

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
 Data File : BF098533.D
 Acq On : 14 Sep 2017 17:37
 Operator : SJ/JU
 Sample : PB102300BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102300BS

Quant Time: Sep 15 04:57:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	130609	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	549371	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	263213	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	521392	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	405626	20.00	ng	-0.02
86) Perylene-d12	15.19	264	372597	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1017362	115.17	ng	-0.01
7) Phenol-d6	6.30	99	1227162	109.41	ng	-0.02
23) Nitrobenzene-d5	7.22	82	756928	76.81	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	263874	150.21	ng	-0.02
44) 2-Fluorobiphenyl	9.01	172	1365656	87.94	ng	-0.02
78) Terphenyl-d14	12.75	244	1374850	73.16	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	127823	28.035	ng	91
3) Pyridine	2.99	79	361303	29.839	ng	87
4) n-Nitrosodimethylamine	2.94	42	174698	29.429	ng	98
6) Aniline	6.32	93	271869	19.322	ng	# 1
8) 2-Chlorophenol	6.44	128	362351	37.303	ng	99
9) Benzaldehyde	6.20	77	173011	23.597	ng	98
10) Phenol	6.32	94	442229	33.946	ng	84
11) bis(2-Chloroethyl)ether	6.39	93	336554	34.264	ng	98
12) 1,3-Dichlorobenzene	6.59	146	361208	36.944	ng	98
13) 1,4-Dichlorobenzene	6.66	146	368950	36.841	ng	95
14) 1,2-Dichlorobenzene	6.82	146	339956	37.259	ng	99
15) Benzyl Alcohol	6.80	79	293294	39.292	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.93	45	520200	32.188	ng	72
17) 2-Methylphenol	6.92	107	293160	37.011	ng	# 90
18) Hexachloroethane	7.16	117	137122	35.752	ng	92
19) n-Nitroso-di-n-propylamine	7.07	70	248332	35.200	ng	97
20) 3+4-Methylphenols	7.08	107	396136	39.630	ng	# 65
22) Acetophenone	7.06	105	501256	35.303	ng	# 90
24) Nitrobenzene	7.24	77	380708	33.917	ng	94
25) Isophorone	7.48	82	675850	33.898	ng	97
26) 2-Nitrophenol	7.55	139	189881	41.897	ng	# 80
27) 2,4-Dimethylphenol	7.60	122	314906	36.450	ng	94
28) bis(2-Chloroethoxy)methane	7.69	93	435915	35.831	ng	98
29) 2,4-Dichlorophenol	7.80	162	296134	41.214	ng	98
30) 1,2,4-Trichlorobenzene	7.87	180	309394	39.584	ng	97
31) Naphthalene	7.95	128	1017796	37.476	ng	100
32) Benzoic acid	7.76	122	205472	37.537	ng	97
33) 4-Chloroaniline	8.01	127	137147	12.425	ng	98
34) Hexachlorobutadiene	8.07	225	159847	39.837	ng	98
35) Caprolactam	8.39	113	53035	21.405	ng	# 70
36) 4-Chloro-3-methylphenol	8.51	107	334142	37.498	ng	# 84
37) 2-Methylnaphthalene	8.65	142	678955	41.272	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	290356	35.414	ng	99
40) Hexachlorocyclopentadiene	8.79	237	201990	83.619	ng	97

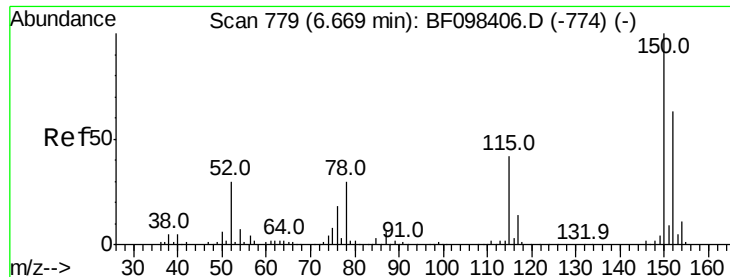
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
 Data File : BF098533.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	194382	40.363	nq	92
43) 2,4,5-Trichlorophenol	8.98	196	207558	41.234	nq	90
45) 1,1'-Biphenyl	9.11	154	831367	35.289	nq	98
46) 2-Chloronaphthalene	9.13	162	627541	37.297	nq	94
47) 2-Nitroaniline	9.24	65	228126	35.325	nq	97
48) Acenaphthylene	9.55	152	930313	37.187	nq	99
49) Dimethylphthalate	9.42	163	769205	37.753	nq	99
50) 2,6-Dinitrotoluene	9.48	165	170413	40.718	nq #	76
51) Acenaphthene	9.72	154	586882	36.906	nq	98
52) 3-Nitroaniline	9.65	138	105569	20.896	nq	90
53) 2,4-Dinitrophenol	9.77	184	156502	79.202	nq #	78
54) Dibenzofuran	9.89	168	838398	40.020	nq	99
55) 4-Nitrophenol	9.84	139	215241	74.155	nq #	59
56) 2,4-Dinitrotoluene	9.89	165	217013	42.651	nq #	68
57) Fluorene	10.23	166	673683	38.851	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	157856	46.663	nq	96
59) Diethylphthalate	10.12	149	752401	38.829	nq	99
60) 4-Chlorophenyl-phenylether	10.22	204	323022	40.331	nq	92
61) 4-Nitroaniline	10.27	138	194532	38.128	nq	89
62) Azobenzene	10.39	77	749401	35.883	nq	96
64) 4,6-Dinitro-2-methylphenol	10.30	198	119474	38.460	nq #	68
65) n-Nitrosodiphenylamine	10.35	169	622514	36.770	nq	99
66) 4-Bromophenyl-phenylether	10.71	248	197822	39.976	nq	98
67) Hexachlorobenzene	10.78	284	190692	37.991	nq #	90
68) Atrazine	10.88	200	213802	41.021	nq	97
69) Pentachlorophenol	10.98	266	171815	77.559	nq	97
70) Phenanthrene	11.19	178	1079619	39.059	nq	99
71) Anthracene	11.24	178	1109401	39.093	nq	98
72) Carbazole	11.40	167	978427	36.995	nq	98
73) Di-n-butylphthalate	11.73	149	1234017	38.942	nq	100
74) Fluoranthene	12.37	202	1139201	41.171	nq	99
76) Benzidine	12.50	184	527993	29.412	nq #	92
77) Pyrene	12.60	202	1156489	36.142	nq	99
79) Butylbenzylphthalate	13.22	149	533646	38.442	nq #	78
80) Benzo(a)anthracene	13.79	228	910429	38.284	nq	98
81) 3,3'-Dichlorobenzidine	13.75	252	201346	21.786	nq #	97
82) Chrysene	13.83	228	914331	38.036	nq	99
83) Bis(2-ethylhexyl)phthalate	13.78	149	701504	40.265	nq #	100
84) Di-n-octyl phthalate	14.39	149	1248626	41.773	nq	99
85) Indeno(1,2,3-cd)pyrene	16.54	276	755841	44.816	nq	97
87) Benzo(b)fluoranthene	14.80	252	860025	36.709	nq	98
88) Benzo(k)fluoranthene	14.83	252	843412	38.562	nq #	95
89) Benzo(a)pyrene	15.14	252	815567	39.075	nq	99
90) Dibenzo(a,h)anthracene	16.54	278	630622	41.535	nq	99
91) Benzo(g,h,i)perylene	16.93	276	629776	41.240	nq	95

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

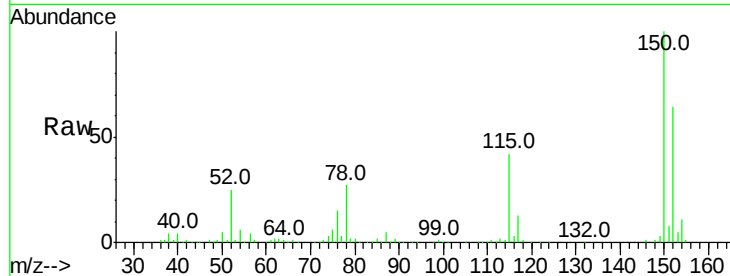


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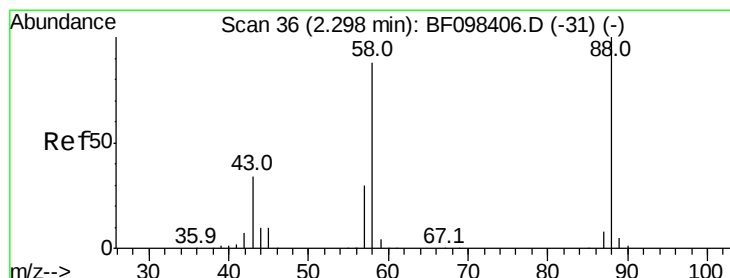
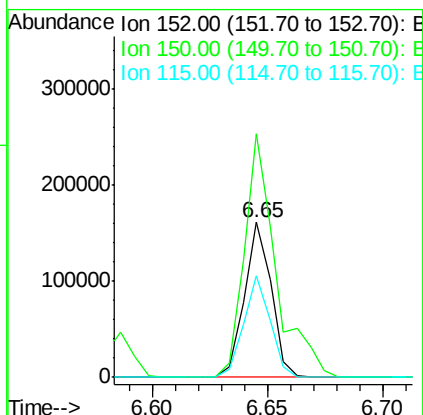
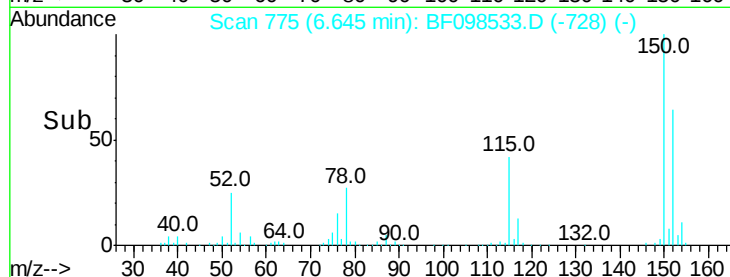
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.02 min
 Lab File: BF098533.D
 Acq: 14 Sep 2017 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PB102300BS

Tot Ion:152 Resp: 130609
 Ion Ratio Lower Upper
 152 100
 150 157.1 126.2 189.2
 115 65.6 52.2 78.2



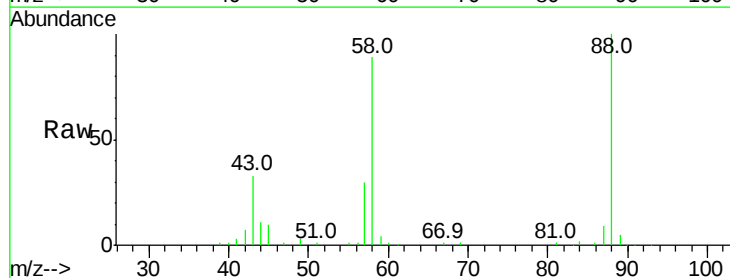
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



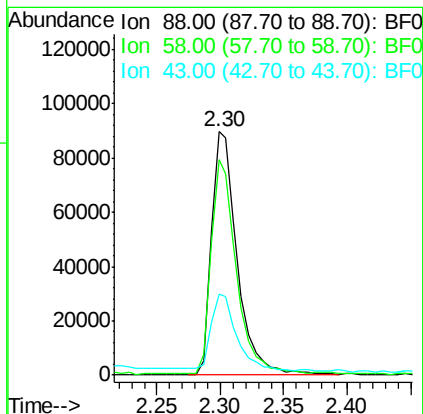
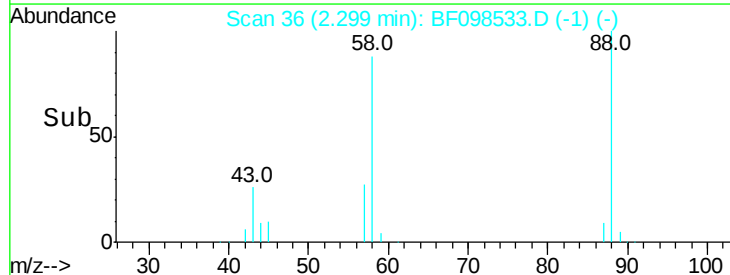
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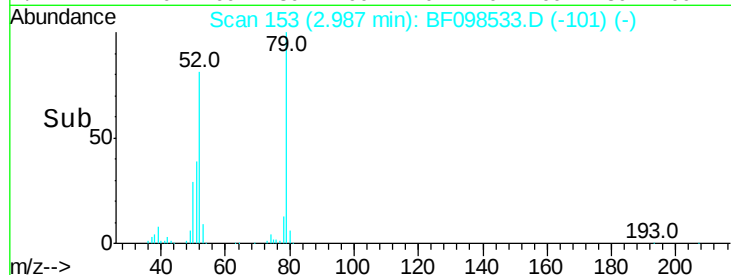
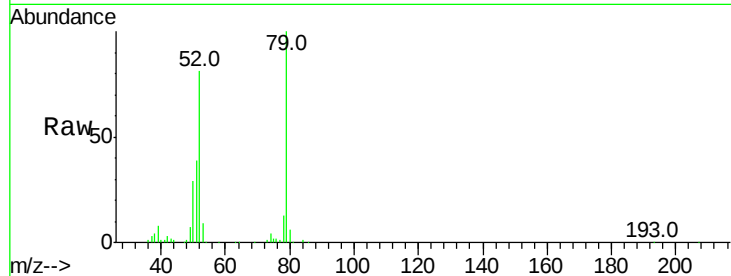
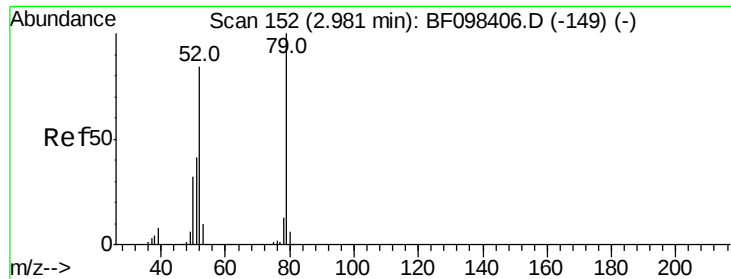
1,4-Dioxane
 Concen: 28.035 ng
 RT: 2.30 min Scan# 36
 Delta R.T. 0.00 min
 Lab File: BF098533.D
 Acq: 14 Sep 2017 17:37

Tgt Ion: 88 Resp: 127823
 Ion Ratio Lower Upper
 88 100
 58 85.7 61.4 92.0
 43 32.0 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 29.839 ng

RT: 2.99 min Scan# 153

Delta R.T. 0.01 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

Instrument :

BNA_F

ClientSampleId :

PB102300BS

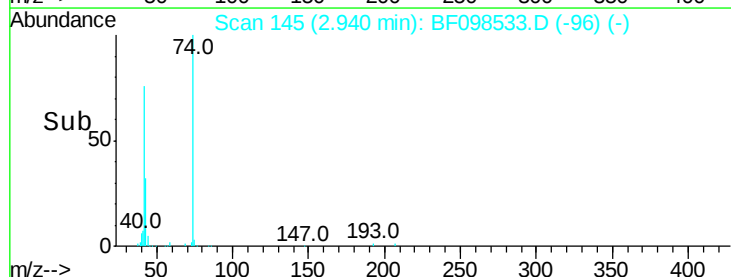
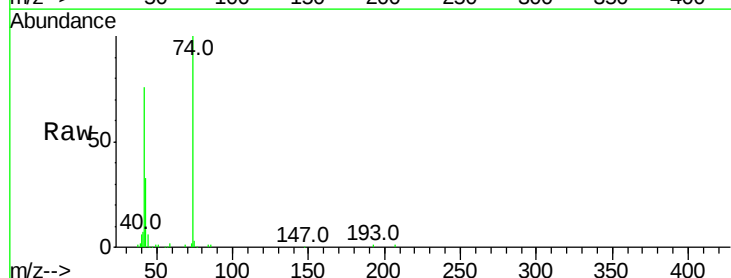
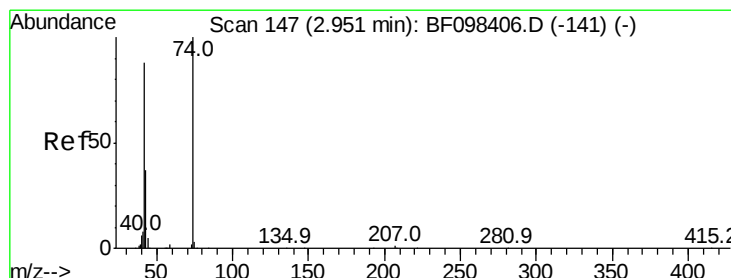
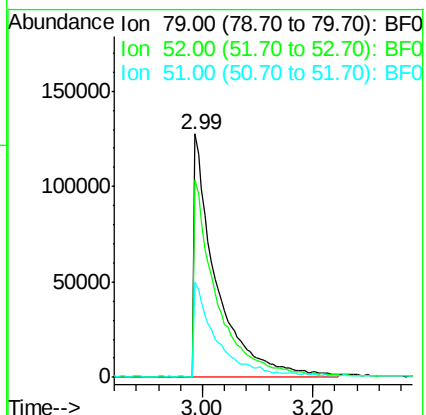
Tot Ion: 79 Resp: 361303

Ion Ratio Lower Upper

79 100

52 81.1 54.8 82.2

51 39.0 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 29.429 ng

RT: 2.94 min Scan# 145

Delta R.T. -0.01 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

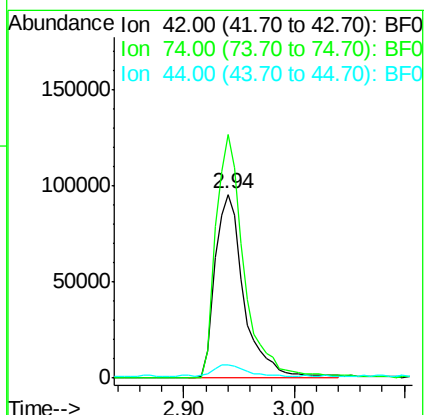
Tgt Ion: 42 Resp: 174698

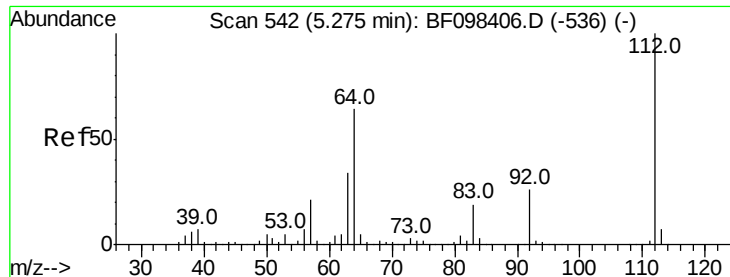
Ion Ratio Lower Upper

42 100

74 132.4 103.9 155.9

44 7.4 5.7 8.5





#5

2-Fluorophenol

Concen: 115.168 ng

RT: 5.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

Instrument :

BNA_F

ClientSampleId :

PB102300BS

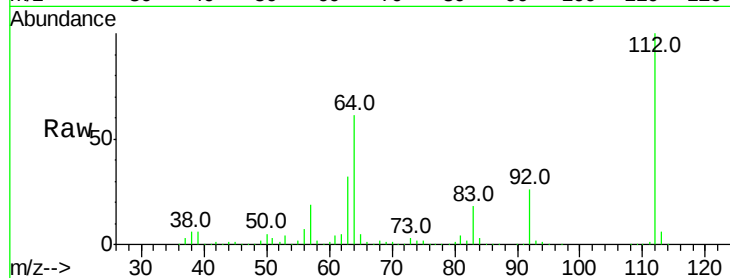
Tot Ion:112 Resp: 1017362

Ion Ratio Lower Upper

112 100

64 60.8 46.0 69.0

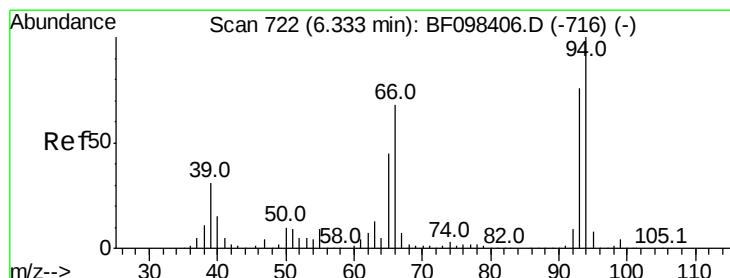
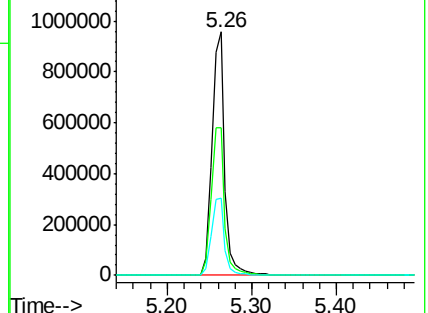
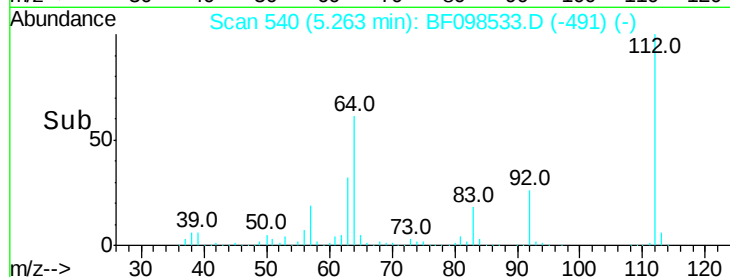
63 31.6 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.322 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

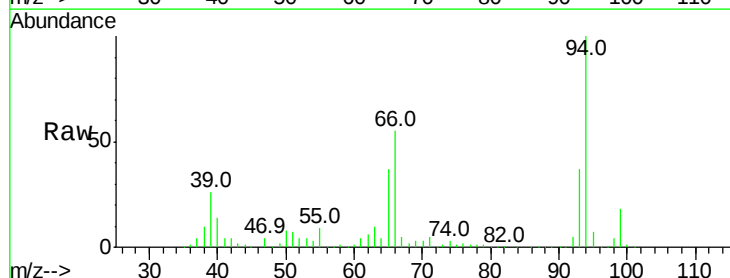
Tgt Ion: 93 Resp: 271869

Ion Ratio Lower Upper

93 100

66 148.2 32.9 49.3#

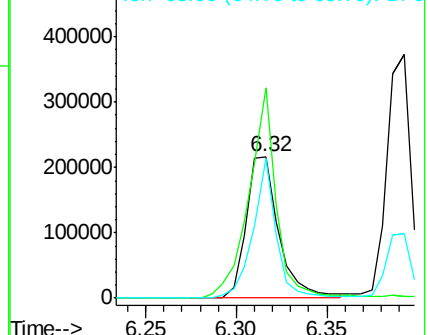
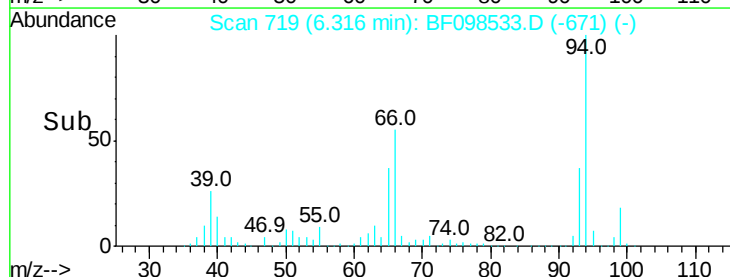
65 99.1 16.0 24.0#

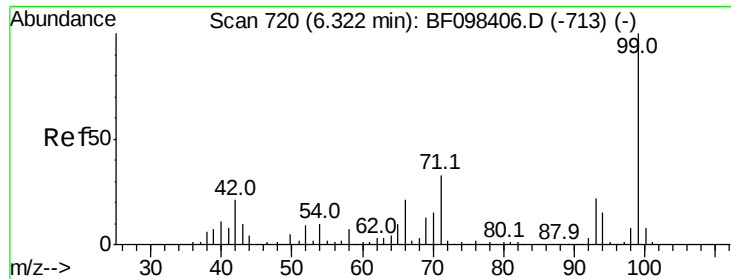


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 109.413 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

Instrument :

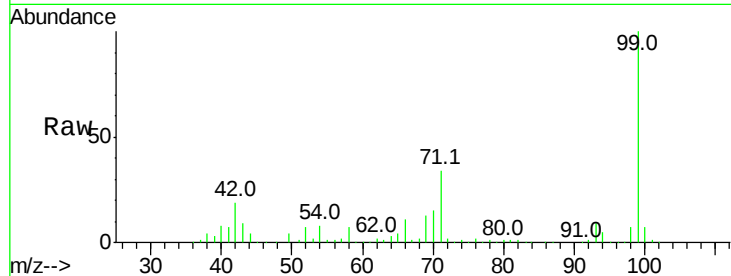
BNA_F

ClientSampleId :

PB102300BS

Tot Ion: 99 Resp: 1227162

Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.5	20.3
71	34.5	24.5	36.7

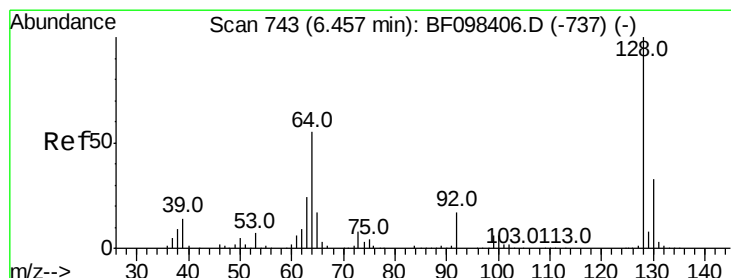
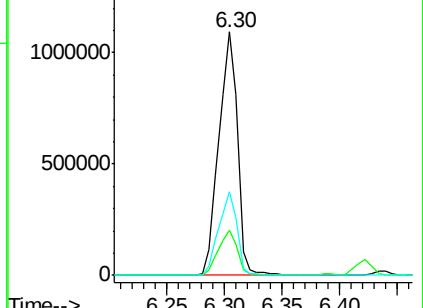
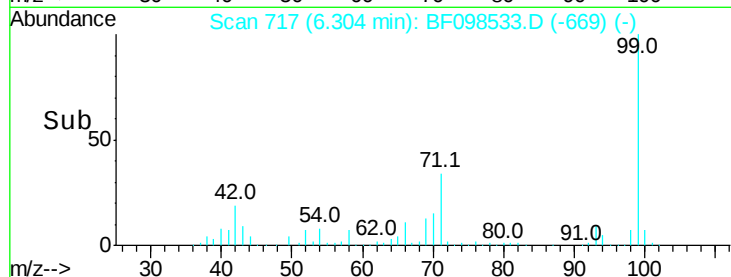


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.303 ng

RT: 6.44 min Scan# 740

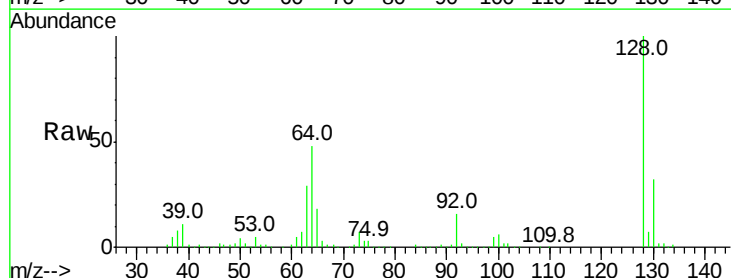
Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

Tgt Ion: 128 Resp: 362351

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	47.8	28.4	68.4

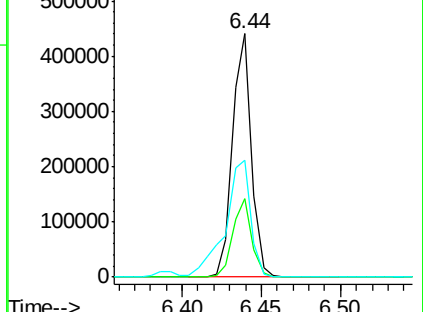
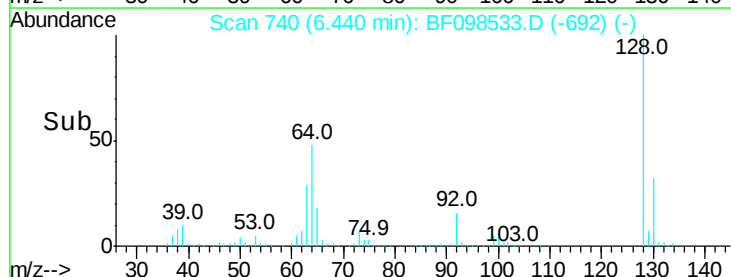


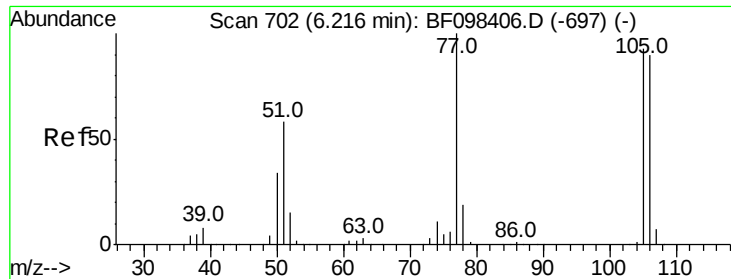
Abundance

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): BF0

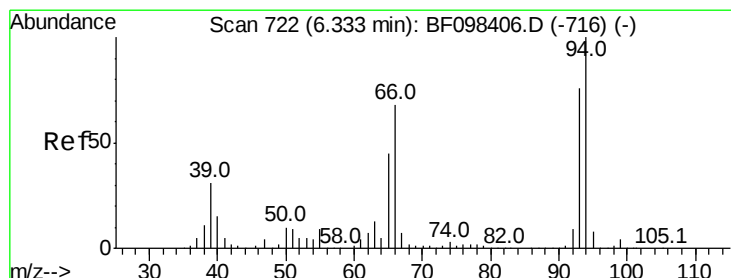
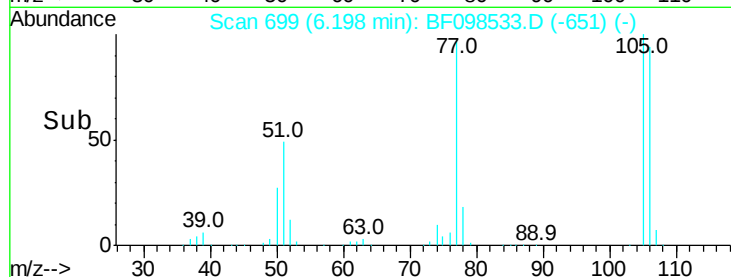
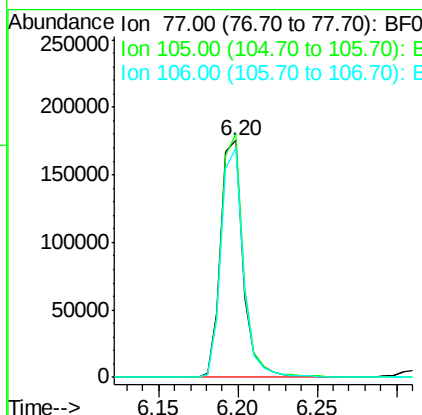
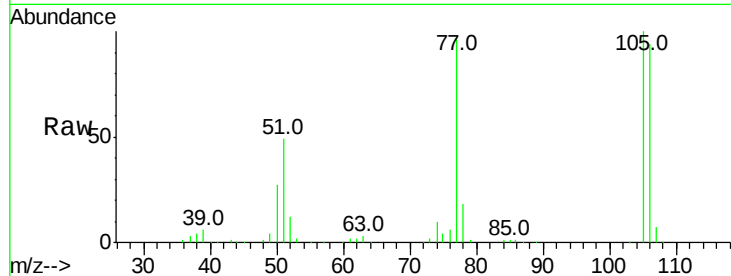




