

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052317\
 Data File : BF095371.D
 Acq On : 24 May 2017 4:18
 Operator : SJ/MA
 Sample : I3269-04MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 07:21:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	100037	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	409585	20.00	ng	-0.01
38) Acenaphthene-d10	12.60	164	186034	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	271130	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	174075	20.00	ng	-0.01
86) Perylene-d12	20.36	264	171775	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	718590	119.76	ng	0.00
7) Phenol-d6	7.30	99	833900	115.83	ng	-0.01
23) Nitrobenzene-d5	8.66	82	483910	74.50	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	145478	95.49	ng	-0.01
44) 2-Fluorobiphenyl	11.54	172	969959	75.05	ng	-0.02
78) Terphenyl-d14	17.33	244	635852	80.45	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.27	88	79667	27.07	ng	93
3) Pyridine	2.99	79	156046	22.88	ng	98
4) n-Nitrosodimethylamine	2.90	42	69309	24.38	ng	# 78
6) Aniline	7.27	93	304512	33.50	ng	95
8) 2-Chlorophenol	7.45	128	237779	34.82	ng	96
9) Benzaldehyde	7.11	77	56283	12.80	ng	99
10) Phenol	7.32	94	331711	43.72	ng	93
11) bis(2-Chloroethyl)ether	7.40	93	230550	36.81	ng	95
12) 1,3-Dichlorobenzene	7.66	146	272874	35.22	ng	97
13) 1,4-Dichlorobenzene	7.78	146	278915	35.50	ng	97
14) 1,2-Dichlorobenzene	8.01	146	257891	35.17	ng	97
15) Benzyl Alcohol	8.05	79	200196	43.23	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.24	45	303920	34.29	ng	88
17) 2-Methylphenol	8.25	107	206013	36.86	ng	96
18) Hexachloroethane	8.53	117	91910	34.53	ng	88
19) n-Nitroso-di-n-propylamine	8.46	70	183769	37.74	ng	94
20) 3+4-Methylphenols	8.52	107	279888	36.85	ng	# 56
22) Acetophenone	8.43	105	361749	36.81	ng	# 85
24) Nitrobenzene	8.69	77	253576	37.25	ng	89
25) Isophorone	9.09	82	457202	39.42	ng	95
26) 2-Nitrophenol	9.20	139	144318	39.28	ng	99
27) 2,4-Dimethylphenol	9.33	122	228192	38.42	ng	97
28) bis(2-Chloroethoxy)methane	9.45	93	297111	37.03	ng	99
29) 2,4-Dichlorophenol	9.63	162	195695	34.89	ng	96
30) 1,2,4-Trichlorobenzene	9.70	180	206169	34.31	ng	98
31) Naphthalene	9.81	128	735852	35.75	ng	99
32) Benzoic acid	9.62	122	47737	16.03	ng	97
33) 4-Chloroaniline	9.98	127	85009	11.08	ng	# 91
34) Hexachlorobutadiene	10.02	225	107875	34.03	ng	97
35) Caprolactam	10.57	113	31247	18.55	ng	# 82
36) 4-Chloro-3-methylphenol	10.81	107	219534	36.61	ng	92
37) 2-Methylnaphthalene	10.93	142	523829	38.77	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	205527	35.92	ng	98
40) Hexachlorocyclopentadiene	11.18	237	66380	31.57	ng	98

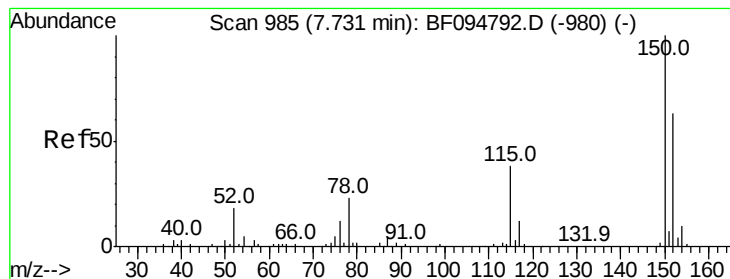
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052317\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.44	196	137238	35.93	nq	98
43) 2,4,5-Trichlorophenol	11.54	196	130434	31.77	nq	93
45) 1,1'-Biphenyl	11.69	154	574824	36.70	nq	97
46) 2-Chloronaphthalene	11.71	162	450638	35.63	nq	95
47) 2-Nitroaniline	11.94	65	121053	34.97	nq	# 76
48) Acenaphthylene	12.37	152	731706	36.94	nq	99
49) Dimethylphthalate	12.25	163	654660	42.87	nq	99
50) 2,6-Dinitrotoluene	12.34	165	120546	38.69	nq	96
51) Acenaphthene	12.65	154	431523	36.47	nq	99
52) 3-Nitroaniline	12.63	138	77899	23.29	nq	87
53) 2,4-Dinitrophenol	12.84	184	60855	38.94	nq	# 71
54) Dibenzofuran	12.95	168	653862	39.93	nq	97
55) 4-Nitrophenol	13.03	139	111209	55.37	nq	# 73
56) 2,4-Dinitrotoluene	13.02	165	155332	38.80	nq	94
57) Fluorene	13.50	166	461580	32.42	nq	100
58) 2,3,4,6-Tetrachlorophenol	13.19	232	98991	38.31	nq	# 94
59) Diethylphthalate	13.39	149	507896	34.70	nq	98
60) 4-Chlorophenyl-phenylether	13.52	204	212523	33.97	nq	90
61) 4-Nitroaniline	13.63	138	83082	27.06	nq	94
62) Azobenzene	13.78	77	431782	36.71	nq	94
64) 4,6-Dinitro-2-methylphenol	13.69	198	54215	29.83	nq	# 68
65) n-Nitrosodiphenylamine	13.73	169	414248	42.10	nq	99
66) 4-Bromophenyl-phenylether	14.31	248	108775	37.97	nq	99
67) Hexachlorobenzene	14.39	284	104164	35.48	nq	# 87
68) Atrazine	14.65	200	109591	39.44	nq	96
69) Pentachlorophenol	14.75	266	67881	53.26	nq	95
70) Phenanthrene	15.05	178	570067	36.59	nq	98
71) Anthracene	15.13	178	601327	37.79	nq	98
72) Carbazole	15.41	167	516214	35.65	nq	97
73) Di-n-butylphthalate	15.97	149	712930	39.48	nq	99
74) Fluoranthene	16.79	202	541309	33.87	nq	99
76) Benzidine	17.02	184	223528	47.55	nq	# 93
77) Pyrene	17.09	202	524261	40.27	nq	99
79) Butylbenzylphthalate	17.98	149	258959	42.76	nq	88
80) Benzo(a)anthracene	18.67	228	361893	35.72	nq	98
81) 3,3'-Dichlorobenzidine	18.65	252	108569	31.03	nq	# 97
82) Chrysene	18.72	228	348734	35.60	nq	98
83) Bis(2-ethylhexyl)phthalate	18.73	149	343034	39.76	nq	# 97
84) Di-n-octyl phthalate	19.49	149	519655	36.74	nq	96
85) Indeno(1,2,3-cd)pyrene	21.68	276	371640	46.72	nq	99
87) Benzo(b)fluoranthene	19.95	252	330593	31.15	nq	97
88) Benzo(k)fluoranthene	19.98	252	424135	41.43	nq	95
89) Benzo(a)pyrene	20.30	252	369630	37.74	nq	97
90) Dibenzo(a,h)anthracene	21.69	278	302274	37.37	nq	98
91) Benzo(g,h,i)perylene	22.08	276	299128	37.68	nq	96

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

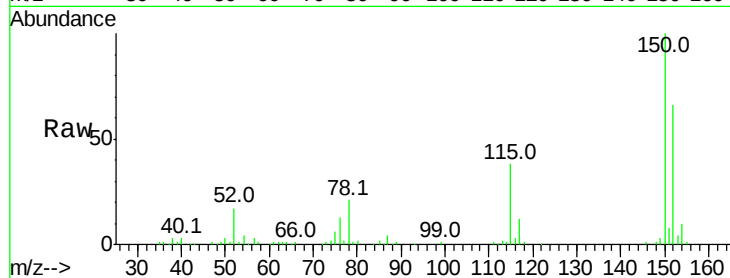


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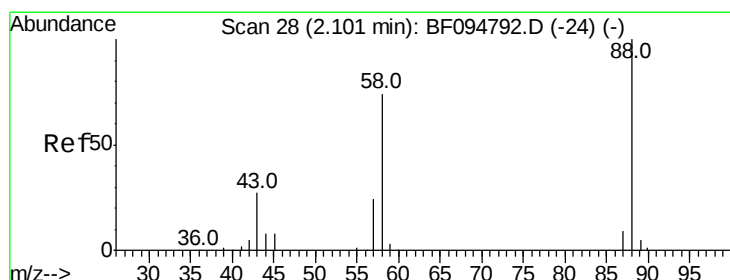
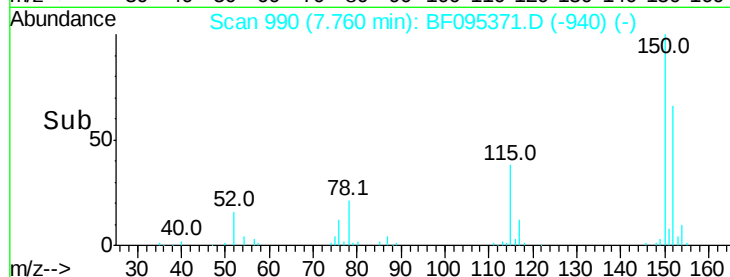
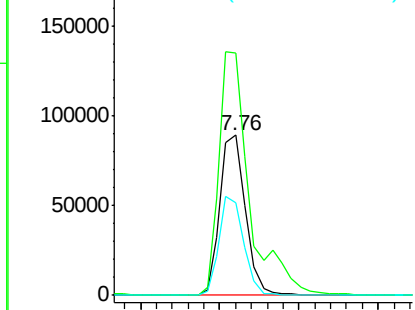
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095371.D
Acq: 24 May 2017 4:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 100037
Ion Ratio Lower Upper
152 100
150 151.7 126.2 189.2
115 57.6 52.2 78.2



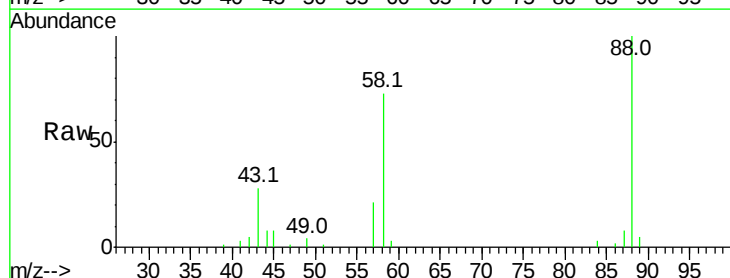
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



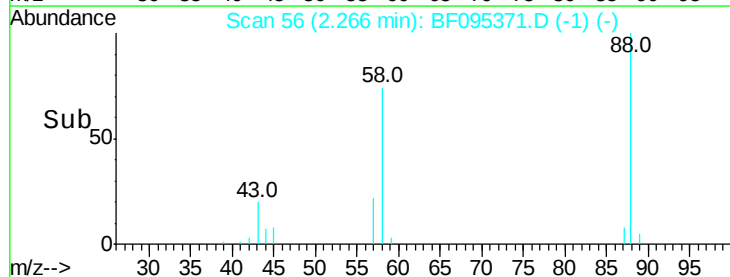
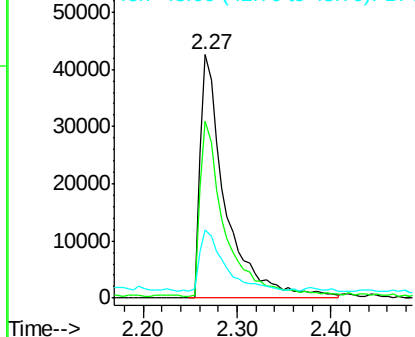
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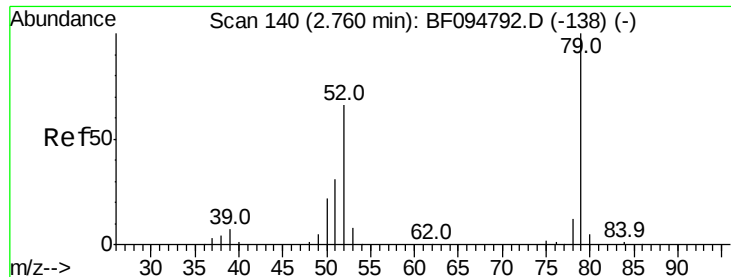
1,4-Dioxane
Concen: 27.07 ng
RT: 2.27 min Scan# 56
Delta R.T. 0.04 min
Lab File: BF095371.D
Acq: 24 May 2017 4:18

Tgt Ion: 88 Resp: 79667
Ion Ratio Lower Upper
88 100
58 70.9 61.4 92.0
43 24.8 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: 22.88 ng

RT: 2.99 min Scan# 179

Delta R.T. 0.06 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

Instrument :

BNA_F

ClientSampleId :

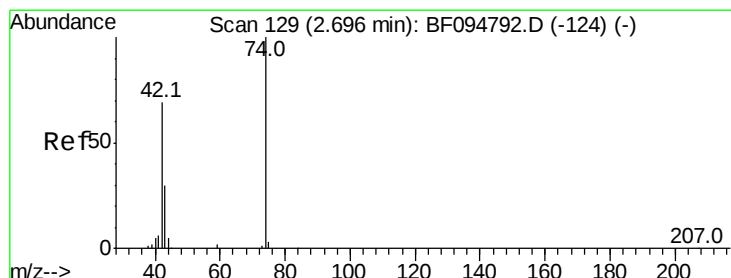
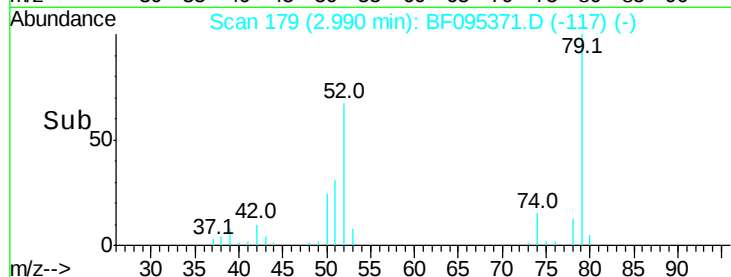
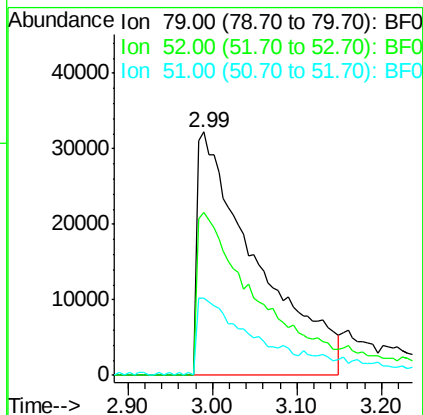
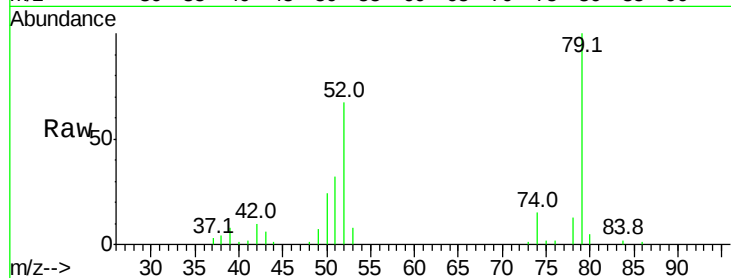
Tot Ion: 79 Resp: 156046

Ion Ratio Lower Upper

79 100

52 67.2 54.8 82.2

51 31.7 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 24.38 ng

RT: 2.90 min Scan# 164

Delta R.T. 0.05 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

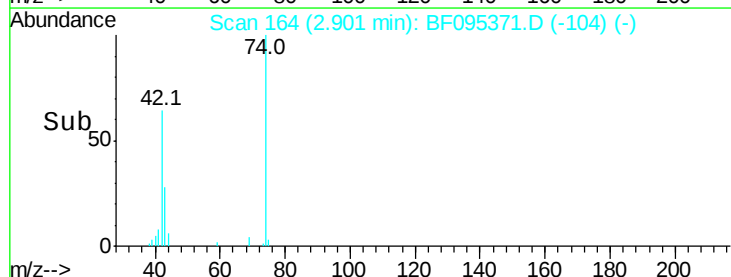
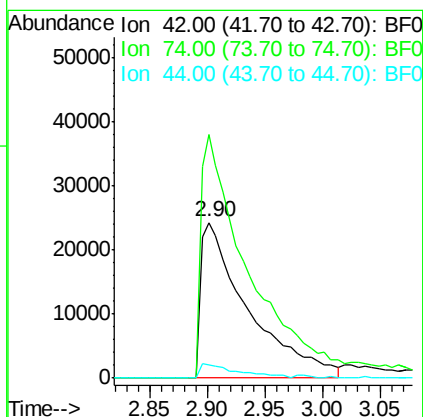
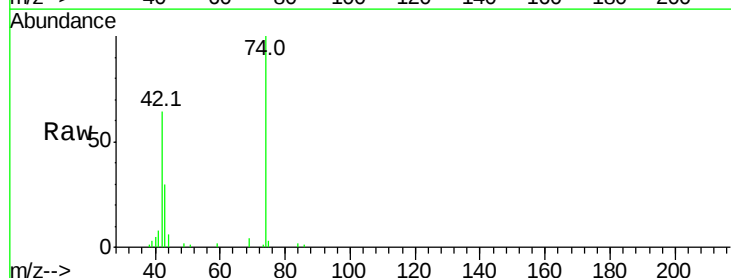
Tgt Ion: 42 Resp: 69309

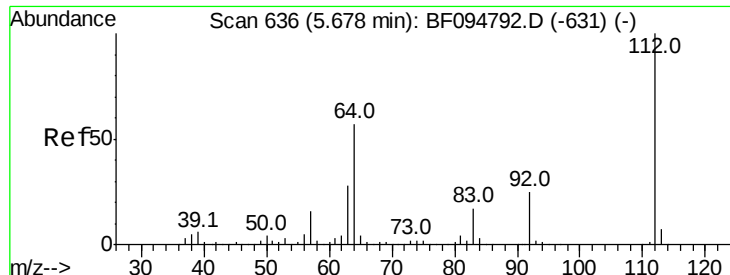
Ion Ratio Lower Upper

42 100

74 156.7 103.9 155.9#

44 8.8 5.7 8.5#





#5

2-Fluorophenol

Concen: 119.76 ng

RT: 5.73 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

Instrument :

BNA_F

ClientSampleId :

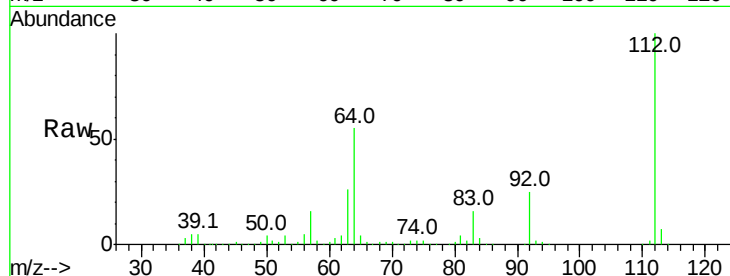
Tot Ion:112 Resp: 718590

Ion Ratio Lower Upper

112 100

64 55.1 46.0 69.0

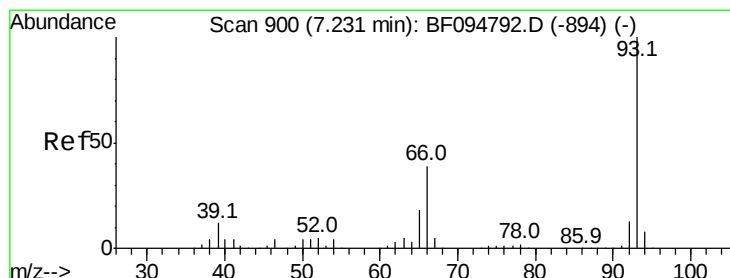
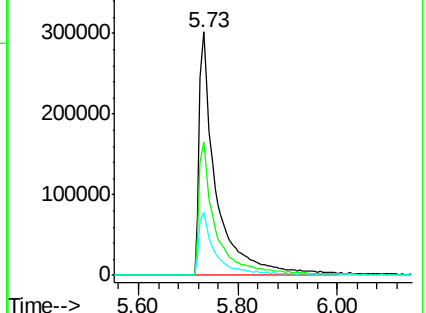
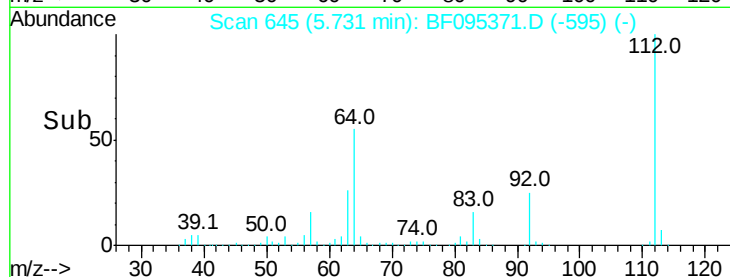
63 25.7 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 33.50 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

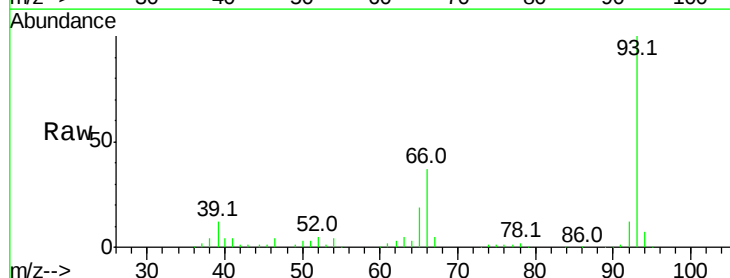
Tgt Ion: 93 Resp: 304512

Ion Ratio Lower Upper

93 100

66 37.2 32.9 49.3

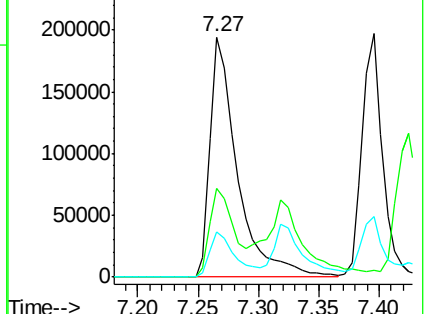
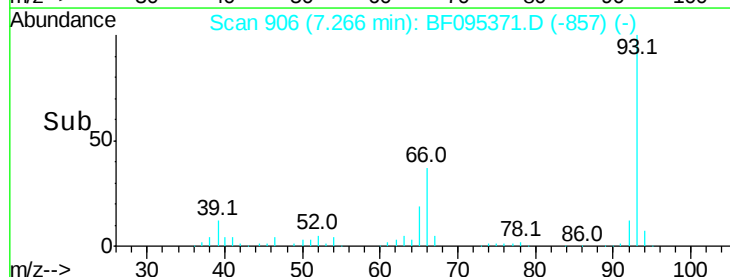
65 18.9 16.0 24.0

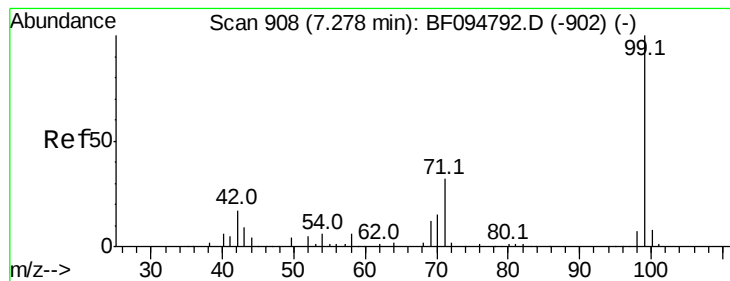


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 115.83 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

Instrument :

BNA_F

ClientSampleId :

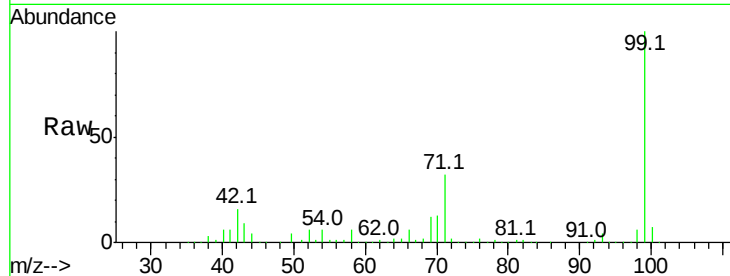
Tot Ion: 99 Resp: 833900

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

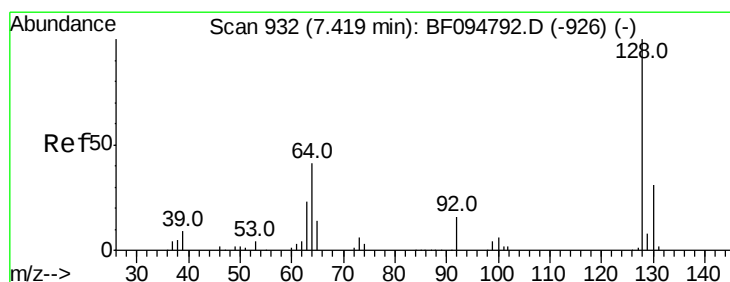
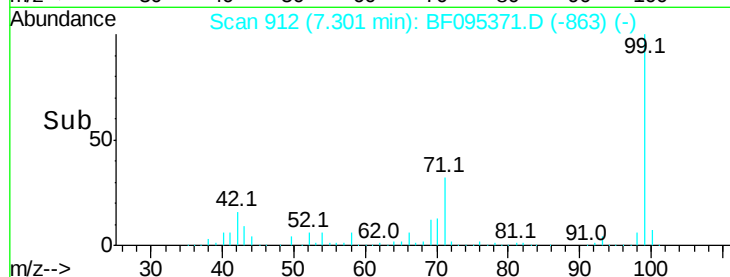
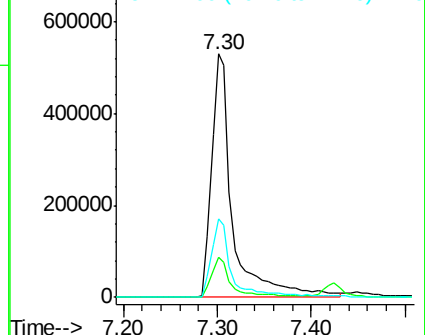
71 32.2 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 34.82 ng

RT: 7.45 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

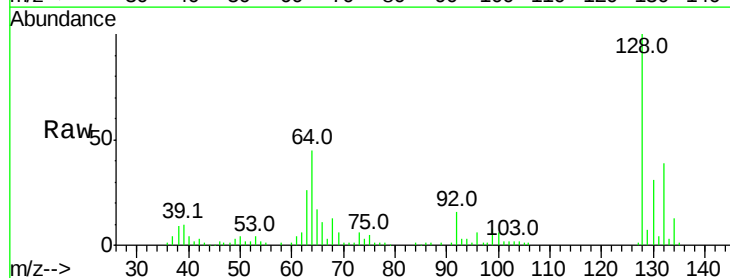
Tgt Ion: 128 Resp: 237779

Ion Ratio Lower Upper

128 100

130 31.5 12.9 52.9

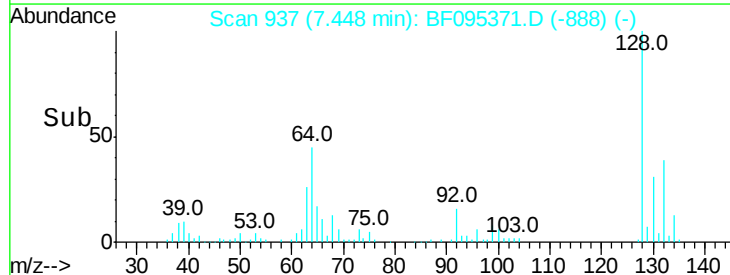
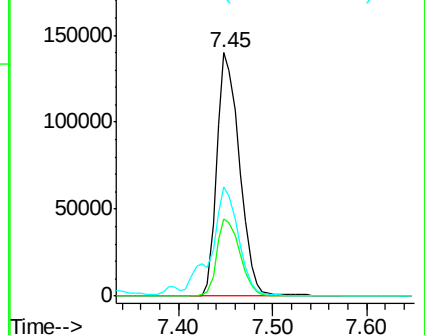
64 44.9 28.4 68.4

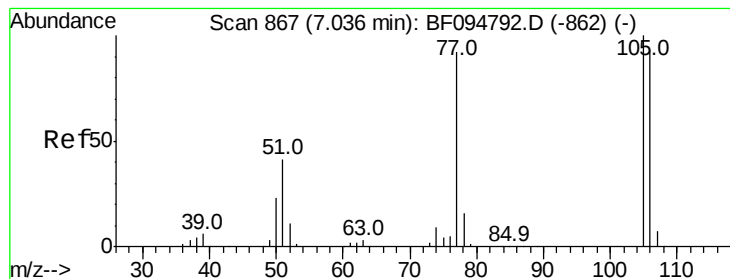


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.80 ng

RT: 7.11 min Scan# 879

Delta R.T. 0.02 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

Instrument :

BNA_F

ClientSampleId :

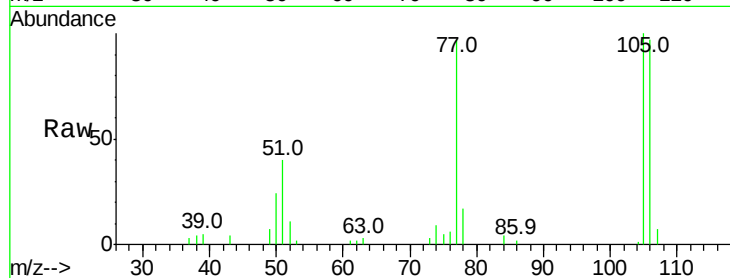
Tot Ion: 77 Resp: 56283

Ion Ratio Lower Upper

77 100

105 103.1 83.8 123.8

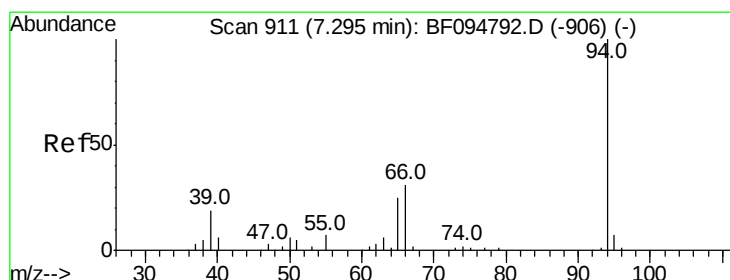
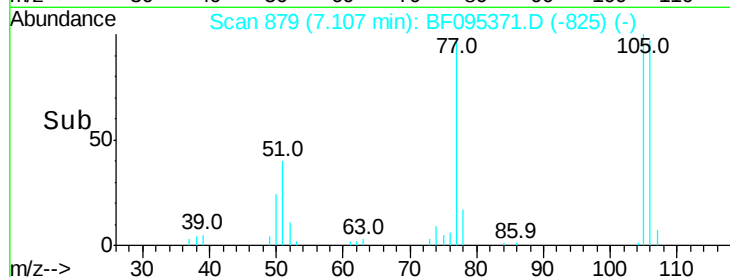
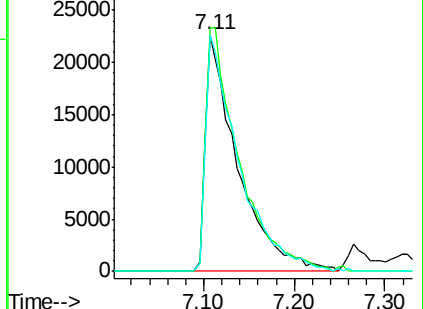
106 100.2 79.1 119.1



