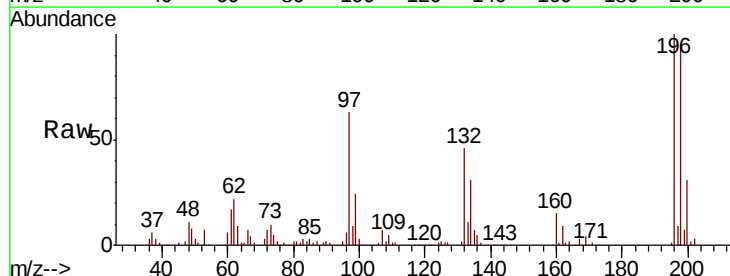
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 39.605 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.7	113.5
200	30.7	24.5	36.7

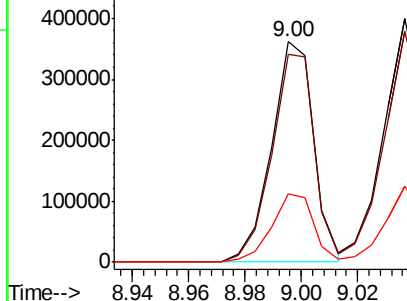
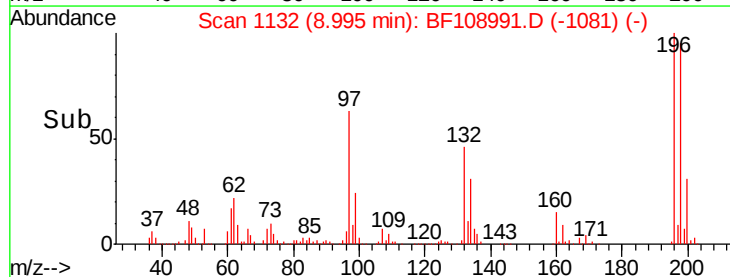


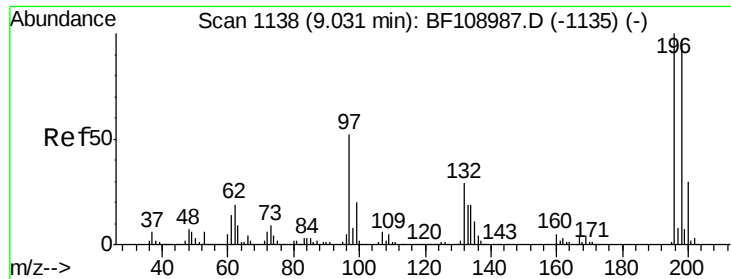
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

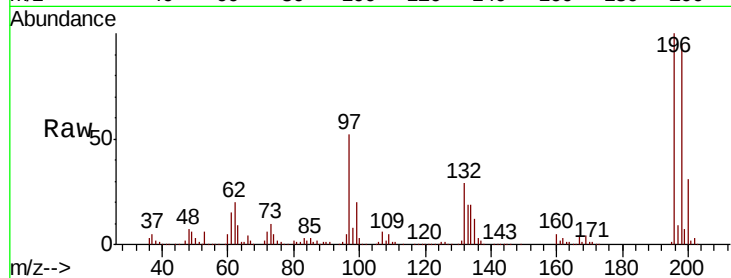




#43
 2,4,5-Trichlorophenol
 Concen: 40.310 ng
 RT: 9.04 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	94.9	74.6	112.0	
97	52.5	42.9	64.3	
132	28.8	26.3	39.5	



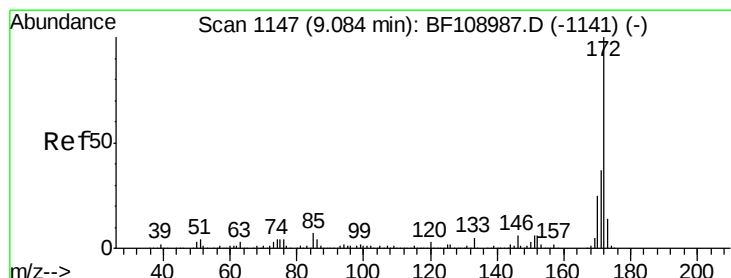
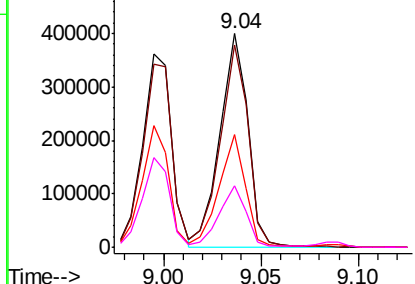
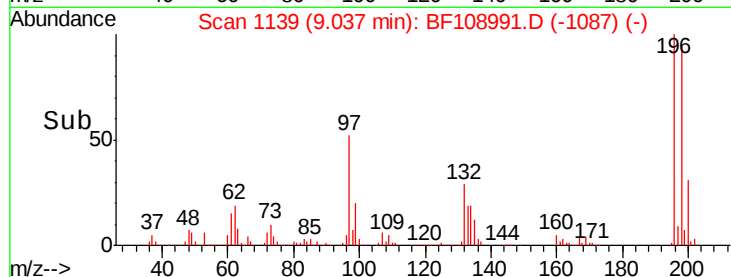
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

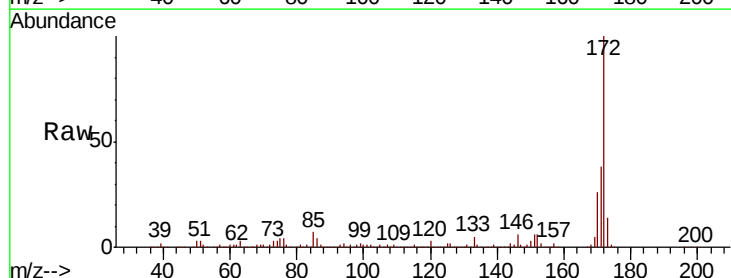
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 74.148 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. 0.01 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	37.6	29.7	44.5	
170	25.9	19.6	29.4	

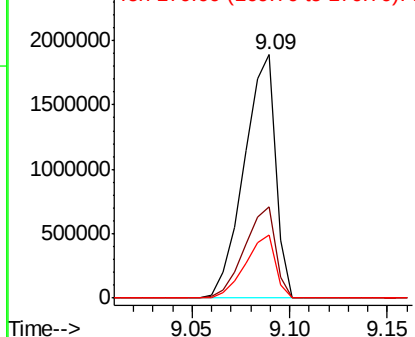
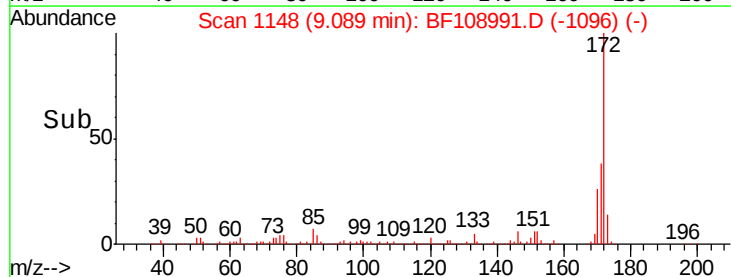


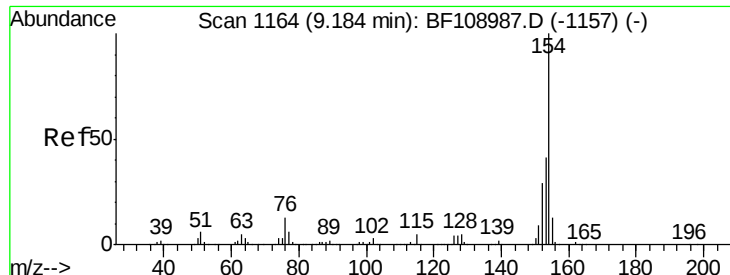
Abundance

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

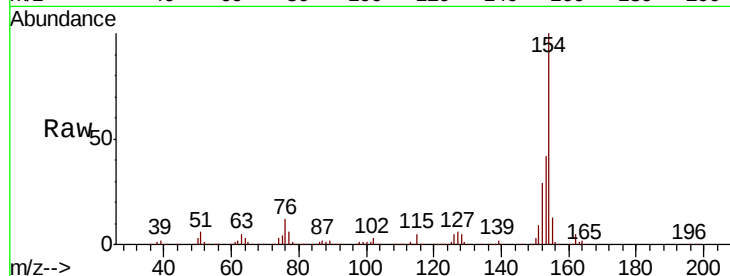




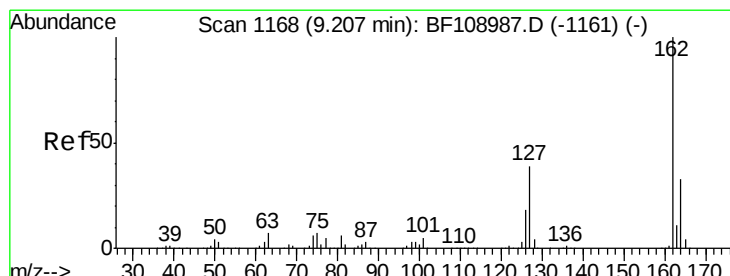
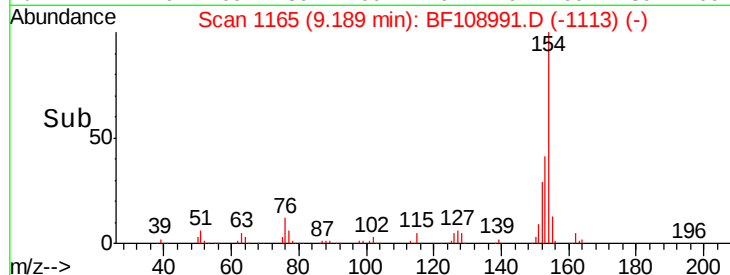
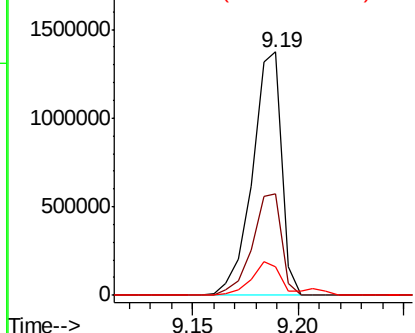
#45
 1,1'-Biphenyl
 Concen: 37.116 ng
 RT: 9.19 min Scan# 1165
 Delta R.T. 0.01 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1323905
 Ion Ratio Lower Upper
 154 100
 153 41.5 21.3 61.3
 76 11.9 0.0 34.0

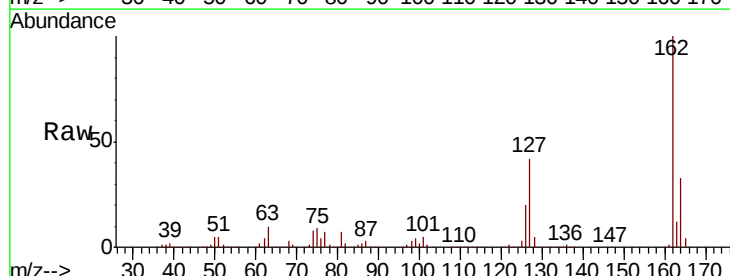


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

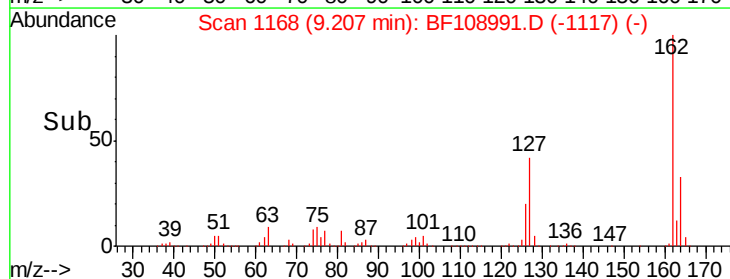
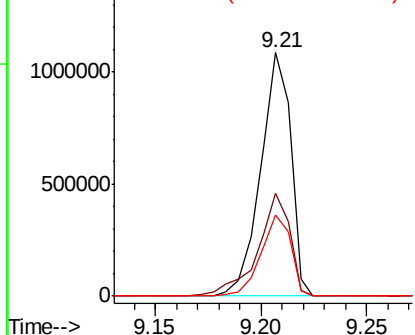


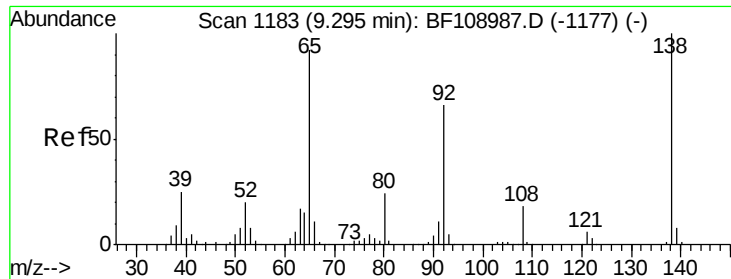
#46
 2-Chloronaphthalene
 Concen: 37.830 ng
 RT: 9.21 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Tgt Ion:162 Resp: 1080663
 Ion Ratio Lower Upper
 162 100
 127 42.3 33.9 50.9
 164 33.2 26.5 39.7



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

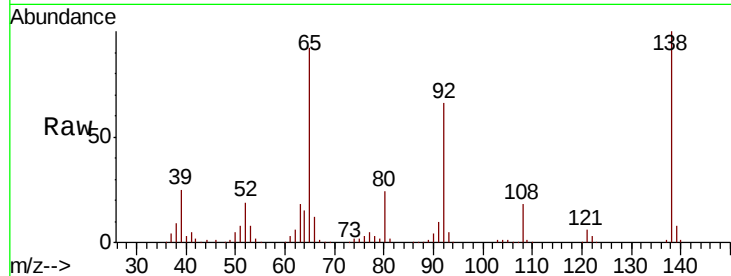




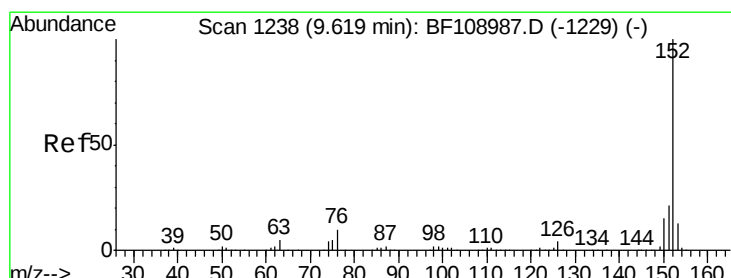
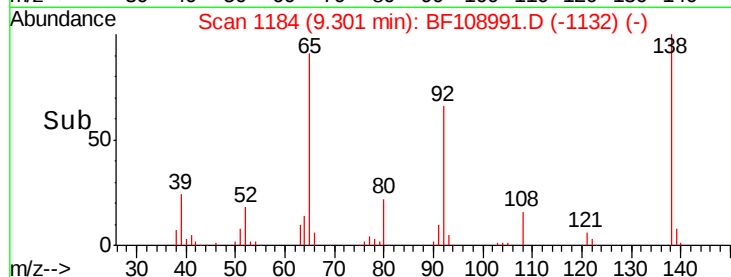
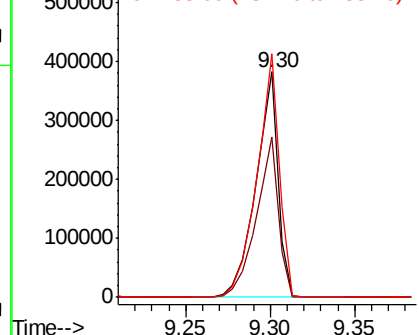
#47
2-Nitroaniline
Concen: 40.170 ng
RT: 9.30 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 352771
Ion Ratio Lower Upper
65 100
92 71.5 55.8 83.6
138 108.2 91.2 136.8