#9
Benzaldehyde
Concen: 23.597 ng
RT: 6.20 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF098533.D
Acq: 14 Sep 2017 17:37

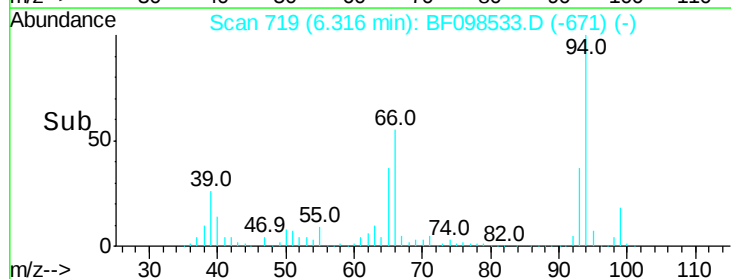
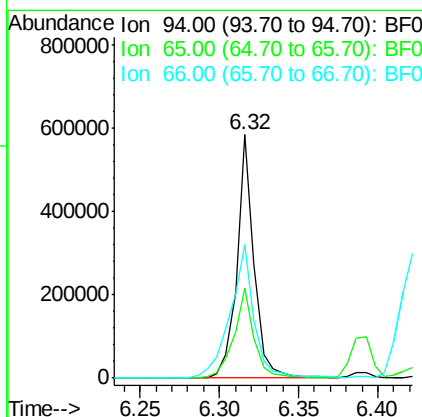
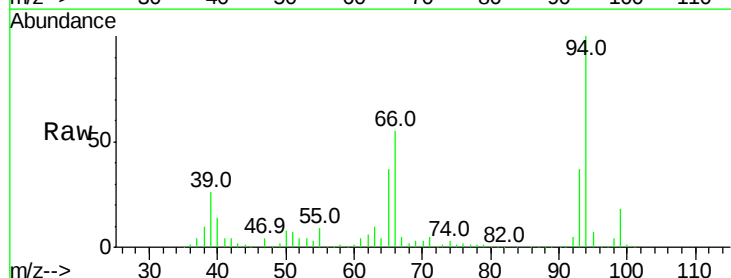
Instrument :
BNA_F
ClientSampleId :
PB102300BS

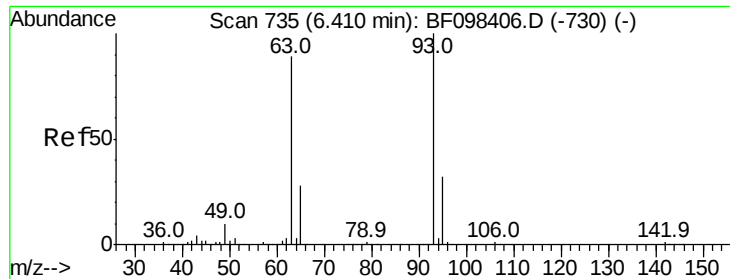
Tot Ion: 77 Resp: 173011
Ion Ratio Lower Upper
77 100
105 102.8 83.8 123.8
106 96.8 79.1 119.1



#10
Phenol
Concen: 33.946 ng
RT: 6.32 min Scan# 719
Delta R.T. -0.02 min
Lab File: BF098533.D
Acq: 14 Sep 2017 17:37

Tgt Ion: 94 Resp: 442229
Ion Ratio Lower Upper
94 100
65 36.7 9.9 49.9
66 54.9 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 34.264 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

Instrument :

BNA_F

ClientSampleId :

PB102300BS

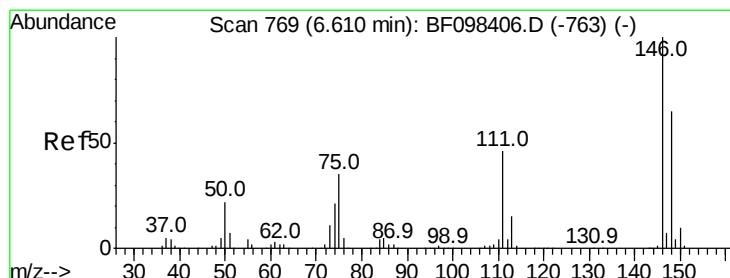
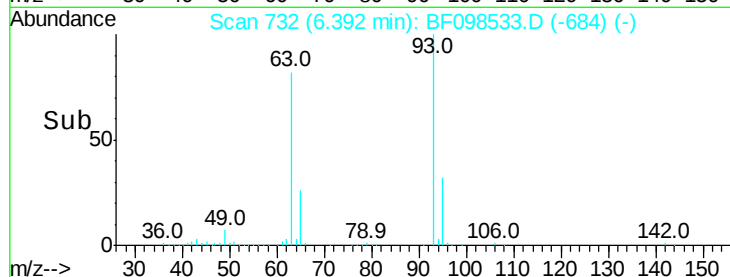
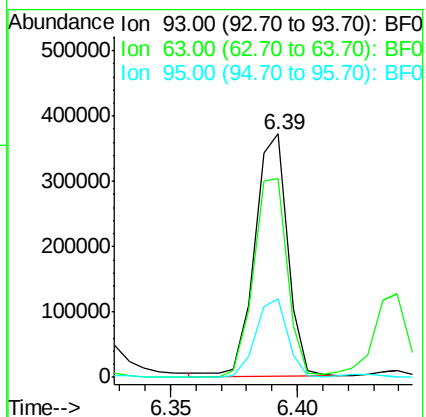
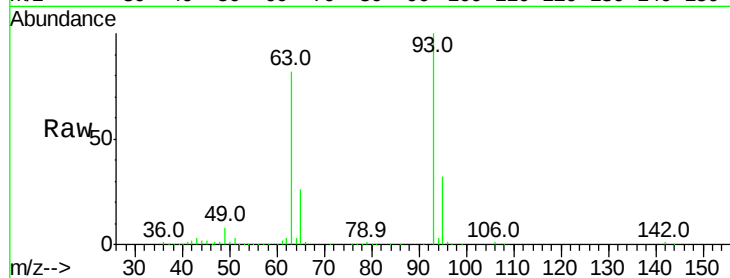
Tot Ion: 93 Resp: 336554

Ion Ratio Lower Upper

93 100

63 81.6 59.2 99.2

95 32.1 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 36.944 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

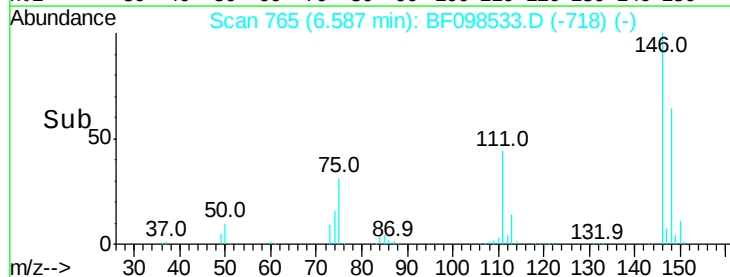
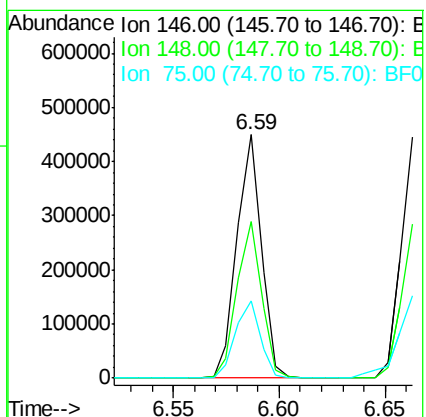
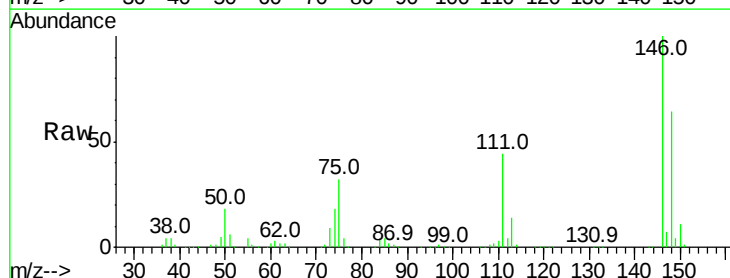
Tgt Ion: 146 Resp: 361208

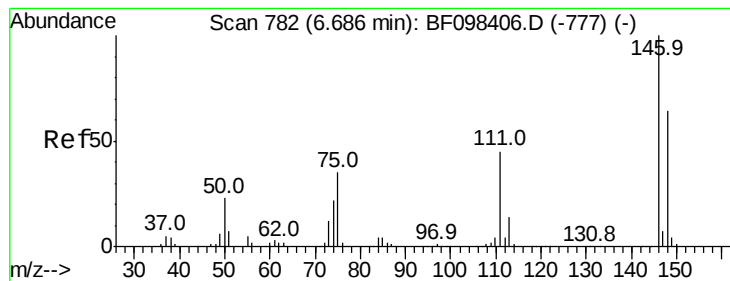
Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.6

75 31.7 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 36.841 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

Instrument :

BNA_F

ClientSampleId :

PB102300BS

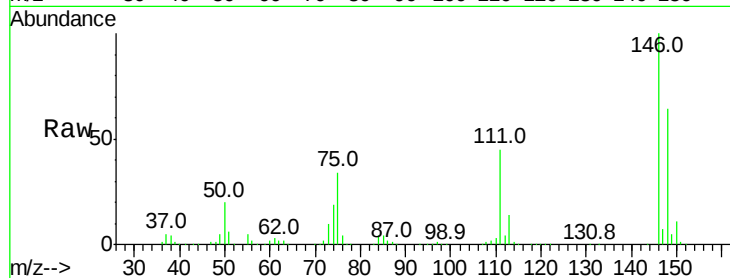
Tot Ion:146 Resp: 368950

Ion Ratio Lower Upper

146 100

148 64.1 52.2 78.2

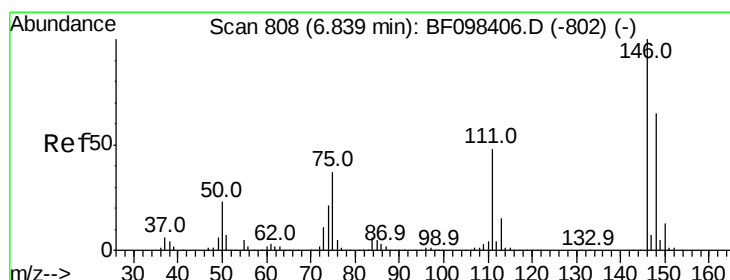
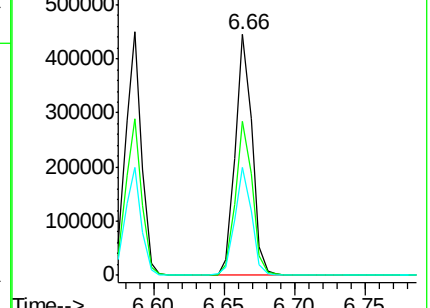
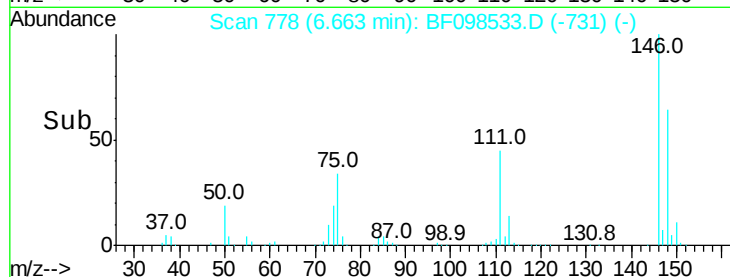
111 44.9 30.3 45.5



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: 37.259 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

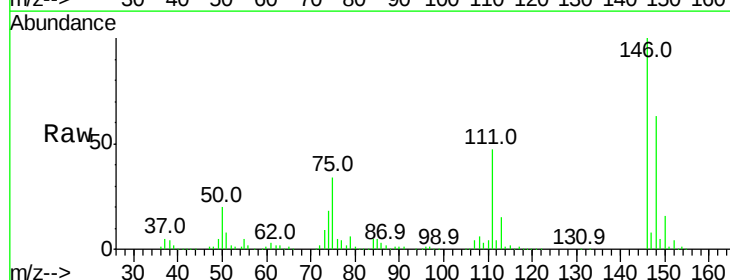
Tgt Ion:146 Resp: 339956

Ion Ratio Lower Upper

146 100

148 63.5 50.4 75.6

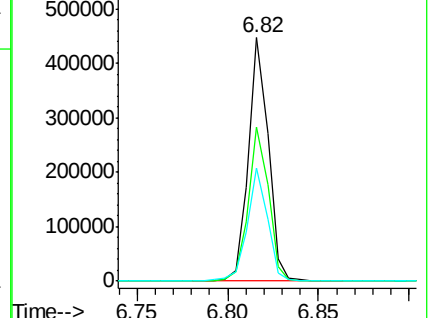
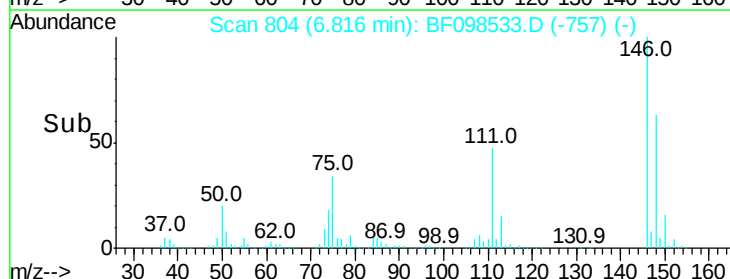
111 46.5 38.2 57.4

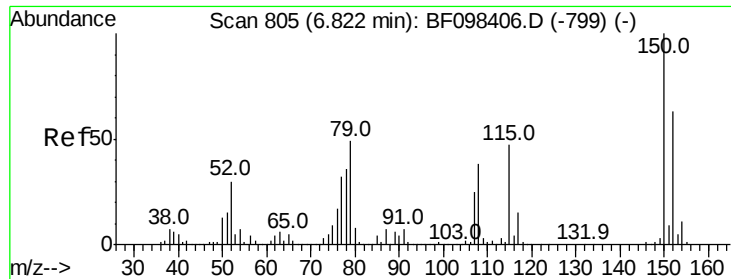


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

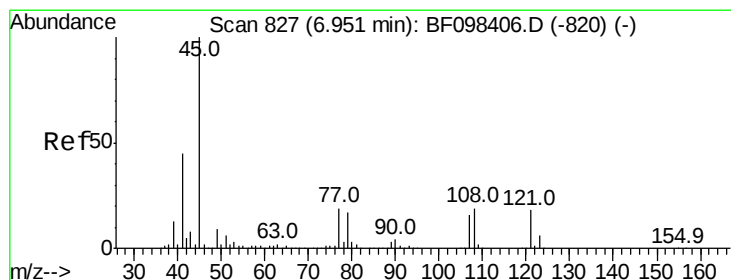
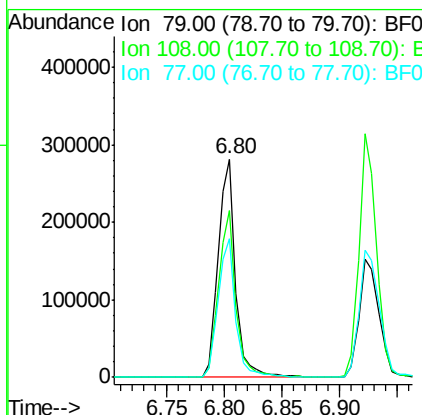
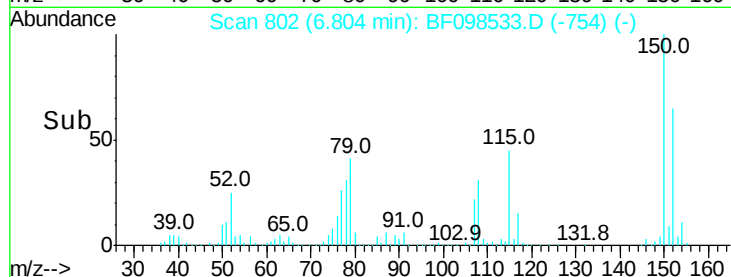
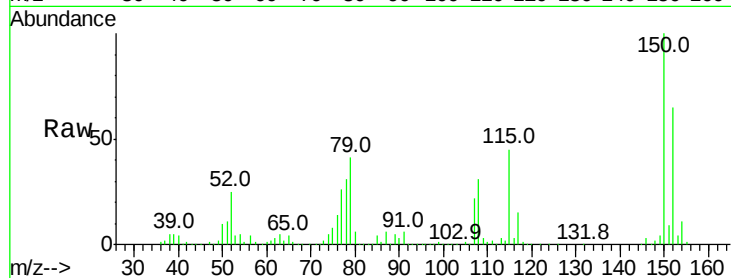




#15
Benzyl Alcohol
Concen: 39.292 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF098533.D
Acq: 14 Sep 2017 17:37

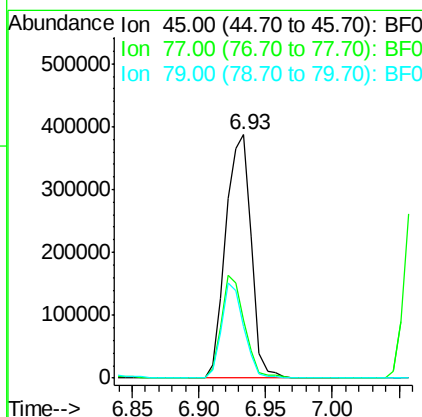
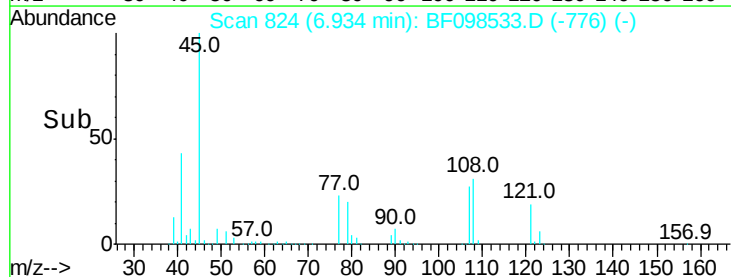
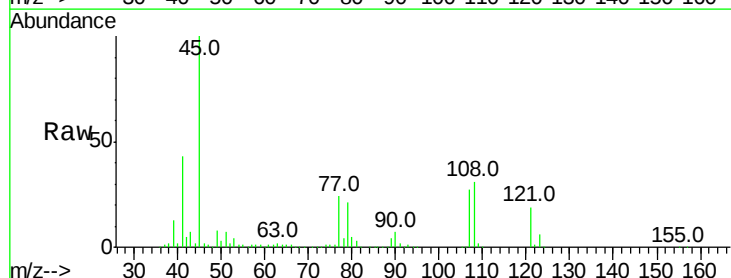
Instrument :
BNA_F
ClientSampleId :
PB102300BS

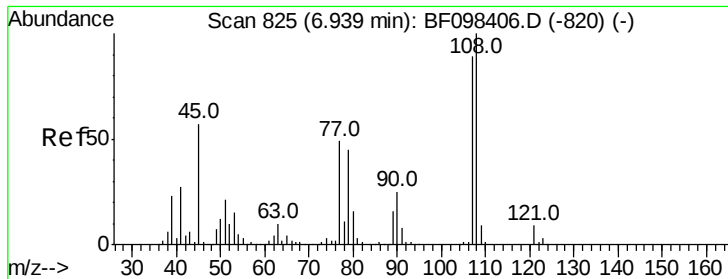
Tot Ion: 79 Resp: 293294
Ion Ratio Lower Upper
79 100
108 76.3 63.4 95.0
77 63.2 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 32.188 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF098533.D
Acq: 14 Sep 2017 17:37

Tgt Ion: 45 Resp: 520200
Ion Ratio Lower Upper
45 100
77 24.0 0.0 33.2
79 21.2 0.0 30.0

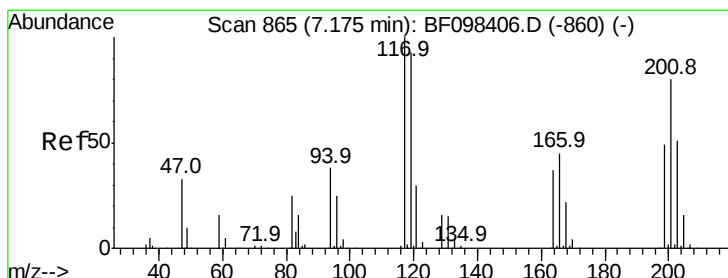
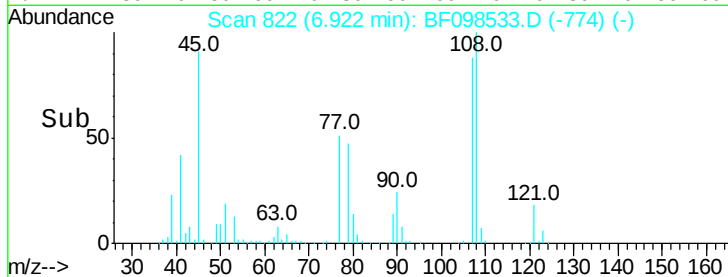
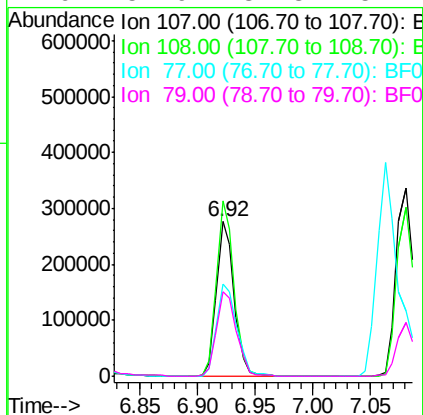
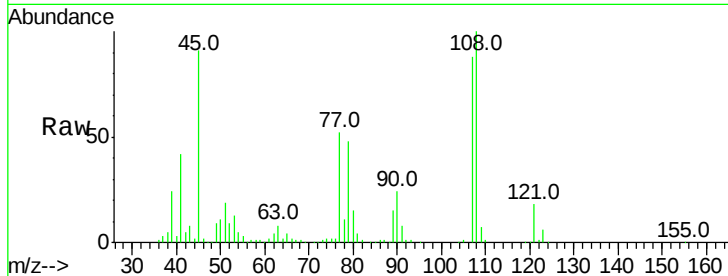




#17
2-Methylphenol
Concen: 37.011 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.02 min
Lab File: BF098533.D
Acq: 14 Sep 2017 17:37

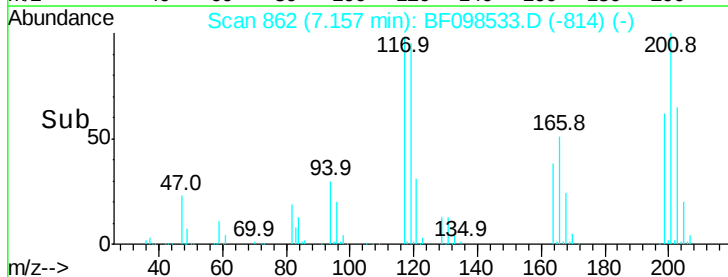
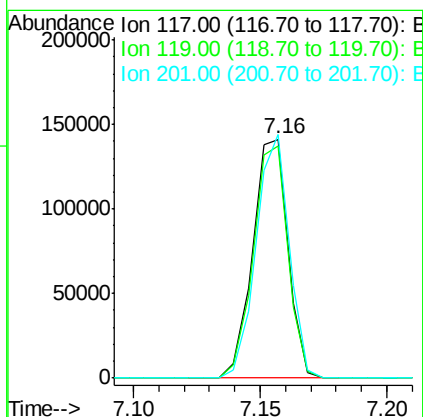
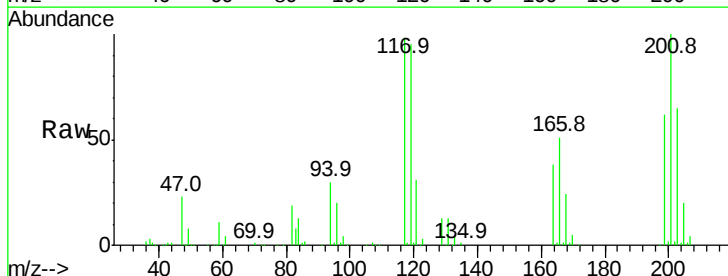
Instrument :
BNA_F
ClientSampleId :
PB102300BS

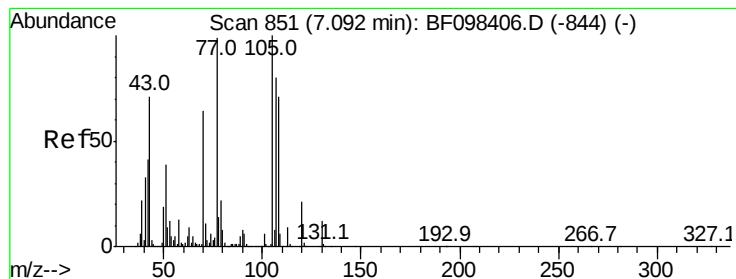
Tot Ion:107 Resp: 293160
Ion Ratio Lower Upper
107 100
108 113.7 93.4 140.0
77 59.4 35.8 53.6#
79 54.9 34.8 52.2#



#18
Hexachloroethane
Concen: 35.752 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF098533.D
Acq: 14 Sep 2017 17:37

Tgt Ion:117 Resp: 137122
Ion Ratio Lower Upper
117 100
119 97.3 77.4 116.0
201 101.9 94.6 141.8





#19

n-Nitroso-di-n-propylamine

Concen: 35.200 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

Instrument :

BNA_F

ClientSampleId :

PB102300BS

Tot Ion: 70 Resp: 248332

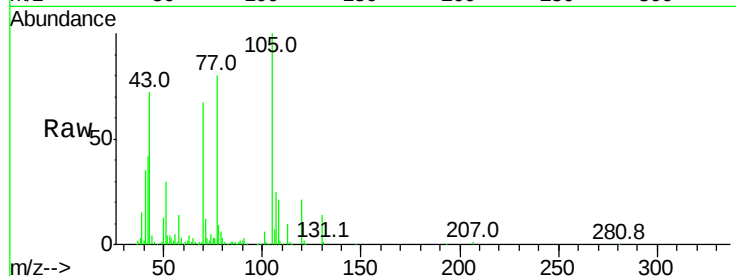
Ion Ratio Lower Upper

70 100

42 61.9 47.2 70.8

101 9.1 7.2 10.8

130 20.9 15.9 23.9



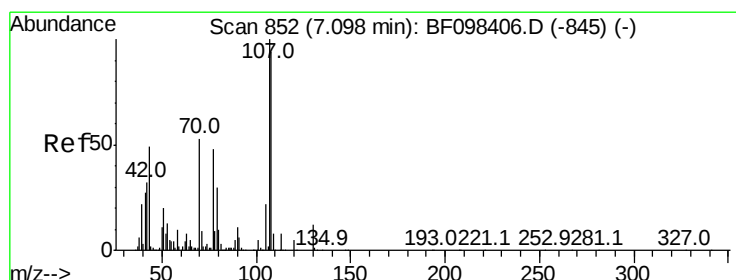
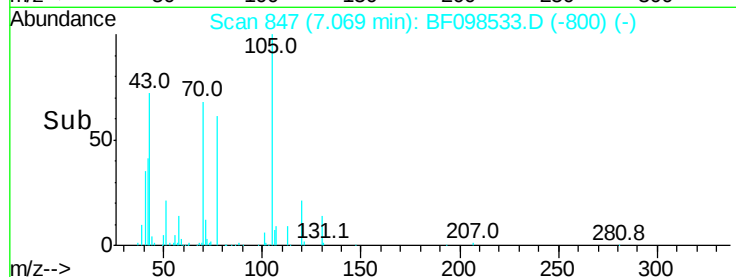
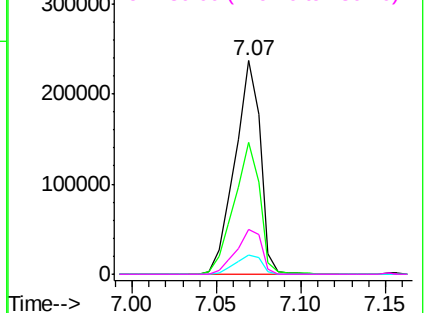
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 39.630 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

Tgt Ion: 107 Resp: 396136

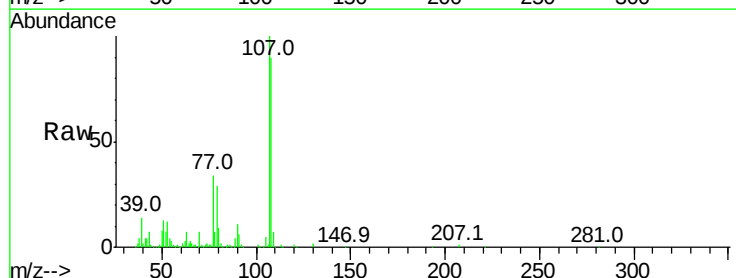
Ion Ratio Lower Upper

107 100

108 89.5 71.0 111.0

77 34.5 90.5 130.5#

79 28.9 8.4 48.4



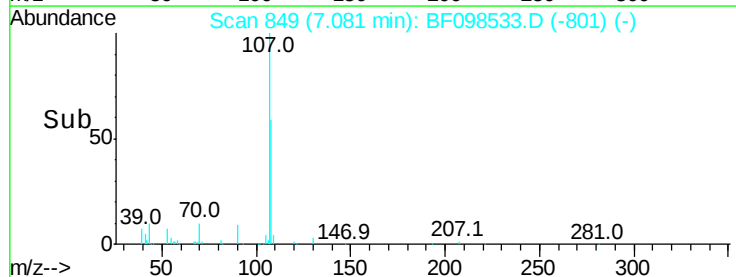
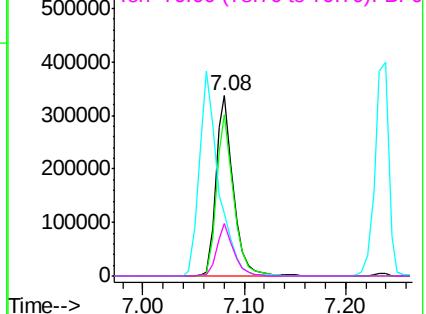
Abundance

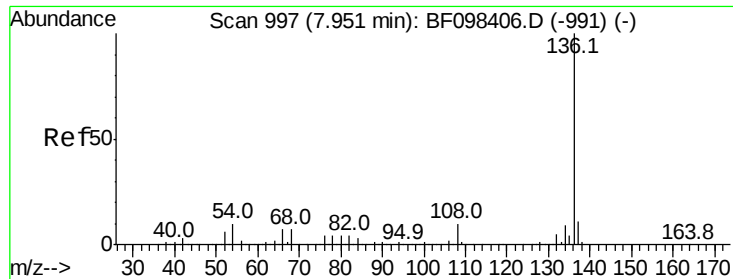
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

Instrument :

BNA_F

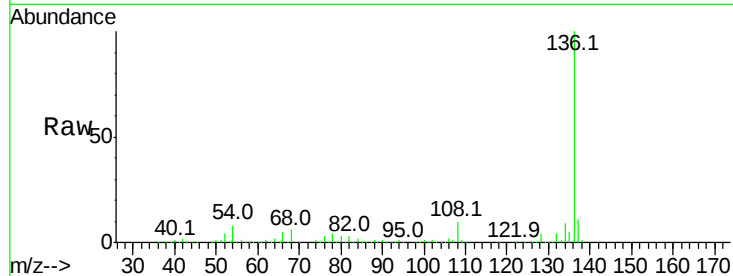
ClientSampleId :

