

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
 Data File : BF084995.D
 Acq On : 10 Feb 2016 16:16
 Operator : SJ/IZ
 Sample : H1375-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-001(0-2)RE

Quant Time: Feb 10 17:42:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	153524	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	482947	20.00	ng	0.01
38) Acenaphthene-d10	9.70	164	158966	20.00	ng	0.03
63) Phenanthrene-d10	11.19	188	258033	20.00	ng	0.05
75) Chrysene-d12	13.77	240	302465	20.00	ng	0.00
86) Perylene-d12	15.13	264	290263	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1230649	124.86	ng	0.01
7) Phenol-d6	6.28	99	1352353	110.67	ng	0.00
23) Nitrobenzene-d5	7.20	82	884444	103.16	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	211869	127.77	ng	0.05
44) 2-Fluorobiphenyl	9.03	172	924576	107.42	ng	0.03
78) Terphenyl-d14	12.74	244	802073	60.09	ng	0.01

Target Compounds

						Qvalue
9) Benzaldehyde	6.14	77	18427	2.55	ng	# 53
15) Benzyl Alcohol	6.79	79	48086	5.70	ng	# 54
18) Hexachloroethane	7.11	117	15127	3.33	ng	# 1
19) n-Nitroso-di-n-propylamine	7.06	70	102719	13.41	ng	# 76
22) Acetophenone	7.04	105	75945	5.97	ng	# 41
24) Nitrobenzene	7.19	77	143253	15.60	ng	# 50
25) Isophorone	7.45	82	195623	11.73	ng	# 1
26) 2-Nitrophenol	7.58	139	37002	8.17	ng	# 1
27) 2,4-Dimethylphenol	7.58	122	62075	7.88	ng	# 9
28) bis(2-Chloroethoxy)methane	7.72	93	71245	7.20	ng	# 1
29) 2,4-Dichlorophenol	7.78	162	31020	4.60	ng	# 1
30) 1,2,4-Trichlorobenzene	7.85	180	29034	3.81	ng	# 54
31) Naphthalene	7.93	128	135102	5.58	ng	# 1
32) Benzoic acid	7.72	122	34327	6.81	ng	# 1
33) 4-Chloroaniline	7.99	127	44398	4.43	ng	# 1
35) Caprolactam	8.40	113	358073	172.40	ng	# 1
36) 4-Chloro-3-methylphenol	8.47	107	60868	7.92	ng	# 28
37) 2-Methylnaphthalene	8.66	142	136443	9.00	ng	# 75
42) 2,4,6-Trichlorophenol	8.95	196	12641	3.89	ng	# 12
43) 2,4,5-Trichlorophenol	8.95	196	12641	3.82	ng	# 1
47) 2-Nitroaniline	9.18	65	35237	10.64	ng	# 53
49) Dimethylphthalate	9.42	163	209028	17.26	ng	# 60
50) 2,6-Dinitrotoluene	9.48	165	63673	24.07	ng	# 70
51) Acenaphthene	9.74	154	59422	5.76	ng	# 57
52) 3-Nitroaniline	9.66	138	68692	23.11	ng	# 30
53) 2,4-Dinitrophenol	9.80	184	1167	6.69	ng	# 1
54) Dibenzofuran	9.91	168	47522	3.77	ng	# 1
55) 4-Nitrophenol	9.82	139	52161	23.88	ng	# 1
56) 2,4-Dinitrotoluene	9.92	165	27414	8.13	ng	# 62
57) Fluorene	10.25	166	164736	15.64	ng	# 63
58) 2,3,4,6-Tetrachlorophenol	10.07	232	19654	7.81	ng	# 29
59) Diethylphthalate	10.12	149	45959	3.89	ng	# 1
60) 4-Chlorophenyl-phenylether	10.26	204	7727	Below	Cal	# 1
61) 4-Nitroaniline	10.16	138	37869	13.08	ng	92

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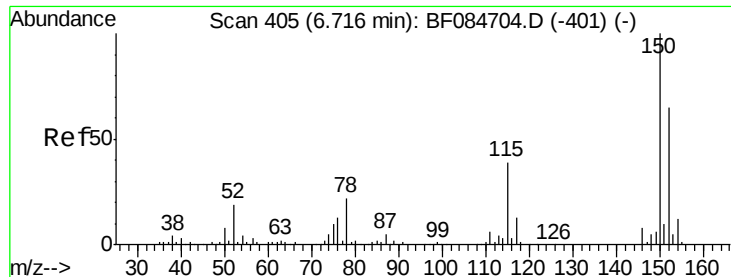
Quant Time: Feb 10 17:42:17 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

62) Azobenzene	10.41	77	98362	8.65	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.35	198	9607	6.03	ng	# 1
65) n-Nitrosodiphenylamine	10.38	169	496477	60.59	ng	# 48
66) 4-Bromophenyl-phenylether	10.74	248	6684	2.35	ng	# 1
68) Atrazine	10.91	200	53965	20.86	ng	# 1
69) Pentachlorophenol	11.04	266	6159	4.22	ng	# 1
70) Phenanthrene	11.21	178	342243	23.91	ng	# 72
71) Anthracene	11.30	178	349080	24.21	ng	# 1
72) Carbazole	11.39	167	29165	2.32	ng	# 1
73) Di-n-butylphthalate	11.73	149	42389	2.65	ng	# 1
74) Fluoranthene	12.61	202	177546	12.26	ng	# 86
76) Benzidine	12.48	184	6474	7.29	ng	# 1
77) Pyrene	12.61	202	177546	7.67	ng	# 90
83) Bis(2-ethylhexyl)phthalate	13.77	149	27025	2.07	ng	# 91

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

```
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Misc      :  
ALS Vial  : 13      Sample Multiplier: 1
```



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)RE

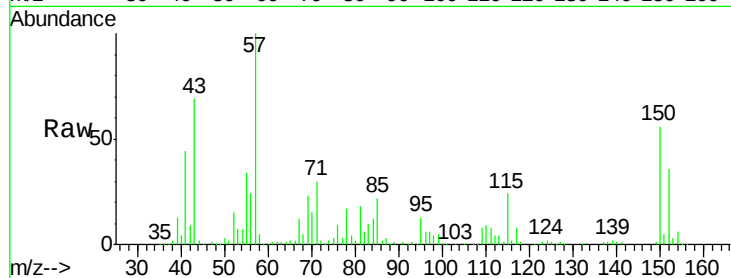
Tgt Ion:152 Resp: 153524

Ion Ratio Lower Upper

152 100

150 155.2 123.0 184.4

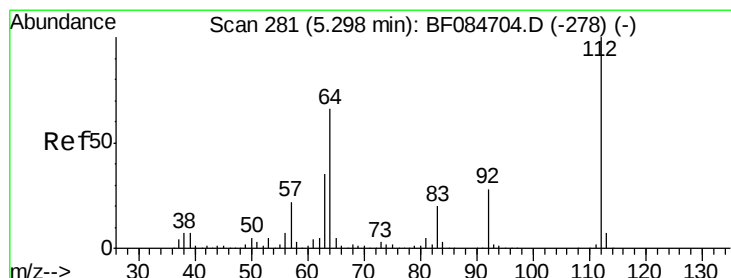
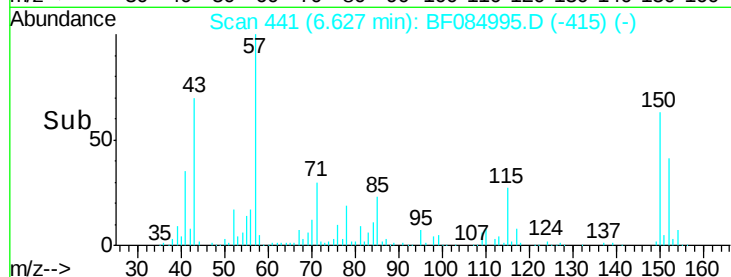
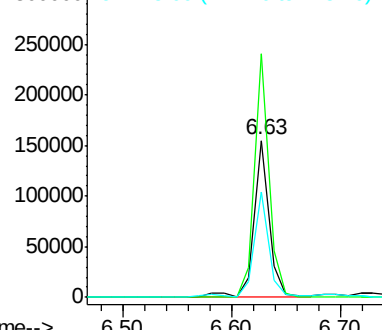
115 66.8 51.4 77.2



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



#5

2-Fluorophenol

Concen: 124.86 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

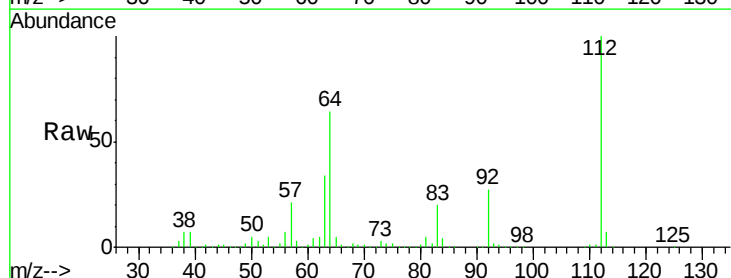
Tgt Ion:112 Resp: 1230649

Ion Ratio Lower Upper

112 100

64 64.5 36.6 55.0#

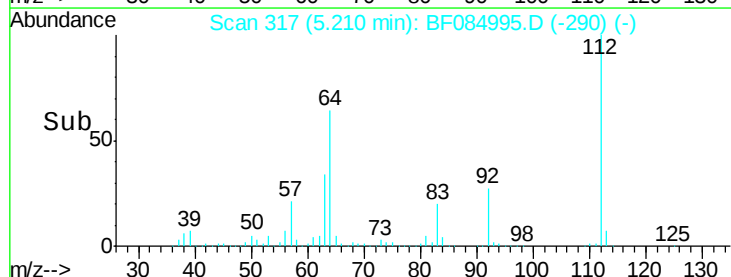
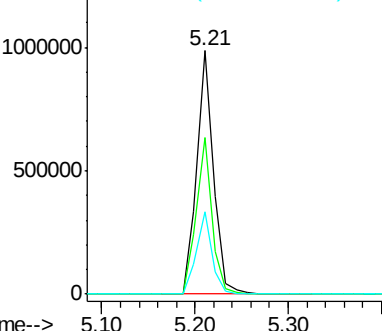
63 34.0 19.4 29.0#

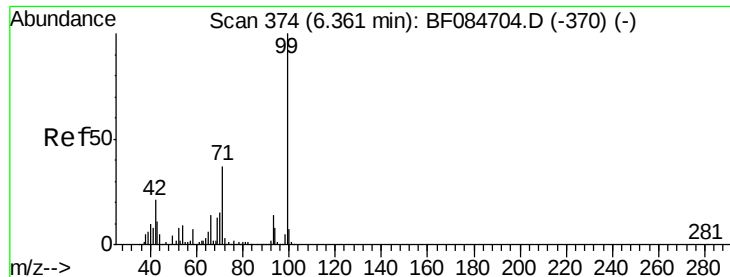


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.67 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)RE

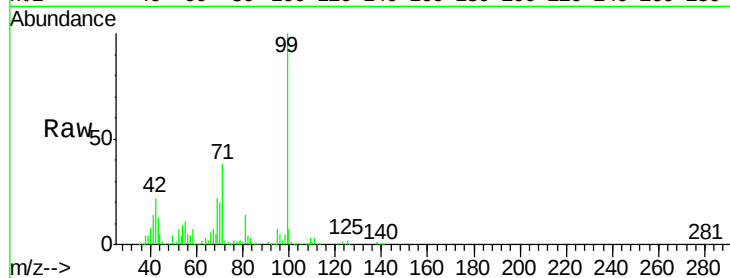
Tgt Ion: 99 Resp: 1352353

Ion Ratio Lower Upper

99 100

42 21.6 12.8 19.2#

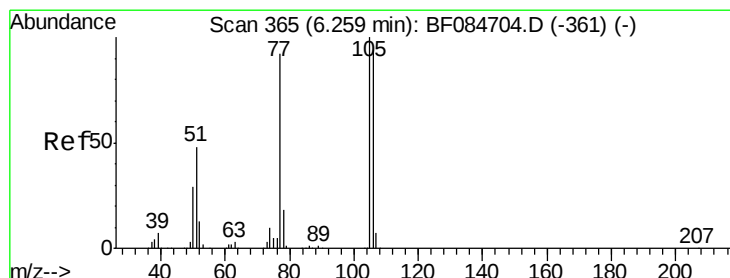
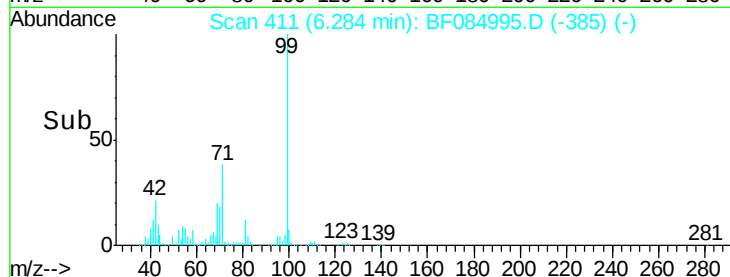
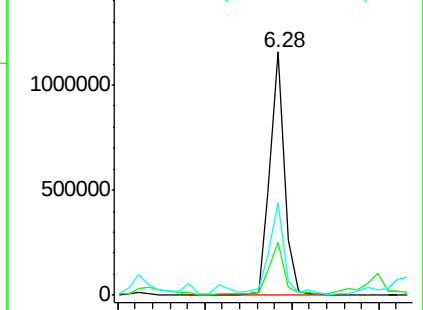
71 38.2 30.9 46.3



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: 2.55 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.03 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

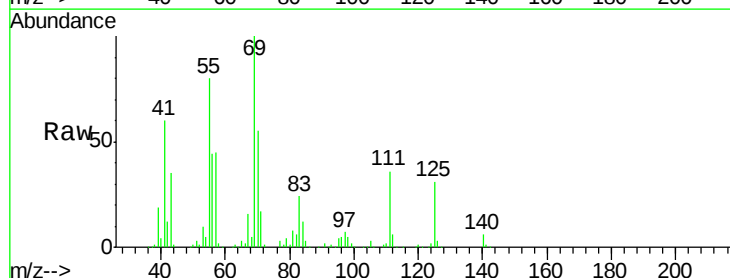
Tgt Ion: 77 Resp: 18427

Ion Ratio Lower Upper

77 100

105 112.9 83.0 123.0

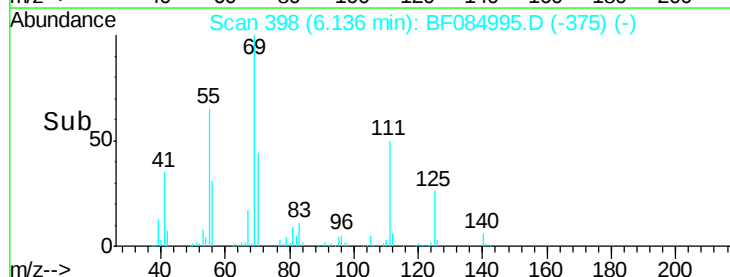
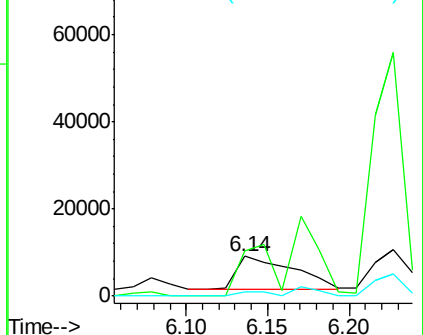
106 10.0 74.6 114.6#

