

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090817\
 Data File : BF098375.D
 Acq On : 9 Sep 2017 5:04
 Operator : SJ/JU
 Sample : PB102179BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102179BS

Quant Time: Sep 09 05:33:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	97813	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	353602	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	128377	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	213649	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	206331	20.00	ng	-0.02
86) Perylene-d12	15.24	264	146263	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	758349	117.93	ng	0.00
7) Phenol-d6	6.35	99	981151	112.30	ng	0.00
23) Nitrobenzene-d5	7.26	82	610214	93.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	132489	118.94	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	856537	98.03	ng	-0.02
78) Terphenyl-d14	12.79	244	635953	64.27	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	120753	33.671	ng	# 85
3) Pyridine	3.09	79	340428	34.337	ng	# 83
4) n-Nitrosodimethylamine	3.05	42	119659	31.367	ng	# 61
6) Aniline	6.35	93	211558	17.236	ng	# 63
8) 2-Chlorophenol	6.47	128	260663	38.436	ng	95
9) Benzaldehyde	6.23	77	65958	11.918	ng	86
10) Phenol	6.36	94	353553	34.599	ng	94
11) bis(2-Chloroethyl)ether	6.43	93	308642	40.018	ng	94
12) 1,3-Dichlorobenzene	6.70	146	283811	38.907	ng	96
13) 1,4-Dichlorobenzene	6.70	146	283811	38.254	ng	95
14) 1,2-Dichlorobenzene	6.86	146	260159	38.030	ng	98
15) Benzyl Alcohol	6.84	79	226492	34.624	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	353785	34.093	ng	# 29
17) 2-Methylphenol	6.96	107	223903	37.465	ng	# 88
18) Hexachloroethane	7.19	117	78667	27.045	ng	# 83
19) n-Nitroso-di-n-propylamine	7.11	70	217055	36.290	ng	# 88
20) 3+4-Methylphenols	7.12	107	301012	41.238	ng	# 65
22) Acetophenone	7.10	105	393114	42.083	ng	# 83
24) Nitrobenzene	7.27	77	308445	42.559	ng	95
25) Isophorone	7.52	82	552900	40.851	ng	100
26) 2-Nitrophenol	7.59	139	73193	30.080	ng	# 84
27) 2,4-Dimethylphenol	7.64	122	225256	39.906	ng	94
28) bis(2-Chloroethoxy)methane	7.72	93	367176	41.264	ng	99
29) 2,4-Dichlorophenol	7.84	162	174286	37.196	ng	93
30) 1,2,4-Trichlorobenzene	7.91	180	205216	39.508	ng	98
31) Naphthalene	7.99	128	712240	38.799	ng	99
32) Benzoic acid	7.80	122	14052	9.365	ng	98
33) 4-Chloroaniline	8.05	127	110862	14.320	ng	97
34) Hexachlorobutadiene	8.10	225	123394	40.686	ng	98
35) Caprolactam	8.42	113	55484	34.831	ng	91
36) 4-Chloro-3-methylphenol	8.55	107	196391	32.622	ng	# 84
37) 2-Methylnaphthalene	8.68	142	437501	38.873	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	177641	45.088	ng	99
40) Hexachlorocyclopentadiene	8.83	237	8150	4.306	ng	96

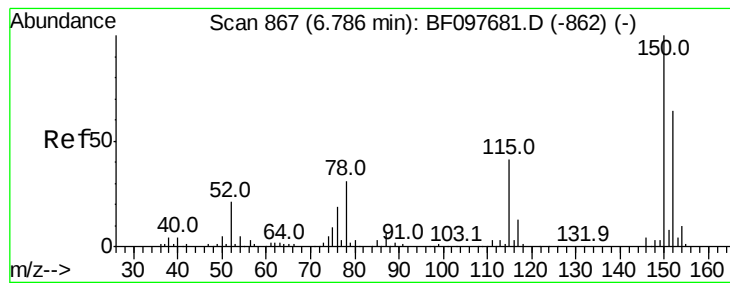
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090817\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	94664	35.788	nq	96
43) 2,4,5-Trichlorophenol	9.02	196	99658	37.977	nq	97
45) 1,1'-Biphenyl	9.15	154	497424	42.490	nq	96
46) 2-Chloronaphthalene	9.17	162	349720	40.431	nq #	92
47) 2-Nitroaniline	9.27	65	126266	43.543	nq	88
48) Acenaphthylene	9.58	152	538681	39.657	nq	99
49) Dimethylphthalate	9.45	163	439771	46.864	nq	99
50) 2,6-Dinitrotoluene	9.52	165	79714	42.557	nq #	81
51) Acenaphthene	9.75	154	317263	37.034	nq	100
52) 3-Nitroaniline	9.68	138	97969	40.538	nq	87
53) 2,4-Dinitrophenol	9.81	184	896	11.020	nq #	74
54) Dibenzofuran	9.93	168	463183	40.342	nq	96
55) 4-Nitrophenol	9.87	139	93618	48.561	nq #	48
56) 2,4-Dinitrotoluene	9.92	165	87480	37.214	nq #	45
57) Fluorene	10.27	166	340984	38.413	nq	95
58) 2,3,4,6-Tetrachlorophenol	10.05	232	68522	33.727	nq #	90
59) Diethylphthalate	10.15	149	419846	42.784	nq	99
60) 4-Chlorophenyl-phenylether	10.26	204	170930	41.448	nq	89
61) 4-Nitroaniline	10.30	138	97194	42.315	nq	85
62) Azobenzene	10.42	77	430486	36.931	nq	92
64) 4,6-Dinitro-2-methylphenol	10.33	198	1851	9.841	nq	89
65) n-Nitrosodiphenylamine	10.38	169	310850	42.726	nq	99
66) 4-Bromophenyl-phenylether	10.74	248	97235	43.827	nq	99
67) Hexachlorobenzene	10.82	284	92063	40.712	nq #	91
68) Atrazine	10.91	200	87040	45.112	nq	97
69) Pentachlorophenol	11.02	266	33386	25.321	nq	97
70) Phenanthrene	11.23	178	463337	40.698	nq	98
71) Anthracene	11.28	178	479230	41.502	nq	98
72) Carbazole	11.44	167	450717	41.121	nq	97
73) Di-n-butylphthalate	11.77	149	605375	47.950	nq	99
74) Fluoranthene	12.42	202	522407	43.962	nq	97
77) Pyrene	12.64	202	539742	31.984	nq	97
79) Butylbenzylphthalate	13.26	149	268071	41.432	nq #	75
80) Benzo(a)anthracene	13.83	228	468019	37.846	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	133221	31.925	nq #	95
82) Chrysene	13.87	228	467720	38.021	nq	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	372637	51.975	nq #	99
84) Di-n-octyl phthalate	14.43	149	714018	57.237	nq	97
85) Indeno(1,2,3-cd)pyrene	16.60	276	314106	34.710	nq	97
87) Benzo(b)fluoranthene	14.85	252	419417	45.493	nq	97
88) Benzo(k)fluoranthene	14.87	252	361849	41.776	nq #	95
89) Benzo(a)pyrene	15.19	252	350368	42.928	nq	99
90) Dibenzo(a,h)anthracene	16.62	278	267062	40.192	nq	98
91) Benzo(g,h,i)perylene	17.01	276	252853	36.470	nq	93

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

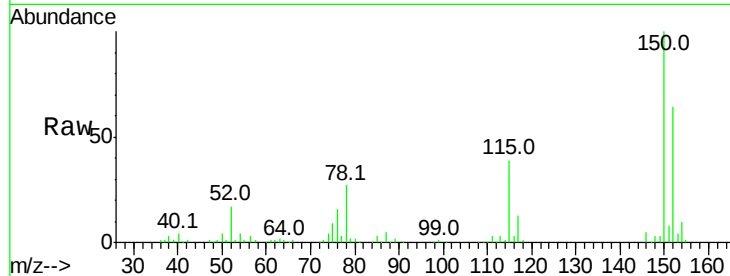


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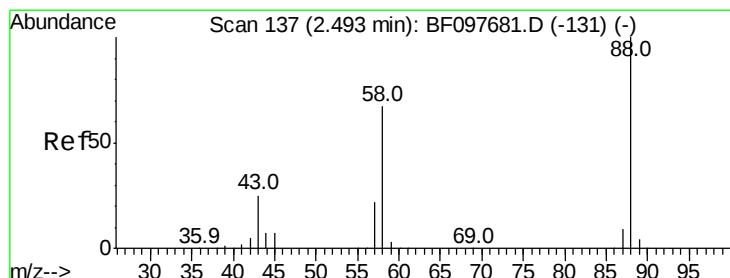
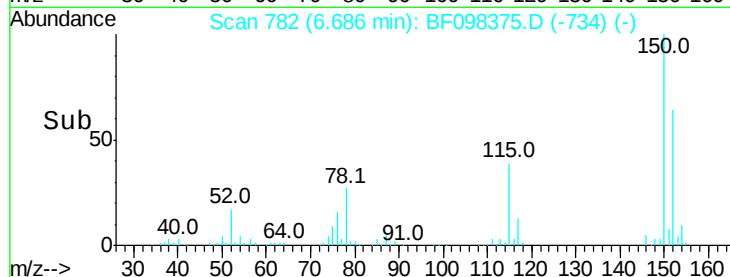
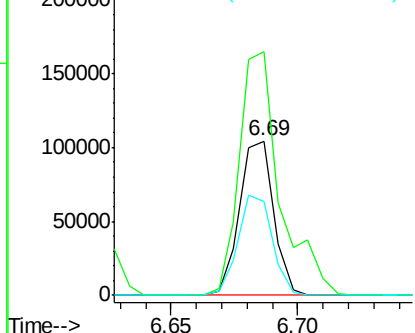
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Instrument :
BNA_F
ClientSampleId :
PB102179BS

Tot Ion:152 Resp: 97813
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.2
115 61.0 52.2 78.2



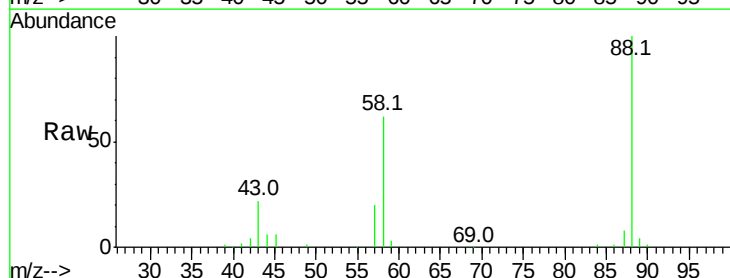
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



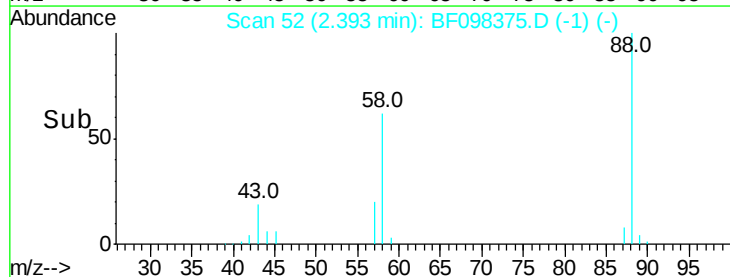
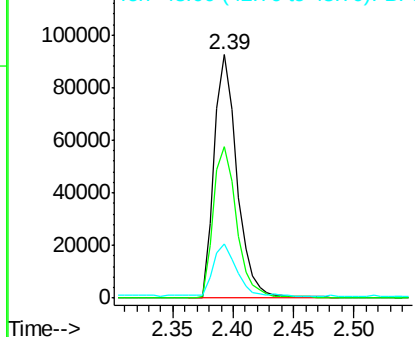
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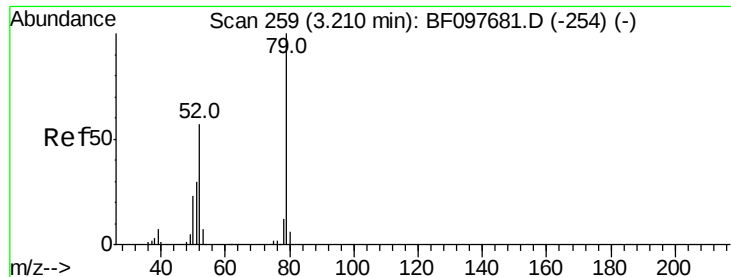
1,4-Dioxane
Concen: 33.671 ng
RT: 2.39 min Scan# 52
Delta R.T. 0.07 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Tgt Ion: 88 Resp: 120753
Ion Ratio Lower Upper
88 100
58 64.1 61.4 92.0
43 21.6 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

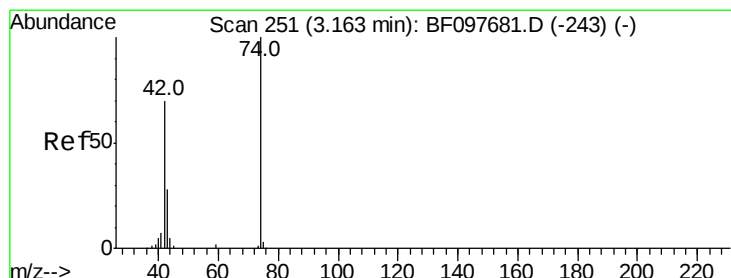
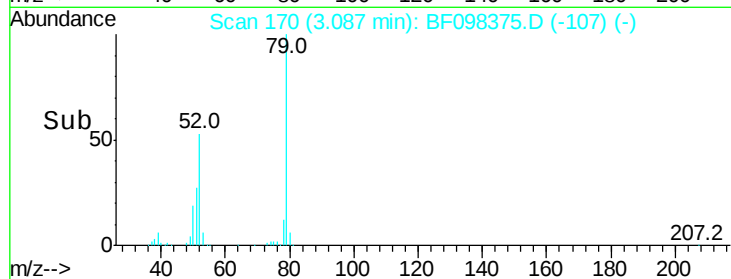
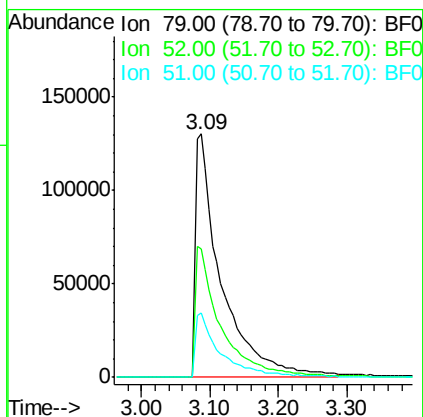
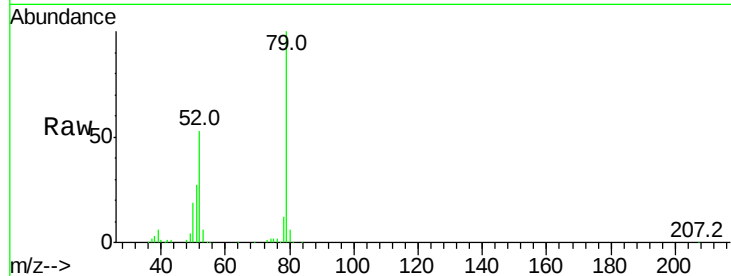




#3
 Pvridine
 Concen: 34.337 ng
 RT: 3.09 min Scan# 170
 Delta R.T. 0.07 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

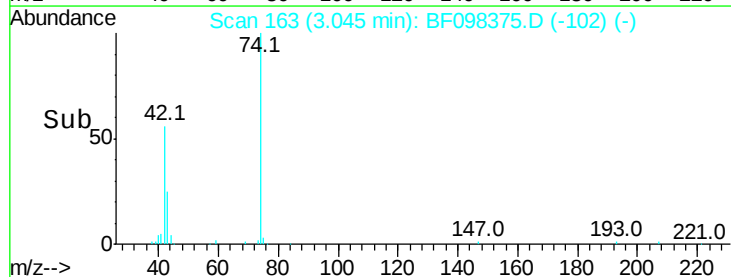
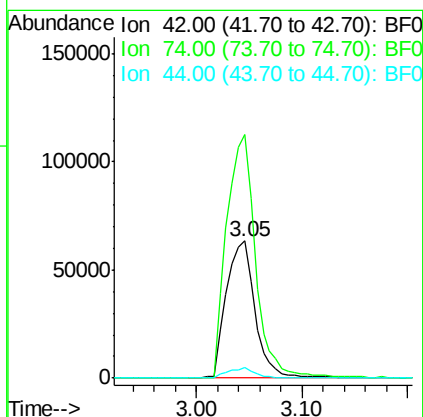
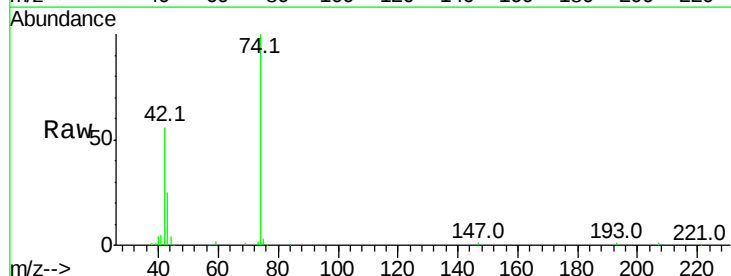
Instrument :
 BNA_F
 ClientSampleId :
 PB102179BS

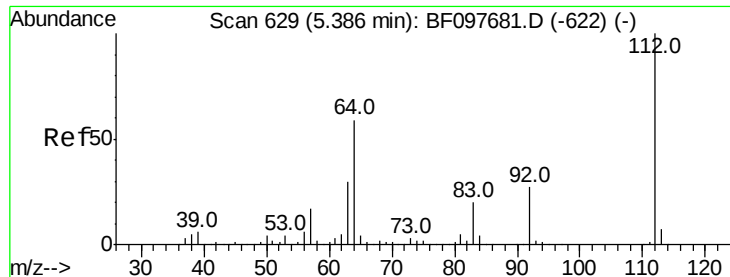
Tot Ion: 79 Resp: 340428
 Ion Ratio Lower Upper
 79 100
 52 52.7 54.8 82.2#
 51 26.6 27.0 40.4#



#4
 n-Nitrosodimethylamine
 Concen: 31.367 ng
 RT: 3.05 min Scan# 163
 Delta R.T. 0.06 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Tgt Ion: 42 Resp: 119659
 Ion Ratio Lower Upper
 42 100
 74 177.3 103.9 155.9#
 44 7.4 5.7 8.5





#5

2-Fluorophenol

Concen: 117.930 ng

RT: 5.31 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102179BS

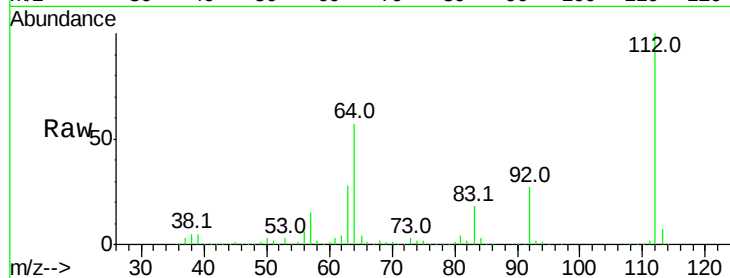
Tot Ion: 112 Resp: 758349

Ion Ratio Lower Upper

112 100

64 56.8 46.0 69.0

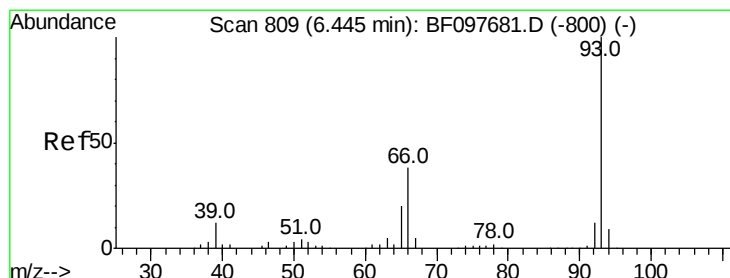
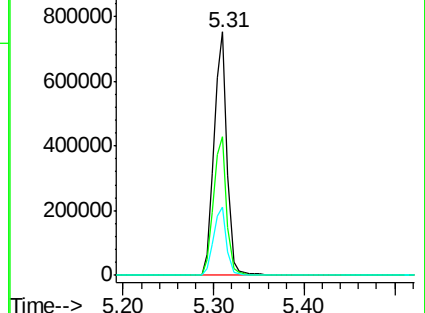
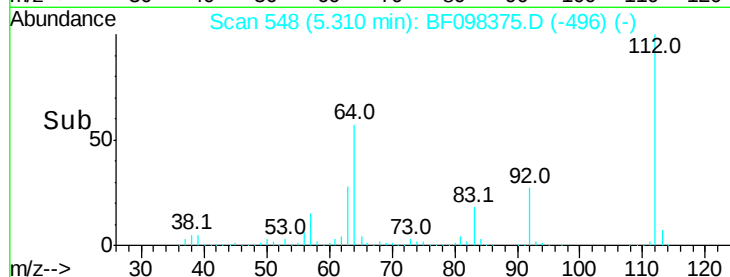
63 27.8 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.236 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

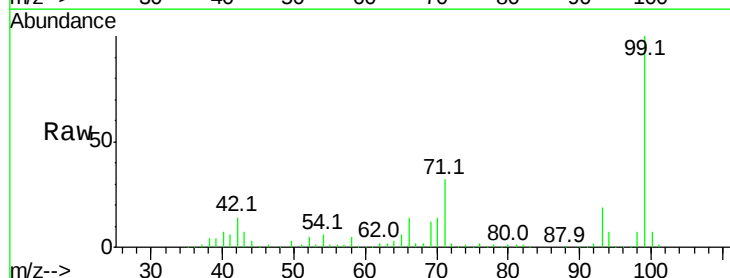
Tgt Ion: 93 Resp: 211558

Ion Ratio Lower Upper

93 100

66 69.5 32.9 49.3#

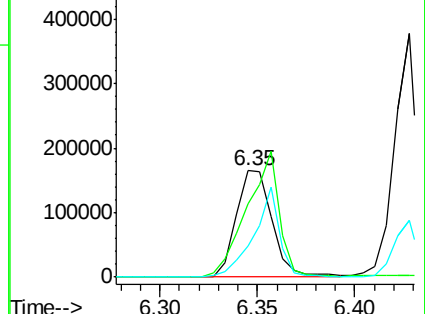
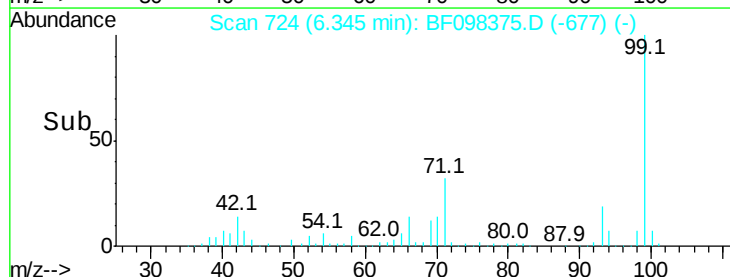
65 29.0 16.0 24.0#

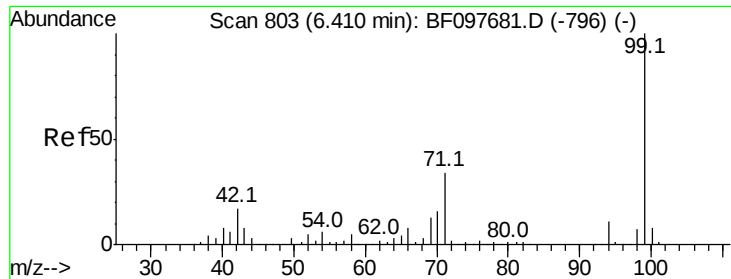


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 112.295 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

BNA_F

ClientSampled :

PB102179BS

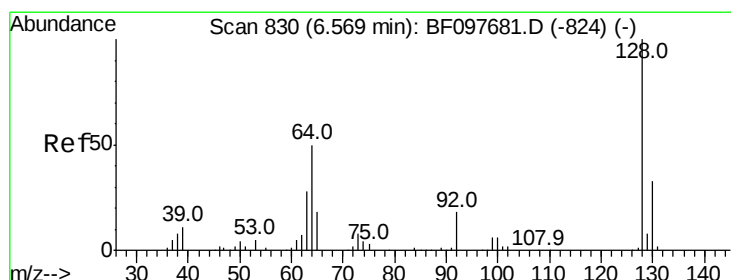
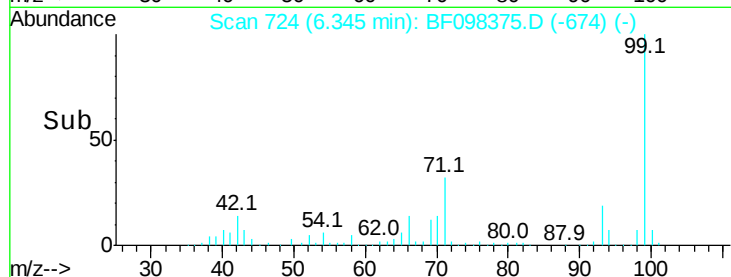
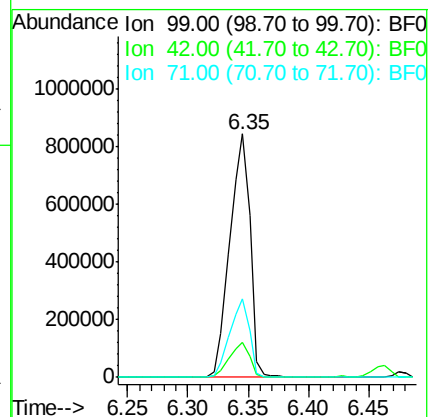
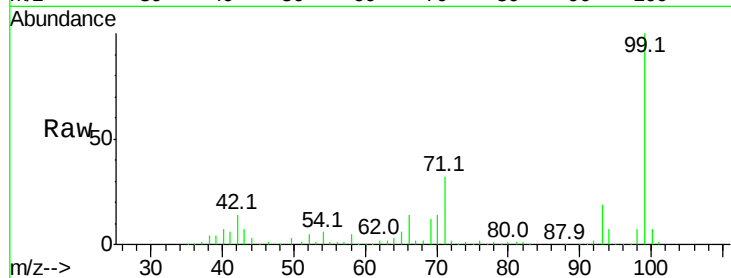
Tot Ion: 99 Resp: 981151

Ion Ratio Lower Upper

99 100

42 14.3 13.5 20.3

71 32.3 24.5 36.7



#8

2-Chlorophenol

Concen: 38.436 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

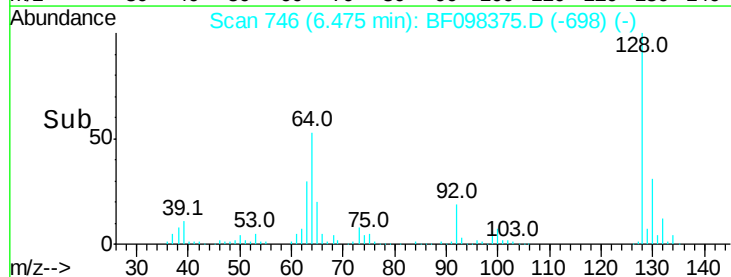
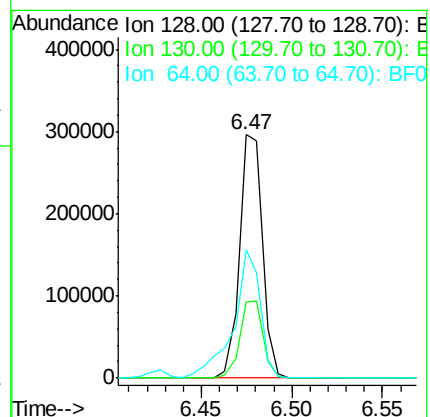
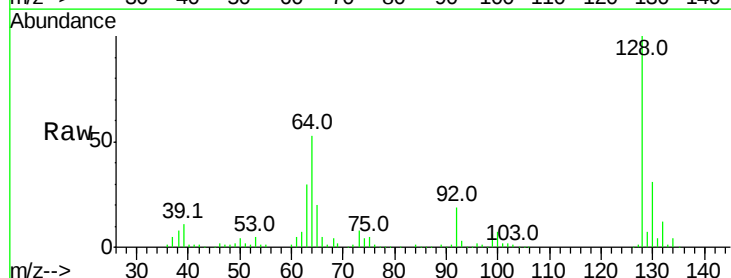
Tgt Ion:128 Resp: 260663

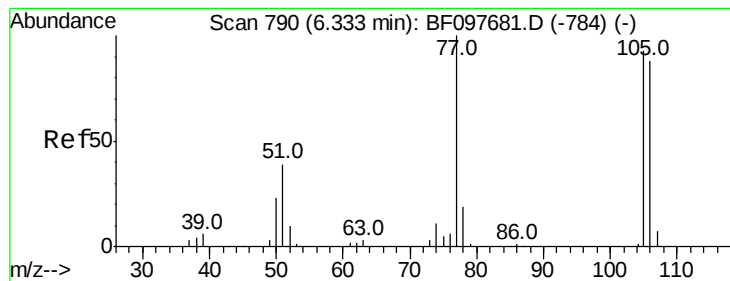
Ion Ratio Lower Upper

128 100

130 31.2 12.9 52.9

64 52.5 28.4 68.4





#9

Benzaldehyde

Concen: 11.918 ng

RT: 6.23 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102179BS

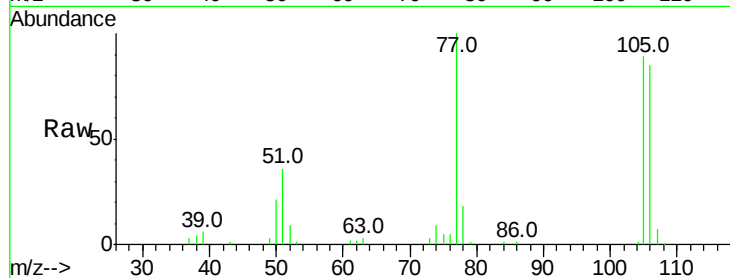
Tot Ion: 77 Resp: 65958

Ion Ratio Lower Upper

77 100

105 89.1 83.8 123.8

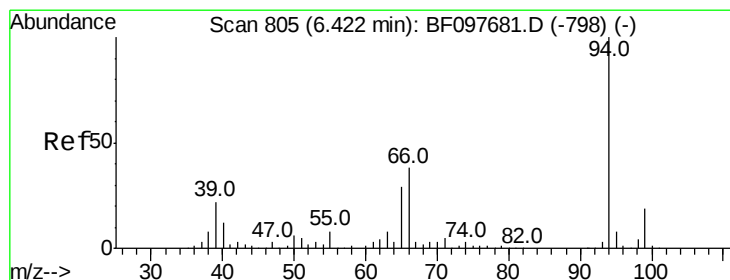
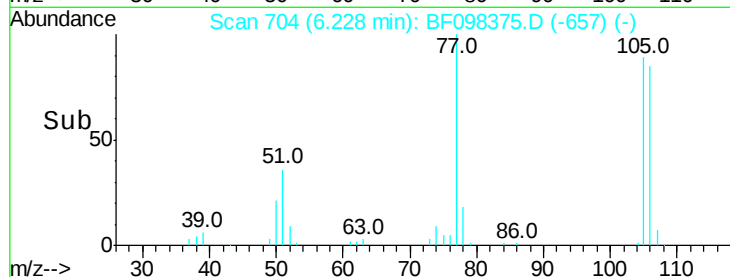
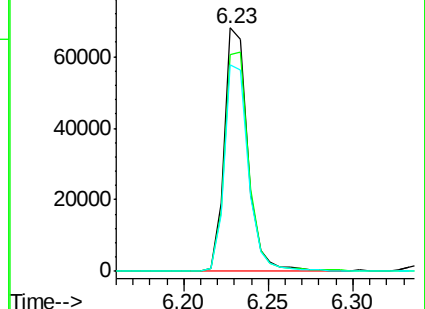
106 84.9 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 34.599 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

