

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060117\
 Data File : BF095599.D
 Acq On : 1 Jun 2017 17:32
 Operator : SJ/MA
 Sample : I3379-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S22-0027

Quant Time: Jun 17 00:46:09 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 17 00:02:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	96628	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	378057	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	182544	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	322168	20.00	ng	0.00
75) Chrysene-d12	18.50	240	292518	20.00	ng	0.00
86) Perylene-d12	20.17	264	216968	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	310880	53.64	ng	0.01
7) Phenol-d6	7.10	99	256499	36.88	ng	0.00
23) Nitrobenzene-d5	8.45	82	584870	97.55	ng	-0.01
41) 2,4,6-Tribromophenol	13.70	330	211217	141.28	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	1191328	93.94	ng	0.00
78) Terphenyl-d14	17.15	244	1010600	76.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.82	88	154	0.054	ng	# 1
4) n-Nitrosodimethylamine	2.29	42	455	0.166	ng	# 1
6) Aniline	7.10	93	114	0.013	ng	# 1
10) Phenol	7.13	94	1003	0.137	ng	# 1
11) bis(2-Chloroethyl)ether	7.19	93	772	0.128	ng	# 1
13) 1,4-Dichlorobenzene	7.80	146	561	0.074	ng	# 1
14) 1,2-Dichlorobenzene	7.80	146	561	0.079	ng	# 8
15) Benzyl Alcohol	7.77	79	9107	2.036	ng	# 45
18) Hexachloroethane	8.44	117	1527	0.594	ng	# 1
19) n-Nitroso-di-n-propylamine	8.45	70	69563	14.791	ng	# 74
22) Acetophenone	8.20	105	1730	0.191	ng	# 46
24) Nitrobenzene	8.51	77	229	0.036	ng	# 39
25) Isophorone	8.89	82	116	0.011	ng	# 67
31) Naphthalene	9.50	128	381	0.020	ng	# 1
33) 4-Chloroaniline	9.83	127	713	0.101	ng	# 44
36) 4-Chloro-3-methylphenol	10.63	107	271	0.049	ng	# 14
45) 1,1'-Biphenyl	11.52	154	1456	0.095	ng	# 81
47) 2-Nitroaniline	11.82	65	108	0.032	ng	# 7
49) Dimethylphthalate	12.04	163	34701	2.316	ng	# 94
50) 2,6-Dinitrotoluene	12.39	165	21965	7.184	ng	# 31
51) Acenaphthene	12.39	154	336	0.029	ng	# 4
55) 4-Nitrophenol	12.92	139	109	0.055	ng	# 10
59) Diethylphthalate	13.19	149	2827	0.197	ng	# 91
62) Azobenzene	13.58	77	996	0.086	ng	# 50
64) 4,6-Dinitro-2-methylphenol	13.69	198	404	0.187	ng	# 17
65) n-Nitrosodiphenylamine	13.69	169	7630	0.653	ng	# 45
72) Carbazole	15.32	167	107	0.006	ng	# 58
73) Di-n-butylphthalate	15.79	149	7651	0.357	ng	# 91
74) Fluoranthene	16.64	202	120	0.006	ng	# 62
77) Pyrene	16.93	202	108	0.005	ng	# 56
79) Butylbenzylphthalate	17.81	149	478	0.047	ng	# 1
80) Benzo(a)anthracene	18.49	228	1032	0.061	ng	# 50
82) Chrysene	18.53	228	1661	0.101	ng	# 49
83) Bis(2-ethylhexyl)phthalate	18.55	149	2691	0.186	ng	# 91

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Misc :
ALS Vial : 8 Sample Multiplier: 1

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BNA_F
ClientSampleId :
S22-0027

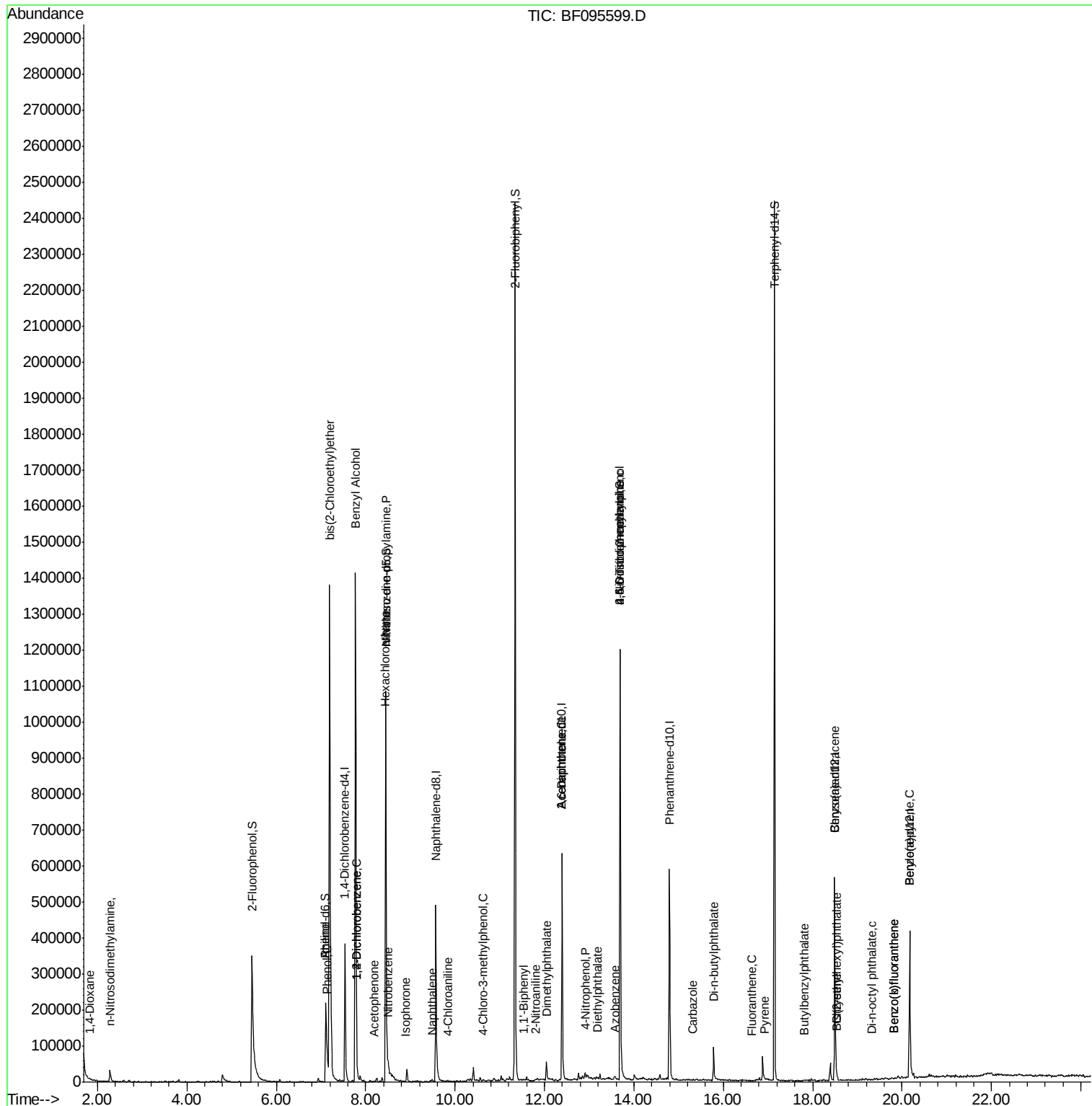
Quant Time: Jun 17 00:46:09 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 17 00:02:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Di-n-octyl phthalate	19.33	149	121	0.005	ng	# 75
87) Benzo(b)fluoranthene	19.81	252	147	0.011	ng	# 59
88) Benzo(k)fluoranthene	19.81	252	147	0.011	ng	# 56
89) Benzo(a)pyrene	20.17	252	653	0.053	ng	# 59

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