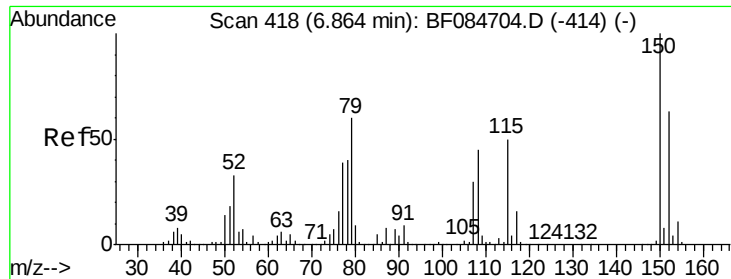


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 5.70 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)RE

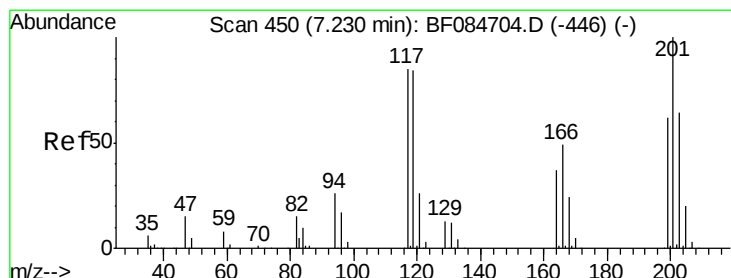
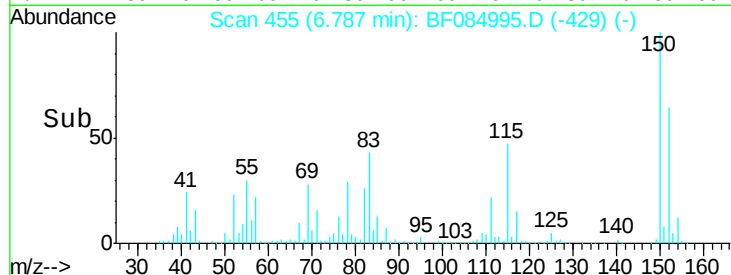
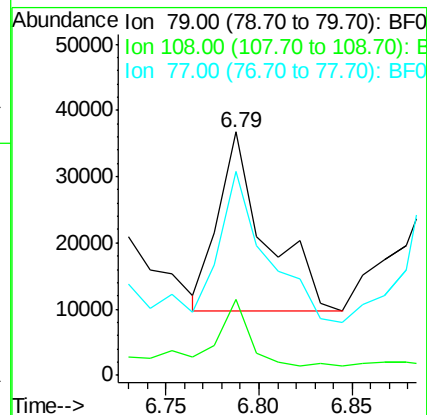
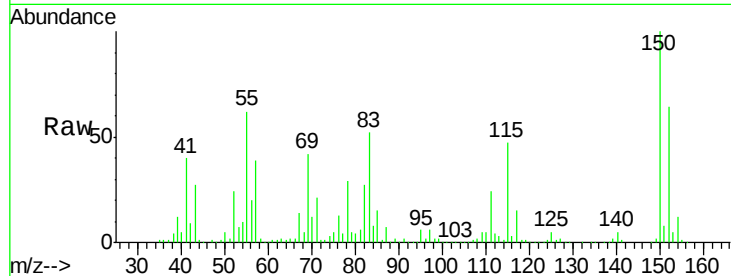
Tgt Ion: 79 Resp: 48086

Ion Ratio Lower Upper

79 100

108 31.3 69.0 103.4#

77 83.8 50.0 75.0#



#18

Hexachloroethane

Concen: 3.33 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

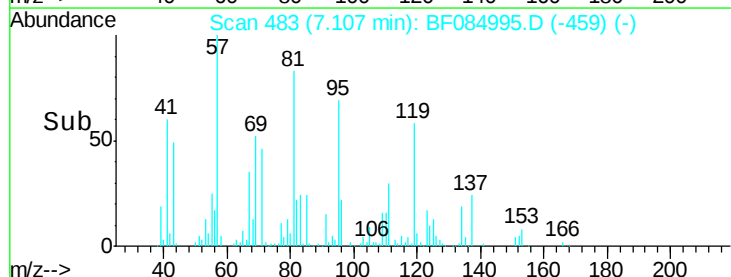
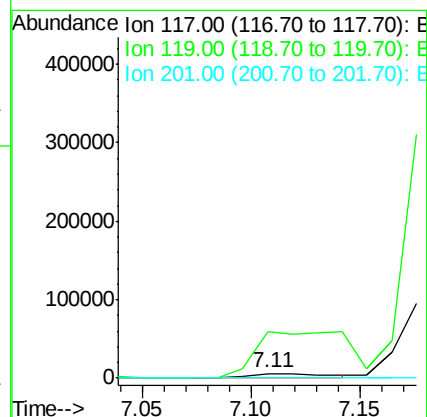
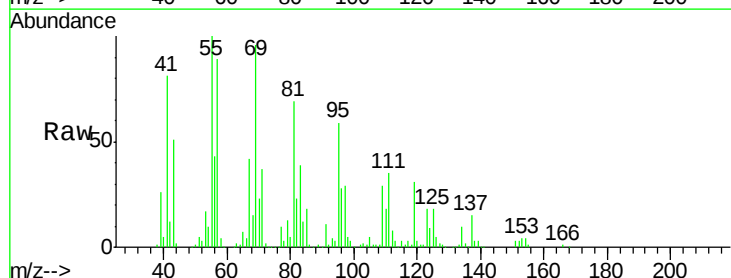
Tgt Ion: 117 Resp: 15127

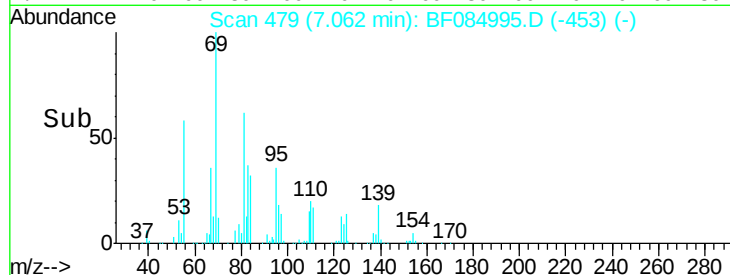
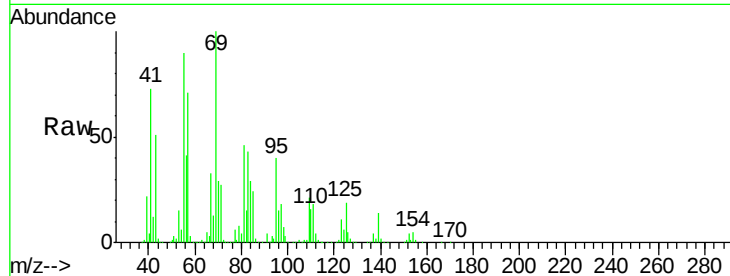
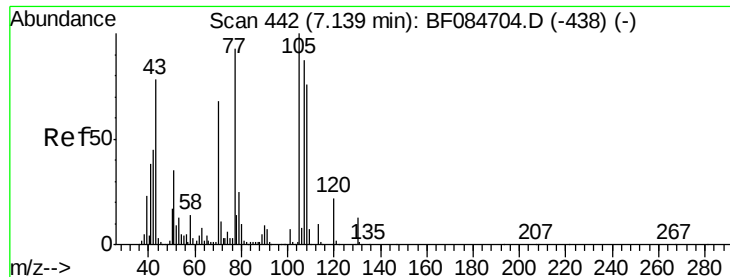
Ion Ratio Lower Upper

117 100

119 944.7 77.4 116.0#

201 0.0 68.6 103.0#

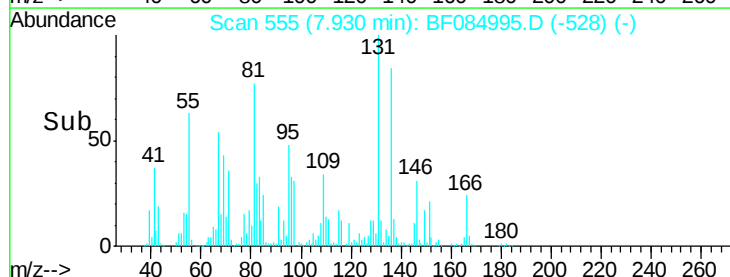
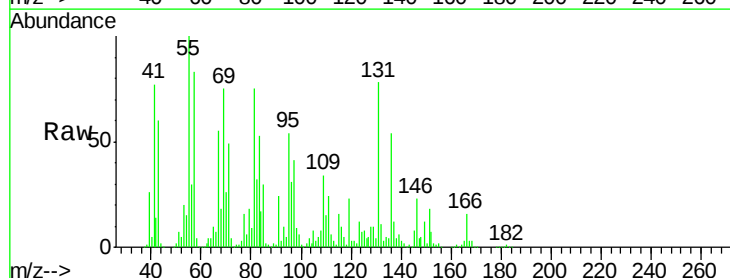
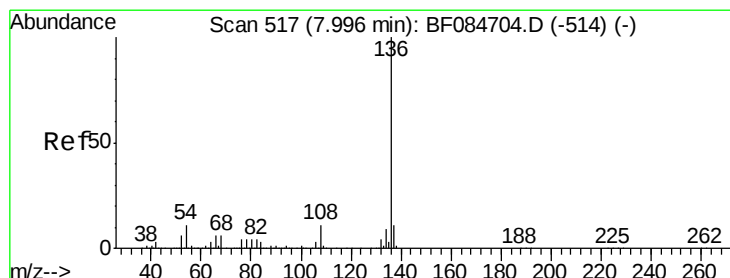
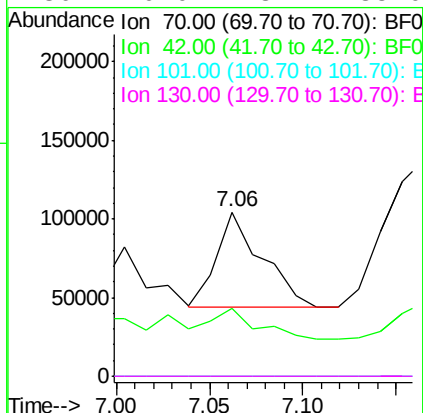




#19
n-Nitroso-di-n-propylamine
Concen: 13.41 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF084995.D
Acq: 10 Feb 2016 16:16

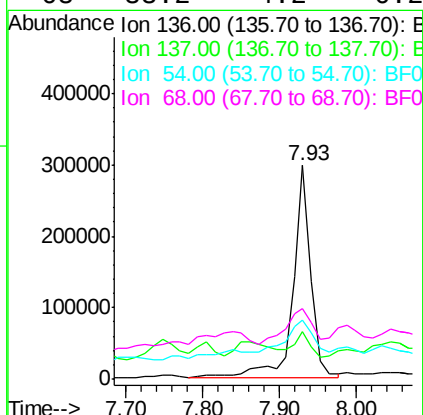
Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)RE

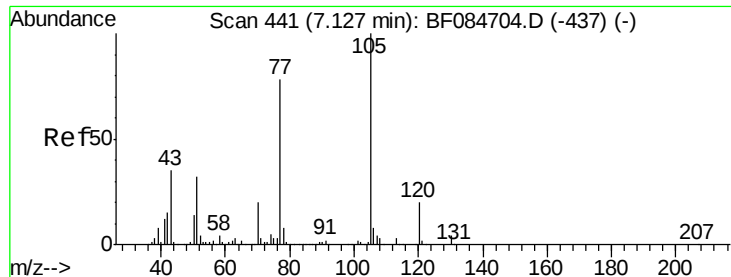
Tgt Ion:	70	Resp:	102719
Ion	Ratio	Lower	Upper
70	100		
42	41.2	33.3	49.9
101	0.0	9.3	13.9#
130	0.0	23.4	35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF084995.D
Acq: 10 Feb 2016 16:16

Tgt Ion:	136	Resp:	482947
Ion	Ratio	Lower	Upper
136	100		
137	22.0	8.7	13.1#
54	27.4	5.8	8.8#
68	33.2	4.2	6.2#





#22

Acetophenone

Concen: 5.97 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)RE

Tgt Ion:105 Resp: 75945

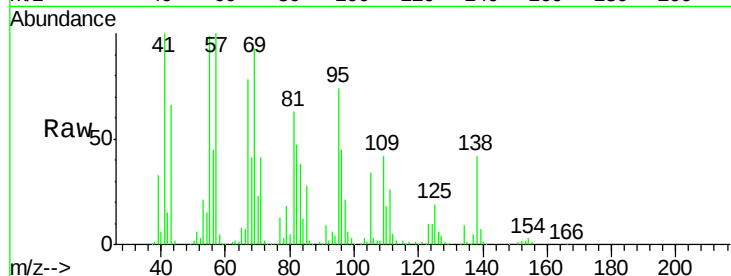
Ion Ratio Lower Upper

105 100

71 119.9 3.7 5.5#

51 16.9 25.1 37.7#

120 0.5 16.6 25.0#



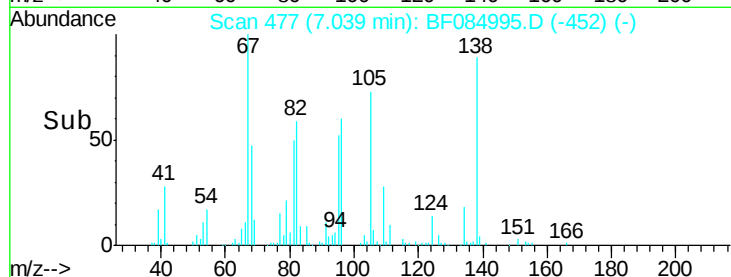
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

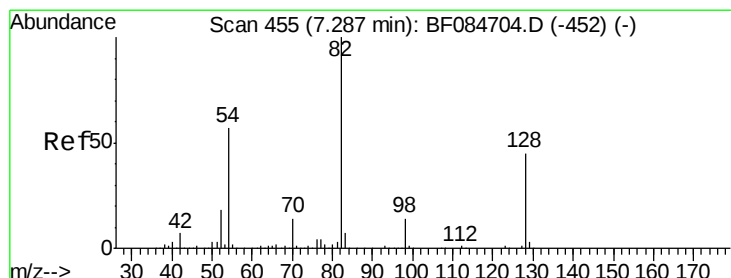
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->