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: 43.72 ng

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

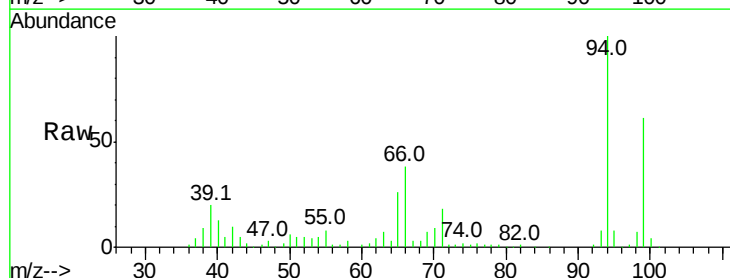
Tgt Ion: 94 Resp: 331711

Ion Ratio Lower Upper

94 100

65 25.9 9.9 49.9

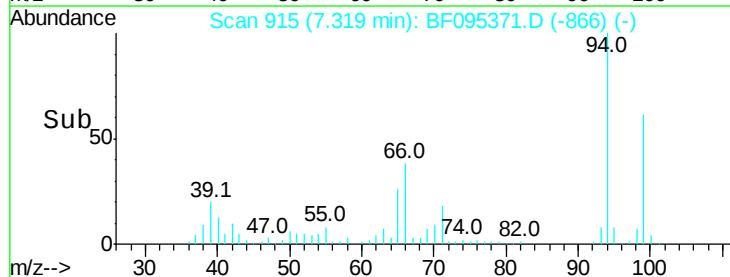
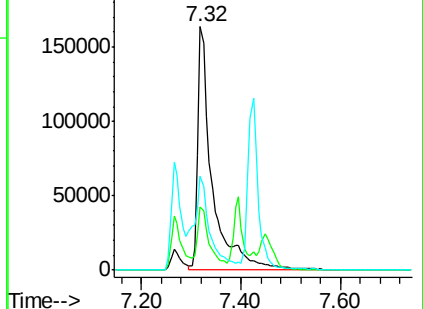
66 38.3 23.1 63.1

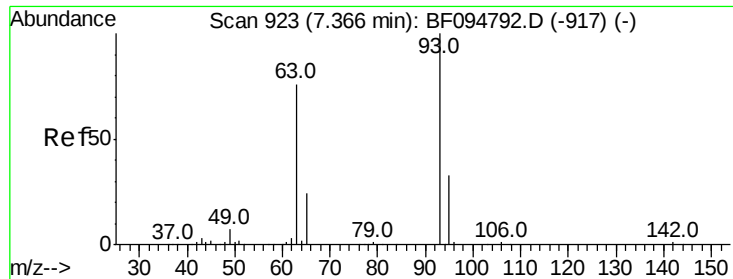


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 36.81 ng

RT: 7.40 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

Instrument :

BNA_F

ClientSampled :

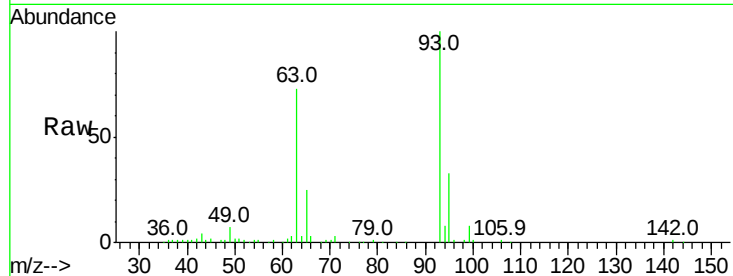
Tot Ion: 93 Resp: 230550

Ion Ratio Lower Upper

93 100

63 73.1 59.2 99.2

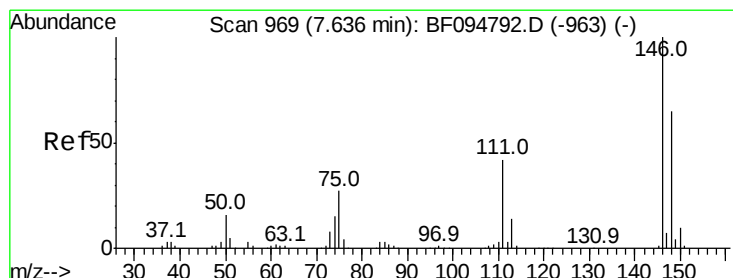
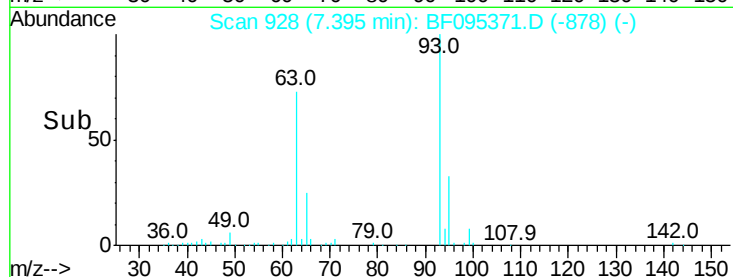
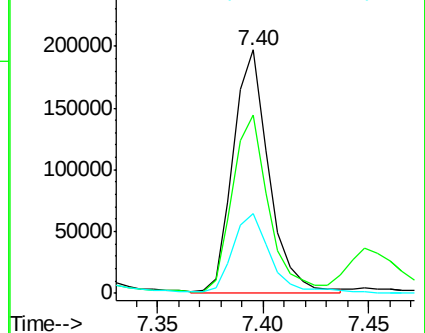
95 32.8 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 35.22 ng

RT: 7.66 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

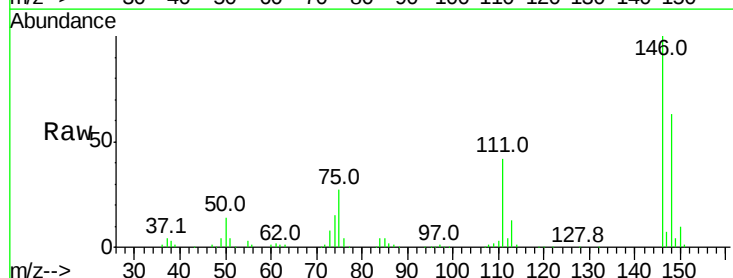
Tgt Ion: 146 Resp: 272874

Ion Ratio Lower Upper

146 100

148 63.0 51.8 77.6

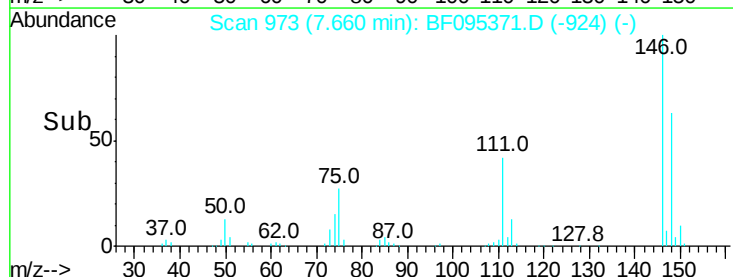
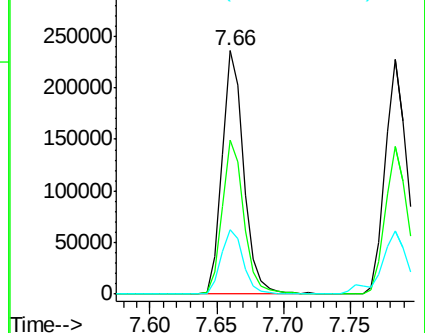
75 26.5 23.1 34.7

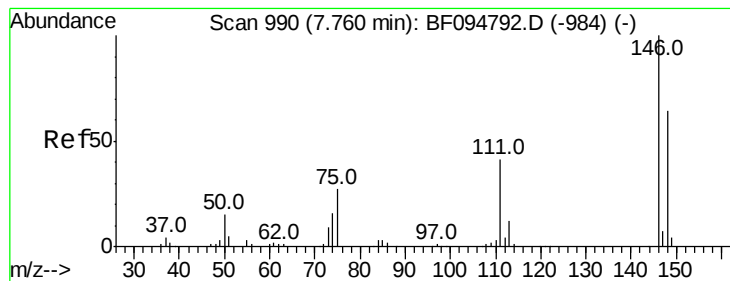


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 35.50 ng

RT: 7.78 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

Instrument :

BNA_F

ClientSampleId :

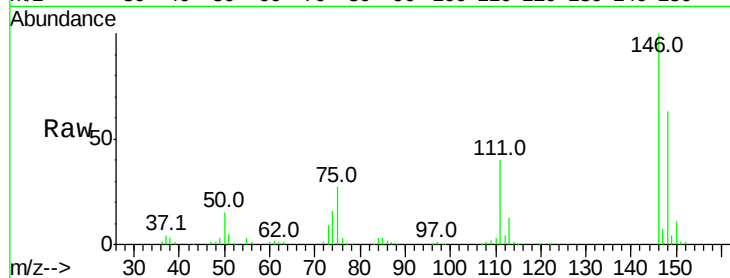
Tot Ion:146 Resp: 278915

Ion Ratio Lower Upper

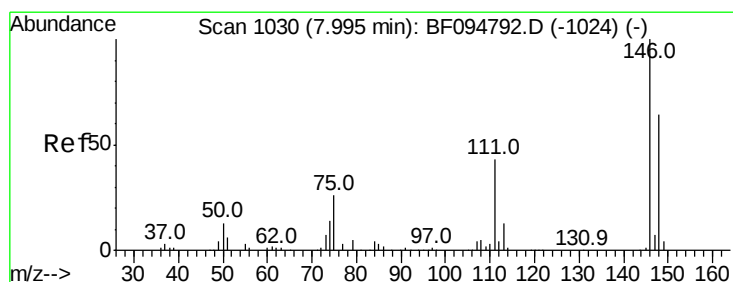
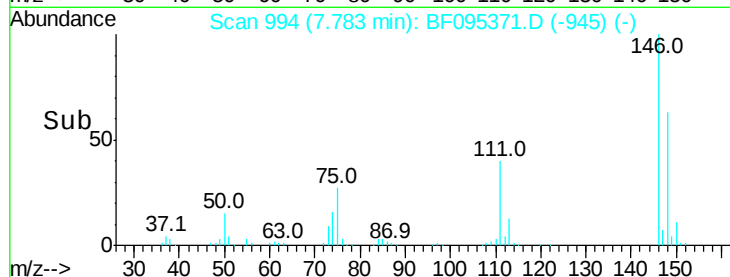
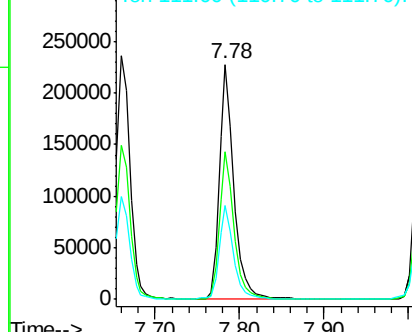
146 100

148 62.8 52.2 78.2

111 39.9 30.3 45.5



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



#14

1,2-Dichlorobenzene

Concen: 35.17 ng

RT: 8.01 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

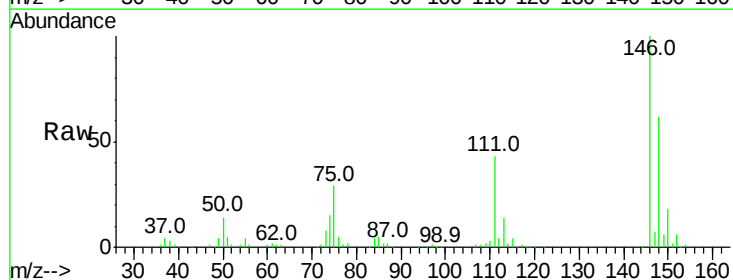
Tgt Ion:146 Resp: 257891

Ion Ratio Lower Upper

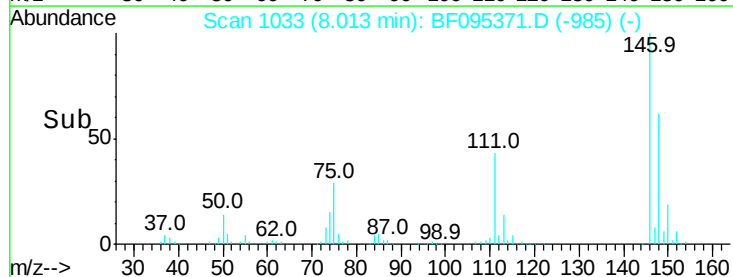
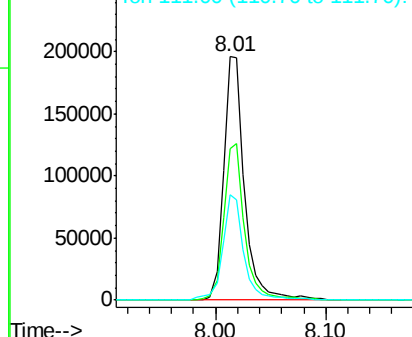
146 100

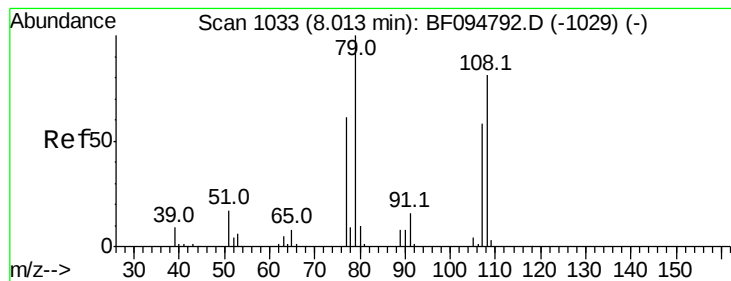
148 62.3 50.4 75.6

111 43.2 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: 43.23 ng

RT: 8.05 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

Instrument :

BNA_F

ClientSampled :

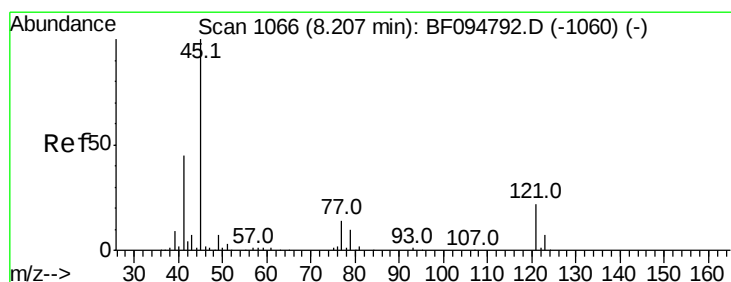
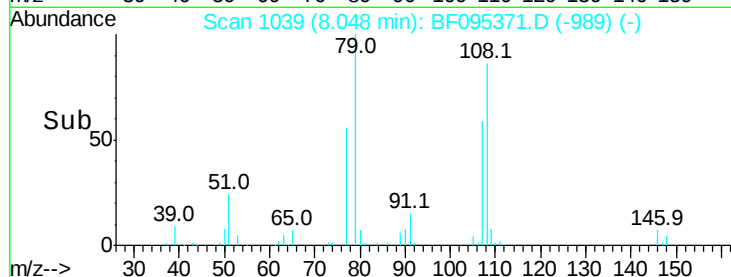
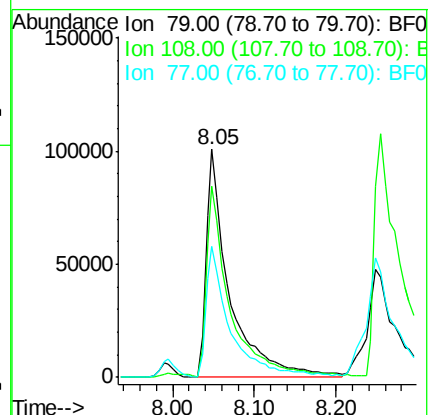
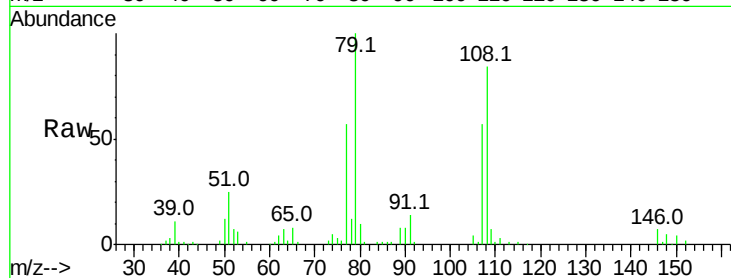
Tot Ion: 79 Resp: 200196

Ion Ratio Lower Upper

79 100

108 83.7 63.4 95.0

77 57.2 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.29 ng

RT: 8.24 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

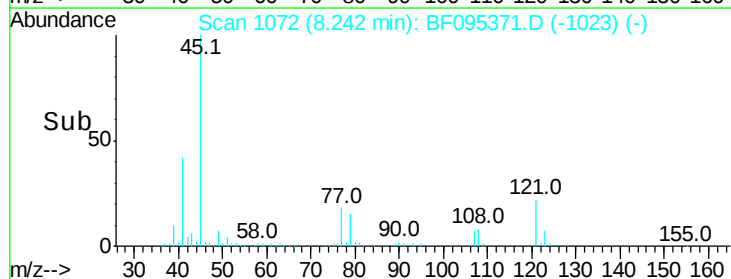
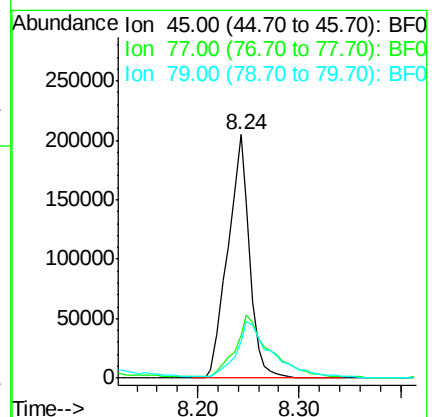
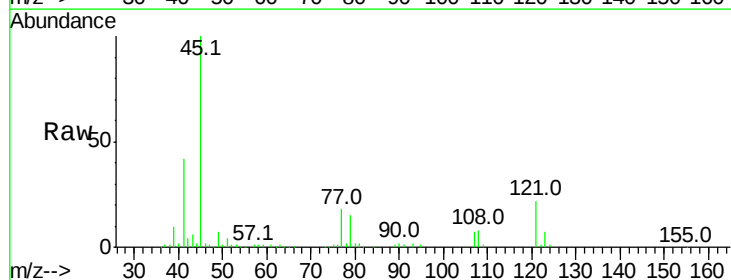
Tgt Ion: 45 Resp: 303920

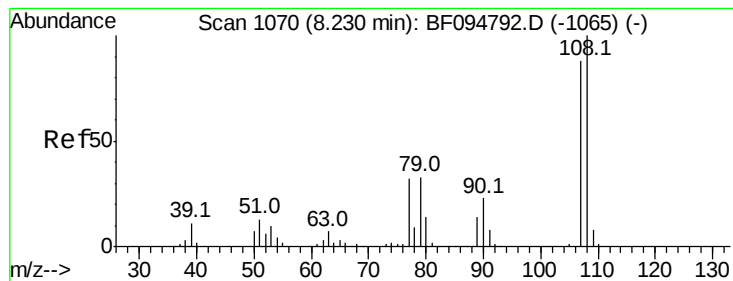
Ion Ratio Lower Upper

45 100

77 17.6 0.0 33.2

79 15.1 0.0 30.0





#17

2-Methylphenol

Concen: 36.86 ng

RT: 8.25 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 206013

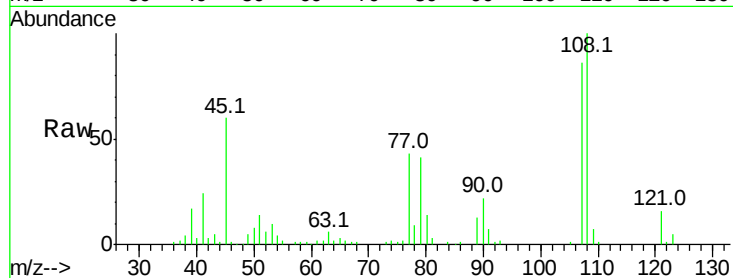
Ion Ratio Lower Upper

107 100

108 116.4 93.4 140.0

77 50.5 35.8 53.6

79 47.9 34.8 52.2

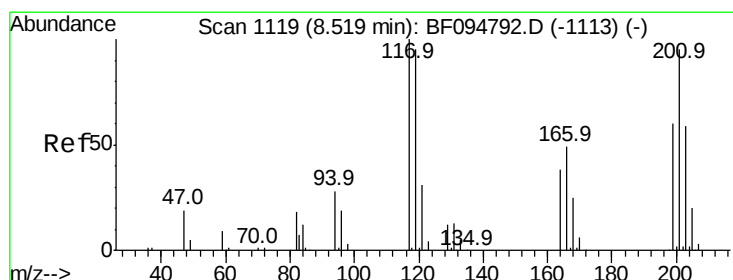
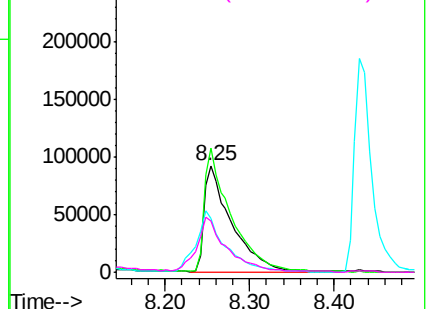
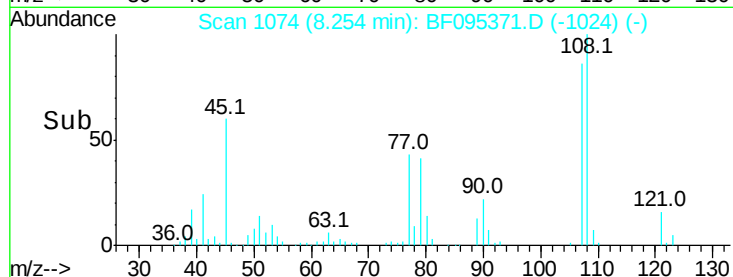


Abundance Ion 107.00 (106.70 to 107.70): E

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: 34.53 ng

RT: 8.53 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

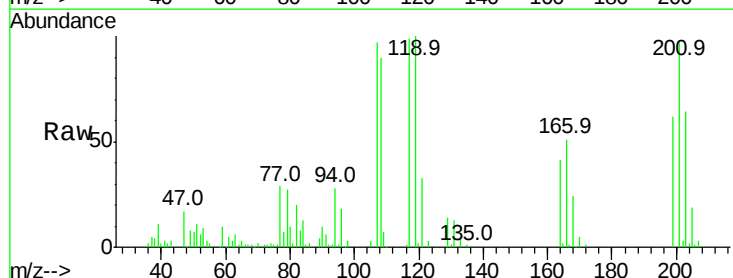
Tgt Ion:117 Resp: 91910

Ion Ratio Lower Upper

117 100

119 101.3 77.4 116.0

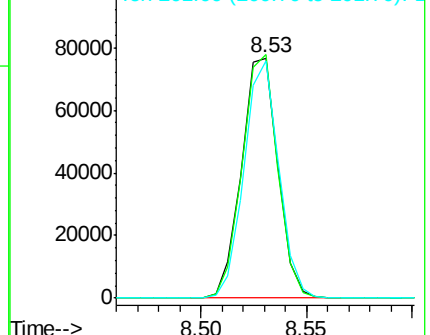
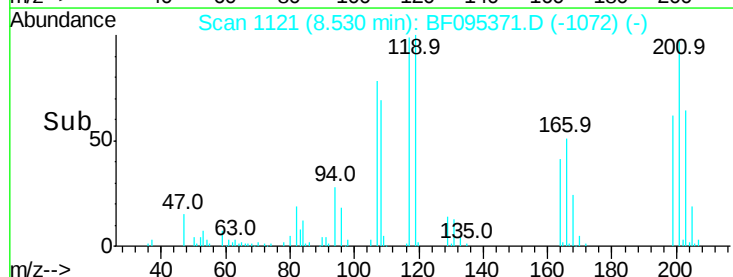
201 98.6 94.6 141.8

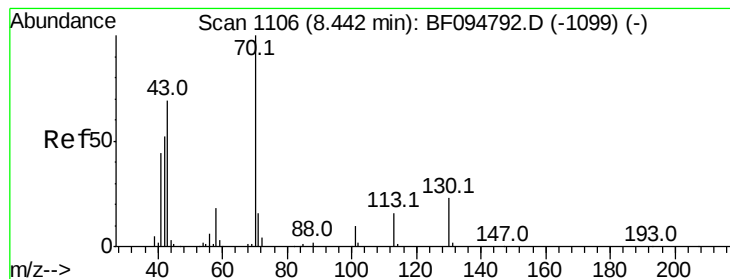


Abundance Ion 117.00 (116.70 to 117.70): E

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: 37.74 ng

RT: 8.46 min Scan# 1109

Delta R.T. -0.02 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 183769

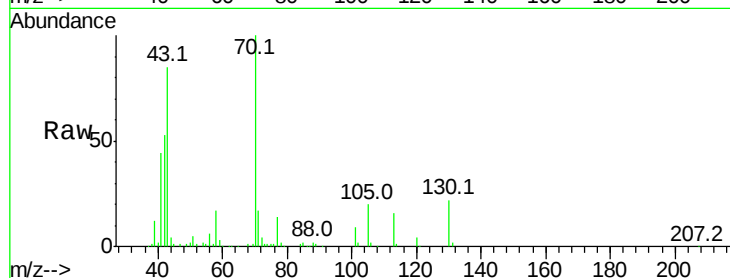
Ion Ratio Lower Upper

70 100

42 52.9 47.2 70.8

101 9.3 7.2 10.8

130 21.6 15.9 23.9

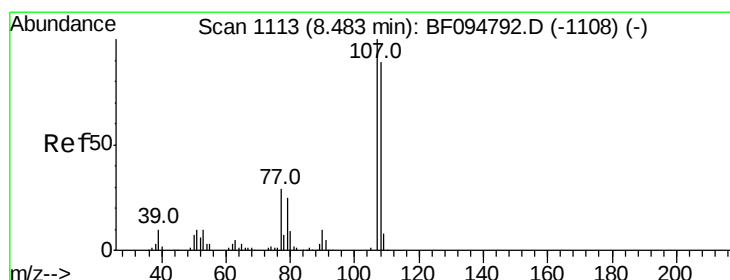
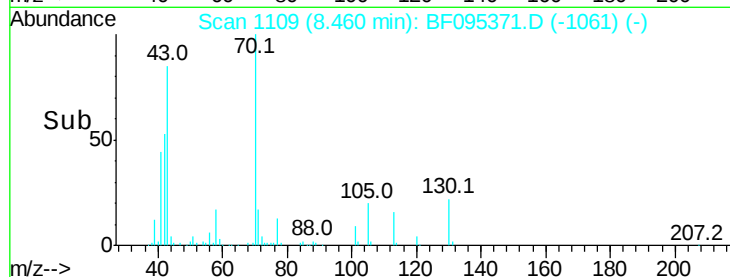
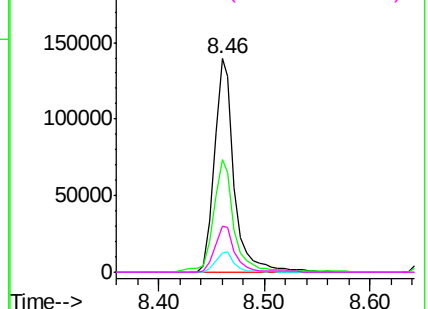


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 36.85 ng

RT: 8.52 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

Tgt Ion:107 Resp: 279888

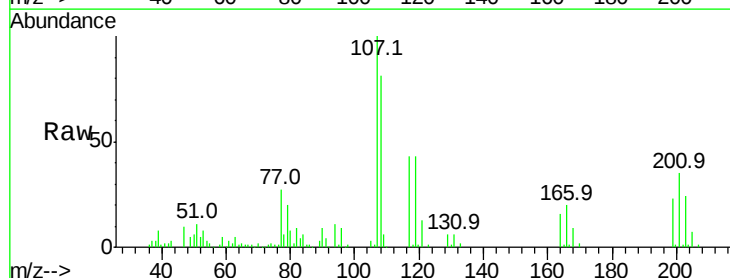
Ion Ratio Lower Upper

107 100

108 81.5 71.0 111.0

77 26.8 90.5 130.5#

79 19.6 8.4 48.4

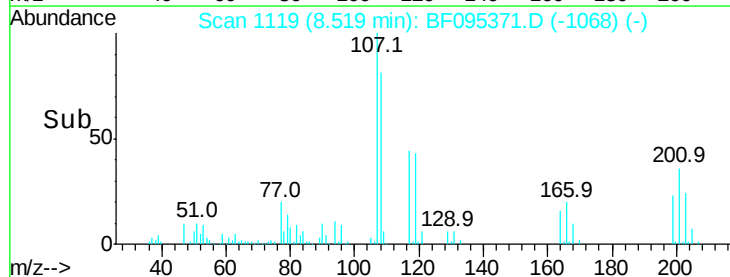
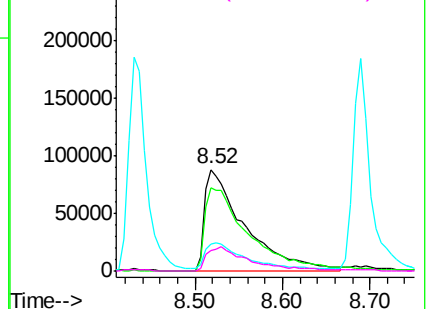


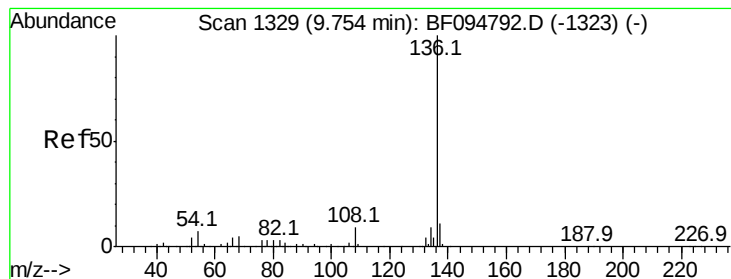
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.77 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 409585

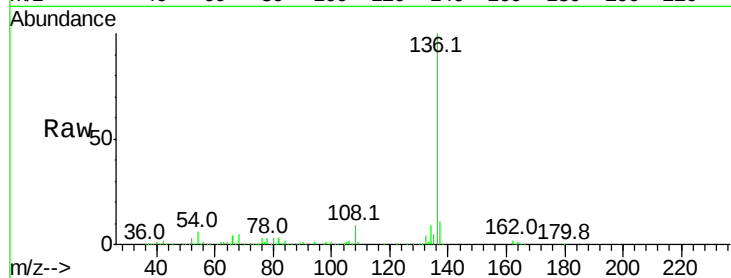
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.3 4.9 7.3

68 5.1 4.1 6.1



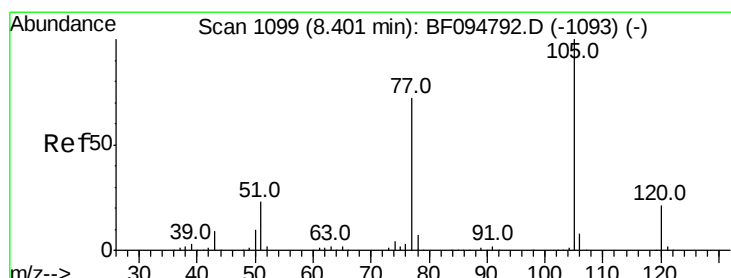
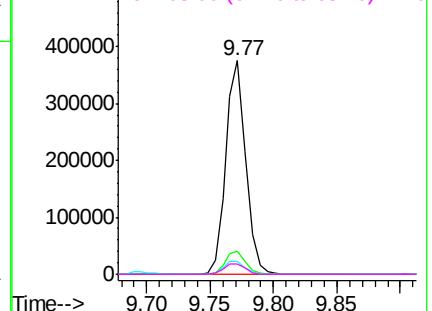
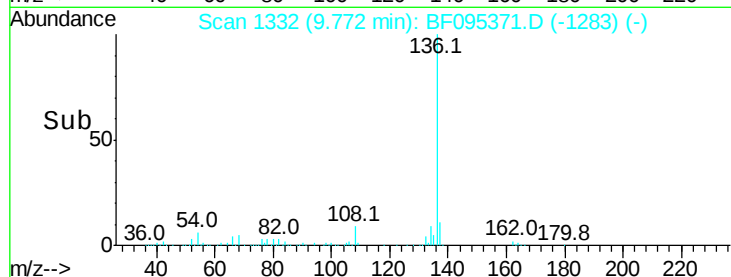
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36.81 ng