PB102300BS

Tot Ion:136 Resp: 549371

Ion Ratio Lower Upper

136	100		
137	10.9	8.5	12.7
54	8.4	4.9	7.3#
68	5.8	4.1	6.1

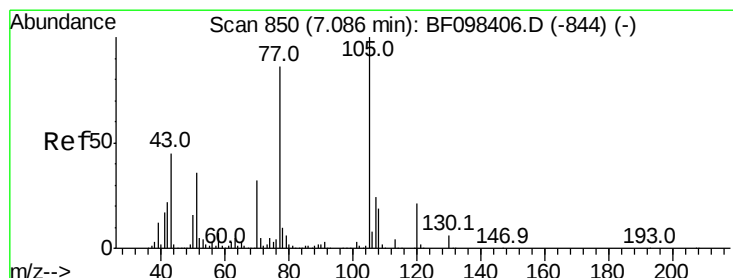
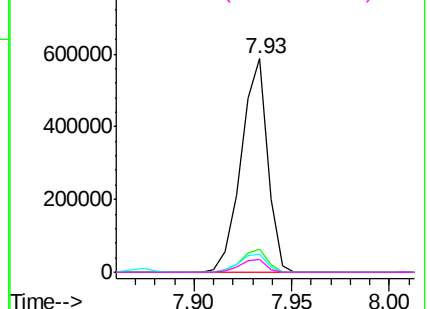
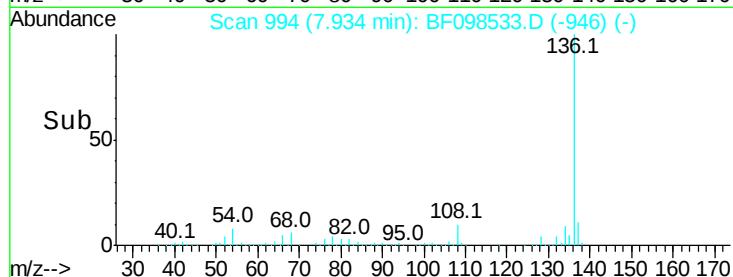


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 35.303 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.02 min

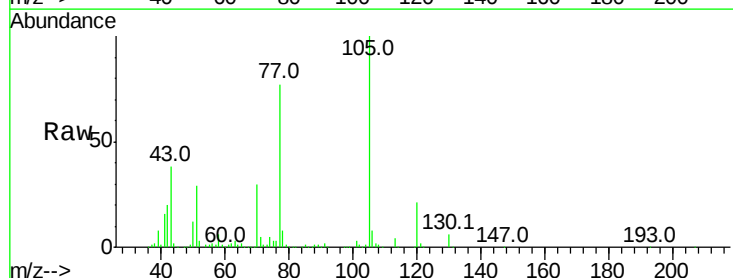
Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

Tgt Ion:105 Resp: 501256

Ion Ratio Lower Upper

105	100		
71	5.1	2.8	4.2#
51	28.7	30.7	46.1#
120	21.2	17.4	26.0

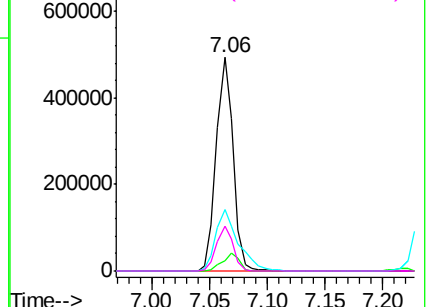
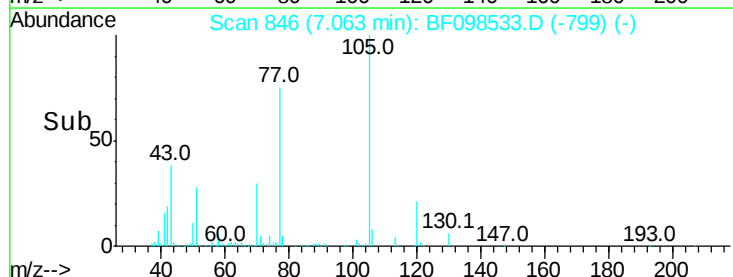


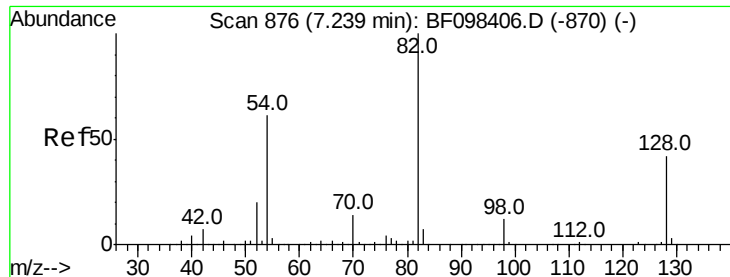
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 76.812 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

Instrument :

BNA_F

ClientSampleID :

PB102300BS

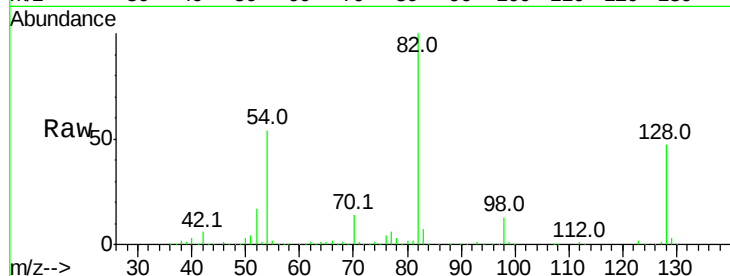
Tot Ion: 82 Resp: 756928

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

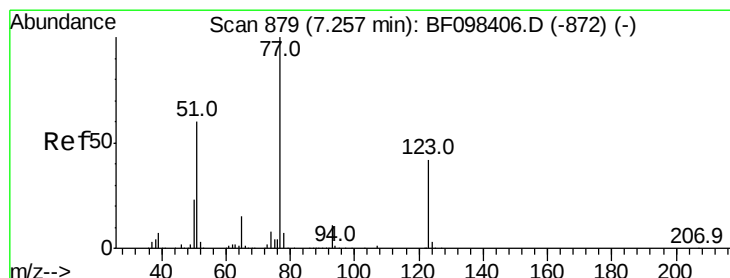
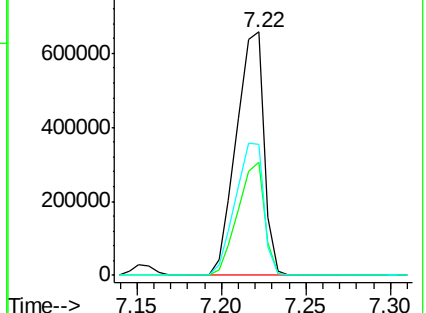
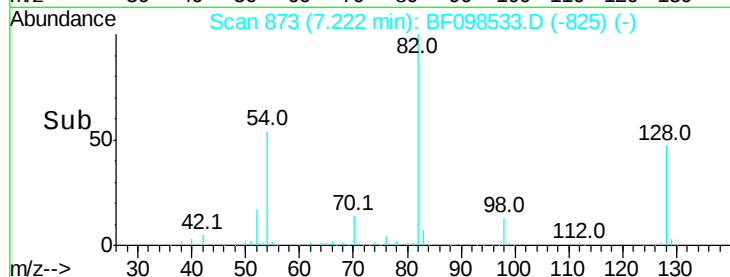
54 54.0 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 33.917 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

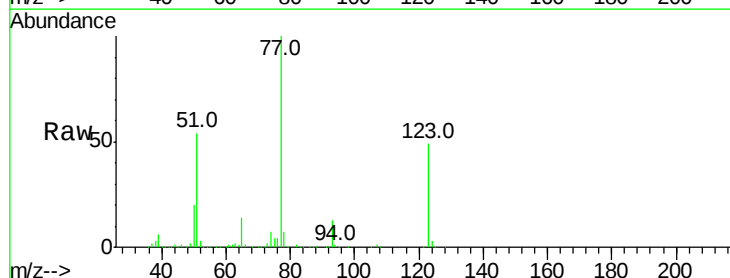
Tgt Ion: 77 Resp: 380708

Ion Ratio Lower Upper

77 100

123 49.5 35.8 53.8

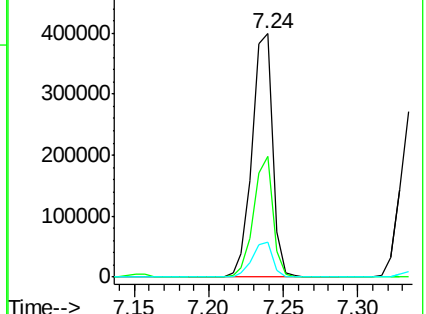
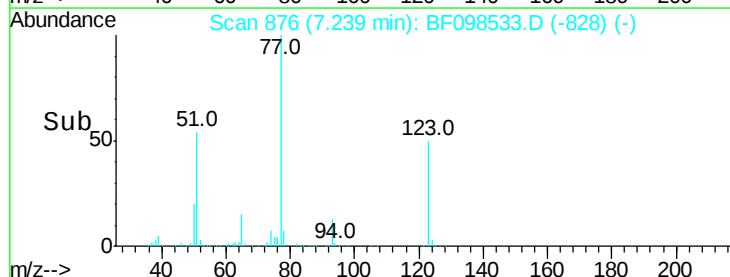
65 14.5 10.6 15.8

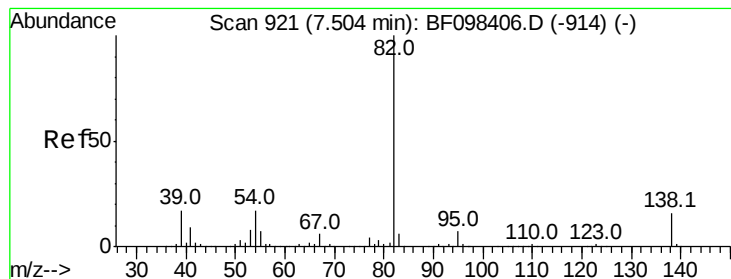


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 33.898 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

Instrument :

BNA_F

ClientSampleId :

PB102300BS

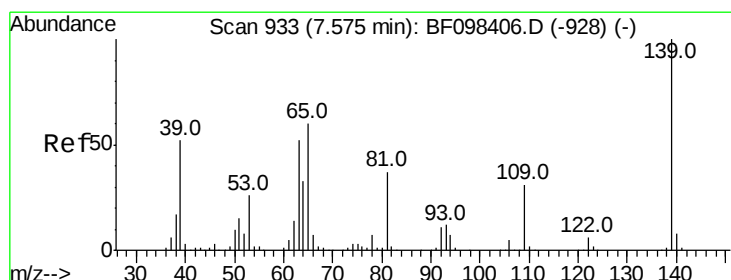
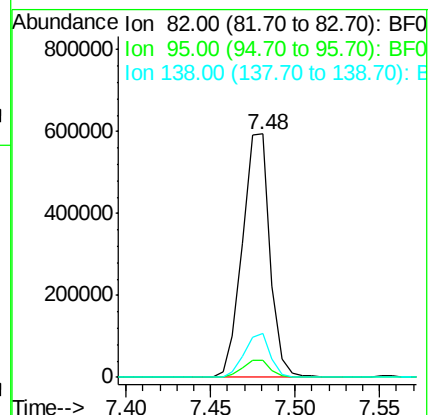
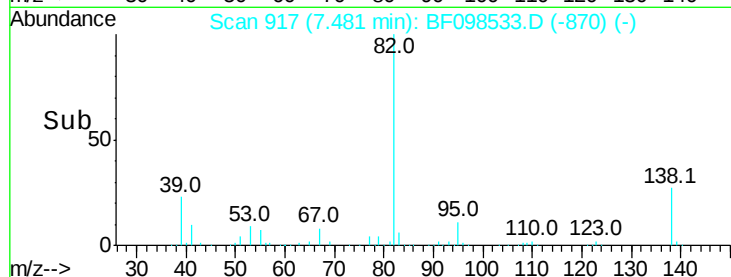
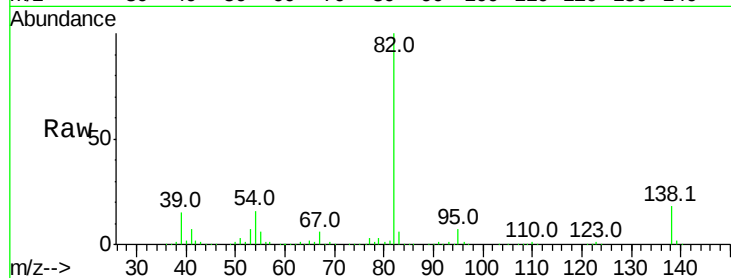
Tot Ion: 82 Resp: 675850

Ion Ratio Lower Upper

82 100

95 7.2 5.3 7.9

138 17.9 13.1 19.7



#26

2-Nitrophenol

Concen: 41.897 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

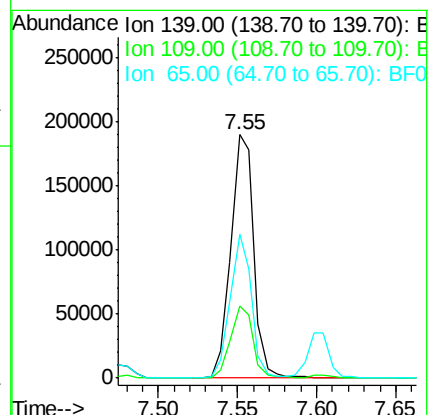
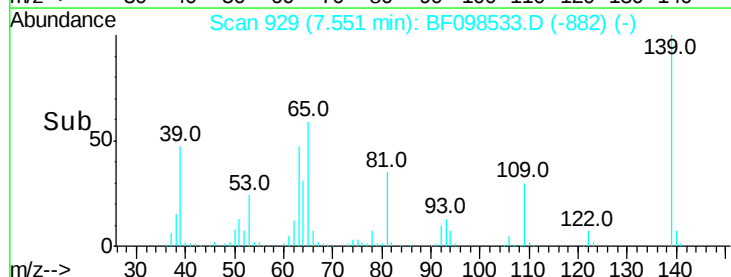
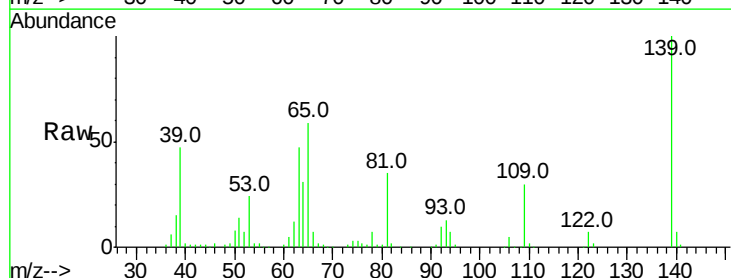
Tgt Ion:139 Resp: 189881

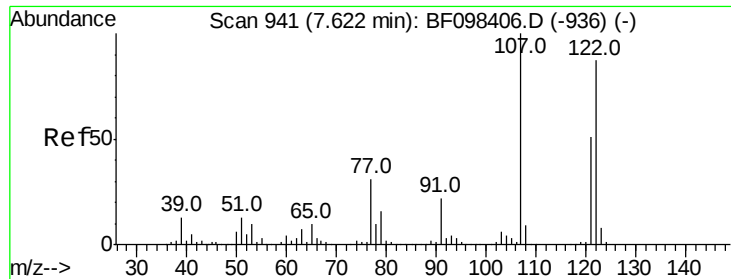
Ion Ratio Lower Upper

139 100

109 29.7 21.0 31.6

65 59.1 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 36.450 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

Instrument :

BNA_F

ClientSampled :

PB102300BS

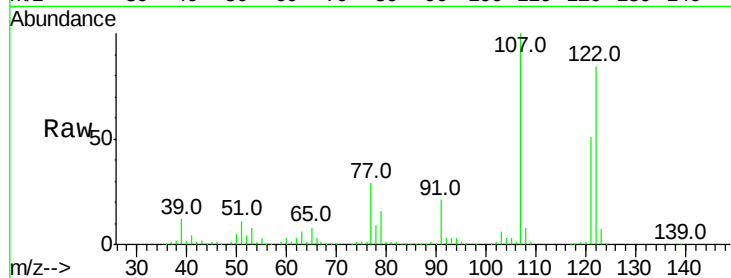
Tot Ion:122 Resp: 314906

Ion Ratio Lower Upper

122 100

107 118.3 89.2 133.8

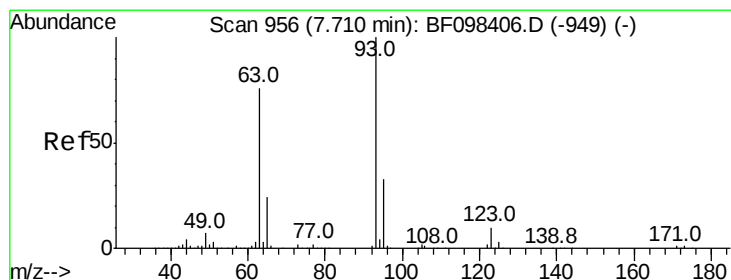
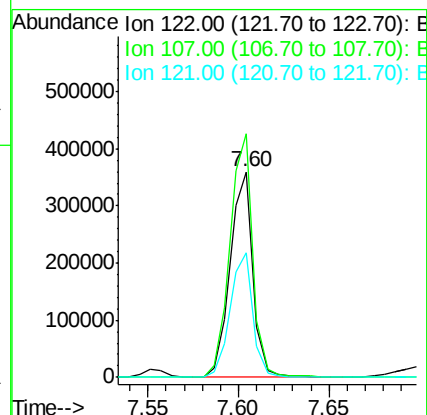
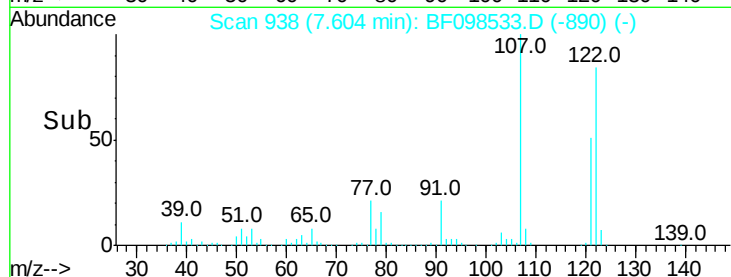
121 60.7 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.831 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

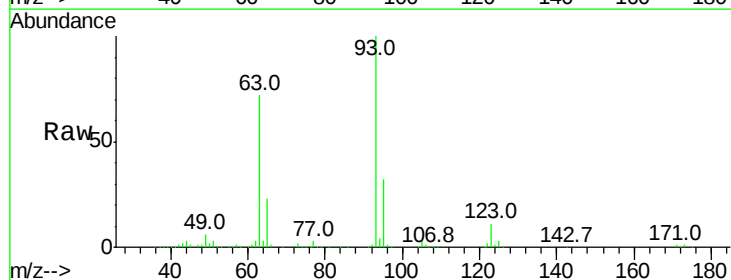
Tgt Ion: 93 Resp: 435915

Ion Ratio Lower Upper

93 100

95 32.0 26.5 39.7

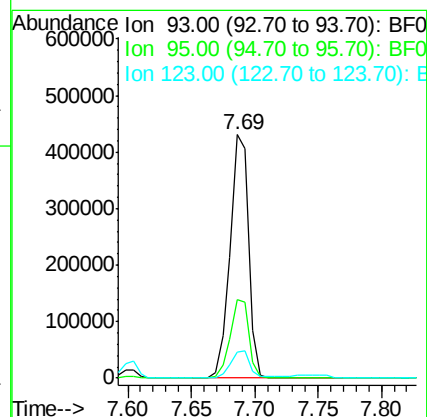
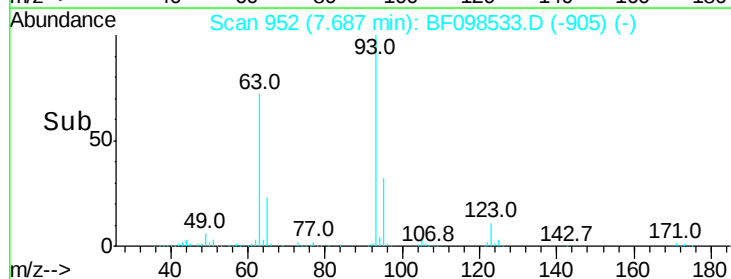
123 10.9 9.0 13.4

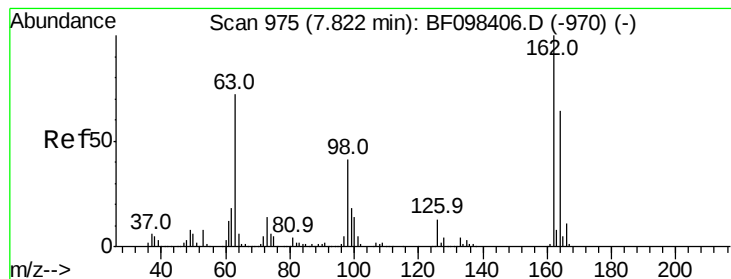


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.214 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

Instrument :

BNA_F

ClientSampleId :

PB102300BS

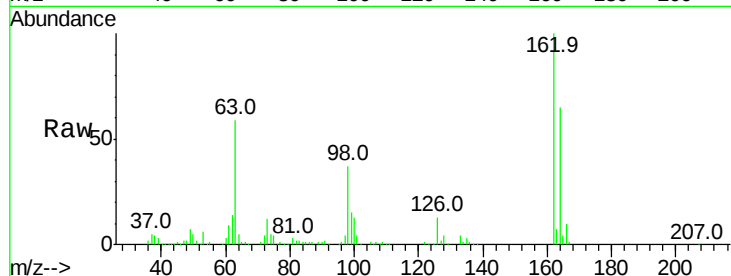
Tot Ion:162 Resp: 296134

Ion Ratio Lower Upper

162 100

164 65.4 44.6 84.6

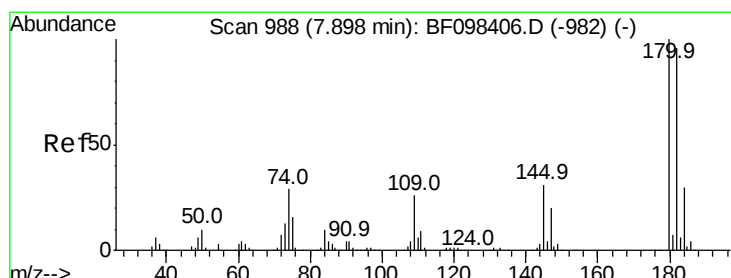
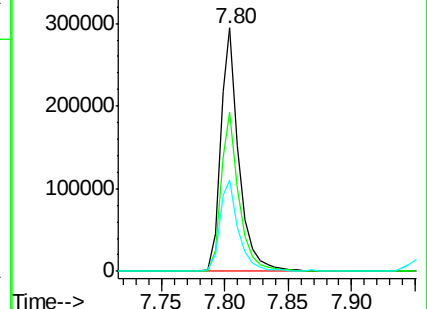
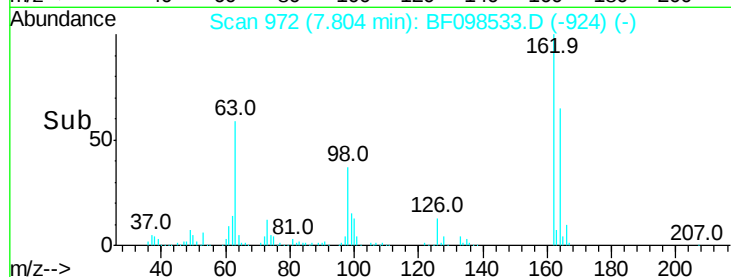
98 37.4 14.8 54.8



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): BF0



#30

1,2,4-Trichlorobenzene

Concen: 39.584 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

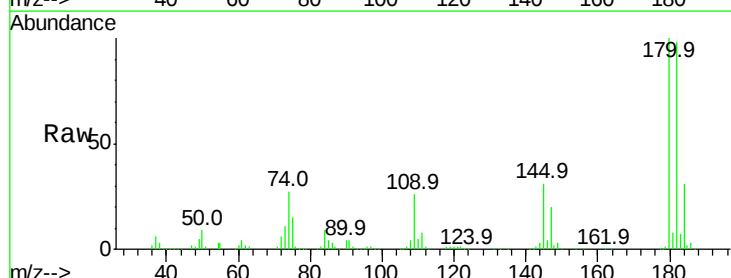
Tgt Ion:180 Resp: 309394

Ion Ratio Lower Upper

180 100

182 97.8 75.8 113.6

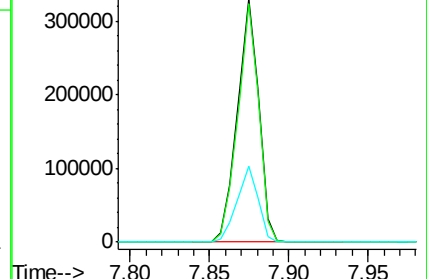
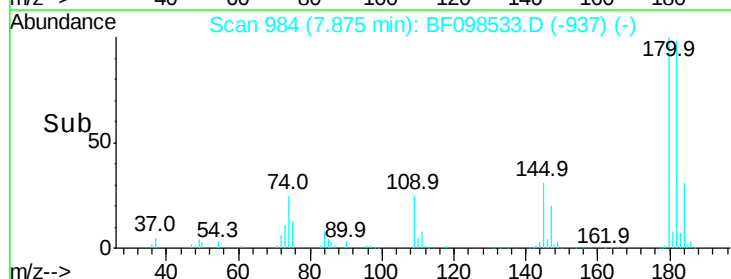
145 31.0 25.3 37.9

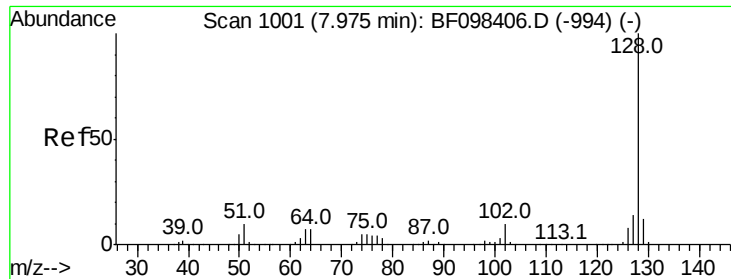


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

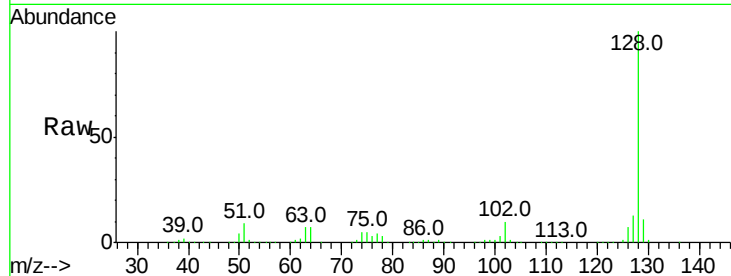




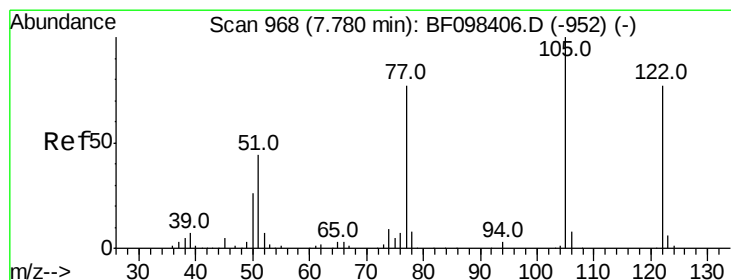
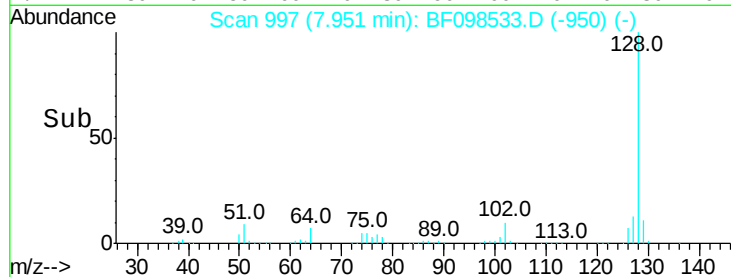
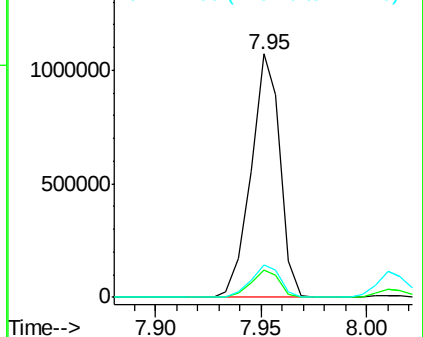
#31
Naphthalene
Concen: 37.476 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF098533.D
Acq: 14 Sep 2017 17:37

Instrument :
BNA_F
ClientSampleId :
PB102300BS

Tot Ion:128 Resp: 1017796
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.5 10.8 16.2

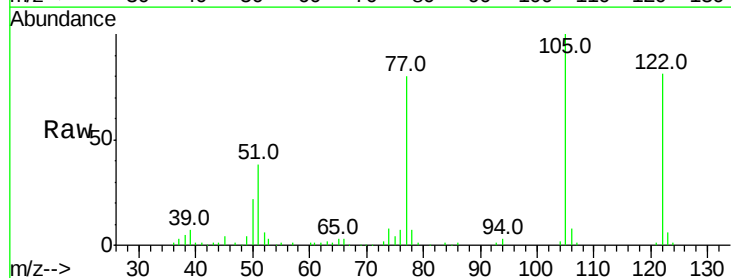


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

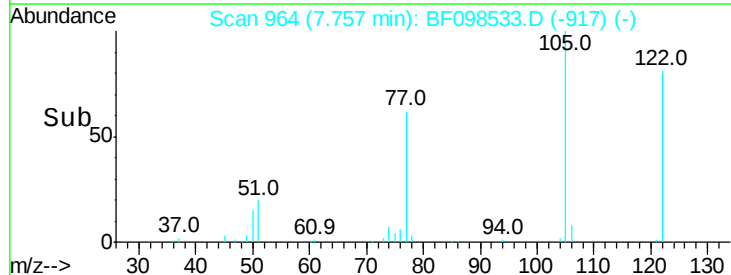
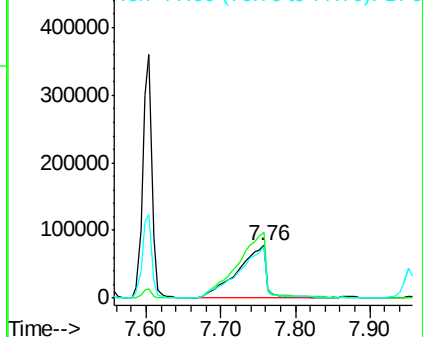


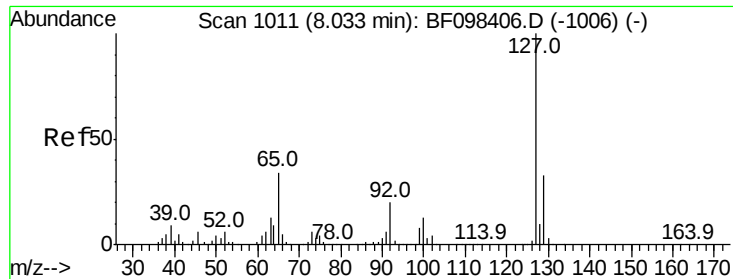
#32
Benzoic acid
Concen: 37.537 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.02 min
Lab File: BF098533.D
Acq: 14 Sep 2017 17:37

Tgt Ion:122 Resp: 205472
Ion Ratio Lower Upper
122 100
105 124.2 103.3 143.3
77 99.1 73.7 113.7