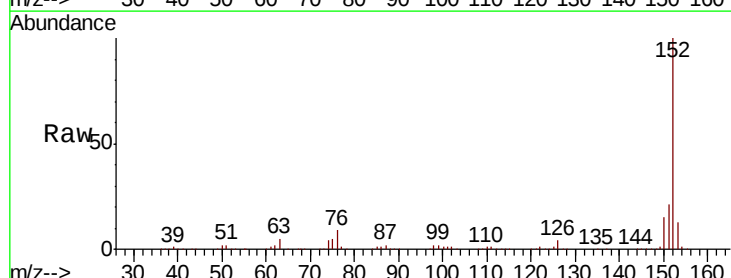


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

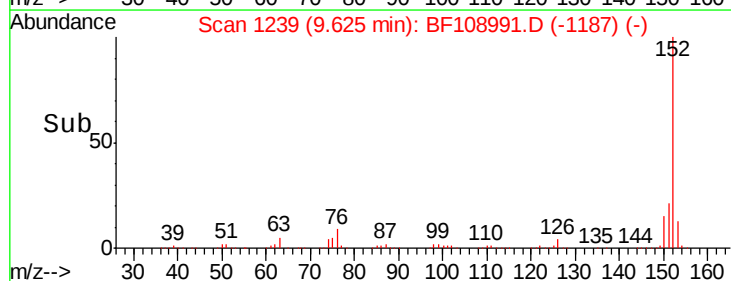
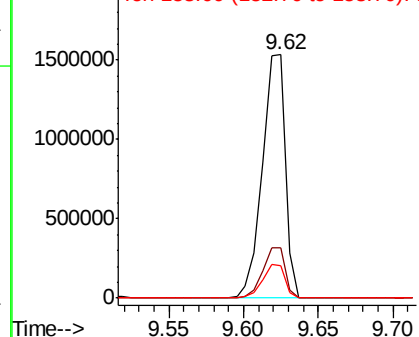


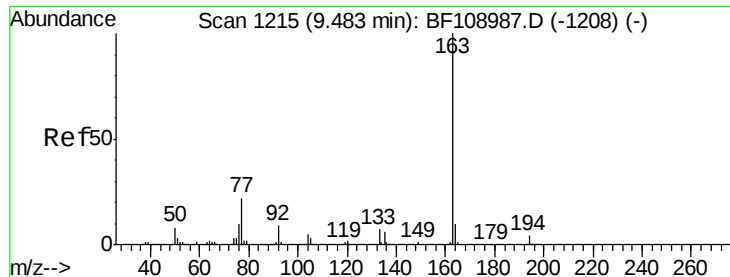
#48
Acenaphthylene
Concen: 37.511 ng
RT: 9.62 min Scan# 1239
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion: 152 Resp: 1615573
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

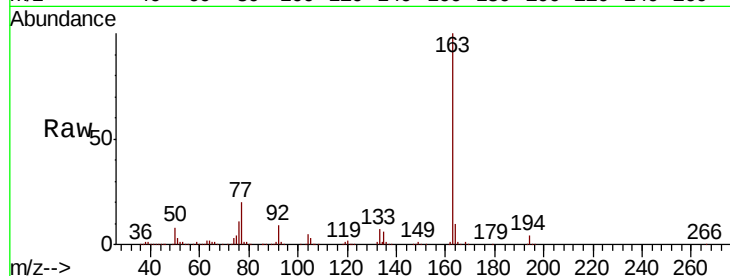




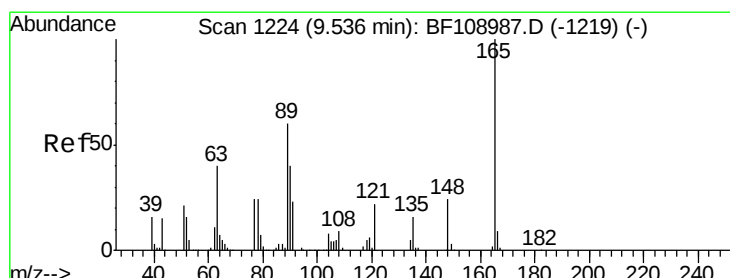
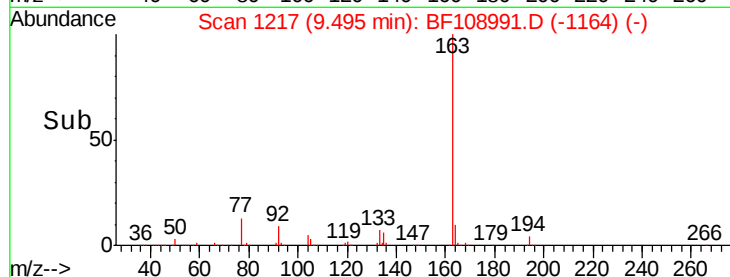
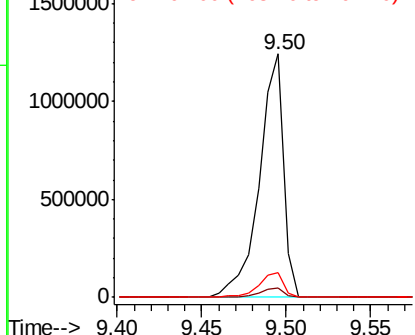
#49
Dimethylphthalate
Concen: 38.771 ng
RT: 9.50 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1235476
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1
164 10.2 8.2 12.2

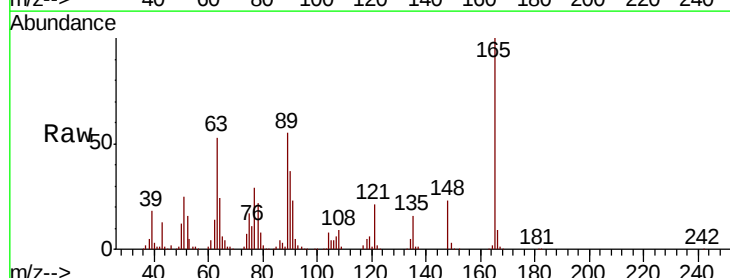


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

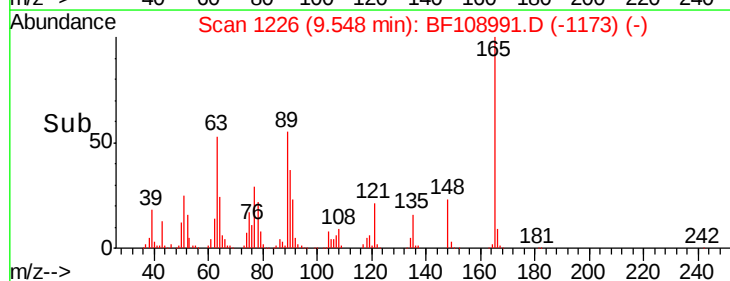
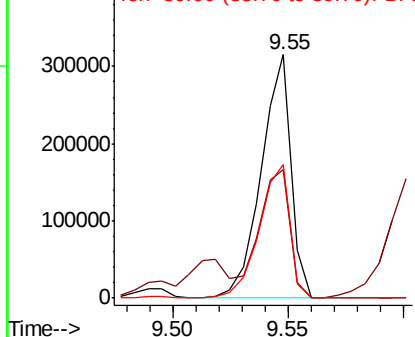


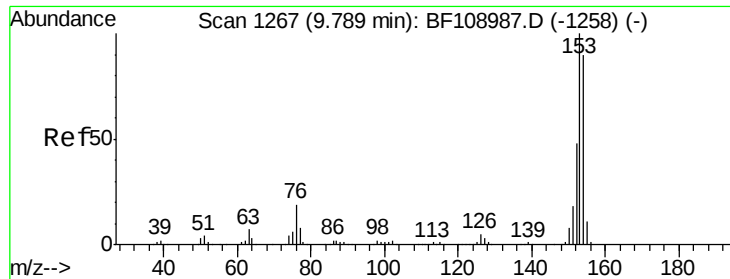
#50
2,6-Dinitrotoluene
Concen: 40.087 ng
RT: 9.55 min Scan# 1226
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion:165 Resp: 283288
Ion Ratio Lower Upper
165 100
63 52.7 44.7 67.1
89 55.0 44.0 66.0



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





#51

Acenaphthene

Concen: 37.930 ng

RT: 9.80 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

Instrument :

BNA_F

ClientSampleId :

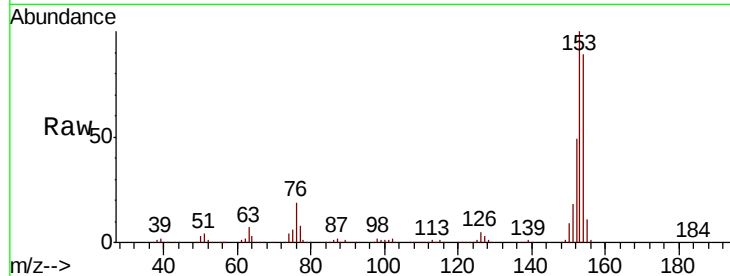
Tot Ion:154 Resp: 1017235

Ion Ratio Lower Upper

154 100

153 112.7 91.2 136.8

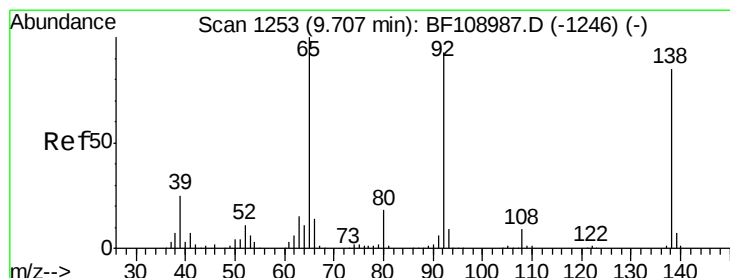
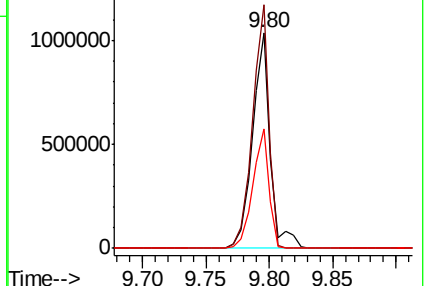
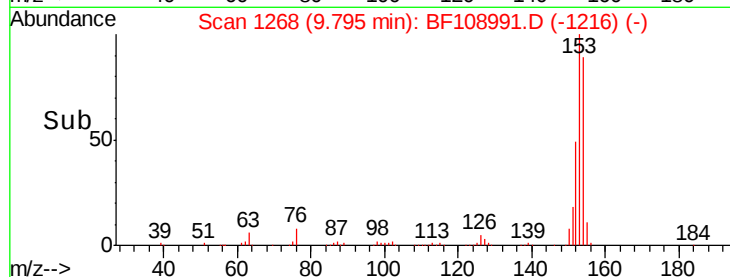
152 55.0 43.8 65.8



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: 40.045 ng

RT: 9.71 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

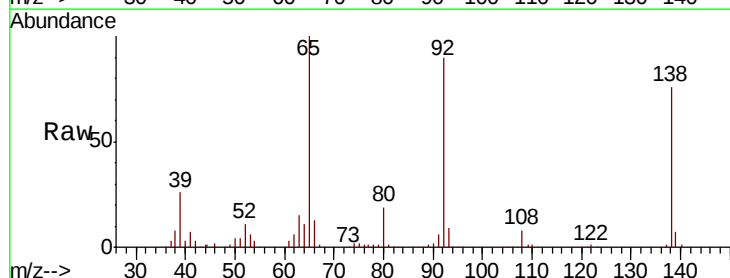
Tgt Ion:138 Resp: 333230

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

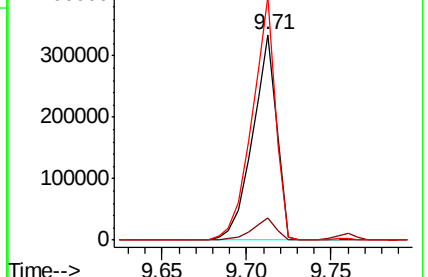
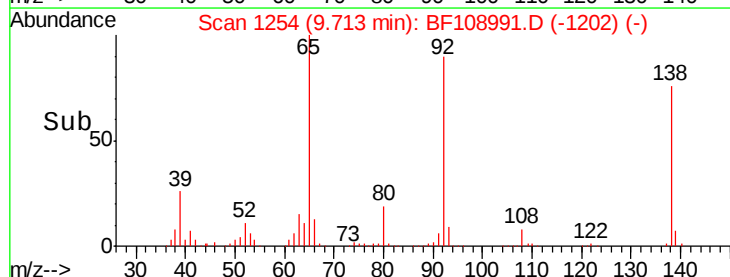
92 118.5 89.4 134.2

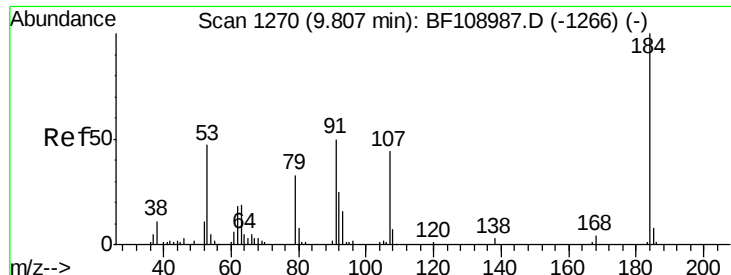


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

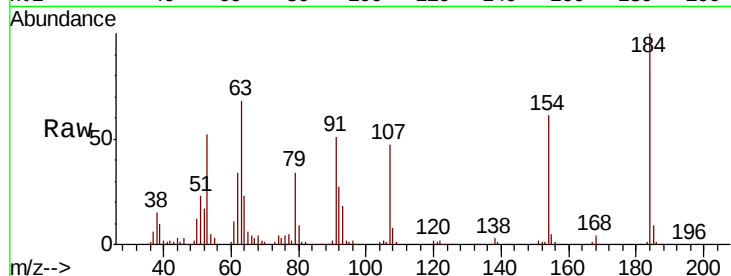




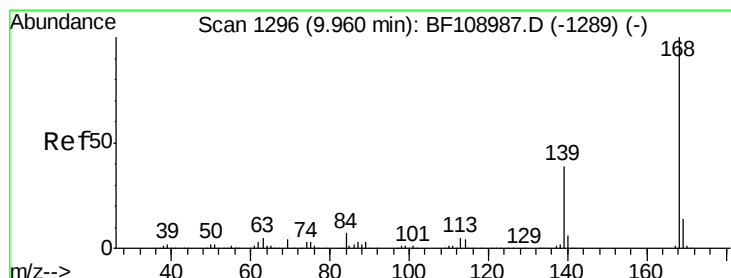
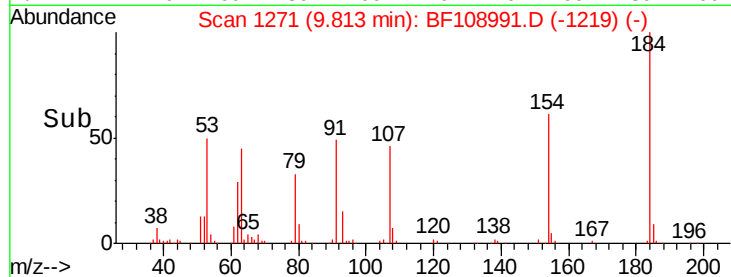
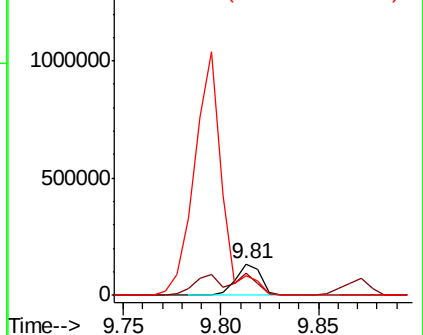
#53
 2,4-Dinitrophenol
 Concen: 45.374 ng
 RT: 9.81 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:184 Resp: 123577
 Ion Ratio Lower Upper
 184 100
 63 68.4 54.2 81.2
 154 61.1 184.0 276.0#

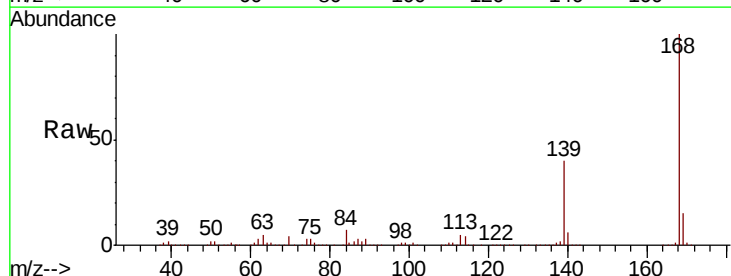


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

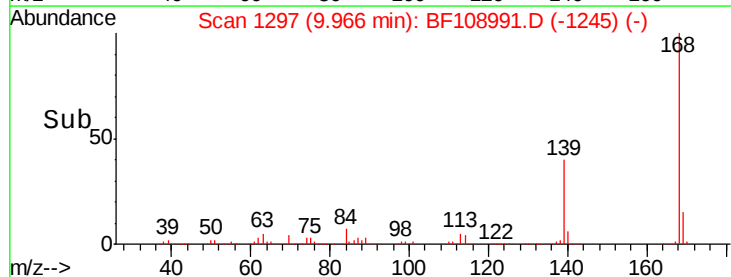
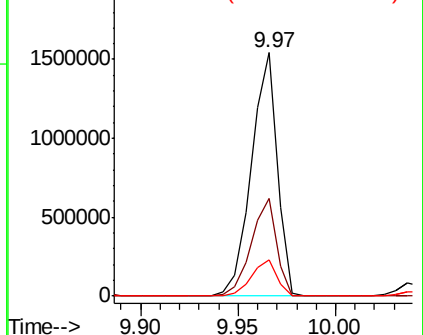


