

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
 Data File : BF094959.D
 Acq On : 6 May 2017 14:02
 Operator : SJ/MA
 Sample : I2947-06MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 08 07:55:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	86152	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	350438	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	163793	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	300027	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	235015	20.00	ng	-0.01
86) Perylene-d12	20.31	264	185722	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	762687	147.60	ng	0.00
7) Phenol-d6	7.27	99	926698	149.46	ng	0.00
23) Nitrobenzene-d5	8.63	82	551110	99.17	ng	0.00
41) 2,4,6-Tribromophenol	13.87	330	205131	152.92	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	1058640	93.03	ng	-0.01
78) Terphenyl-d14	17.30	244	986120	92.42	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.14	88	105405	41.59	ng	94
3) Pyridine	2.82	79	191041	32.53	ng	100
4) n-Nitrosodimethylamine	2.74	42	119616	48.86	ng	88
6) Aniline	7.22	93	339693	43.40	ng	96
8) 2-Chlorophenol	7.41	128	296971	50.49	ng	96
9) Benzaldehyde	7.05	77	41224	10.89	ng	91
10) Phenol	7.29	94	350252	53.61	ng	90
11) bis(2-Chloroethyl)ether	7.37	93	255212	47.32	ng	93
12) 1,3-Dichlorobenzene	7.63	146	305533	45.79	ng	97
13) 1,4-Dichlorobenzene	7.75	146	313234	46.29	ng	98
14) 1,2-Dichlorobenzene	7.98	146	297530	47.11	ng	96
15) Benzyl Alcohol	8.01	79	230374	57.77	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	333488	43.68	ng	# 39
17) 2-Methylphenol	8.22	107	234497	48.72	ng	# 90
18) Hexachloroethane	8.50	117	102897	44.89	ng	# 84
19) n-Nitroso-di-n-propylamine	8.44	70	202401	48.27	ng	94
20) 3+4-Methylphenols	8.47	107	319841	48.90	ng	# 60
22) Acetophenone	8.40	105	408771	48.62	ng	# 84
24) Nitrobenzene	8.65	77	278418	47.80	ng	94
25) Isophorone	9.05	82	519563	52.36	ng	96
26) 2-Nitrophenol	9.16	139	162602	51.73	ng	98
27) 2,4-Dimethylphenol	9.30	122	257330	50.64	ng	99
28) bis(2-Chloroethoxy)methane	9.42	93	329902	48.06	ng	99
29) 2,4-Dichlorophenol	9.58	162	243949	50.84	ng	99
30) 1,2,4-Trichlorobenzene	9.67	180	240062	46.70	ng	98
31) Naphthalene	9.78	128	819381	46.52	ng	100
32) Benzoic acid	9.58	122	79034	26.26	ng	96
33) 4-Chloroaniline	9.91	127	212692	32.40	ng	# 91
34) Hexachlorobutadiene	10.00	225	120381	44.38	ng	97
35) Caprolactam	10.55	113	36566	25.38	ng	91
36) 4-Chloro-3-methylphenol	10.77	107	264467	51.55	ng	89
37) 2-Methylnaphthalene	10.90	142	570143	49.32	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	226426	44.95	ng	99
40) Hexachlorocyclopentadiene	11.16	237	160214	75.99	ng	98

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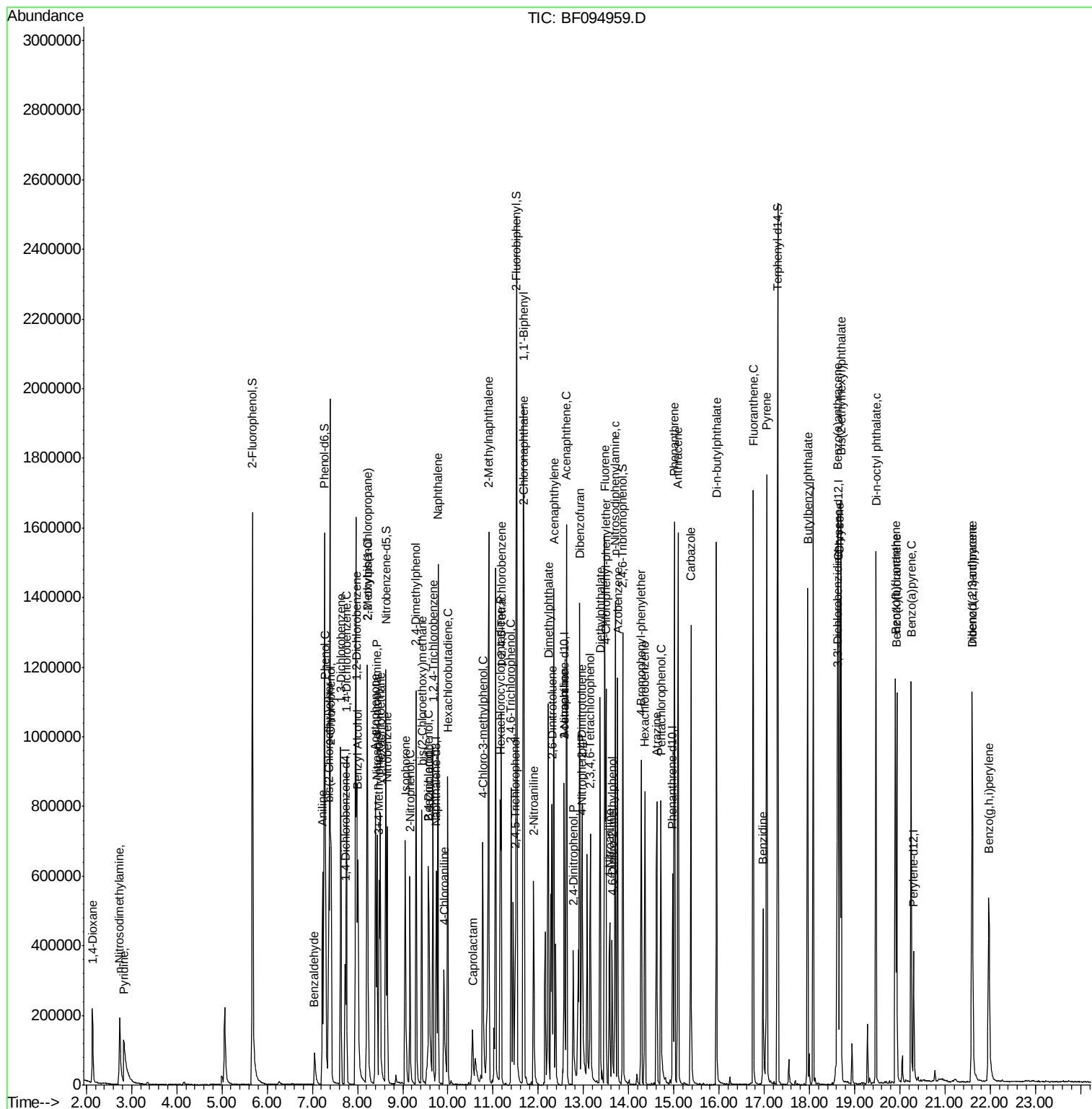
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	167601	49.84	nq	100
43) 2,4,5-Trichlorophenol	11.49	196	170107	47.06	nq	# 91
45) 1,1'-Biphenyl	11.67	154	635296	46.07	nq	98
46) 2-Chloronaphthalene	11.68	162	502457	45.12	nq	95
47) 2-Nitroaniline	11.89	65	147815	48.50	nq	# 85
48) Acenaphthylene	12.34	152	828280	47.49	nq	98
49) Dimethylphthalate	12.22	163	803096	59.73	nq	99
50) 2,6-Dinitrotoluene	12.31	165	137965	50.29	nq	95
51) Acenaphthene	12.62	154	484998	46.56	nq	100
52) 3-Nitroaniline	12.58	138	101042	34.32	nq	90
53) 2,4-Dinitrophenol	12.77	184	98469	66.33	nq	# 68
54) Dibenzofuran	12.91	168	743670	51.59	nq	100
55) 4-Nitrophenol	12.95	139	170146	96.21	nq	# 76
56) 2,4-Dinitrotoluene	12.97	165	184290	52.28	nq	# 91
57) Fluorene	13.47	166	590734	47.13	nq	100
58) 2,3,4,6-Tetrachlorophenol	13.15	232	126355	55.54	nq	98
59) Diethylphthalate	13.37	149	585589	45.44	nq	99
60) 4-Chlorophenyl-phenylether	13.49	204	259572	47.12	nq	89
61) 4-Nitroaniline	13.58	138	135478	50.12	nq	96
62) Azobenzene	13.75	77	547897	52.90	nq	93
64) 4,6-Dinitro-2-methylphenol	13.64	198	91575	45.53	nq	# 63
65) n-Nitrosodiphenylamine	13.70	169	510701	46.90	nq	99
66) 4-Bromophenyl-phenylether	14.28	248	147108	46.41	nq	99
67) Hexachlorobenzene	14.36	284	148318	45.66	nq	# 88
68) Atrazine	14.62	200	150221	48.86	nq	98
69) Pentachlorophenol	14.71	266	137965	92.91	nq	97
70) Phenanthrene	15.01	178	813997	47.22	nq	98
71) Anthracene	15.09	178	851309	48.35	nq	98
72) Carbazole	15.38	167	808493	50.46	nq	97
73) Di-n-butylphthalate	15.94	149	940947	47.09	nq	99
74) Fluoranthene	16.75	202	886590	50.14	nq	98
76) Benzidine	16.97	184	297570	46.98	nq	# 94
77) Pyrene	17.05	202	887389	50.49	nq	99
79) Butylbenzylphthalate	17.96	149	420454	51.43	nq	91
80) Benzo(a)anthracene	18.63	228	636525	46.54	nq	98
81) 3,3'-Dichlorobenzidine	18.61	252	181598	38.44	nq	# 96
82) Chrysene	18.67	228	613846	46.41	nq	98
83) Bis(2-ethylhexyl)phthalate	18.70	149	582377	50.00	nq	# 99
84) Di-n-octyl phthalate	19.47	149	902318	47.25	nq	96
85) Indeno(1,2,3-cd)pyrene	21.60	276	516261	48.07	nq	99
87) Benzo(b)fluoranthene	19.90	252	534152	46.55	nq	98
88) Benzo(k)fluoranthene	19.93	252	532983	48.15	nq	# 95
89) Benzo(a)pyrene	20.25	252	505089	47.70	nq	99
90) Dibenzo(a,h)anthracene	21.61	278	421122	48.15	nq	99
91) Benzo(g,h,i)perylene	21.97	276	457758	53.34	nq	97

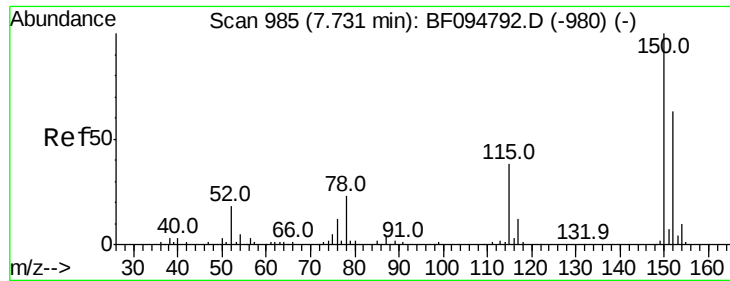
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

Instrument :

BNA_F

ClientSampleId :

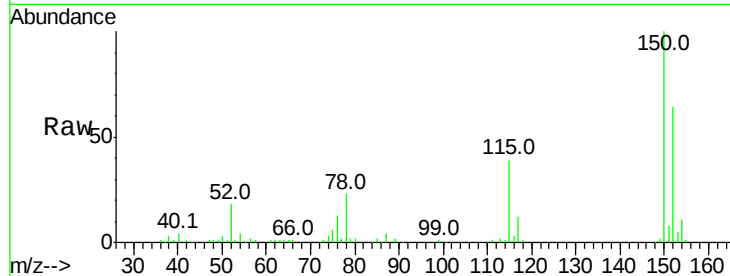
Tot Ion:152 Resp: 86152

Ion Ratio Lower Upper

152 100

150 156.7 126.2 189.2

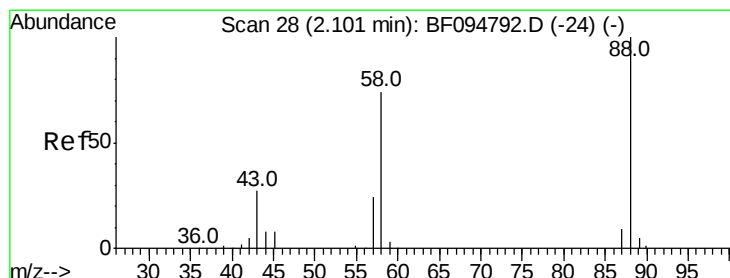
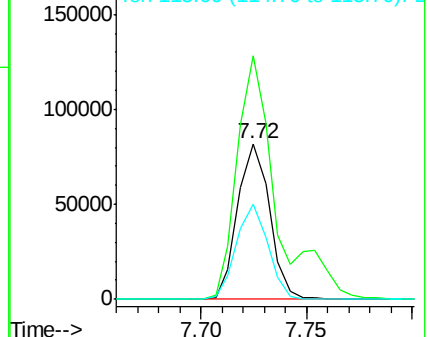
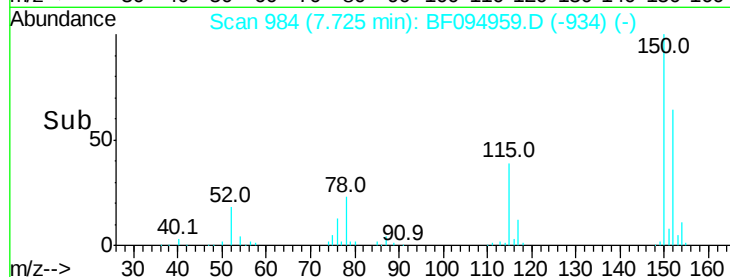
115 61.5 52.2 78.2



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



#2

1,4-Dioxane

Concen: 41.59 ng

RT: 2.14 min Scan# 34

Delta R.T. 0.04 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

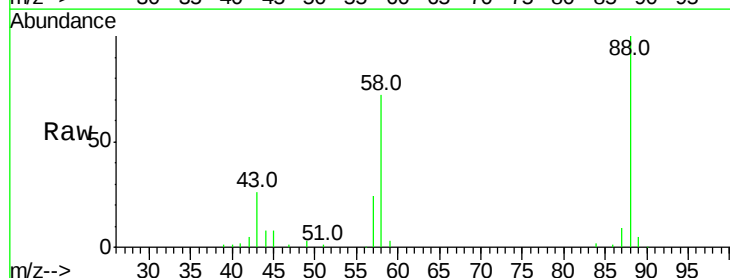
Tgt Ion: 88 Resp: 105405

Ion Ratio Lower Upper

88 100

58 71.5 61.4 92.0

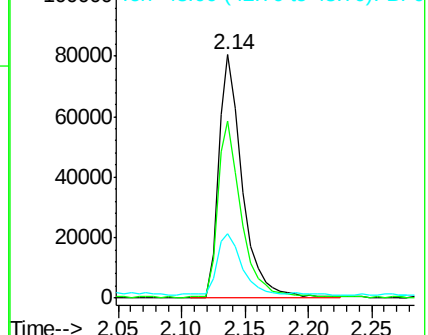
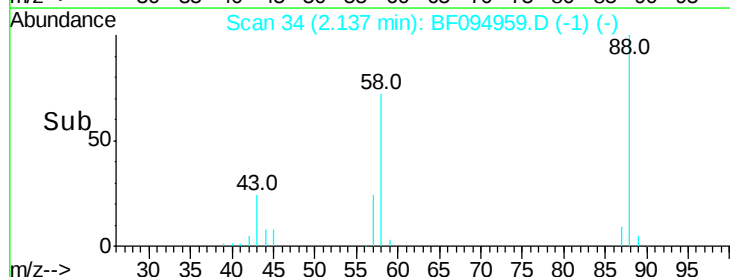
43 25.2 23.4 35.0

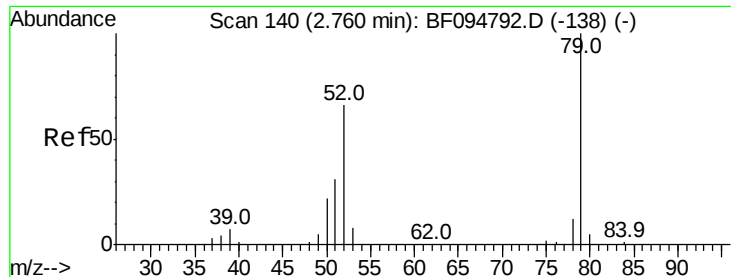


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 32.53 ng

RT: 2.82 min Scan# 151

Delta R.T. 0.06 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

Instrument :

BNA_F

ClientSampled :

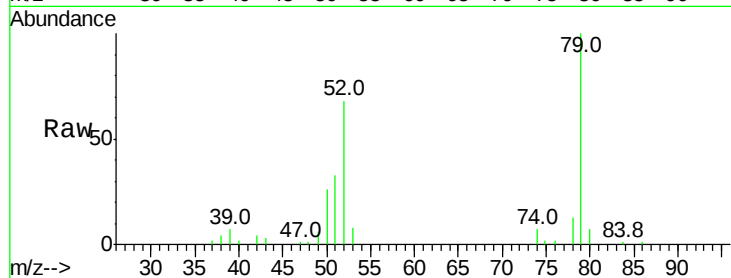
Tot Ion: 79 Resp: 191041

Ion Ratio Lower Upper

79 100

52 68.3 54.8 82.2

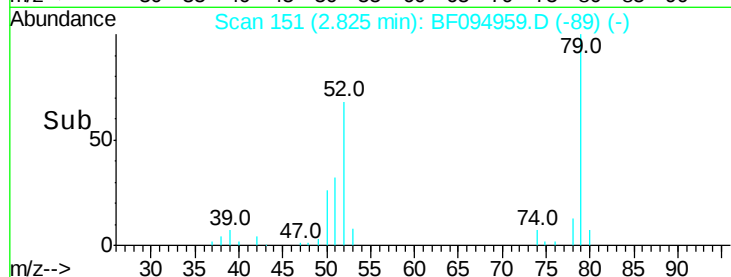
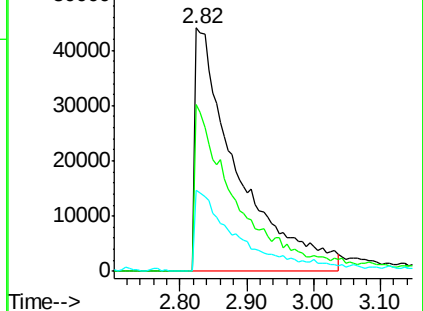
51 33.1 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 48.86 ng

RT: 2.74 min Scan# 137

Delta R.T. 0.05 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

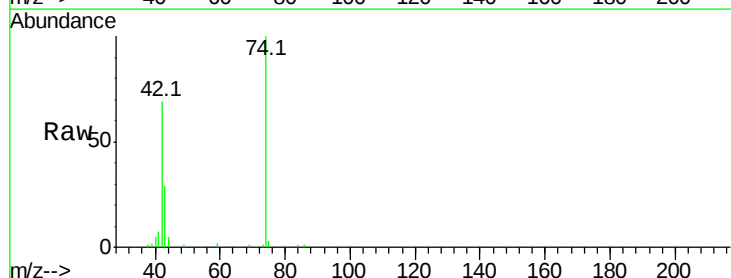
Tgt Ion: 42 Resp: 119616

Ion Ratio Lower Upper

42 100

74 144.7 103.9 155.9

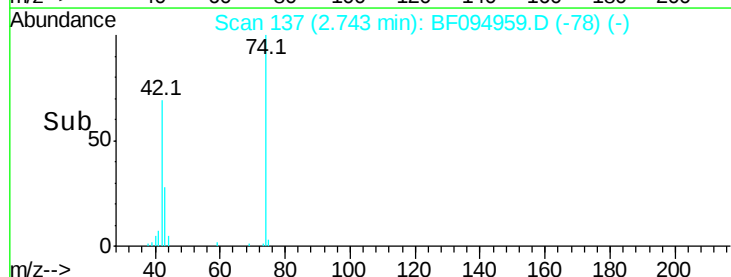
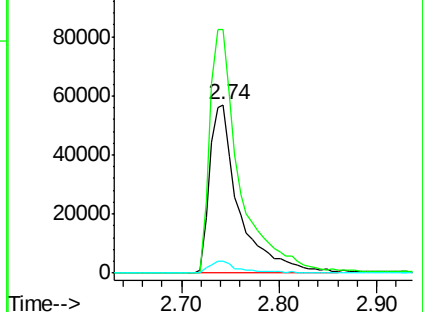
44 7.4 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 147.60 ng

RT: 5.68 min Scan# 636

Delta R.T. 0.00 min

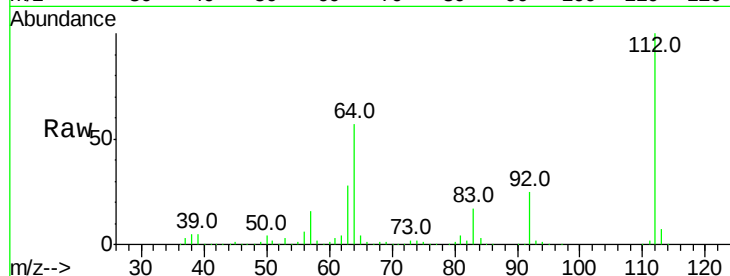
Lab File: BF094959.D

Acq: 6 May 2017 14:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:112 Resp: 762687

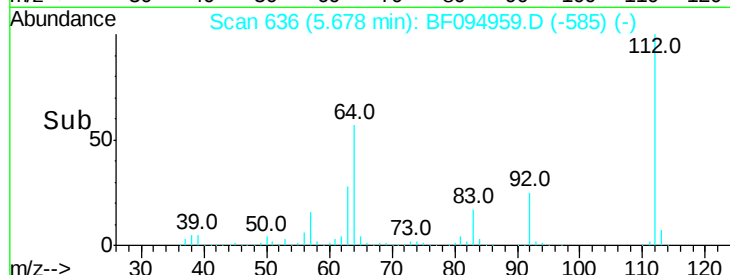
Ion	Ratio	Lower	Upper
112	100		
64	56.8	46.0	69.0
63	27.9	23.4	35.0



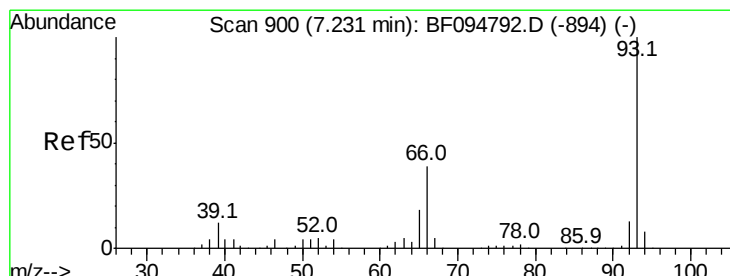
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#6

Aniline

Concen: 43.40 ng

RT: 7.22 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

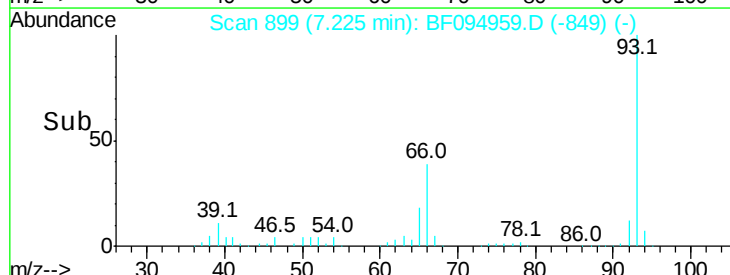
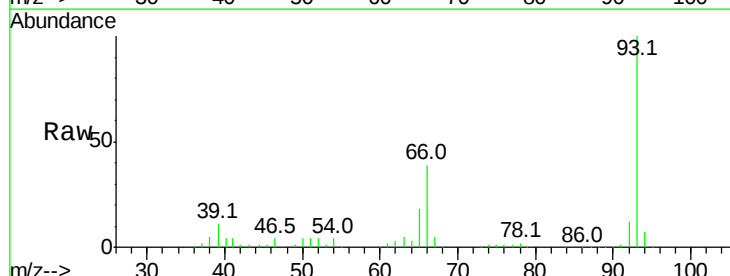
Tgt Ion: 93 Resp: 339693

Ion	Ratio	Lower	Upper
93	100		
66	38.6	32.9	49.3
65	18.4	16.0	24.0

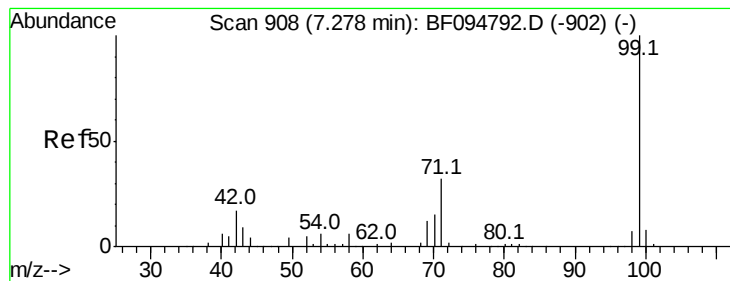
Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



Time-->



#7

Phenol-d6

Concen: 149.46 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

Instrument :

BNA_F

ClientSampleId :

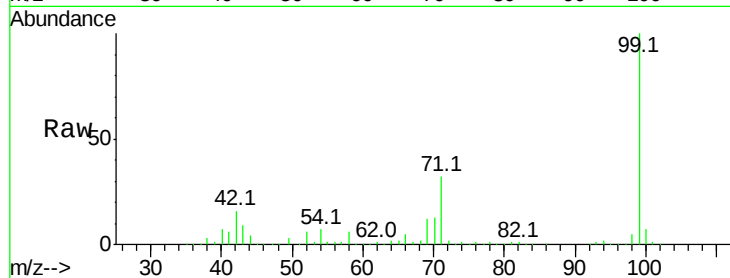
Tot Ion: 99 Resp: 926698

Ion Ratio Lower Upper

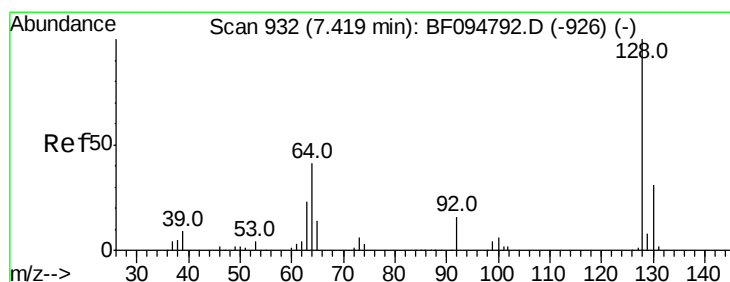
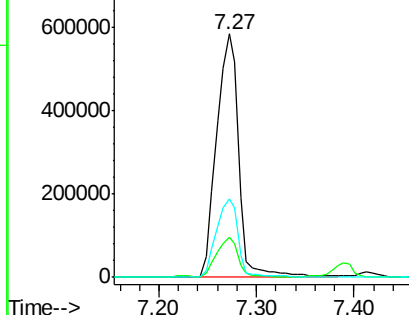
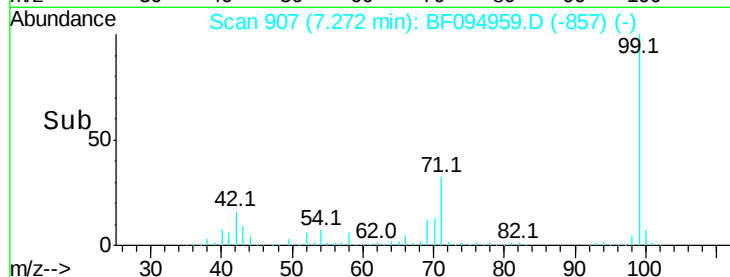
99 100

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: 50.49 ng

RT: 7.41 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

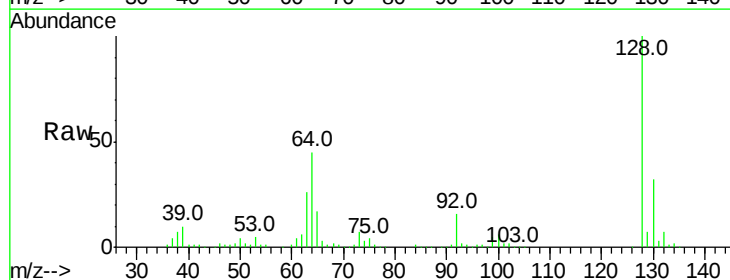
Tgt Ion: 128 Resp: 296971

Ion Ratio Lower Upper

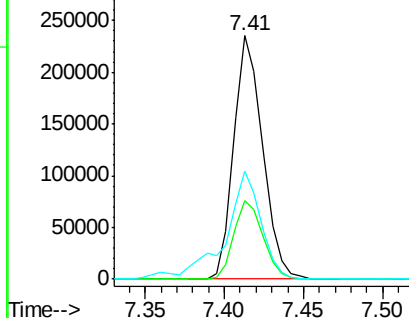
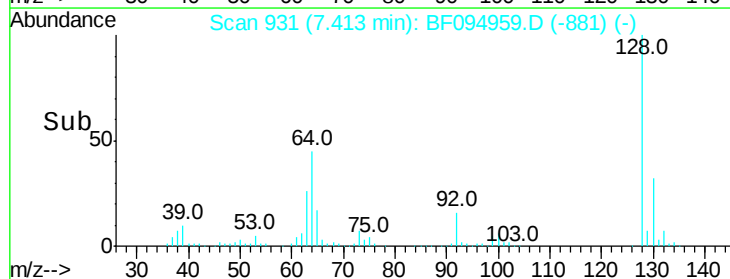
128 100

130 32.4 12.9 52.9

64 44.6 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: 10.89 ng

RT: 7.05 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

Instrument :

BNA_F

ClientSampled :

