

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060117\
 Data File : BF095614.D
 Acq On : 2 Jun 2017 2:50
 Operator : SJ/MA
 Sample : I3409-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-NP-ESB-25-26-27

Quant Time: Jun 17 00:53:45 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	7.54	152	81784	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	325624	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	135474	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	282013	20.00	ng	0.00
75) Chrysene-d12	18.50	240	232888	20.00	ng	0.00
86) Perylene-d12	20.19	264	36808	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	715379	145.83	ng	0.02
7) Phenol-d6	7.09	99	798435	135.66	ng	0.00
23) Nitrobenzene-d5	8.45	82	501721	97.16	ng	-0.01
41) 2,4,6-Tribromophenol	13.69	330	203605	183.51	ng	0.00
44) 2-Fluorobiphenyl	11.35	172	1046647	111.20	ng	0.00
78) Terphenyl-d14	17.15	244	972151	91.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.03	88	385	0.160	ng	# 12
4) n-Nitrosodimethylamine	2.39	42	111	0.048	ng	# 1
6) Aniline	7.11	93	127	0.017	ng	# 1
9) Benzaldehyde	7.00	77	143	0.040	ng	# 51
10) Phenol	7.19	94	1293	0.208	ng	# 1
11) bis(2-Chloroethyl)ether	7.20	93	951	0.186	ng	# 1
15) Benzyl Alcohol	7.77	79	9011	2.380	ng	# 41
18) Hexachloroethane	8.45	117	539	0.248	ng	# 1
19) n-Nitroso-di-n-propylamine	8.45	70	60572	15.217	ng	# 73
22) Acetophenone	8.49	105	143	0.018	ng	# 46
24) Nitrobenzene	8.48	77	331	0.061	ng	# 39
25) Isophorone	8.88	82	124	0.013	ng	# 67
31) Naphthalene	9.61	128	3204	0.196	ng	# 68
37) 2-Methylnaphthalene	10.80	142	115	0.011	ng	# 15
45) 1,1'-Biphenyl	11.53	154	1580	0.139	ng	# 42
50) 2,6-Dinitrotoluene	12.39	165	16099	7.095	ng	# 31
51) Acenaphthene	12.39	154	273	0.032	ng	# 4
59) Diethylphthalate	13.20	149	1058	0.099	ng	# 60
62) Azobenzene	13.69	77	957	0.112	ng	# 36
64) 4,6-Dinitro-2-methylphenol	13.69	198	223	0.118	ng	# 1
65) n-Nitrosodiphenylamine	13.69	169	7120	0.696	ng	# 45
72) Carbazole	15.33	167	148	0.010	ng	# 58
73) Di-n-butylphthalate	15.79	149	1336	0.071	ng	# 78
74) Fluoranthene	16.67	202	109	0.007	ng	# 62
77) Pyrene	16.67	202	109	0.006	ng	# 56
80) Benzo(a)anthracene	18.50	228	723	0.053	ng	# 50
82) Chrysene	18.53	228	447	0.034	ng	# 49
83) Bis(2-ethylhexyl)phthalate	18.56	149	1228	0.106	ng	# 97
84) Di-n-octyl phthalate	19.32	149	628	0.033	ng	# 47
87) Benzo(b)fluoranthene	19.83	252	445	0.196	ng	# 21
88) Benzo(k)fluoranthene	19.83	252	445	0.203	ng	# 24
89) Benzo(a)pyrene	19.86	252	109	0.052	ng	# 59

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 17 00:02:21 2017
Response via : Initial Calibration

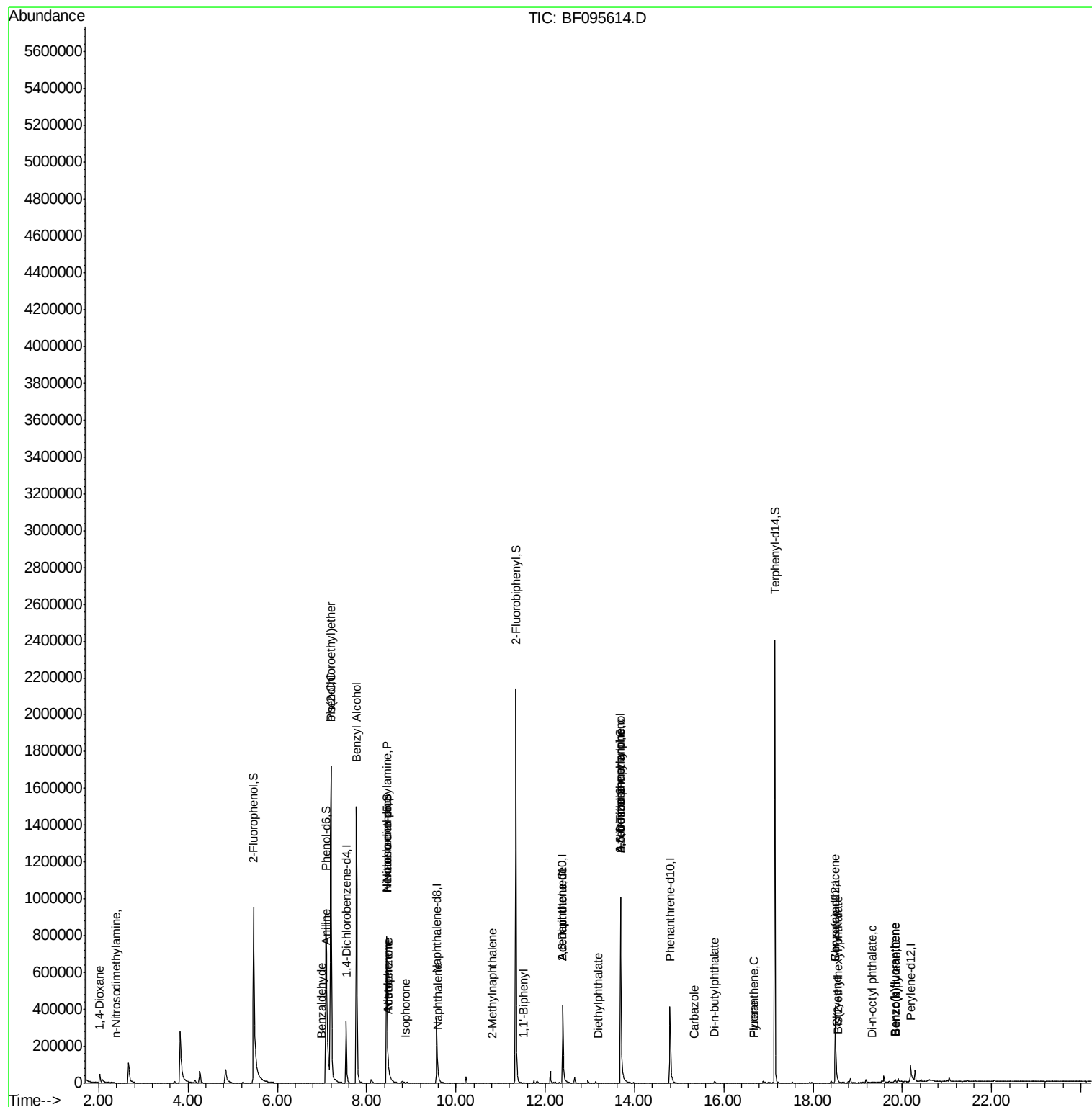
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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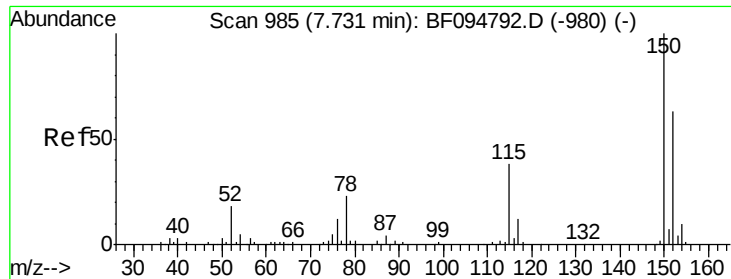
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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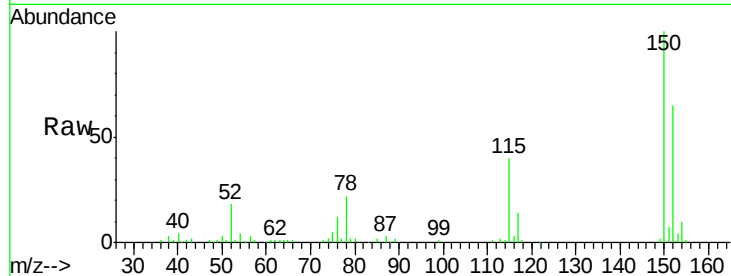


#1

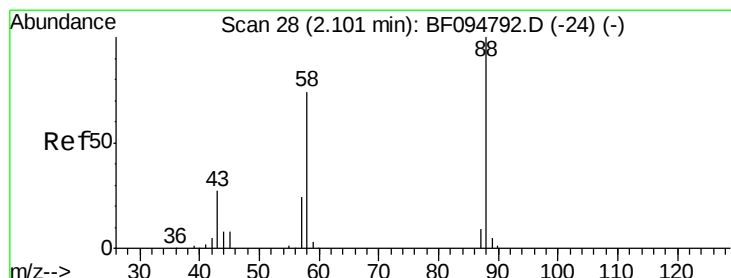
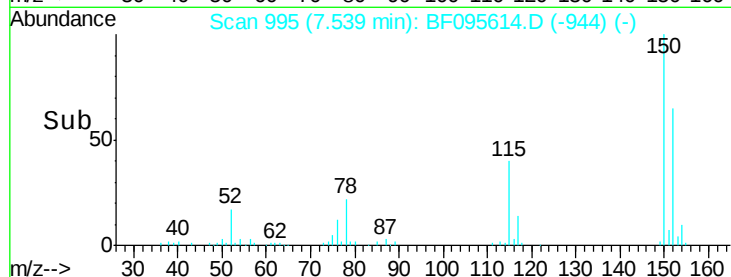
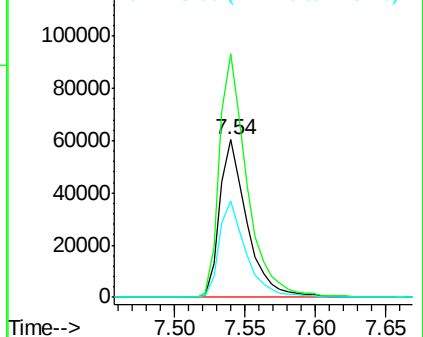
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF095614.D
Acq: 2 Jun 2017 2:50

Instrument :
BNA_F
ClientSampleId :
WC-NP-ESB-25-26-27

Tgt Ion:152 Resp: 81784
Ion Ratio Lower Upper
152 100
150 154.8 126.2 189.2
115 61.3 52.2 78.2



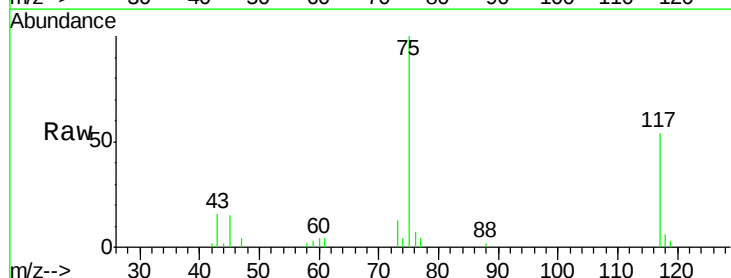
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



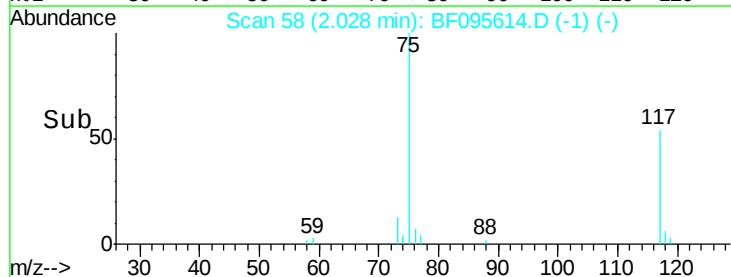
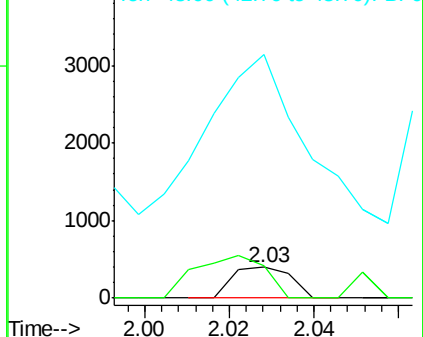
#2

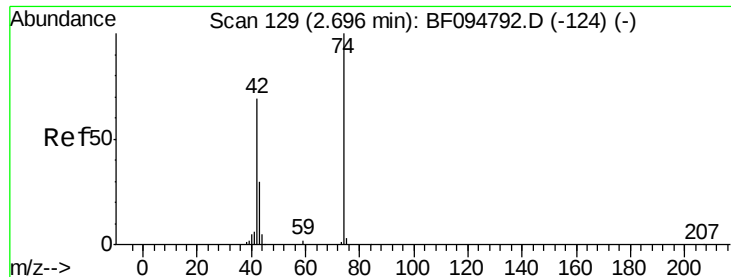
1,4-Dioxane
Concen: 0.160 ng
RT: 2.03 min Scan# 58
Delta R.T. 0.18 min
Lab File: BF095614.D
Acq: 2 Jun 2017 2:50

Tgt Ion: 88 Resp: 385
Ion Ratio Lower Upper
88 100
58 163.9 61.4 92.0#
43 0.0 23.4 35.0#



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





#4

n-Nitrosodimethylamine

Concen: 0.048 ng

RT: 2.39 min Scan# 120

Delta R.T. -0.02 min

Lab File: BF095614.D

Acq: 2 Jun 2017 2:50

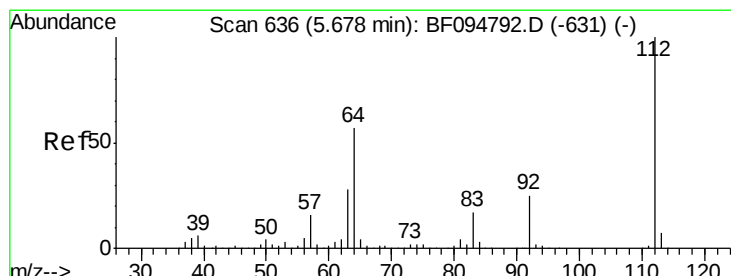
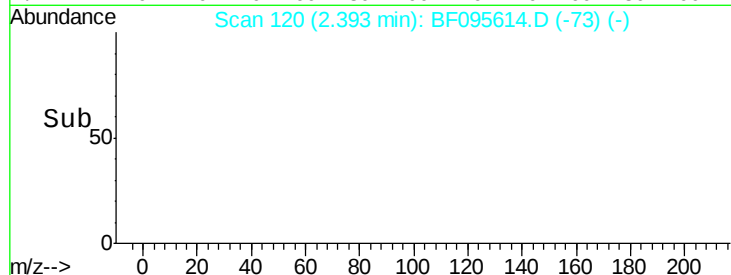
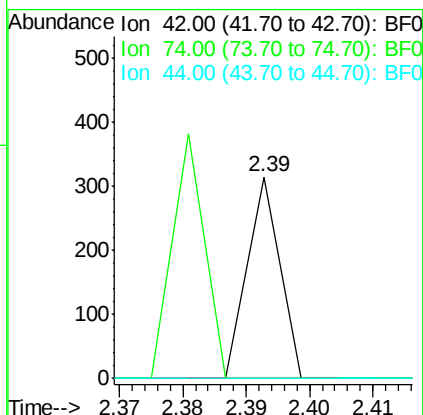
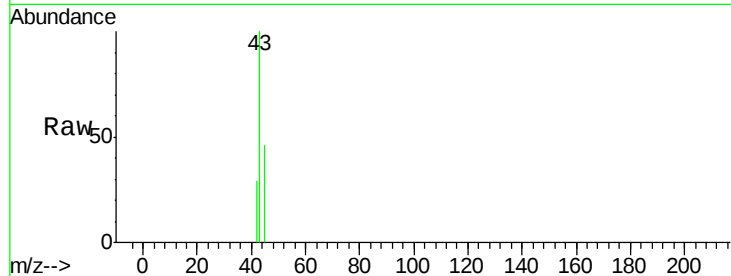
Instrument :