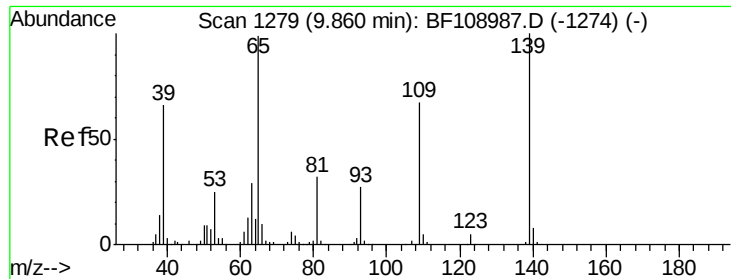
#54
 Dibenzofuran
 Concen: 36.592 ng
 RT: 9.97 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Tgt Ion:168 Resp: 1418146
 Ion Ratio Lower Upper
 168 100
 139 40.3 30.1 45.1
 169 14.9 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

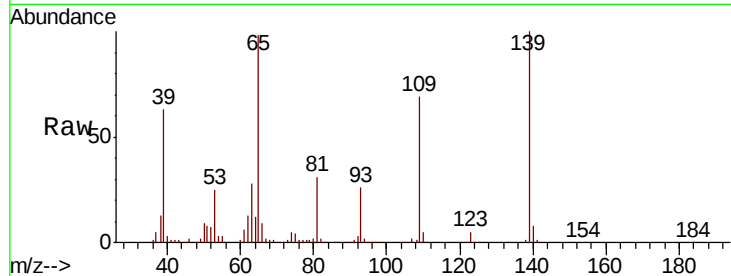




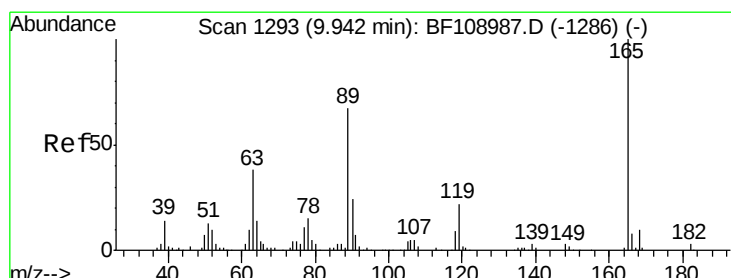
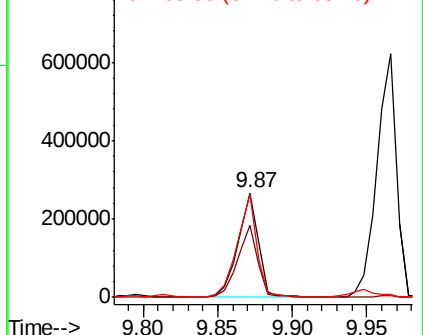
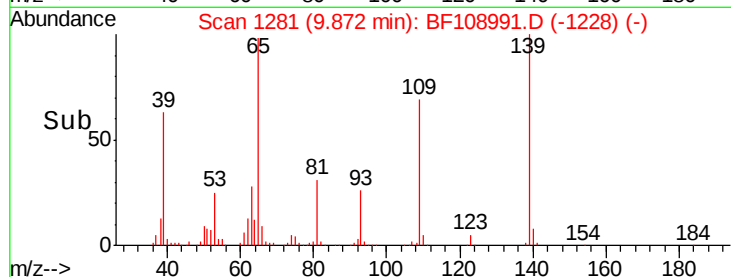
#55
4-Nitrophenol
Concen: 42.009 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 257552
Ion Ratio Lower Upper
139 100
109 68.8 48.4 88.4
65 98.2 72.6 112.6

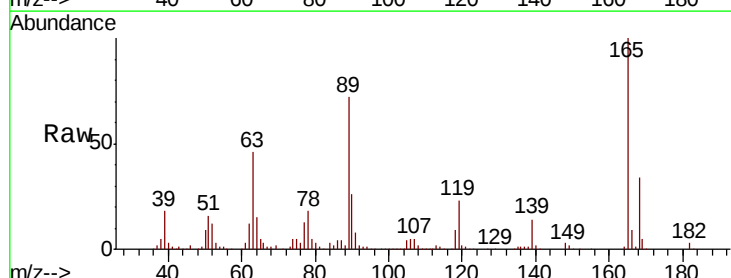


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

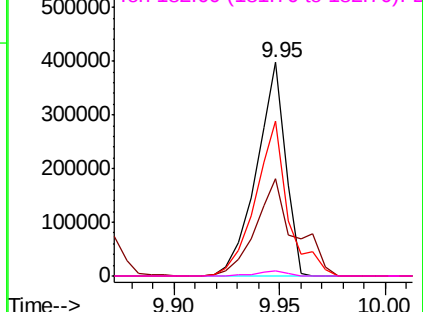
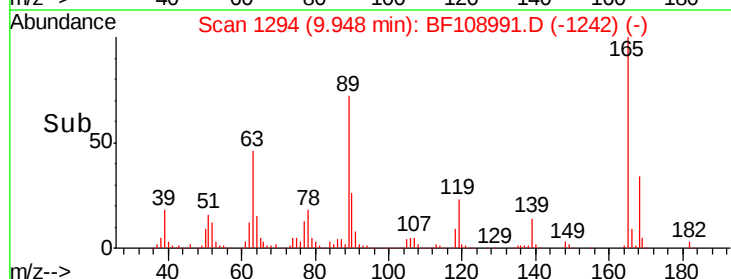


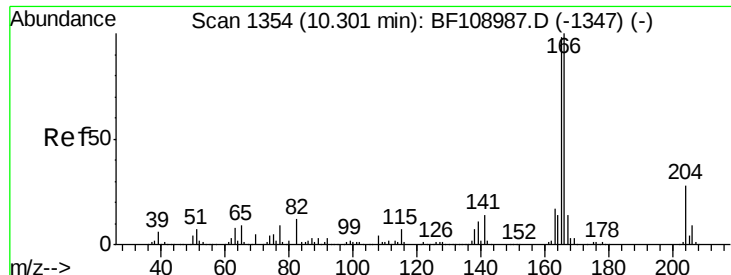
#56
2,4-Dinitrotoluene
Concen: 40.847 ng
RT: 9.95 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion:165 Resp: 377502
Ion Ratio Lower Upper
165 100
63 45.5 36.4 54.6
89 72.5 57.8 86.6
182 2.5 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

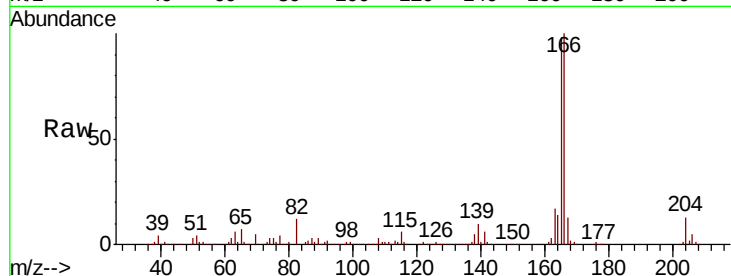




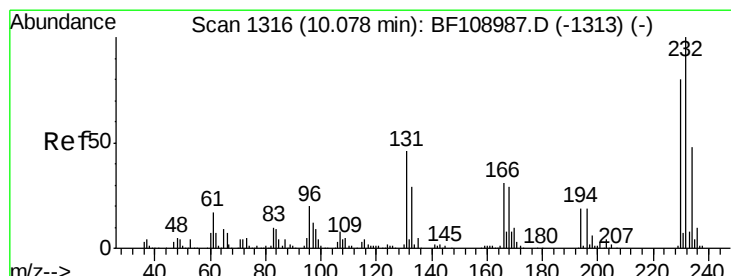
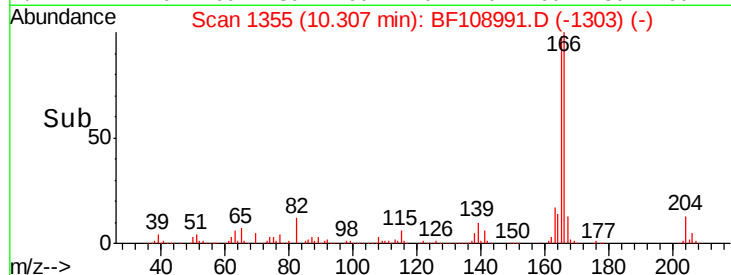
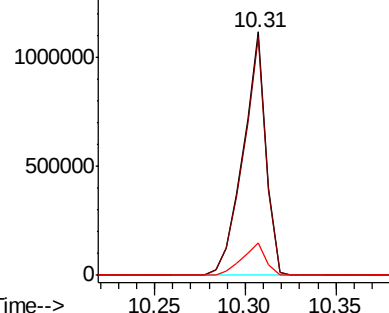
#57
 Fluorene
 Concen: 37.883 ng
 RT: 10.31 min Scan# 1355
 Delta R.T. 0.01 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 978406
 Ion Ratio Lower Upper
 166 100
 165 97.8 79.8 119.8
 167 13.3 10.6 16.0

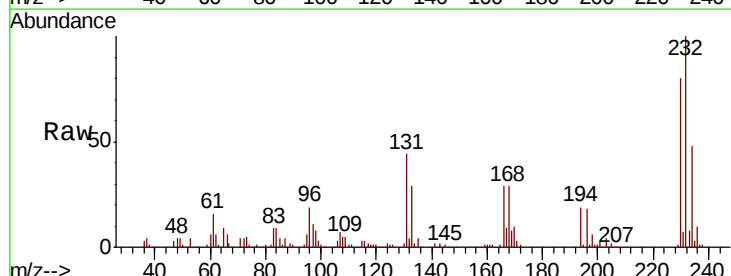


Abundance Ion 166.00 (165.70 to 166.70): E
 1500000 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

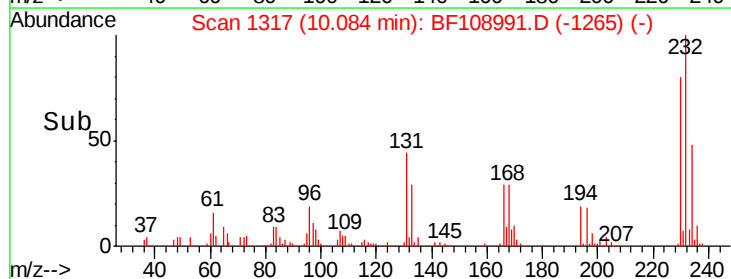
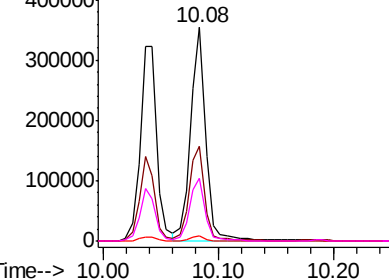


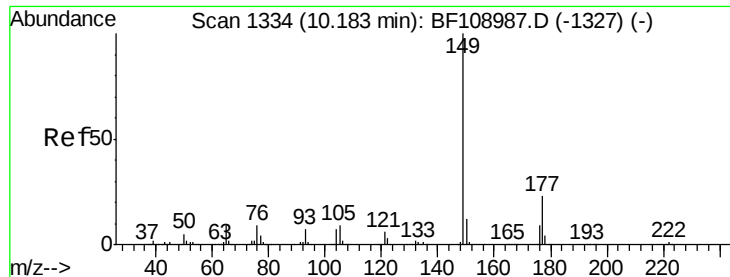
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.841 ng
 RT: 10.08 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Tgt Ion:232 Resp: 325157
 Ion Ratio Lower Upper
 232 100
 131 46.3 43.8 65.8
 130 2.2 2.1 3.1
 166 29.7 27.8 41.6



Abundance Ion 232.00 (231.70 to 232.70): E
 500000 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.829 ng

RT: 10.19 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

Instrument :

BNA_F

ClientSampleId :

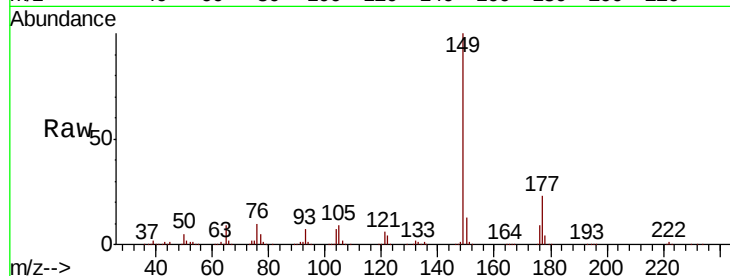
Tot Ion:149 Resp: 1249484

Ion Ratio Lower Upper

149 100

177 23.0 16.1 24.1

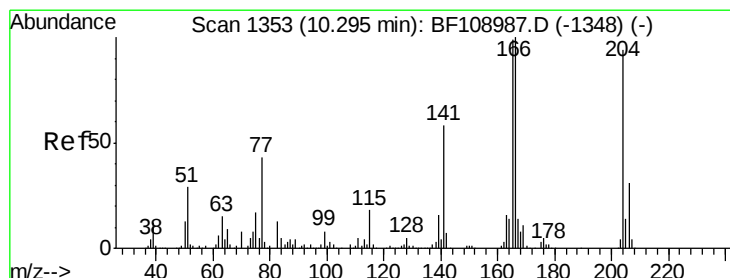
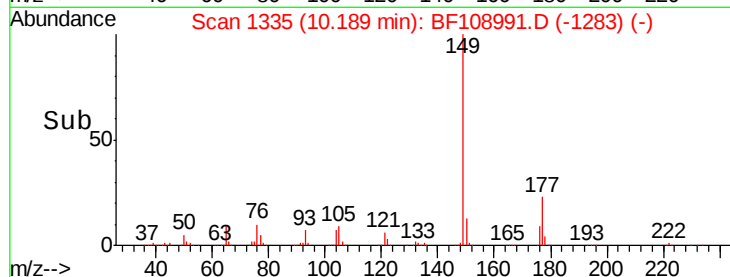
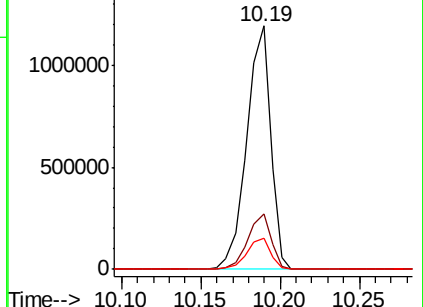
150 12.9 10.1 15.1



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: 37.832 ng

RT: 10.30 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

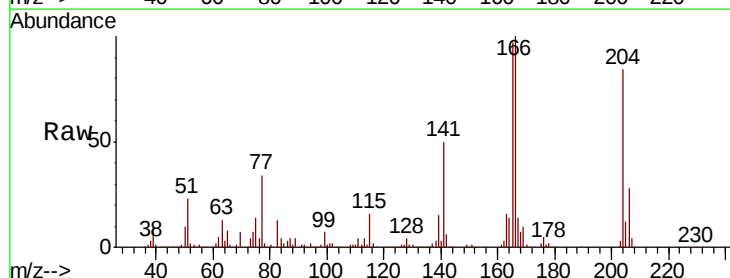
Tgt Ion:204 Resp: 523191

Ion Ratio Lower Upper

204 100

206 32.9 26.5 39.7

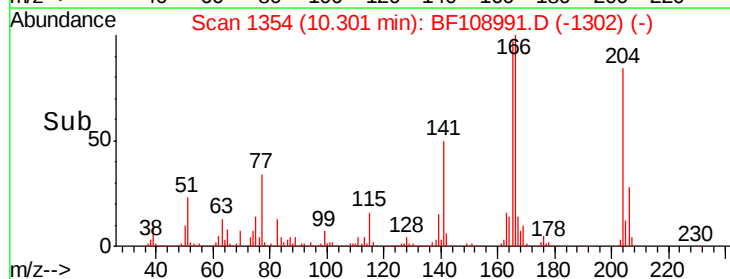
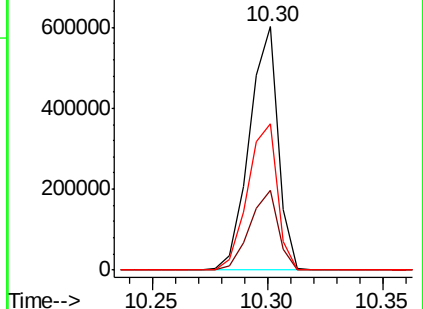
141 60.1 54.6 81.8

