

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
 Data File : BF109190.D
 Acq On : 20 Sep 2018 19:05
 Operator : JU/SJ
 Sample : J5004-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 21 07:10:49 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	61945	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	203440	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	117304	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	232457	20.00	ng	0.00
75) Chrysene-d12	13.85	240	124281	20.00	ng	0.00
86) Perylene-d12	15.26	264	128800	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	298937	80.15	ng	0.01
7) Phenol-d6	6.36	99	452469	94.08	ng	0.00
23) Nitrobenzene-d5	7.28	82	298287	82.24	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	112638	88.48	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	511925	68.37	ng	0.00
78) Terphenyl-d14	12.81	244	405050	77.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	40046	22.556	ng	93
3) Pyridine	3.15	79	127458	27.082	ng	95
4) n-Nitrosodimethylamine	3.08	42	73516	41.360	ng	# 88
6) Aniline	6.38	93	128312	20.642	ng	97
8) 2-Chlorophenol	6.51	128	125156	29.986	ng	96
9) Benzaldehyde	6.27	77	93079	30.304	ng	95
10) Phenol	6.37	94	158227	29.240	ng	73
11) bis(2-Chloroethyl)ether	6.46	93	121397	28.516	ng	98
12) 1,3-Dichlorobenzene	6.66	146	128669	26.956	ng	# 93
13) 1,4-Dichlorobenzene	6.74	146	131072	27.372	ng	97
14) 1,2-Dichlorobenzene	6.89	146	111373	25.087	ng	98
15) Benzyl Alcohol	6.86	79	123955	33.951	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.00	45	165344	27.107	ng	95
17) 2-Methylphenol	6.98	107	92128	27.055	ng	# 92
18) Hexachloroethane	7.24	117	49898	28.691	ng	95
19) n-Nitroso-di-n-propylamine	7.14	70	92178	28.997	ng	# 95
20) 3+4-Methylphenols	7.13	107	116822	28.485	ng	# 51
22) Acetophenone	7.13	105	166707	36.083	ng	# 88
24) Nitrobenzene	7.30	77	143753	38.440	ng	91
25) Isophorone	7.54	82	246081	39.468	ng	# 91
26) 2-Nitrophenol	7.62	139	56394	32.295	ng	88
27) 2,4-Dimethylphenol	7.66	122	107161	39.122	ng	93
28) bis(2-Chloroethoxy)methane	7.75	93	142203	33.892	ng	# 98
29) 2,4-Dichlorophenol	7.86	162	90420	30.977	ng	93
30) 1,2,4-Trichlorobenzene	7.95	180	84414	26.754	ng	98
31) Naphthalene	8.02	128	298044	31.564	ng	99
32) Benzoic acid	7.75	122	20472	11.438	ng	# 76
33) 4-Chloroaniline	8.07	127	53336	12.704	ng	96
34) Hexachlorobutadiene	8.15	225	41546	21.568	ng	97
35) Caprolactam	8.42	113	22436	23.576	ng	94
36) 4-Chloro-3-methylphenol	8.56	107	125635	40.887	ng	89
37) 2-Methylnaphthalene	8.71	142	212080	34.456	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	89654	24.283	ng	98
40) Hexachlorocyclopentadiene	8.87	237	78491	42.195	ng	95

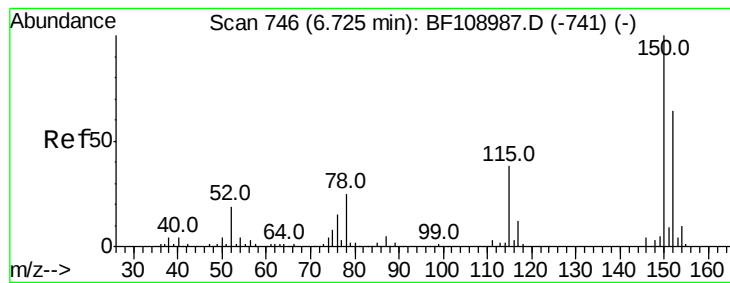
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	69444	27.984	ng	99
43) 2,4,5-Trichlorophenol	9.03	196	74333	28.664	ng	# 93
45) 1,1'-Biphenyl	9.18	154	304860	32.484	ng	99
46) 2-Chloronaphthalene	9.20	162	217943	28.998	ng	99
47) 2-Nitroaniline	9.30	65	78309	33.892	ng	87
48) Acenaphthylene	9.61	152	318577	28.113	ng	99
49) Dimethylphthalate	9.48	163	368180	43.914	ng	99
50) 2,6-Dinitrotoluene	9.54	165	47931	25.779	ng	# 74
51) Acenaphthene	9.78	154	227775	32.280	ng	99
52) 3-Nitroaniline	9.70	138	39111	17.864	ng	89
53) 2,4-Dinitrophenol	9.81	184	32261	45.021	ng	# 19
54) Dibenzofuran	9.96	168	297164	29.143	ng	96
55) 4-Nitrophenol	9.87	139	88335	54.761	ng	# 75
56) 2,4-Dinitrotoluene	9.94	165	85749	35.264	ng	# 82
57) Fluorene	10.30	166	234595	34.524	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.08	232	57950	26.988	ng	99
59) Diethylphthalate	10.18	149	222778	26.313	ng	99
60) 4-Chlorophenyl-phenylether	10.29	204	109433	30.075	ng	96
61) 4-Nitroaniline	10.31	138	61145	29.396	ng	89
62) Azobenzene	10.45	77	321105	37.051	ng	97
64) 4,6-Dinitro-2-methylphenol	10.34	198	25985	23.364	ng	83
65) n-Nitrosodiphenylamine	10.41	169	225462	29.651	ng	95
66) 4-Bromophenyl-phenylether	10.78	248	66072	25.212	ng	98
67) Hexachlorobenzene	10.85	284	72129	25.731	ng	92
68) Atrazine	10.94	200	72042	29.597	ng	99
69) Pentachlorophenol	11.04	266	80917	45.118	ng	99
70) Phenanthrene	11.25	178	358157	31.431	ng	99
71) Anthracene	11.31	178	363636	31.481	ng	99
72) Carbazole	11.46	167	353431	30.909	ng	100
73) Di-n-butylphthalate	11.80	149	374002	27.942	ng	98
74) Fluoranthene	12.44	202	336505	27.973	ng	96
76) Benzidine	12.55	184	139772	31.771	ng	99
77) Pyrene	12.66	202	268046	29.036	ng	99
79) Butylbenzylphthalate	13.28	149	144338	35.006	ng	87
80) Benzo(a)anthracene	13.84	228	208680	27.734	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	63751	20.996	ng	98
82) Chrysene	13.88	228	237435	31.540	ng	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	161501	32.350	ng	98
84) Di-n-octyl phthalate	14.45	149	259877	30.693	ng	96
85) Indeno(1,2,3-cd)pyrene	16.61	276	345588	57.419	ng	95
87) Benzo(b)fluoranthene	14.86	252	256385	35.981	ng	99
88) Benzo(k)fluoranthene	14.89	252	221409	33.268	ng	97
89) Benzo(a)pyrene	15.20	252	190147	30.049	ng	99
90) Dibenzo(a,h)anthracene	16.63	278	286884	53.963	ng	96
91) Benzo(g,h,i)perylene	17.02	276	298406	56.143	ng	95

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

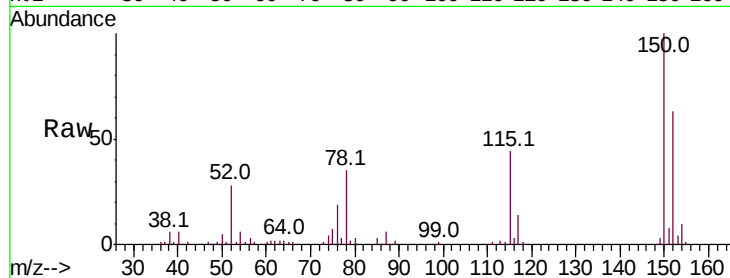


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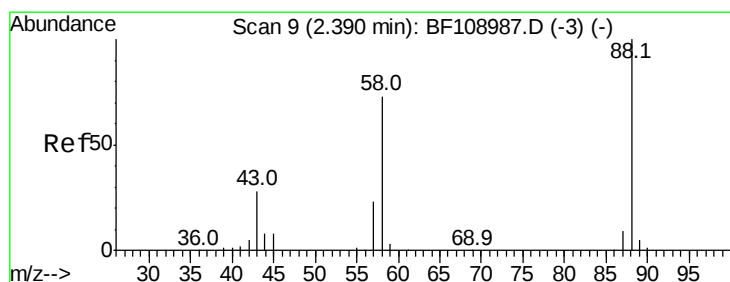
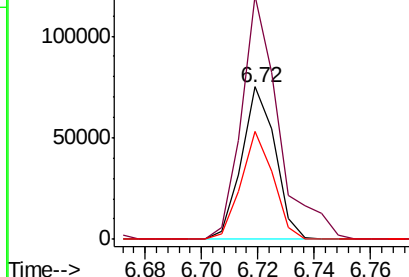
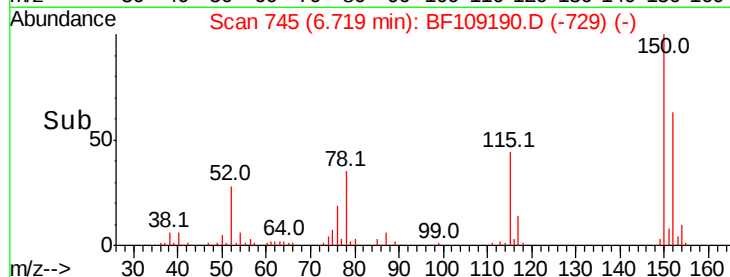
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 61945
 Ion Ratio Lower Upper
 152 100
 150 159.9 124.6 186.8
 115 70.7 50.1 75.1



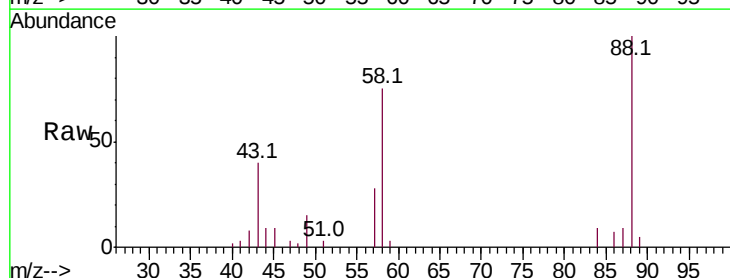
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



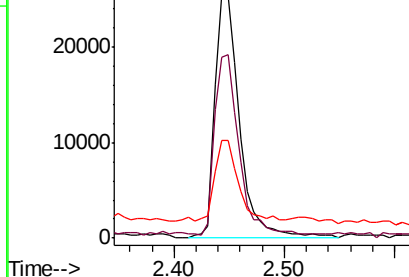
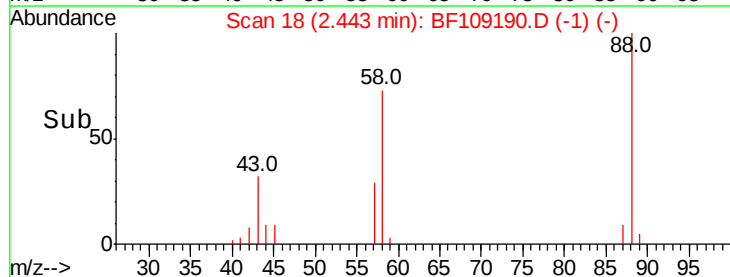
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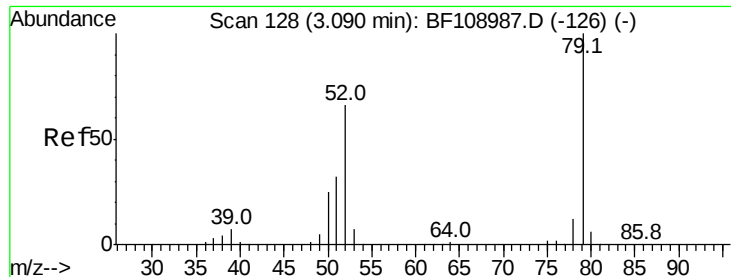
1,4-Dioxane
 Concen: 22.556 ng
 RT: 2.44 min Scan# 18
 Delta R.T. 0.05 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

Tgt Ion: 88 Resp: 40046
 Ion Ratio Lower Upper
 88 100
 58 70.5 62.6 93.8
 43 32.5 24.6 37.0



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





#3

Pvridine

Concen: 27.082 ng

RT: 3.15 min Scan# 139

Delta R.T. 0.06 min

Lab File: BF109190.D

Acq: 20 Sep 2018 19:05

Instrument :

BNA_F

ClientSampled :

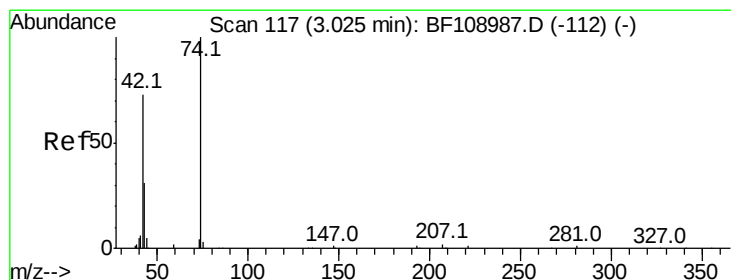
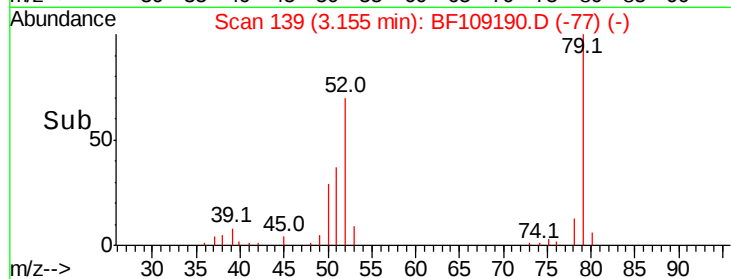
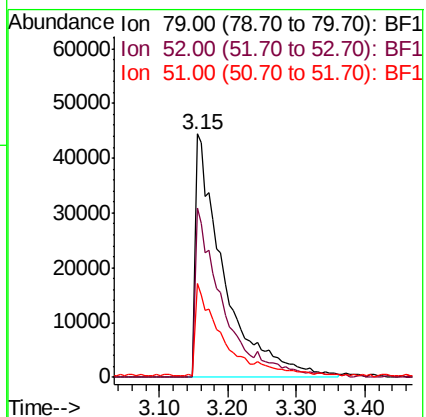
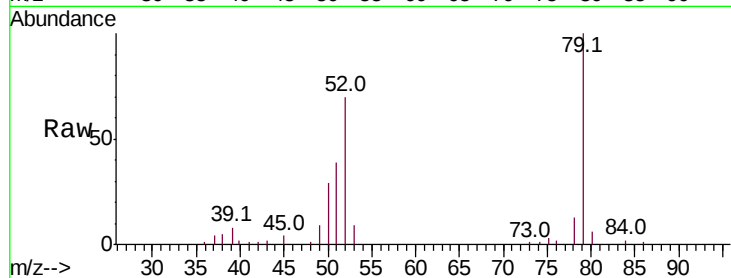
Tot Ion: 79 Resp: 127458

Ion Ratio Lower Upper

79 100

52 69.7 59.8 89.6

51 38.5 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 41.360 ng

RT: 3.08 min Scan# 126

Delta R.T. 0.05 min

Lab File: BF109190.D

Acq: 20 Sep 2018 19:05

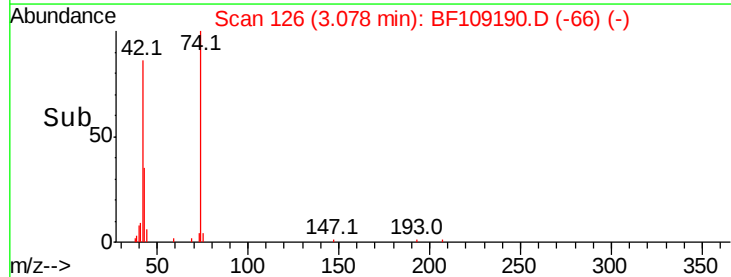
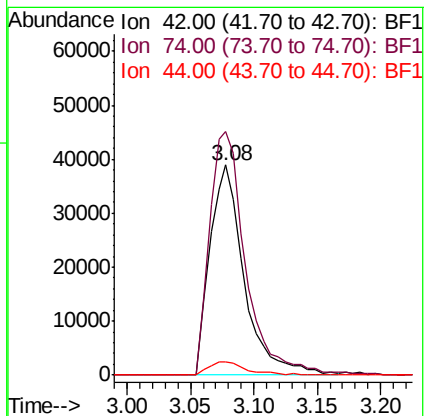
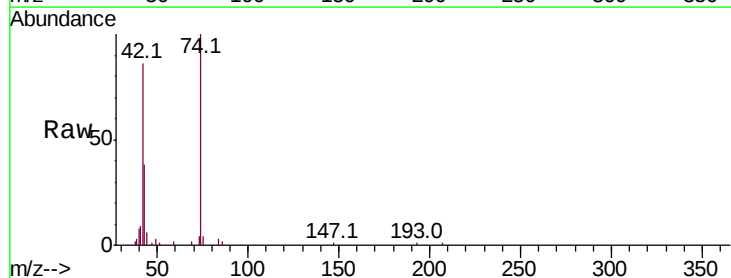
Tgt Ion: 42 Resp: 73516

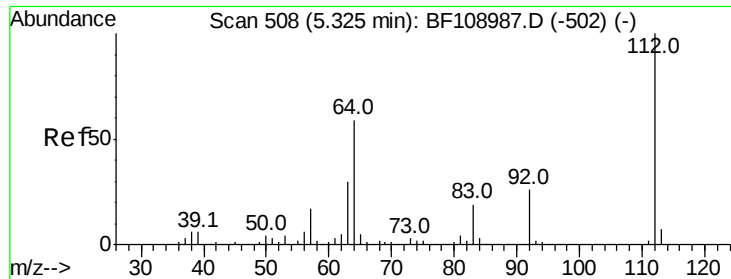
Ion Ratio Lower Upper

42 100

74 116.0 104.9 157.3

44 6.4 6.9 10.3#

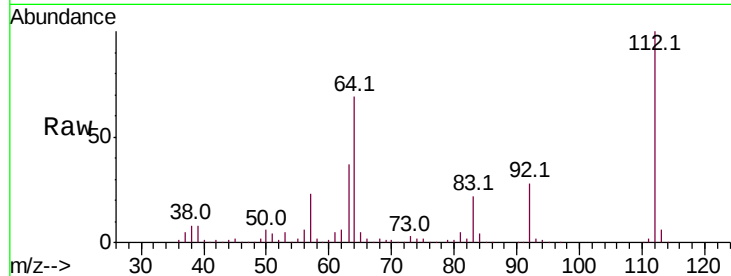




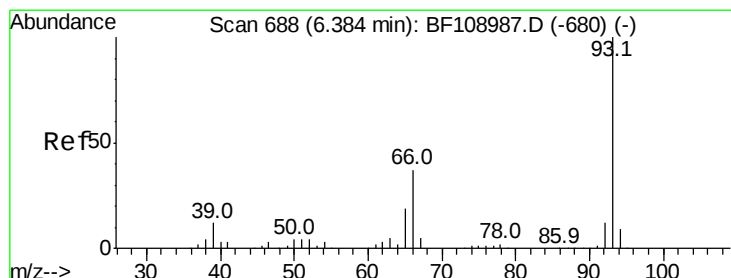
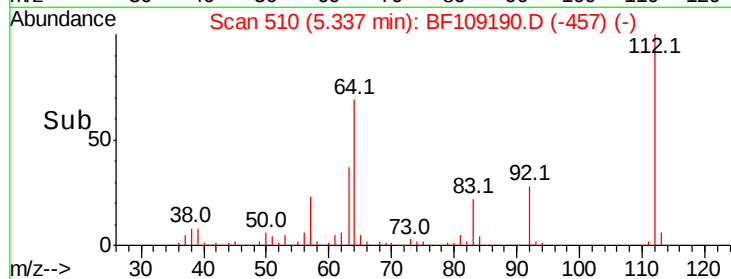
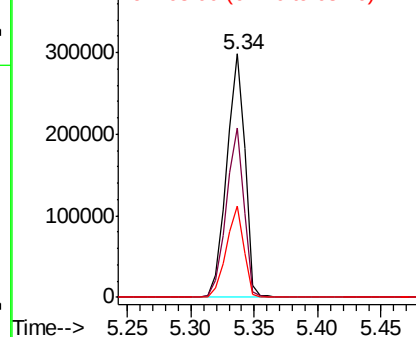
#5
 2-Fluorophenol
 Concen: 80.152 ng
 RT: 5.34 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
112	100		
64	69.4	47.9	71.9
63	37.3	23.7	35.5

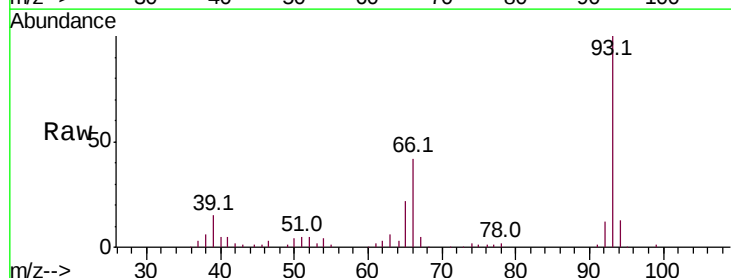


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

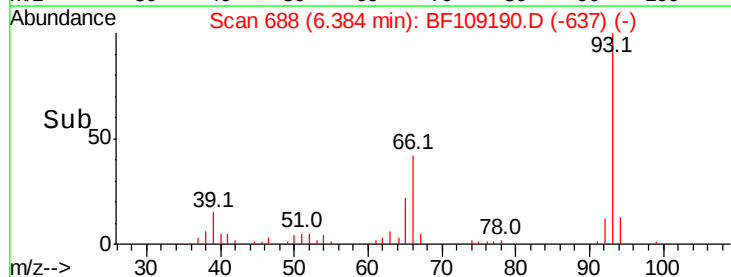
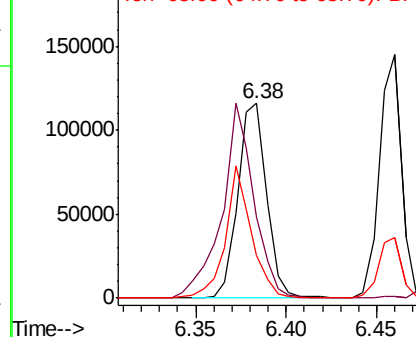


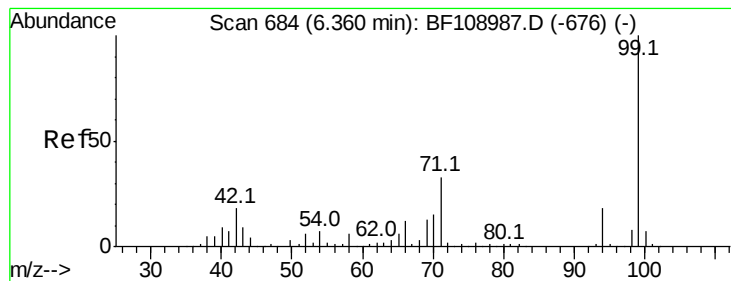
#6
 Aniline
 Concen: 20.642 ng
 RT: 6.38 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

Tgt Ion	Ratio	Lower	Upper
93	100		
66	41.9	32.2	48.2
65	22.1	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 66.00 (65.70 to 66.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 94.084 ng

RT: 6.36 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF109190.D

Acq: 20 Sep 2018 19:05

Instrument :

BNA_F

ClientSampled :

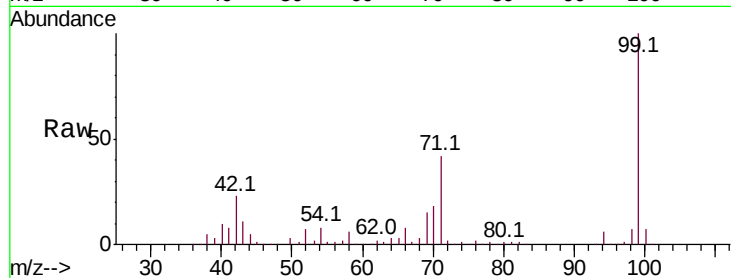
Tot Ion: 99 Resp: 452469

Ion Ratio Lower Upper

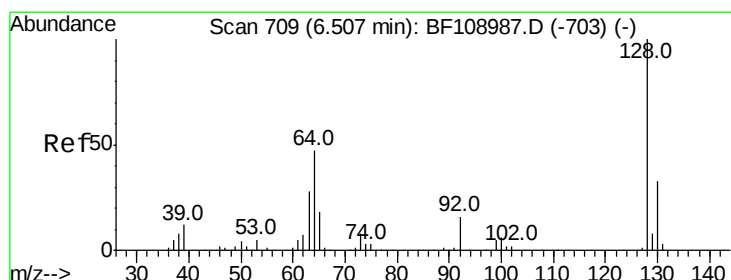
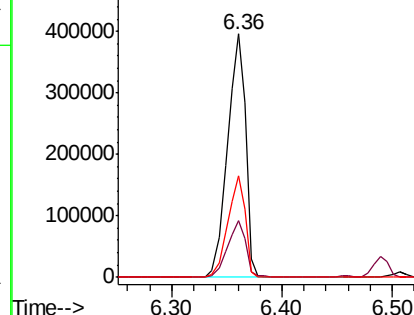
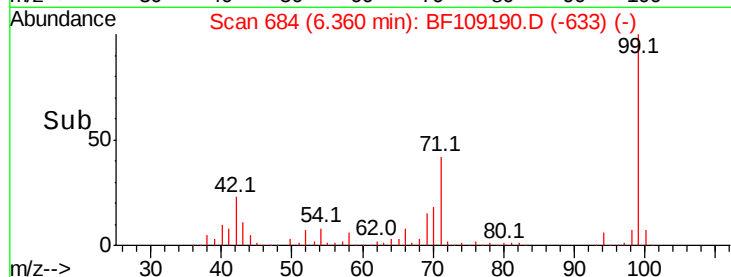
99 100

42 23.4 14.5 21.7#

71 41.6 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: 29.986 ng

RT: 6.51 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF109190.D

Acq: 20 Sep 2018 19:05

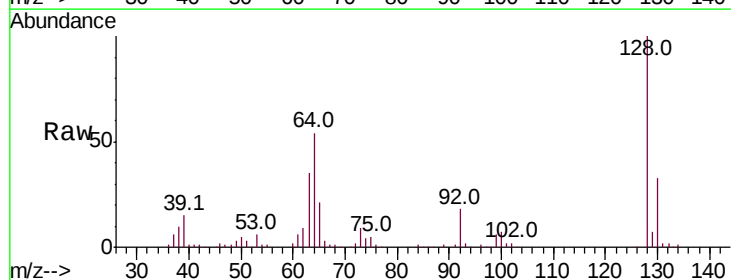
Tgt Ion: 128 Resp: 125156

Ion Ratio Lower Upper

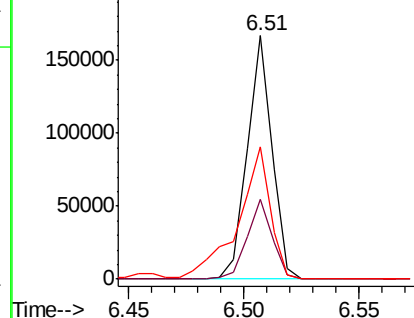
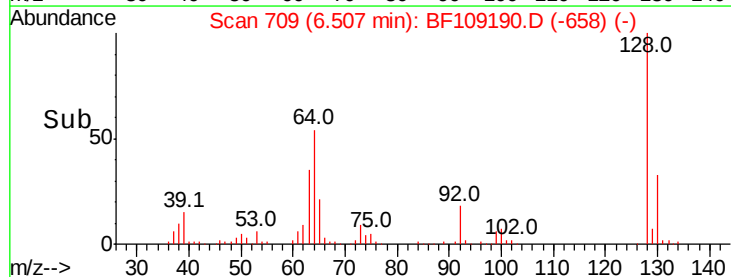
128 100

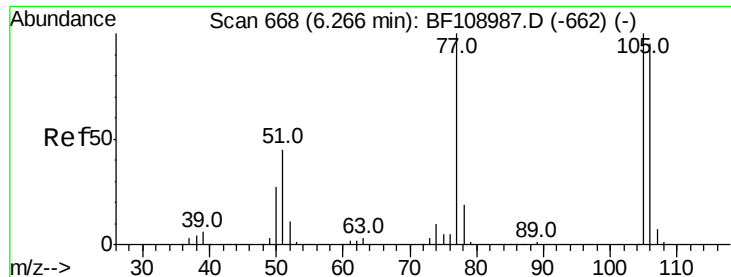
130 32.7 13.0 53.0

64 54.1 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

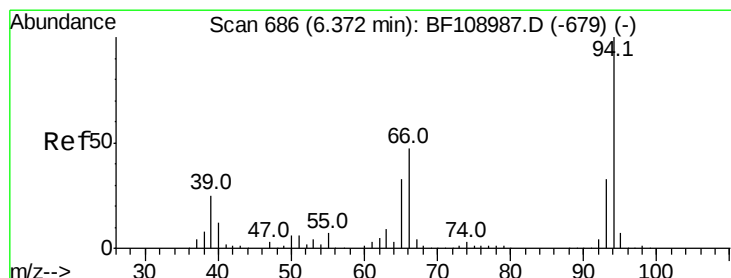
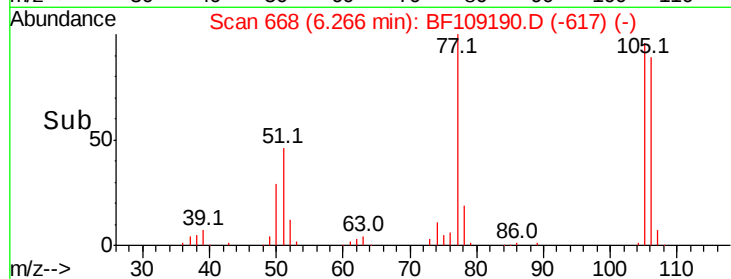
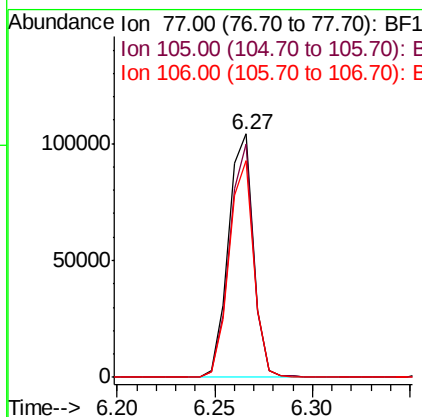
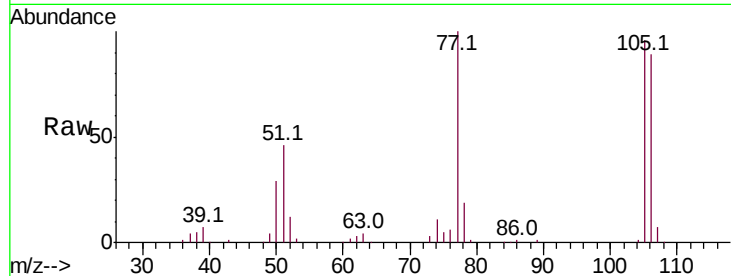