BNA_F

ClientSampleId :

WC-NP-ESB-25-26-27

Tgt Ion:	42	Resp:	111
Ion	Ratio	Lower	Upper
42	100		
74	0.0	103.9	155.9#
44	0.0	5.7	8.5#



#5

2-Fluorophenol

Concen: 145.834 ng

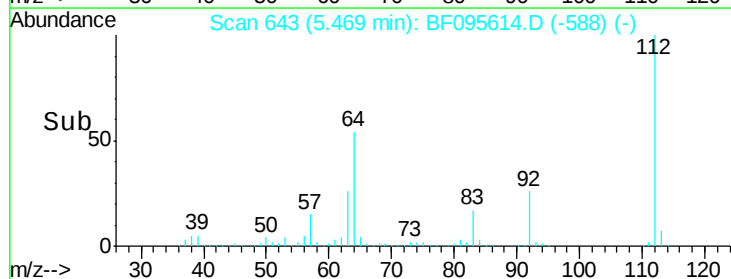
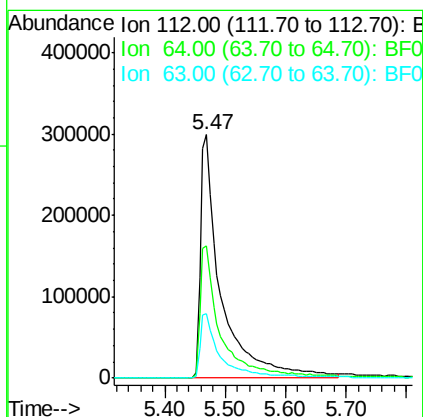
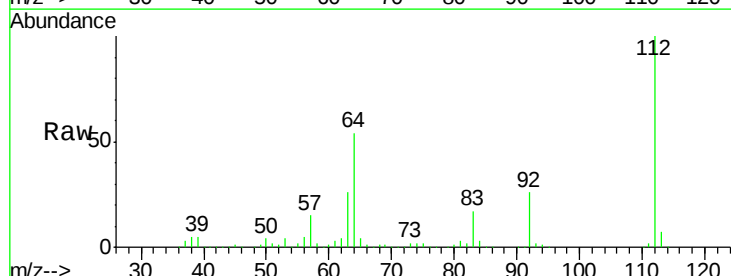
RT: 5.47 min Scan# 643

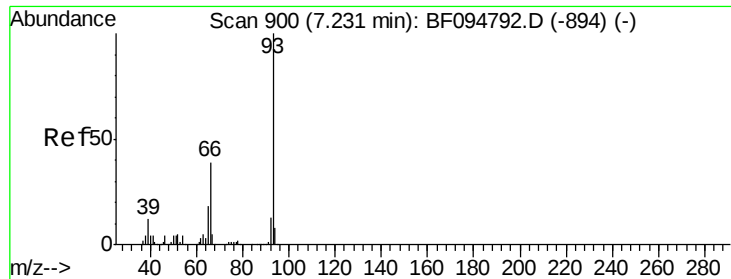
Delta R.T. 0.02 min

Lab File: BF095614.D

Acq: 2 Jun 2017 2:50

Tgt Ion:	112	Resp:	715379
Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.0	69.0
63	26.3	23.4	35.0





#6

Aniline

Concen: 0.017 ng

RT: 7.11 min Scan# 922

Delta R.T. 0.07 min

Lab File: BF095614.D

Acq: 2 Jun 2017 2:50

Instrument :

BNA_F

ClientSampleId :

WC-NP-ESB-25-26-27

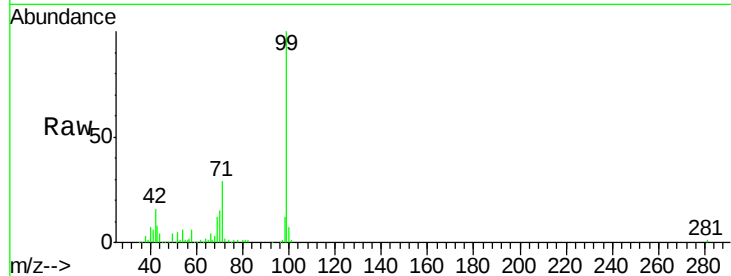
Tgt Ion: 93 Resp: 127

Ion Ratio Lower Upper

93 100

66 1613.6 32.9 49.3#

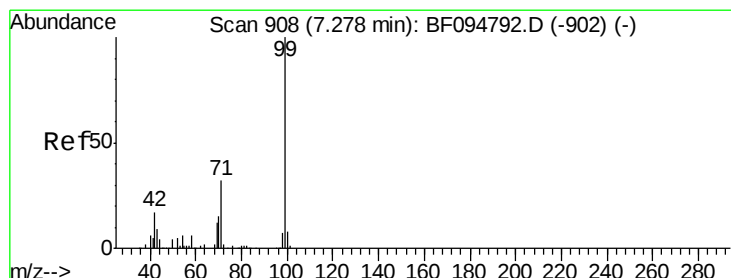
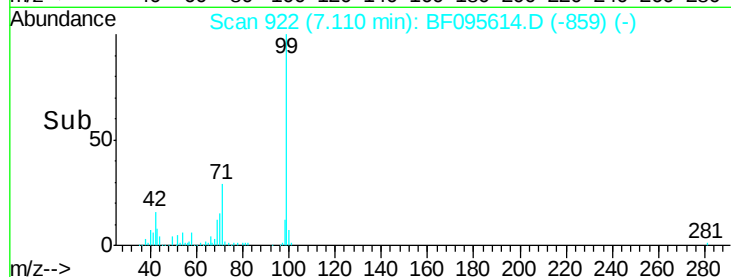
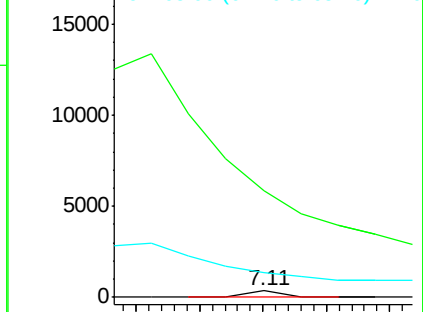
65 368.7 16.0 24.0#



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: 135.655 ng

RT: 7.09 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF095614.D

Acq: 2 Jun 2017 2:50

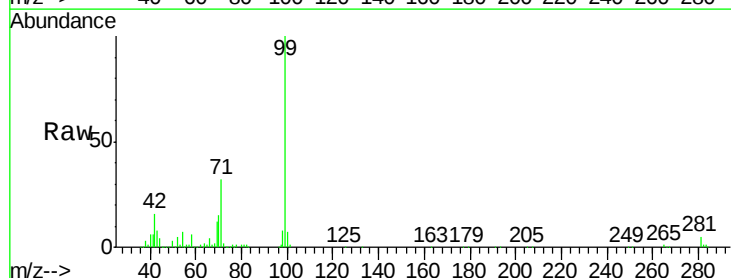
Tgt Ion: 99 Resp: 798435

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

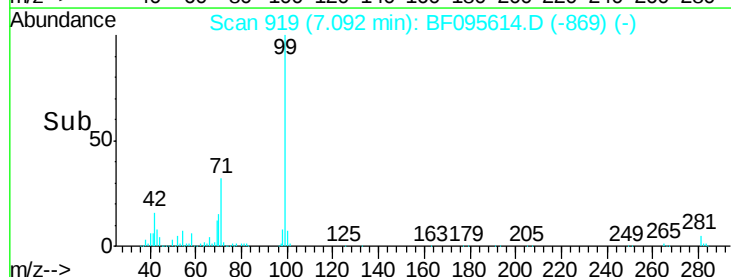
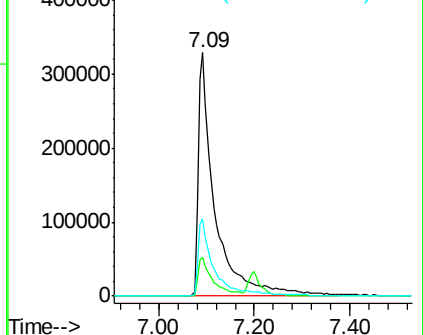
71 31.8 24.5 36.7

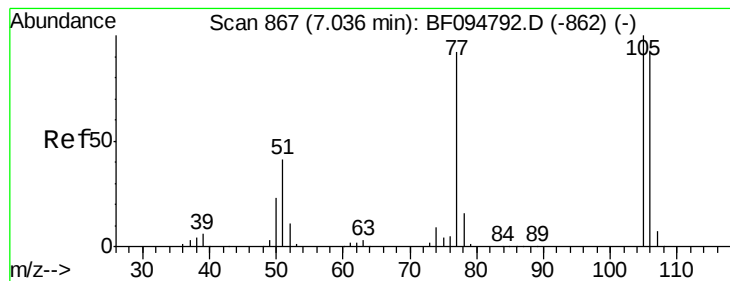


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 0.040 ng

RT: 7.00 min Scan# 903

Delta R.T. 0.15 min

Lab File: BF095614.D

Acq: 2 Jun 2017 2:50

Instrument :

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ClientSampleId :

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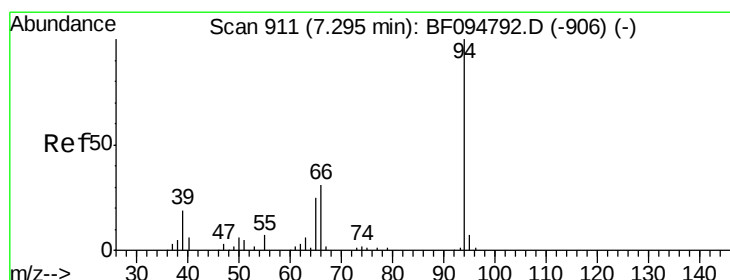
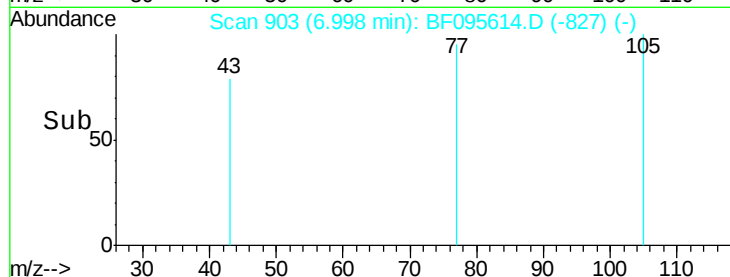
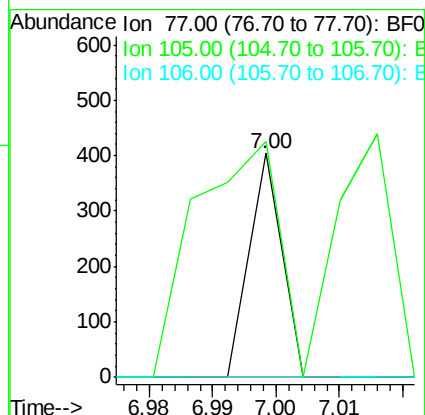
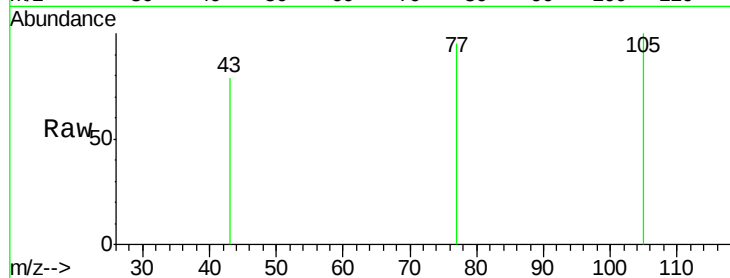
Tgt Ion: 77 Resp: 143

Ion Ratio Lower Upper

77 100

105 105.2 83.8 123.8

106 0.0 79.1 119.1#



#10

Phenol

Concen: 0.208 ng

RT: 7.19 min Scan# 936

Delta R.T. 0.08 min

Lab File: BF095614.D

Acq: 2 Jun 2017 2:50

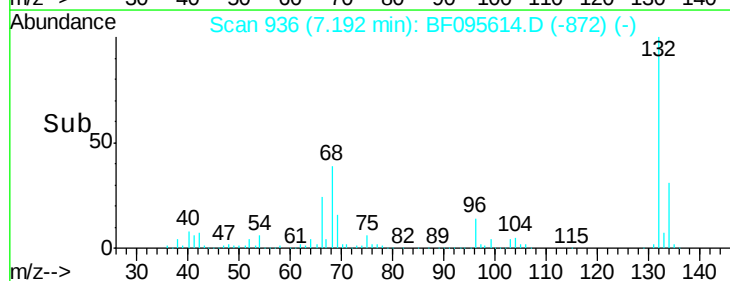
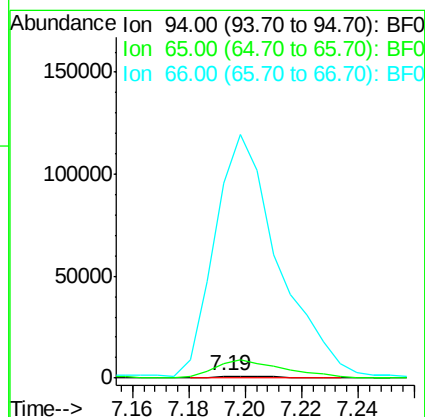
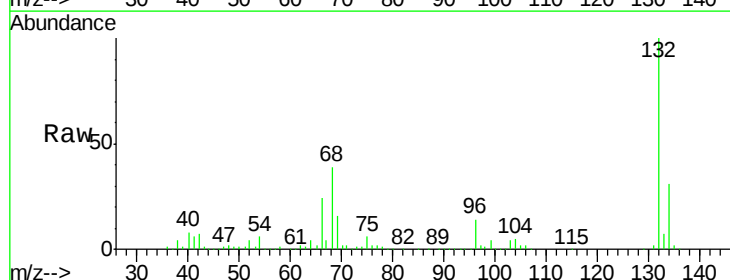
Tgt Ion: 94 Resp: 1293

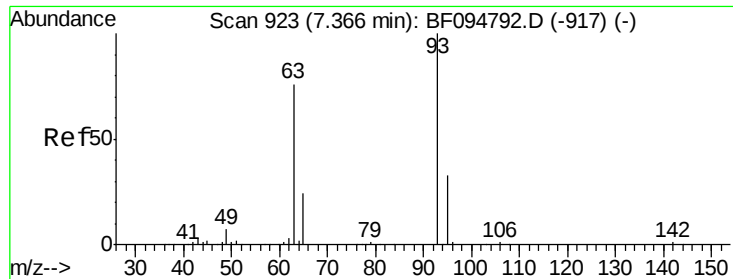
Ion Ratio Lower Upper

94 100

65 694.7 9.9 49.9#

66 9539.4 23.1 63.1#

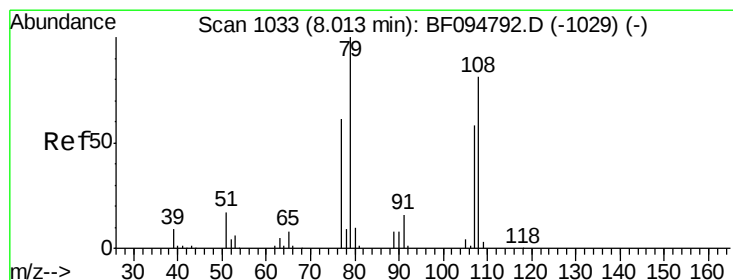
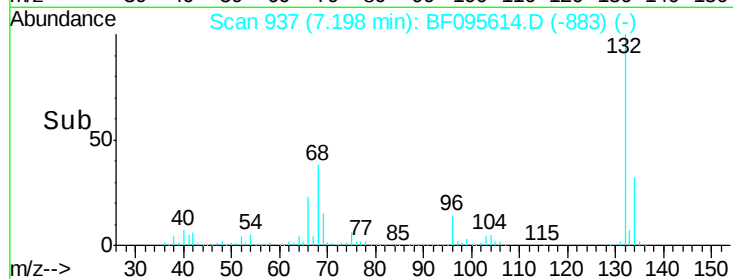
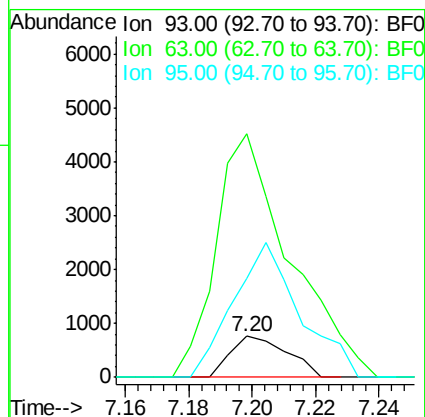
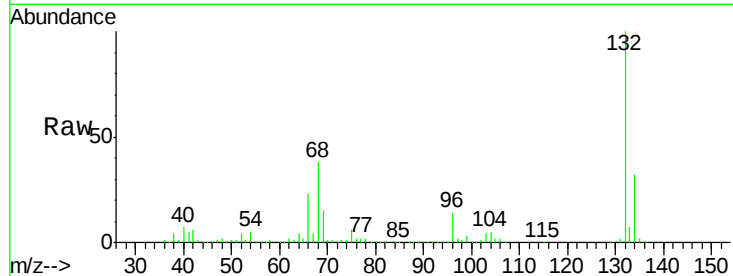