RT: 8.43 min Scan# 1104

Delta R.T. -0.02 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

Tgt Ion:105 Resp: 361749

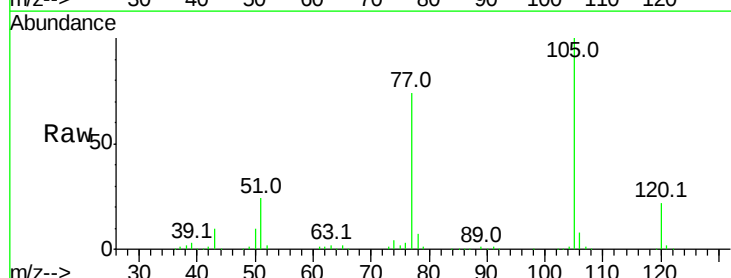
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 24.1 30.7 46.1#

120 22.1 17.4 26.0



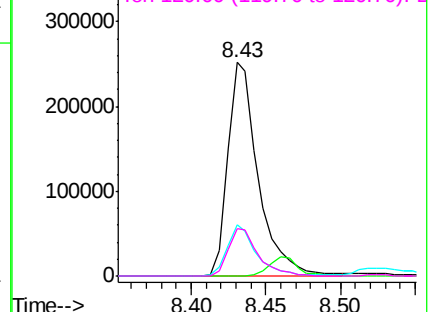
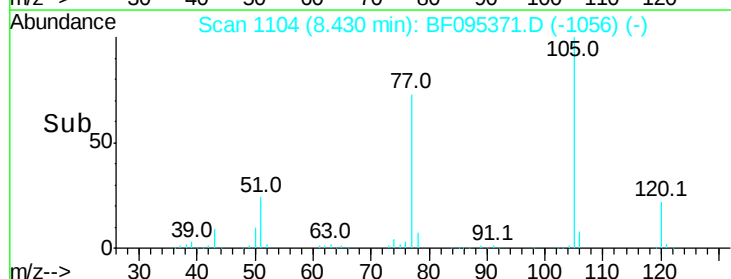
Abundance

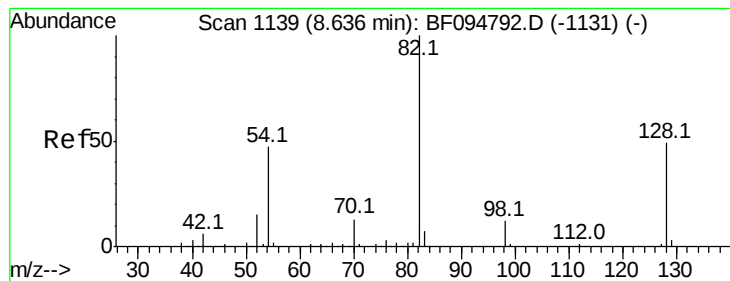
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 74.50 ng

RT: 8.66 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

Instrument :

BNA_F

ClientSampleId :

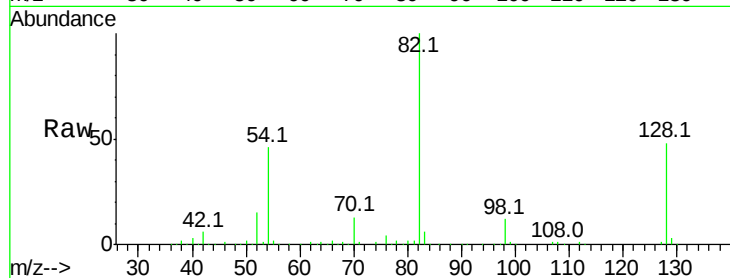
Tot Ion: 82 Resp: 483910

Ion Ratio Lower Upper

82 100

128 47.8 34.0 51.0

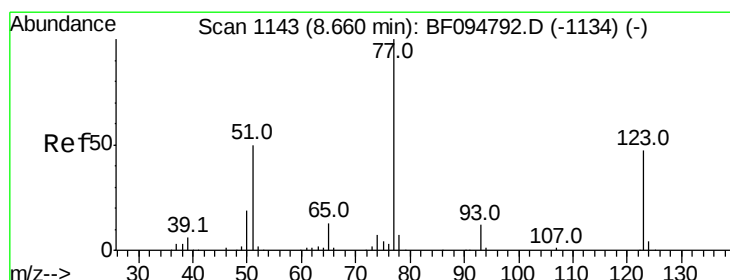
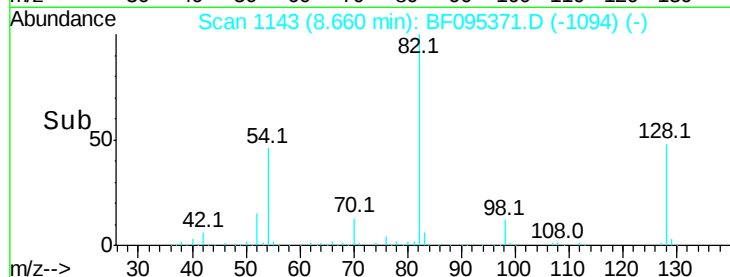
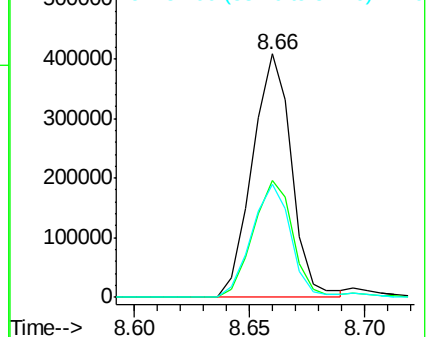
54 46.5 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 37.25 ng

RT: 8.69 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

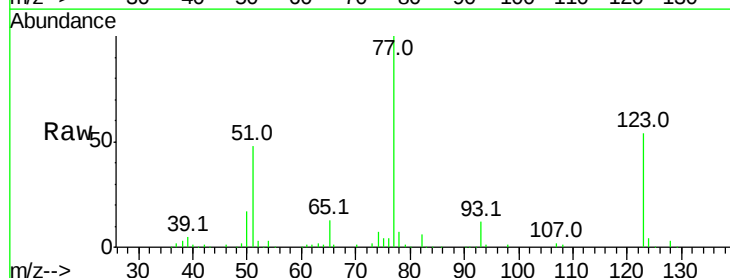
Tgt Ion: 77 Resp: 253576

Ion Ratio Lower Upper

77 100

123 53.7 35.8 53.8

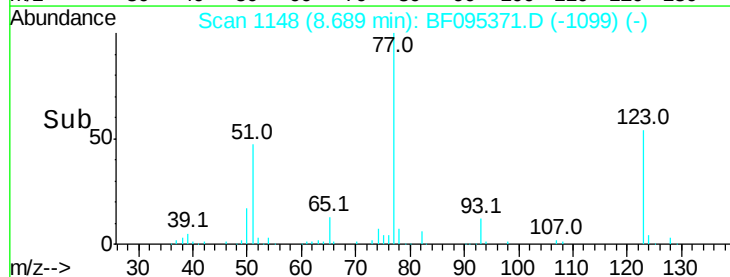
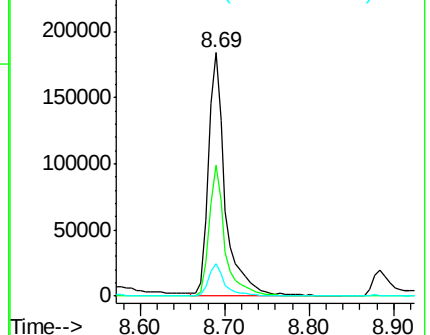
65 13.1 10.6 15.8

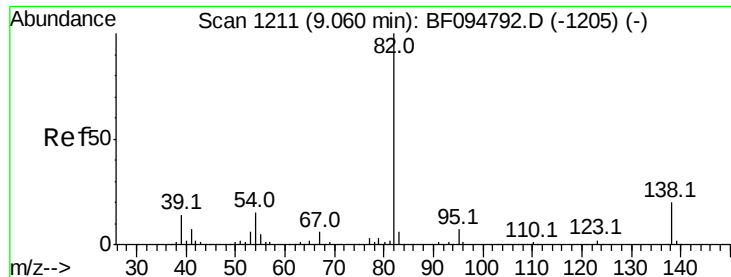


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.42 ng

RT: 9.09 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

Instrument :

BNA_F

ClientSampleId :

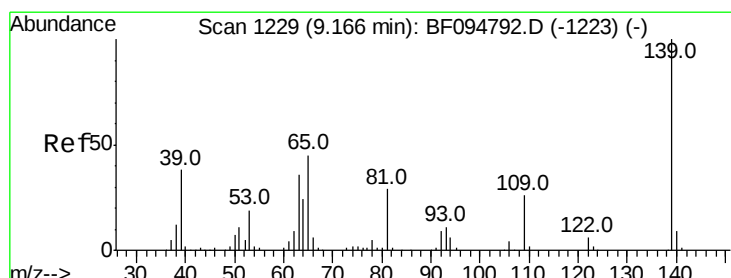
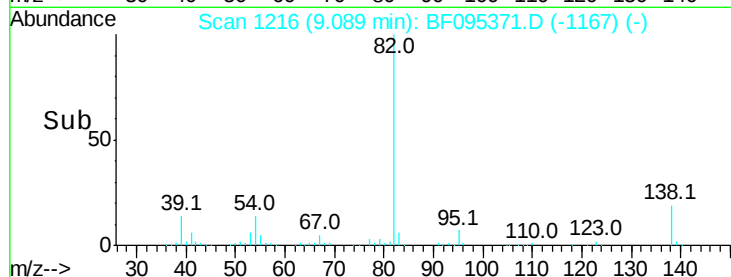
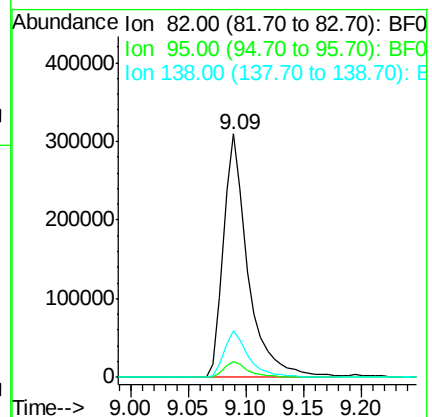
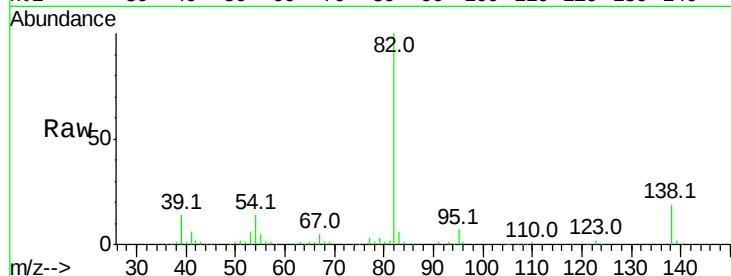
Tot Ion: 82 Resp: 457202

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 19.3 13.1 19.7



#26

2-Nitrophenol

Concen: 39.28 ng

RT: 9.20 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

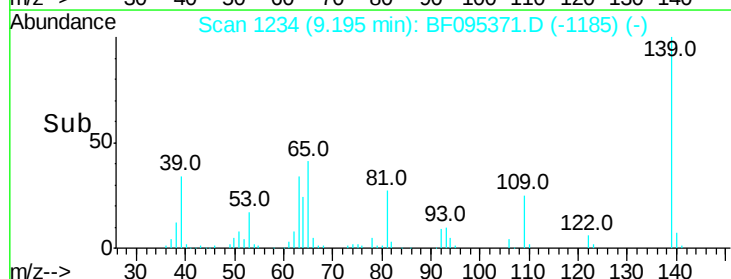
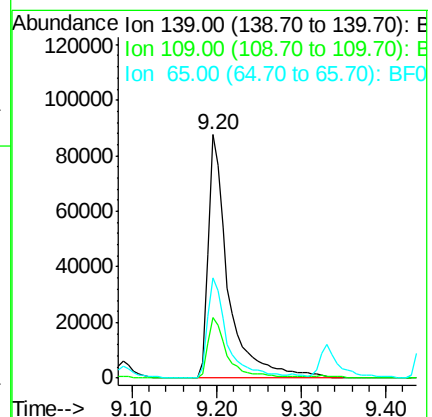
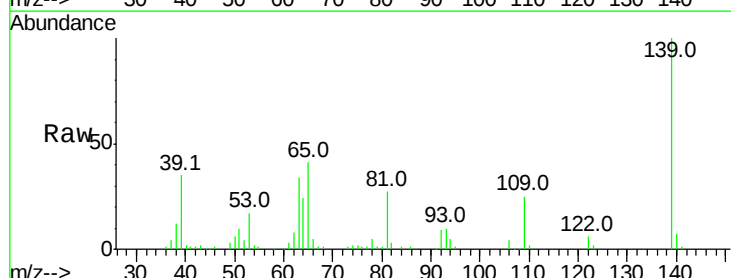
Tgt Ion: 139 Resp: 144318

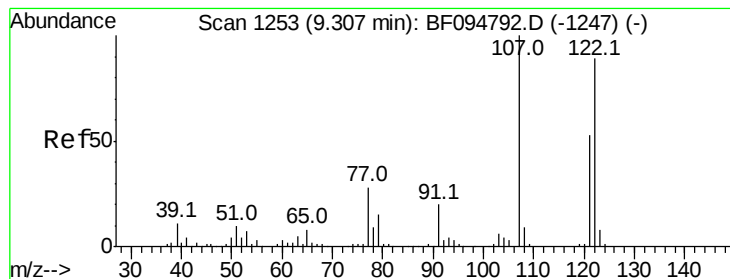
Ion Ratio Lower Upper

139 100

109 24.6 21.0 31.6

65 41.4 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 38.42 ng

RT: 9.33 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

Instrument :

BNA_F

ClientSampled :

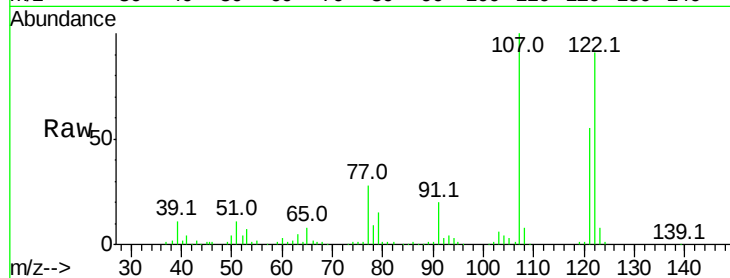
Tot Ion:122 Resp: 228192

Ion Ratio Lower Upper

122 100

107 109.4 89.2 133.8

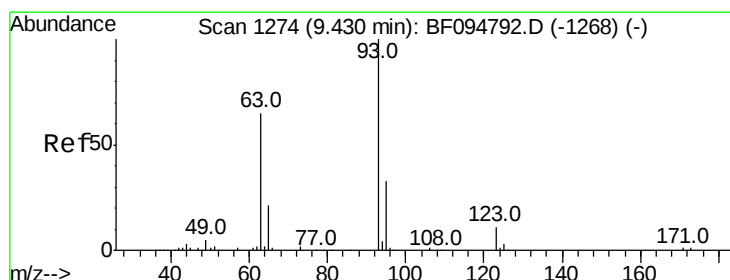
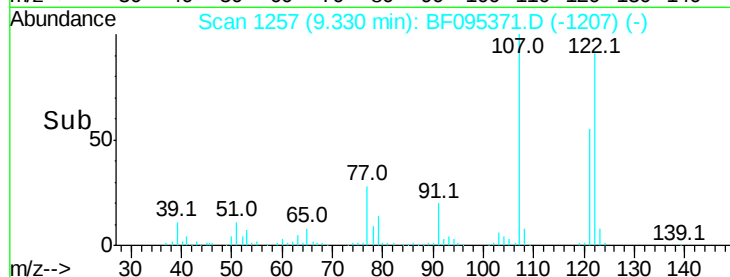
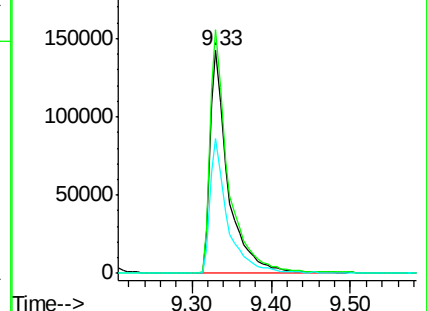
121 60.4 45.2 67.8



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: 37.03 ng

RT: 9.45 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

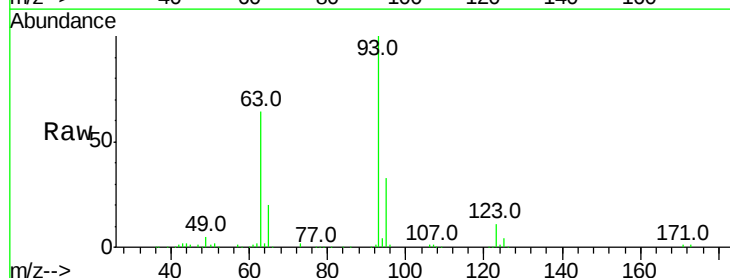
Tgt Ion: 93 Resp: 297111

Ion Ratio Lower Upper

93 100

95 32.5 26.5 39.7

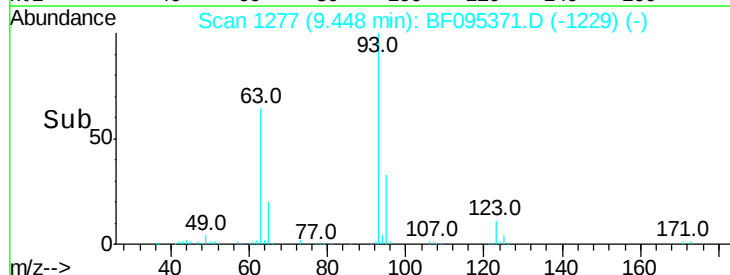
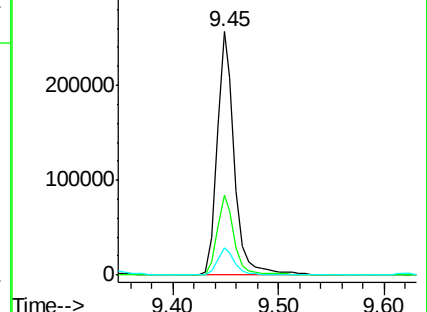
123 11.0 9.0 13.4

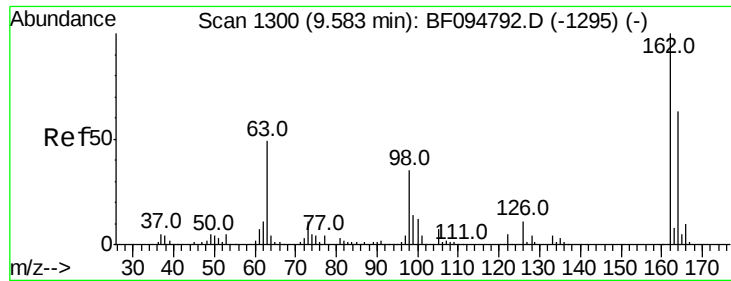


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

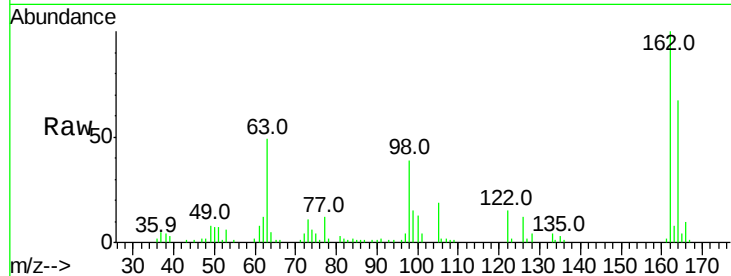




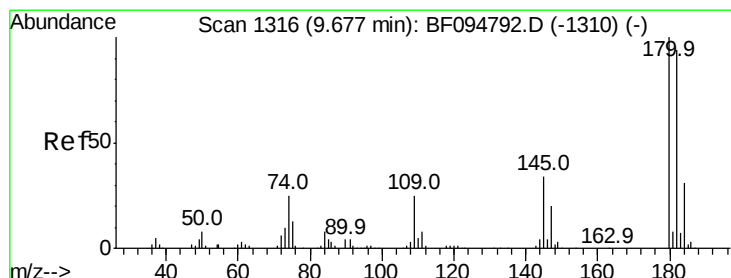
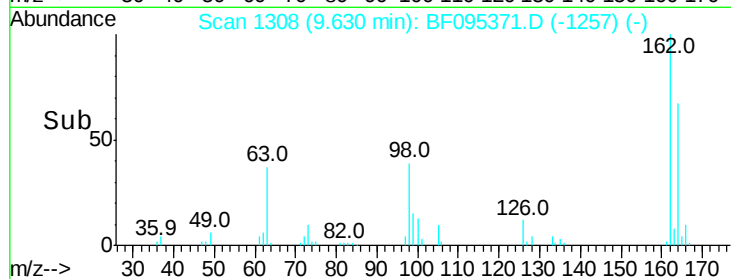
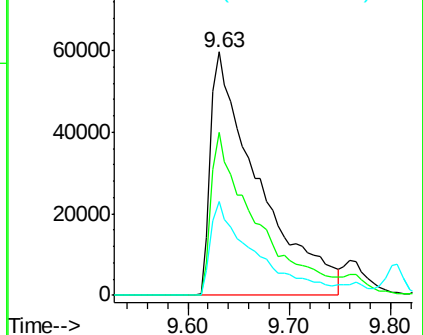
#29
 2,4-Dichlorophenol
 Concen: 34.89 ng
 RT: 9.63 min Scan# 1308
 Delta R.T. 0.00 min
 Lab File: BF095371.D
 Acq: 24 May 2017 4:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
162	100	195695		
164	66.7		44.6	84.6
98	38.7		14.8	54.8

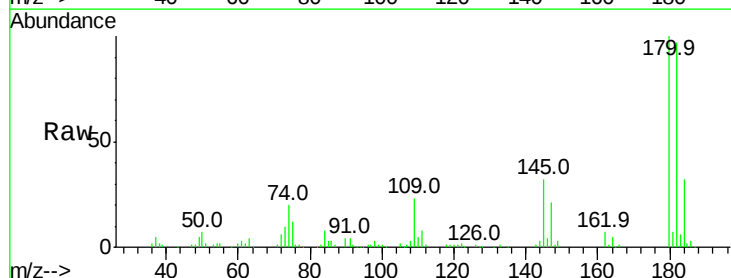


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

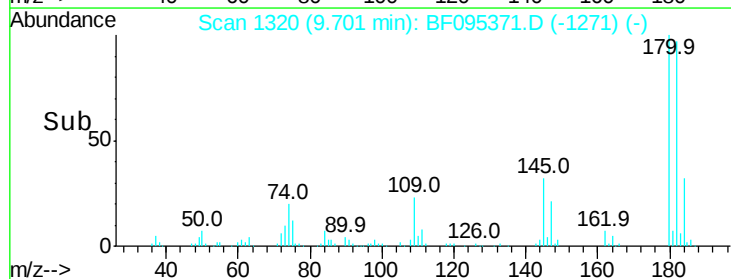
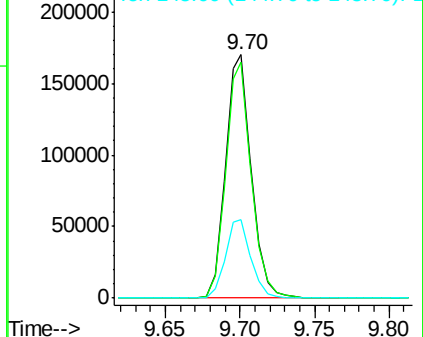


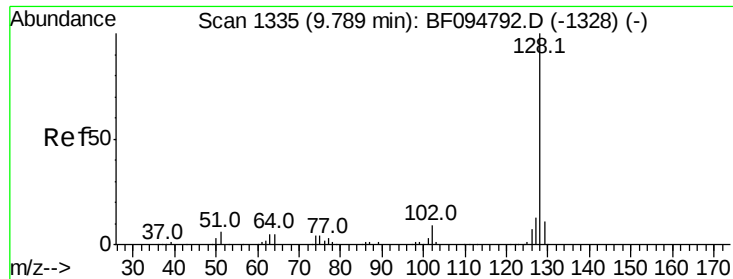
#30
 1,2,4-Trichlorobenzene
 Concen: 34.31 ng
 RT: 9.70 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF095371.D
 Acq: 24 May 2017 4:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	206169		
182	96.9		75.8	113.6
145	32.0		25.3	37.9



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

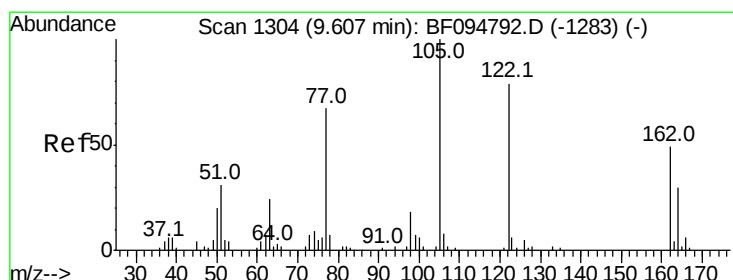
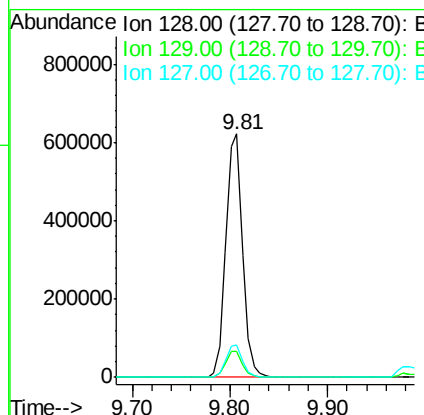
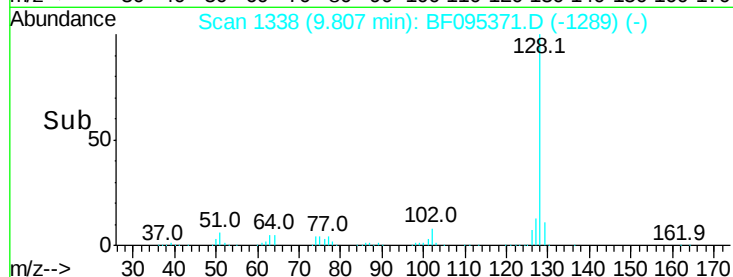
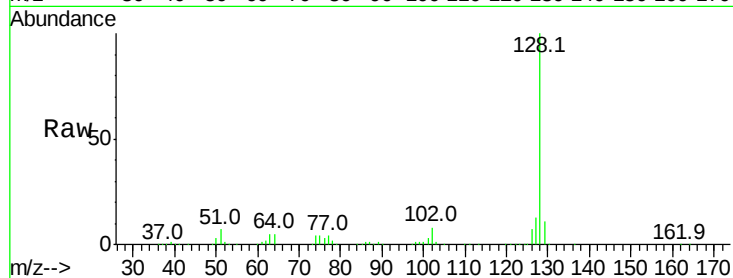




#31
Naphthalene
Concen: 35.75 ng
RT: 9.81 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF095371.D
Acq: 24 May 2017 4:18

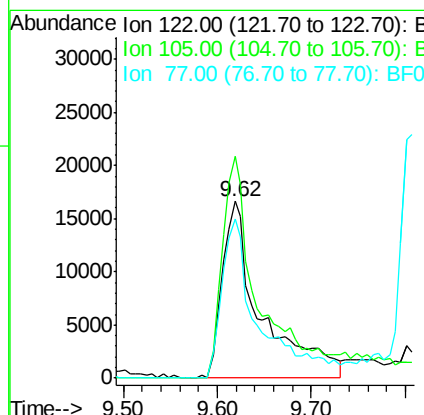
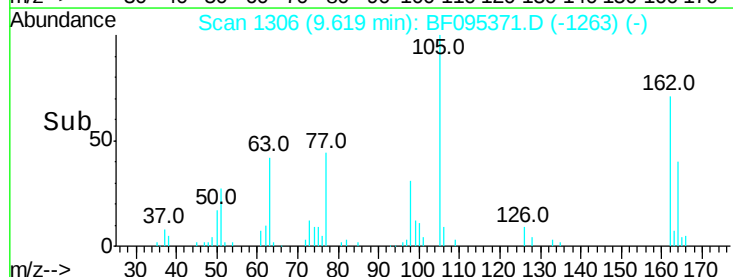
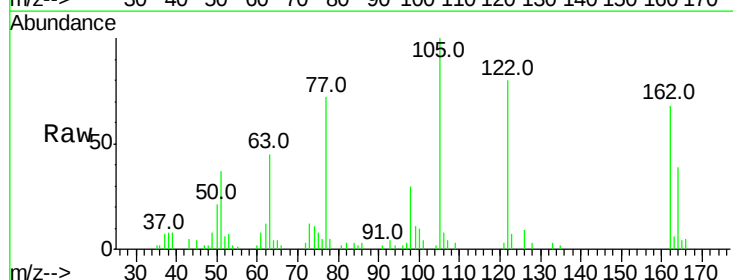
Instrument :
BNA_F
ClientSampled :

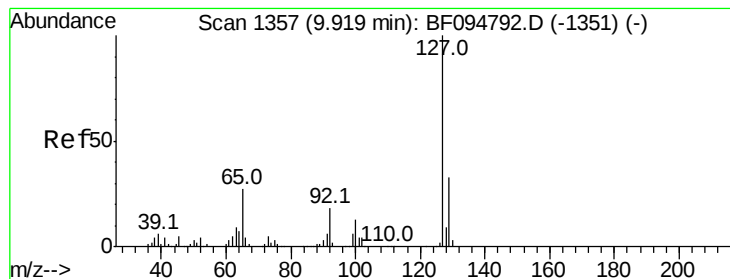
Tot Ion:128 Resp: 735852
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 16.03 ng
RT: 9.62 min Scan# 1306
Delta R.T. -0.05 min
Lab File: BF095371.D
Acq: 24 May 2017 4:18

Tgt Ion:122 Resp: 47737
Ion Ratio Lower Upper
122 100
105 125.4 103.3 143.3
77 89.7 73.7 113.7