#9
Benzaldehyde
Concen: 30.304 ng
RT: 6.27 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF109190.D
Acq: 20 Sep 2018 19:05

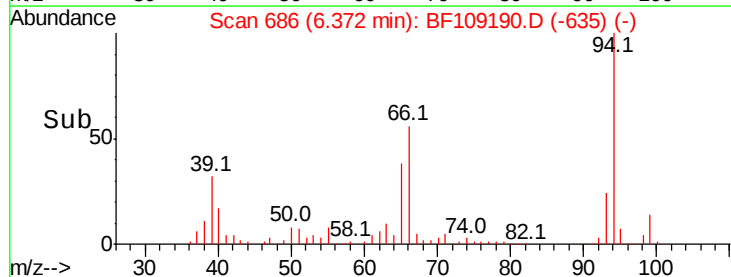
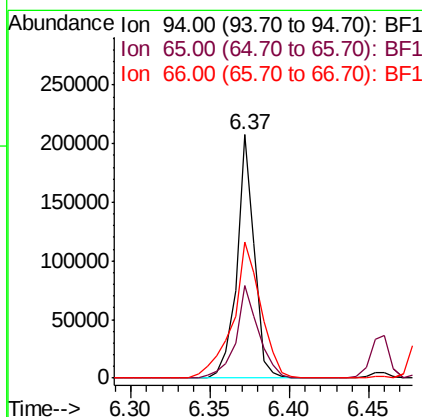
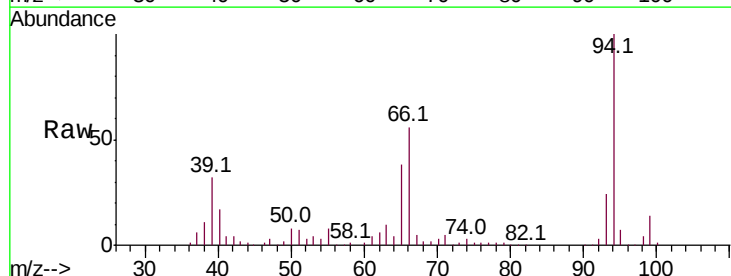
Instrument :
BNA_F
ClientSampled :

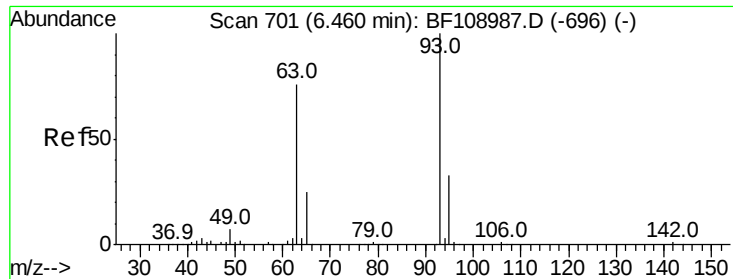
Tot Ion: 77 Resp: 93079
Ion Ratio Lower Upper
77 100
105 96.0 81.1 121.1
106 88.9 74.5 114.5



#10
Phenol
Concen: 29.240 ng
RT: 6.37 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF109190.D
Acq: 20 Sep 2018 19:05

Tgt Ion: 94 Resp: 158227
Ion Ratio Lower Upper
94 100
65 37.9 7.9 47.9
66 56.1 16.2 56.2

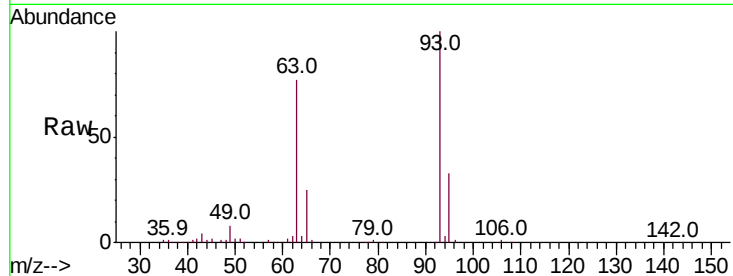




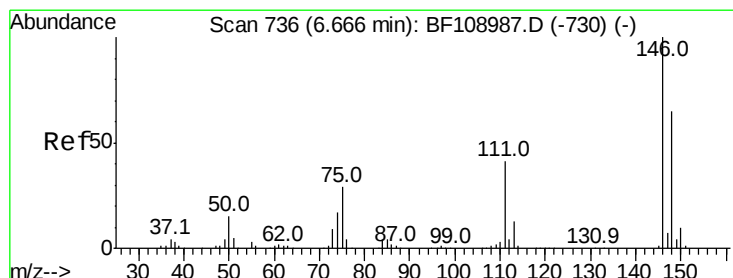
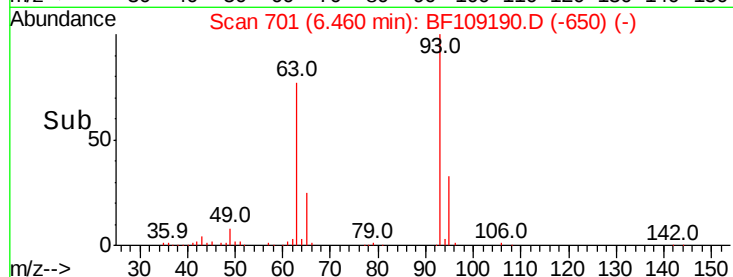
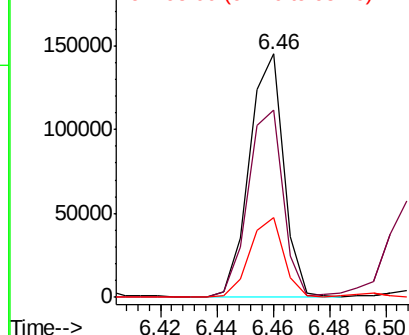
#11
bis(2-Chloroethyl)ether
Concen: 28.516 ng
RT: 6.46 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF109190.D
Acq: 20 Sep 2018 19:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 121397
Ion Ratio Lower Upper
93 100
63 77.1 58.6 98.6
95 32.5 11.8 51.8

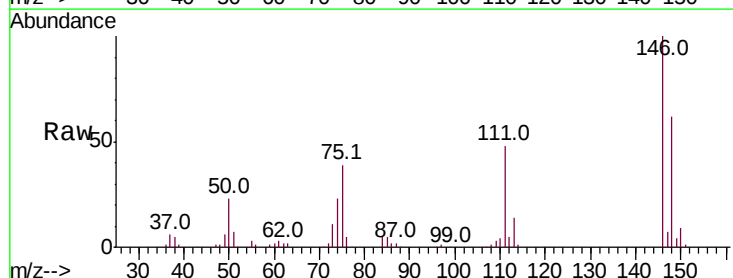


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

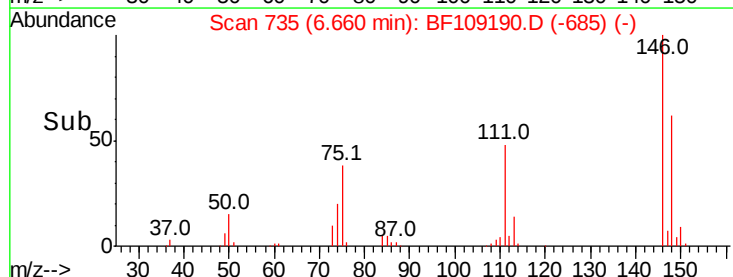
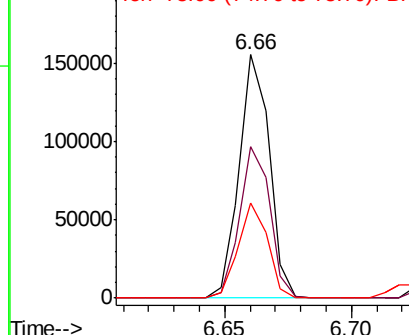


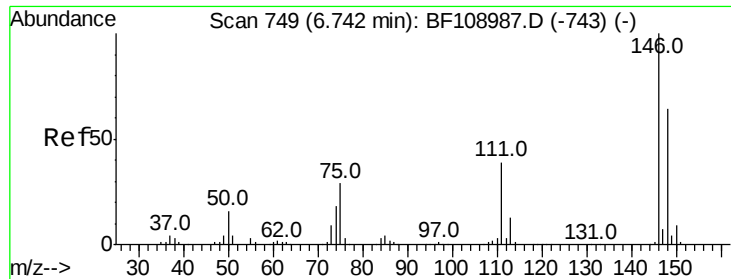
#12
1,3-Dichlorobenzene
Concen: 26.956 ng
RT: 6.66 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF109190.D
Acq: 20 Sep 2018 19:05

Tgt Ion: 146 Resp: 128669
Ion Ratio Lower Upper
146 100
148 62.1 51.8 77.8
75 39.0 24.2 36.4#



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

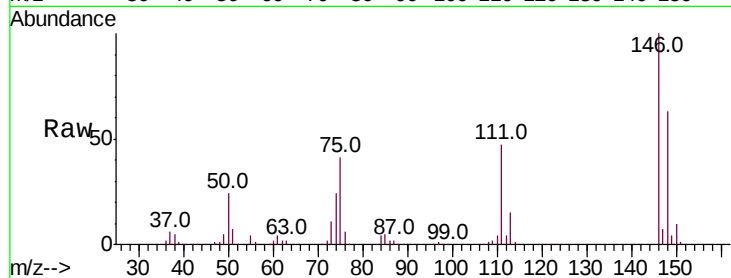




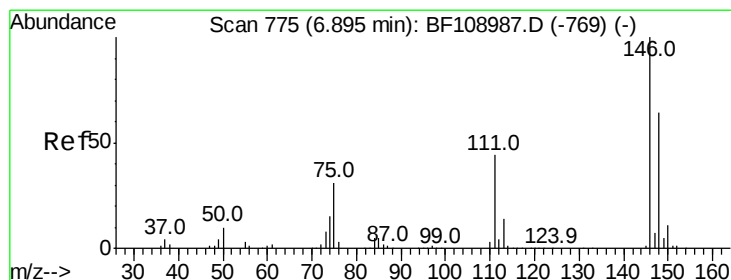
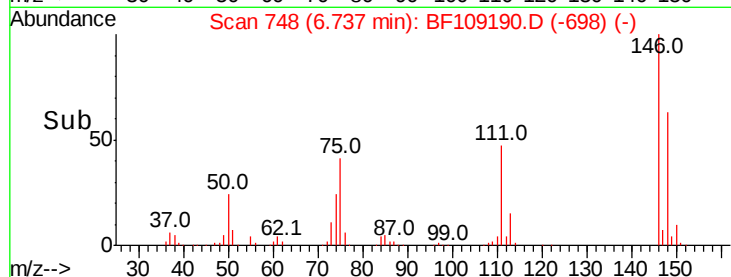
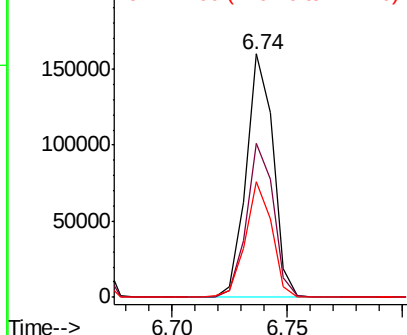
#13
 1,4-Dichlorobenzene
 Concen: 27.372 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 131072
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.8 76.2
 111 47.5 34.2 51.2

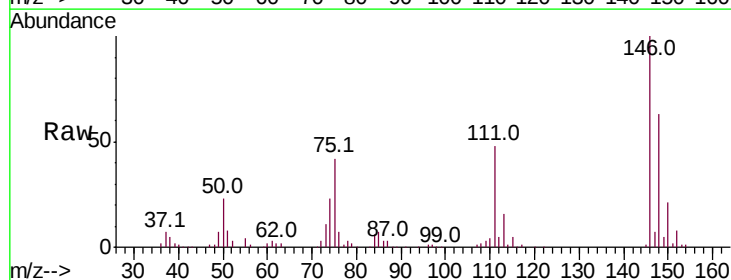


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

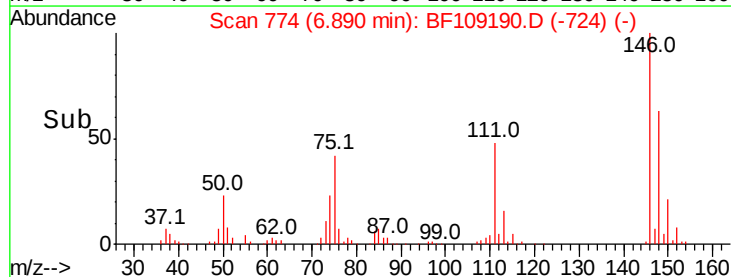
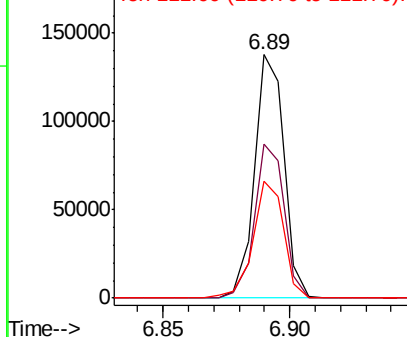


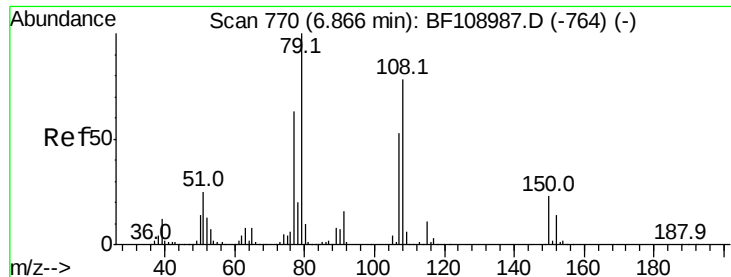
#14
 1,2-Dichlorobenzene
 Concen: 25.087 ng
 RT: 6.89 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

Tgt Ion:146 Resp: 111373
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.6 75.8
 111 47.9 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: 33.951 ng

RT: 6.86 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF109190.D

Acq: 20 Sep 2018 19:05

Instrument :

BNA_F

ClientSampled :

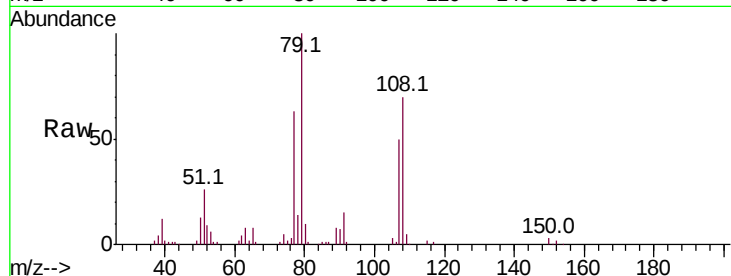
Tot Ion: 79 Resp: 123955

Ion Ratio Lower Upper

79 100

108 69.6 65.1 97.7

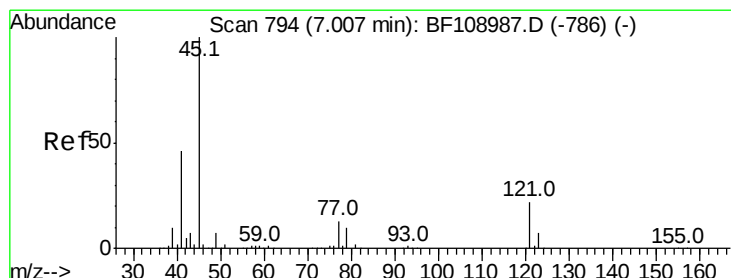
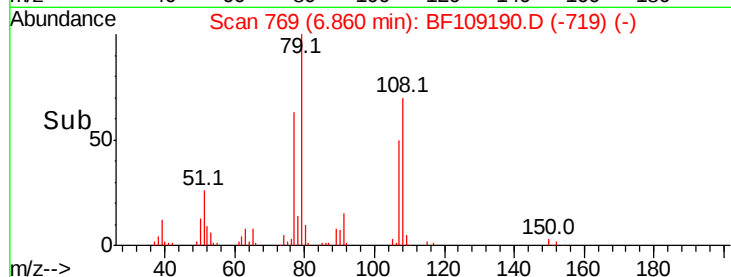
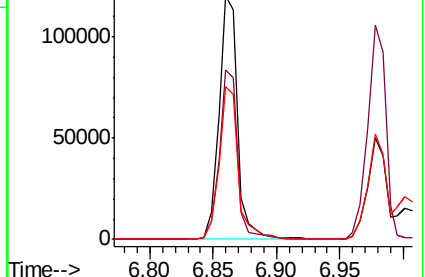
77 62.9 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.107 ng

RT: 7.00 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF109190.D

Acq: 20 Sep 2018 19:05

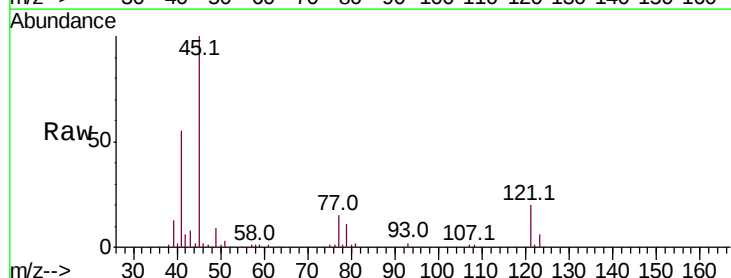
Tgt Ion: 45 Resp: 165344

Ion Ratio Lower Upper

45 100

77 15.0 0.0 32.9

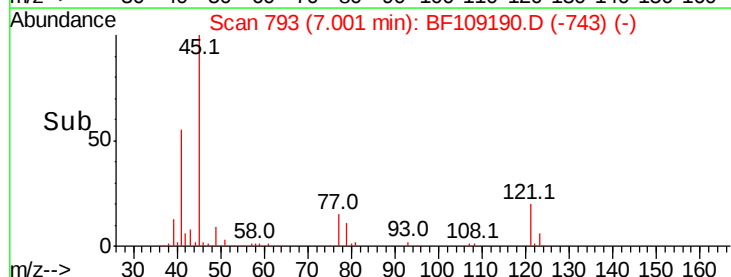
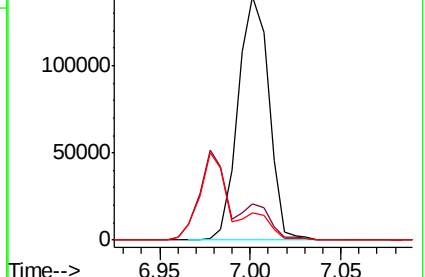
79 11.0 0.0 29.6

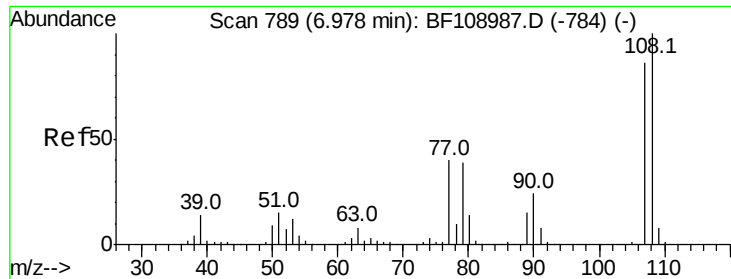


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

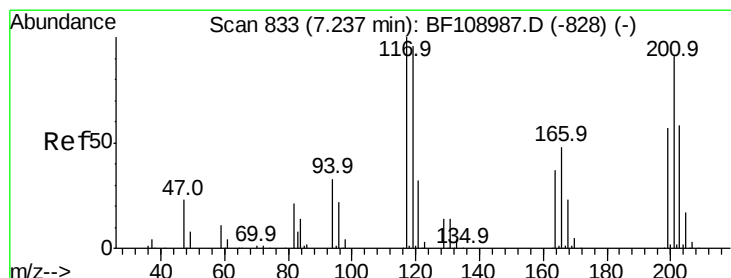
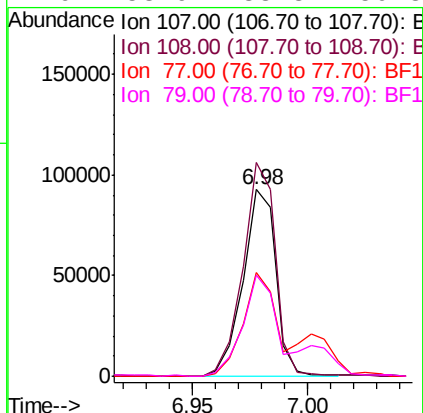
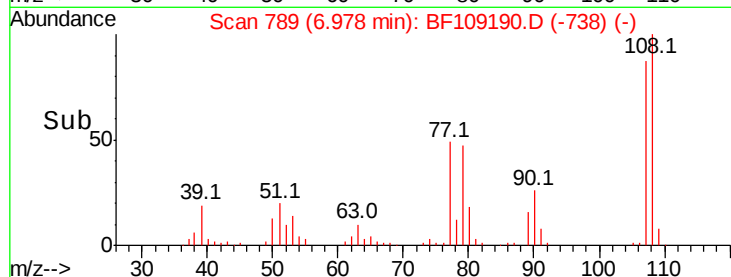
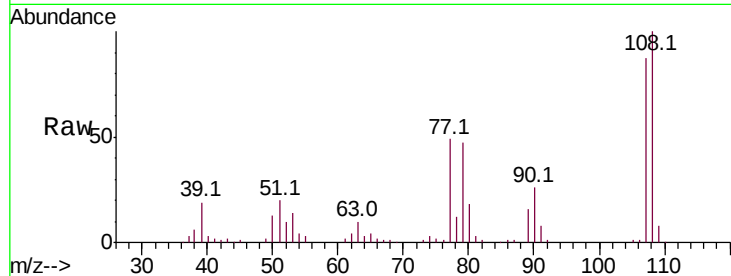




#17
2-Methylphenol
Concen: 27.055 ng
RT: 6.98 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF109190.D
Acq: 20 Sep 2018 19:05

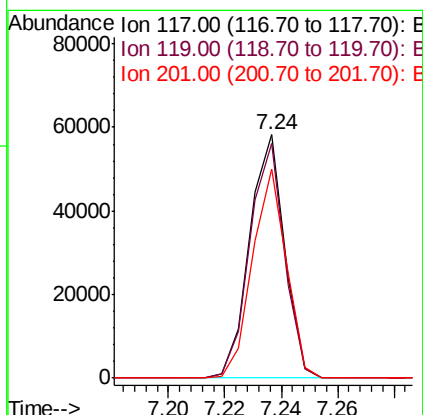
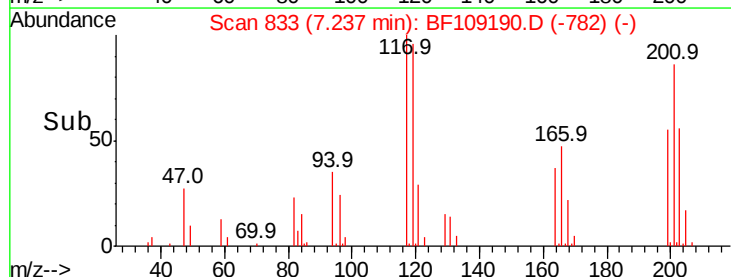
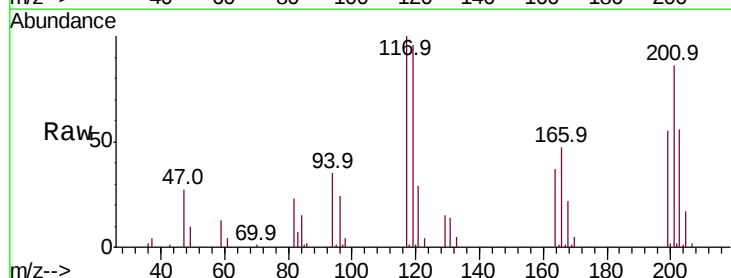
Instrument :
BNA_F
ClientSampleId :

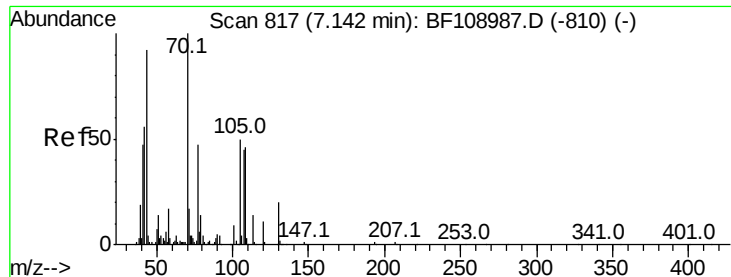
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.7	137.5
77	55.9	33.8	50.8#
79	53.9	33.8	50.8#



#18
Hexachloroethane
Concen: 28.691 ng
RT: 7.24 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF109190.D
Acq: 20 Sep 2018 19:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.8	113.8
201	85.7	75.7	113.5

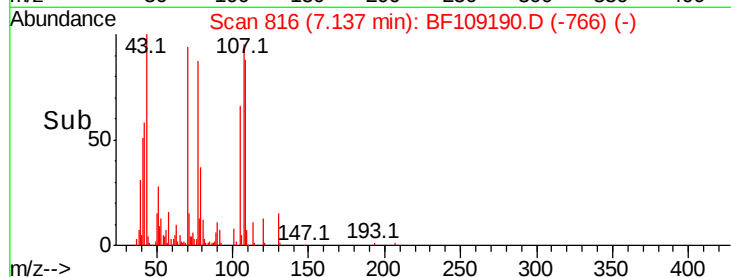
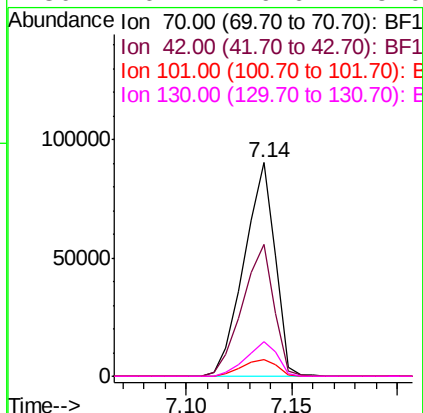
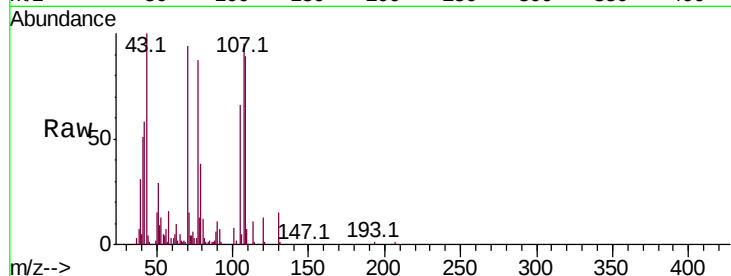




#19
n-Nitroso-di-n-propylamine
Concen: 28.997 ng
RT: 7.14 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF109190.D
Acq: 20 Sep 2018 19:05

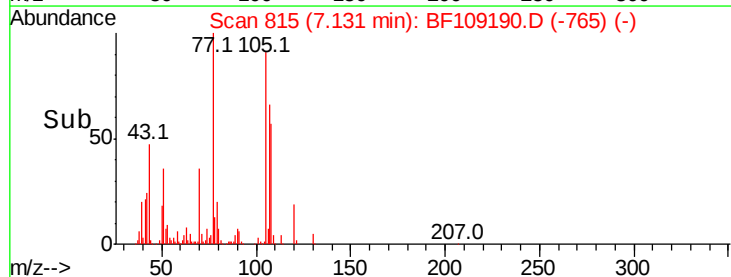
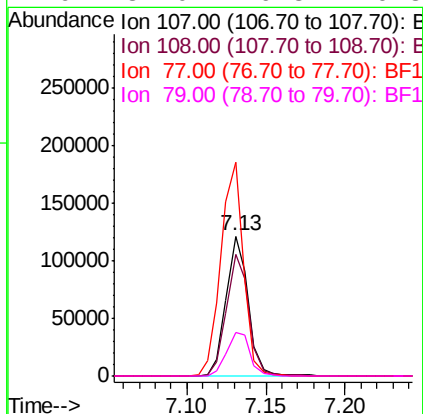
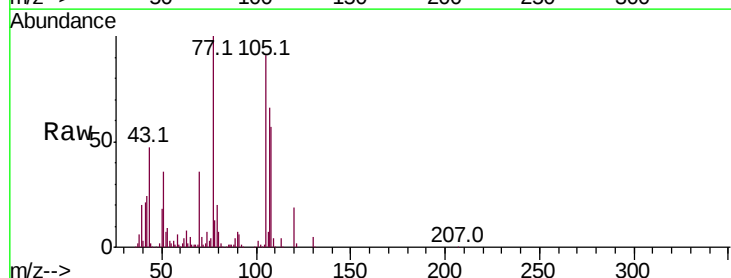
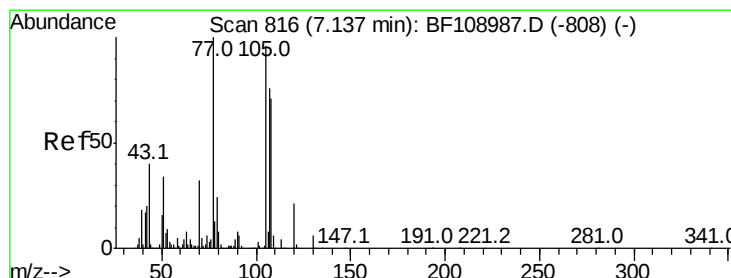
Instrument :
BNA_F
ClientSampleId :

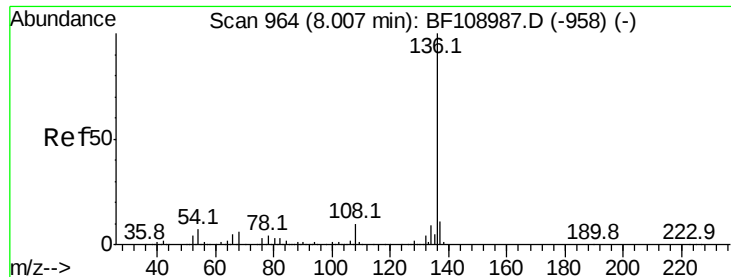
Tot Ion: 70 Resp: 92178
Ion Ratio Lower Upper
70 100
42 61.5 47.5 71.3
101 8.0 7.4 11.2
130 16.2 16.6 25.0#



#20
3+4-Methylphenols
Concen: 28.485 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF109190.D
Acq: 20 Sep 2018 19:05

Tgt Ion:107 Resp: 116822
Ion Ratio Lower Upper
107 100
108 86.4 68.2 108.2
77 152.6 26.7 66.7#
79 31.0 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109190.D