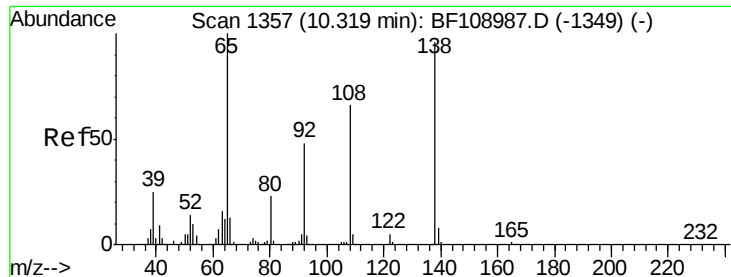


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

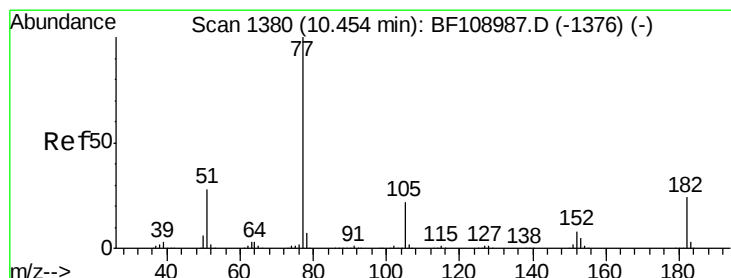
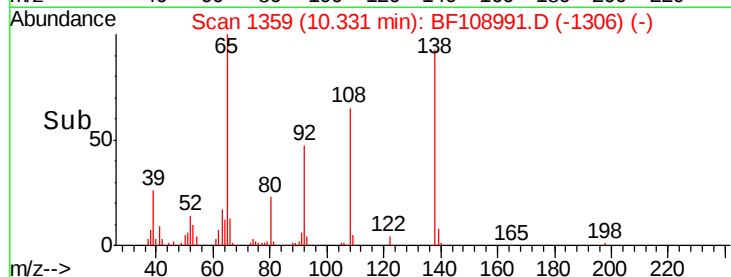
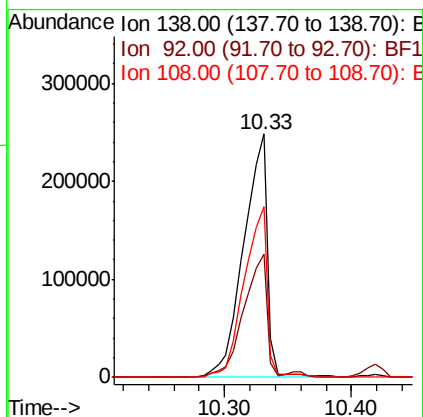
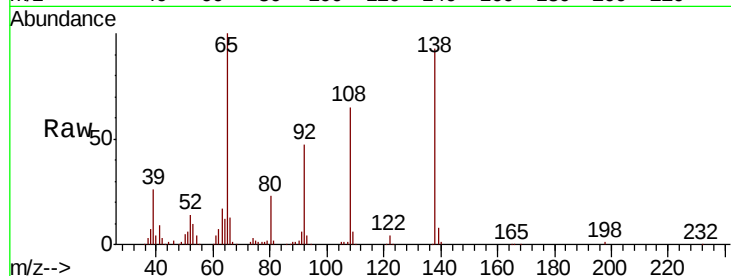




#61
4-Nitroaniline
Concen: 40.888 ng
RT: 10.33 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

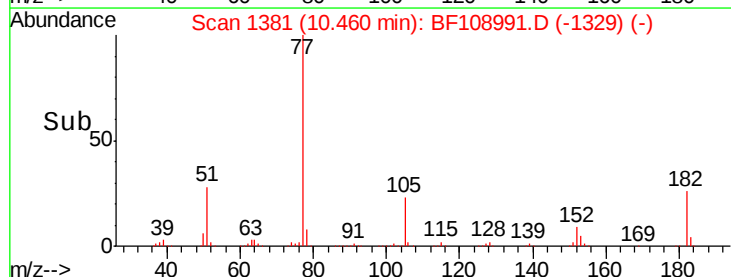
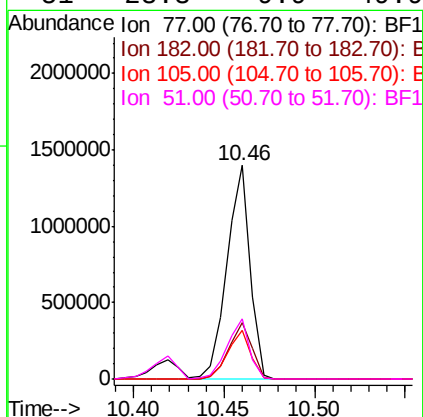
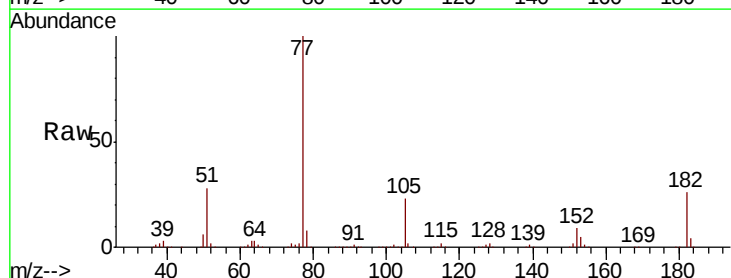
Instrument :
BNA_F
ClientSampled :

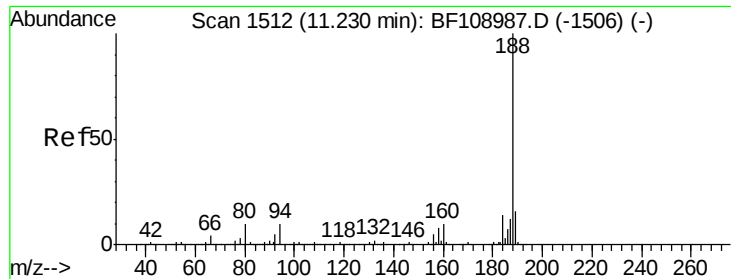
Tot Ion:138 Resp: 323251
Ion Ratio Lower Upper
138 100
92 50.4 30.2 70.2
108 70.4 52.5 92.5



#62
Azobenzene
Concen: 37.596 ng
RT: 10.46 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion: 77 Resp: 1238402
Ion Ratio Lower Upper
77 100
182 26.4 1.7 41.7
105 22.5 3.0 43.0
51 28.3 9.9 49.9

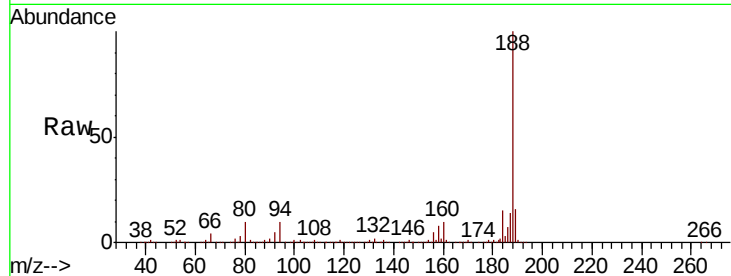




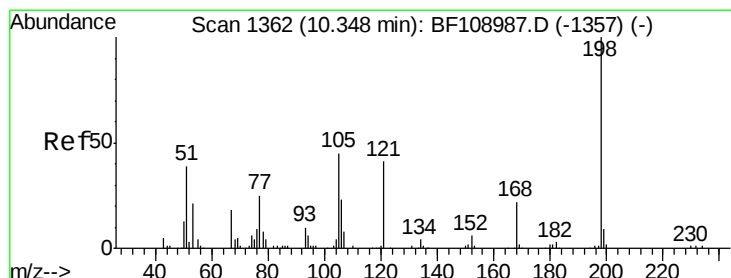
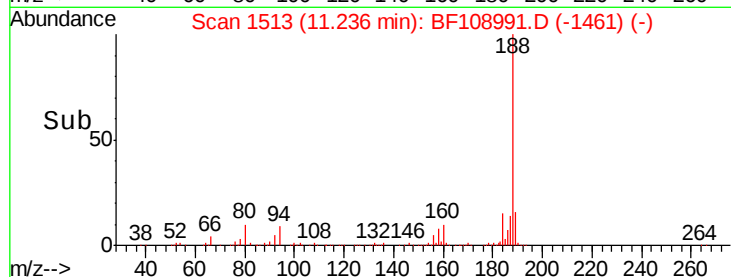
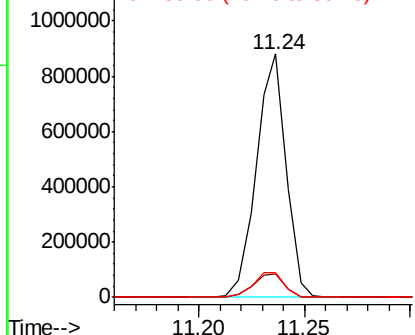
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1513
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 859452
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.4 9.2 13.8

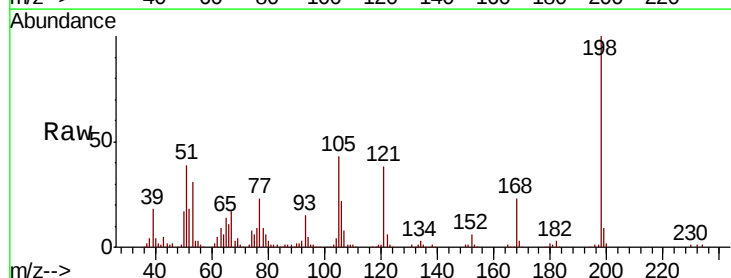


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

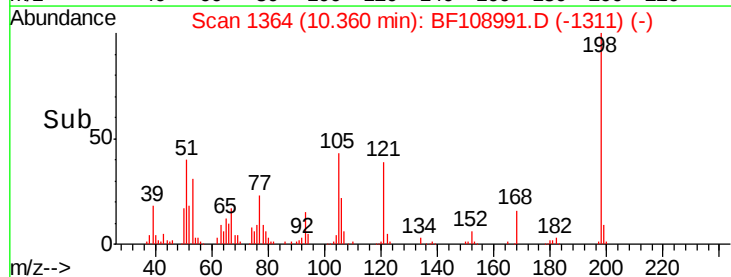
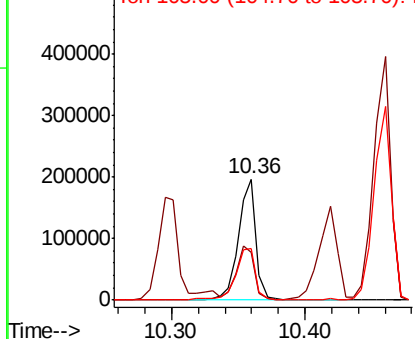


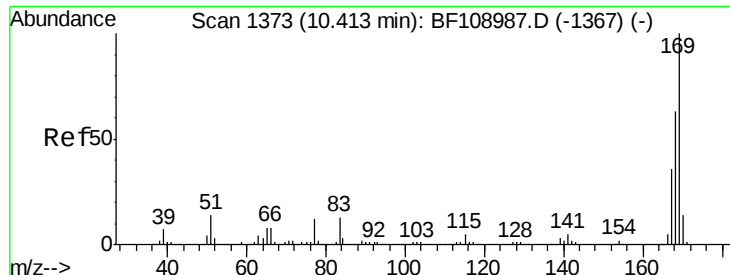
#64
4,6-Dinitro-2-methylphenol
Concen: 43.947 ng
RT: 10.36 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion:198 Resp: 180714
Ion Ratio Lower Upper
198 100
51 39.1 37.7 77.7
105 42.8 36.3 76.3



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

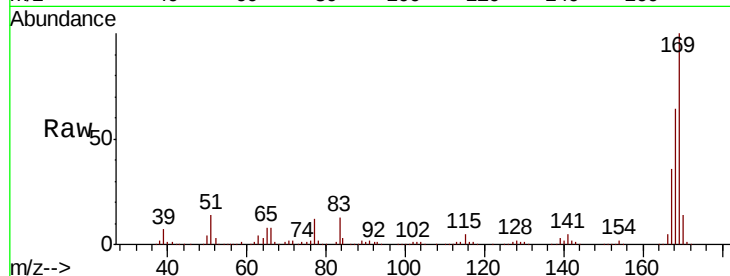




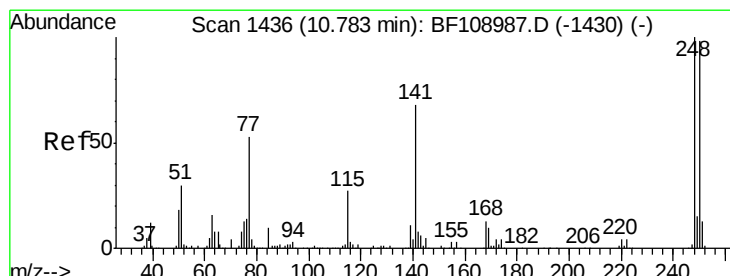
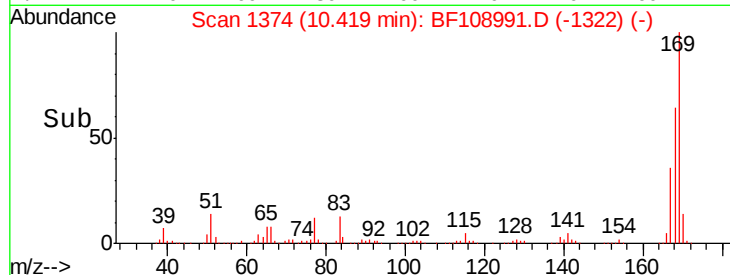
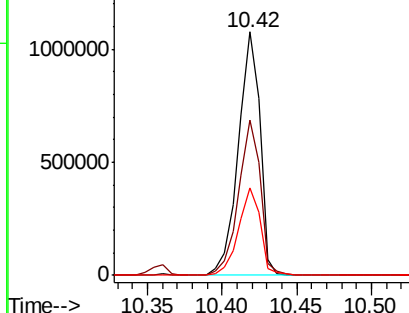
#65
 n-Nitrosodiphenylamine
 Concen: 38.948 ng
 RT: 10.42 min Scan# 1374
 Delta R.T. 0.01 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 1094943
 Ion Ratio Lower Upper
 169 100
 168 63.9 54.4 81.6
 167 35.7 29.8 44.6

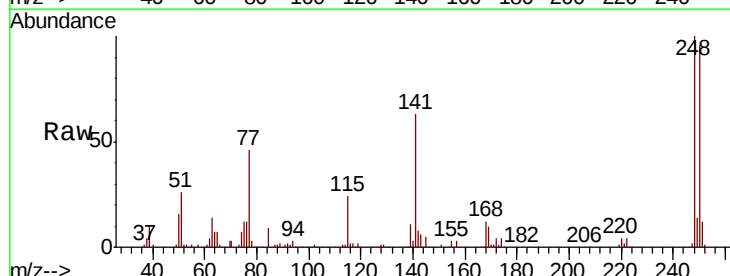


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

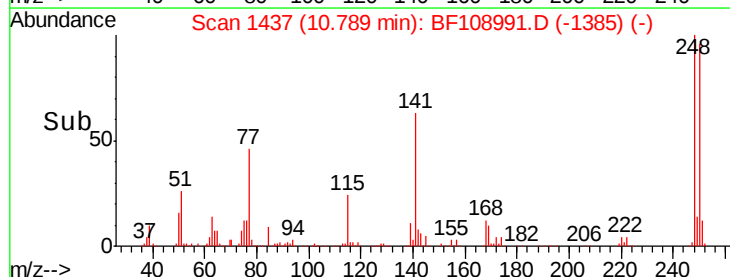
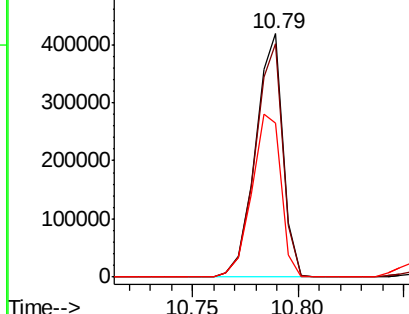


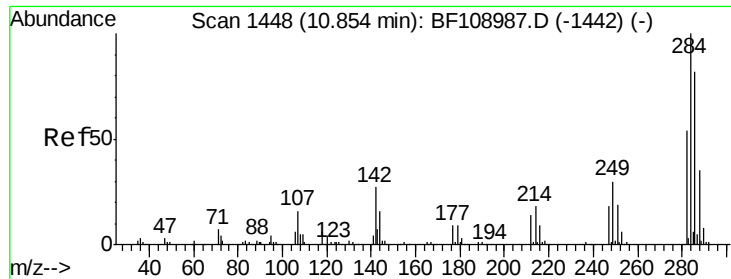
#66
 4-Bromophenyl-phenylether
 Concen: 39.047 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. 0.01 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Tgt Ion:248 Resp: 378338
 Ion Ratio Lower Upper
 248 100
 250 96.0 76.9 115.3
 141 63.4 74.4 111.6#