```
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Data File : BF095599.D  
Acq On    : 1 Jun 2017 17:32  
Operator  : SJ/MA  
Sample    : I3379-03  
Misc      :  
ALS Vial  : 8 Sample Multiplier: 1
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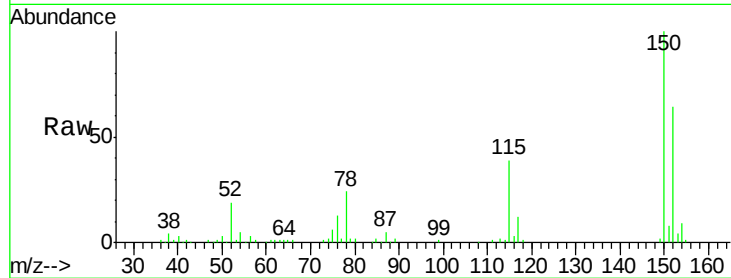


#1

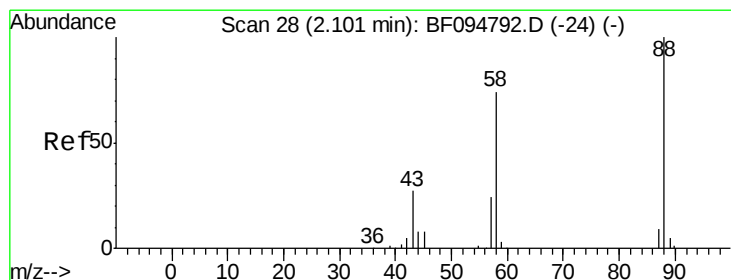
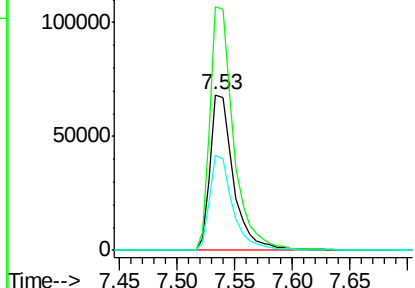
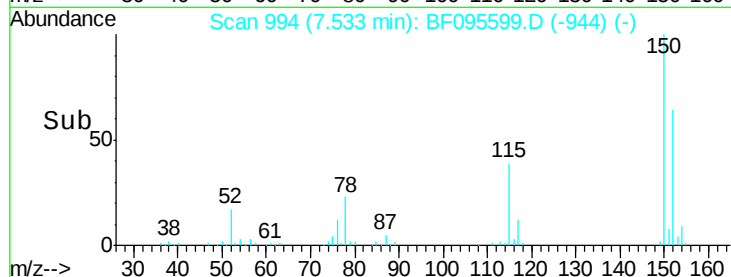
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.53 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF095599.D
 Acq: 1 Jun 2017 17:32

Instrument :
 BNA_F
 ClientSampleId :
 S22-0027

Tgt Ion: 152 Resp: 96628
 Ion Ratio Lower Upper
 152 100
 150 156.6 126.2 189.2
 115 61.0 52.2 78.2



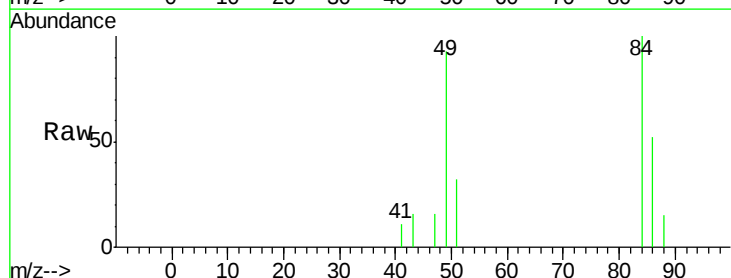
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



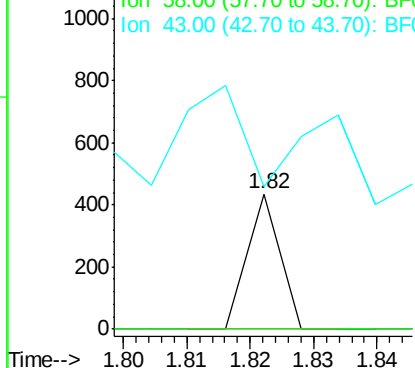
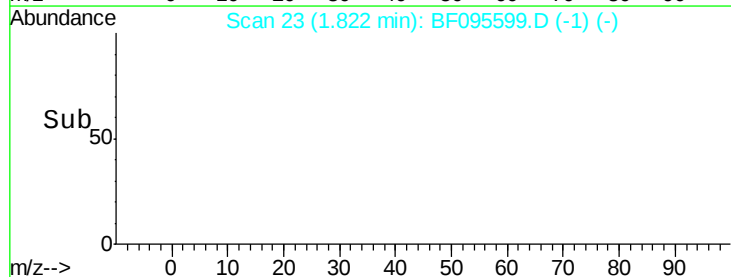
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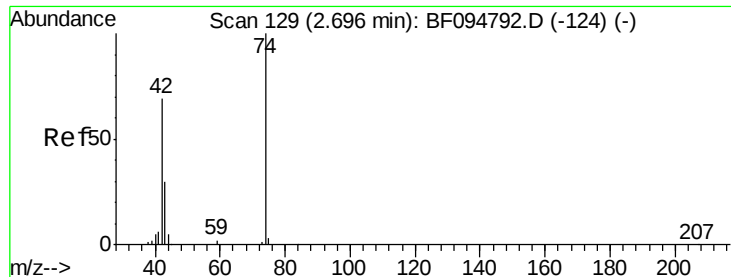
1,4-Dioxane
 Concen: 0.054 ng
 RT: 1.82 min Scan# 23
 Delta R.T. -0.03 min
 Lab File: BF095599.D
 Acq: 1 Jun 2017 17:32

Tgt Ion: 88 Resp: 154
 Ion Ratio Lower Upper
 88 100
 58 0.0 61.4 92.0#
 43 288.3 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





#4

n-Nitrosodimethylamine

Concen: 0.166 ng

RT: 2.29 min Scan# 102

Delta R.T. -0.13 min

Lab File: BF095599.D

Acq: 1 Jun 2017 17:32

Instrument :

BNA_F

ClientSampleId :

S22-0027

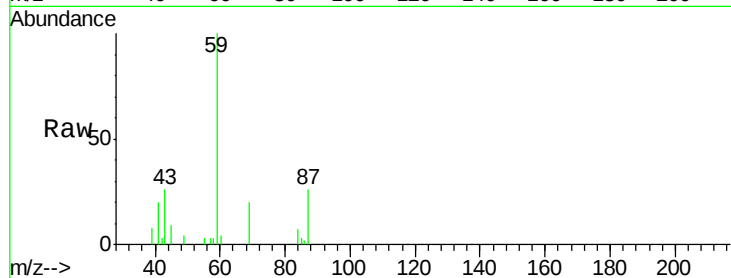
Tgt Ion: 42 Resp: 455

Ion Ratio Lower Upper

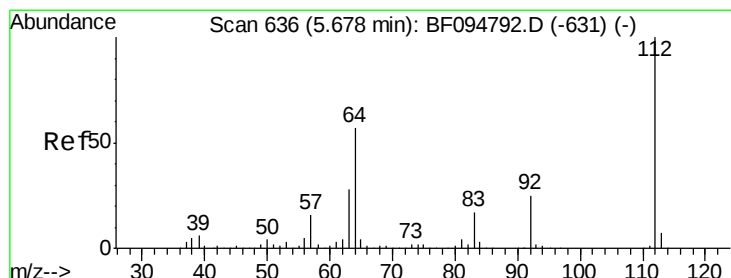
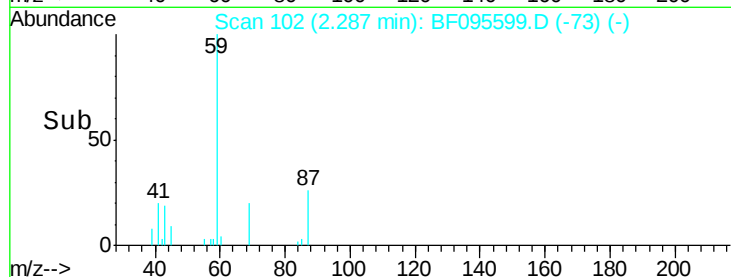
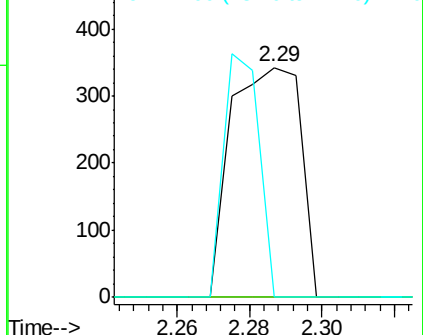
42 100

74 0.0 103.9 155.9#

44 0.0 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: 53.639 ng

RT: 5.46 min Scan# 641

Delta R.T. 0.01 min

Lab File: BF095599.D

Acq: 1 Jun 2017 17:32

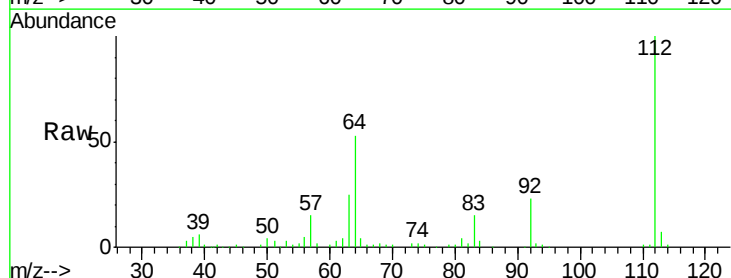
Tgt Ion: 112 Resp: 310880

Ion Ratio Lower Upper

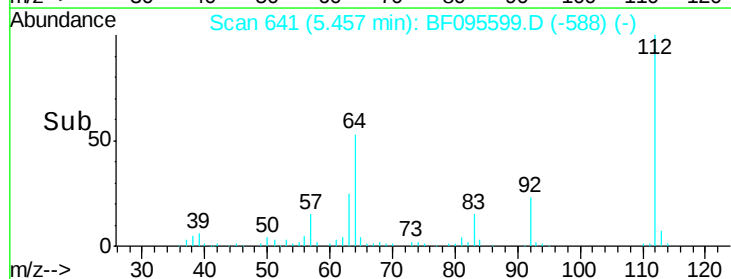
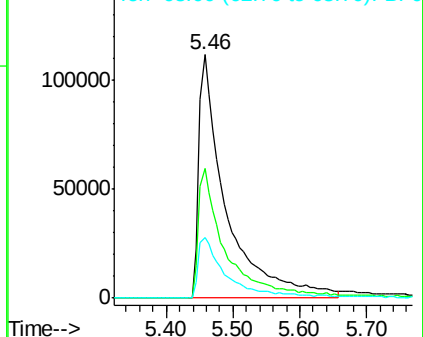
112 100

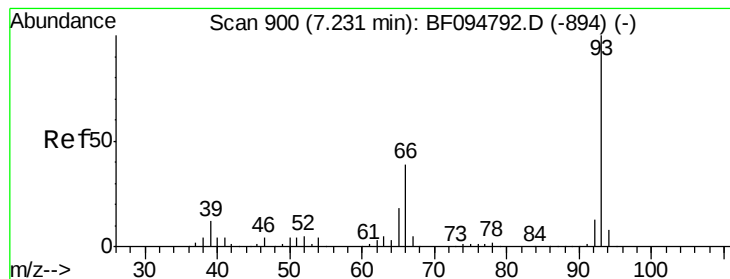
64 53.2 46.0 69.0

63 24.9 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





#6

Aniline

Concen: 0.013 ng

RT: 7.10 min Scan# 920

Delta R.T. 0.06 min

Lab File: BF095599.D

Acq: 1 Jun 2017 17:32

Instrument :

BNA_F

ClientSampleId :

S22-0027

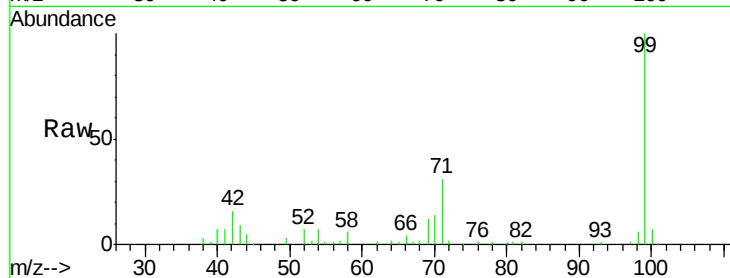
Tgt Ion: 93 Resp: 114

Ion Ratio Lower Upper

93 100

66 890.1 32.9 49.3#

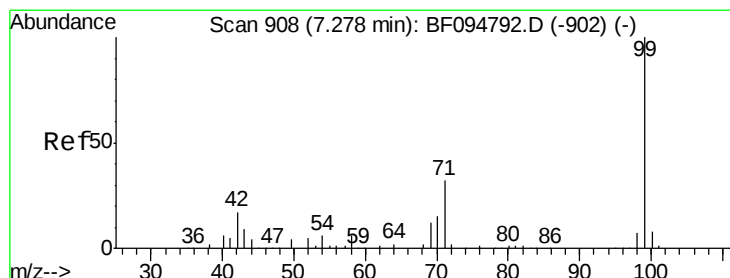
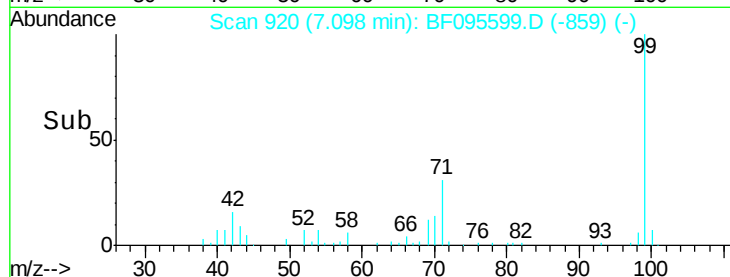
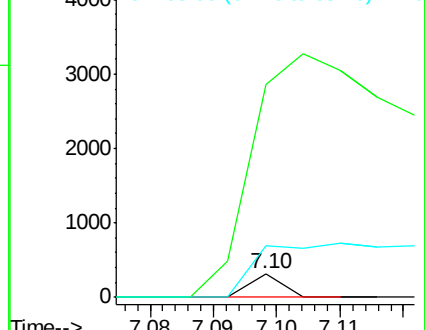
65 216.8 16.0 24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 36.885 ng

RT: 7.10 min Scan# 921

Delta R.T. 0.01 min

Lab File: BF095599.D

Acq: 1 Jun 2017 17:32

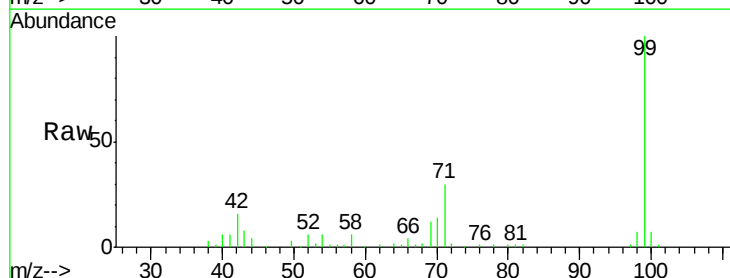
Tgt Ion: 99 Resp: 256499

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

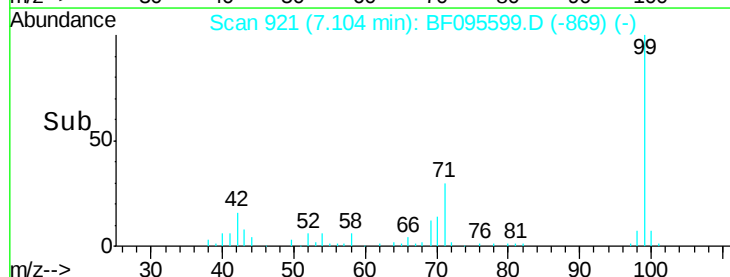
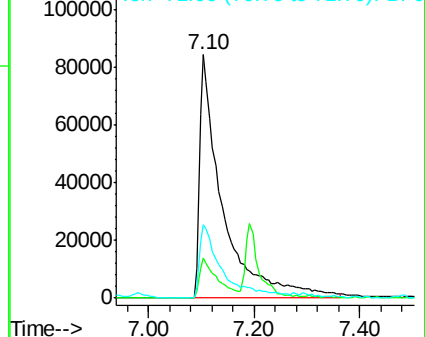
71 30.4 24.5 36.7

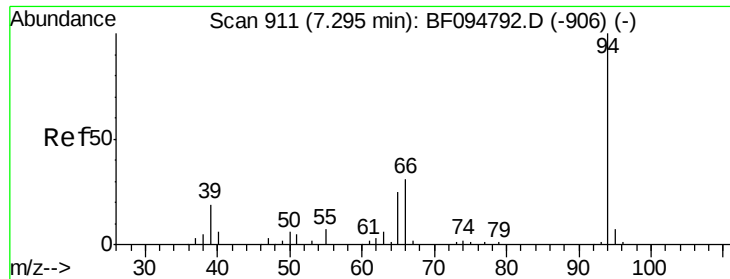


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

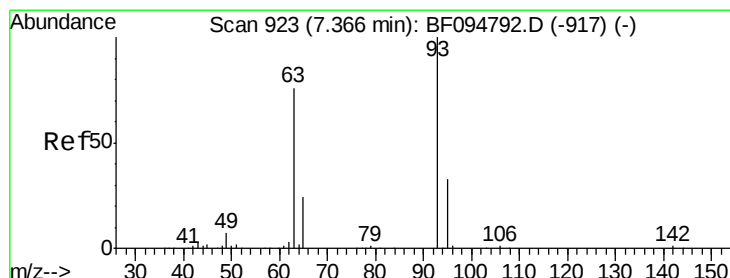
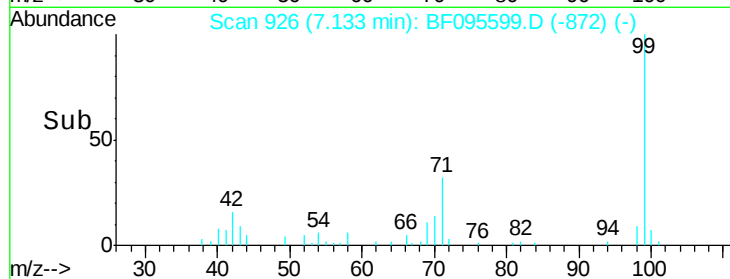
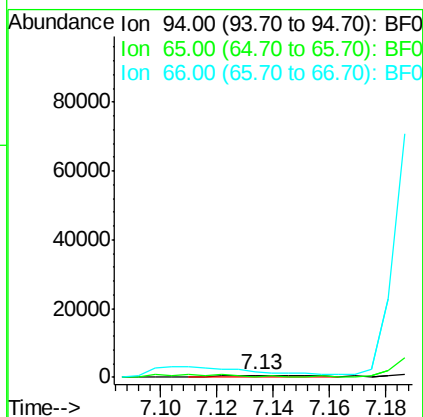
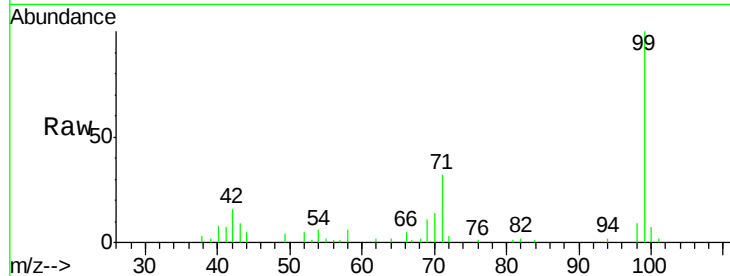




#10
Phenol