Time-->



#23

Nitrobenzene-d5

Concen: 103.16 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

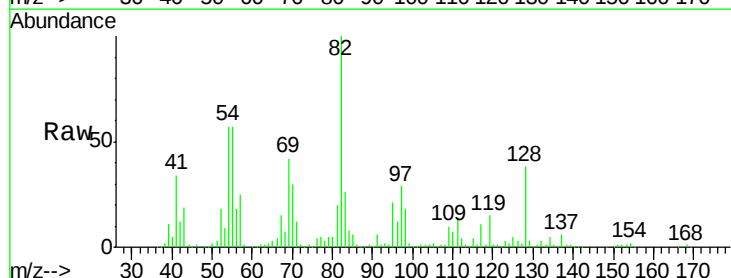
Tgt Ion: 82 Resp: 884444

Ion Ratio Lower Upper

82 100

128 38.1 34.6 51.8

54 57.2 38.4 57.6

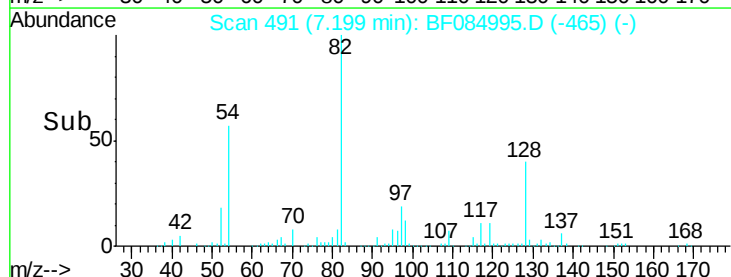


Abundance Ion 82.00 (81.70 to 82.70): BF0

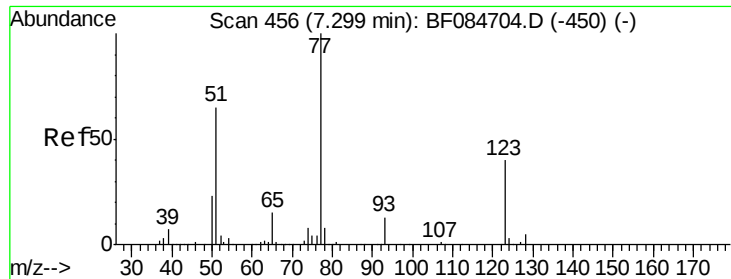
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->



Time-->



#24

Nitrobenzene

Concen: 15.60 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.03 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)RE

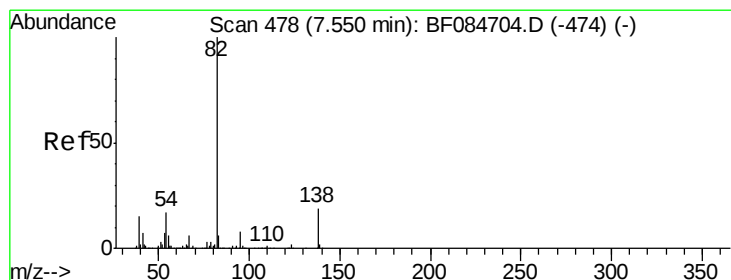
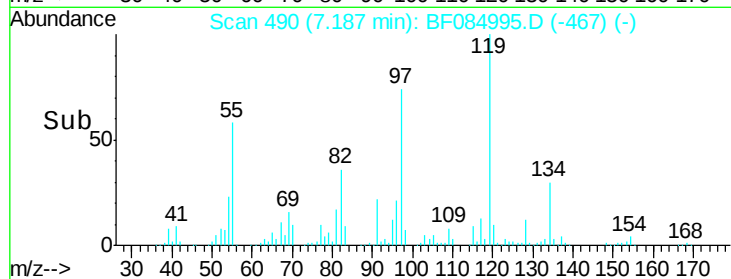
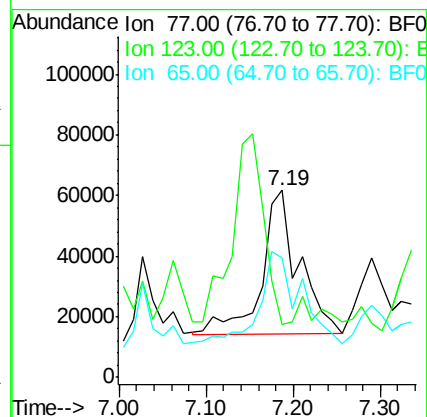
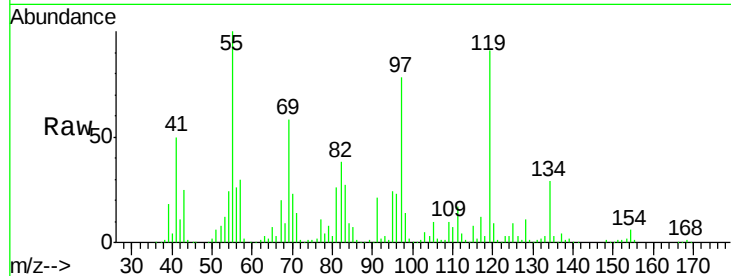
Tgt Ion: 77 Resp: 143253

Ion Ratio Lower Upper

77 100

123 28.4 37.4 56.2#

65 64.0 10.9 16.3#



#25

Isophorone

Concen: 11.73 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

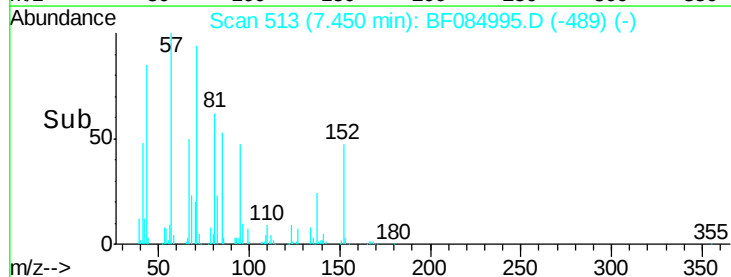
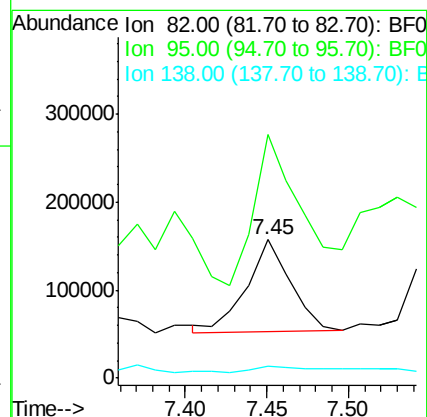
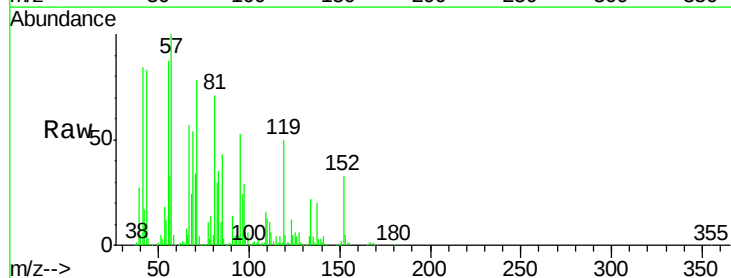
Tgt Ion: 82 Resp: 195623

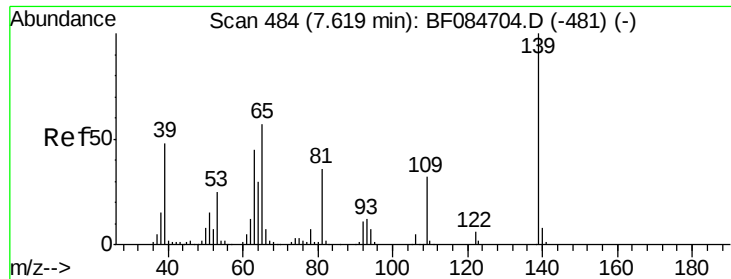
Ion Ratio Lower Upper

82 100

95 176.3 6.6 10.0#

138 8.8 13.6 20.4#





#26

2-Nitrophenol

Concen: 8.17 ng

RT: 7.58 min Scan# 524

Delta R.T. 0.03 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)RE

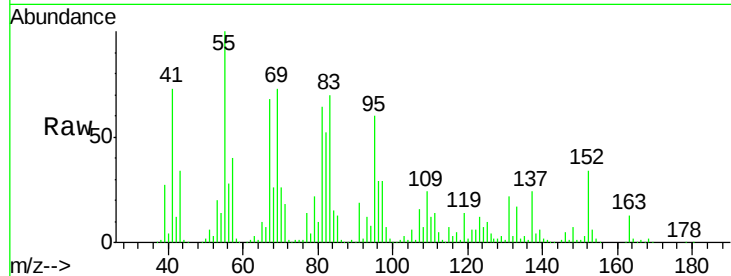
Tgt Ion:139 Resp: 37002

Ion Ratio Lower Upper

139 100

109 427.1 25.4 38.2#

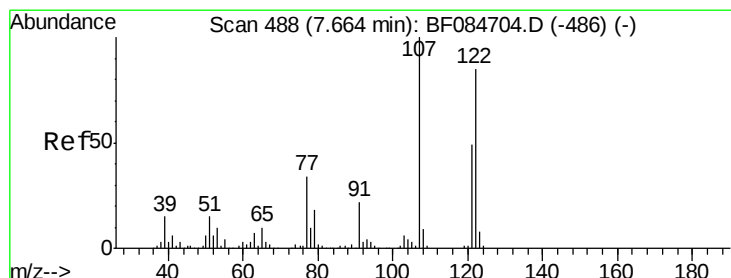
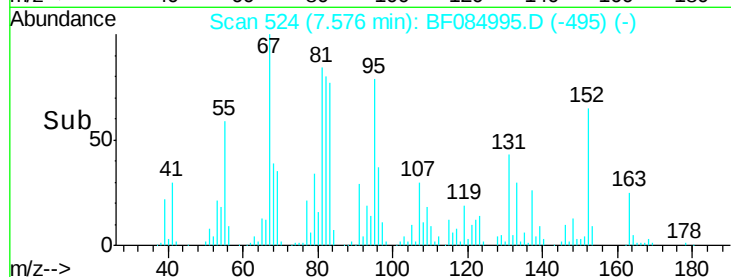
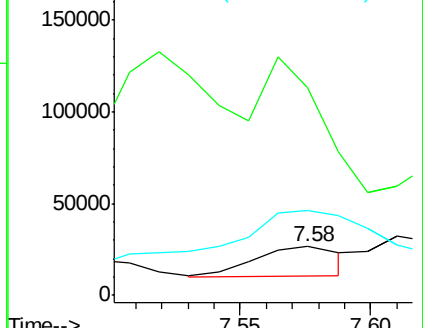
65 173.9 32.3 48.5#



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): E



#27

2,4-Dimethylphenol

Concen: 7.88 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

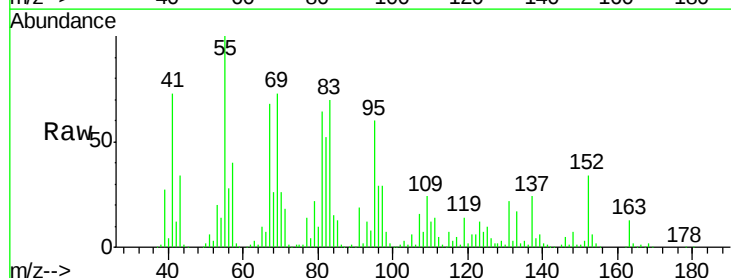
Tgt Ion:122 Resp: 62075

Ion Ratio Lower Upper

122 100

107 256.4 99.1 148.7#

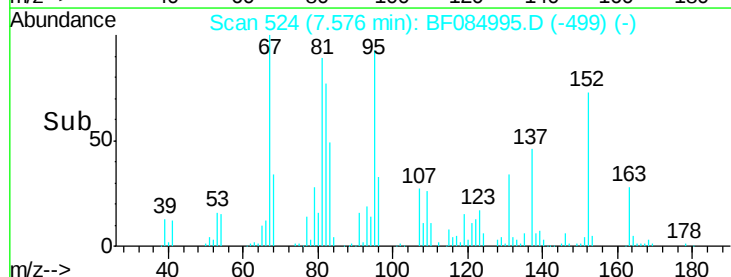
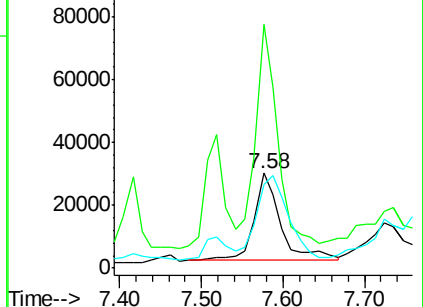
121 88.4 47.9 71.9#

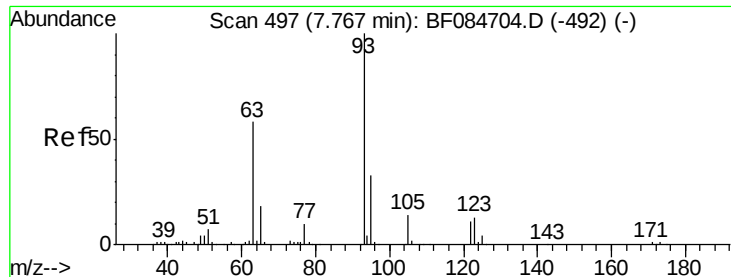


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

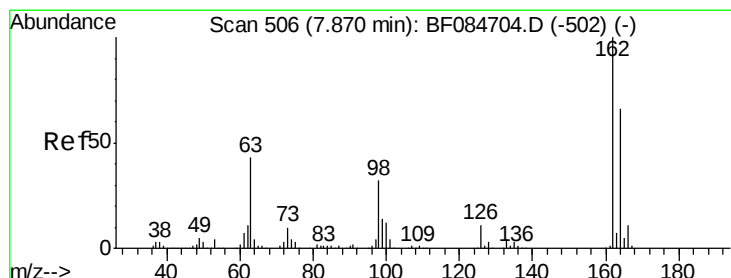
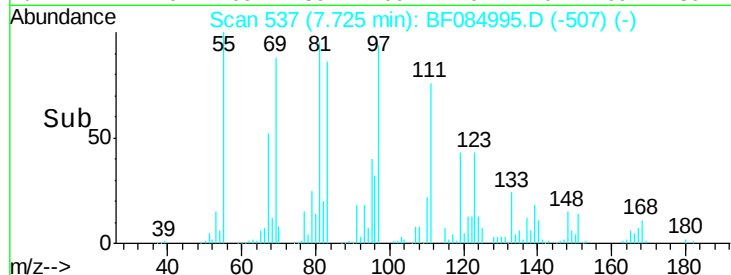
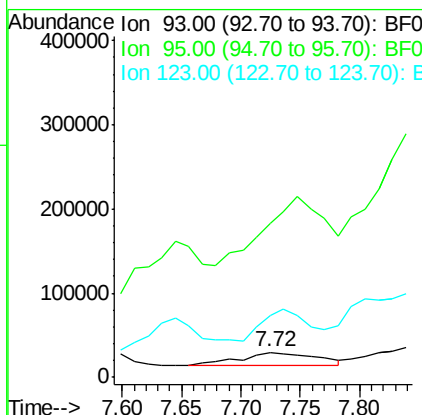
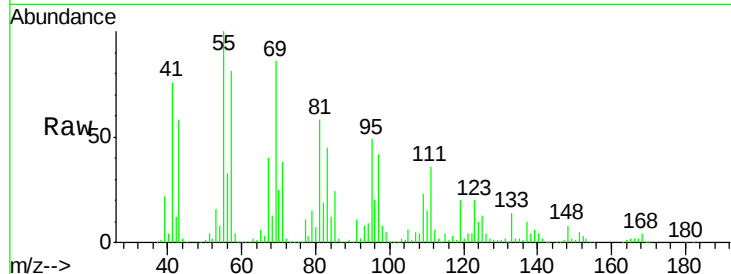