#33

4-Chloroaniline

Concen: 11.08 ng

RT: 9.98 min Scan# 1367

Delta R.T. 0.02 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 85009

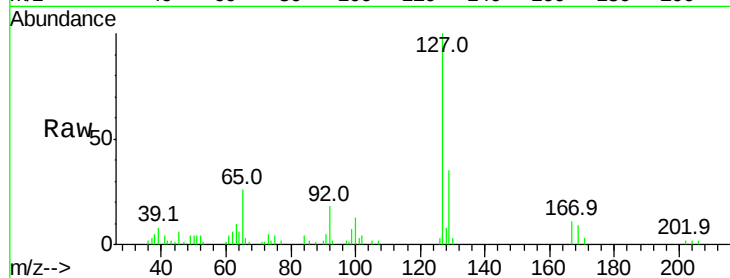
Ion Ratio Lower Upper

127 100

129 35.0 26.2 39.2

65 26.0 27.8 41.8#

92 18.4 16.8 25.2

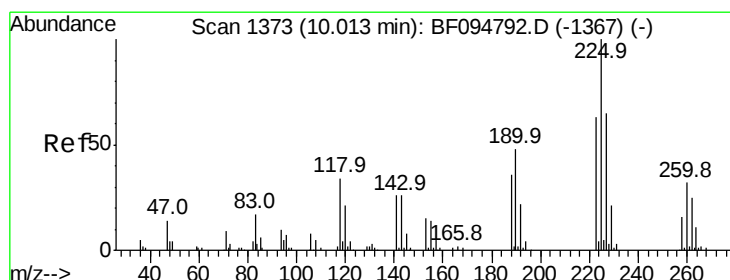
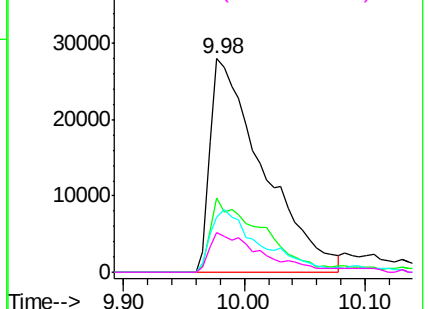
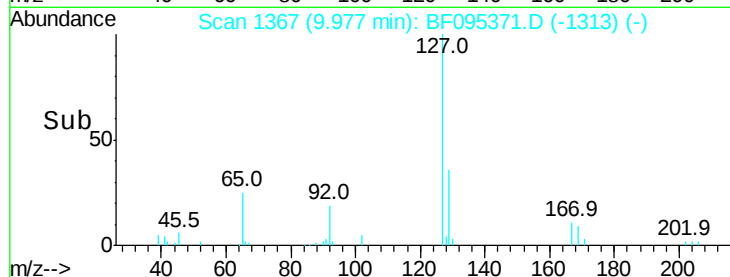


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 34.03 ng

RT: 10.02 min Scan# 1374

Delta R.T. -0.02 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

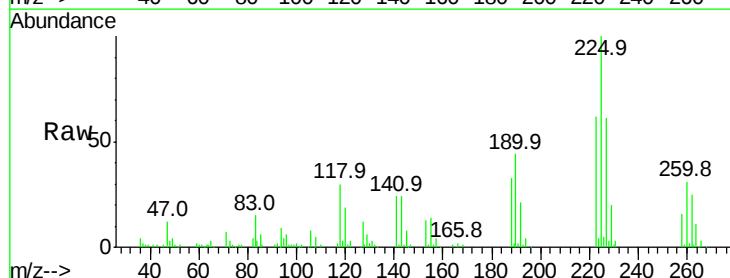
Tgt Ion:225 Resp: 107875

Ion Ratio Lower Upper

225 100

223 62.4 48.8 73.2

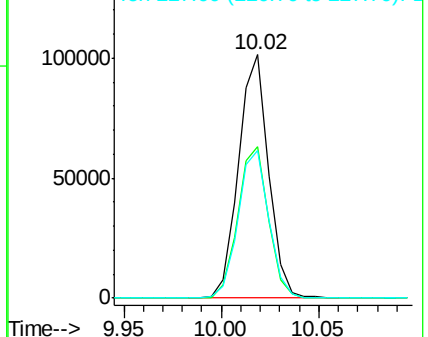
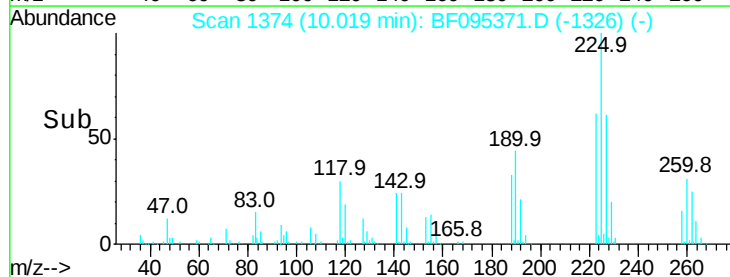
227 60.7 51.1 76.7

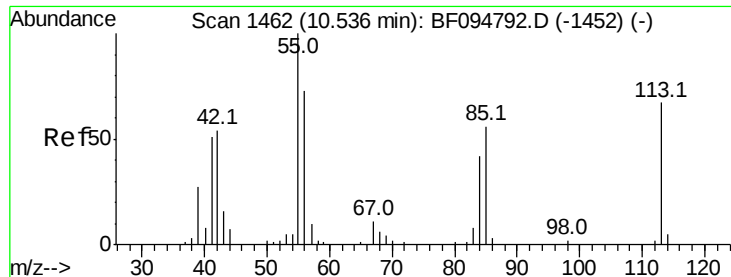


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

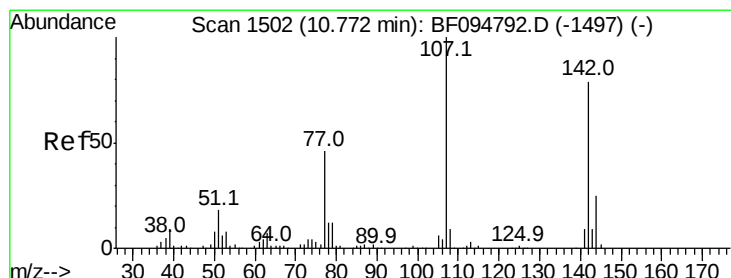
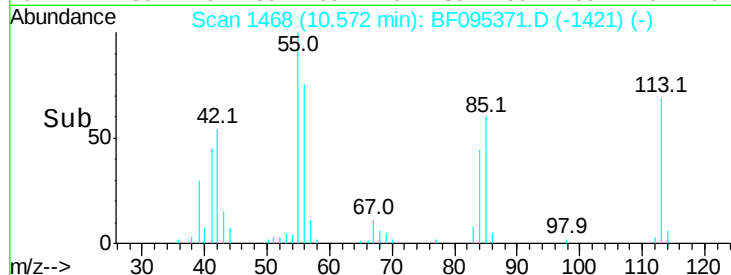
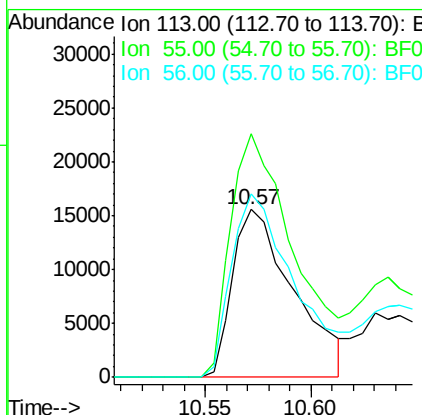
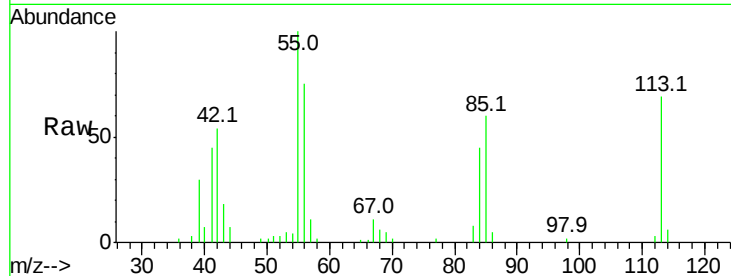




#35
 Caprolactam
 Concen: 18.55 ng
 RT: 10.57 min Scan# 1468
 Delta R.T. -0.02 min
 Lab File: BF095371.D
 Acq: 24 May 2017 4:18

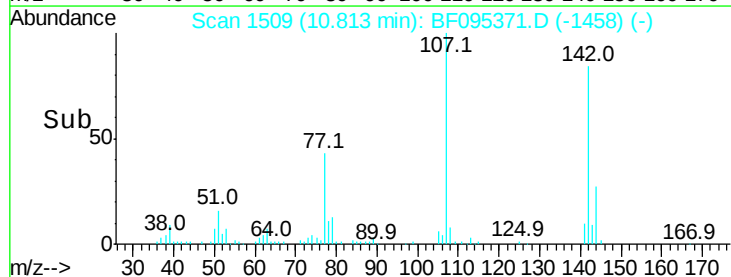
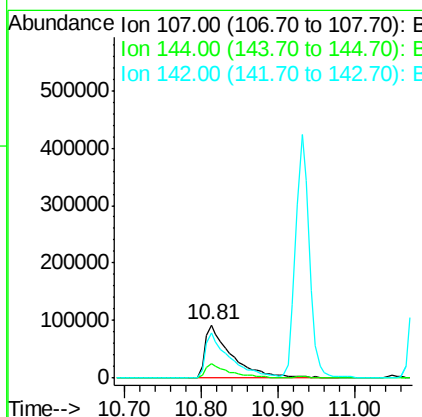
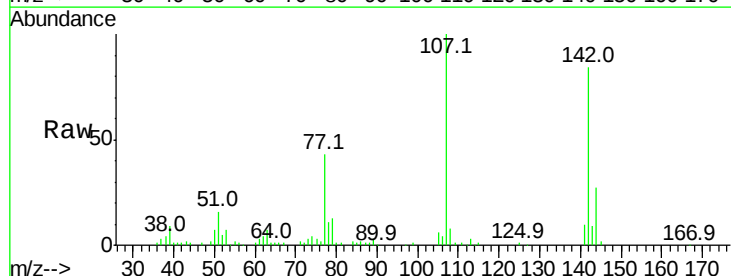
Instrument :
 BNA_F
 ClientSampleId :

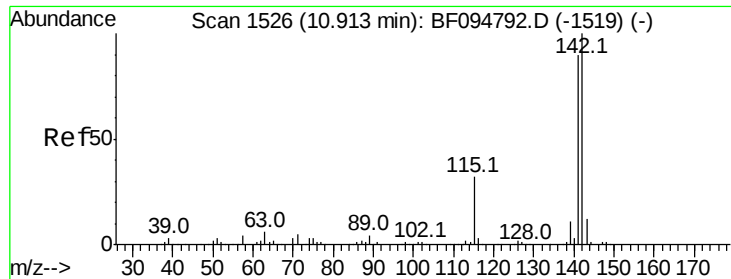
Tot Ion:113 Resp: 31247
 Ion Ratio Lower Upper
 113 100
 55 144.9 150.2 190.2#
 56 109.0 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 36.61 ng
 RT: 10.81 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: BF095371.D
 Acq: 24 May 2017 4:18

Tgt Ion:107 Resp: 219534
 Ion Ratio Lower Upper
 107 100
 144 27.1 24.2 36.4
 142 84.0 73.4 110.0

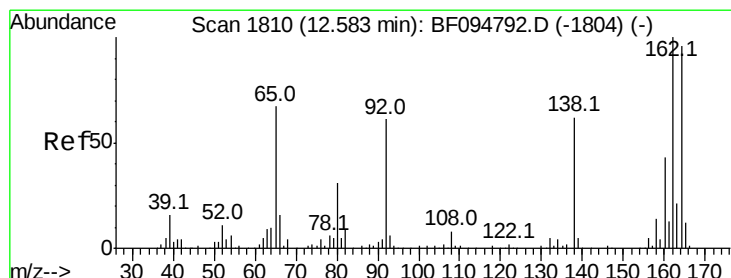
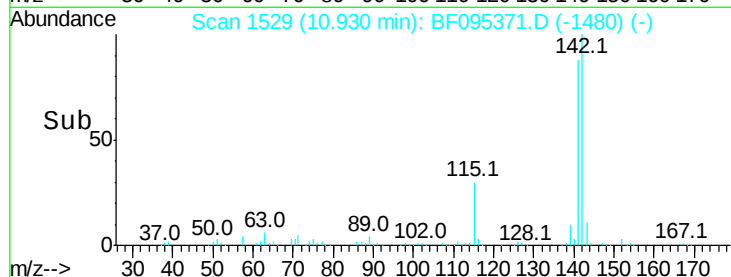
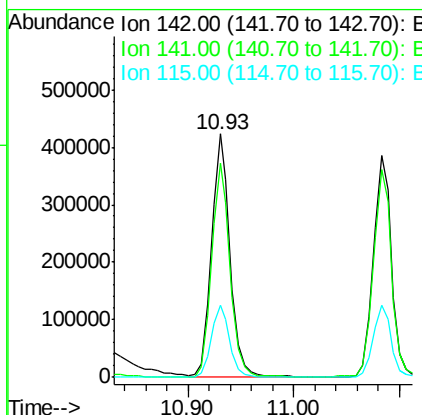
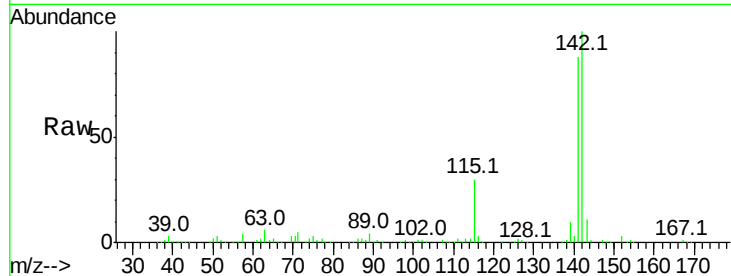




#37
 2-Methylnaphthalene
 Concen: 38.77 ng
 RT: 10.93 min Scan# 1529
 Delta R.T. -0.01 min
 Lab File: BF095371.D
 Acq: 24 May 2017 4:18

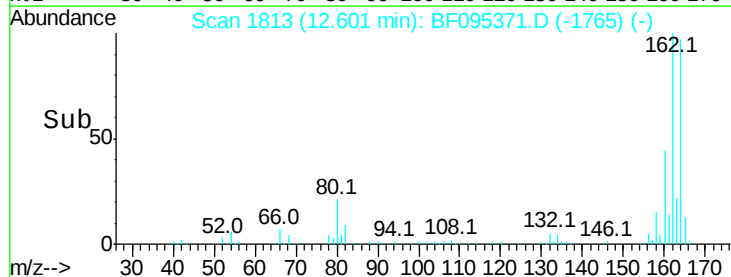
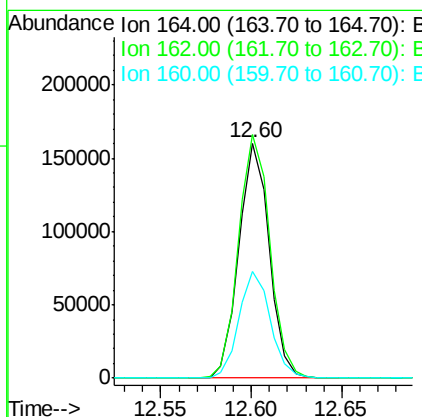
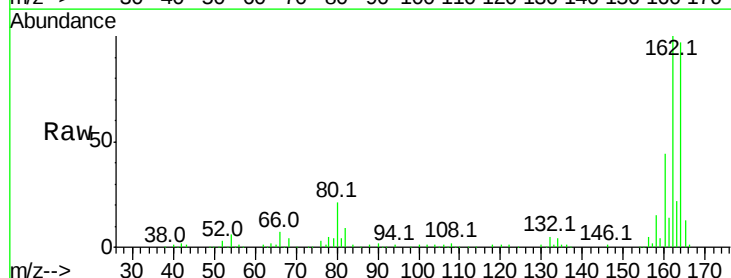
Instrument :
 BNA_F
 ClientSampled :

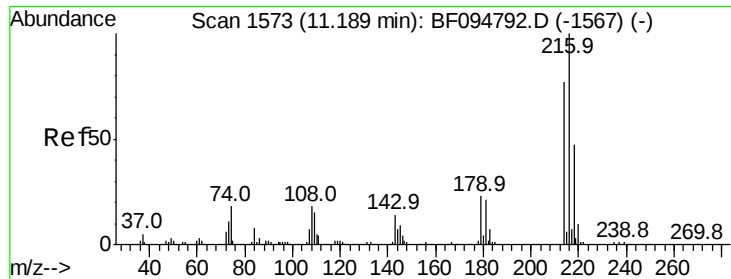
Tot Ion:142 Resp: 523829
 Ion Ratio Lower Upper
 142 100
 141 88.0 71.3 106.9
 115 29.9 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.60 min Scan# 1813
 Delta R.T. -0.02 min
 Lab File: BF095371.D
 Acq: 24 May 2017 4:18

Tgt Ion:164 Resp: 186034
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.6 123.8
 160 45.1 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.92 ng

RT: 11.21 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 205527

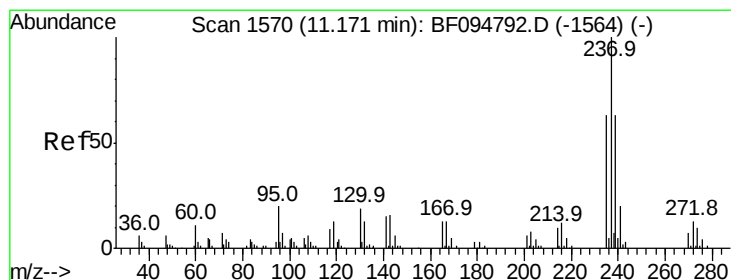
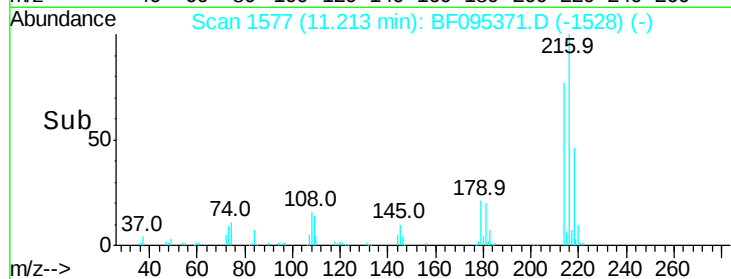
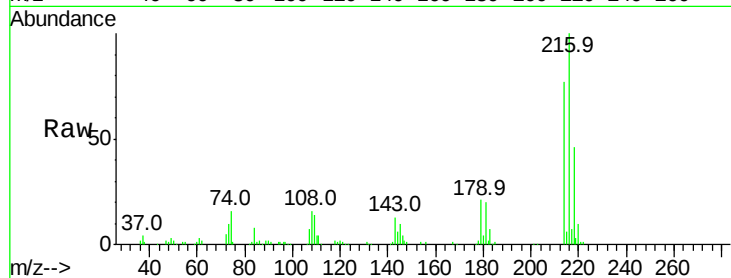
Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.4	95.2
179	21.4	17.9	26.9
108	18.4	16.5	24.7

Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 31.57 ng

RT: 11.18 min Scan# 1571

Delta R.T. -0.02 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

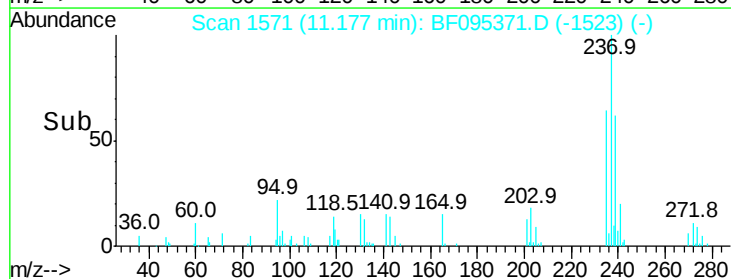
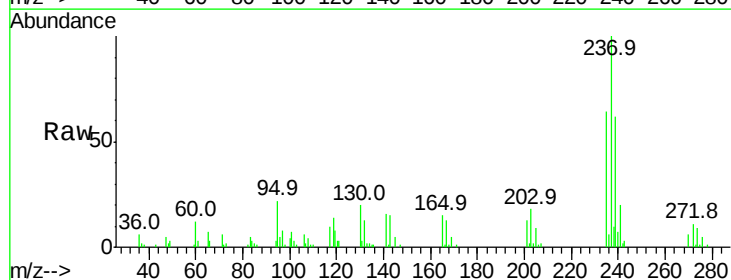
Tgt Ion:237 Resp: 66380

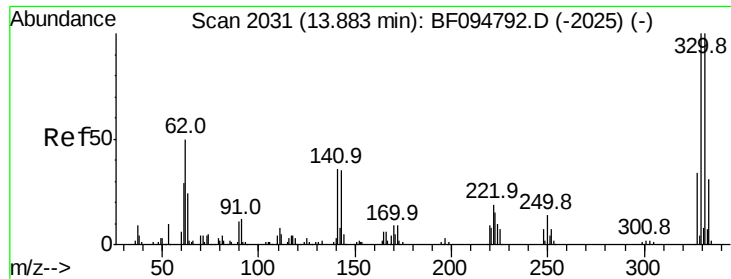
Ion	Ratio	Lower	Upper
237	100		
235	64.3	42.6	82.6
272	11.3	0.0	31.9

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

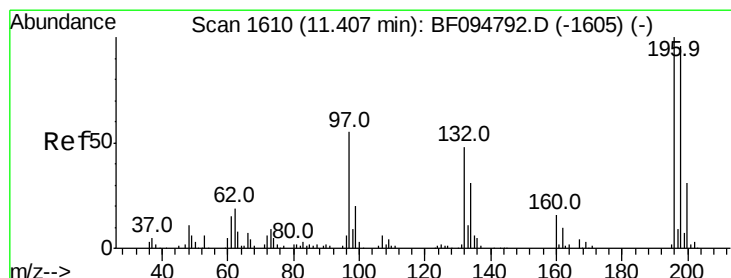
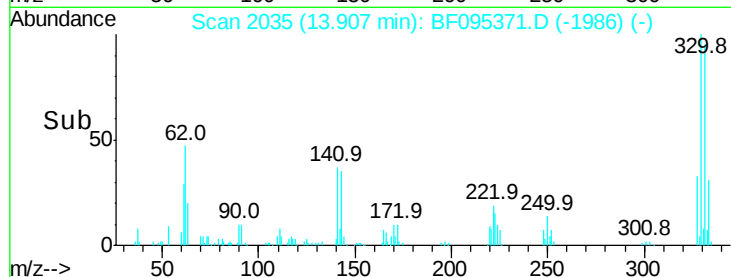
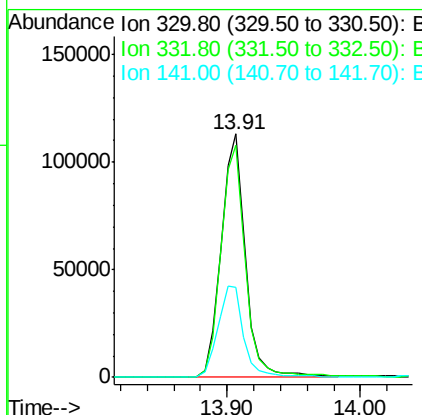
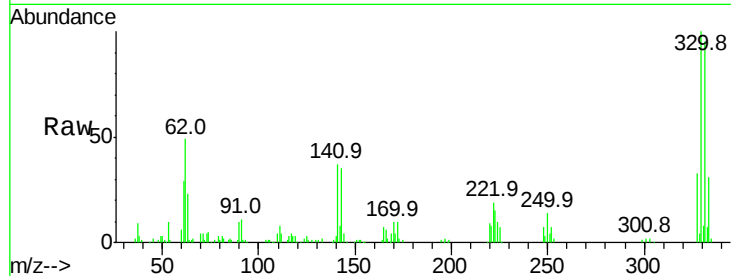




#41
 2,4,6-Tribromophenol
 Concen: 95.49 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF095371.D
 Acq: 24 May 2017 4:18

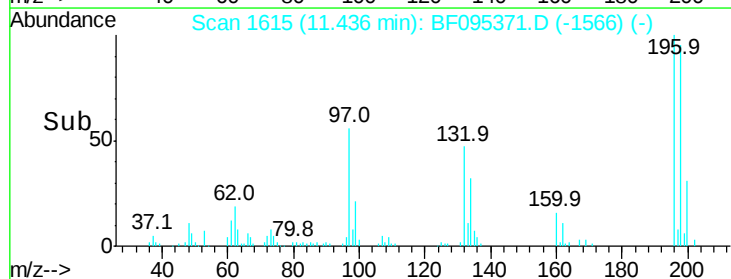
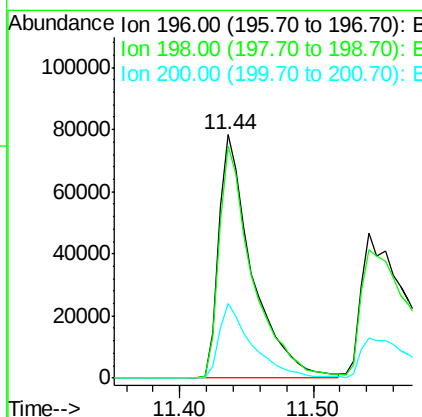
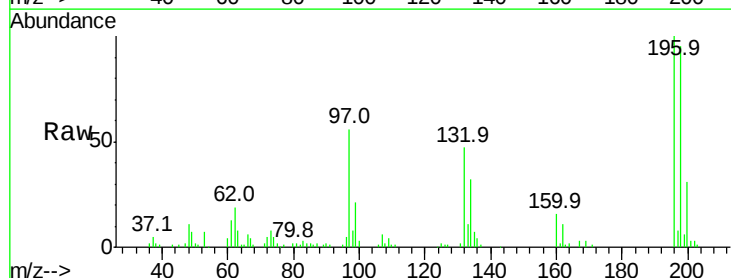
Instrument :
 BNA_F
 ClientSampled :

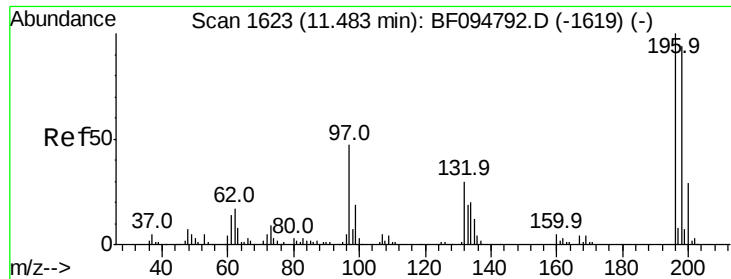
Tot Ion:330 Resp: 145478
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 40.5 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 35.93 ng
 RT: 11.44 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF095371.D
 Acq: 24 May 2017 4:18

Tgt Ion:196 Resp: 137238
 Ion Ratio Lower Upper
 196 100
 198 95.4 74.2 111.4
 200 30.8 24.0 36.0

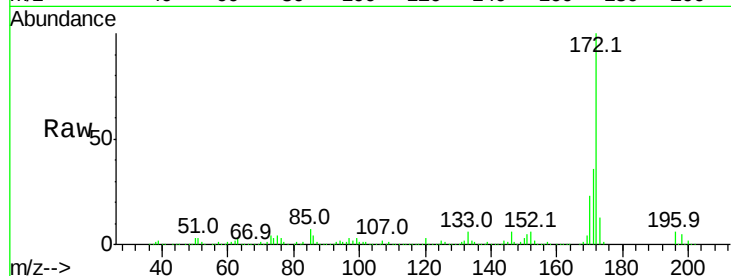




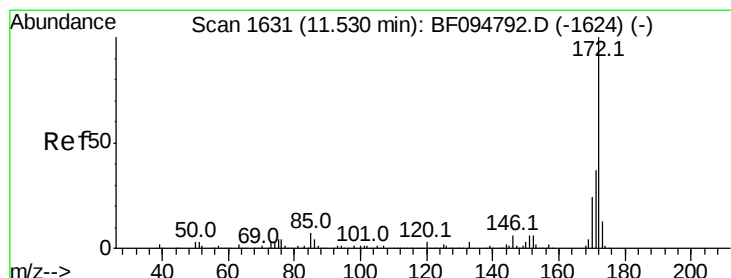
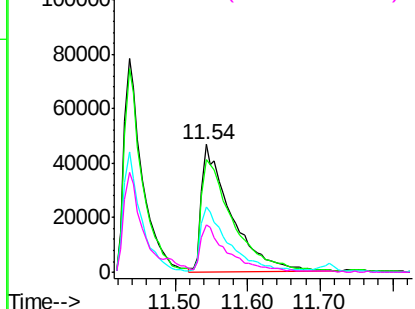
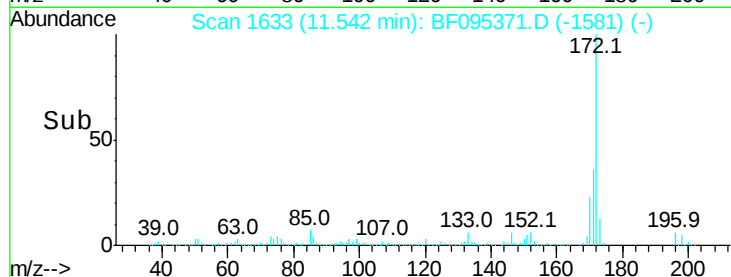
#43
 2,4,5-Trichlorophenol
 Concen: 31.77 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. 0.01 min
 Lab File: BF095371.D
 Acq: 24 May 2017 4:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 130434
 Ion Ratio Lower Upper
 196 100
 198 88.5 75.7 113.5
 97 51.1 47.7 71.5
 132 36.6 28.0 42.0

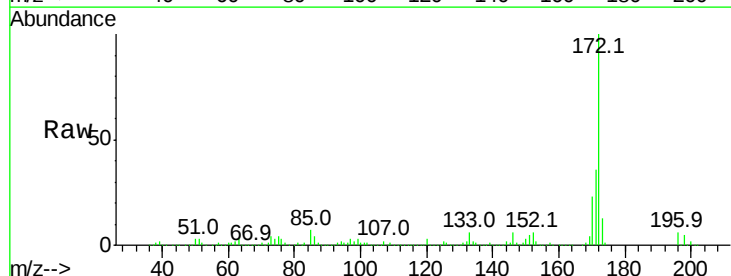


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

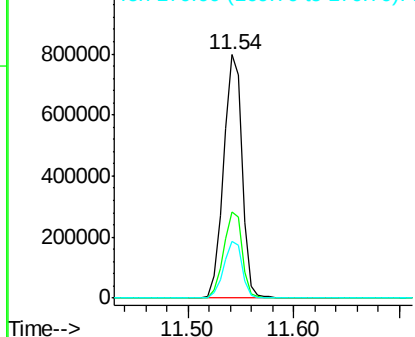
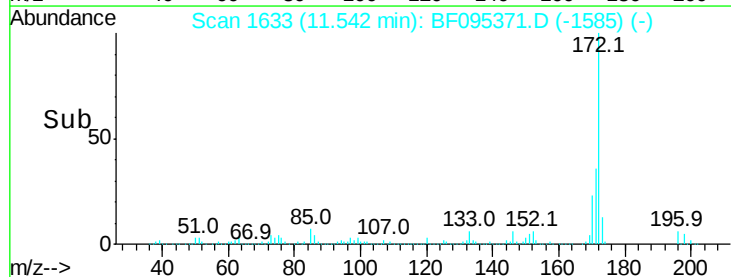


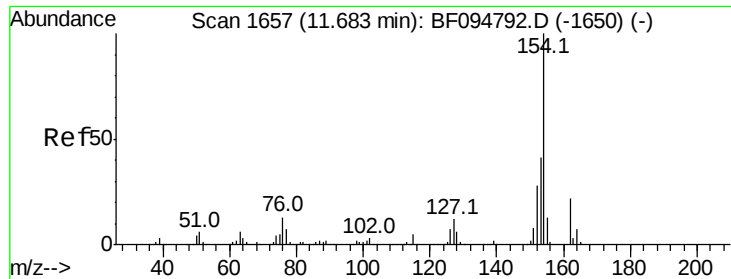
#44
 2-Fluorobiphenyl
 Concen: 75.05 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095371.D
 Acq: 24 May 2017 4:18

Tgt Ion:172 Resp: 969959
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 23.5 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