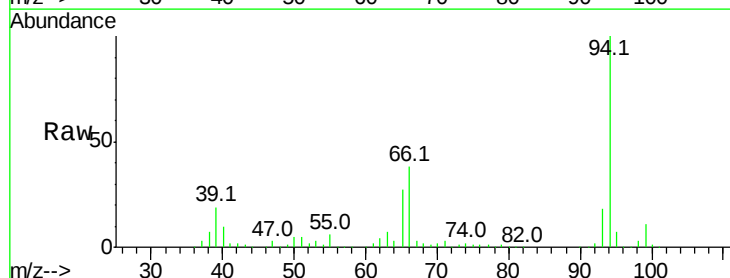
Tgt Ion: 94 Resp: 353553

Ion Ratio Lower Upper

94 100

65 27.5 9.9 49.9

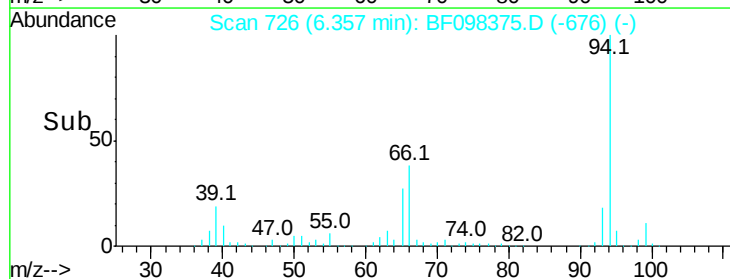
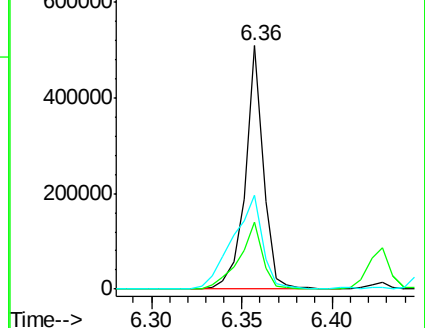
66 38.5 23.1 63.1

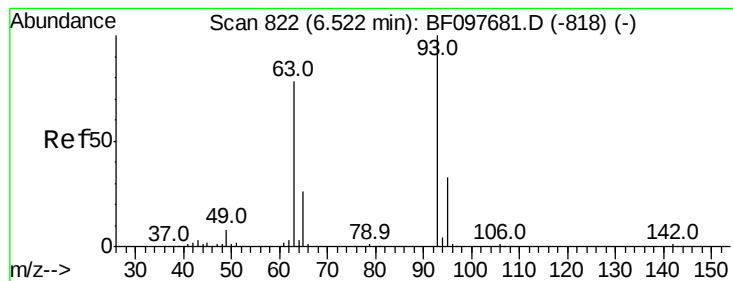


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.018 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102179BS

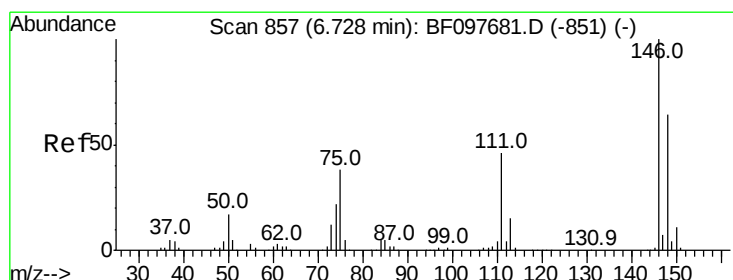
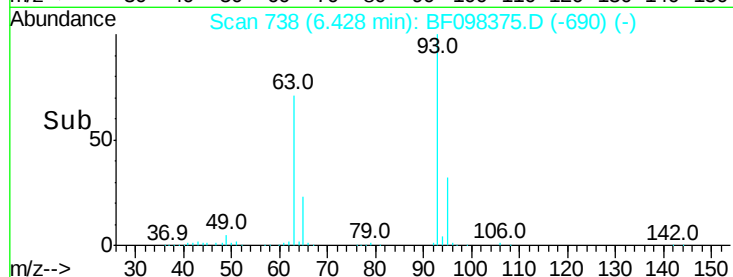
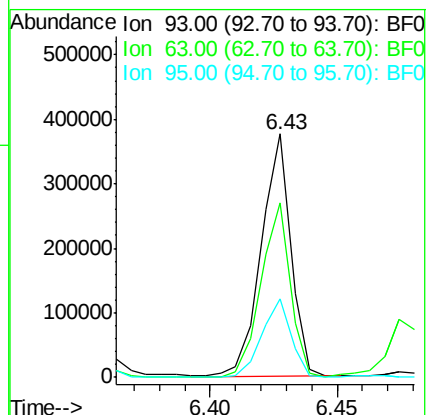
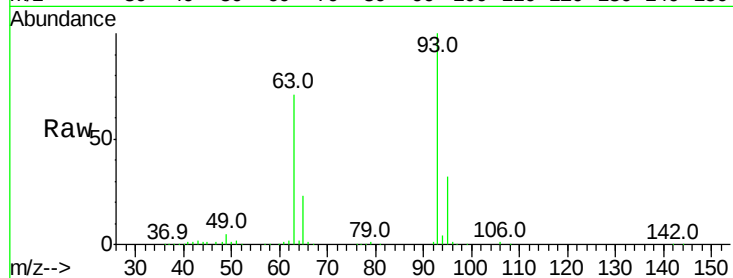
Tot Ion: 93 Resp: 308642

Ion Ratio Lower Upper

93 100

63 71.4 59.2 99.2

95 32.5 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 38.907 ng

RT: 6.70 min Scan# 785

Delta R.T. 0.06 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

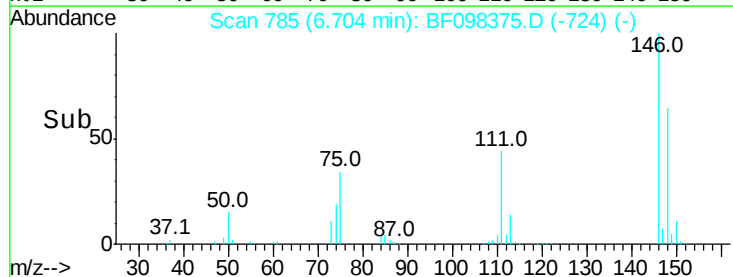
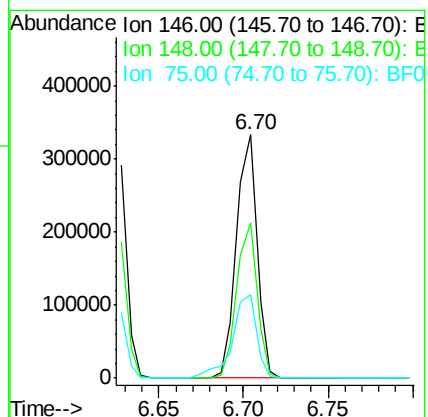
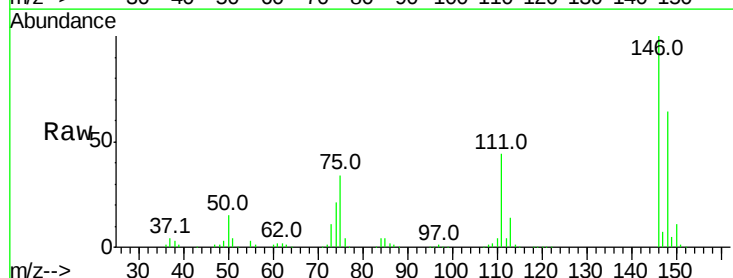
Tgt Ion: 146 Resp: 283811

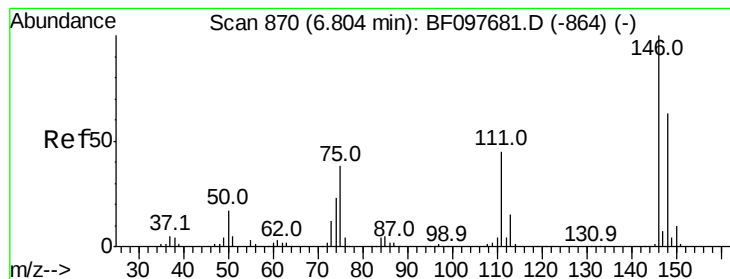
Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.6

75 34.2 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 38.254 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102179BS

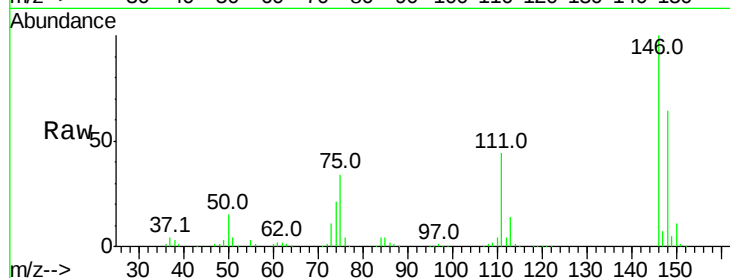
Tot Ion:146 Resp: 283811

Ion Ratio Lower Upper

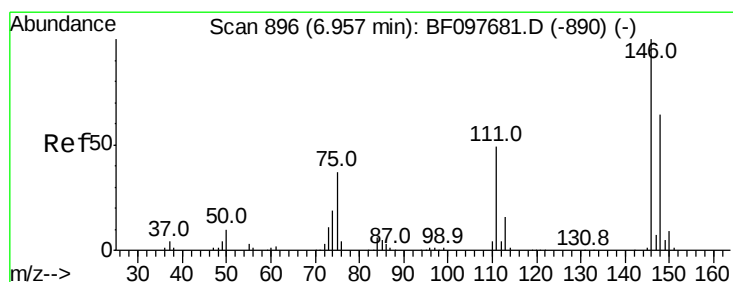
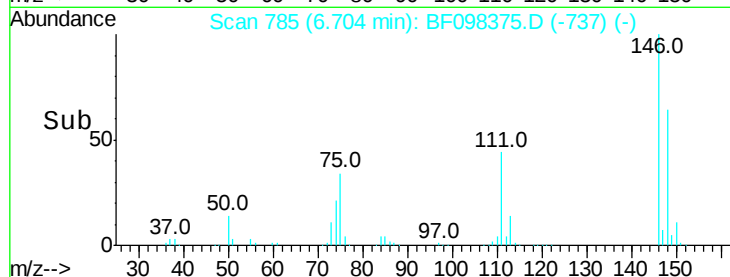
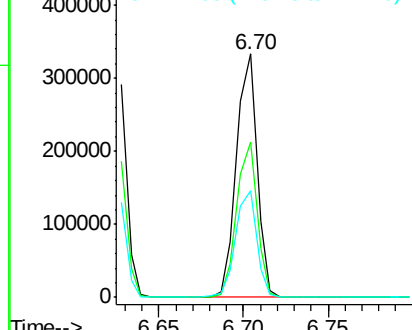
146 100

148 63.9 52.2 78.2

111 43.8 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: 38.030 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

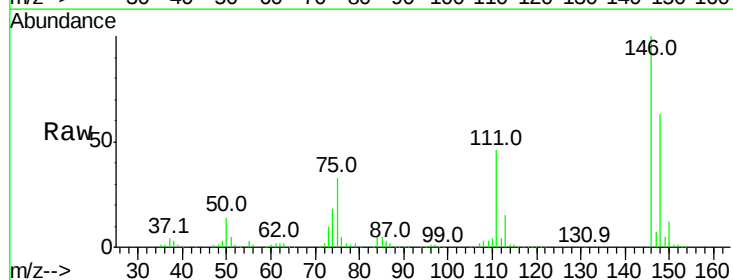
Tgt Ion:146 Resp: 260159

Ion Ratio Lower Upper

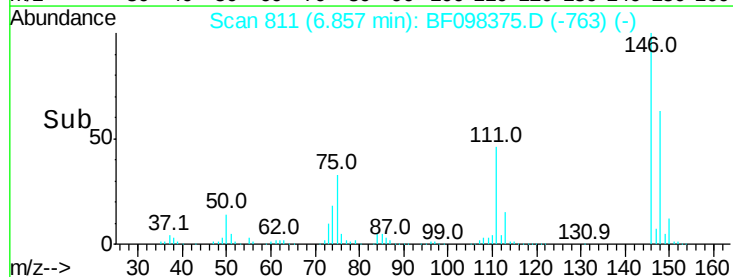
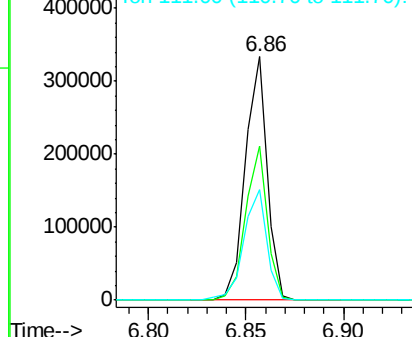
146 100

148 63.4 50.4 75.6

111 45.5 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: 34.624 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102179BS

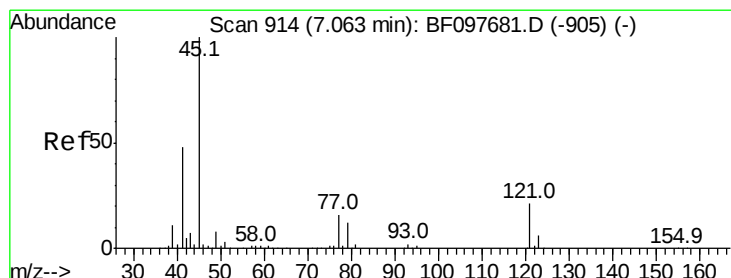
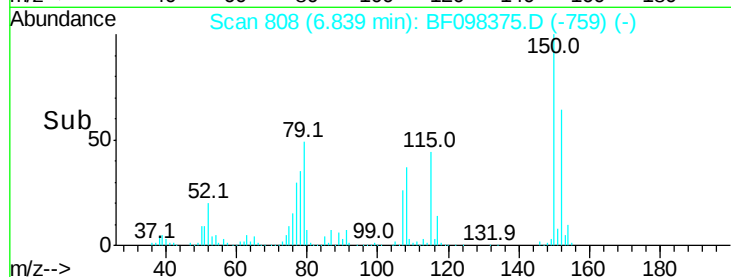
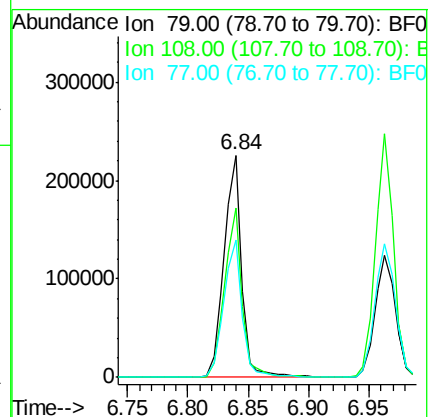
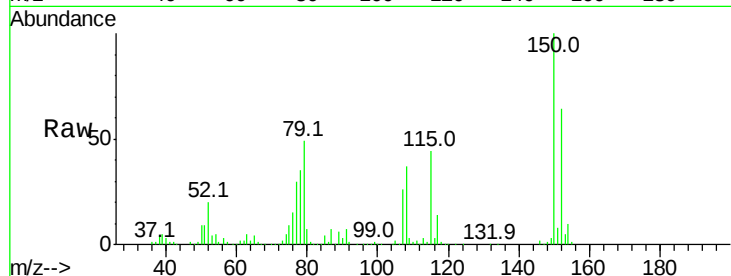
Tot Ion: 79 Resp: 226492

Ion Ratio Lower Upper

79 100

108 76.4 63.4 95.0

77 61.9 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.093 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

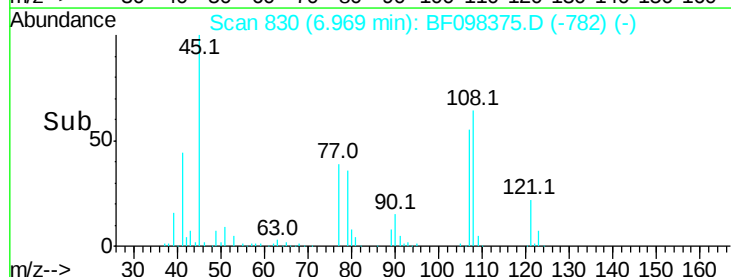
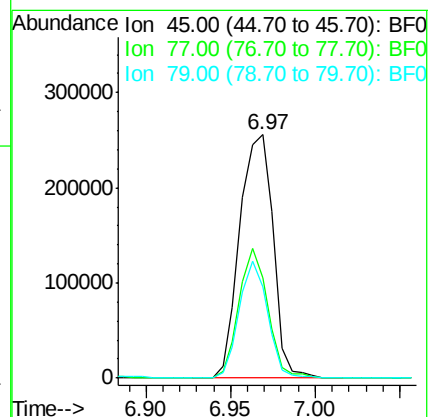
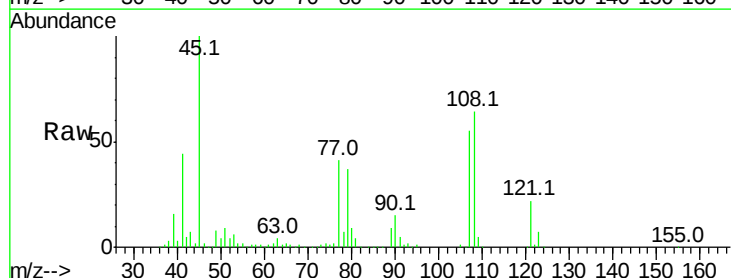
Tgt Ion: 45 Resp: 353785

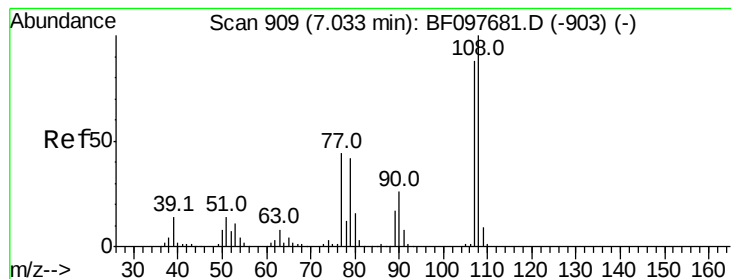
Ion Ratio Lower Upper

45 100

77 40.9 0.0 33.2#

79 37.5 0.0 30.0#





#17

2-Methylphenol

Concen: 37.465 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102179BS

Tot Ion:107 Resp: 223903

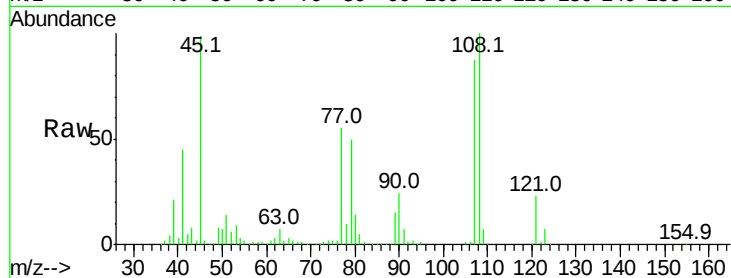
Ion Ratio Lower Upper

107 100

108 114.4 93.4 140.0

77 62.7 35.8 53.6#

79 57.1 34.8 52.2#

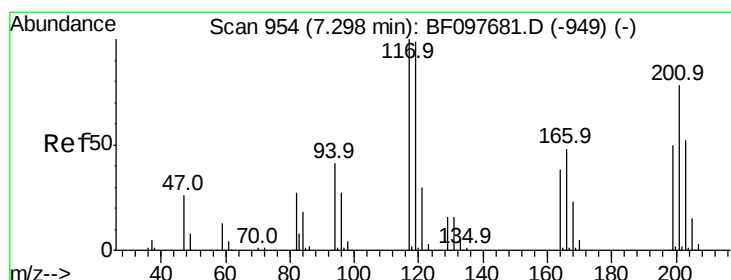
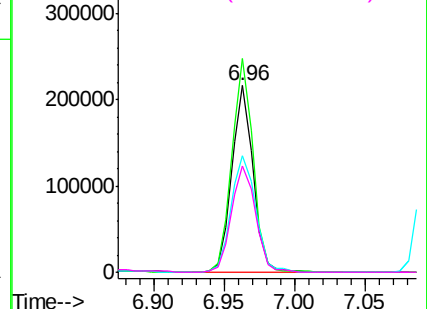
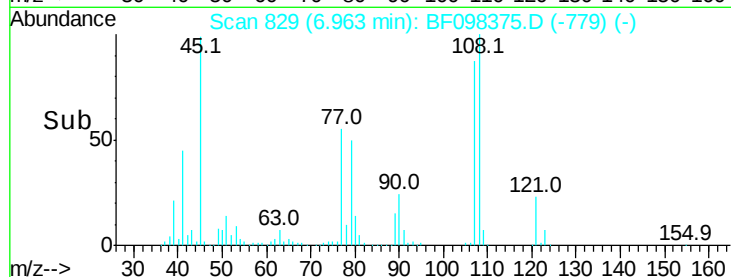


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 27.045 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

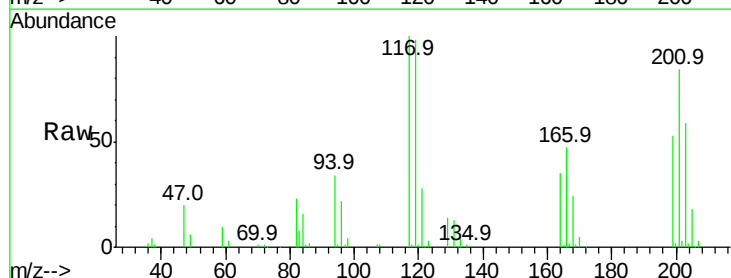
Tgt Ion:117 Resp: 78667

Ion Ratio Lower Upper

117 100

119 97.5 77.4 116.0

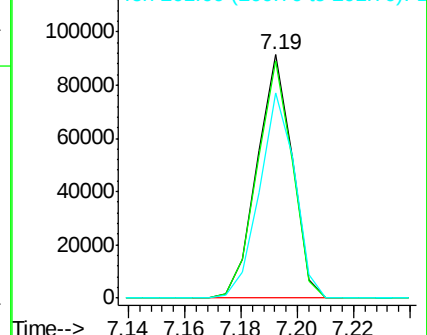
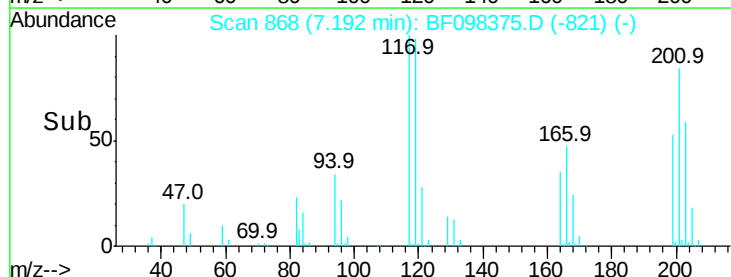
201 84.4 94.6 141.8#

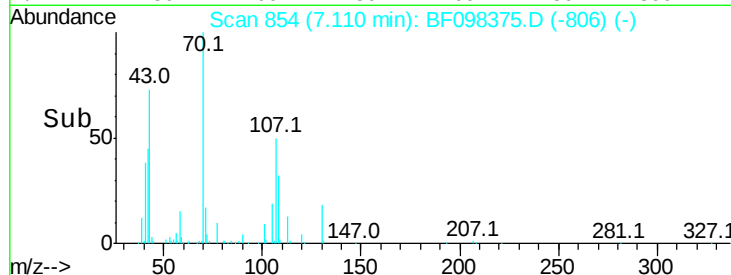
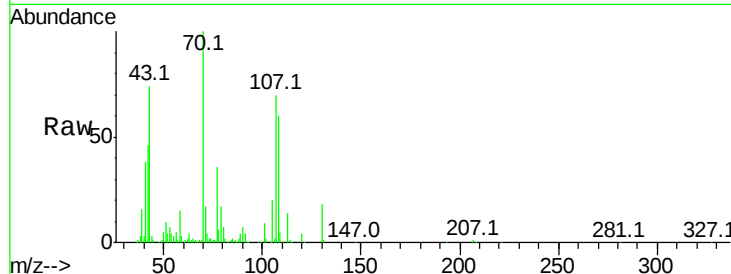
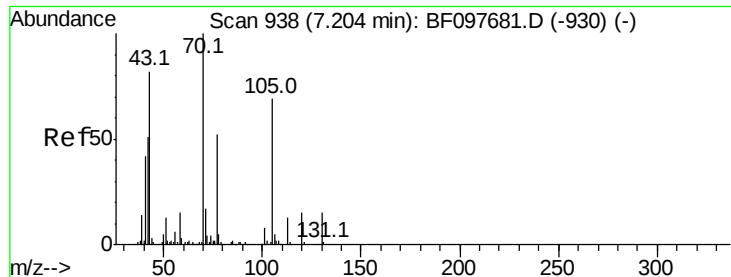


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

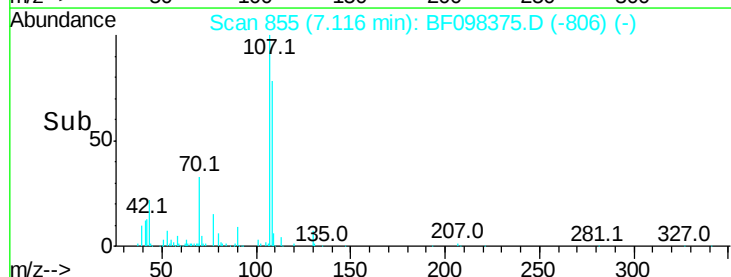
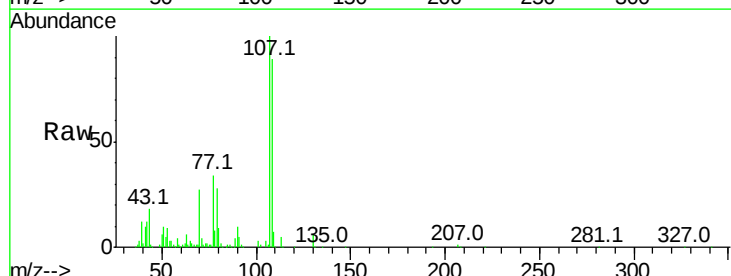
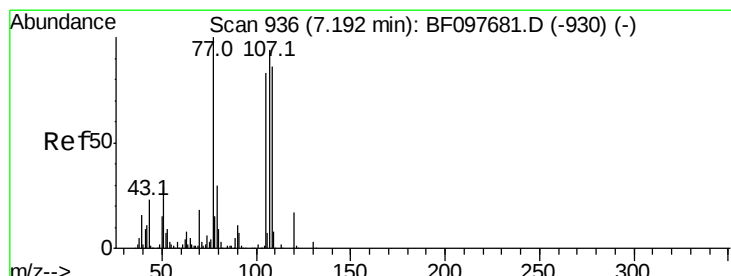
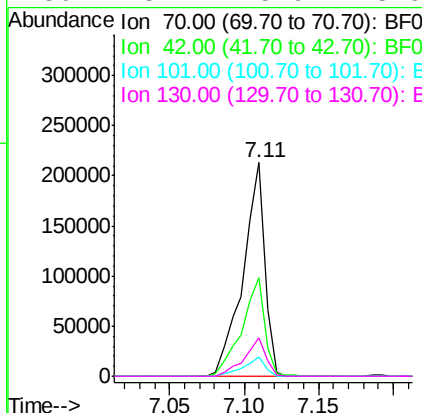




#19
n-Nitroso-di-n-propylamine
Concen: 36.290 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

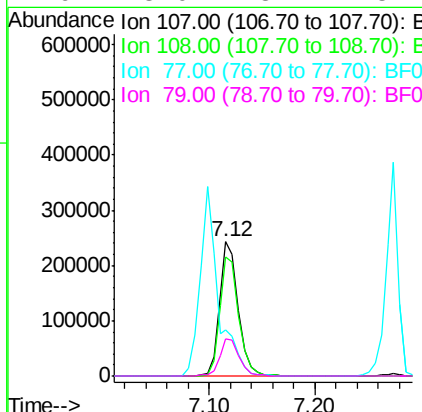
Instrument :
BNA_F
ClientSampleId :
PB102179BS

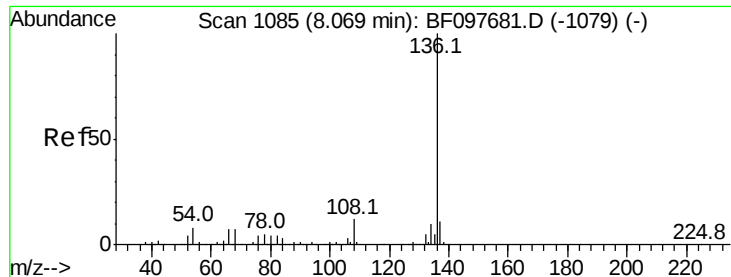
Tot Ion:	70	Resp:	217055
Ion	Ratio	Lower	Upper
70	100		
42	46.2	47.2	70.8#
101	9.1	7.2	10.8
130	18.2	15.9	23.9