#28
bis(2-Chloroethoxy)methane
Concen: 7.20 ng
RT: 7.72 min Scan# 537
Delta R.T. 0.05 min
Lab File: BF084995.D
Acq: 10 Feb 2016 16:16

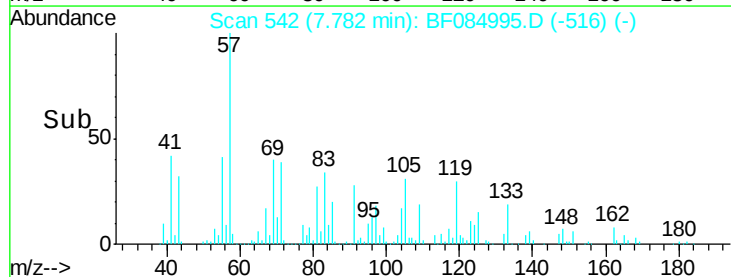
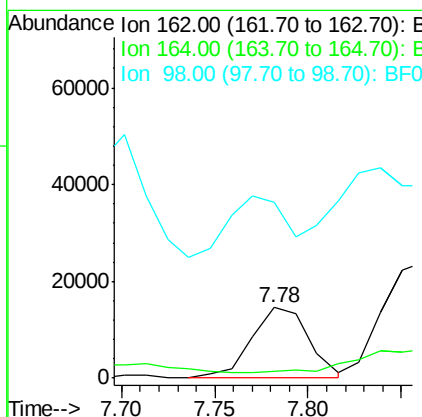
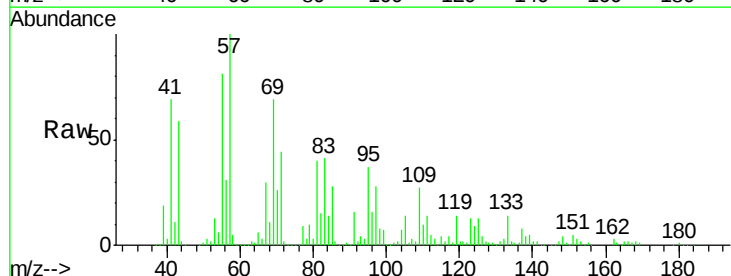
Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)RE

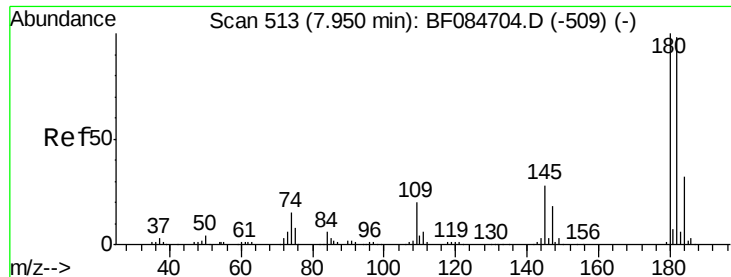
Tgt Ion: 93 Resp: 71245
Ion Ratio Lower Upper
93 100
95 606.4 25.8 38.6#
123 245.5 8.6 12.8#



#29
2,4-Dichlorophenol
Concen: 4.60 ng
RT: 7.78 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF084995.D
Acq: 10 Feb 2016 16:16

Tgt Ion: 162 Resp: 31020
Ion Ratio Lower Upper
162 100
164 10.4 44.1 84.1#
98 249.5 20.2 60.2#

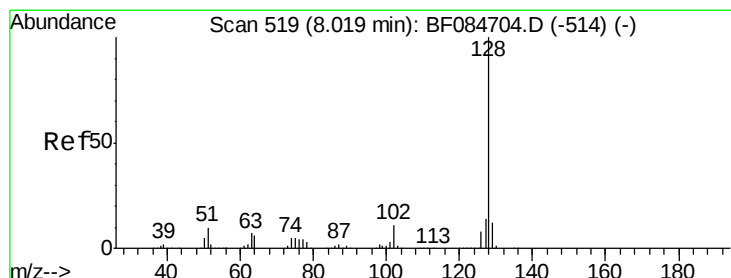
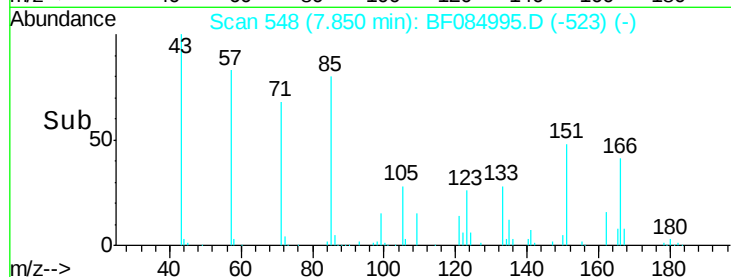
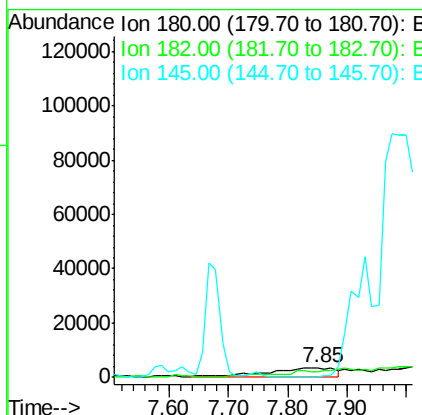
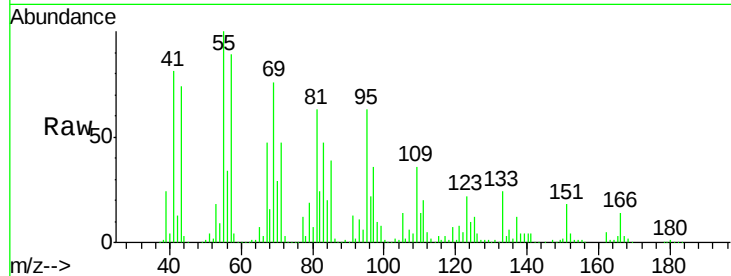




#30
 1,2,4-Trichlorobenzene
 Concen: 3.81 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF084995.D
 Acq: 10 Feb 2016 16:16

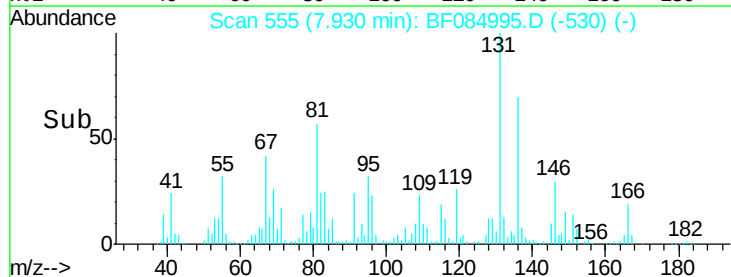
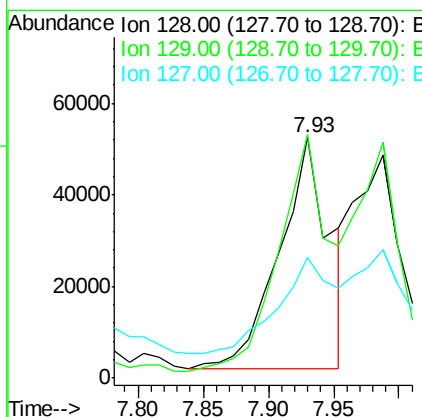
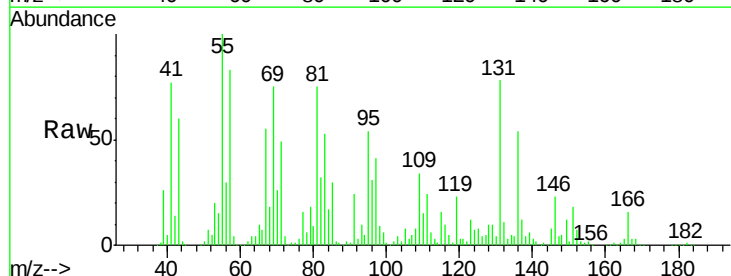
Instrument :
 BNA_F
 ClientSampleId :
 SP-001(0-2)RE

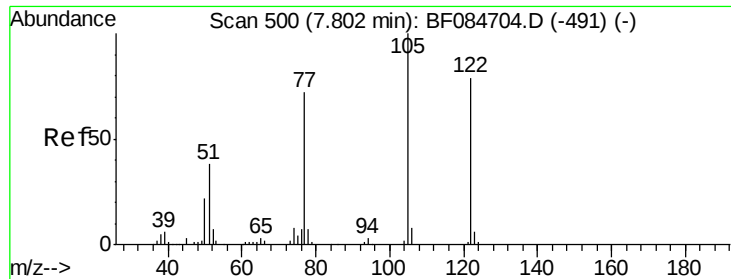
Tgt Ion:180 Resp: 29034
 Ion Ratio Lower Upper
 180 100
 182 51.3 76.4 114.6#
 145 9.7 31.6 47.4#



#31
 Naphthalene
 Concen: 5.58 ng
 RT: 7.93 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: BF084995.D
 Acq: 10 Feb 2016 16:16

Tgt Ion:128 Resp: 135102
 Ion Ratio Lower Upper
 128 100
 129 101.0 9.1 13.7#
 127 50.3 11.1 16.7#





#32

Benzoic acid

Concen: 6.81 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.02 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)RE

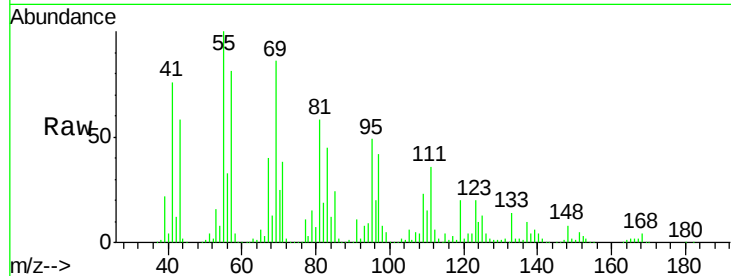
Tgt Ion:122 Resp: 34327

Ion Ratio Lower Upper

122 100

105 147.3 100.3 140.3#

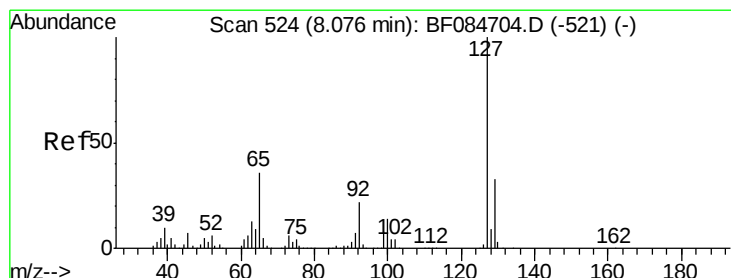
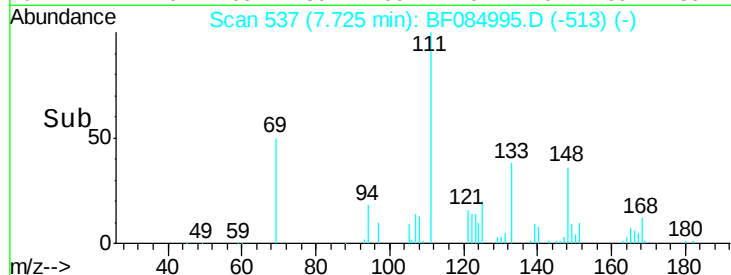
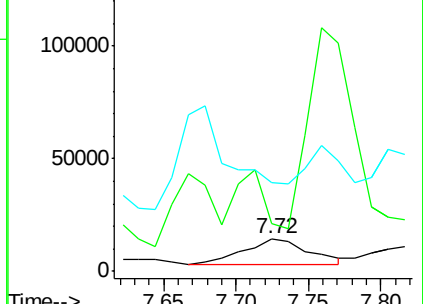
77 274.2 63.5 103.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 4.43 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

Tgt Ion:127 Resp: 44398

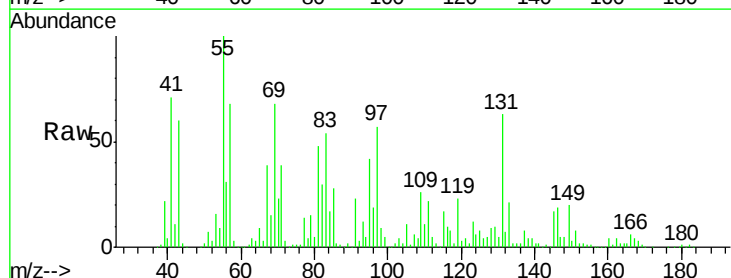
Ion Ratio Lower Upper

127 100

129 184.5 26.5 39.7#

65 165.5 27.2 40.8#

92 46.6 17.7 26.5#

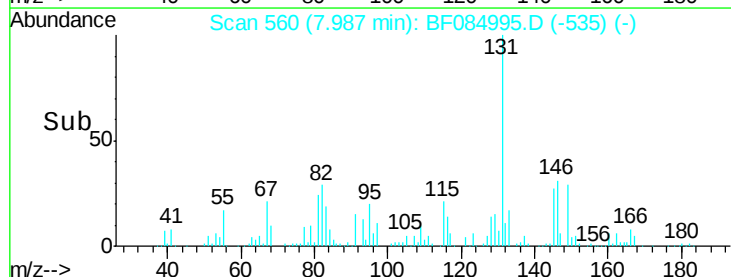
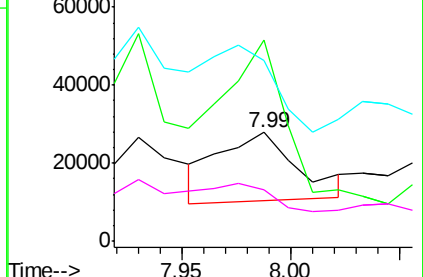


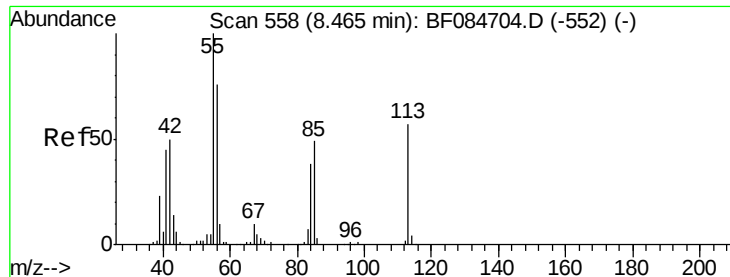
Abundance Ion 127.00 (126.70 to 127.70): E