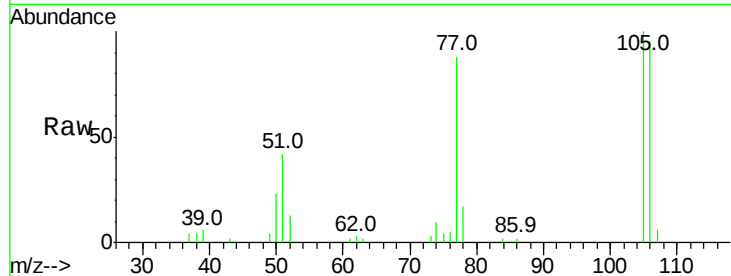
Tot Ion: 77 Resp: 41224

Ion Ratio Lower Upper

77 100

105 113.1 83.8 123.8

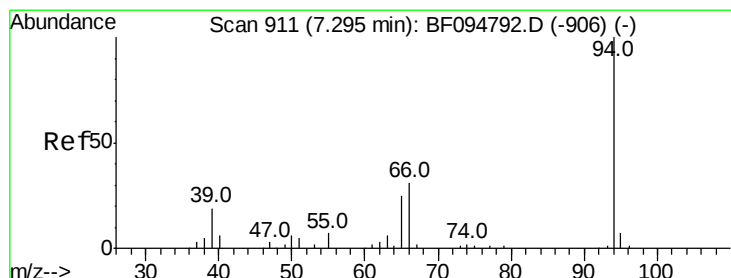
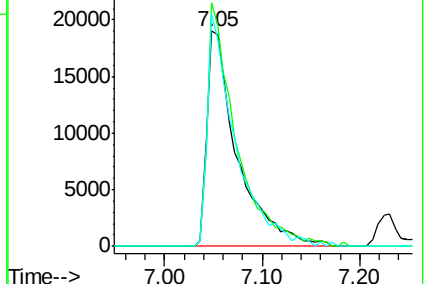
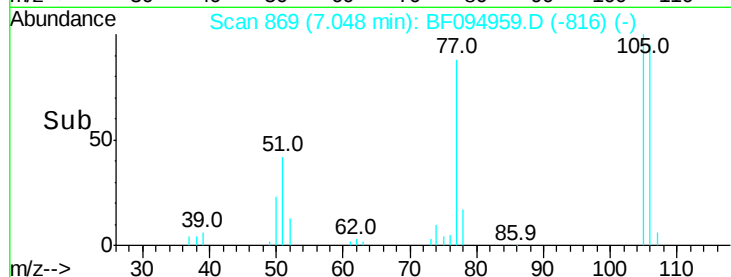
106 108.0 79.1 119.1



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: 53.61 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

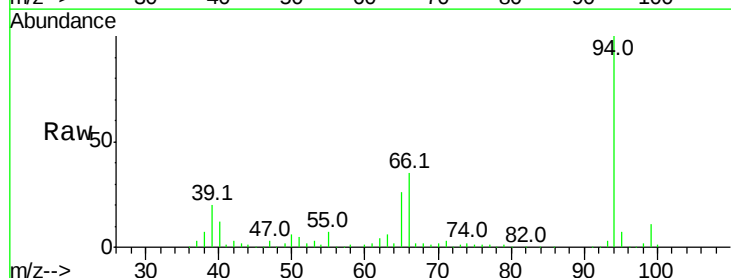
Tgt Ion: 94 Resp: 350252

Ion Ratio Lower Upper

94 100

65 26.2 9.9 49.9

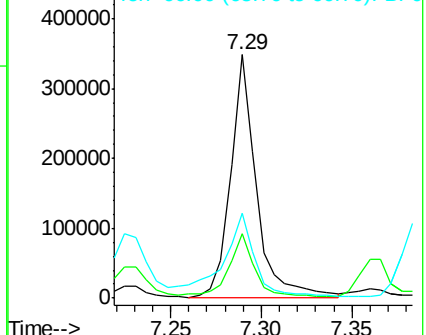
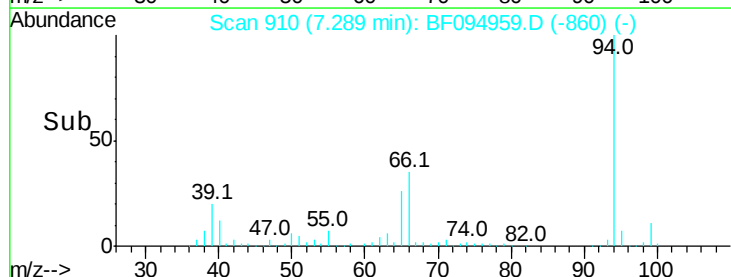
66 34.7 23.1 63.1

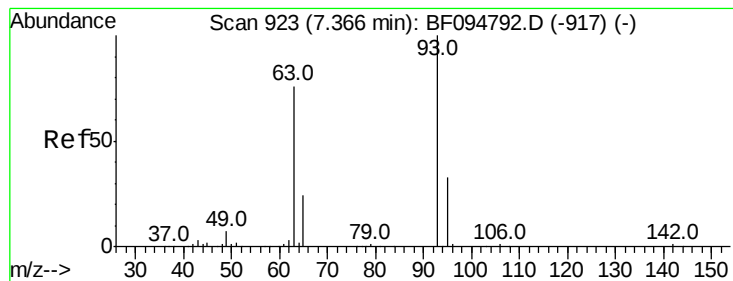


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

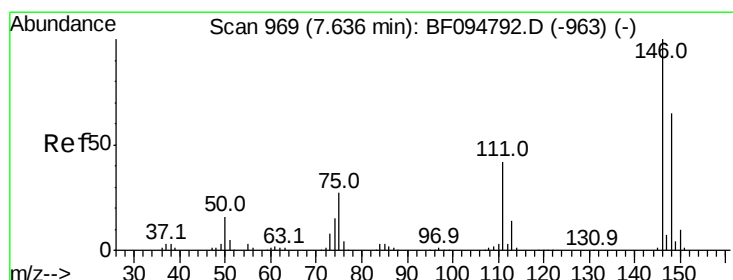
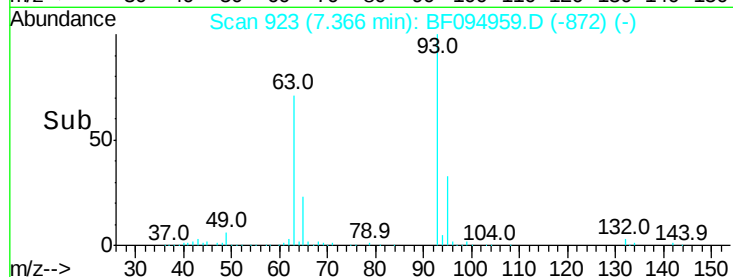
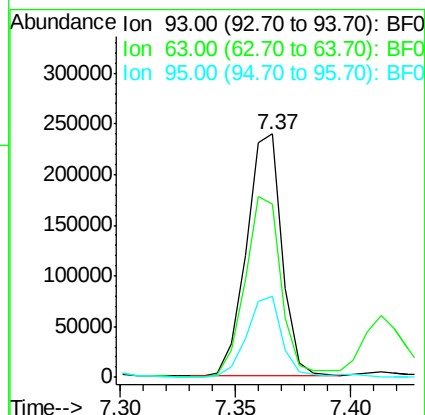
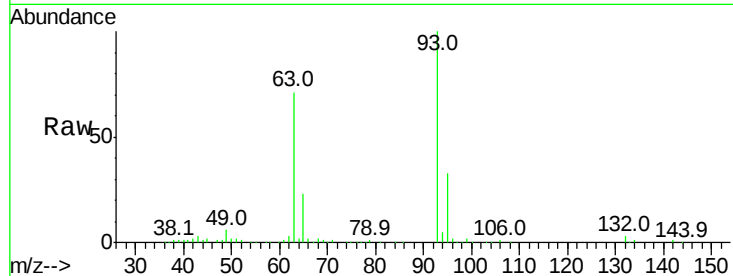




#11
bis(2-Chloroethyl)ether
Concen: 47.32 ng
RT: 7.37 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF094959.D
Acq: 6 May 2017 14:02

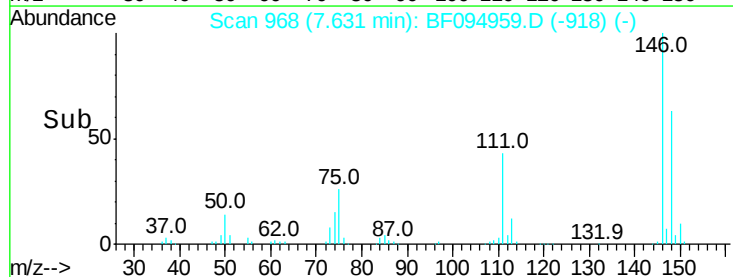
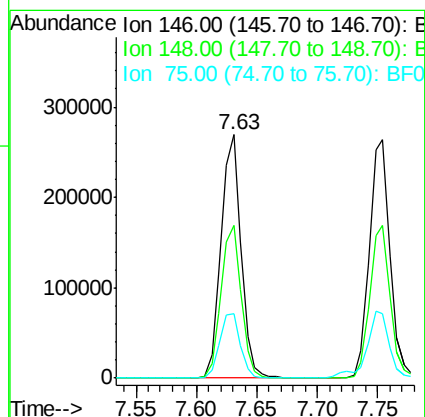
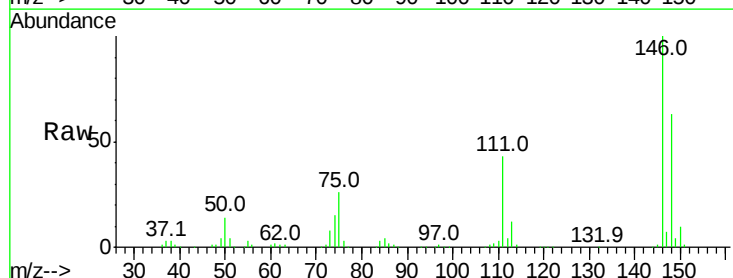
Instrument :
BNA_F
ClientSampleId :

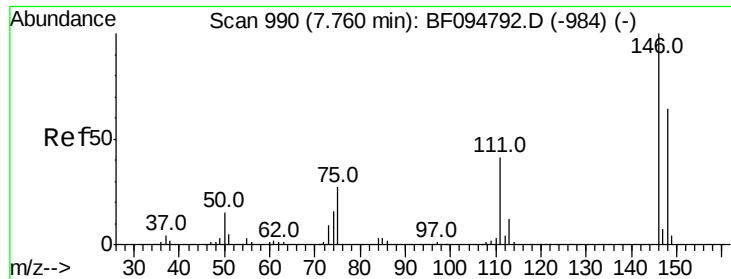
Tot Ion: 93 Resp: 255212
Ion Ratio Lower Upper
93 100
63 71.2 59.2 99.2
95 33.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 45.79 ng
RT: 7.63 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF094959.D
Acq: 6 May 2017 14:02

Tgt Ion: 146 Resp: 305533
Ion Ratio Lower Upper
146 100
148 62.7 51.8 77.6
75 26.5 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 46.29 ng

RT: 7.75 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

Instrument :

BNA_F

ClientSampleId :

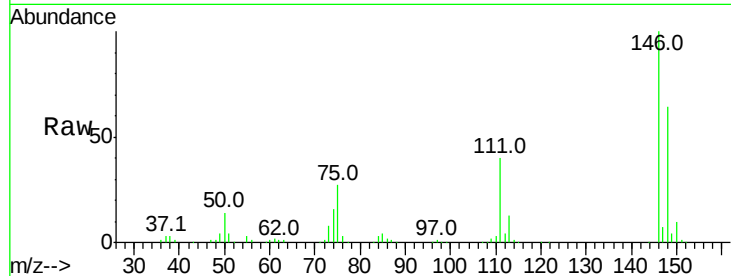
Tot Ion:146 Resp: 313234

Ion Ratio Lower Upper

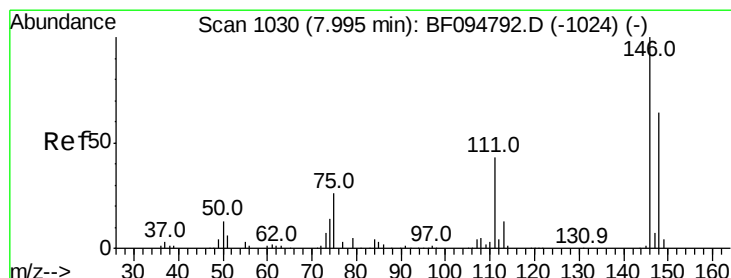
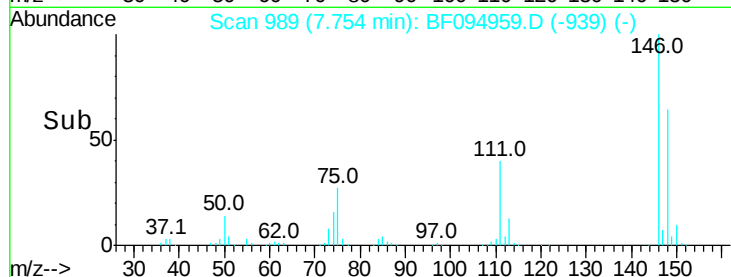
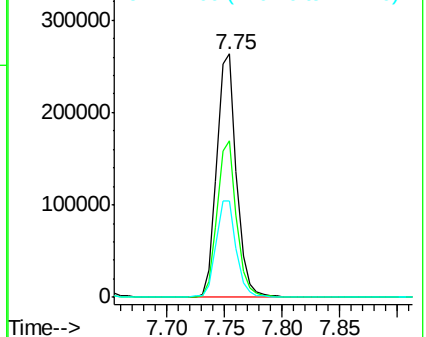
146 100

148 64.1 52.2 78.2

111 39.7 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: 47.11 ng

RT: 7.98 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

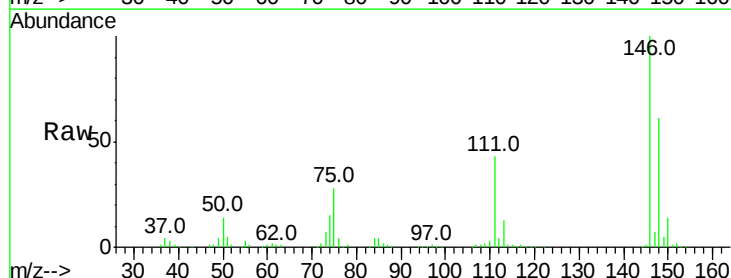
Tgt Ion:146 Resp: 297530

Ion Ratio Lower Upper

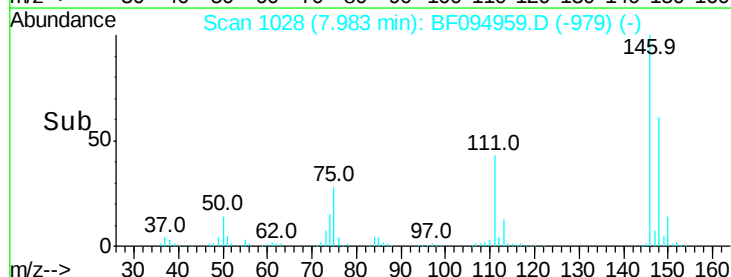
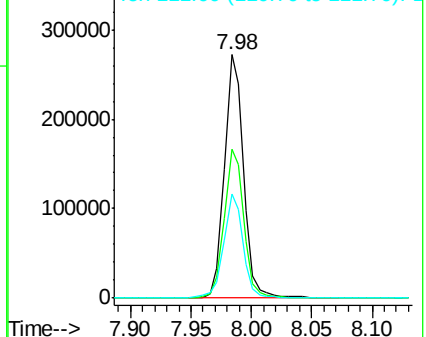
146 100

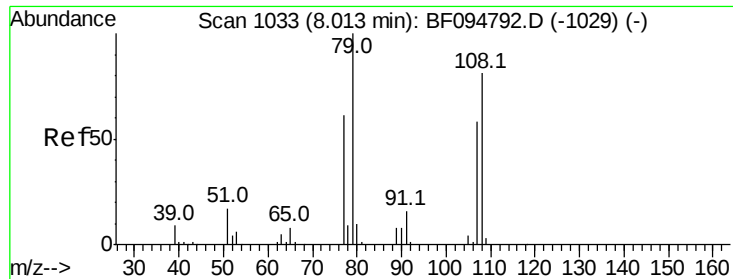
148 61.3 50.4 75.6

111 42.7 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

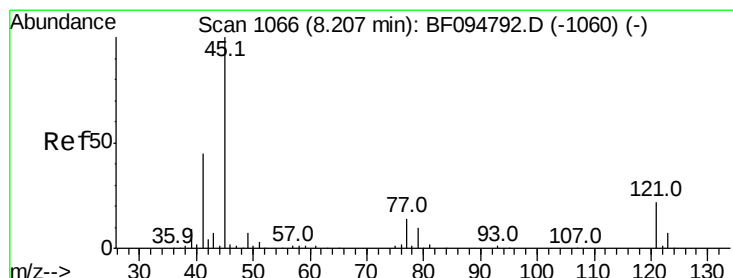
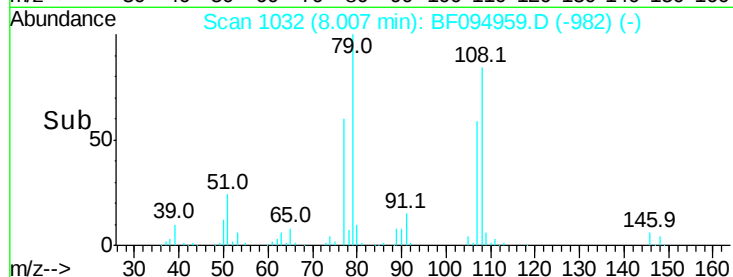
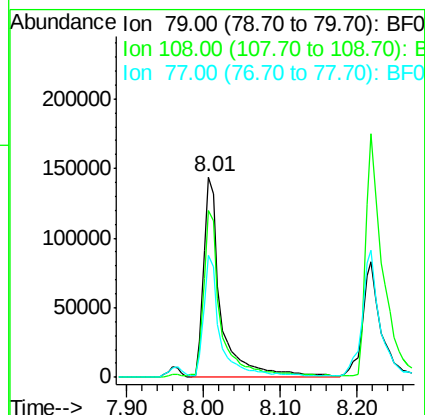
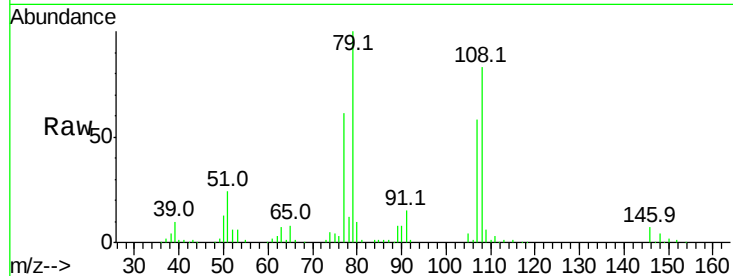




#15
Benzyl Alcohol
Concen: 57.77 ng
RT: 8.01 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF094959.D
Acq: 6 May 2017 14:02

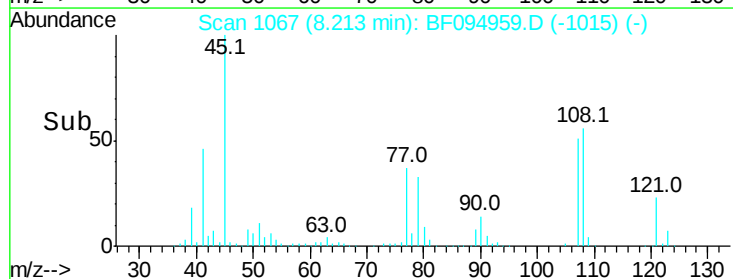
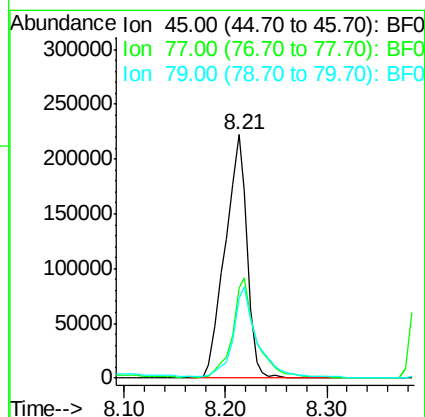
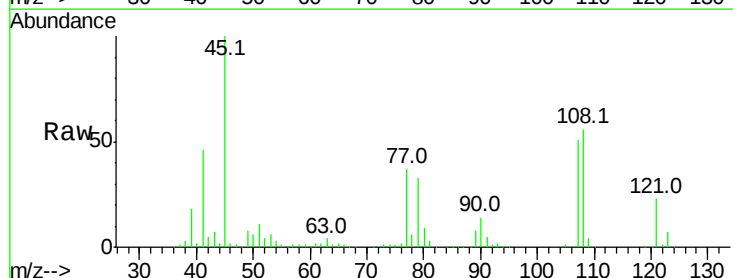
Instrument :
BNA_F
ClientSampled :

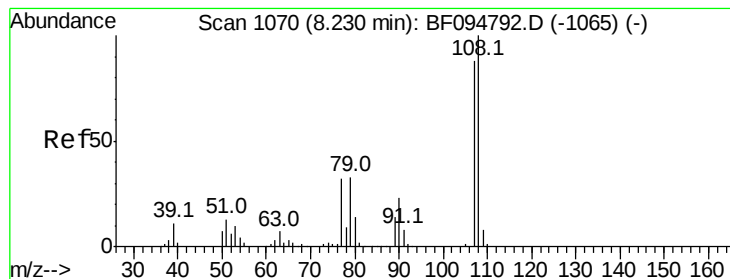
Tot Ion: 79 Resp: 230374
Ion Ratio Lower Upper
79 100
108 83.3 63.4 95.0
77 60.7 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.68 ng
RT: 8.21 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BF094959.D
Acq: 6 May 2017 14:02

Tgt Ion: 45 Resp: 333488
Ion Ratio Lower Upper
45 100
77 37.0 0.0 33.2#
79 33.0 0.0 30.0#





#17

2-Methylphenol

Concen: 48.72 ng

RT: 8.22 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 234497

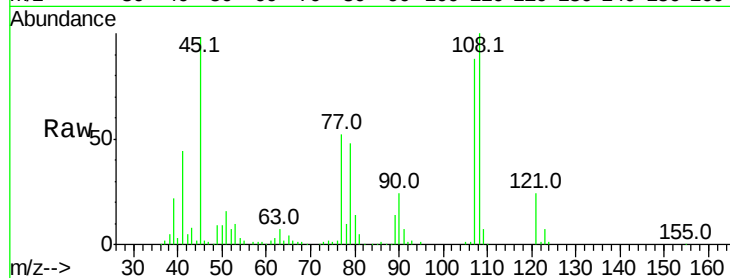
Ion Ratio Lower Upper

107 100

108 113.8 93.4 140.0

77 59.7 35.8 53.6#

79 54.1 34.8 52.2#

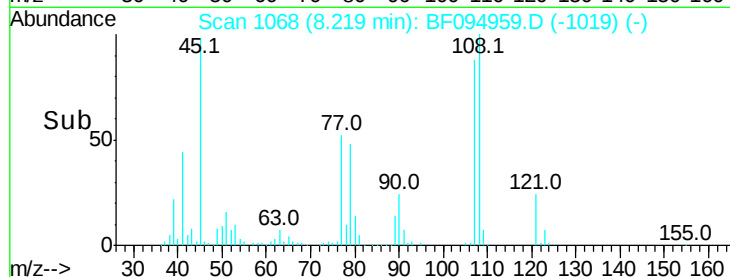


Abundance Ion 107.00 (106.70 to 107.70): E

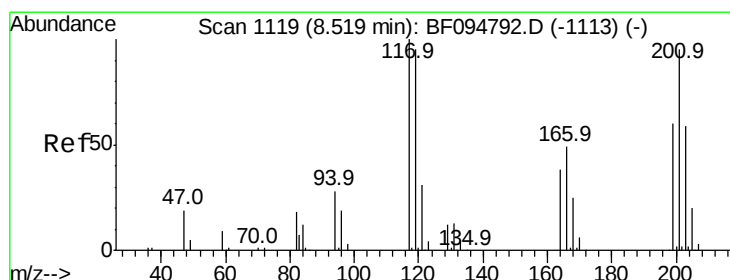
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 44.89 ng

RT: 8.50 min Scan# 1116

Delta R.T. -0.02 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

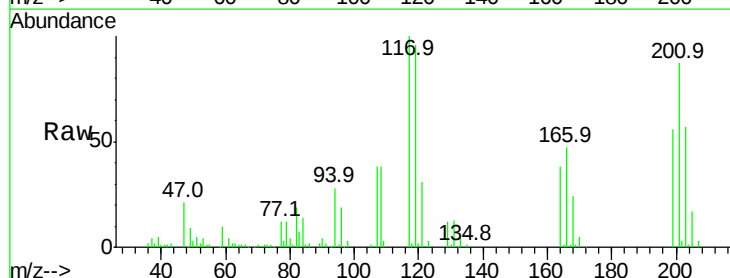
Tgt Ion:117 Resp: 102897

Ion Ratio Lower Upper

117 100

119 95.7 77.4 116.0

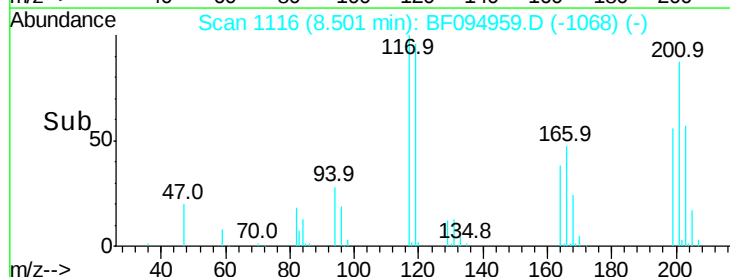
201 86.9 94.6 141.8#



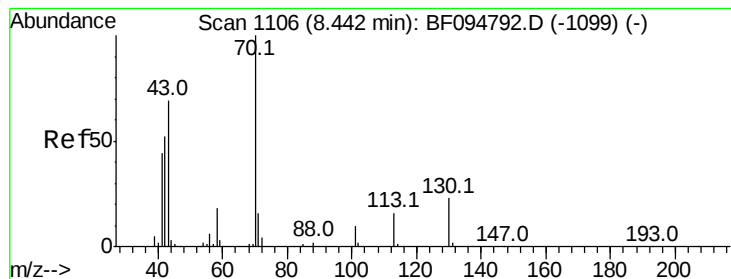
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 48.27 ng

RT: 8.44 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 202401

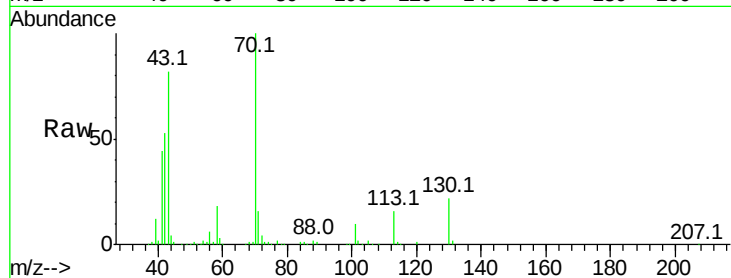
Ion Ratio Lower Upper

70 100

42 53.5 47.2 70.8

101 10.0 7.2 10.8

130 21.8 15.9 23.9

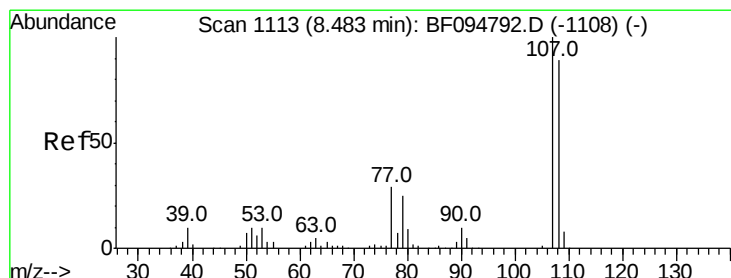
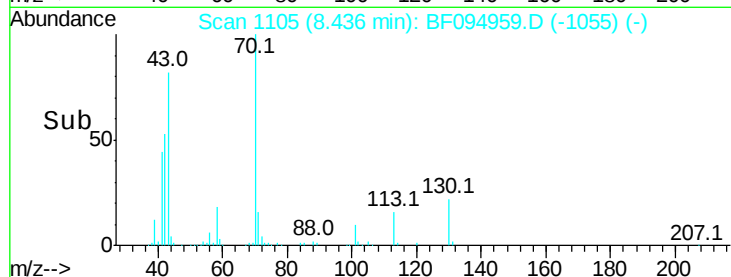
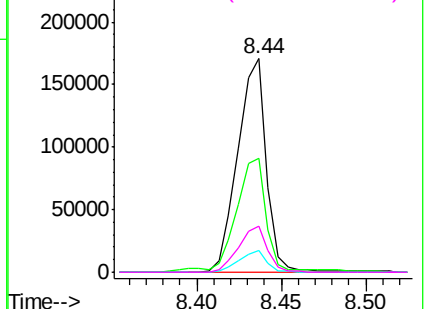


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 48.90 ng

RT: 8.47 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

Tgt Ion:107 Resp: 319841

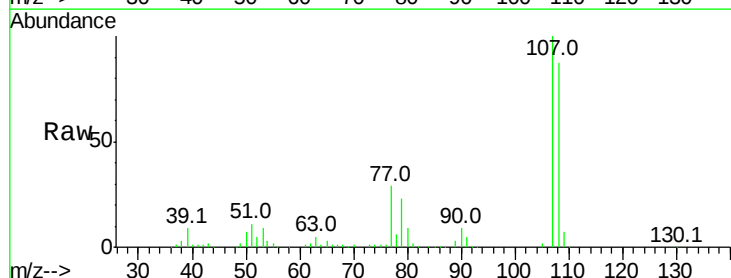
Ion Ratio Lower Upper

107 100

108 87.1 71.0 111.0

77 28.6 90.5 130.5#

79 22.8 8.4 48.4

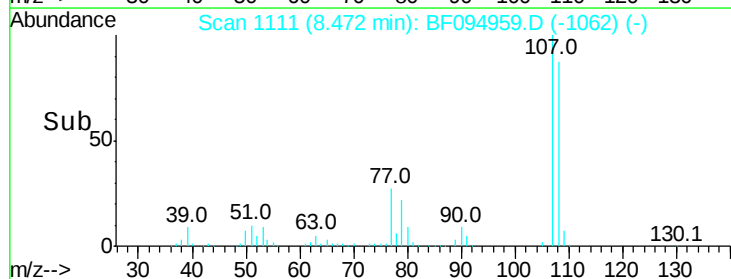
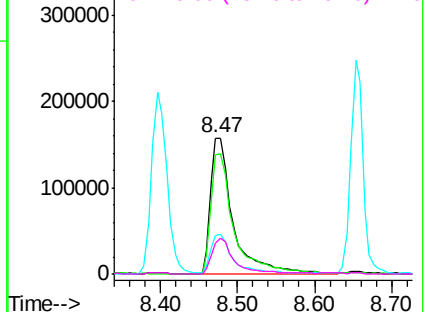