#20
3+4-Methylphenols
Concen: 41.238 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Tgt Ion:	107	Resp:	301012
Ion	Ratio	Lower	Upper
107	100		
108	89.1	71.0	111.0
77	34.3	90.5	130.5#
79	28.0	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102179BS

Tot Ion:136 Resp: 353602

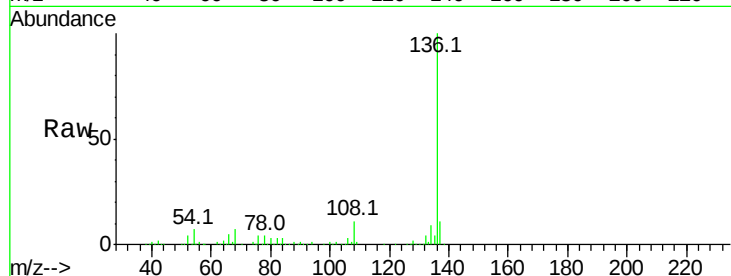
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.3 4.9 7.3

68 7.2 4.1 6.1#

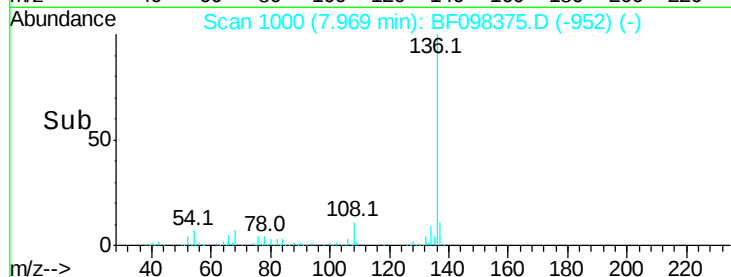


Abundance Ion 136.00 (135.70 to 136.70): E

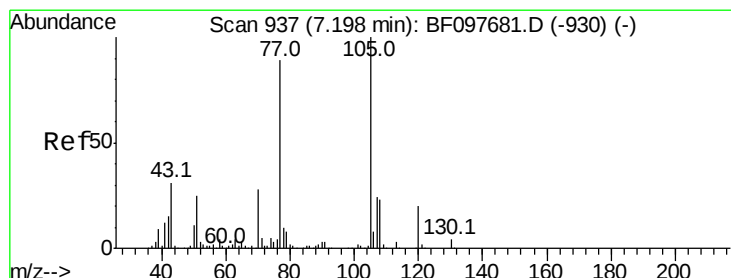
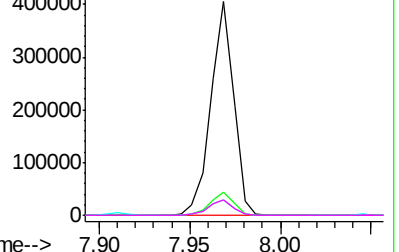
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 42.083 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Tgt Ion:105 Resp: 393114

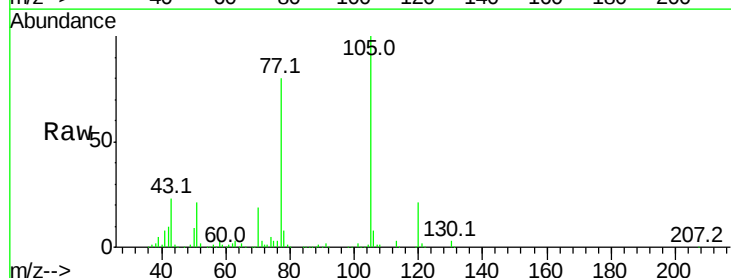
Ion Ratio Lower Upper

105 100

71 3.1 2.8 4.2

51 21.4 30.7 46.1#

120 21.2 17.4 26.0

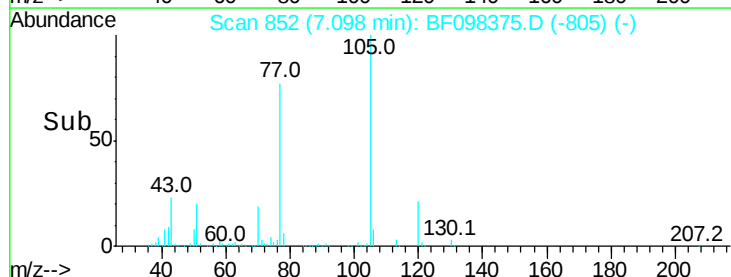


Abundance Ion 105.00 (104.70 to 105.70): E

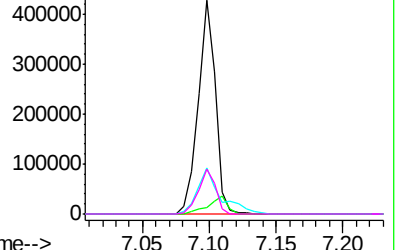
Ion 71.00 (70.70 to 71.70): BF0

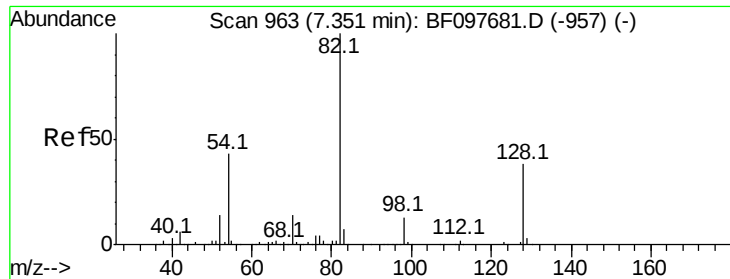
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

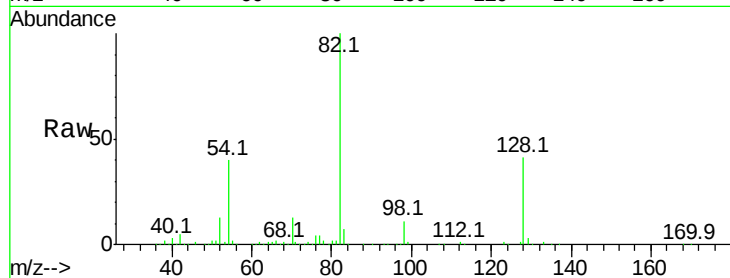




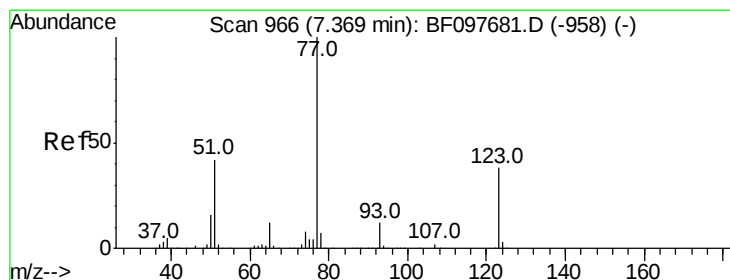
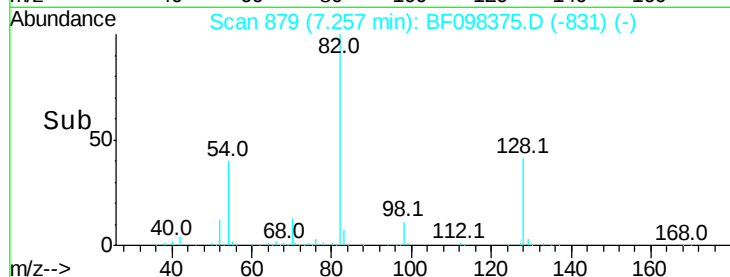
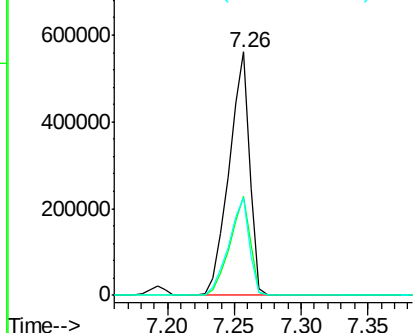
#23
Nitrobenzene-d5
Concen: 93.748 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Instrument :
BNA_F
ClientSampleId :
PB102179BS

Tot Ion: 82 Resp: 610214
Ion Ratio Lower Upper
82 100
128 40.9 34.0 51.0
54 39.9 42.2 63.2#

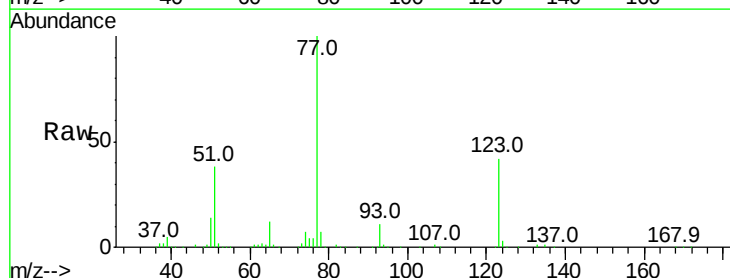


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

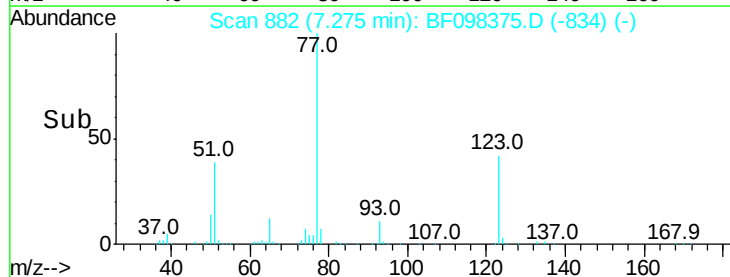
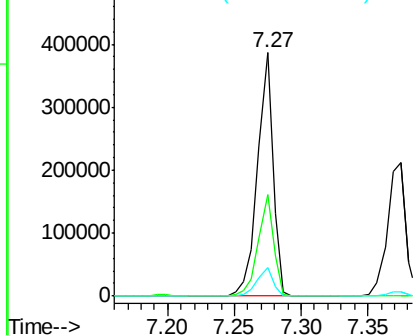


#24
Nitrobenzene
Concen: 42.559 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Tgt Ion: 77 Resp: 308445
Ion Ratio Lower Upper
77 100
123 41.5 35.8 53.8
65 11.7 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.851 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102179BS

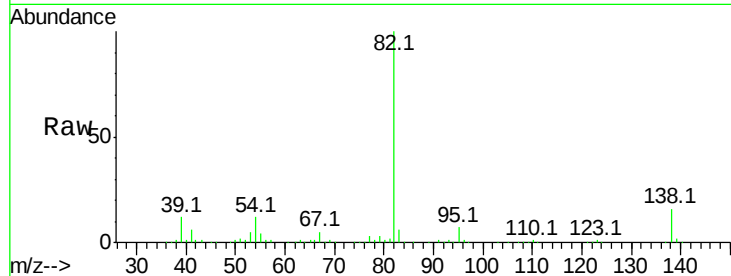
Tot Ion: 82 Resp: 552900

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

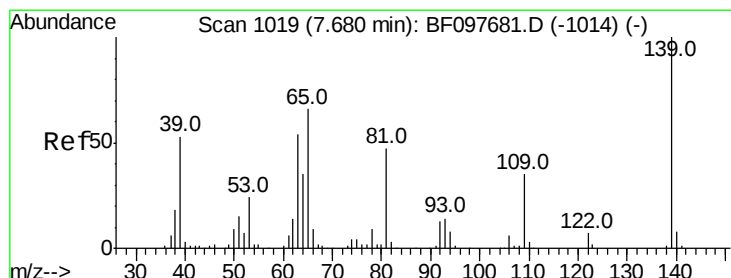
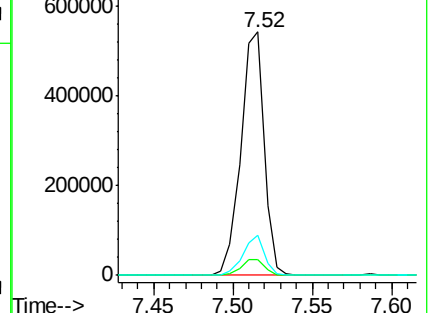
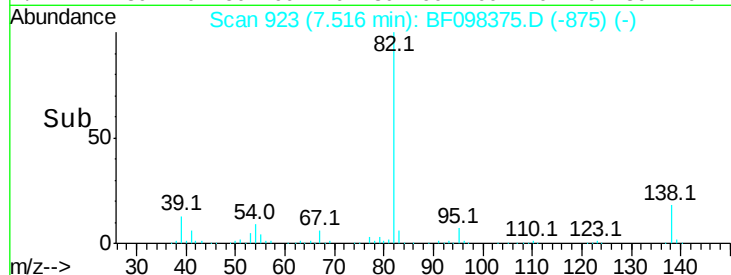
138 16.4 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 30.080 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

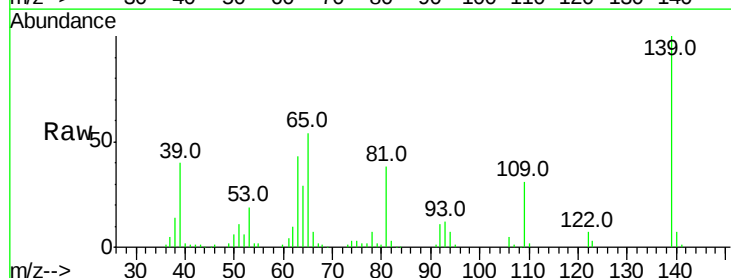
Tgt Ion:139 Resp: 73193

Ion Ratio Lower Upper

139 100

109 30.6 21.0 31.6

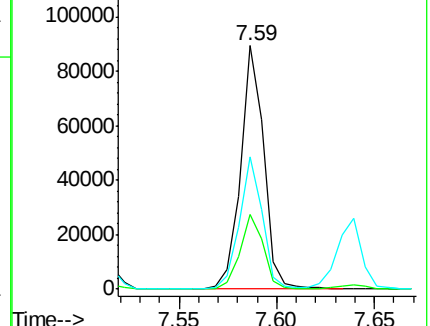
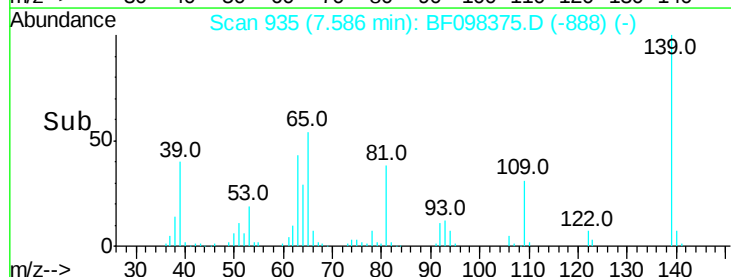
65 54.4 33.0 49.6#

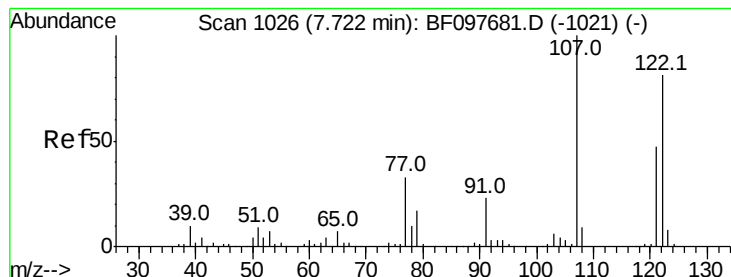


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

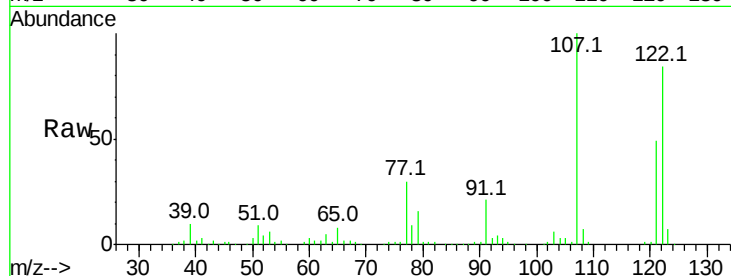




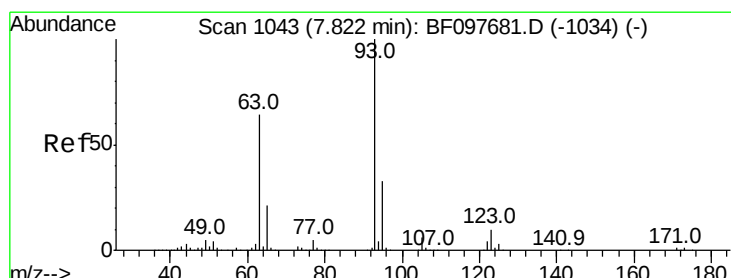
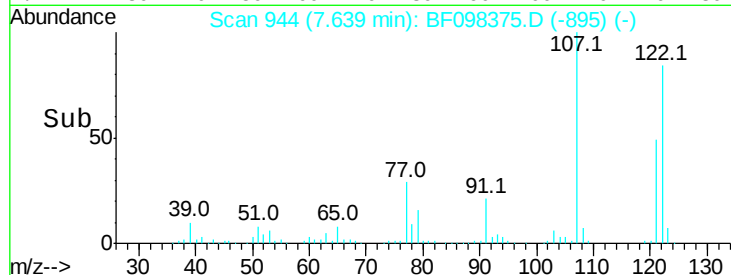
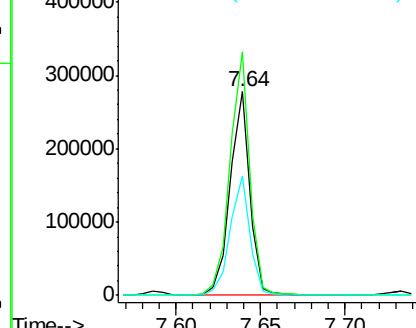
#27
 2,4-Dimethylphenol
 Concen: 39.906 ng
 RT: 7.64 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Instrument :
 BNA_F
 ClientSampleId :
 PB102179BS

Tot Ion:	122	Resp:	225256
Ion	Ratio	Lower	Upper
122	100		
107	119.5	89.2	133.8
121	58.4	45.2	67.8

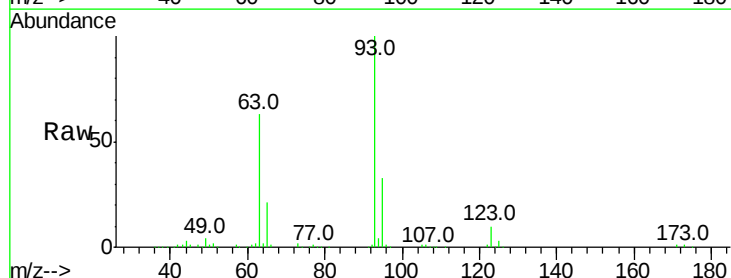


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

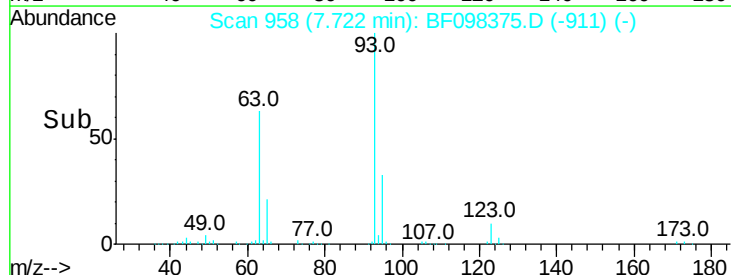
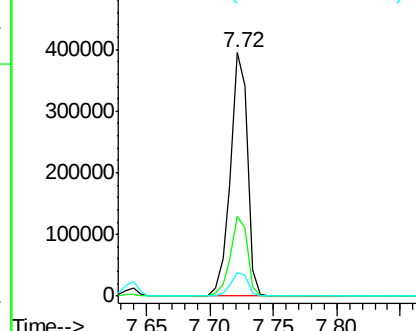


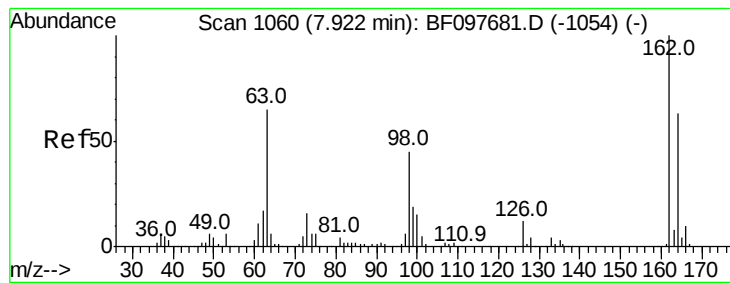
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.264 ng
 RT: 7.72 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Tgt Ion:	93	Resp:	367176
Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.5	39.7
123	9.6	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: 37.196 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102179BS

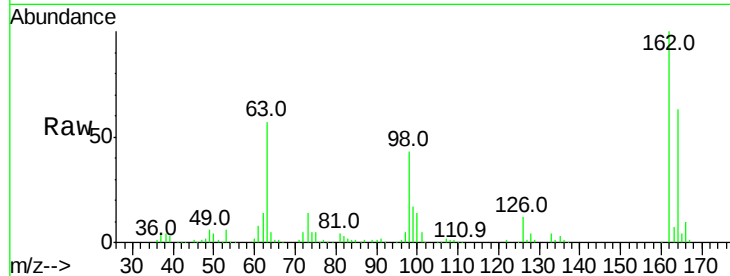
Tot Ion:162 Resp: 174286

Ion Ratio Lower Upper

162 100

164 62.9 44.6 84.6

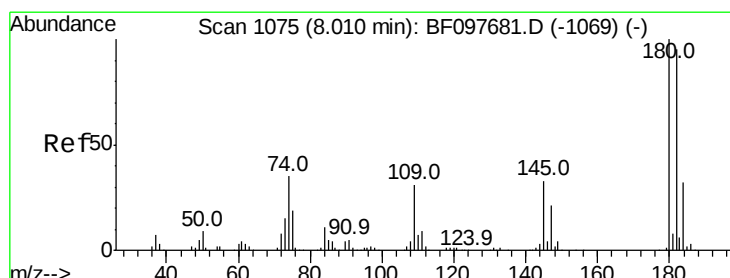
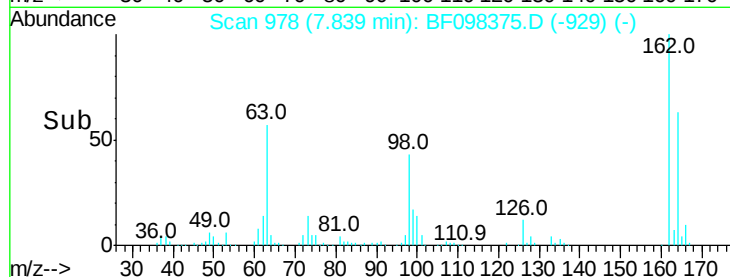
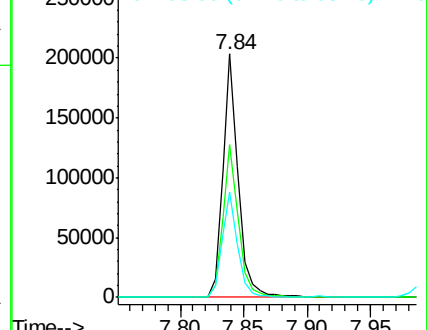
98 43.3 14.8 54.8



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: 39.508 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

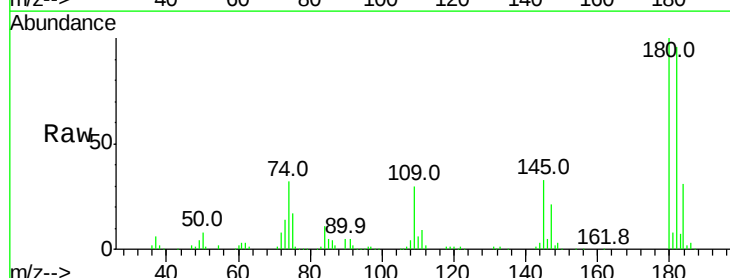
Tgt Ion:180 Resp: 205216

Ion Ratio Lower Upper

180 100

182 96.4 75.8 113.6

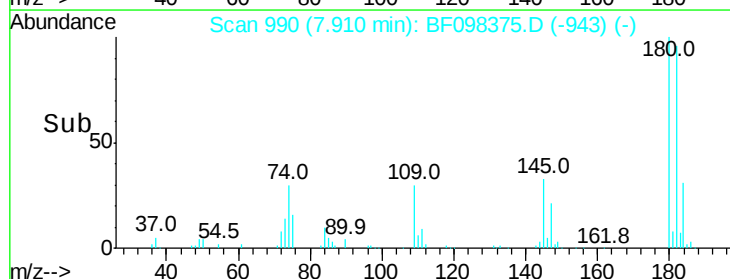
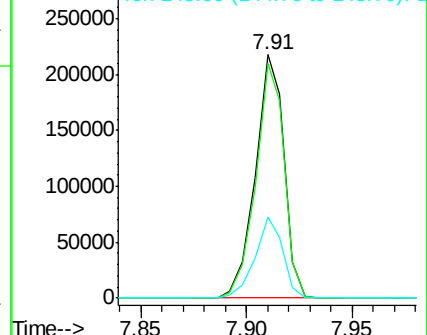
145 33.5 25.3 37.9

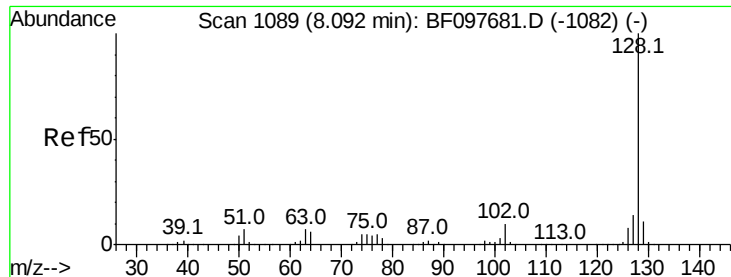


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.799 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102179BS

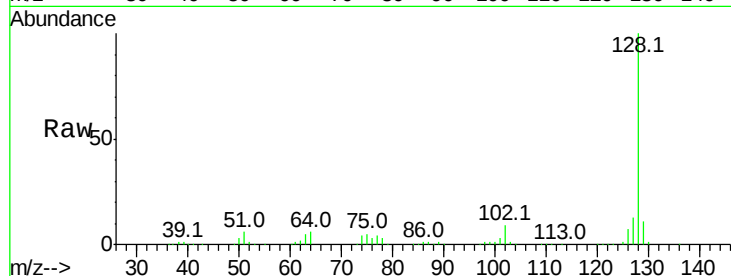
Tot Ion:128 Resp: 712240

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

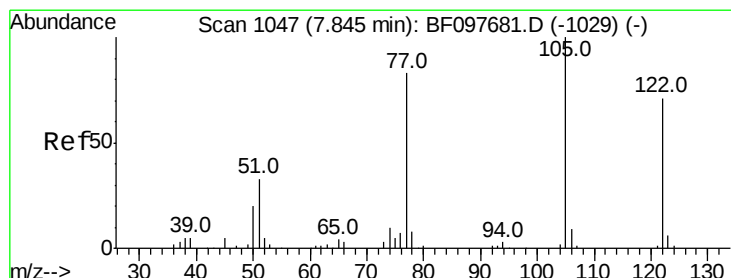
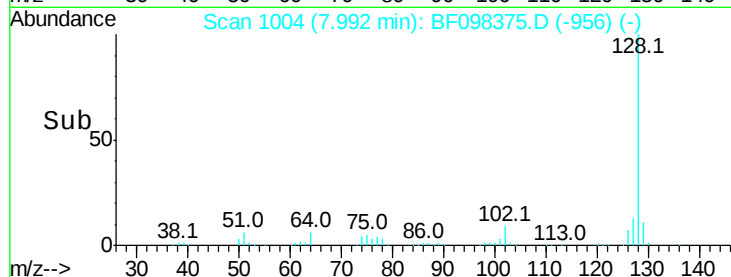
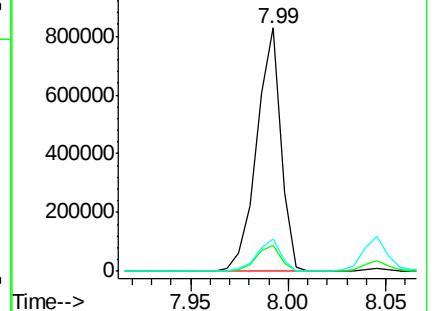
127 13.4 10.8 16.2



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: 9.365 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.00 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

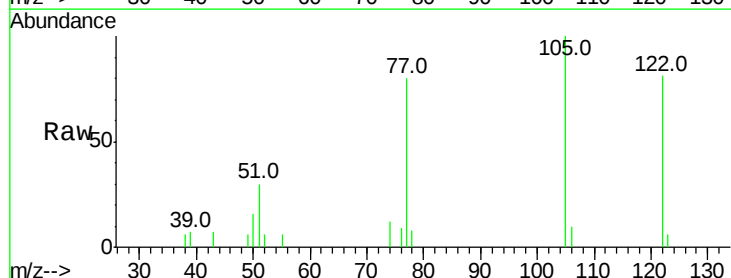
Tgt Ion:122 Resp: 14052

Ion Ratio Lower Upper

122 100

105 122.7 103.3 143.3

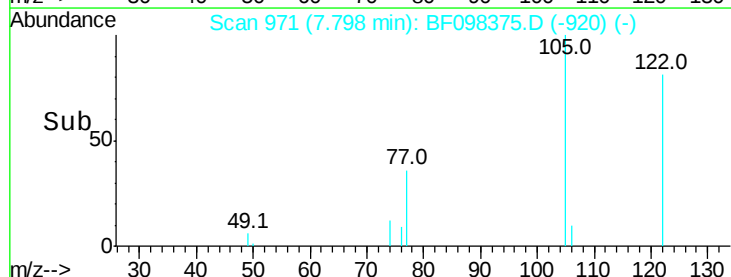
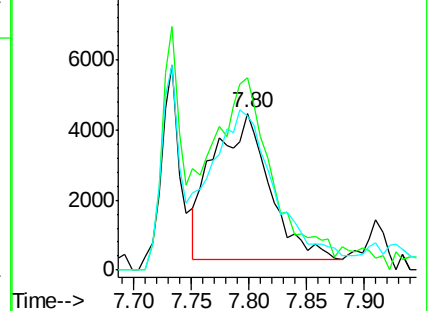
77 97.8 73.7 113.7