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





#35

Caprolactam

Concen: 172.40 ng

RT: 8.40 min Scan# 596

Delta R.T. 0.01 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)RE

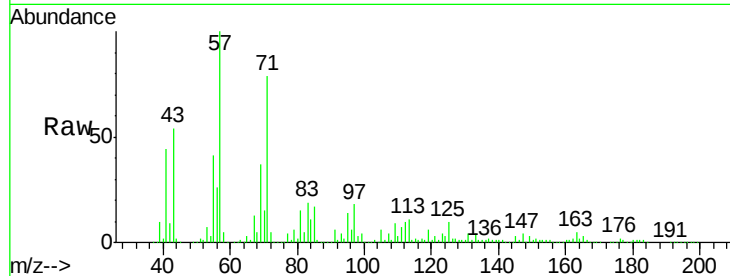
Tgt Ion:113 Resp: 358073

Ion Ratio Lower Upper

113 100

55 380.9 116.9 156.9#

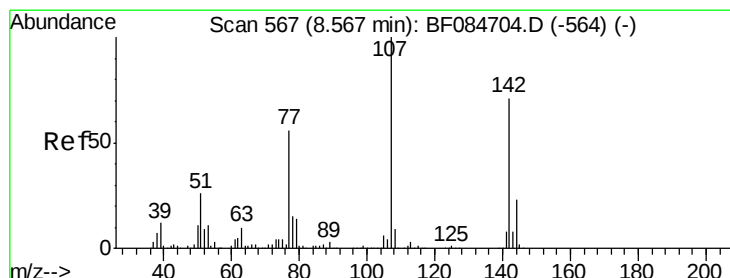
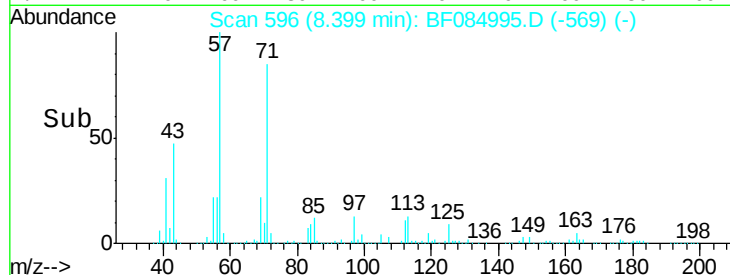
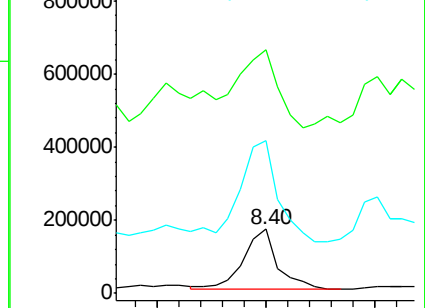
56 238.4 93.8 133.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 7.92 ng

RT: 8.47 min Scan# 602

Delta R.T. -0.02 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

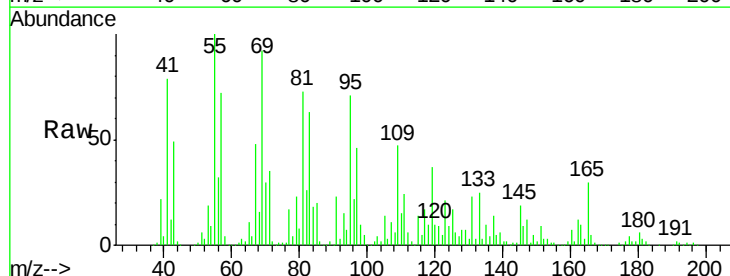
Tgt Ion:107 Resp: 60868

Ion Ratio Lower Upper

107 100

144 8.3 19.7 29.5#

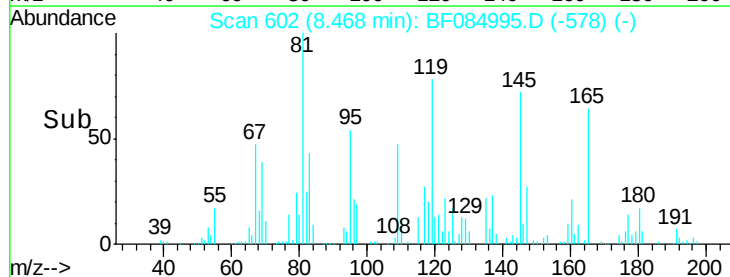
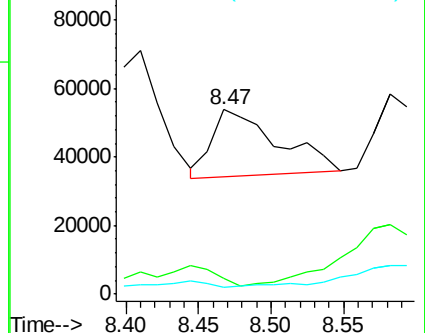
142 3.8 61.8 92.6#

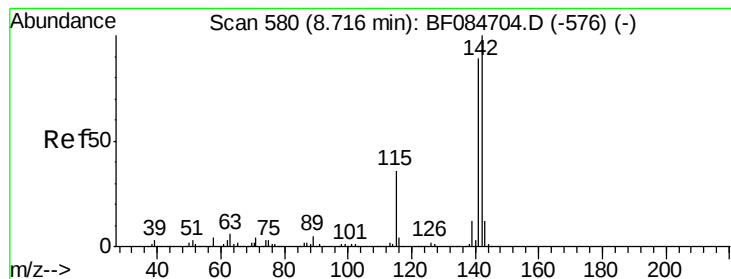


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

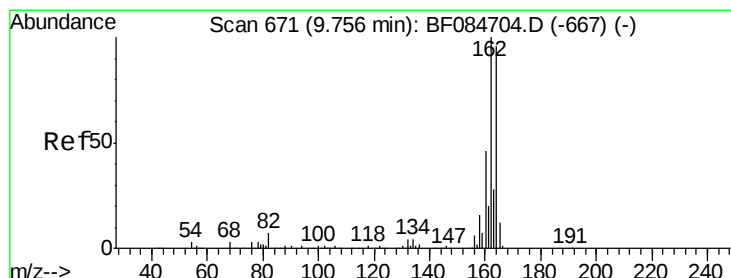
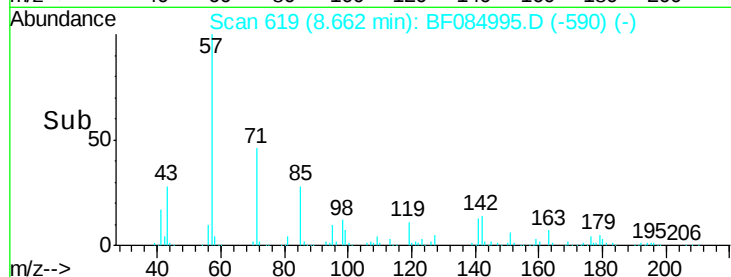
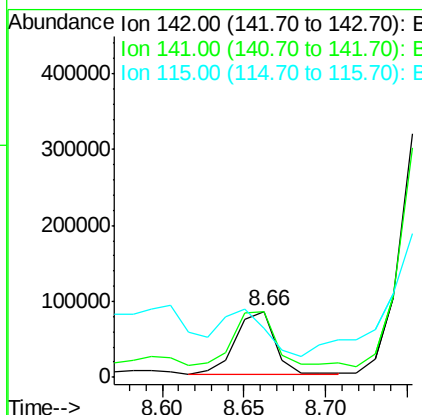
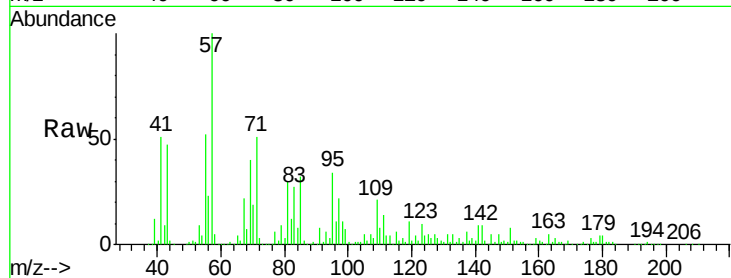




#37
 2-Methylnaphthalene
 Concen: 9.00 ng
 RT: 8.66 min Scan# 619
 Delta R.T. 0.03 min
 Lab File: BF084995.D
 Acq: 10 Feb 2016 16:16

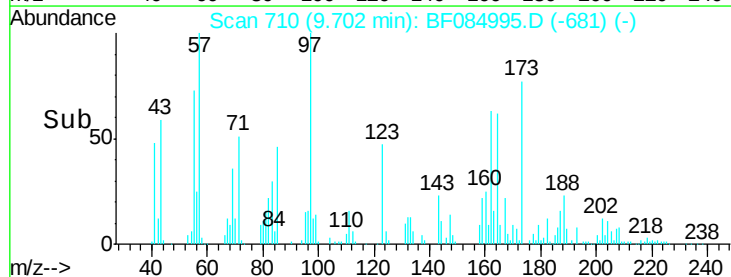
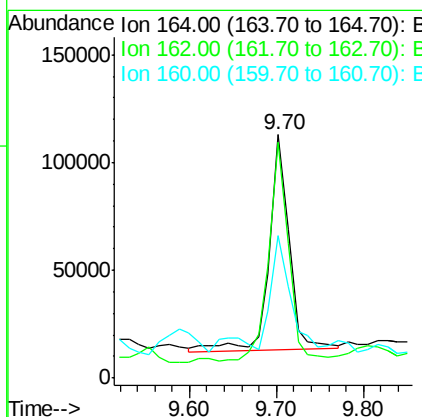
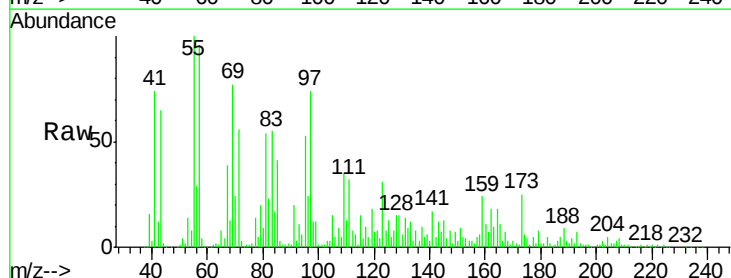
Instrument :
 BNA_F
 ClientSampleId :
 SP-001(0-2)RE

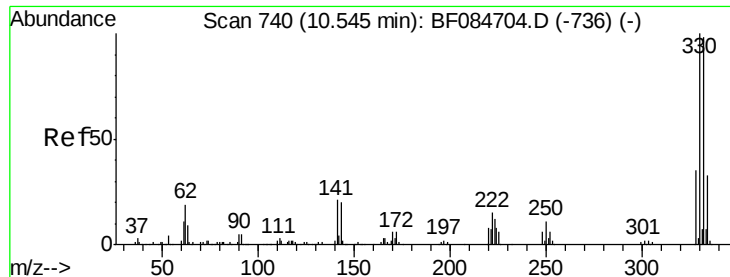
Tgt Ion:142 Resp: 136443
 Ion Ratio Lower Upper
 142 100
 141 99.4 72.4 108.6
 115 73.8 27.9 41.9#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. 0.03 min
 Lab File: BF084995.D
 Acq: 10 Feb 2016 16:16

Tgt Ion:164 Resp: 158966
 Ion Ratio Lower Upper
 164 100
 162 96.9 85.1 127.7
 160 58.4 37.5 56.3#

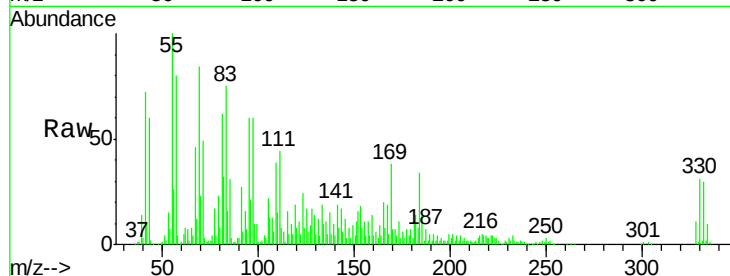




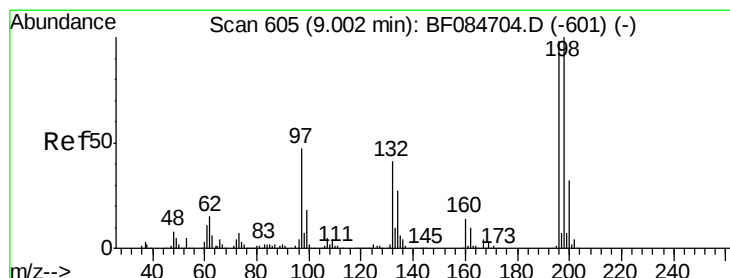
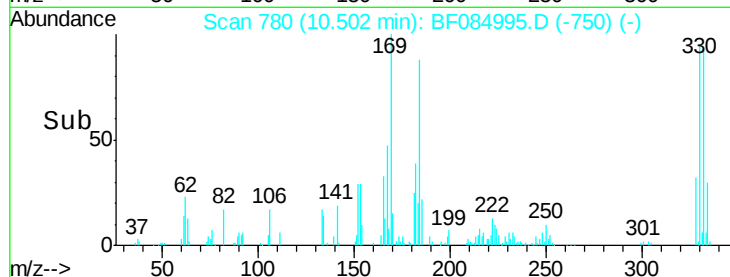
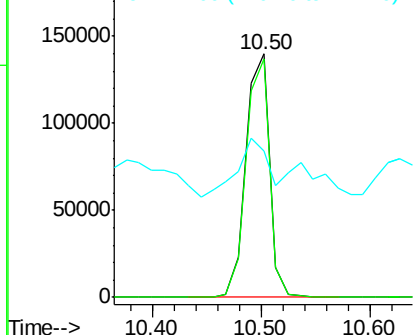
#41
 2,4,6-Tribromophenol
 Concen: 127.77 ng
 RT: 10.50 min Scan# 780
 Delta R.T. 0.05 min
 Lab File: BF084995.D
 Acq: 10 Feb 2016 16:16

Instrument :
 BNA_F
 ClientSampleId :
 SP-001(0-2)RE

Tgt Ion:330 Resp: 211869
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 30.5 27.8 41.6

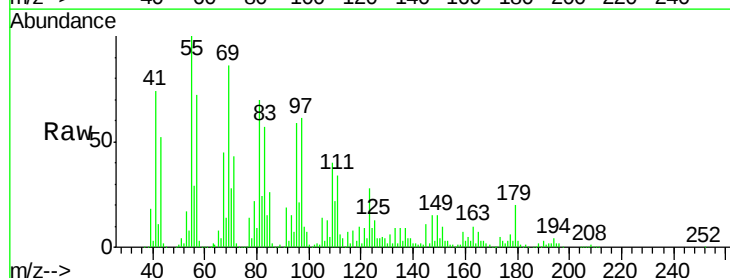


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

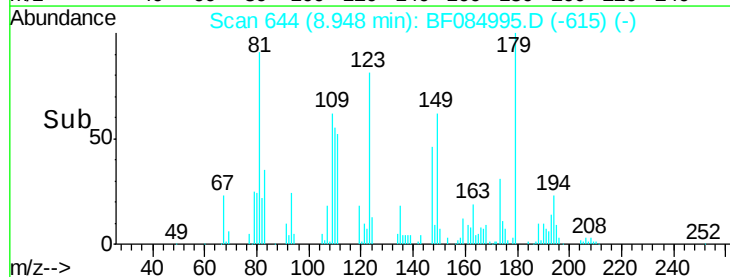
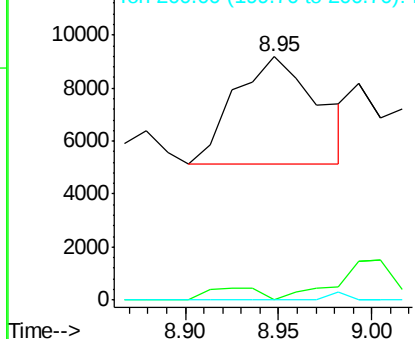