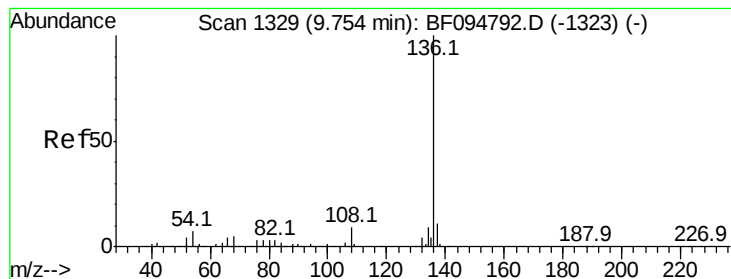
Abundance Ion 107.00 (106.70 to 107.70): BF0

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: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 350438

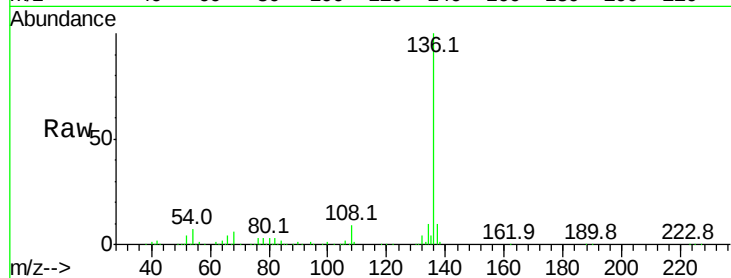
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 6.8 4.9 7.3

68 5.6 4.1 6.1

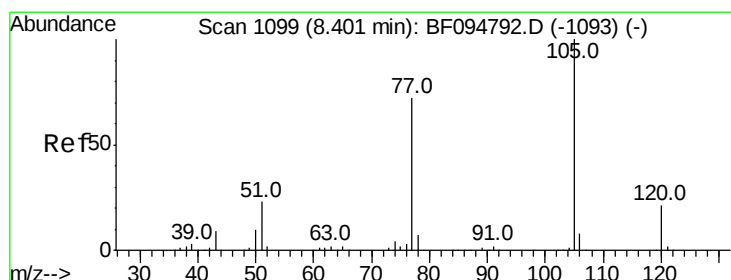
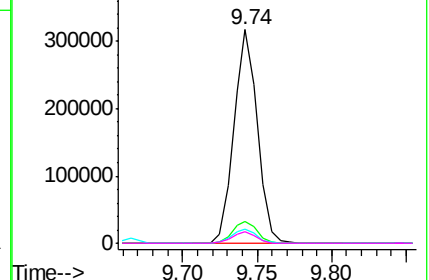
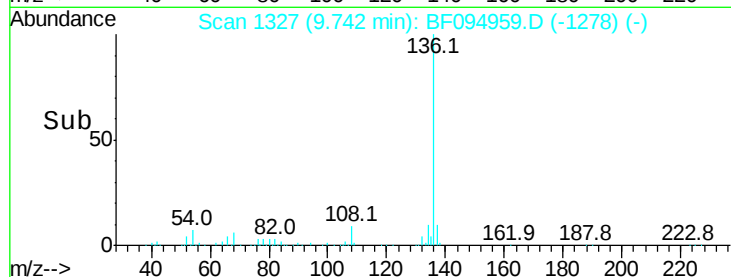


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.62 ng

RT: 8.40 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

Tgt Ion:105 Resp: 408771

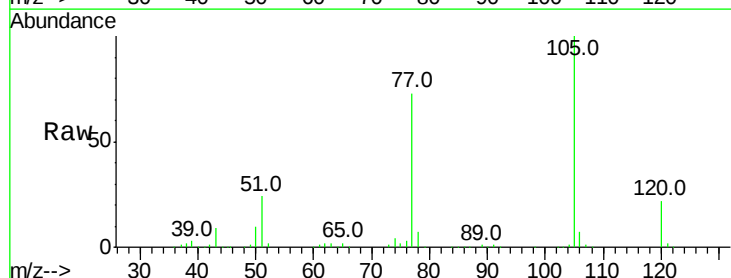
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.6 30.7 46.1#

120 22.1 17.4 26.0

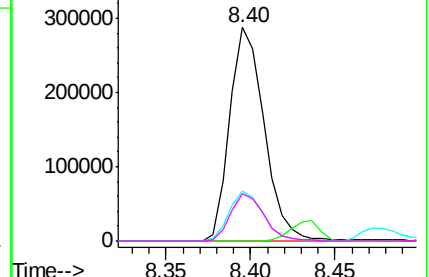
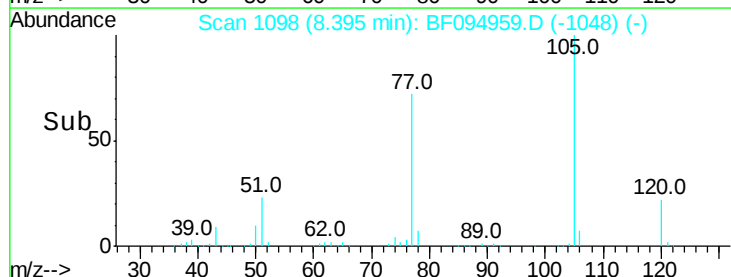


Abundance Ion 105.00 (104.70 to 105.70): E

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

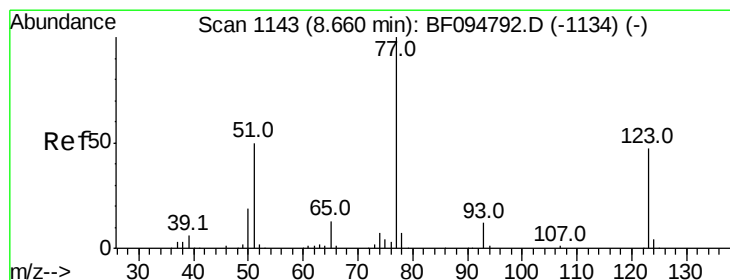
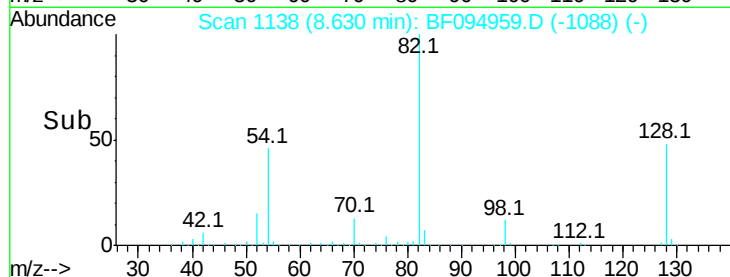
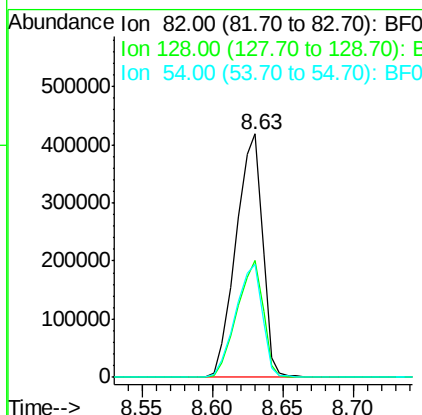
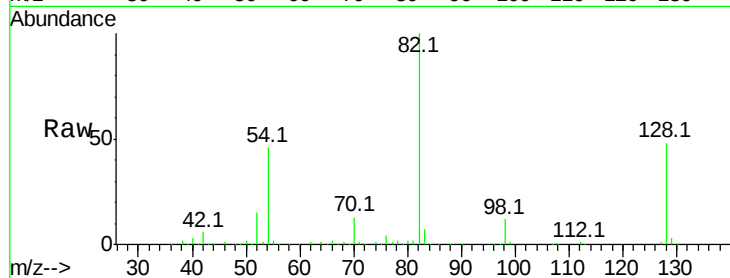




#23
 Nitrobenzene-d5
 Concen: 99.17 ng
 RT: 8.63 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

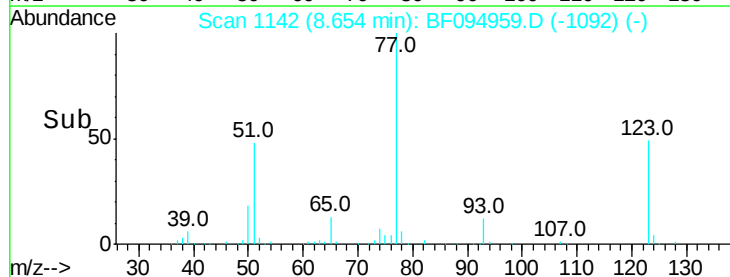
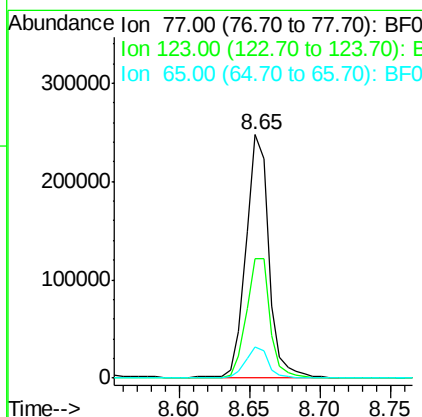
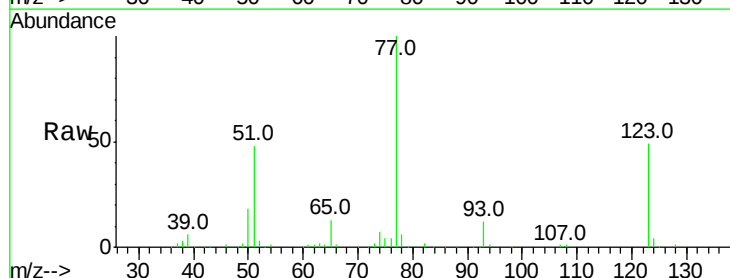
Instrument :
 BNA_F
 ClientSampleId :

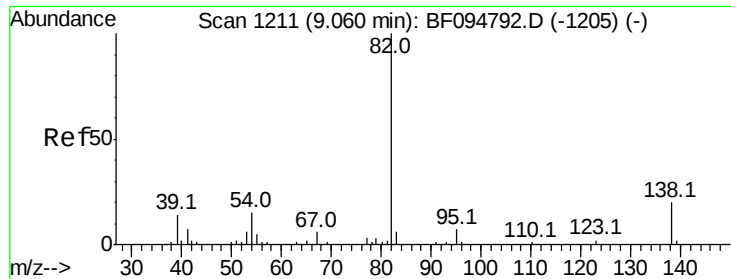
Tot Ion: 82 Resp: 551110
 Ion Ratio Lower Upper
 82 100
 128 47.8 34.0 51.0
 54 46.2 42.2 63.2



#24
 Nitrobenzene
 Concen: 47.80 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

Tgt Ion: 77 Resp: 278418
 Ion Ratio Lower Upper
 77 100
 123 49.3 35.8 53.8
 65 12.5 10.6 15.8





#25

Isophorone

Concen: 52.36 ng

RT: 9.05 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

Instrument :

BNA_F

ClientSampleId :

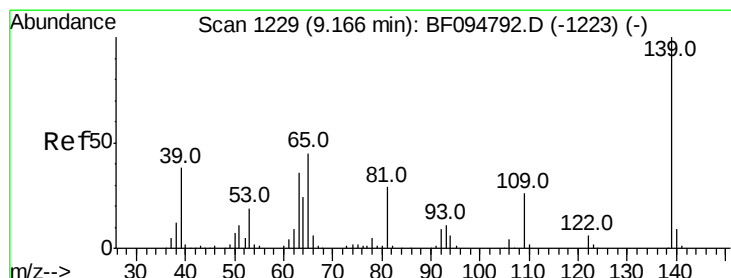
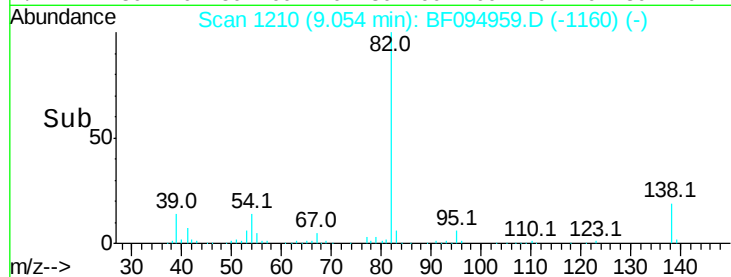
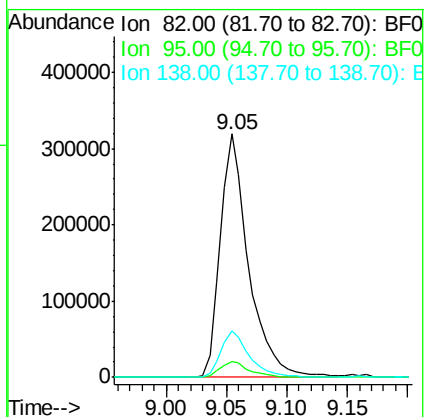
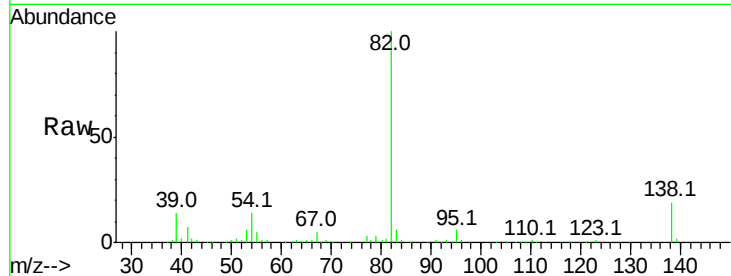
Tot Ion: 82 Resp: 519563

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 18.9 13.1 19.7



#26

2-Nitrophenol

Concen: 51.73 ng

RT: 9.16 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

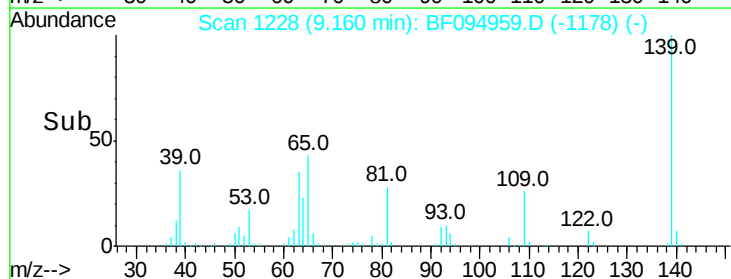
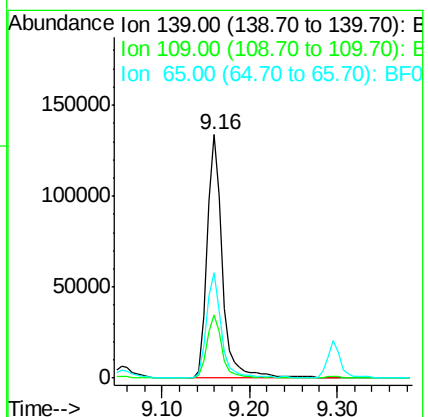
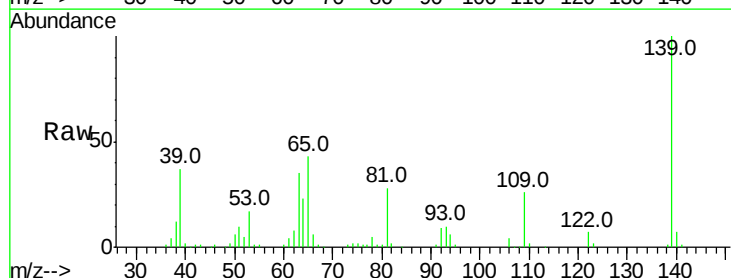
Tgt Ion: 139 Resp: 162602

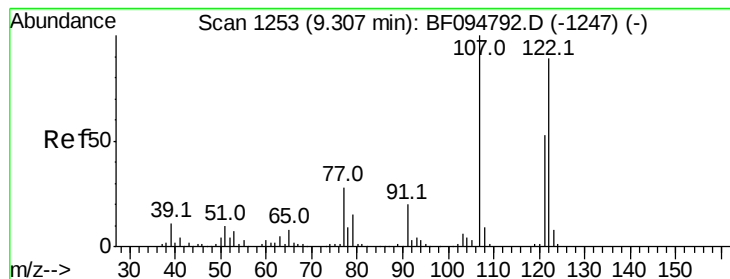
Ion Ratio Lower Upper

139 100

109 25.8 21.0 31.6

65 43.4 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 50.64 ng

RT: 9.30 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

Instrument :

BNA_F

ClientSampleId :

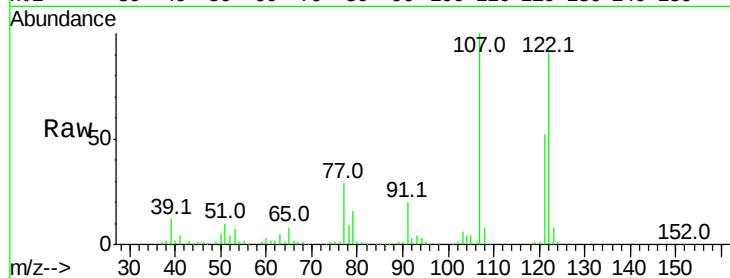
Tot Ion:122 Resp: 257330

Ion Ratio Lower Upper

122 100

107 110.5 89.2 133.8

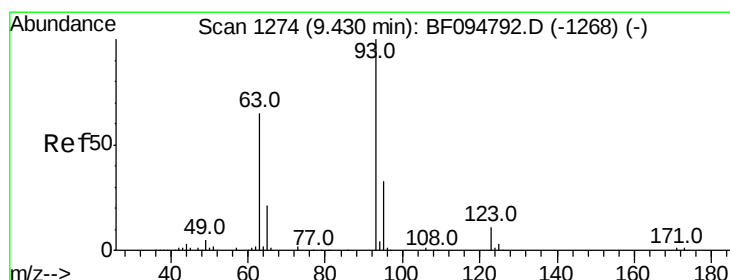
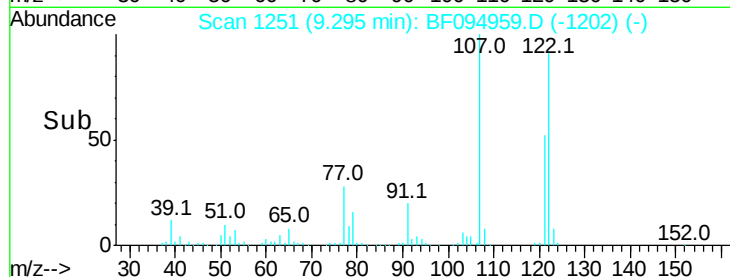
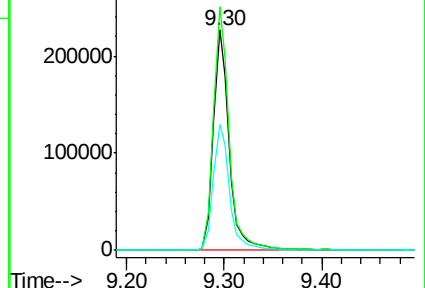
121 57.4 45.2 67.8



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: 48.06 ng

RT: 9.42 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

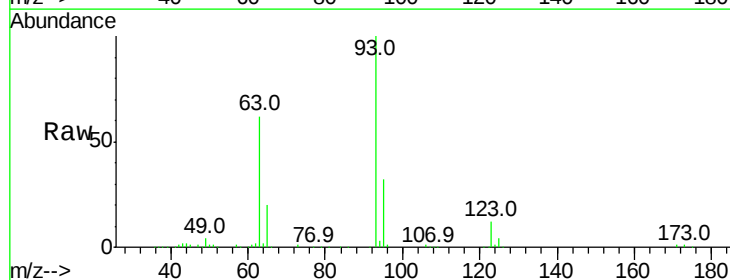
Tgt Ion: 93 Resp: 329902

Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

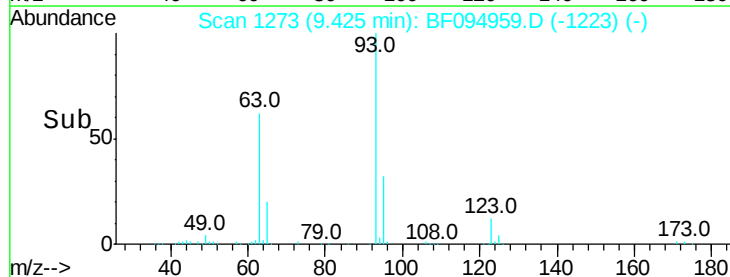
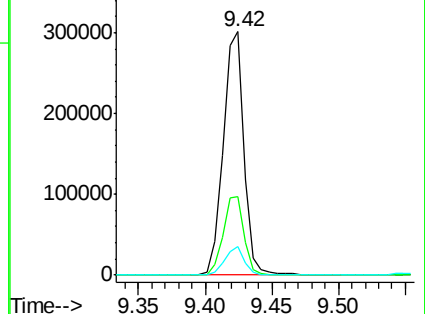
123 11.9 9.0 13.4

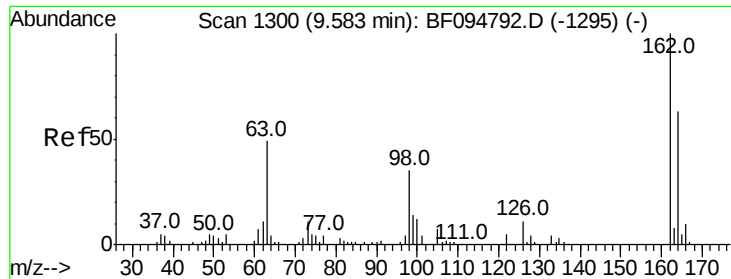


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

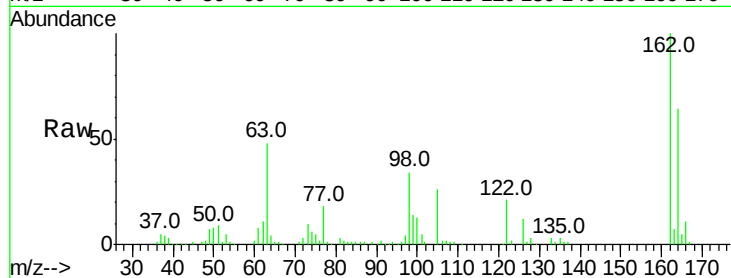




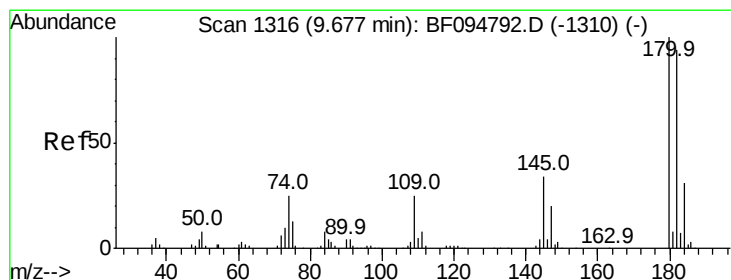
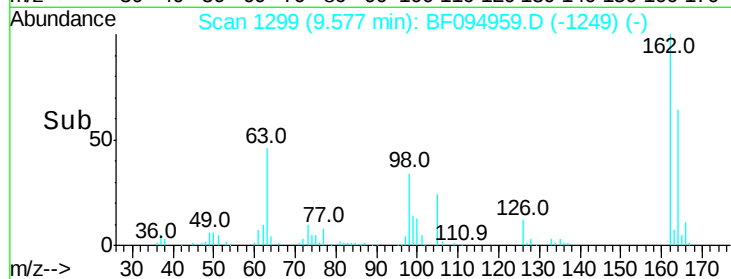
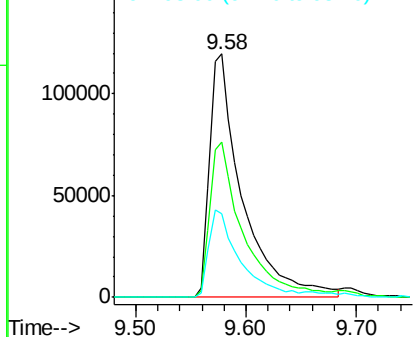
#29
 2,4-Dichlorophenol
 Concen: 50.84 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.6	84.6
98	34.2	14.8	54.8

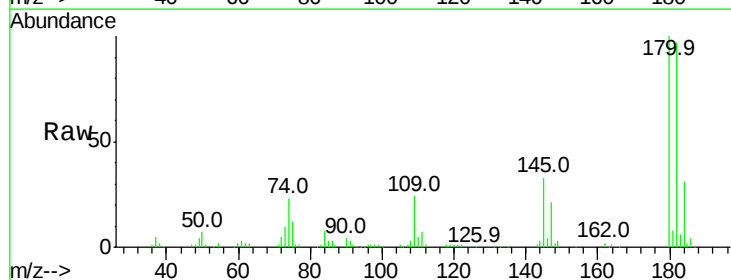


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

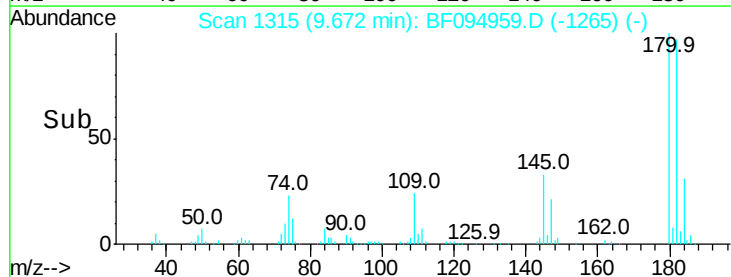
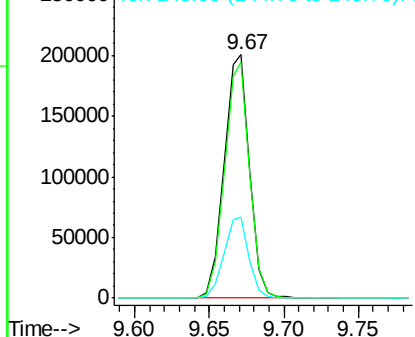


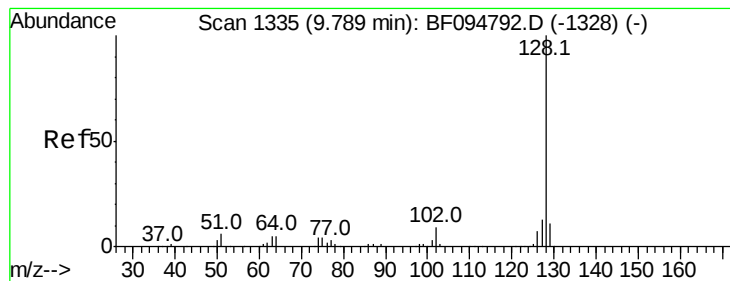
#30
 1,2,4-Trichlorobenzene
 Concen: 46.70 ng
 RT: 9.67 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.8	113.6
145	33.1	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: 46.52 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

Instrument :

BNA_F

ClientSampleId :

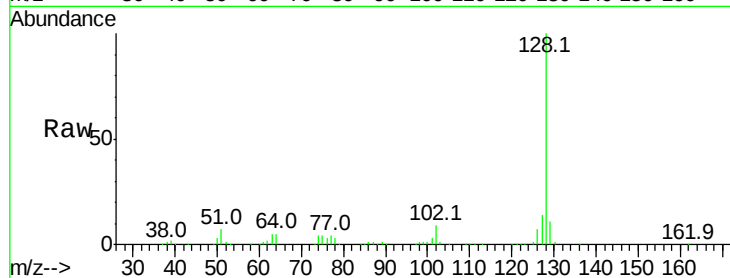
Tot Ion:128 Resp: 819381

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

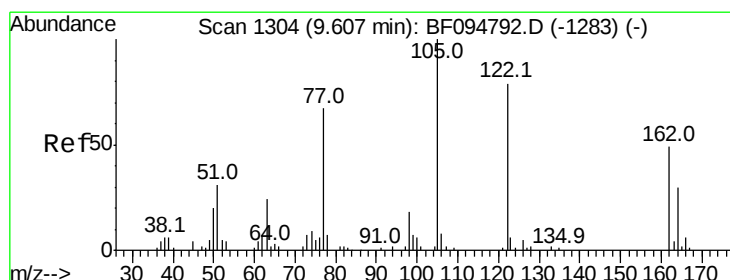
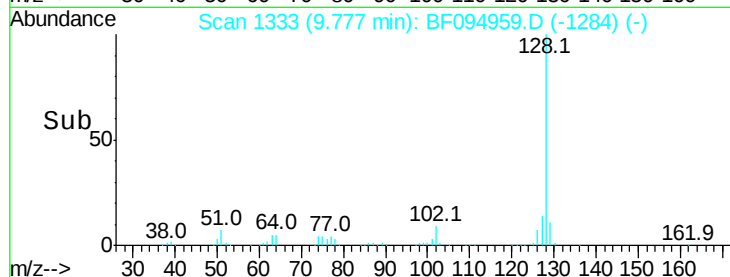
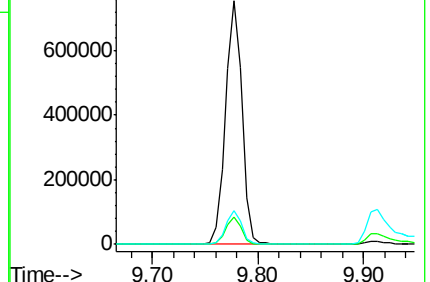
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.26 ng

RT: 9.58 min Scan# 1299

Delta R.T. -0.03 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

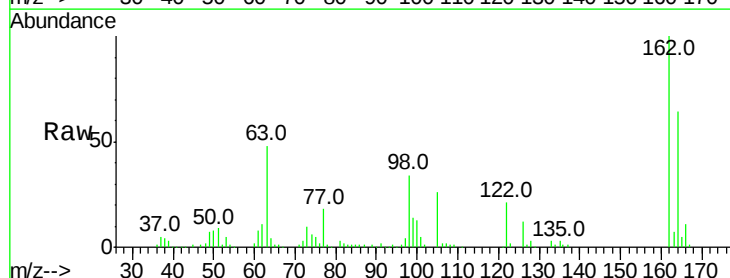
Tgt Ion:122 Resp: 79034

Ion Ratio Lower Upper

122 100

105 122.8 103.3 143.3

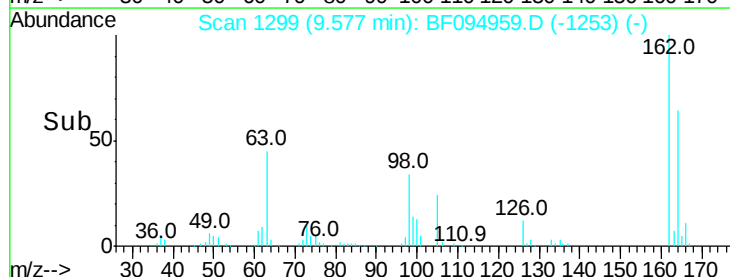
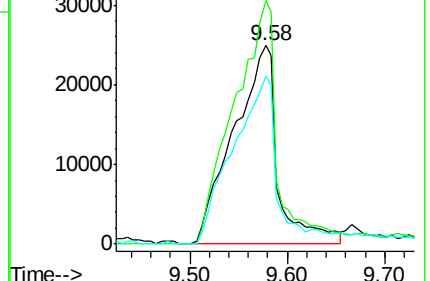
77 84.8 73.7 113.7