Concen: 0.137 ng
RT: 7.13 min Scan# 926
Delta R.T. 0.02 min
Lab File: BF095599.D
Acq: 1 Jun 2017 17:32

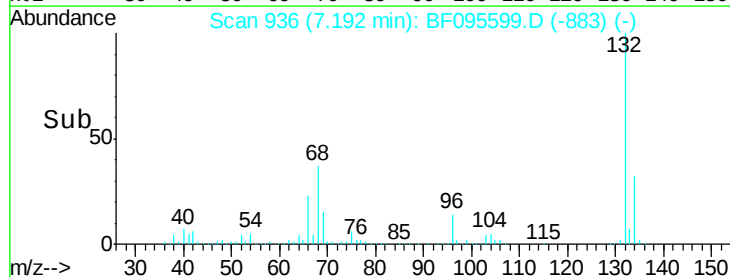
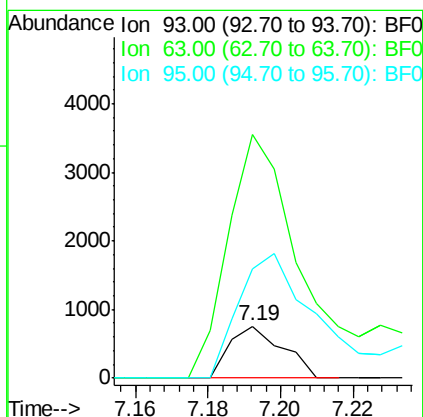
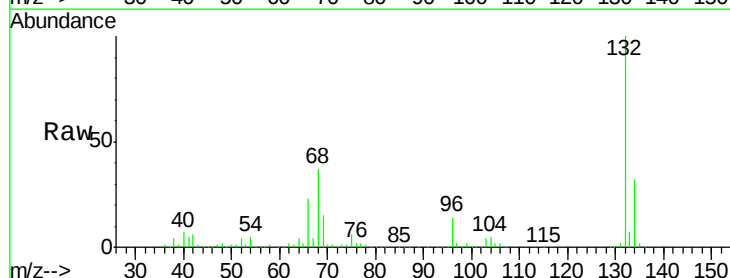
Instrument :
BNA_F
ClientSampleId :
S22-0027

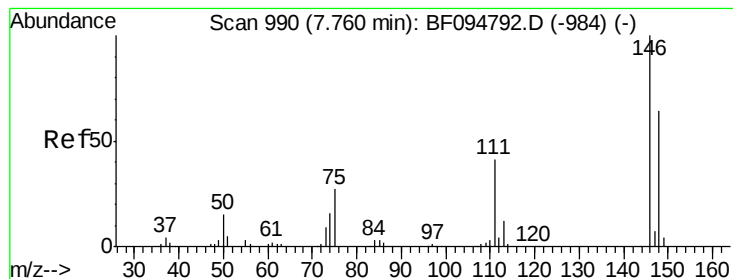
Tgt Ion: 94 Resp: 1003
Ion Ratio Lower Upper
94 100
65 0.0 9.9 49.9#
66 309.9 23.1 63.1#



#11
bis(2-Chloroethyl)ether
Concen: 0.128 ng
RT: 7.19 min Scan# 936
Delta R.T. 0.01 min
Lab File: BF095599.D
Acq: 1 Jun 2017 17:32

Tgt Ion: 93 Resp: 772
Ion Ratio Lower Upper
93 100
63 467.2 59.2 99.2#
95 209.6 12.8 52.8#





#13

1,4-Dichlorobenzene

Concen: 0.074 ng

RT: 7.80 min Scan# 1039

Delta R.T. 0.23 min

Lab File: BF095599.D

Acq: 1 Jun 2017 17:32

Instrument :

BNA_F

ClientSampleId :

S22-0027

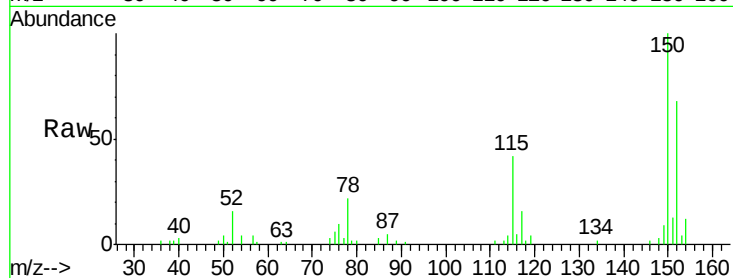
Tgt Ion:146 Resp: 561

Ion Ratio Lower Upper

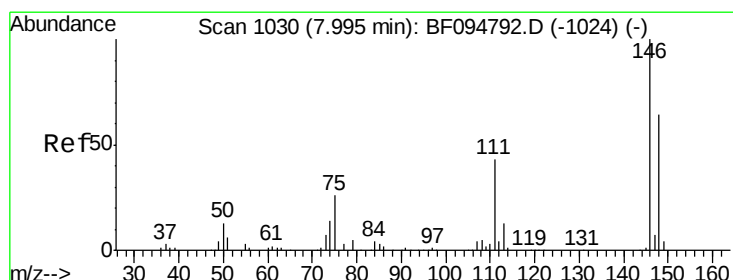
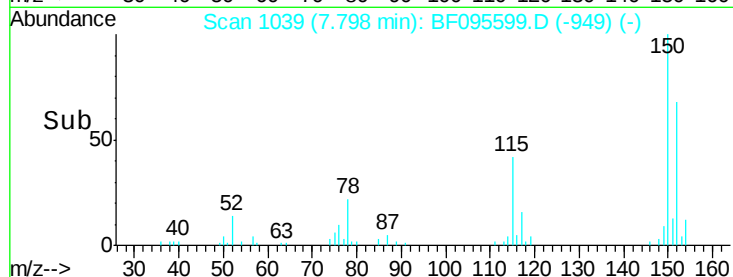
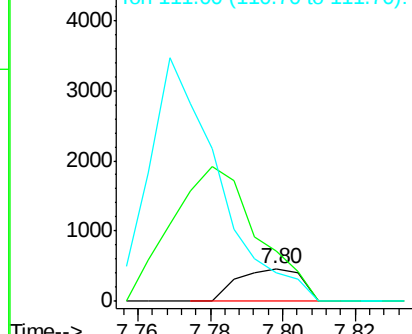
146 100

148 153.1 52.2 78.2#

111 88.1 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: 0.079 ng

RT: 7.80 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF095599.D

Acq: 1 Jun 2017 17:32

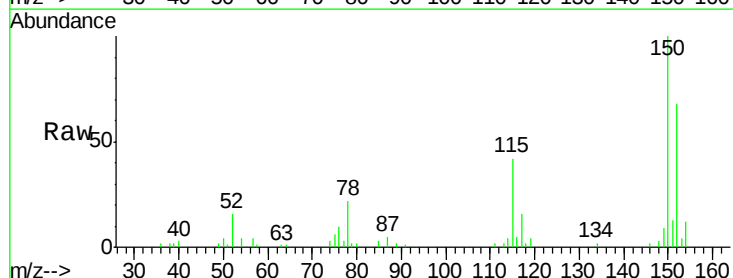
Tgt Ion:146 Resp: 561

Ion Ratio Lower Upper

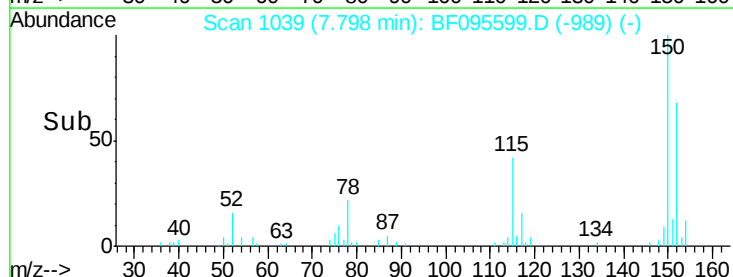
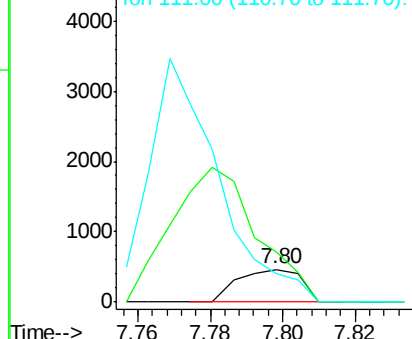
146 100

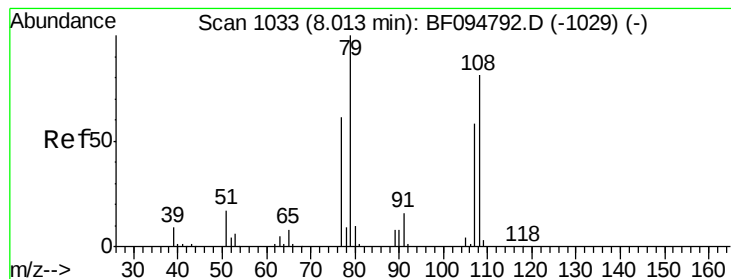
148 153.1 50.4 75.6#

111 88.1 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: 2.036 ng

RT: 7.77 min Scan# 1034

Delta R.T. -0.07 min

Lab File: BF095599.D

Acq: 1 Jun 2017 17:32

Instrument :

BNA_F

ClientSampleId :

S22-0027

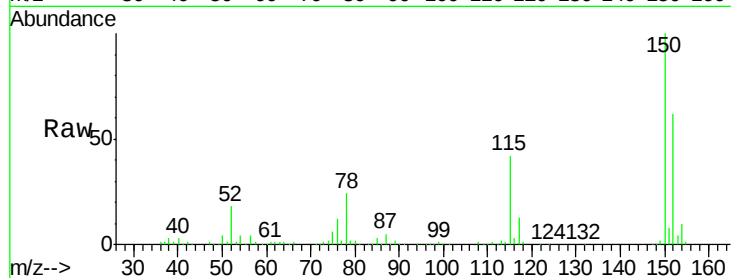
Tgt Ion: 79 Resp: 9107

Ion Ratio Lower Upper

79 100

108 28.3 63.4 95.0#

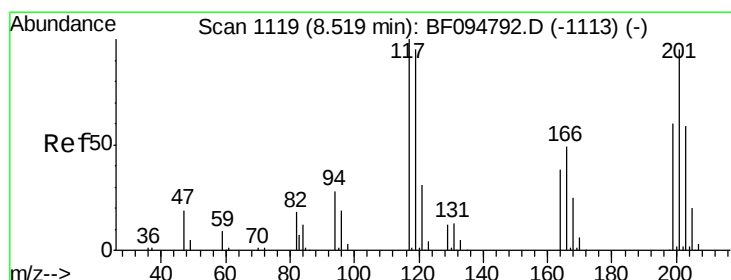
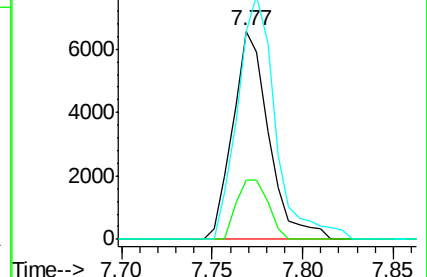
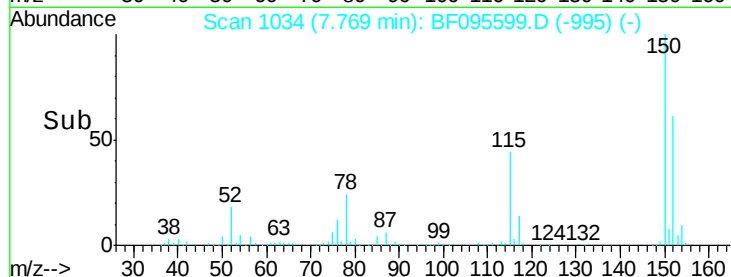
77 100.1 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 0.594 ng

RT: 8.44 min Scan# 1148

Delta R.T. 0.12 min

Lab File: BF095599.D

Acq: 1 Jun 2017 17:32

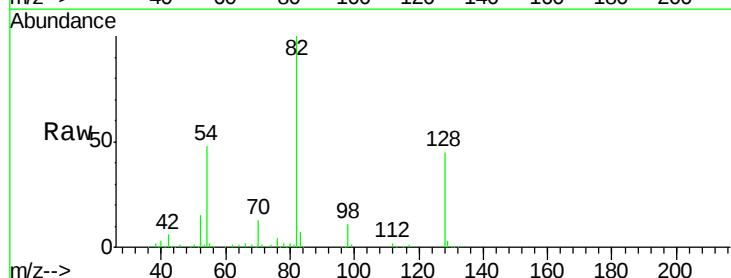
Tgt Ion: 117 Resp: 1527

Ion Ratio Lower Upper

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119 0.0 77.4 116.0#

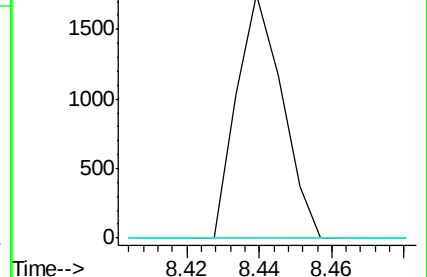
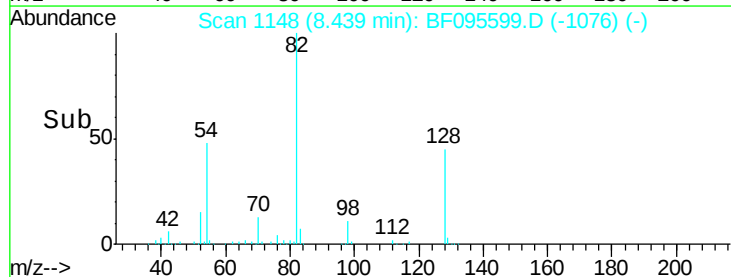
201 0.0 94.6 141.8#

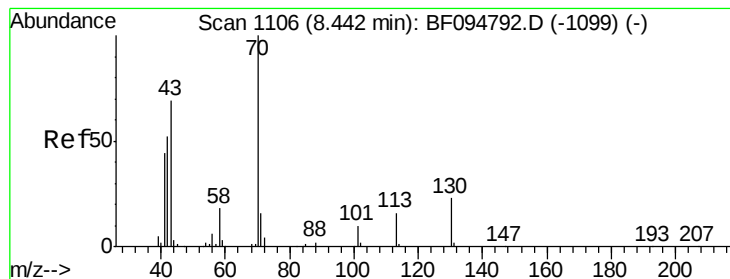


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 14.791 ng

RT: 8.45 min Scan# 1150

Delta R.T. 0.18 min

Lab File: BF095599.D

Acq: 1 Jun 2017 17:32

Instrument :

BNA_F

ClientSampleId :

S22-0027

Tgt Ion: 70 Resp: 69563

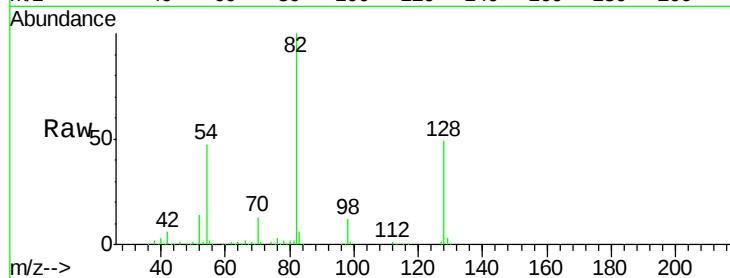
Ion Ratio Lower Upper

70 100

42 42.3 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

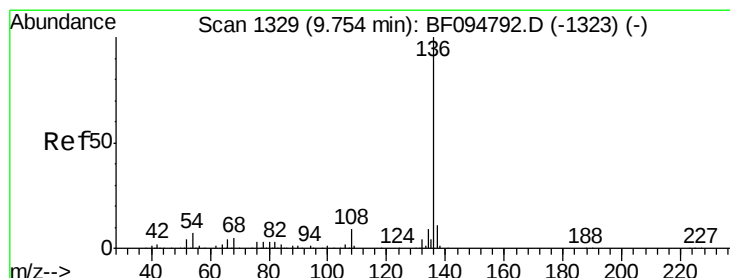
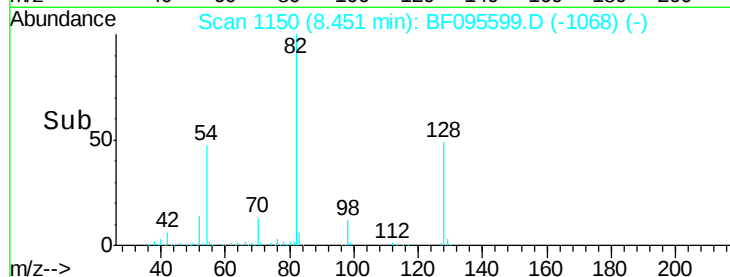
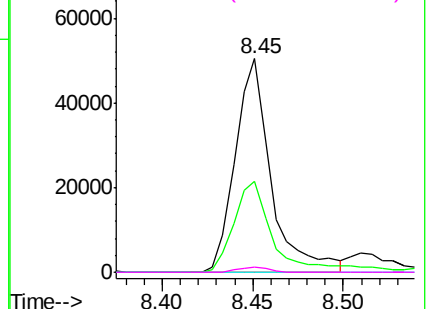


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 9.57 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF095599.D

Acq: 1 Jun 2017 17:32

Tgt Ion: 136 Resp: 378057

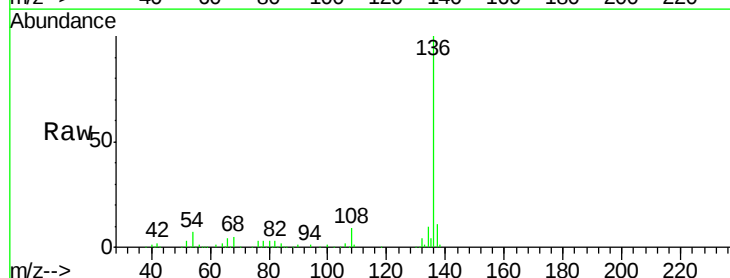
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.6 4.9 7.3

68 5.5 4.1 6.1

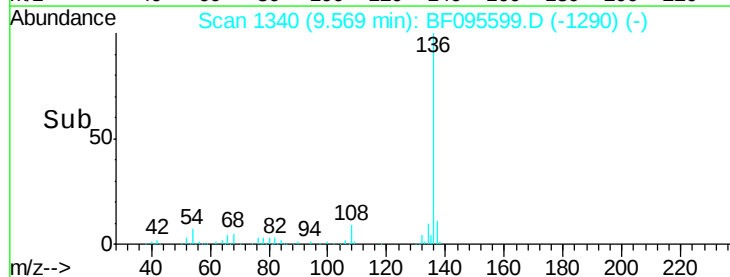