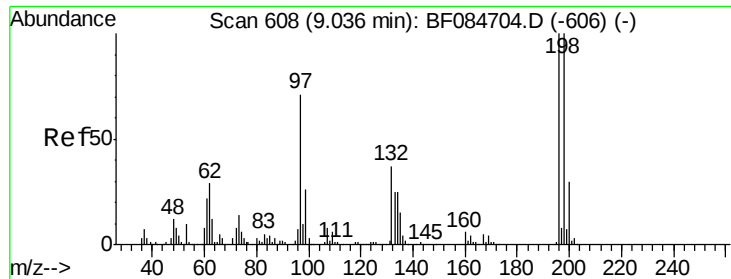
#42
 2,4,6-Trichlorophenol
 Concen: 3.89 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.03 min
 Lab File: BF084995.D
 Acq: 10 Feb 2016 16:16

Tgt Ion:196 Resp: 12641
 Ion Ratio Lower Upper
 196 100
 198 0.0 77.7 116.5#
 200 0.0 24.6 37.0#



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

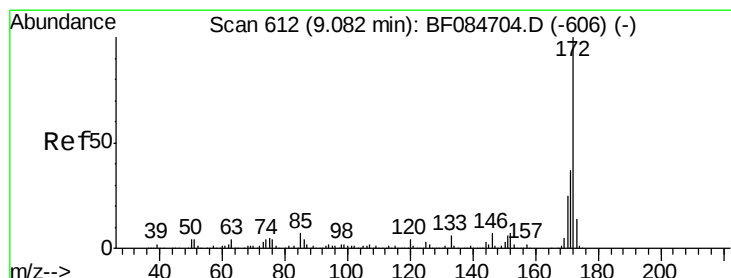
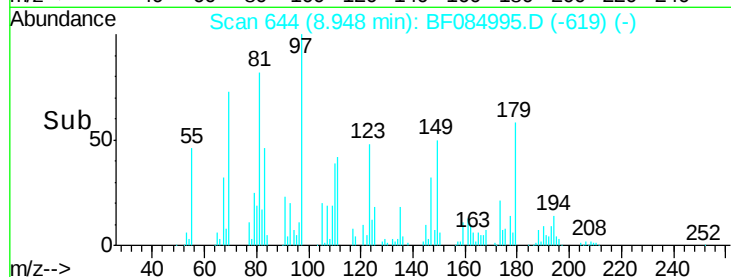
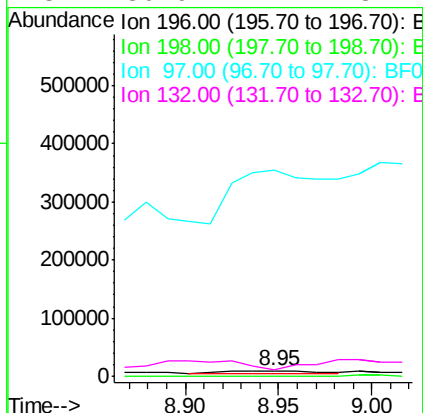
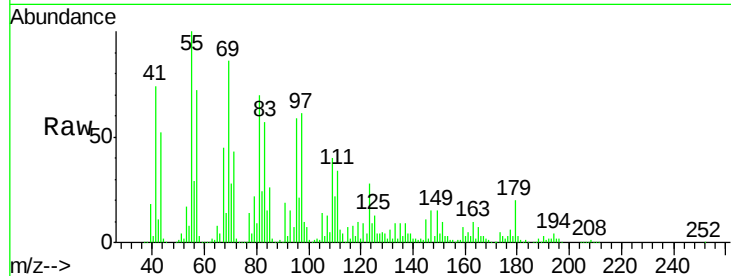




#43
 2,4,5-Trichlorophenol
 Concen: 3.82 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF084995.D
 Acq: 10 Feb 2016 16:16

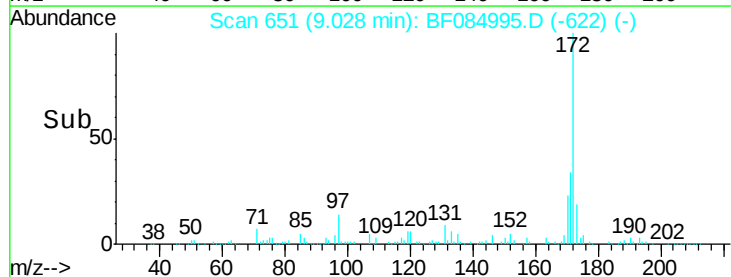
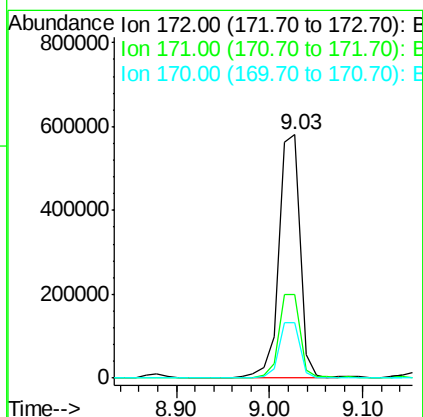
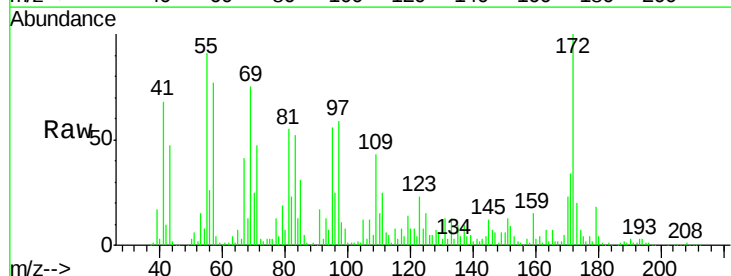
Instrument :
 BNA_F
 ClientSampleId :
 SP-001(0-2)RE

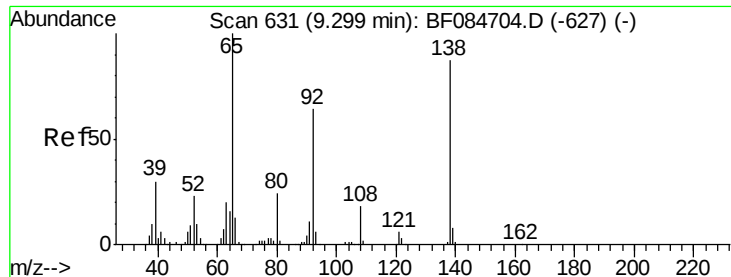
Tgt Ion:196 Resp: 12641
 Ion Ratio Lower Upper
 196 100
 198 0.0 79.0 118.6#
 97 3862.6 33.0 49.6#
 132 130.9 21.1 31.7#



#44
 2-Fluorobiphenyl
 Concen: 107.42 ng
 RT: 9.03 min Scan# 651
 Delta R.T. 0.03 min
 Lab File: BF084995.D
 Acq: 10 Feb 2016 16:16

Tgt Ion:172 Resp: 924576
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.9 43.3
 170 23.0 18.6 27.8

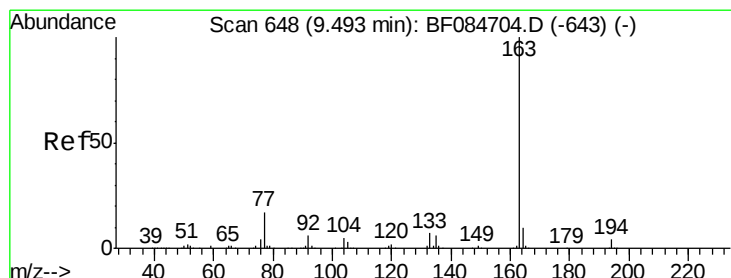
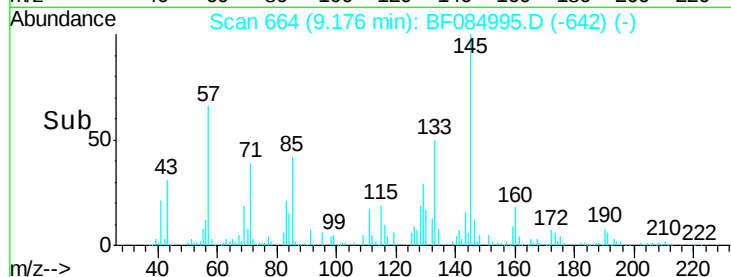
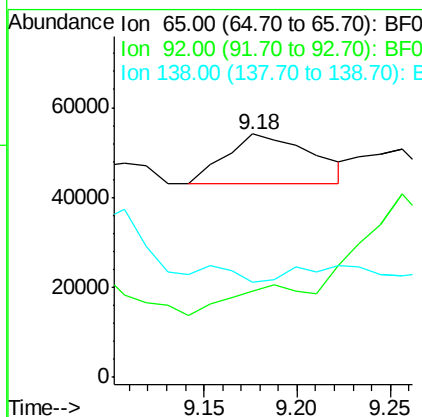
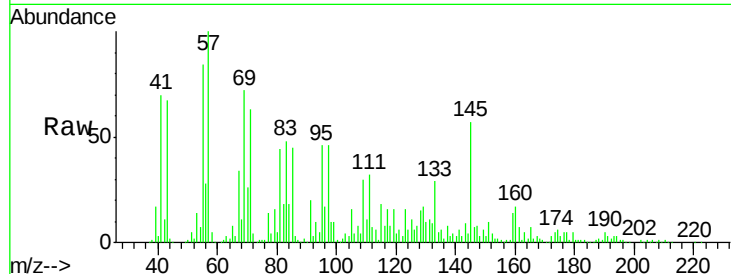




#47
2-Nitroaniline
Concen: 10.64 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.05 min
Lab File: BF084995.D
Acq: 10 Feb 2016 16:16

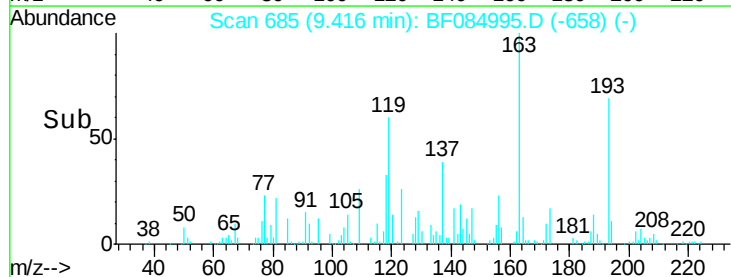
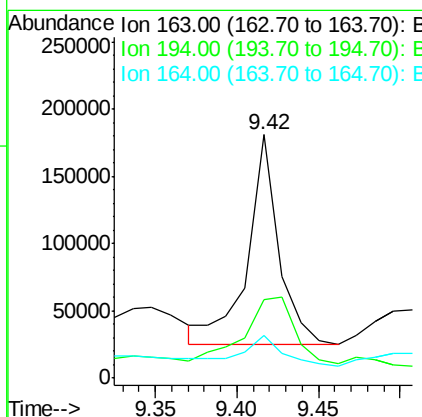
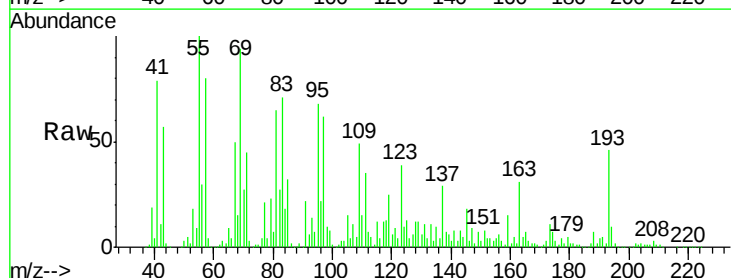
Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)RE

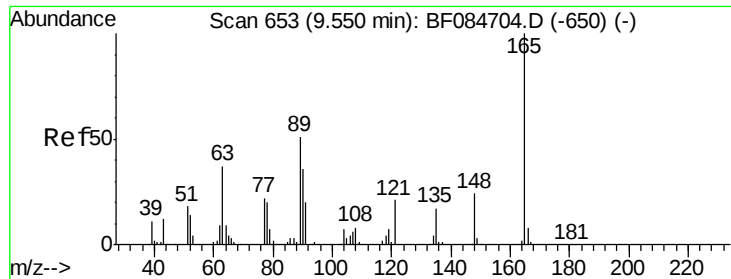
Tgt Ion: 65 Resp: 35237
Ion Ratio Lower Upper
65 100
92 35.2 53.4 80.2#
138 39.3 71.1 106.7#



#49
Dimethylphthalate
Concen: 17.26 ng
RT: 9.42 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF084995.D
Acq: 10 Feb 2016 16:16

Tgt Ion: 163 Resp: 209028
Ion Ratio Lower Upper
163 100
194 32.1 8.0 12.0#
164 17.5 8.0 12.0#

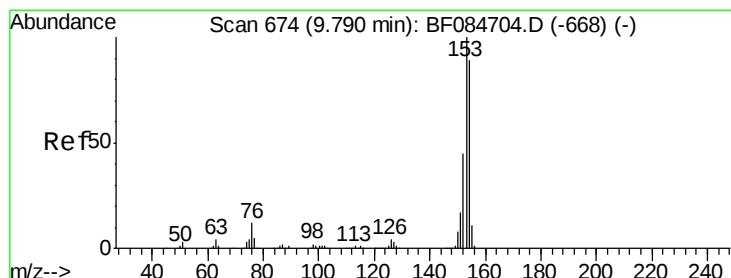
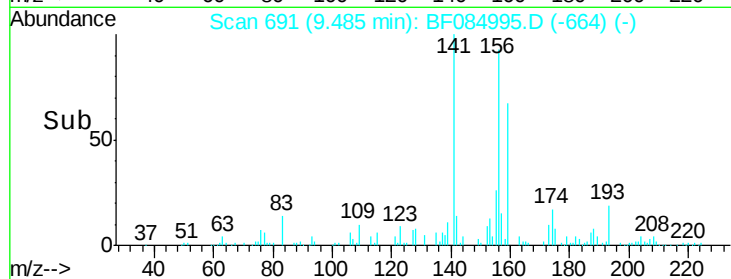
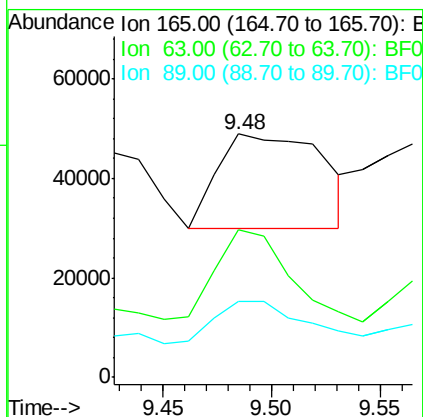
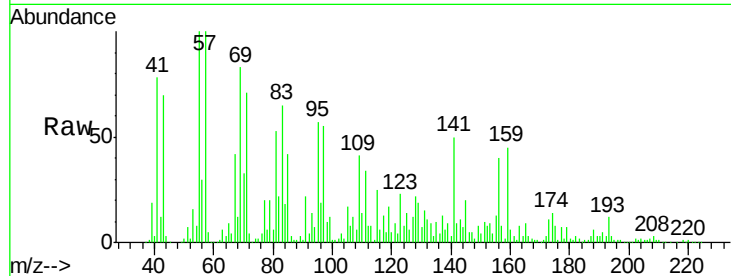