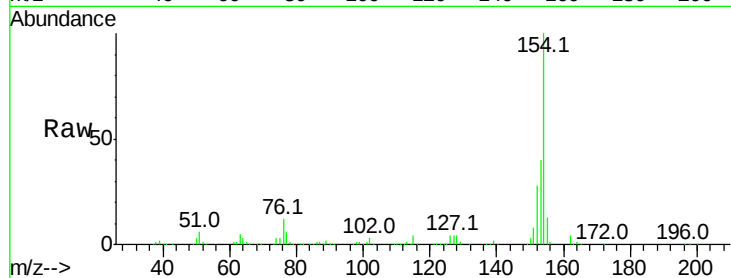




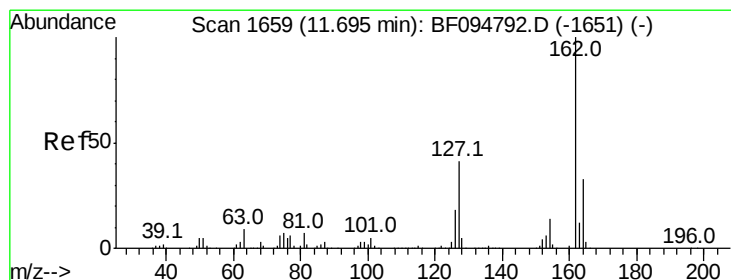
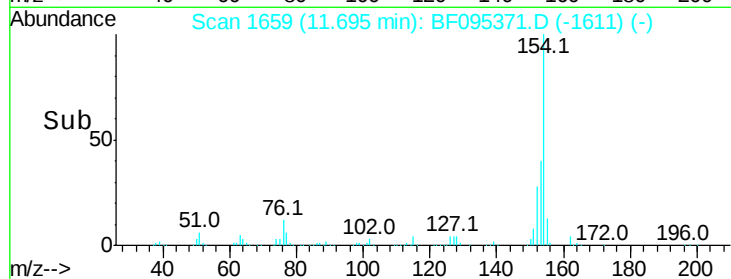
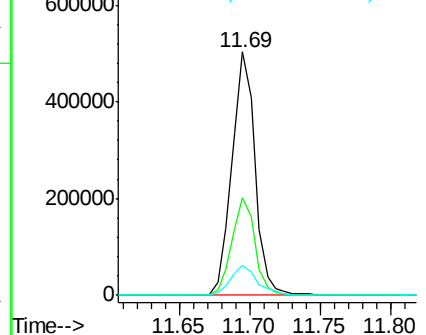
#45
 1,1'-Biphenyl
 Concen: 36.70 ng
 RT: 11.69 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BF095371.D
 Acq: 24 May 2017 4:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 574824
 Ion Ratio Lower Upper
 154 100
 153 40.0 21.2 61.2
 76 12.4 0.0 29.9

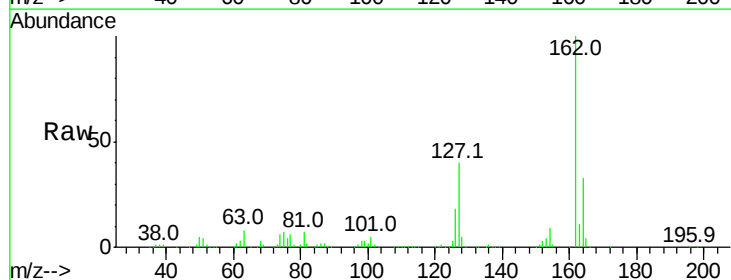


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

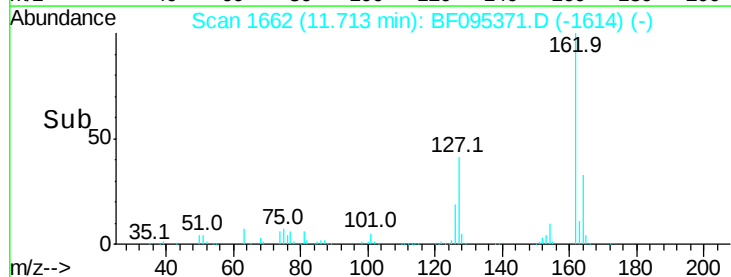
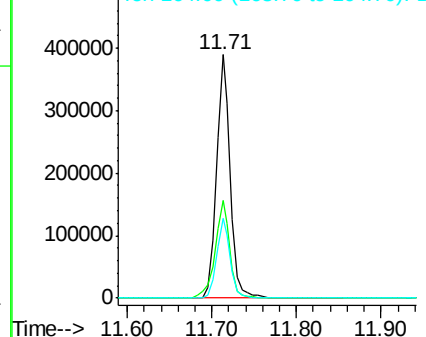


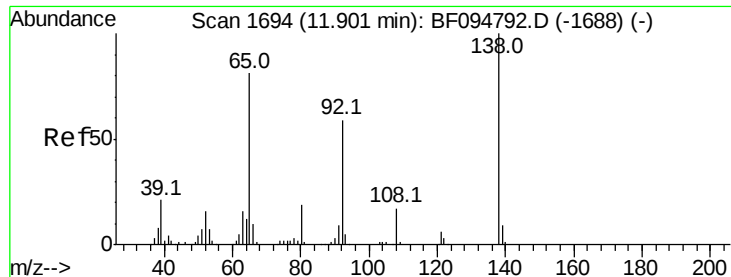
#46
 2-Chloronaphthalene
 Concen: 35.63 ng
 RT: 11.71 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BF095371.D
 Acq: 24 May 2017 4:18

Tgt Ion:162 Resp: 450638
 Ion Ratio Lower Upper
 162 100
 127 40.1 28.3 42.5
 164 32.6 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: 34.97 ng

RT: 11.94 min Scan# 1701

Delta R.T. -0.01 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

Instrument :

BNA_F

ClientSampleId :

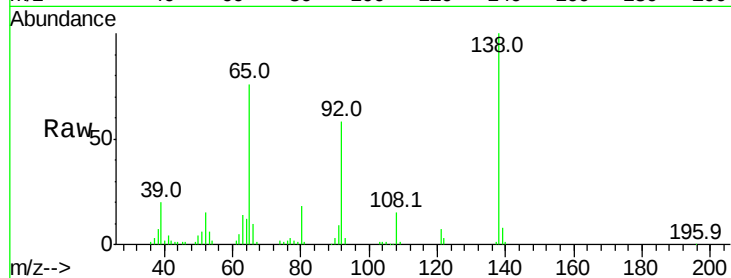
Tot Ion: 65 Resp: 121053

Ion Ratio Lower Upper

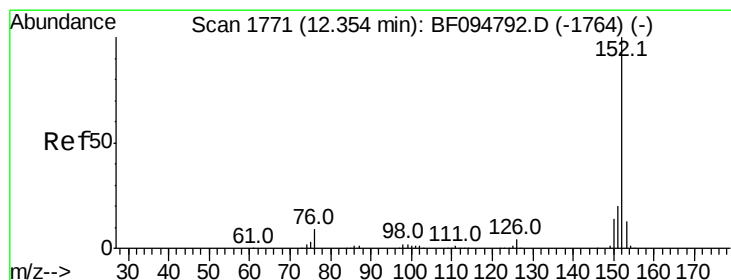
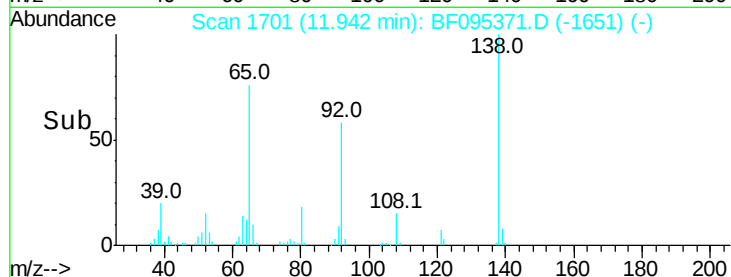
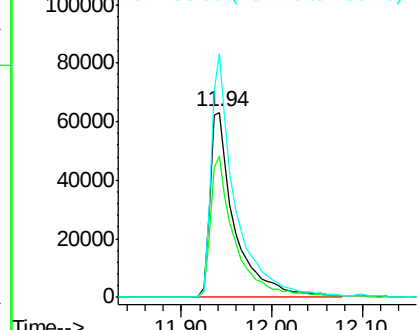
65 100

92 76.1 53.9 80.9

138 131.5 78.8 118.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 36.94 ng

RT: 12.37 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

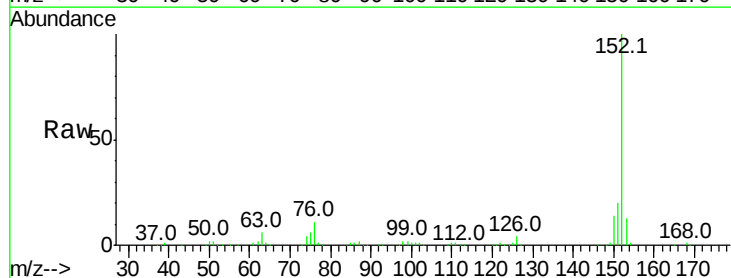
Tgt Ion: 152 Resp: 731706

Ion Ratio Lower Upper

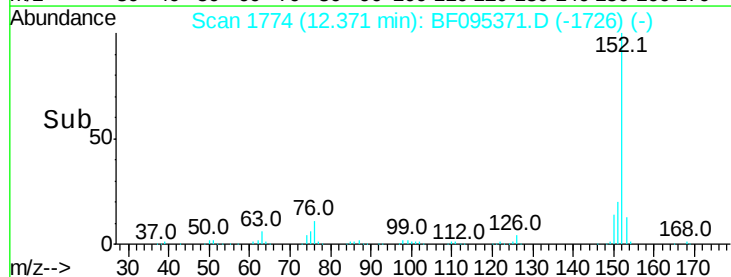
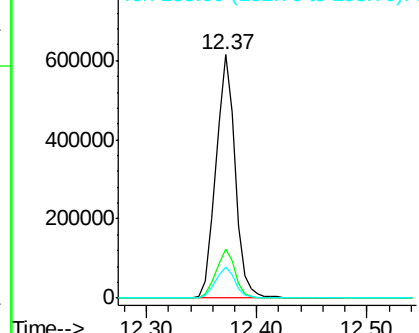
152 100

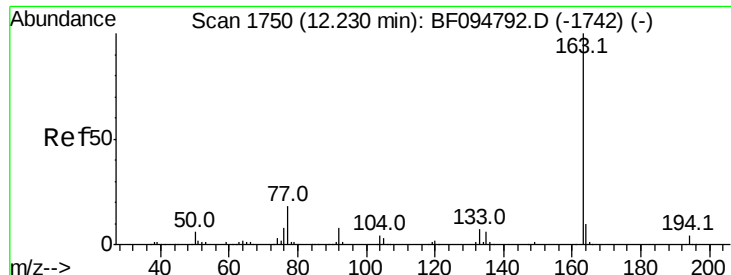
151 20.3 16.8 25.2

153 13.0 10.8 16.2



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





#49

Dimethylphthalate

Concen: 42.87 ng

RT: 12.25 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

Instrument :

BNA_F

ClientSampleId :

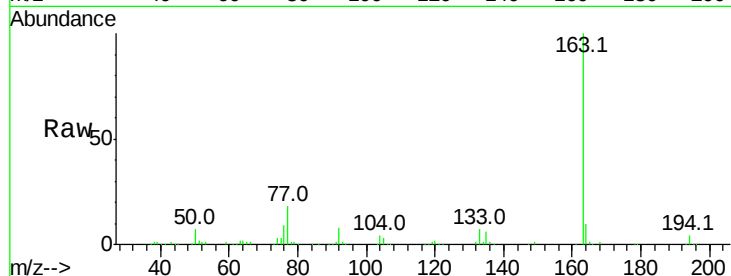
Tot Ion:163 Resp: 654660

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

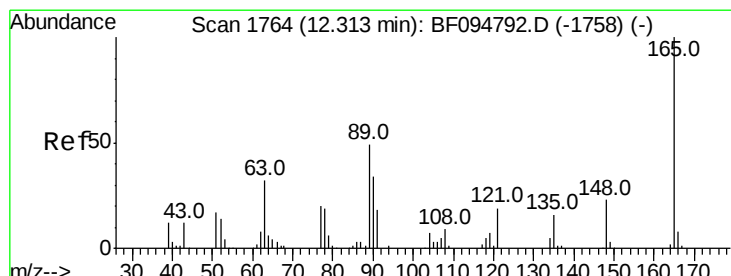
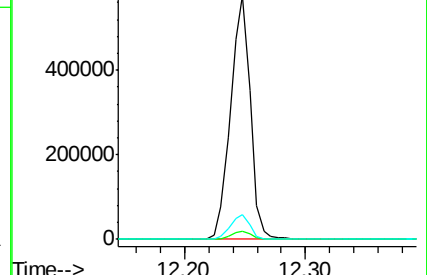
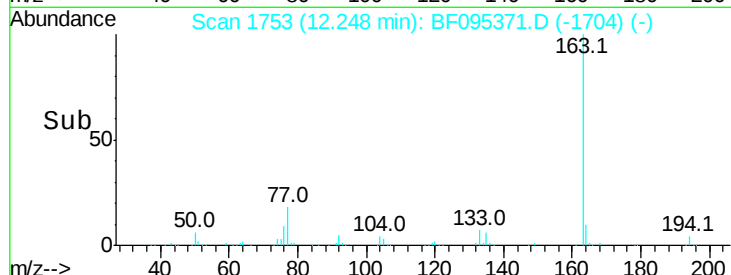
164 10.0 8.4 12.6



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: 38.69 ng

RT: 12.34 min Scan# 1769

Delta R.T. -0.02 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

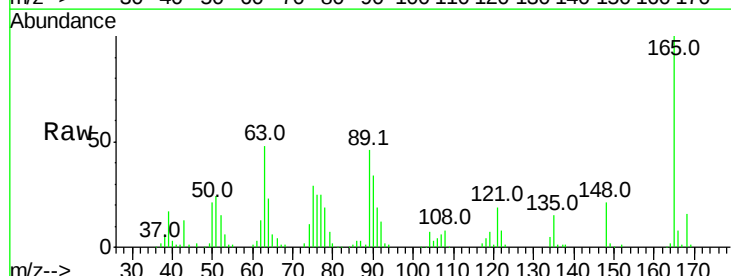
Tgt Ion:165 Resp: 120546

Ion Ratio Lower Upper

165 100

63 48.4 34.3 51.5

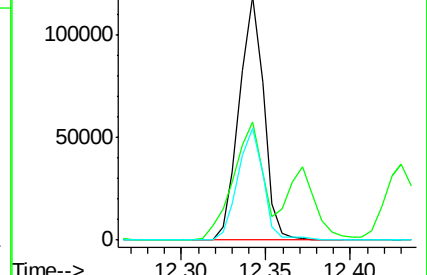
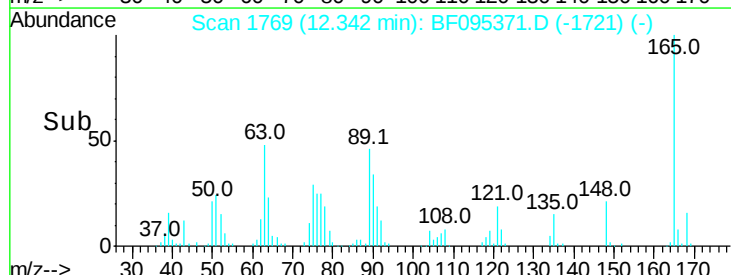
89 46.2 37.1 55.7

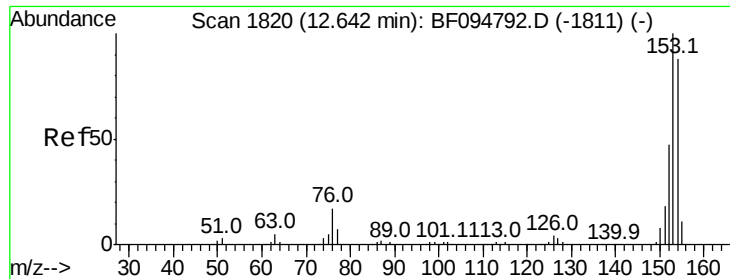


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.47 ng

RT: 12.65 min Scan# 1822

Delta R.T. -0.02 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

Instrument :

BNA_F

ClientSampleId :

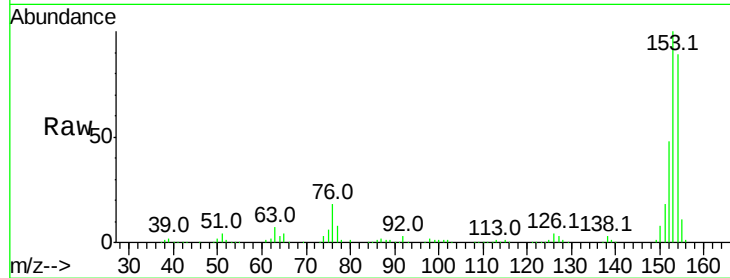
Tot Ion:154 Resp: 431523

Ion Ratio Lower Upper

154 100

153 112.8 90.5 135.7

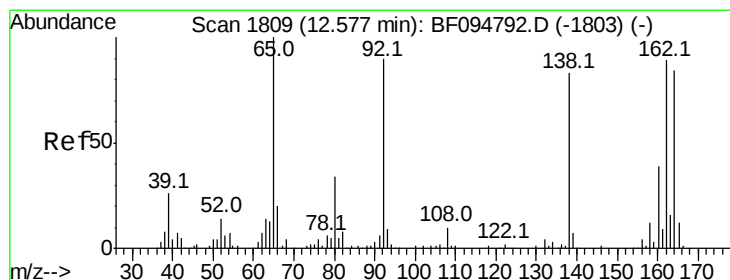
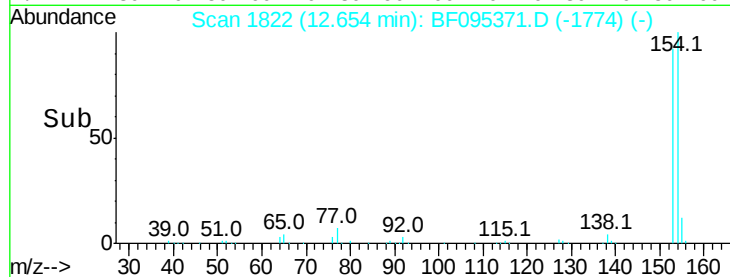
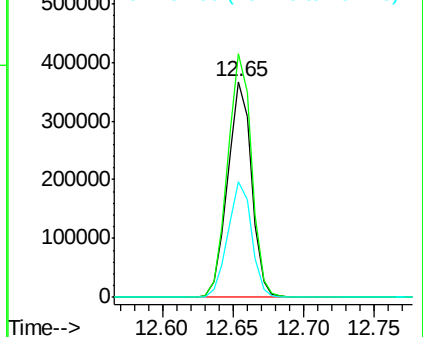
152 53.8 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.29 ng

RT: 12.63 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

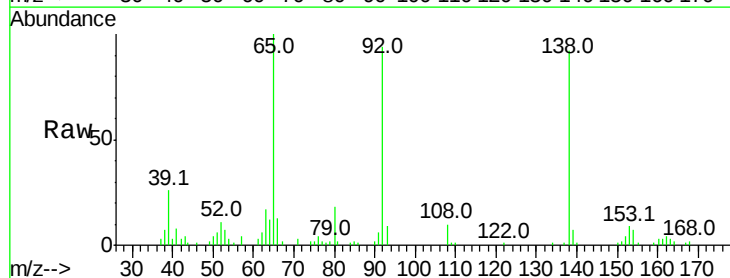
Tgt Ion:138 Resp: 77899

Ion Ratio Lower Upper

138 100

108 10.7 9.1 13.7

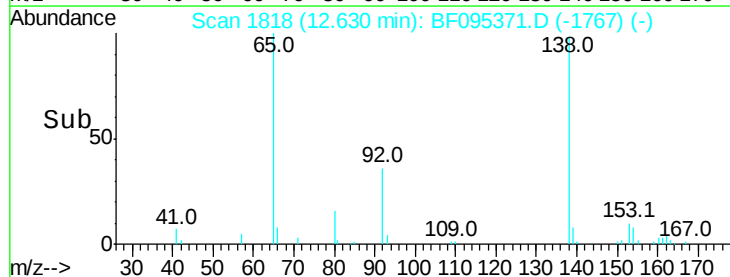
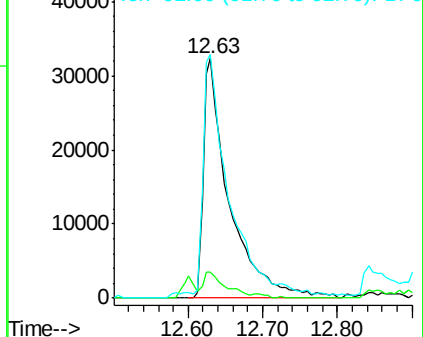
92 101.6 93.8 140.6

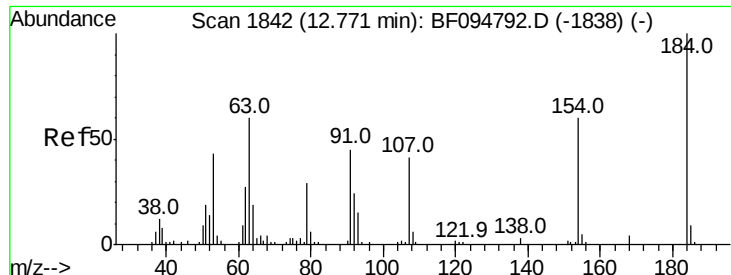


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

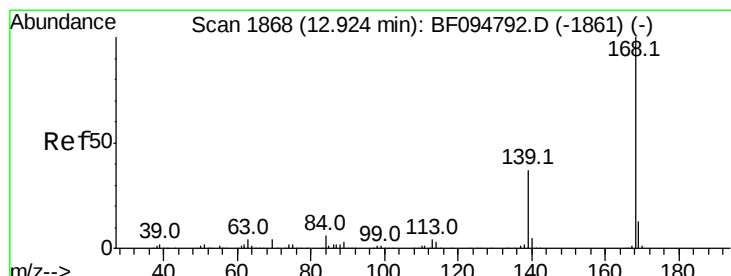
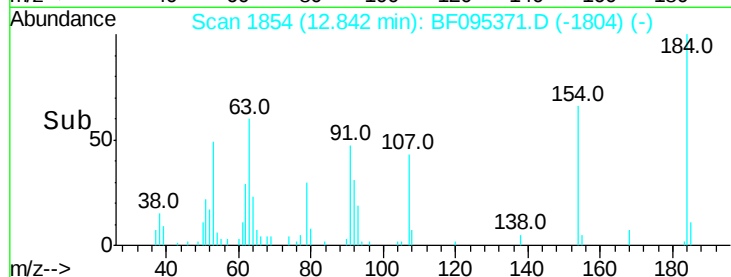
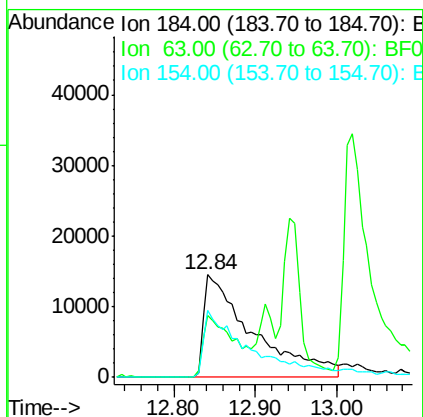
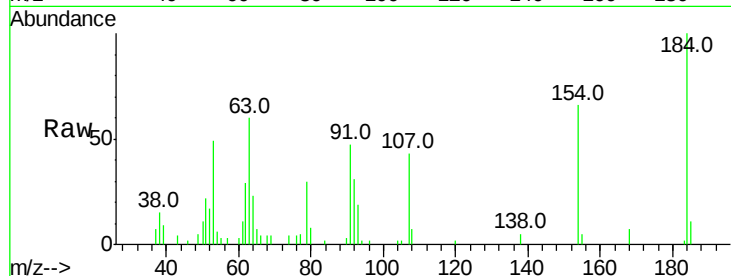




#53
 2,4-Dinitrophenol
 Concen: 38.94 ng
 RT: 12.84 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF095371.D
 Acq: 24 May 2017 4:18

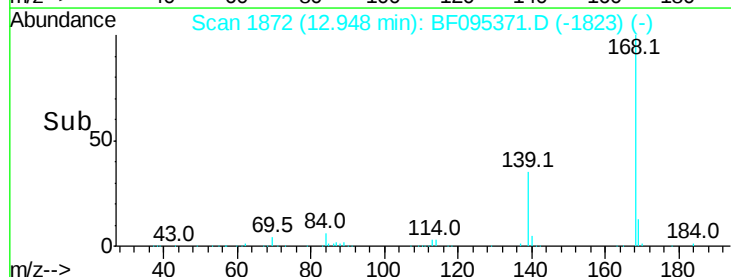
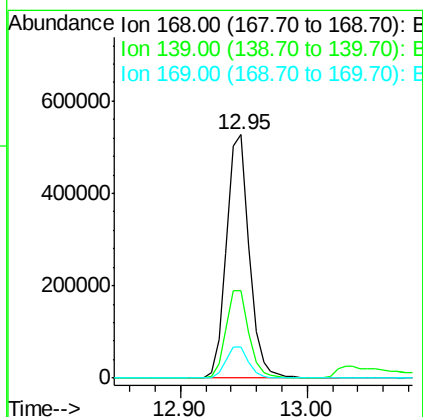
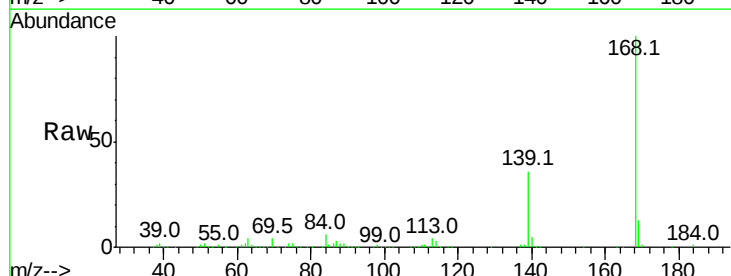
Instrument :
 BNA_F
 ClientSampleId :

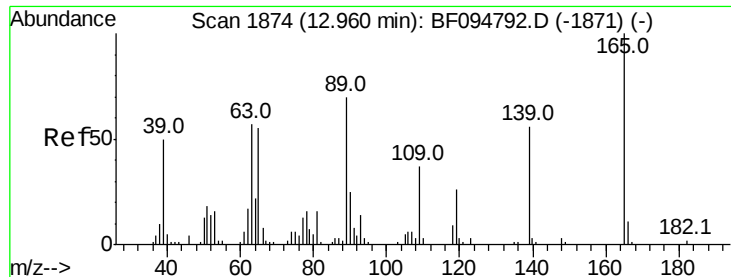
Tot Ion:184 Resp: 60855
 Ion Ratio Lower Upper
 184 100
 63 60.2 62.7 94.1#
 154 65.6 81.1 121.7#



#54
 Dibenzofuran
 Concen: 39.93 ng
 RT: 12.95 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BF095371.D
 Acq: 24 May 2017 4:18

Tgt Ion:168 Resp: 653862
 Ion Ratio Lower Upper
 168 100
 139 35.9 30.6 45.8
 169 12.9 10.8 16.2

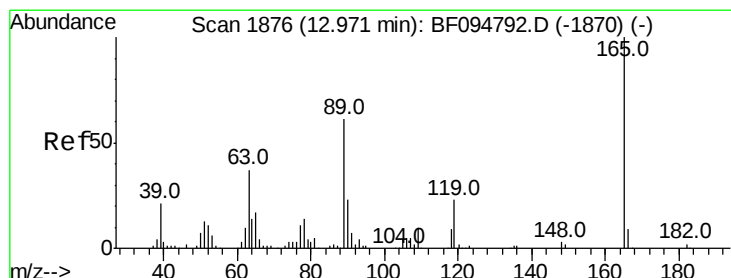
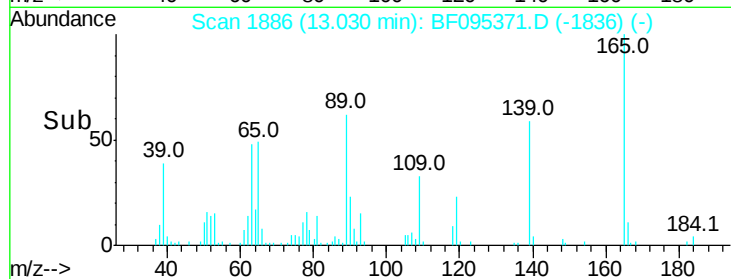
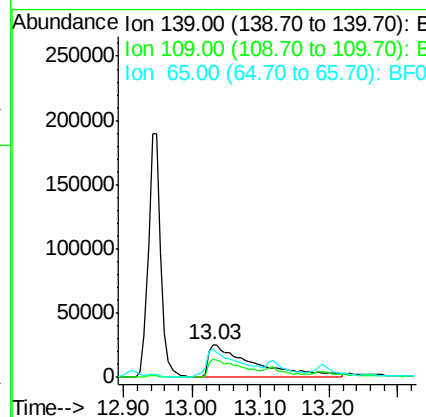
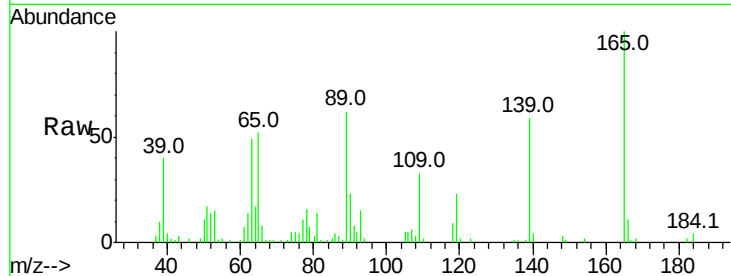




#55
4-Nitrophenol
Concen: 55.37 ng
RT: 13.03 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BF095371.D
Acq: 24 May 2017 4:18

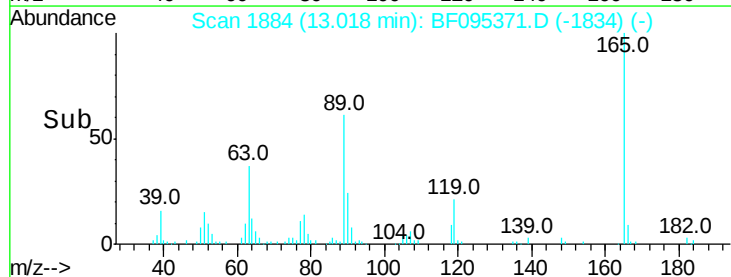
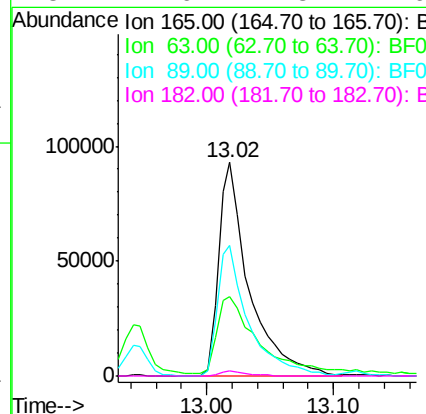
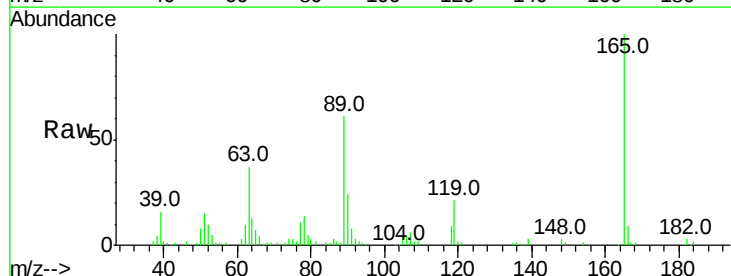
Instrument :
BNA_F
ClientSampleId :