#11
bis(2-Chloroethyl)ether
Concen: 0.186 ng
RT: 7.20 min Scan# 937
Delta R.T. 0.02 min
Lab File: BF095614.D
Acq: 2 Jun 2017 2:50

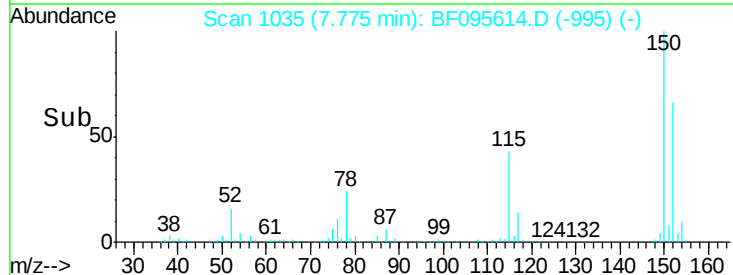
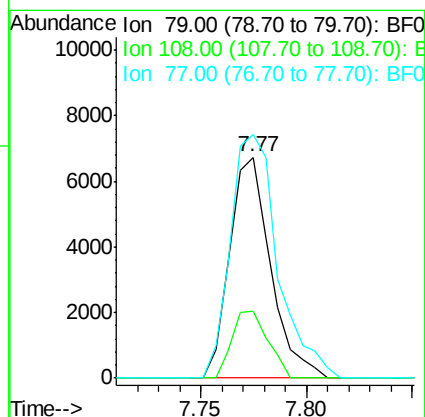
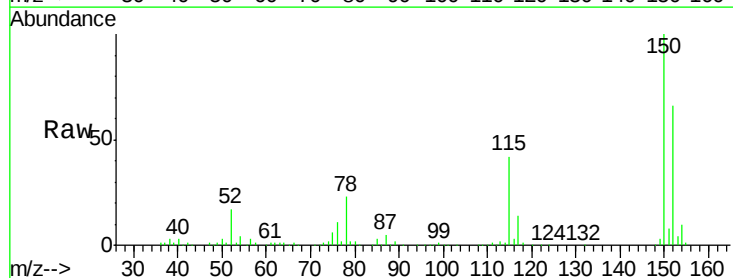
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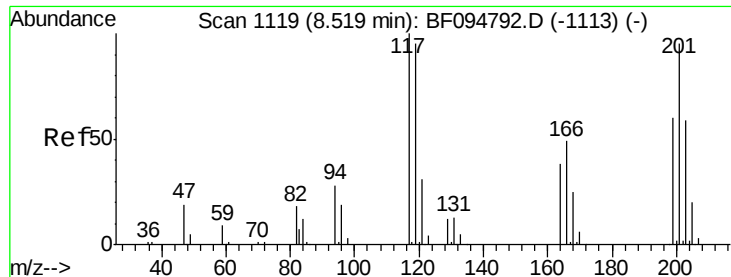
Tgt Ion: 93 Resp: 951
Ion Ratio Lower Upper
93 100
63 590.1 59.2 99.2#
95 239.4 12.8 52.8#



#15
Benzyl Alcohol
Concen: 2.380 ng
RT: 7.77 min Scan# 1035
Delta R.T. -0.06 min
Lab File: BF095614.D
Acq: 2 Jun 2017 2:50

Tgt Ion: 79 Resp: 9011
Ion Ratio Lower Upper
79 100
108 30.3 63.4 95.0#
77 110.1 49.2 73.8#

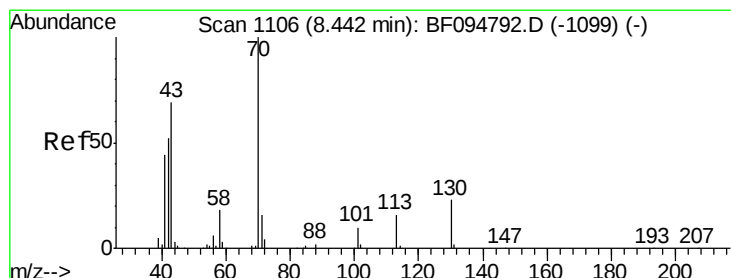
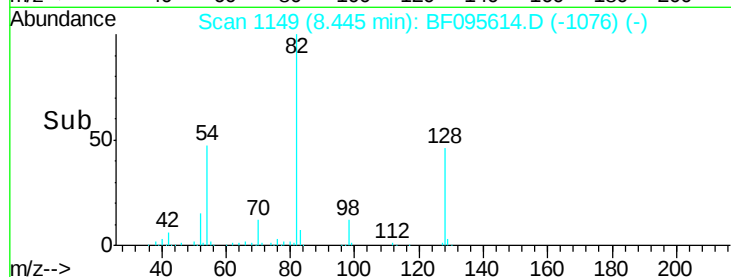
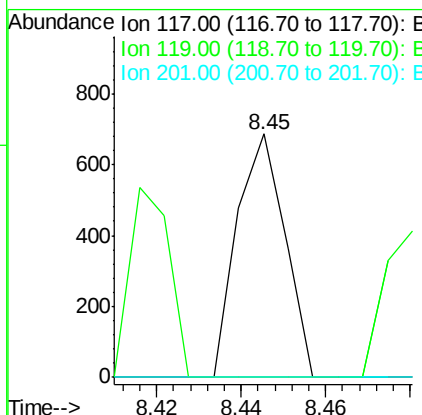
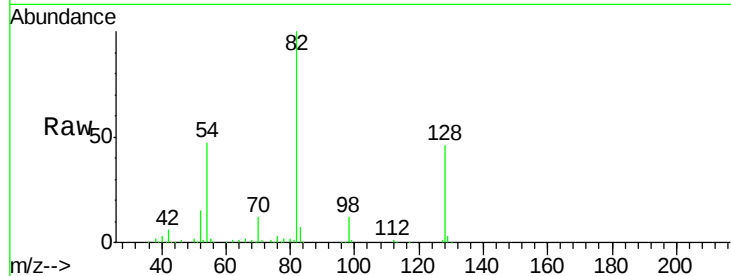




#18
Hexachloroethane
Concen: 0.248 ng
RT: 8.45 min Scan# 1149
Delta R.T. 0.13 min
Lab File: BF095614.D
Acq: 2 Jun 2017 2:50

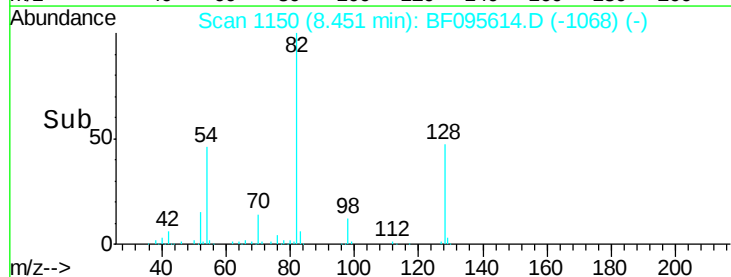
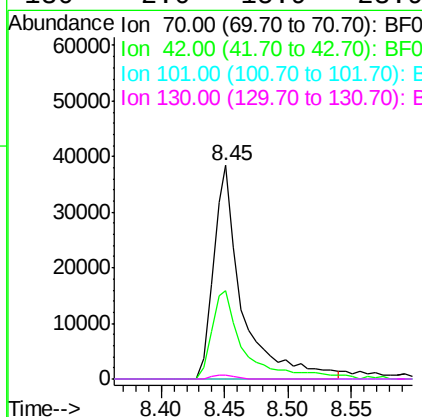
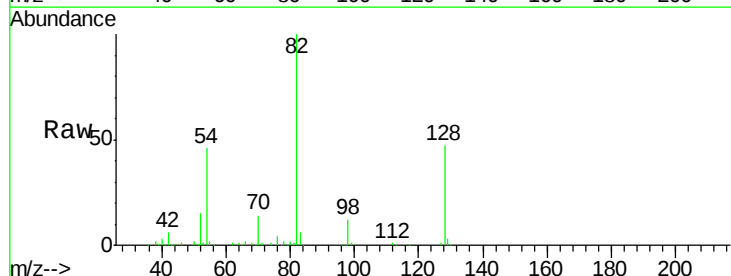
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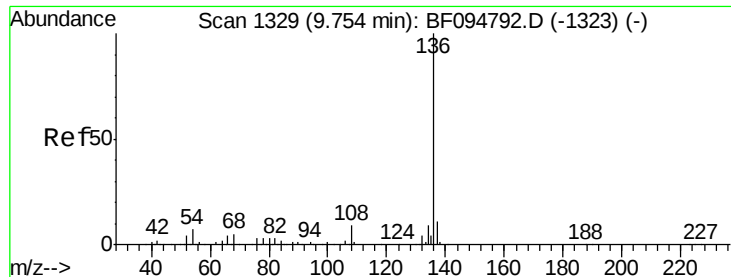
Tgt Ion: 117 Resp: 539
Ion Ratio Lower Upper
117 100
119 0.0 77.4 116.0#
201 0.0 94.6 141.8#



#19
n-Nitroso-di-n-propylamine
Concen: 15.217 ng
RT: 8.45 min Scan# 1150
Delta R.T. 0.18 min
Lab File: BF095614.D
Acq: 2 Jun 2017 2:50

Tgt Ion: 70 Resp: 60572
Ion Ratio Lower Upper
70 100
42 41.4 47.2 70.8#
101 0.0 7.2 10.8#
130 2.0 15.9 23.9#

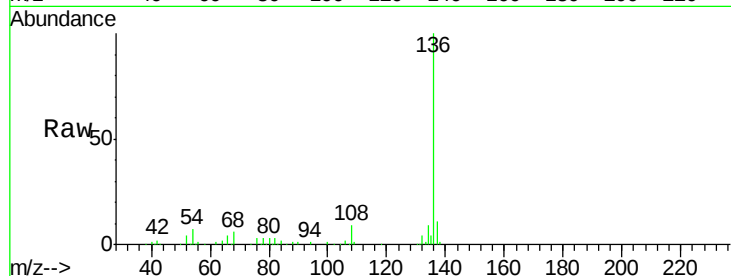




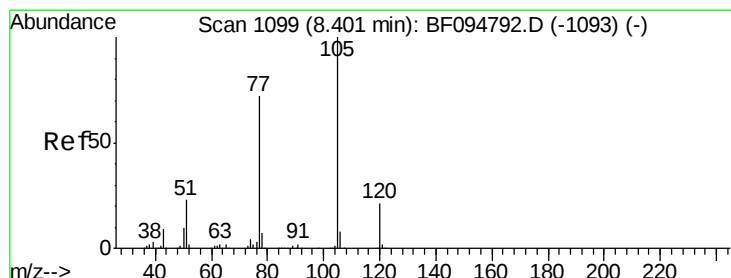
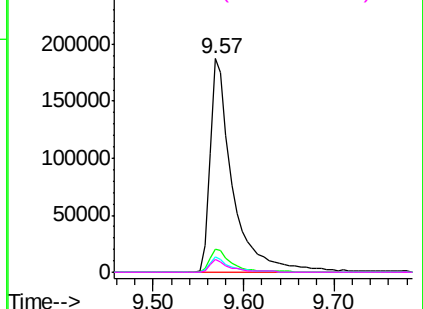
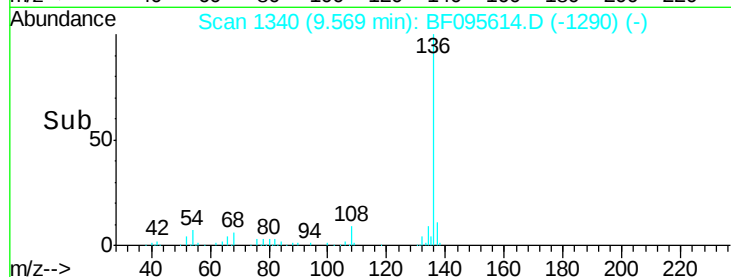
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.57 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF095614.D
Acq: 2 Jun 2017 2:50

Instrument :
BNA_F
ClientSampleId :
WC-NP-ESB-25-26-27

Tgt Ion:	136	Resp:	325624
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.1	4.9	7.3
68	5.8	4.1	6.1

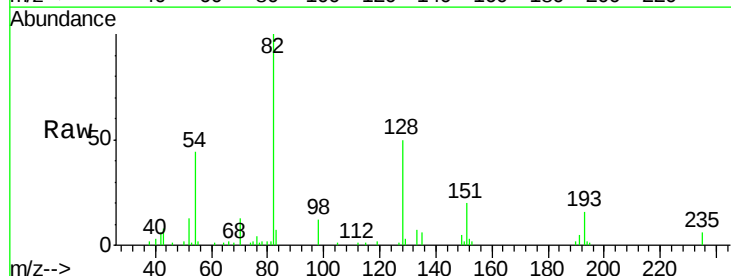


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

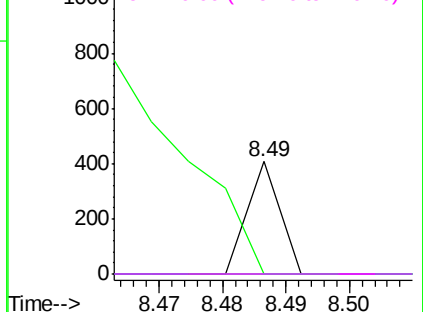
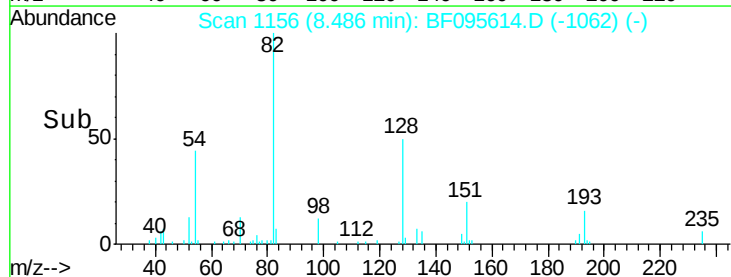


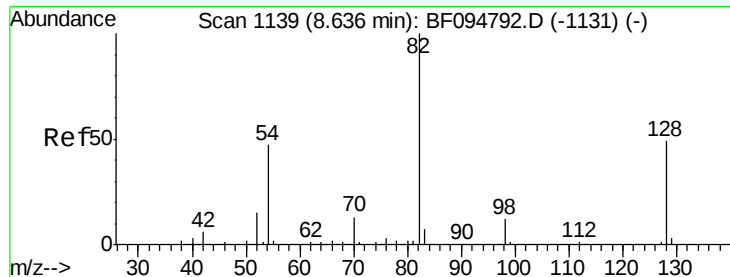
#22
Acetophenone
Concen: 0.018 ng
RT: 8.49 min Scan# 1156
Delta R.T. 0.25 min
Lab File: BF095614.D
Acq: 2 Jun 2017 2:50