#50
 2,6-Dinitrotoluene
 Concen: 24.07 ng
 RT: 9.48 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: BF084995.D
 Acq: 10 Feb 2016 16:16

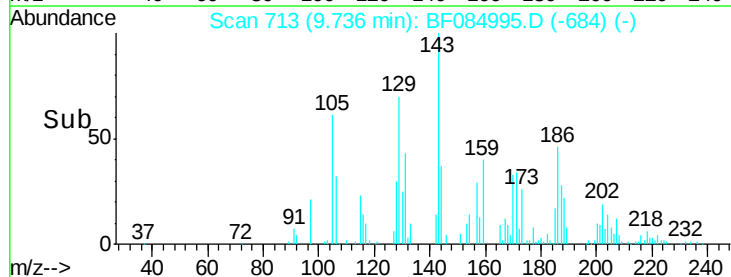
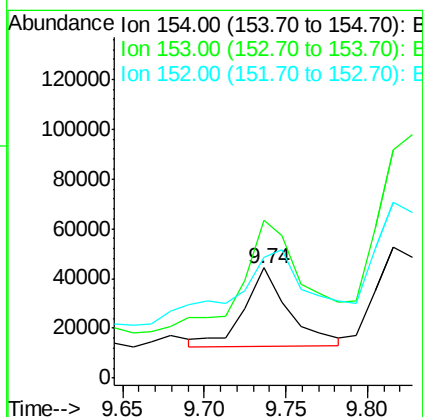
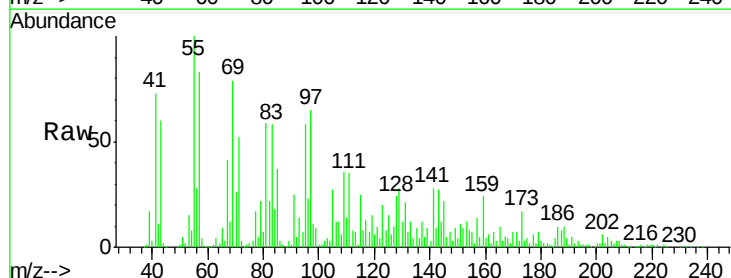
Instrument :
 BNA_F
 ClientSampleId :
 SP-001(0-2)RE

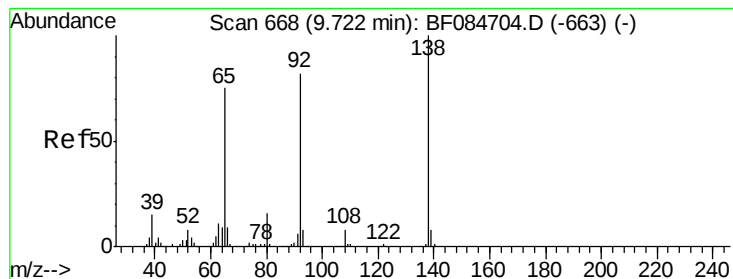
Tgt Ion:165 Resp: 63673
 Ion Ratio Lower Upper
 165 100
 63 60.6 28.8 43.2#
 89 31.3 35.1 52.7#



#51
 Acenaphthene
 Concen: 5.76 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.03 min
 Lab File: BF084995.D
 Acq: 10 Feb 2016 16:16

Tgt Ion:154 Resp: 59422
 Ion Ratio Lower Upper
 154 100
 153 142.8 91.5 137.3#
 152 110.1 43.0 64.6#





#52

3-Nitroaniline

Concen: 23.11 ng

RT: 9.66 min Scan# 706

Delta R.T. 0.02 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)RE

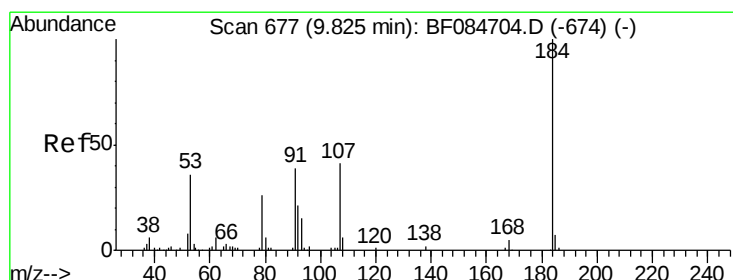
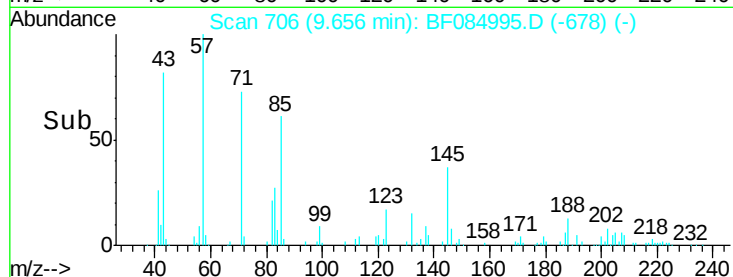
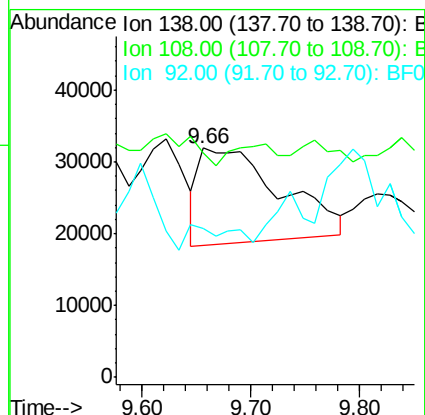
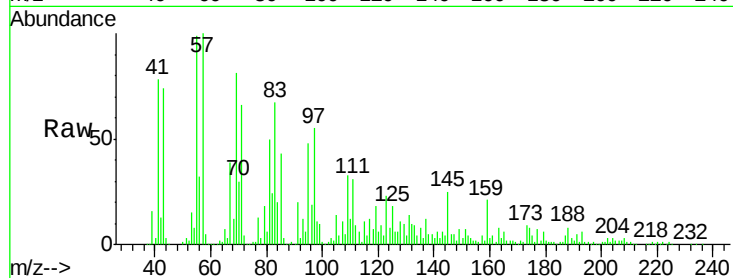
Tgt Ion:138 Resp: 68692

Ion Ratio Lower Upper

138 100

108 97.6 10.5 15.7#

92 64.8 103.9 155.9#



#53

2,4-Dinitrophenol

Concen: 6.69 ng

RT: 9.80 min Scan# 719

Delta R.T. 0.06 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

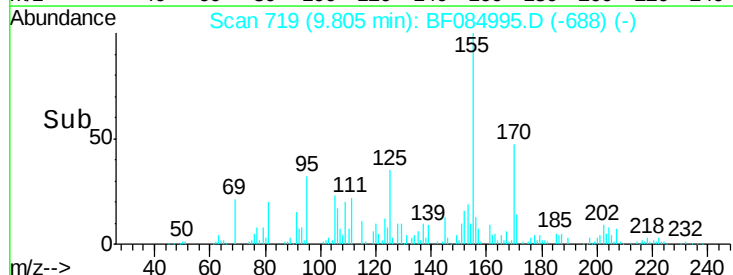
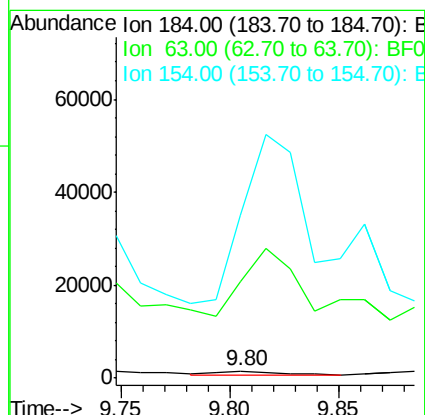
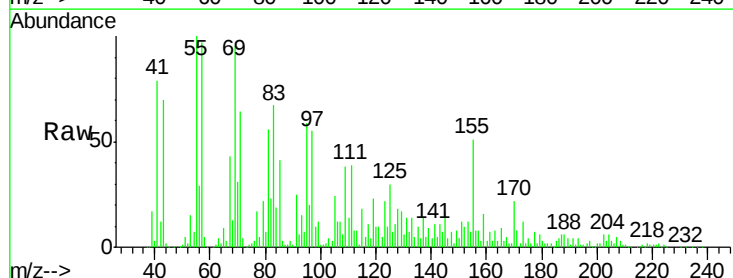
Tgt Ion:184 Resp: 1167

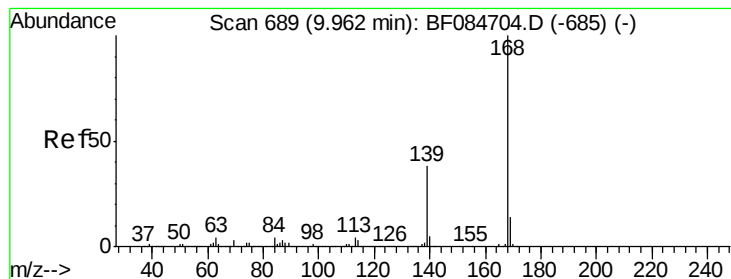
Ion Ratio Lower Upper

184 100

63 1379.8 43.1 64.7#

154 2350.3 60.5 90.7#





#54

Dibenzofuran

Concen: 3.77 ng

RT: 9.91 min Scan# 728

Delta R.T. 0.03 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)RE

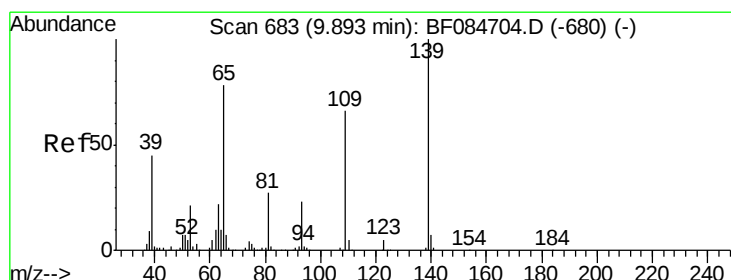
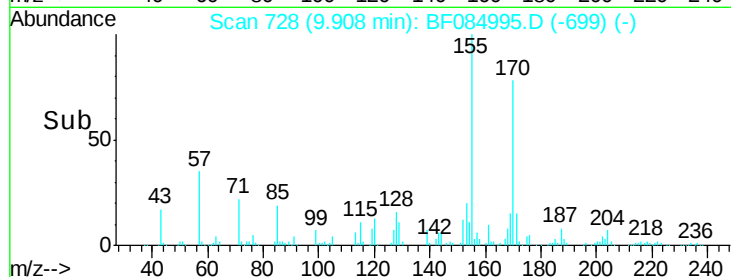
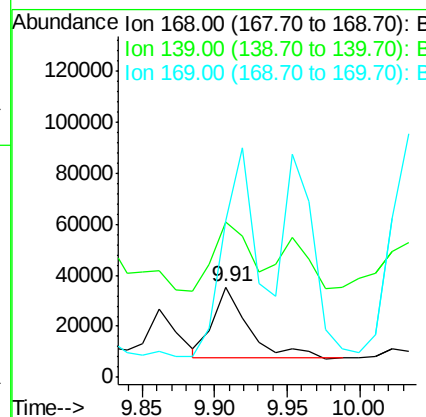
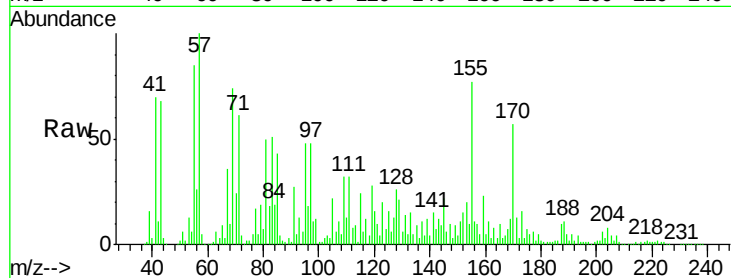
Tgt Ion:168 Resp: 47522

Ion Ratio Lower Upper

168 100

139 171.3 30.5 45.7#

169 172.6 10.4 15.6#



#55

4-Nitrophenol

Concen: 23.88 ng

RT: 9.82 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

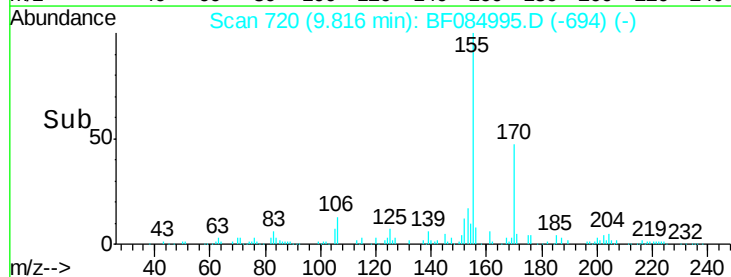
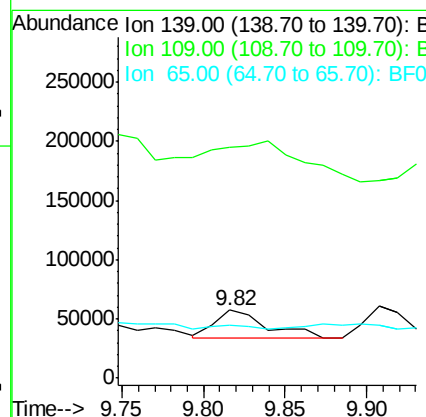
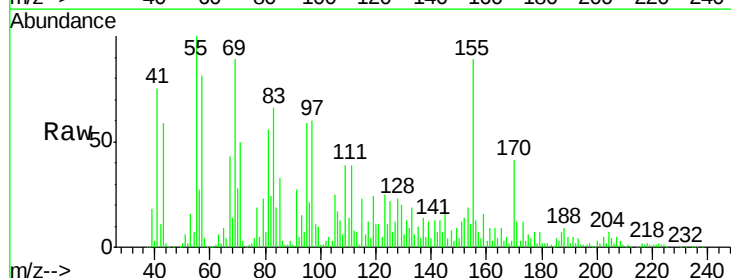
Tgt Ion:139 Resp: 52161