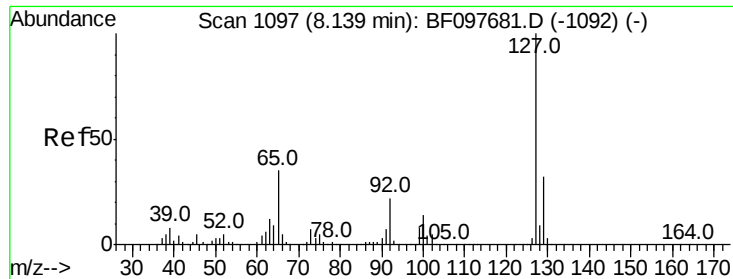


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

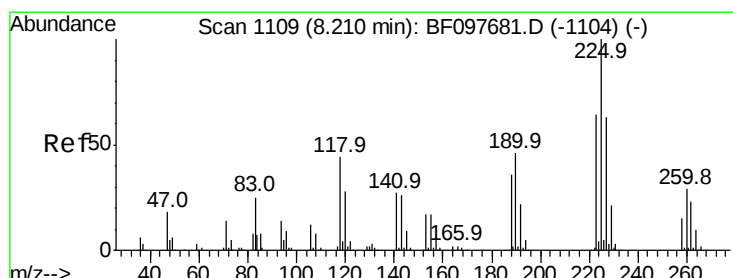
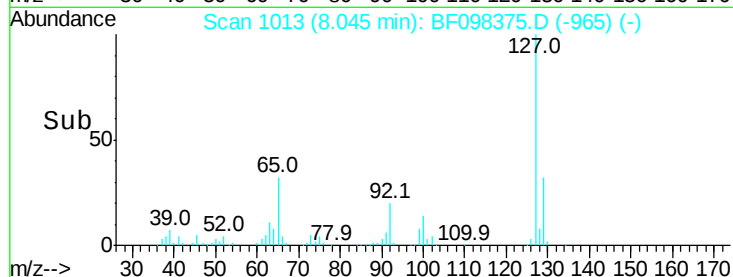
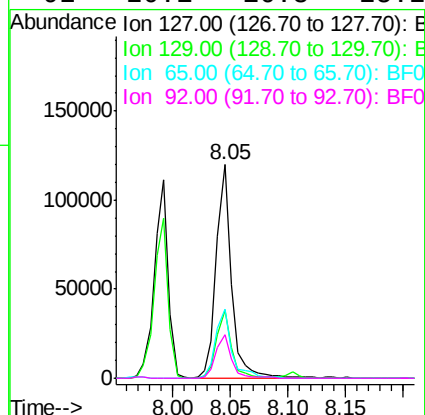
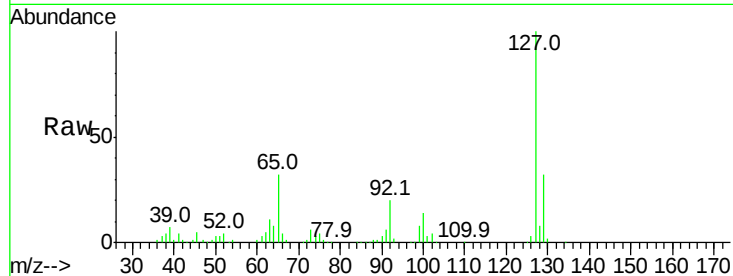




#33
4-Chloroaniline
Concen: 14.320 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

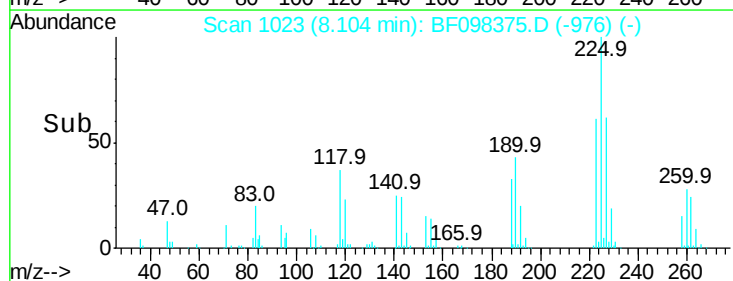
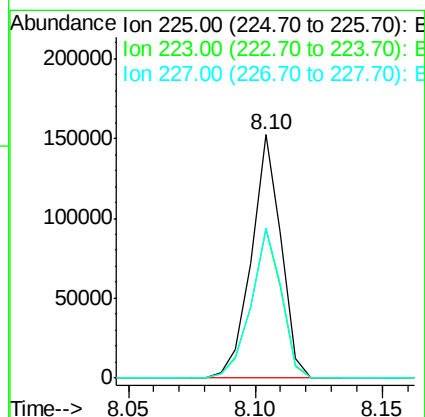
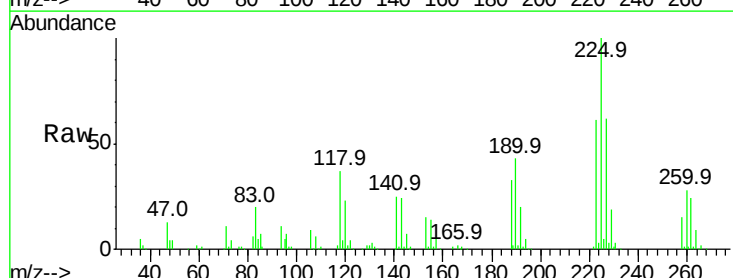
Instrument :
BNA_F
ClientSampleId :
PB102179BS

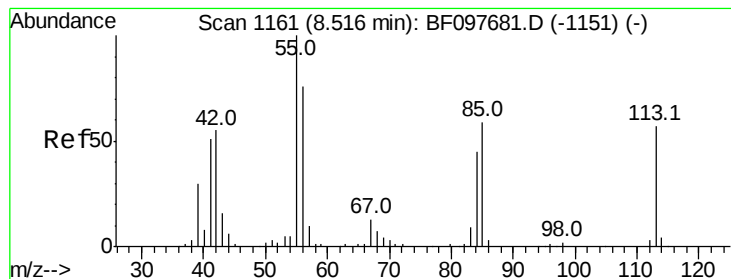
Tot Ion:	127	Resp:	110862
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.2
65	32.4	27.8	41.8
92	20.1	16.8	25.2



#34
Hexachlorobutadiene
Concen: 40.686 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Tgt Ion:	225	Resp:	123394
Ion	Ratio	Lower	Upper
225	100		
223	61.2	48.8	73.2
227	61.8	51.1	76.7





#35

Caprolactam

Concen: 34.831 ng

RT: 8.42 min Scan# 1076

Delta R.T. -0.04 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102179BS

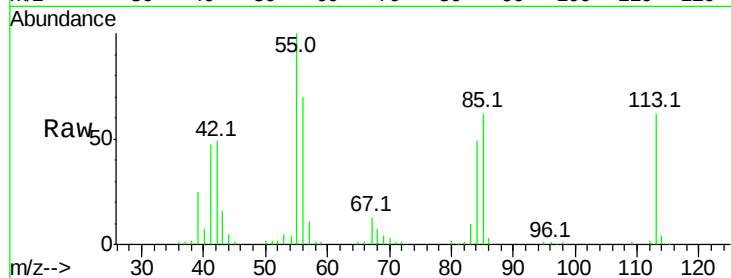
Tot Ion:113 Resp: 55484

Ion Ratio Lower Upper

113 100

55 162.5 150.2 190.2

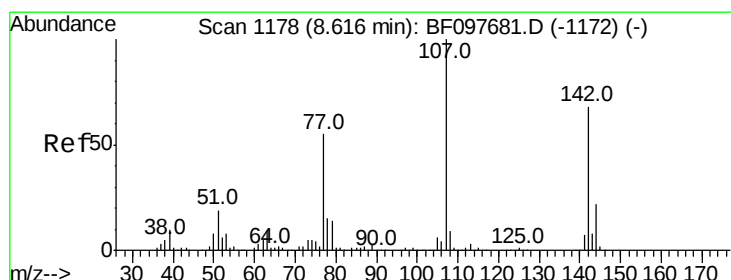
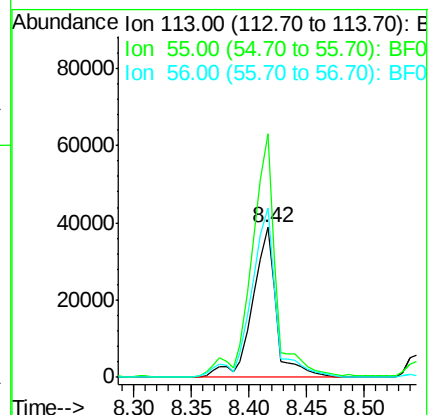
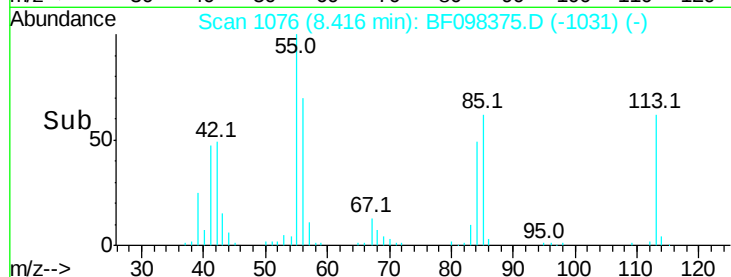
56 113.5 107.8 147.8



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: 32.622 ng

RT: 8.55 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

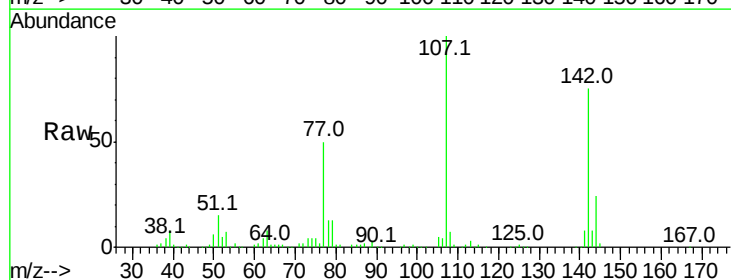
Tgt Ion:107 Resp: 196391

Ion Ratio Lower Upper

107 100

144 24.1 24.2 36.4#

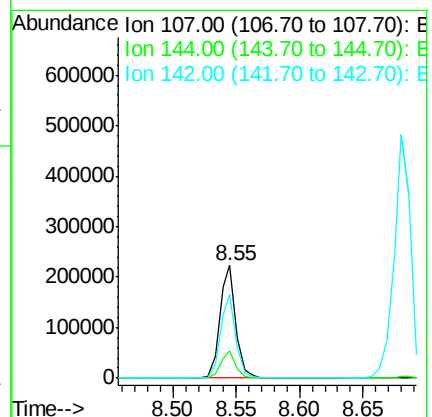
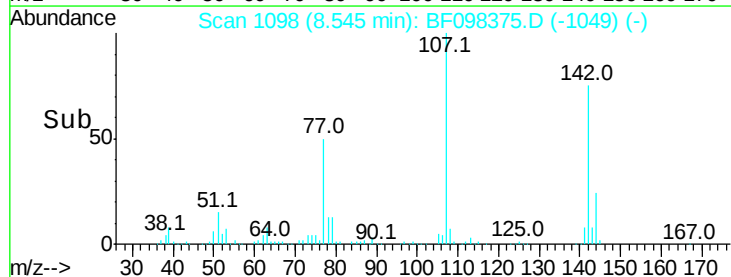
142 74.6 73.4 110.0

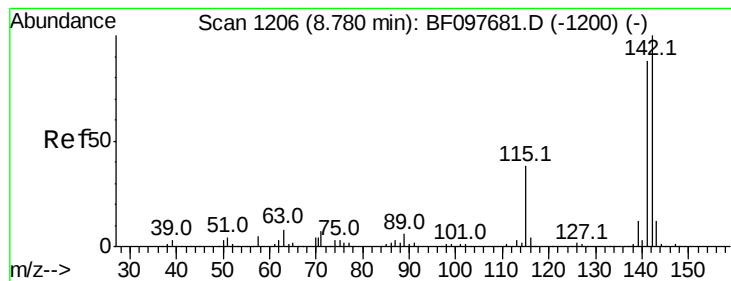


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.873 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102179BS

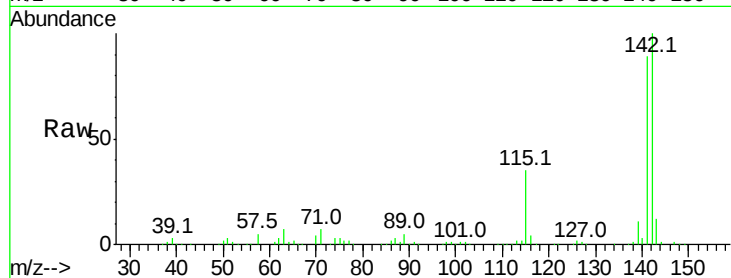
Tot Ion:142 Resp: 437501

Ion Ratio Lower Upper

142 100

141 88.6 71.3 106.9

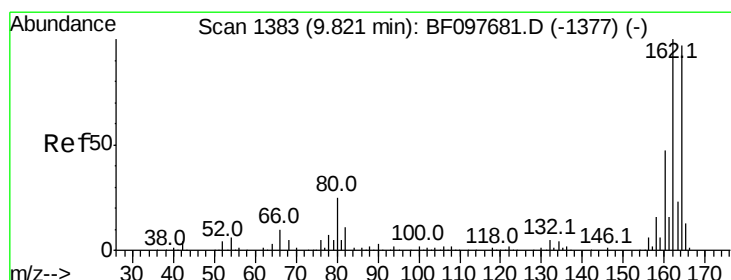
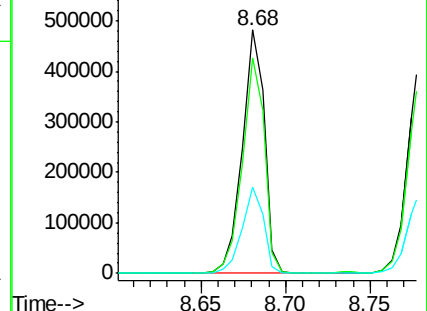
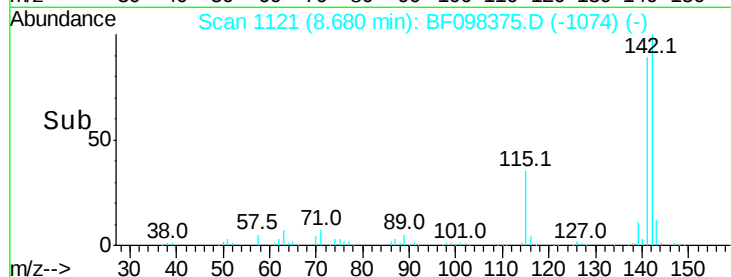
115 35.4 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

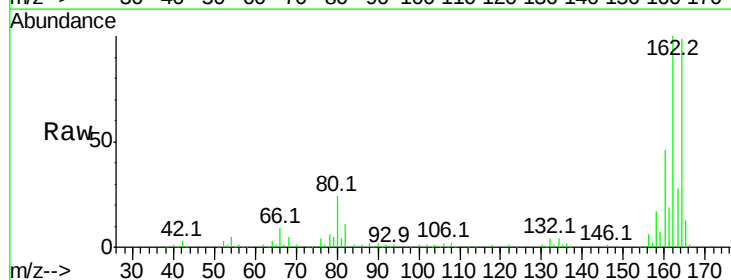
Tgt Ion:164 Resp: 128377

Ion Ratio Lower Upper

164 100

162 100.6 82.6 123.8

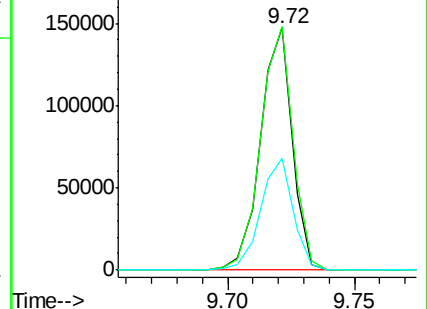
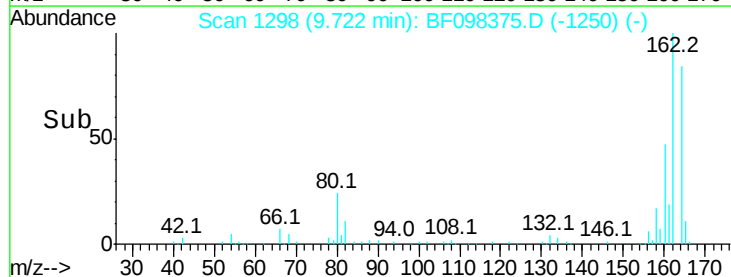
160 45.9 36.2 54.2

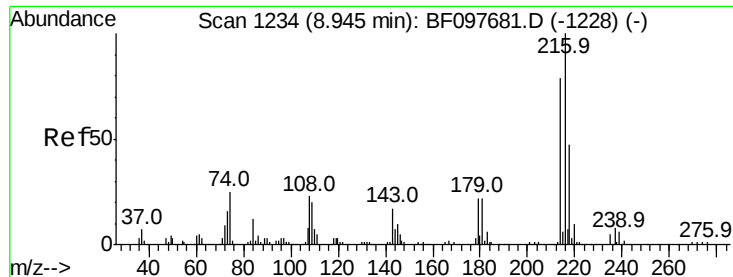


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

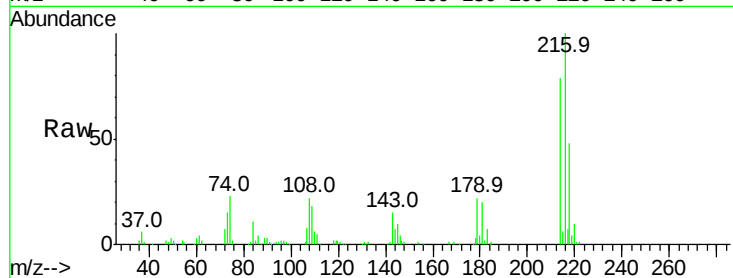




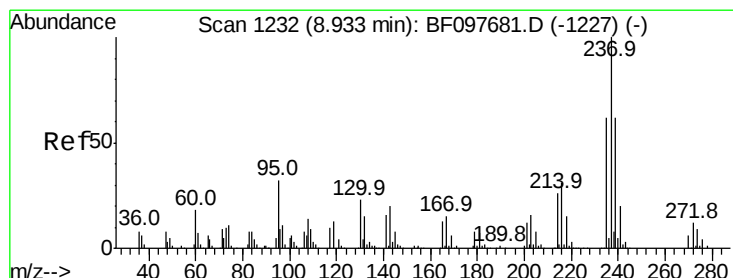
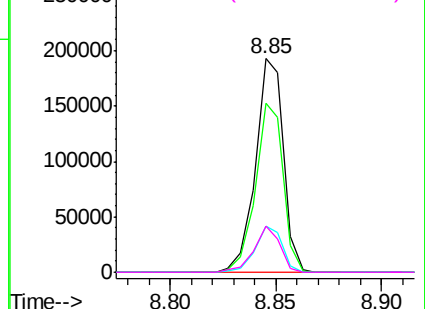
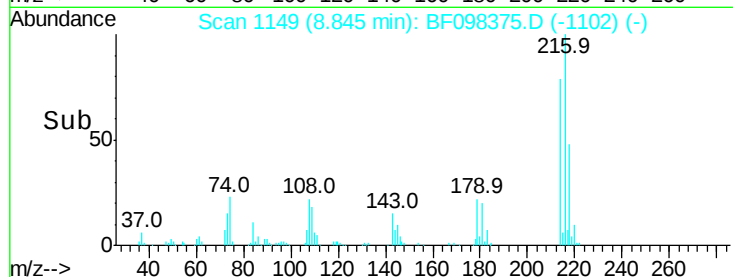
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.088 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Instrument :
 BNA_F
 ClientSampleId :
 PB102179BS

Tot Ion:	216	Resp:	177641
Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.4	95.2
179	21.1	17.9	26.9
108	20.3	16.5	24.7

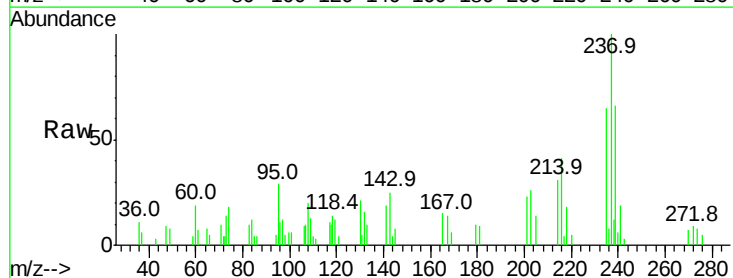


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

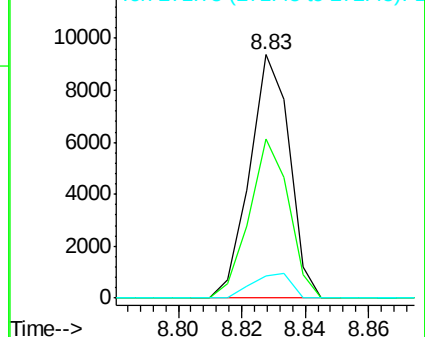
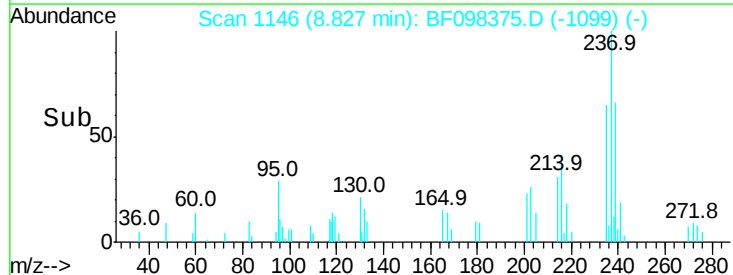


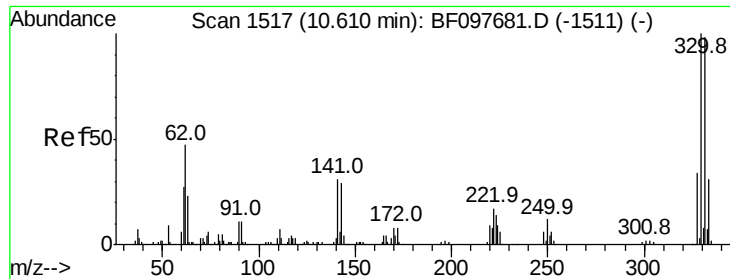
#40
 Hexachlorocyclopentadiene
 Concen: 4.306 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Tgt Ion:	237	Resp:	8150
Ion	Ratio	Lower	Upper
237	100		
235	65.2	42.6	82.6
272	9.1	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

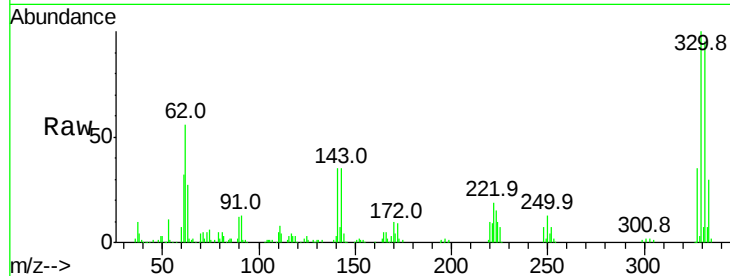




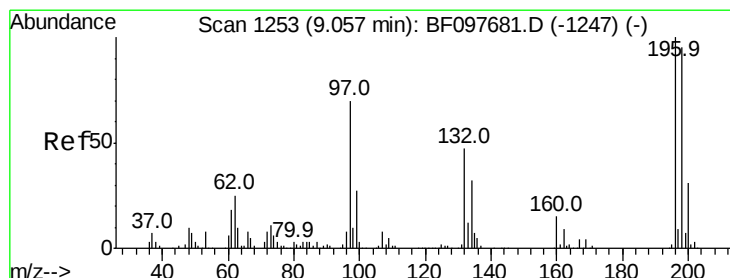
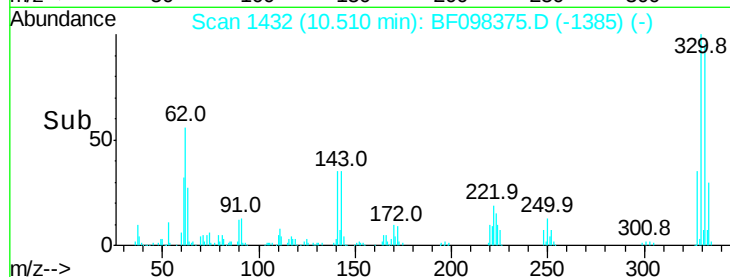
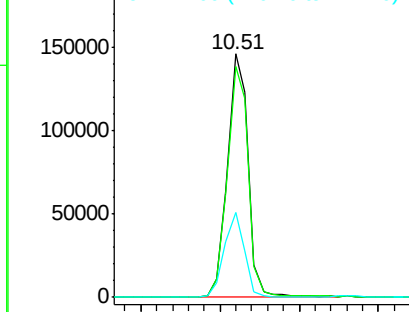
#41
 2,4,6-Tribromophenol
 Concen: 118.944 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Instrument :
 BNA_F
 ClientSampleId :
 PB102179BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	34.2	31.4	47.2

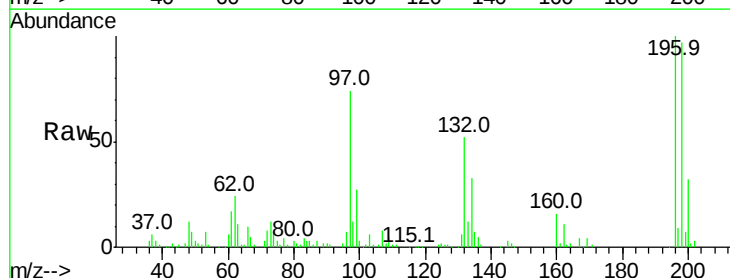


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

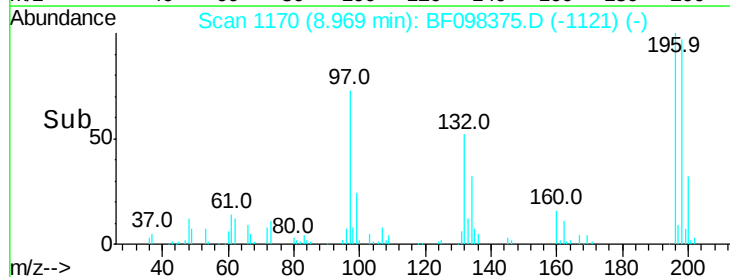
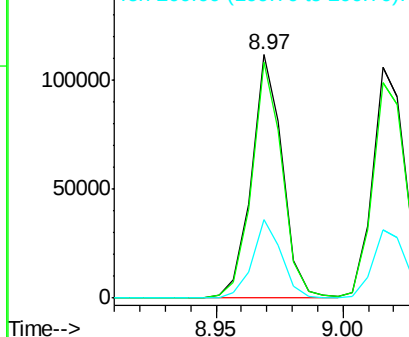


#42
 2,4,6-Trichlorophenol
 Concen: 35.788 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	74.2	111.4
200	32.1	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

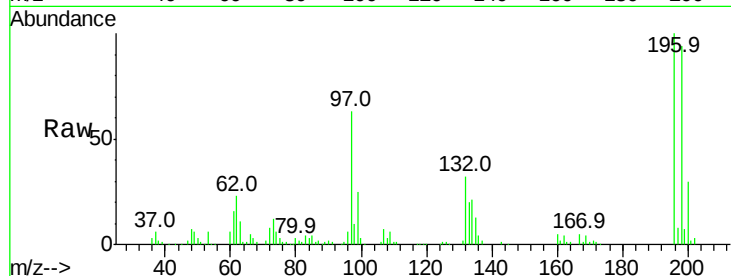




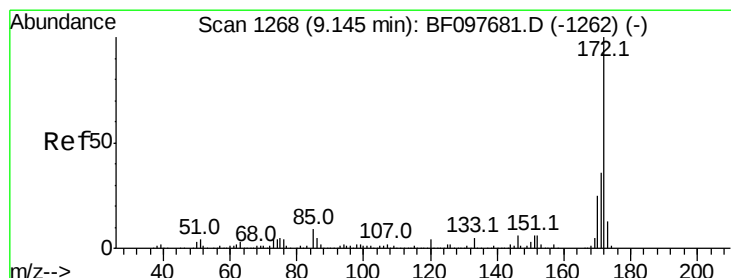
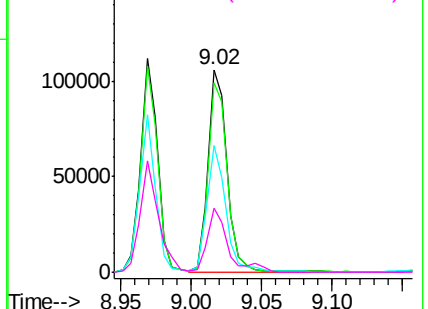
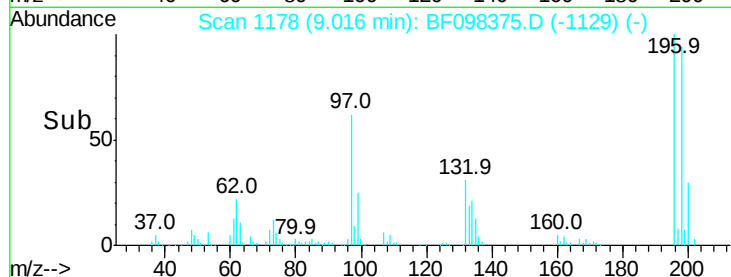
#43
 2,4,5-Trichlorophenol
 Concen: 37.977 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Instrument :
 BNA_F
 ClientSampleId :
 PB102179BS

Tot Ion:196 Resp: 99658
 Ion Ratio Lower Upper
 196 100
 198 93.6 75.7 113.5
 97 62.7 47.7 71.5
 132 31.5 28.0 42.0