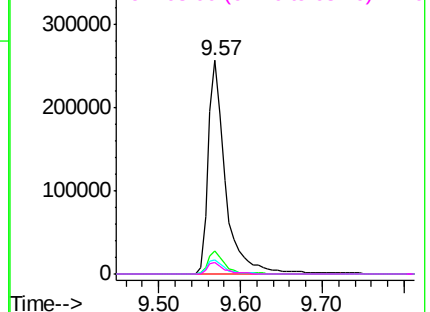


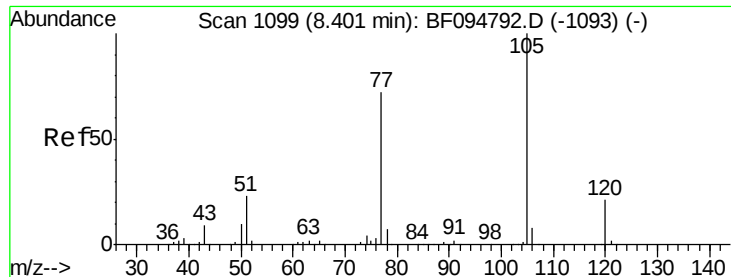
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.191 ng

RT: 8.20 min Scan# 1107

Delta R.T. -0.04 min

Lab File: BF095599.D

Acq: 1 Jun 2017 17:32

Instrument :

BNA_F

ClientSampleId :

S22-0027

Tgt Ion: 105 Resp: 1730

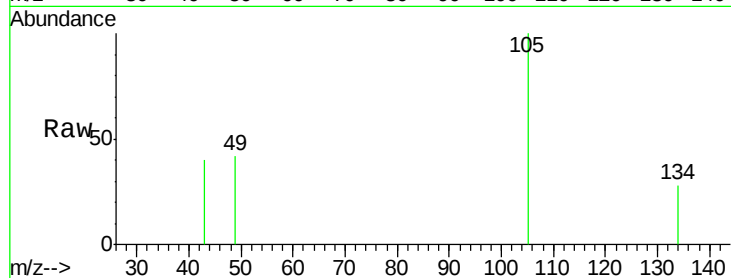
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 0.0 30.7 46.1#

120 0.0 17.4 26.0#

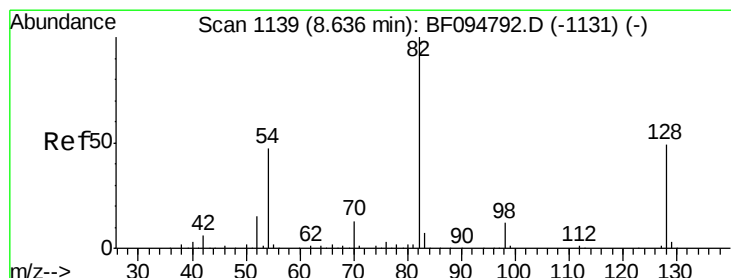
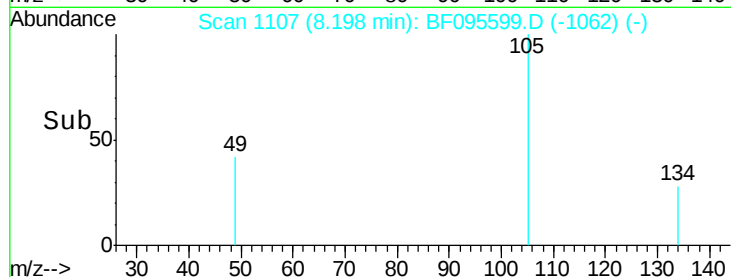
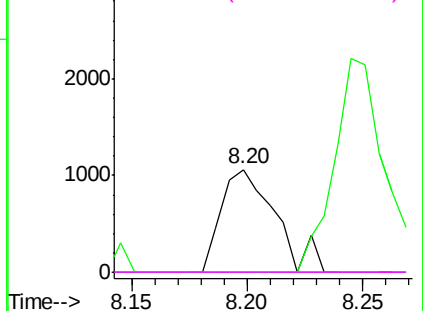


Abundance Ion 105.00 (104.70 to 105.70): E

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: 97.554 ng

RT: 8.45 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF095599.D

Acq: 1 Jun 2017 17:32

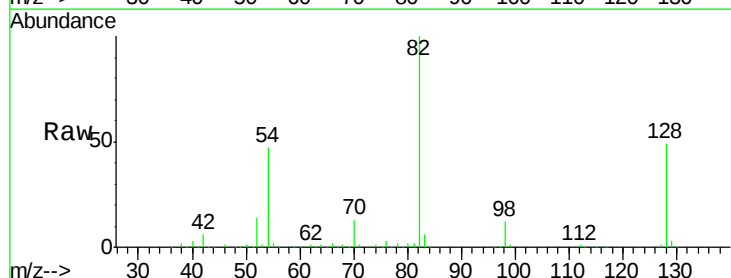
Tgt Ion: 82 Resp: 584870

Ion Ratio Lower Upper

82 100

128 48.6 34.0 51.0

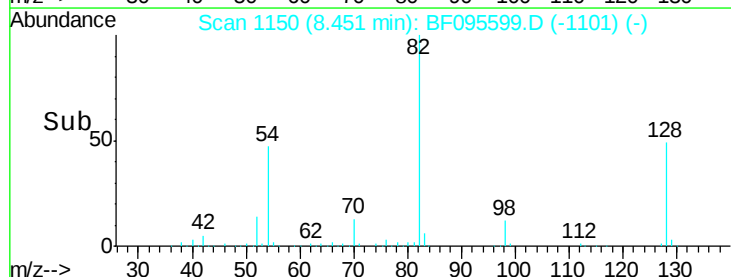
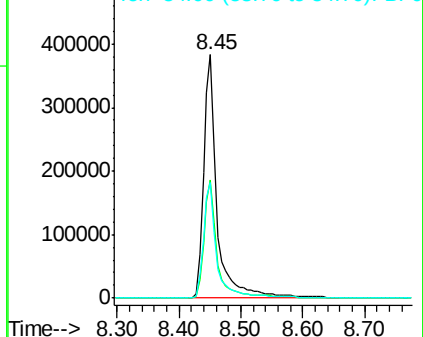
54 47.3 42.2 63.2

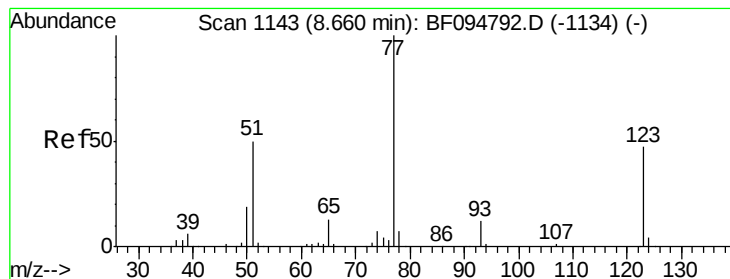


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 0.036 ng

RT: 8.51 min Scan# 1160

Delta R.T. 0.02 min

Lab File: BF095599.D

Acq: 1 Jun 2017 17:32

Instrument :

BNA_F

ClientSampleId :

S22-0027

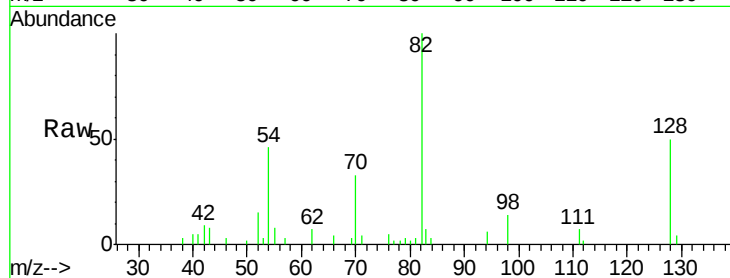
Tgt Ion: 77 Resp: 229

Ion Ratio Lower Upper

77 100

123 0.0 35.8 53.8#

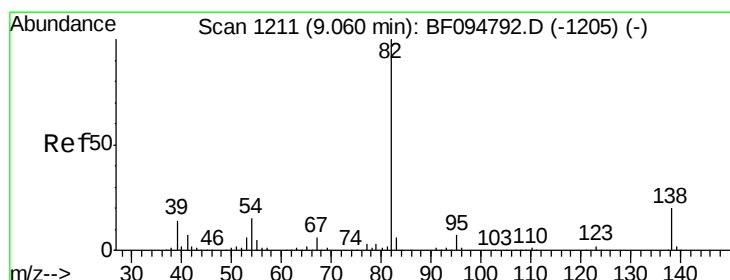
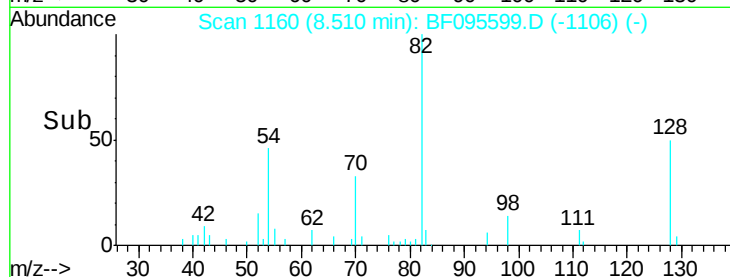
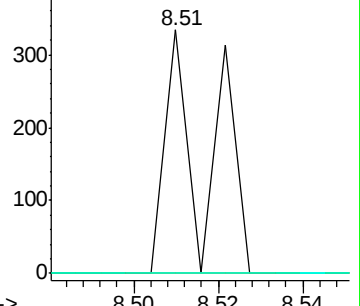
65 0.0 10.6 15.8#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 0.011 ng

RT: 8.89 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF095599.D

Acq: 1 Jun 2017 17:32

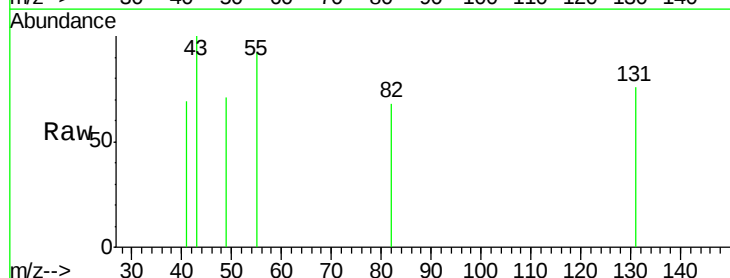
Tgt Ion: 82 Resp: 116

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

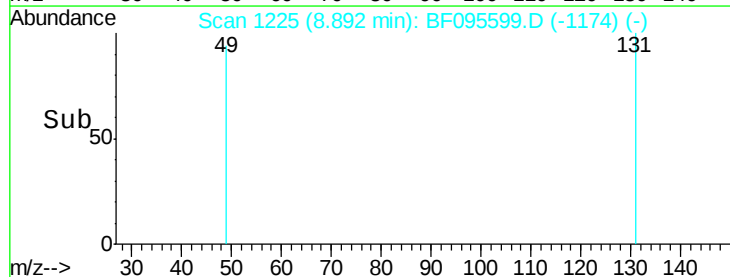
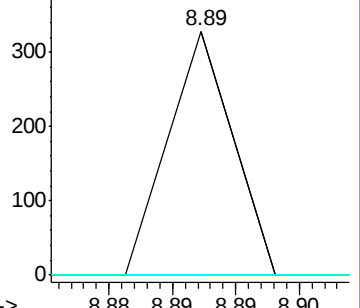
138 0.0 13.1 19.7#

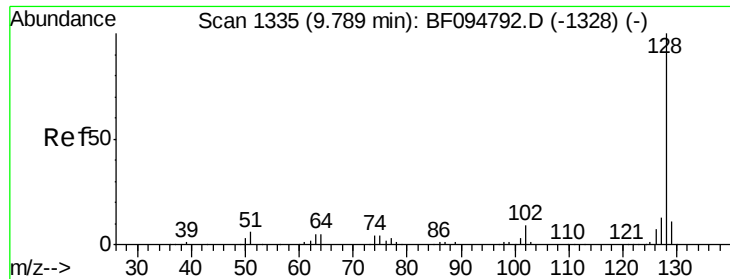


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#31

Naphthalene

Concen: 0.020 ng

RT: 9.50 min Scan# 1328

Delta R.T. -0.11 min

Lab File: BF095599.D

Acq: 1 Jun 2017 17:32

Instrument :

BNA_F

ClientSampleId :

S22-0027

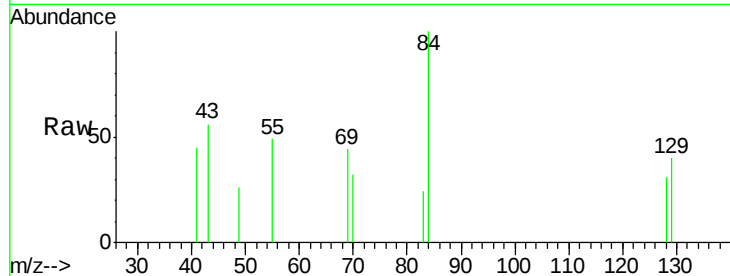
Tgt Ion:128 Resp: 381

Ion Ratio Lower Upper

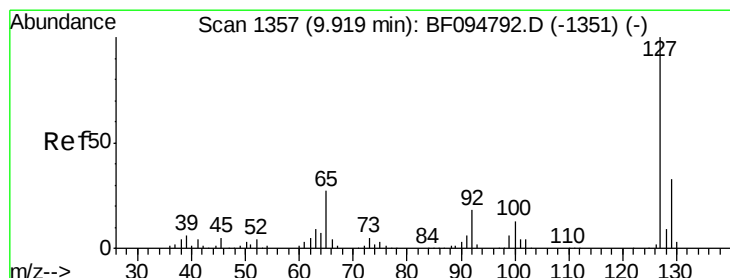
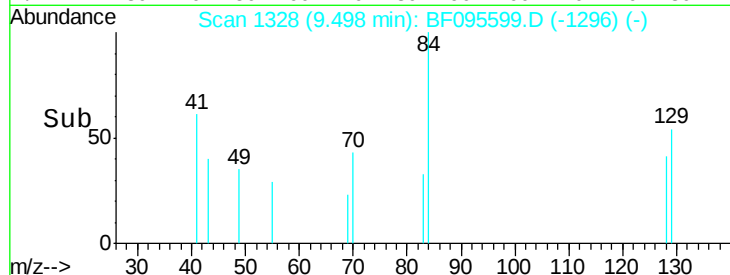
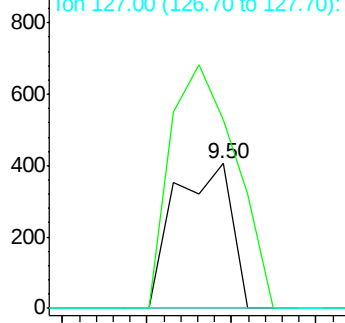
128 100

129 130.1 9.0 13.6#

127 0.0 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



#33

4-Chloroaniline

Concen: 0.101 ng

RT: 9.83 min Scan# 1385

Delta R.T. 0.08 min

Lab File: BF095599.D

Acq: 1 Jun 2017 17:32

Tgt Ion:127 Resp: 713

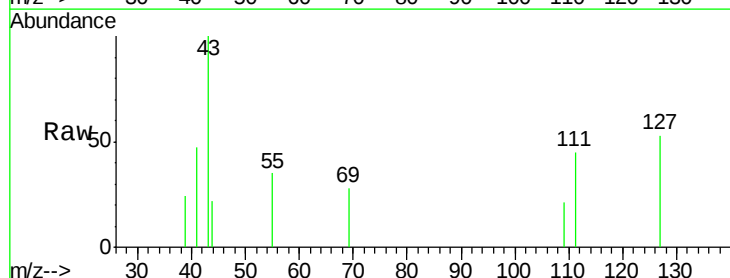
Ion Ratio Lower Upper

127 100

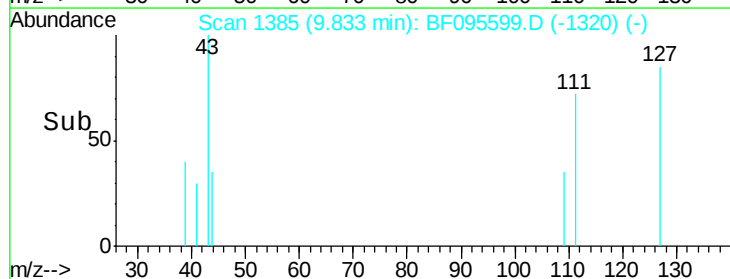
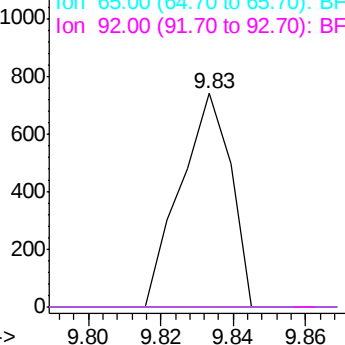
129 0.0 26.2 39.2#

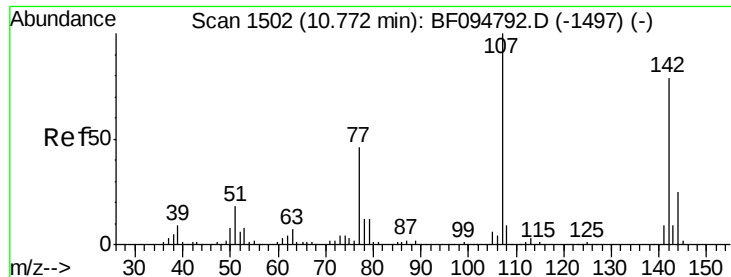
65 0.0 27.8 41.8#

92 0.0 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

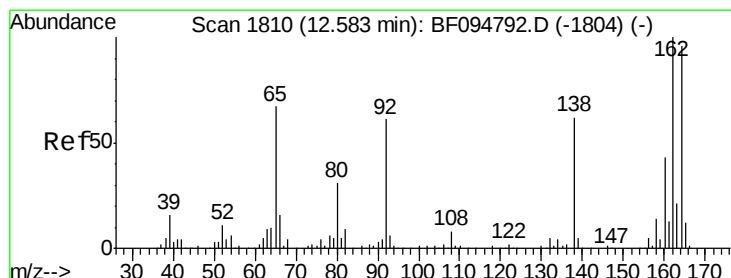
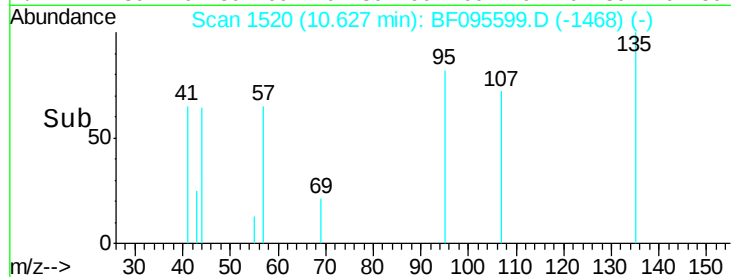
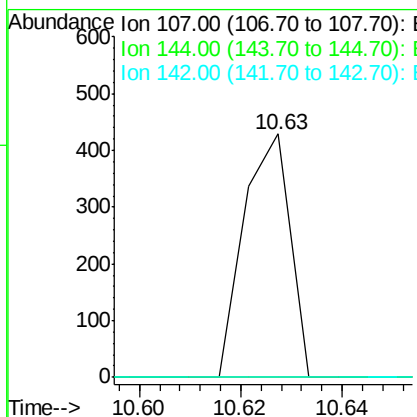
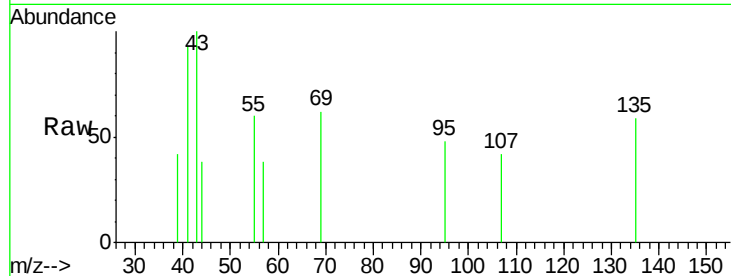




#36
 4-Chloro-3-methylphenol
 Concen: 0.049 ng
 RT: 10.63 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF095599.D
 Acq: 1 Jun 2017 17:32

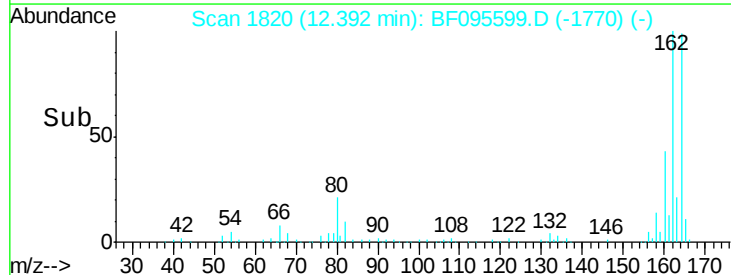