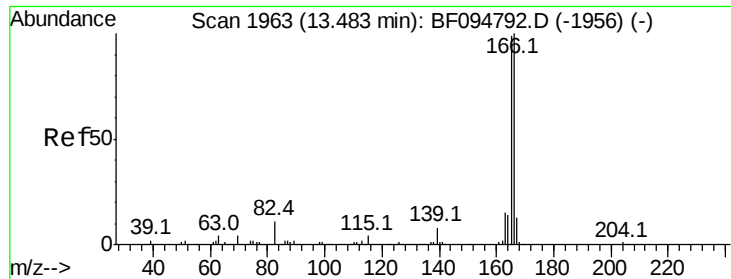
Tot Ion:139 Resp: 111209
Ion Ratio Lower Upper
139 100
109 56.0 34.1 74.1
65 88.5 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 38.80 ng
RT: 13.02 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BF095371.D
Acq: 24 May 2017 4:18

Tgt Ion:165 Resp: 155332
Ion Ratio Lower Upper
165 100
63 37.1 25.4 38.0
89 61.0 46.4 69.6
182 2.6 1.8 2.6

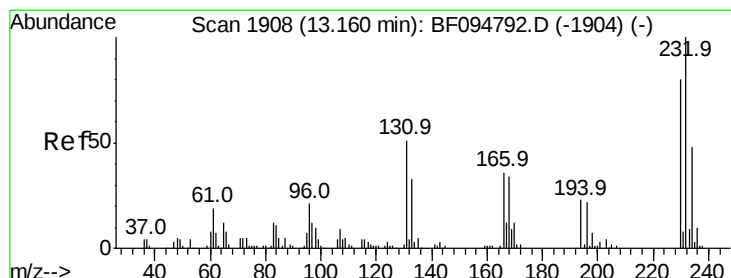
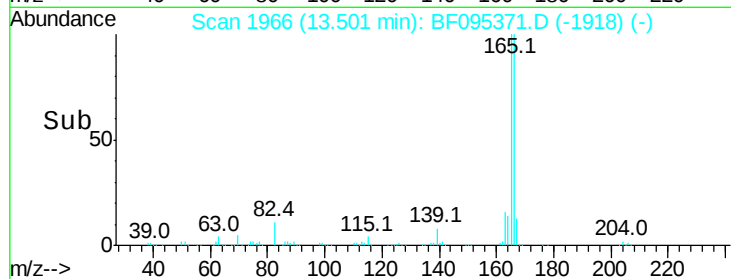
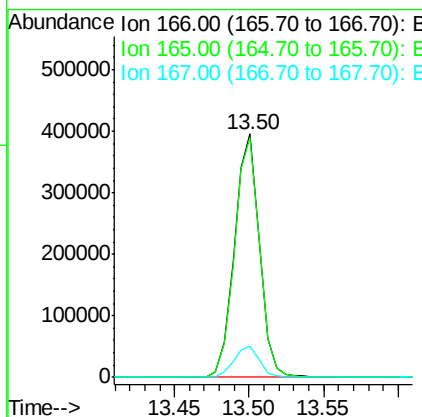
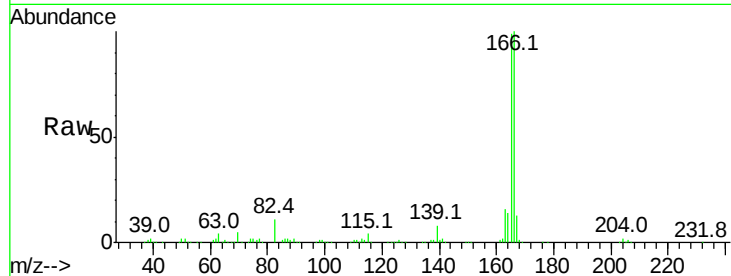




#57
 Fluorene
 Concen: 32.42 ng
 RT: 13.50 min Scan# 1966
 Delta R.T. -0.02 min
 Lab File: BF095371.D
 Acq: 24 May 2017 4:18

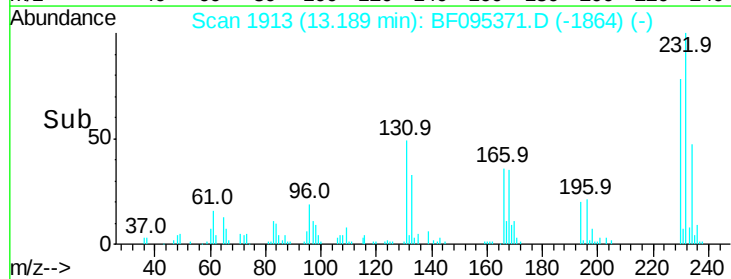
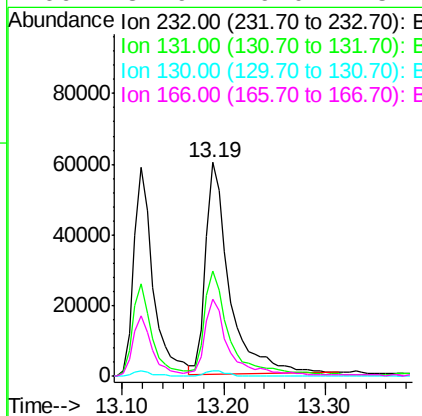
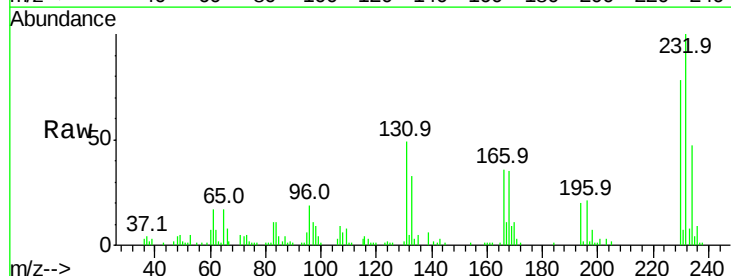
Instrument :
 BNA_F
 ClientSampled :

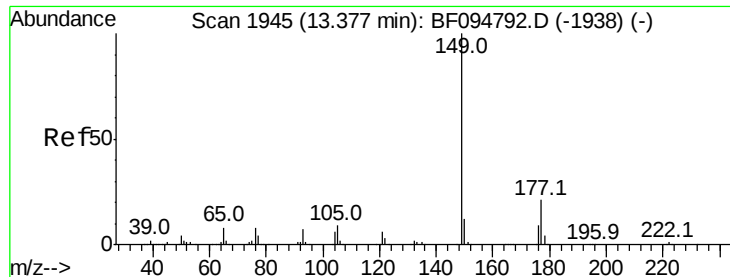
Tot Ion:166 Resp: 461580
 Ion Ratio Lower Upper
 166 100
 165 98.6 78.8 118.2
 167 12.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.31 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF095371.D
 Acq: 24 May 2017 4:18

Tgt Ion:232 Resp: 98991
 Ion Ratio Lower Upper
 232 100
 131 49.7 44.8 67.2
 130 2.0 2.3 3.5#
 166 34.9 29.0 43.4

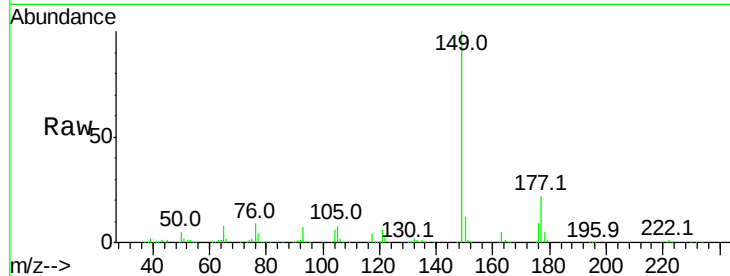




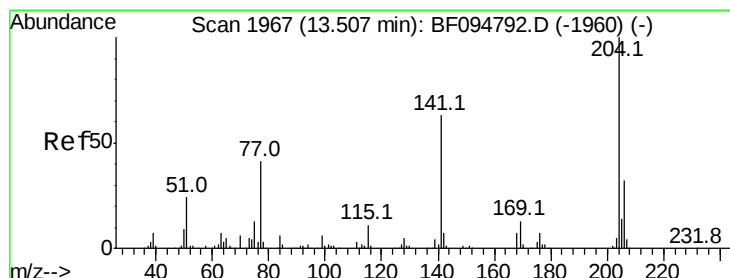
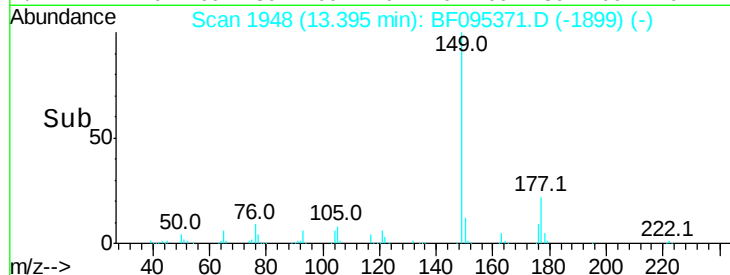
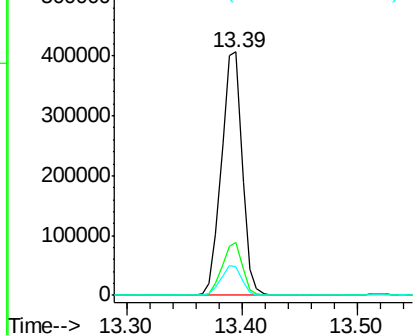
#59
Diethylphthalate
Concen: 34.70 ng
RT: 13.39 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BF095371.D
Acq: 24 May 2017 4:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 507896
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 11.9 10.2 15.2

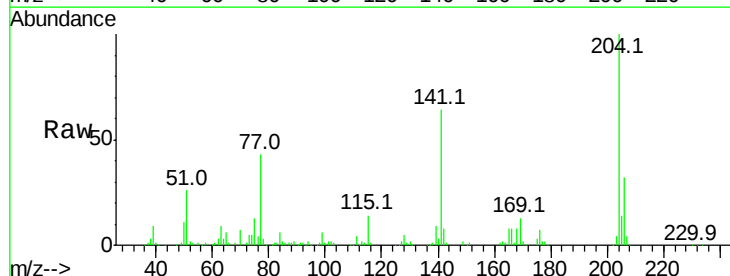


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

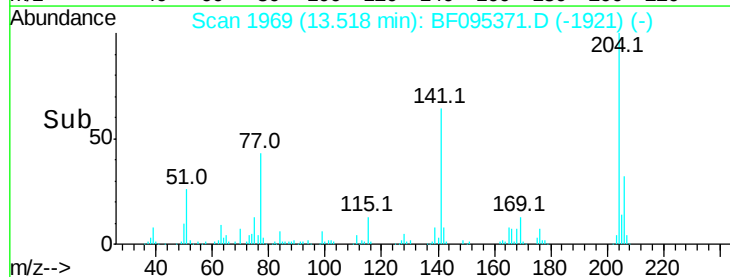
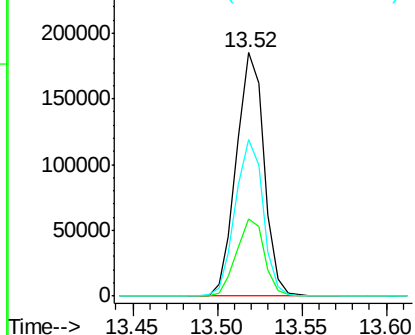


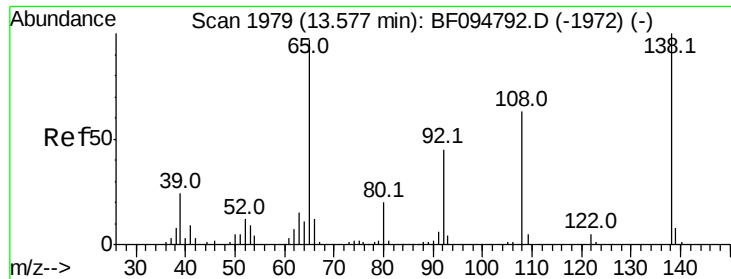
#60
4-Chlorophenyl-phenylether
Concen: 33.97 ng
RT: 13.52 min Scan# 1969
Delta R.T. -0.02 min
Lab File: BF095371.D
Acq: 24 May 2017 4:18

Tgt Ion:204 Resp: 212523
Ion Ratio Lower Upper
204 100
206 31.8 26.2 39.2
141 64.1 60.8 91.2



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

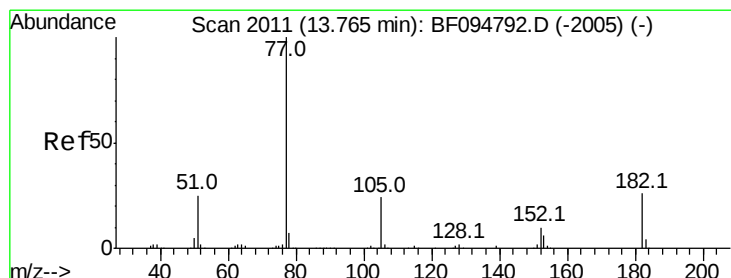
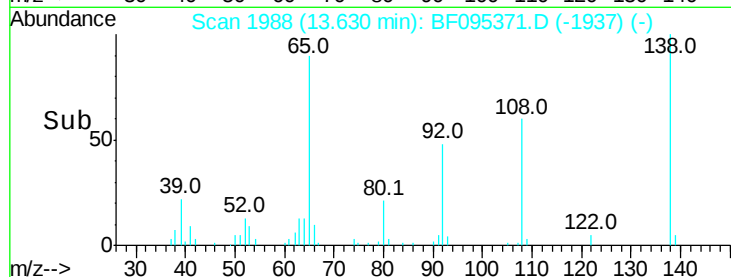
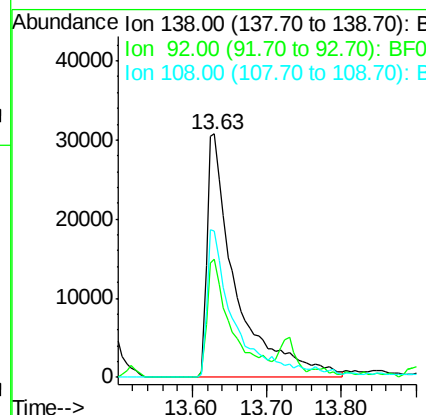
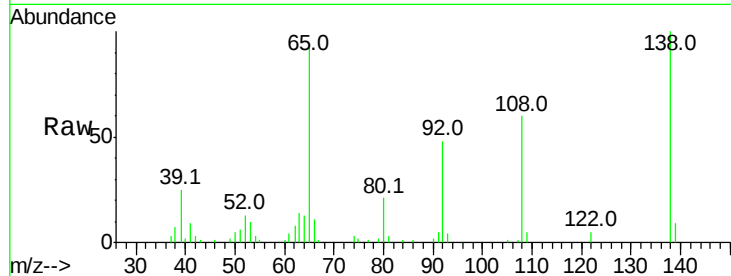




#61
4-Nitroaniline
Concen: 27.06 ng
RT: 13.63 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BF095371.D
Acq: 24 May 2017 4:18

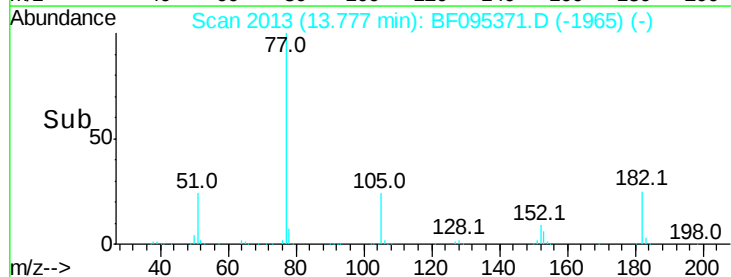
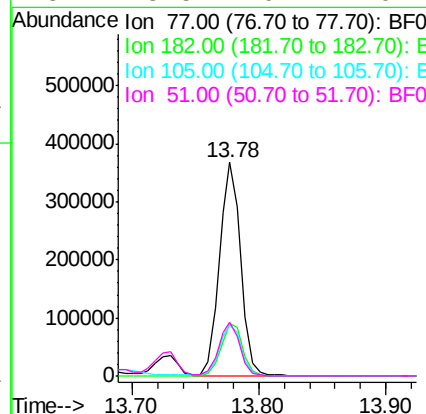
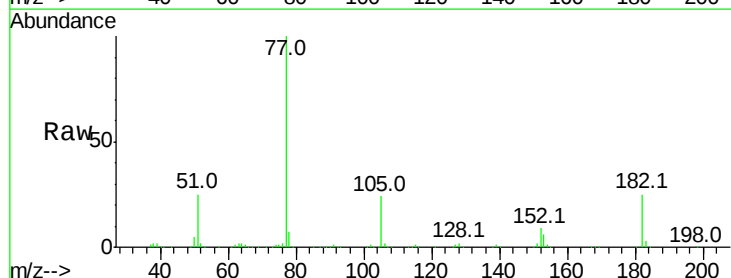
Instrument :
BNA_F
ClientSampleId :

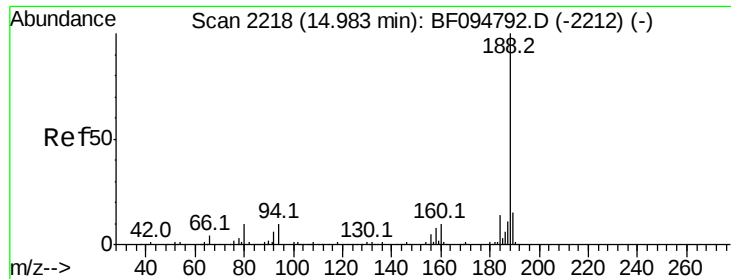
Tot Ion:138 Resp: 83082
Ion Ratio Lower Upper
138 100
92 48.4 21.8 61.8
108 60.0 42.3 82.3



#62
Azobenzene
Concen: 36.71 ng
RT: 13.78 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF095371.D
Acq: 24 May 2017 4:18

Tgt Ion: 77 Resp: 431782
Ion Ratio Lower Upper
77 100
182 24.8 0.1 40.1
105 24.3 3.6 43.6
51 25.5 9.4 49.4

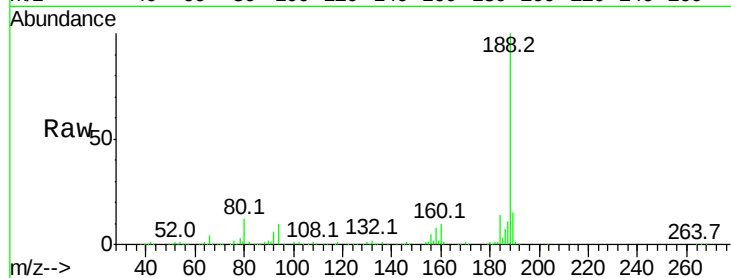




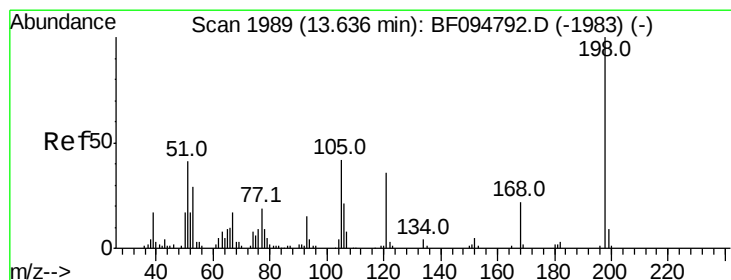
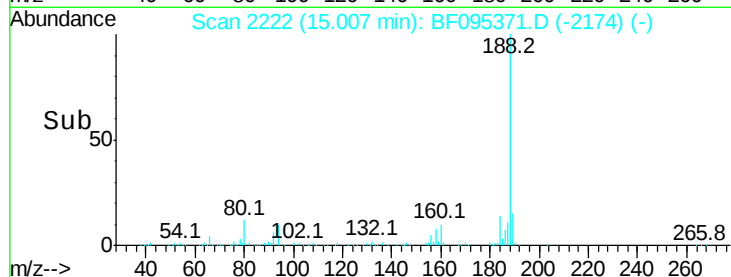
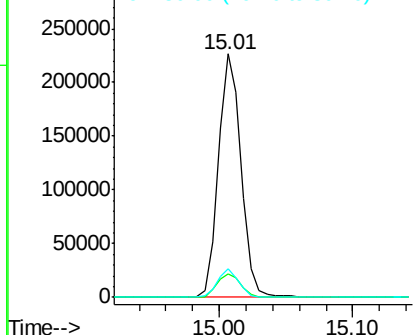
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF095371.D
Acq: 24 May 2017 4:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 271130
Ion Ratio Lower Upper
188 100
94 9.8 9.4 14.2
80 11.9 10.2 15.2

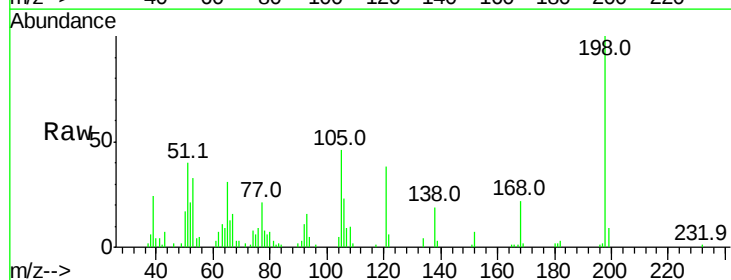


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

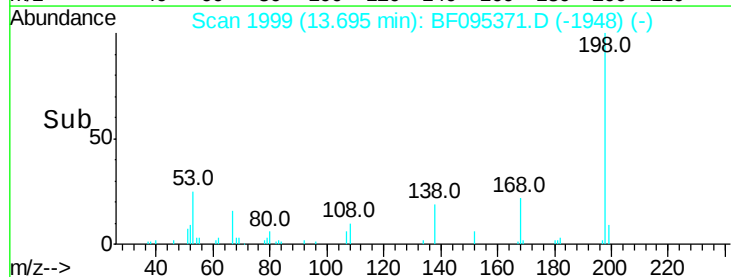
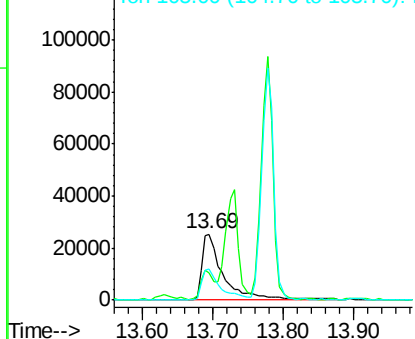


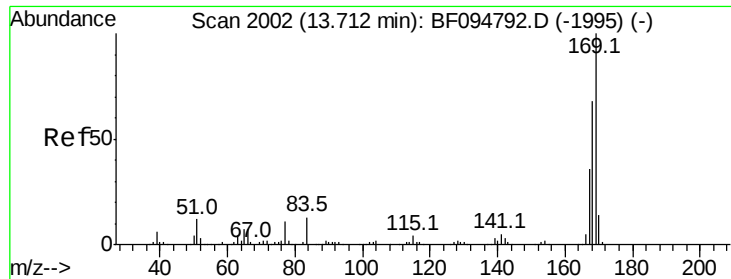
#64
4,6-Dinitro-2-methylphenol
Concen: 29.83 ng
RT: 13.69 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF095371.D
Acq: 24 May 2017 4:18

Tgt Ion:198 Resp: 54215
Ion Ratio Lower Upper
198 100
51 40.5 53.2 93.2#
105 46.3 45.8 85.8



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





#65

n-Nitrosodiphenylamine

Concen: 42.10 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

Instrument :

BNA_F

ClientSampleId :

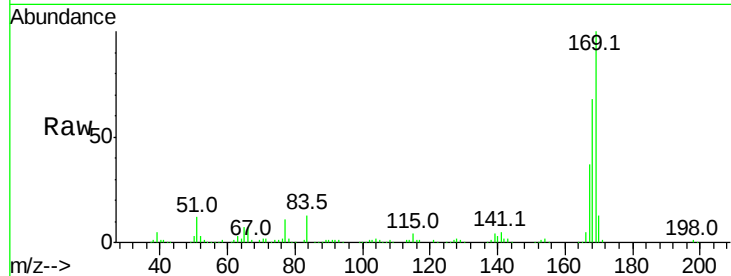
Tot Ion:169 Resp: 414248

Ion Ratio Lower Upper

169 100

168 68.0 53.2 79.8

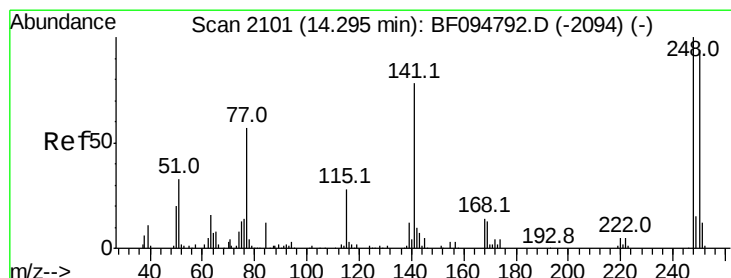
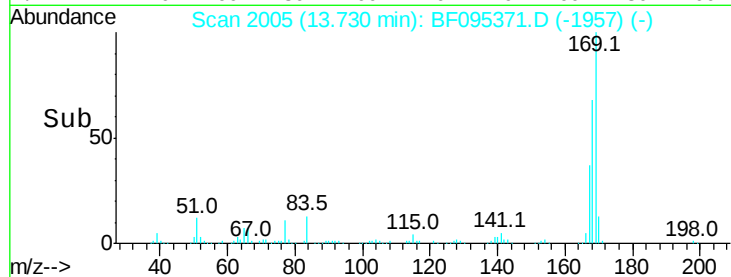
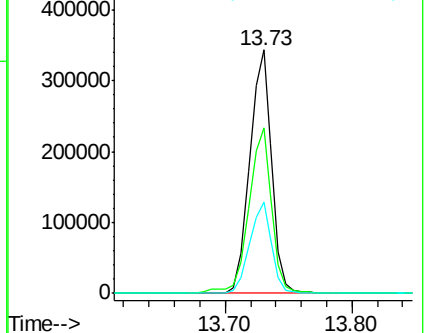
167 37.2 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.97 ng

RT: 14.31 min Scan# 2103

Delta R.T. -0.02 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

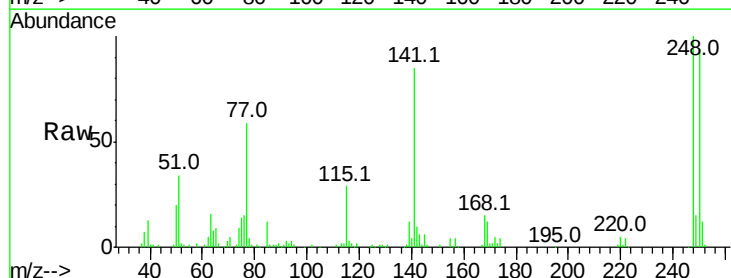
Tgt Ion:248 Resp: 108775

Ion Ratio Lower Upper

248 100

250 94.3 76.8 115.2

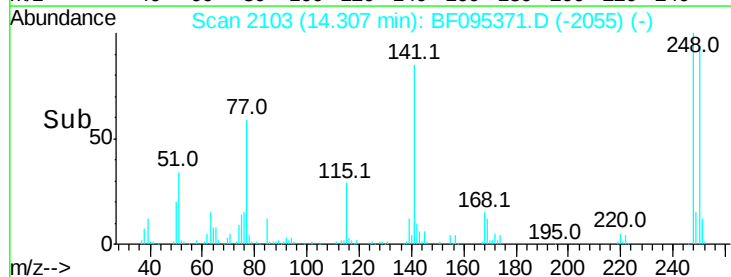
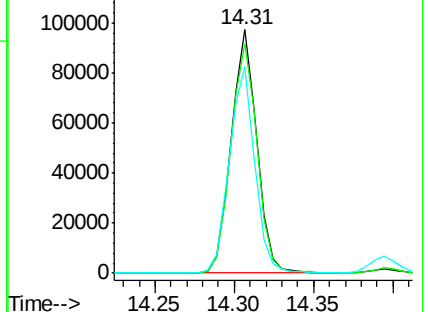
141 85.0 68.6 103.0

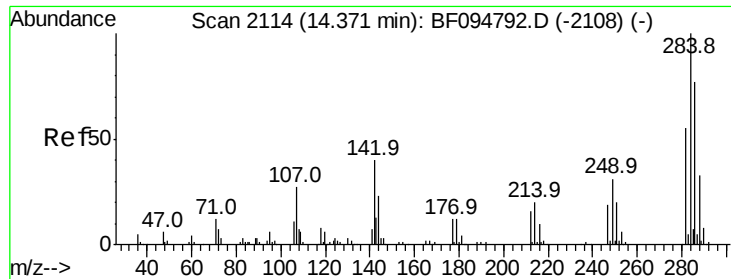


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

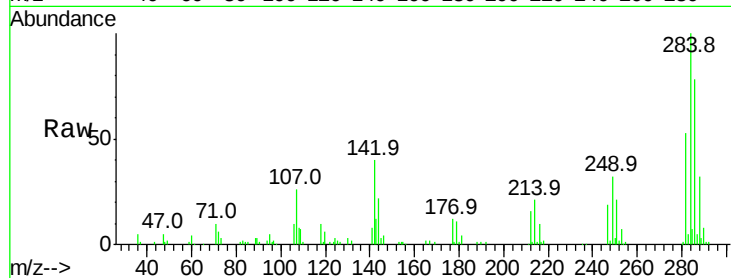




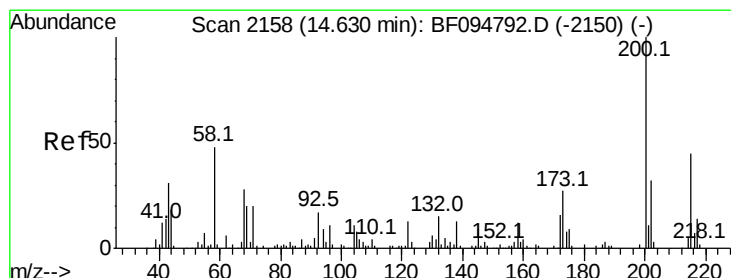
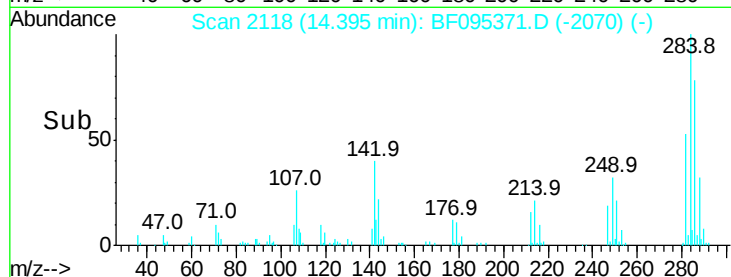
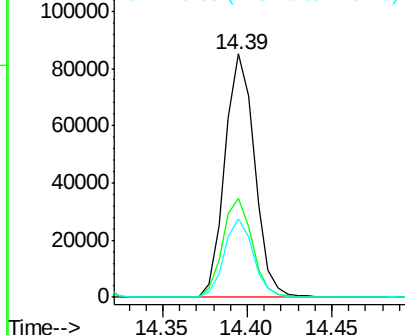
#67
Hexachlorobenzene
Concen: 35.48 ng
RT: 14.39 min Scan# 2118
Delta R.T. -0.02 min
Lab File: BF095371.D
Acq: 24 May 2017 4:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 104164
Ion Ratio Lower Upper
284 100
142 40.5 22.8 34.2#
249 32.1 24.0 36.0