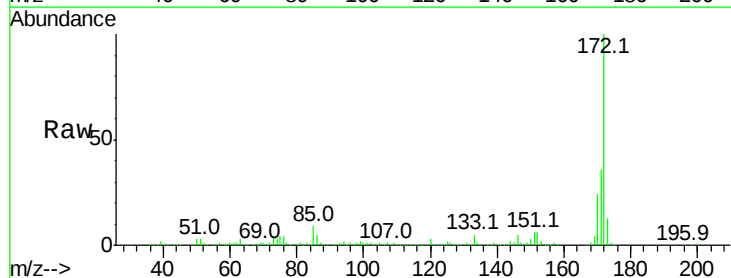


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

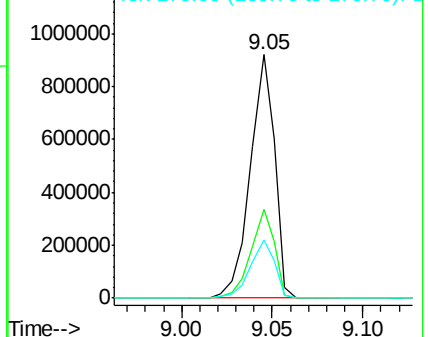
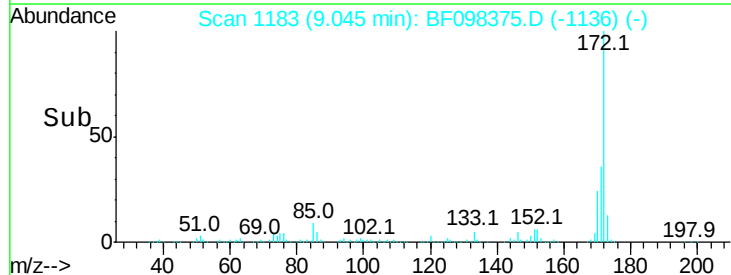


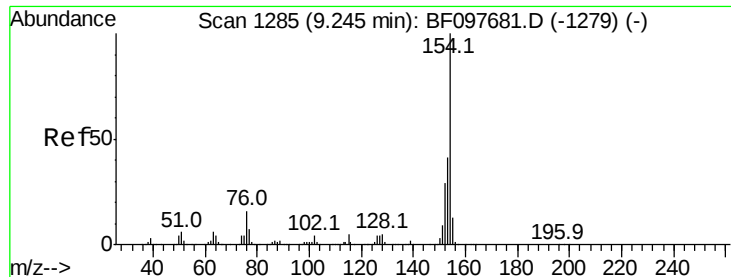
#44
 2-Fluorobiphenyl
 Concen: 98.026 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Tgt Ion:172 Resp: 856537
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.9 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.490 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102179BS

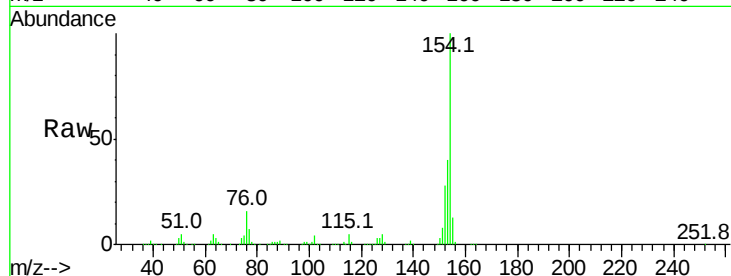
Tot Ion:154 Resp: 497424

Ion Ratio Lower Upper

154 100

153 40.4 21.2 61.2

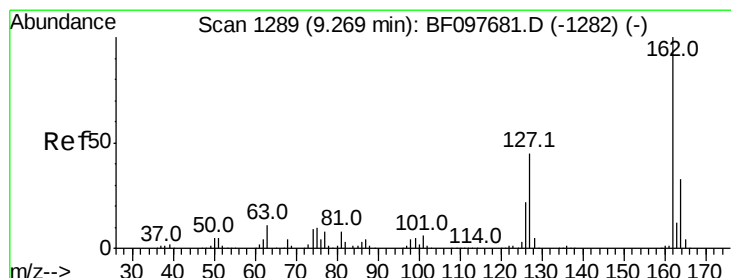
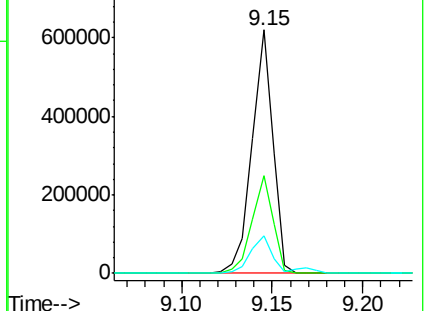
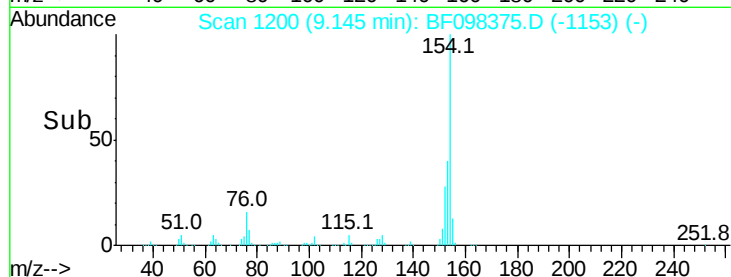
76 15.7 0.0 29.9



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: 40.431 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

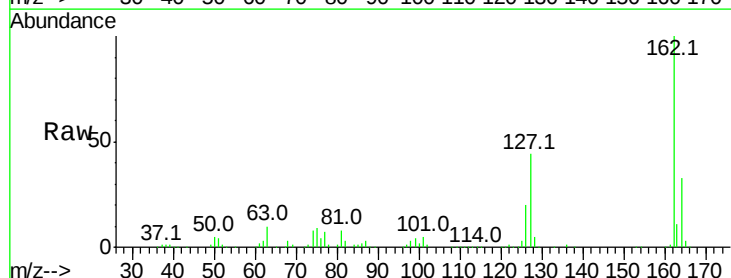
Tgt Ion:162 Resp: 349720

Ion Ratio Lower Upper

162 100

127 43.6 28.3 42.5#

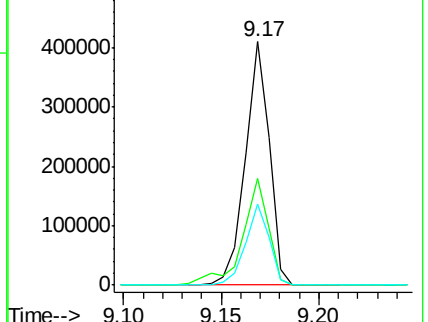
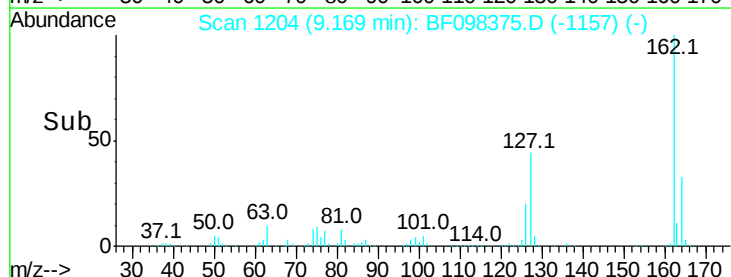
164 33.1 27.0 40.4

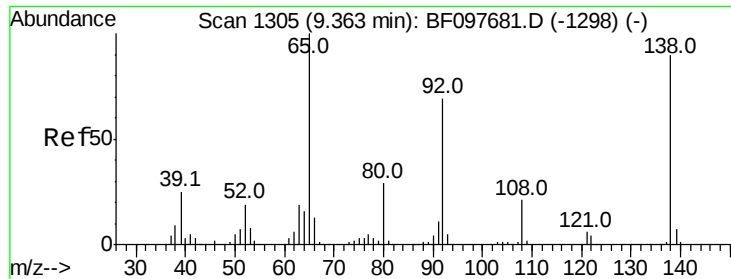


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

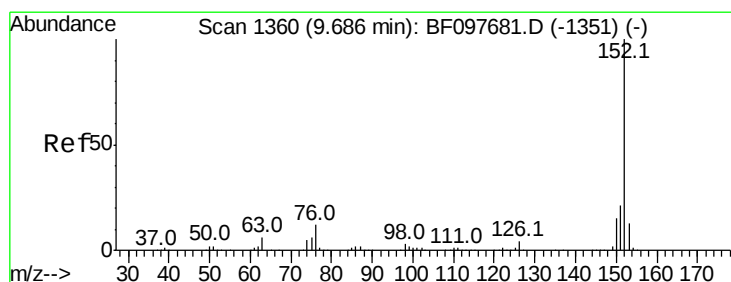
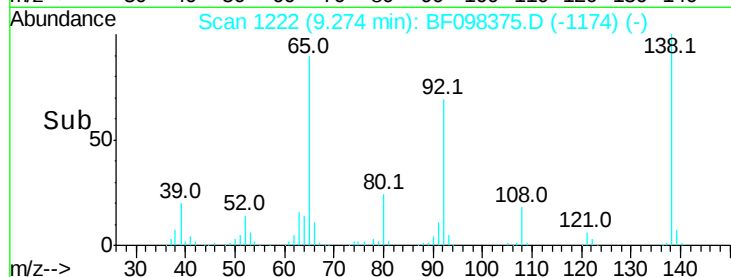
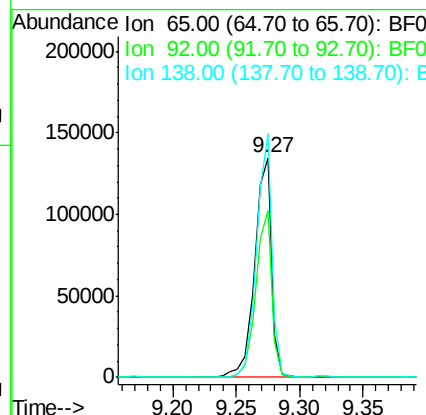
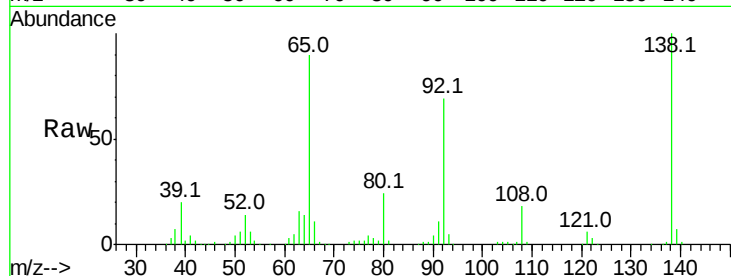




#47
 2-Nitroaniline
 Concen: 43.543 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

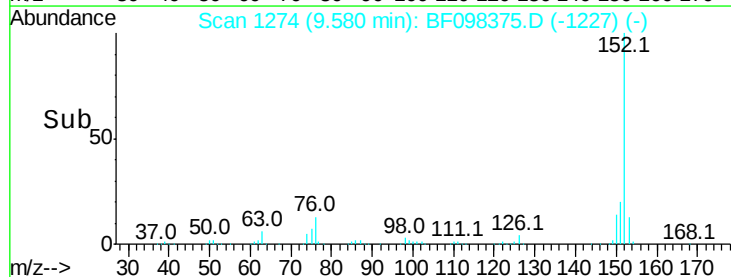
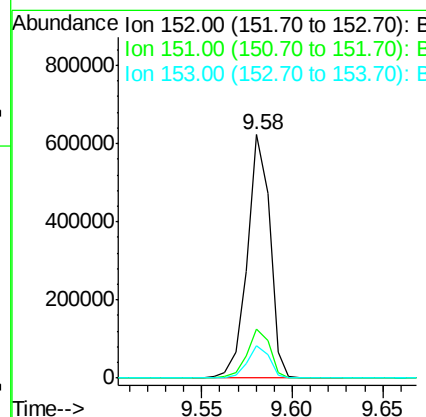
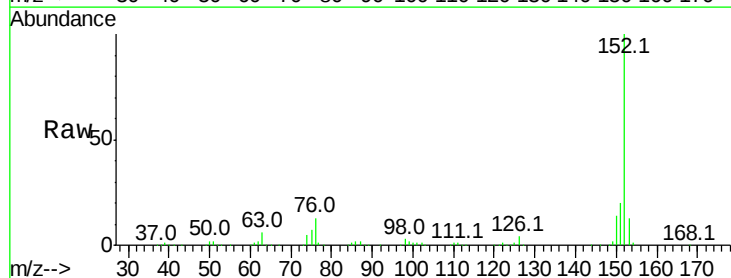
Instrument :
 BNA_F
 ClientSampleId :
 PB102179BS

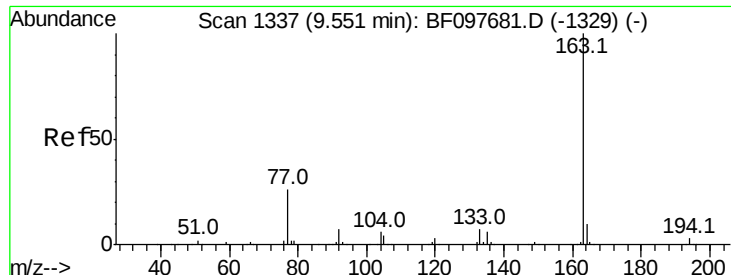
Tot Ion: 65 Resp: 126266
 Ion Ratio Lower Upper
 65 100
 92 76.1 53.9 80.9
 138 111.0 78.8 118.2



#48
 Acenaphthylene
 Concen: 39.657 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Tgt Ion: 152 Resp: 538681
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.8 25.2
 153 13.4 10.8 16.2





#49

Dimethylphthalate

Concen: 46.864 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102179BS

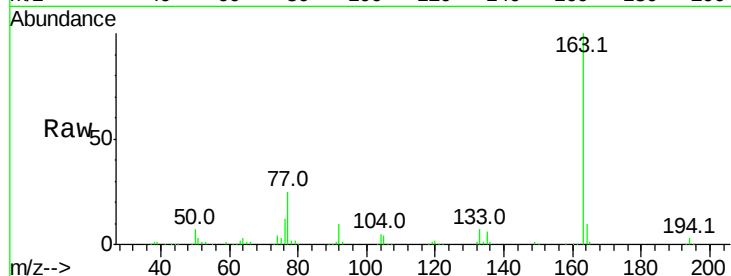
Tot Ion:163 Resp: 439771

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

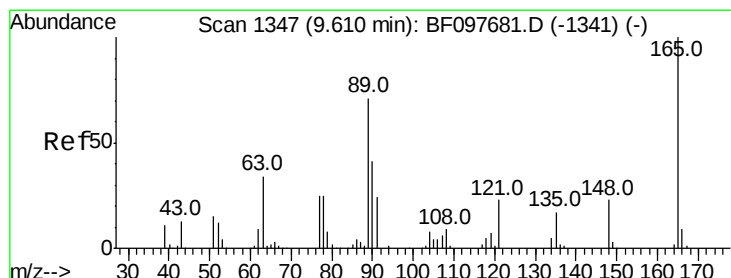
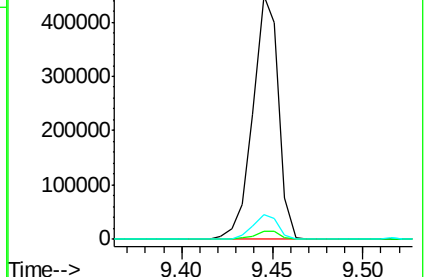
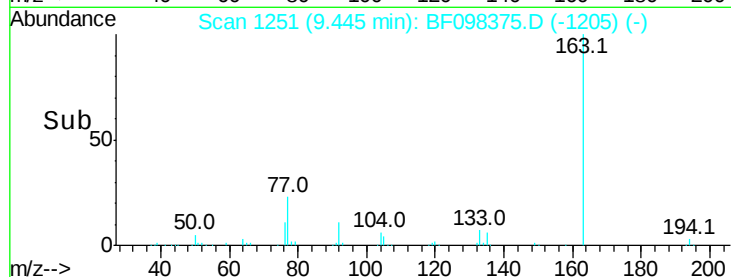
164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.557 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

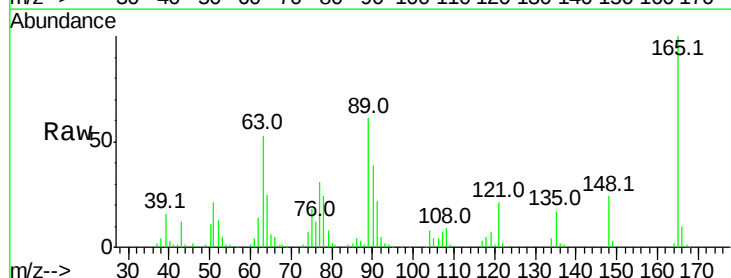
Tgt Ion:165 Resp: 79714

Ion Ratio Lower Upper

165 100

63 52.6 34.3 51.5#

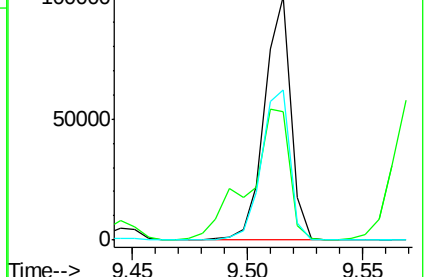
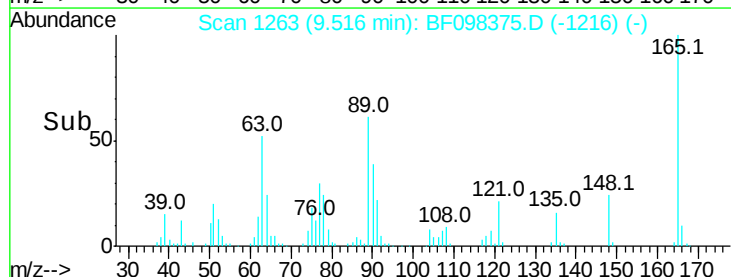
89 61.5 37.1 55.7#

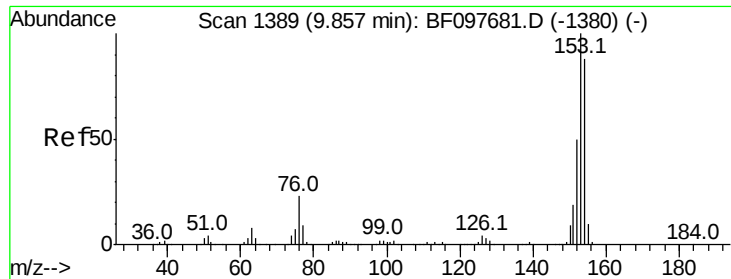


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.034 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102179BS

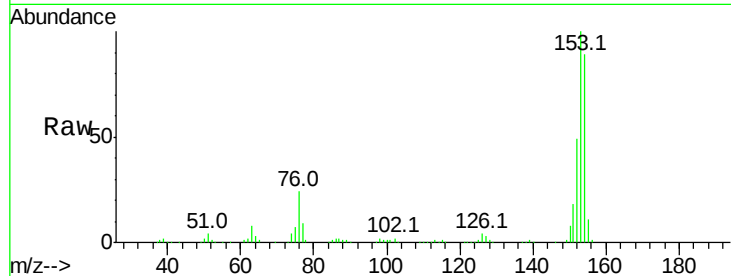
Tot Ion:154 Resp: 317263

Ion Ratio Lower Upper

154 100

153 112.9 90.5 135.7

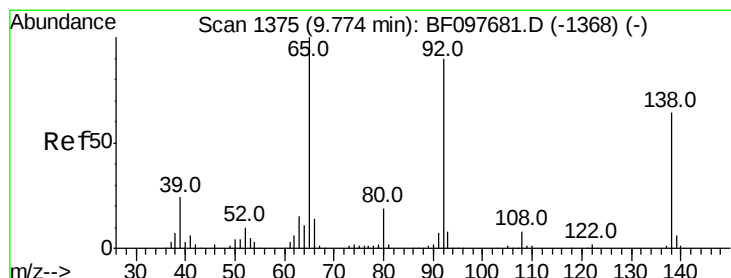
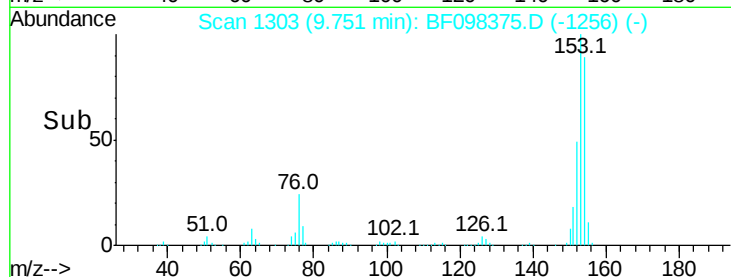
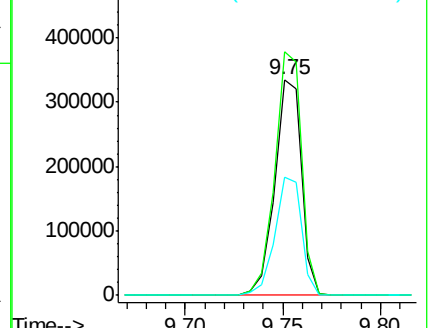
152 54.9 43.6 65.4



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: 40.538 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

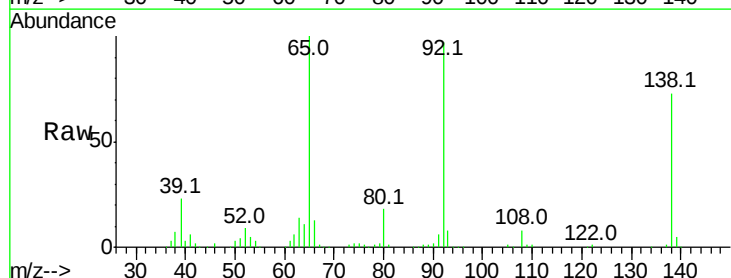
Tgt Ion:138 Resp: 97969

Ion Ratio Lower Upper

138 100

108 11.4 9.1 13.7

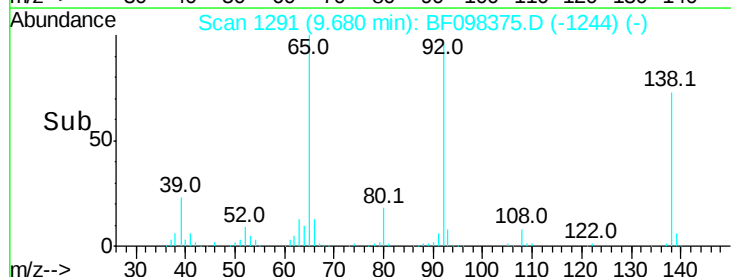
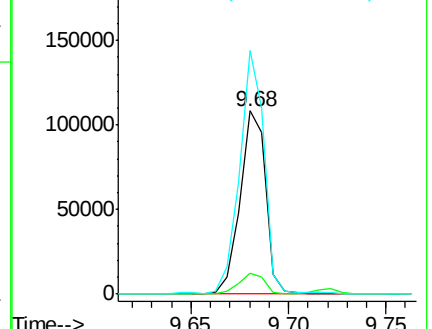
92 133.0 93.8 140.6

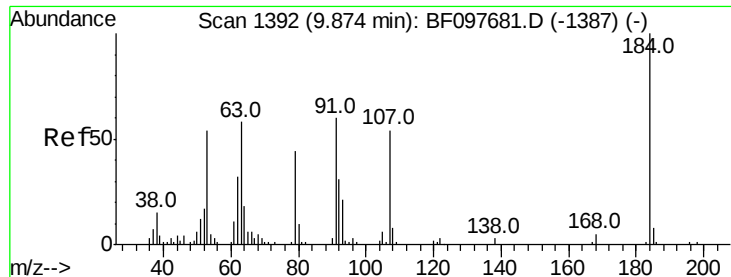


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

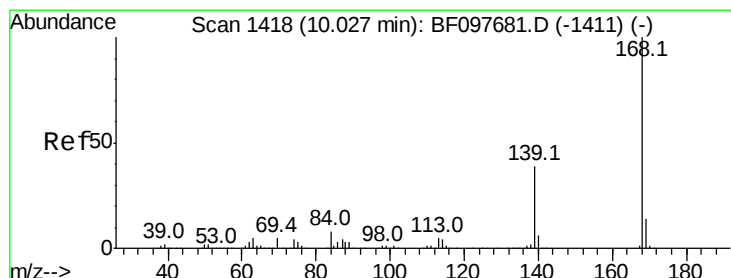
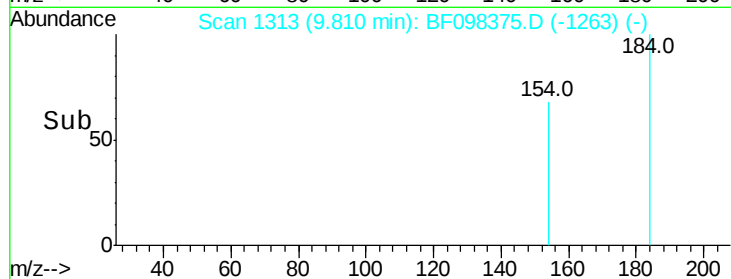
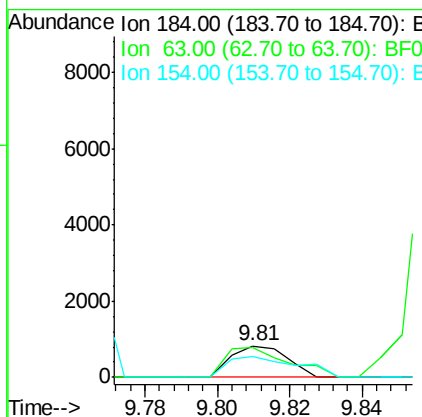
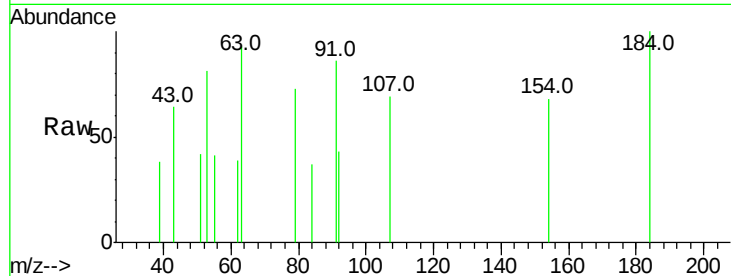




#53
 2,4-Dinitrophenol
 Concen: 11.020 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

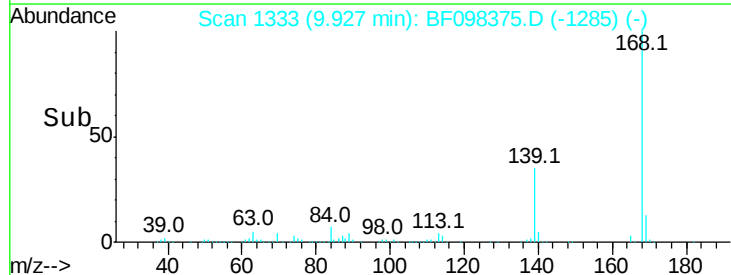
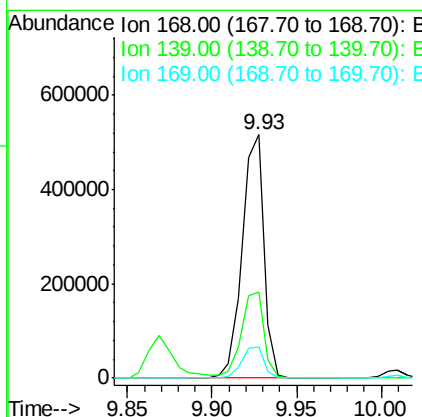
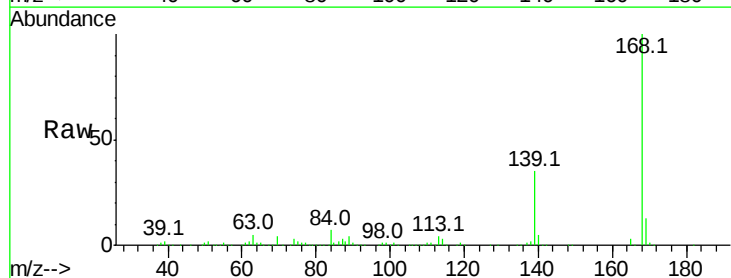
Instrument :
 BNA_F
 ClientSampleId :
 PB102179BS

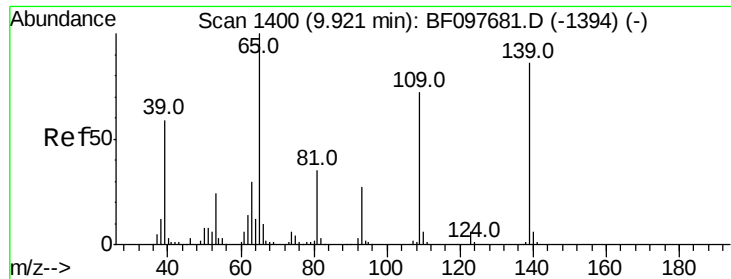
Tot Ion:184	Resp:	896
Ion Ratio	Lower	Upper
184	100	
63	93.1	62.7 94.1
154	68.2	81.1 121.7#



#54
 Dibenzofuran
 Concen: 40.342 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Tgt Ion:168	Resp:	463183
Ion Ratio	Lower	Upper
168	100	
139	35.1	30.6 45.8
169	12.8	10.8 16.2