Acq: 20 Sep 2018 19:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 203440

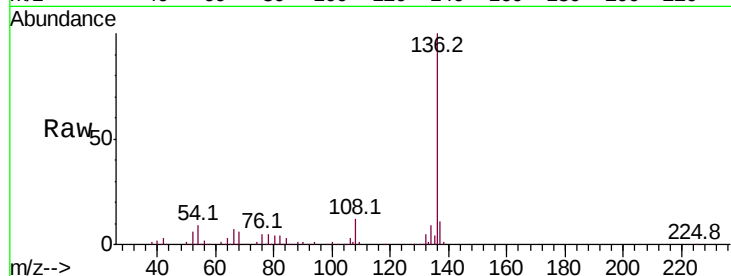
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.3 6.6 9.8

68 6.4 5.0 7.4

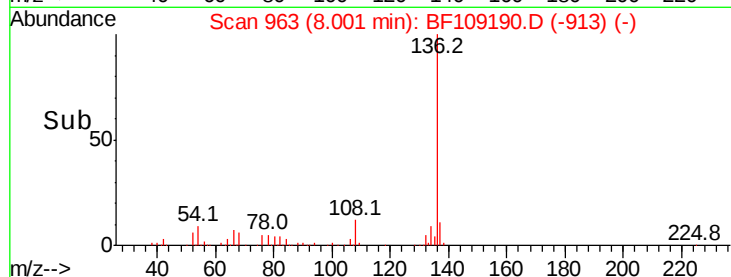


Abundance Ion 136.00 (135.70 to 136.70): E

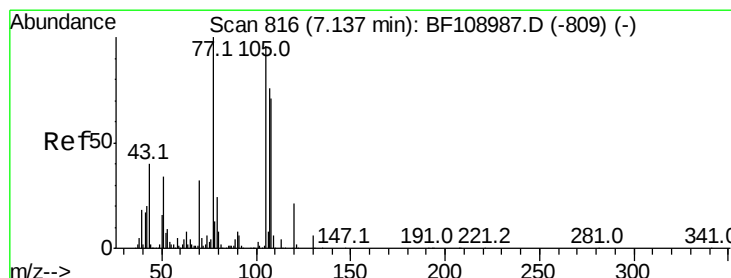
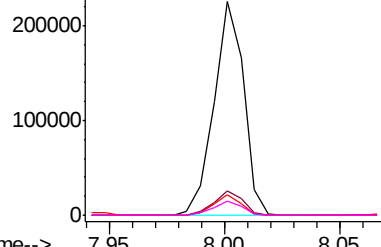
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 36.083 ng

RT: 7.13 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF109190.D

Acq: 20 Sep 2018 19:05

Tgt Ion:105 Resp: 166707

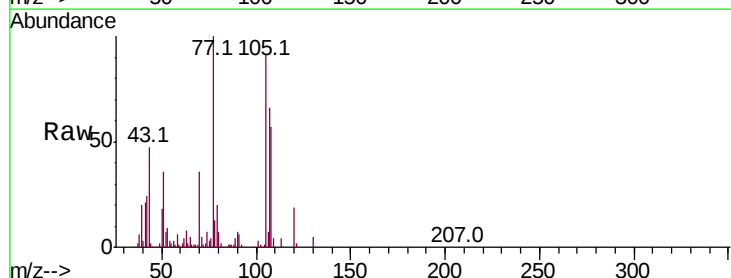
Ion Ratio Lower Upper

105 100

71 6.0 4.4 6.6

51 40.0 22.3 33.5#

120 20.6 16.9 25.3

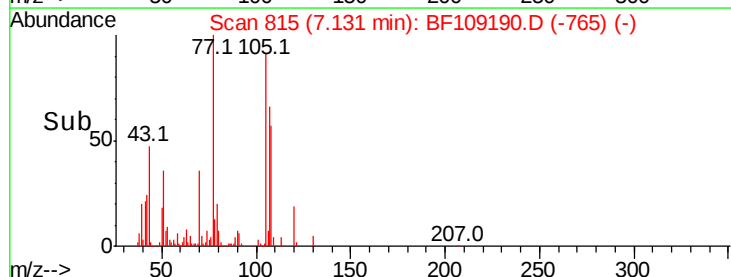


Abundance Ion 105.00 (104.70 to 105.70): E

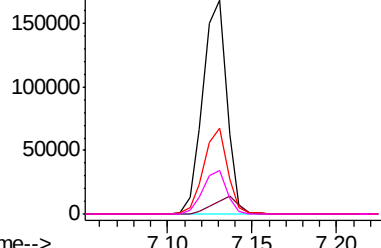
Ion 71.00 (70.70 to 71.70): BF1

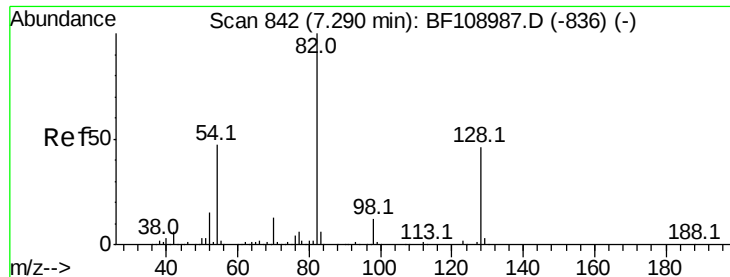
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

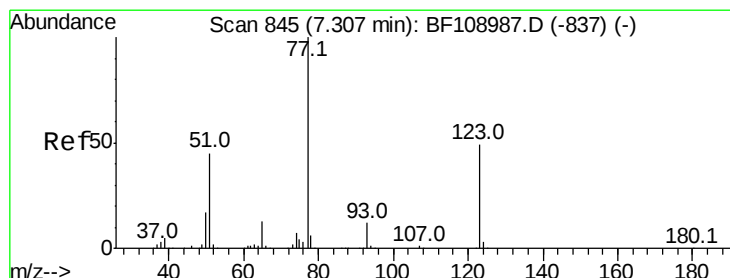
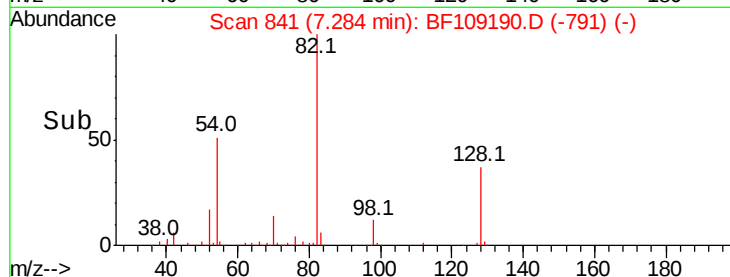
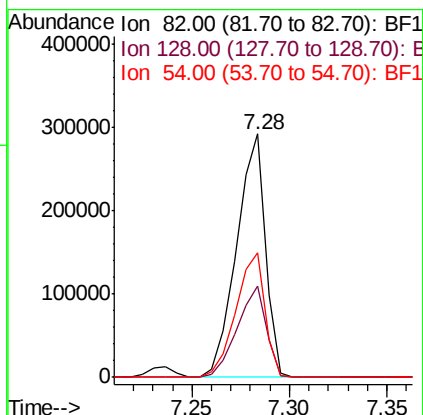
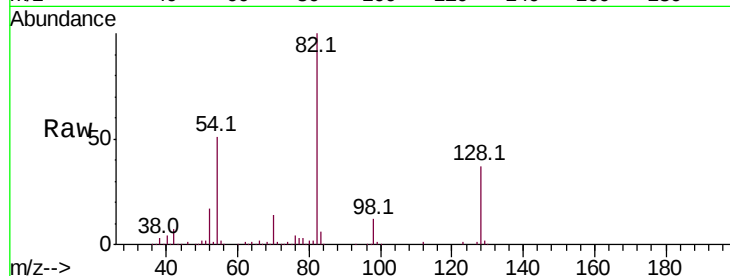




#23
 Nitrobenzene-d5
 Concen: 82.237 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

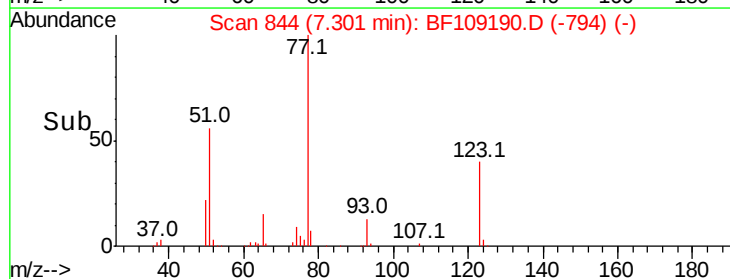
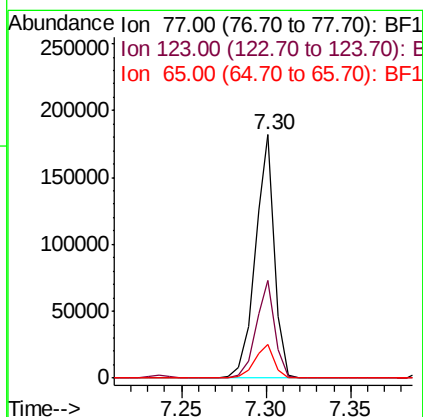
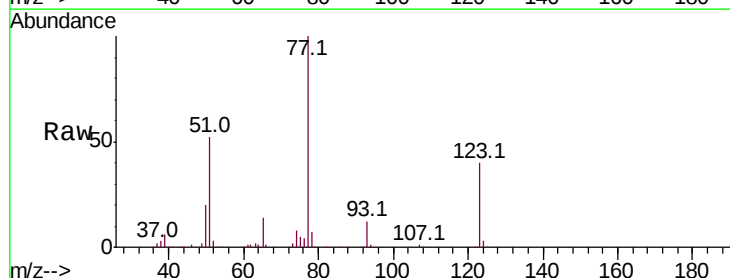
Instrument :
 BNA_F
 ClientSampleId :

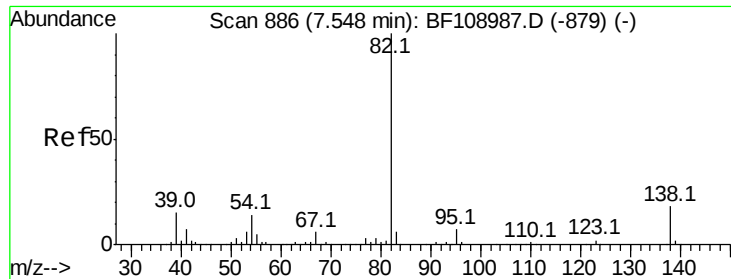
Tot Ion	82	Resp	298287
Ion Ratio	100	Lower	Upper
128	37.3	36.1	54.1
54	51.0	41.4	62.2



#24
 Nitrobenzene
 Concen: 38.440 ng
 RT: 7.30 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

Tgt Ion	77	Resp	143753
Ion Ratio	100	Lower	Upper
123	39.9	37.9	56.9
65	13.7	11.0	16.4





#25

Isophorone

Concen: 39.468 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF109190.D

Acq: 20 Sep 2018 19:05

Instrument :

BNA_F

ClientSampleId :

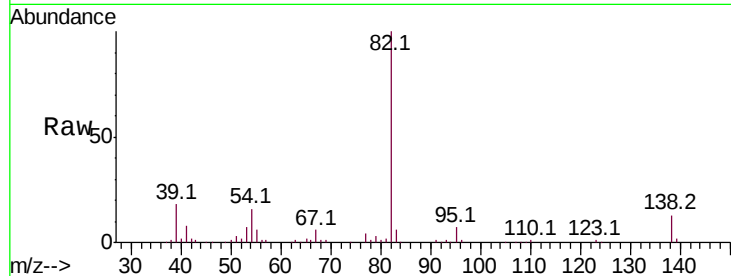
Tot Ion: 82 Resp: 246081

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

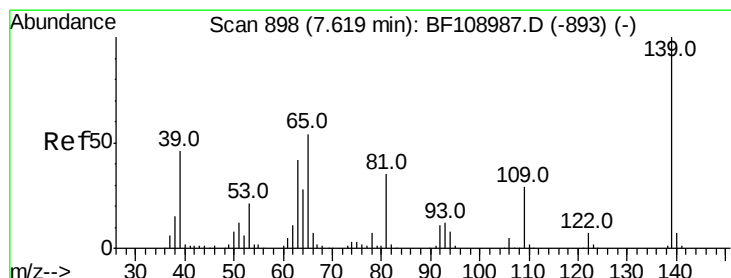
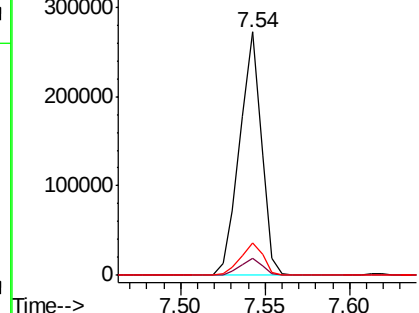
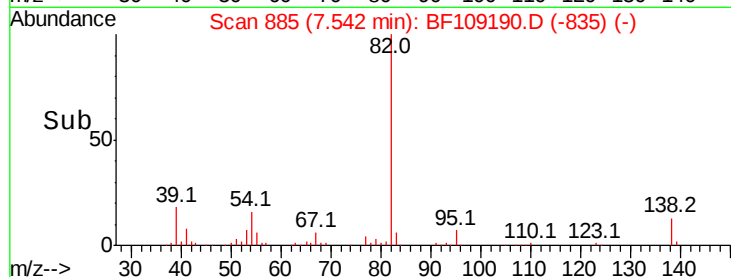
138 13.3 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 32.295 ng

RT: 7.62 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF109190.D

Acq: 20 Sep 2018 19:05

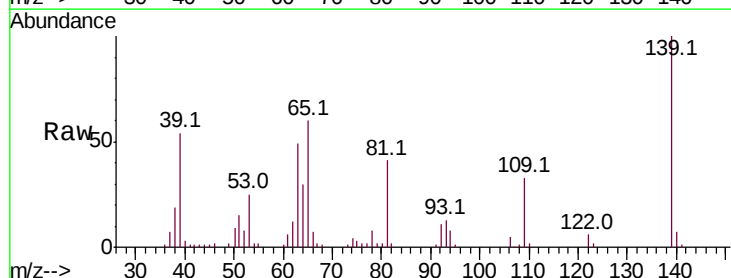
Tgt Ion: 139 Resp: 56394

Ion Ratio Lower Upper

139 100

109 33.4 22.7 34.1

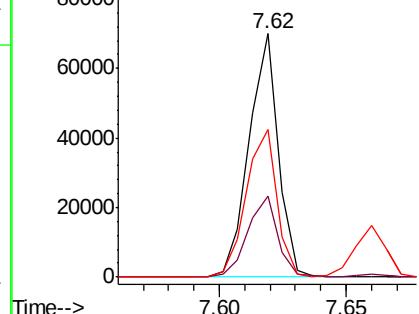
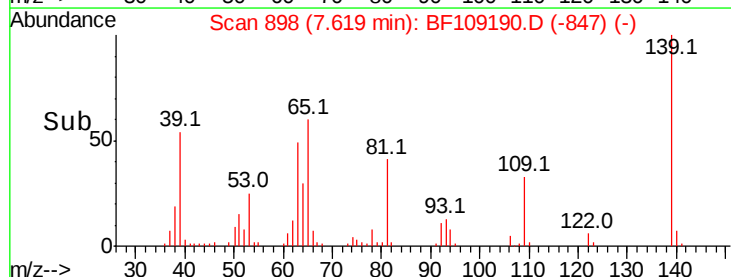
65 60.4 40.5 60.7

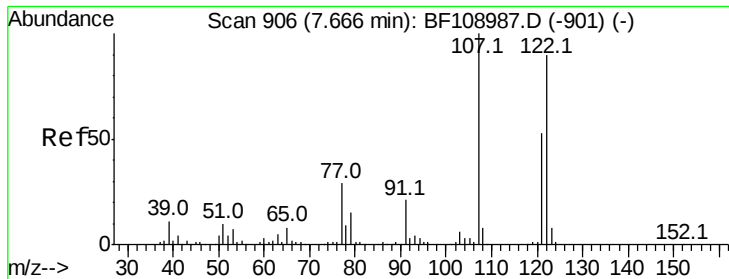


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

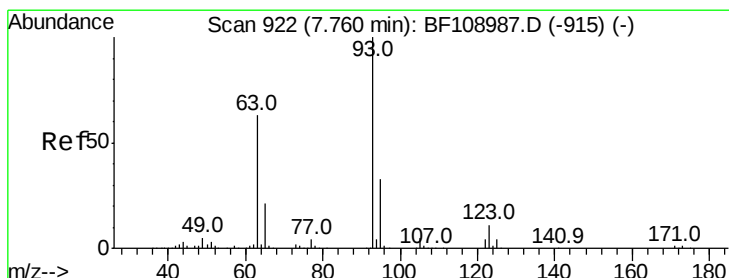
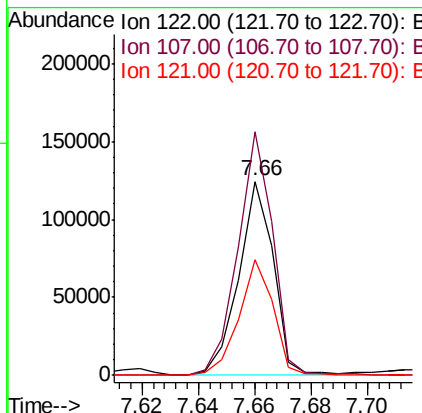
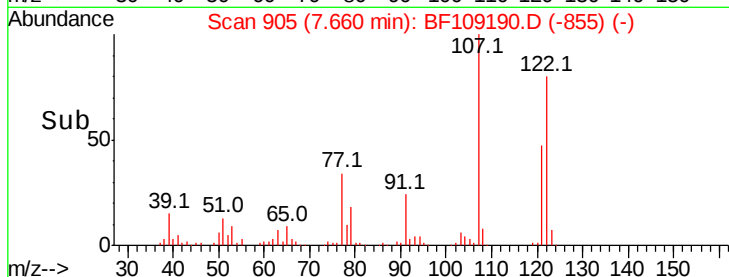
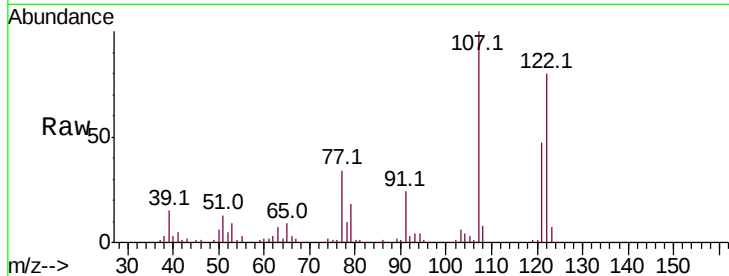




#27
 2,4-Dimethylphenol
 Concen: 39.122 ng
 RT: 7.66 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

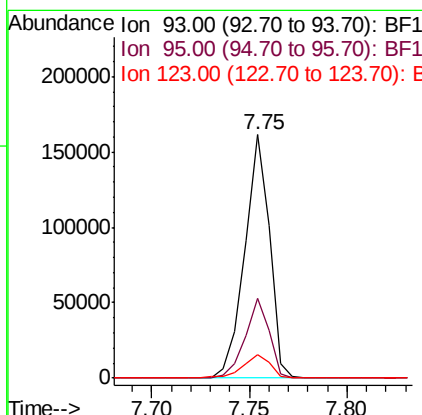
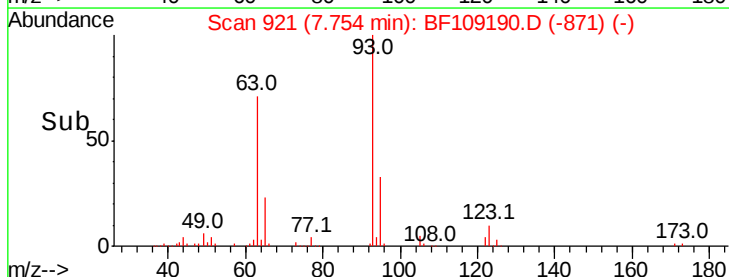
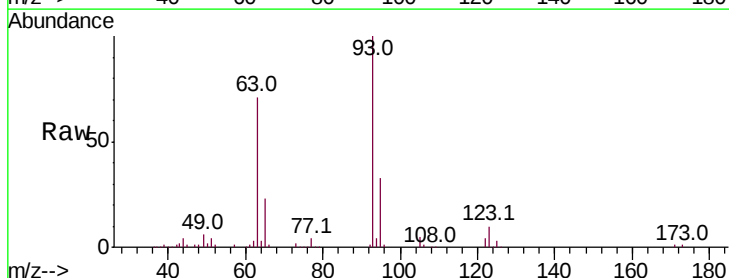
Instrument :
 BNA_F
 ClientSampleId :

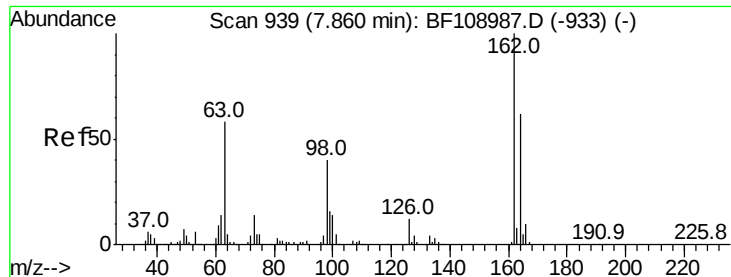
Tot Ion	Ratio	Lower	Upper
122	100		
107	125.3	91.2	136.8
121	59.5	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.892 ng
 RT: 7.75 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.3	39.5
123	9.8	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 30.977 ng

RT: 7.86 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF109190.D

Acq: 20 Sep 2018 19:05

Instrument :

BNA_F

ClientSampled :

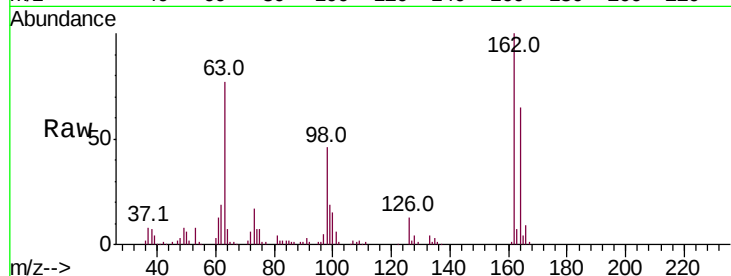
Tot Ion:162 Resp: 90420

Ion Ratio Lower Upper

162 100

164 64.8 42.7 82.7

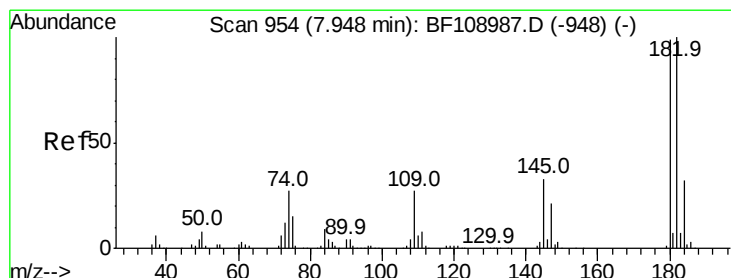
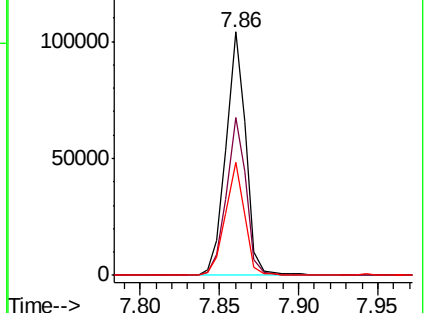
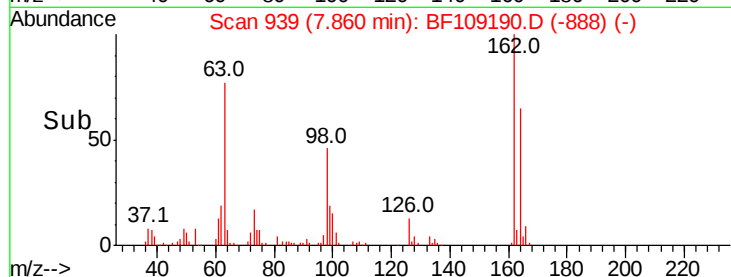
98 46.3 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 26.754 ng

RT: 7.95 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF109190.D

Acq: 20 Sep 2018 19:05

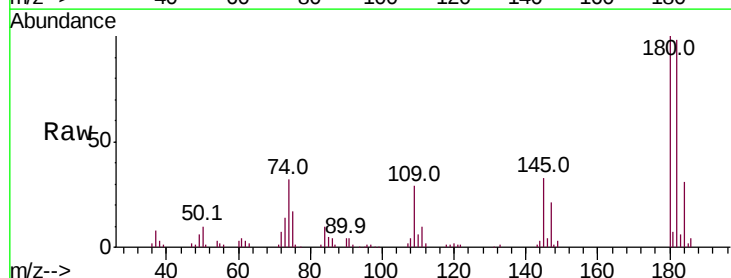
Tgt Ion:180 Resp: 84414

Ion Ratio Lower Upper

180 100

182 98.2 76.8 115.2

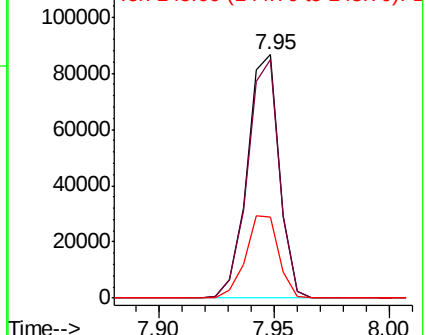
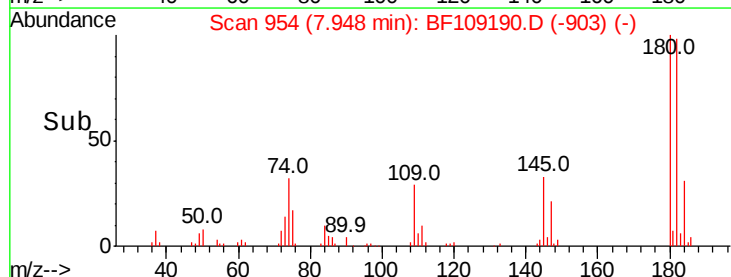
145 33.2 26.5 39.7

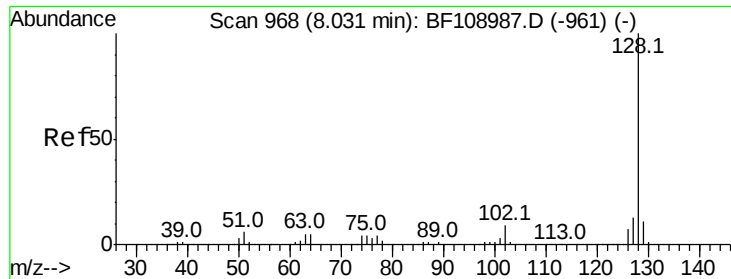


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

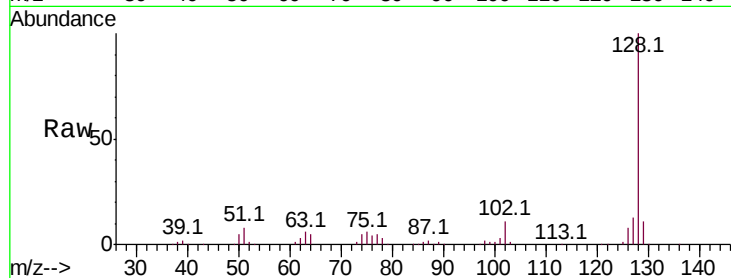




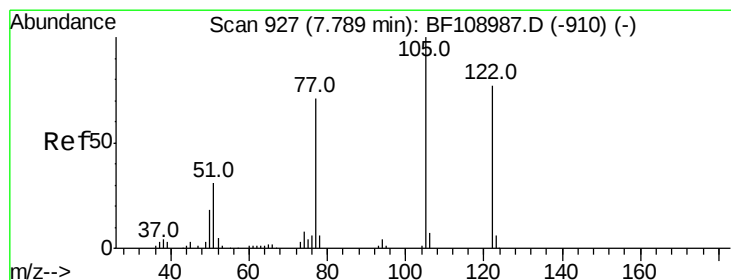
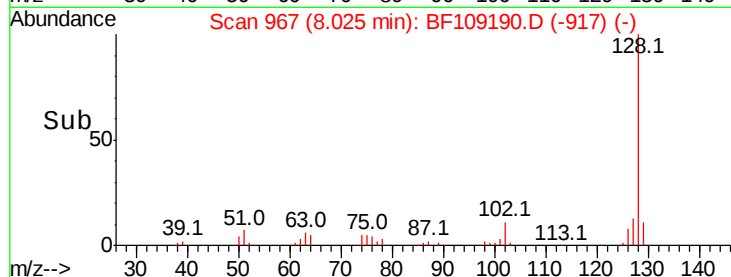
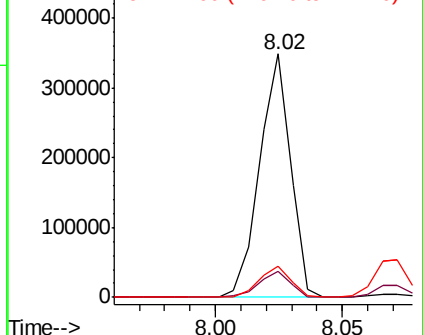
#31
Naphthalene
Concen: 31.564 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF109190.D
Acq: 20 Sep 2018 19:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 298044
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 12.9 10.9 16.3

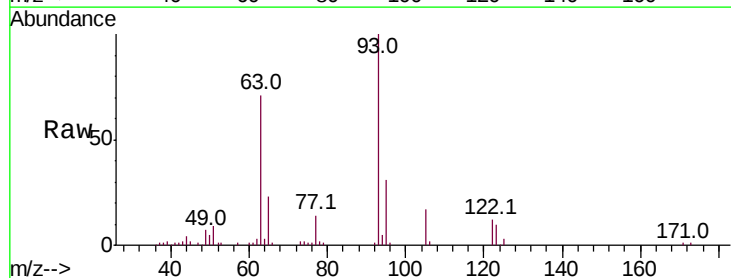


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

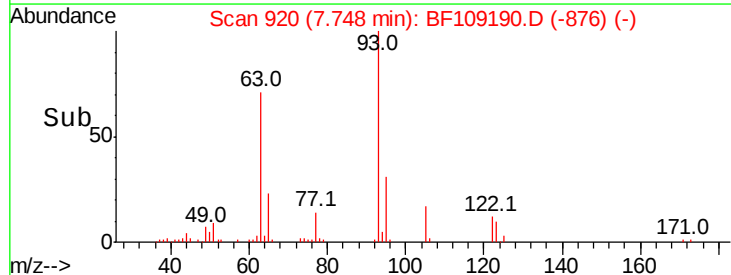
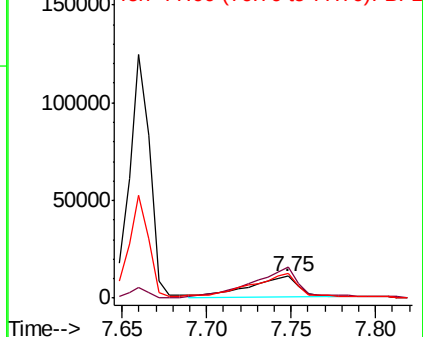