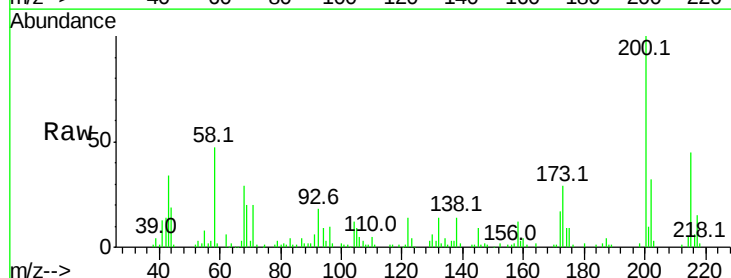


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

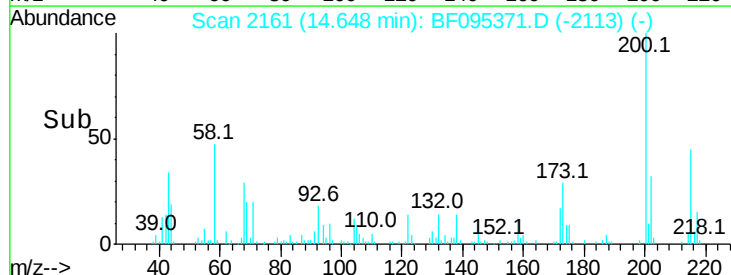
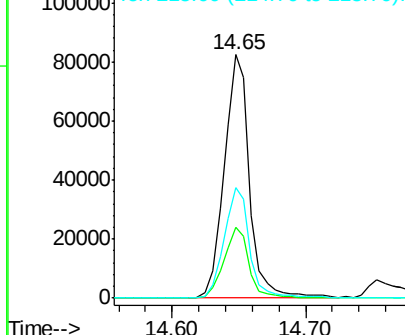


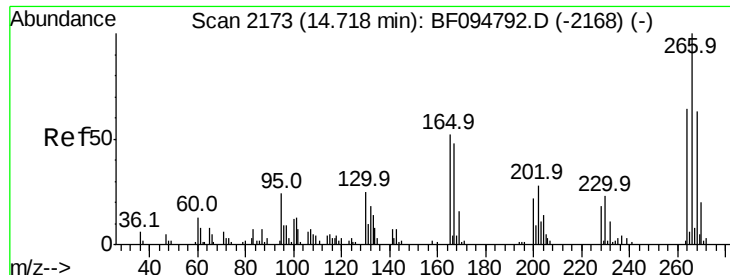
#68
Atrazine
Concen: 39.44 ng
RT: 14.65 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BF095371.D
Acq: 24 May 2017 4:18

Tgt Ion:200 Resp: 109591
Ion Ratio Lower Upper
200 100
173 29.3 6.3 46.3
215 45.4 27.2 67.2



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

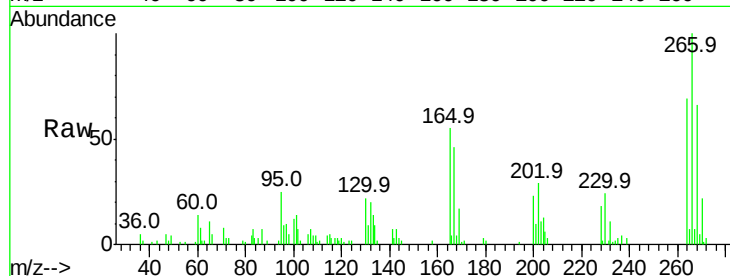




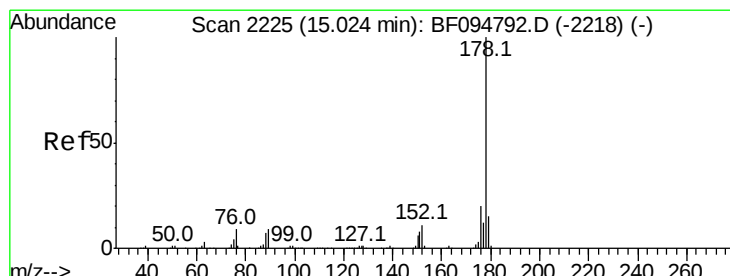
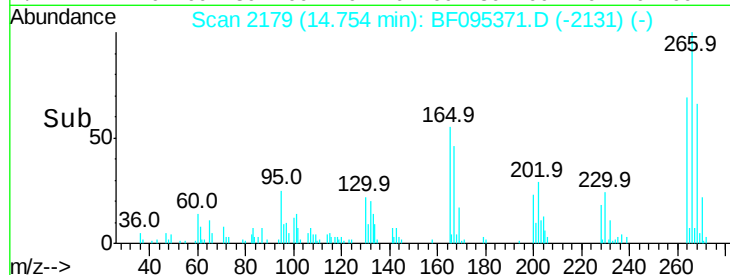
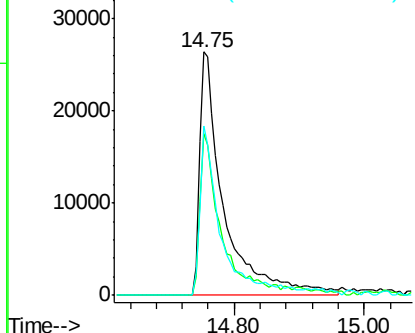
#69
 Pentachlorophenol
 Concen: 53.26 ng
 RT: 14.75 min Scan# 2179
 Delta R.T. -0.02 min
 Lab File: BF095371.D
 Acq: 24 May 2017 4:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.3	51.1	76.7
264	69.4	51.7	77.5

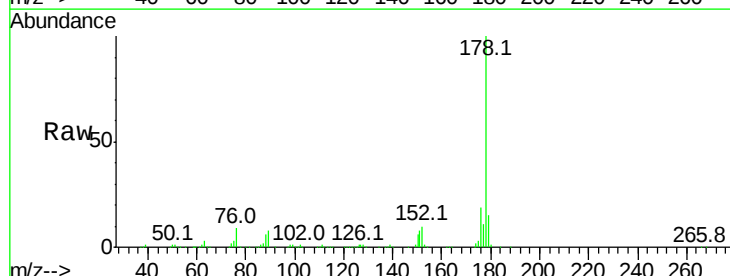


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

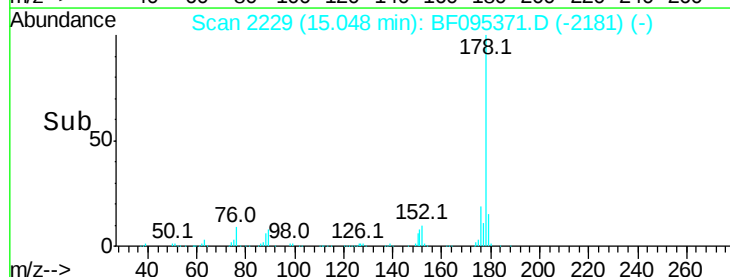
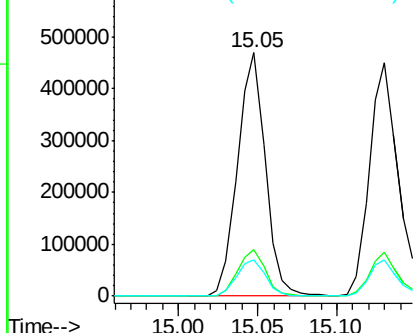


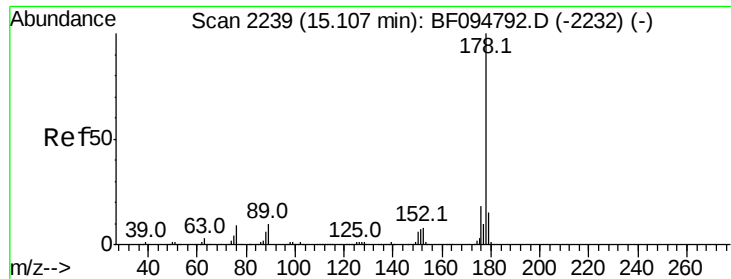
#70
 Phenanthrene
 Concen: 36.59 ng
 RT: 15.05 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BF095371.D
 Acq: 24 May 2017 4:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	15.1	12.6	19.0



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

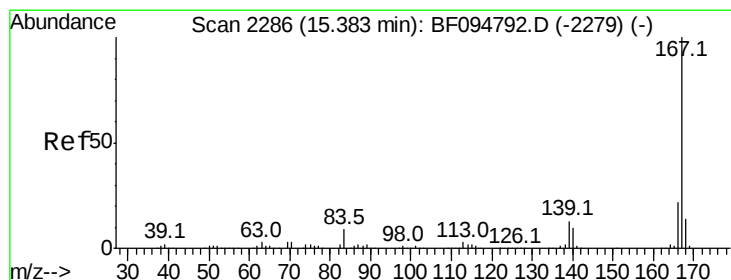
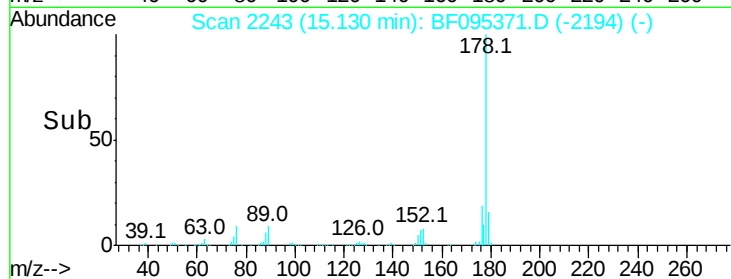
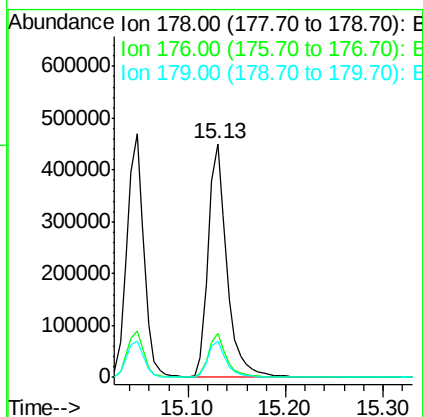
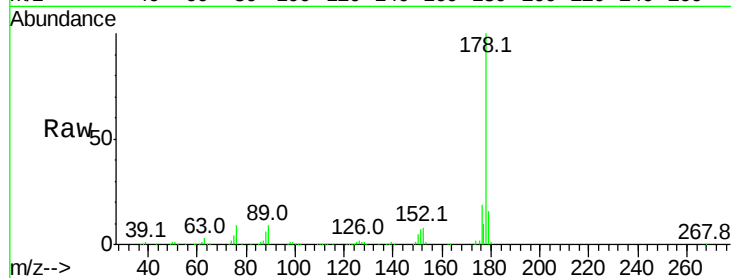




#71
 Anthracene
 Concen: 37.79 ng
 RT: 15.13 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF095371.D
 Acq: 24 May 2017 4:18

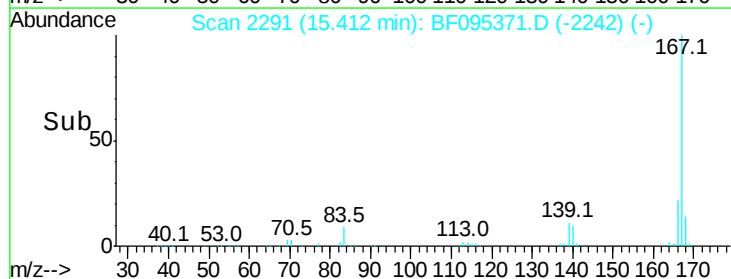
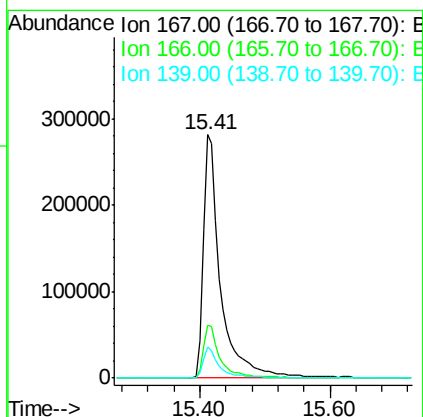
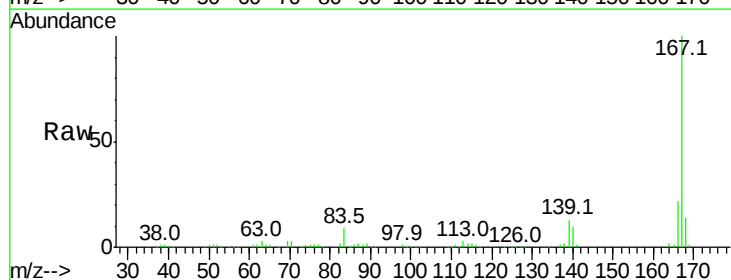
Instrument :
 BNA_F
 ClientSampleId :

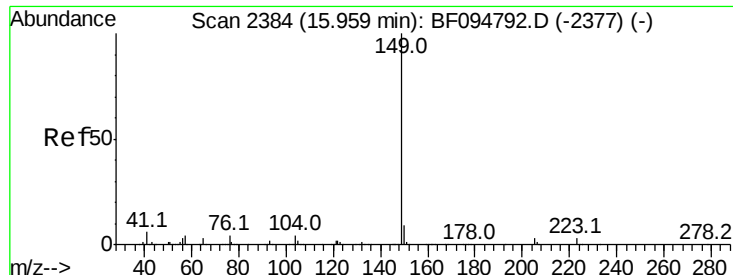
Tot Ion:178 Resp: 601327
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 35.65 ng
 RT: 15.41 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF095371.D
 Acq: 24 May 2017 4:18

Tgt Ion:167 Resp: 516214
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.1 27.1
 139 12.7 11.7 17.5

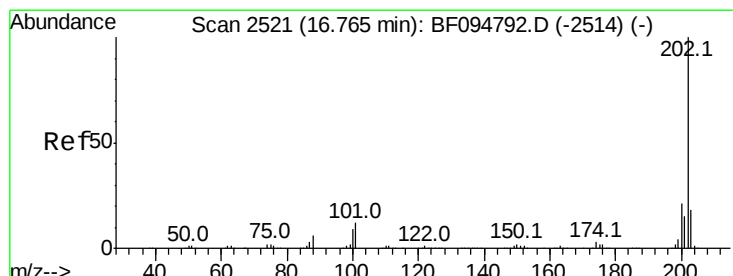
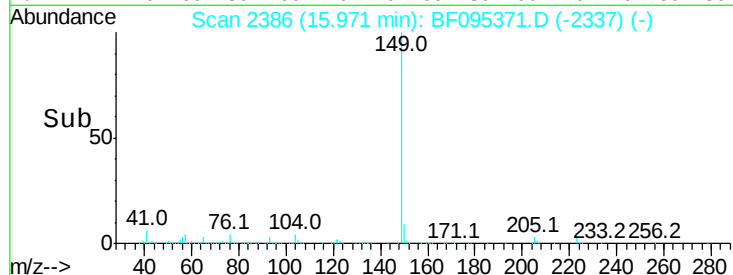
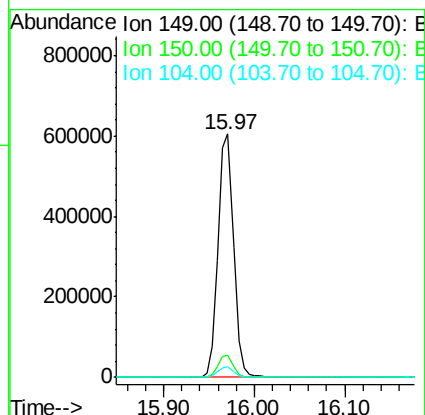
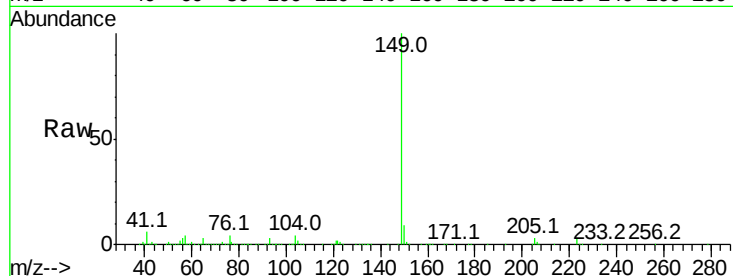




#73
Di-n-butylphthalate
Concen: 39.48 ng
RT: 15.97 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BF095371.D
Acq: 24 May 2017 4:18

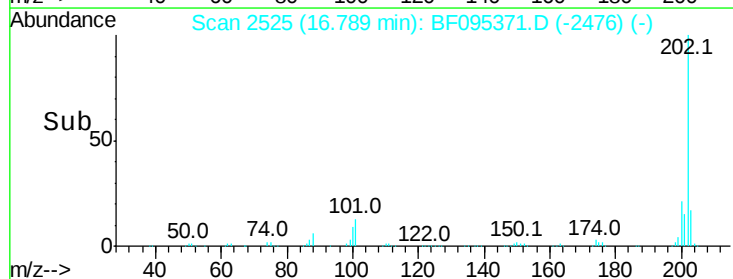
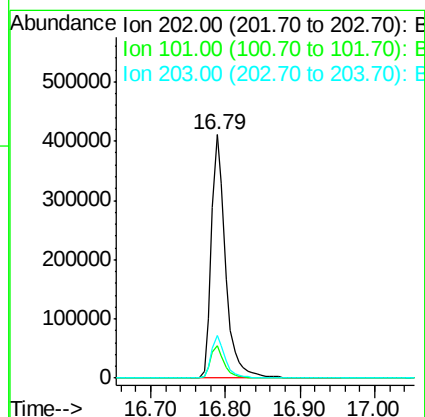
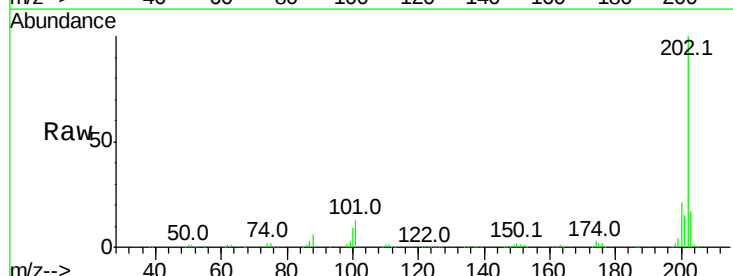
Instrument :
BNA_F
ClientSampleId :

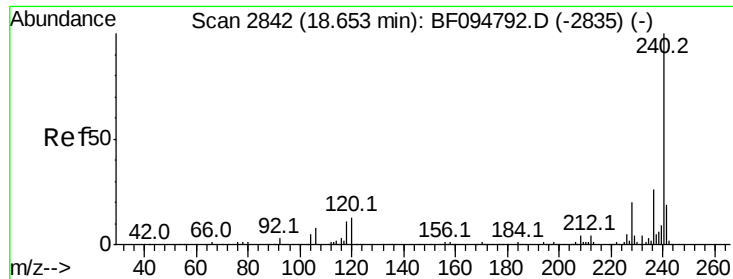
Tot Ion:149 Resp: 712930
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 4.2 4.0 6.0



#74
Fluoranthene
Concen: 33.87 ng
RT: 16.79 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF095371.D
Acq: 24 May 2017 4:18

Tgt Ion:202 Resp: 541309
Ion Ratio Lower Upper
202 100
101 13.1 0.0 33.2
203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

Instrument :

BNA_F

ClientSampleId :

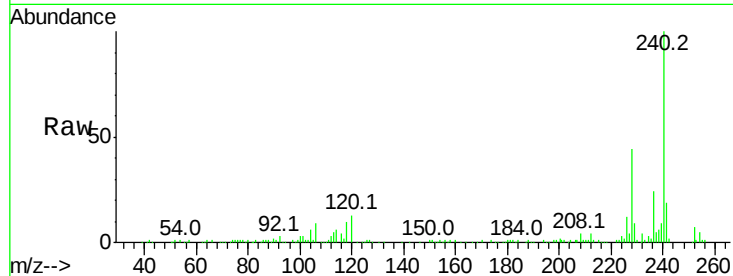
Tot Ion:240 Resp: 174075

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

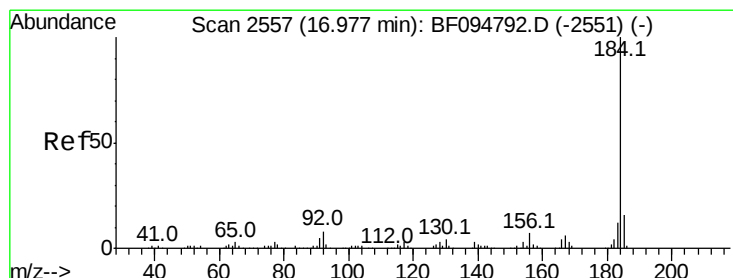
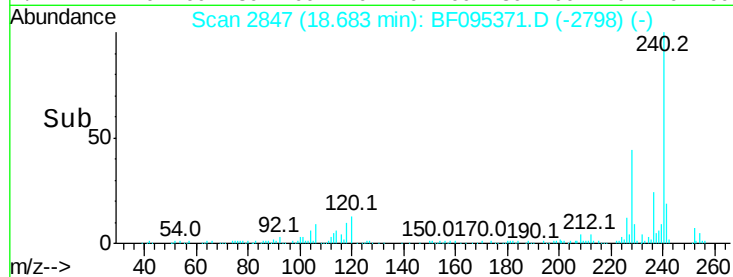
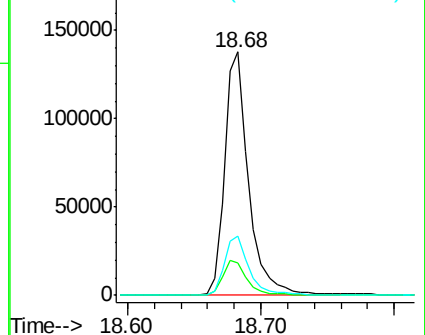
236 24.3 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 47.55 ng

RT: 17.02 min Scan# 2564

Delta R.T. 0.00 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

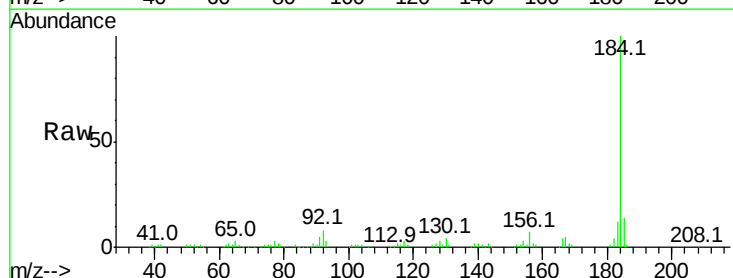
Tgt Ion:184 Resp: 223528

Ion Ratio Lower Upper

184 100

185 14.0 15.5 23.3#

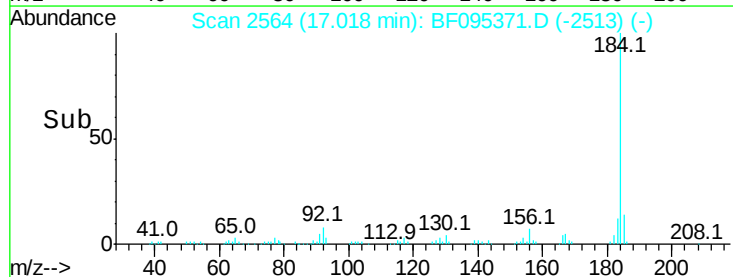
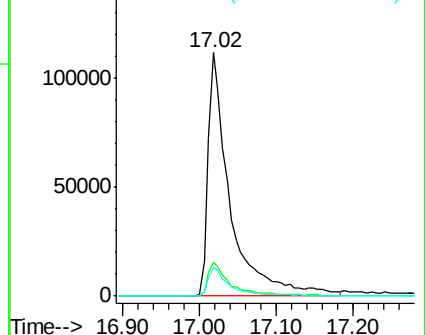
183 12.0 9.8 14.6

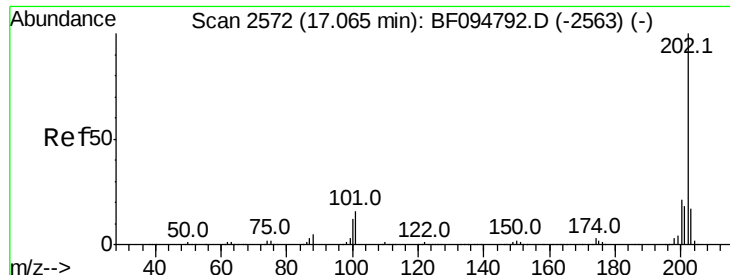


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

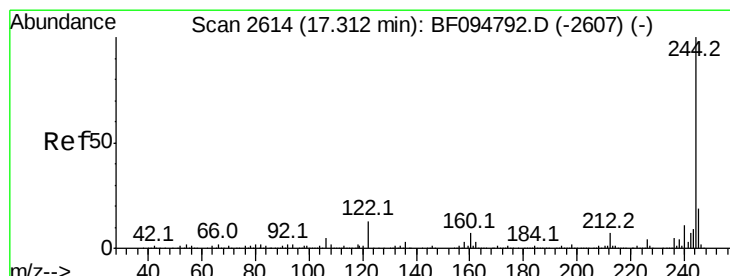
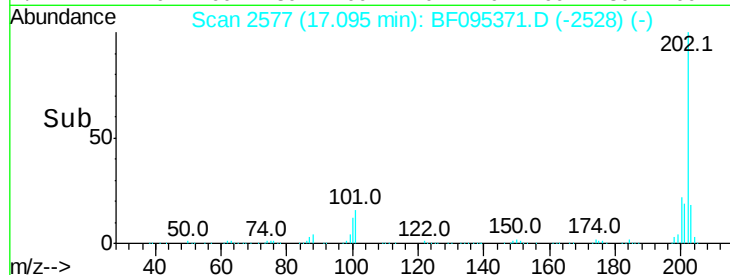
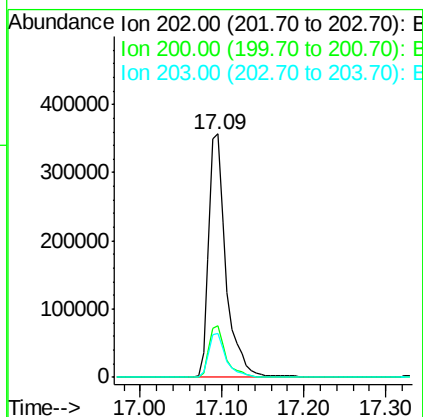
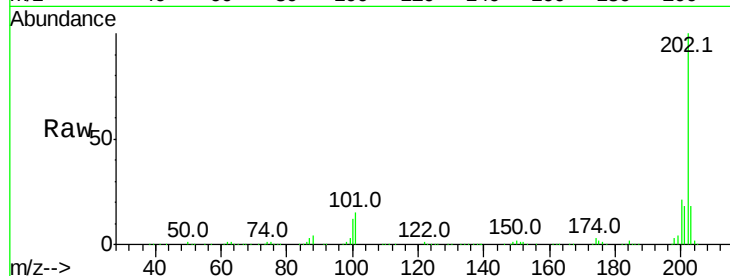




#77
Pvrene
Concen: 40.27 ng
RT: 17.09 min Scan# 2577
Delta R.T. -0.01 min
Lab File: BF095371.D
Acq: 24 May 2017 4:18

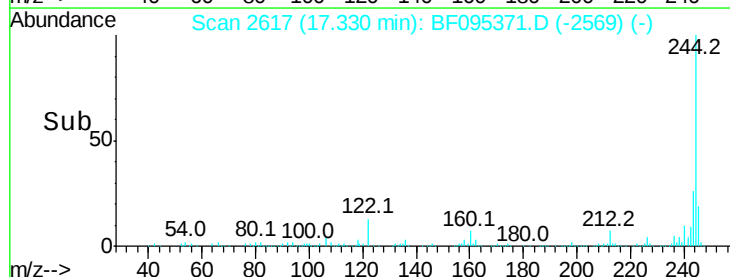
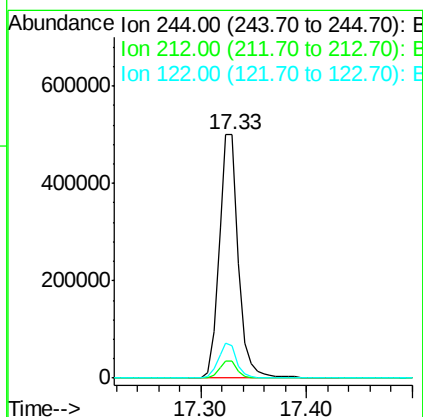
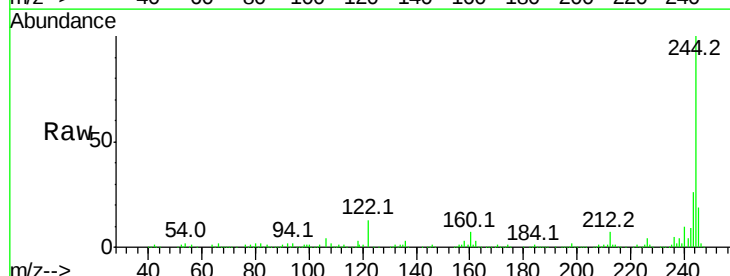
Instrument :
BNA_F
ClientSampleId :

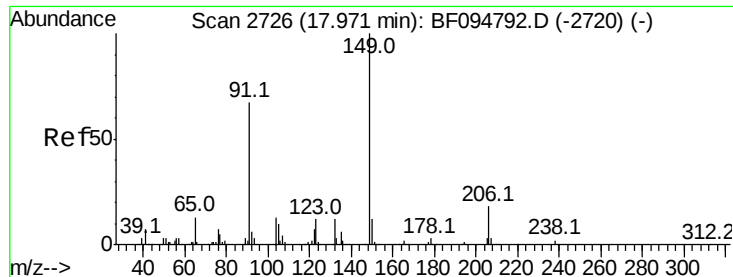
Tot Ion:202 Resp: 524261
Ion Ratio Lower Upper
202 100
200 21.3 17.6 26.4
203 17.8 14.4 21.6



#78
Terphenyl-d14
Concen: 80.45 ng
RT: 17.33 min Scan# 2617
Delta R.T. -0.02 min
Lab File: BF095371.D
Acq: 24 May 2017 4:18

Tgt Ion:244 Resp: 635852
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 13.2 10.3 15.5

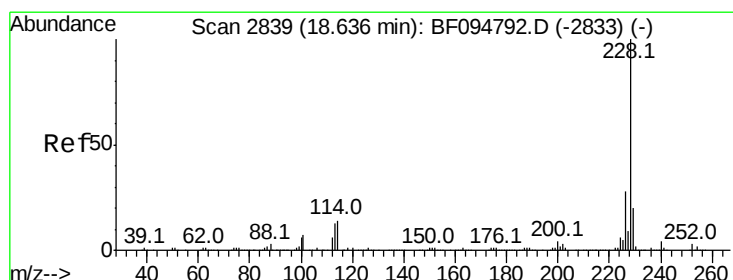
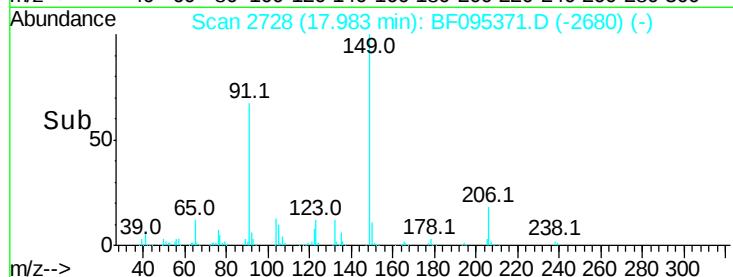
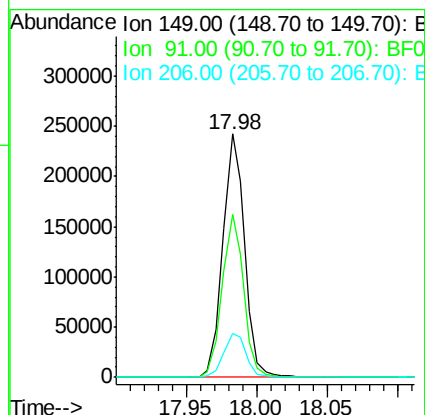
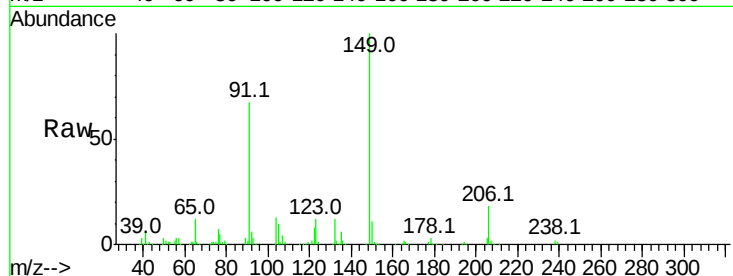