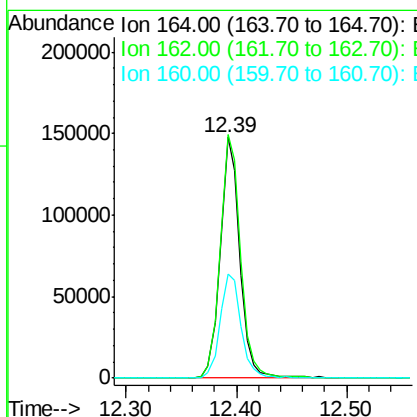
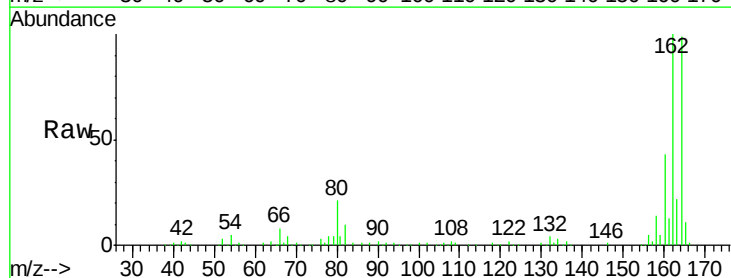
Instrument :
 BNA_F
 ClientSampleId :
 S22-0027

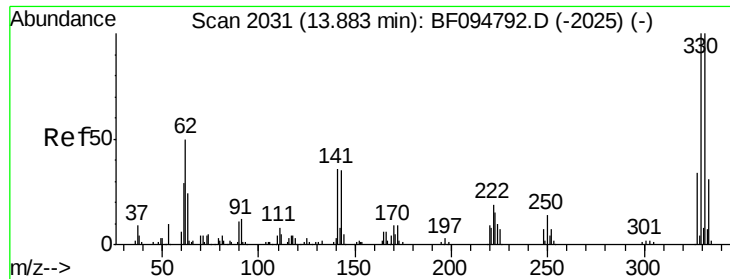
Tgt Ion:107 Resp: 271
 Ion Ratio Lower Upper
 107 100
 144 0.0 24.2 36.4#
 142 0.0 73.4 110.0#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF095599.D
 Acq: 1 Jun 2017 17:32

Tgt Ion:164 Resp: 182544
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.6 123.8
 160 43.4 36.2 54.2

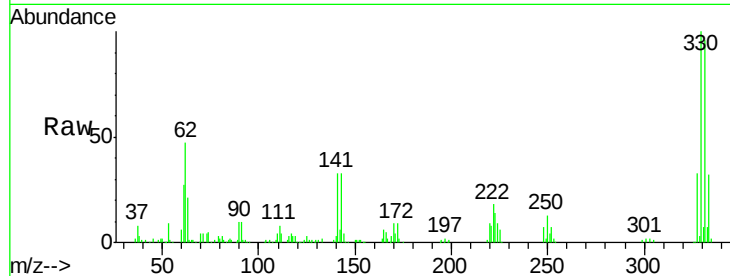




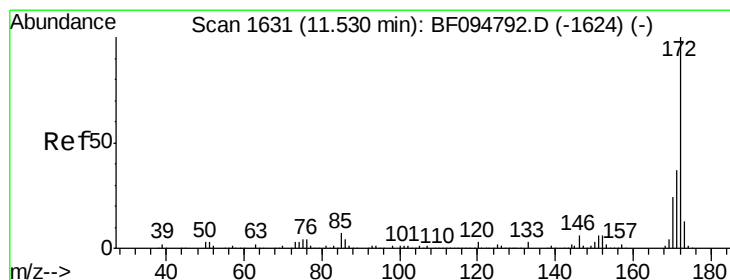
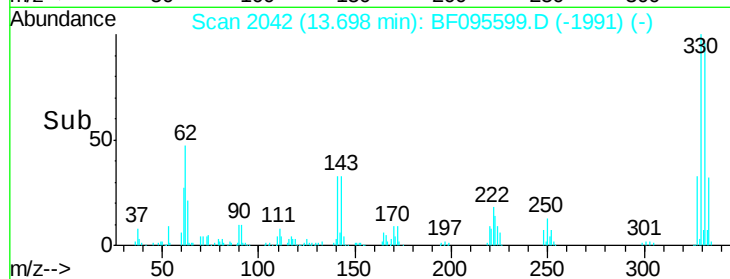
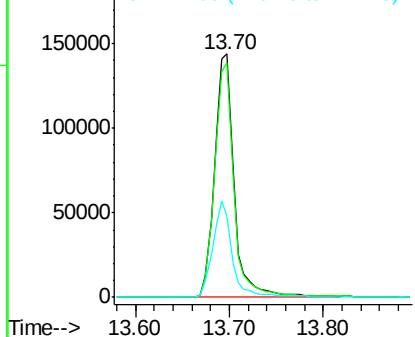
#41
 2,4,6-Tribromophenol
 Concen: 141.284 ng
 RT: 13.70 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BF095599.D
 Acq: 1 Jun 2017 17:32

Instrument :
 BNA_F
 ClientSampleId :
 S22-0027

Tgt Ion:330 Resp: 211217
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 39.3 31.4 47.2

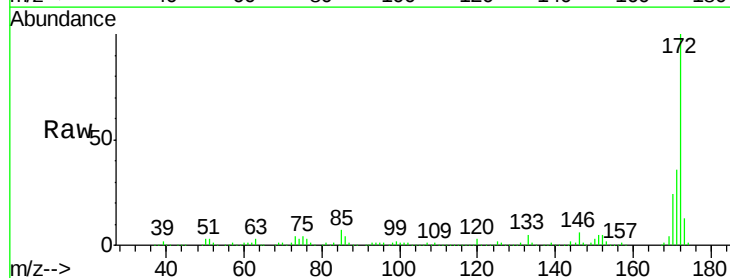


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

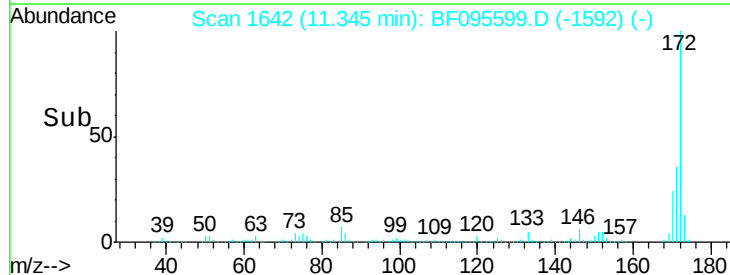
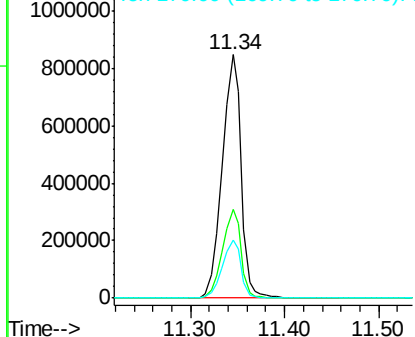


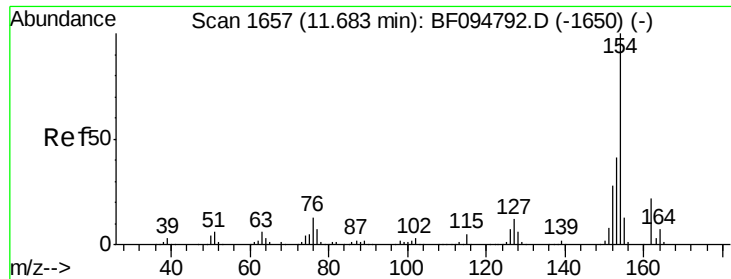
#44
 2-Fluorobiphenyl
 Concen: 93.935 ng
 RT: 11.34 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF095599.D
 Acq: 1 Jun 2017 17:32

Tgt Ion:172 Resp: 1191328
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.7 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

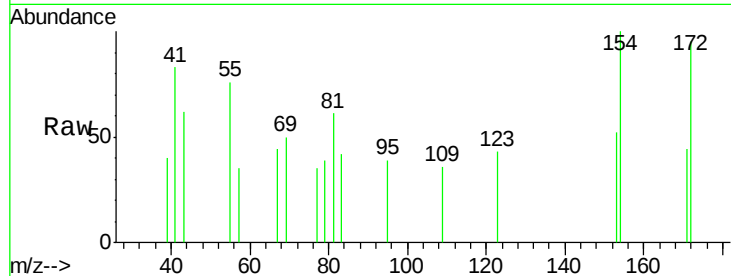




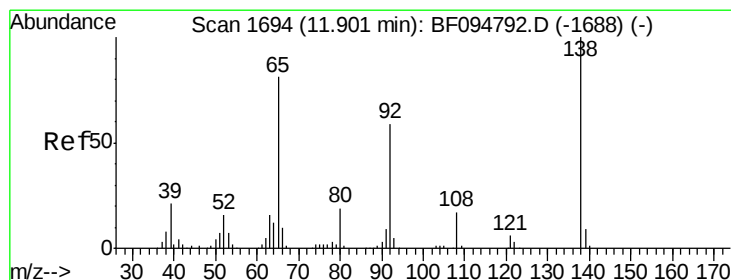
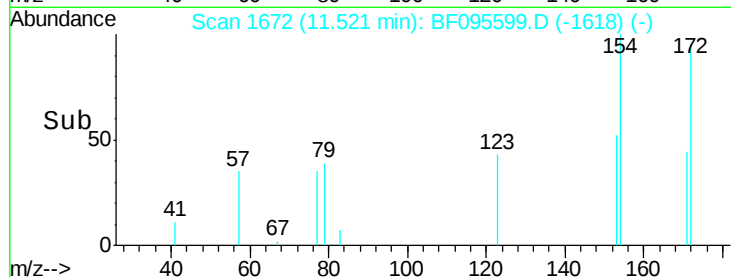
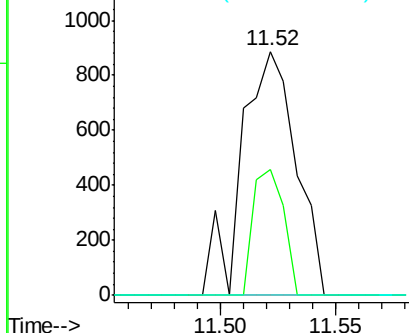
#45
1,1'-Biphenyl
Concen: 0.095 ng
RT: 11.52 min Scan# 1672
Delta R.T. 0.02 min
Lab File: BF095599.D
Acq: 1 Jun 2017 17:32

Instrument :
BNA_F
ClientSampleId :
S22-0027

Tgt Ion: 154 Resp: 1456
Ion Ratio Lower Upper
154 100
153 51.8 21.2 61.2
76 0.0 0.0 29.9

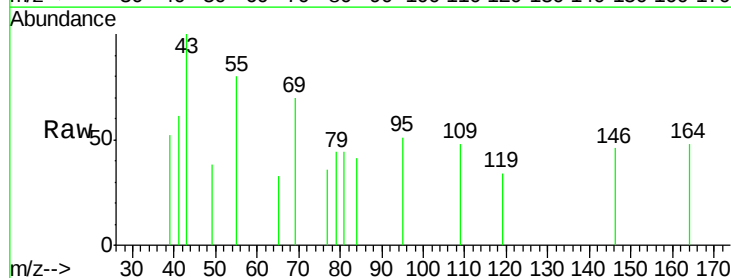


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

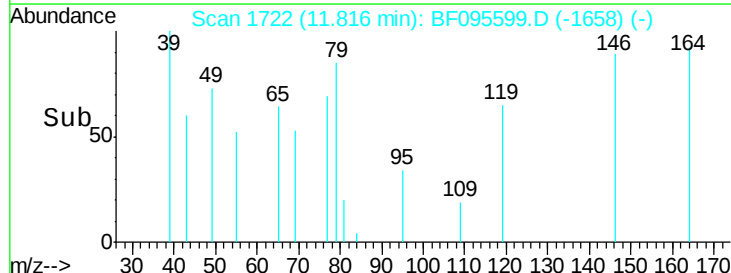
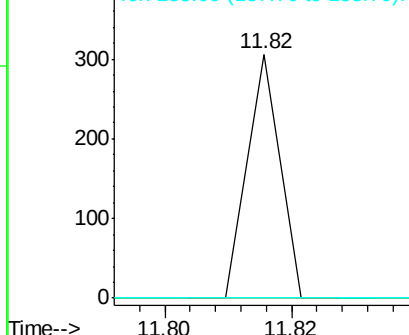


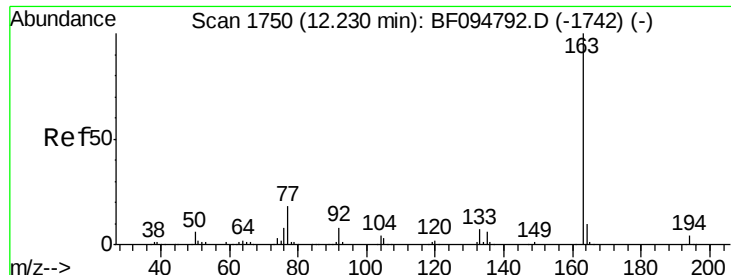
#47
2-Nitroaniline
Concen: 0.032 ng
RT: 11.82 min Scan# 1722
Delta R.T. 0.08 min
Lab File: BF095599.D
Acq: 1 Jun 2017 17:32

Tgt Ion: 65 Resp: 108
Ion Ratio Lower Upper
65 100
92 0.0 53.9 80.9#
138 0.0 78.8 118.2#



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





#49

Dimethylphthalate

Concen: 2.316 ng

RT: 12.04 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF095599.D

Acq: 1 Jun 2017 17:32

Instrument :

BNA_F

ClientSampleId :

S22-0027

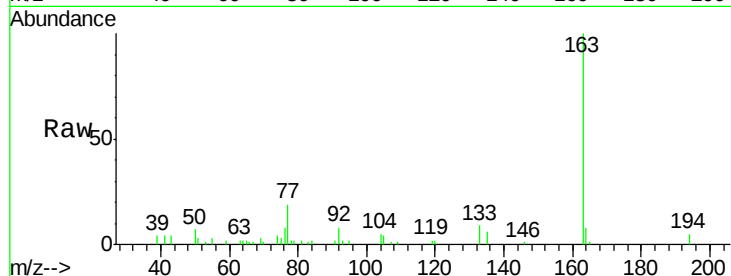
Tgt Ion:163 Resp: 34701

Ion Ratio Lower Upper

163 100

194 4.9 2.6 4.0#

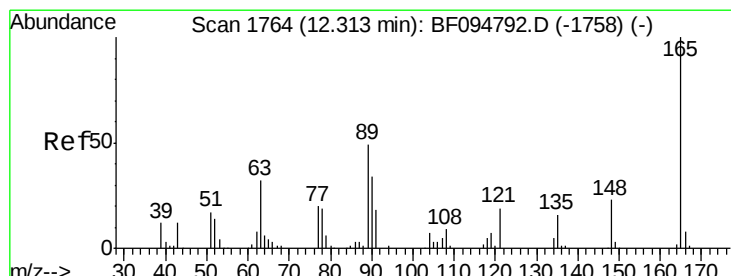
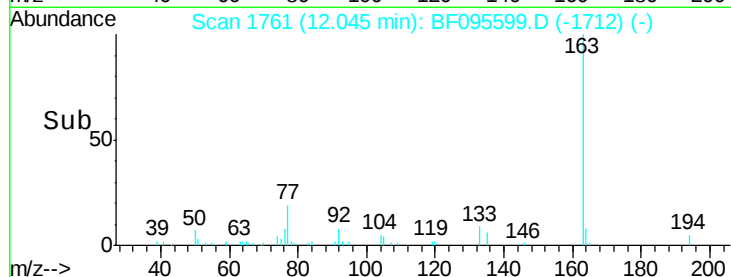
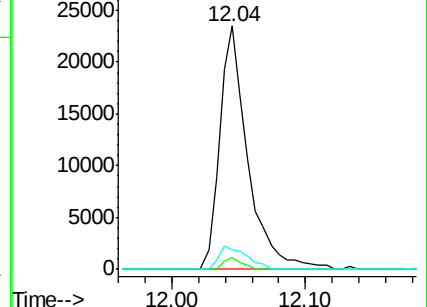
164 8.3 8.4 12.6#



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: 7.184 ng

RT: 12.39 min Scan# 1820

Delta R.T. 0.24 min

Lab File: BF095599.D

Acq: 1 Jun 2017 17:32

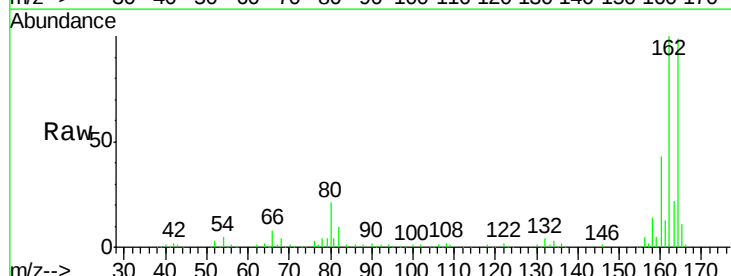
Tgt Ion:165 Resp: 21965

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

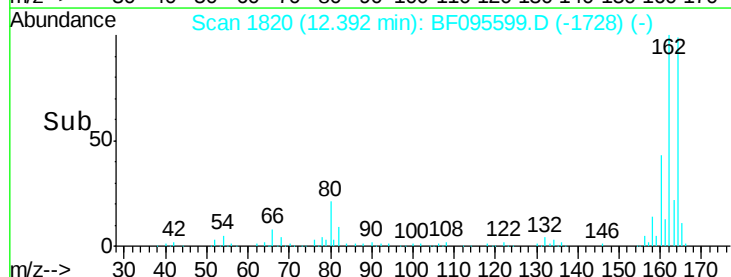
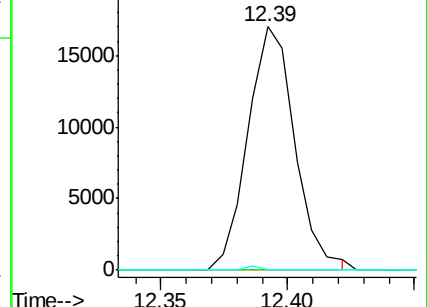
89 0.0 37.1 55.7#

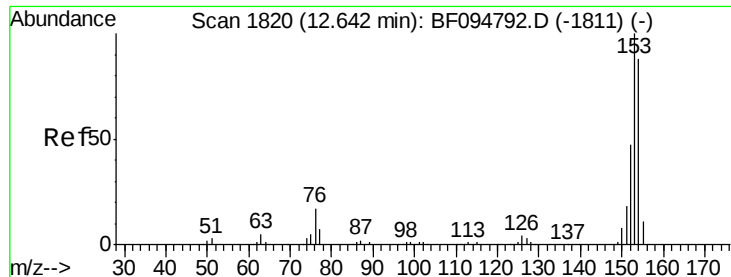


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.029 ng