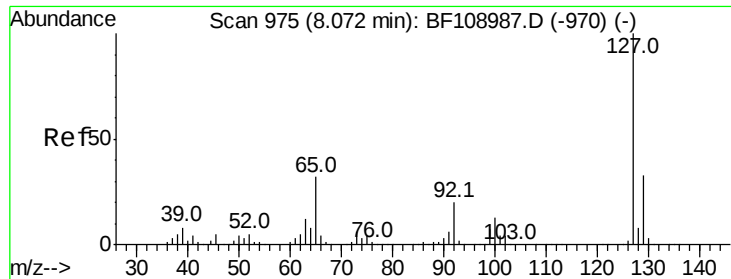
#32
Benzoic acid
Concen: 11.438 ng
RT: 7.75 min Scan# 920
Delta R.T. -0.04 min
Lab File: BF109190.D
Acq: 20 Sep 2018 19:05

Tgt Ion:122 Resp: 20472
Ion Ratio Lower Upper
122 100
105 144.5 101.1 141.1#
77 117.6 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

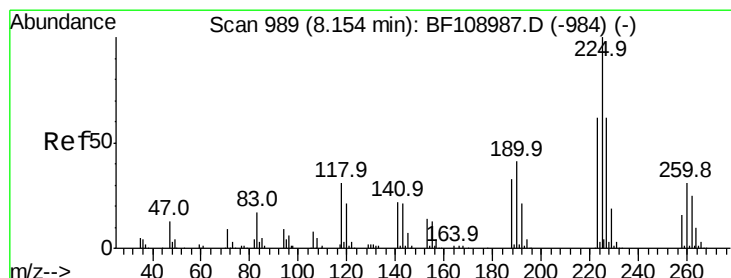
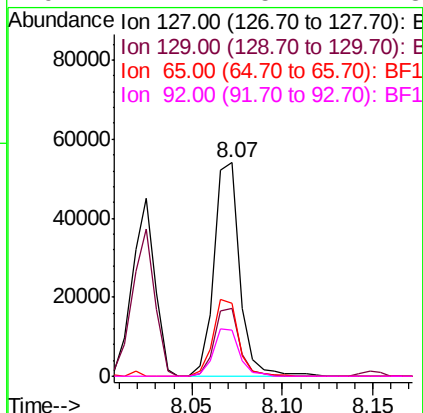
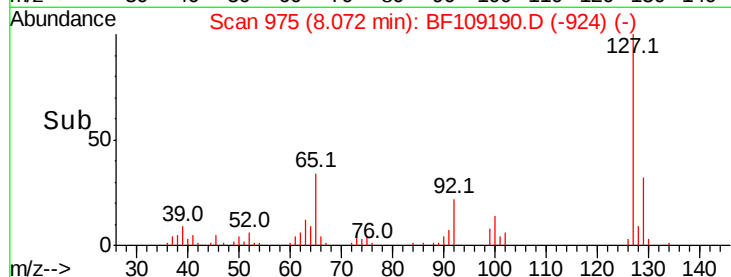
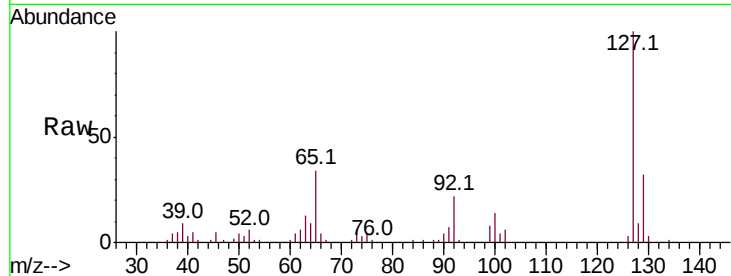




#33
 4-Chloroaniline
 Concen: 12.704 ng
 RT: 8.07 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

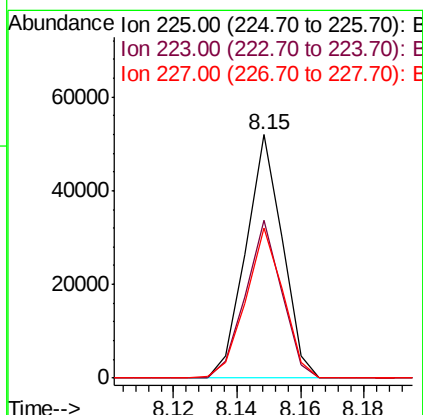
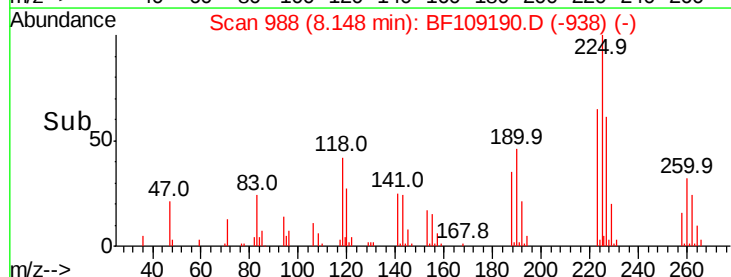
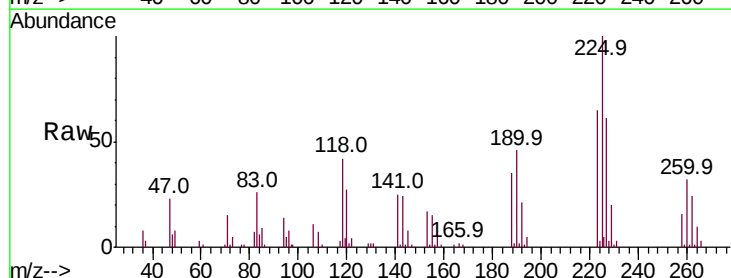
Instrument :
 BNA_F
 ClientSampleId :

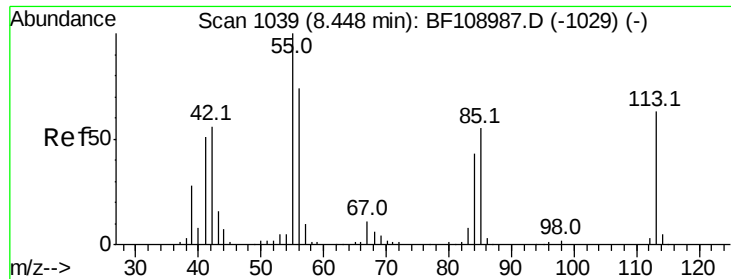
Tot Ion:127	Resp:	53336
Ion	Ratio	Lower Upper
127	100	
129	31.6	25.9 38.9
65	34.0	25.0 37.4
92	21.7	15.2 22.8



#34
 Hexachlorobutadiene
 Concen: 21.568 ng
 RT: 8.15 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

Tgt Ion:225	Resp:	41546
Ion	Ratio	Lower Upper
225	100	
223	65.0	50.6 76.0
227	61.5	51.9 77.9

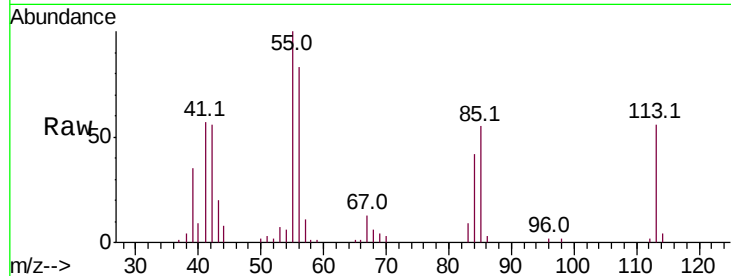




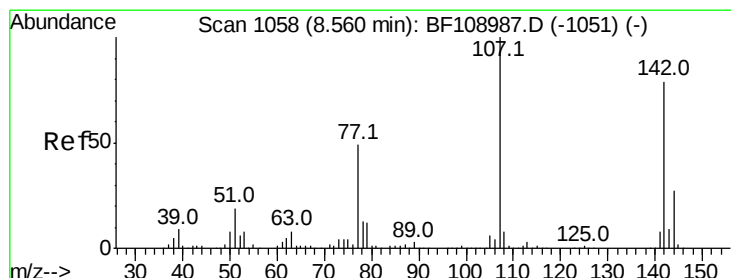
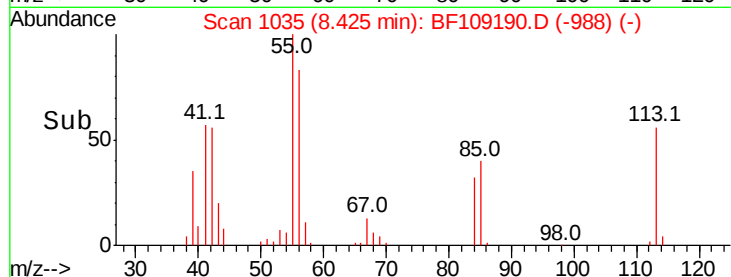
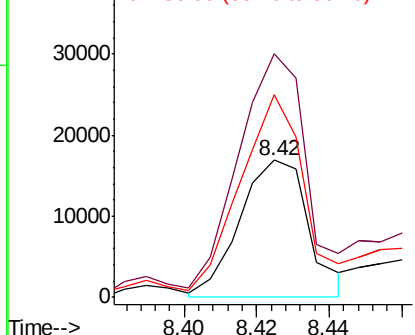
#35
 Caprolactam
 Concen: 23.576 ng
 RT: 8.42 min Scan# 1035
 Delta R.T. -0.02 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 22436
 Ion Ratio Lower Upper
 113 100
 55 177.8 163.3 203.3
 56 147.6 115.7 155.7

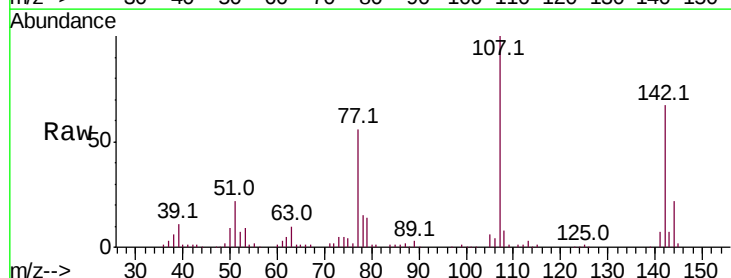


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

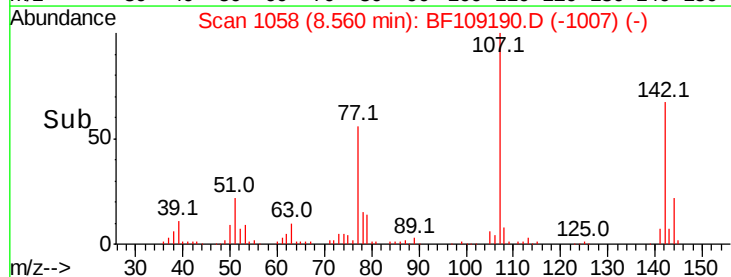
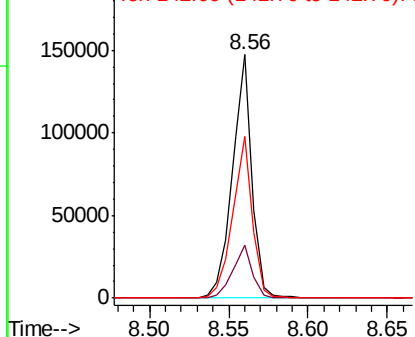


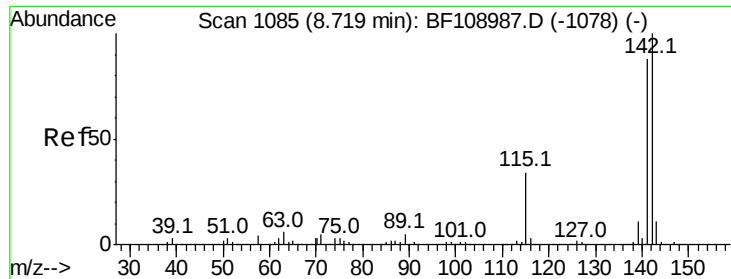
#36
 4-Chloro-3-methylphenol
 Concen: 40.887 ng
 RT: 8.56 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

Tgt Ion:107 Resp: 125635
 Ion Ratio Lower Upper
 107 100
 144 21.9 20.5 30.7
 142 66.5 62.0 93.0



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

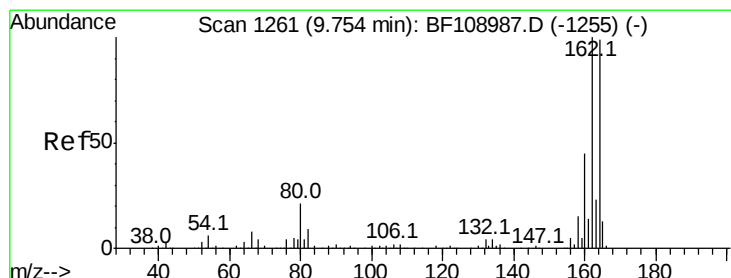
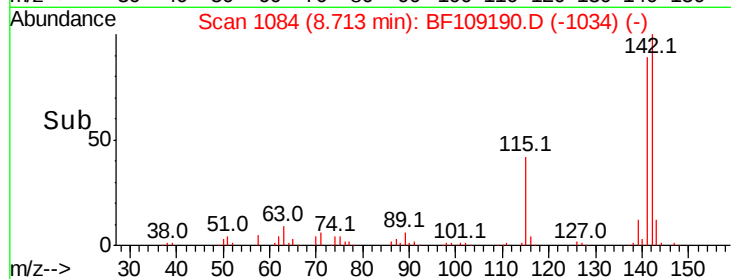
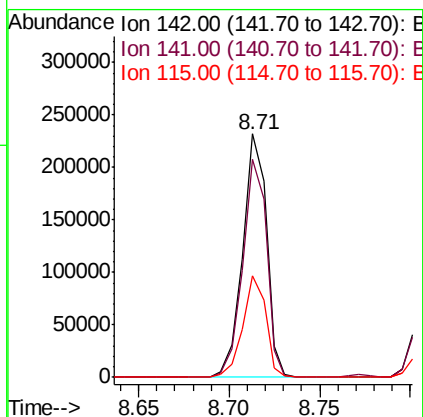
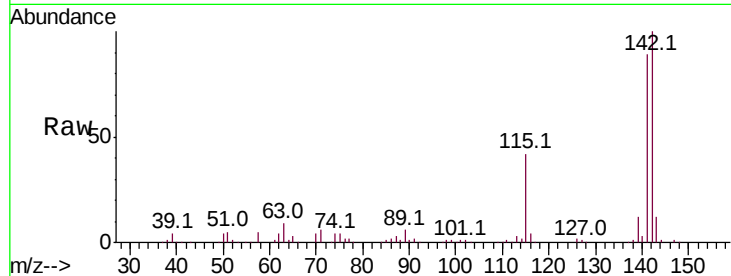




#37
 2-Methylnaphthalene
 Concen: 34.456 ng
 RT: 8.71 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

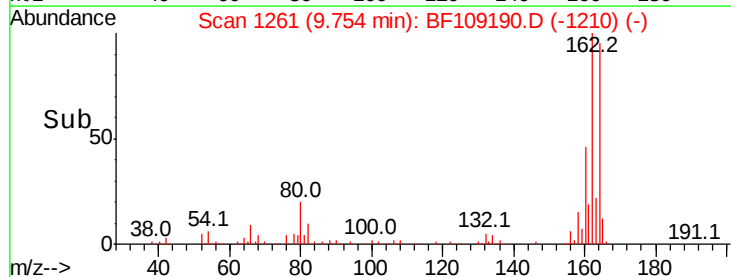
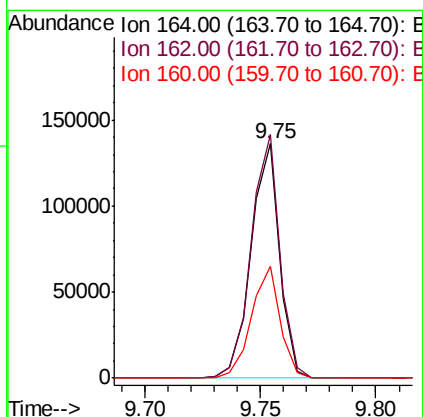
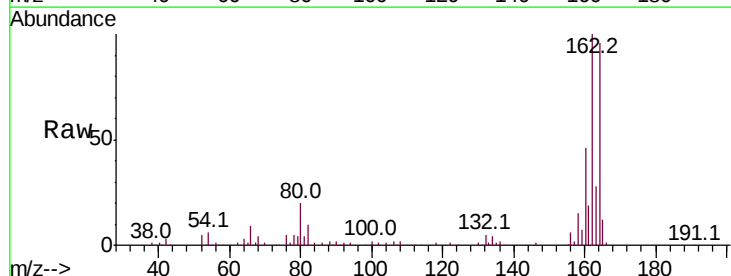
Instrument :
 BNA_F
 ClientSampleId :

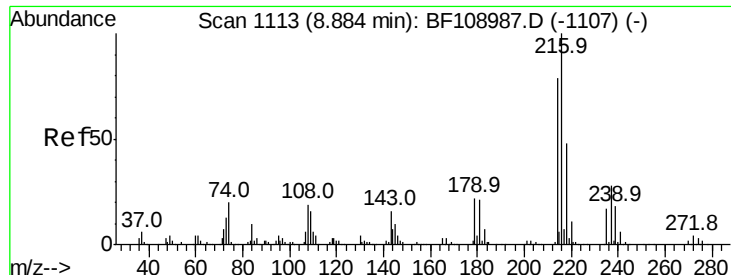
Tot Ion:142 Resp: 212080
 Ion Ratio Lower Upper
 142 100
 141 89.4 70.8 106.2
 115 41.6 26.1 39.1#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

Tgt Ion:164 Resp: 117304
 Ion Ratio Lower Upper
 164 100
 162 104.0 86.1 129.1
 160 47.5 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 24.283 ng

RT: 8.88 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BF109190.D

Acq: 20 Sep 2018 19:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 89654

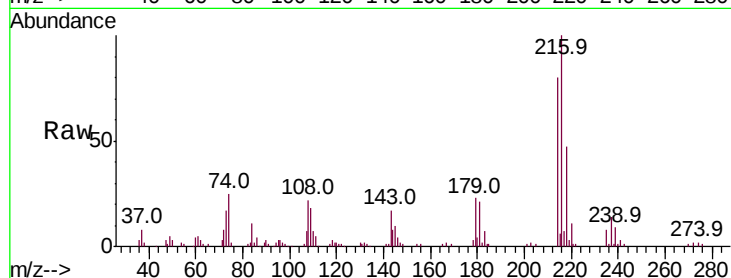
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 22.6 18.1 27.1

108 25.2 17.2 25.8

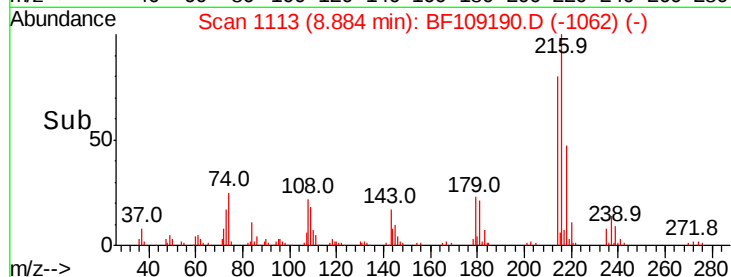


Abundance Ion 216.00 (215.70 to 216.70): E

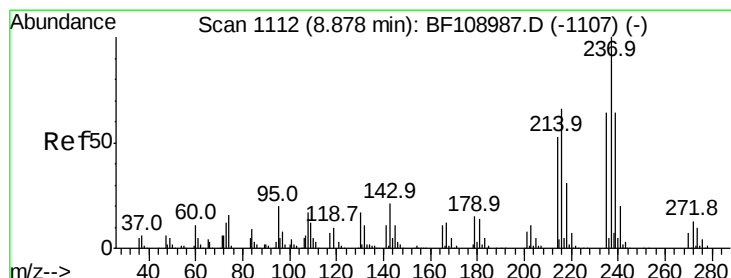
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 42.195 ng

RT: 8.87 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF109190.D

Acq: 20 Sep 2018 19:05

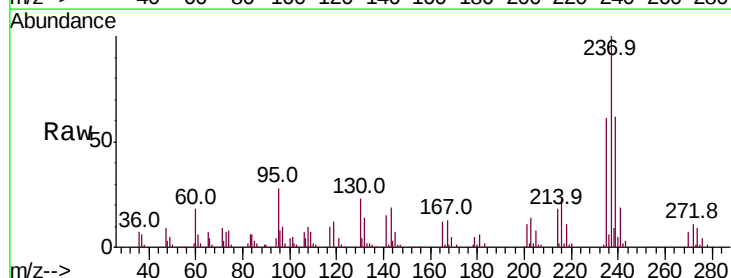
Tgt Ion:237 Resp: 78491

Ion Ratio Lower Upper

237 100

235 60.6 44.8 84.8

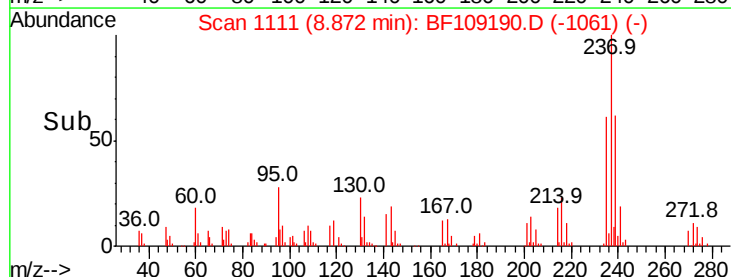
272 11.4 0.0 33.3



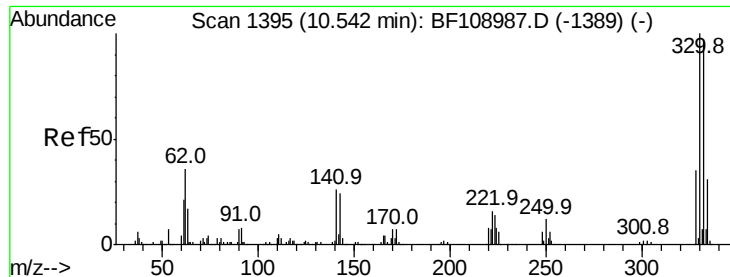
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



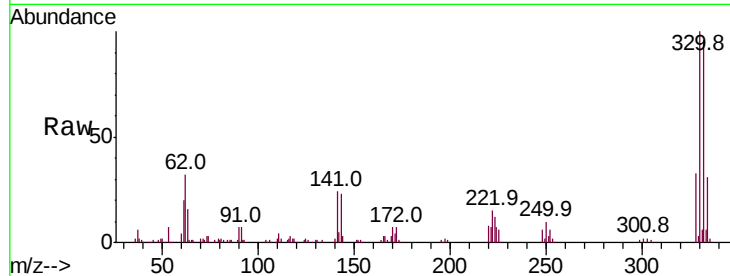
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 88.478 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	38.5	29.9	44.9

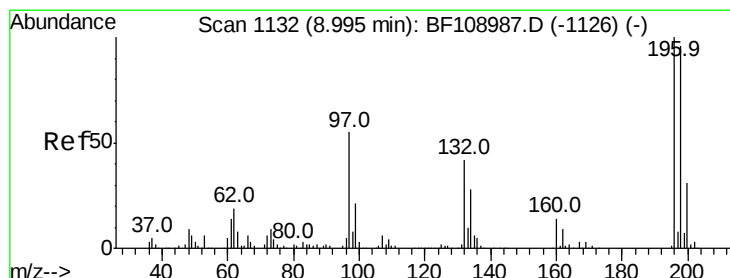
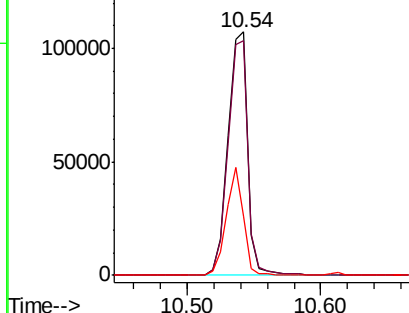
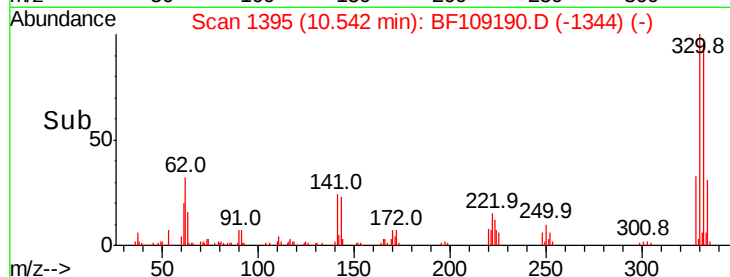


Abundance

Ion 329.80 (329.50 to 330.50): E

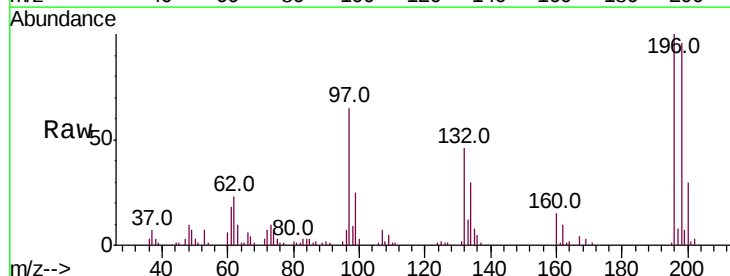
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 27.984 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.7	113.5
200	29.7	24.5	36.7

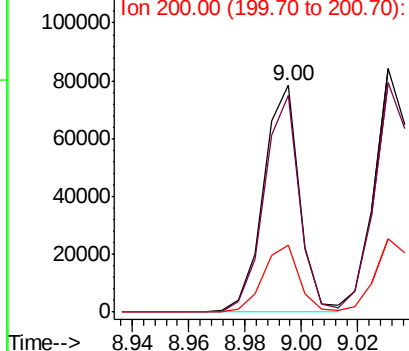
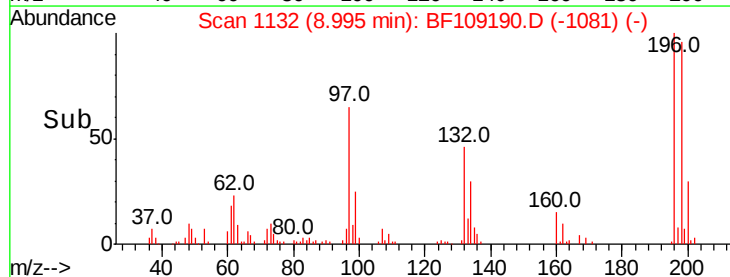


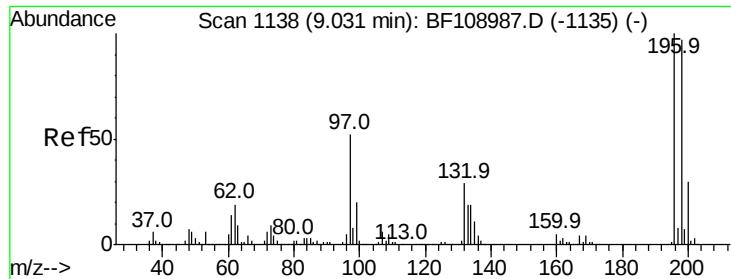
Abundance

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

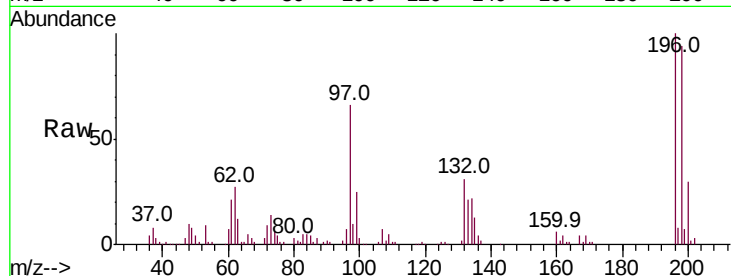




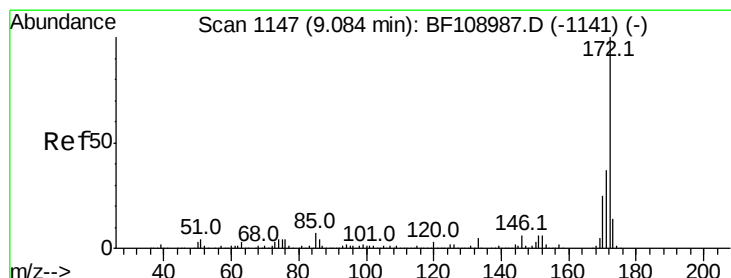
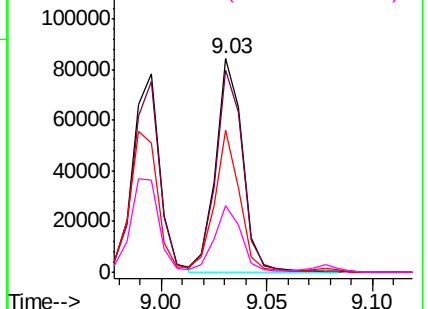
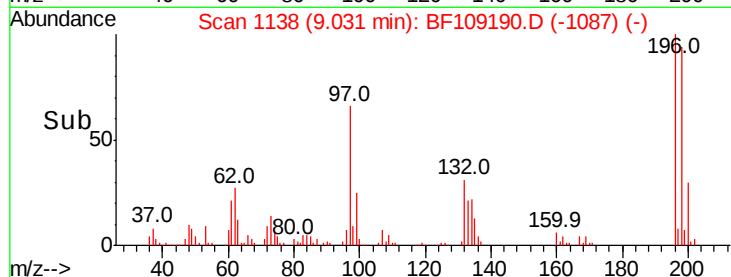
#43
 2,4,5-Trichlorophenol
 Concen: 28.664 ng
 RT: 9.03 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 74333
 Ion Ratio Lower Upper
 196 100
 198 94.5 74.6 112.0
 97 66.5 42.9 64.3#
 132 31.3 26.3 39.5

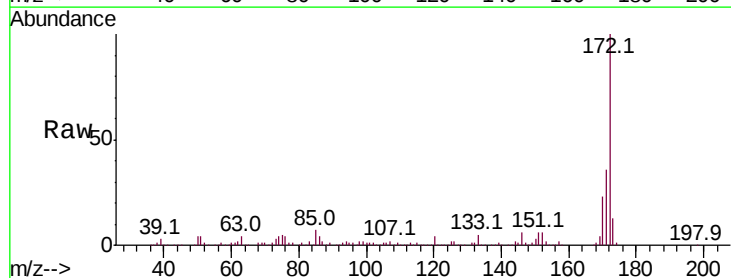


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

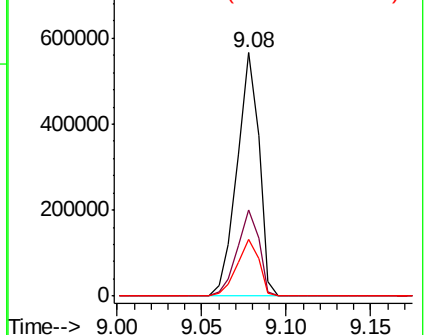
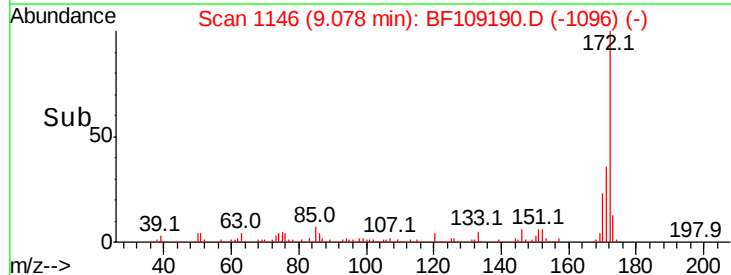