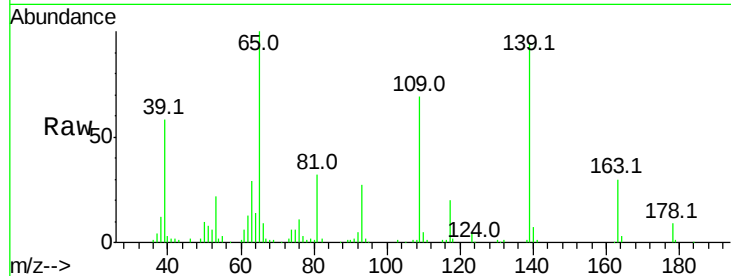




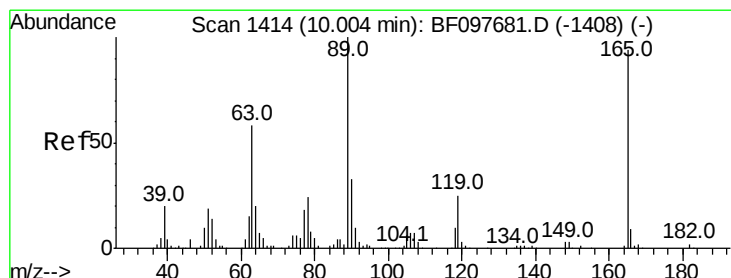
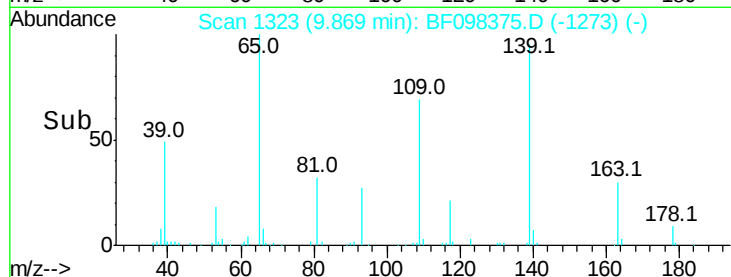
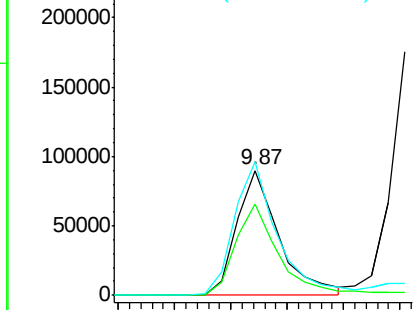
#55
4-Nitrophenol
Concen: 48.561 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Instrument :
BNA_F
ClientSampleId :
PB102179BS

Tot Ion:139 Resp: 93618
Ion Ratio Lower Upper
139 100
109 73.4 34.1 74.1
65 106.3 31.4 71.4#

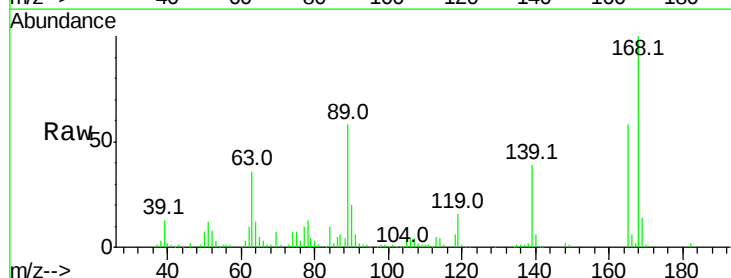


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

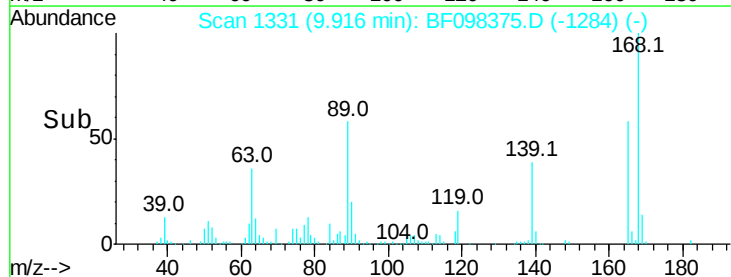
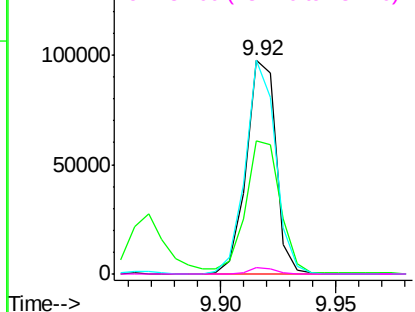


#56
2,4-Dinitrotoluene
Concen: 37.214 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Tgt Ion:165 Resp: 87480
Ion Ratio Lower Upper
165 100
63 62.6 25.4 38.0#
89 100.1 46.4 69.6#
182 2.8 1.8 2.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

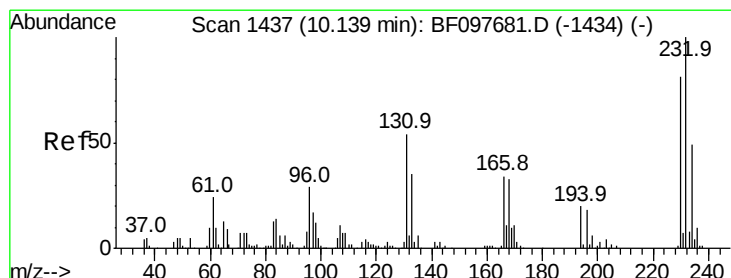
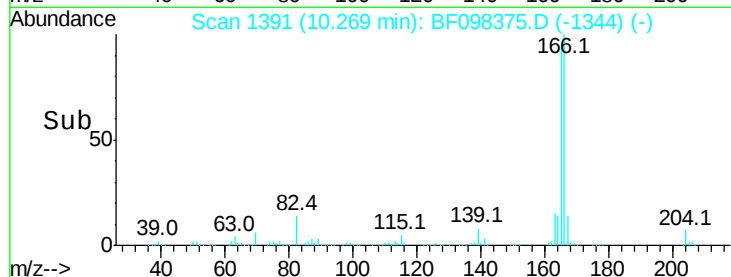
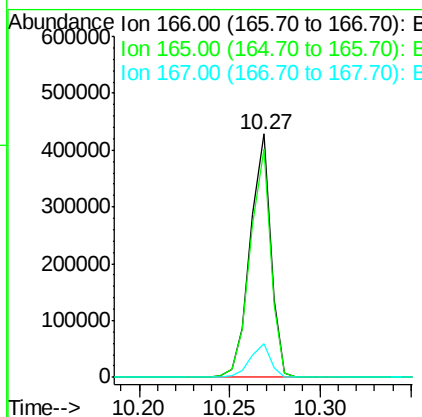
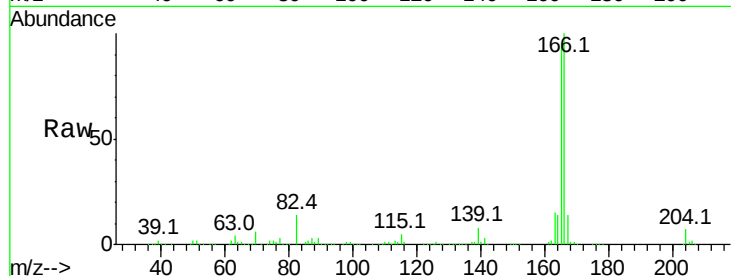




#57
Fluorene
 Concen: 38.413 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

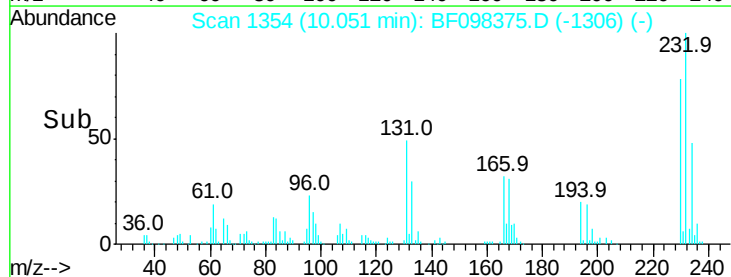
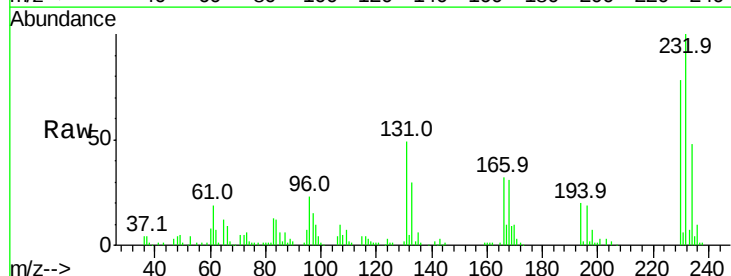
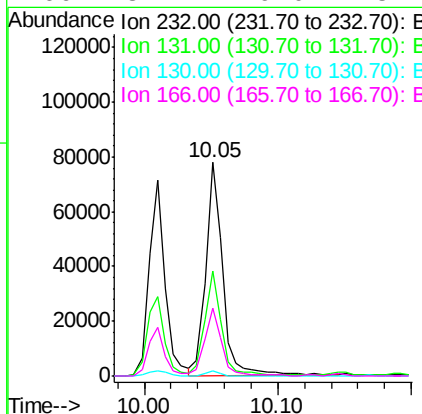
Instrument :
 BNA_F
 ClientSampleId :
 PB102179BS

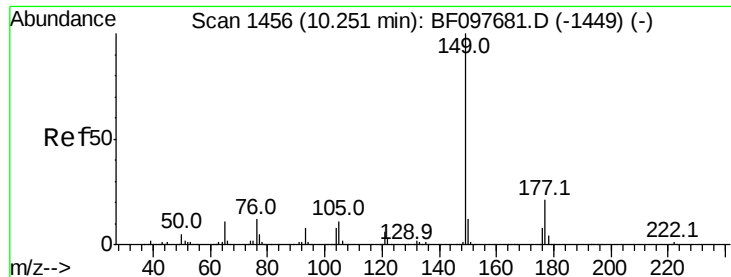
Tot Ion	Ratio	Lower	Upper
166	100		
165	93.5	78.8	118.2
167	13.7	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 33.727 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.8	44.8	67.2
130	2.0	2.3	3.5
166	31.7	29.0	43.4

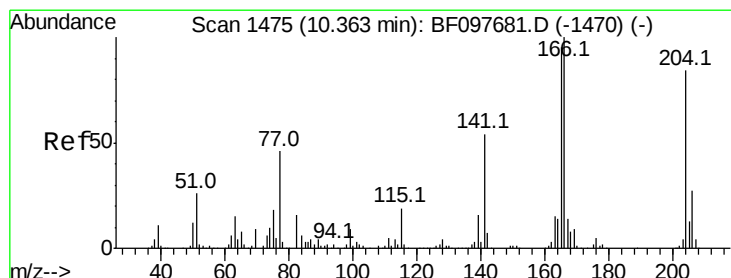
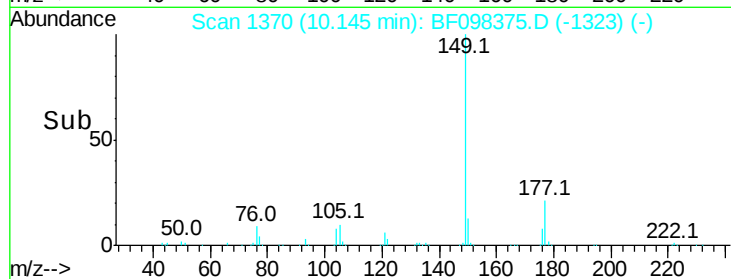
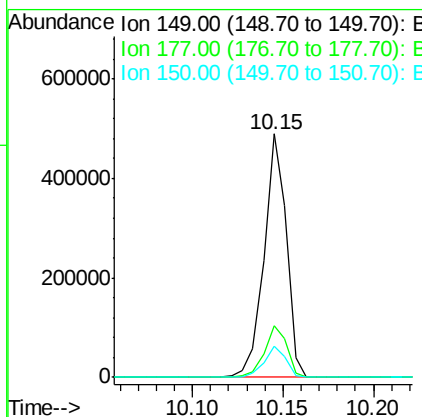
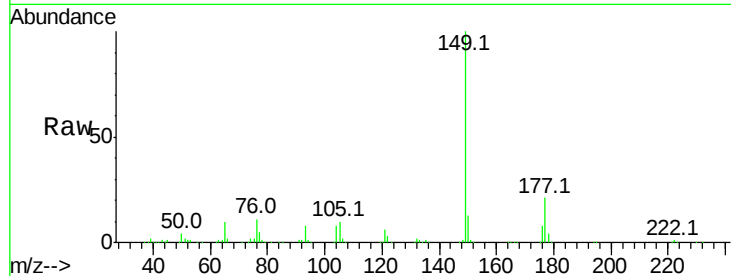




#59
Diethylphthalate
Concen: 42.784 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

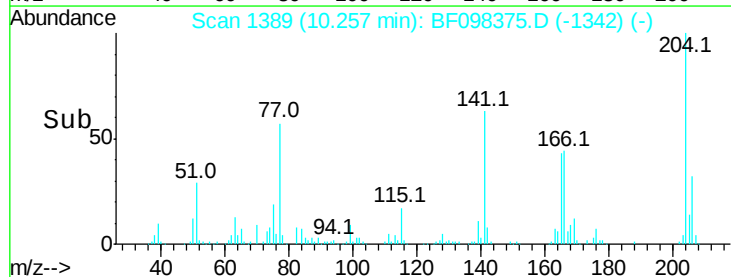
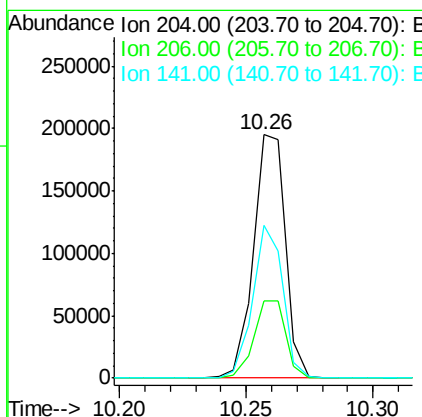
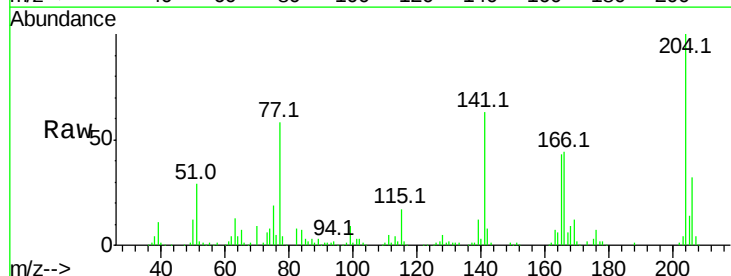
Instrument :
BNA_F
ClientSampleId :
PB102179BS

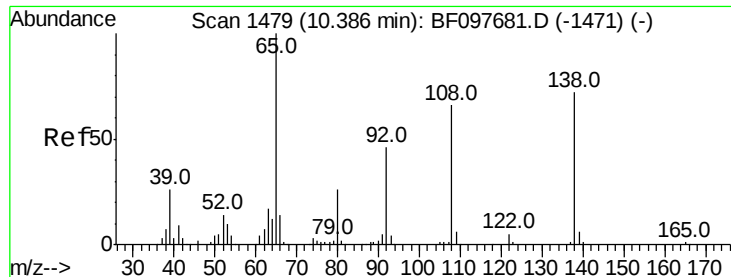
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.7	25.1
150	13.0	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 41.448 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.7	26.2	39.2
141	62.8	60.8	91.2





#61

4-Nitroaniline

Concen: 42.315 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102179BS

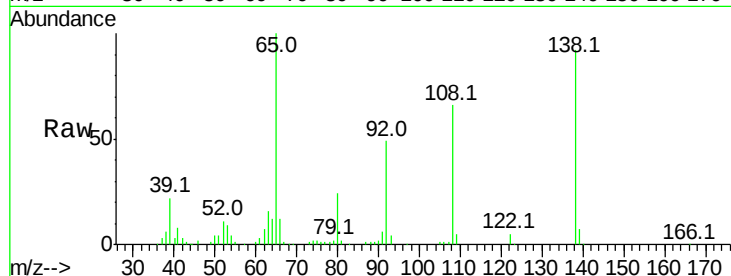
Tot Ion:138 Resp: 97194

Ion Ratio Lower Upper

138 100

92 53.5 21.8 61.8

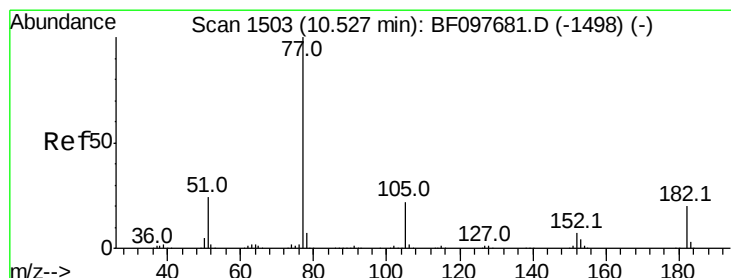
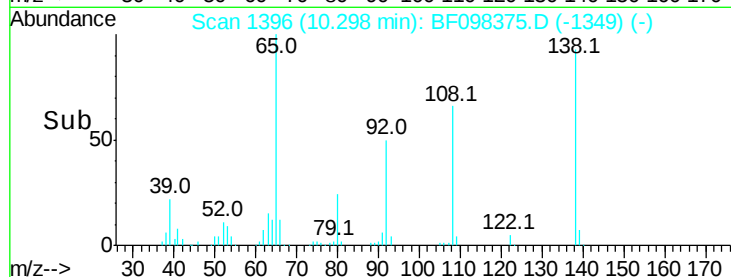
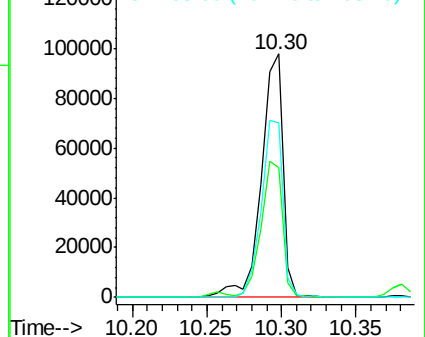
108 71.8 42.3 82.3



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: 36.931 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Tgt Ion: 77 Resp: 430486

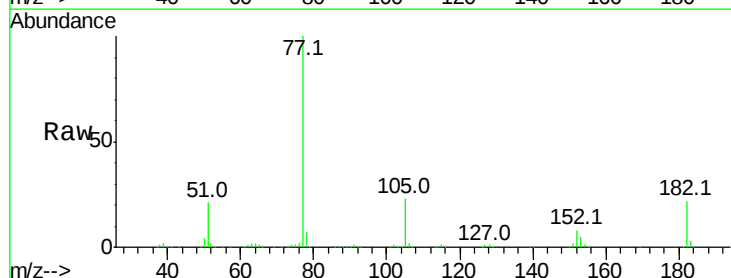
Ion Ratio Lower Upper

77 100

182 21.7 0.1 40.1

105 22.5 3.6 43.6

51 21.1 9.4 49.4

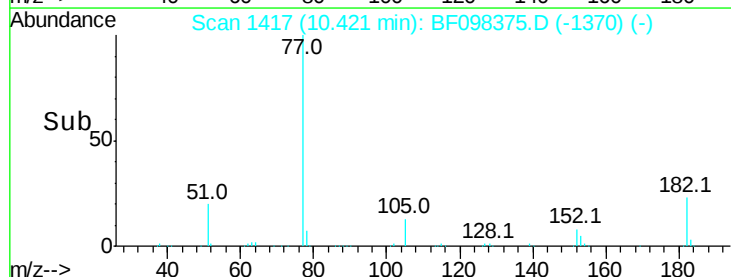
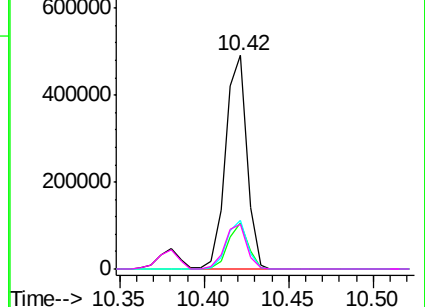


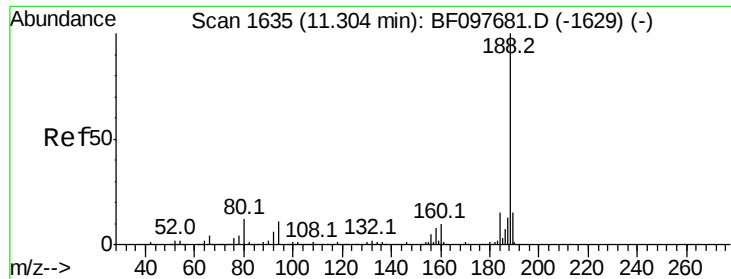
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

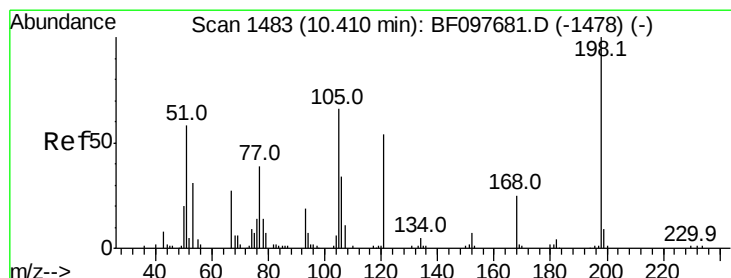
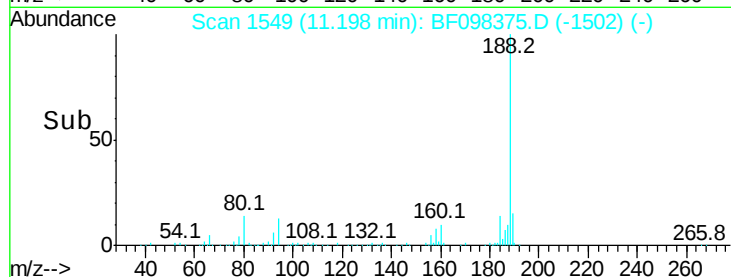
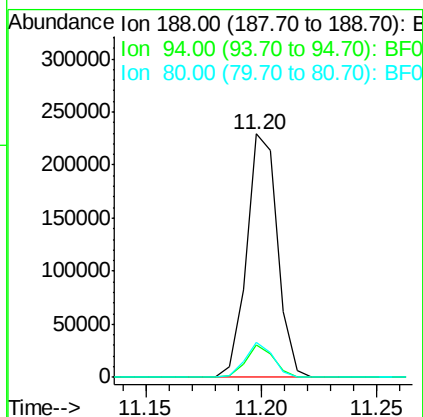
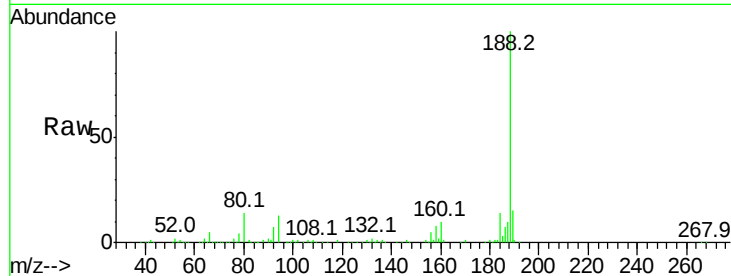




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

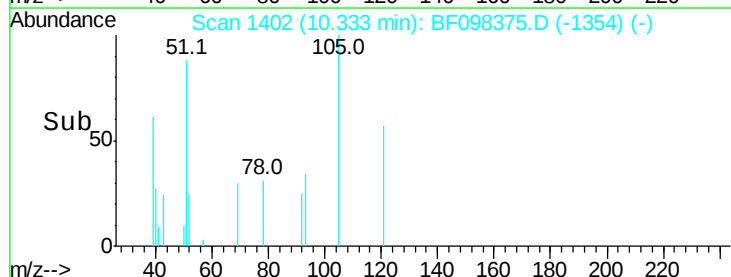
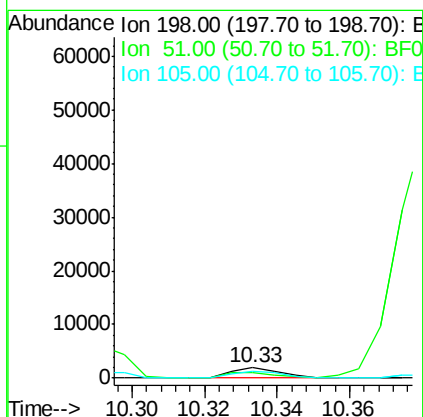
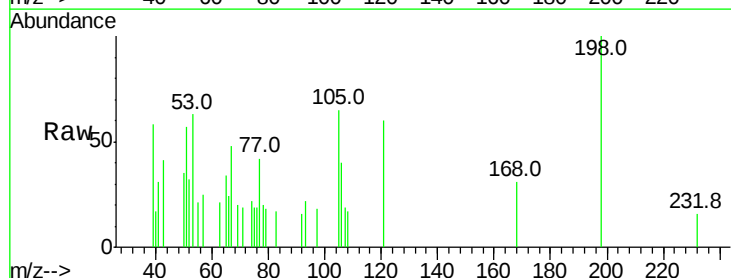
Instrument :
BNA_F
ClientSampleId :
PB102179BS

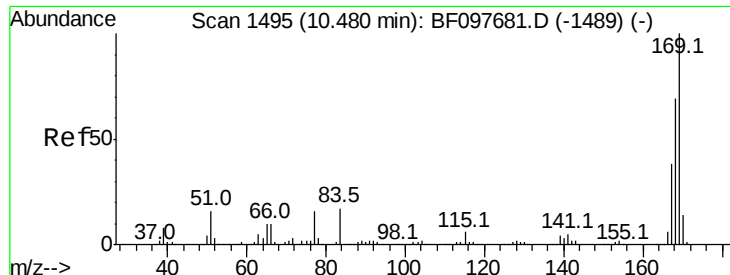
Tot Ion:188 Resp: 213649
Ion Ratio Lower Upper
188 100
94 13.2 9.4 14.2
80 14.3 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 9.841 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Tgt Ion:198 Resp: 1851
Ion Ratio Lower Upper
198 100
51 57.0 53.2 93.2
105 64.6 45.8 85.8

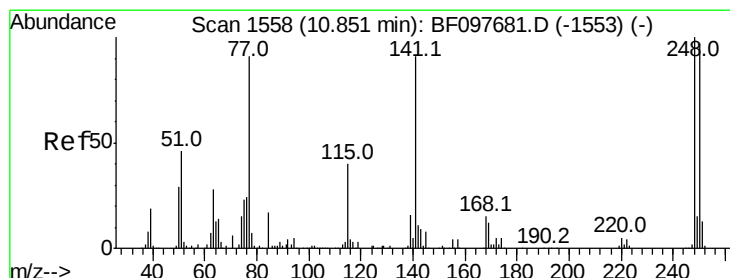
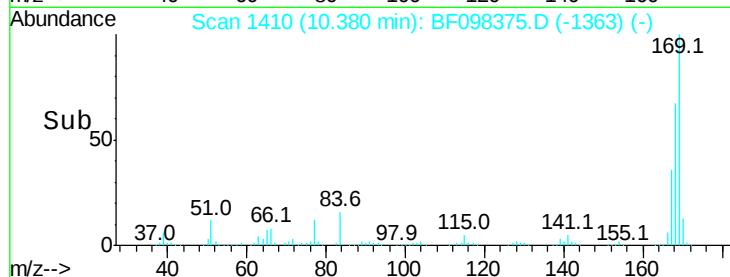
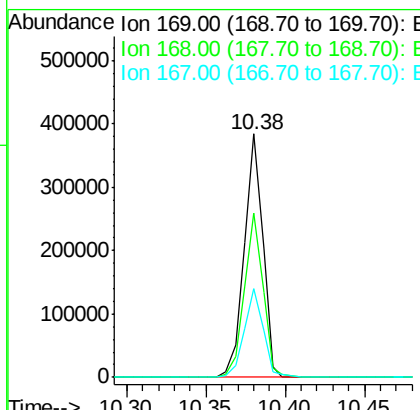
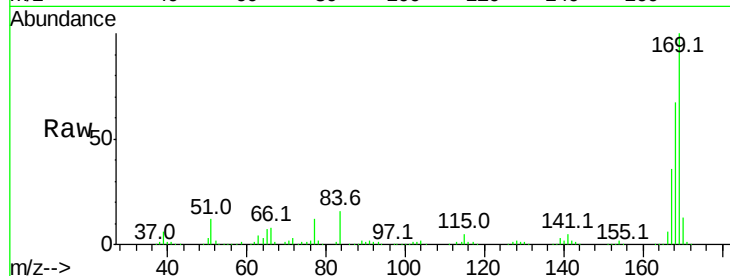




#65
 n-Nitrosodiphenylamine
 Concen: 42.726 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

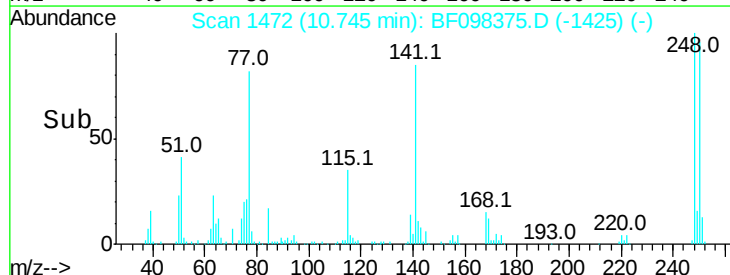
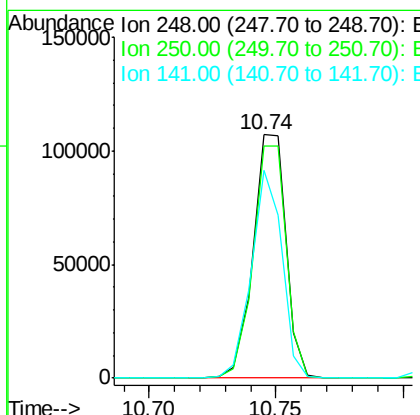
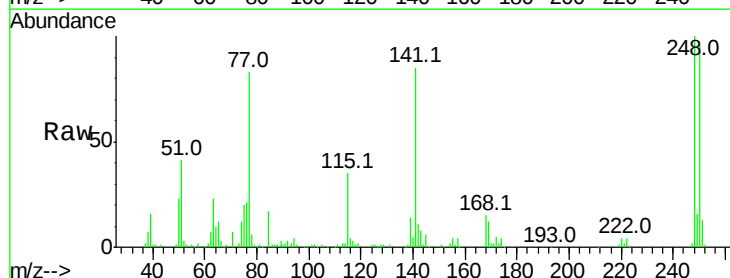
Instrument :
 BNA_F
 ClientSampleId :
 PB102179BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.2	79.8
167	36.4	29.5	44.3



#66
 4-Bromophenyl-phenylether
 Concen: 43.827 ng
 RT: 10.74 min Scan# 1472
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.5	76.8	115.2
141	85.1	68.6	103.0