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): BF0

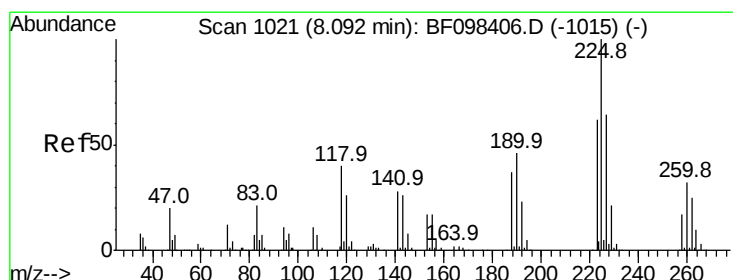
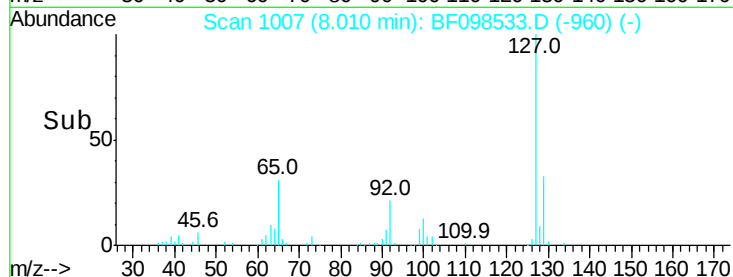
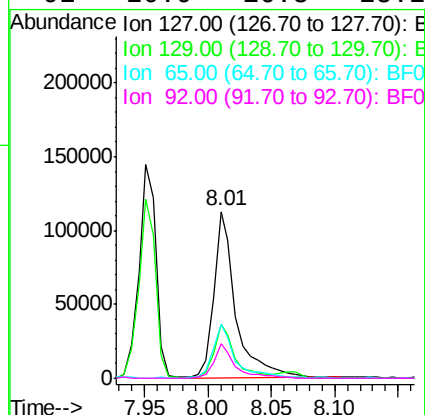
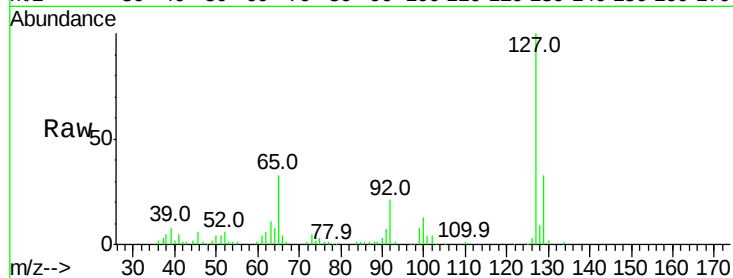




#33
4-Chloroaniline
Concen: 12.425 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BF098533.D
Acq: 14 Sep 2017 17:37

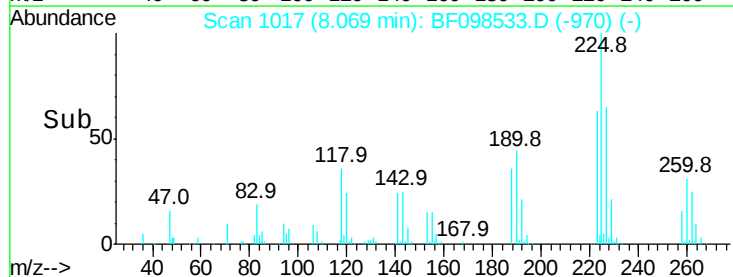
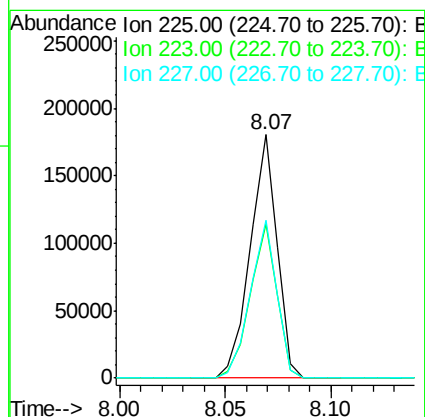
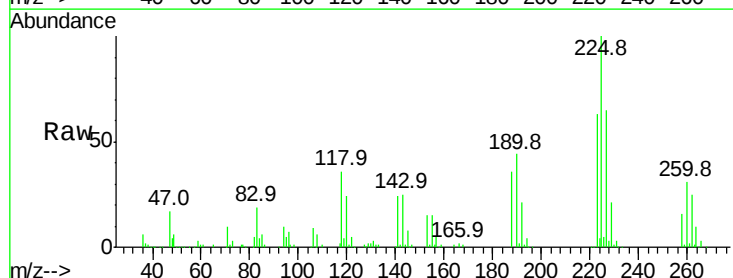
Instrument :
BNA_F
ClientSampleId :
PB102300BS

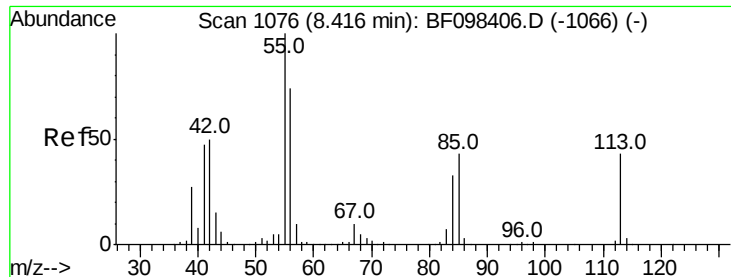
Tot Ion:	127	Resp:	137147
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	32.6	27.8	41.8
92	20.9	16.8	25.2



#34
Hexachlorobutadiene
Concen: 39.837 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF098533.D
Acq: 14 Sep 2017 17:37

Tgt Ion:	225	Resp:	159847
Ion	Ratio	Lower	Upper
225	100		
223	63.1	48.8	73.2
227	64.9	51.1	76.7





#35

Caprolactam

Concen: 21.405 ng

RT: 8.39 min Scan# 1071

Delta R.T. -0.03 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

Instrument :

BNA_F

ClientSampleId :

PB102300BS

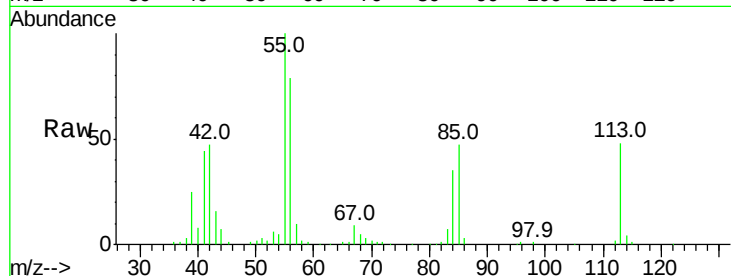
Tot Ion:113 Resp: 53035

Ion Ratio Lower Upper

113 100

55 210.0 150.2 190.2#

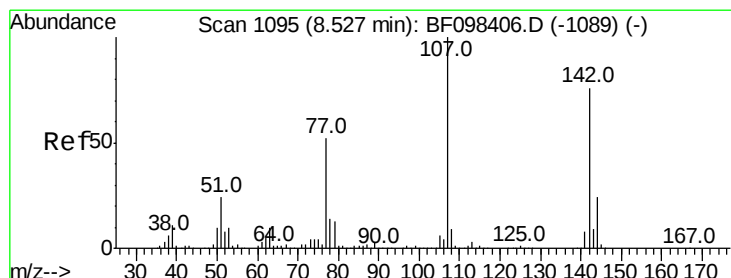
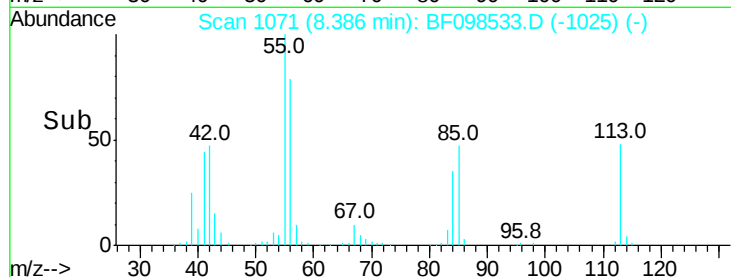
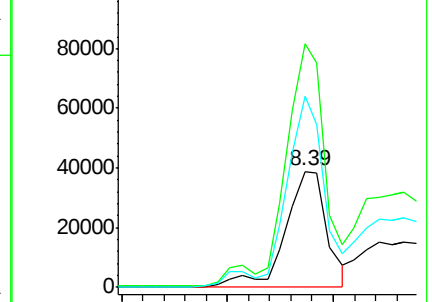
56 165.1 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.498 ng

RT: 8.51 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

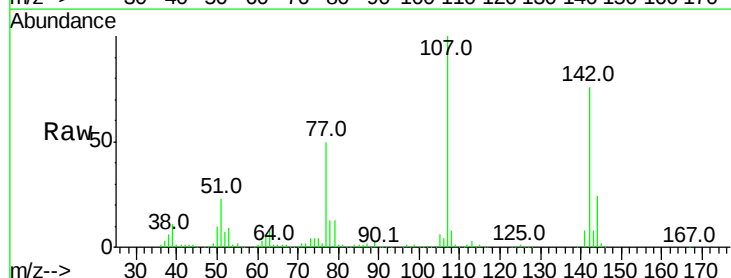
Tgt Ion:107 Resp: 334142

Ion Ratio Lower Upper

107 100

144 23.8 24.2 36.4#

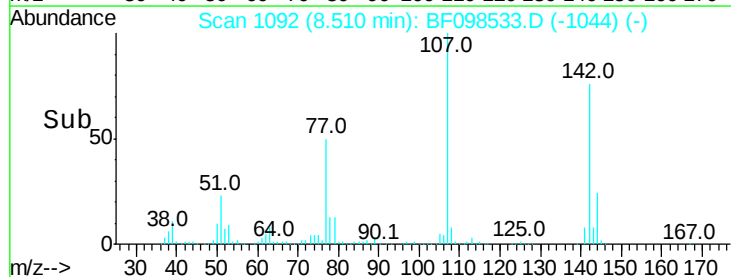
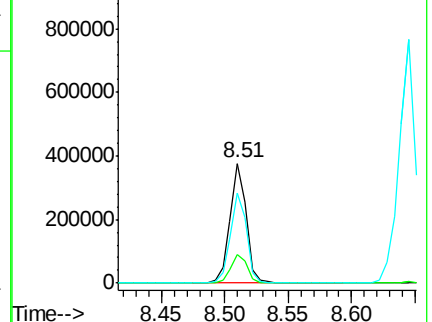
142 75.7 73.4 110.0

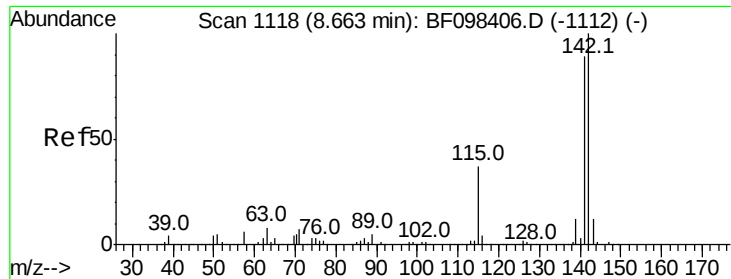


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

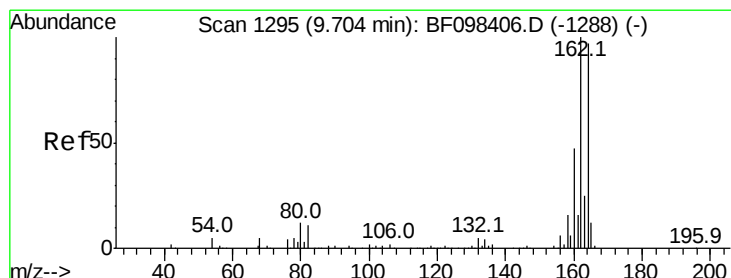
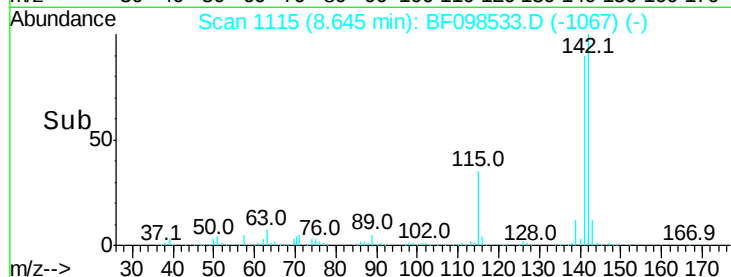
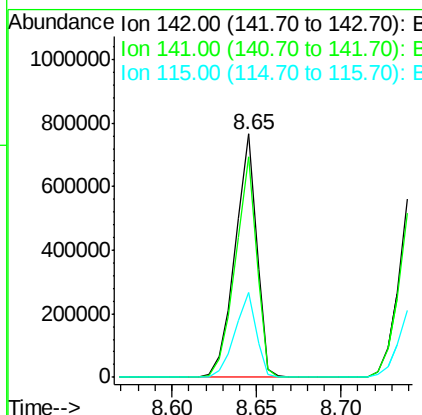
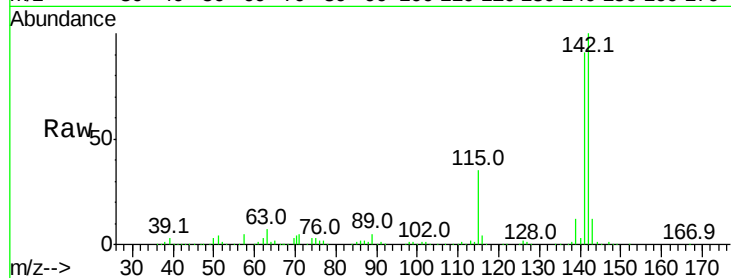




#37
 2-Methylnaphthalene
 Concen: 41.272 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.02 min
 Lab File: BF098533.D
 Acq: 14 Sep 2017 17:37

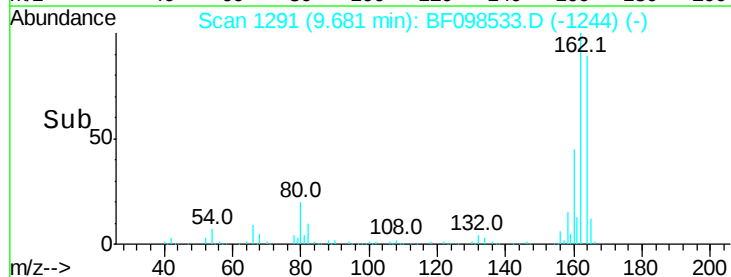
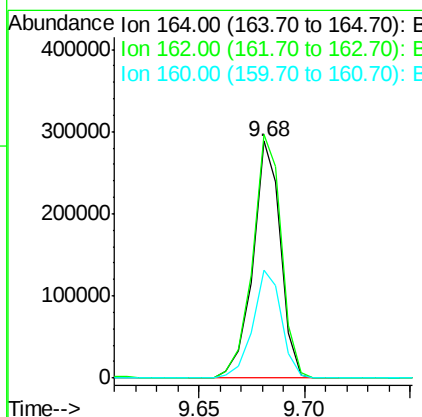
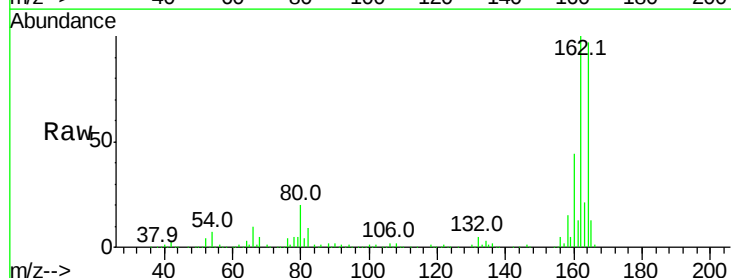
Instrument :
 BNA_F
 ClientSampleId :
 PB102300BS

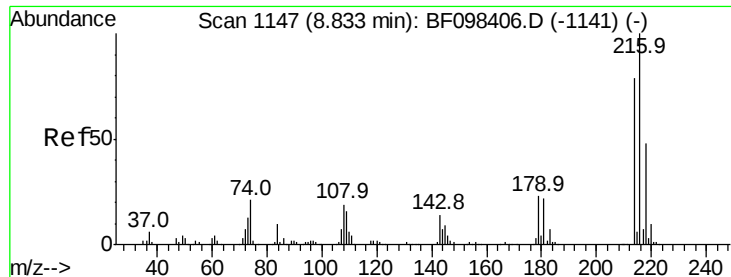
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.3	106.9
115	35.0	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.02 min
 Lab File: BF098533.D
 Acq: 14 Sep 2017 17:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	45.6	36.2	54.2

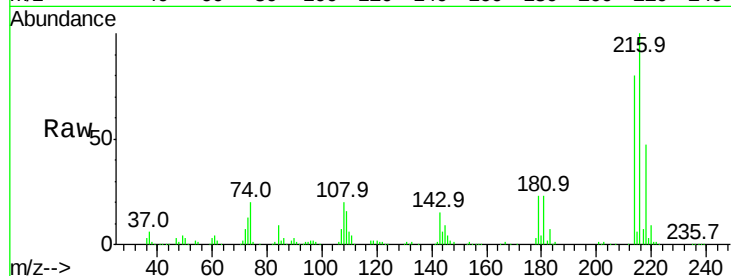




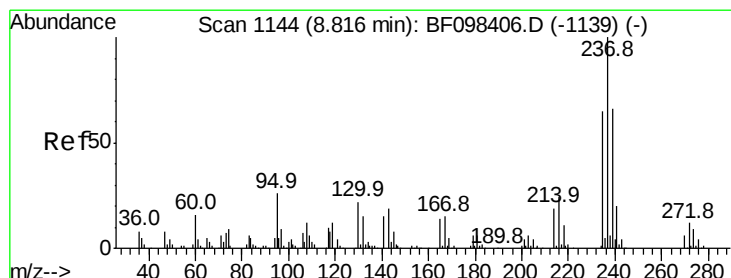
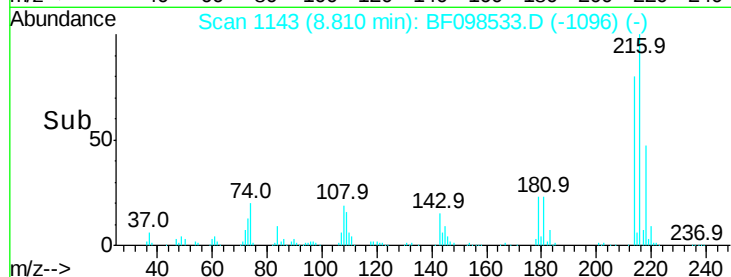
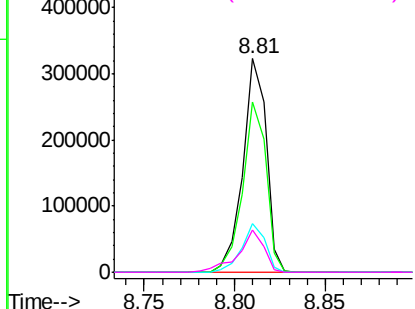
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.414 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.02 min
 Lab File: BF098533.D
 Acq: 14 Sep 2017 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PB102300BS

Tot Ion:	216	Resp:	290356
Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.4	95.2
179	22.7	17.9	26.9
108	21.4	16.5	24.7

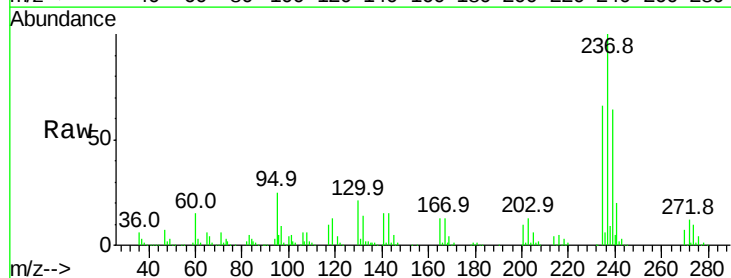


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

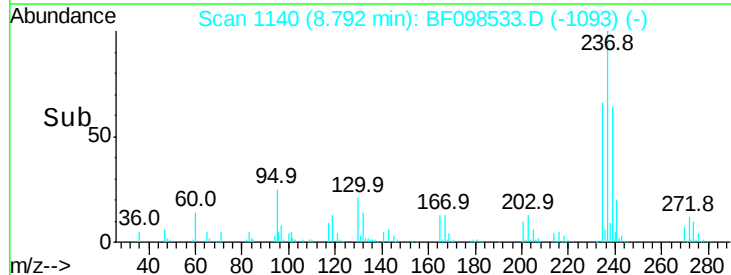
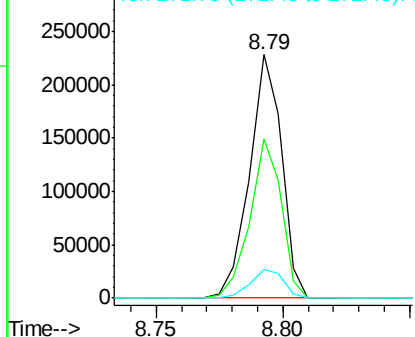


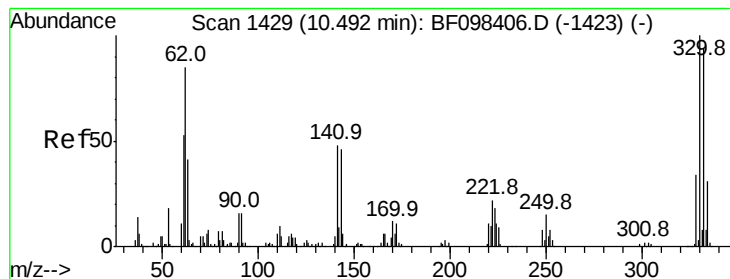
#40
 Hexachlorocyclopentadiene
 Concen: 83.619 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. -0.02 min
 Lab File: BF098533.D
 Acq: 14 Sep 2017 17:37

Tgt Ion:	237	Resp:	201990
Ion	Ratio	Lower	Upper
237	100		
235	65.6	42.6	82.6
272	11.6	0.0	31.9



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





#41

2,4,6-Tribromophenol

Concen: 150.207 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

Instrument :

BNA_F

ClientSampleId :

PB102300BS

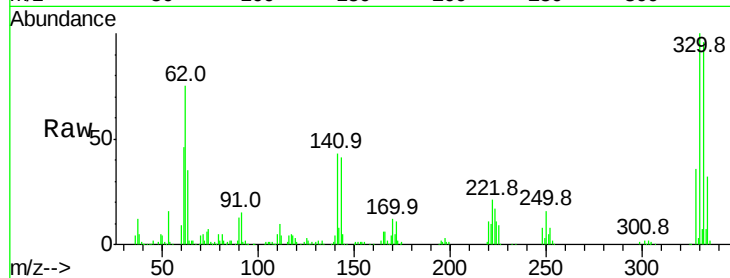
Tot Ion:330 Resp: 263874

Ion Ratio Lower Upper

330 100

332 94.9 76.6 115.0

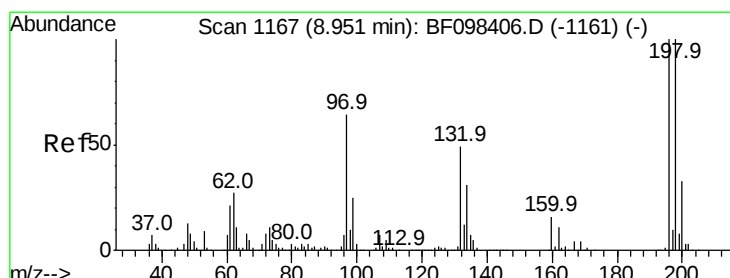
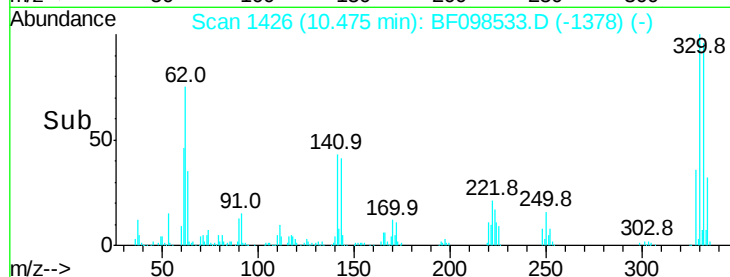
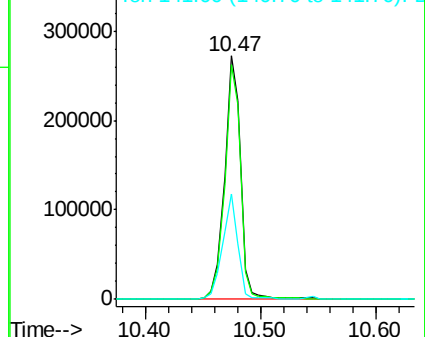
141 41.3 31.4 47.2



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: 40.363 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

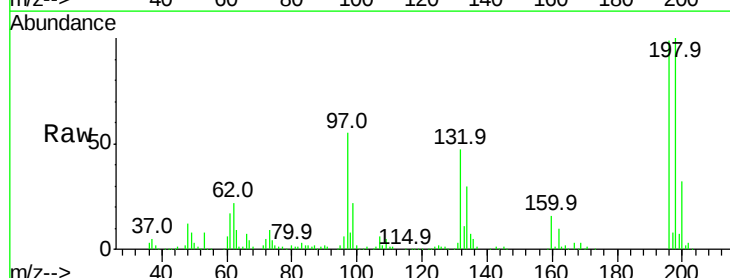
Tgt Ion:196 Resp: 194382

Ion Ratio Lower Upper

196 100

198 101.1 74.2 111.4

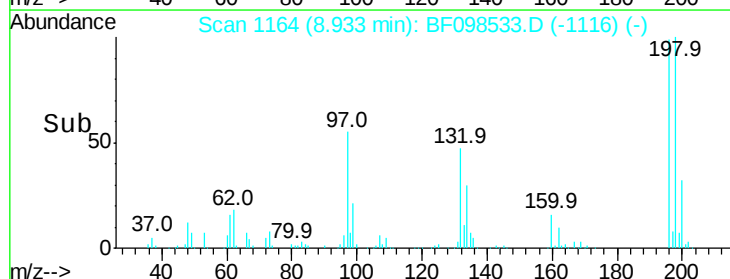
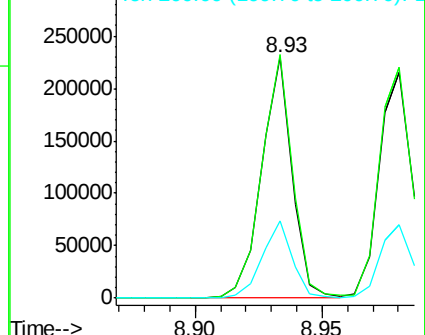
200 32.2 24.0 36.0

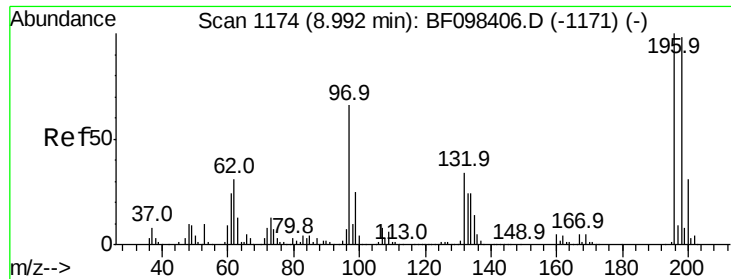


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

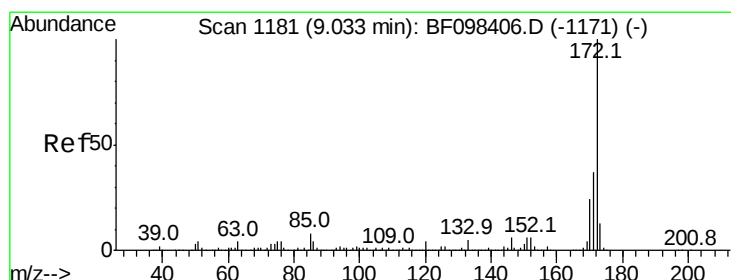
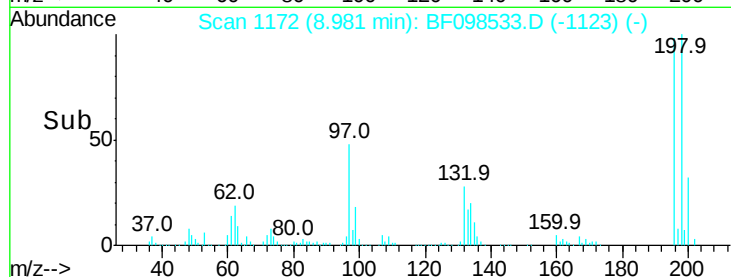
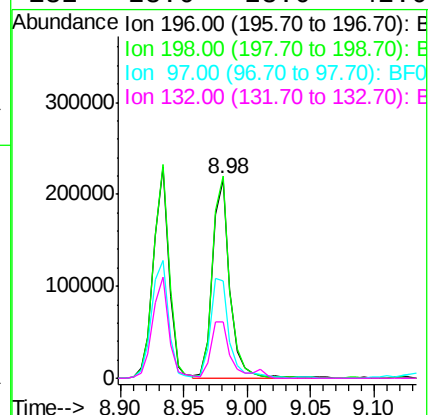
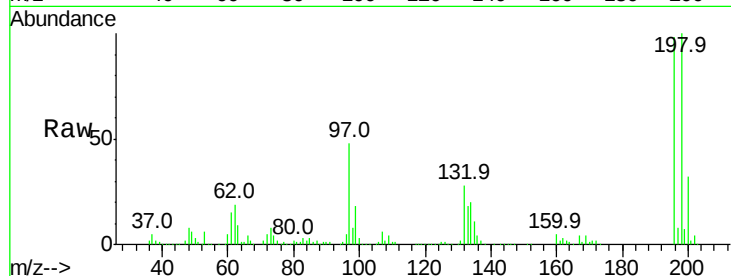




#43
 2,4,5-Trichlorophenol
 Concen: 41.234 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF098533.D
 Acq: 14 Sep 2017 17:37

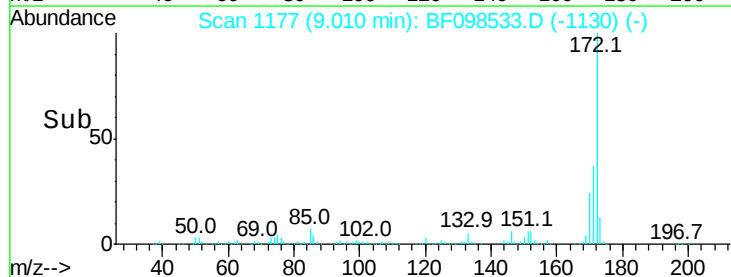
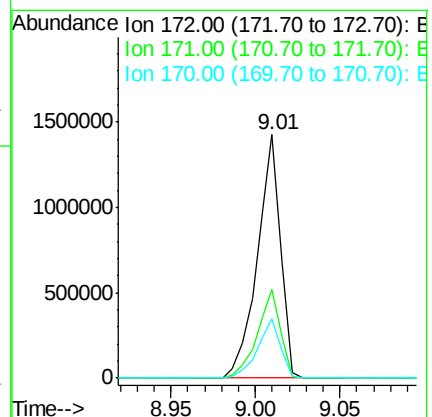
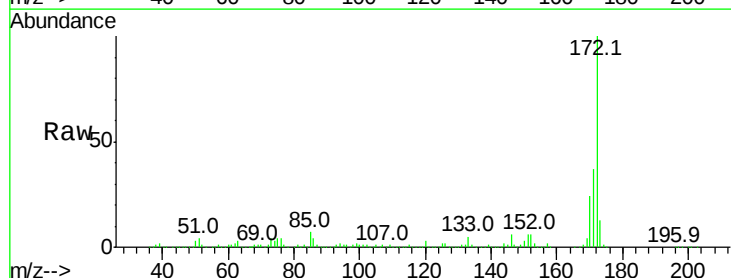
Instrument :
 BNA_F
 ClientSampleId :
 PB102300BS