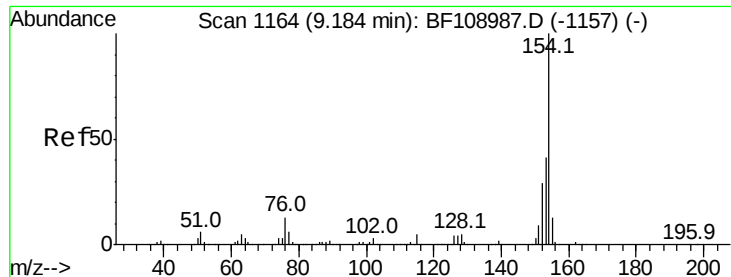
#44
 2-Fluorobiphenyl
 Concen: 68.373 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

Tgt Ion:172 Resp: 511925
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.1 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: 32.484 ng

RT: 9.18 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF109190.D

Acq: 20 Sep 2018 19:05

Instrument :

BNA_F

ClientSampled :

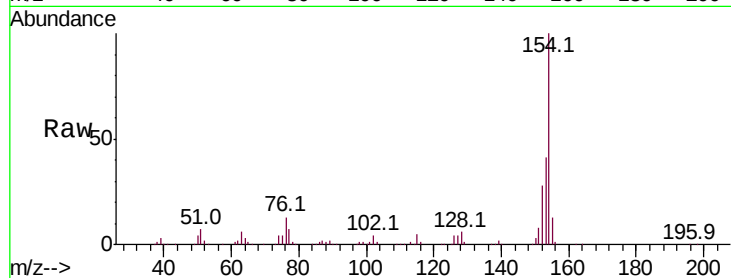
Tot Ion:154 Resp: 304860

Ion Ratio Lower Upper

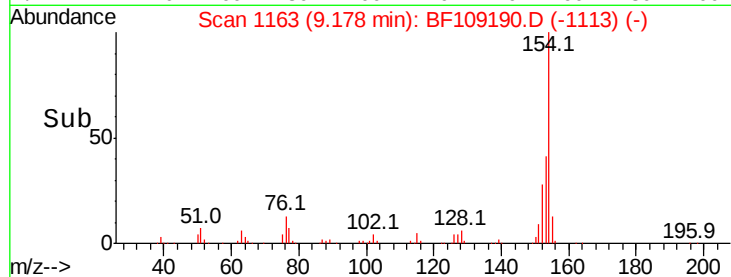
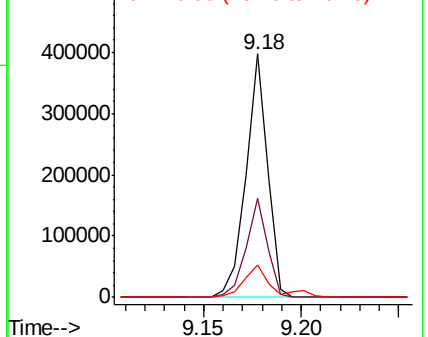
154 100

153 40.6 21.3 61.3

76 13.2 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: 28.998 ng

RT: 9.20 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF109190.D

Acq: 20 Sep 2018 19:05

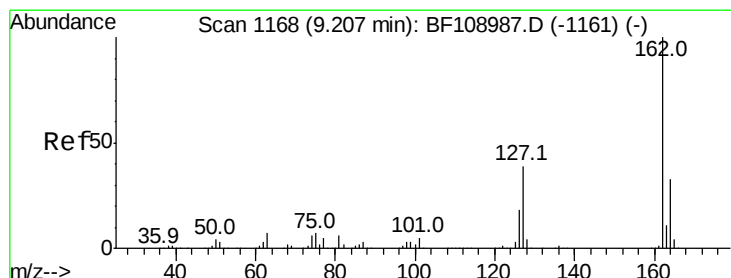
Tgt Ion:162 Resp: 217943

Ion Ratio Lower Upper

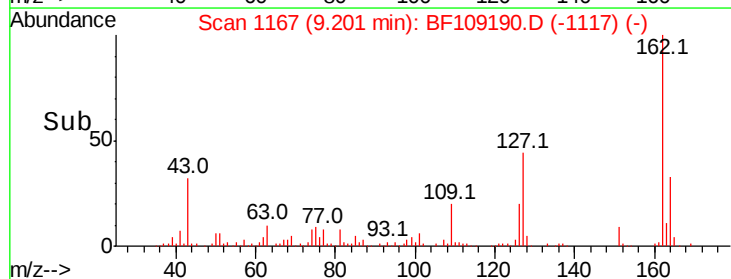
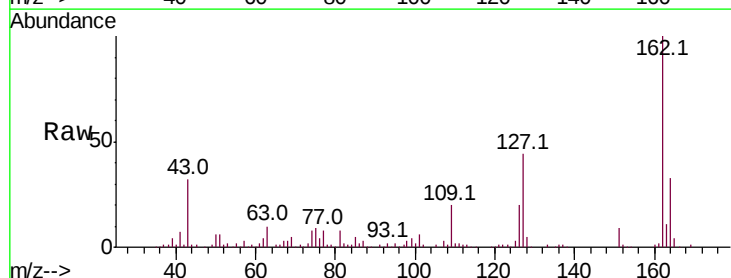
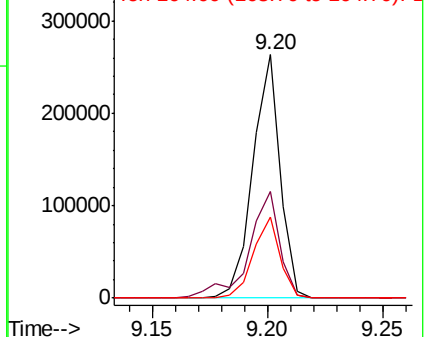
162 100

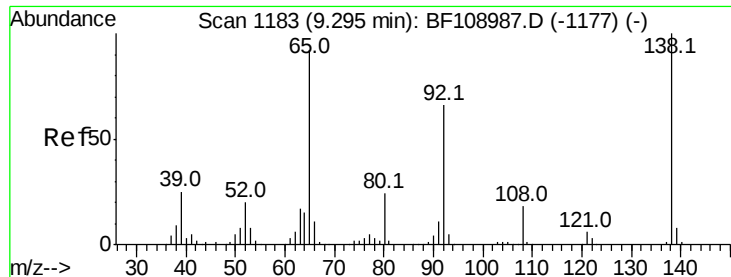
127 43.7 33.9 50.9

164 33.1 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

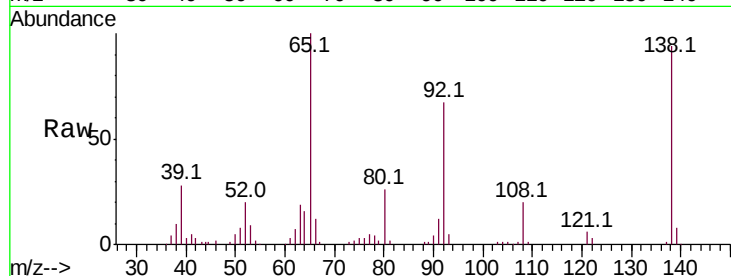




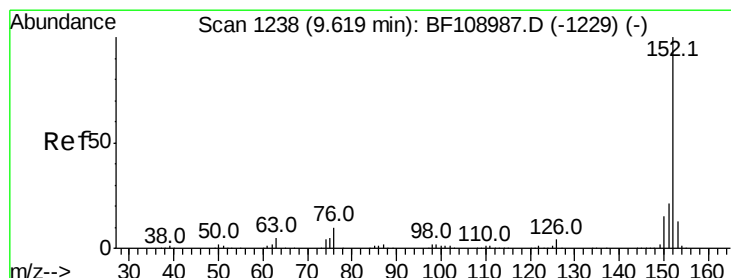
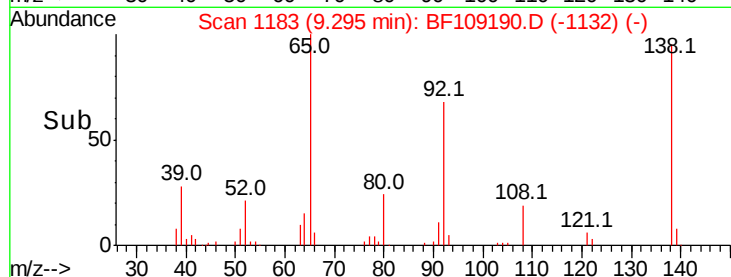
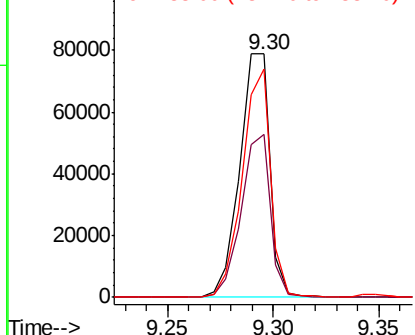
#47
2-Nitroaniline
Concen: 33.892 ng
RT: 9.30 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF109190.D
Acq: 20 Sep 2018 19:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 78309
Ion Ratio Lower Upper
65 100
92 67.2 55.8 83.6
138 93.8 91.2 136.8

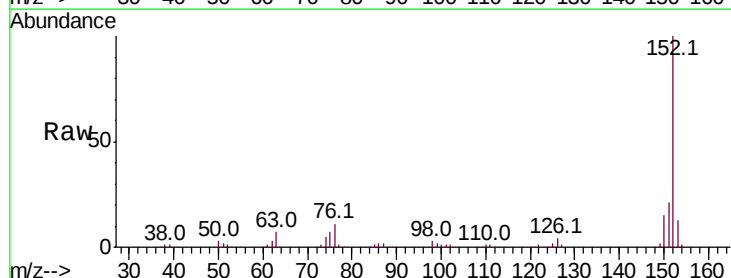


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

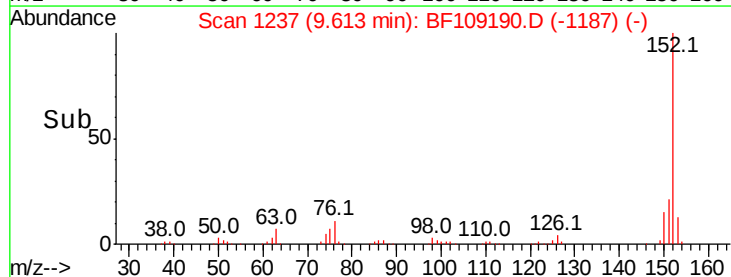
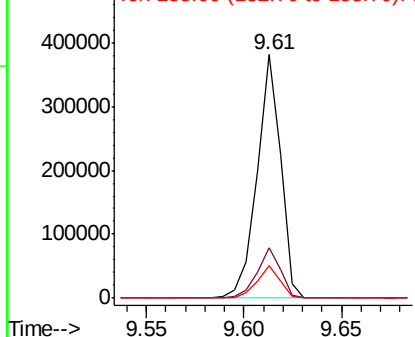


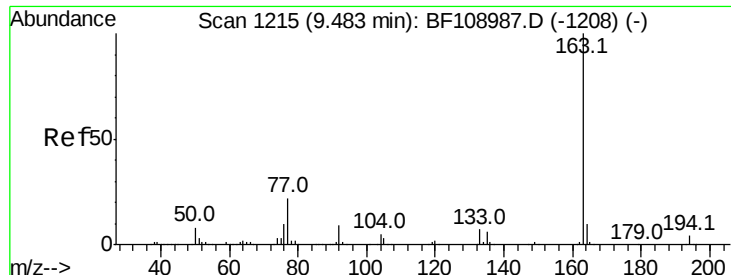
#48
Acenaphthylene
Concen: 28.113 ng
RT: 9.61 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF109190.D
Acq: 20 Sep 2018 19:05

Tgt Ion: 152 Resp: 318577
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.1 10.7 16.1



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

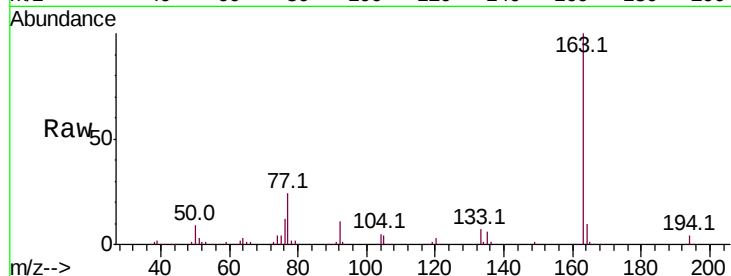




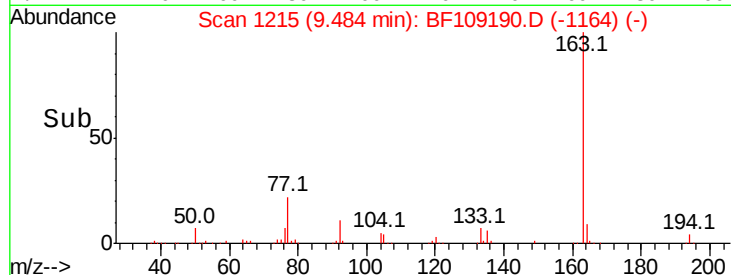
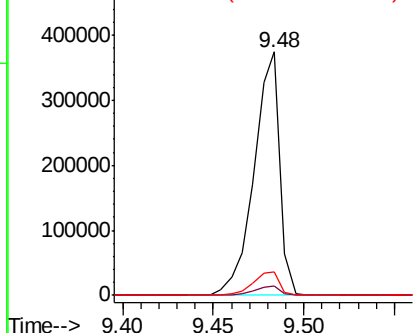
#49
Dimethylphthalate
Concen: 43.914 ng
RT: 9.48 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF109190.D
Acq: 20 Sep 2018 19:05

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.8	8.2	12.2

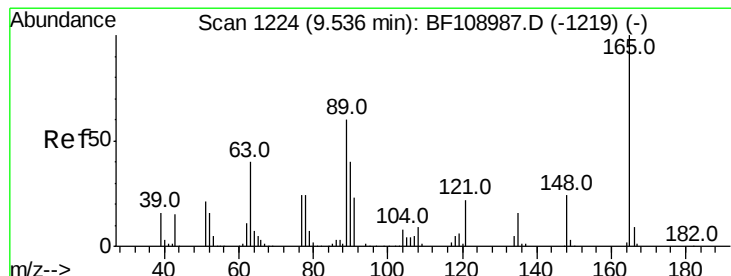


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

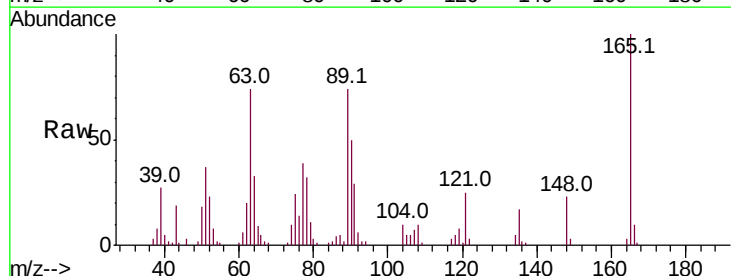
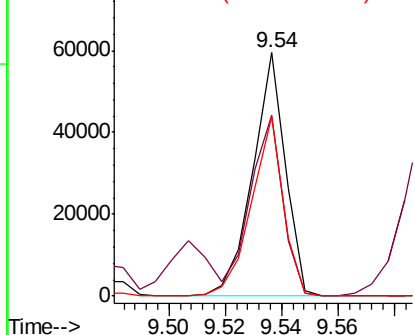


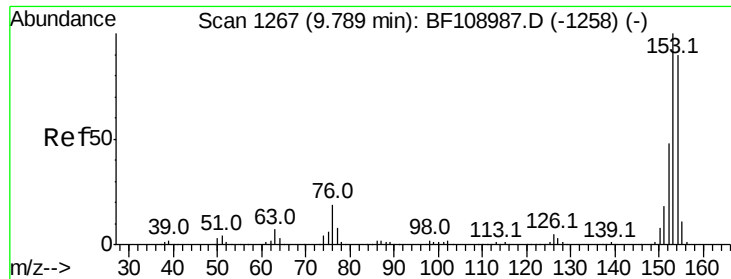
#50
2,6-Dinitrotoluene
Concen: 25.779 ng
RT: 9.54 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF109190.D
Acq: 20 Sep 2018 19:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	74.1	44.7	67.1#
89	74.0	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

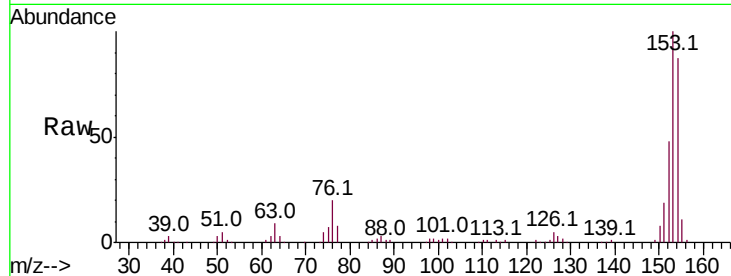




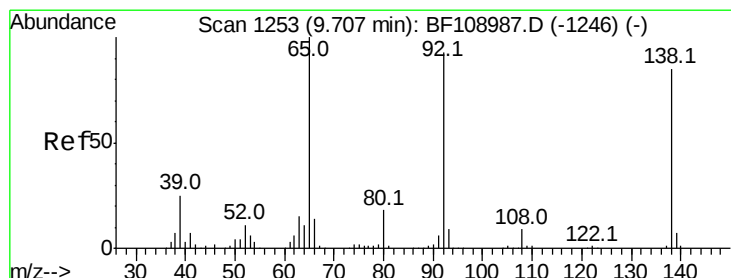
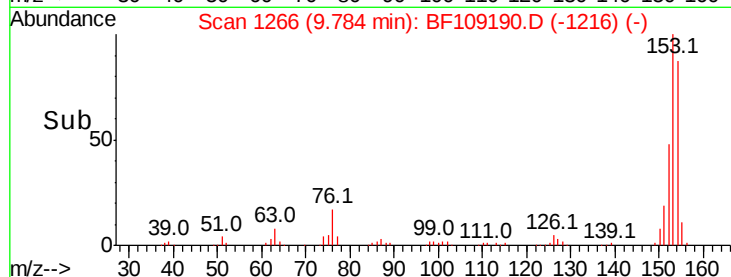
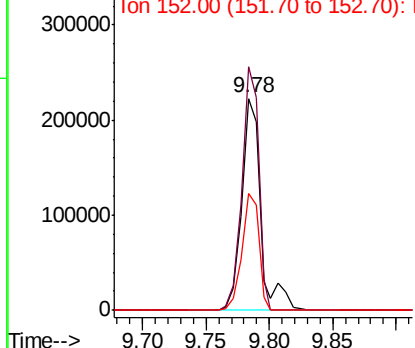
#51
Acenaphthene
Concen: 32.280 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF109190.D
Acq: 20 Sep 2018 19:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 227775
Ion Ratio Lower Upper
154 100
153 114.7 91.2 136.8
152 55.1 43.8 65.8

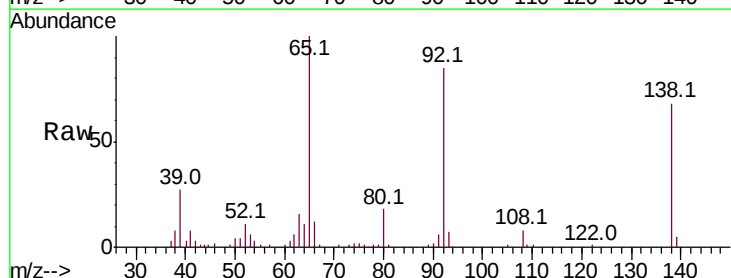


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

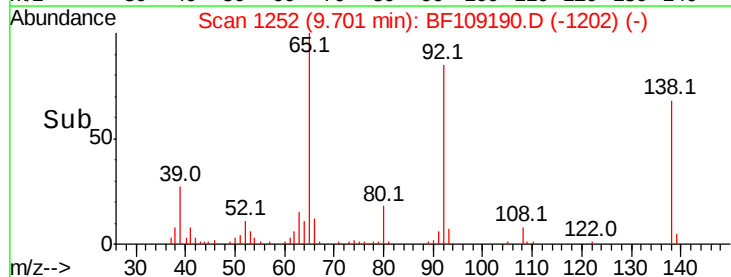
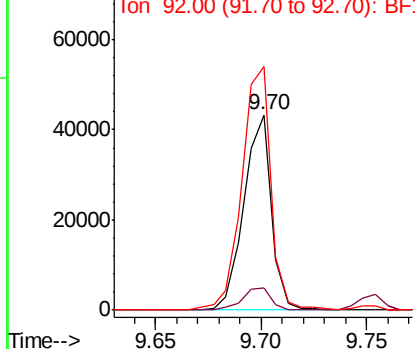


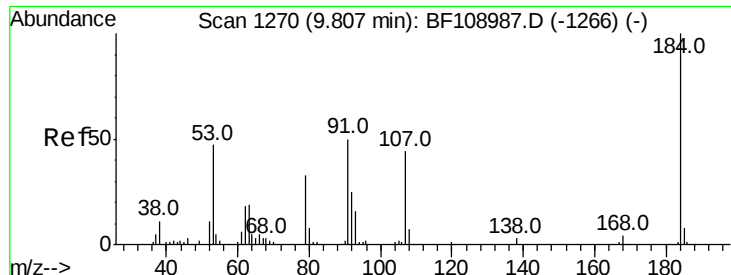
#52
3-Nitroaniline
Concen: 17.864 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF109190.D
Acq: 20 Sep 2018 19:05

Tgt Ion:138 Resp: 39111
Ion Ratio Lower Upper
138 100
108 11.1 9.4 14.0
92 124.7 89.4 134.2



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

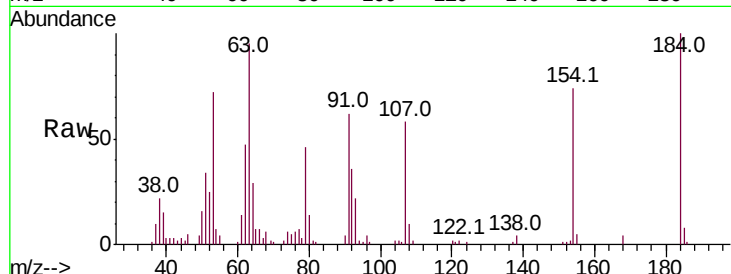




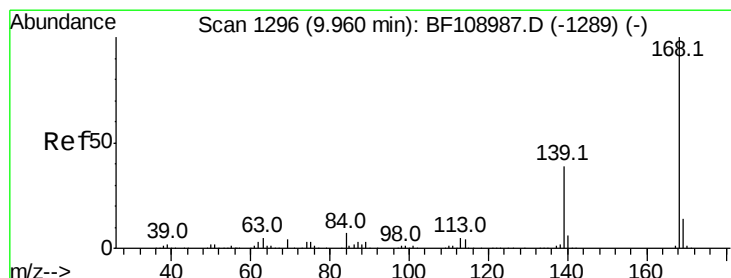
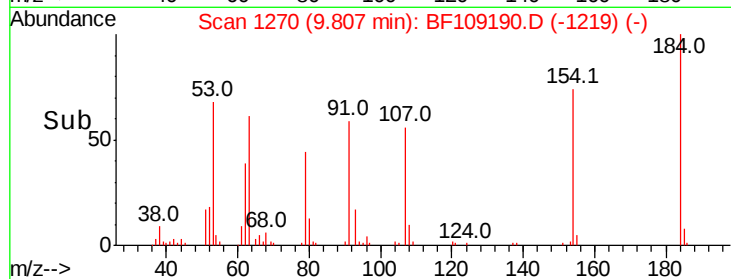
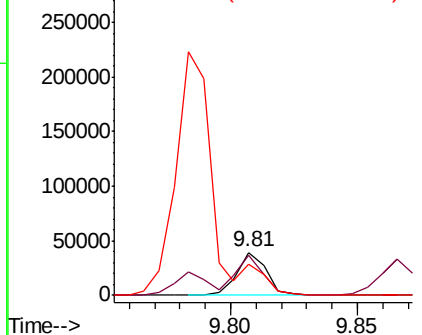
#53
 2,4-Dinitrophenol
 Concen: 45.021 ng
 RT: 9.81 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 32261
 Ion Ratio Lower Upper
 184 100
 63 95.4 54.2 81.2#
 154 73.7 184.0 276.0#

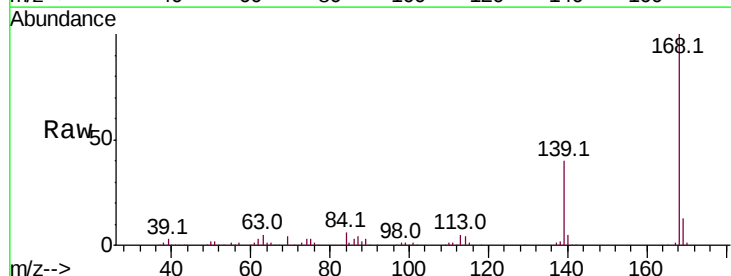


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

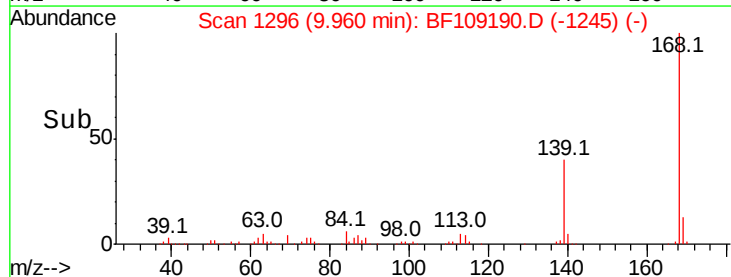
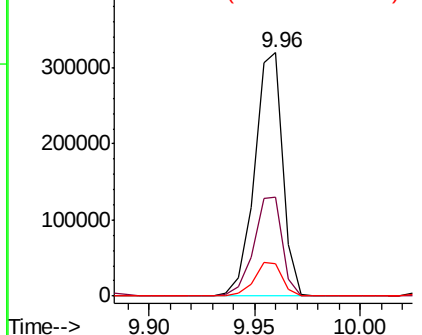


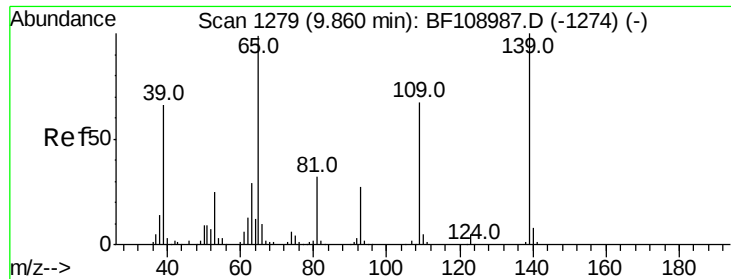
#54
 Dibenzofuran
 Concen: 29.143 ng
 RT: 9.96 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

Tgt Ion:168 Resp: 297164
 Ion Ratio Lower Upper
 168 100
 139 40.4 30.1 45.1
 169 13.1 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

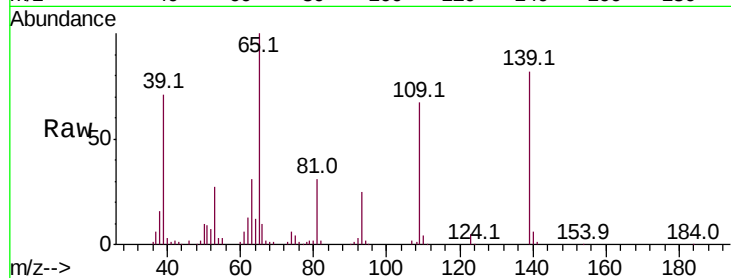




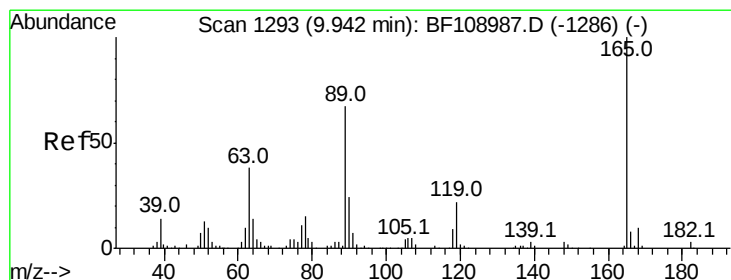
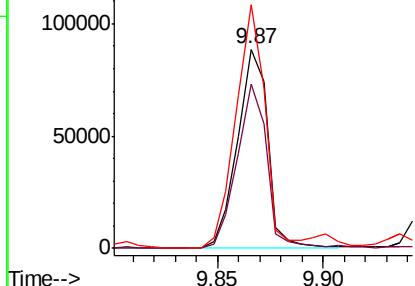
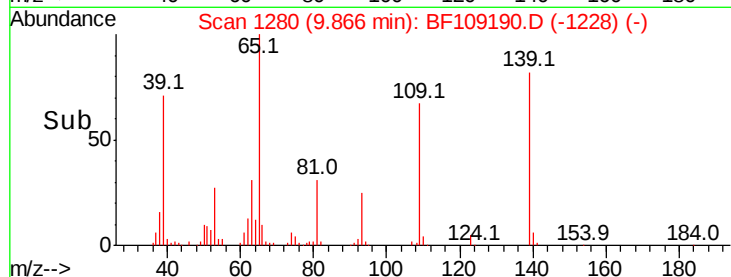
#55
 4-Nitrophenol
 Concen: 54.761 ng
 RT: 9.87 min Scan# 1280
 Delta R.T. 0.01 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:139 Resp: 88335
 Ion Ratio Lower Upper
 139 100
 109 82.3 48.4 88.4
 65 122.4 72.6 112.6#