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

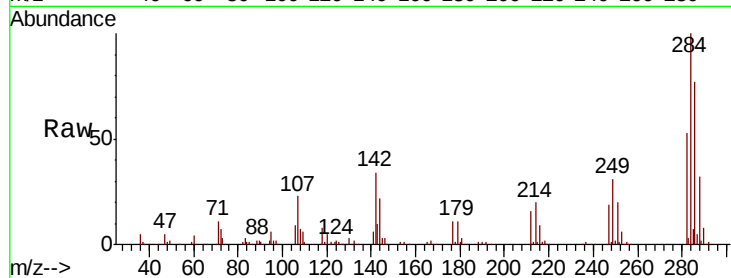




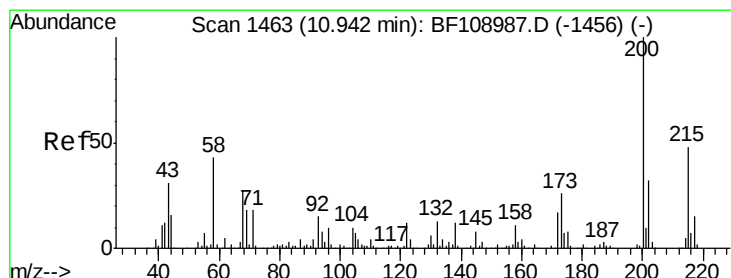
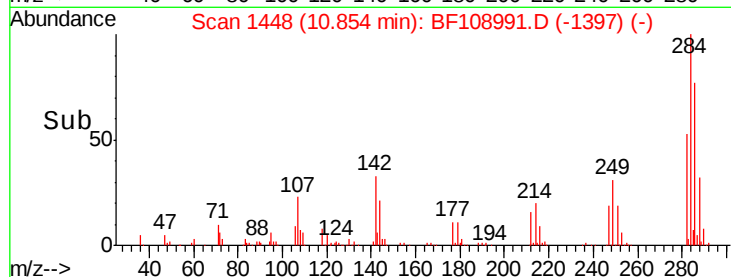
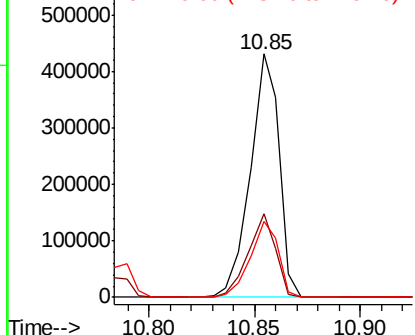
#67
Hexachlorobenzene
Concen: 39.391 ng
RT: 10.85 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 408241
Ion Ratio Lower Upper
284 100
142 34.1 34.6 52.0#
249 31.3 24.8 37.2

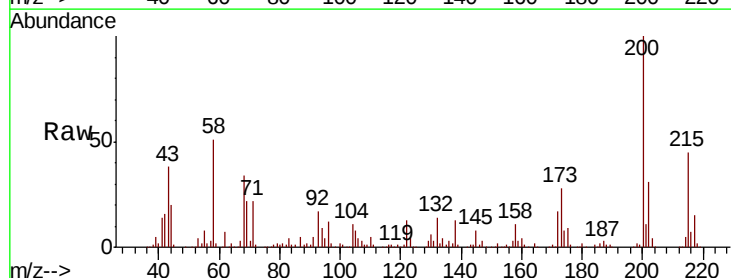


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

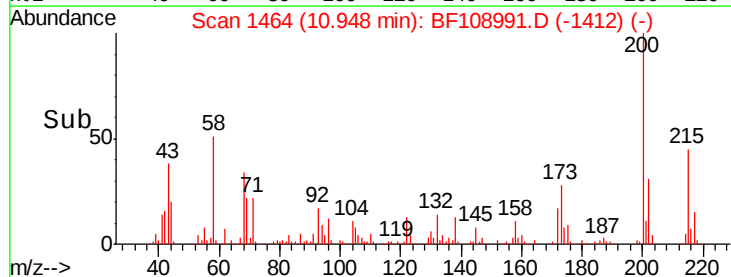
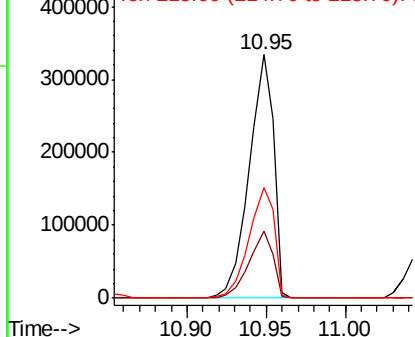


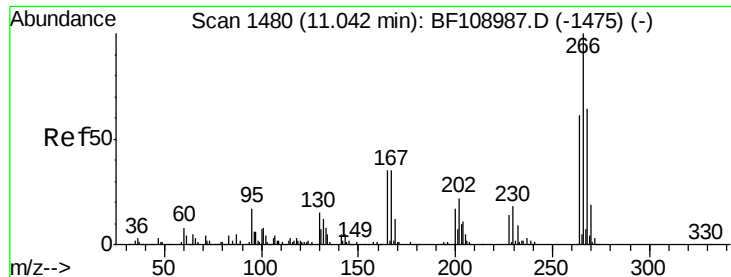
#68
Atrazine
Concen: 39.810 ng
RT: 10.95 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion:200 Resp: 358272
Ion Ratio Lower Upper
200 100
173 27.7 8.6 48.6
215 45.2 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

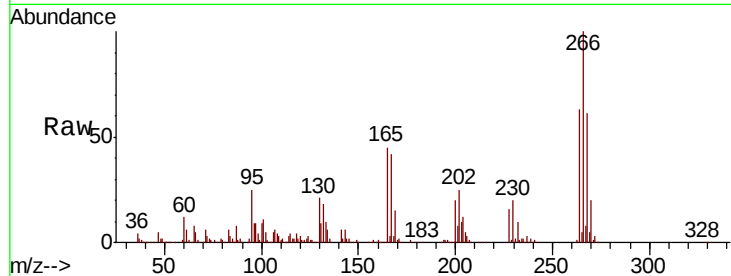




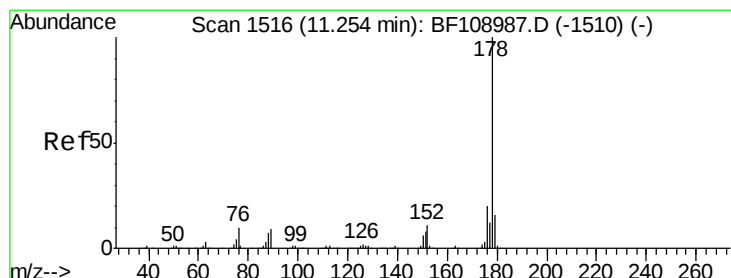
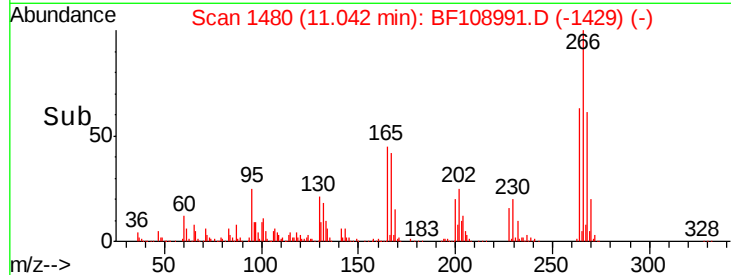
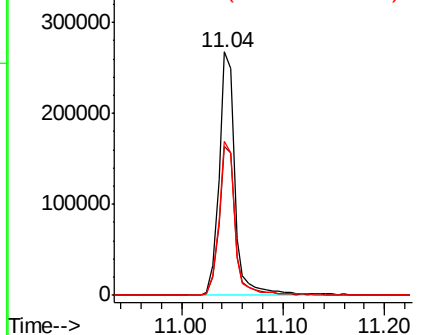
#69
 Pentachlorophenol
 Concen: 44.061 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 292159
 Ion Ratio Lower Upper
 266 100
 268 61.1 51.1 76.7
 264 63.3 49.5 74.3

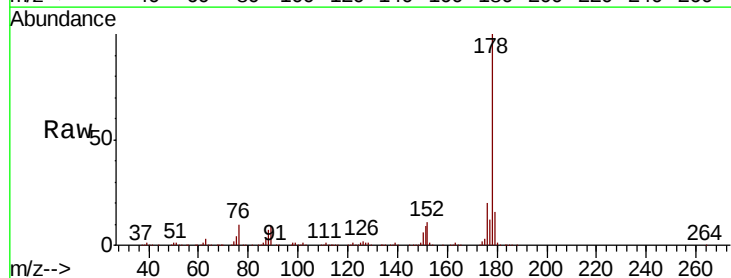


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

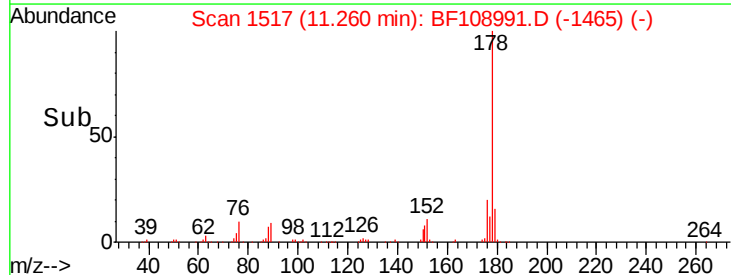
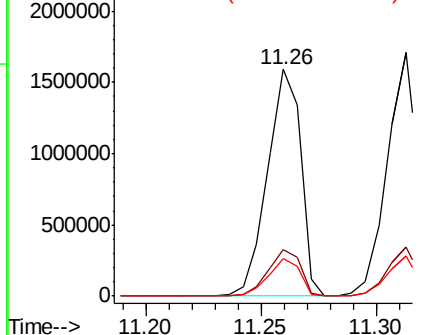


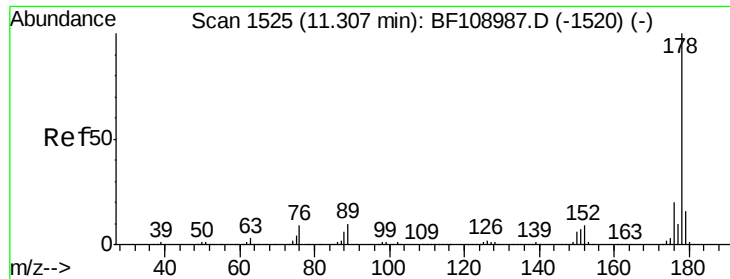
#70
 Phenanthrene
 Concen: 37.657 ng
 RT: 11.26 min Scan# 1517
 Delta R.T. 0.01 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Tgt Ion:178 Resp: 1586481
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.8 23.8
 179 16.4 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

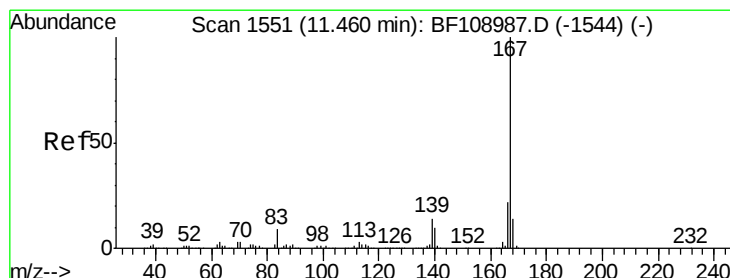
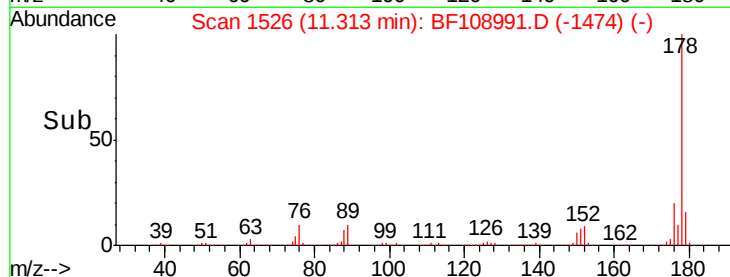
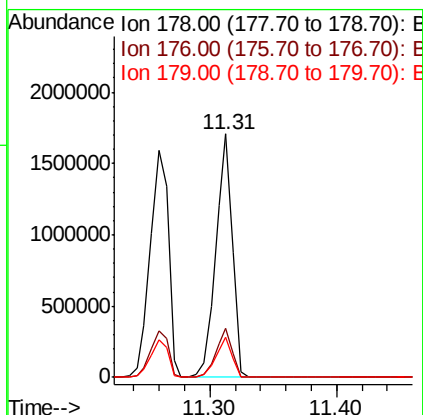
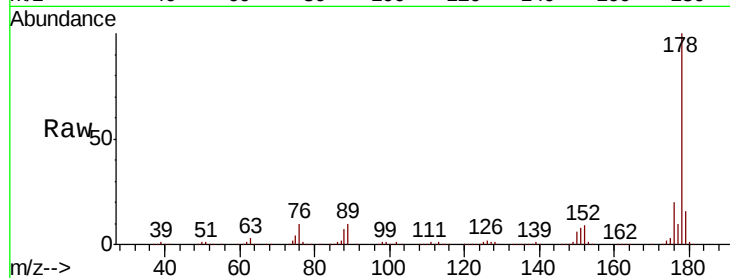




#71
 Anthracene
 Concen: 36.810 ng
 RT: 11.31 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

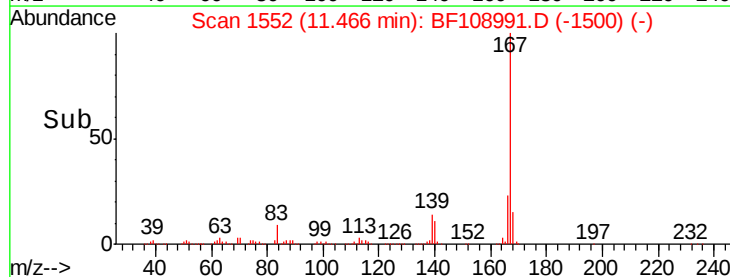
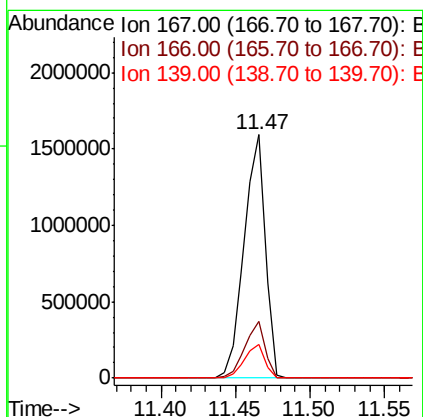
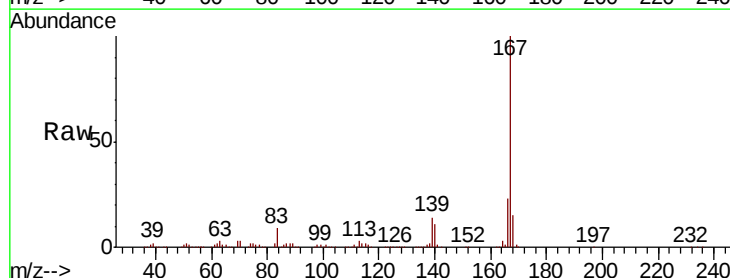
Instrument :
 BNA_F
 ClientSampleId :

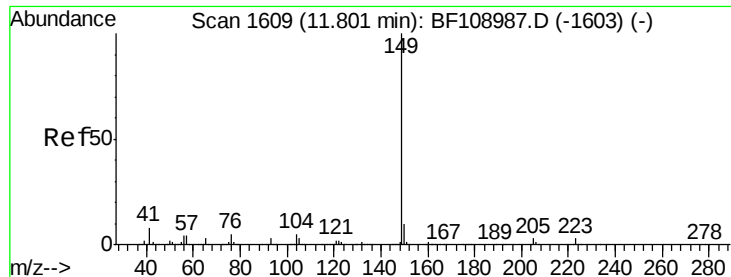
Tot Ion:178 Resp: 1572075
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.4 23.2
 179 16.3 12.6 19.0



#72
 Carbazole
 Concen: 37.251 ng
 RT: 11.47 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Tgt Ion:167 Resp: 1574834
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.6 26.4
 139 13.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.411 ng