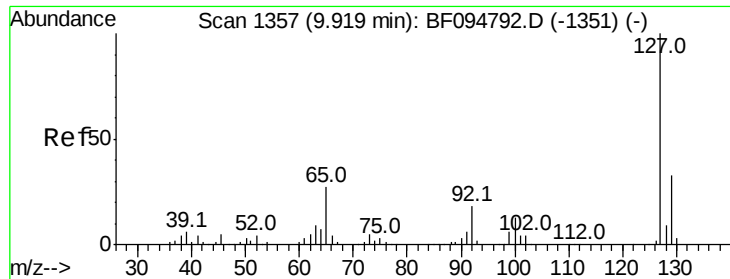


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

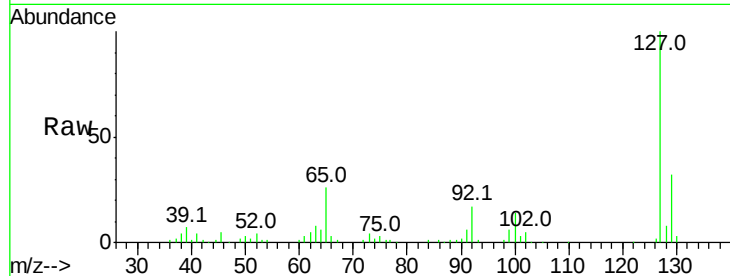




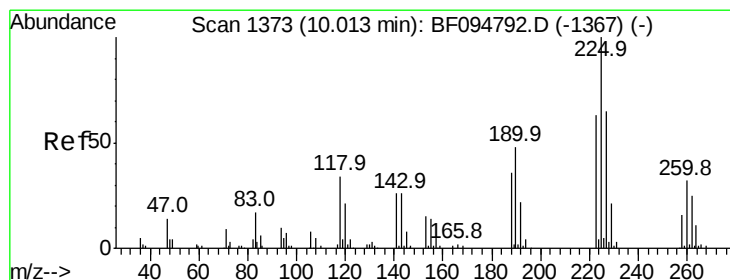
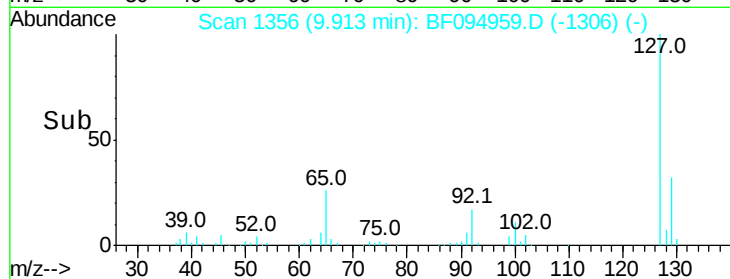
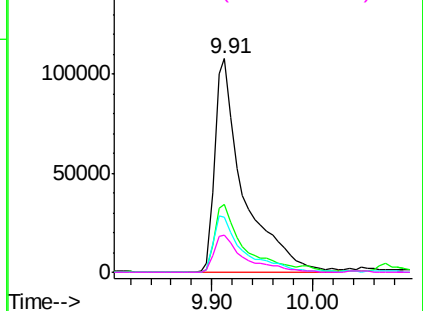
#33
4-Chloroaniline
Concen: 32.40 ng
RT: 9.91 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF094959.D
Acq: 6 May 2017 14:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	212692
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.2
65	25.8	27.8	41.8#
92	17.5	16.8	25.2

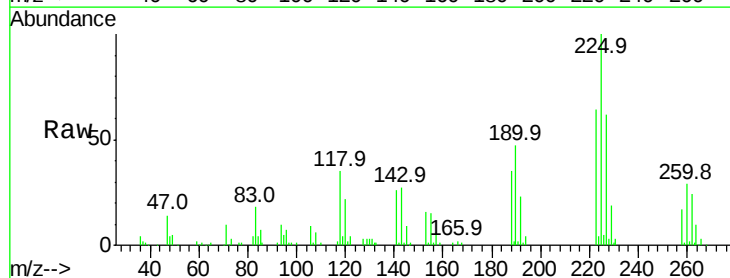


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

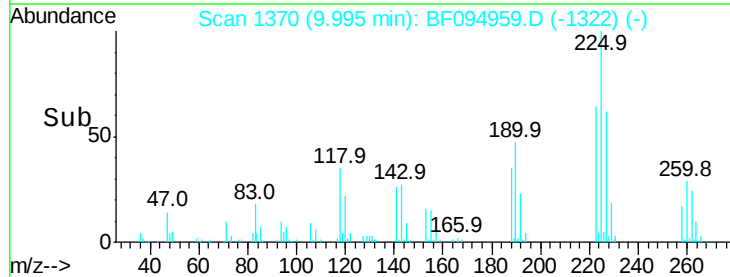
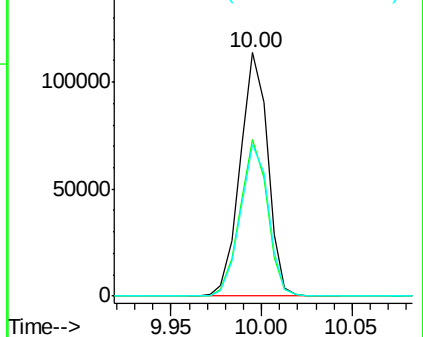


#34
Hexachlorobutadiene
Concen: 44.38 ng
RT: 10.00 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF094959.D
Acq: 6 May 2017 14:02

Tgt Ion:	225	Resp:	120381
Ion	Ratio	Lower	Upper
225	100		
223	64.1	48.8	73.2
227	62.2	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

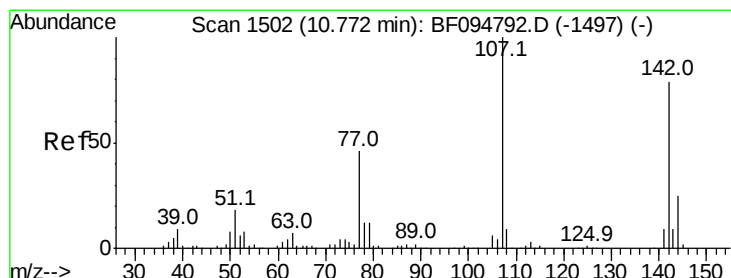
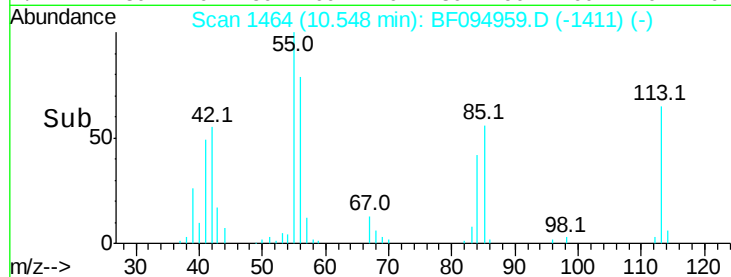
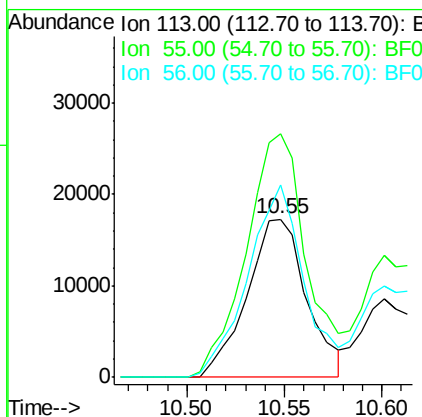
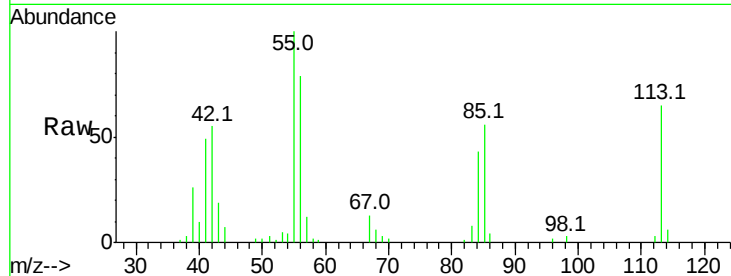




#35
 Caprolactam
 Concen: 25.38 ng
 RT: 10.55 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

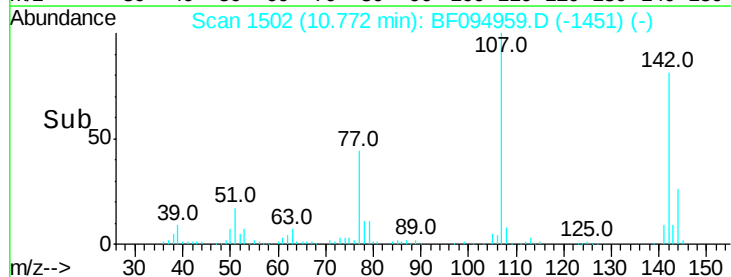
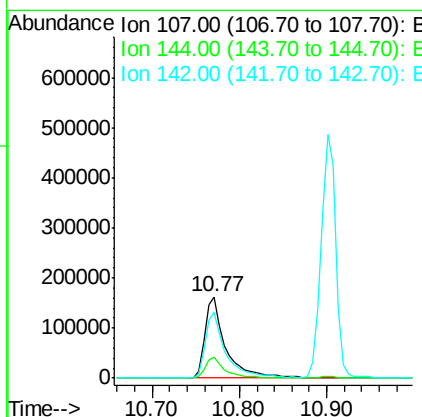
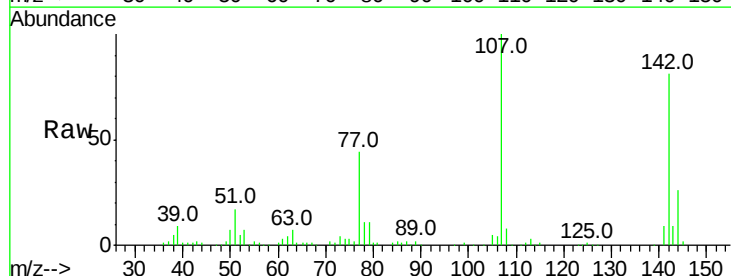
Instrument :
 BNA_F
 ClientSampleId :

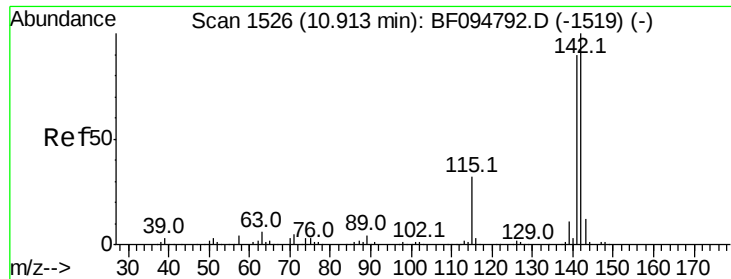
Tot Ion:113 Resp: 36566
 Ion Ratio Lower Upper
 113 100
 55 153.8 150.2 190.2
 56 121.5 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 51.55 ng
 RT: 10.77 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

Tgt Ion:107 Resp: 264467
 Ion Ratio Lower Upper
 107 100
 144 25.6 24.2 36.4
 142 81.0 73.4 110.0

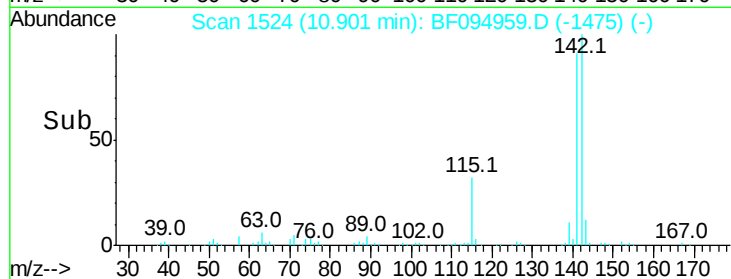
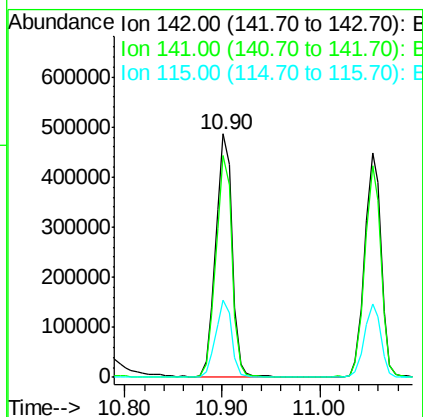
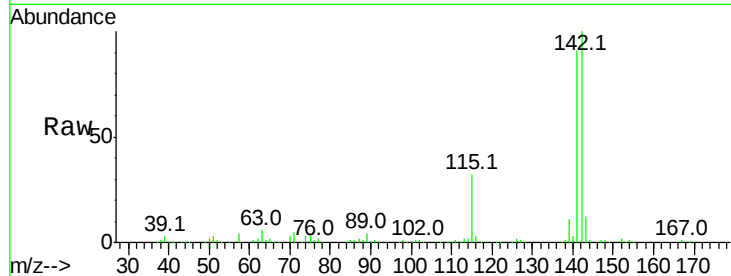




#37
 2-Methylnaphthalene
 Concen: 49.32 ng
 RT: 10.90 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

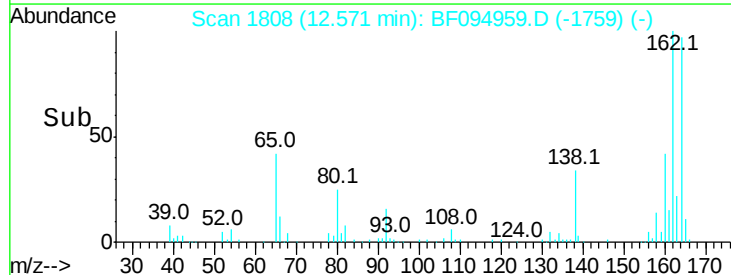
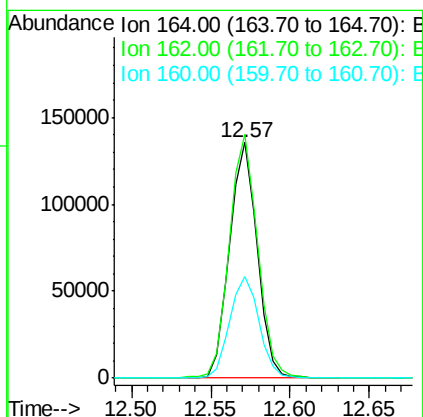
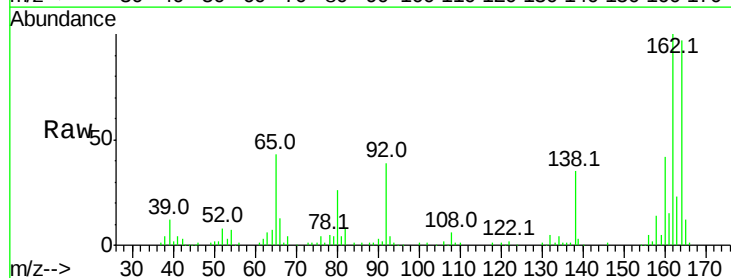
Instrument :
 BNA_F
 ClientSampleId :

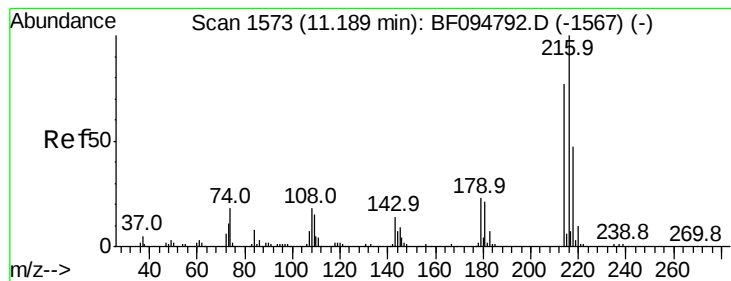
Tot Ion:142 Resp: 570143
 Ion Ratio Lower Upper
 142 100
 141 91.0 71.3 106.9
 115 31.9 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

Tgt Ion:164 Resp: 163793
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.6 123.8
 160 43.2 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.95 ng

RT: 11.18 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 226426

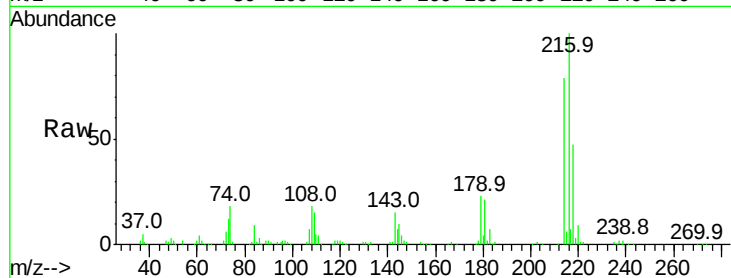
Ion Ratio Lower Upper

216 100

214 77.9 63.4 95.2

179 22.0 17.9 26.9

108 19.9 16.5 24.7

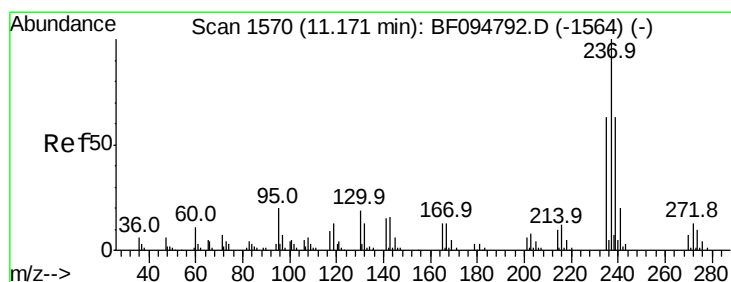
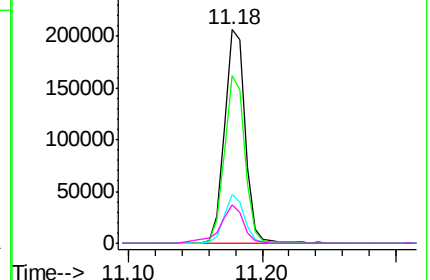
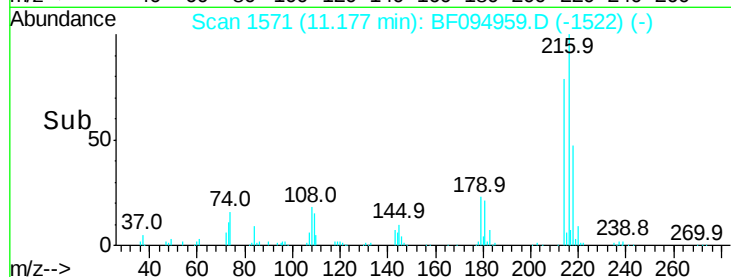


Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.99 ng

RT: 11.16 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

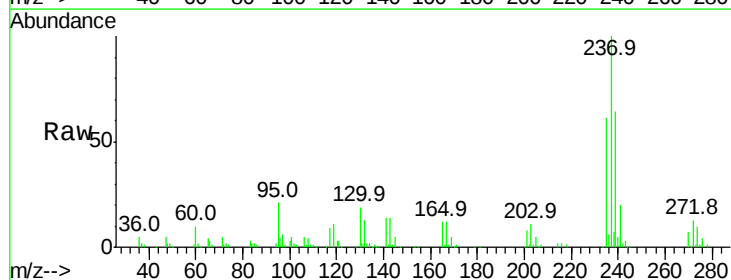
Tgt Ion:237 Resp: 160214

Ion Ratio Lower Upper

237 100

235 61.4 42.6 82.6

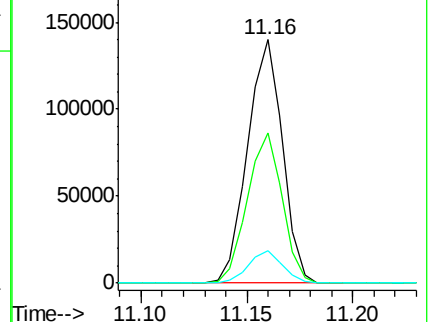
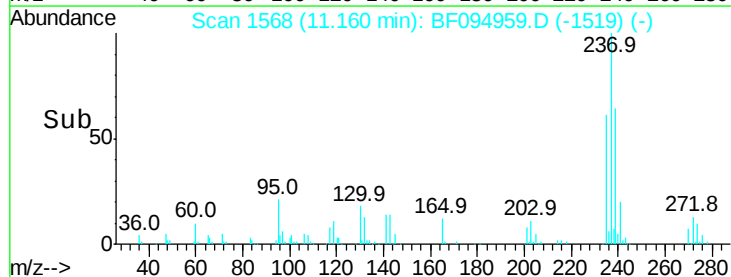
272 13.4 0.0 31.9



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

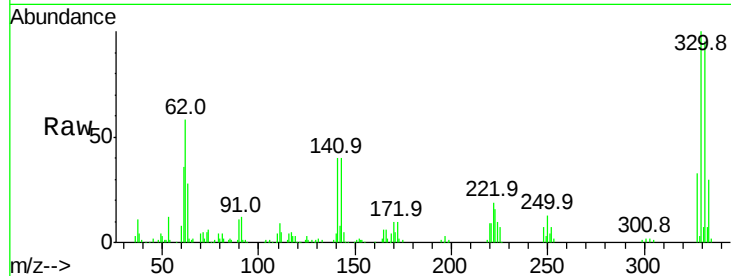




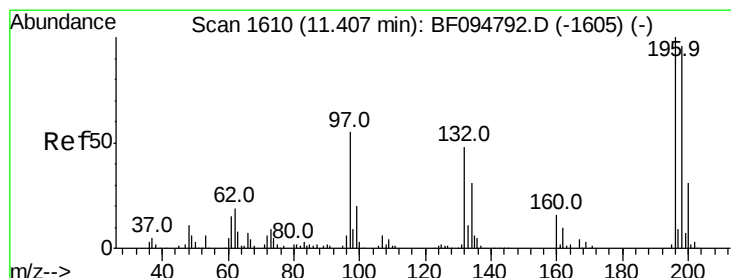
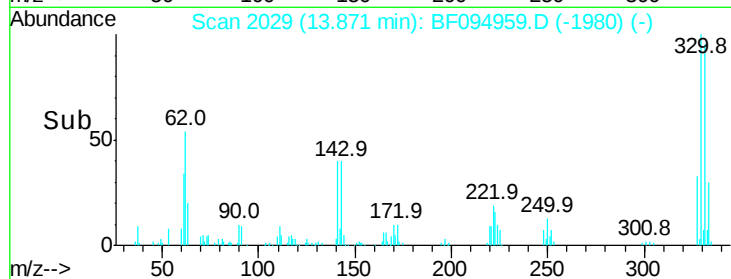
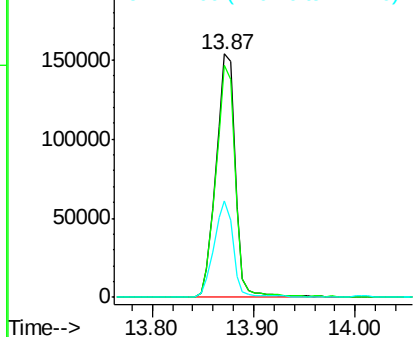
#41
 2,4,6-Tribromophenol
 Concen: 152.92 ng
 RT: 13.87 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	39.4	31.4	47.2

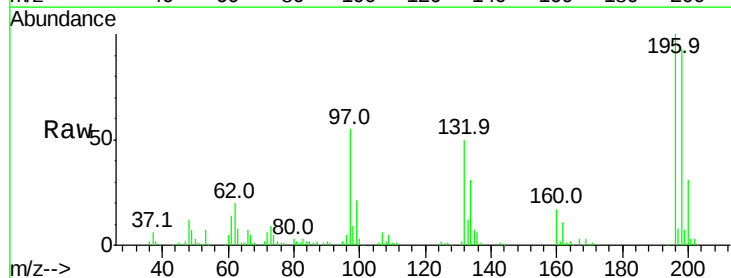


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

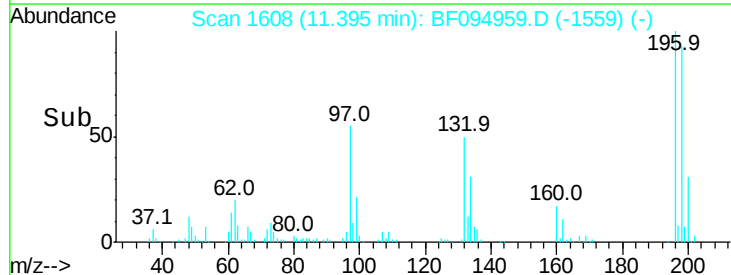
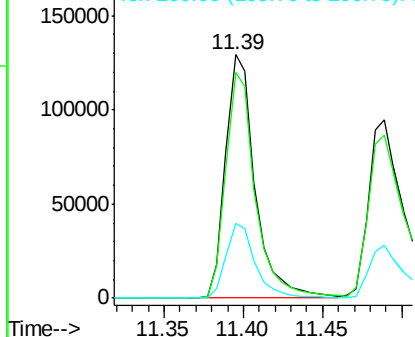


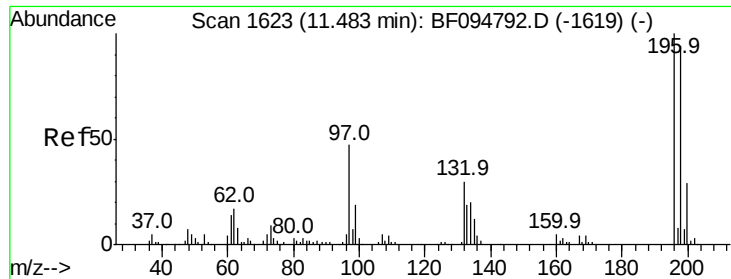
#42
 2,4,6-Trichlorophenol
 Concen: 49.84 ng
 RT: 11.39 min Scan# 1608
 Delta R.T. -0.01 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.8	74.2	111.4
200	30.7	24.0	36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

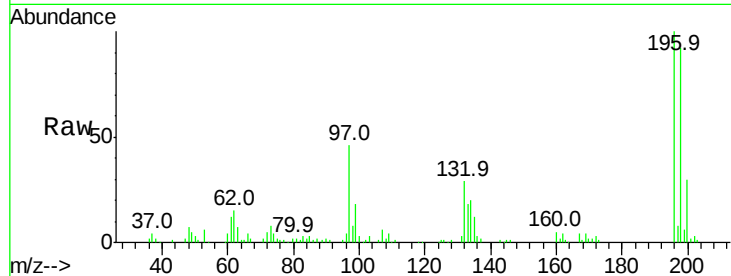




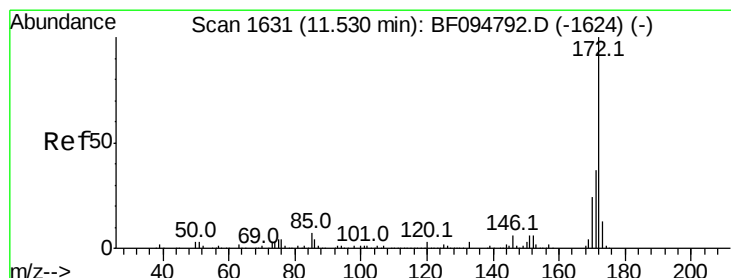
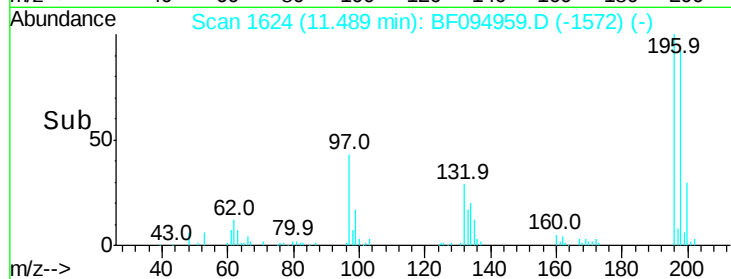
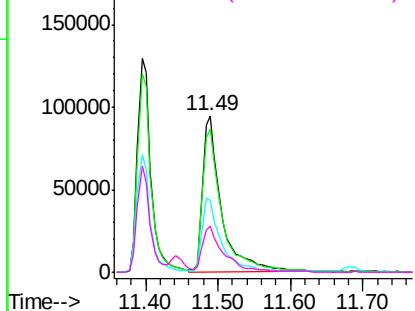
#43
 2,4,5-Trichlorophenol
 Concen: 47.06 ng
 RT: 11.49 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	91.6	75.7	113.5
97	45.7	47.7	71.5#
132	29.3	28.0	42.0

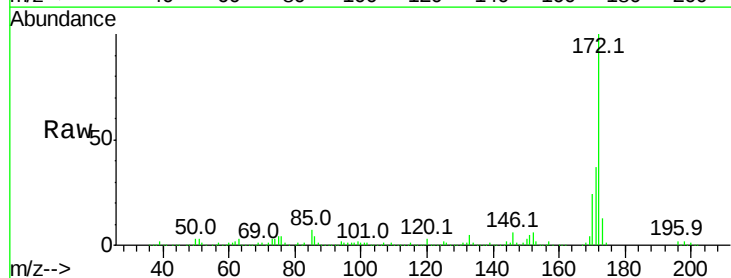


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

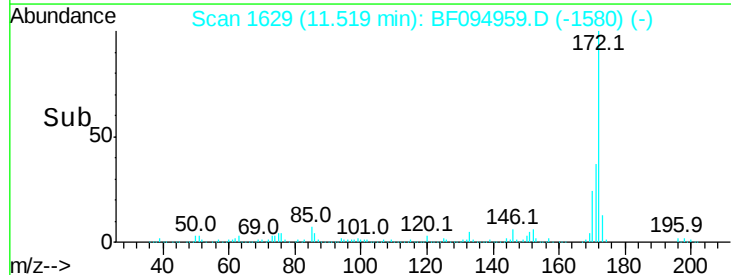
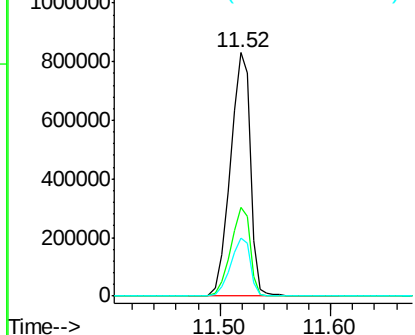