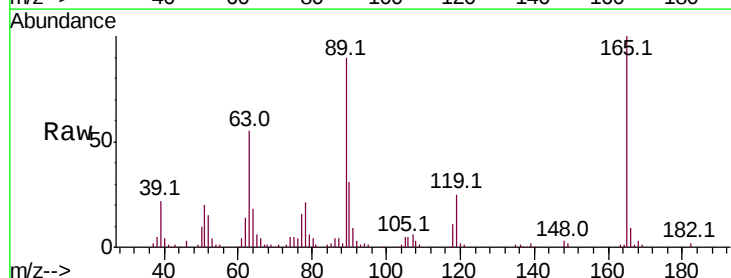


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF1

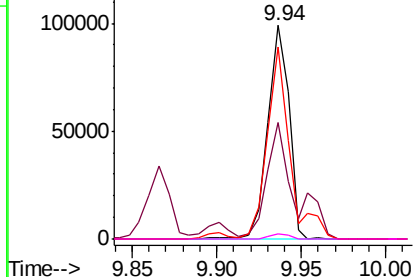
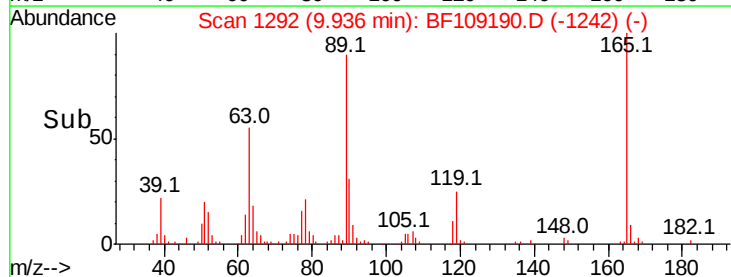


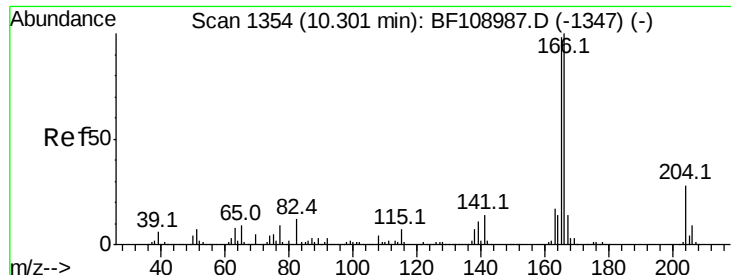
#56
 2,4-Dinitrotoluene
 Concen: 35.264 ng
 RT: 9.94 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

Tgt Ion:165 Resp: 85749
 Ion Ratio Lower Upper
 165 100
 63 54.8 36.4 54.6#
 89 89.6 57.8 86.6#
 182 2.4 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

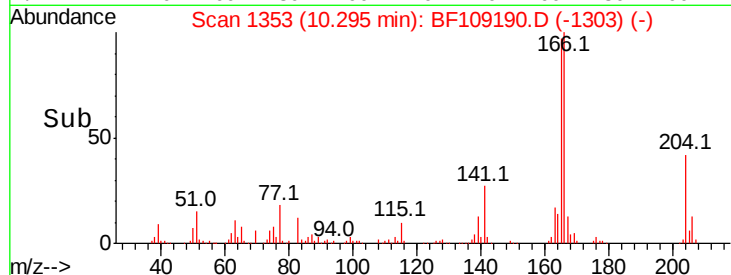
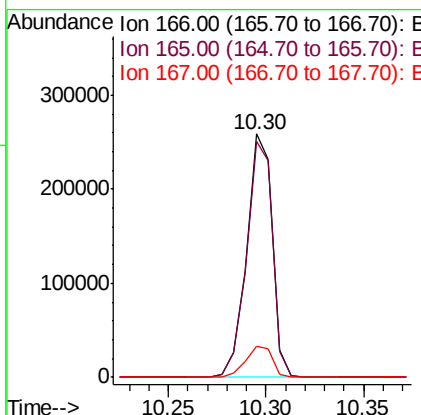
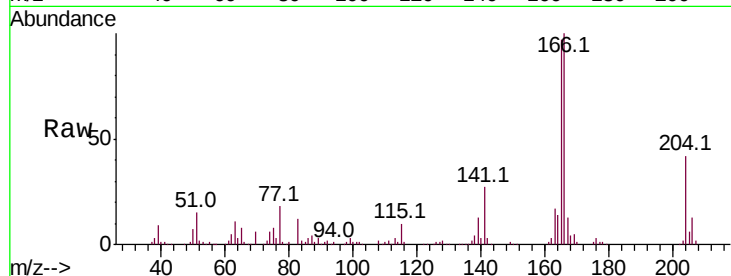




#57
 Fluorene
 Concen: 34.524 ng
 RT: 10.30 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

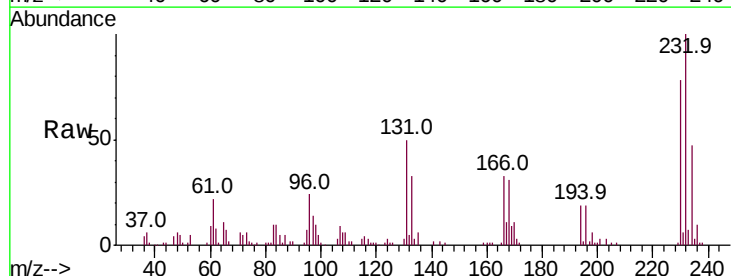
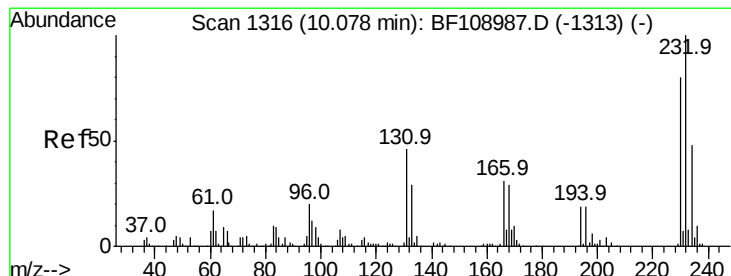
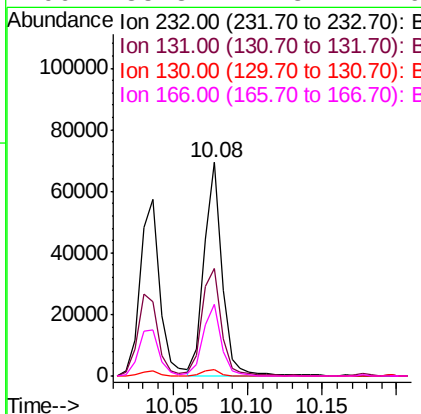
Instrument :
 BNA_F
 ClientSampleId :

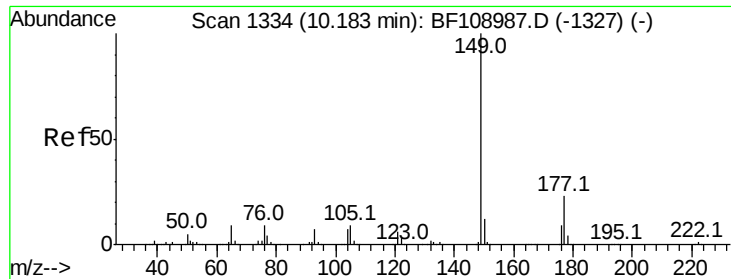
Tot Ion	Ratio	Lower	Upper
166	100		
165	96.9	79.8	119.8
167	12.9	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 26.988 ng
 RT: 10.08 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

Tgt Ion	Ratio	Lower	Upper
232	100		
131	55.1	43.8	65.8
130	2.7	2.1	3.1
166	33.3	27.8	41.6

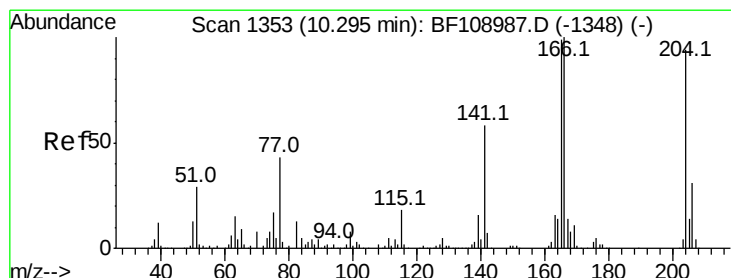
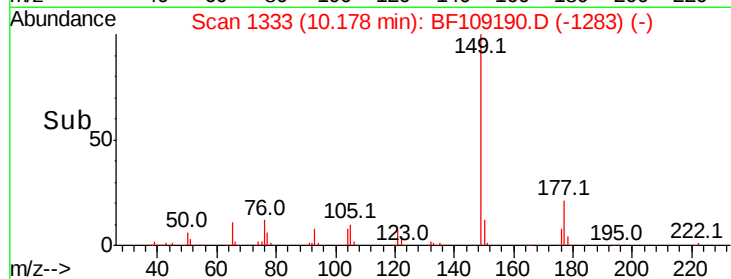
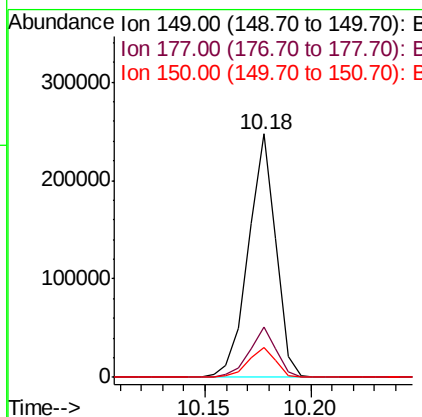
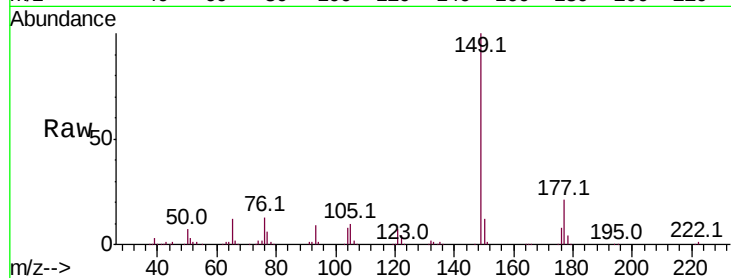




#59
Diethylphthalate
Concen: 26.313 ng
RT: 10.18 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109190.D
Acq: 20 Sep 2018 19:05

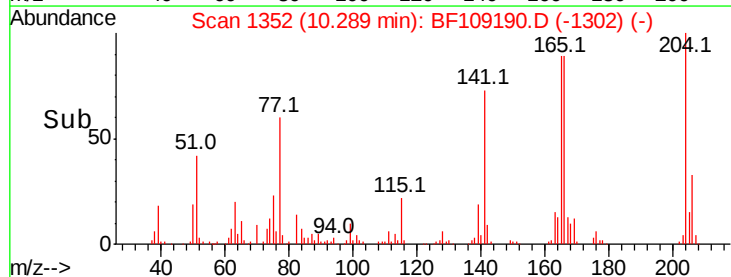
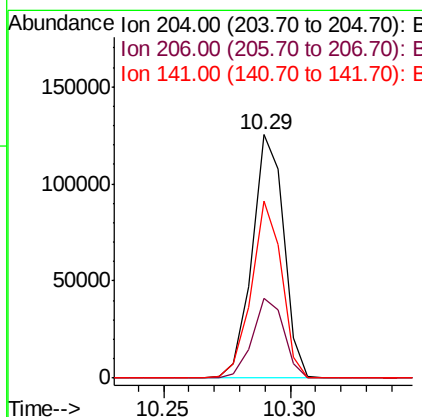
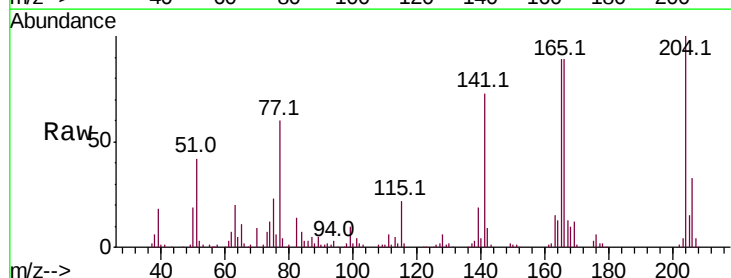
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 222778
Ion Ratio Lower Upper
149 100
177 20.5 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 30.075 ng
RT: 10.29 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF109190.D
Acq: 20 Sep 2018 19:05

Tgt Ion:204 Resp: 109433
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 72.7 54.6 81.8

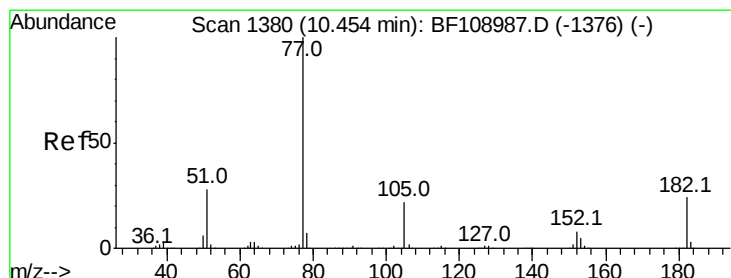
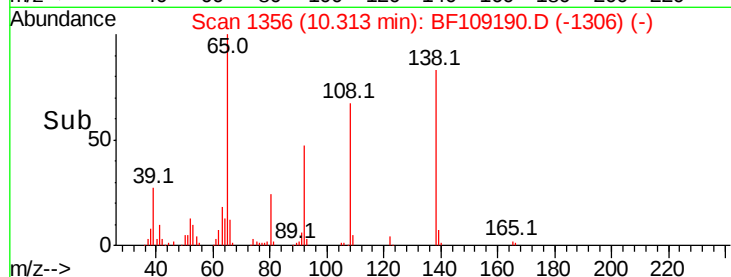
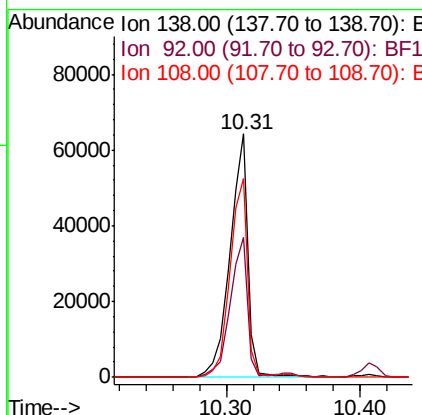
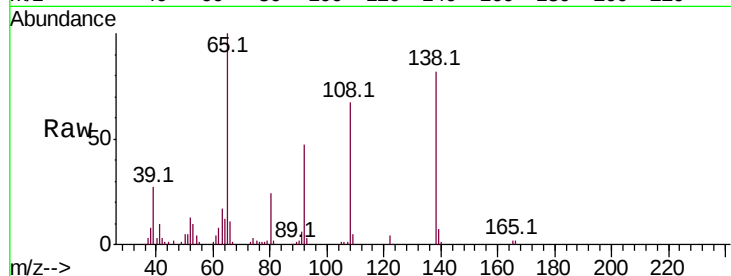




#61
4-Nitroaniline
Concen: 29.396 ng
RT: 10.31 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF109190.D
Acq: 20 Sep 2018 19:05

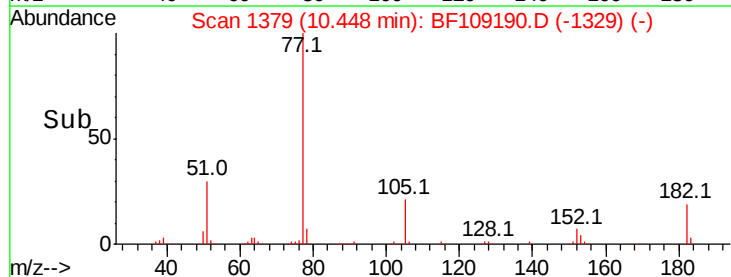
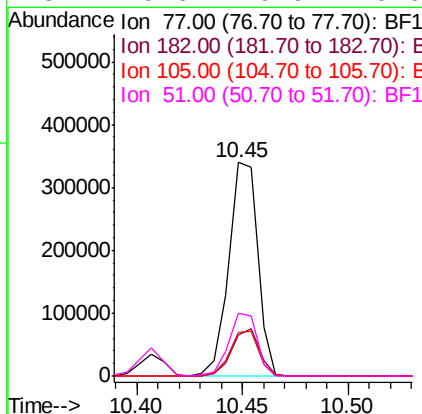
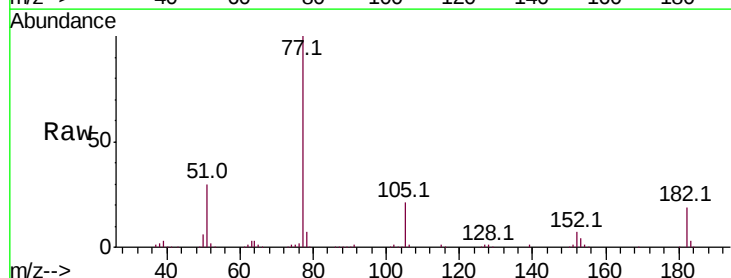
Instrument :
BNA_F
ClientSampleId :

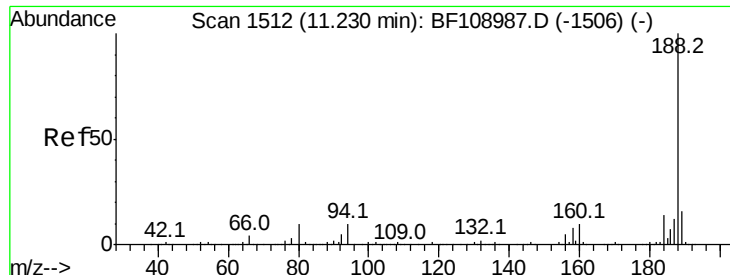
Tot Ion:138 Resp: 61145
Ion Ratio Lower Upper
138 100
92 57.3 30.2 70.2
108 81.6 52.5 92.5



#62
Azobenzene
Concen: 37.051 ng
RT: 10.45 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF109190.D
Acq: 20 Sep 2018 19:05

Tgt Ion: 77 Resp: 321105
Ion Ratio Lower Upper
77 100
182 19.1 1.7 41.7
105 20.5 3.0 43.0
51 29.6 9.9 49.9

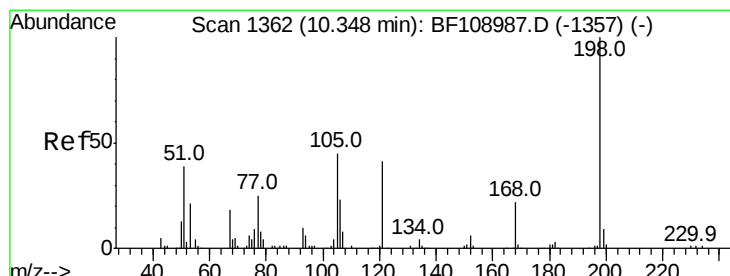
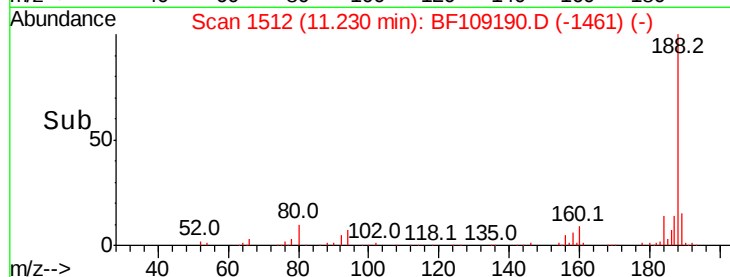
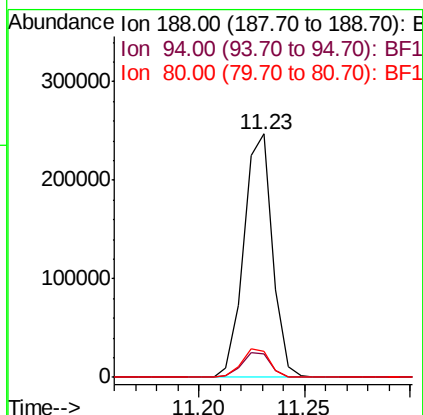
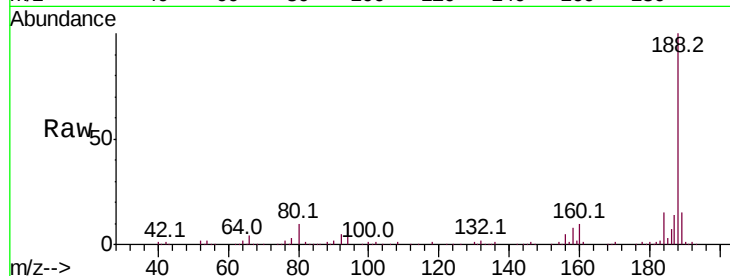




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF109190.D
Acq: 20 Sep 2018 19:05

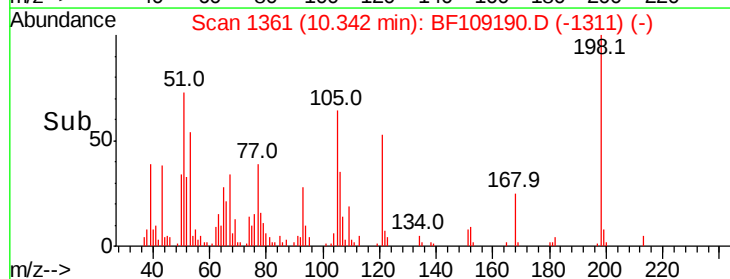
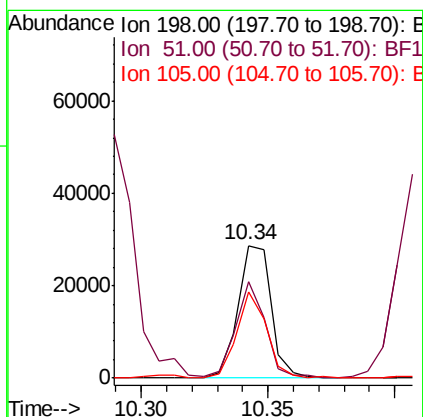
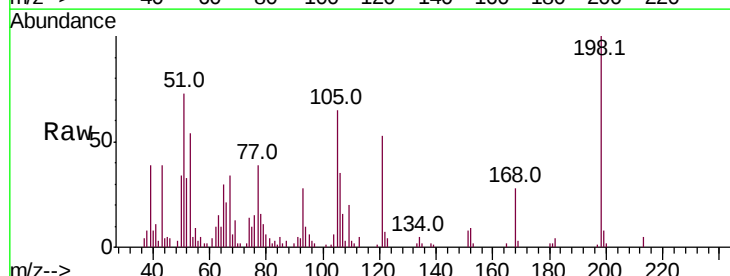
Instrument :
BNA_F
ClientSampleId :

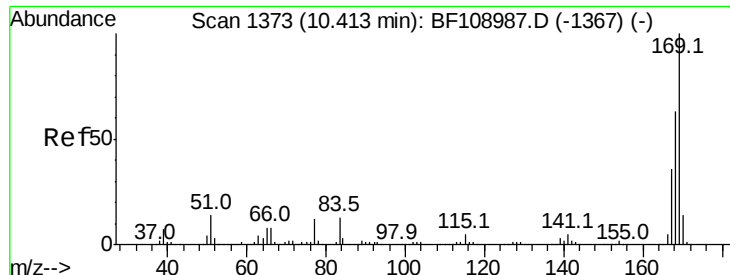
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.4	9.2	13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 23.364 ng
RT: 10.34 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF109190.D
Acq: 20 Sep 2018 19:05

Tgt Ion	Ratio	Lower	Upper
198	100		
51	73.1	37.7	77.7
105	65.4	36.3	76.3

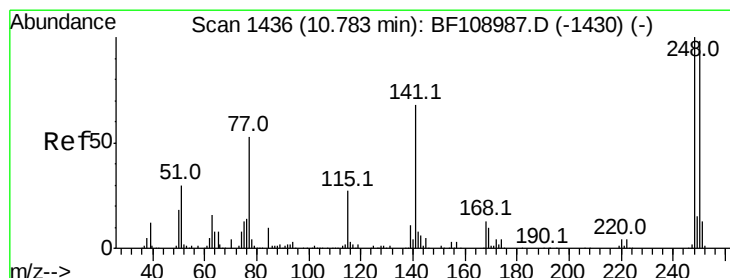
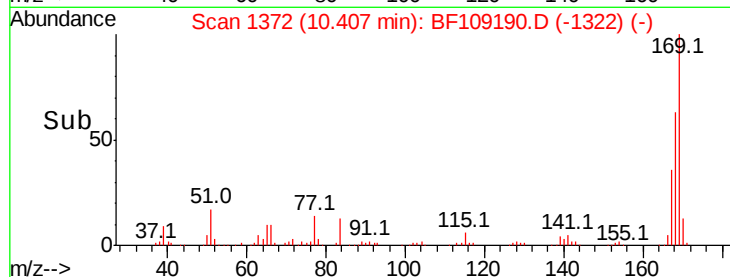
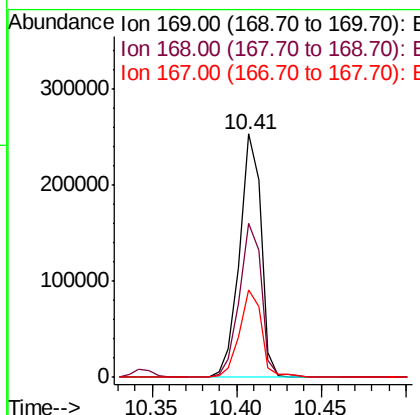
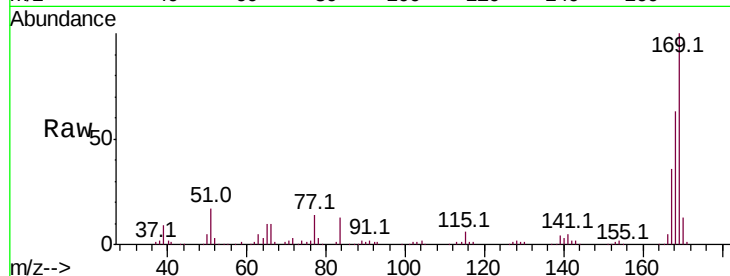




#65
 n-Nitrosodiphenylamine
 Concen: 29.651 ng
 RT: 10.41 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

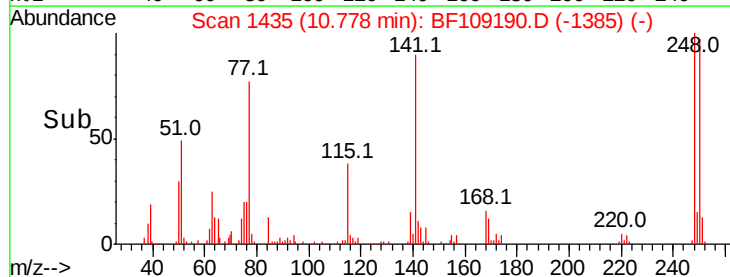
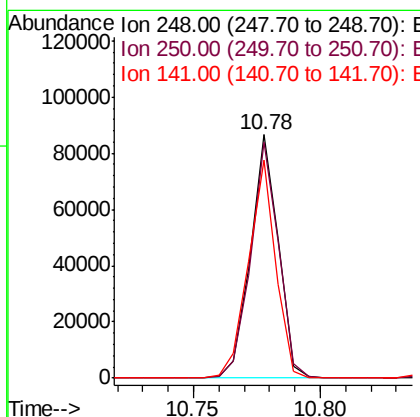
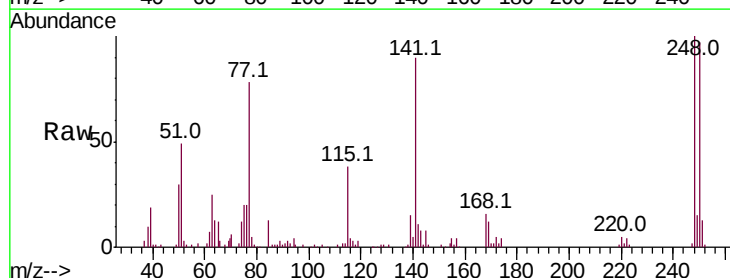
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 225462
 Ion Ratio Lower Upper
 169 100
 168 63.1 54.4 81.6
 167 36.1 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 25.212 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

Tgt Ion:248 Resp: 66072
 Ion Ratio Lower Upper
 248 100
 250 96.8 76.9 115.3
 141 89.8 74.4 111.6

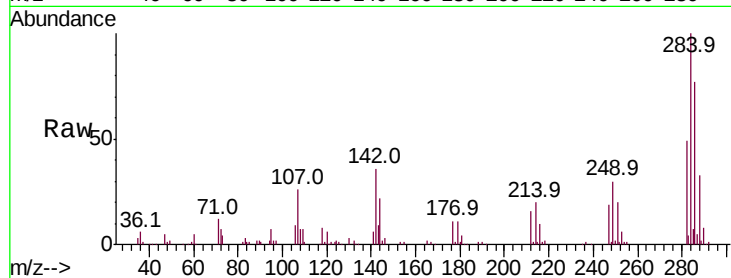




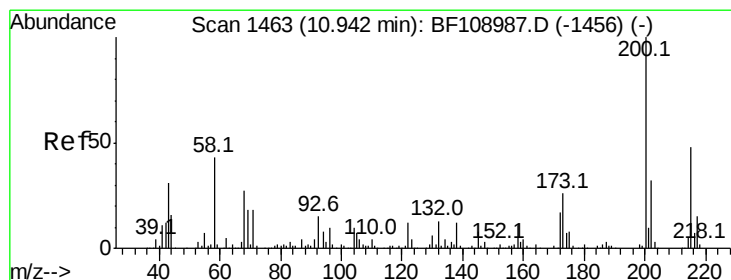
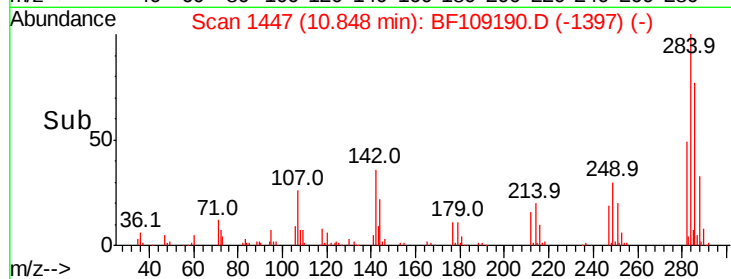
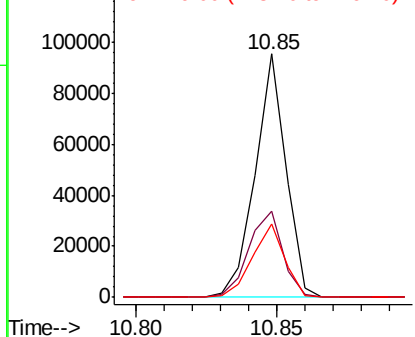
#67
Hexachlorobenzene
Concen: 25.731 ng
RT: 10.85 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF109190.D
Acq: 20 Sep 2018 19:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 72129
Ion Ratio Lower Upper
284 100
142 35.5 34.6 52.0
249 30.3 24.8 37.2