RT: 11.81 min Scan# 1610

Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

Instrument :

BNA_F

ClientSampleId :

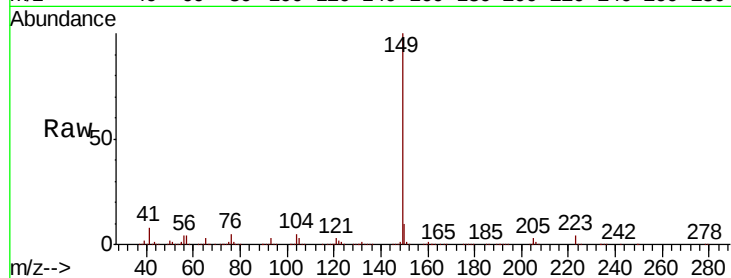
Tot Ion:149 Resp: 1851374

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

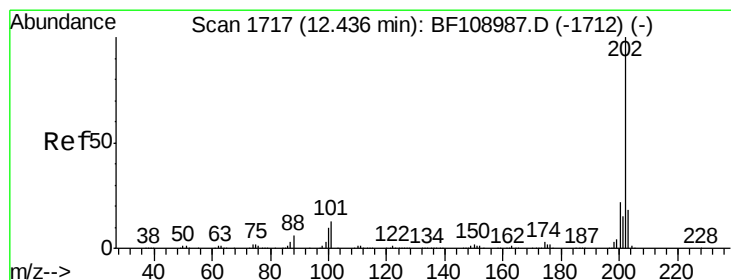
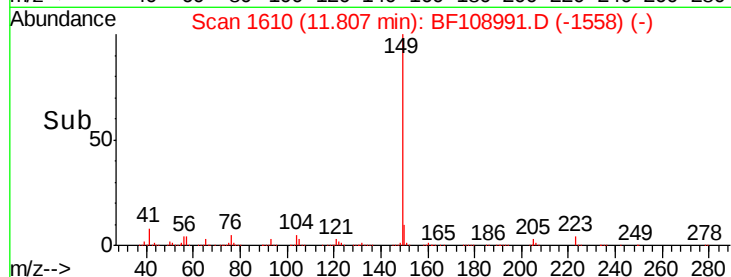
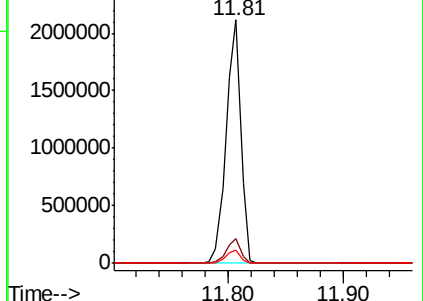
104 5.2 3.8 5.8



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: 37.943 ng

RT: 12.44 min Scan# 1718

Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

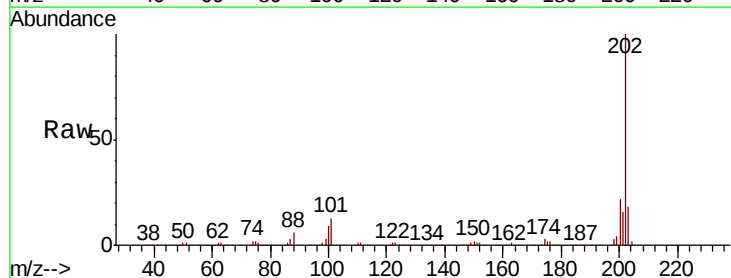
Tgt Ion:202 Resp: 1687607

Ion Ratio Lower Upper

202 100

101 12.7 0.0 34.1

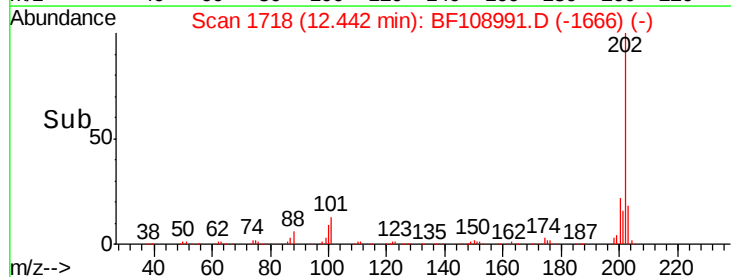
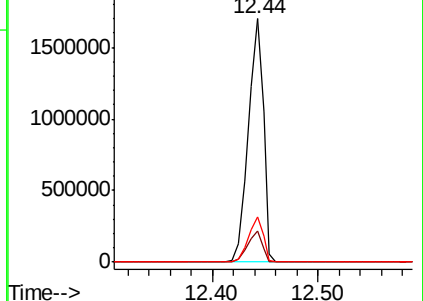
203 18.5 0.0 38.1

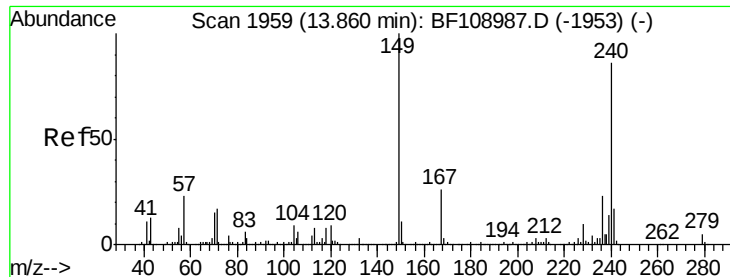


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.87 min Scan# 1960

Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

Instrument :

BNA_F

ClientSampleId :

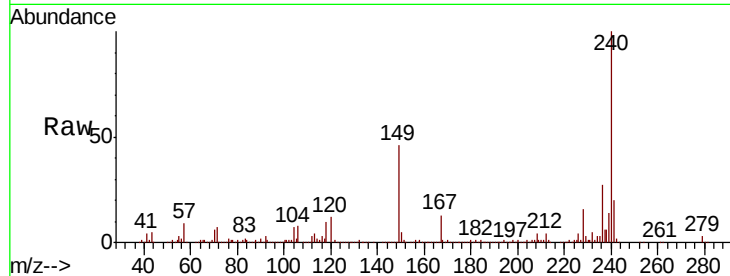
Tot Ion:240 Resp: 604530

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

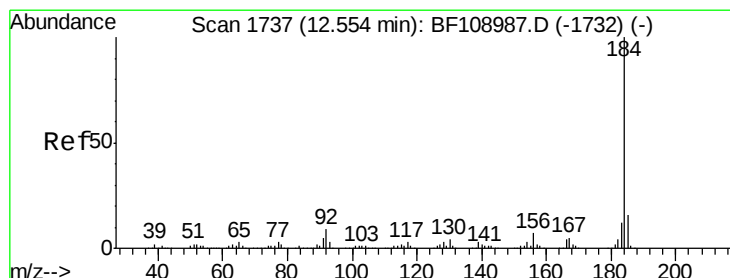
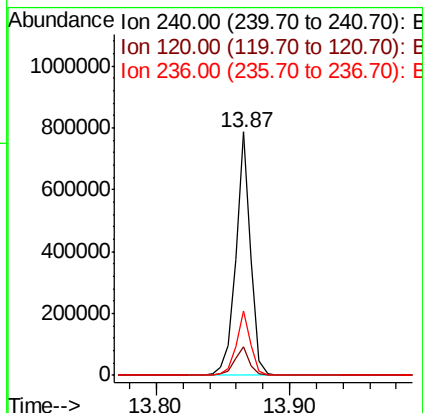
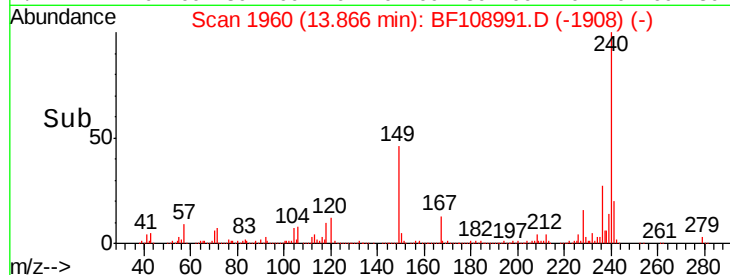
236 26.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.549 ng

RT: 12.56 min Scan# 1738

Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

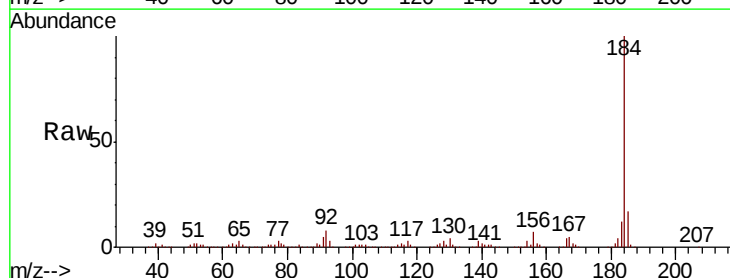
Tgt Ion:184 Resp: 931920

Ion Ratio Lower Upper

184 100

185 17.1 12.6 18.8

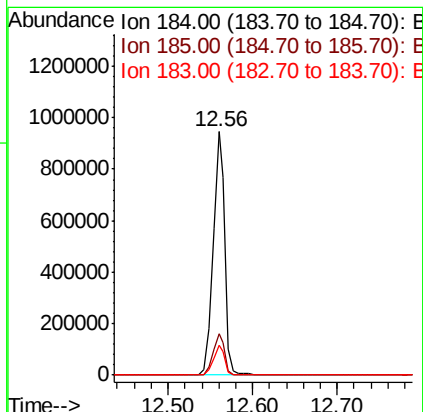
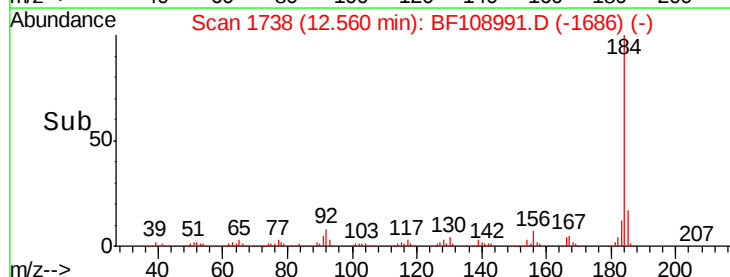
183 12.2 9.3 13.9

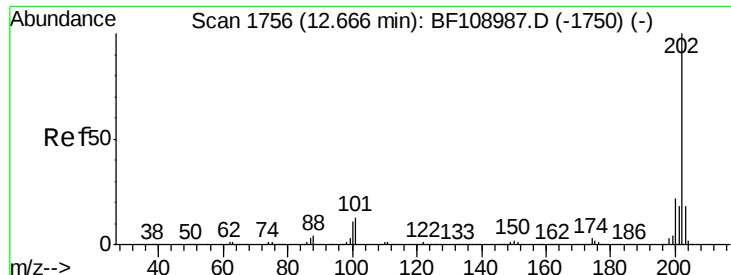


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

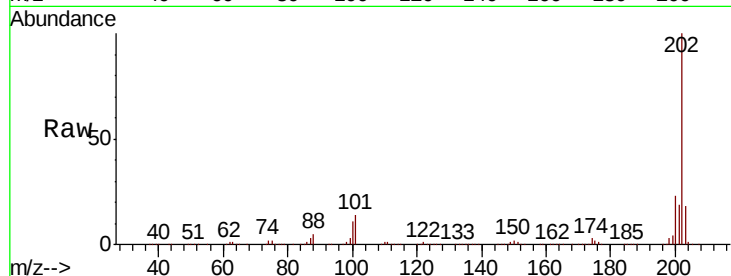




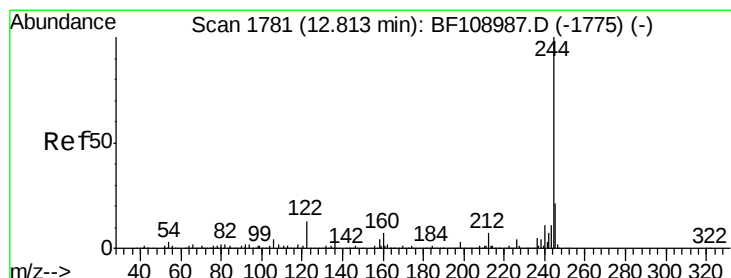
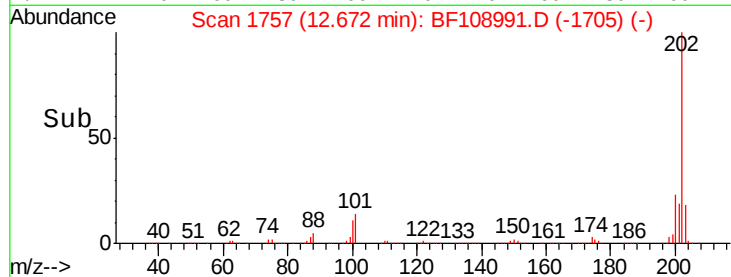
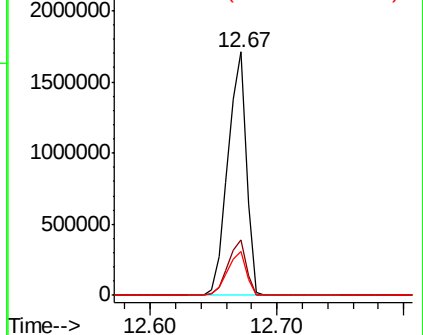
#77
Pvrene
Concen: 38.312 ng
RT: 12.67 min Scan# 1757
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1720337
Ion Ratio Lower Upper
202 100
200 22.9 17.4 26.2
203 18.0 14.3 21.5

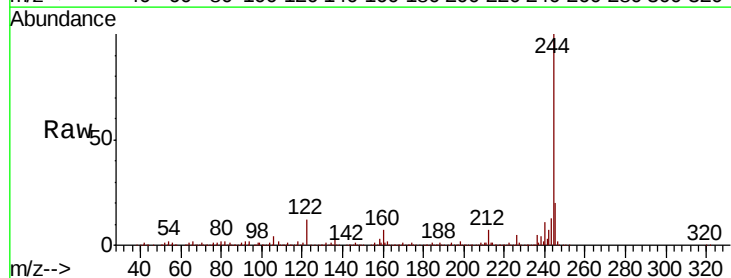


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

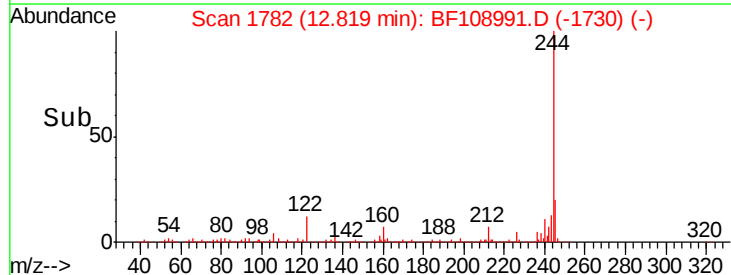
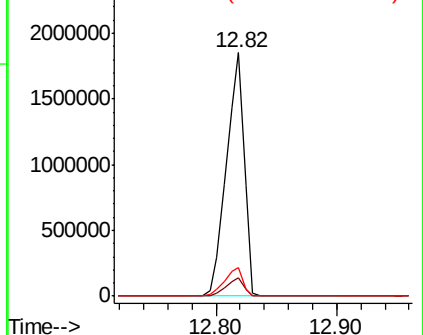


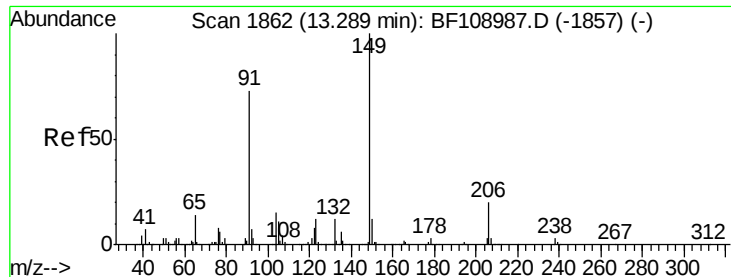
#78
Terphenyl-d14
Concen: 74.288 ng
RT: 12.82 min Scan# 1782
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion:244 Resp: 1894698
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.0
122 11.7 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