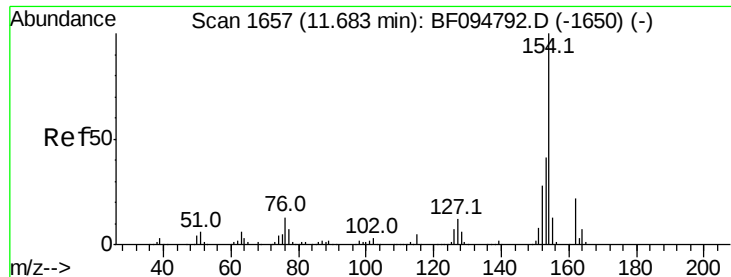
#44
 2-Fluorobiphenyl
 Concen: 93.03 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	23.8	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

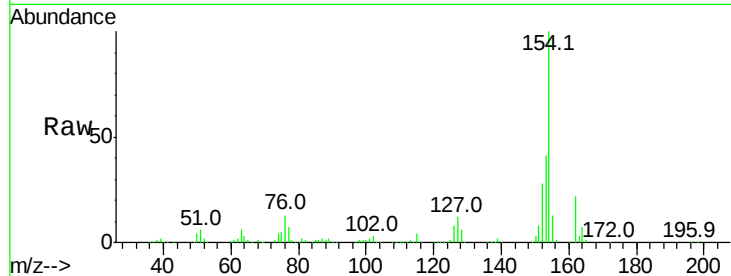




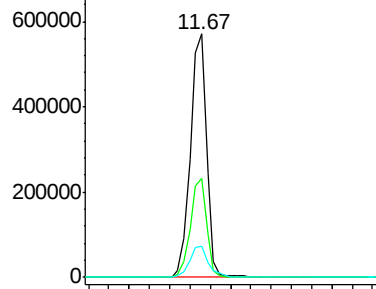
#45
 1,1'-Biphenyl
 Concen: 46.07 ng
 RT: 11.67 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

Instrument :
 BNA_F
 ClientSampleId :

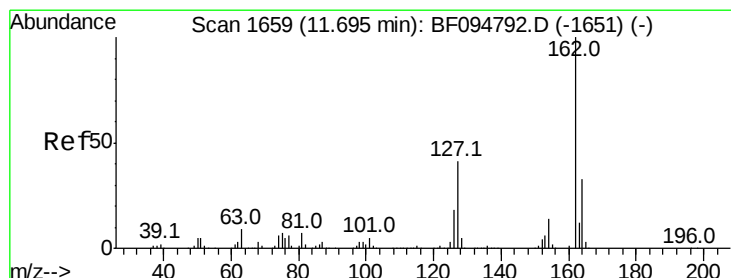
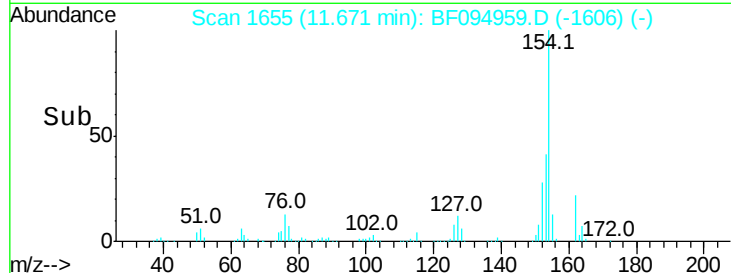
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.2	61.2
76	12.5	0.0	29.9



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

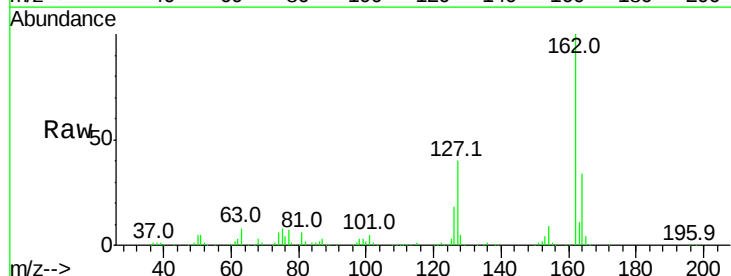


Time-->

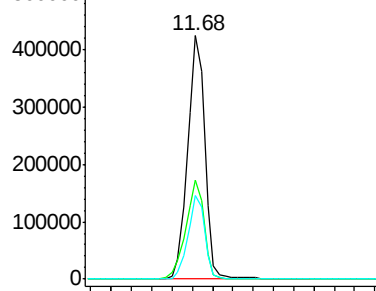


#46
 2-Chloronaphthalene
 Concen: 45.12 ng
 RT: 11.68 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

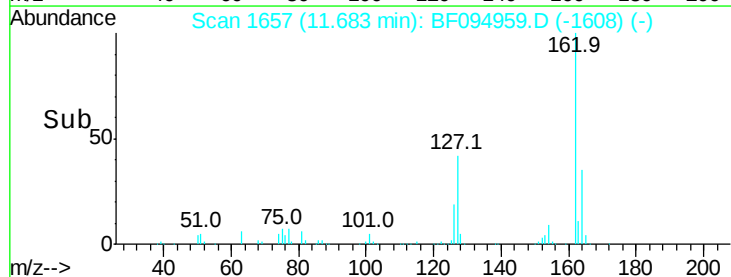
Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	28.3	42.5
164	34.1	27.0	40.4



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



Time-->

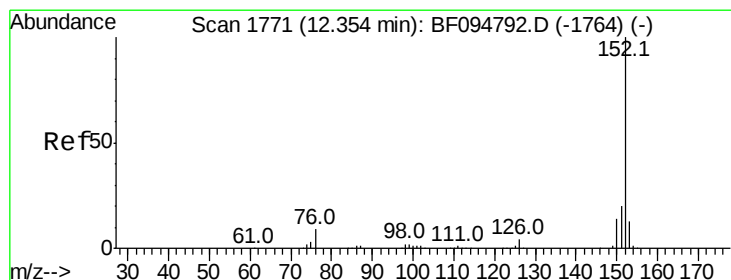
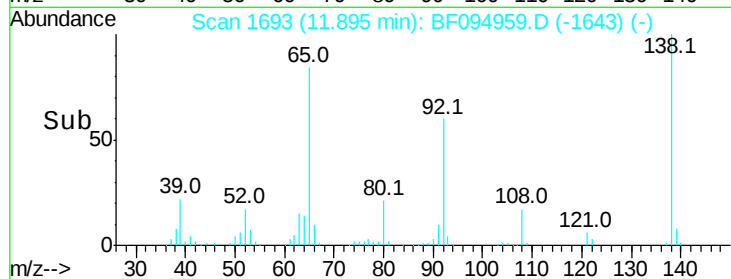
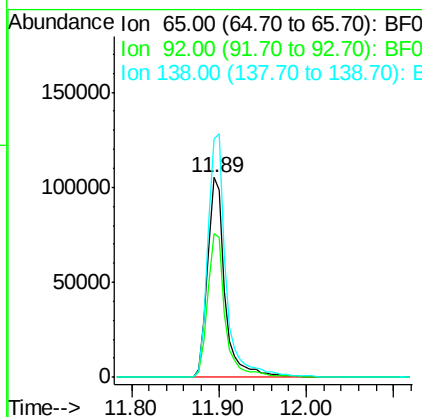
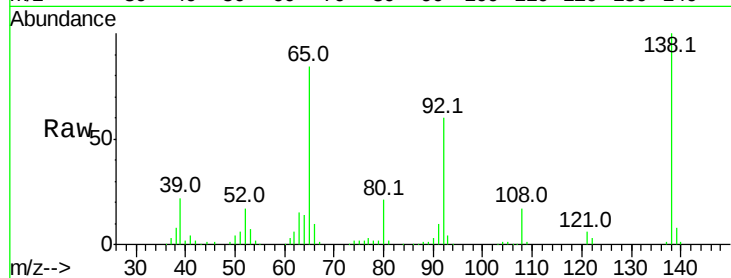




#47
 2-Nitroaniline
 Concen: 48.50 ng
 RT: 11.89 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

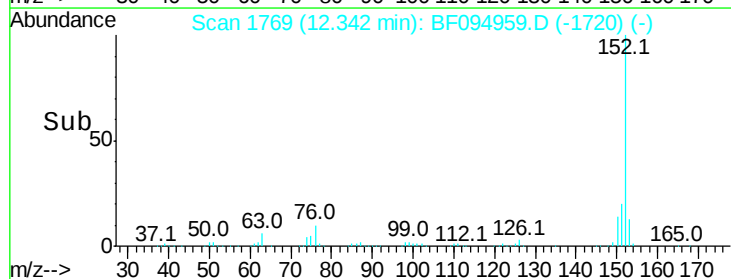
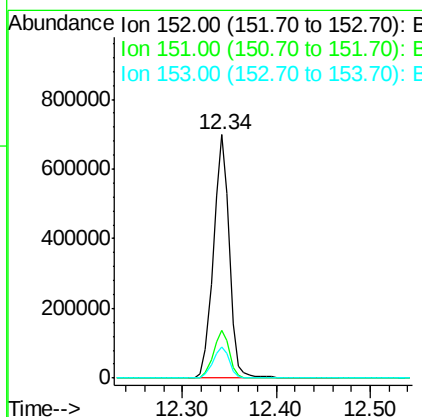
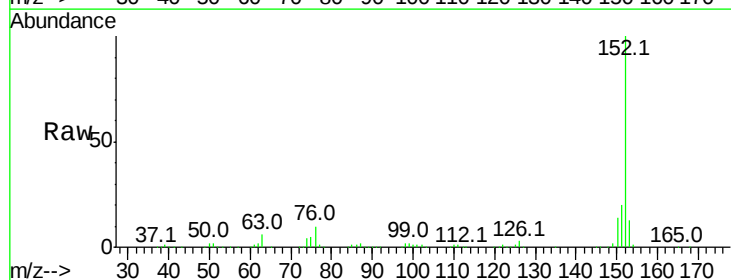
Instrument :
 BNA_F
 ClientSampled :

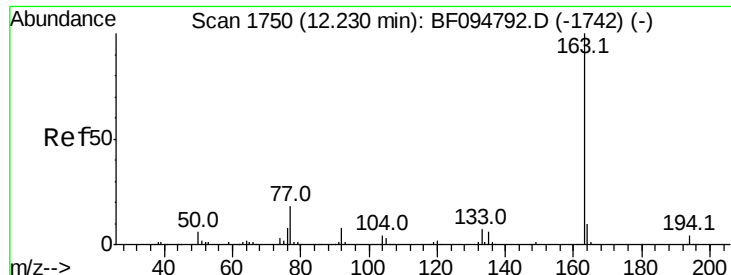
Tot Ion: 65 Resp: 147815
 Ion Ratio Lower Upper
 65 100
 92 71.7 53.9 80.9
 138 119.1 78.8 118.2#



#48
 Acenaphthylene
 Concen: 47.49 ng
 RT: 12.34 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

Tgt Ion:152 Resp: 828280
 Ion Ratio Lower Upper
 152 100
 151 19.9 16.8 25.2
 153 12.9 10.8 16.2





#49

Dimethylphthalate

Concen: 59.73 ng

RT: 12.22 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

Instrument :

BNA_F

ClientSampleId :

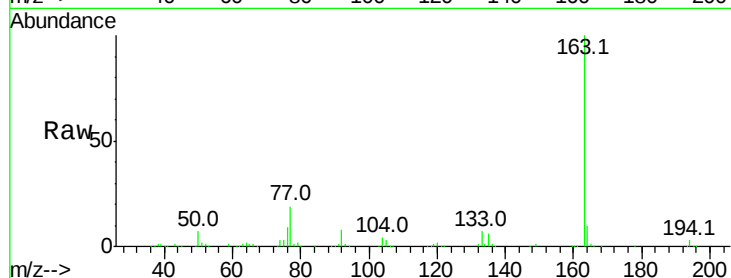
Tot Ion:163 Resp: 803096

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

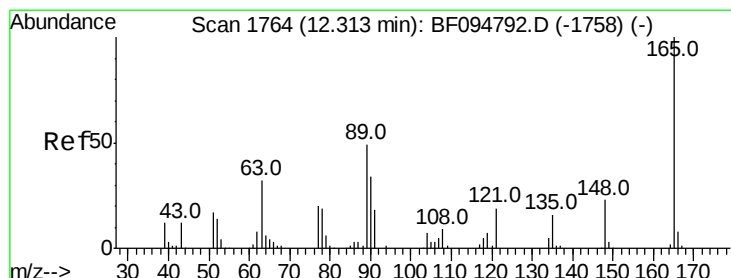
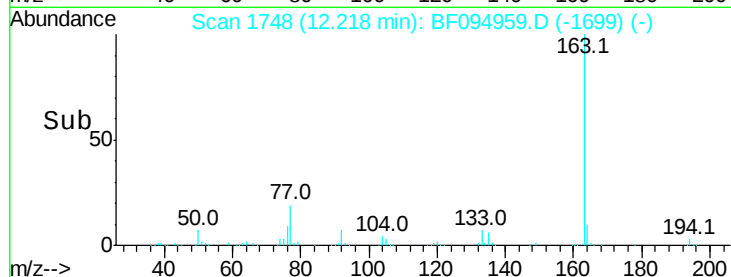
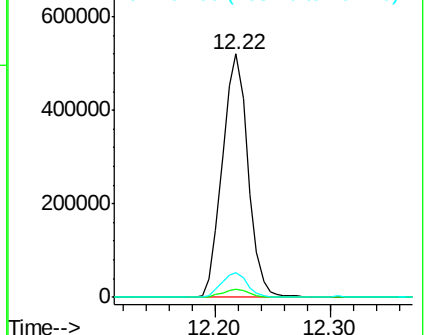
164 10.0 8.4 12.6



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: 50.29 ng

RT: 12.31 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

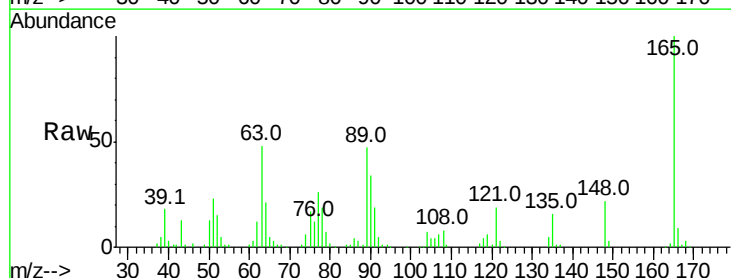
Tgt Ion:165 Resp: 137965

Ion Ratio Lower Upper

165 100

63 48.4 34.3 51.5

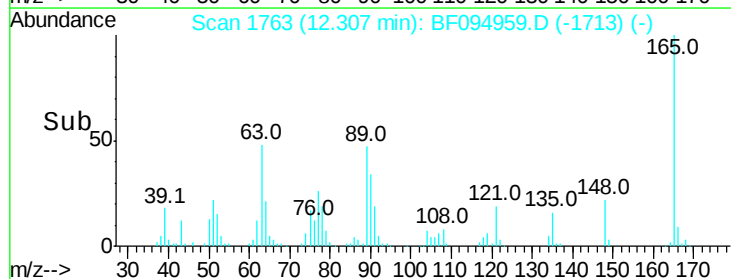
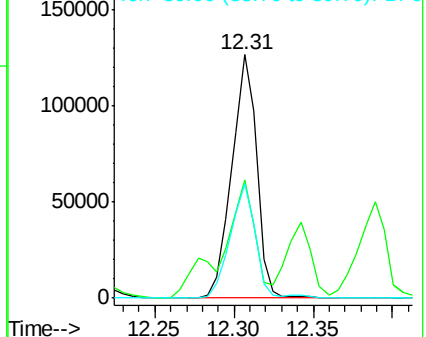
89 47.1 37.1 55.7

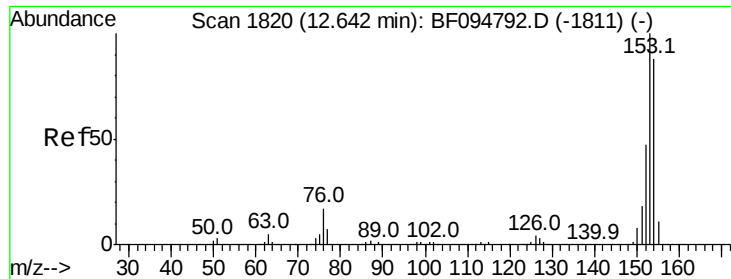


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.56 ng

RT: 12.62 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

Instrument :

BNA_F

ClientSampleId :

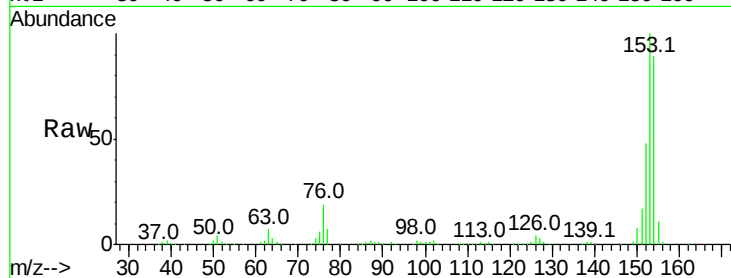
Tot Ion:154 Resp: 484998

Ion Ratio Lower Upper

154 100

153 112.6 90.5 135.7

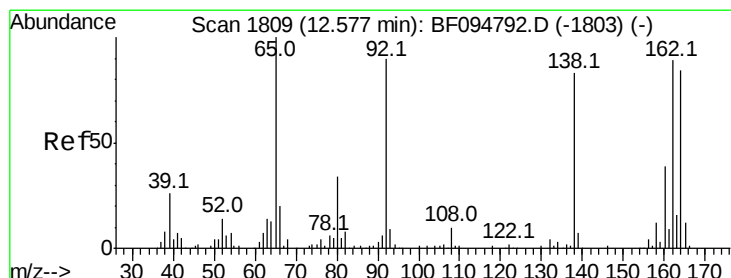
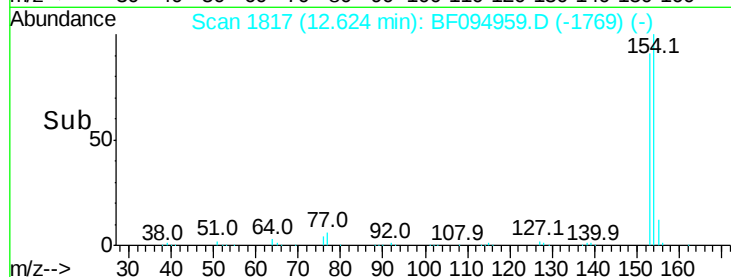
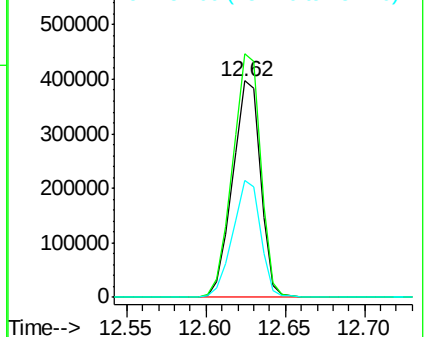
152 54.2 43.6 65.4



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: 34.32 ng

RT: 12.58 min Scan# 1809

Delta R.T. 0.00 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

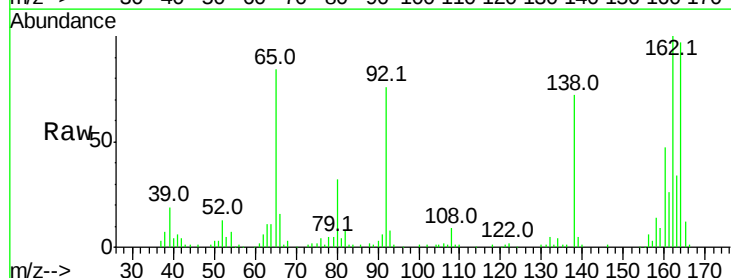
Tgt Ion:138 Resp: 101042

Ion Ratio Lower Upper

138 100

108 12.5 9.1 13.7

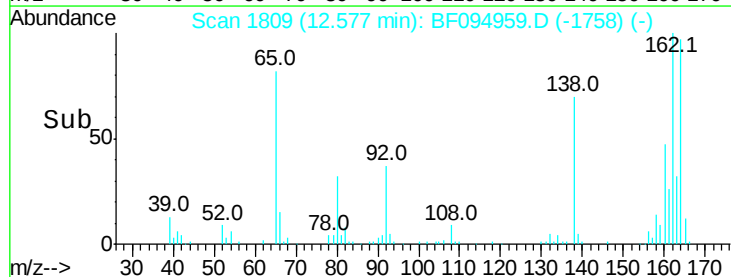
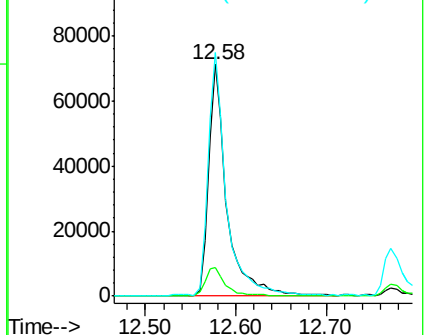
92 105.0 93.8 140.6

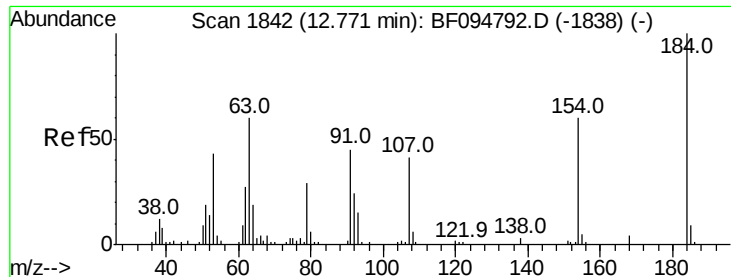


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

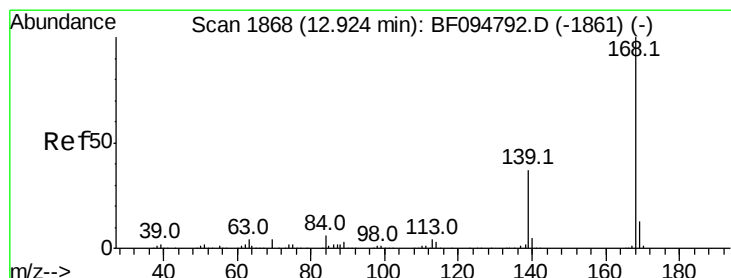
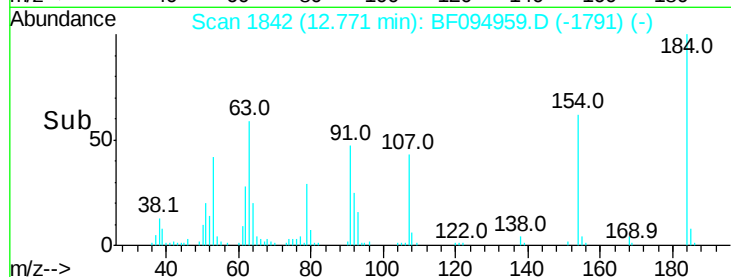
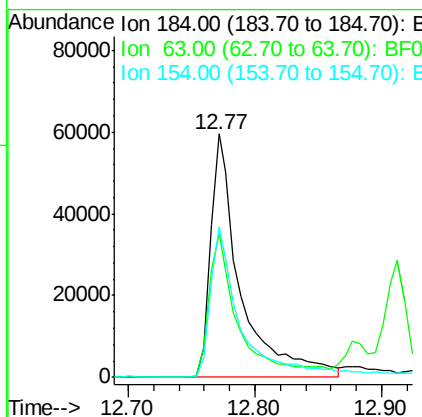
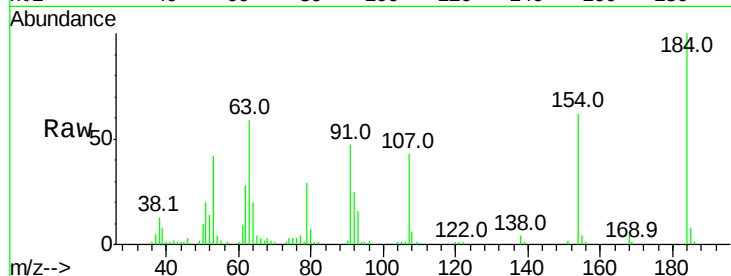




#53
 2,4-Dinitrophenol
 Concen: 66.33 ng
 RT: 12.77 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

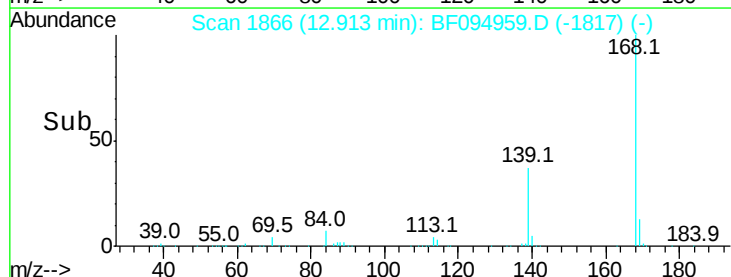
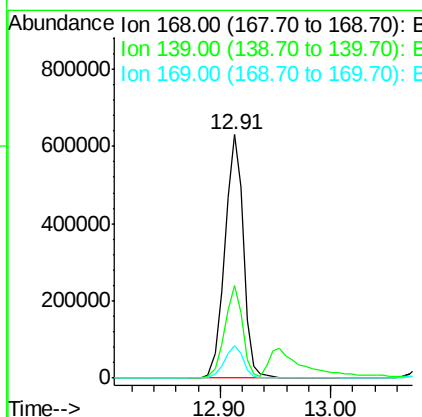
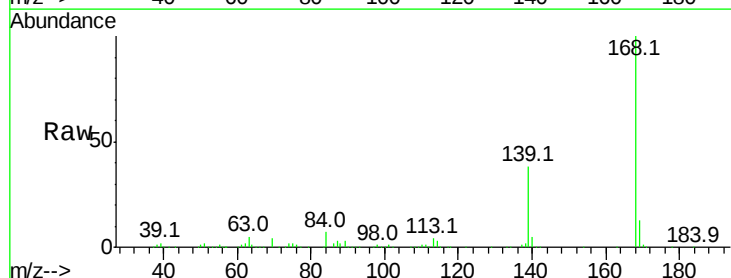
Instrument :
 BNA_F
 ClientSampled :

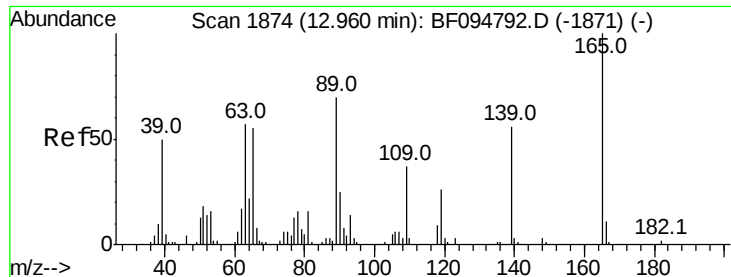
Tot Ion:184 Resp: 98469
 Ion Ratio Lower Upper
 184 100
 63 59.3 62.7 94.1#
 154 61.7 81.1 121.7#



#54
 Dibenzofuran
 Concen: 51.59 ng
 RT: 12.91 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

Tgt Ion:168 Resp: 743670
 Ion Ratio Lower Upper
 168 100
 139 38.0 30.6 45.8
 169 13.3 10.8 16.2

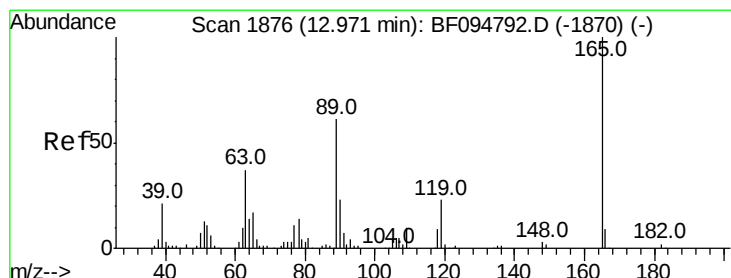
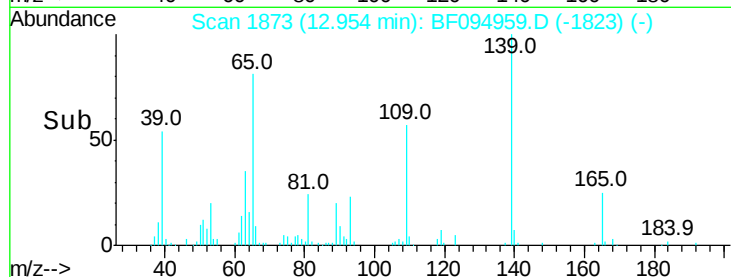
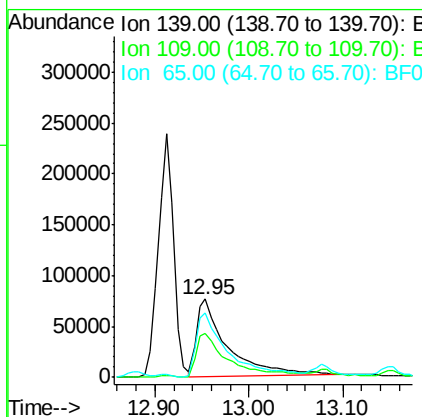
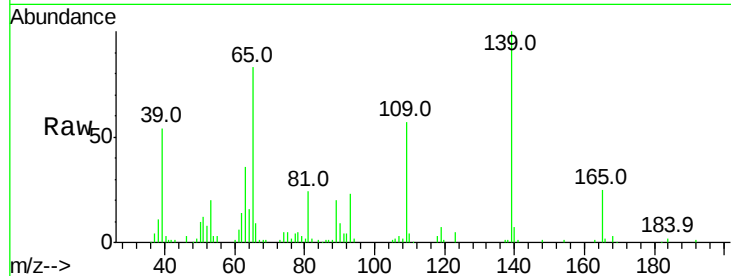




#55
4-Nitrophenol
Concen: 96.21 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF094959.D
Acq: 6 May 2017 14:02