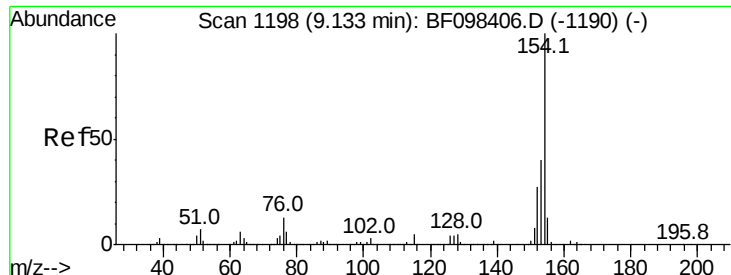
Tot Ion:196 Resp: 207558
 Ion Ratio Lower Upper
 196 100
 198 101.8 75.7 113.5
 97 48.9 47.7 71.5
 132 28.6 28.0 42.0



#44
 2-Fluorobiphenyl
 Concen: 87.939 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF098533.D
 Acq: 14 Sep 2017 17:37

Tgt Ion:172 Resp: 1365656
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.4 19.8 29.8

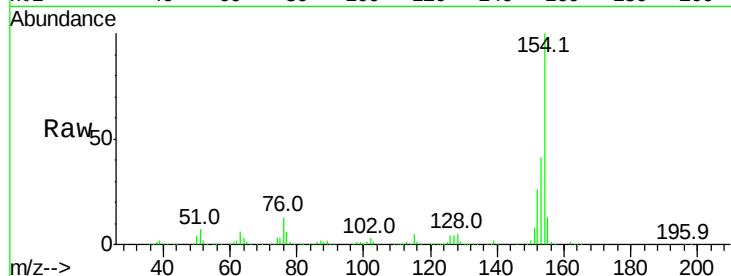




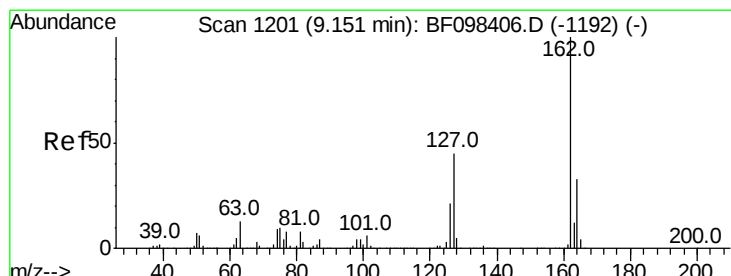
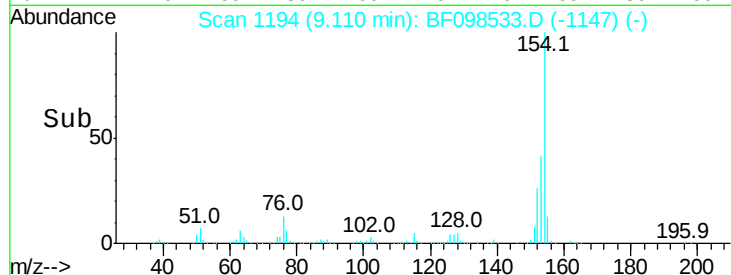
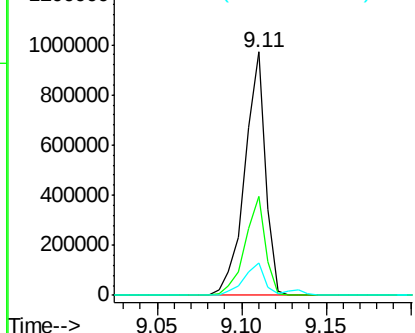
#45
 1,1'-Biphenyl
 Concen: 35.289 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.02 min
 Lab File: BF098533.D
 Acq: 14 Sep 2017 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PB102300BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.2	61.2
76	13.1	0.0	29.9

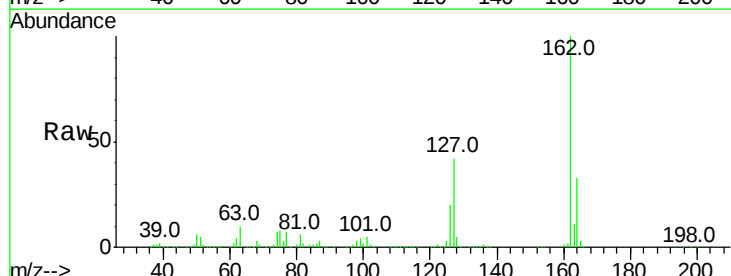


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

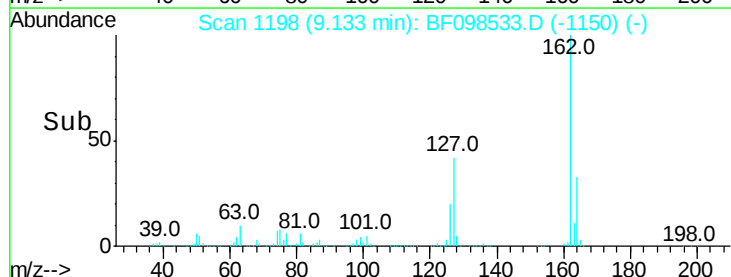
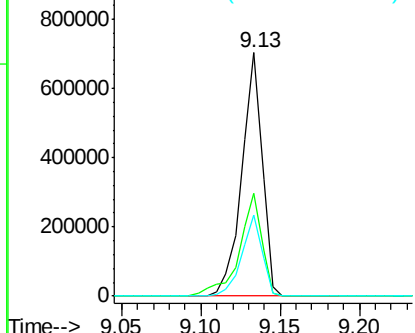


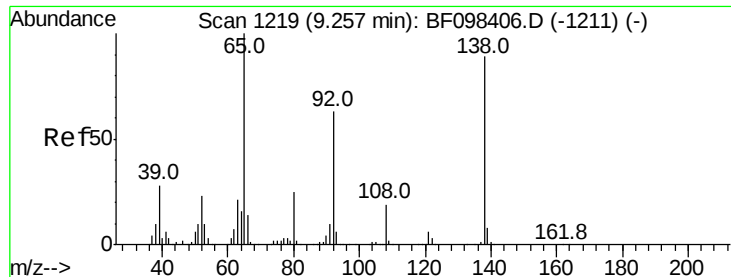
#46
 2-Chloronaphthalene
 Concen: 37.297 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF098533.D
 Acq: 14 Sep 2017 17:37

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.3	28.3	42.5
164	33.2	27.0	40.4



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: 35.325 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

Instrument :

BNA_F

ClientSampleId :

PB102300BS

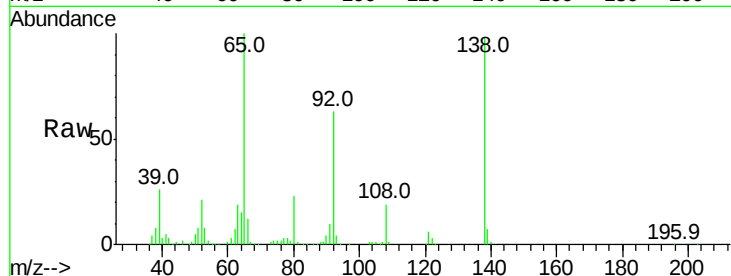
Tot Ion: 65 Resp: 228126

Ion Ratio Lower Upper

65 100

92 63.4 53.9 80.9

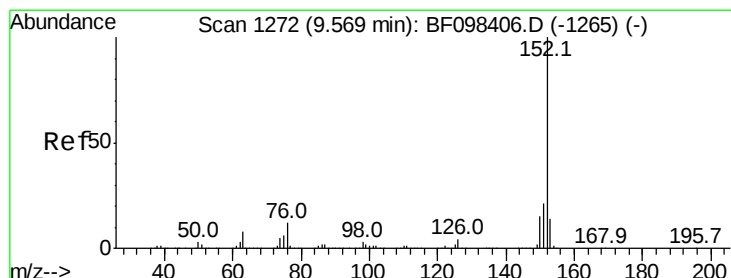
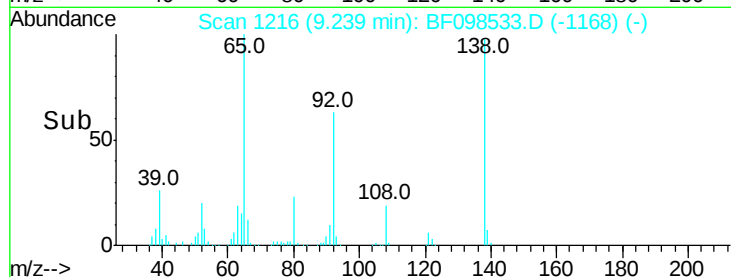
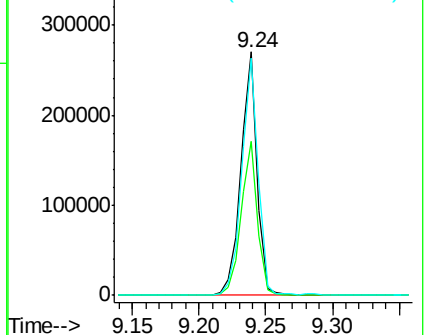
138 97.6 78.8 118.2



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 37.187 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

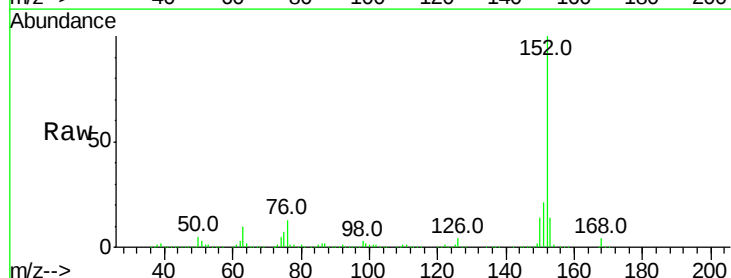
Tgt Ion: 152 Resp: 930313

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

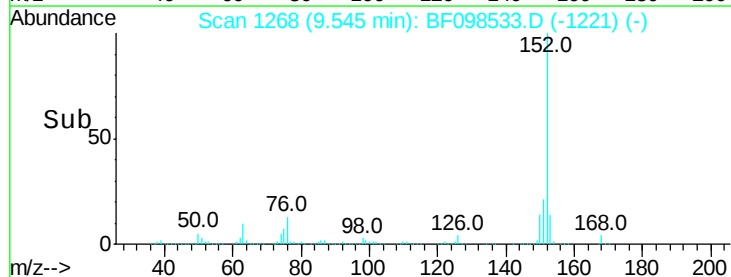
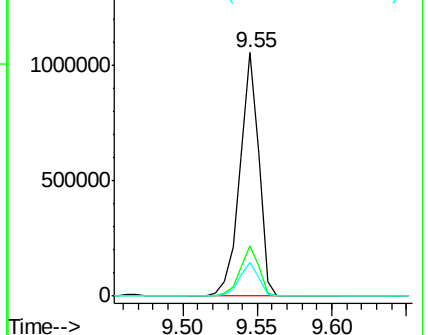
153 13.7 10.8 16.2

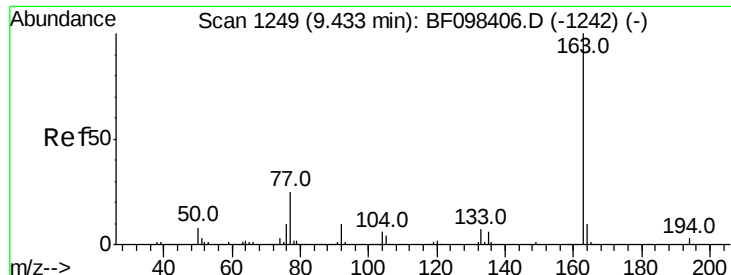


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

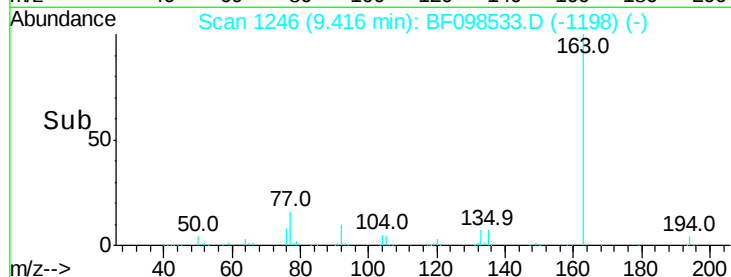
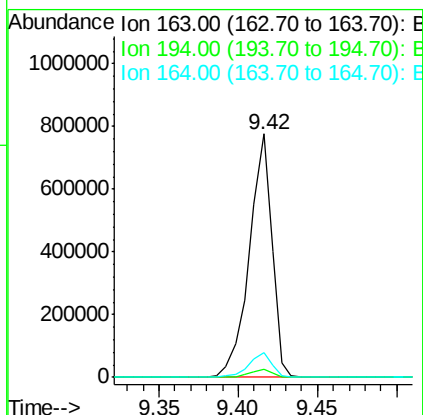
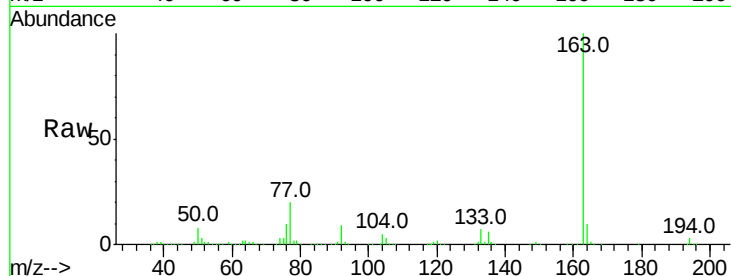




#49
Dimethylphthalate
Concen: 37.753 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF098533.D
Acq: 14 Sep 2017 17:37

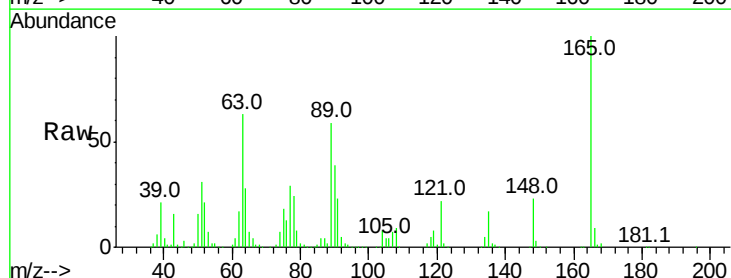
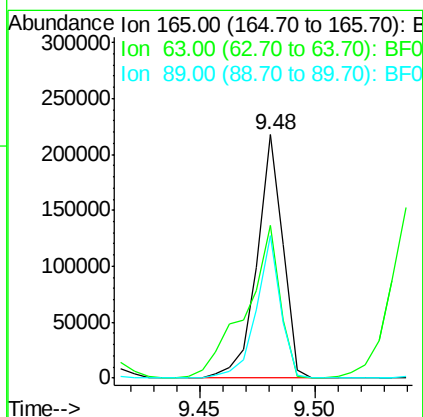
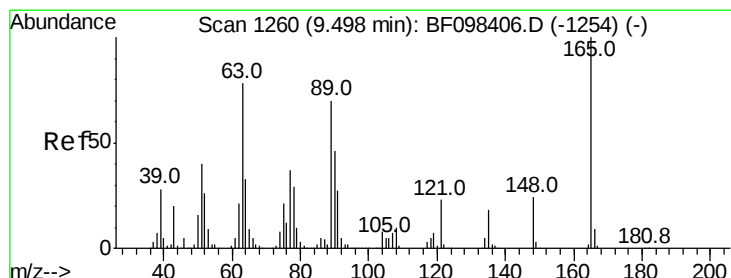
Instrument :
BNA_F
ClientSampleId :
PB102300BS

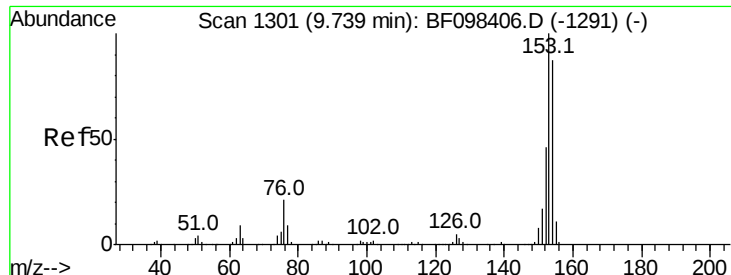
Tot Ion:163 Resp: 769205
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.3 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 40.718 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF098533.D
Acq: 14 Sep 2017 17:37

Tgt Ion:165 Resp: 170413
Ion Ratio Lower Upper
165 100
63 62.6 34.3 51.5#
89 58.6 37.1 55.7#





#51

Acenaphthene

Concen: 36.906 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

Instrument :

BNA_F

ClientSampleId :

PB102300BS

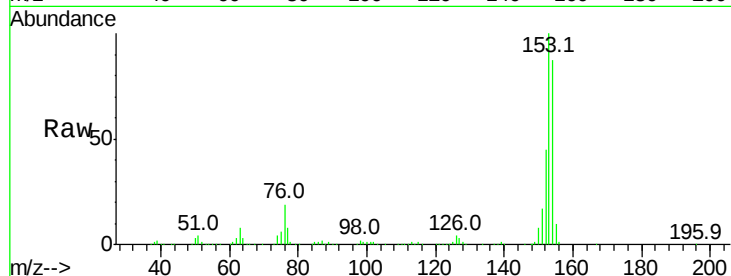
Tot Ion:154 Resp: 586882

Ion Ratio Lower Upper

154 100

153 114.9 90.5 135.7

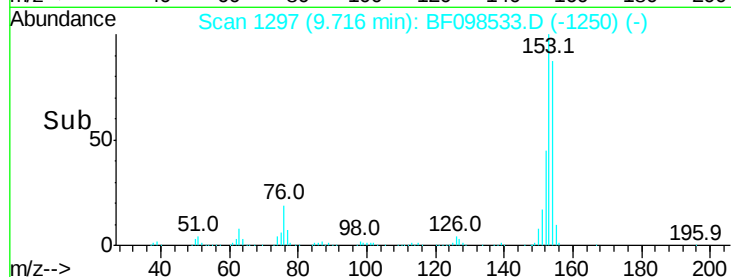
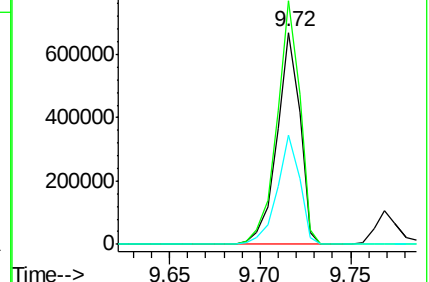
152 51.8 43.6 65.4



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: 20.896 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

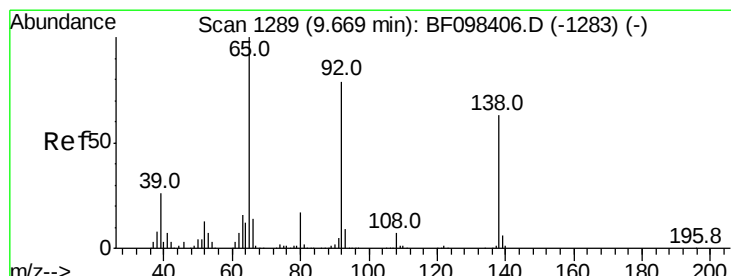
Tgt Ion:138 Resp: 105569

Ion Ratio Lower Upper

138 100

108 10.0 9.1 13.7

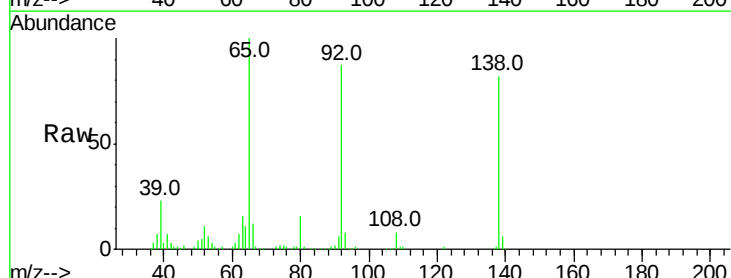
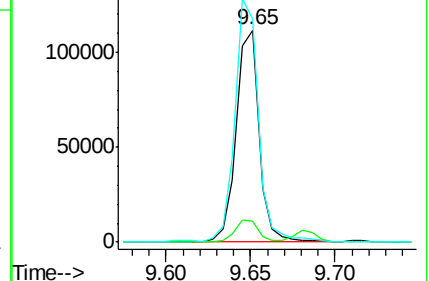
92 105.3 93.8 140.6

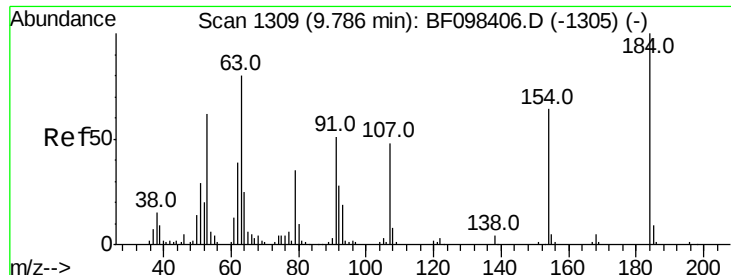


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

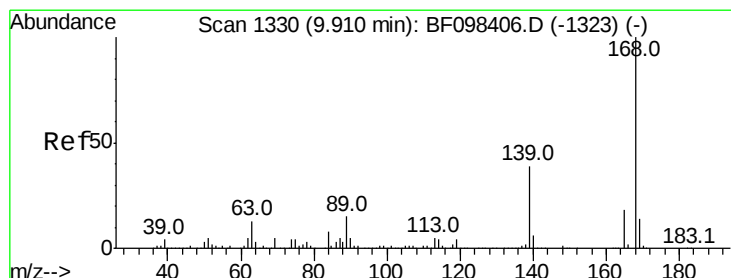
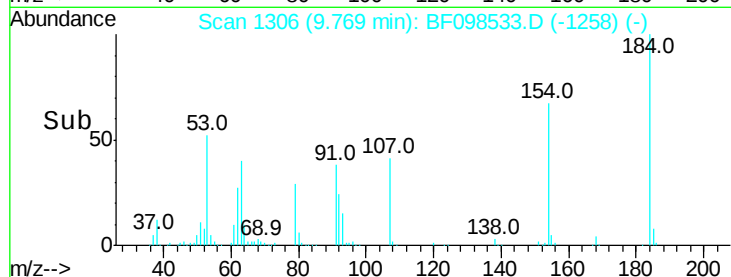
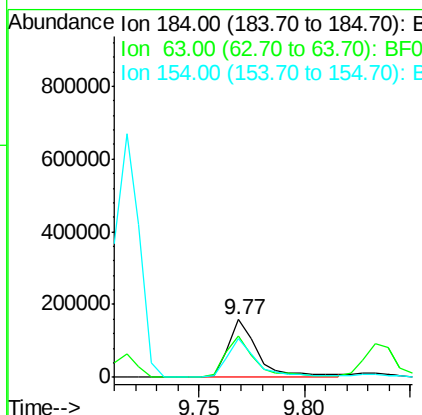
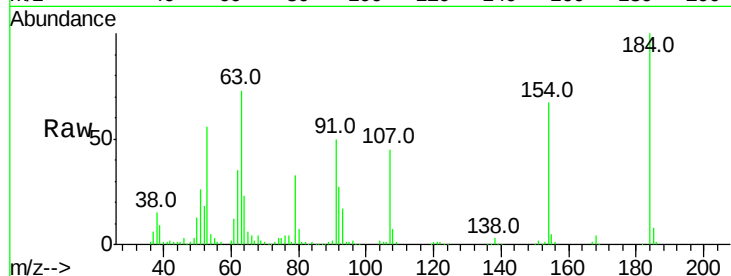




#53
 2,4-Dinitrophenol
 Concen: 79.202 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF098533.D
 Acq: 14 Sep 2017 17:37

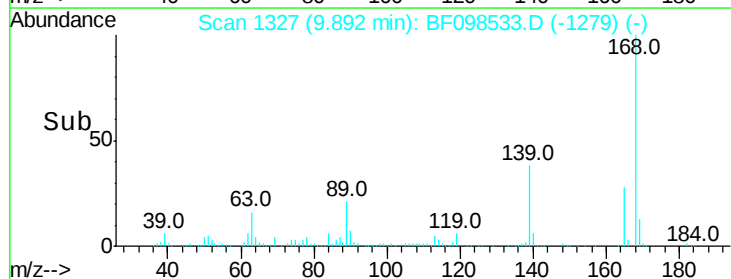
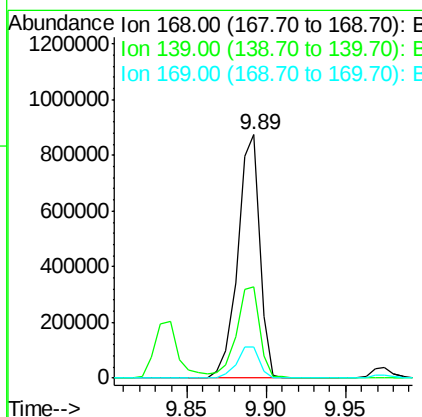
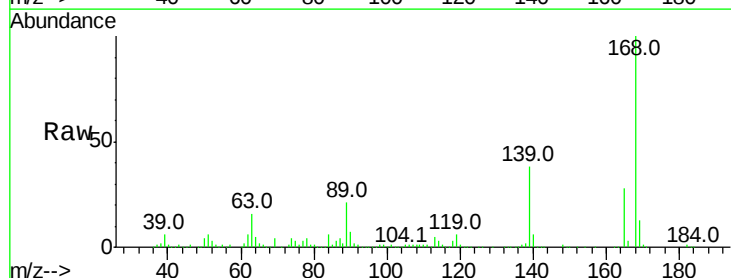
Instrument :
 BNA_F
 ClientSampleId :
 PB102300BS

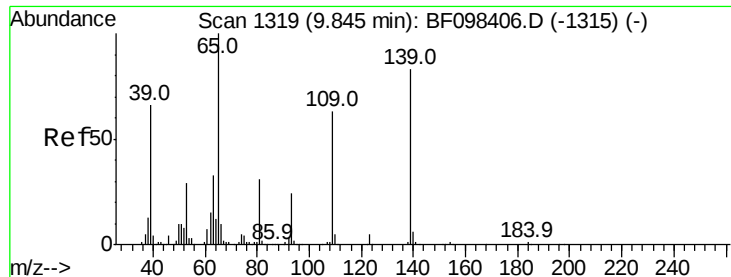
Tot Ion:184 Resp: 156502
 Ion Ratio Lower Upper
 184 100
 63 72.7 62.7 94.1
 154 66.6 81.1 121.7#



#54
 Dibenzofuran
 Concen: 40.020 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.02 min
 Lab File: BF098533.D
 Acq: 14 Sep 2017 17:37

Tgt Ion:168 Resp: 838398
 Ion Ratio Lower Upper
 168 100
 139 37.6 30.6 45.8
 169 13.0 10.8 16.2

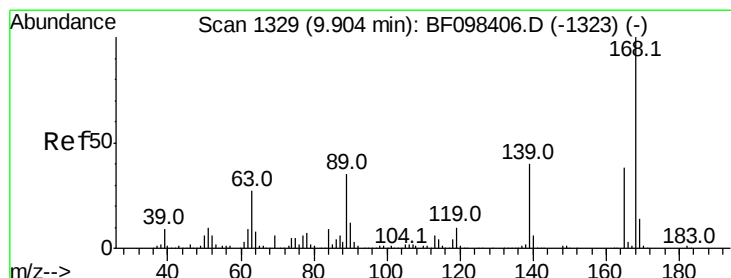
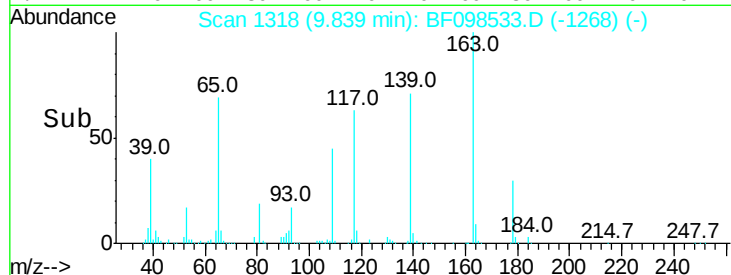
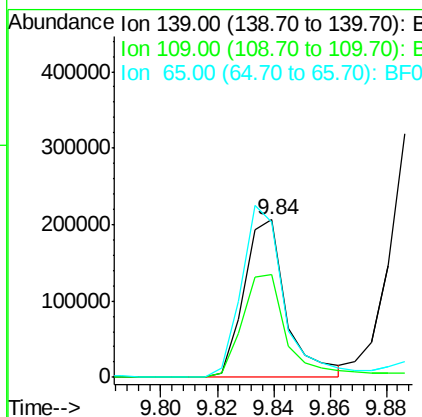
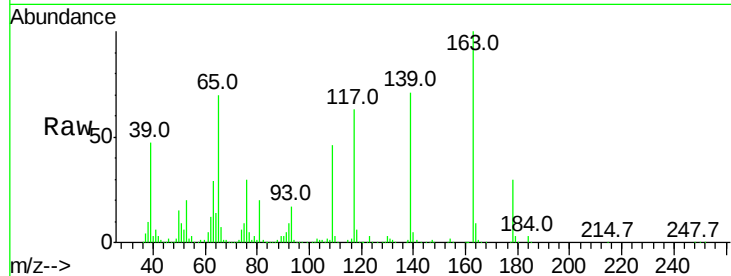




#55
4-Nitrophenol
Concen: 74.155 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF098533.D
Acq: 14 Sep 2017 17:37

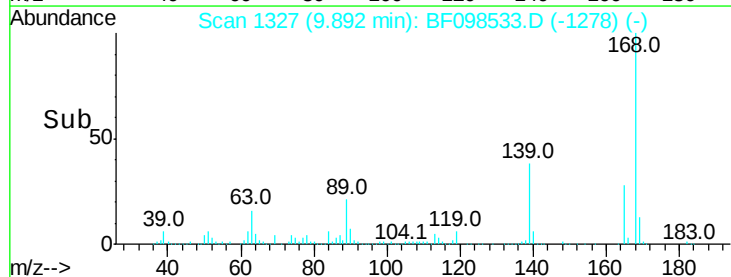
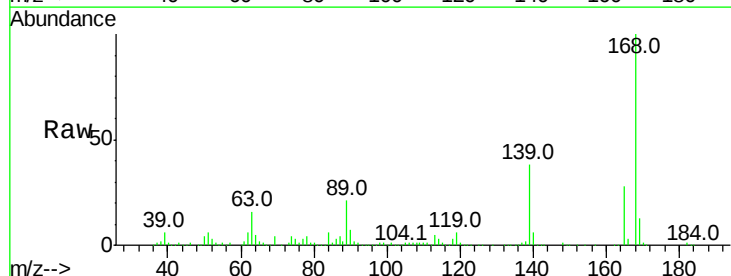
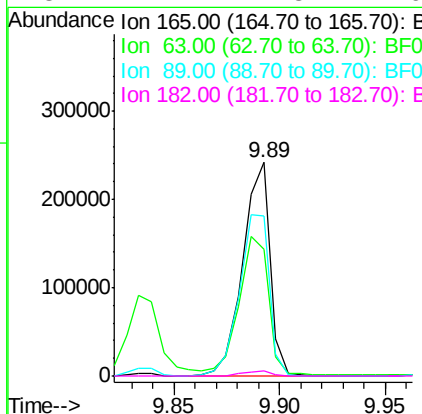
Instrument :
BNA_F
ClientSampleId :
PB102300BS