#79
Butylbenzylphthalate
Concen: 42.76 ng
RT: 17.98 min Scan# 2728
Delta R.T. -0.02 min
Lab File: BF095371.D
Acq: 24 May 2017 4:18

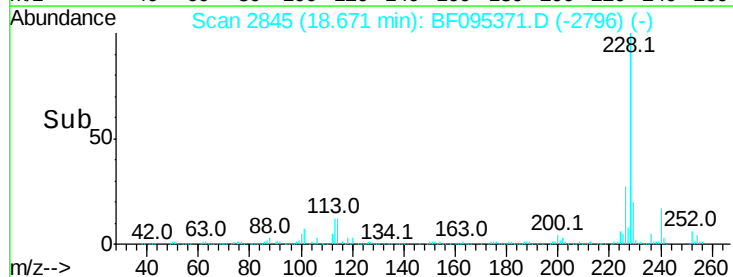
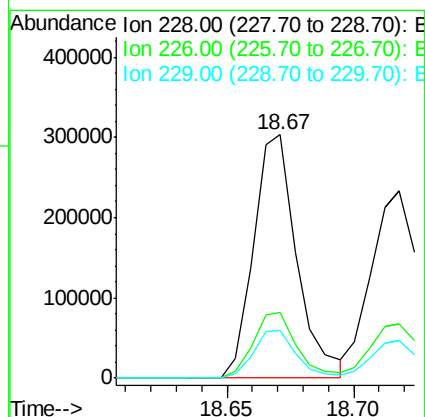
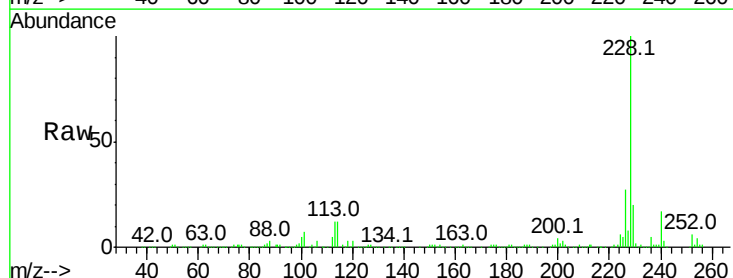
Instrument :
BNA_F
ClientSampled :

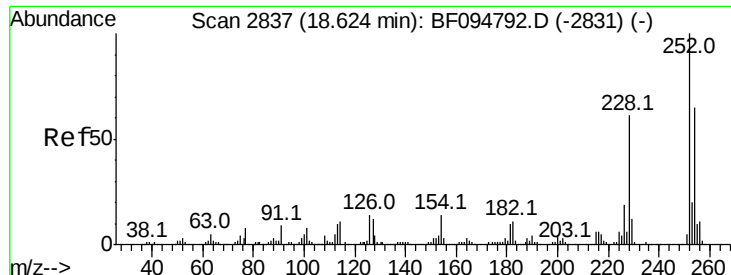
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.8	45.0	67.4
206	17.9	17.0	25.6



#80
Benzo(a)anthracene
Concen: 35.72 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095371.D
Acq: 24 May 2017 4:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	19.5	16.3	24.5

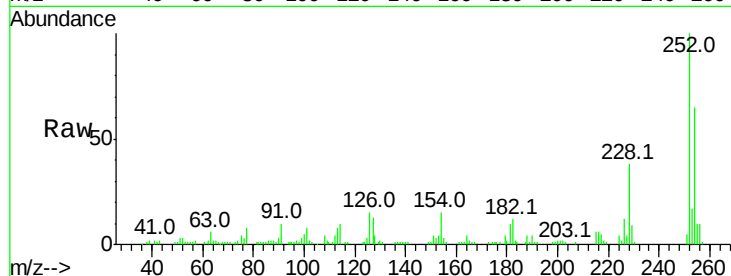




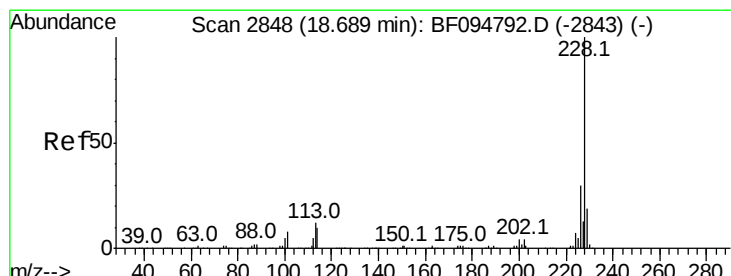
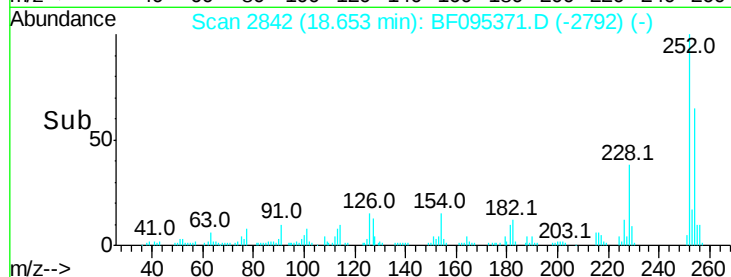
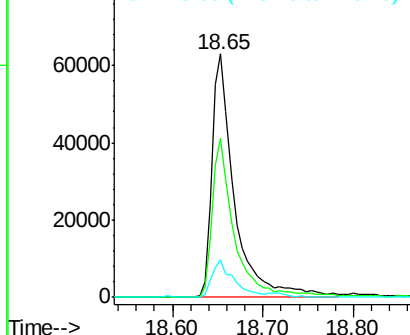
#81
 3,3'-Dichlorobenzidine
 Concen: 31.03 ng
 RT: 18.65 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BF095371.D
 Acq: 24 May 2017 4:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.5	77.3
126	15.2	15.8	23.8

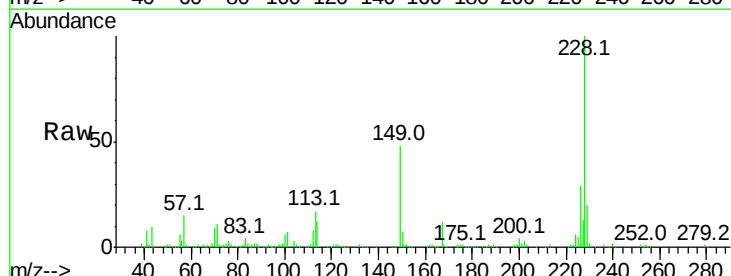


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

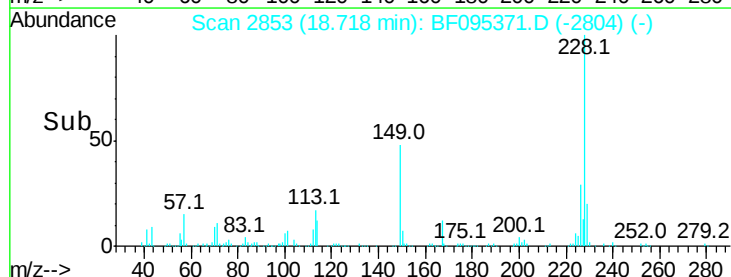
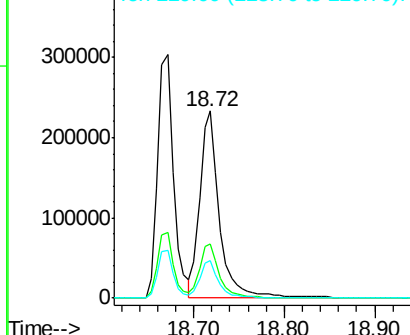


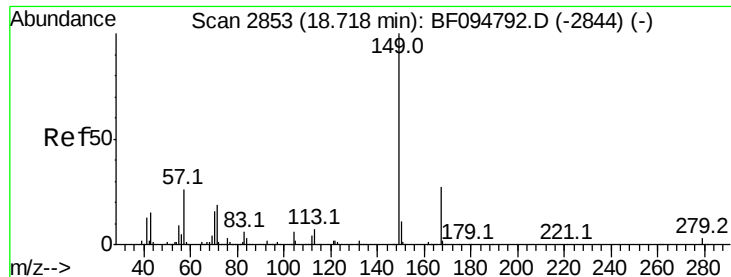
#82
 Chrysene
 Concen: 35.60 ng
 RT: 18.72 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF095371.D
 Acq: 24 May 2017 4:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.9	37.3
229	19.8	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: 39.76 ng

RT: 18.73 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

Instrument :

BNA_F

ClientSampled :

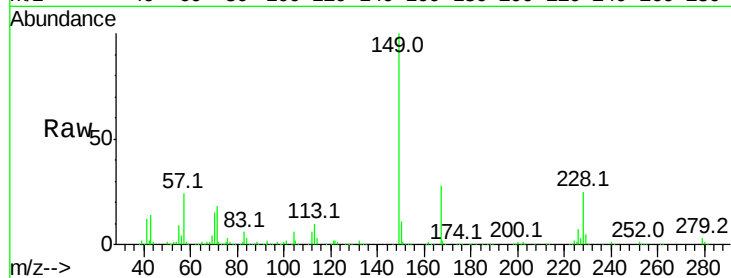
Tot Ion:149 Resp: 343034

Ion Ratio Lower Upper

149 100

167 27.9 21.0 31.4

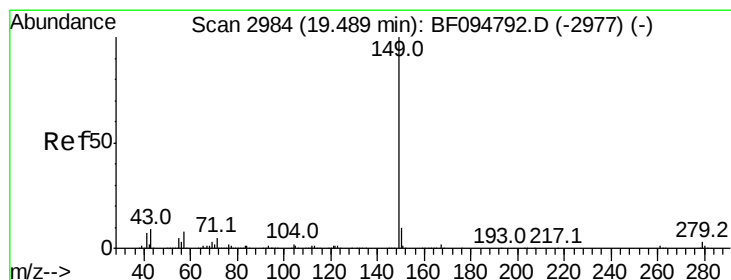
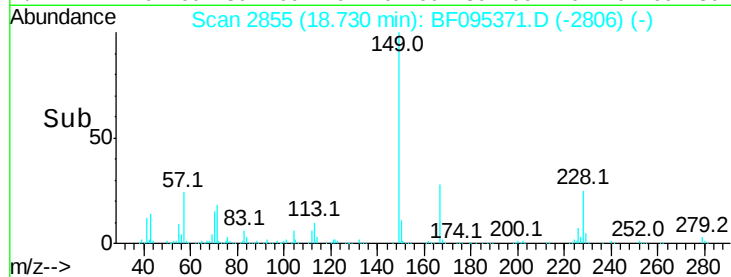
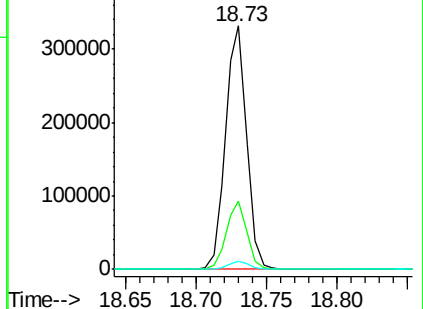
279 3.2 1.9 2.9#



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: 36.74 ng

RT: 19.49 min Scan# 2985

Delta R.T. -0.02 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

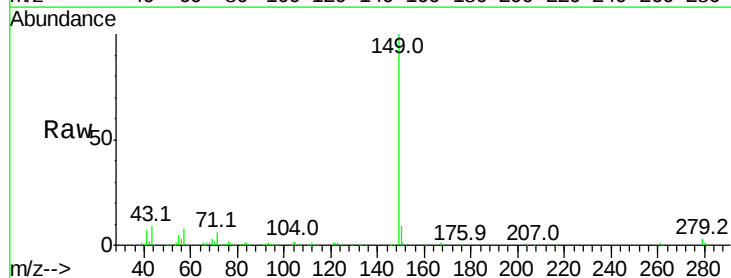
Tgt Ion:149 Resp: 519655

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

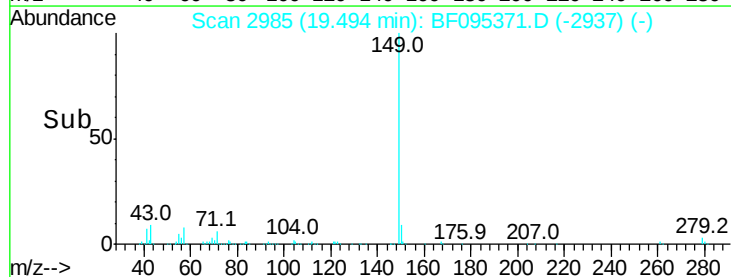
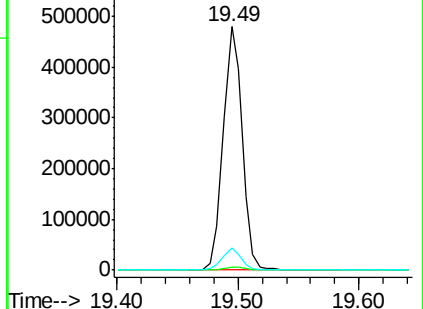
43 8.7 8.5 12.7

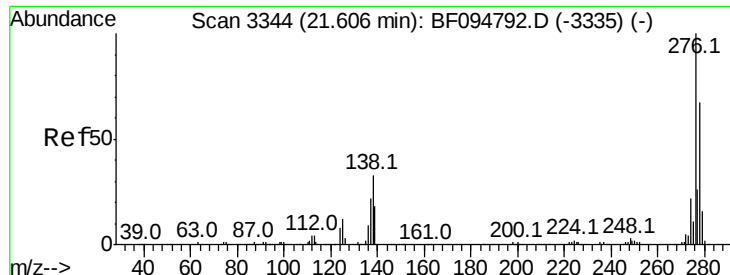


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

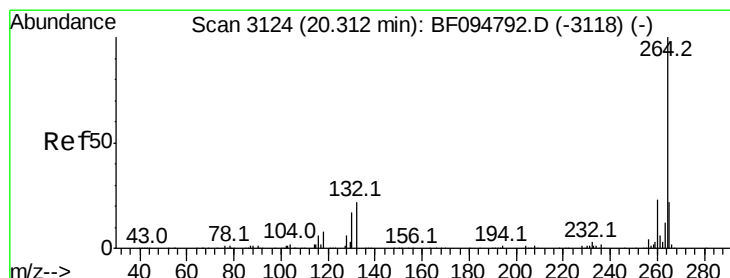
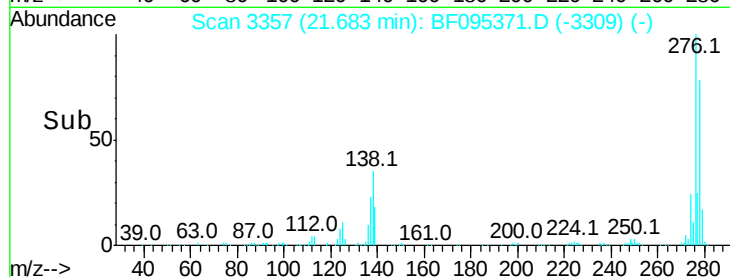
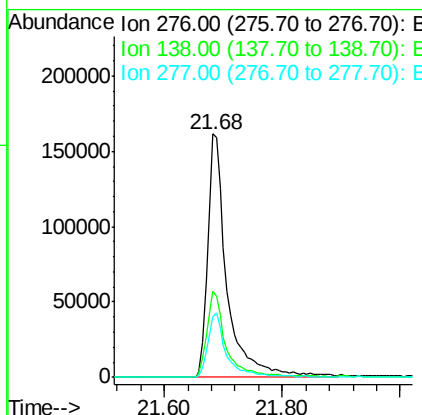
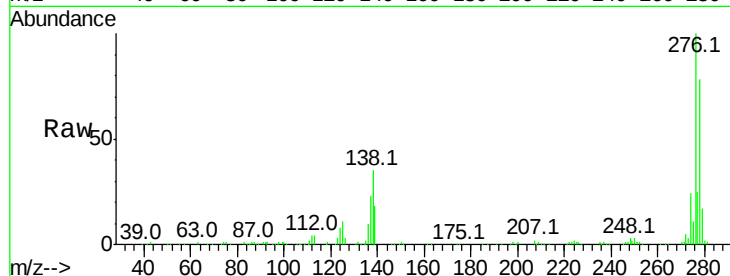




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.72 ng
 RT: 21.68 min Scan# 3357
 Delta R.T. -0.02 min
 Lab File: BF095371.D
 Acq: 24 May 2017 4:18

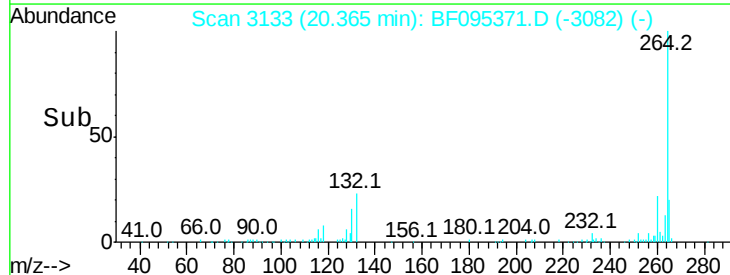
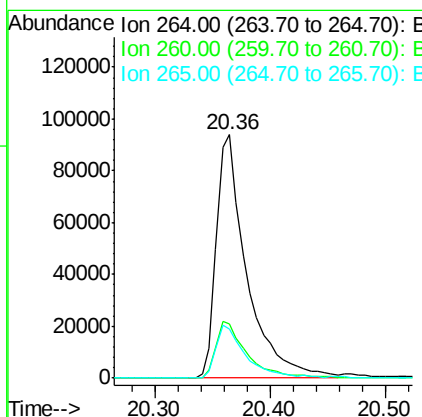
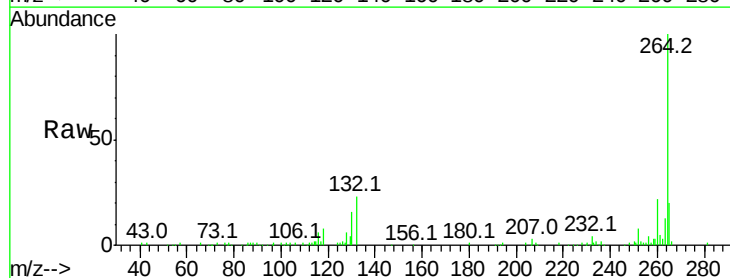
Instrument :
 BNA_F
 ClientSampleId :

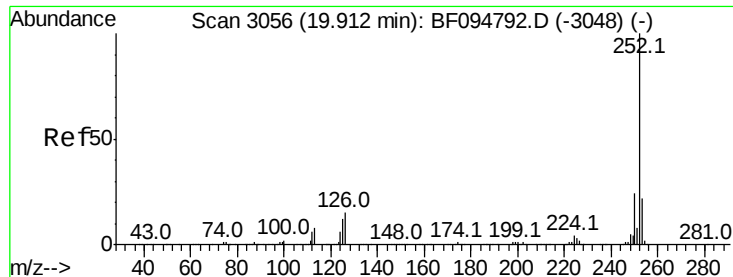
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.9	27.8	41.6
277	24.9	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BF095371.D
 Acq: 24 May 2017 4:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.5	29.3
265	20.1	17.2	25.8

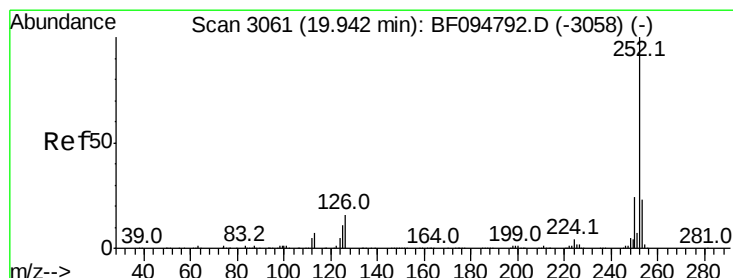
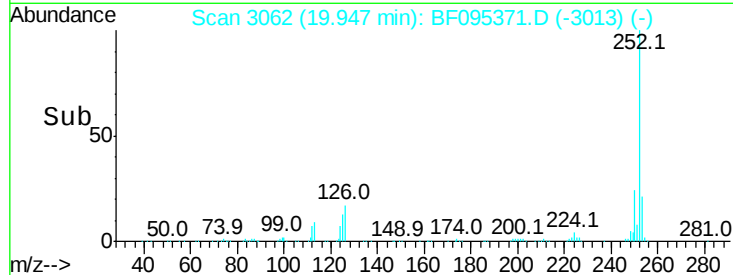
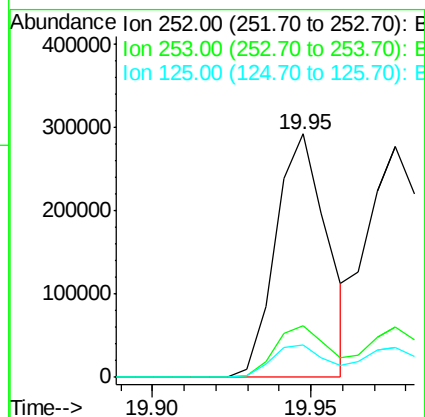
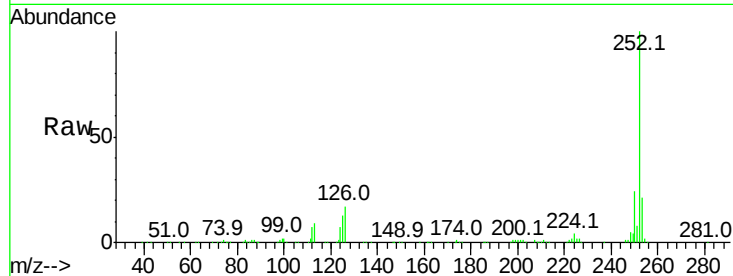




#87
Benzo(b)fluoranthene
Concen: 31.15 ng
RT: 19.95 min Scan# 3062
Delta R.T. -0.01 min
Lab File: BF095371.D
Acq: 24 May 2017 4:18

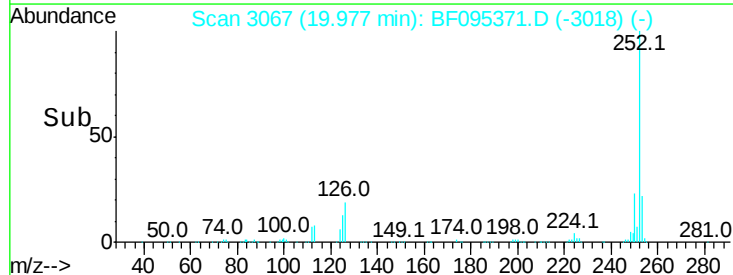
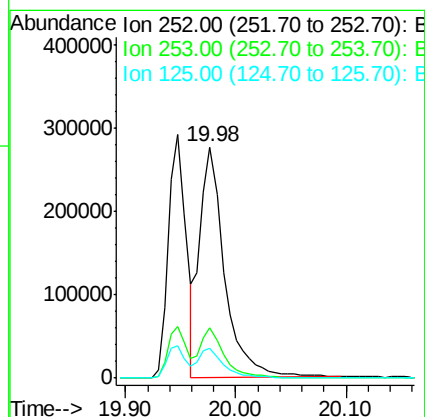
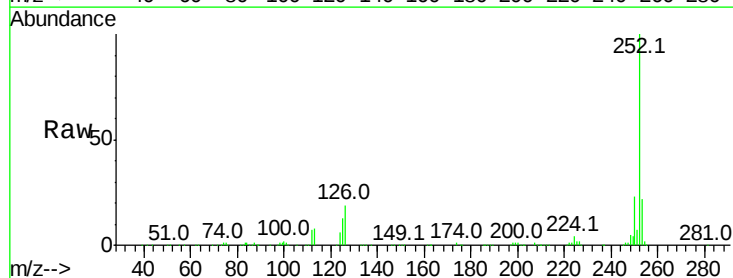
Instrument :
BNA_F
ClientSampleId :

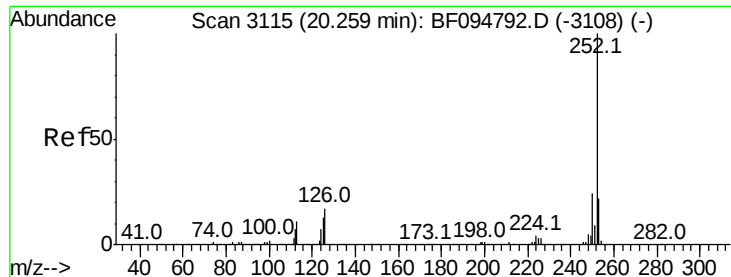
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.1	27.1
125	13.2	9.8	14.8



#88
Benzo(k)fluoranthene
Concen: 41.43 ng
RT: 19.98 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BF095371.D
Acq: 24 May 2017 4:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.4	27.6
125	13.2	13.1	19.7

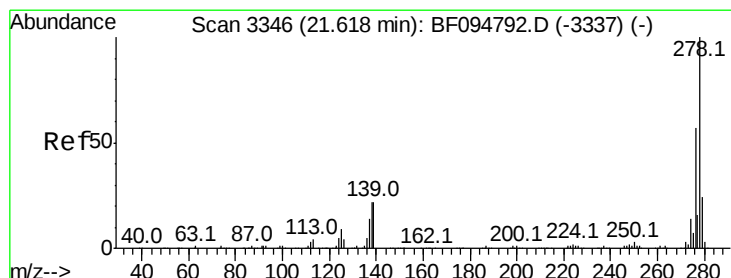
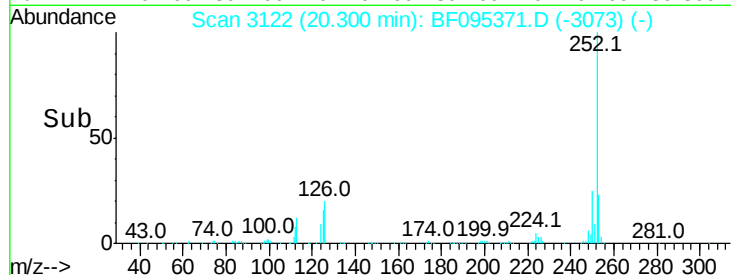
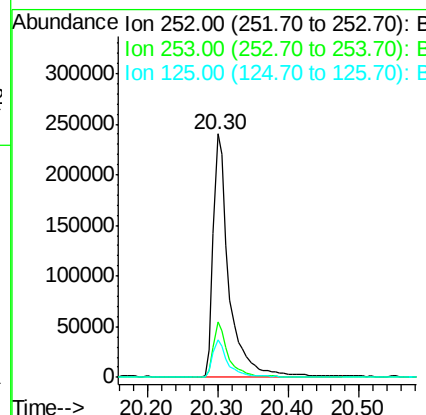
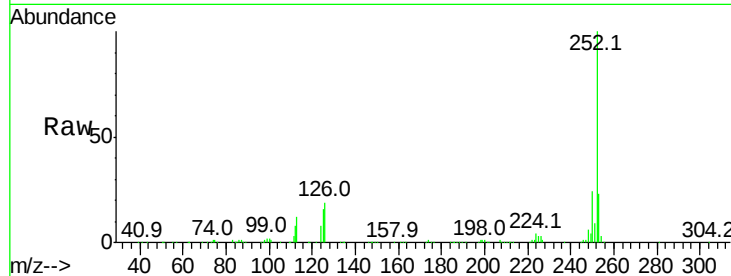




#89
Benzo(a)pyrene
Concen: 37.74 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095371.D
Acq: 24 May 2017 4:18

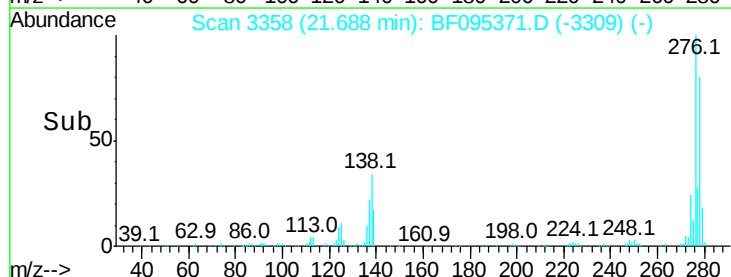
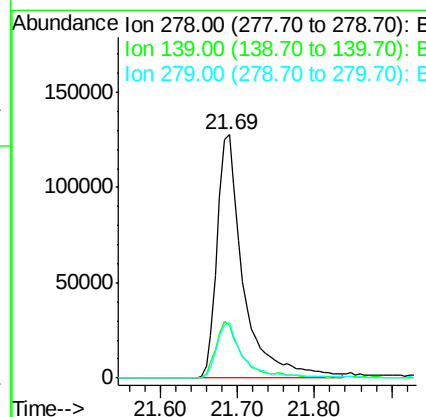
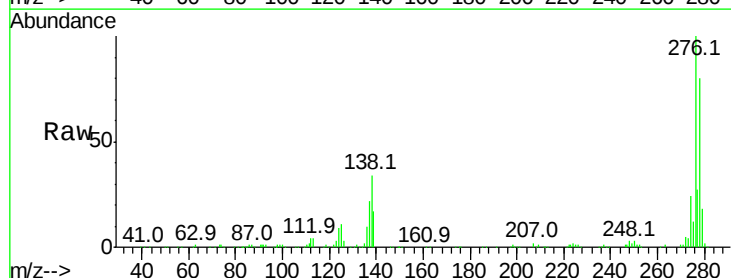
Instrument :
BNA_F
ClientSampleId :

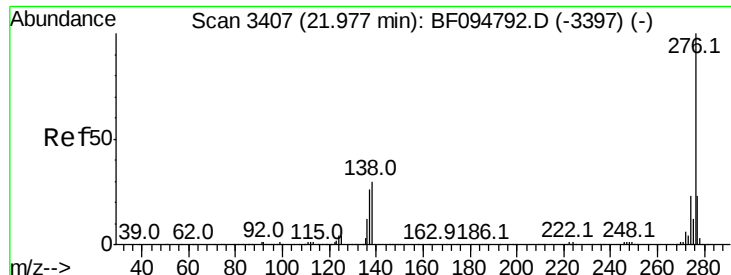
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	15.6	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 37.37 ng
RT: 21.69 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BF095371.D
Acq: 24 May 2017 4:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	16.6	24.8
279	22.9	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 37.68 ng

RT: 22.08 min Scan# 3424

Delta R.T. -0.01 min

Lab File: BF095371.D

Acq: 24 May 2017 4:18

Instrument :

BNA_F

ClientSampleId :

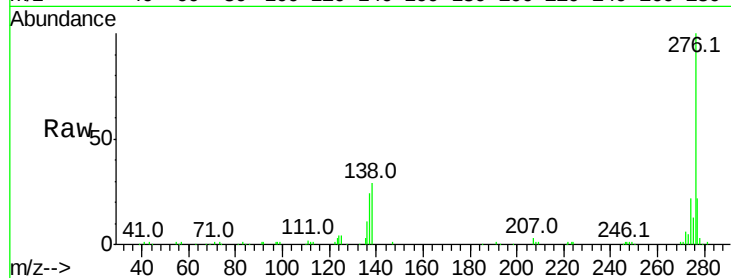
Tot Ion:276 Resp: 299128

Ion Ratio Lower Upper

276 100

277 22.3 18.6 28.0

138 29.0 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