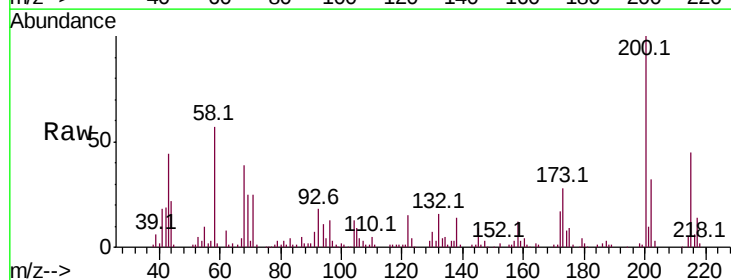


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

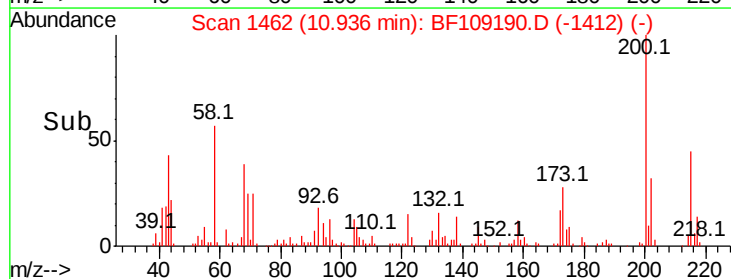
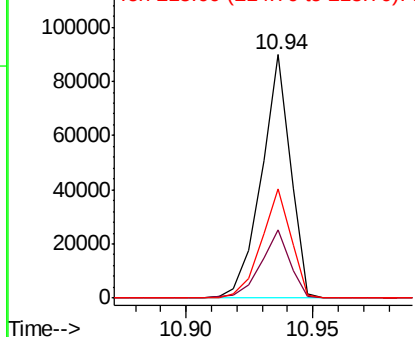


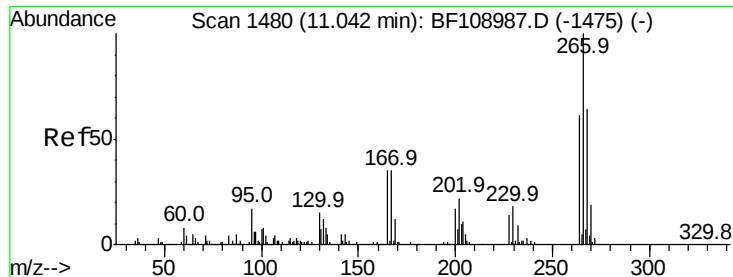
#68
Atrazine
Concen: 29.597 ng
RT: 10.94 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF109190.D
Acq: 20 Sep 2018 19:05

Tgt Ion:200 Resp: 72042
Ion Ratio Lower Upper
200 100
173 27.8 8.6 48.6
215 44.7 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

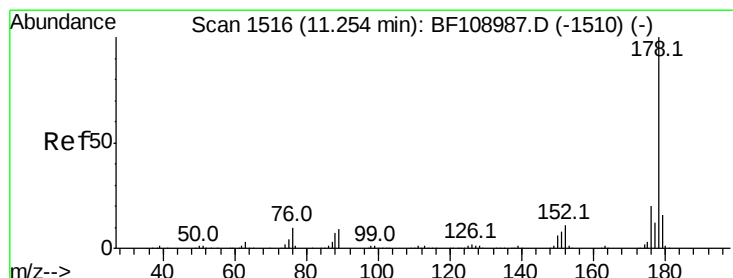
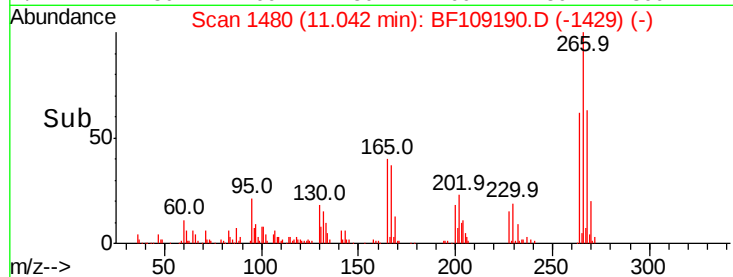
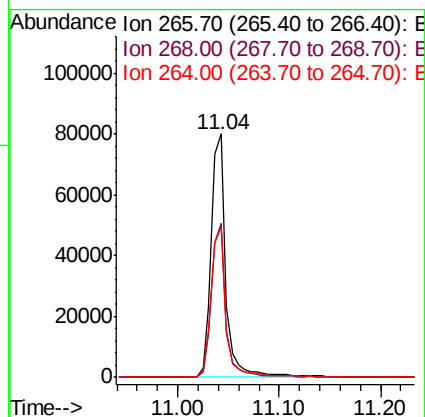
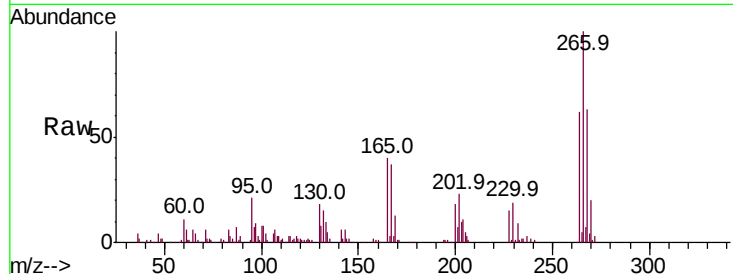




#69
 Pentachlorophenol
 Concen: 45.118 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

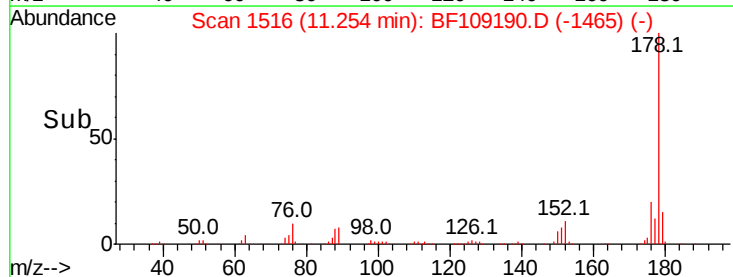
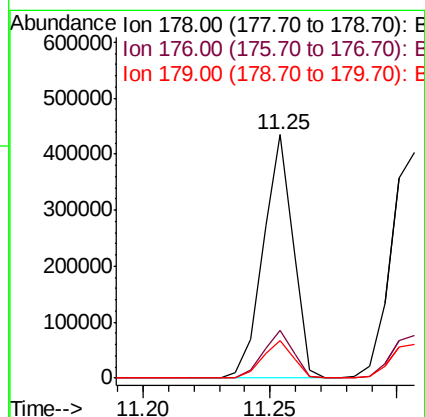
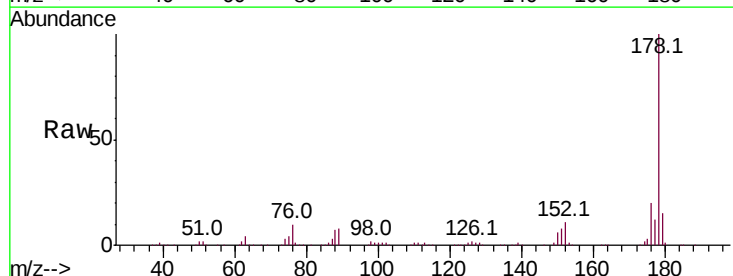
Instrument :
 BNA_F
 ClientSampled :

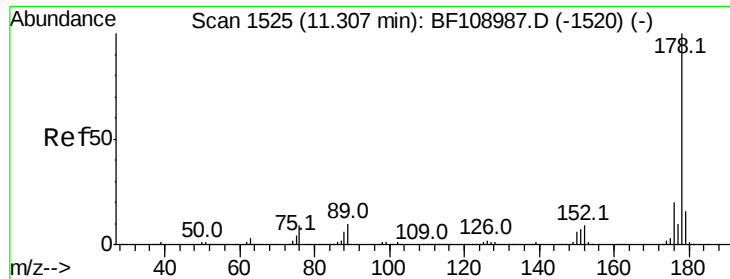
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.1	76.7
264	61.7	49.5	74.3



#70
 Phenanthrene
 Concen: 31.431 ng
 RT: 11.25 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.4	13.0	19.6





#71

Anthracene

Concen: 31.481 ng

RT: 11.31 min Scan# 1525

Delta R.T. 0.00 min

Lab File: BF109190.D

Acq: 20 Sep 2018 19:05

Instrument :

BNA_F

ClientSampleId :

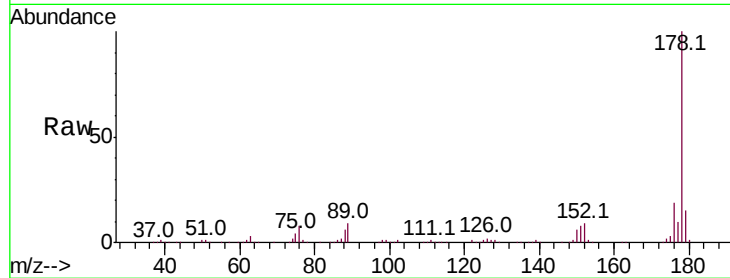
Tot Ion:178 Resp: 363636

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

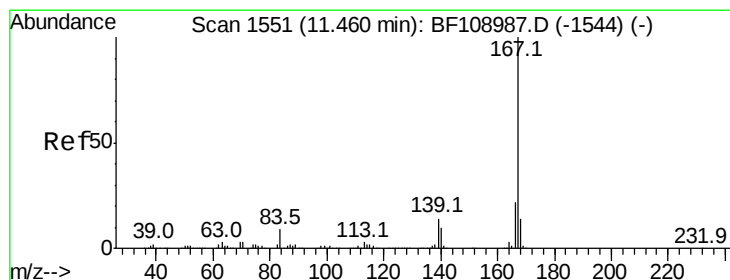
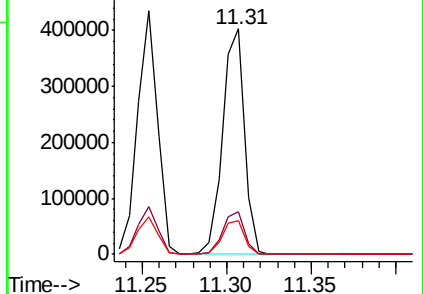
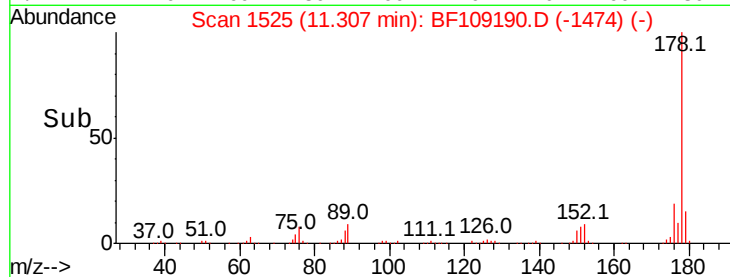
179 15.0 12.6 19.0



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



#72

Carbazole

Concen: 30.909 ng

RT: 11.46 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BF109190.D

Acq: 20 Sep 2018 19:05

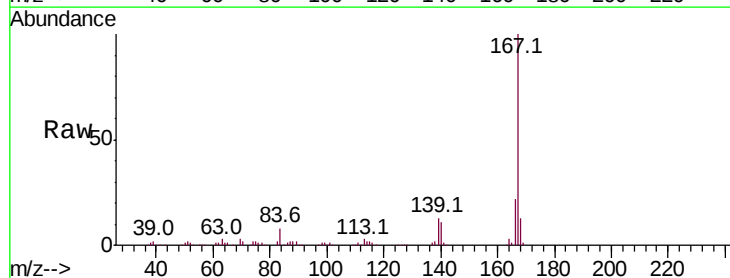
Tgt Ion:167 Resp: 353431

Ion Ratio Lower Upper

167 100

166 22.0 17.6 26.4

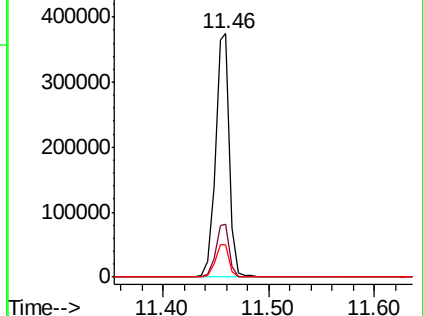
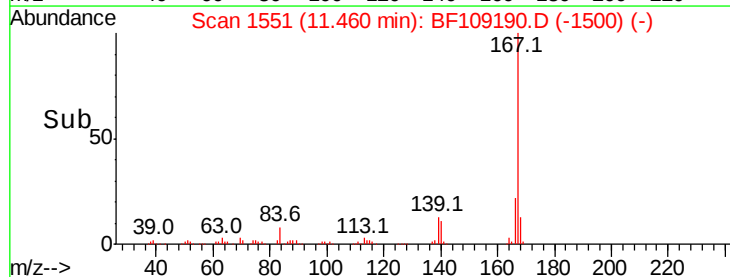
139 13.2 10.9 16.3

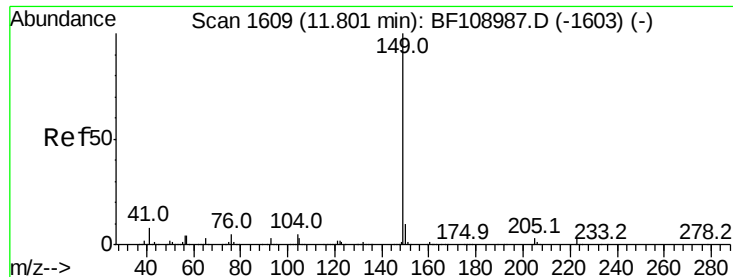


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 27.942 ng

RT: 11.80 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BF109190.D

Acq: 20 Sep 2018 19:05

Instrument :

BNA_F

ClientSampleId :

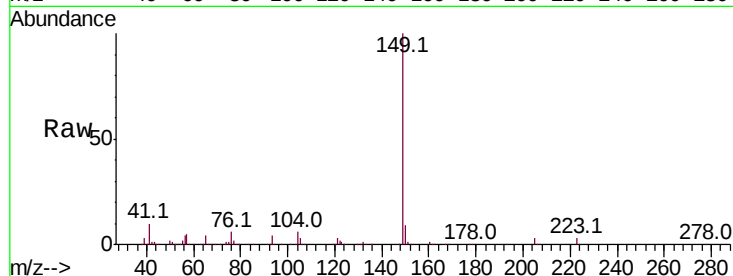
Tot Ion:149 Resp: 374002

Ion Ratio Lower Upper

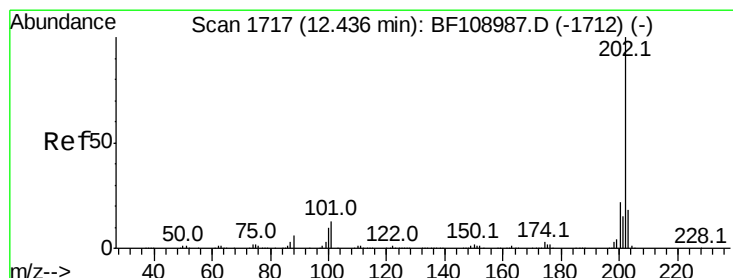
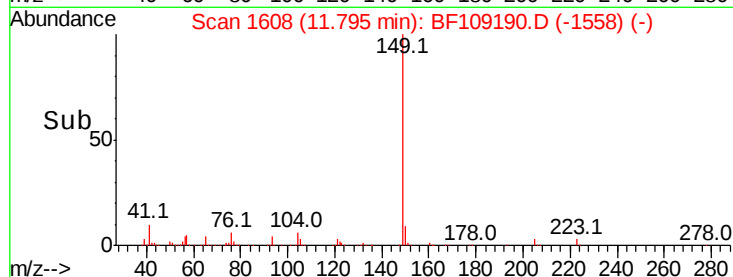
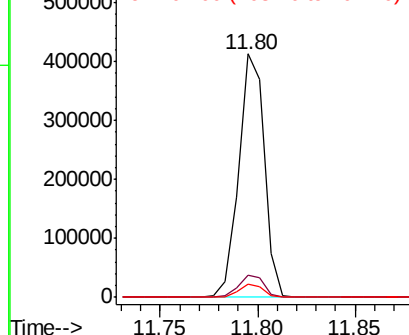
149 100

150 9.1 7.8 11.6

104 5.7 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: 27.973 ng

RT: 12.44 min Scan# 1717

Delta R.T. 0.00 min

Lab File: BF109190.D

Acq: 20 Sep 2018 19:05

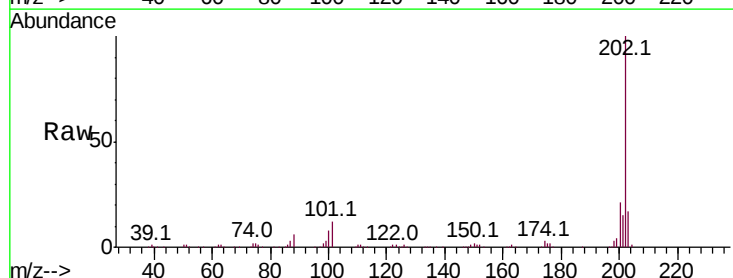
Tgt Ion:202 Resp: 336505

Ion Ratio Lower Upper

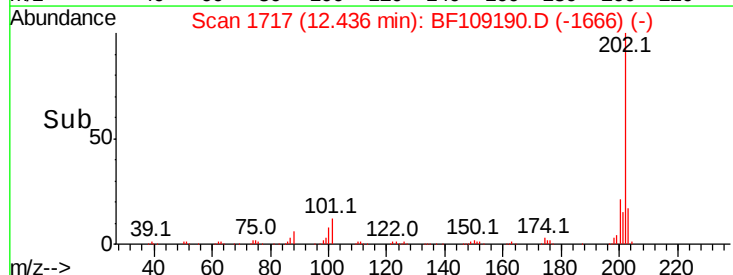
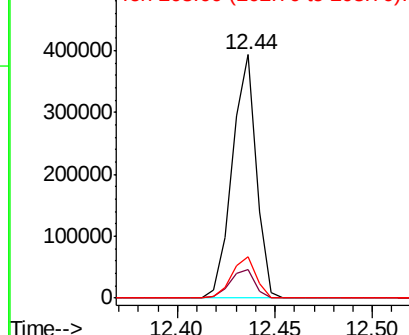
202 100

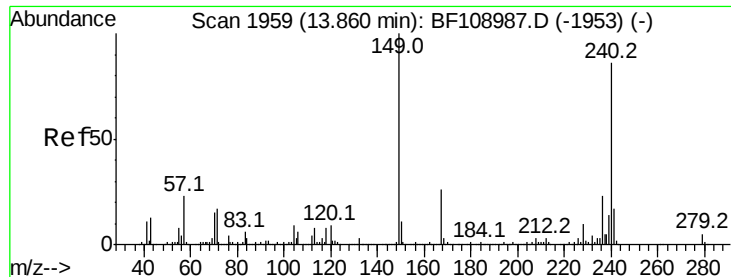
101 11.5 0.0 34.1

203 17.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109190.D

Acq: 20 Sep 2018 19:05

Instrument :

BNA_F

ClientSampleId :

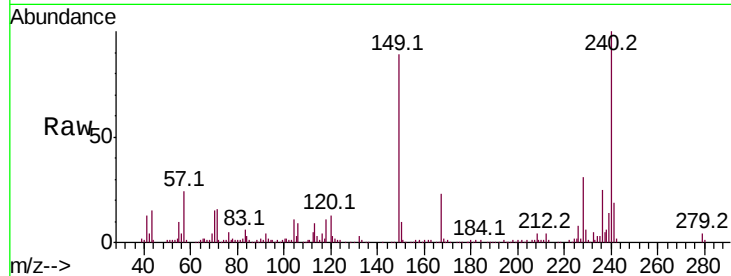
Tot Ion:240 Resp: 124281

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

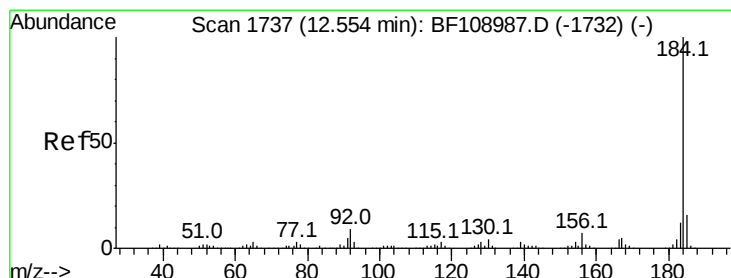
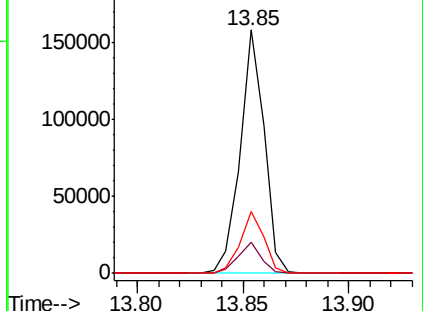
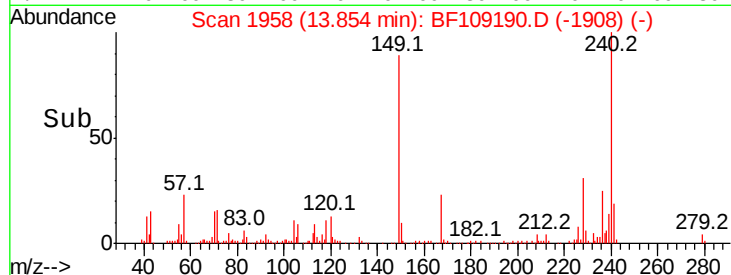
236 25.3 20.7 31.1



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: 31.771 ng

RT: 12.55 min Scan# 1737

Delta R.T. 0.00 min

Lab File: BF109190.D

Acq: 20 Sep 2018 19:05

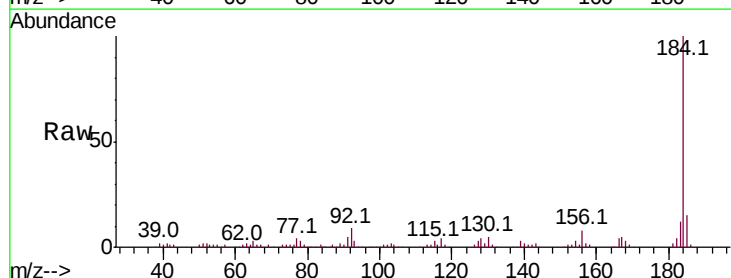
Tgt Ion:184 Resp: 139772

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

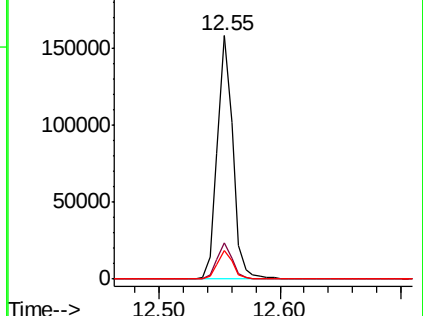
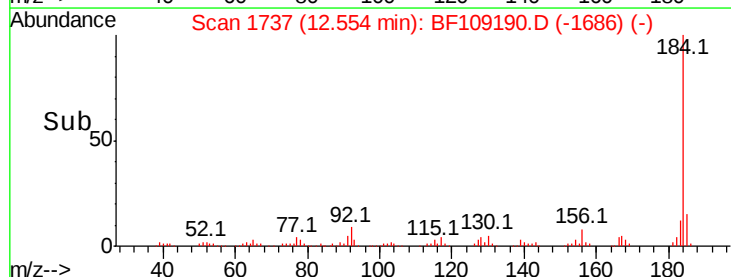
183 11.6 9.3 13.9

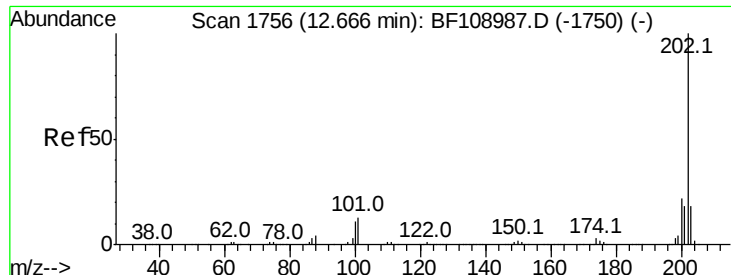


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

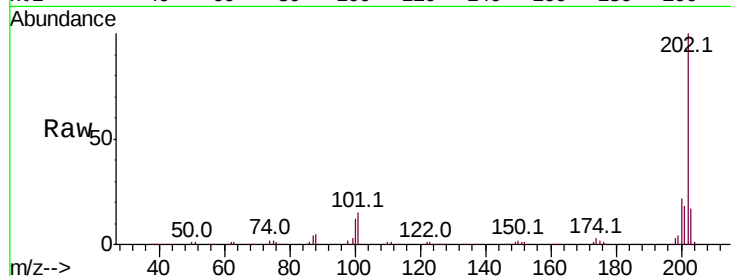




#77
Pvrene
Concen: 29.036 ng
RT: 12.66 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF109190.D
Acq: 20 Sep 2018 19:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.1	14.3	21.5

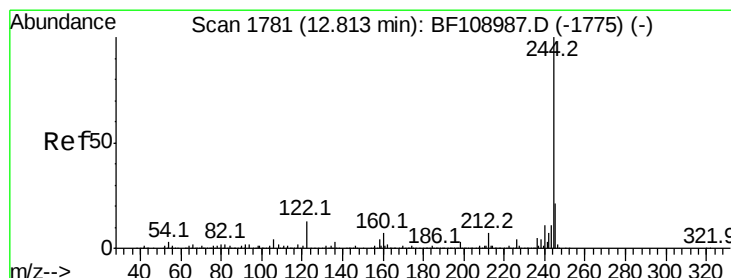
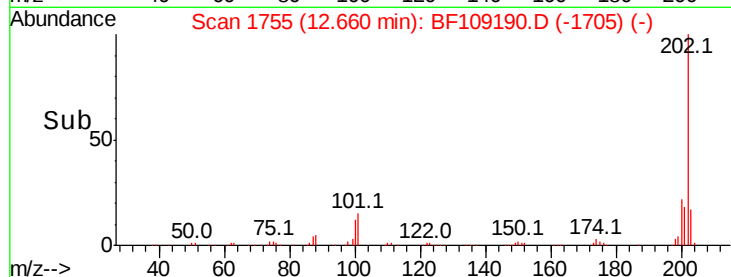
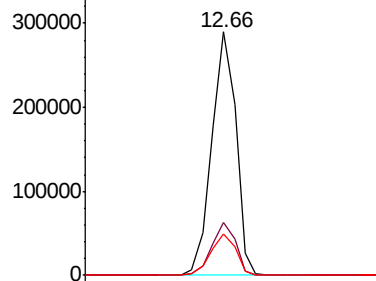


Abundance

Ion 202.00 (201.70 to 202.70): E

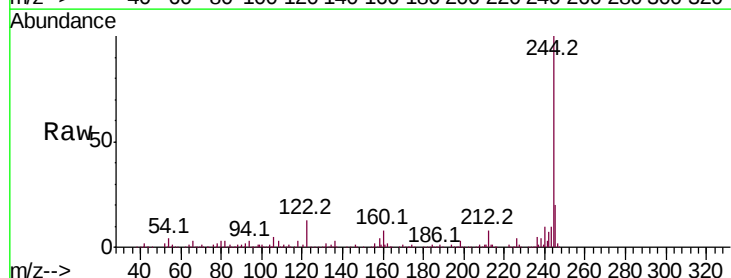
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 77.250 ng
RT: 12.81 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BF109190.D
Acq: 20 Sep 2018 19:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	13.0	11.0	16.4

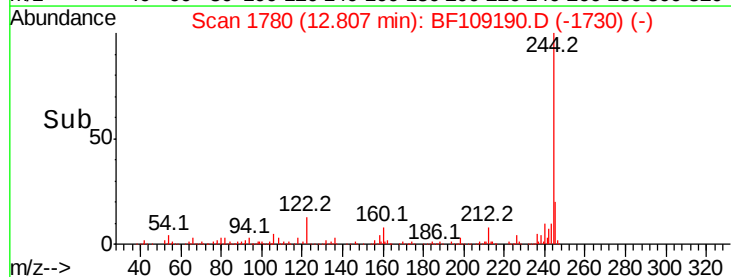
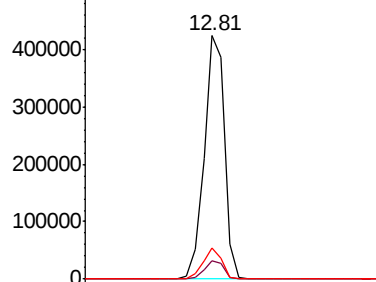


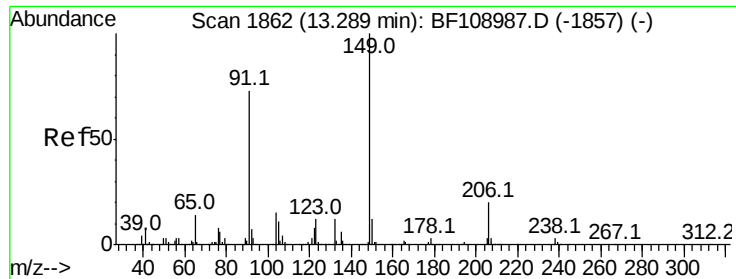
Abundance

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

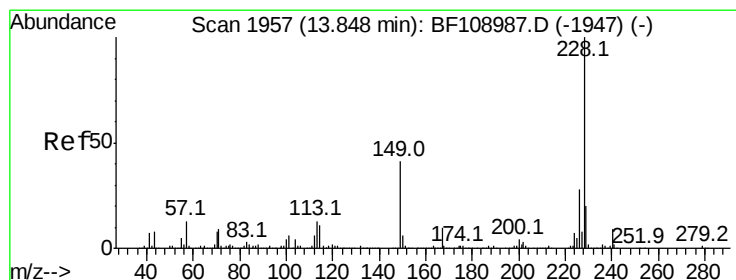
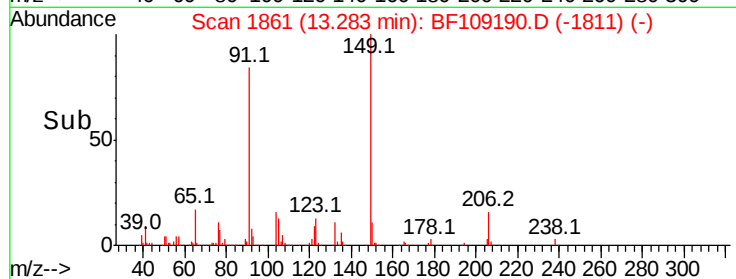
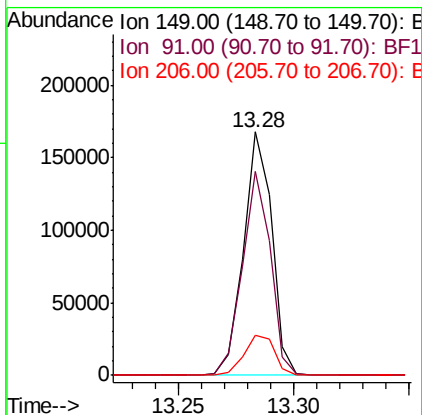
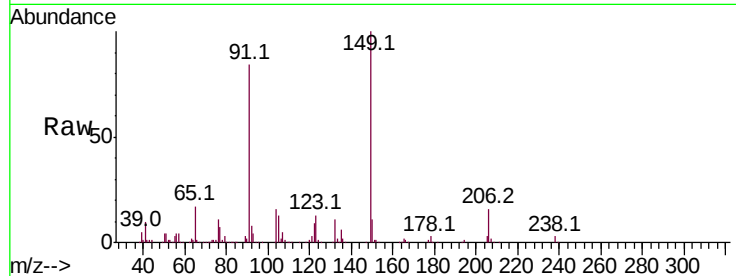