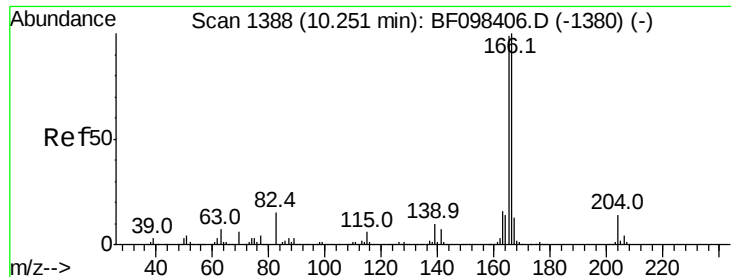
Tot Ion	Ratio	Lower	Upper
139	100		
109	65.5	34.1	74.1
65	98.6	31.4	71.4



#56
2,4-Dinitrotoluene
Concen: 42.651 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF098533.D
Acq: 14 Sep 2017 17:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.4	25.4	38.0
89	75.2	46.4	69.6
182	2.4	1.8	2.6





#57

Fluorene

Concen: 38.851 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

Instrument :

BNA_F

ClientSampleId :

PB102300BS

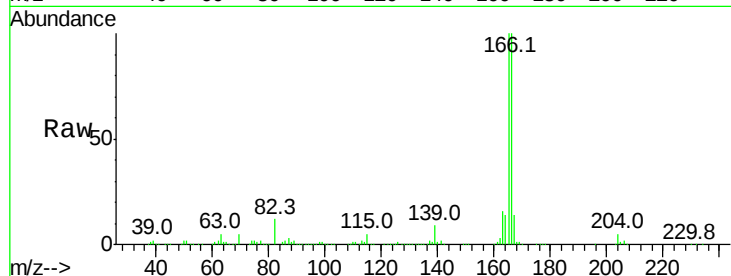
Tot Ion:166 Resp: 673683

Ion Ratio Lower Upper

166 100

165 99.6 78.8 118.2

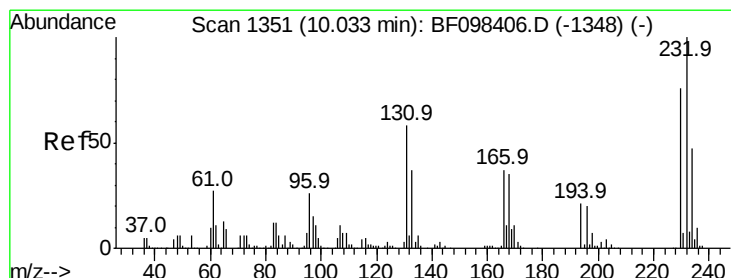
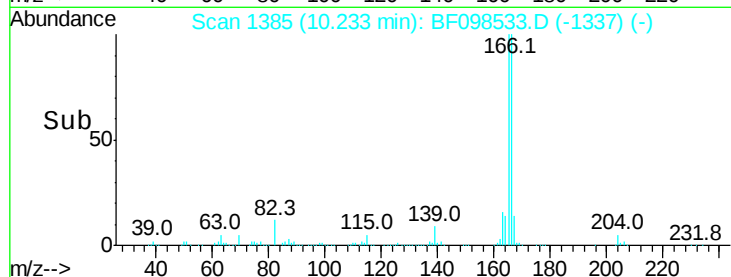
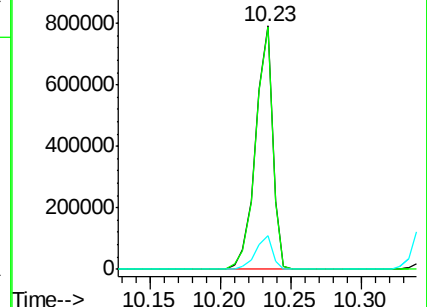
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.663 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

Tgt Ion:232 Resp: 157856

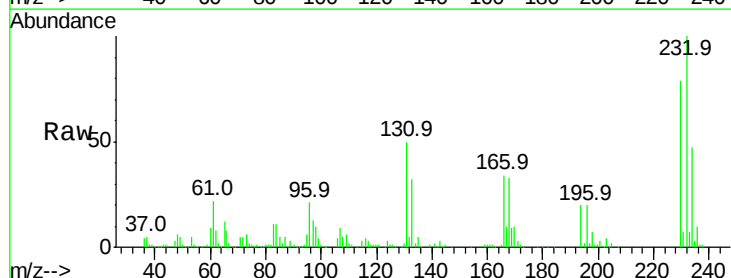
Ion Ratio Lower Upper

232 100

131 53.1 44.8 67.2

130 2.5 2.3 3.5

166 34.0 29.0 43.4

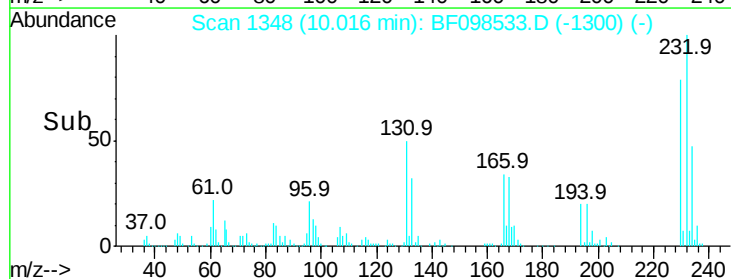
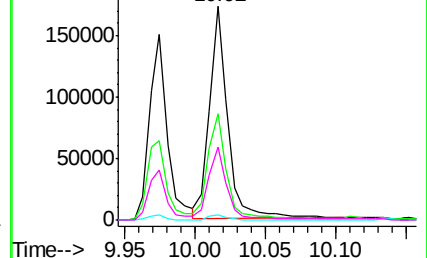


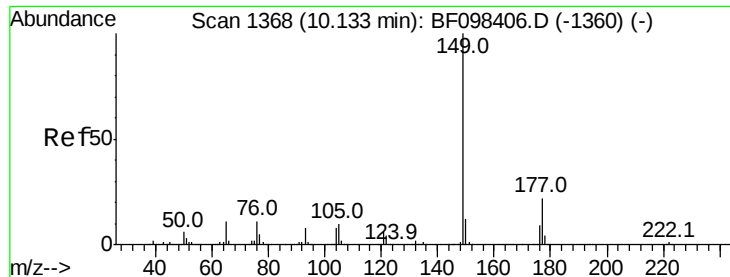
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

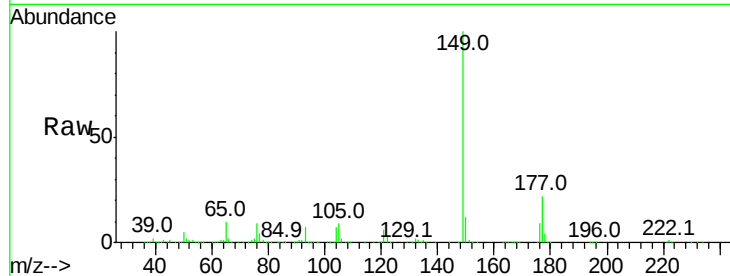




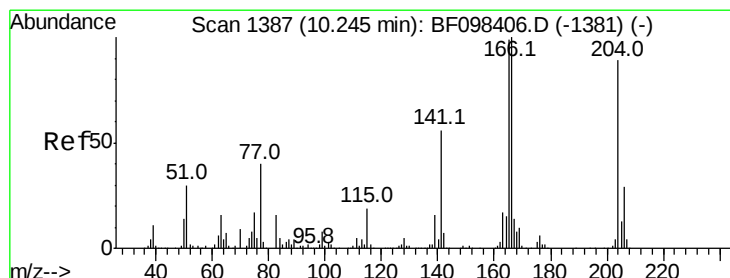
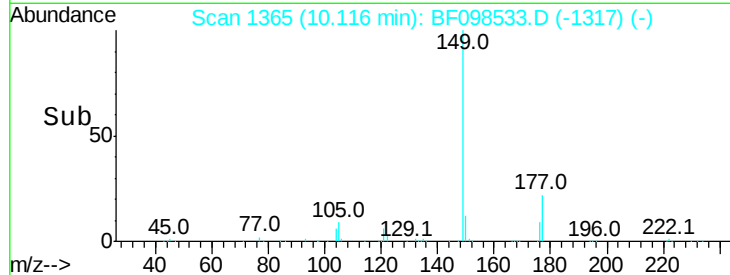
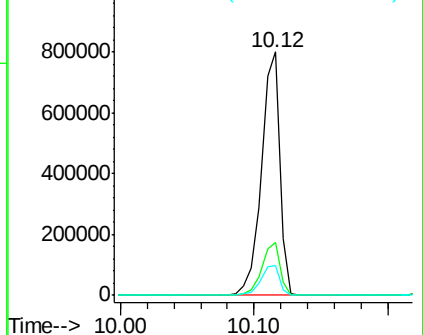
#59
Diethylphthalate
Concen: 38.829 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BF098533.D
Acq: 14 Sep 2017 17:37

Instrument :
BNA_F
ClientSampleId :
PB102300BS

Tot Ion:149 Resp: 752401
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 12.4 10.2 15.2

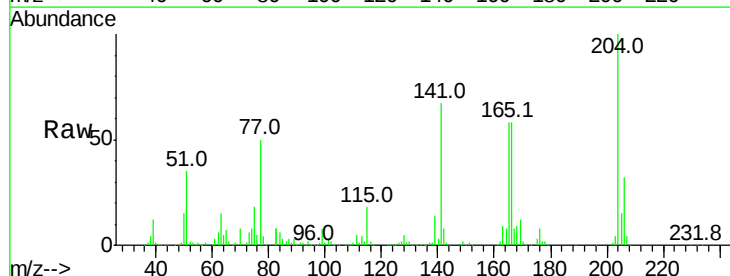


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

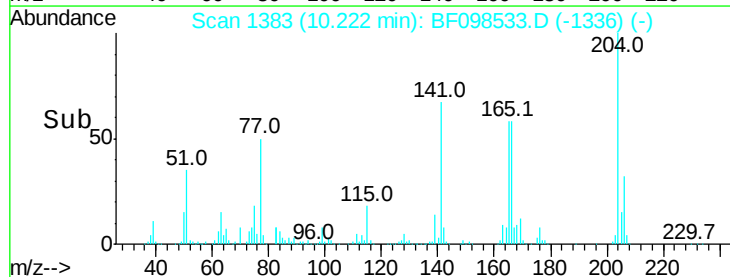
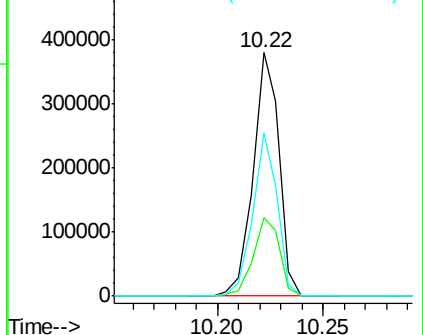


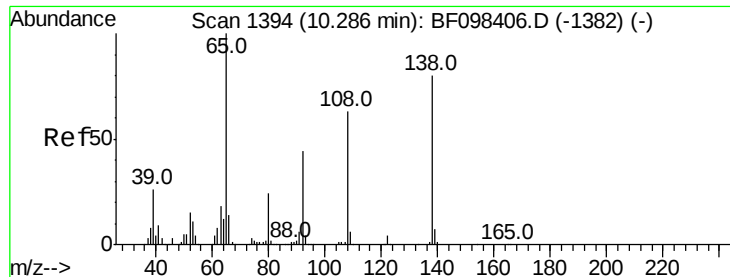
#60
4-Chlorophenyl-phenylether
Concen: 40.331 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.02 min
Lab File: BF098533.D
Acq: 14 Sep 2017 17:37

Tgt Ion:204 Resp: 323022
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 66.7 60.8 91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

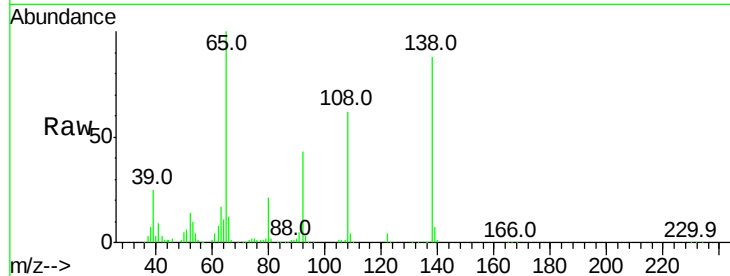




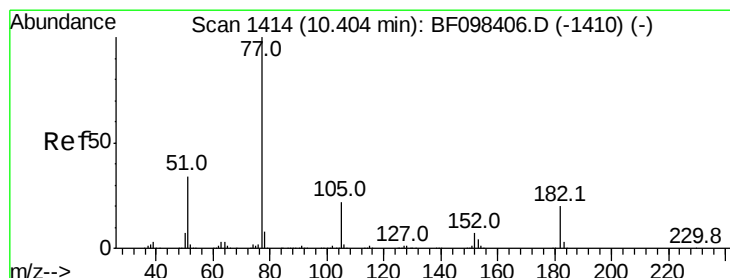
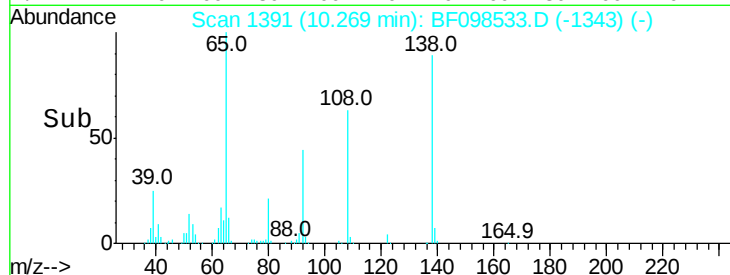
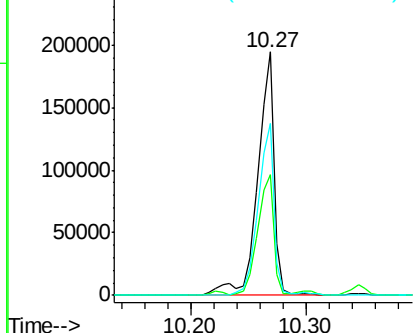
#61
4-Nitroaniline
Concen: 38.128 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BF098533.D
Acq: 14 Sep 2017 17:37

Instrument :
BNA_F
ClientSampleId :
PB102300BS

Tot Ion:138 Resp: 194532
Ion Ratio Lower Upper
138 100
92 49.5 21.8 61.8
108 70.8 42.3 82.3

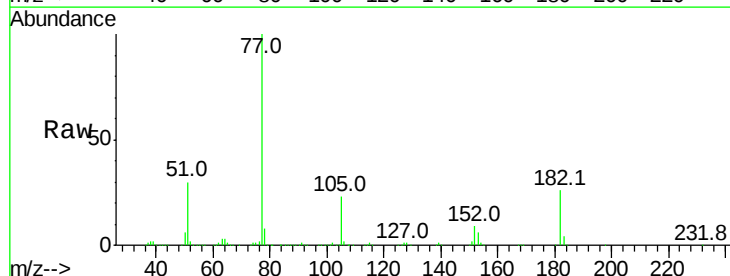


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

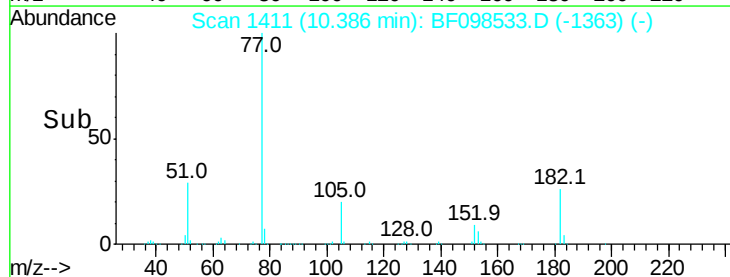
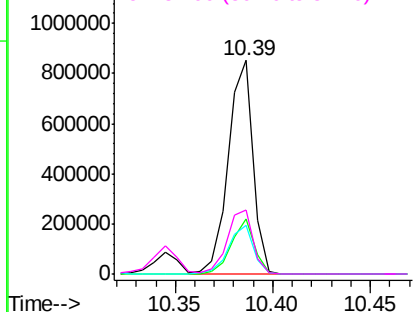


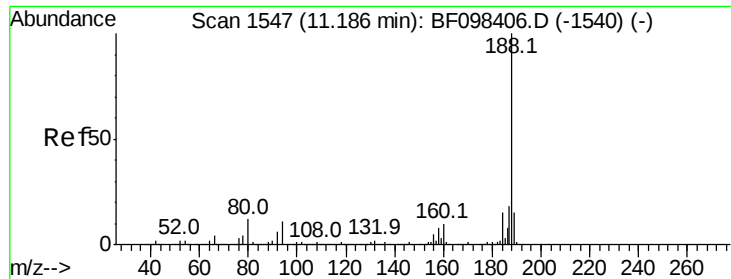
#62
Azobenzene
Concen: 35.883 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BF098533.D
Acq: 14 Sep 2017 17:37

Tgt Ion: 77 Resp: 749401
Ion Ratio Lower Upper
77 100
182 25.6 0.1 40.1
105 23.0 3.6 43.6
51 29.9 9.4 49.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

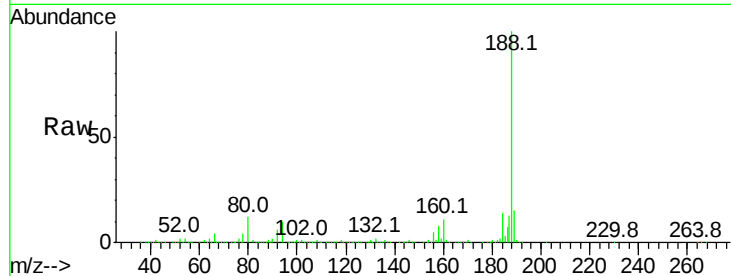




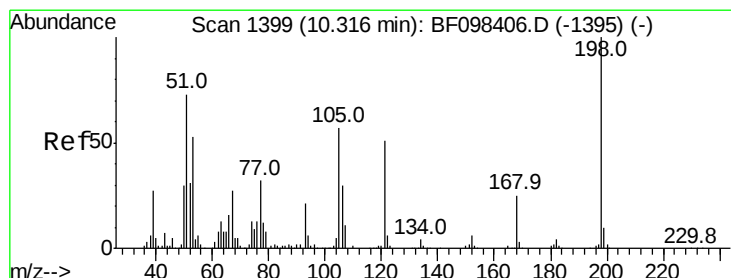
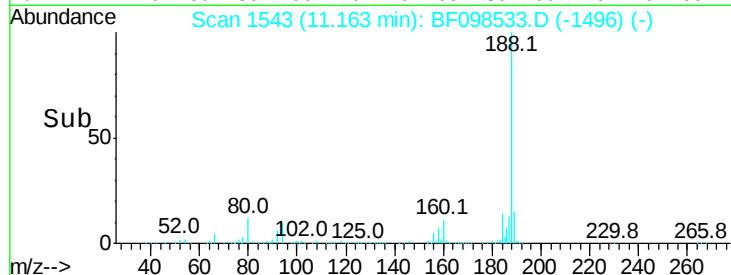
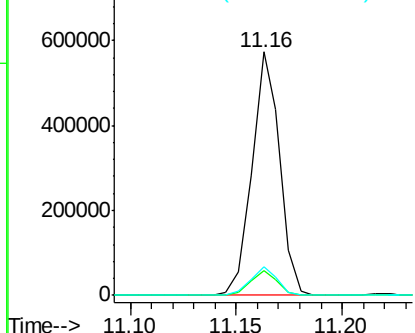
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.02 min
Lab File: BF098533.D
Acq: 14 Sep 2017 17:37

Instrument :
BNA_F
ClientSampleId :
PB102300BS

Tot Ion:188 Resp: 521392
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 11.9 10.2 15.2

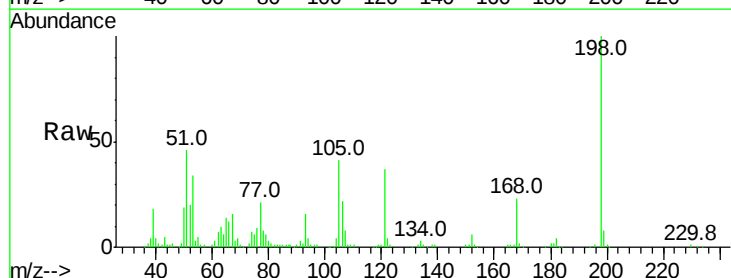


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

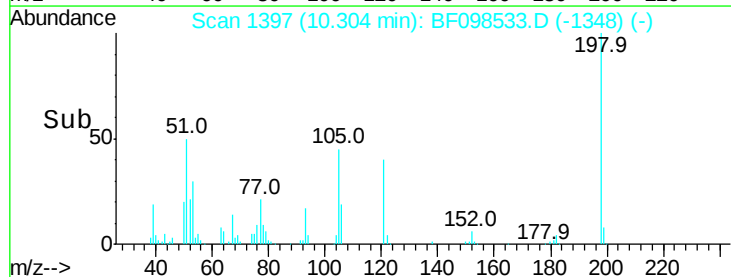
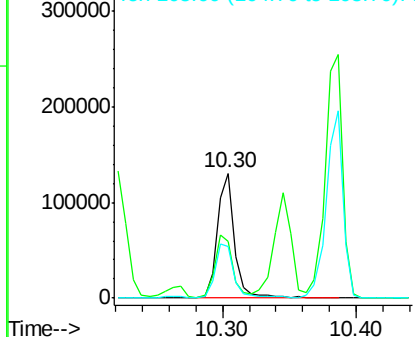


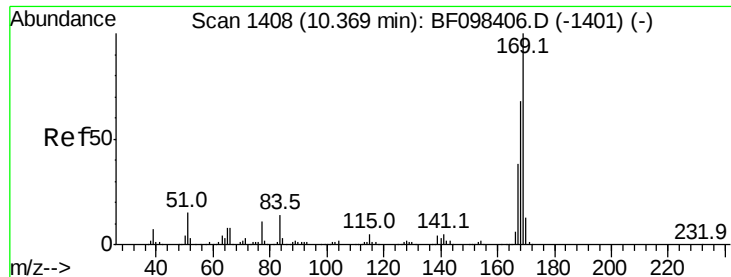
#64
4,6-Dinitro-2-methylphenol
Concen: 38.460 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF098533.D
Acq: 14 Sep 2017 17:37

Tgt Ion:198 Resp: 119474
Ion Ratio Lower Upper
198 100
51 45.7 53.2 93.2#
105 41.4 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.770 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

Instrument :

BNA_F

ClientSampleId :

PB102300BS

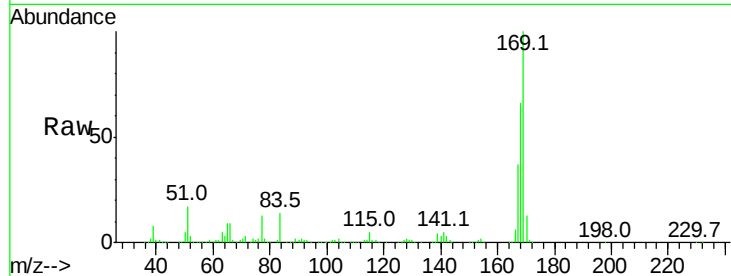
Tot Ion:169 Resp: 622514

Ion Ratio Lower Upper

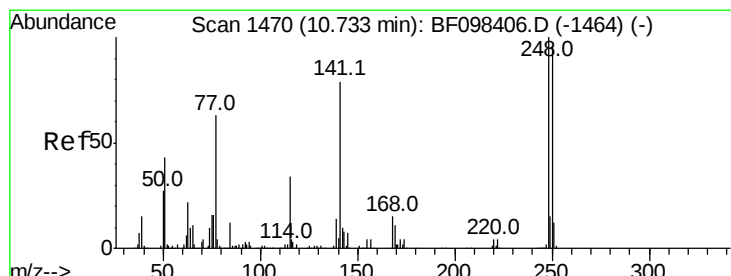
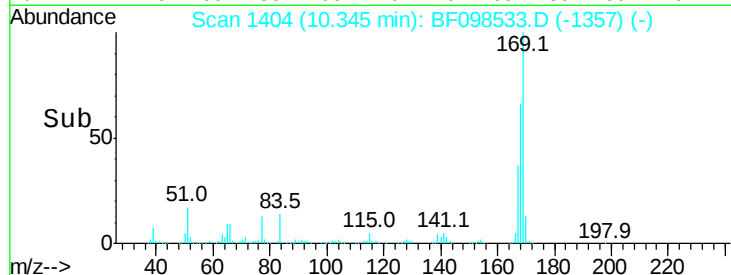
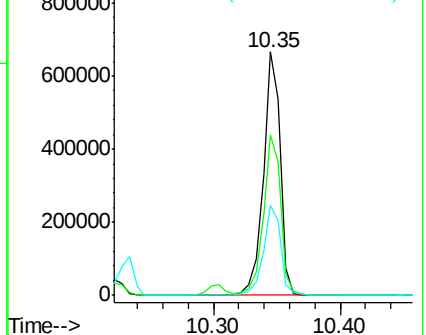
169 100

168 65.7 53.2 79.8

167 36.8 29.5 44.3



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



#66

4-Bromophenyl-phenylether

Concen: 39.976 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

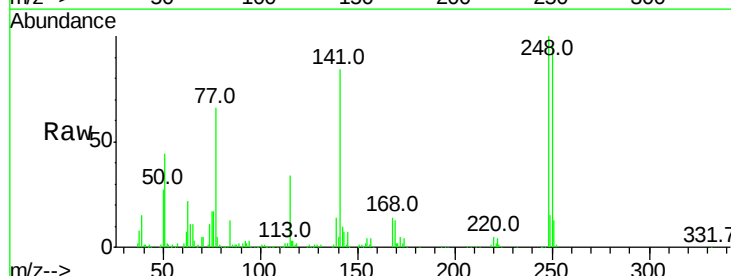
Tgt Ion:248 Resp: 197822

Ion Ratio Lower Upper

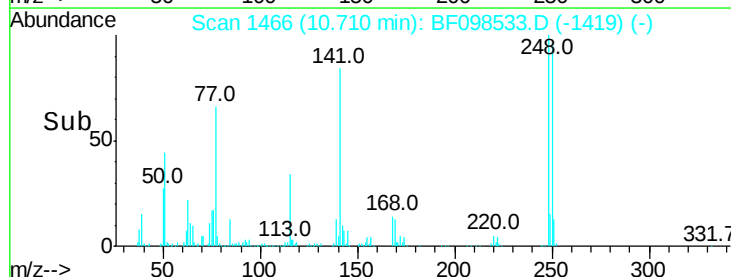
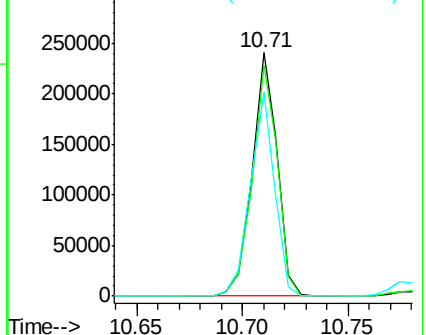
248 100

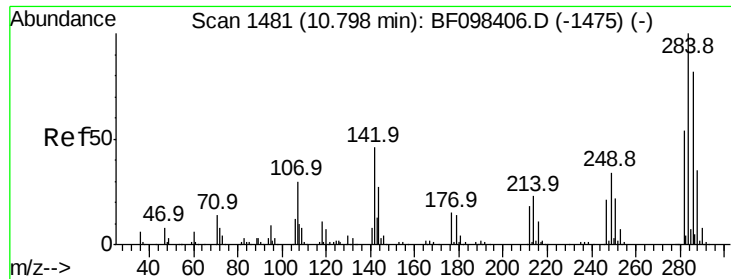
250 94.8 76.8 115.2

141 83.9 68.6 103.0



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

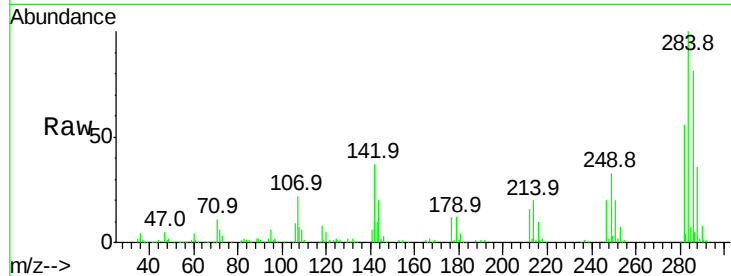




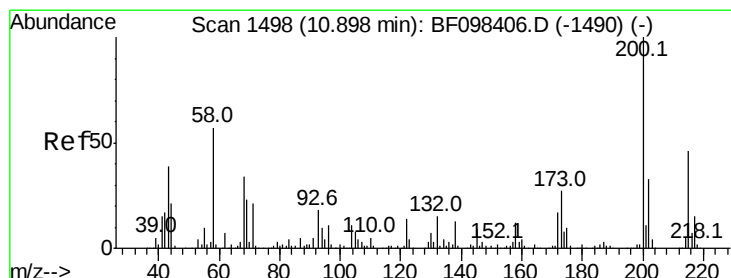
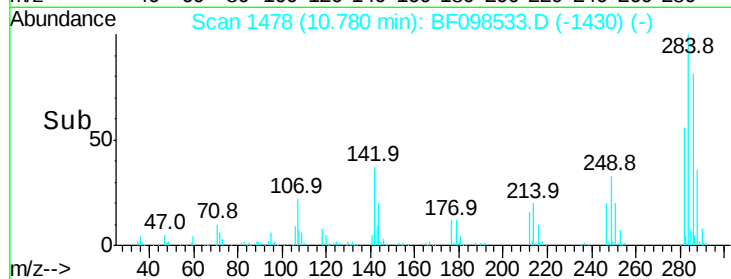
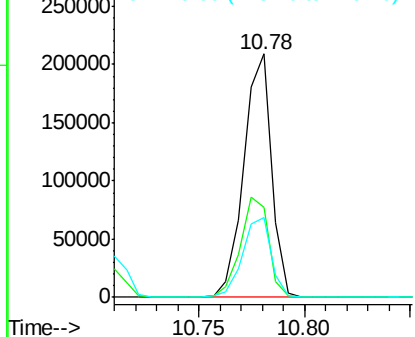
#67
Hexachlorobenzene
Concen: 37.991 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.02 min
Lab File: BF098533.D
Acq: 14 Sep 2017 17:37

Instrument :
BNA_F
ClientSampleId :
PB102300BS

Tot Ion:284 Resp: 190692
Ion Ratio Lower Upper
284 100
142 36.9 22.8 34.2#
249 32.9 24.0 36.0

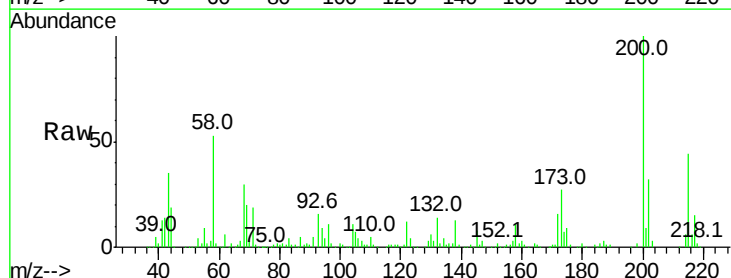


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

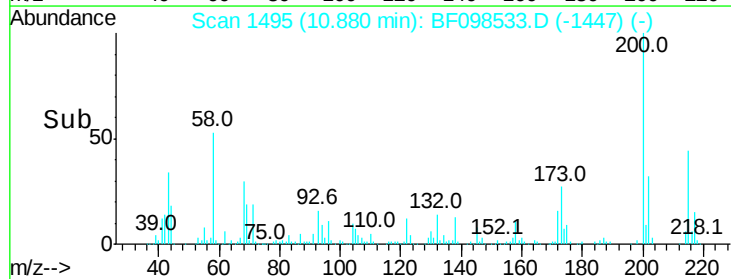
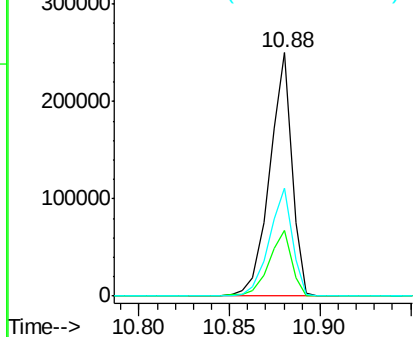