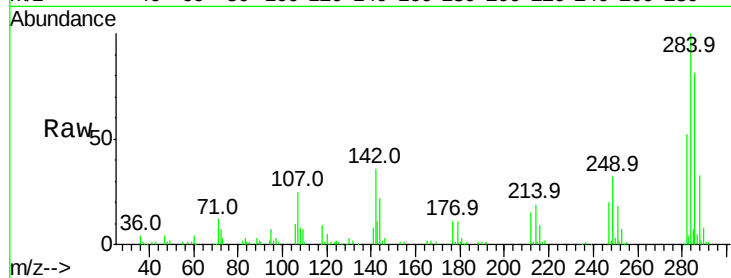




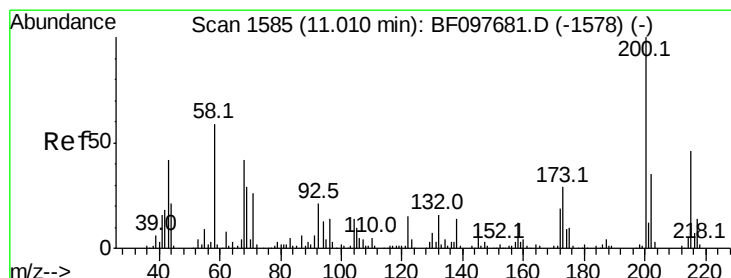
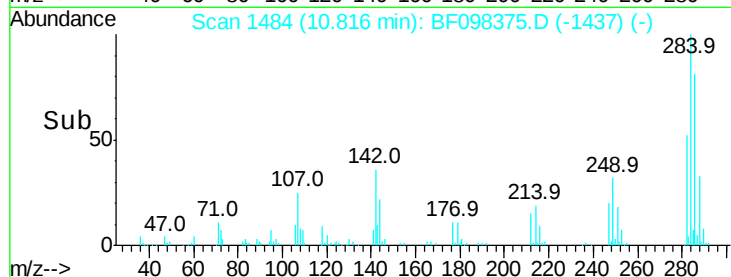
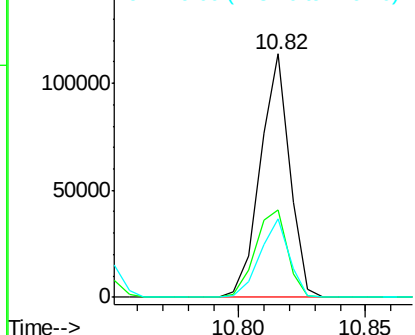
#67
Hexachlorobenzene
Concen: 40.712 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Instrument :
BNA_F
ClientSampleId :
PB102179BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.9	22.8	34.2#
249	32.4	24.0	36.0

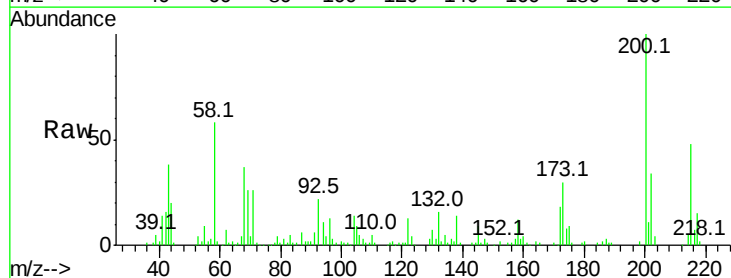


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

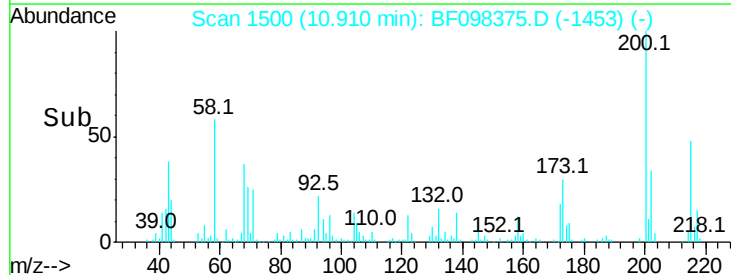
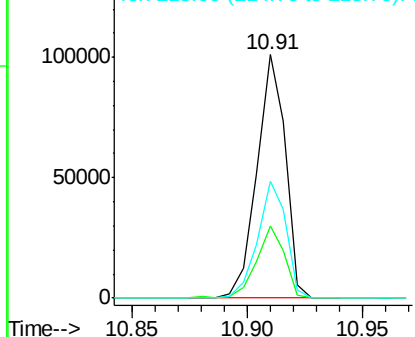


#68
Atrazine
Concen: 45.112 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.8	6.3	46.3
215	48.0	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

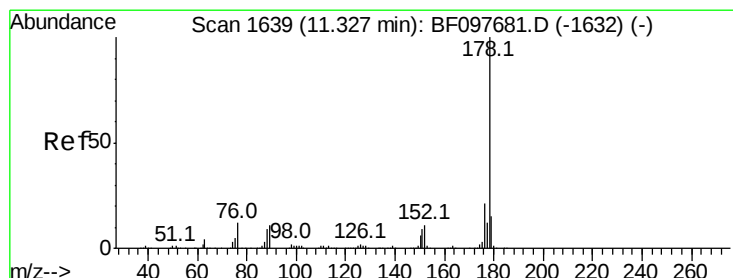
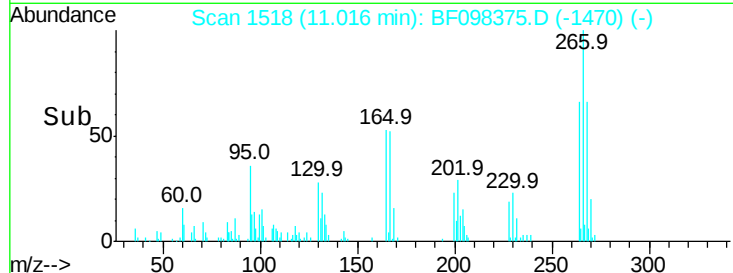
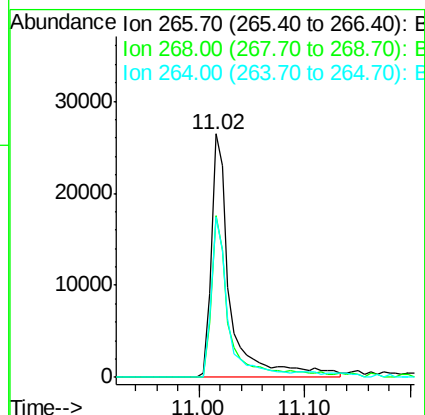
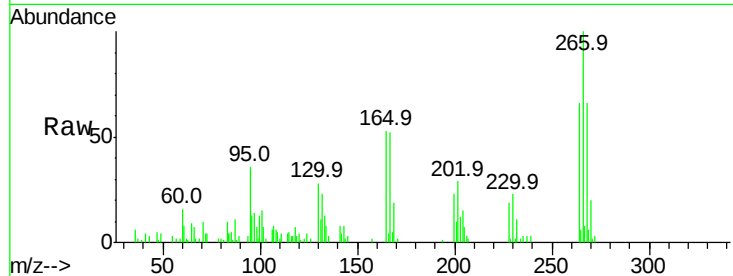




#69
 Pentachlorophenol
 Concen: 25.321 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

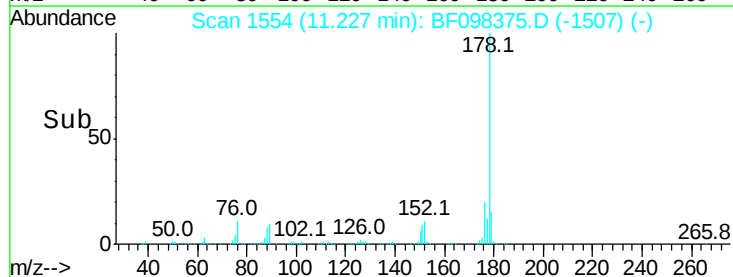
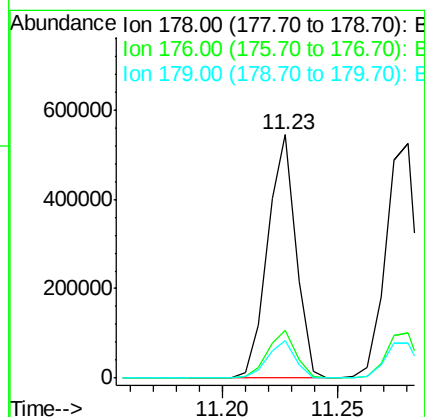
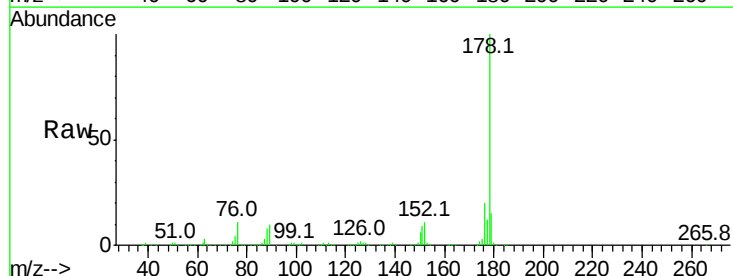
Instrument :
 BNA_F
 ClientSampleId :
 PB102179BS

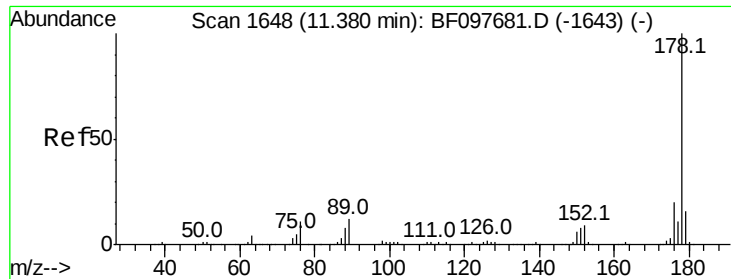
Tot Ion:266 Resp: 33386
 Ion Ratio Lower Upper
 266 100
 268 66.5 51.1 76.7
 264 66.1 51.7 77.5



#70
 Phenanthrene
 Concen: 40.698 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Tgt Ion:178 Resp: 463337
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.2 24.4
 179 15.2 12.6 19.0





#71

Anthracene

Concen: 41.502 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102179BS

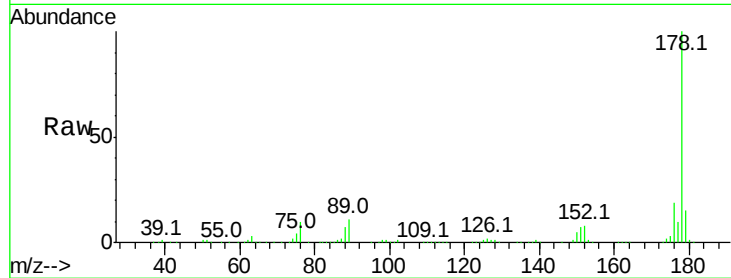
Tot Ion:178 Resp: 479230

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

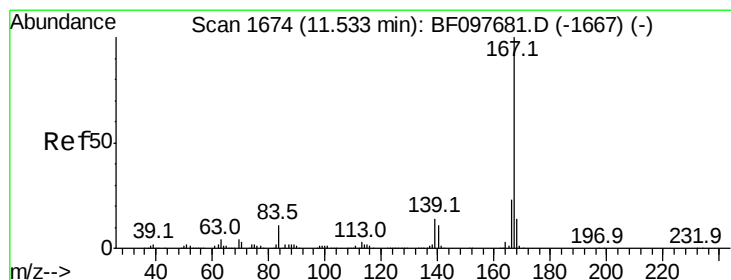
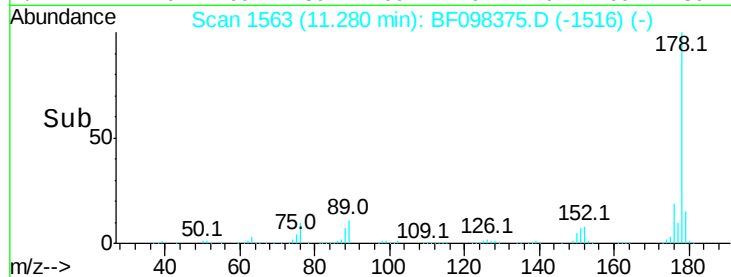
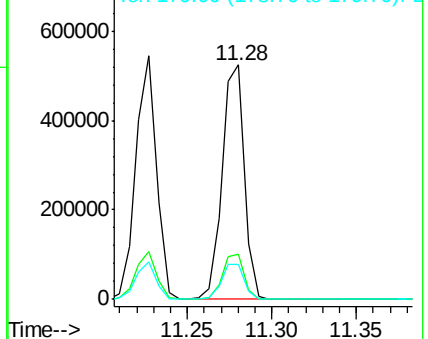
179 15.2 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.121 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

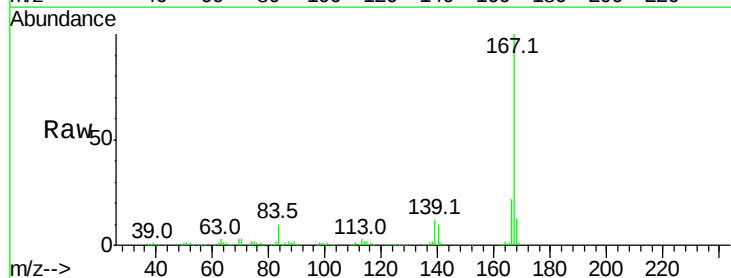
Tgt Ion:167 Resp: 450717

Ion Ratio Lower Upper

167 100

166 21.9 18.1 27.1

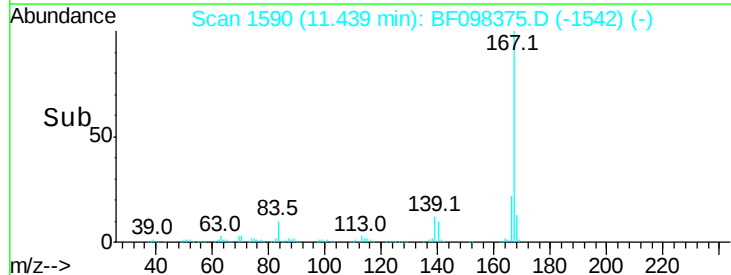
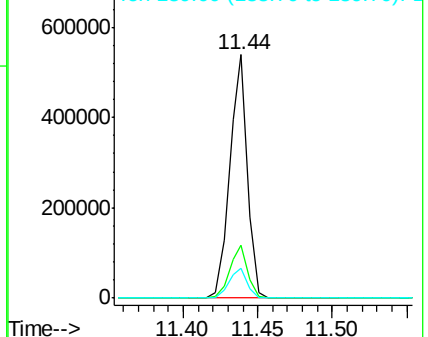
139 12.5 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

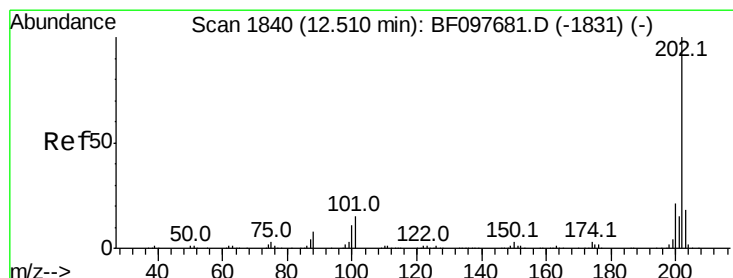
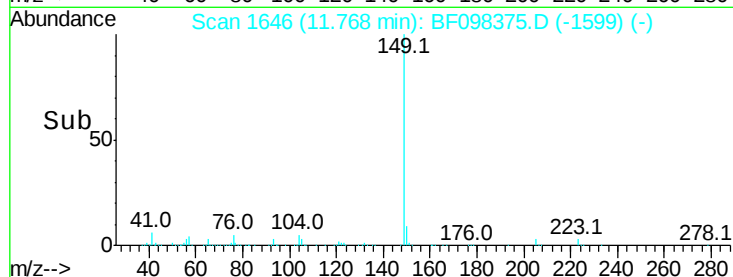
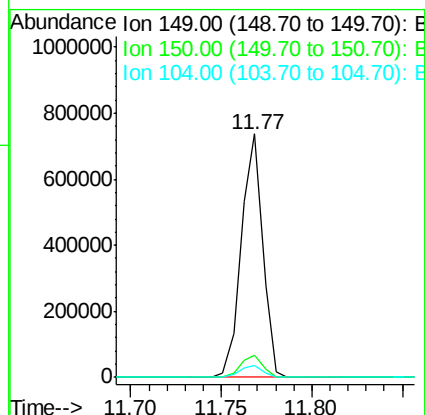
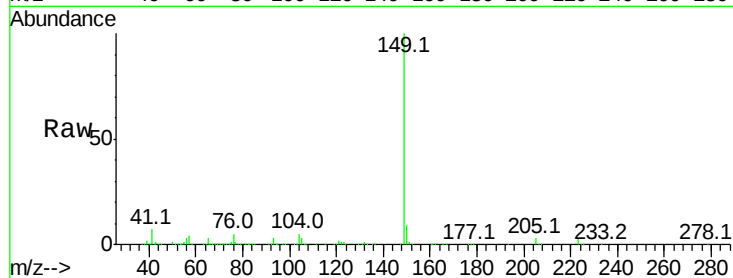




#73
Di-n-butylphthalate
Concen: 47.950 ng
RT: 11.77 min Scan# 1646
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

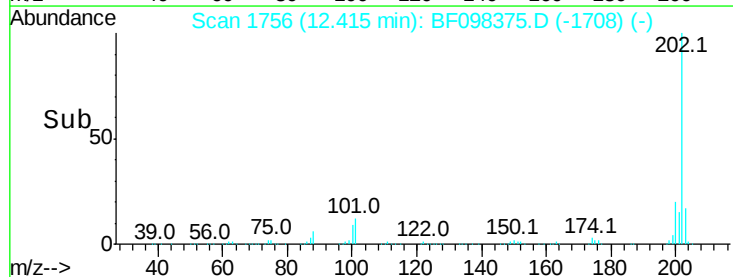
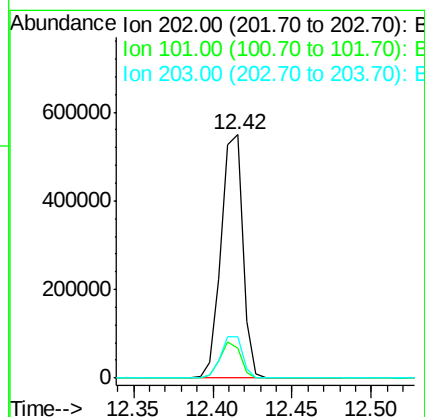
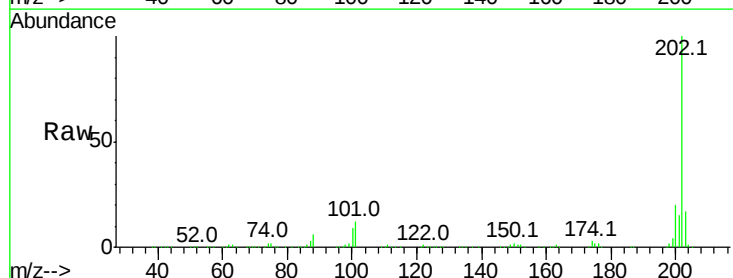
Instrument :
BNA_F
ClientSampleId :
PB102179BS

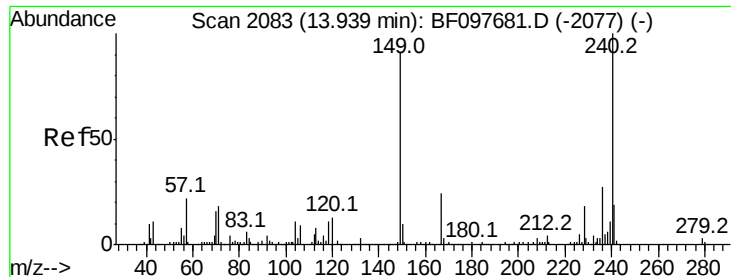
Tot Ion:149 Resp: 605375
Ion Ratio Lower Upper
149 100
150 9.0 7.7 11.5
104 4.8 4.0 6.0



#74
Fluoranthene
Concen: 43.962 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Tgt Ion:202 Resp: 522407
Ion Ratio Lower Upper
202 100
101 12.2 0.0 33.2
203 17.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102179BS

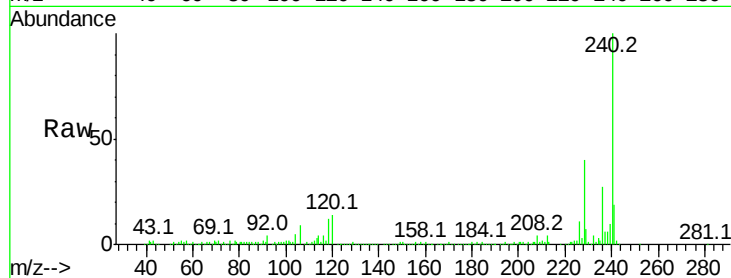
Tot Ion:240 Resp: 206331

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

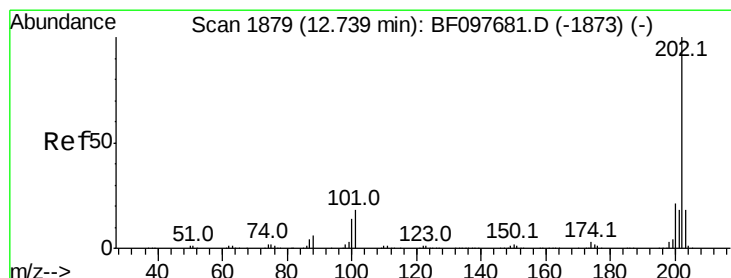
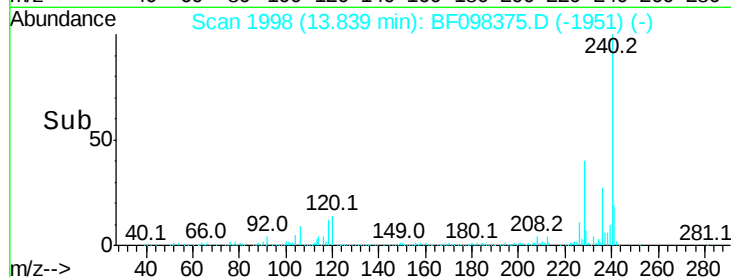
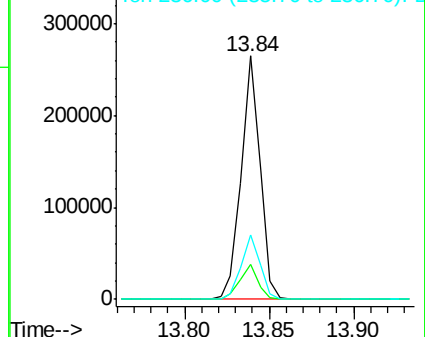
236 26.7 20.5 30.7



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



#77

Pyrene

Concen: 31.984 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

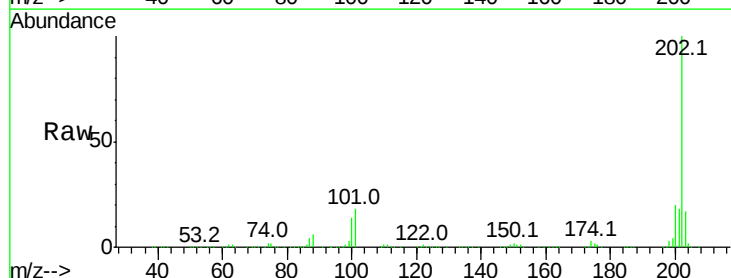
Tgt Ion:202 Resp: 539742

Ion Ratio Lower Upper

202 100

200 20.4 17.6 26.4

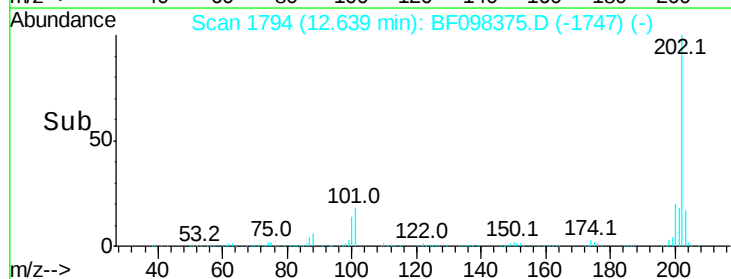
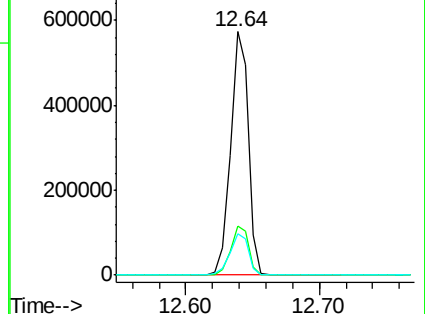
203 17.2 14.4 21.6

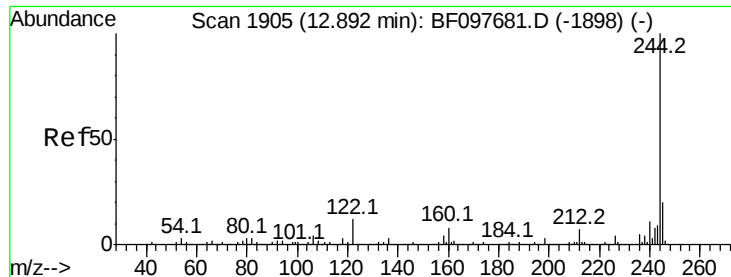


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 64.274 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102179BS

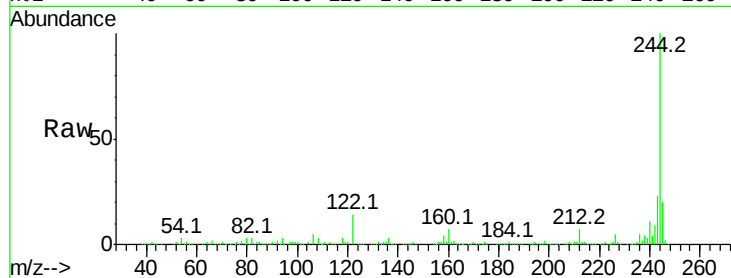
Tot Ion:244 Resp: 635953

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

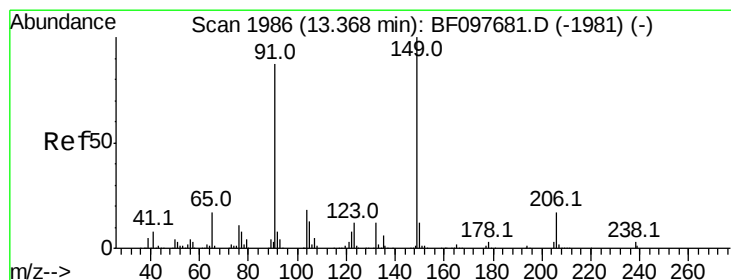
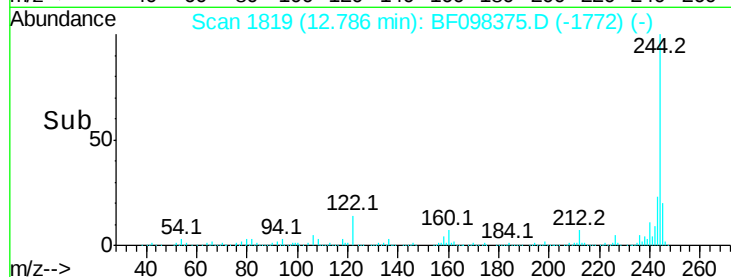
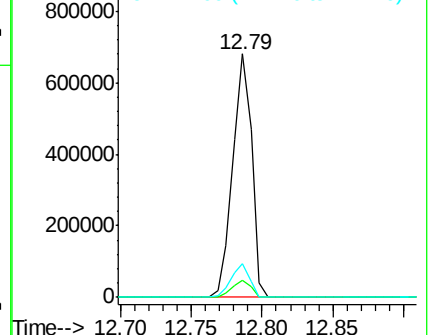
122 14.1 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 41.432 ng

RT: 13.26 min Scan# 1900

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

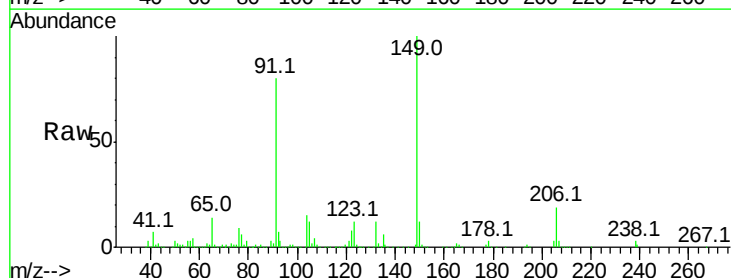
Tgt Ion:149 Resp: 268071

Ion Ratio Lower Upper

149 100

91 80.0 45.0 67.4#

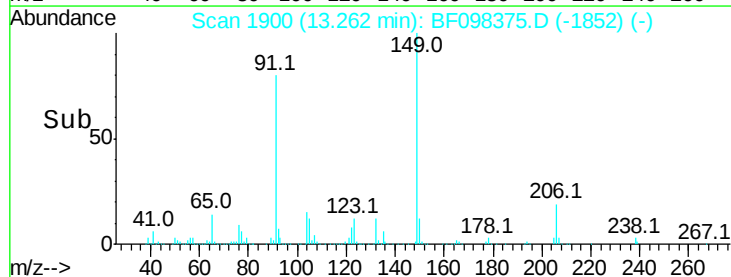
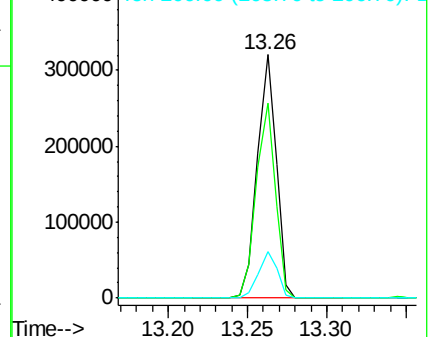
206 18.9 17.0 25.6