Tgt Ion:	105	Resp:	143
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

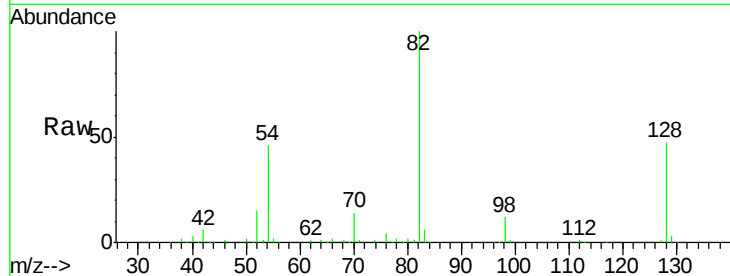




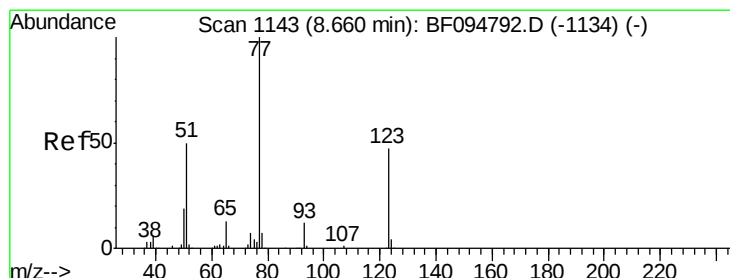
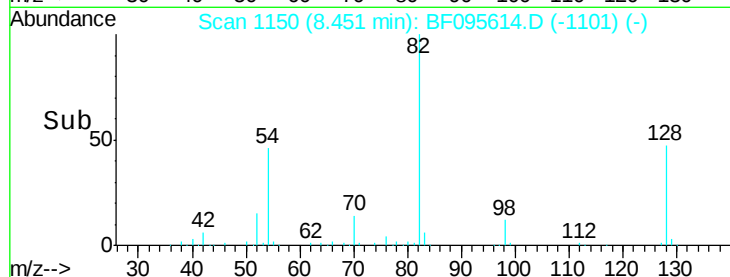
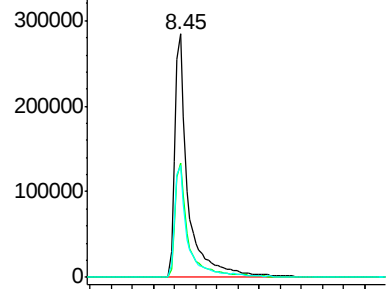
#23
 Nitrobenzene-d5
 Concen: 97.161 ng
 RT: 8.45 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF095614.D
 Acq: 2 Jun 2017 2:50

Instrument :
 BNA_F
 ClientSampleId :
 WC-NP-ESB-25-26-27

Tgt Ion: 82 Resp: 501721
 Ion Ratio Lower Upper
 82 100
 128 46.9 34.0 51.0
 54 45.9 42.2 63.2

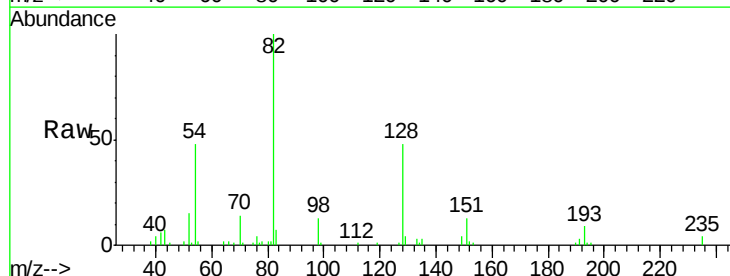


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

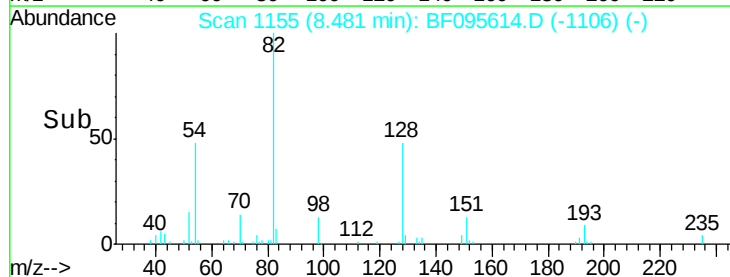
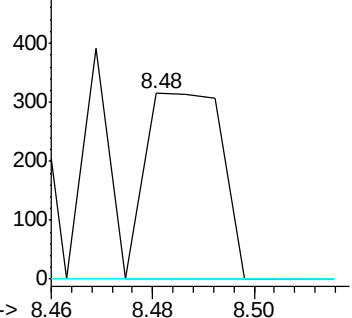


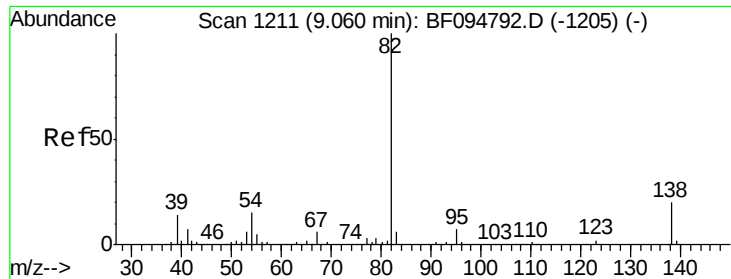
#24
 Nitrobenzene
 Concen: 0.061 ng
 RT: 8.48 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF095614.D
 Acq: 2 Jun 2017 2:50

Tgt Ion: 77 Resp: 331
 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: 0.013 ng

RT: 8.88 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF095614.D

Acq: 2 Jun 2017 2:50

Instrument :

BNA_F

ClientSampleId :

WC-NP-ESB-25-26-27

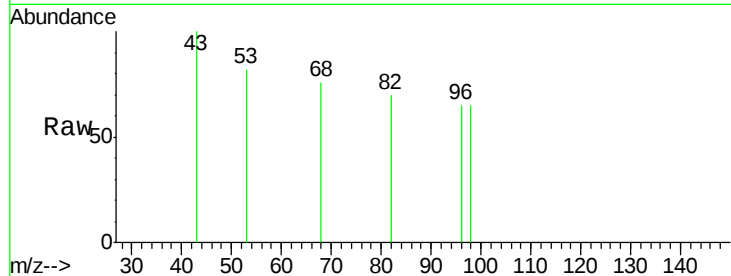
Tgt Ion: 82 Resp: 124

Ion Ratio Lower Upper

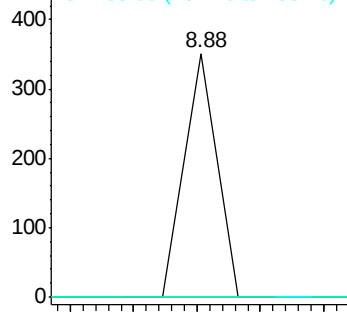
82 100

95 0.0 5.3 7.9#

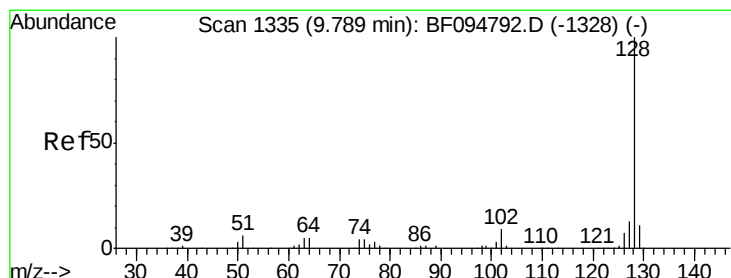
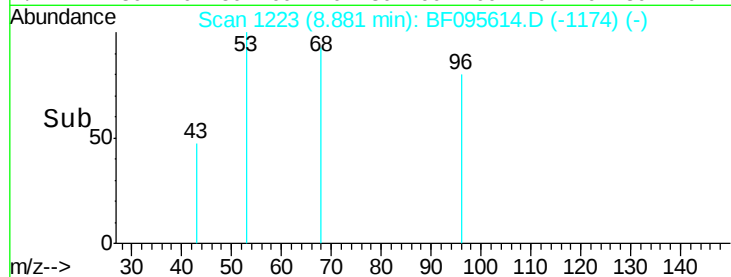
138 0.0 13.1 19.7#



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): E



Time-->



#31

Naphthalene

Concen: 0.196 ng

RT: 9.61 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF095614.D

Acq: 2 Jun 2017 2:50

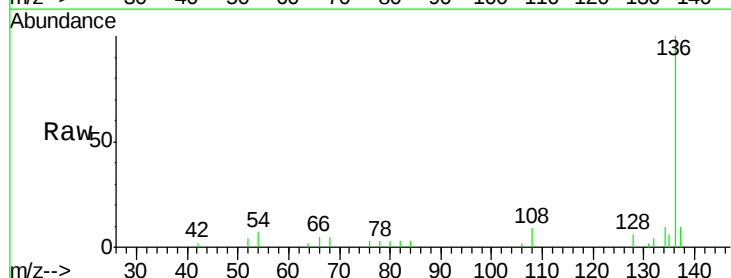
Tgt Ion: 128 Resp: 3204

Ion Ratio Lower Upper

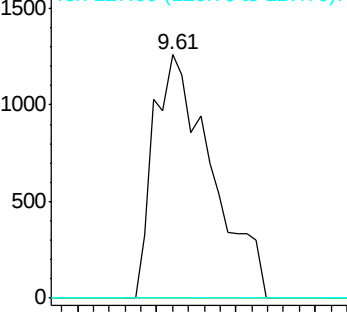
128 100

129 0.0 9.0 13.6#

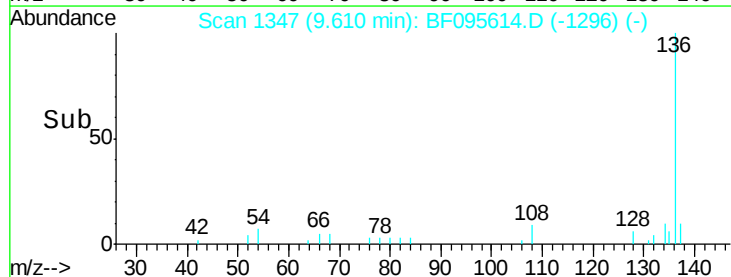
127 0.0 10.8 16.2#

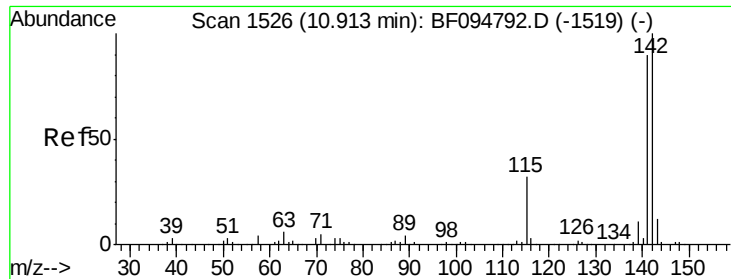


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->

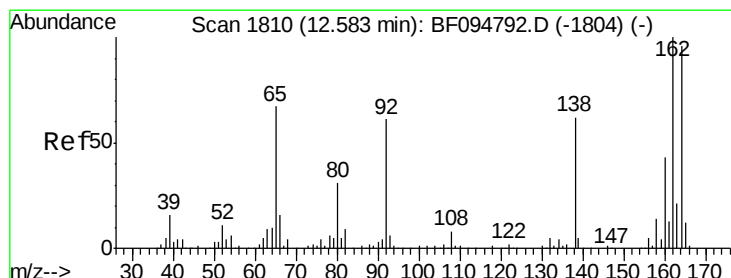
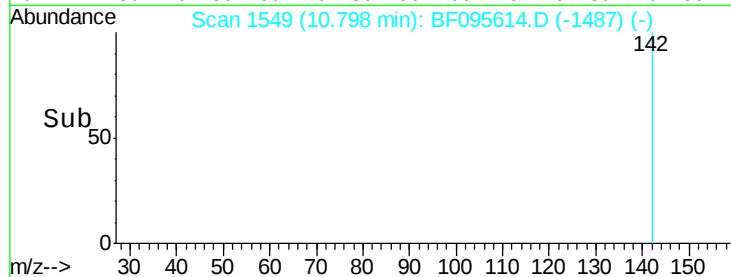
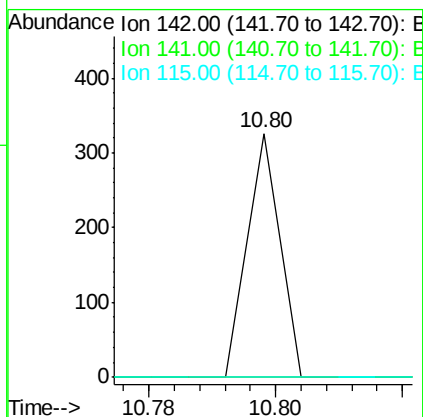
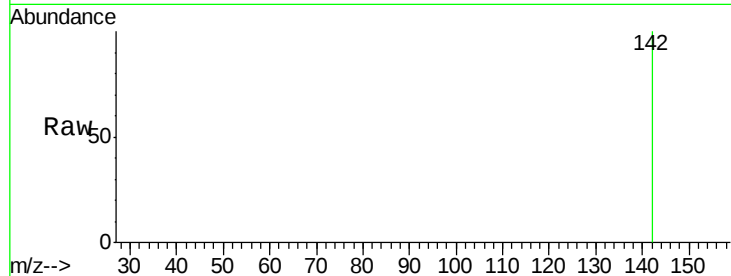




#37
2-Methylnaphthalene
Concen: 0.011 ng
RT: 10.80 min Scan# 1549
Delta R.T. 0.06 min
Lab File: BF095614.D
Acq: 2 Jun 2017 2:50

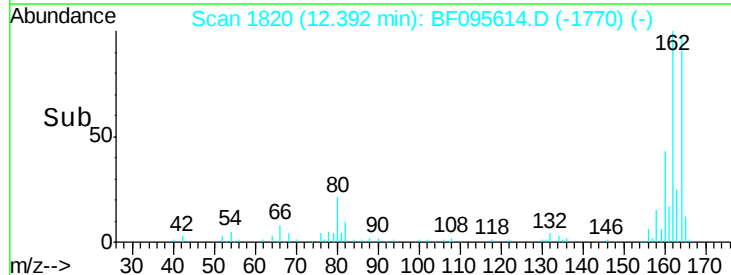
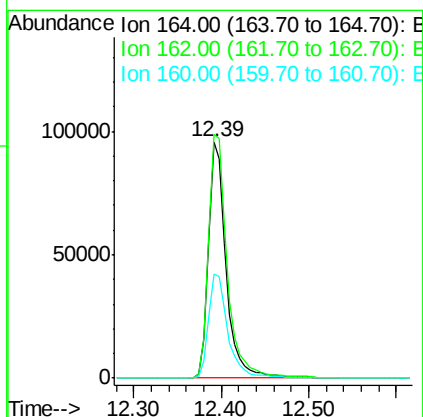
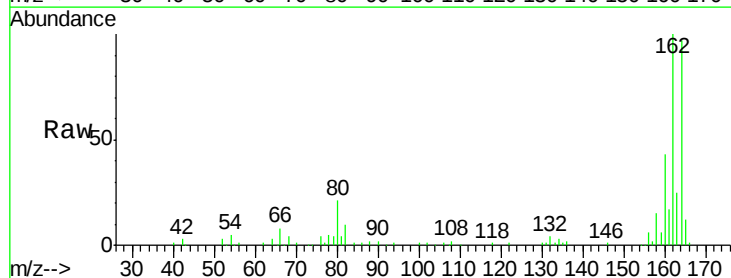
Instrument :
BNA_F
ClientSampleId :
WC-NP-ESB-25-26-27

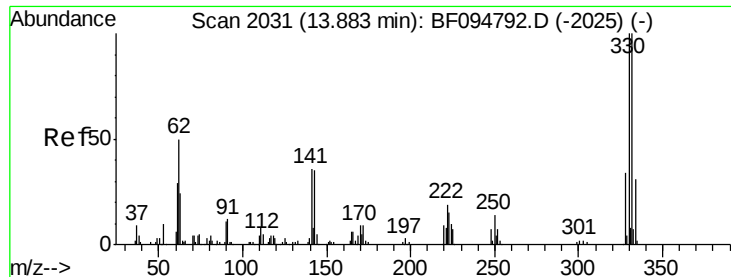
Tgt Ion:142 Resp: 115
Ion Ratio Lower Upper
142 100
141 0.0 71.3 106.9#
115 0.0 27.1 40.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.39 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF095614.D
Acq: 2 Jun 2017 2:50

Tgt Ion:164 Resp: 135474
Ion Ratio Lower Upper
164 100
162 102.9 82.6 123.8
160 44.0 36.2 54.2