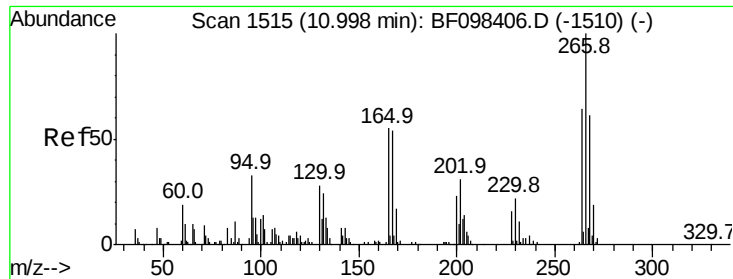
#68
Atrazine
Concen: 41.021 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.02 min
Lab File: BF098533.D
Acq: 14 Sep 2017 17:37

Tgt Ion:200 Resp: 213802
Ion Ratio Lower Upper
200 100
173 26.9 6.3 46.3
215 44.4 27.2 67.2



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

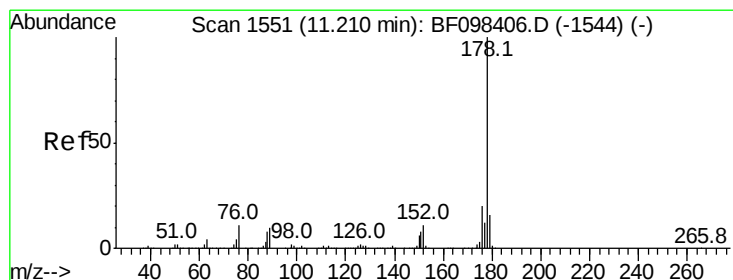
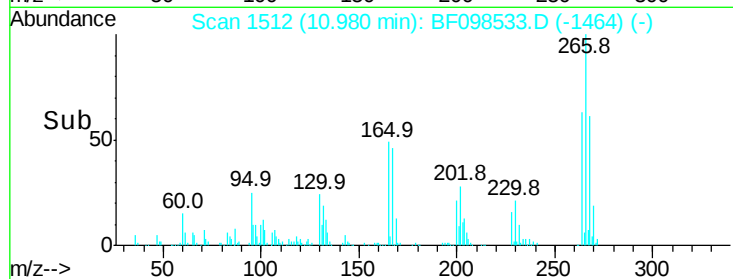
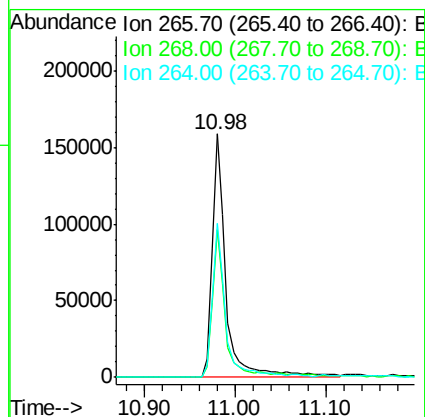
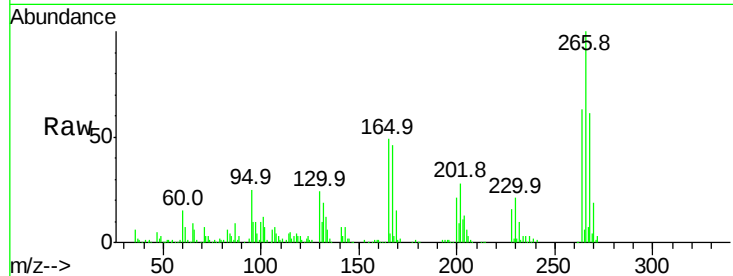




#69
 Pentachlorophenol
 Concen: 77.559 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.02 min
 Lab File: BF098533.D
 Acq: 14 Sep 2017 17:37

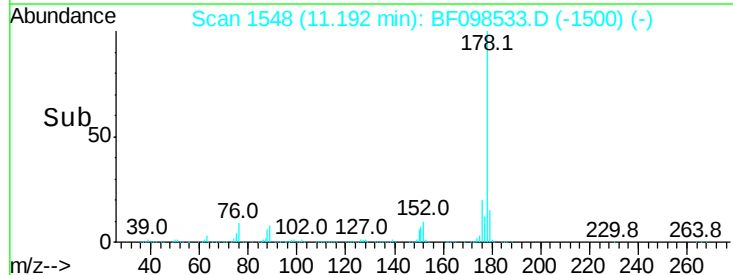
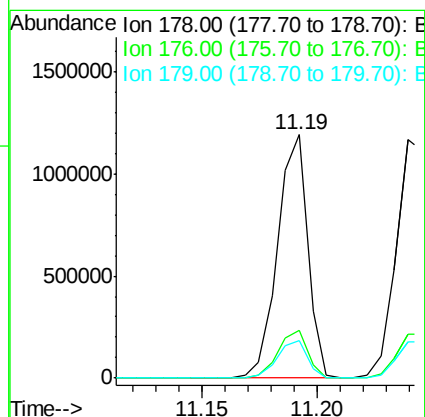
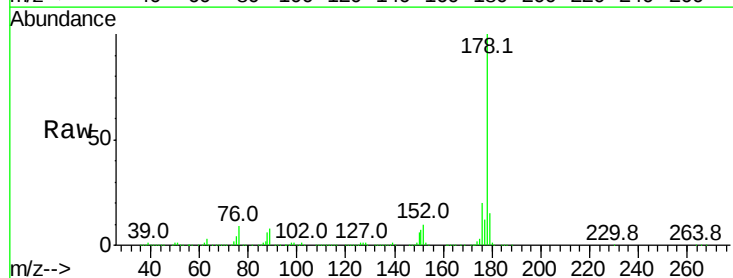
Instrument :
 BNA_F
 ClientSampleId :
 PB102300BS

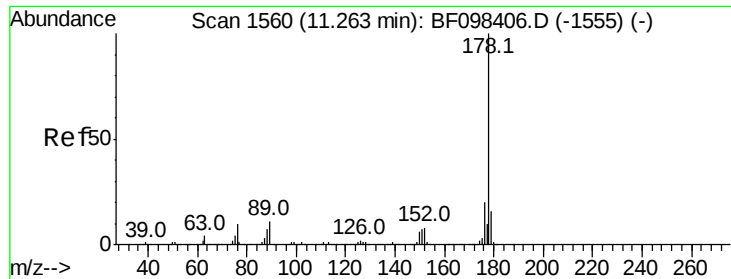
Tot Ion:266 Resp: 171815
 Ion Ratio Lower Upper
 266 100
 268 60.6 51.1 76.7
 264 63.1 51.7 77.5



#70
 Phenanthrene
 Concen: 39.059 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.02 min
 Lab File: BF098533.D
 Acq: 14 Sep 2017 17:37

Tgt Ion:178 Resp: 1079619
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.2 24.4
 179 15.2 12.6 19.0

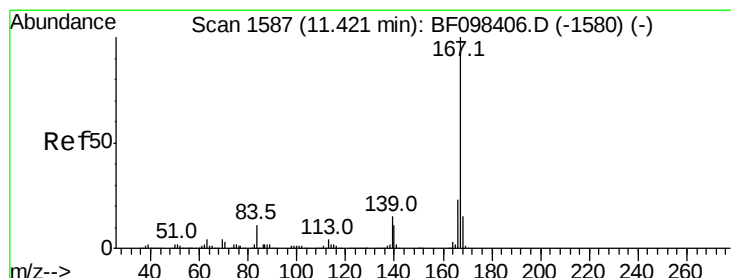
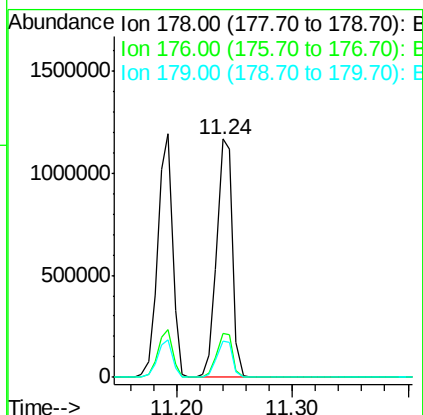
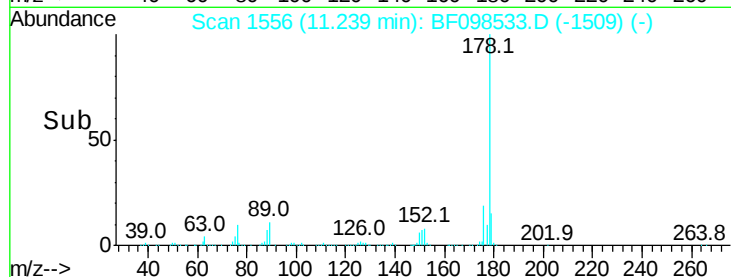
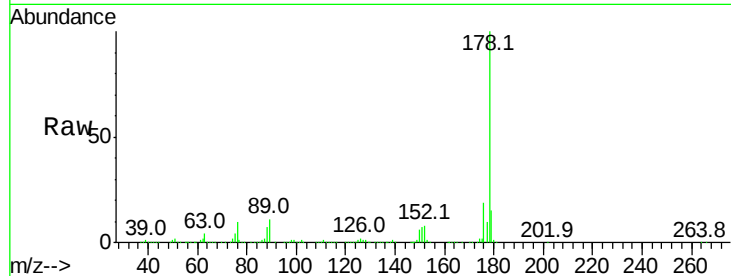




#71
 Anthracene
 Concen: 39.093 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BF098533.D
 Acq: 14 Sep 2017 17:37

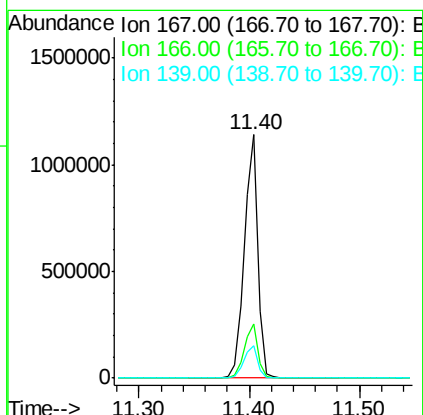
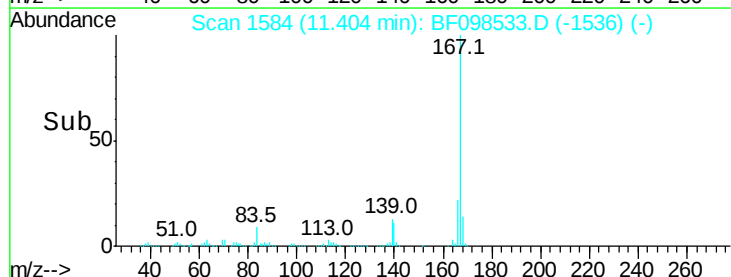
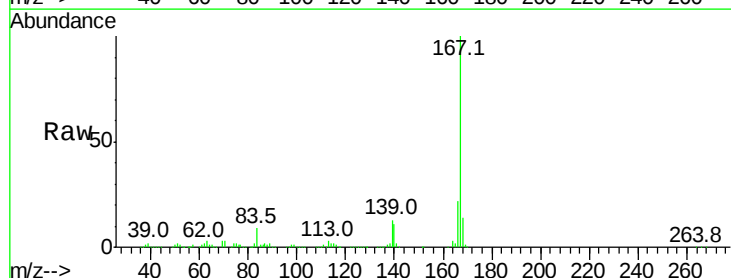
Instrument :
 BNA_F
 ClientSampleId :
 PB102300BS

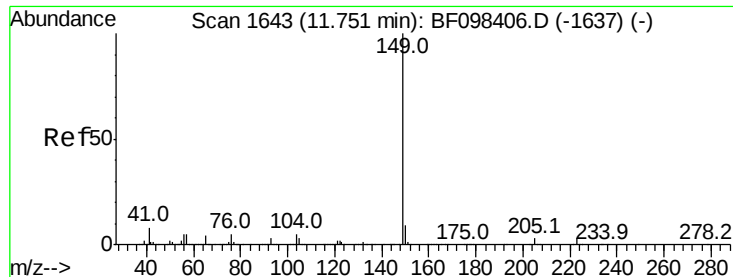
Tot Ion:178 Resp: 1109401
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 36.995 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.02 min
 Lab File: BF098533.D
 Acq: 14 Sep 2017 17:37

Tgt Ion:167 Resp: 978427
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.4 11.7 17.5





#73

Di-n-butylphthalate

Concen: 38.942 ng

RT: 11.73 min Scan# 1639

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

Instrument :

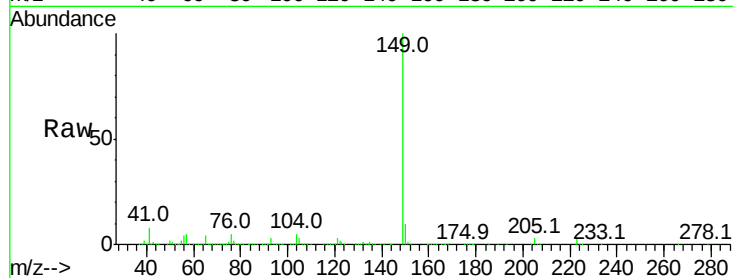
BNA_F

ClientSampleId :

PB102300BS

Tot Ion:149 Resp: 1234017

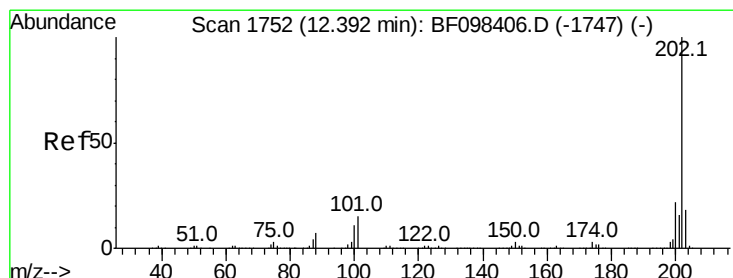
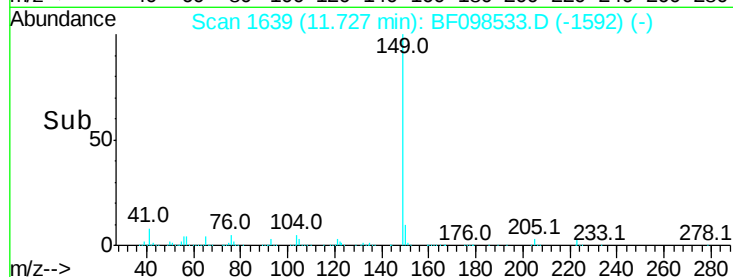
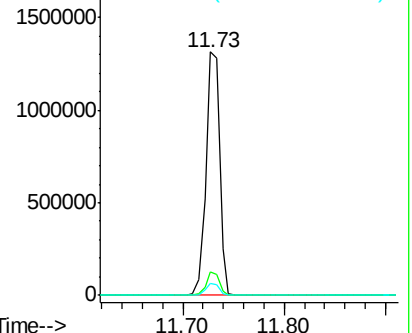
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.9	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.171 ng

RT: 12.37 min Scan# 1749

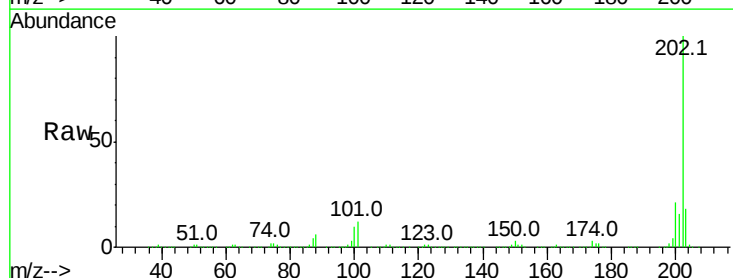
Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

Tgt Ion:202 Resp: 1139201

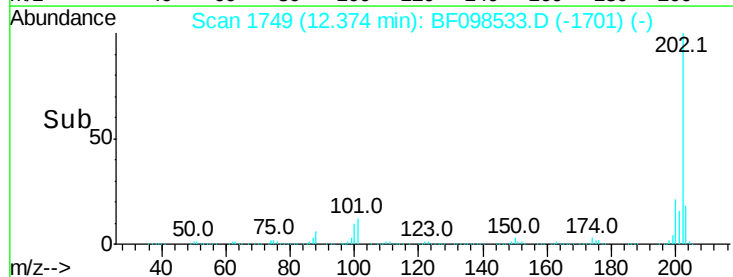
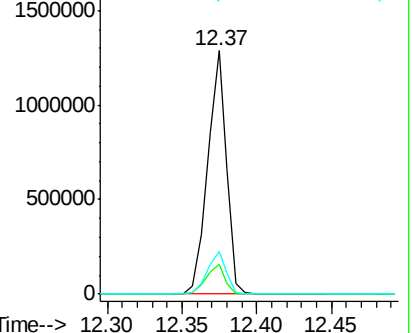
Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.2
203	17.7	0.0	38.1

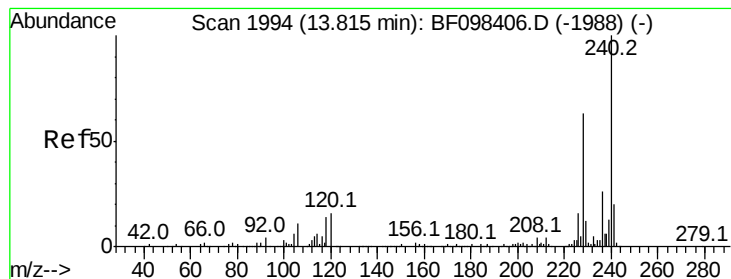


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

Instrument :

BNA_F

ClientSampleId :

PB102300BS

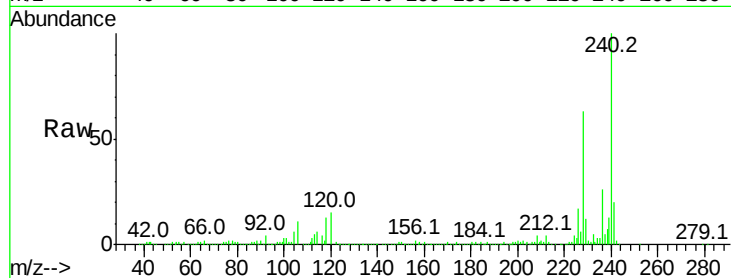
Tot Ion:240 Resp: 405626

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

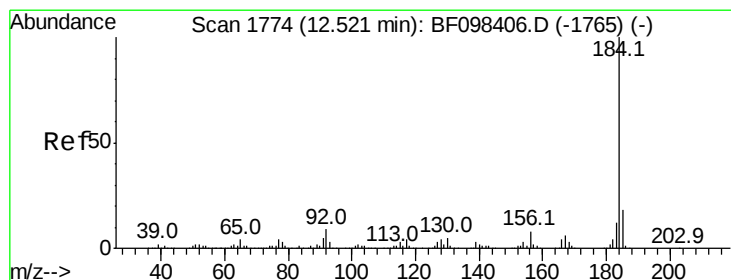
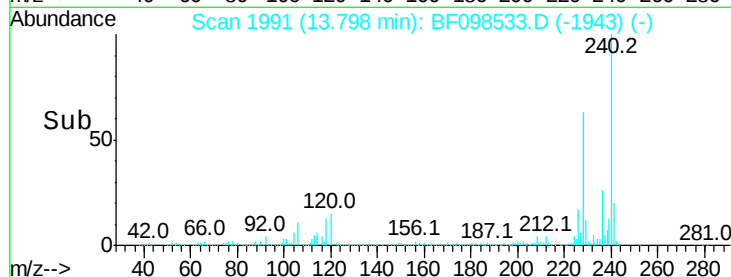
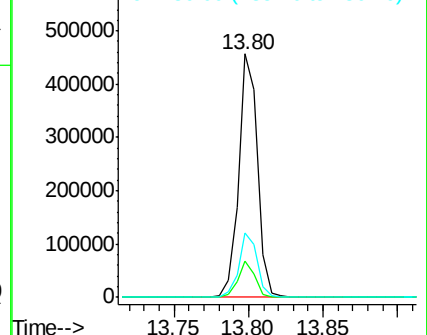
236 26.5 20.5 30.7



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: 29.412 ng

RT: 12.50 min Scan# 1771

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

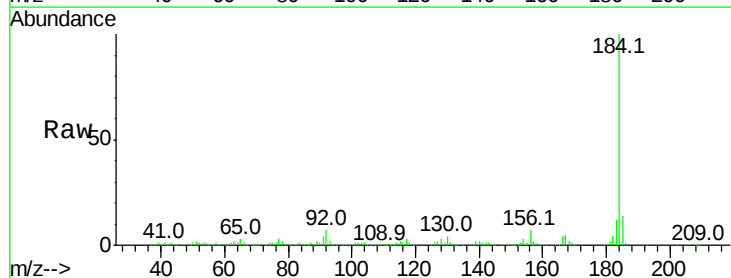
Tgt Ion:184 Resp: 527993

Ion Ratio Lower Upper

184 100

185 14.0 15.5 23.3#

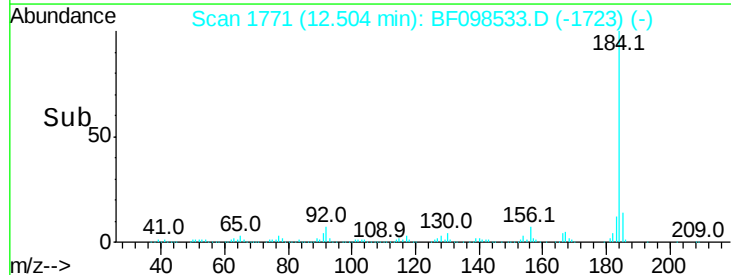
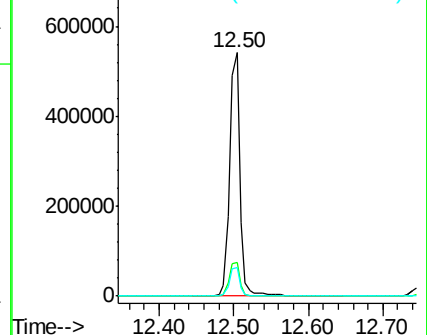
183 11.9 9.8 14.6

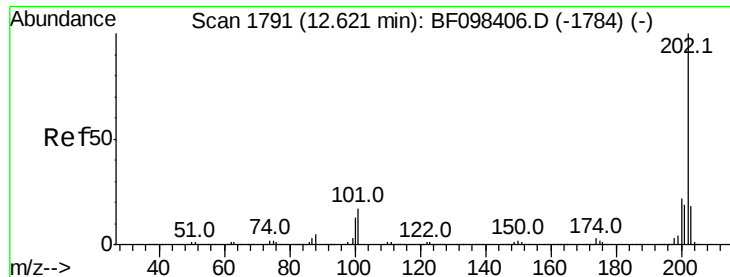


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

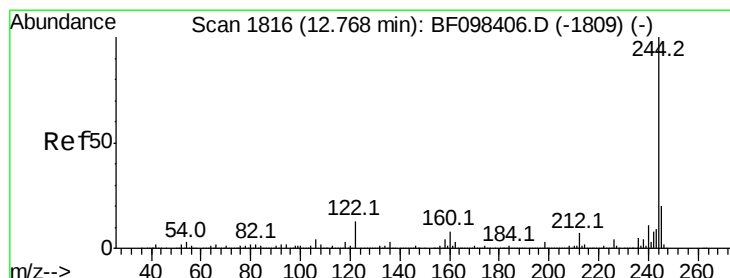
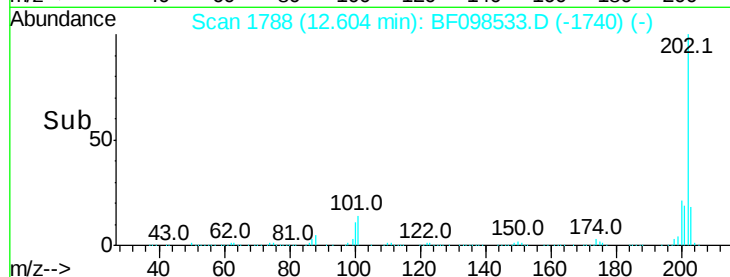
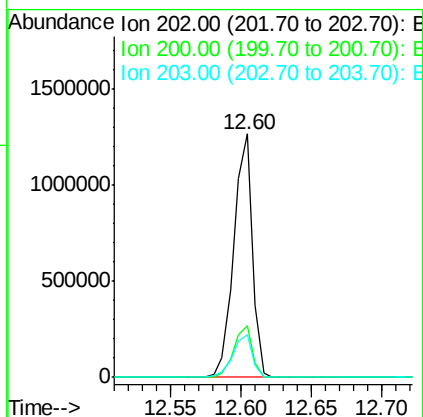
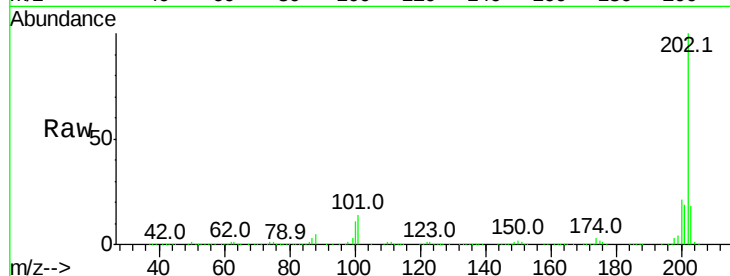




#77
Pvrene
Concen: 36.142 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BF098533.D
Acq: 14 Sep 2017 17:37

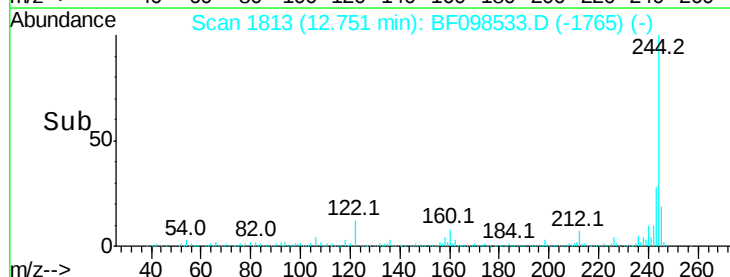
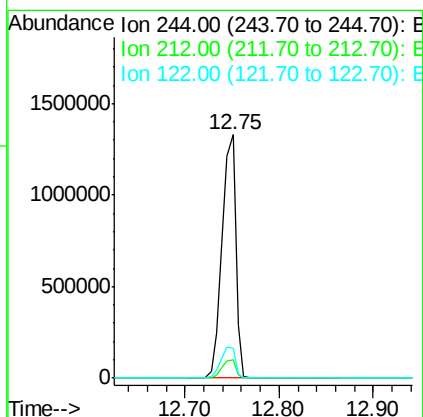
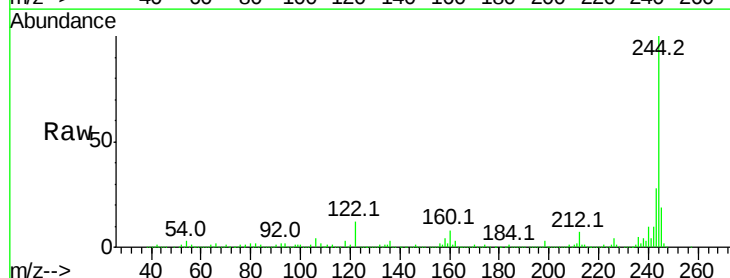
Instrument :
BNA_F
ClientSampleId :
PB102300BS

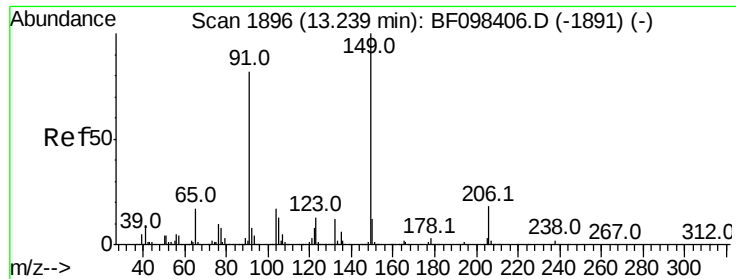
Tot Ion:202 Resp: 1156489
Ion Ratio Lower Upper
202 100
200 21.4 17.6 26.4
203 17.8 14.4 21.6



#78
Terphenyl-d14
Concen: 73.160 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF098533.D
Acq: 14 Sep 2017 17:37

Tgt Ion:244 Resp: 1374850
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 12.1 10.3 15.5

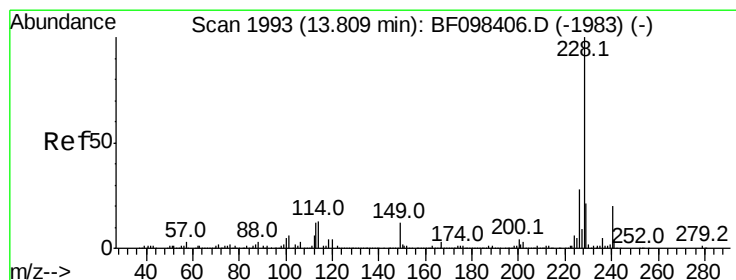
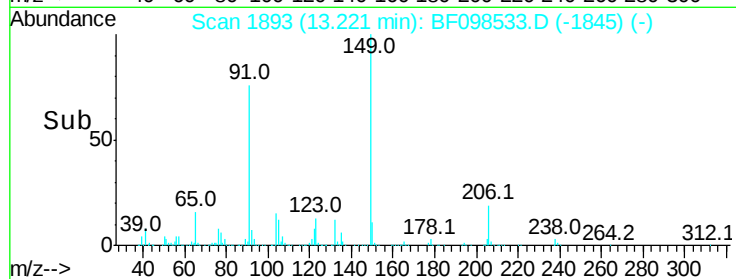
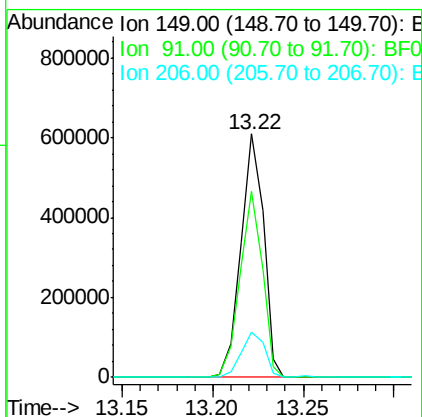
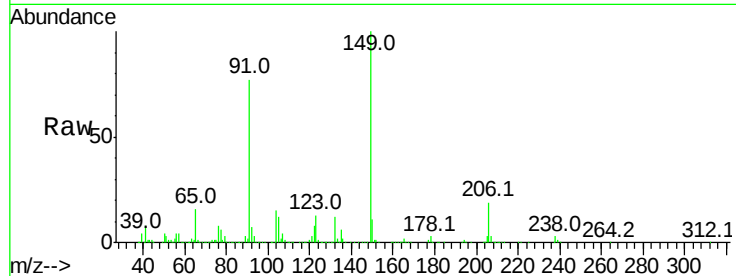