#79
Butylbenzylphthalate
Concen: 35.006 ng
RT: 13.28 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BF109190.D
Acq: 20 Sep 2018 19:05

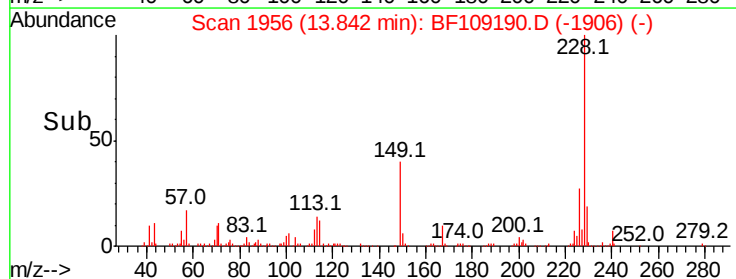
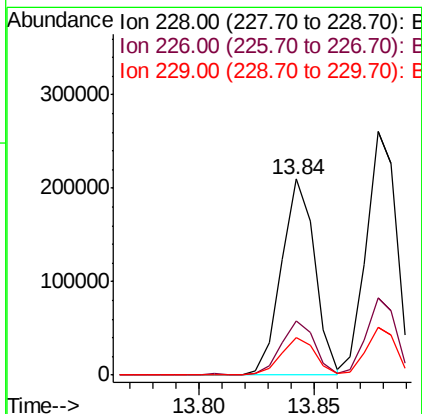
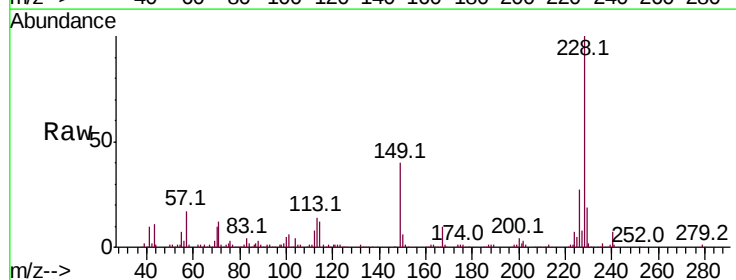
Instrument :
BNA_F
ClientSampleId :

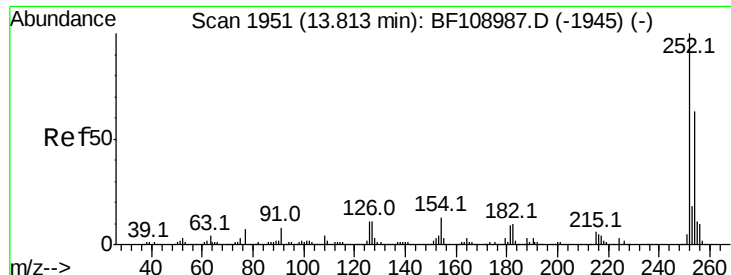
Tot Ion:149 Resp: 144338
Ion Ratio Lower Upper
149 100
91 83.7 56.8 85.2
206 16.3 14.1 21.1



#80
Benzo(a)anthracene
Concen: 27.734 ng
RT: 13.84 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BF109190.D
Acq: 20 Sep 2018 19:05

Tgt Ion:228 Resp: 208680
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.4 15.8 23.6

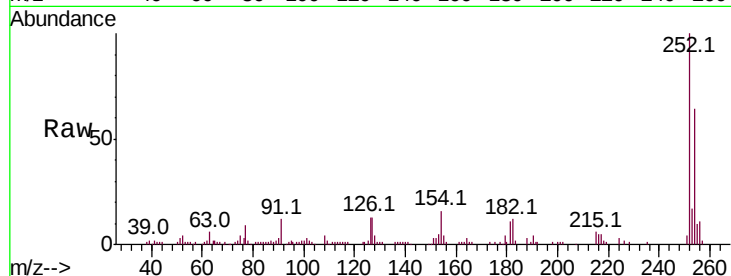




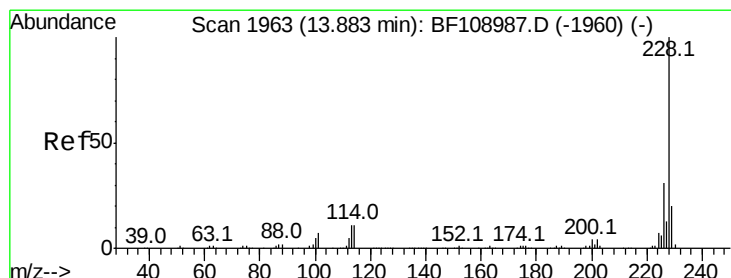
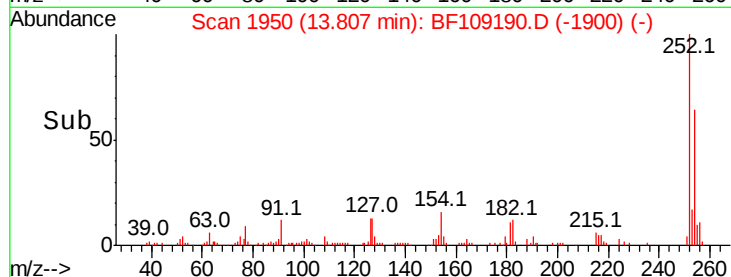
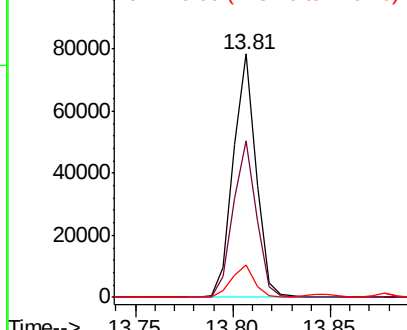
#81
 3,3'-Dichlorobenzidine
 Concen: 20.996 ng
 RT: 13.81 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.4	75.6
126	13.3	11.3	16.9

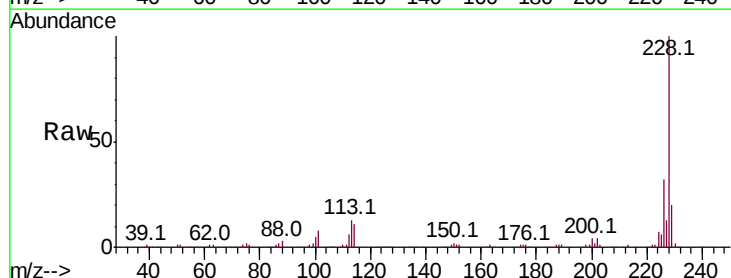


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

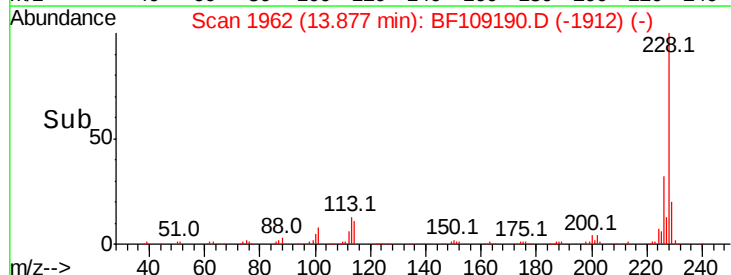
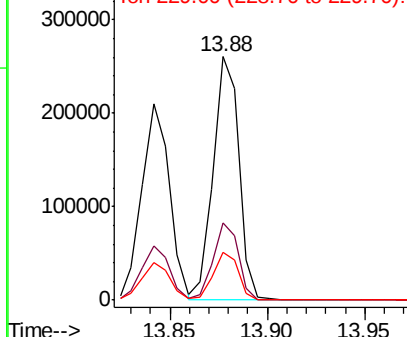


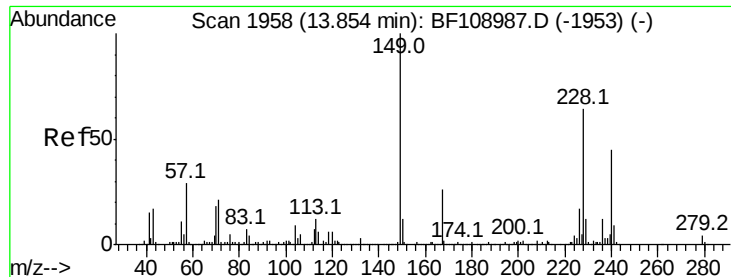
#82
 Chrysene
 Concen: 31.540 ng
 RT: 13.88 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.0	37.6
229	19.6	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

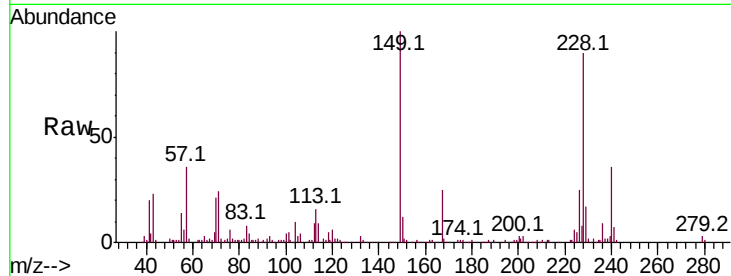




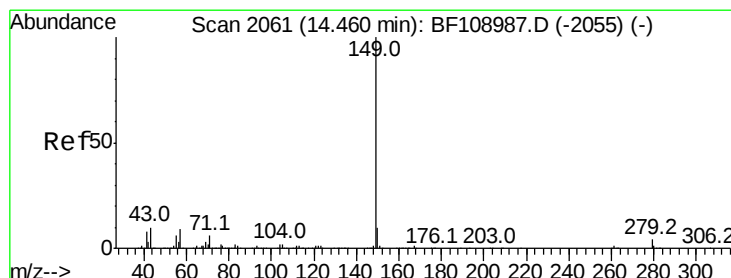
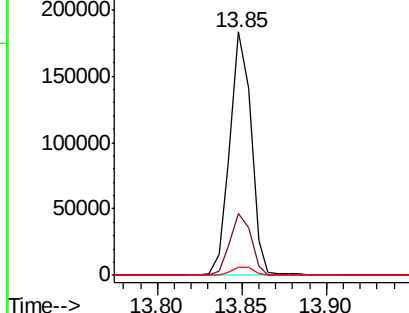
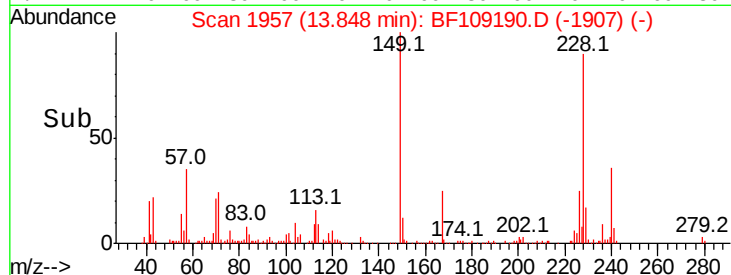
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.350 ng
 RT: 13.85 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.3	21.3	31.9
279	3.1	3.0	4.4

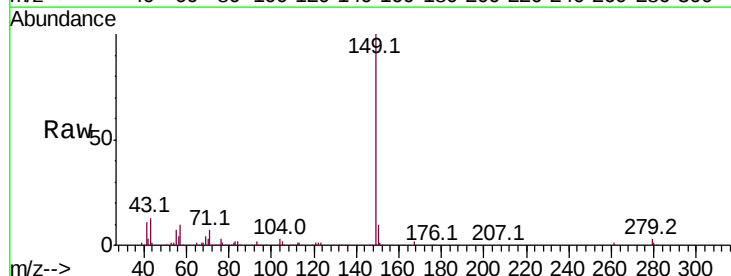


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

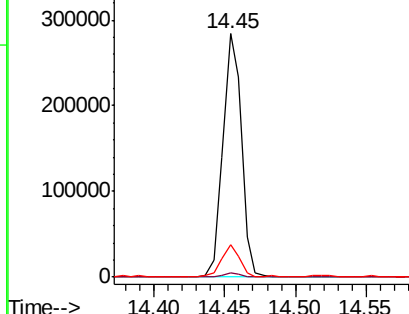
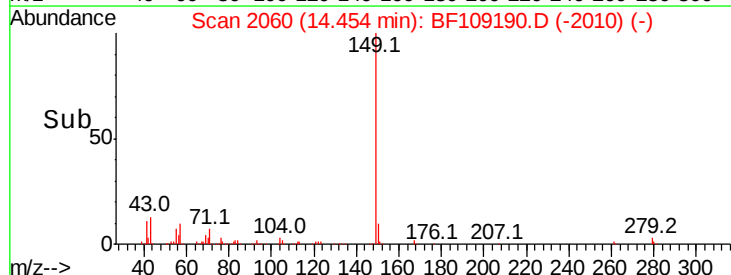


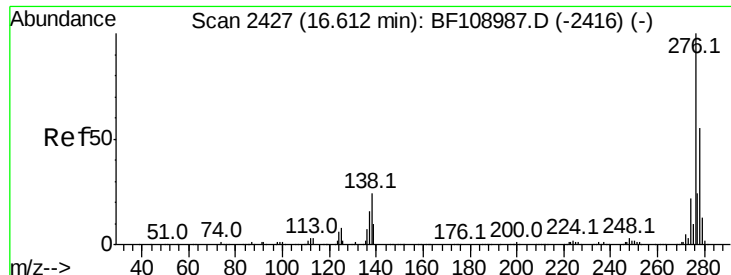
#84
 Di-n-octyl phthalate
 Concen: 30.693 ng
 RT: 14.45 min Scan# 2060
 Delta R.T. -0.01 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	12.3	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

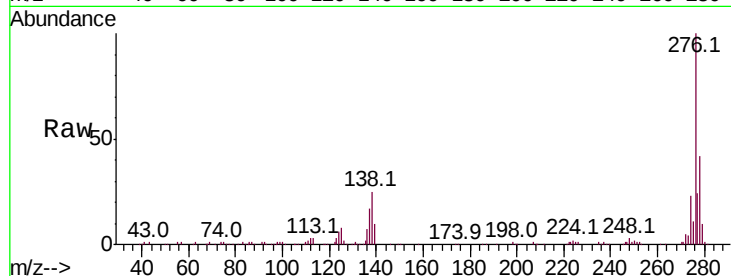




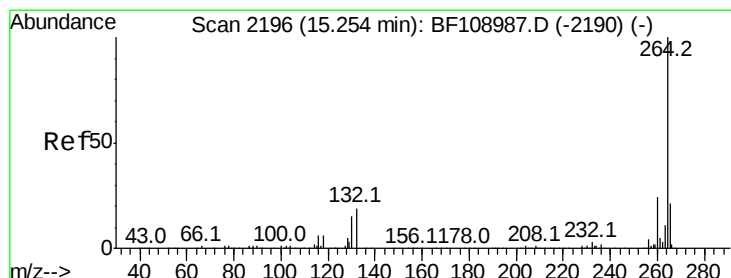
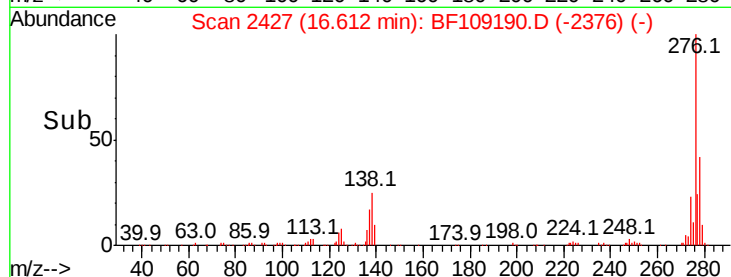
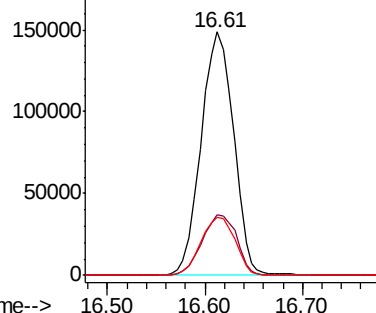
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.419 ng
 RT: 16.61 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.5	25.0	37.6
277	25.0	20.1	30.1

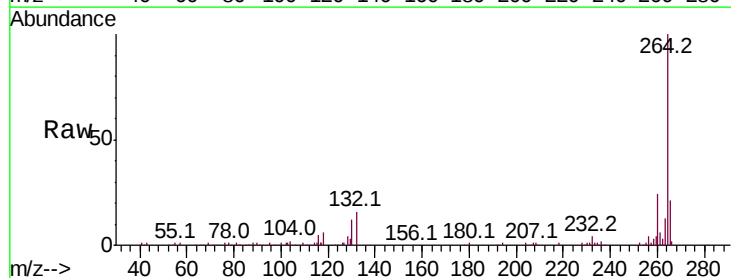


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

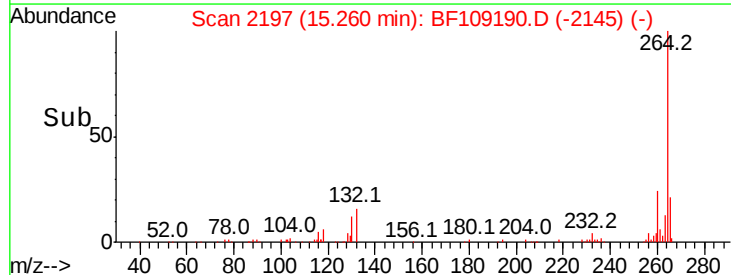
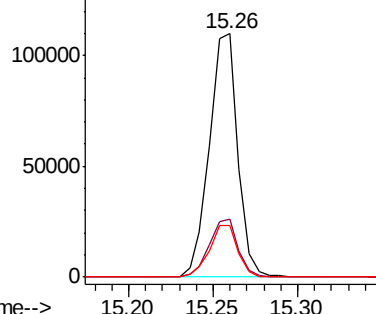


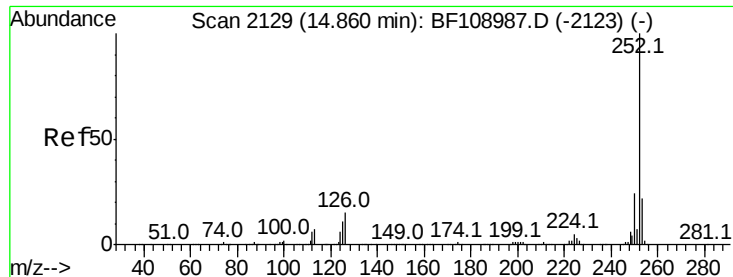
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF109190.D
 Acq: 20 Sep 2018 19:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.0	17.5	26.3



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

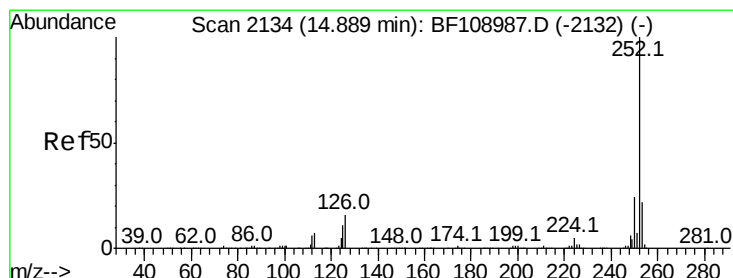
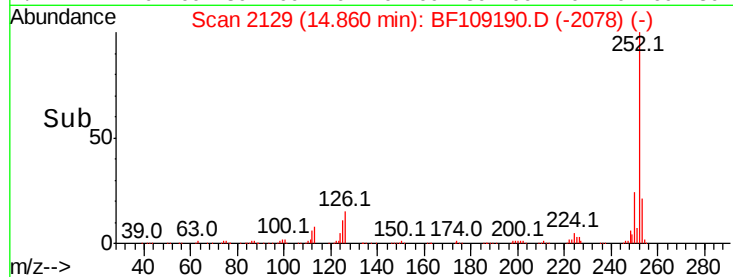
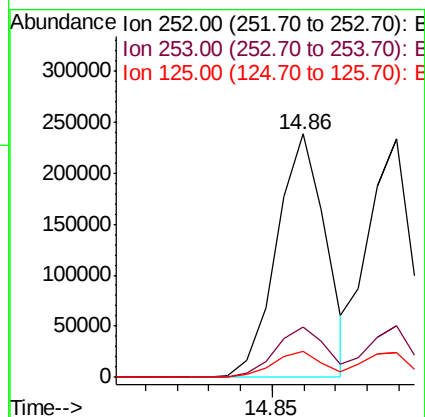
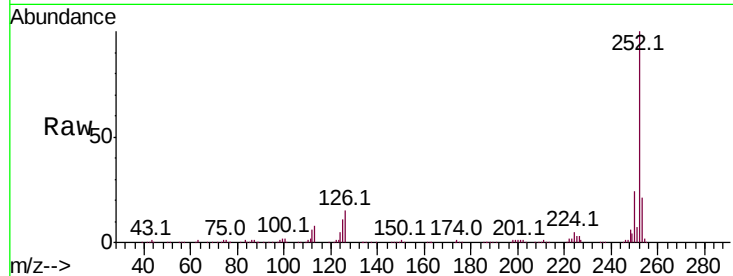




#87
Benzo(b)fluoranthene
Concen: 35.981 ng
RT: 14.86 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF109190.D
Acq: 20 Sep 2018 19:05

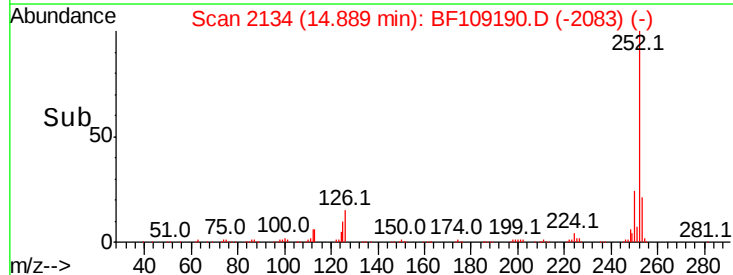
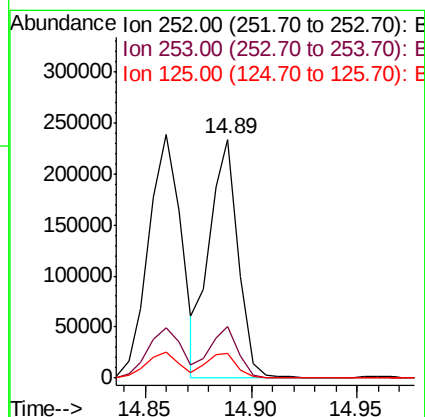
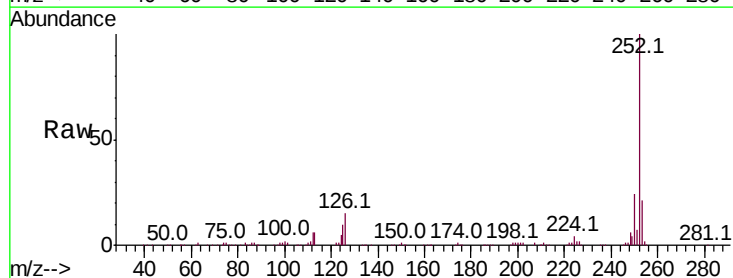
Instrument :
BNA_F
ClientSampleId :

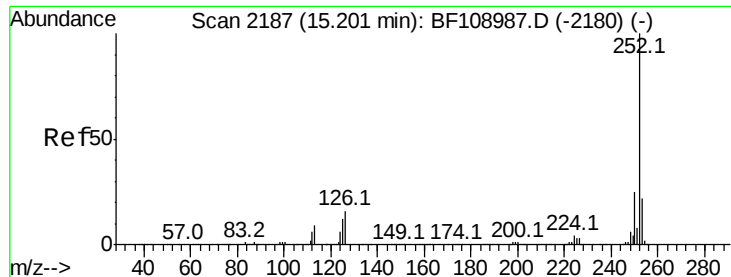
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.0	25.6
125	10.7	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 33.268 ng
RT: 14.89 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BF109190.D
Acq: 20 Sep 2018 19:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	10.4	10.2	15.2





#89

Benzo(a)pyrene

Concen: 30.049 ng

RT: 15.20 min Scan# 2187

Delta R.T. 0.00 min

Lab File: BF109190.D

Acq: 20 Sep 2018 19:05

Instrument :

BNA_F

ClientSampleId :

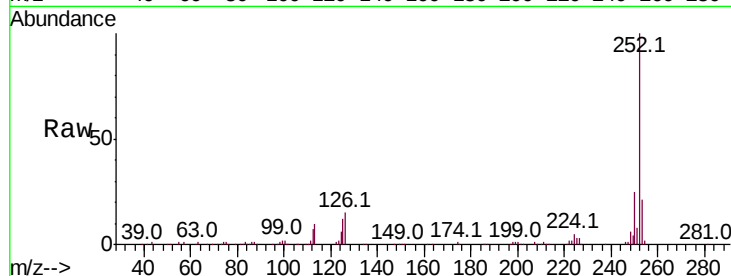
Tot Ion:252 Resp: 190147

Ion Ratio Lower Upper

252 100

253 21.3 17.1 25.7

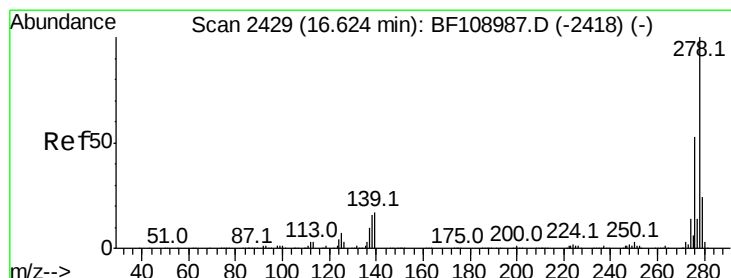
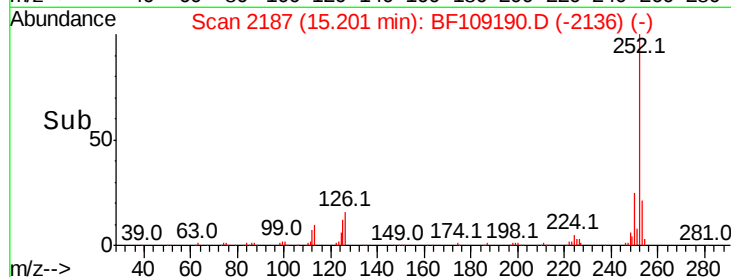
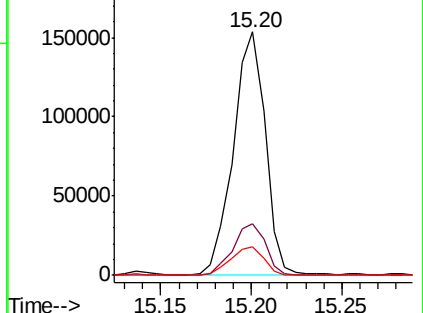
125 11.8 9.8 14.6



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: 53.963 ng

RT: 16.63 min Scan# 2430

Delta R.T. 0.01 min

Lab File: BF109190.D

Acq: 20 Sep 2018 19:05

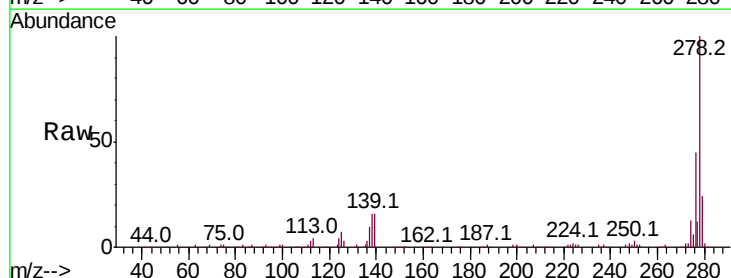
Tgt Ion:278 Resp: 286884

Ion Ratio Lower Upper

278 100

139 16.1 15.9 23.9

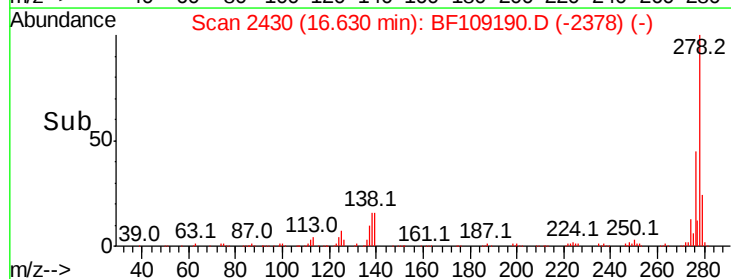
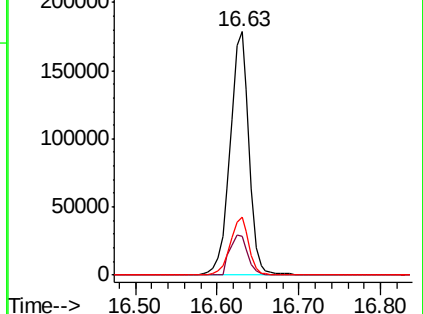
279 24.0 19.0 28.4

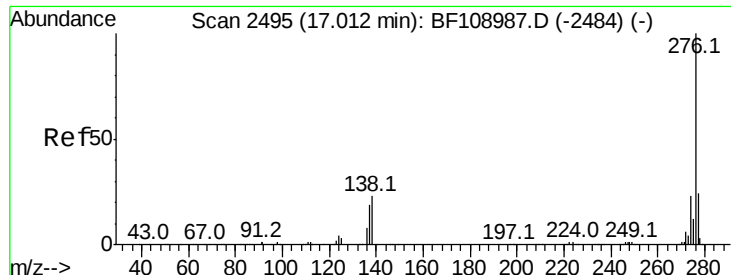


Abundance Ion 278.00 (277.70 to 278.70): E

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: 56.143 ng

RT: 17.02 min Scan# 2496

Delta R.T. 0.01 min

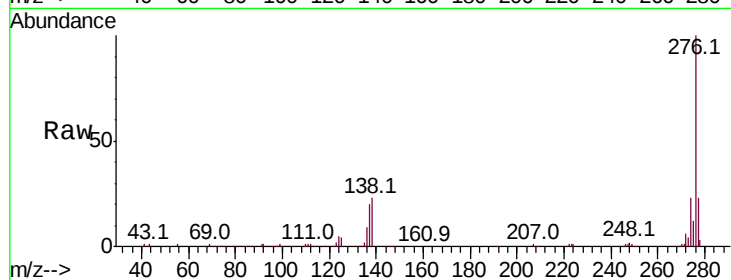
Lab File: BF109190.D

Acq: 20 Sep 2018 19:05

Instrument :

BNA_F

ClientSampleId :



Tot Ion:276 Resp: 298406

Ion Ratio Lower Upper

276 100

277 22.9 17.9 26.9

138 22.8 21.8 32.8

Abundance Ion 276.00 (275.70 to 276.70): E
200000 Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