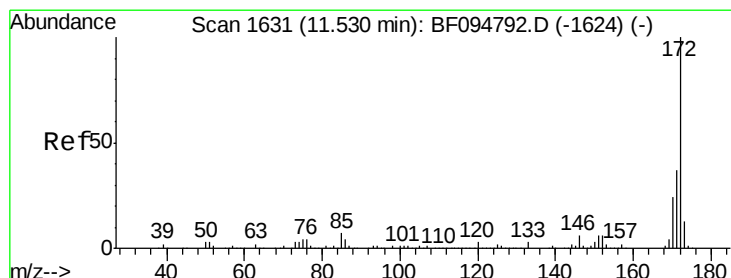
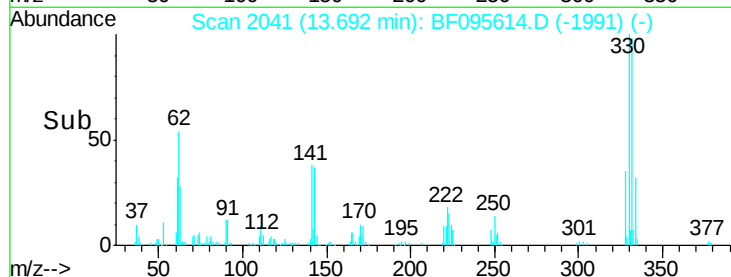
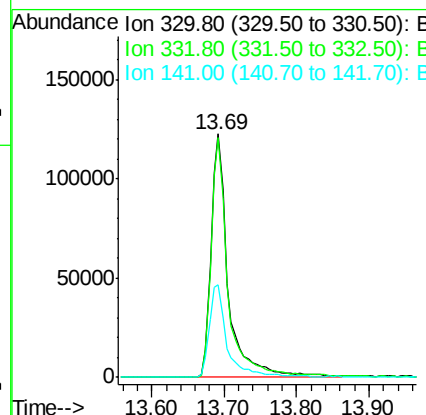
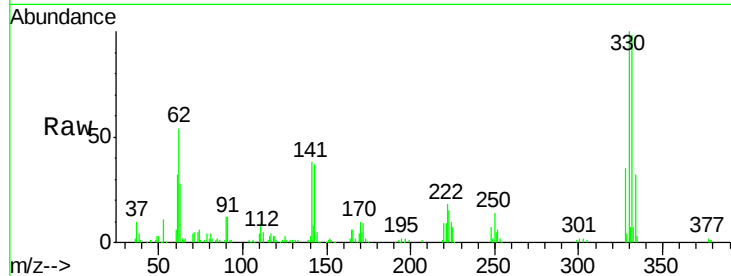




#41
 2,4,6-Tribromophenol
 Concen: 183.512 ng
 RT: 13.69 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF095614.D
 Acq: 2 Jun 2017 2:50

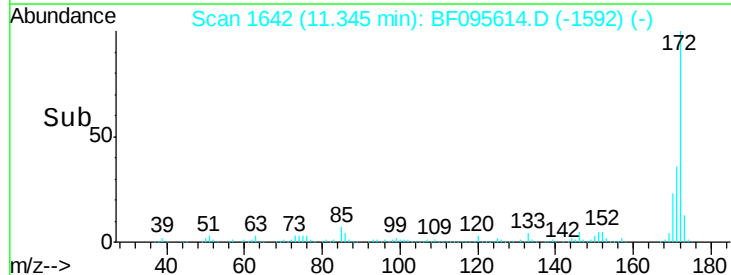
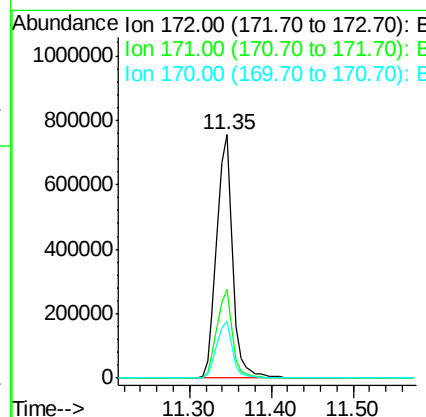
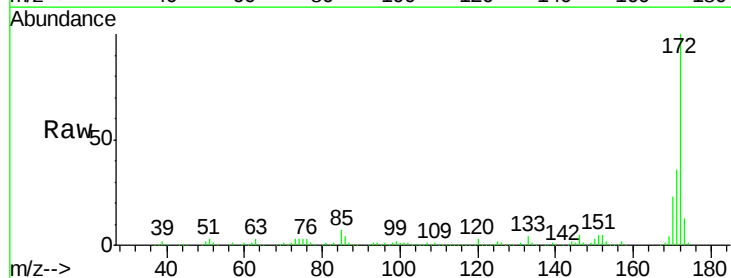
Instrument :
 BNA_F
 ClientSampleId :
 WC-NP-ESB-25-26-27

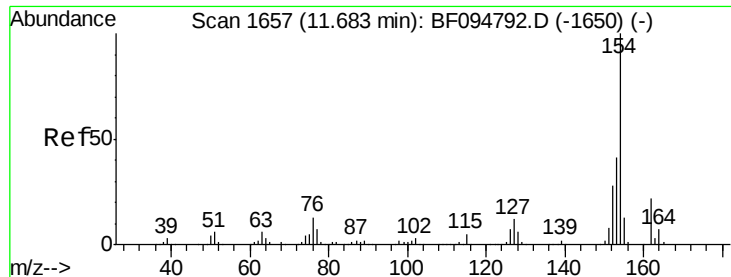
Tgt Ion:330 Resp: 203605
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.6 115.0
 141 39.6 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 111.201 ng
 RT: 11.35 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF095614.D
 Acq: 2 Jun 2017 2:50

Tgt Ion:172 Resp: 1046647
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.4 19.8 29.8

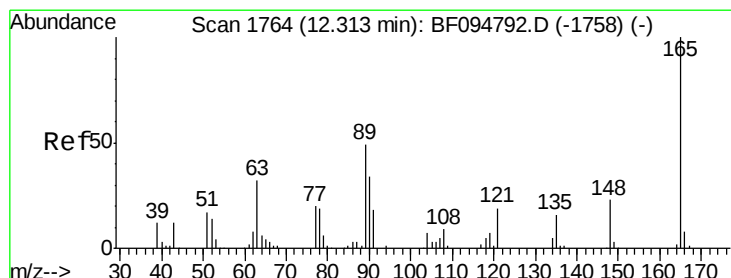
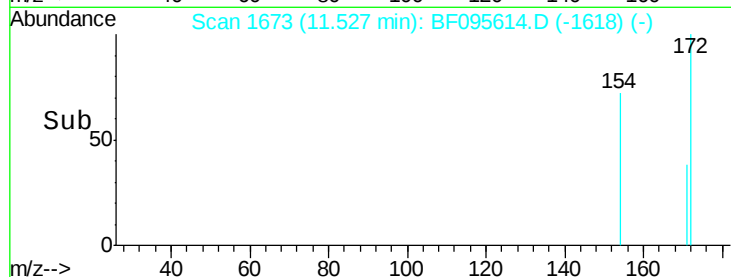
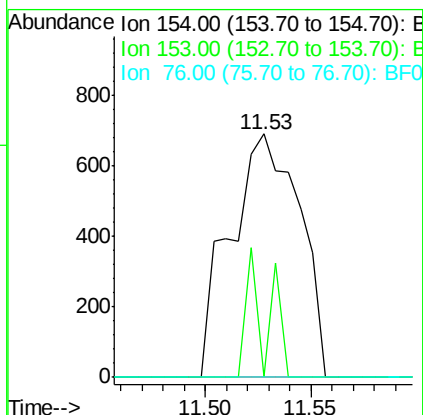
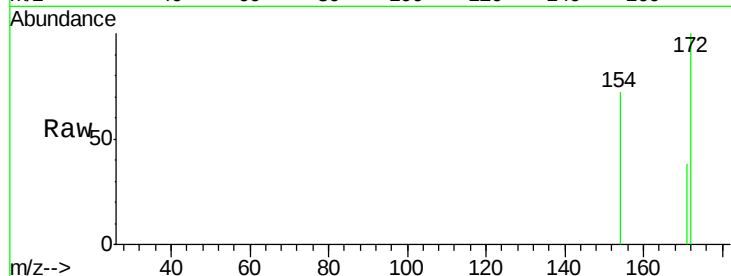




#45
 1,1'-Biphenyl
 Concen: 0.139 ng
 RT: 11.53 min Scan# 1673
 Delta R.T. 0.02 min
 Lab File: BF095614.D
 Acq: 2 Jun 2017 2:50

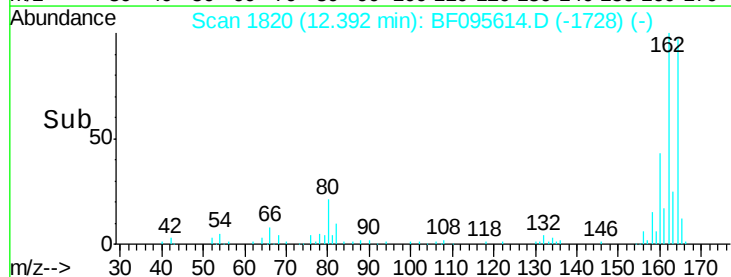
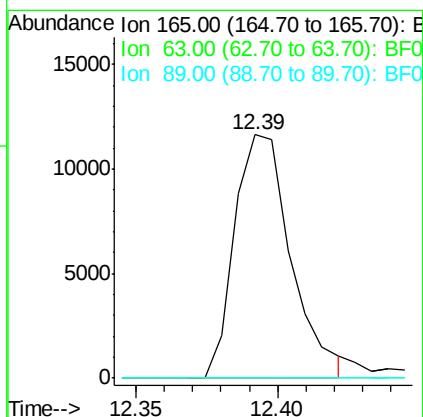
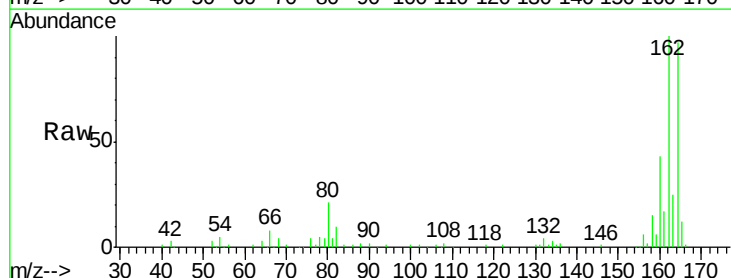
Instrument :
 BNA_F
 ClientSampleId :
 WC-NP-ESB-25-26-27

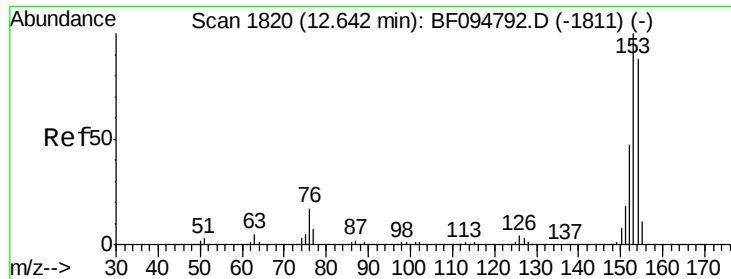
Tgt Ion:154 Resp: 1580
 Ion Ratio Lower Upper
 154 100
 153 0.0 21.2 61.2#
 76 0.0 0.0 29.9



#50
 2,6-Dinitrotoluene
 Concen: 7.095 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. 0.24 min
 Lab File: BF095614.D
 Acq: 2 Jun 2017 2:50

Tgt Ion:165 Resp: 16099
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#





#51

Acenaphthene

Concen: 0.032 ng

RT: 12.39 min Scan# 1820

Delta R.T. -0.06 min

Lab File: BF095614.D

Acq: 2 Jun 2017 2:50

Instrument :

BNA_F

ClientSampleId :

WC-NP-ESB-25-26-27

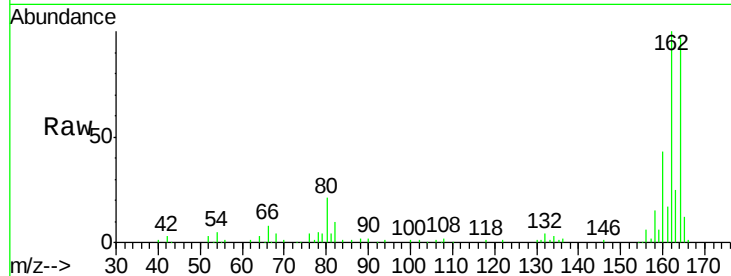
Tgt Ion:154 Resp: 273

Ion Ratio Lower Upper

154 100

153 0.0 90.5 135.7#

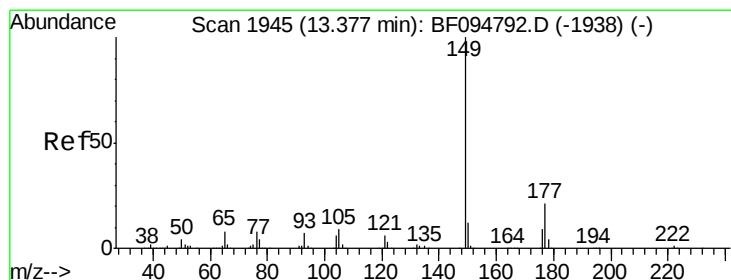
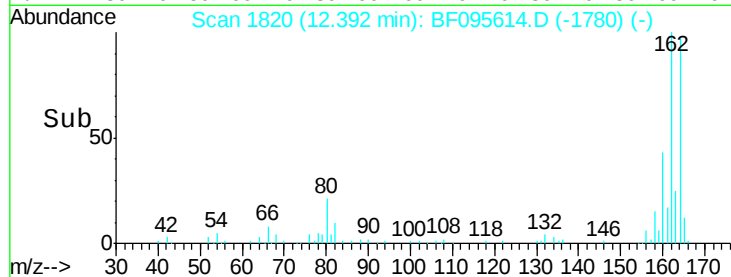
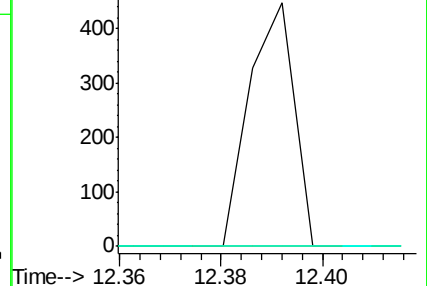
152 0.0 43.6 65.4#



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



#59

Diethylphthalate

Concen: 0.099 ng

RT: 13.20 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BF095614.D

Acq: 2 Jun 2017 2:50

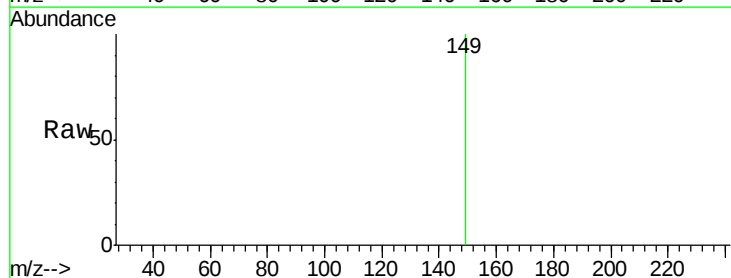
Tgt Ion:149 Resp: 1058

Ion Ratio Lower Upper

149 100

177 0.0 16.7 25.1#

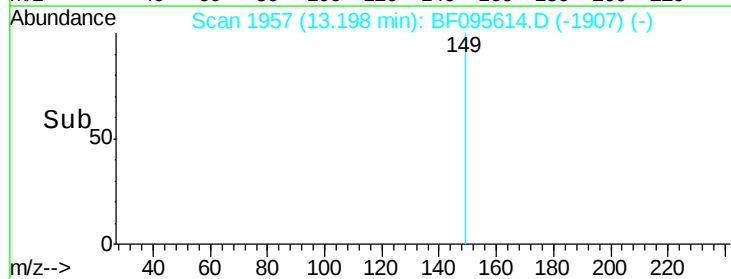
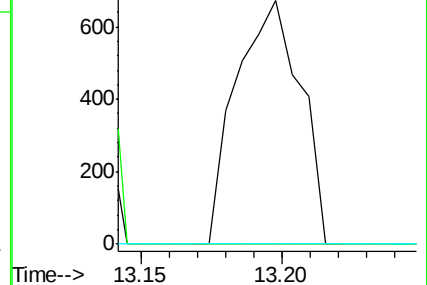
150 0.0 10.2 15.2#