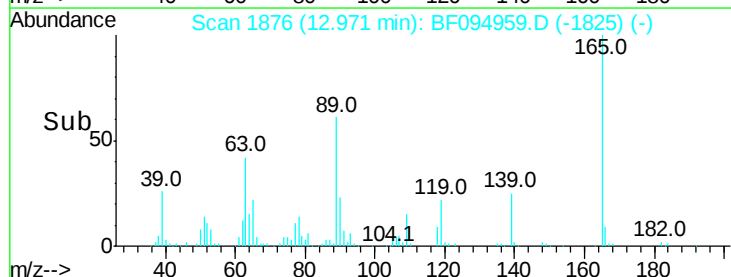
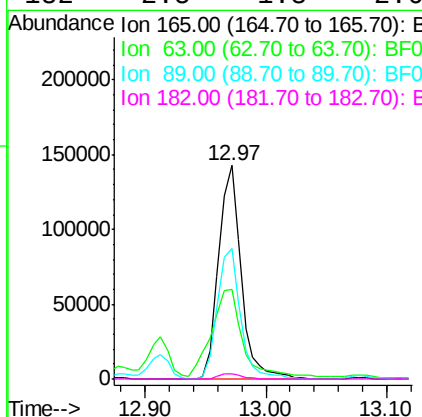
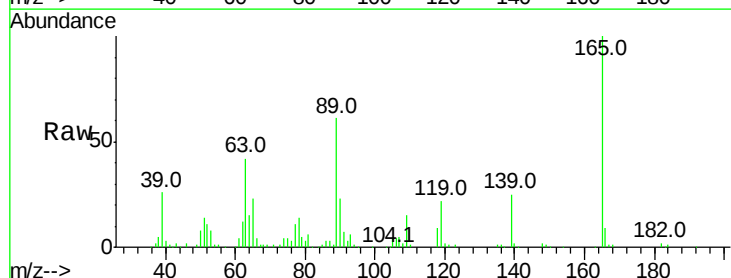
Instrument :
BNA_F
ClientSampleId :

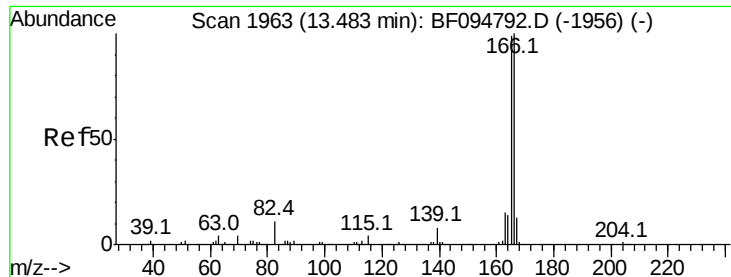
Tot Ion:139 Resp: 170146
Ion Ratio Lower Upper
139 100
109 57.0 34.1 74.1
65 82.7 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 52.28 ng
RT: 12.97 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BF094959.D
Acq: 6 May 2017 14:02

Tgt Ion:165 Resp: 184290
Ion Ratio Lower Upper
165 100
63 41.8 25.4 38.0#
89 60.9 46.4 69.6
182 2.5 1.8 2.6

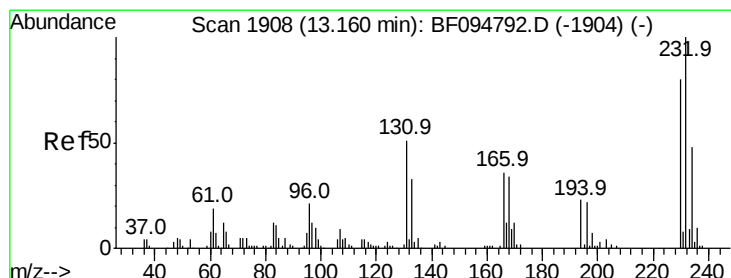
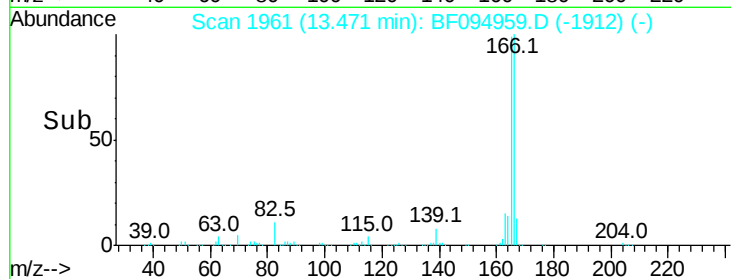
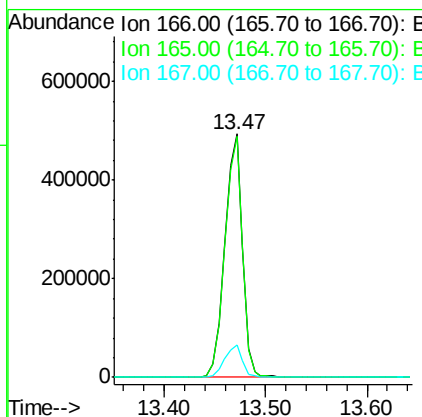
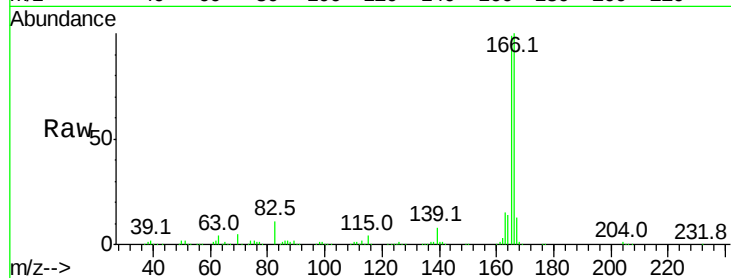




#57
 Fluorene
 Concen: 47.13 ng
 RT: 13.47 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

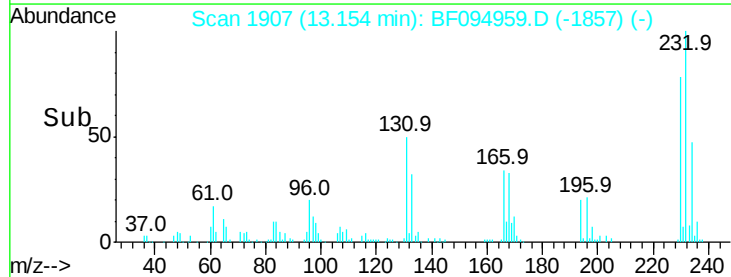
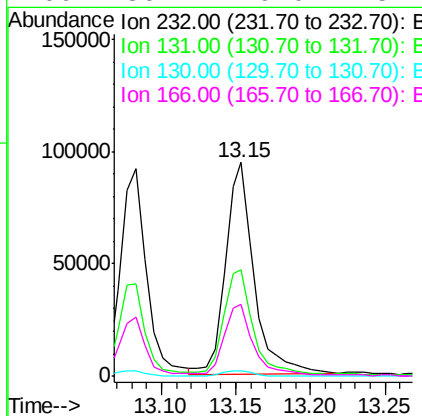
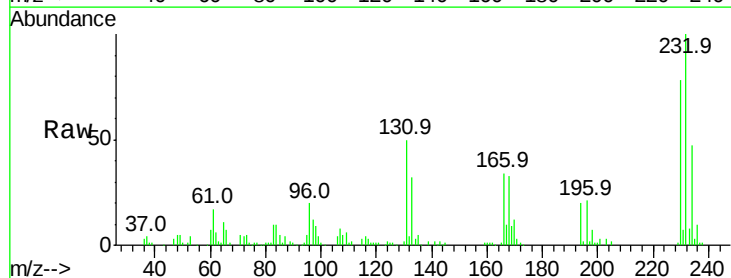
Instrument :
 BNA_F
 ClientSampleId :

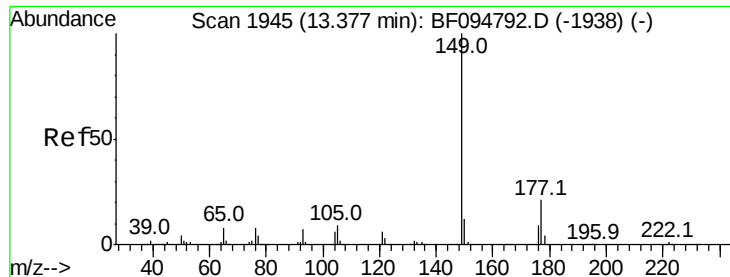
Tot Ion:166 Resp: 590734
 Ion Ratio Lower Upper
 166 100
 165 98.9 78.8 118.2
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.54 ng
 RT: 13.15 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

Tgt Ion:232 Resp: 126355
 Ion Ratio Lower Upper
 232 100
 131 53.8 44.8 67.2
 130 2.3 2.3 3.5
 166 36.4 29.0 43.4

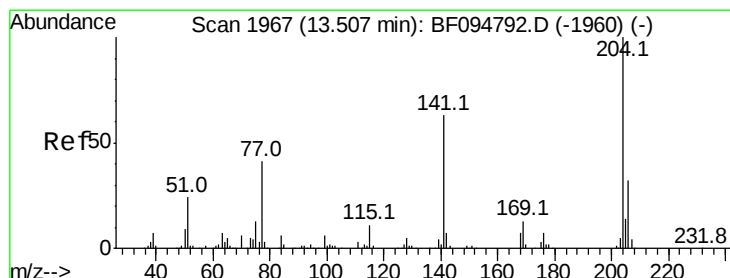
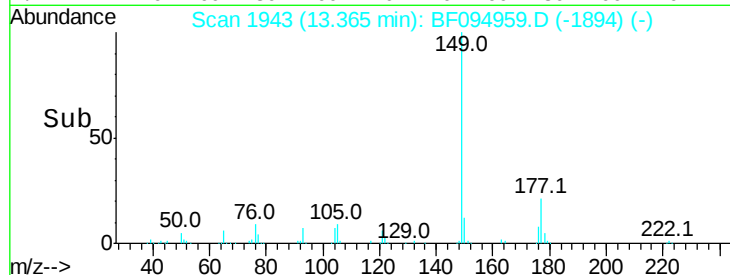
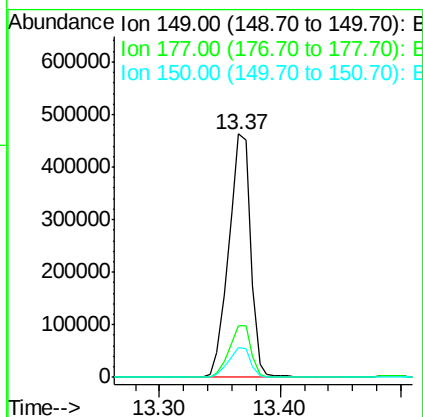
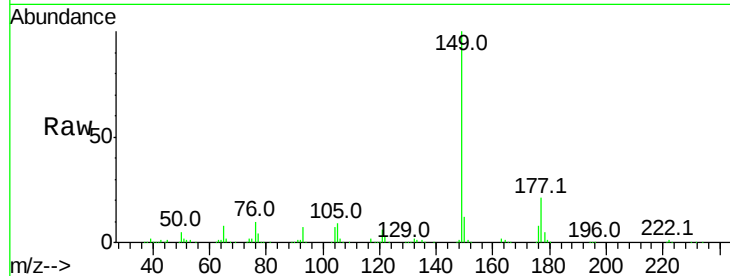




#59
Diethylphthalate
Concen: 45.44 ng
RT: 13.37 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BF094959.D
Acq: 6 May 2017 14:02

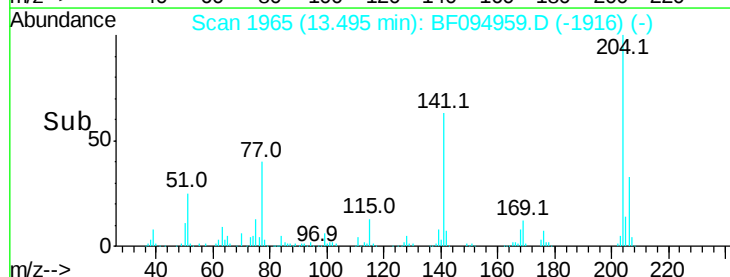
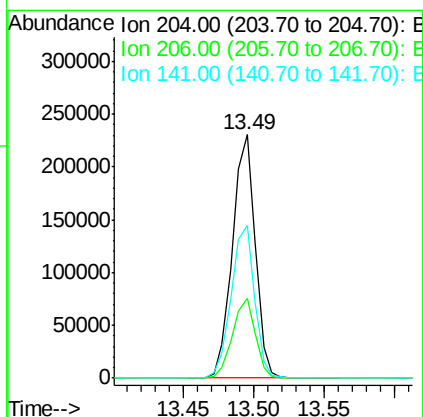
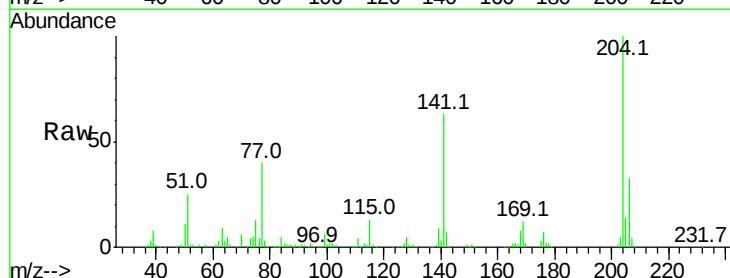
Instrument :
BNA_F
ClientSampleId :

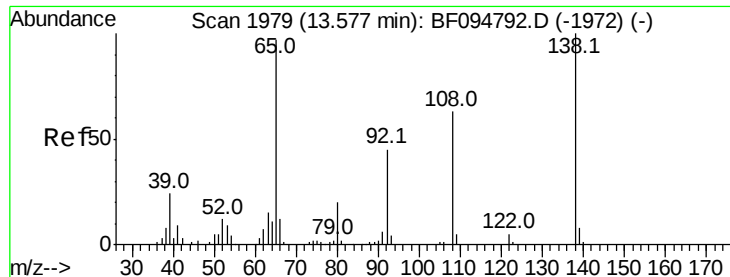
Tot Ion:149 Resp: 585589
Ion Ratio Lower Upper
149 100
177 21.1 16.7 25.1
150 12.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 47.12 ng
RT: 13.49 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BF094959.D
Acq: 6 May 2017 14:02

Tgt Ion:204 Resp: 259572
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 62.7 60.8 91.2

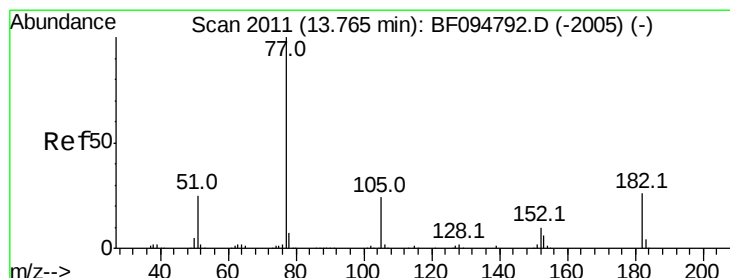
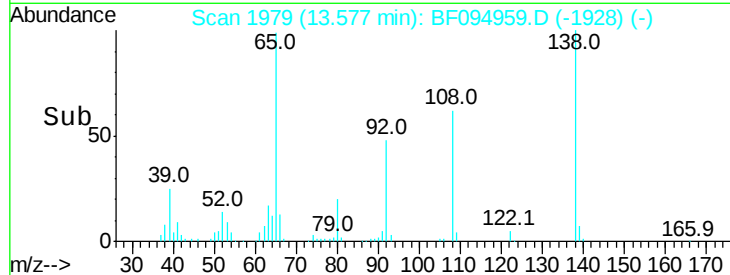
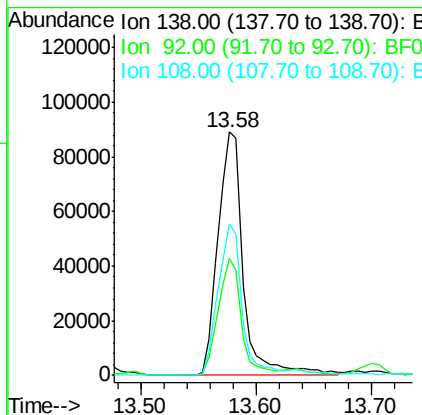
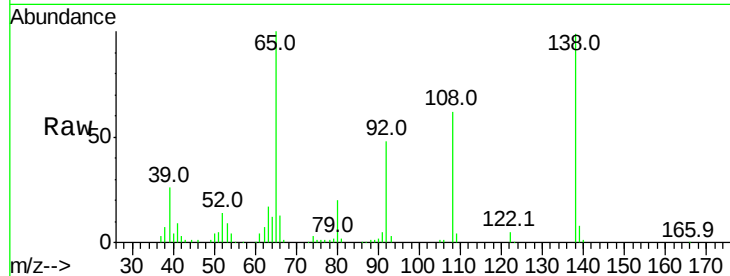




#61
 4-Nitroaniline
 Concen: 50.12 ng
 RT: 13.58 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

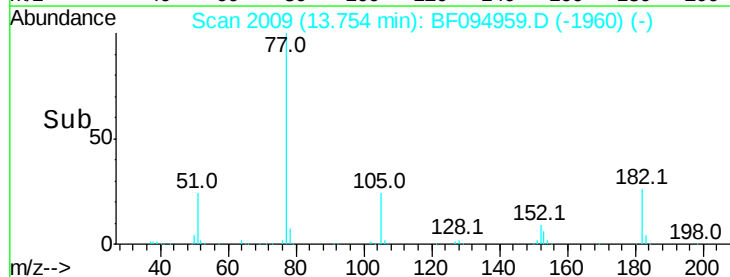
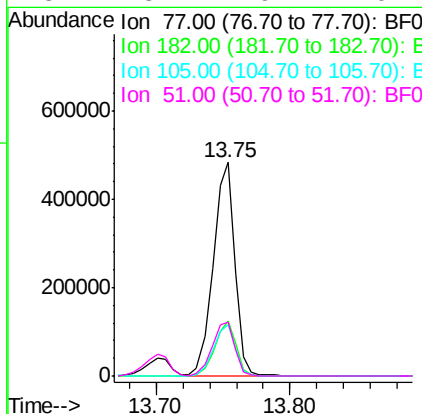
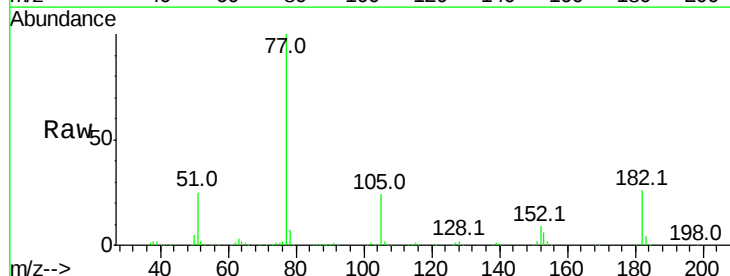
Instrument :
 BNA_F
 ClientSampleId :

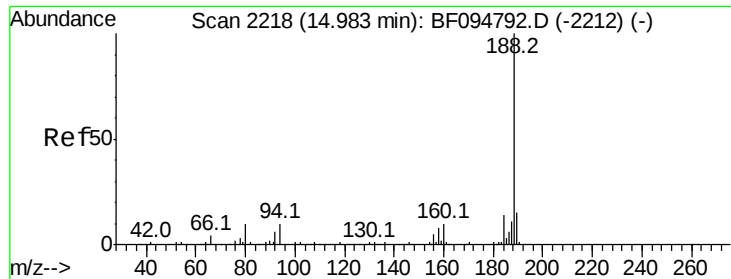
Tot Ion:138	Resp: 135478
Ion Ratio	Lower Upper
138 100	
92 48.1	21.8 61.8
108 62.3	42.3 82.3



#62
 Azobenzene
 Concen: 52.90 ng
 RT: 13.75 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

Tgt	Ion: 77	Resp:	547897
Ion	Ratio	Lower	Upper
77	100		
182	26.1	0.1	40.1
105	24.1	3.6	43.6
51	25.1	9.4	49.4

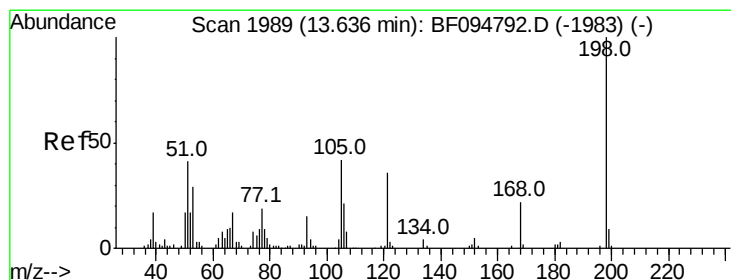
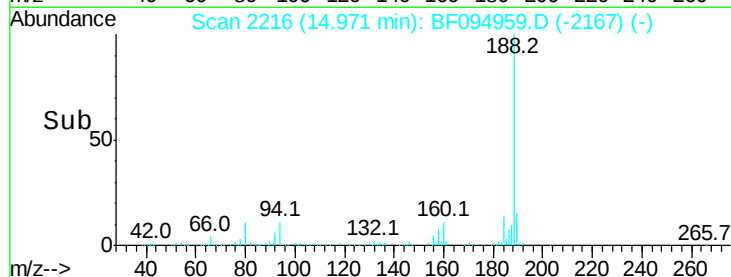
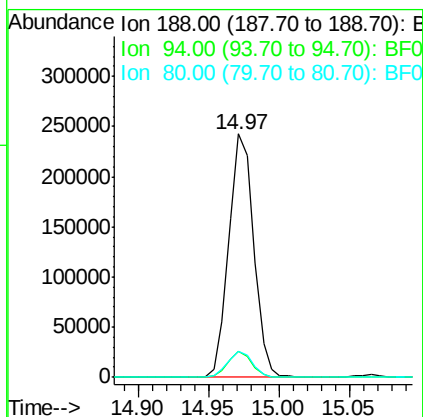
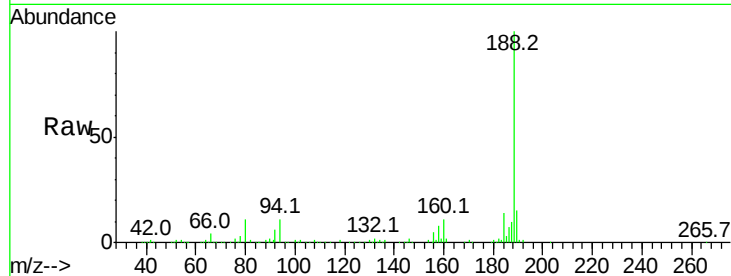




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

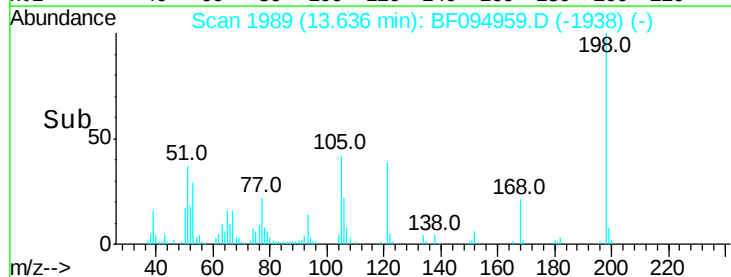
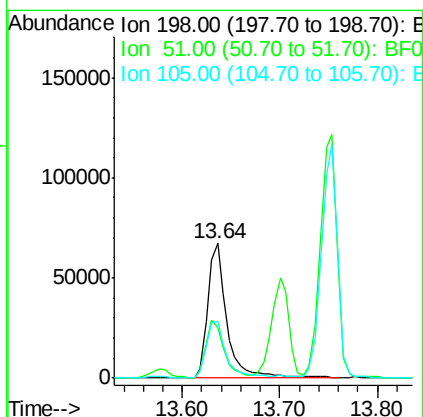
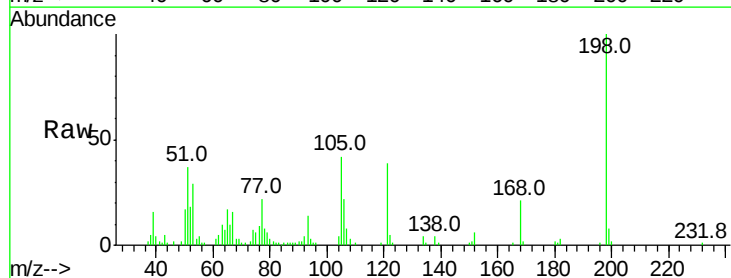
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 300027
 Ion Ratio Lower Upper
 188 100
 94 10.6 9.4 14.2
 80 10.7 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 45.53 ng
 RT: 13.64 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

Tgt Ion:198 Resp: 91575
 Ion Ratio Lower Upper
 198 100
 51 37.0 53.2 93.2#
 105 42.4 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 46.90 ng

RT: 13.70 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

Instrument :

BNA_F

ClientSampleId :

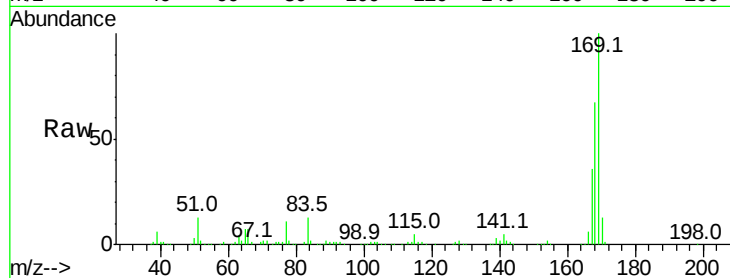
Tot Ion:169 Resp: 510701

Ion Ratio Lower Upper

169 100

168 67.4 53.2 79.8

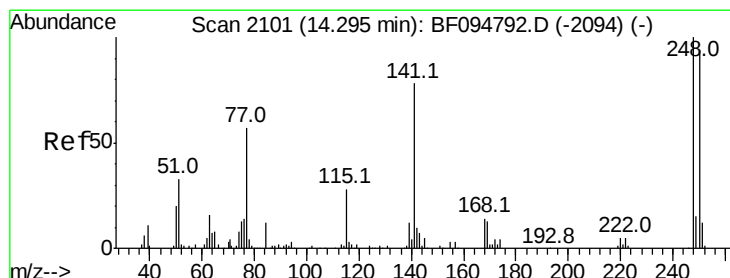
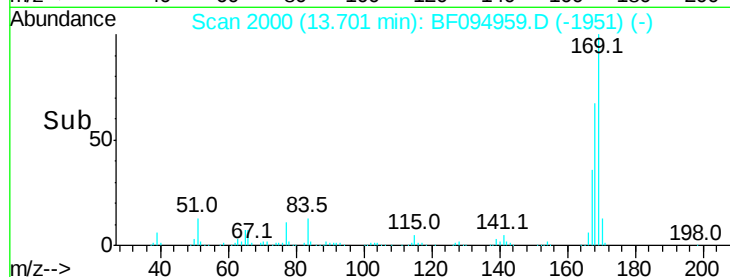
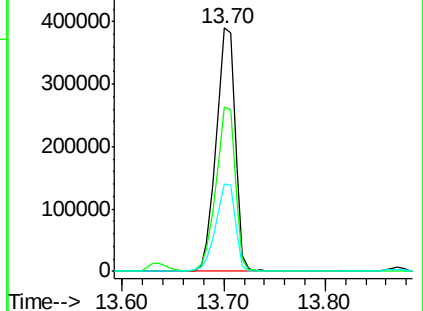
167 35.8 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.41 ng

RT: 14.28 min Scan# 2098

Delta R.T. -0.02 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

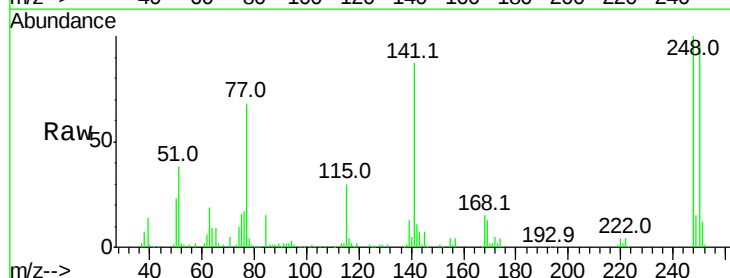
Tgt Ion:248 Resp: 147108

Ion Ratio Lower Upper

248 100

250 96.3 76.8 115.2

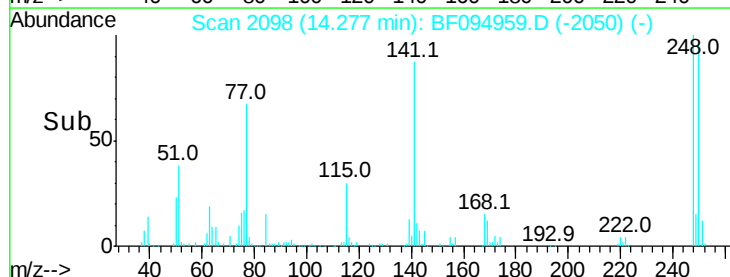
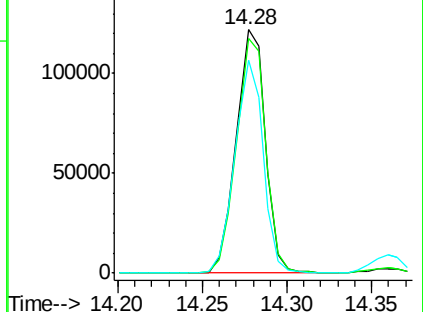
141 87.4 68.6 103.0



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: 45.66 ng

RT: 14.36 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

Instrument :

BNA_F

ClientSampleId :

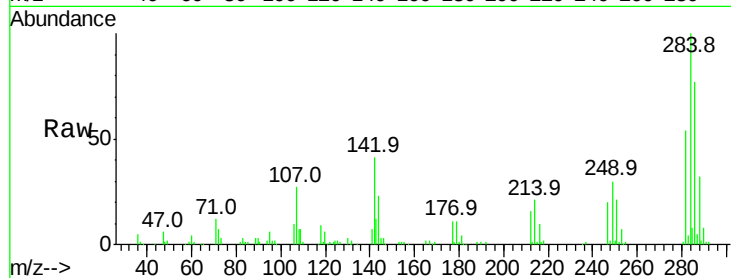
Tot Ion:284 Resp: 148318

Ion Ratio Lower Upper

284 100

142 41.1 22.8 34.2#

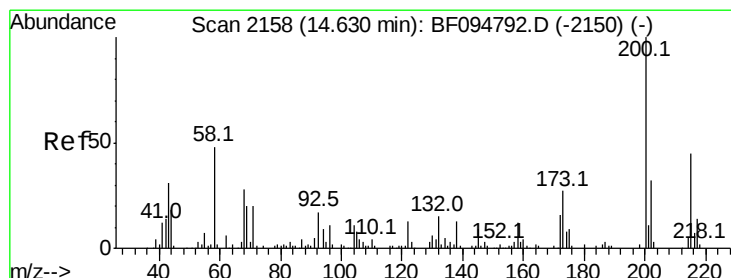
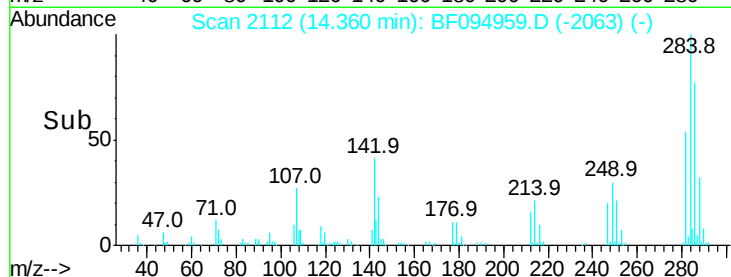
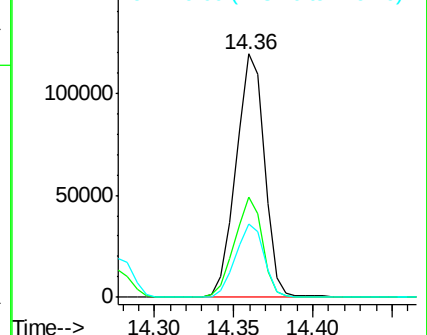
249 30.3 24.0 36.0