RT: 12.39 min Scan# 1820

Delta R.T. -0.06 min

Lab File: BF095599.D

Acq: 1 Jun 2017 17:32

Instrument :

BNA_F

ClientSampleId :

S22-0027

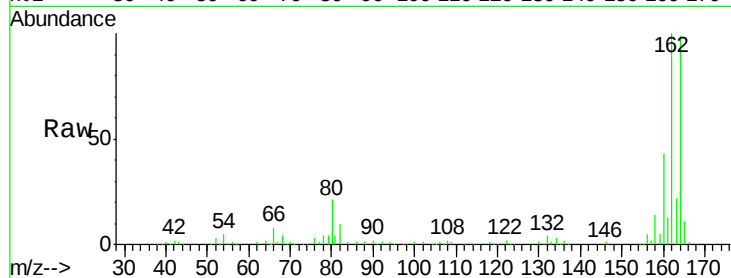
Tgt Ion:154 Resp: 336

Ion Ratio Lower Upper

154 100

153 0.0 90.5 135.7#

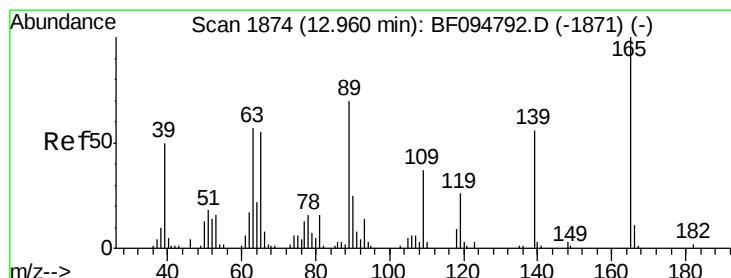
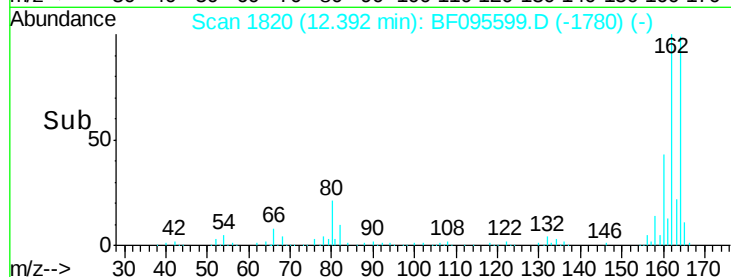
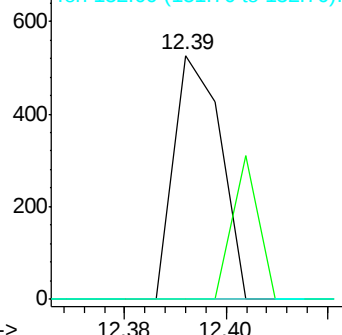
152 0.0 43.6 65.4#



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



#55

4-Nitrophenol

Concen: 0.055 ng

RT: 12.92 min Scan# 1910

Delta R.T. 0.09 min

Lab File: BF095599.D

Acq: 1 Jun 2017 17:32

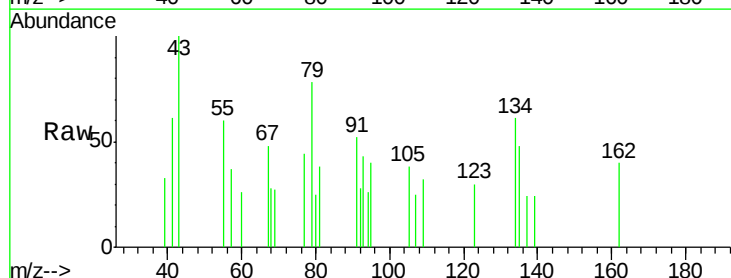
Tgt Ion:139 Resp: 109

Ion Ratio Lower Upper

139 100

109 129.5 34.1 74.1#

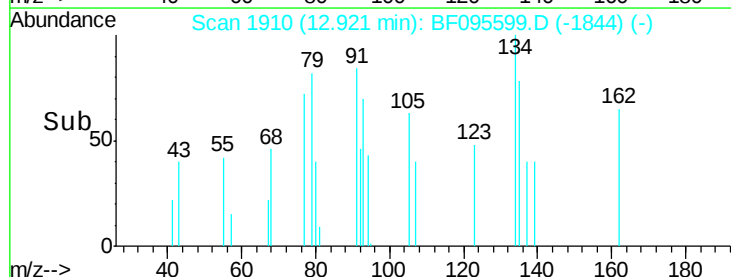
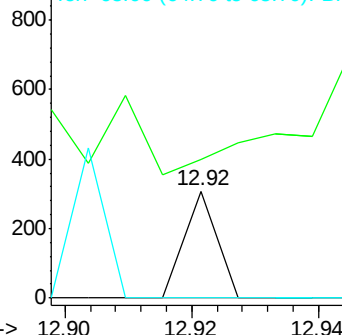
65 0.0 31.4 71.4#

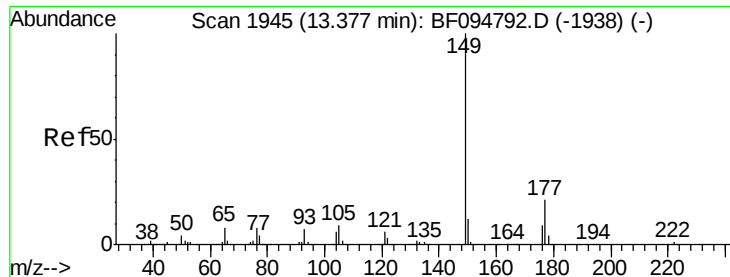


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

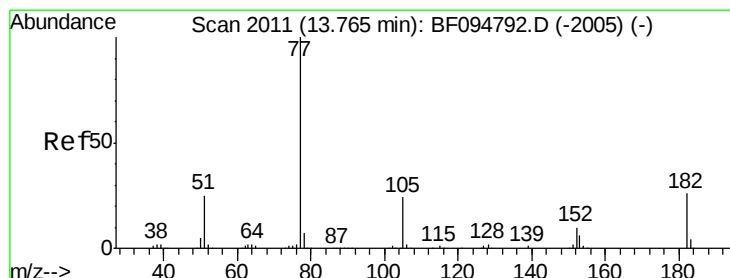
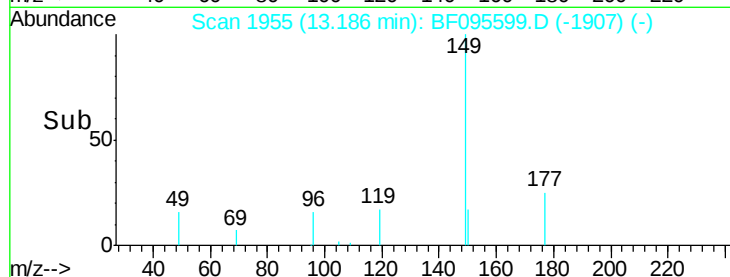
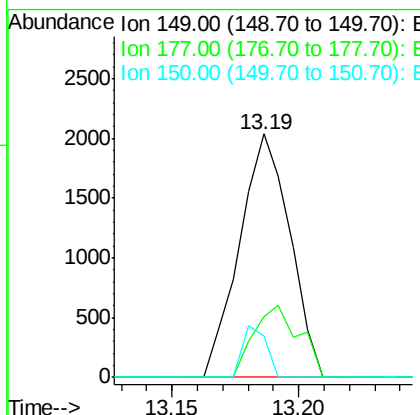
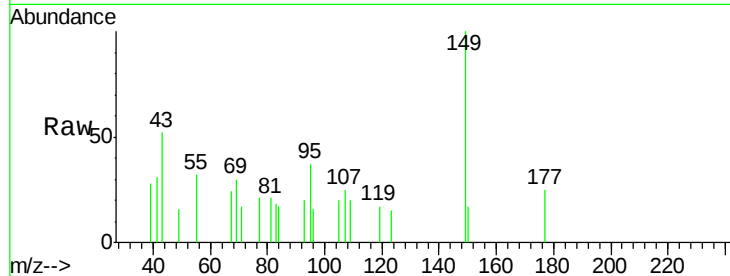




#59
Diethylphthalate
Concen: 0.197 ng
RT: 13.19 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BF095599.D
Acq: 1 Jun 2017 17:32

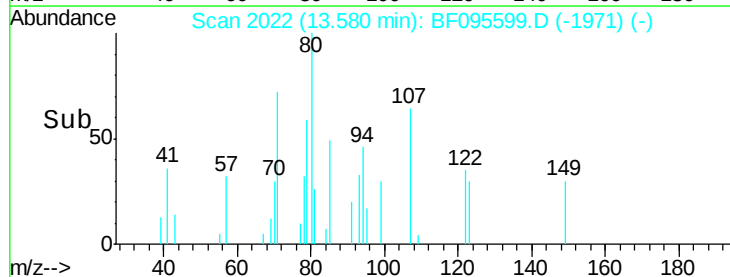
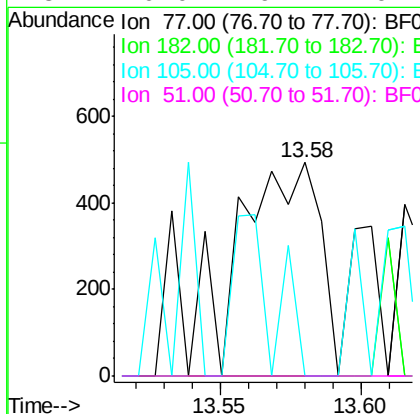
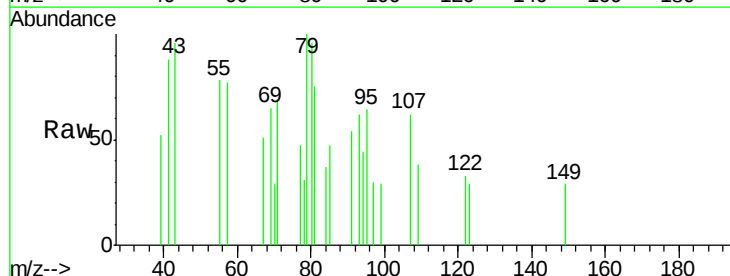
Instrument :
BNA_F
ClientSampled :
S22-0027

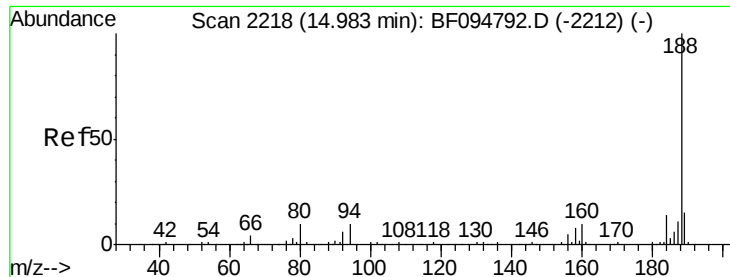
Tgt Ion: 149 Resp: 2827
Ion Ratio Lower Upper
149 100
177 25.0 16.7 25.1
150 16.9 10.2 15.2#



#62
Azobenzene
Concen: 0.086 ng
RT: 13.58 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF095599.D
Acq: 1 Jun 2017 17:32

Tgt Ion: 77 Resp: 996
Ion Ratio Lower Upper
77 100
182 0.0 0.1 40.1#
105 0.0 3.6 43.6#
51 0.0 9.4 49.4#

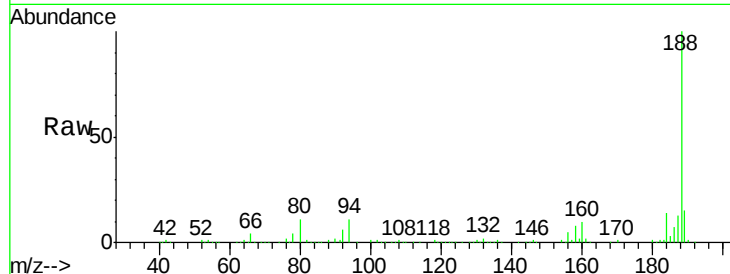




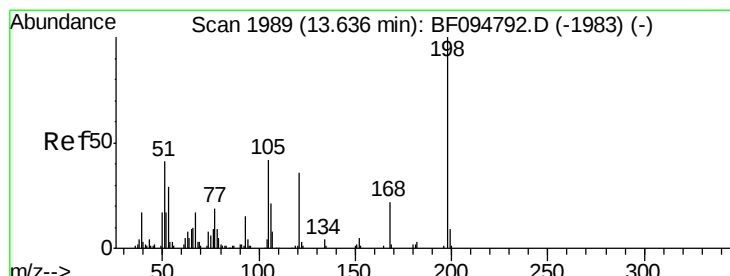
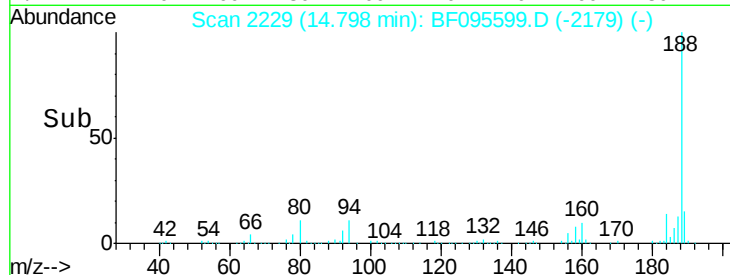
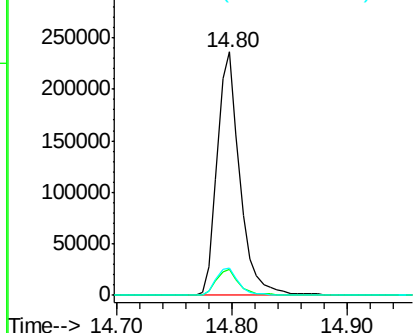
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 14.80 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BF095599.D
 Acq: 1 Jun 2017 17:32

Instrument :
 BNA_F
 ClientSampleId :
 S22-0027

Tgt Ion:188 Resp: 322168
 Ion Ratio Lower Upper
 188 100
 94 10.7 9.4 14.2
 80 11.0 10.2 15.2

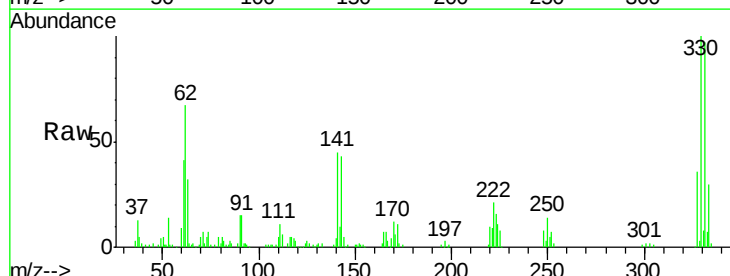


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

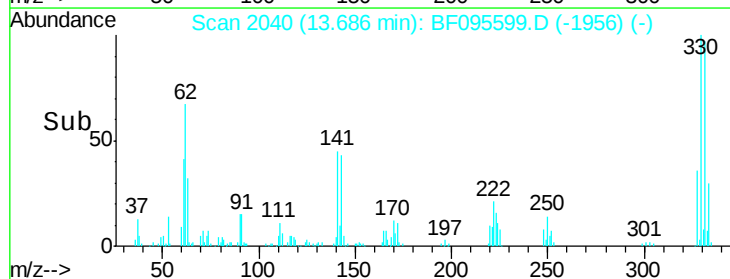
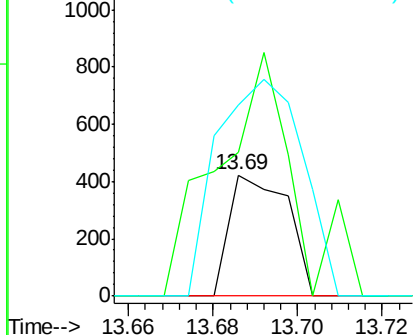


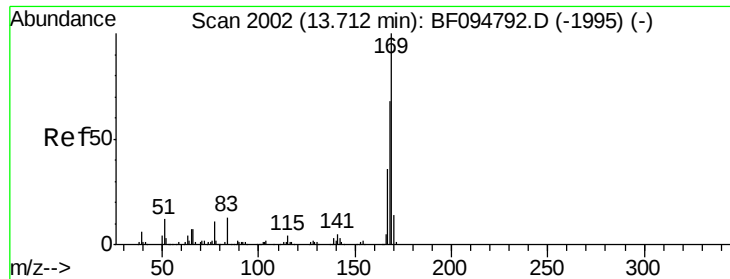
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.187 ng
 RT: 13.69 min Scan# 2040
 Delta R.T. 0.19 min
 Lab File: BF095599.D
 Acq: 1 Jun 2017 17:32

Tgt Ion:198 Resp: 404
 Ion Ratio Lower Upper
 198 100
 51 118.9 53.2 93.2#
 105 157.7 45.8 85.8#



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

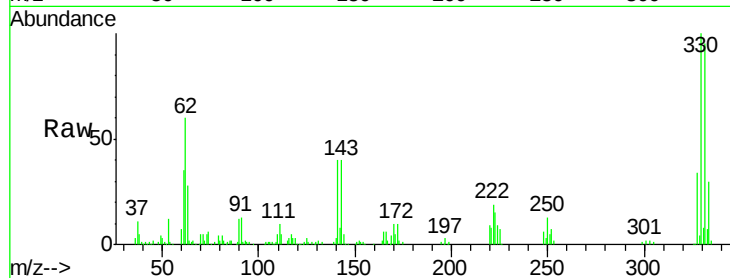




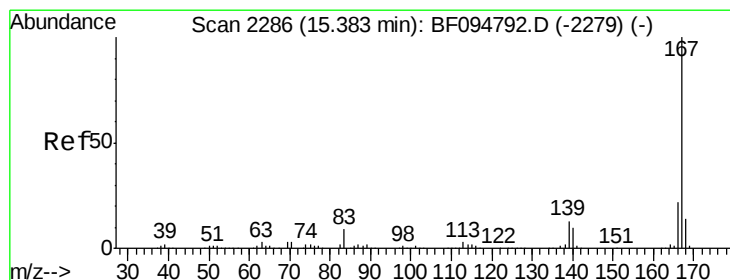
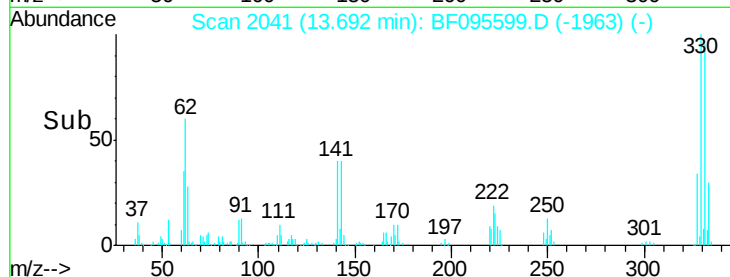
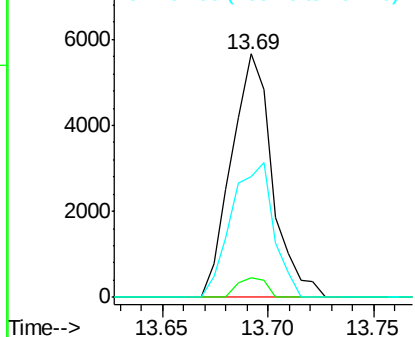
#65
n-Nitrosodiphenylamine
Concen: 0.653 ng
RT: 13.69 min Scan# 2041
Delta R.T. 0.16 min
Lab File: BF095599.D
Acq: 1 Jun 2017 17:32

Instrument :
BNA_F
ClientSampleId :
S22-0027

Tgt Ion:169 Resp: 7630
Ion Ratio Lower Upper
169 100
168 8.1 53.2 79.8#
167 49.5 29.5 44.3#

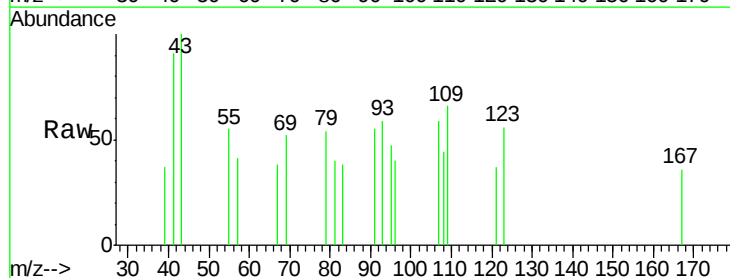