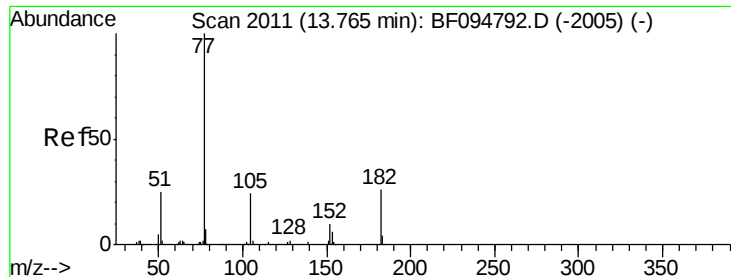


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.112 ng

RT: 13.69 min Scan# 2041

Delta R.T. 0.11 min

Lab File: BF095614.D

Acq: 2 Jun 2017 2:50

Instrument :

BNA_F

ClientSampleId :

WC-NP-ESB-25-26-27

Tgt Ion: 77 Resp: 957

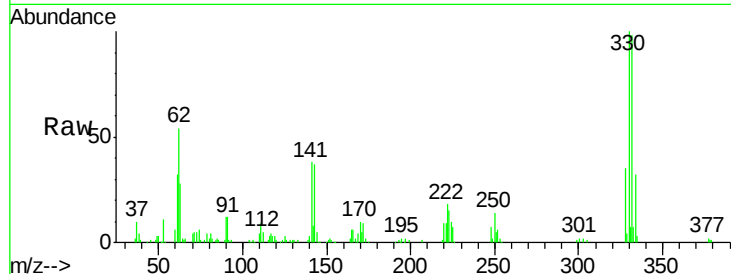
Ion Ratio Lower Upper

77 100

182 0.0 0.1 40.1#

105 69.2 3.6 43.6#

51 58.2 9.4 49.4#

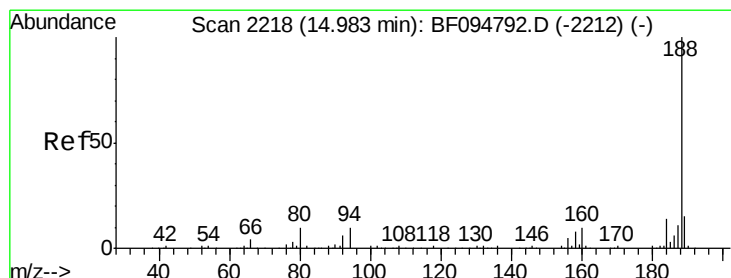
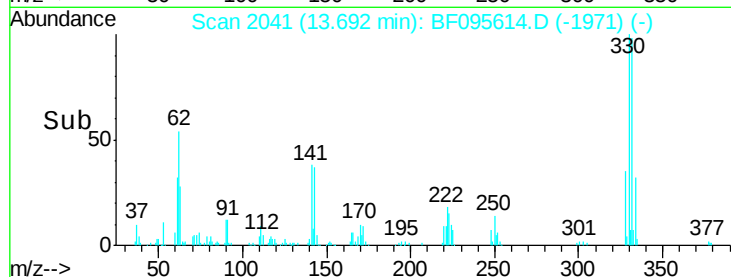
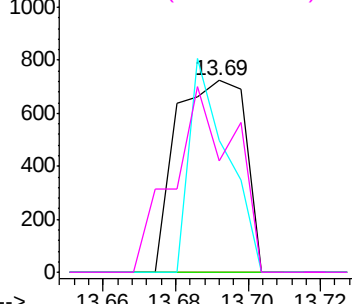


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF095614.D

Acq: 2 Jun 2017 2:50

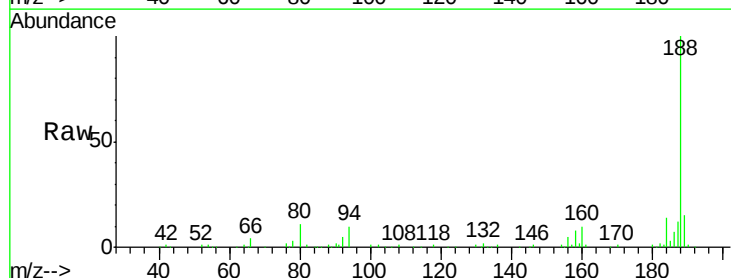
Tgt Ion: 188 Resp: 282013

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

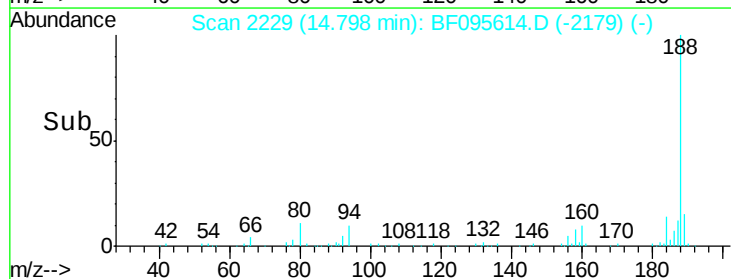
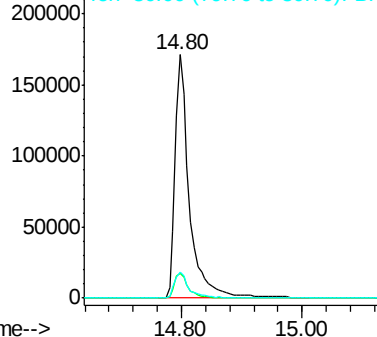
80 10.9 10.2 15.2

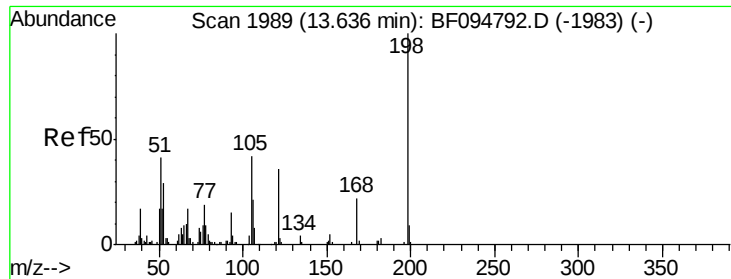


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

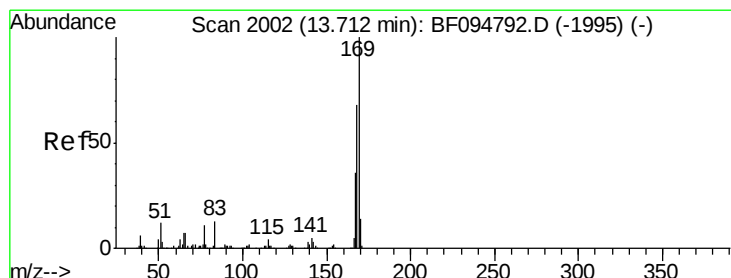
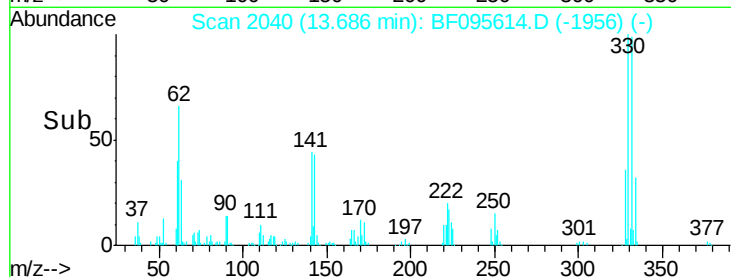
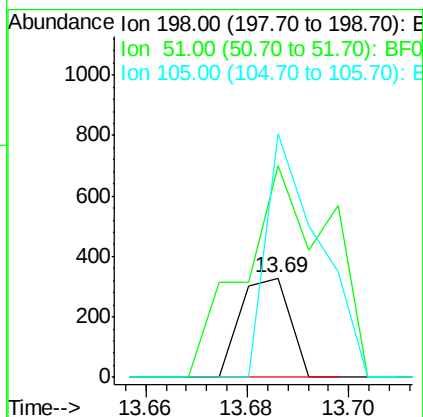
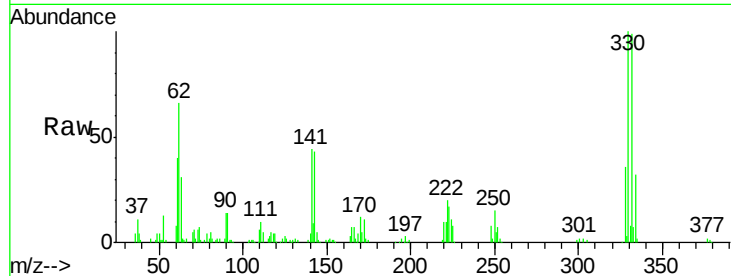




#64
4,6-Dinitro-2-methylphenol
Concen: 0.118 ng
RT: 13.69 min Scan# 2040
Delta R.T. 0.19 min
Lab File: BF095614.D
Acq: 2 Jun 2017 2:50

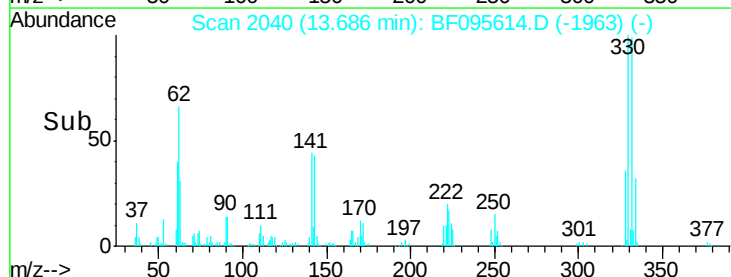
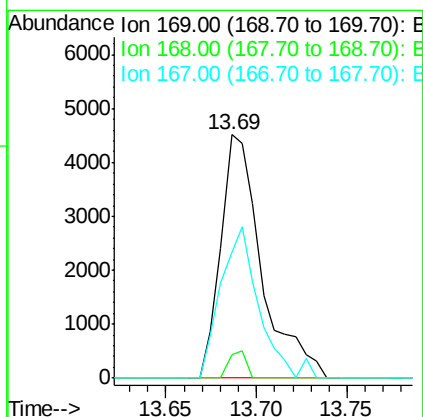
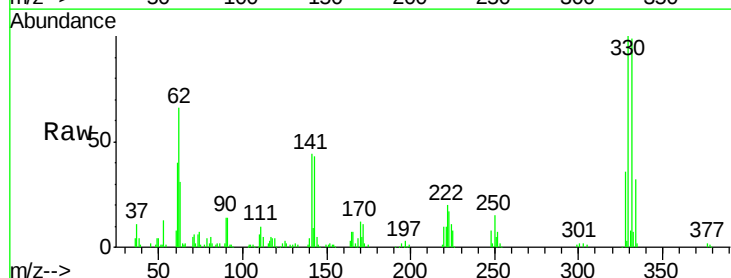
Instrument :
BNA_F
ClientSampleId :
WC-NP-ESB-25-26-27

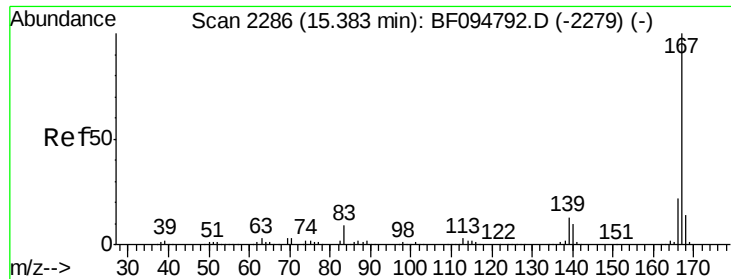
Tgt Ion:198 Resp: 223
Ion Ratio Lower Upper
198 100
51 213.4 53.2 93.2#
105 245.0 45.8 85.8#



#65
n-Nitrosodiphenylamine
Concen: 0.696 ng
RT: 13.69 min Scan# 2040
Delta R.T. 0.15 min
Lab File: BF095614.D
Acq: 2 Jun 2017 2:50

Tgt Ion:169 Resp: 7120
Ion Ratio Lower Upper
169 100
168 9.8 53.2 79.8#
167 51.6 29.5 44.3#





#72

Carbazole

Concen: 0.010 ng

RT: 15.33 min Scan# 2320

Delta R.T. 0.12 min

Lab File: BF095614.D

Acq: 2 Jun 2017 2:50

Instrument :

BNA_F

ClientSampleId :

WC-NP-ESB-25-26-27

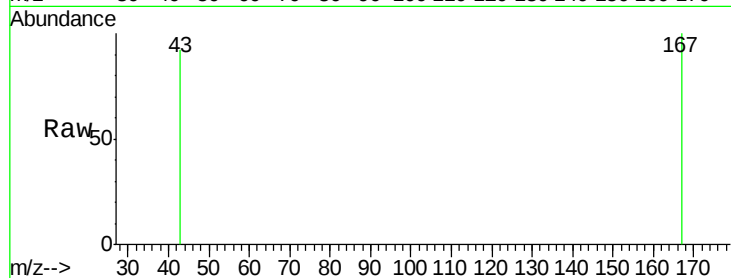
Tgt Ion:167 Resp: 148

Ion Ratio Lower Upper

167 100

166 0.0 18.1 27.1#

139 0.0 11.7 17.5#



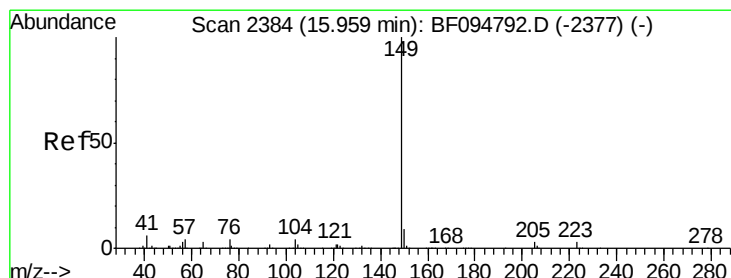
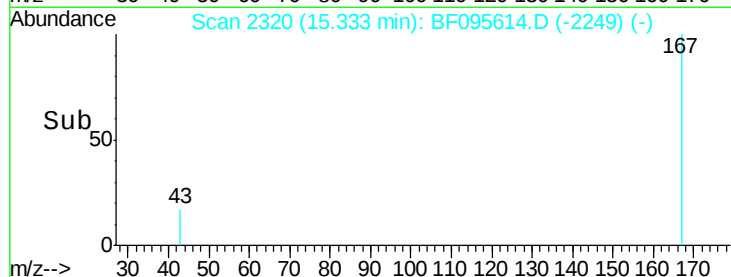
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

15.33

Time-->



#73

Di-n-butylphthalate

Concen: 0.071 ng

RT: 15.79 min Scan# 2398

Delta R.T. 0.01 min

Lab File: BF095614.D

Acq: 2 Jun 2017 2:50

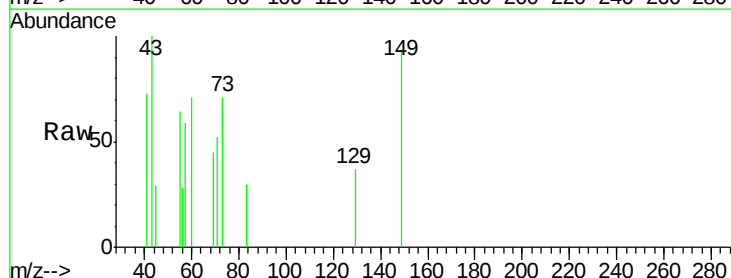
Tgt Ion:149 Resp: 1336

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

104 0.0 4.0 6.0#



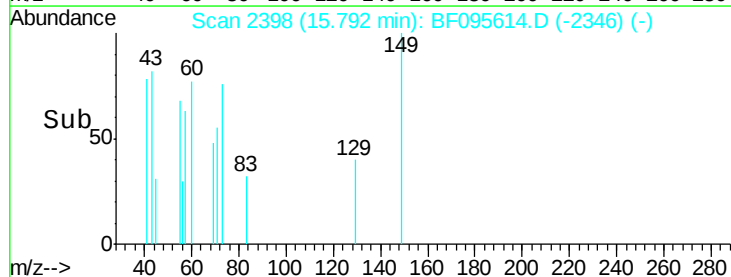
Abundance Ion 149.00 (148.70 to 149.70): E