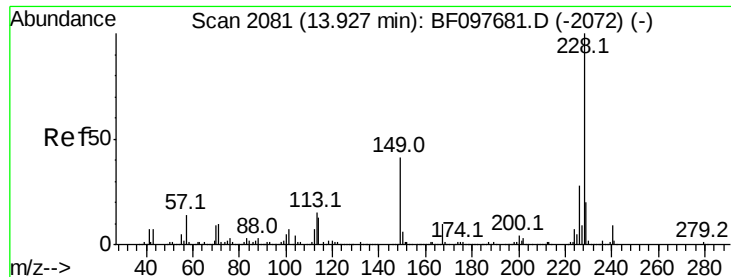


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

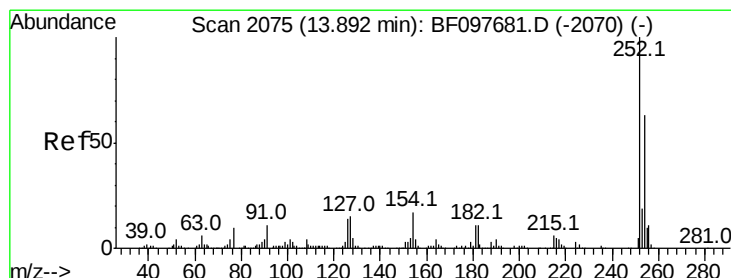
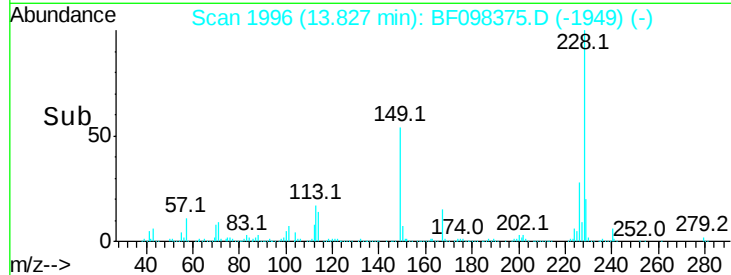
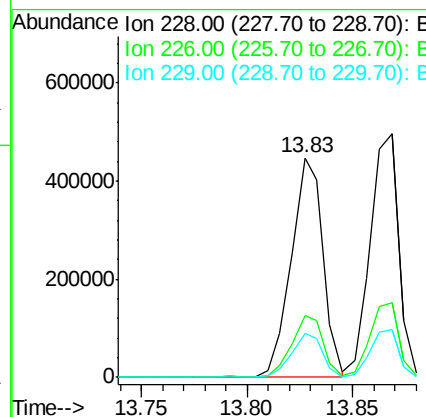
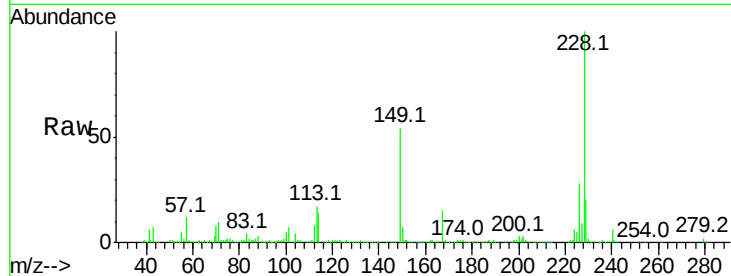




#80
Benzo(a)anthracene
Concen: 37.846 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

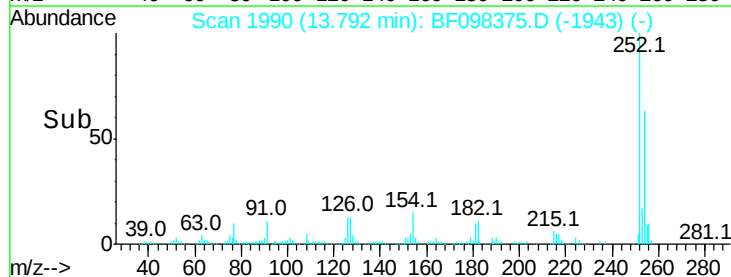
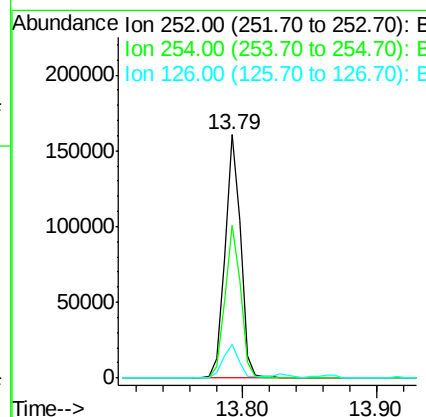
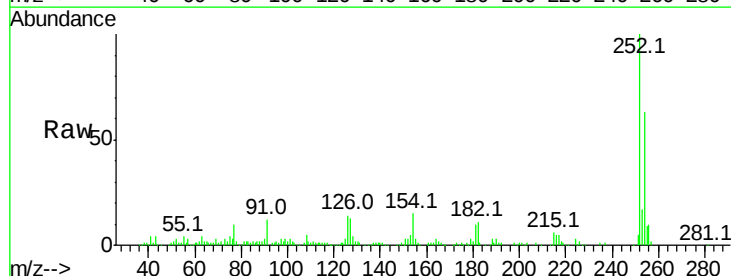
Instrument :
BNA_F
ClientSampleId :
PB102179BS

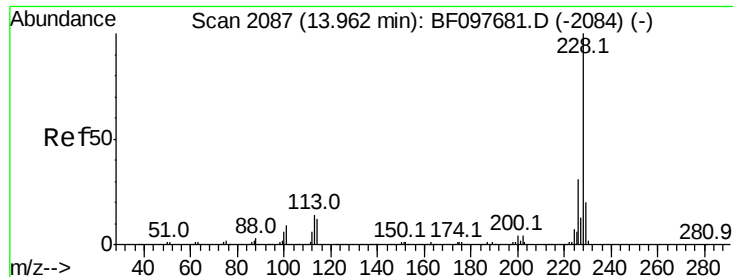
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.9	16.3	24.5



#81
3,3'-Dichlorobenzidine
Concen: 31.925 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.8	51.5	77.3
126	13.7	15.8	23.8





#82

Chrysene

Concen: 38.021 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

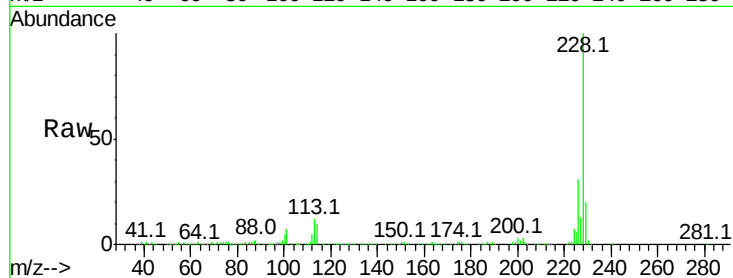
BNA_F

ClientSampleId :

PB102179BS

Tot Ion:228 Resp: 467720

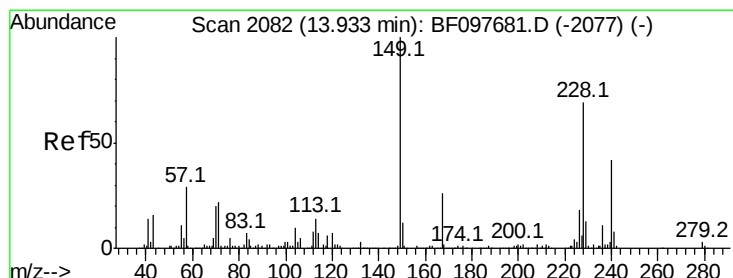
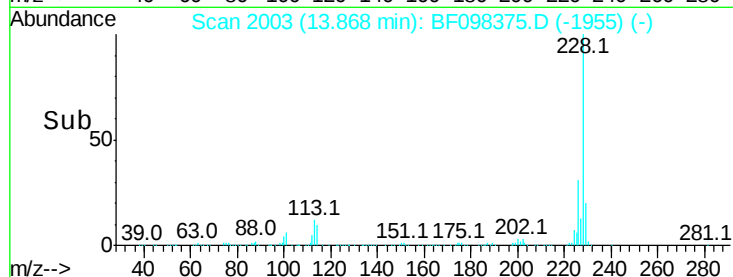
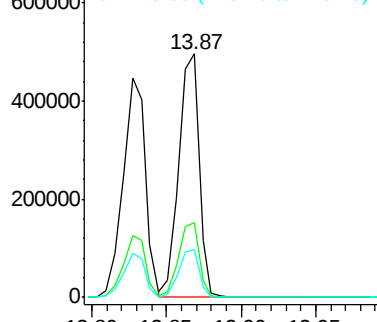
Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	19.6	15.8	23.6



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: 51.975 ng

RT: 13.82 min Scan# 1995

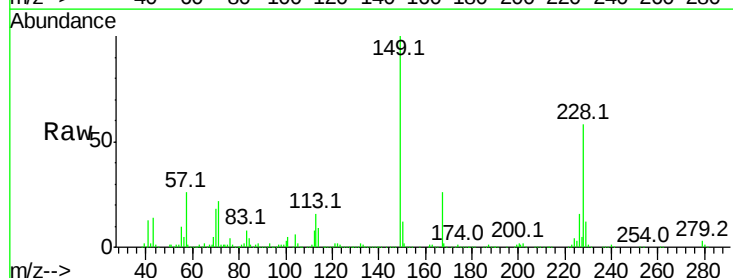
Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Tgt Ion:149 Resp: 372637

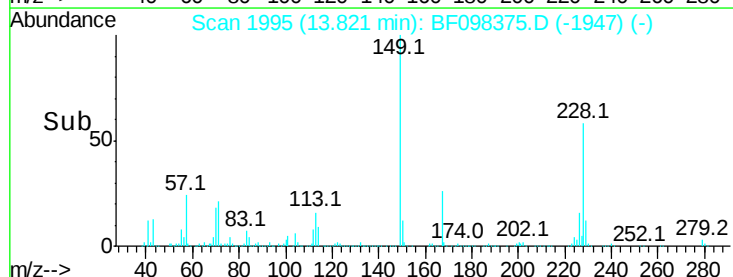
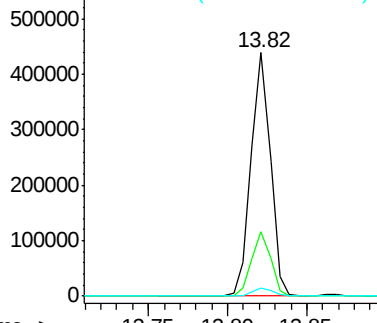
Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.0	31.4
279	3.1	1.9	2.9#

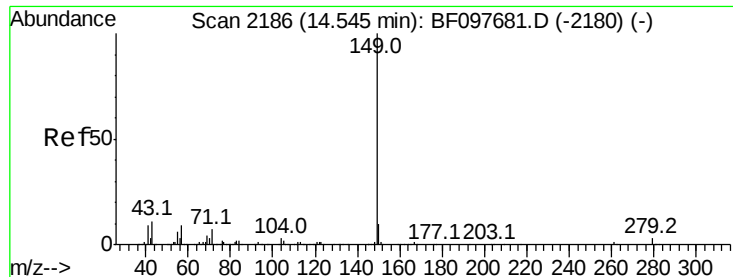


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 57.237 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102179BS

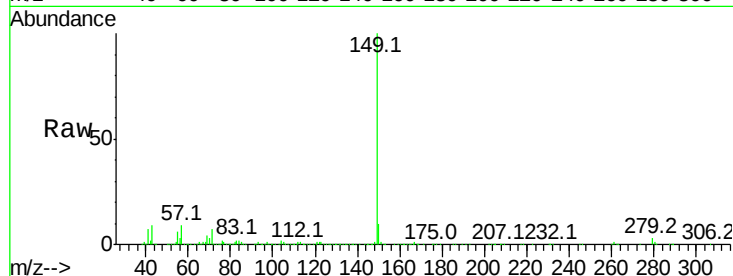
Tot Ion:149 Resp: 714018

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

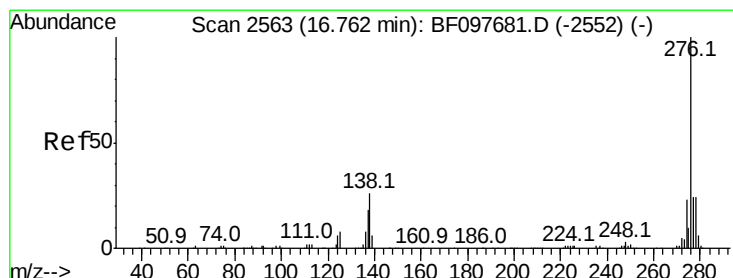
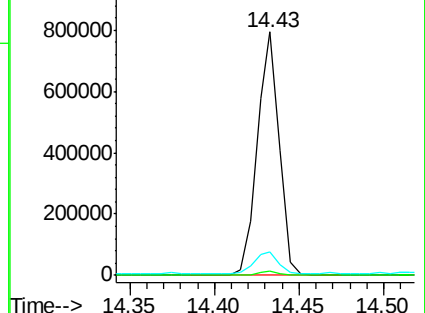
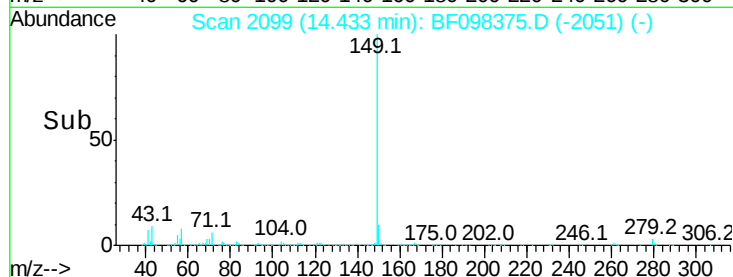
43 9.3 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 34.710 ng

RT: 16.60 min Scan# 2468

Delta R.T. -0.04 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

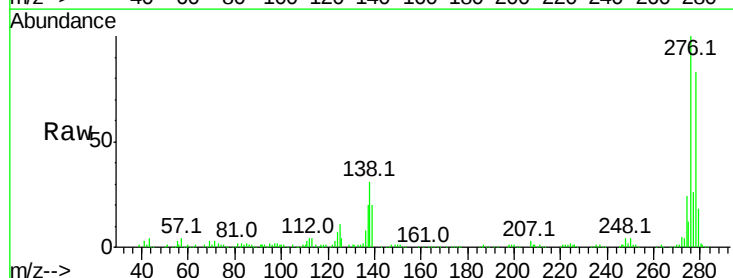
Tgt Ion:276 Resp: 314106

Ion Ratio Lower Upper

276 100

138 31.3 27.8 41.6

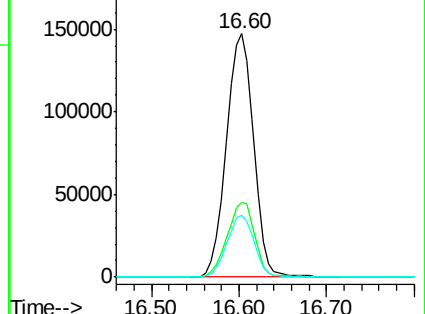
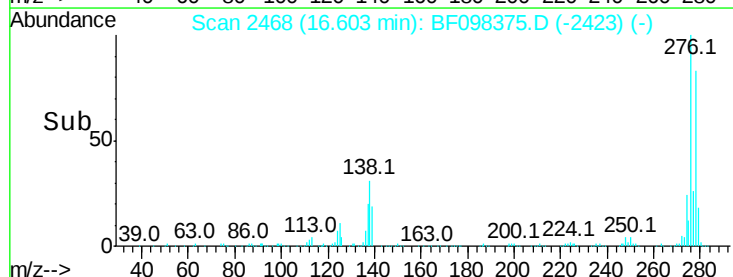
277 25.3 20.2 30.4

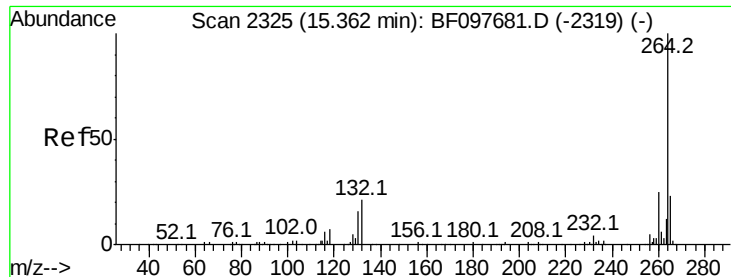


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

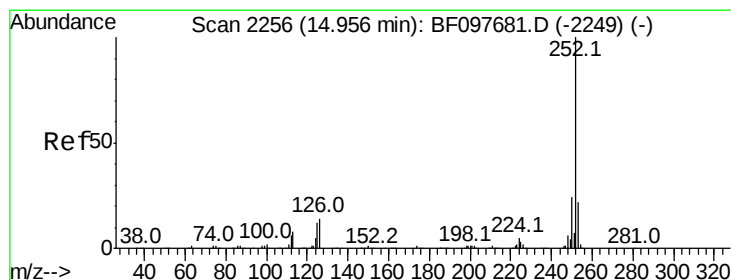
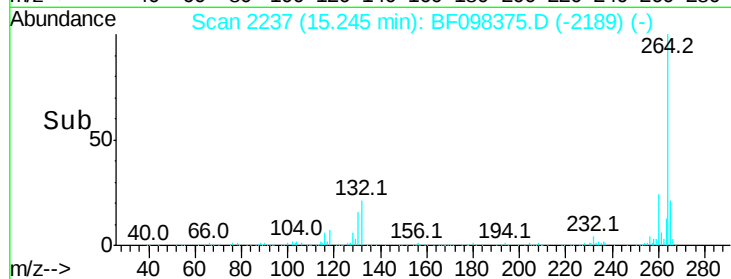
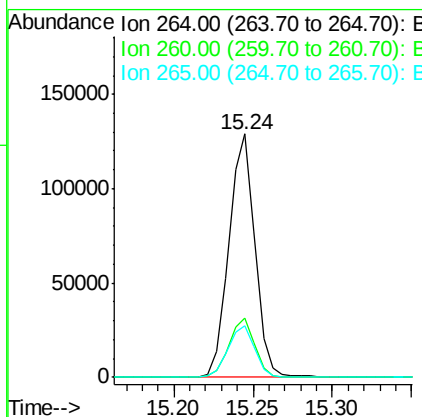
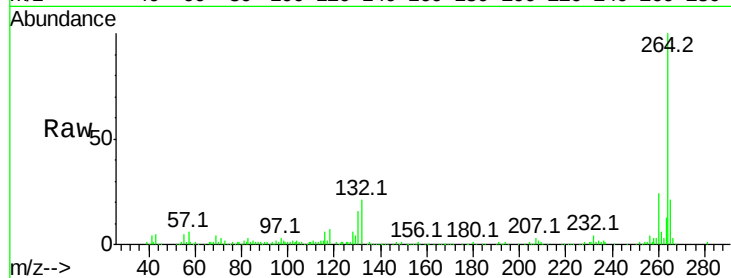




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

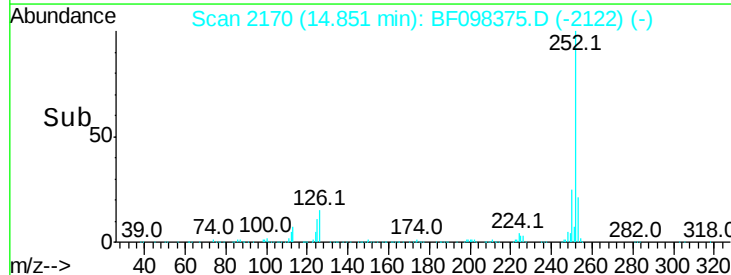
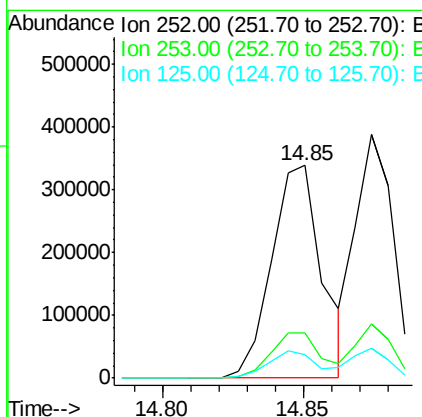
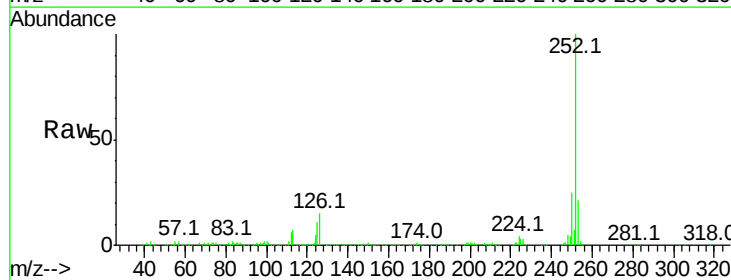
Instrument :
BNA_F
ClientSampleId :
PB102179BS

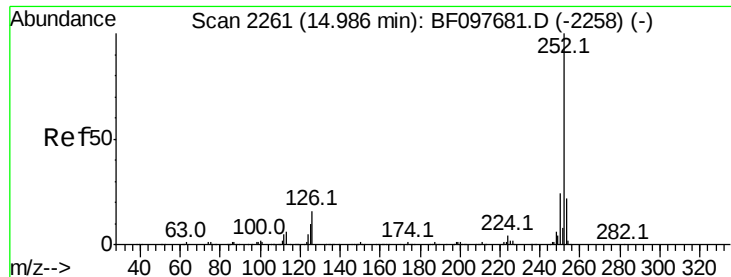
Tot Ion:264 Resp: 146263
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 21.0 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 45.493 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Tgt Ion:252 Resp: 419417
Ion Ratio Lower Upper
252 100
253 21.1 18.1 27.1
125 11.0 9.8 14.8

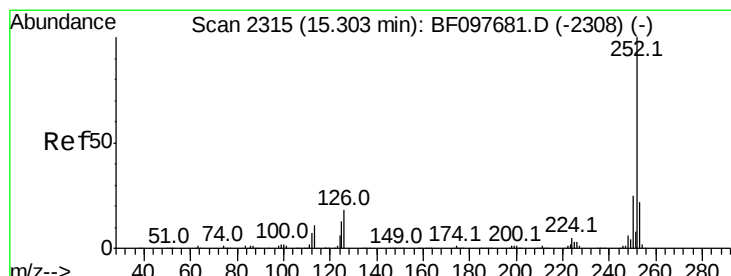
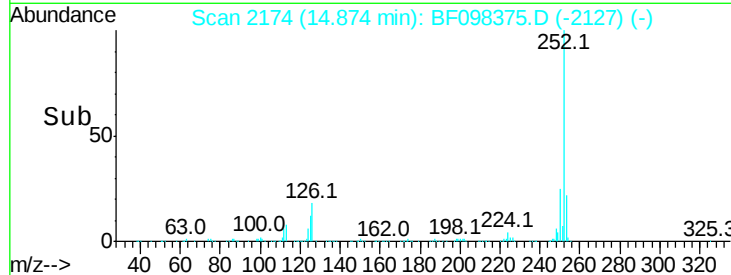
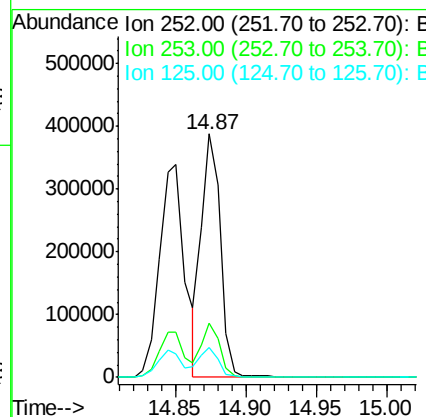
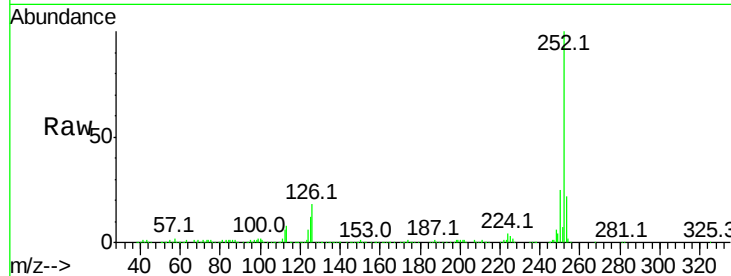




#88
Benzo(k)fluoranthene
Concen: 41.776 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

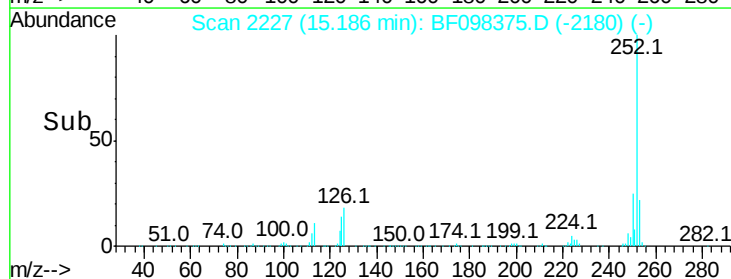
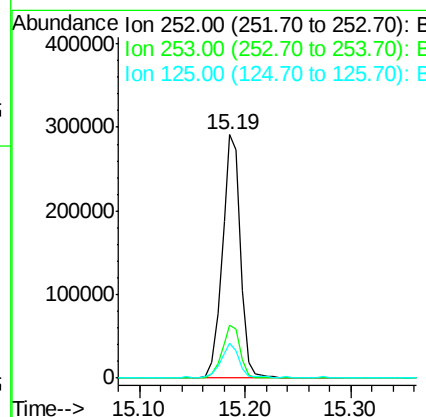
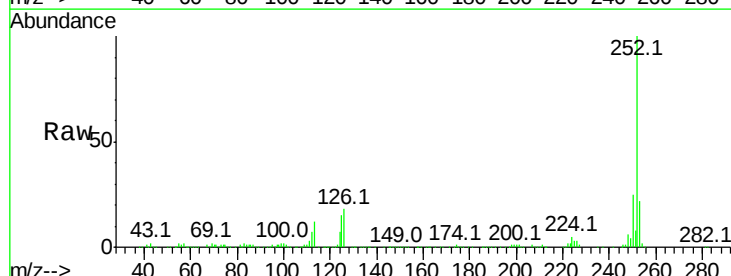
Instrument :
BNA_F
ClientSampleId :
PB102179BS

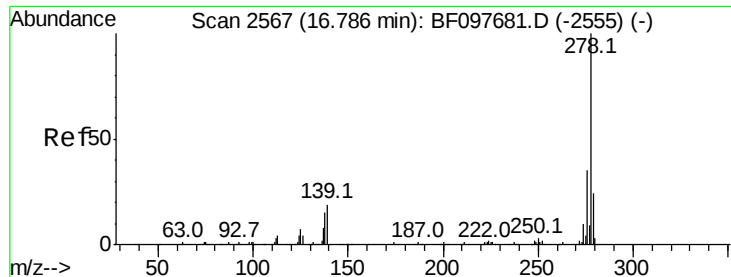
Tot Ion:252 Resp: 361849
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 12.2 13.1 19.7#



#89
Benzo(a)pyrene
Concen: 42.928 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Tgt Ion:252 Resp: 350368
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 14.5 11.0 16.4

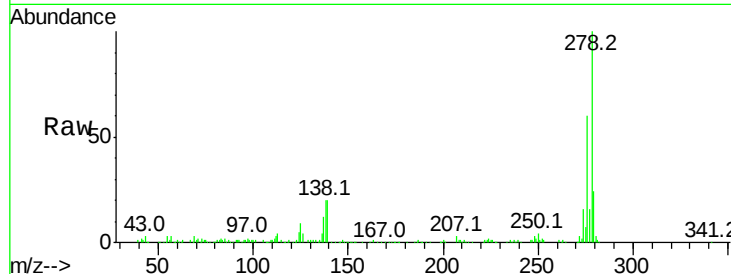




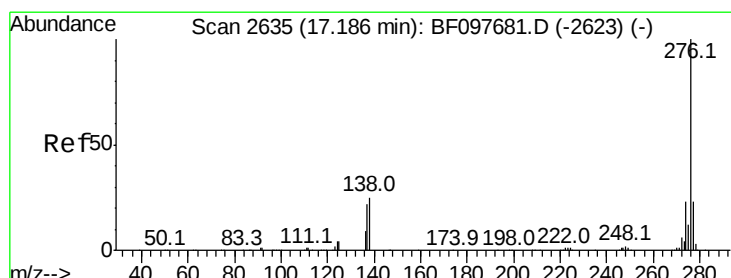
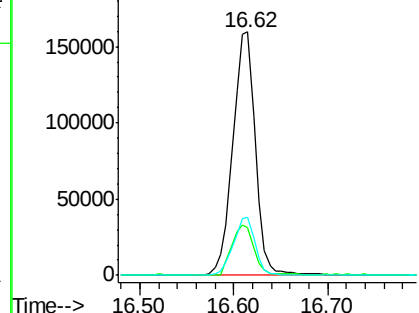
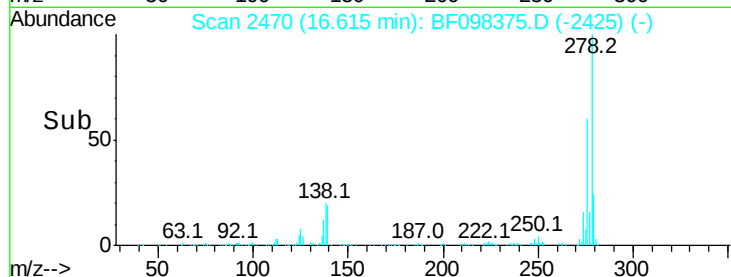
#90
Dibenzo(a,h)anthracene
Concen: 40.192 ng
RT: 16.62 min Scan# 2470
Delta R.T. -0.04 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Instrument :
BNA_F
ClientSampleId :
PB102179BS

Tot Ion:278 Resp: 267062
Ion Ratio Lower Upper
278 100
139 19.7 16.6 24.8
279 23.6 19.3 28.9

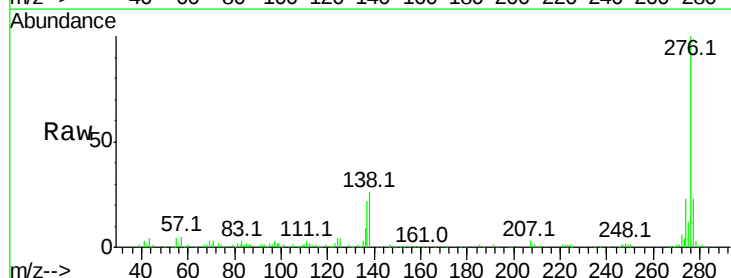


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 36.470 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.04 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Tgt Ion:276 Resp: 252853
Ion Ratio Lower Upper
276 100
277 22.6 18.6 28.0
138 25.8 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