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

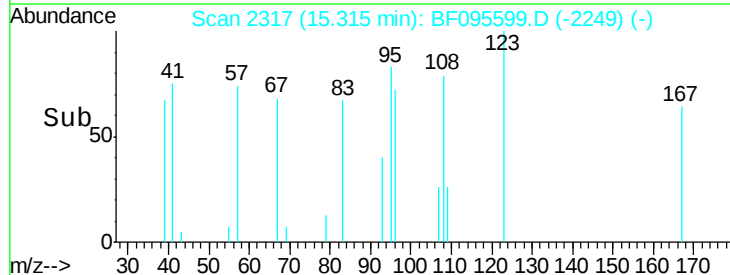
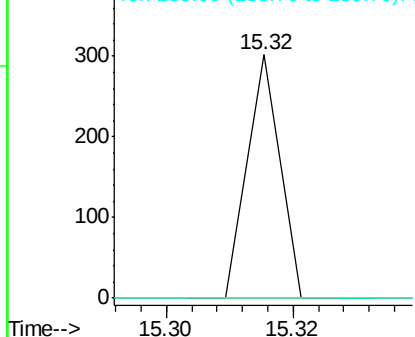


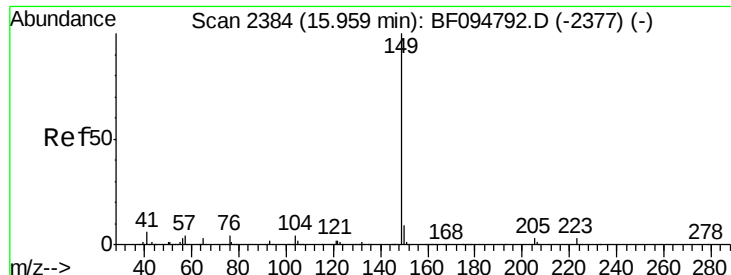
#72
Carbazole
Concen: 0.006 ng
RT: 15.32 min Scan# 2317
Delta R.T. 0.10 min
Lab File: BF095599.D
Acq: 1 Jun 2017 17:32

Tgt Ion:167 Resp: 107
Ion Ratio Lower Upper
167 100
166 0.0 18.1 27.1#
139 0.0 11.7 17.5#



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.357 ng

RT: 15.79 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BF095599.D

Acq: 1 Jun 2017 17:32

Instrument :

BNA_F

ClientSampleId :

S22-0027

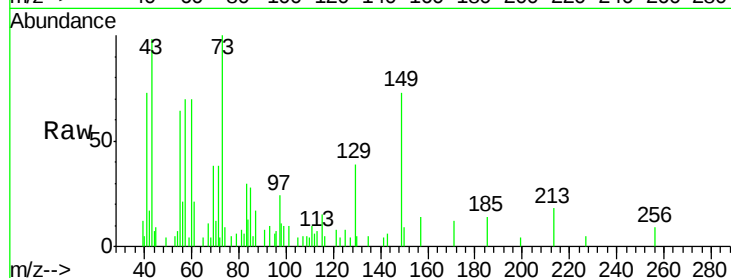
Tgt Ion:149 Resp: 7651

Ion Ratio Lower Upper

149 100

150 11.9 7.7 11.5#

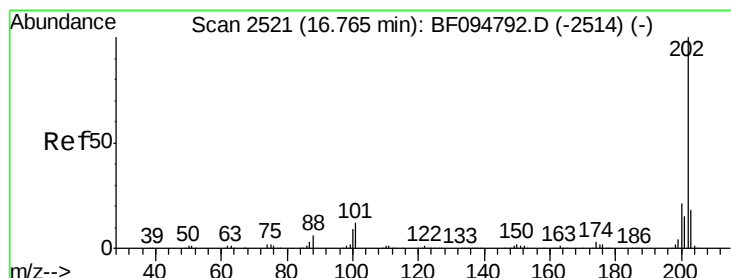
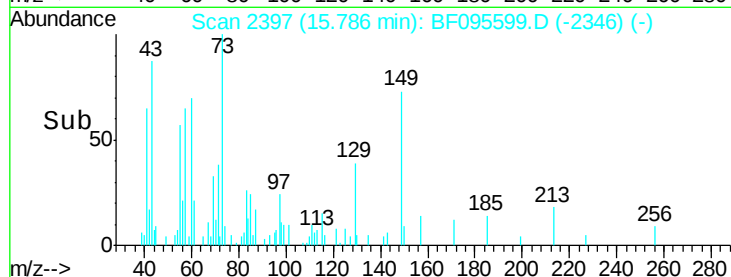
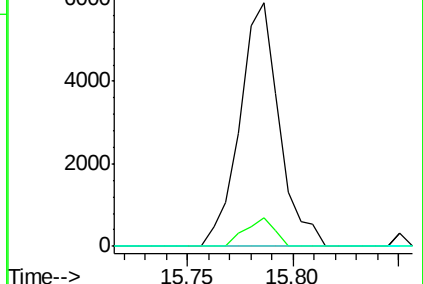
104 0.0 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 0.006 ng

RT: 16.64 min Scan# 2542

Delta R.T. 0.04 min

Lab File: BF095599.D

Acq: 1 Jun 2017 17:32

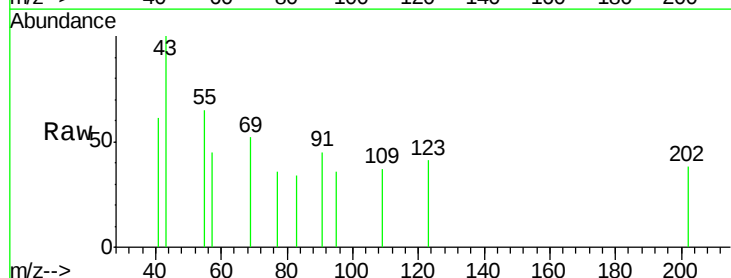
Tgt Ion:202 Resp: 120

Ion Ratio Lower Upper

202 100

101 0.0 0.0 33.2

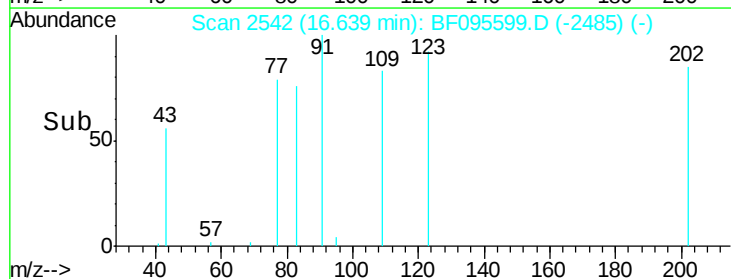
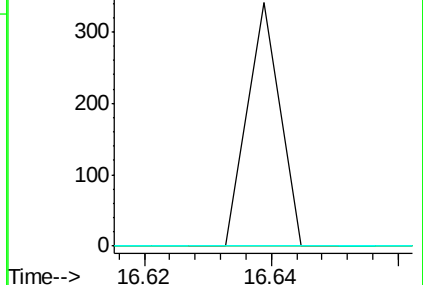
203 0.0 0.0 38.1

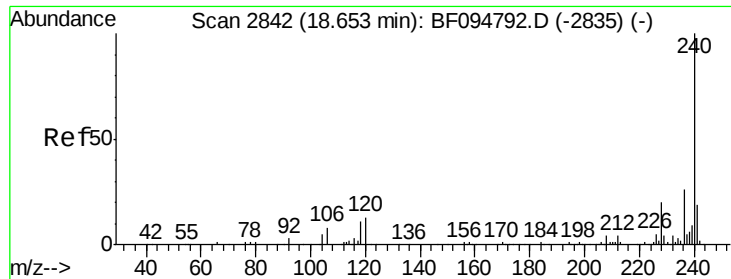


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

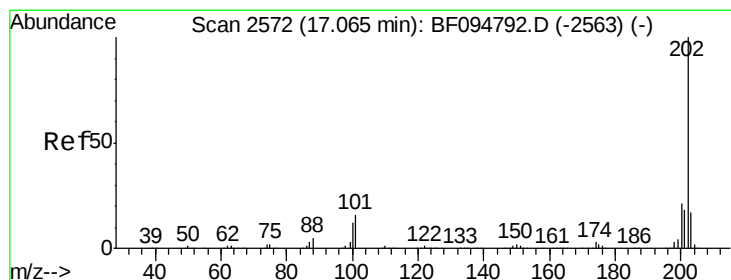
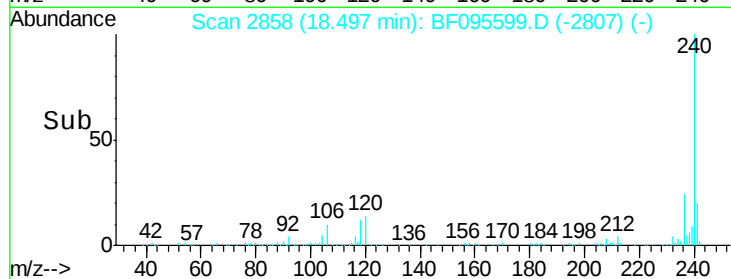
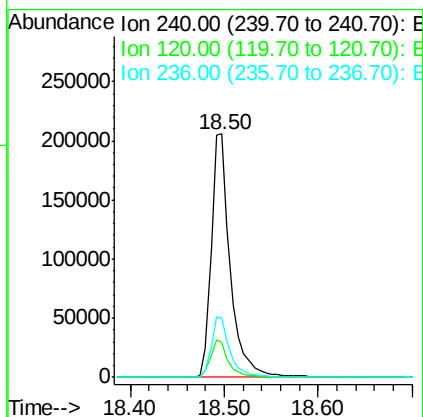
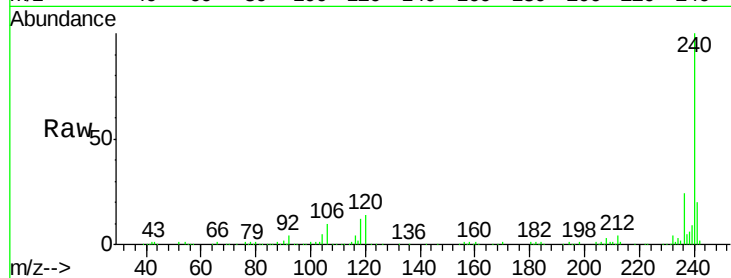




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 18.50 min Scan# 2858
 Delta R.T. -0.00 min
 Lab File: BF095599.D
 Acq: 1 Jun 2017 17:32

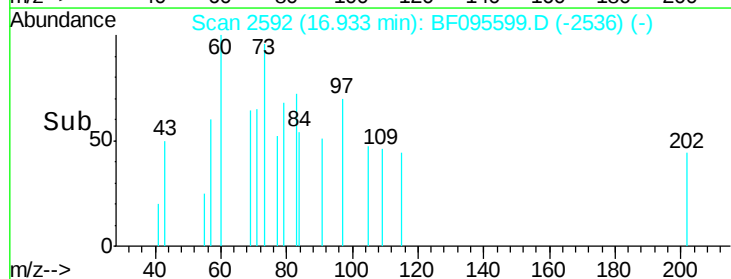
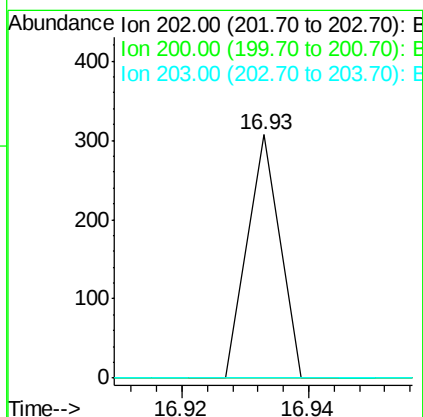
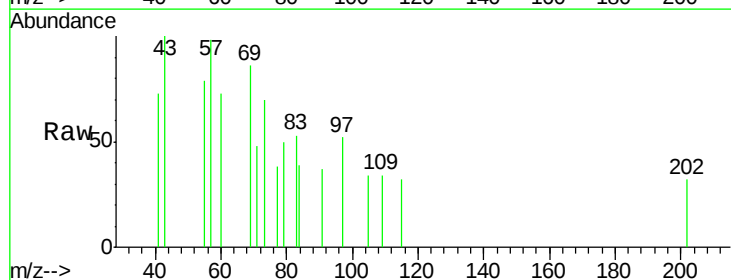
Instrument :
 BNA_F
 ClientSampleId :
 S22-0027

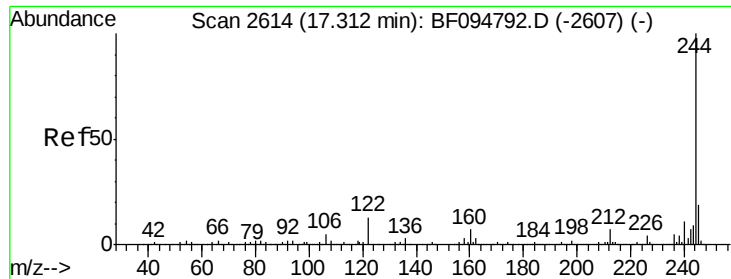
Tgt Ion: 240 Resp: 292518
 Ion Ratio Lower Upper
 240 100
 120 14.2 5.8 8.8#
 236 24.1 20.5 30.7



#77
 Pyrene
 Concen: 0.005 ng
 RT: 16.93 min Scan# 2592
 Delta R.T. 0.03 min
 Lab File: BF095599.D
 Acq: 1 Jun 2017 17:32

Tgt Ion: 202 Resp: 108
 Ion Ratio Lower Upper
 202 100
 200 0.0 17.6 26.4#
 203 0.0 14.4 21.6#

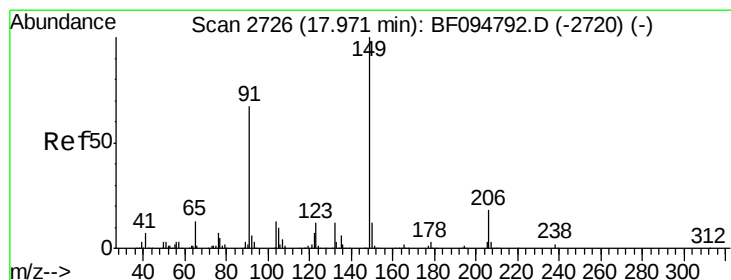
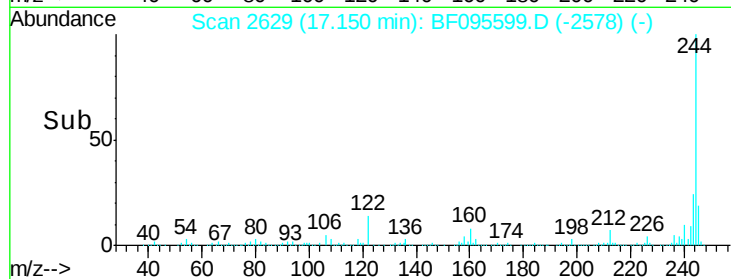
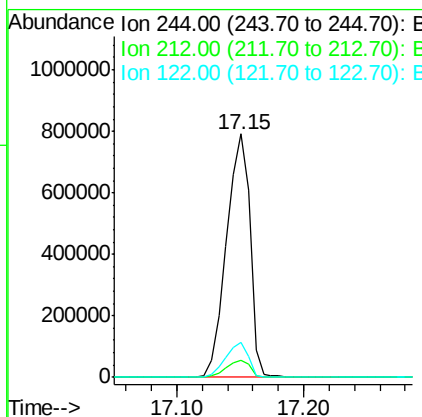
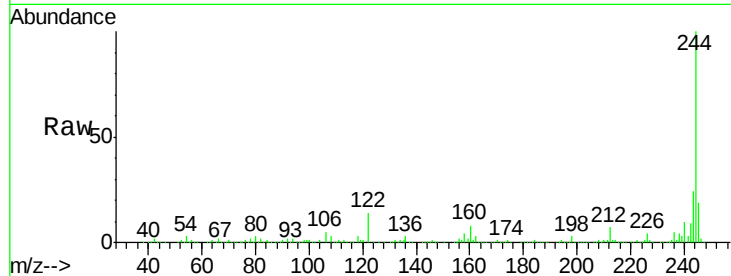




#78
 Terphenyl-d14
 Concen: 76.095 ng
 RT: 17.15 min Scan# 2629
 Delta R.T. -0.00 min
 Lab File: BF095599.D
 Acq: 1 Jun 2017 17:32

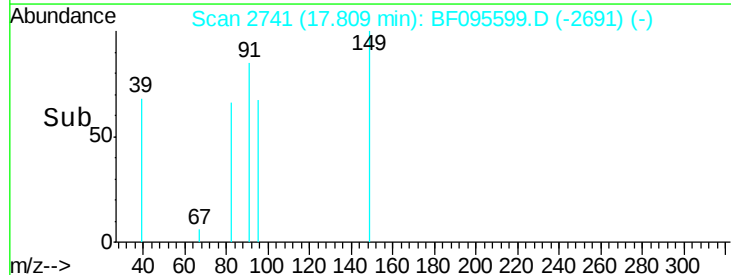
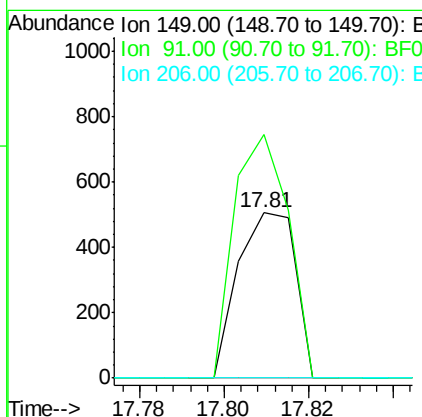
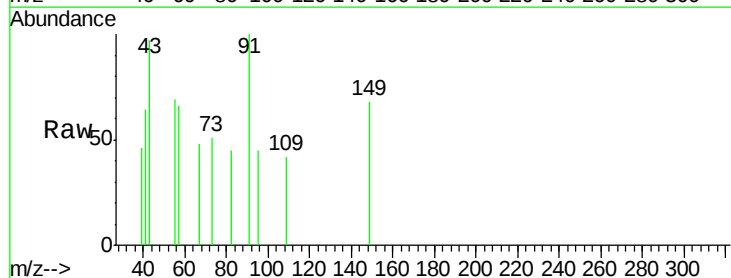
Instrument :
 BNA_F
 ClientSampleId :
 S22-0027

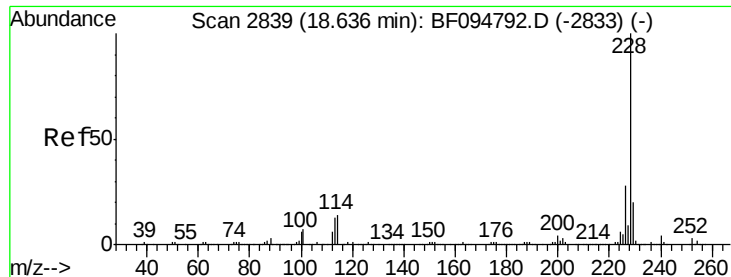
Tgt Ion:244 Resp: 1010600
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.2 10.3 15.5



#79
 Butylbenzylphthalate
 Concen: 0.047 ng
 RT: 17.81 min Scan# 2741
 Delta R.T. -0.01 min
 Lab File: BF095599.D
 Acq: 1 Jun 2017 17:32

Tgt Ion:149 Resp: 478
 Ion Ratio Lower Upper
 149 100
 91 147.5 45.0 67.4#
 206 0.0 17.0 25.6#





#80

Benzo(a)anthracene

Concen: 0.061 ng

RT: 18.49 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BF095599.D

Acq: 1 Jun 2017 17:32

Instrument :

BNA_F

ClientSampleId :

S22-0027

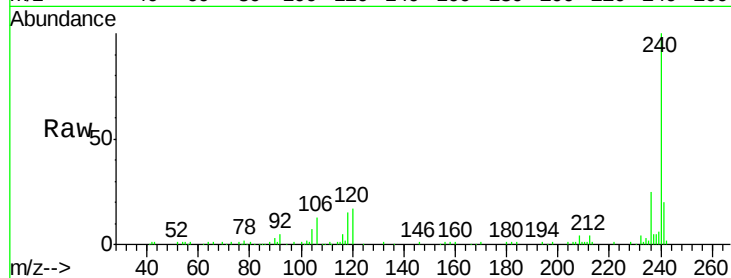