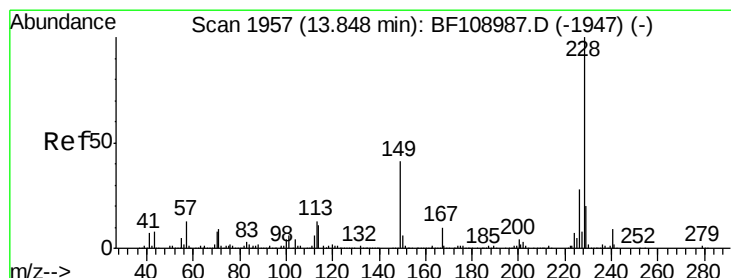
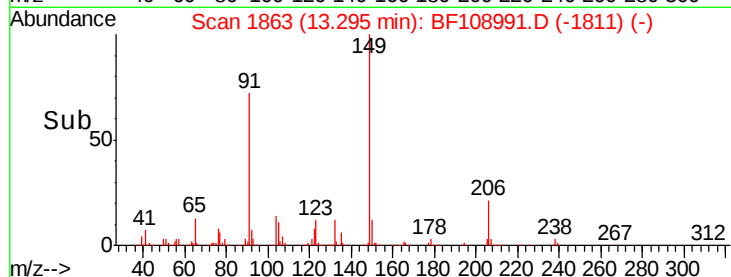
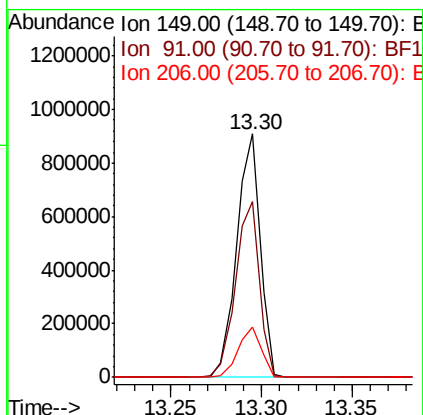
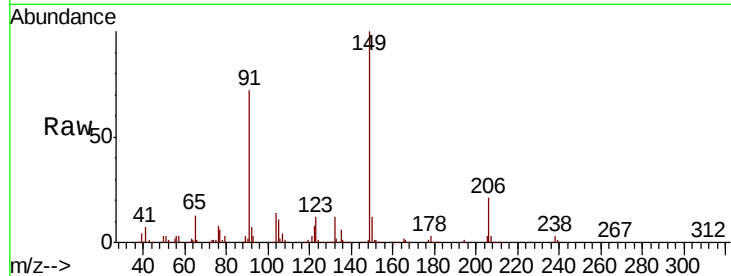




#79
Butylbenzylphthalate
Concen: 40.914 ng
RT: 13.30 min Scan# 1863
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

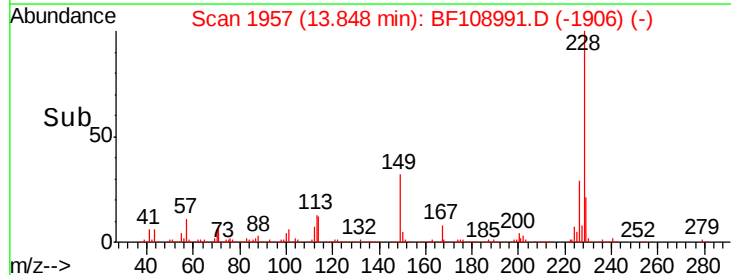
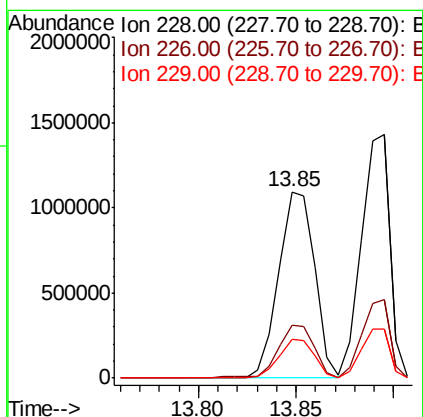
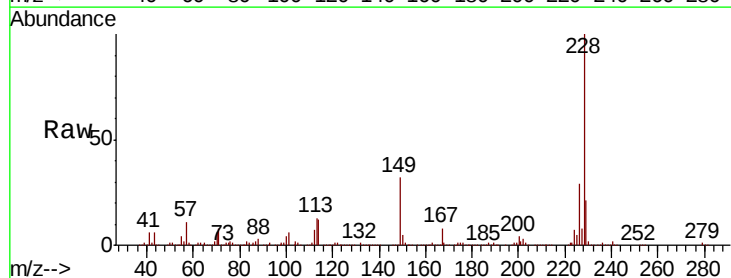
Instrument :
BNA_F
ClientSampleId :

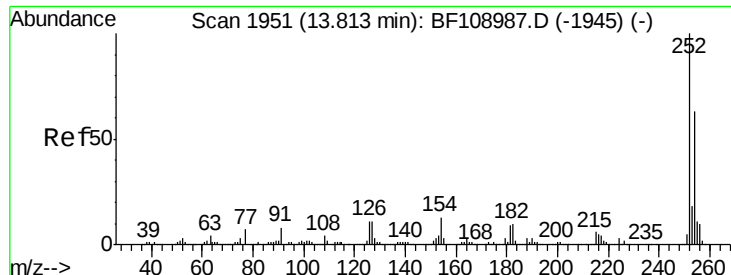
Tot Ion:149 Resp: 820564
Ion Ratio Lower Upper
149 100
91 71.9 56.8 85.2
206 20.5 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.214 ng
RT: 13.85 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion:228 Resp: 1398630
Ion Ratio Lower Upper
228 100
226 28.8 22.6 33.8
229 20.6 15.8 23.6

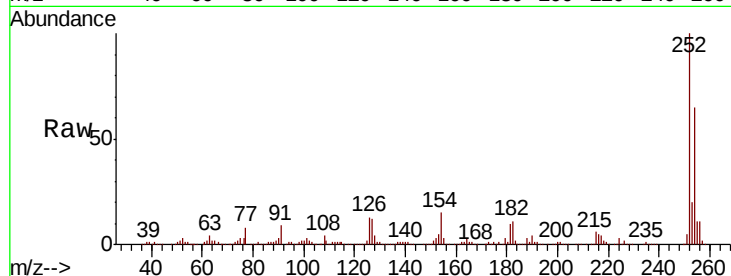




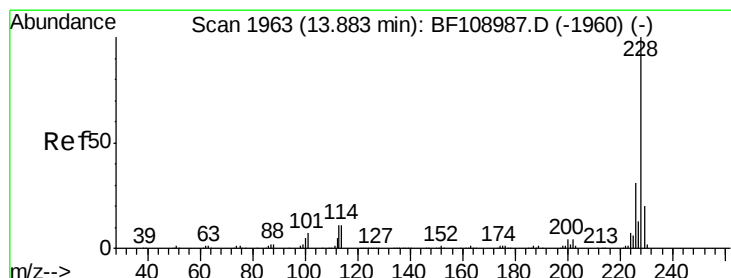
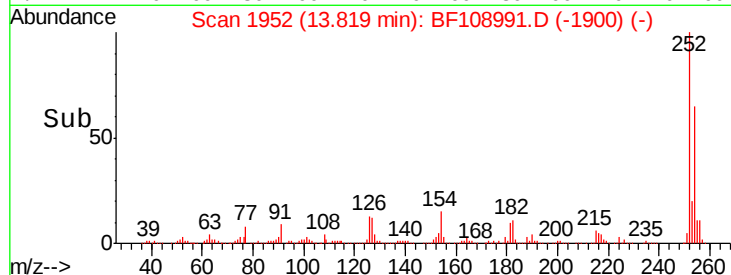
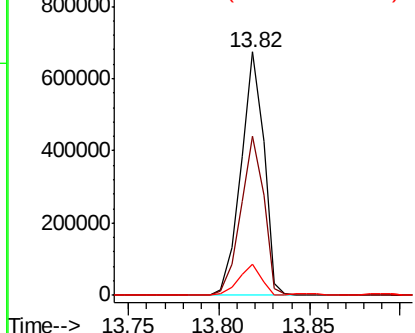
#81
 3,3'-Dichlorobenzidine
 Concen: 40.091 ng
 RT: 13.82 min Scan# 1952
 Delta R.T. 0.01 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 592120
 Ion Ratio Lower Upper
 252 100
 254 65.2 50.4 75.6
 126 12.6 11.3 16.9

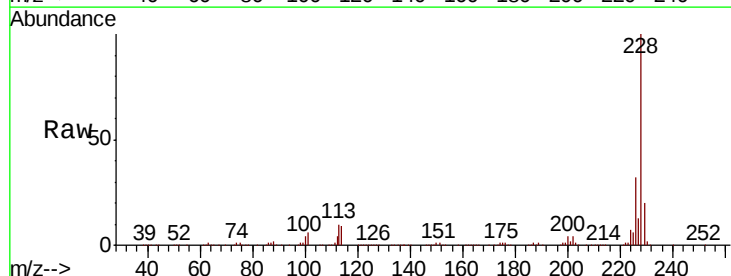


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

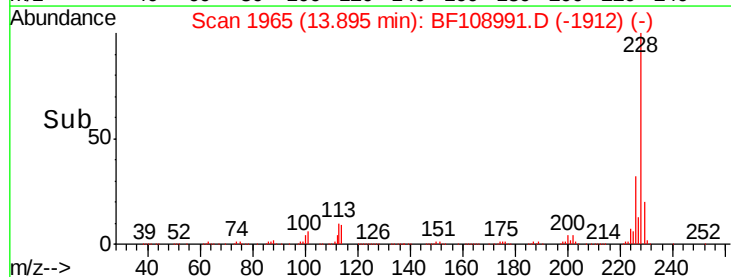
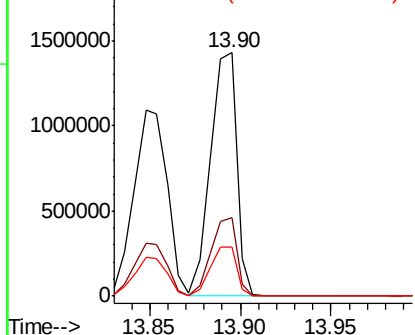


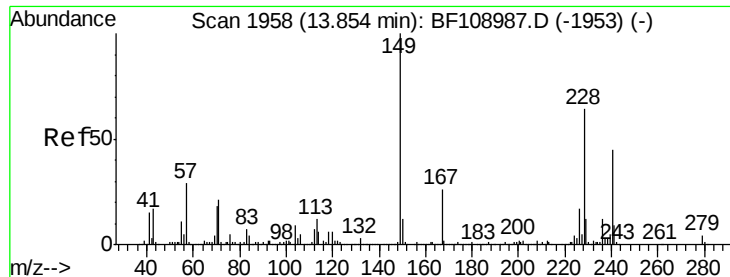
#82
 Chrysene
 Concen: 39.336 ng
 RT: 13.90 min Scan# 1965
 Delta R.T. 0.01 min
 Lab File: BF108991.D
 Acq: 14 Sep 2018 13:28

Tgt Ion:228 Resp: 1440447
 Ion Ratio Lower Upper
 228 100
 226 32.2 25.0 37.6
 229 20.3 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.632 ng

RT: 13.86 min Scan# 1959

Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

Instrument :

BNA_F

ClientSampleId :

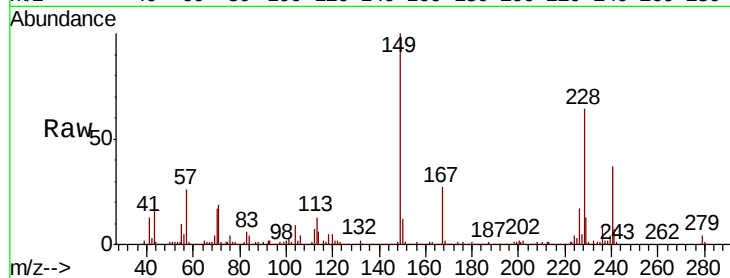
Tot Ion:149 Resp: 938144

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

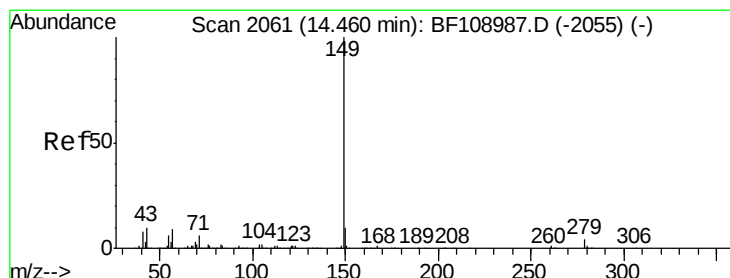
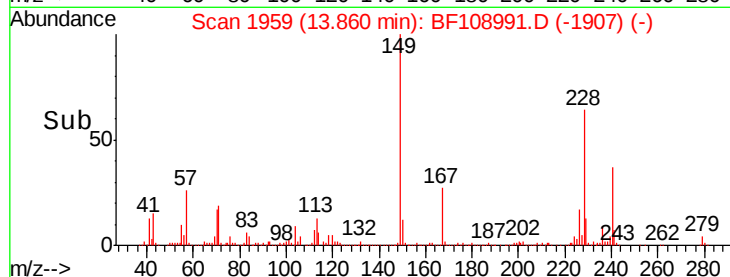
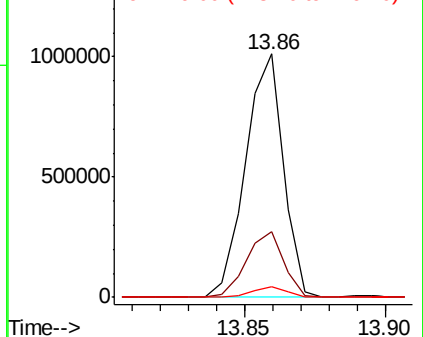
279 4.4 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.603 ng

RT: 14.47 min Scan# 2062

Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

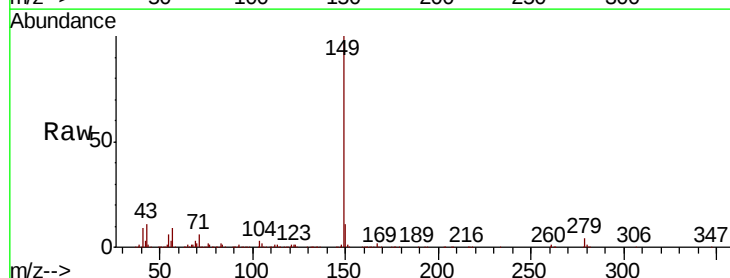
Tgt Ion:149 Resp: 1795793

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

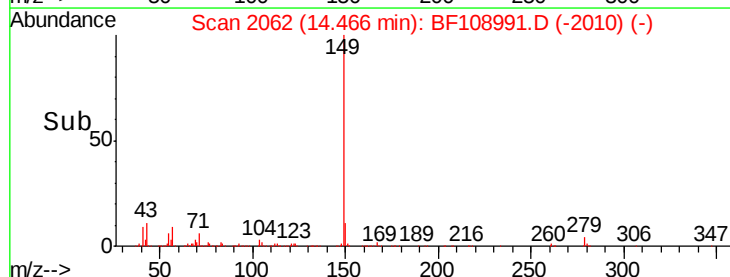
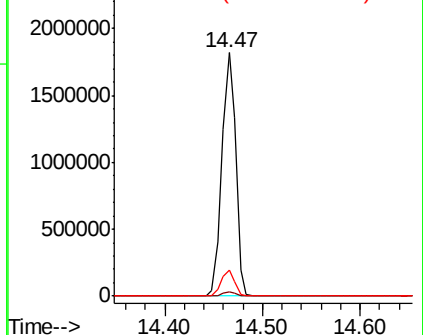
43 10.4 8.4 12.6