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: 48.86 ng

RT: 14.62 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

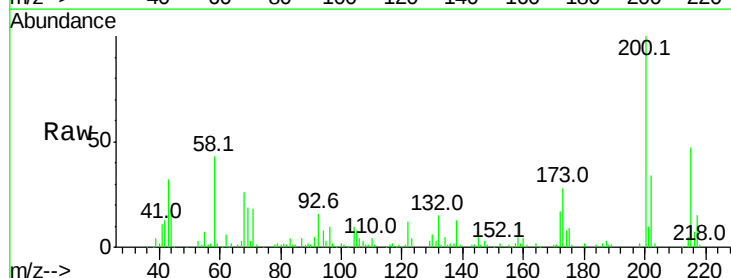
Tgt Ion:200 Resp: 150221

Ion Ratio Lower Upper

200 100

173 27.9 6.3 46.3

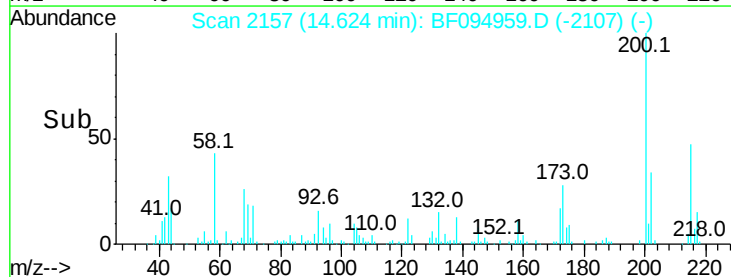
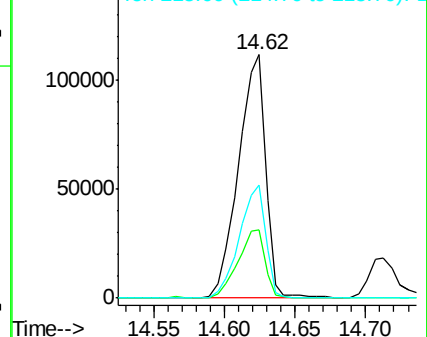
215 46.7 27.2 67.2



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

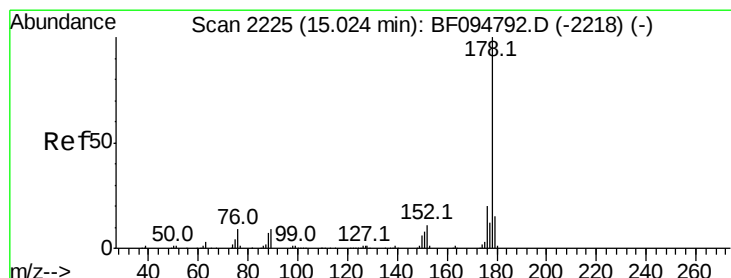
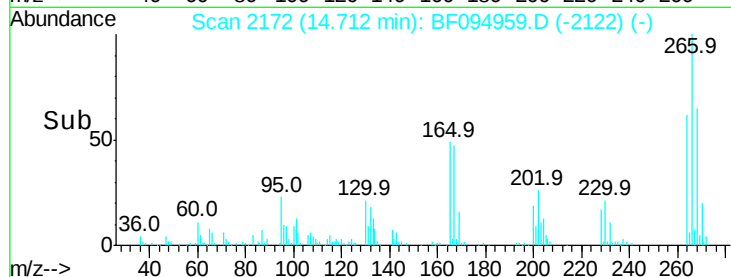
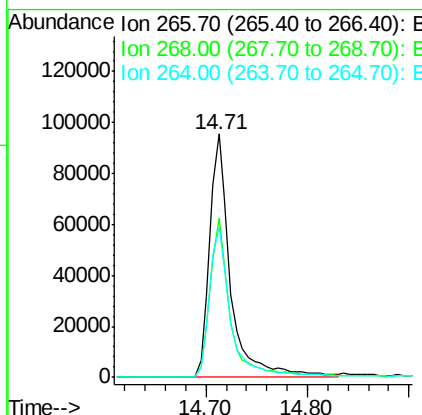
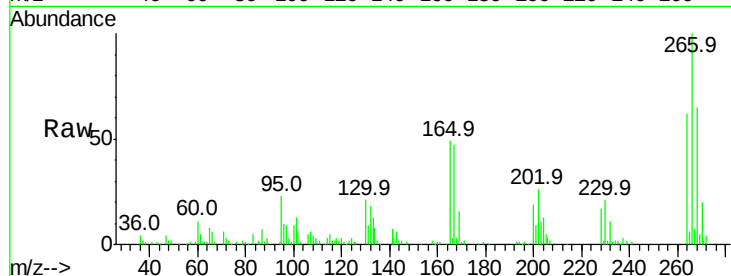




#69
 Pentachlorophenol
 Concen: 92.91 ng
 RT: 14.71 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

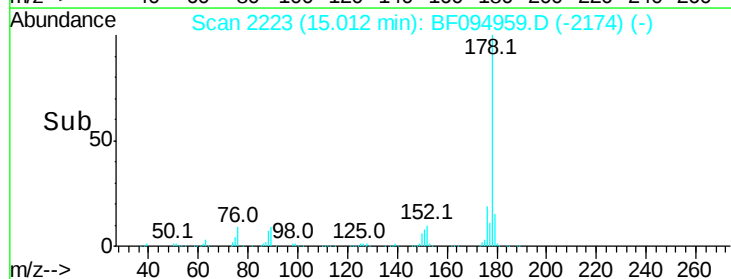
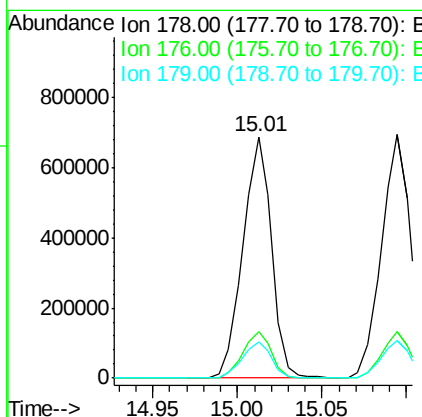
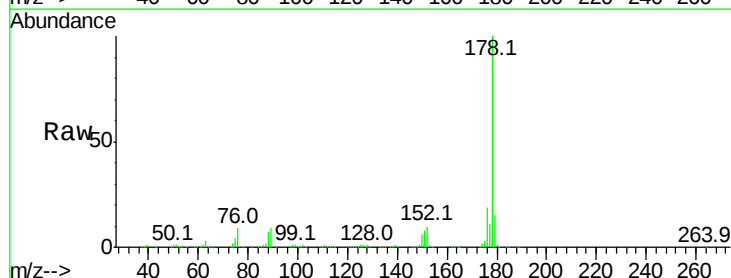
Instrument :
 BNA_F
 ClientSampleId :

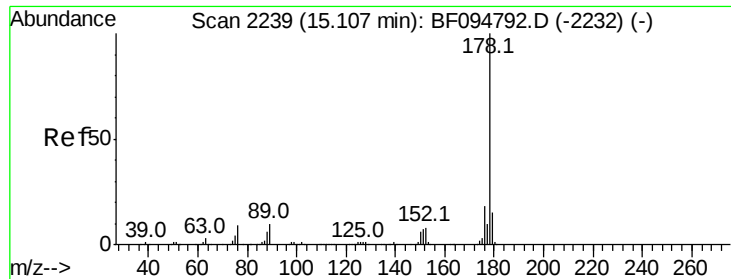
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.1	76.7
264	61.8	51.7	77.5



#70
 Phenanthrene
 Concen: 47.22 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.1	12.6	19.0

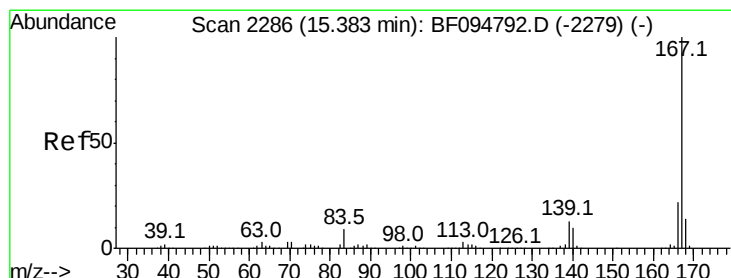
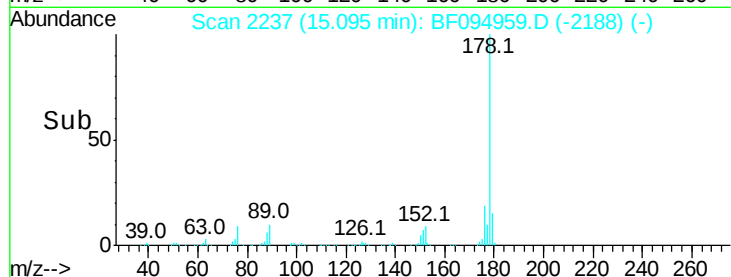
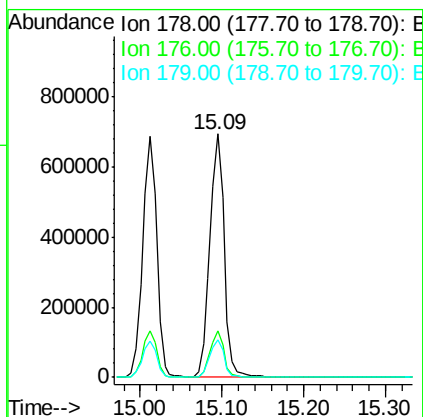
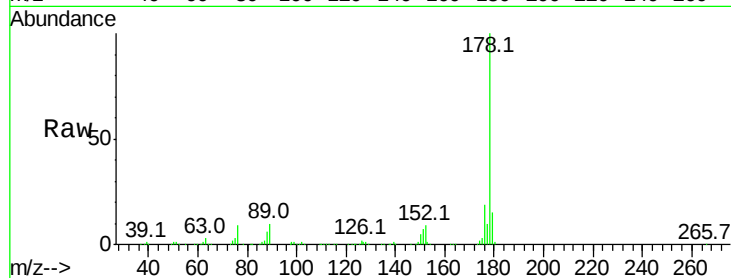




#71
 Anthracene
 Concen: 48.35 ng
 RT: 15.09 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

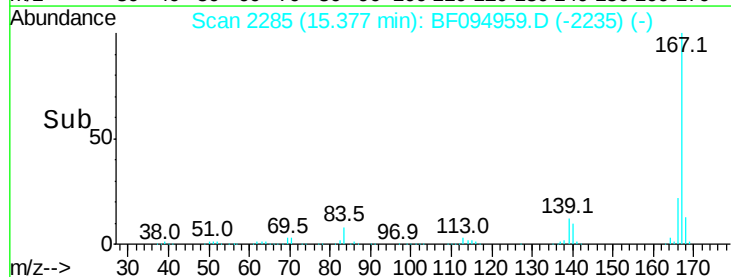
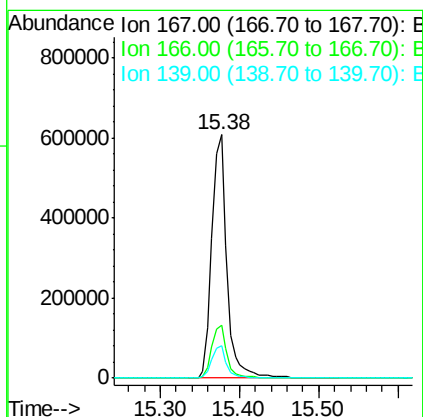
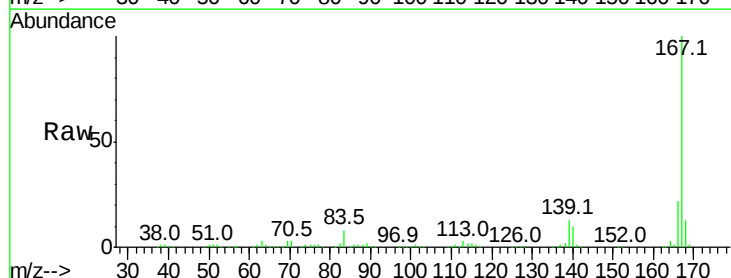
Instrument :
 BNA_F
 ClientSampleId :

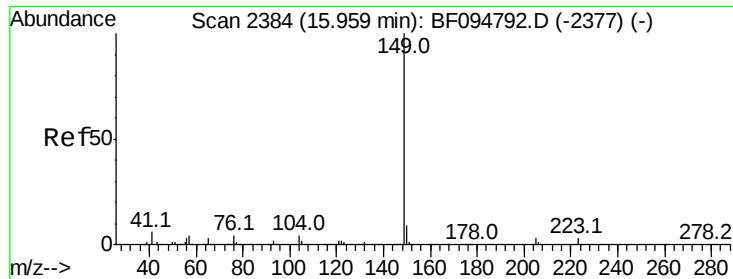
Tot Ion:178 Resp: 851309
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 50.46 ng
 RT: 15.38 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

Tgt Ion:167 Resp: 808493
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.1 27.1
 139 13.1 11.7 17.5

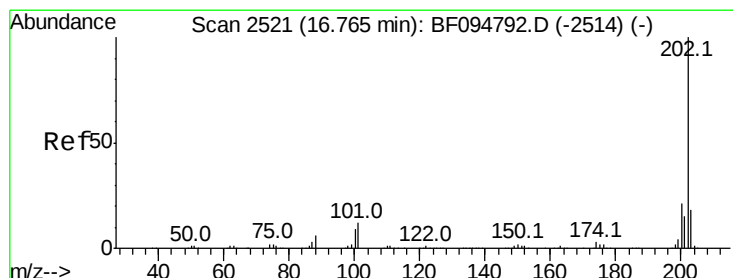
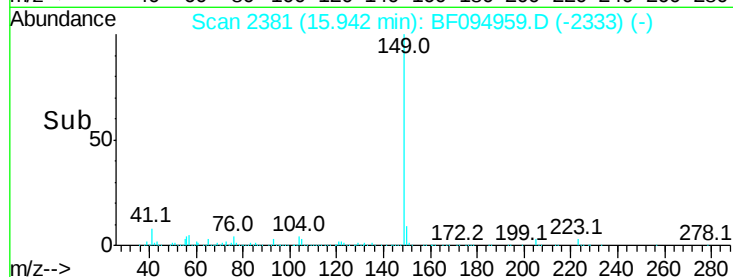
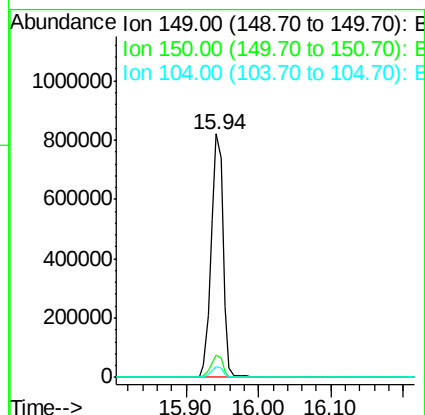
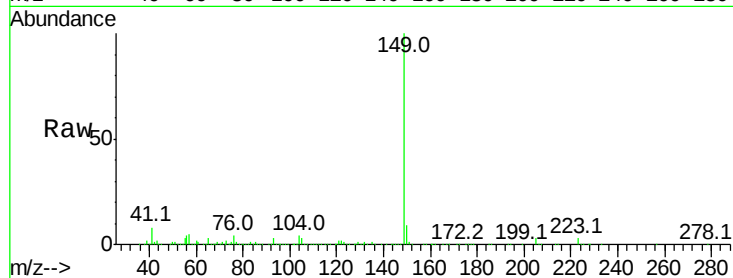




#73
Di-n-butylphthalate
Concen: 47.09 ng
RT: 15.94 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BF094959.D
Acq: 6 May 2017 14:02

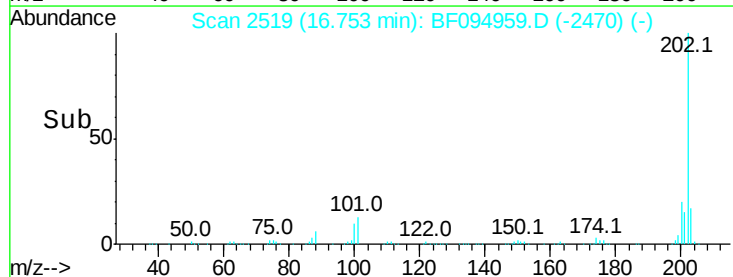
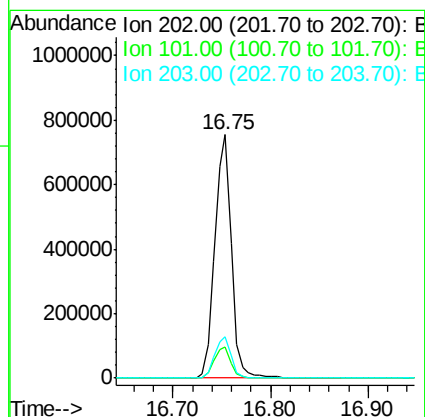
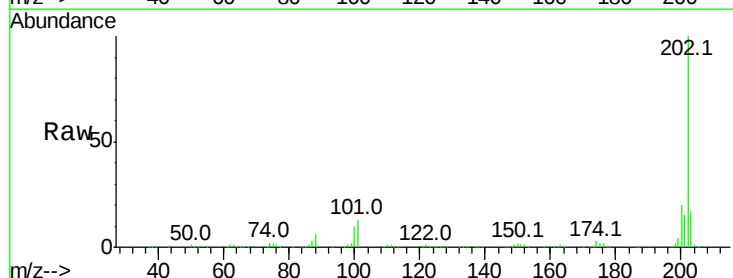
Instrument :
BNA_F
ClientSampleId :

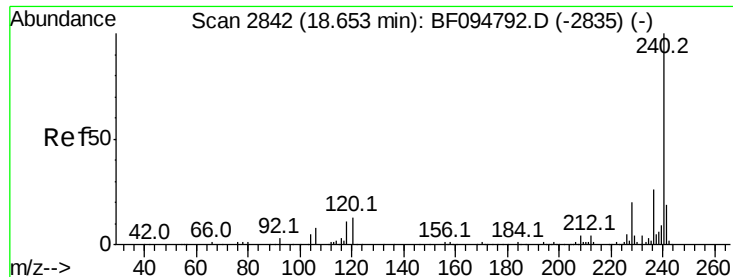
Tot Ion:149 Resp: 940947
Ion Ratio Lower Upper
149 100
150 9.1 7.7 11.5
104 4.4 4.0 6.0



#74
Fluoranthene
Concen: 50.14 ng
RT: 16.75 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF094959.D
Acq: 6 May 2017 14:02

Tgt Ion:202 Resp: 886590
Ion Ratio Lower Upper
202 100
101 12.8 0.0 33.2
203 17.2 0.0 38.1

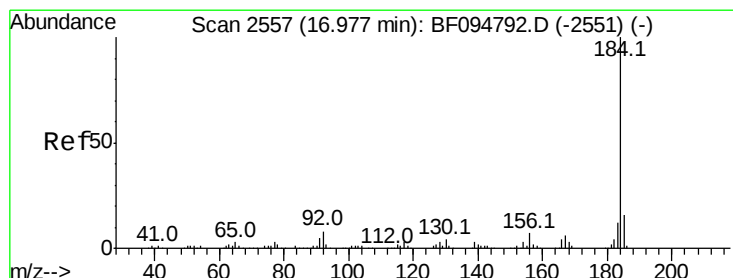
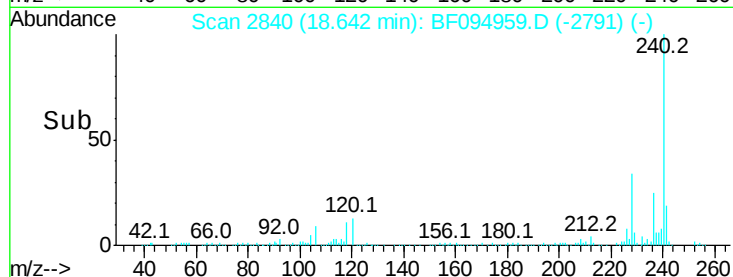
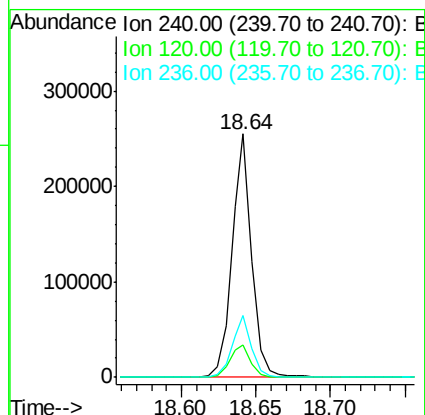
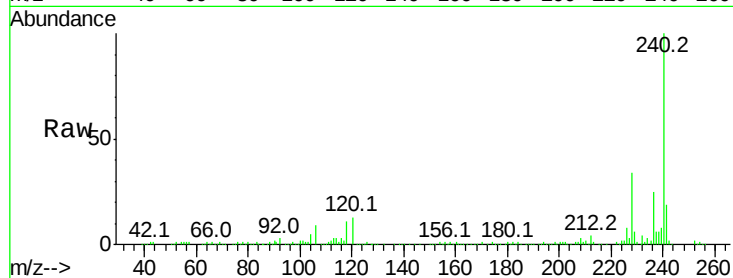




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF094959.D
Acq: 6 May 2017 14:02

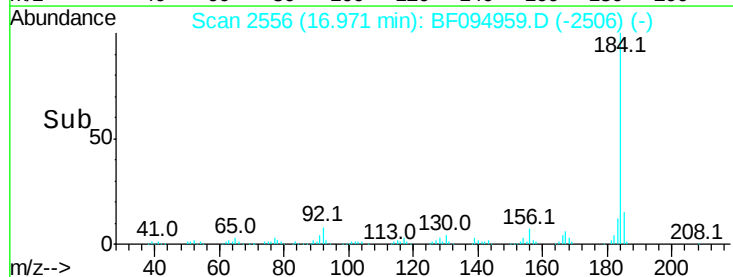
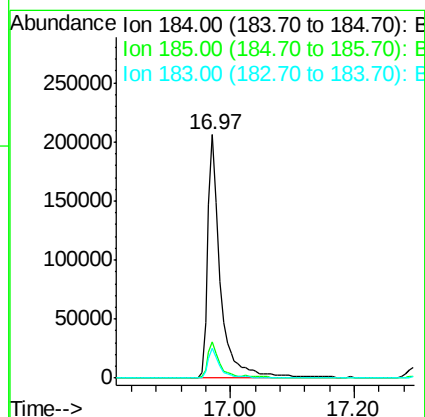
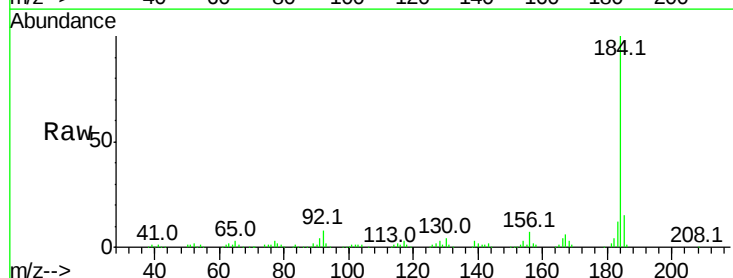
Instrument :
BNA_F
ClientSampleId :

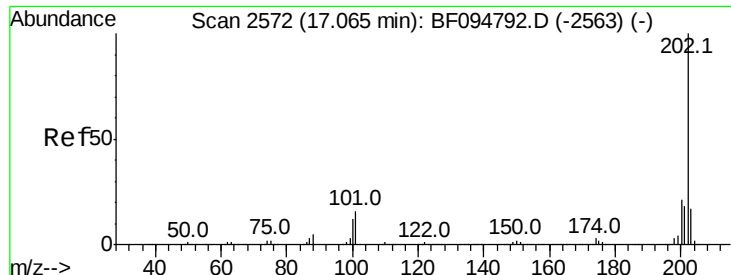
Tot Ion:240 Resp: 235015
Ion Ratio Lower Upper
240 100
120 13.2 5.8 8.8#
236 25.3 20.5 30.7



#76
Benzidine
Concen: 46.98 ng
RT: 16.97 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BF094959.D
Acq: 6 May 2017 14:02

Tgt Ion:184 Resp: 297570
Ion Ratio Lower Upper
184 100
185 14.8 15.5 23.3#
183 12.2 9.8 14.6

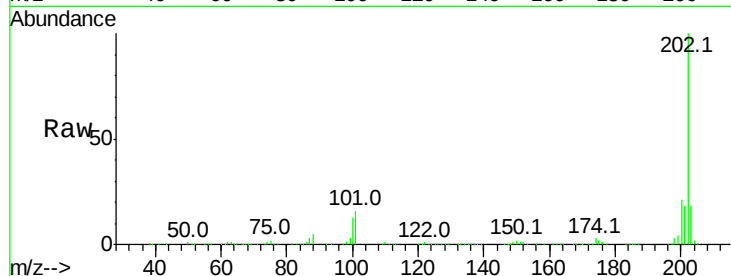




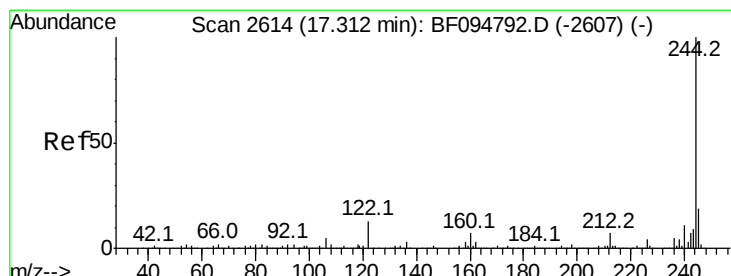
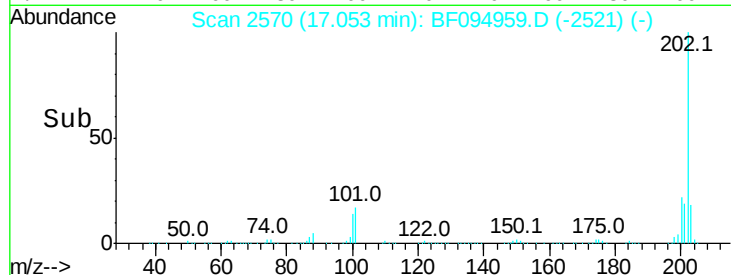
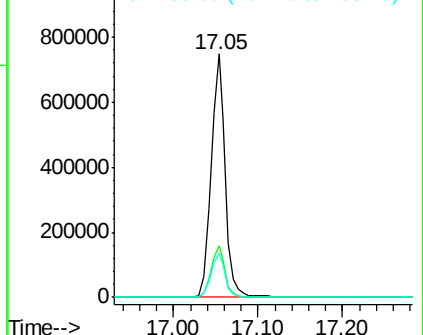
#77
Pvrene
Concen: 50.49 ng
RT: 17.05 min Scan# 2570
Delta R.T. -0.01 min
Lab File: BF094959.D
Acq: 6 May 2017 14:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 887389
Ion Ratio Lower Upper
202 100
200 21.4 17.6 26.4
203 17.8 14.4 21.6

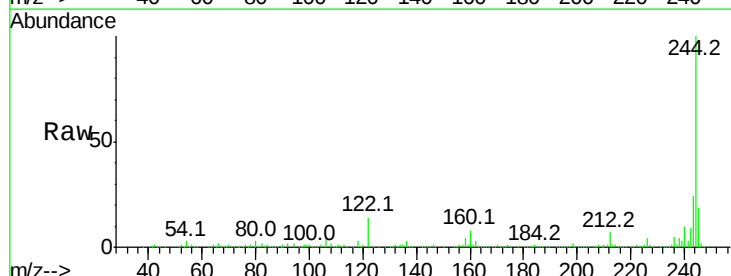


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

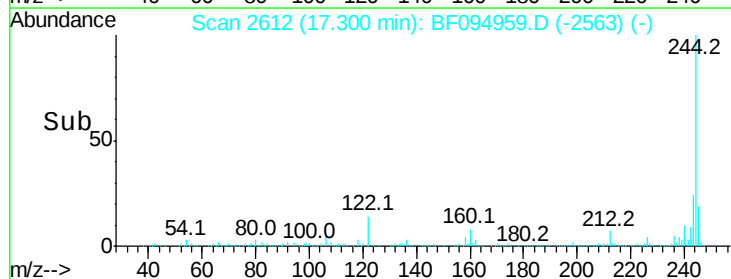
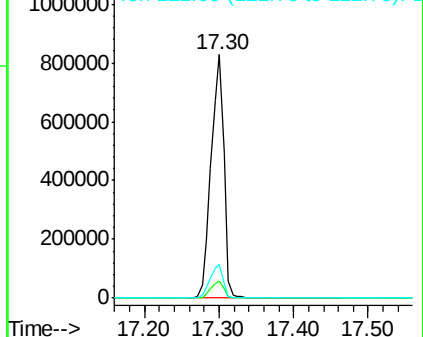


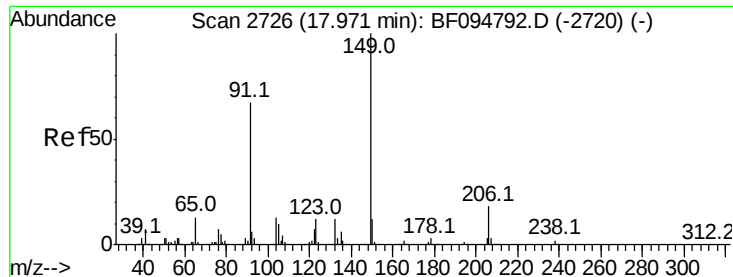
#78
Terphenyl-d14
Concen: 92.42 ng
RT: 17.30 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BF094959.D
Acq: 6 May 2017 14:02