#79
Butylbenzylphthalate
Concen: 38.442 ng
RT: 13.22 min Scan# 1893
Delta R.T. -0.02 min
Lab File: BF098533.D
Acq: 14 Sep 2017 17:37

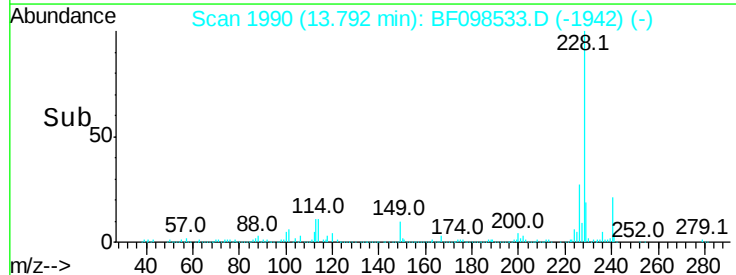
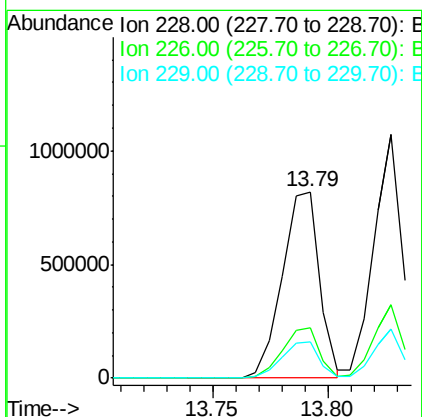
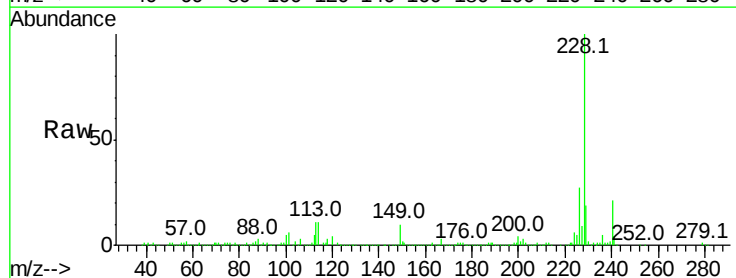
Instrument :
BNA_F
ClientSampleId :
PB102300BS

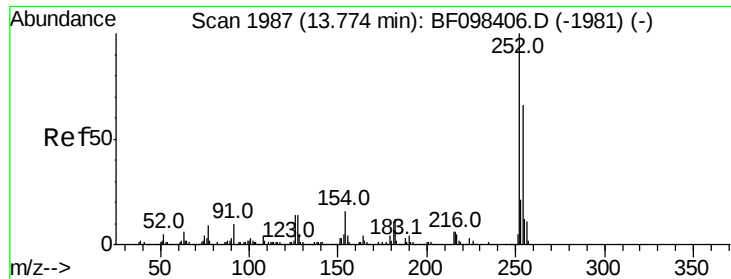
Tot Ion:149 Resp: 533646
Ion Ratio Lower Upper
149 100
91 76.5 45.0 67.4#
206 18.7 17.0 25.6



#80
Benzo(a)anthracene
Concen: 38.284 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.02 min
Lab File: BF098533.D
Acq: 14 Sep 2017 17:37

Tgt Ion:228 Resp: 910429
Ion Ratio Lower Upper
228 100
226 27.1 22.6 33.8
229 19.4 16.3 24.5





#81

3,3'-Dichlorobenzidine

Concen: 21.786 ng

RT: 13.75 min Scan# 1983

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

Instrument :

BNA_F

ClientSampleId :

PB102300BS

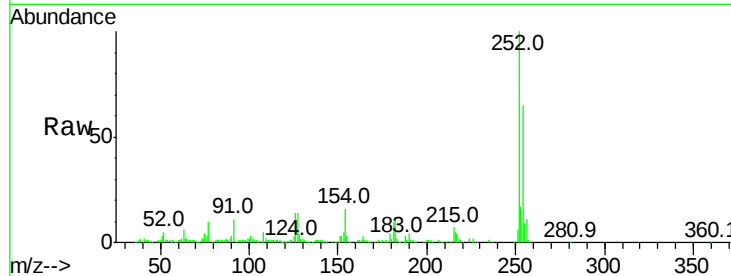
Tot Ion:252 Resp: 201346

Ion Ratio Lower Upper

252 100

254 64.7 51.5 77.3

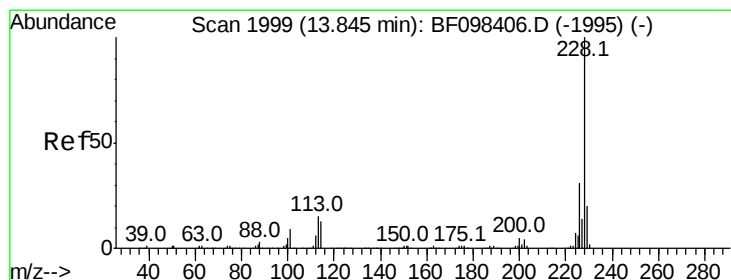
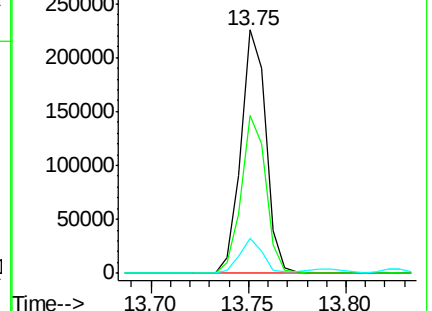
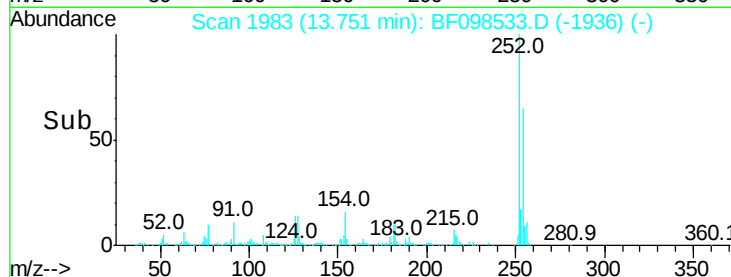
126 14.2 15.8 23.8#



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: 38.036 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

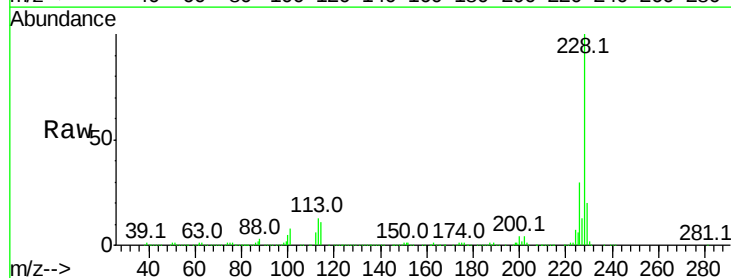
Tgt Ion:228 Resp: 914331

Ion Ratio Lower Upper

228 100

226 30.1 24.9 37.3

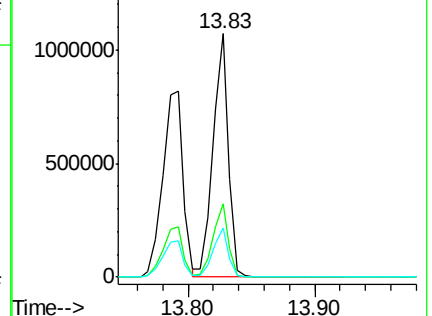
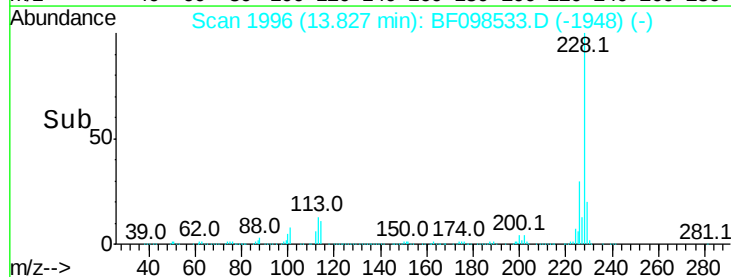
229 20.0 15.8 23.6

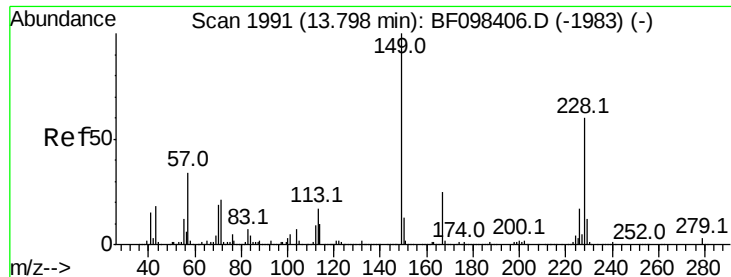


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

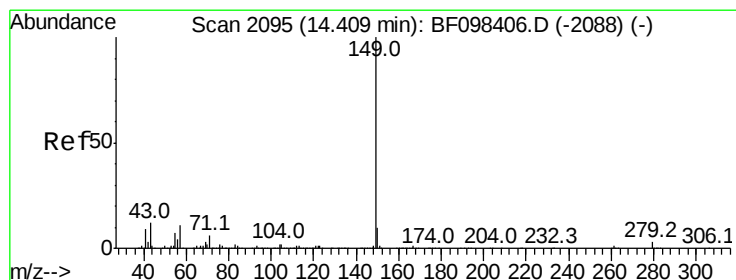
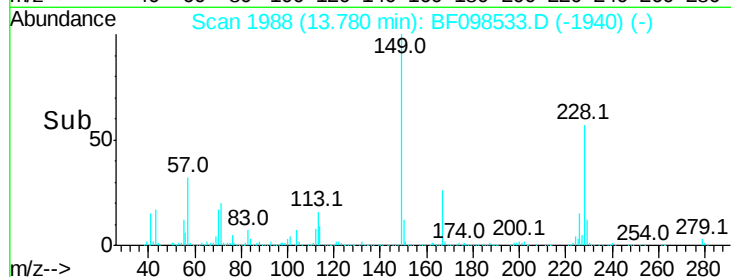
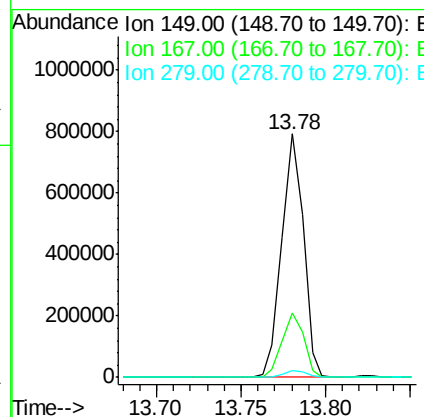
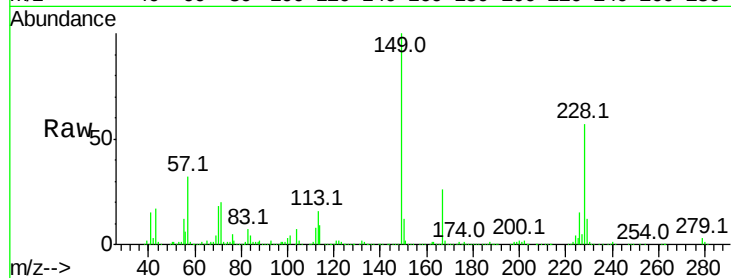




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.265 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BF098533.D
 Acq: 14 Sep 2017 17:37

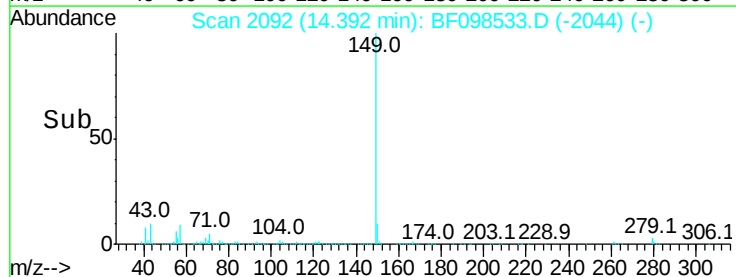
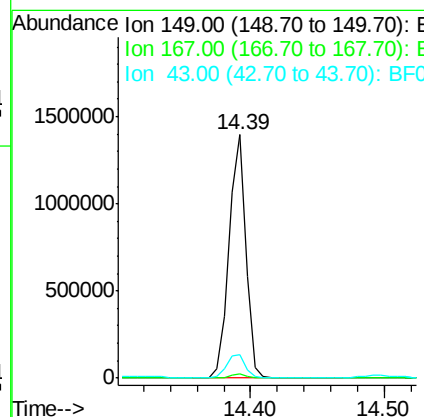
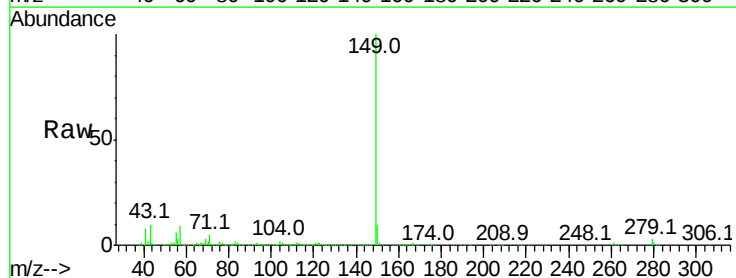
Instrument :
 BNA_F
 ClientSampleId :
 PB102300BS

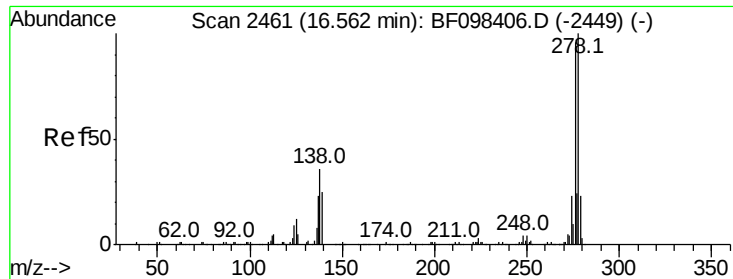
Tot Ion:149 Resp: 701504
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.0 31.4
 279 2.9 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 41.773 ng
 RT: 14.39 min Scan# 2092
 Delta R.T. -0.02 min
 Lab File: BF098533.D
 Acq: 14 Sep 2017 17:37

Tgt Ion:149 Resp: 1248626
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.3 8.5 12.7

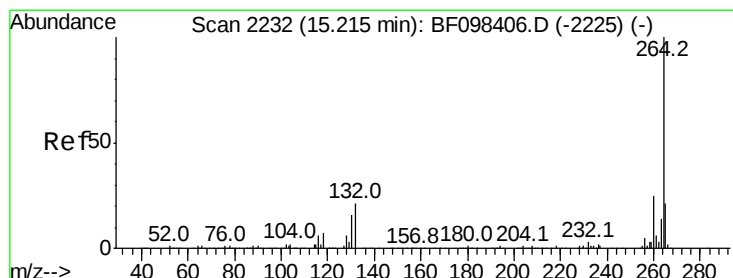
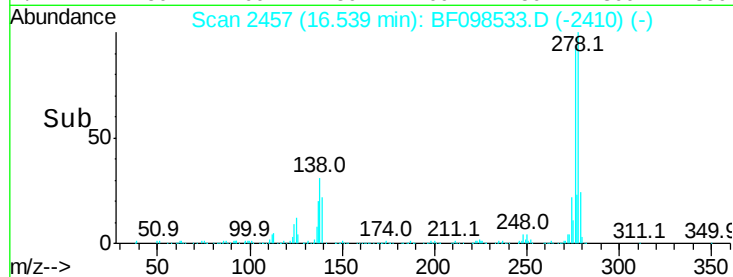
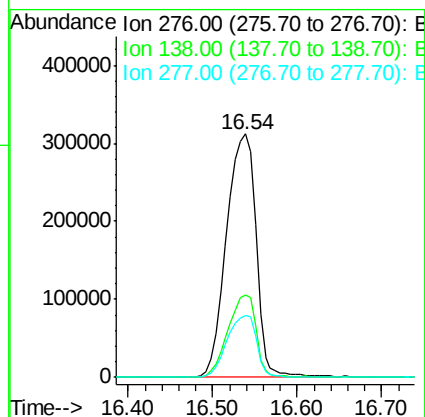
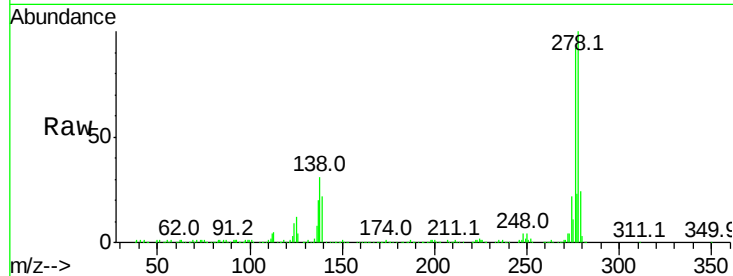




#85
Indeno(1,2,3-cd)pyrene
Concen: 44.816 ng
RT: 16.54 min Scan# 2457
Delta R.T. -0.02 min
Lab File: BF098533.D
Acq: 14 Sep 2017 17:37

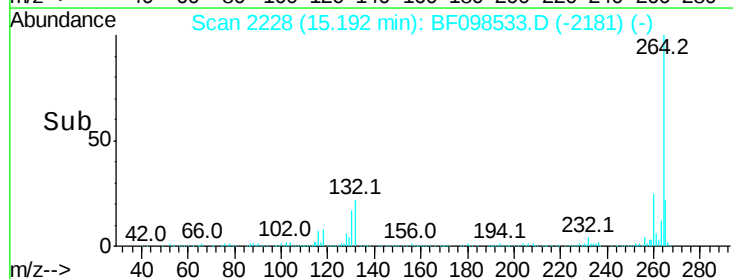
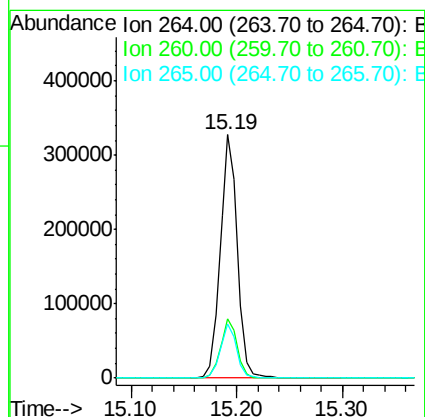
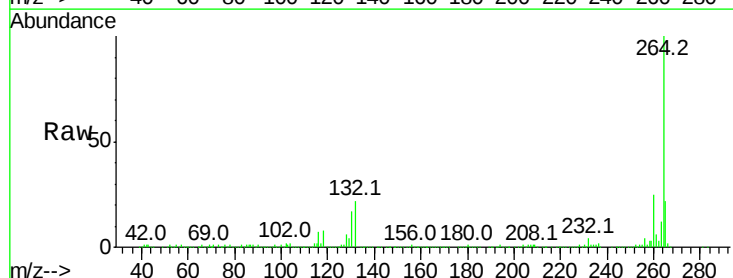
Instrument :
BNA_F
ClientSampleId :
PB102300BS

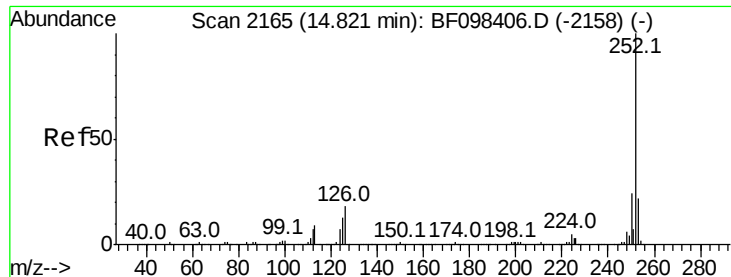
Tot Ion:276 Resp: 755841
Ion Ratio Lower Upper
276 100
138 32.2 27.8 41.6
277 25.4 20.2 30.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF098533.D
Acq: 14 Sep 2017 17:37

Tgt Ion:264 Resp: 372597
Ion Ratio Lower Upper
264 100
260 24.6 19.5 29.3
265 22.1 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 36.709 ng

RT: 14.80 min Scan# 2162

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

Instrument :

BNA_F

ClientSampleId :

PB102300BS

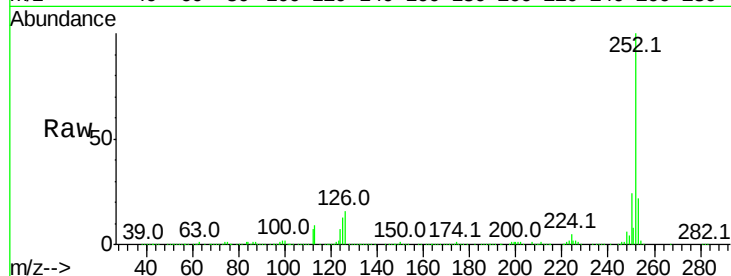
Tot Ion:252 Resp: 860025

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

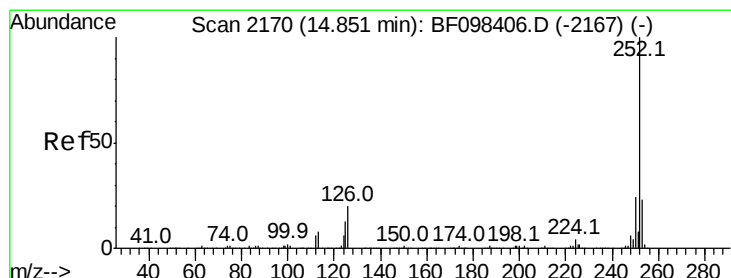
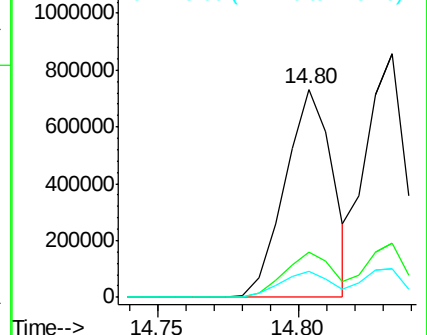
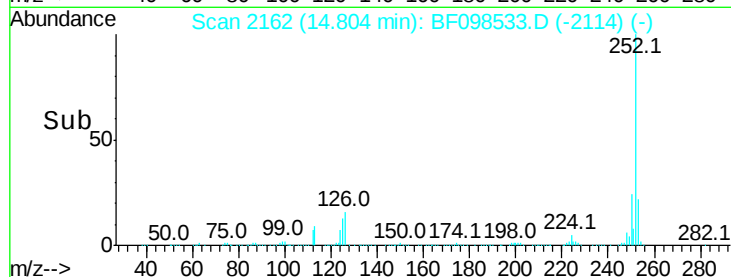
125 12.7 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.562 ng

RT: 14.83 min Scan# 2167

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

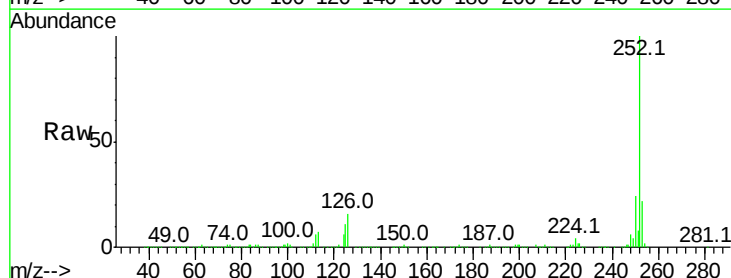
Tgt Ion:252 Resp: 843412

Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

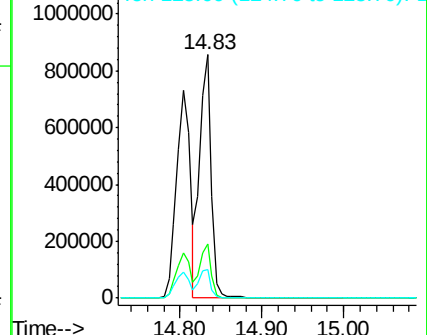
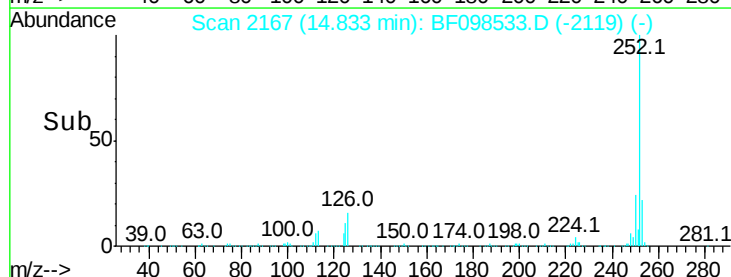
125 11.5 13.1 19.7#

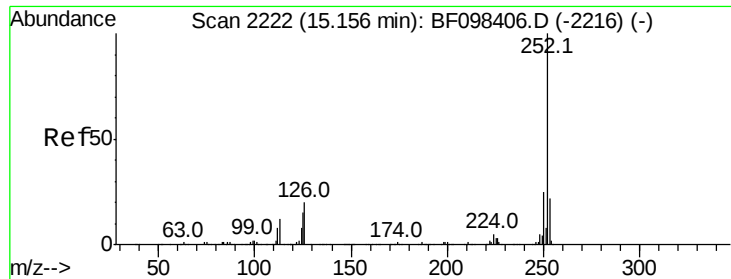


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.075 ng

RT: 15.14 min Scan# 2219

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

Instrument :

BNA_F

ClientSampleId :

PB102300BS

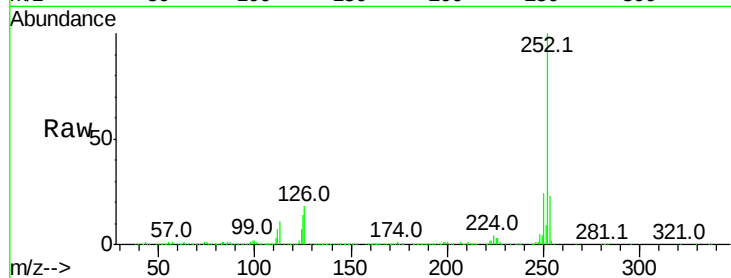
Tot Ion:252 Resp: 815567

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

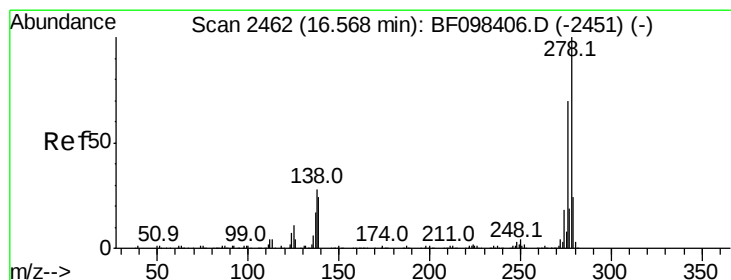
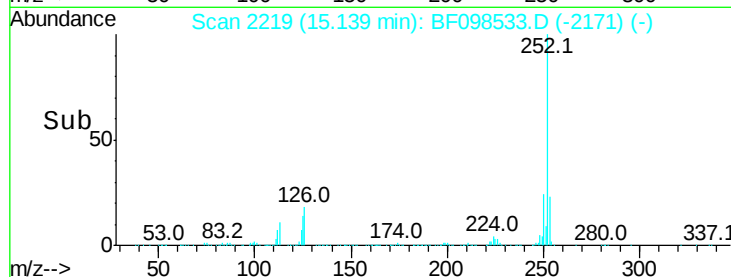
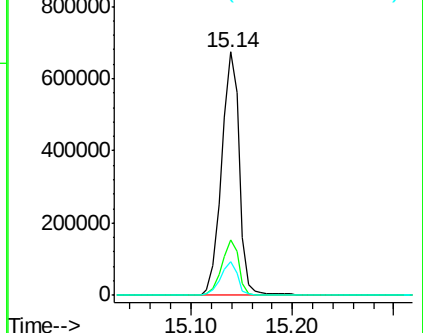
125 13.8 11.0 16.4



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: 41.535 ng

RT: 16.54 min Scan# 2458

Delta R.T. -0.02 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

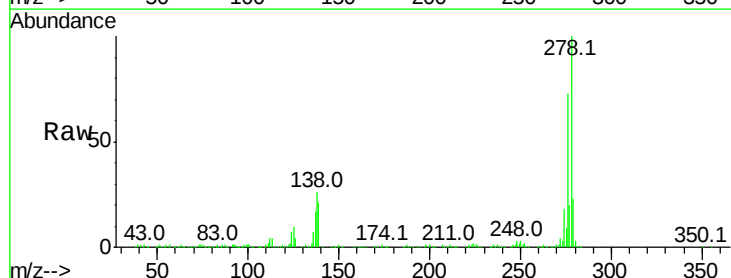
Tgt Ion:278 Resp: 630622

Ion Ratio Lower Upper

278 100

139 20.8 16.6 24.8

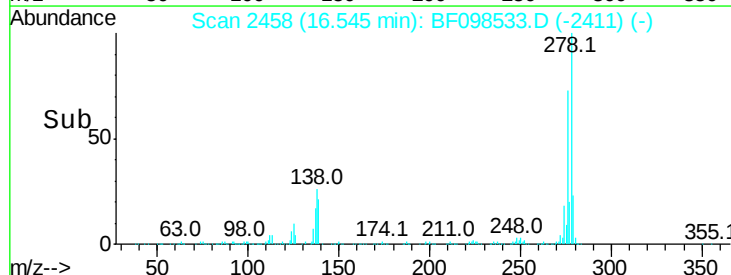
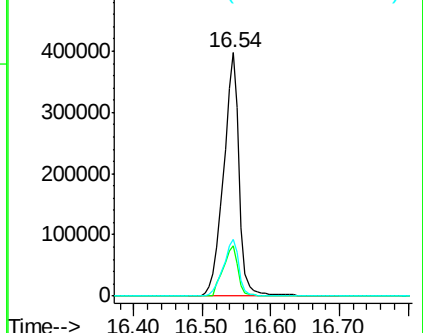
279 23.1 19.3 28.9

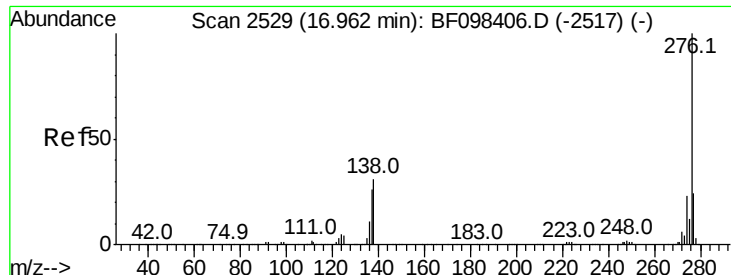


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 41.240 ng

RT: 16.93 min Scan# 2524

Delta R.T. -0.03 min

Lab File: BF098533.D

Acq: 14 Sep 2017 17:37

Instrument :

BNA_F

ClientSampleId :

PB102300BS

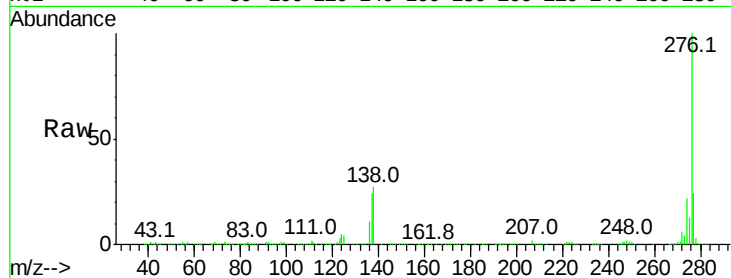
Tot Ion:276 Resp: 629776

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 27.1 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