Tgt Ion:228 Resp: 1032

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

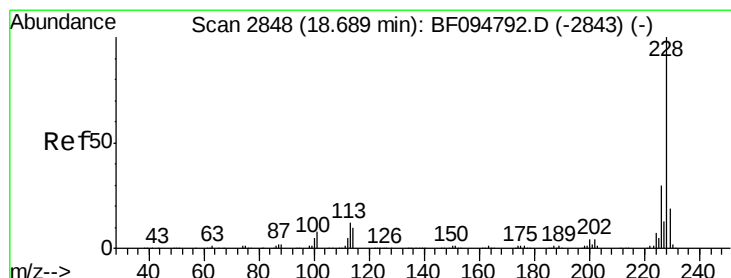
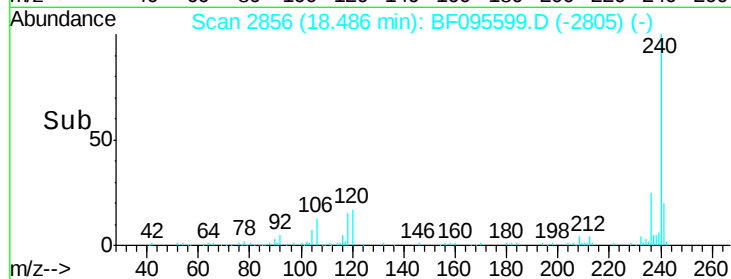
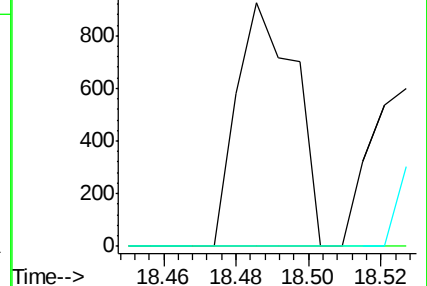
229 0.0 16.3 24.5#



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



#82

Chrysene

Concen: 0.101 ng

RT: 18.53 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BF095599.D

Acq: 1 Jun 2017 17:32

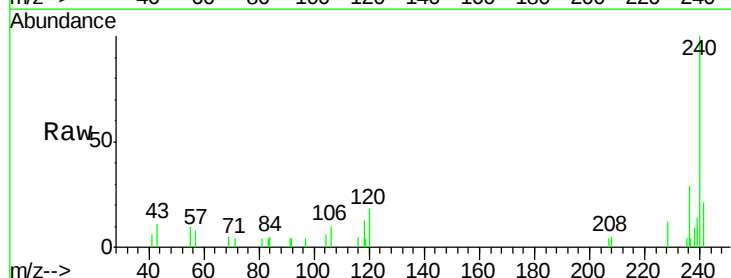
Tgt Ion:228 Resp: 1661

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

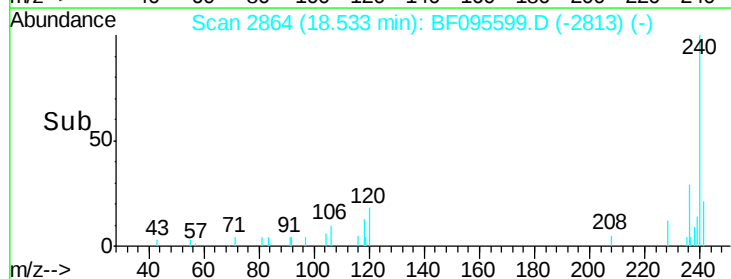
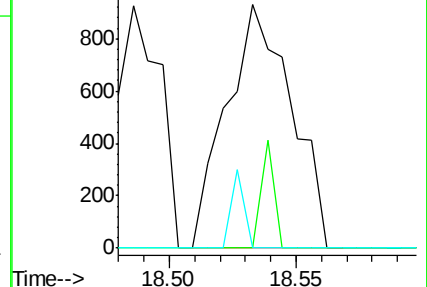
229 0.0 15.8 23.6#

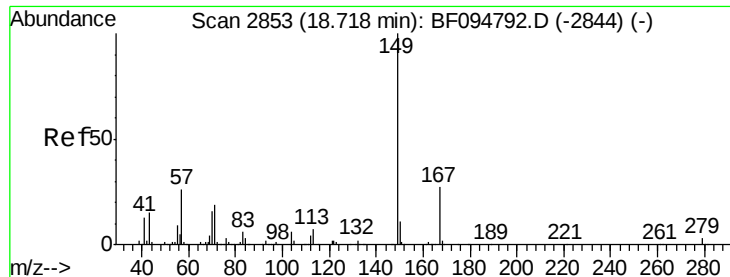


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.186 ng

RT: 18.55 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BF095599.D

Acq: 1 Jun 2017 17:32

Instrument :

BNA_F

ClientSampleId :

S22-0027

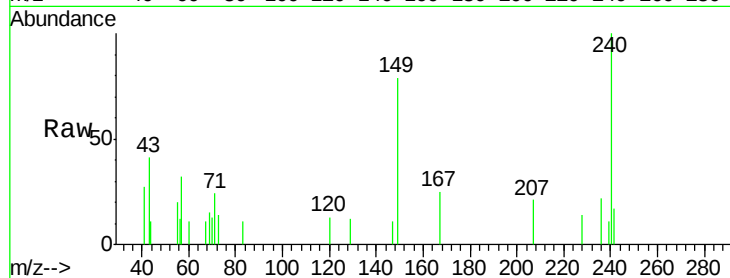
Tgt Ion:149 Resp: 2691

Ion Ratio Lower Upper

149 100

167 31.1 21.0 31.4

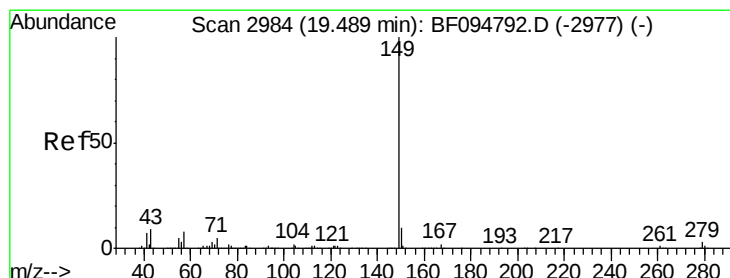
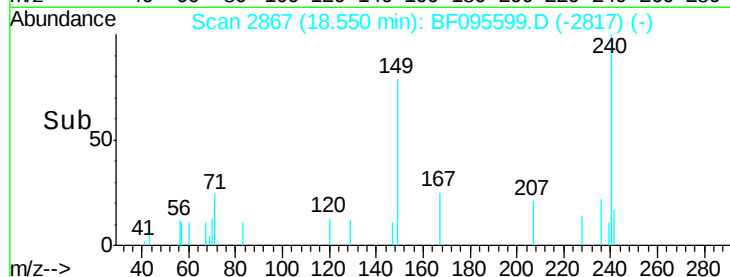
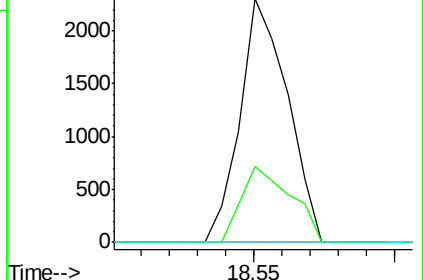
279 0.0 1.9 2.9#



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: 0.005 ng

RT: 19.33 min Scan# 2999

Delta R.T. -0.00 min

Lab File: BF095599.D

Acq: 1 Jun 2017 17:32

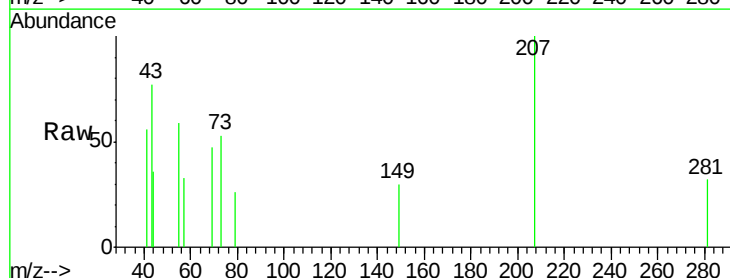
Tgt Ion:149 Resp: 121

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

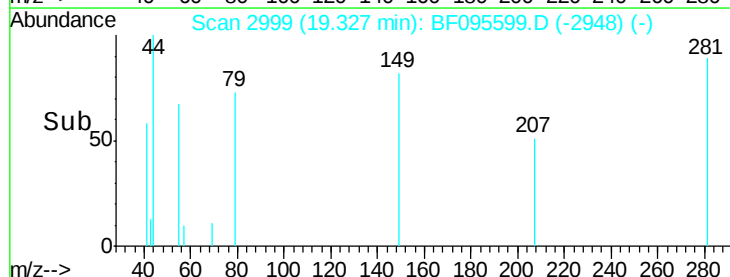
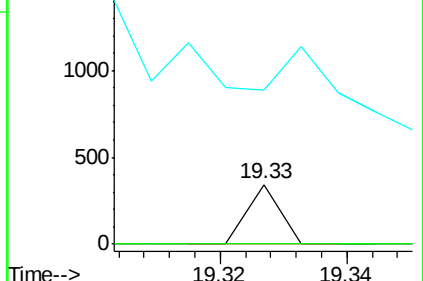
43 0.0 8.5 12.7#

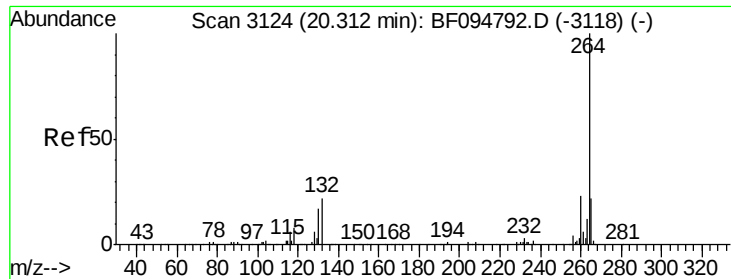


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



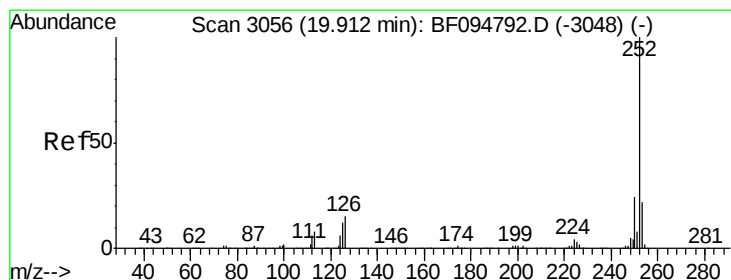
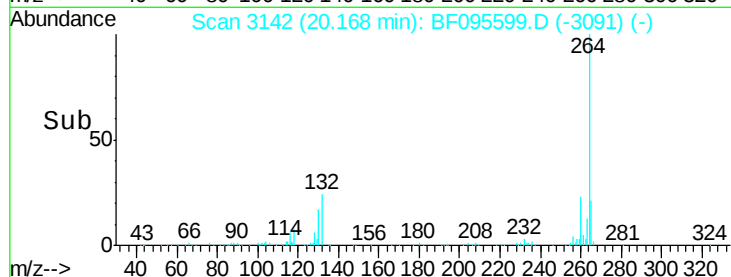
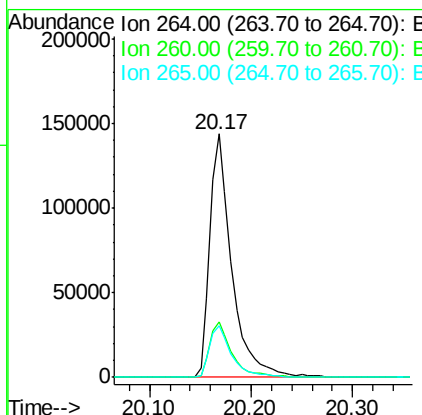
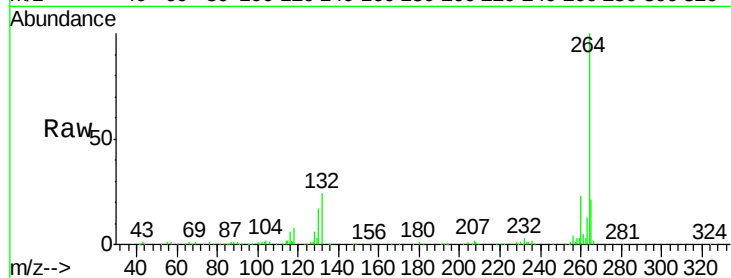


#86
Perylene-d12
Concen: 20.000 ng
RT: 20.17 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BF095599.D
Acq: 1 Jun 2017 17:32

Instrument :
BNA_F
ClientSampleId :
S22-0027

Tgt Ion: 264 Resp: 216968

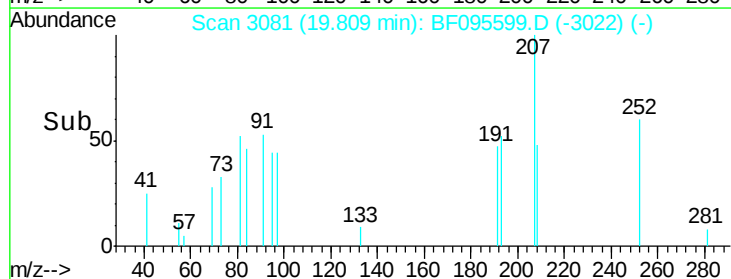
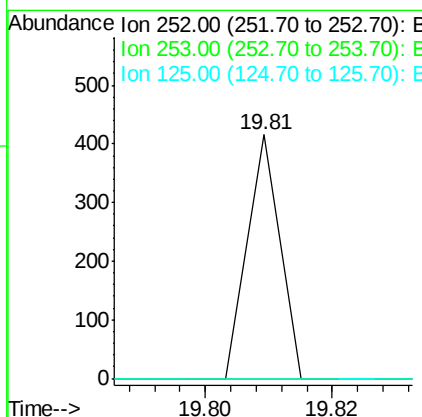
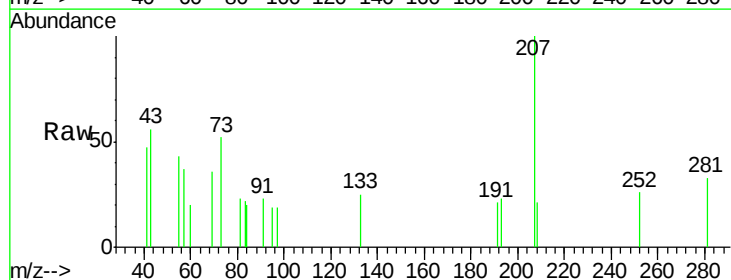
Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.5	29.3
265	21.0	17.2	25.8

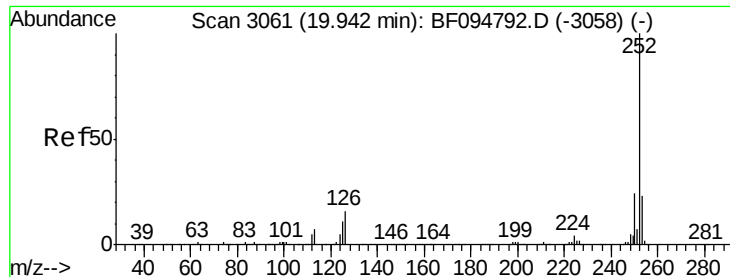


#87
Benzo(b)fluoranthene
Concen: 0.011 ng
RT: 19.81 min Scan# 3081
Delta R.T. 0.05 min
Lab File: BF095599.D
Acq: 1 Jun 2017 17:32

Tgt Ion: 252 Resp: 147

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.1	27.1#
125	0.0	9.8	14.8#

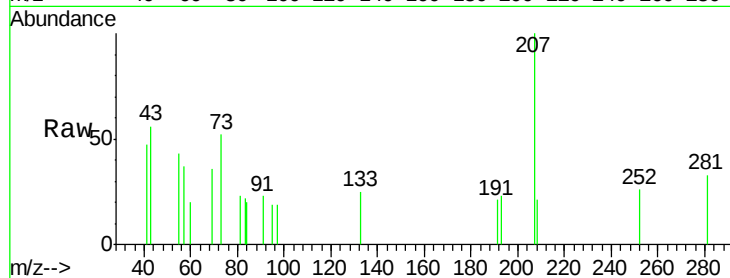




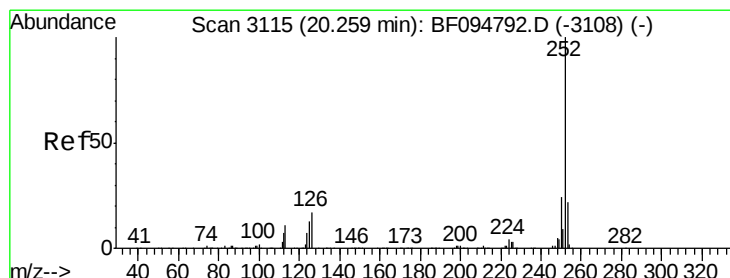
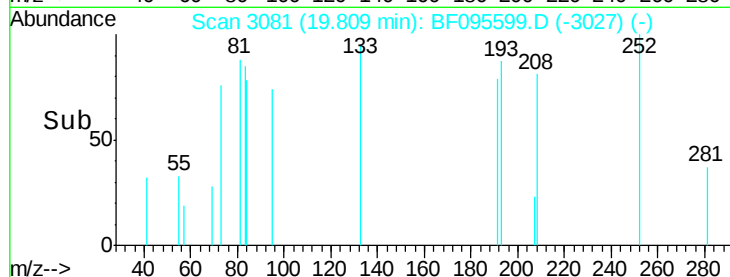
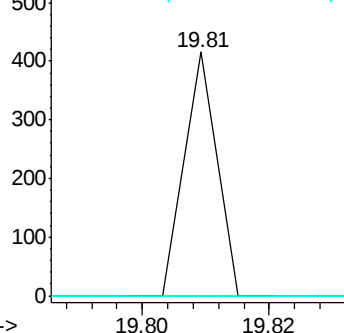
#88
Benzo(k)fluoranthene
Concen: 0.011 ng
RT: 19.81 min Scan# 3081
Delta R.T. 0.02 min
Lab File: BF095599.D
Acq: 1 Jun 2017 17:32

Instrument :
BNA_F
ClientSampleId :
S22-0027

Tgt Ion: 252 Resp: 147
Ion Ratio Lower Upper
252 100
253 0.0 18.4 27.6#
125 0.0 13.1 19.7#

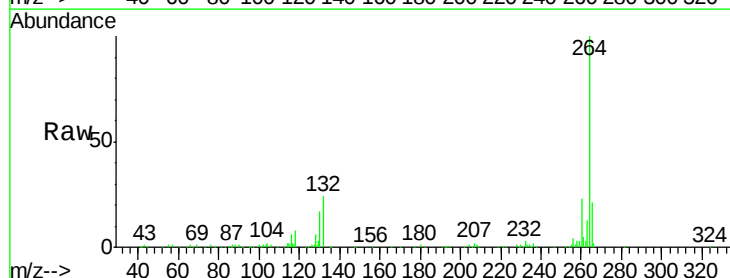


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 0.053 ng
RT: 20.17 min Scan# 3142
Delta R.T. 0.06 min
Lab File: BF095599.D
Acq: 1 Jun 2017 17:32

Tgt Ion: 252 Resp: 653
Ion Ratio Lower Upper
252 100
253 0.0 17.5 26.3#
125 0.0 11.0 16.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