Tgt Ion:244 Resp: 986120
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 13.9 10.3 15.5



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





#79

Butylbenzylphthalate

Concen: 51.43 ng

RT: 17.96 min Scan# 2724

Delta R.T. -0.01 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

Instrument :

BNA_F

ClientSampleId :

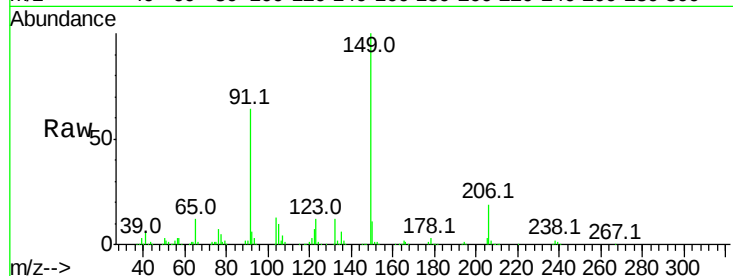
Tot Ion:149 Resp: 420454

Ion Ratio Lower Upper

149 100

91 64.3 45.0 67.4

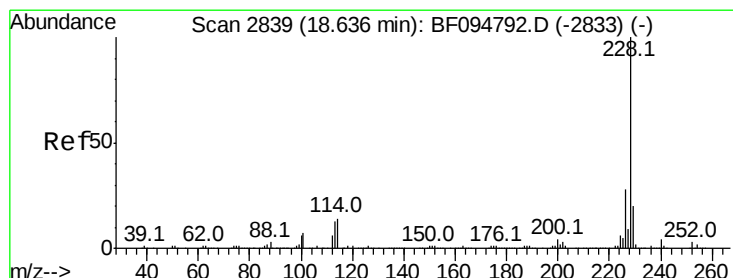
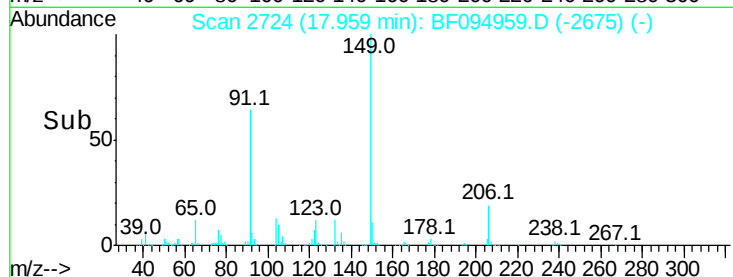
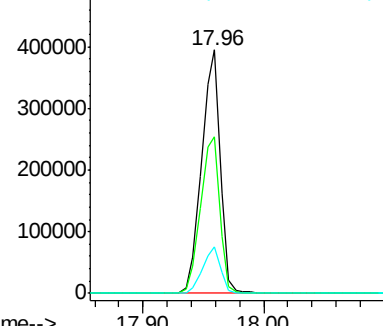
206 19.2 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 46.54 ng

RT: 18.63 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

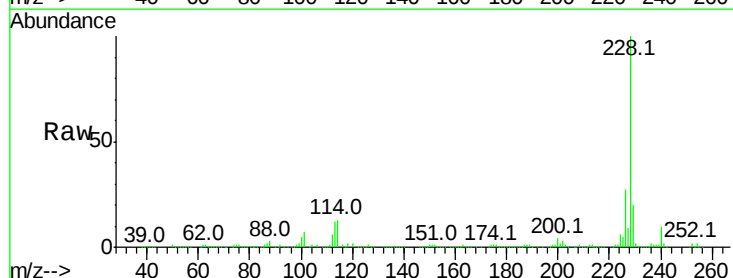
Tgt Ion:228 Resp: 636525

Ion Ratio Lower Upper

228 100

226 27.3 22.6 33.8

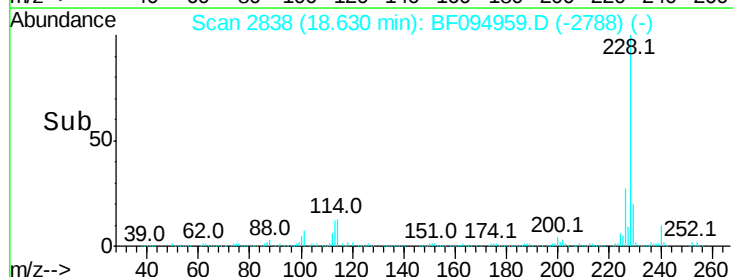
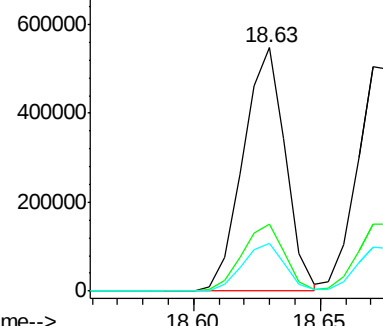
229 19.6 16.3 24.5



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

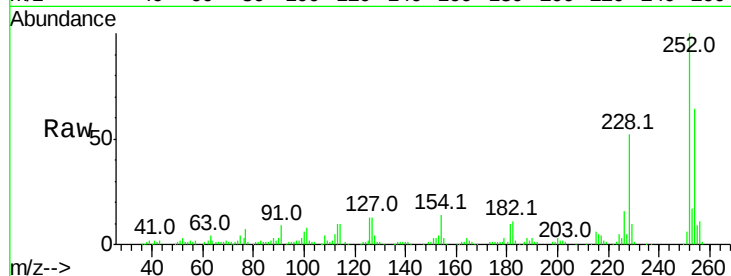




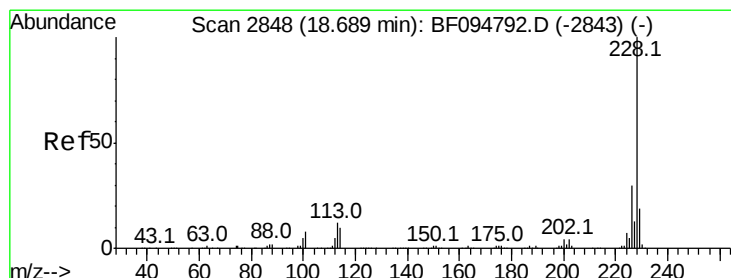
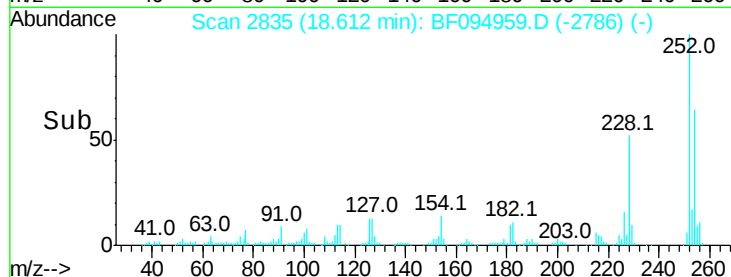
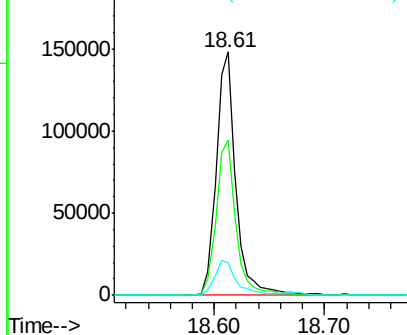
#81
 3,3'-Dichlorobenzidine
 Concen: 38.44 ng
 RT: 18.61 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.5	77.3
126	13.3	15.8	23.8#

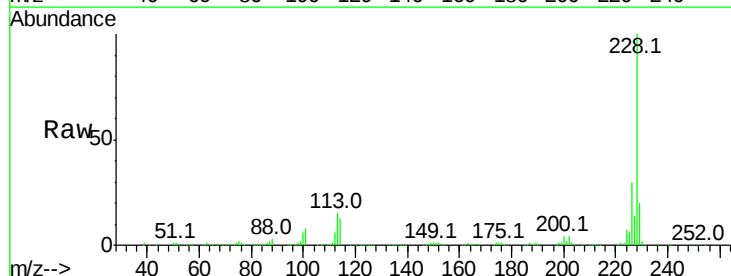


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

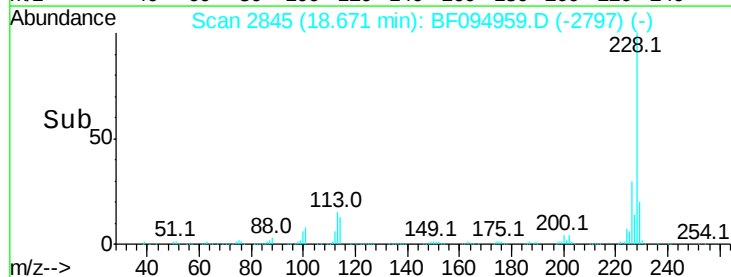
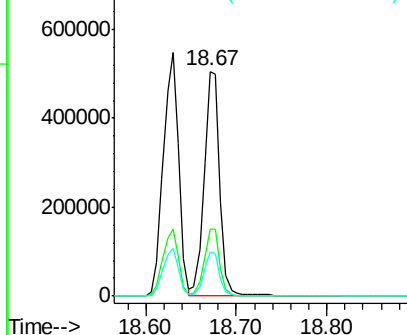


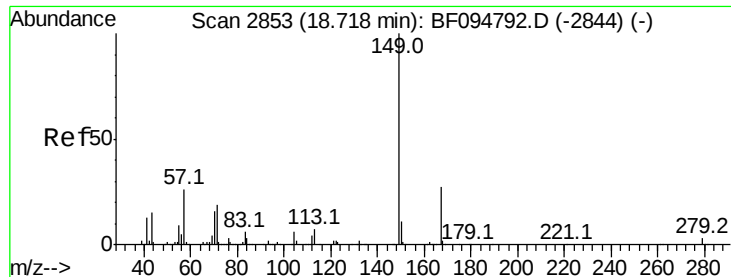
#82
 Chrysene
 Concen: 46.41 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.02 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.9	37.3
229	19.6	15.8	23.6



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

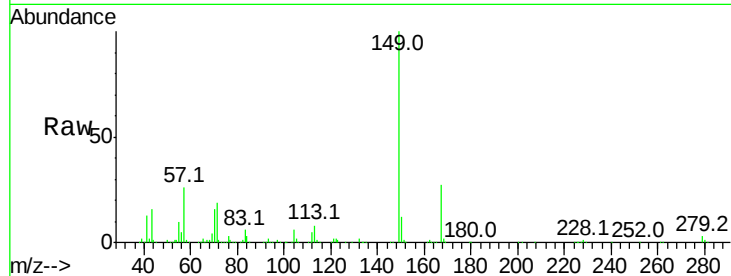




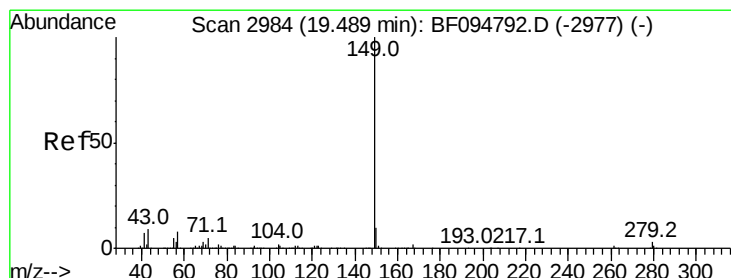
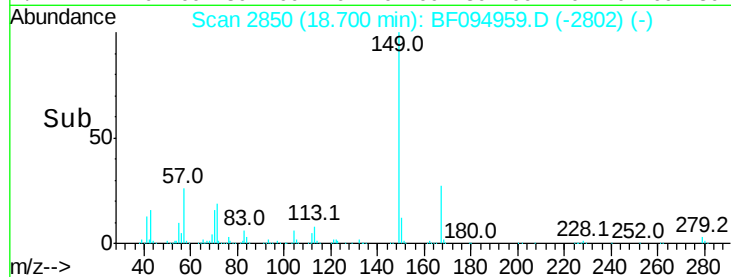
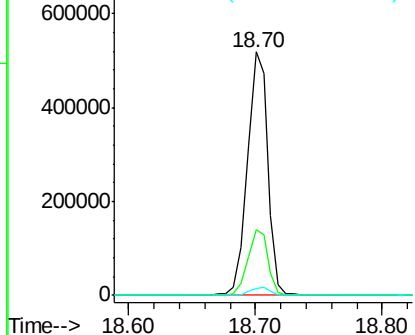
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.00 ng
 RT: 18.70 min Scan# 2850
 Delta R.T. -0.02 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 582377
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.0 31.4
 279 2.9 1.9 2.9#

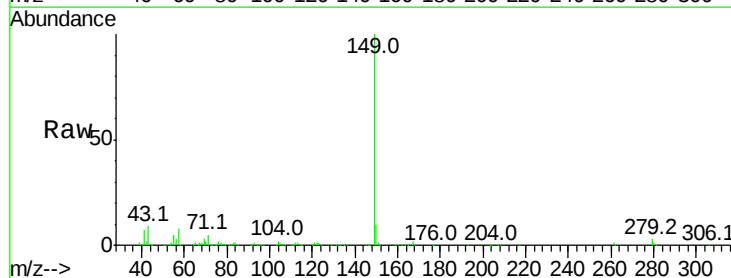


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

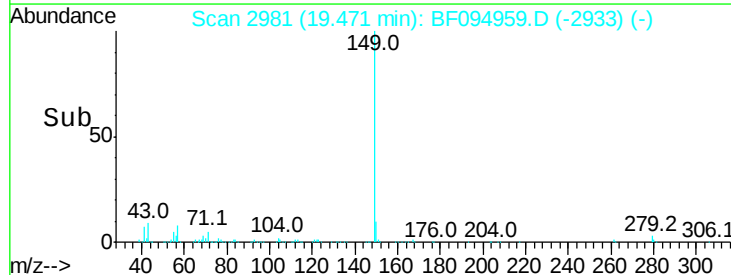
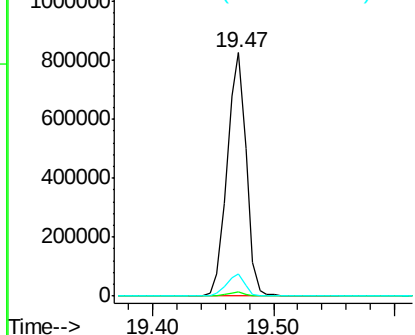


#84
 Di-n-octyl phthalate
 Concen: 47.25 ng
 RT: 19.47 min Scan# 2981
 Delta R.T. -0.02 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

Tgt Ion:149 Resp: 902318
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.8 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

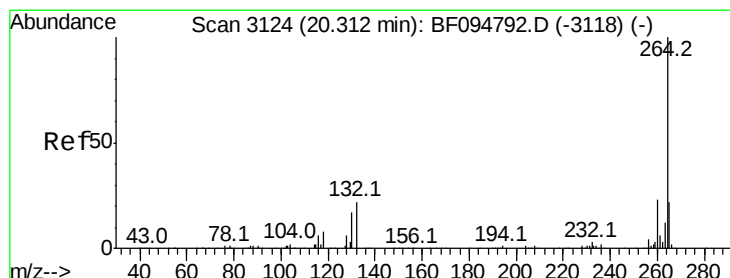
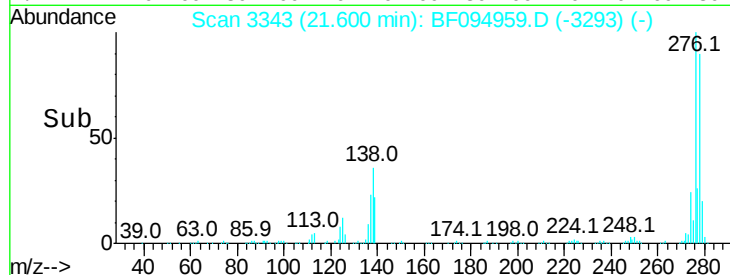
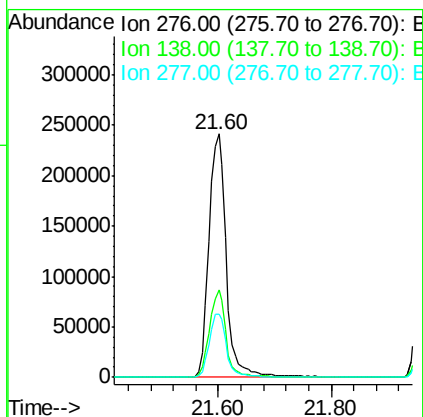
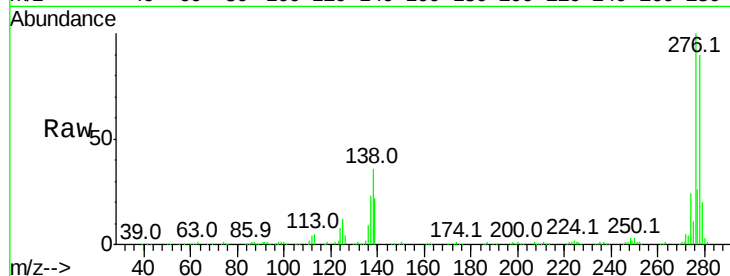




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.07 ng
 RT: 21.60 min Scan# 3343
 Delta R.T. -0.01 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

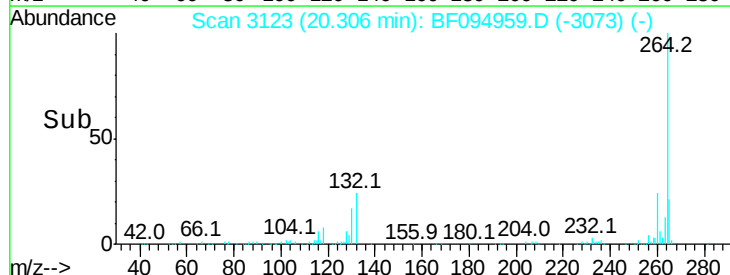
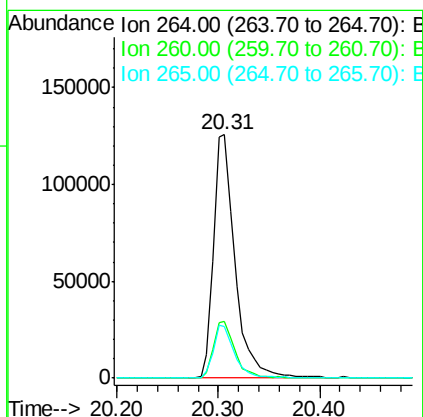
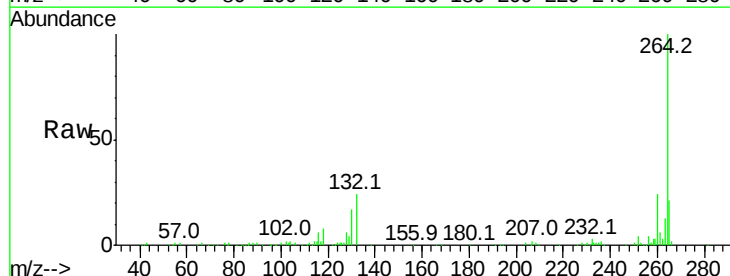
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 516261
 Ion Ratio Lower Upper
 276 100
 138 34.2 27.8 41.6
 277 25.8 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094959.D
 Acq: 6 May 2017 14:02

Tgt Ion:264 Resp: 185722
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.0 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 46.55 ng

RT: 19.90 min Scan# 3054

Delta R.T. -0.01 min

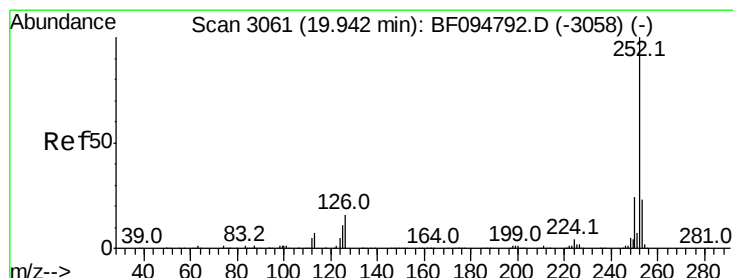
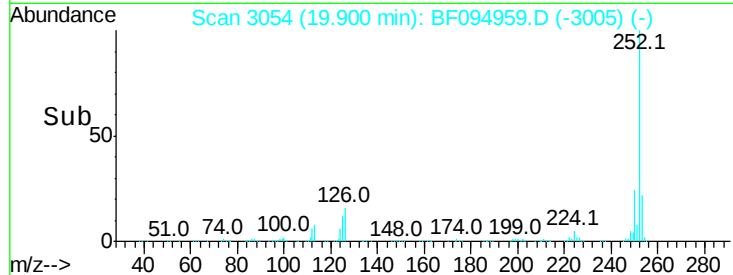
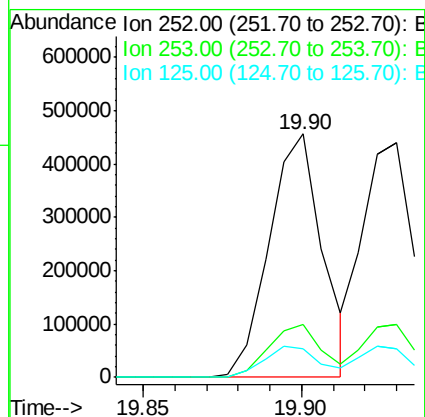
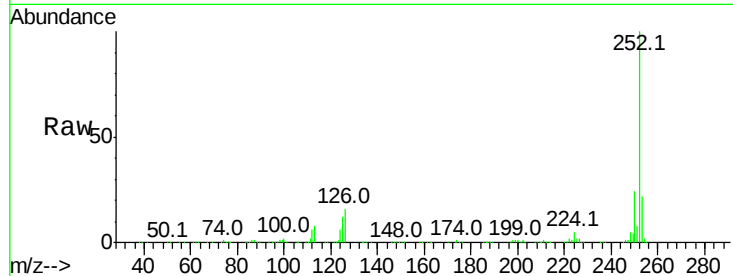
Lab File: BF094959.D

Acq: 6 May 2017 14:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 534152

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	12.0	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 48.15 ng

RT: 19.93 min Scan# 3059

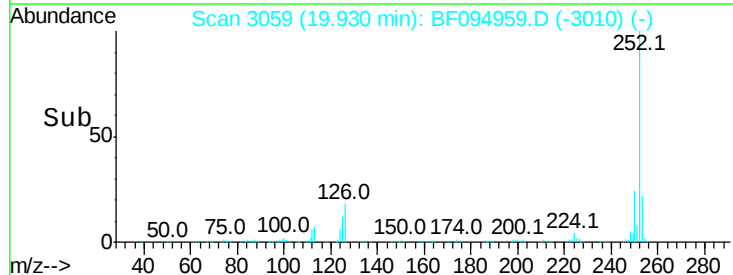
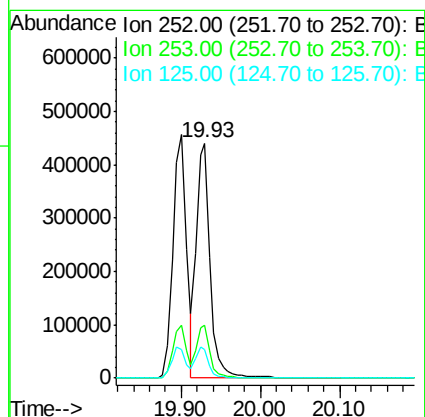
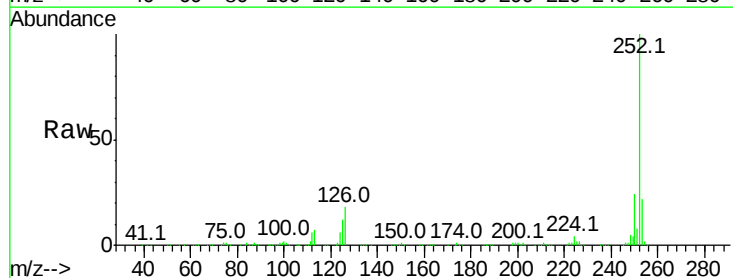
Delta R.T. -0.01 min

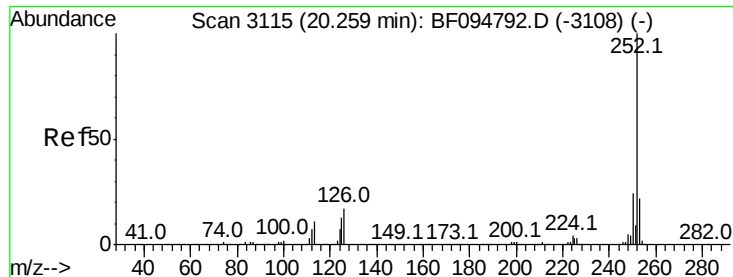
Lab File: BF094959.D

Acq: 6 May 2017 14:02

Tgt Ion:252 Resp: 532983

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	12.2	13.1	19.7#

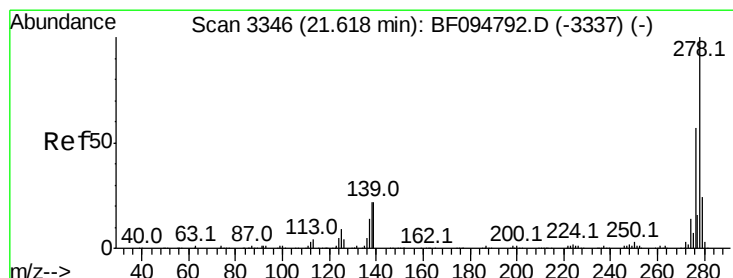
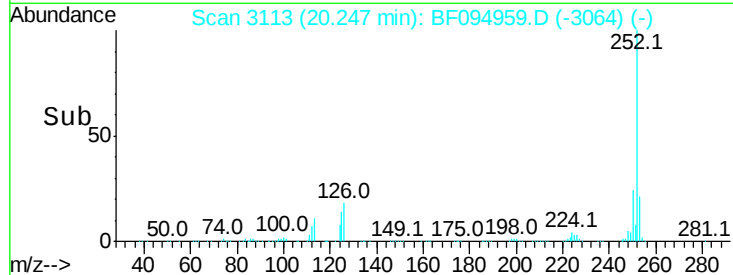
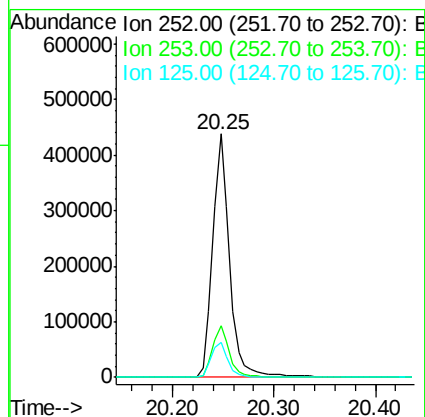
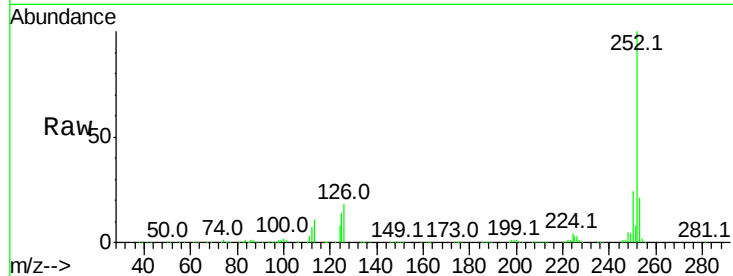




#89
Benzo(a)pyrene
Concen: 47.70 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094959.D
Acq: 6 May 2017 14:02

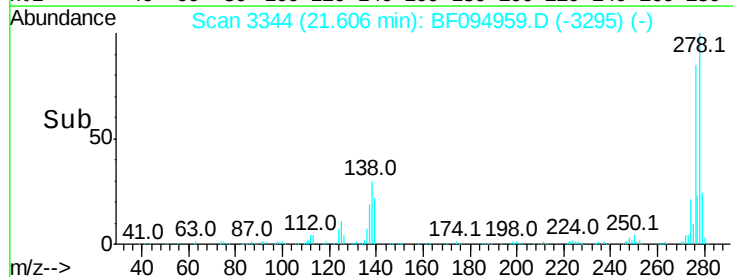
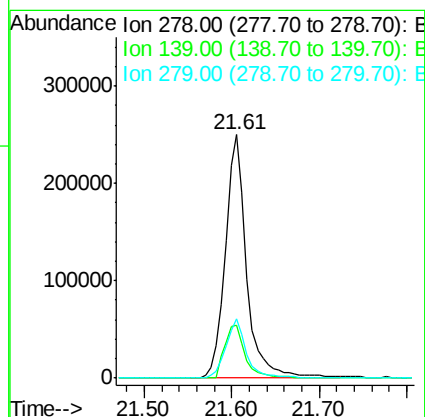
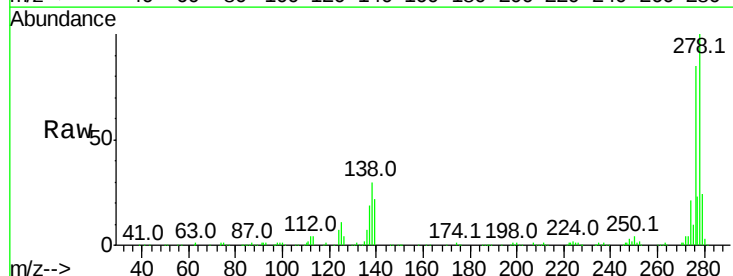
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 505089
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 14.2 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 48.15 ng
RT: 21.61 min Scan# 3344
Delta R.T. -0.01 min
Lab File: BF094959.D
Acq: 6 May 2017 14:02

Tgt Ion:278 Resp: 421122
Ion Ratio Lower Upper
278 100
139 21.7 16.6 24.8
279 24.5 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 53.34 ng

RT: 21.97 min Scan# 3406

Delta R.T. -0.01 min

Lab File: BF094959.D

Acq: 6 May 2017 14:02

Instrument :

BNA_F

ClientSampleId :

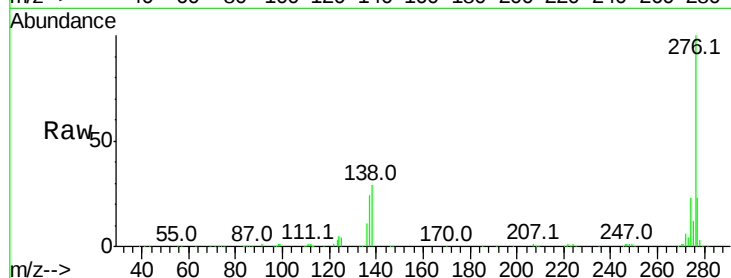
Tot Ion:276 Resp: 457758

Ion Ratio Lower Upper

276 100

277 23.0 18.6 28.0

138 28.6 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