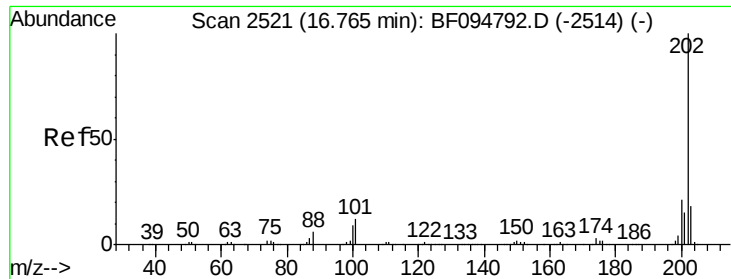
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

15.79

Time-->

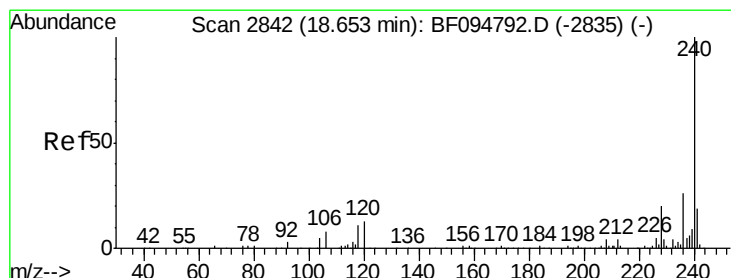
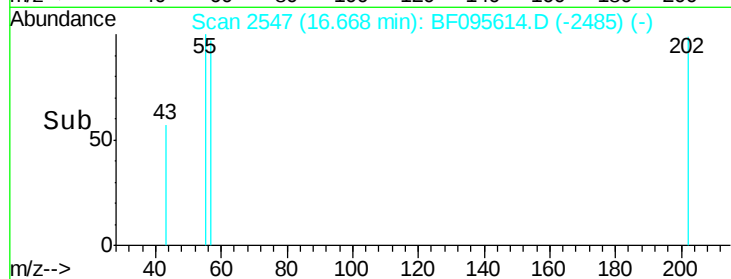
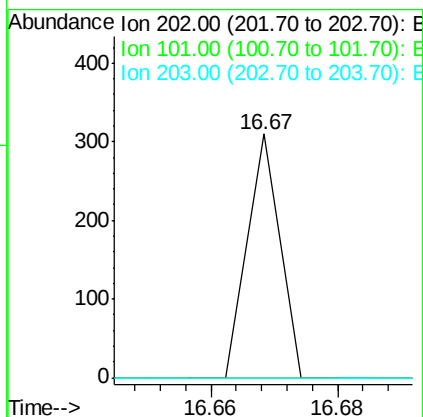
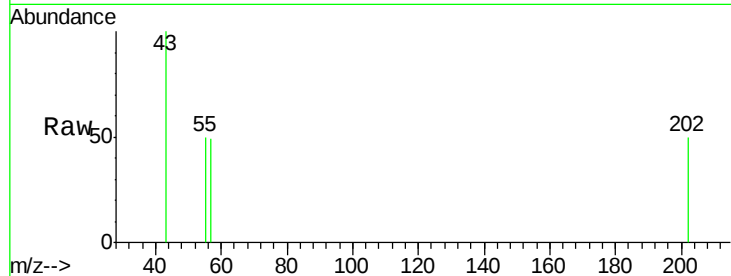




#74
 Fluoranthene
 Concen: 0.007 ng
 RT: 16.67 min Scan# 2547
 Delta R.T. 0.06 min
 Lab File: BF095614.D
 Acq: 2 Jun 2017 2:50

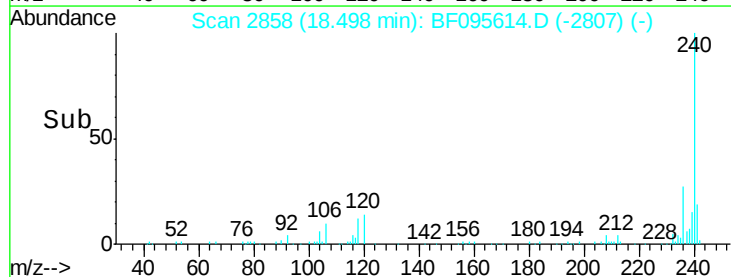
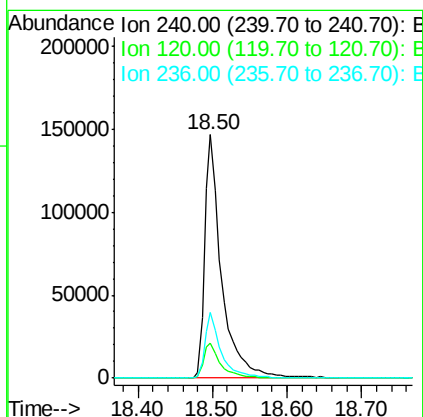
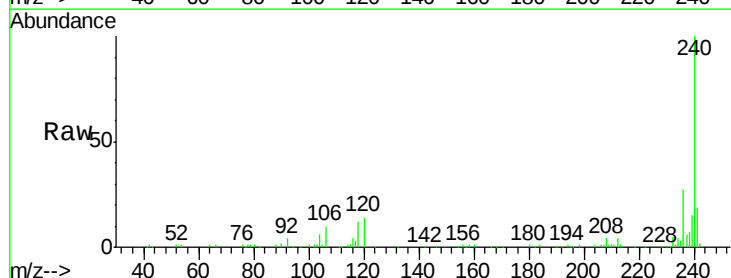
Instrument :
 BNA_F
 ClientSampleId :
 WC-NP-ESB-25-26-27

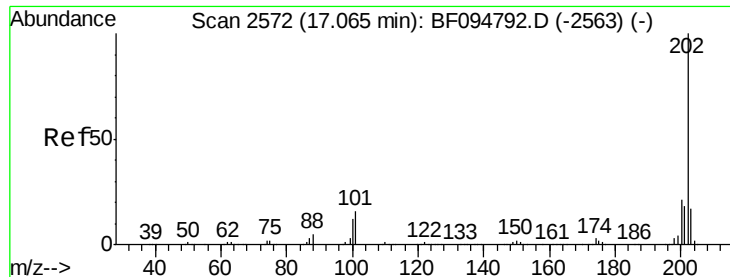
Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	33.2
203	0.0	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 18.50 min Scan# 2858
 Delta R.T. -0.00 min
 Lab File: BF095614.D
 Acq: 2 Jun 2017 2:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	27.0	20.5	30.7





#77

Pyrene

Concen: 0.006 ng

RT: 16.67 min Scan# 2547

Delta R.T. -0.24 min

Lab File: BF095614.D

Acq: 2 Jun 2017 2:50

Instrument :

BNA_F

ClientSampleId :

WC-NP-ESB-25-26-27

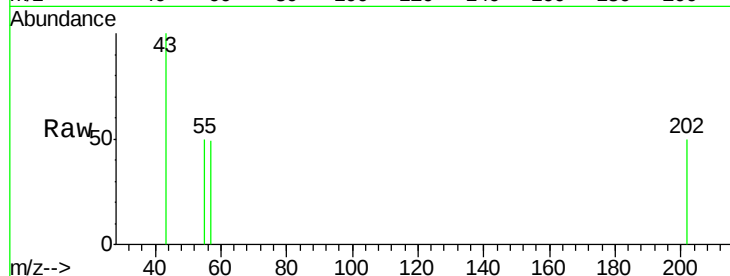
Tgt Ion: 202 Resp: 109

Ion Ratio Lower Upper

202 100

200 0.0 17.6 26.4#

203 0.0 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

16.67

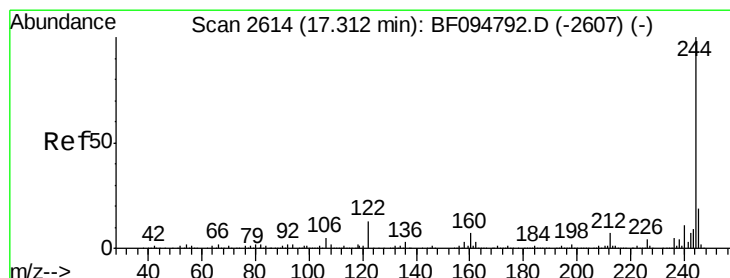
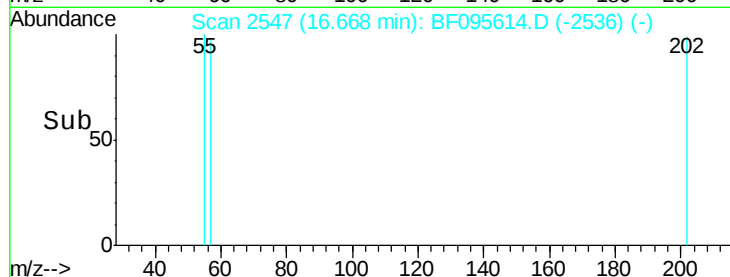
300

200

100

0

Time-->



#78

Terphenyl-d14

Concen: 91.942 ng

RT: 17.15 min Scan# 2629

Delta R.T. -0.00 min

Lab File: BF095614.D

Acq: 2 Jun 2017 2:50

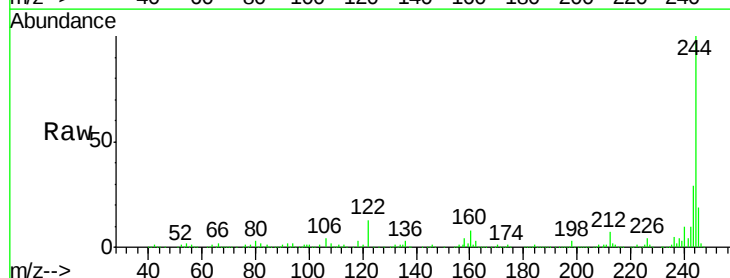
Tgt Ion: 244 Resp: 972151

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 13.1 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

17.15

800000

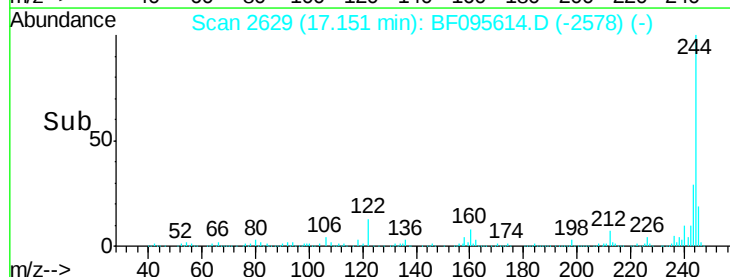
600000

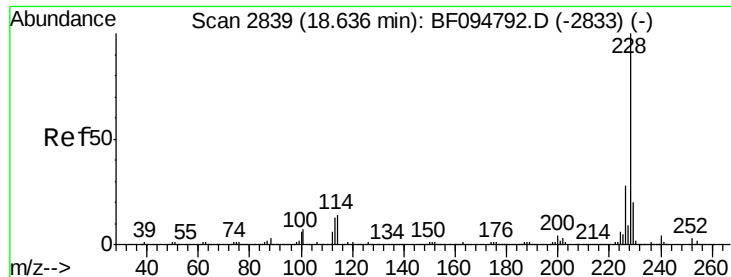
400000

200000

0

Time-->





#80

Benzo(a)anthracene

Concen: 0.053 ng

RT: 18.50 min Scan# 2858

Delta R.T. 0.01 min

Lab File: BF095614.D

Acq: 2 Jun 2017 2:50

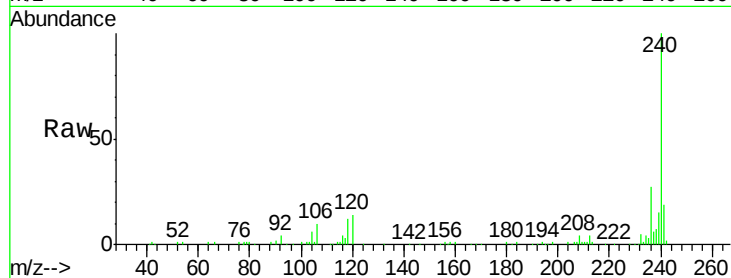
Instrument :

BNA_F

ClientSampleId :

WC-NP-ESB-25-26-27

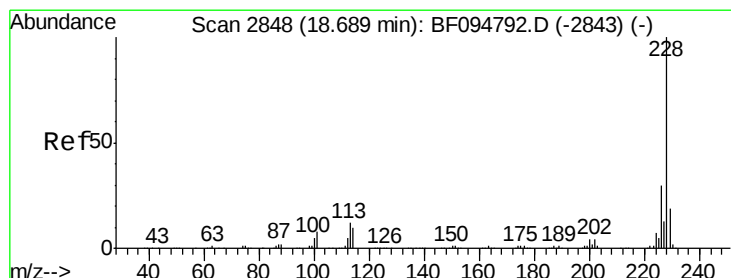
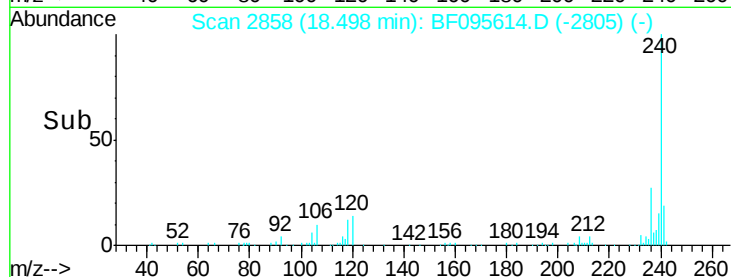
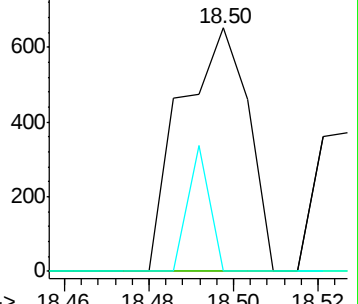
Tgt Ion:	228	Resp:	723
Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.6	33.8#
229	0.0	16.3	24.5#



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: 0.034 ng

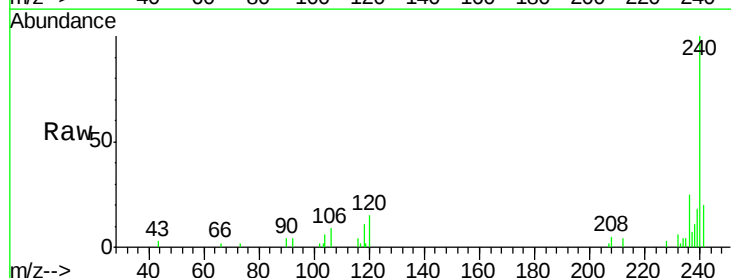
RT: 18.53 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BF095614.D

Acq: 2 Jun 2017 2:50

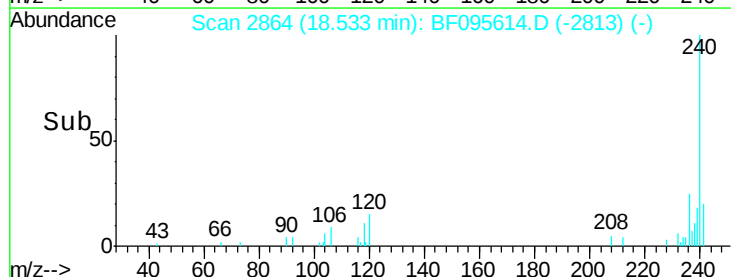
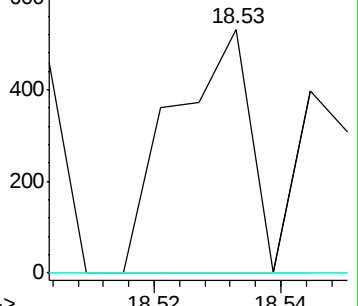
Tgt Ion:	228	Resp:	447
Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	0.0	15.8	23.6#