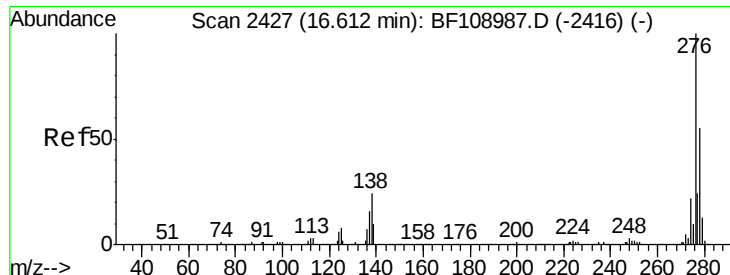


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

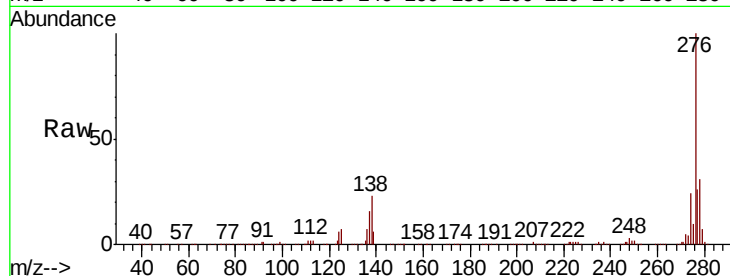




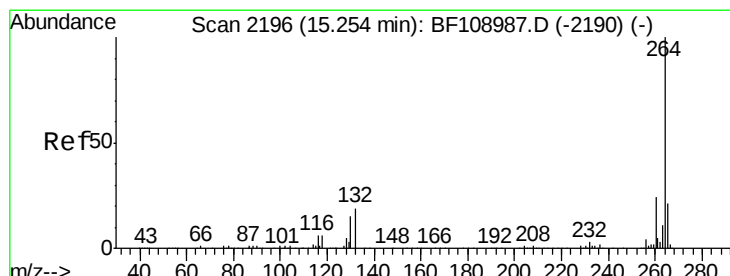
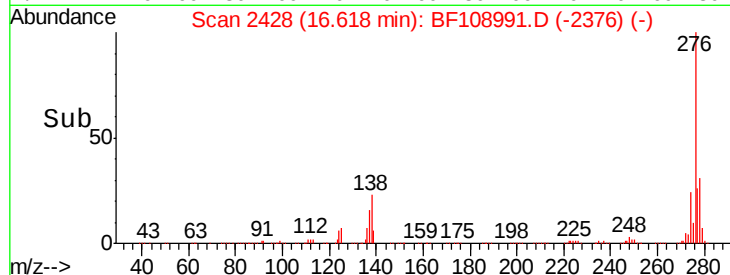
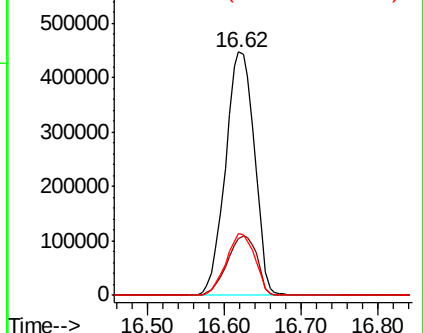
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.169 ng
RT: 16.62 min Scan# 2428
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 1175984
Ion Ratio Lower Upper
276 100
138 25.1 25.0 37.6
277 25.3 20.1 30.1

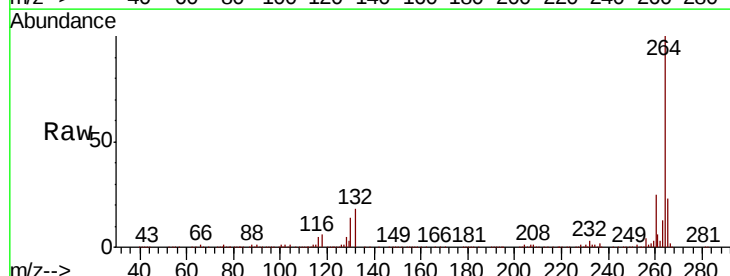


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

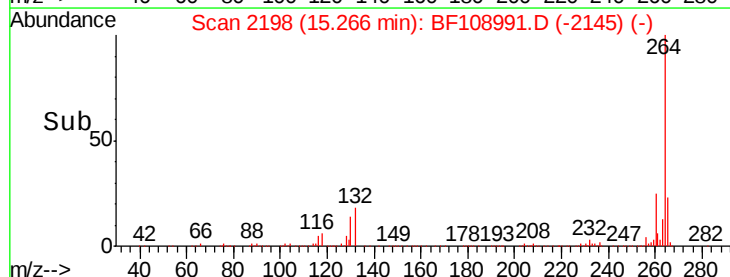
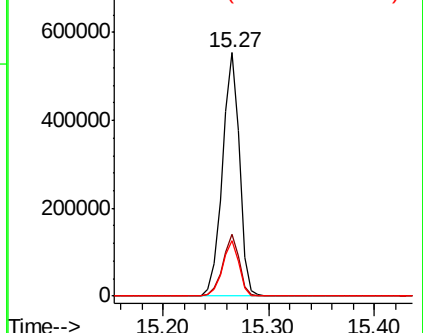


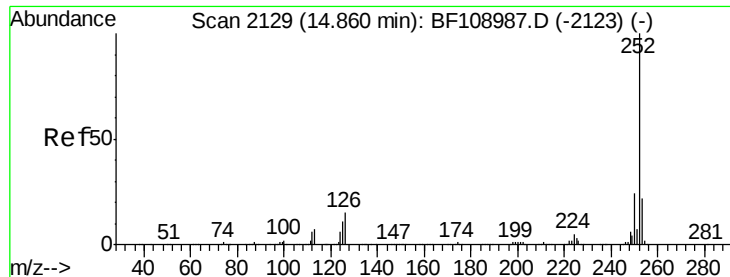
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion:264 Resp: 624148
Ion Ratio Lower Upper
264 100
260 25.2 19.2 28.8
265 22.8 17.5 26.3



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

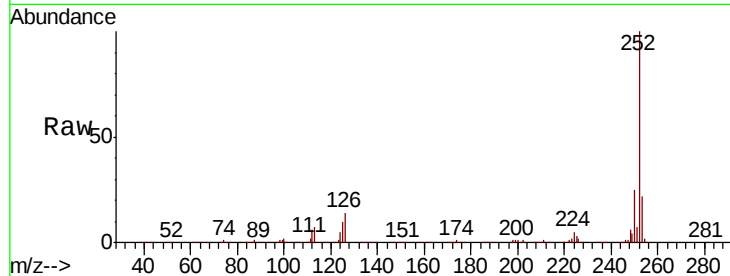




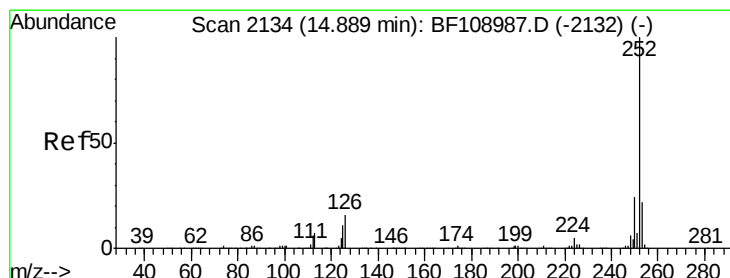
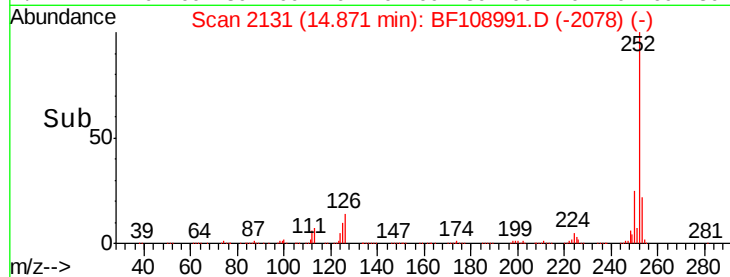
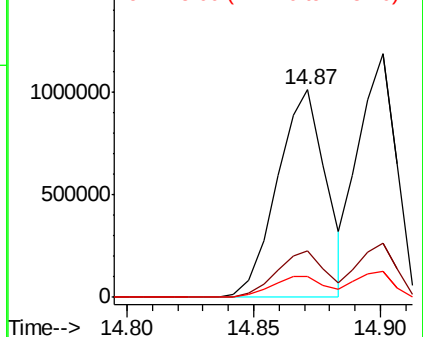
#87
Benzo(b)fluoranthene
Concen: 39.131 ng
RT: 14.87 min Scan# 2131
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1351154
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 10.3 9.0 13.6

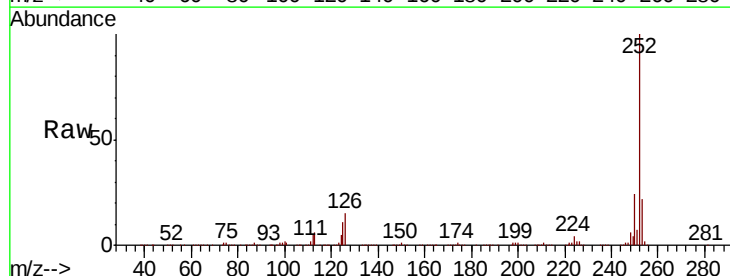


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

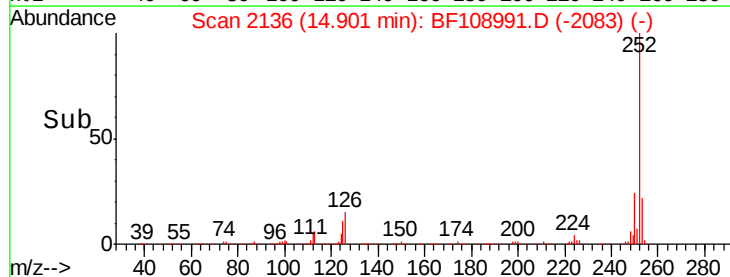
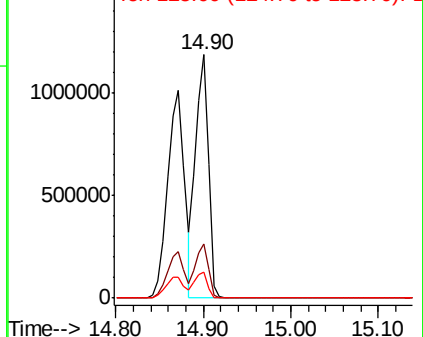


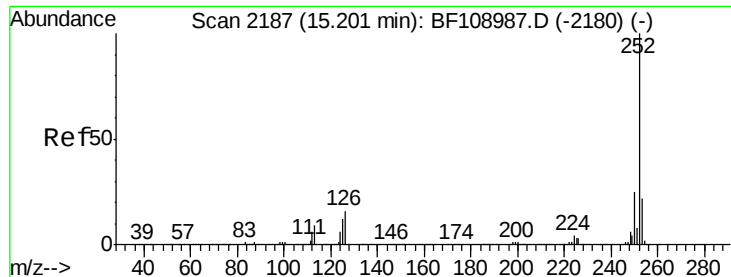
#88
Benzo(k)fluoranthene
Concen: 38.179 ng
RT: 14.90 min Scan# 2136
Delta R.T. 0.01 min
Lab File: BF108991.D
Acq: 14 Sep 2018 13:28

Tgt Ion:252 Resp: 1231293
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 10.6 10.2 15.2



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





#89

Benzo(a)pyrene

Concen: 38.872 ng

RT: 15.21 min Scan# 2189

Delta R.T. 0.01 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

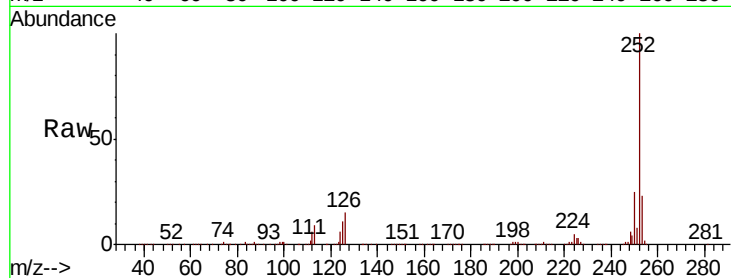
Instrument :

BNA_F

ClientSampleId :

Tot Ion:252 Resp: 1191970

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	11.2	9.8	14.6

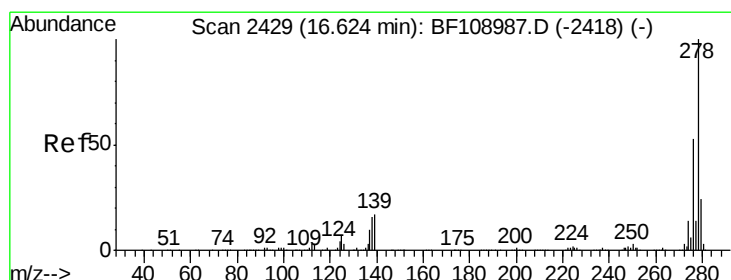
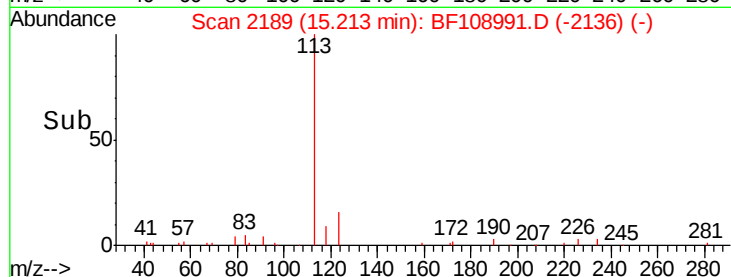
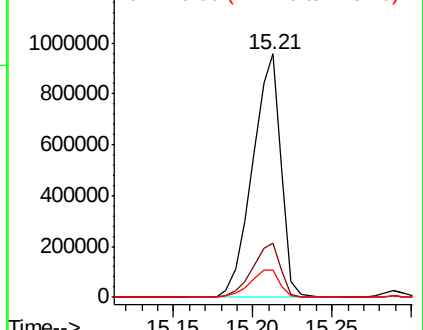


Abundance

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: 37.560 ng

RT: 16.64 min Scan# 2432

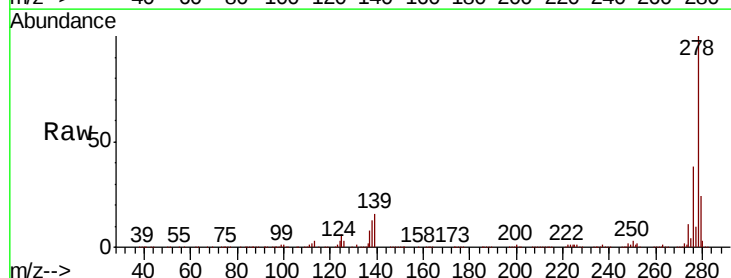
Delta R.T. 0.02 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

Tgt Ion:278 Resp: 967645

Ion	Ratio	Lower	Upper
278	100		
139	16.2	15.9	23.9
279	23.9	19.0	28.4

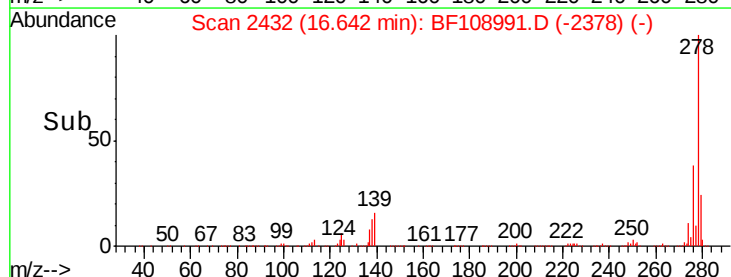
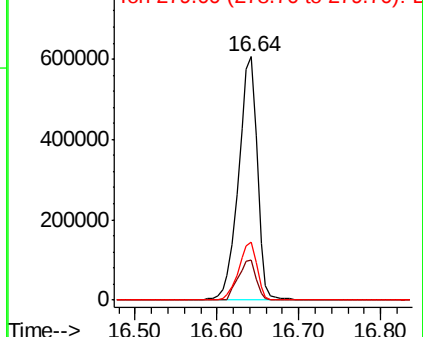


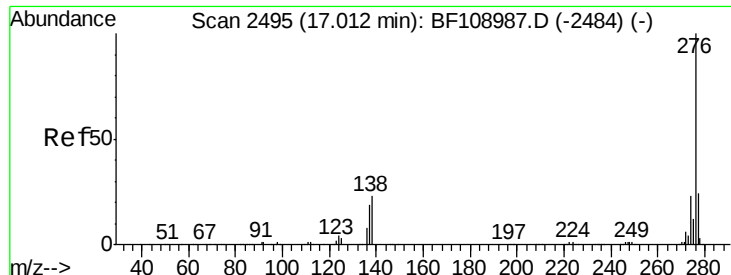
Abundance

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: 36.976 ng

RT: 17.03 min Scan# 2498

Delta R.T. 0.02 min

Lab File: BF108991.D

Acq: 14 Sep 2018 13:28

Instrument :

BNA_F

ClientSampleId :

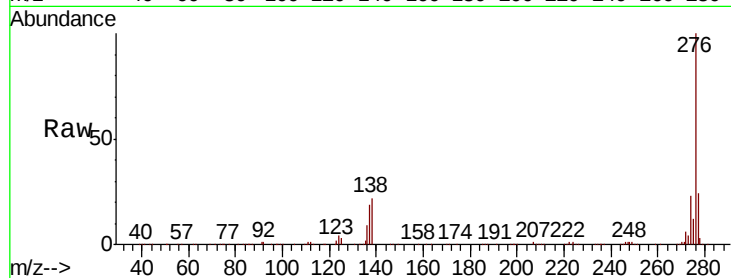
Tot Ion: 276 Resp: 952366

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 22.1 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