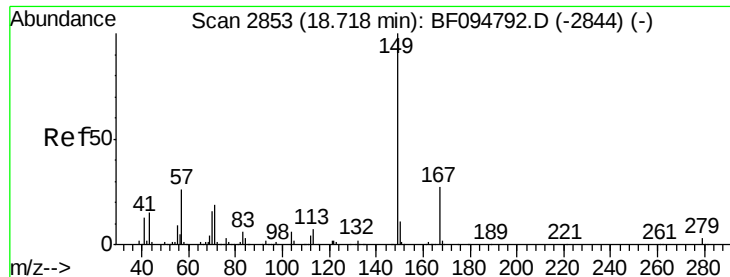


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

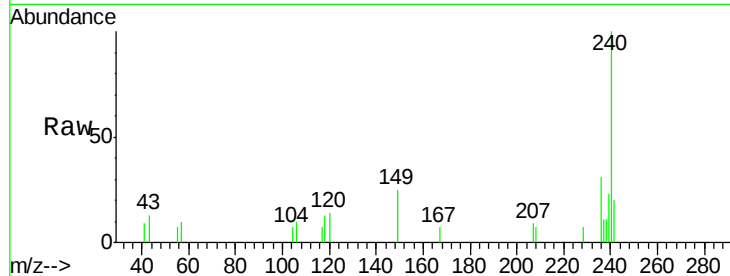




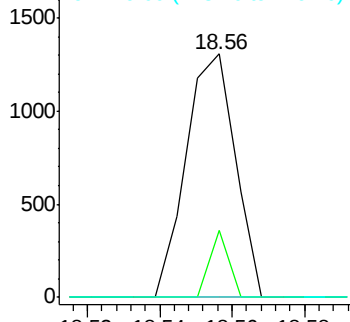
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.106 ng
 RT: 18.56 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: BF095614.D
 Acq: 2 Jun 2017 2:50

Instrument :
 BNA_F
 ClientSampleId :
 WC-NP-ESB-25-26-27

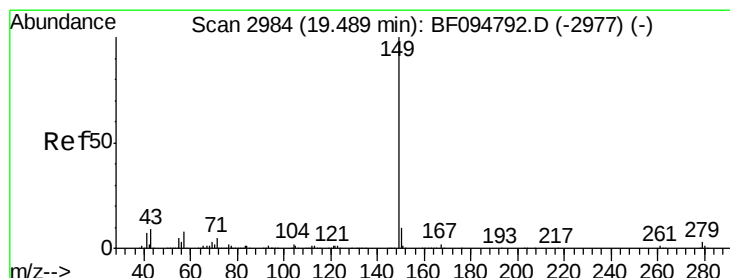
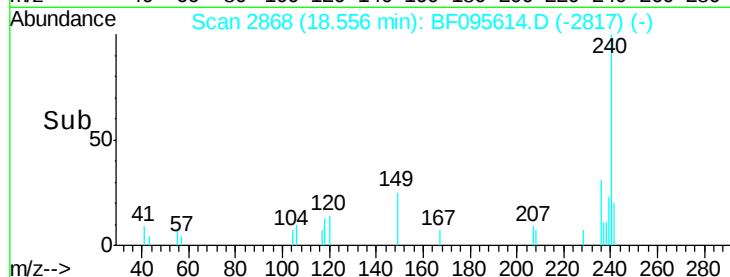
Tgt Ion:149 Resp: 1228
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.0 31.4
 279 0.0 1.9 2.9#



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

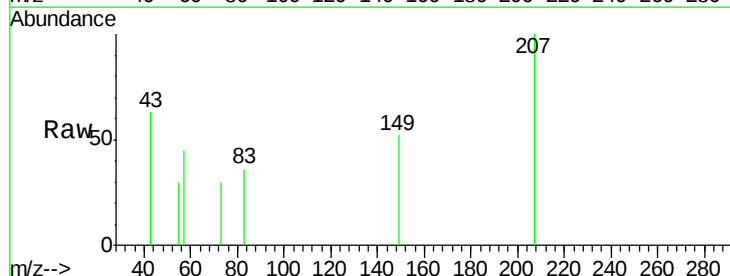


Time--> 18.52 18.54 18.56 18.58

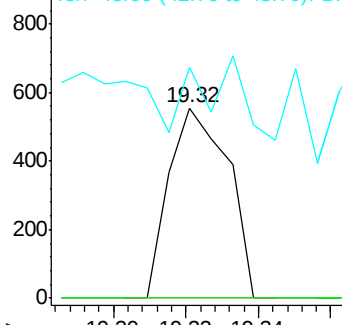


#84
 Di-n-octyl phthalate
 Concen: 0.033 ng
 RT: 19.32 min Scan# 2998
 Delta R.T. -0.01 min
 Lab File: BF095614.D
 Acq: 2 Jun 2017 2:50

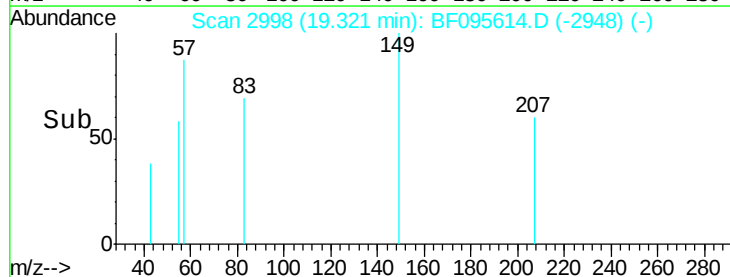
Tgt Ion:149 Resp: 628
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 33.3 8.5 12.7#

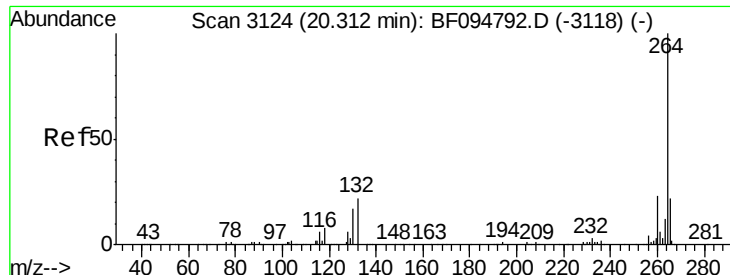


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0



Time--> 19.30 19.32 19.34

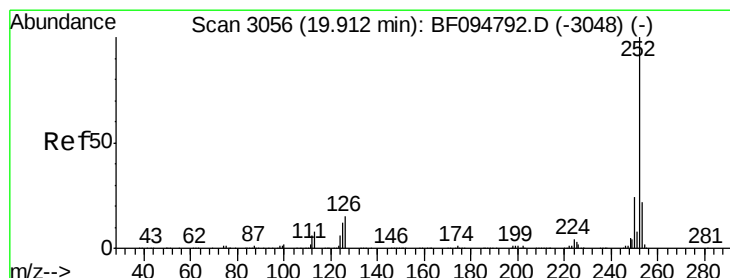
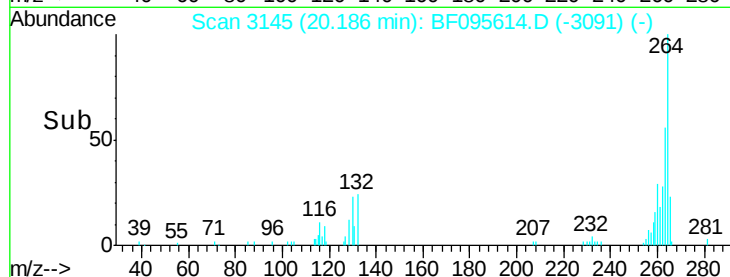
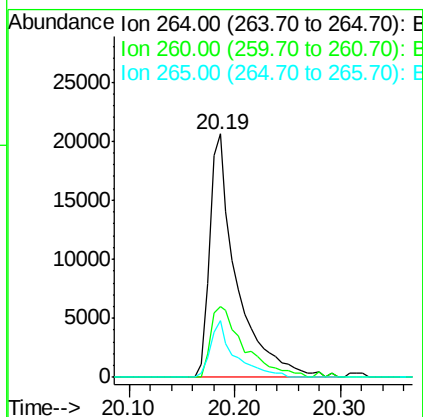
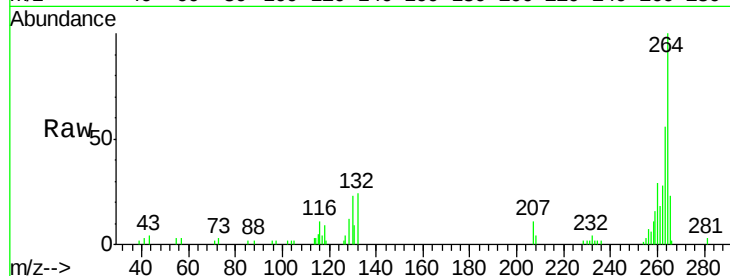




#86
Perylene-d12
Concen: 20.000 ng
RT: 20.19 min Scan# 3145
Delta R.T. 0.02 min
Lab File: BF095614.D
Acq: 2 Jun 2017 2:50

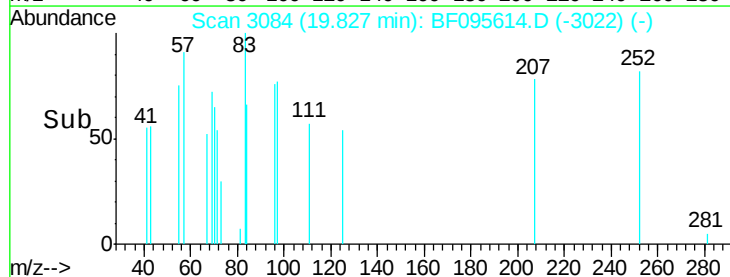
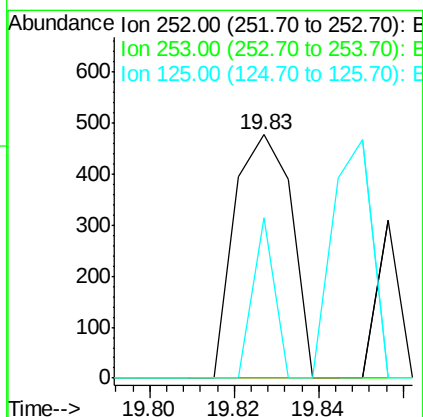
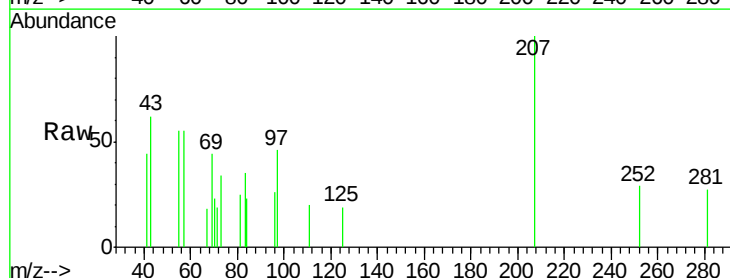
Instrument :
BNA_F
ClientSampleId :
WC-NP-ESB-25-26-27

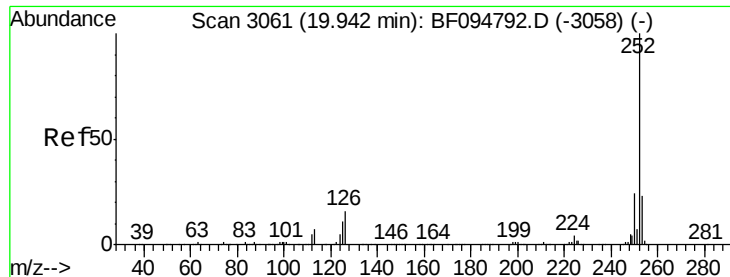
Tgt Ion:264 Resp: 36808
Ion Ratio Lower Upper
264 100
260 29.2 19.5 29.3
265 23.1 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 0.196 ng
RT: 19.83 min Scan# 3084
Delta R.T. 0.06 min
Lab File: BF095614.D
Acq: 2 Jun 2017 2:50

Tgt Ion:252 Resp: 445
Ion Ratio Lower Upper
252 100
253 0.0 18.1 27.1#
125 66.0 9.8 14.8#





#88

Benzo(k)fluoranthene

Concen: 0.203 ng

RT: 19.83 min Scan# 3084

Delta R.T. 0.04 min

Lab File: BF095614.D

Acq: 2 Jun 2017 2:50

Instrument :

BNA_F

ClientSampleId :

WC-NP-ESB-25-26-27

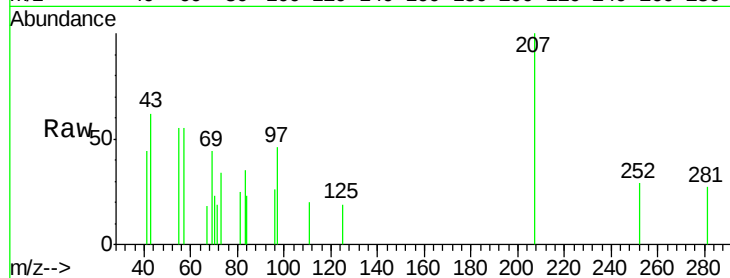
Tgt Ion:252 Resp: 445

Ion Ratio Lower Upper

252 100

253 0.0 18.4 27.6#

125 66.0 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

19.83

19.84

19.85

19.86

19.87

19.88

19.89

19.90

19.91

19.92

19.93

19.94

19.95

19.96

19.97

19.98

19.99

20.00

20.01

20.02

20.03

20.04

20.05

20.06

20.07

20.08

20.09

20.10

20.11

20.12

20.13

20.14

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20.29

20.30

20.31

20.32

20.33

20.34

20.35

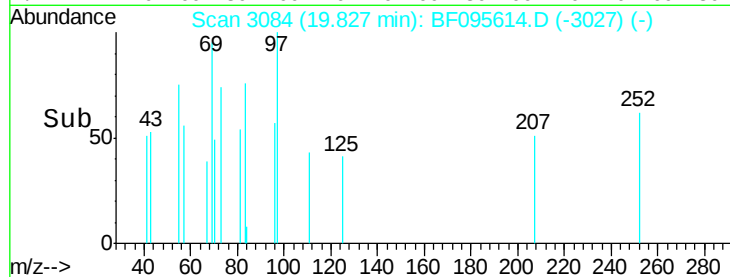
20.36

20.37

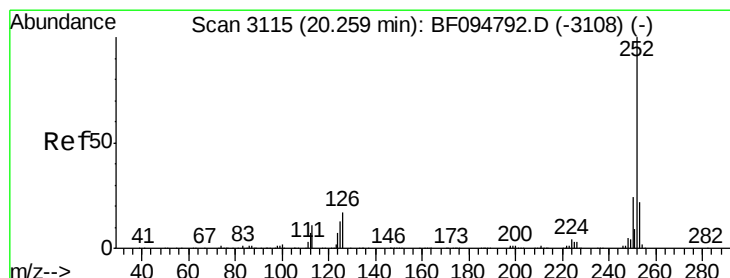
20.38

20.39

20.40



Time-->



#89

Benzo(a)pyrene

Concen: 0.052 ng

RT: 19.86 min Scan# 3089

Delta R.T. -0.25 min

Lab File: BF095614.D

Acq: 2 Jun 2017 2:50

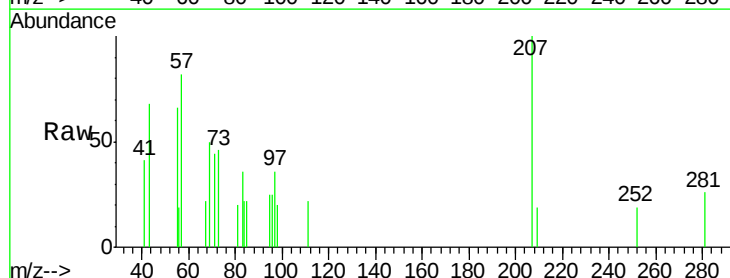
Tgt Ion:252 Resp: 109

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

19.86

19.87

19.88

19.89

19.90

19.91

19.92

19.93

19.94

19.95

19.96

19.97

19.98

19.99

20.00

20.01

20.02

20.03

20.04

20.05

20.06

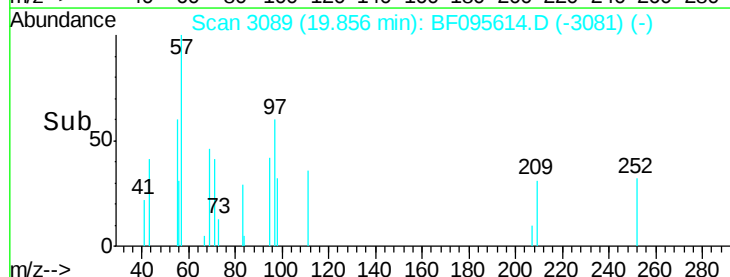
20.07

20.08

20.09

20.10

20.11



Time-->