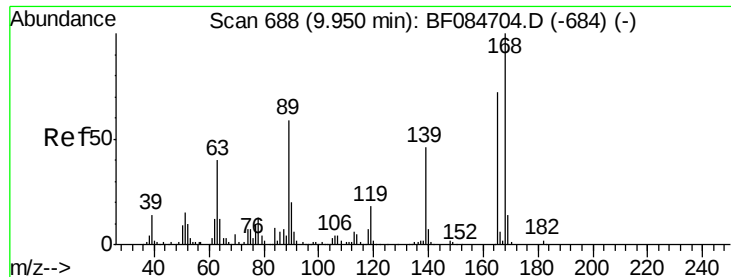
Ion Ratio Lower Upper

139 100

109 341.5 58.5 98.5#

65 78.8 57.6 97.6

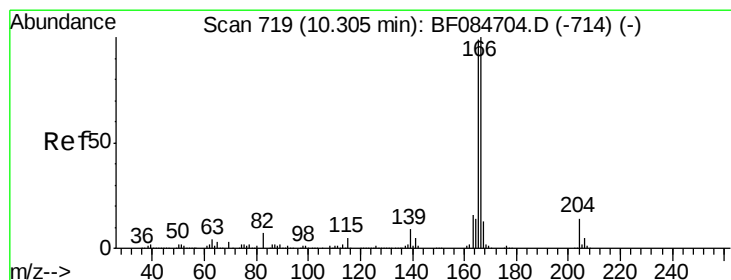
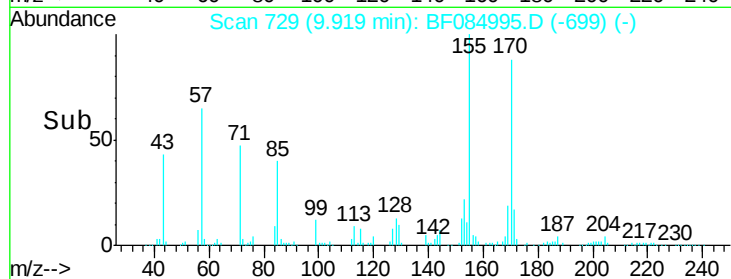
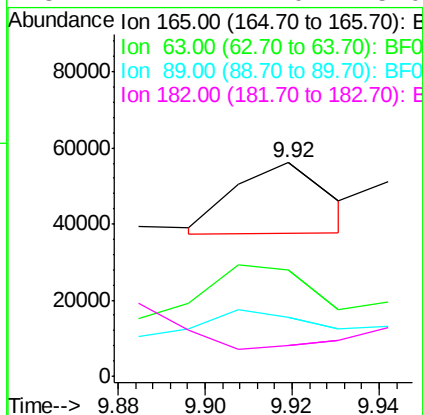
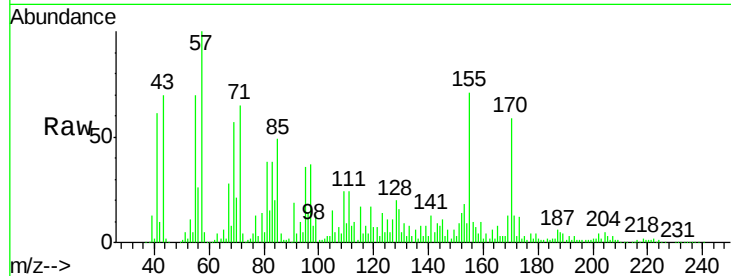




#56
 2,4-Dinitrotoluene
 Concen: 8.13 ng
 RT: 9.92 min Scan# 729
 Delta R.T. 0.05 min
 Lab File: BF084995.D
 Acq: 10 Feb 2016 16:16

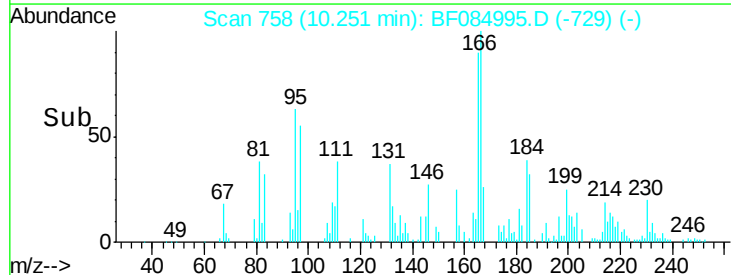
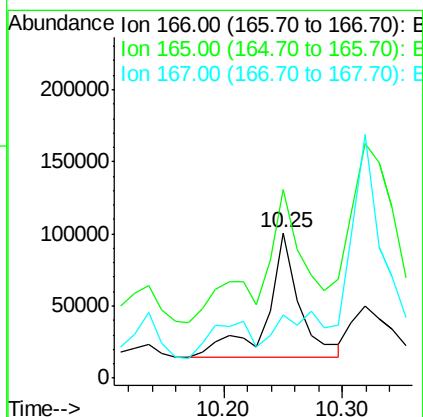
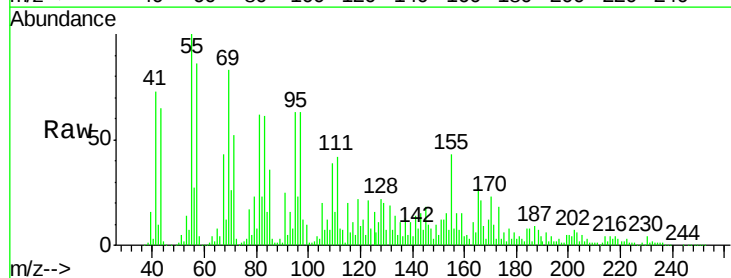
Instrument :
 BNA_F
 ClientSampleId :
 SP-001(0-2)RE

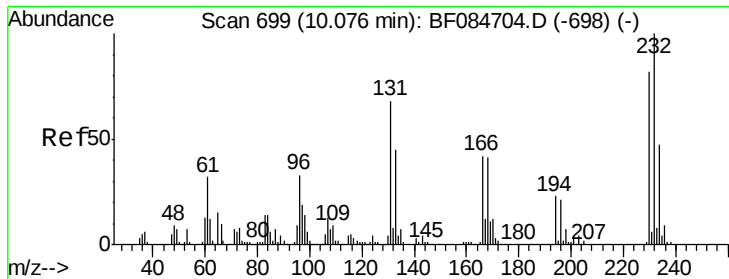
Tgt Ion:165 Resp: 27414
 Ion Ratio Lower Upper
 165 100
 63 50.0 36.7 55.1
 89 27.7 61.9 92.9#
 182 14.1 2.0 3.0#



#57
 Fluorene
 Concen: 15.64 ng
 RT: 10.25 min Scan# 758
 Delta R.T. 0.03 min
 Lab File: BF084995.D
 Acq: 10 Feb 2016 16:16

Tgt Ion:166 Resp: 164736
 Ion Ratio Lower Upper
 166 100
 165 130.4 79.1 118.7#
 167 43.7 10.4 15.6#

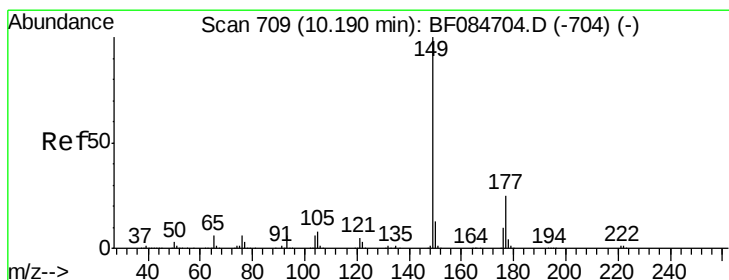
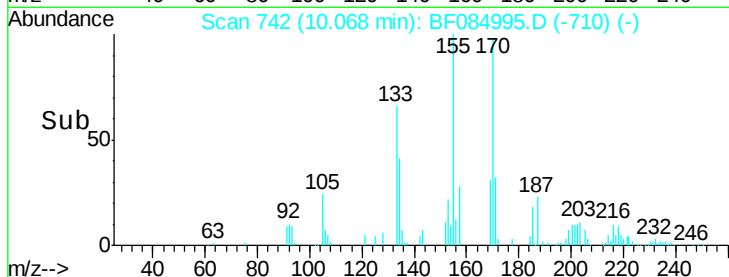
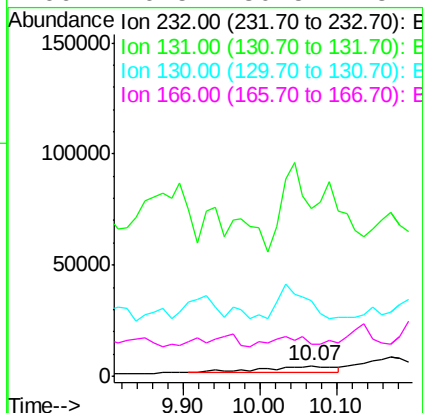
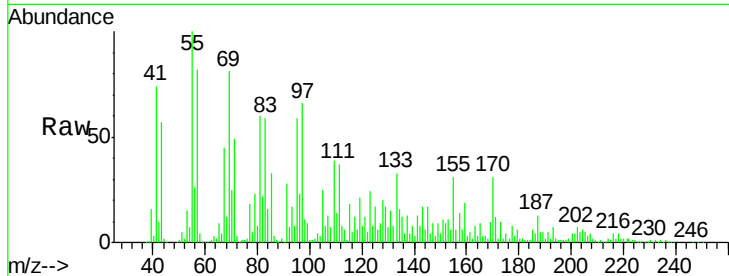




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 7.81 ng
 RT: 10.07 min Scan# 742
 Delta R.T. 0.07 min
 Lab File: BF084995.D
 Acq: 10 Feb 2016 16:16

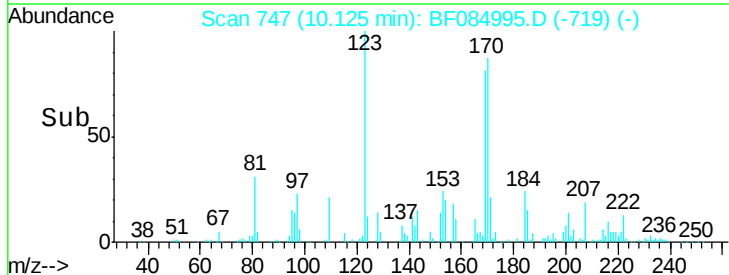
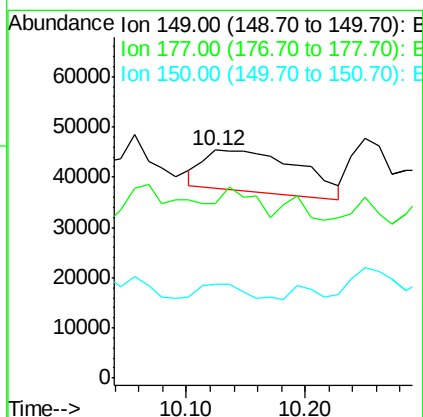
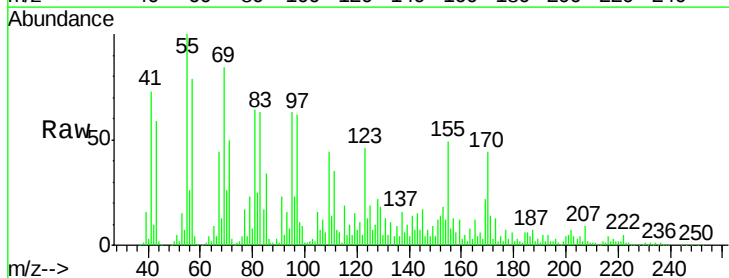
Instrument :
 BNA_F
 ClientSampleId :
 SP-001(0-2)RE

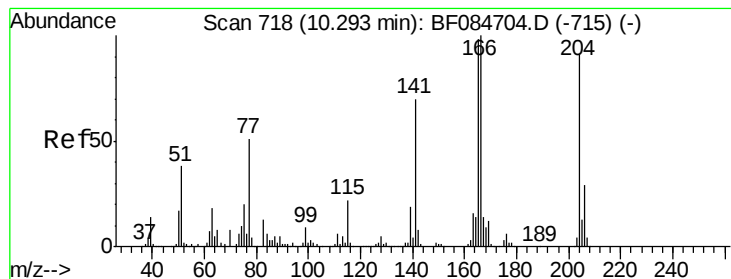
Tgt Ion: 232 Resp: 19654
 Ion Ratio Lower Upper
 232 100
 131 0.0 47.0 70.6#
 130 0.0 2.0 3.0#
 166 76.5 30.5 45.7#



#59
 Diethylphthalate
 Concen: 3.89 ng
 RT: 10.12 min Scan# 747
 Delta R.T. 0.02 min
 Lab File: BF084995.D
 Acq: 10 Feb 2016 16:16

Tgt Ion: 149 Resp: 45959
 Ion Ratio Lower Upper
 149 100
 177 76.5 17.3 25.9#
 150 41.0 9.8 14.8#





#60

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 10.26 min Scan# 759

Delta R.T. 0.06 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)RE

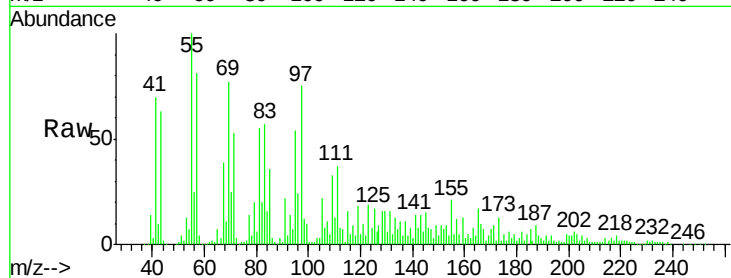
Tgt Ion:204 Resp: 7727

Ion Ratio Lower Upper

204 100

206 91.5 25.7 38.5#

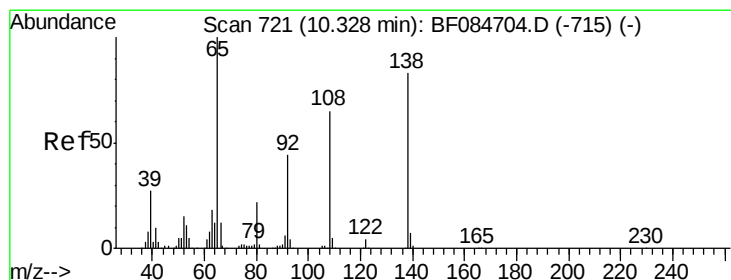
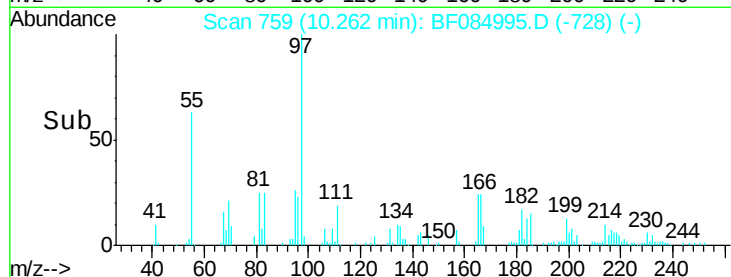
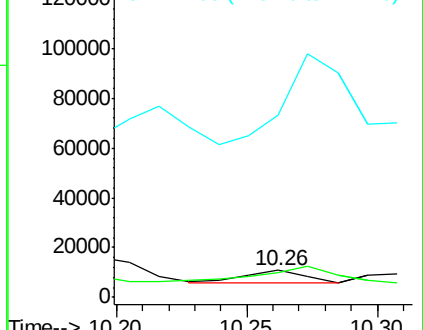
141 668.7 55.1 82.7#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 13.08 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.09 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

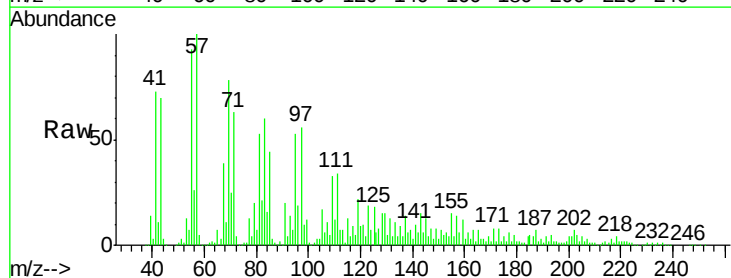
Tgt Ion:138 Resp: 37869

Ion Ratio Lower Upper

138 100

92 62.7 32.6 72.6

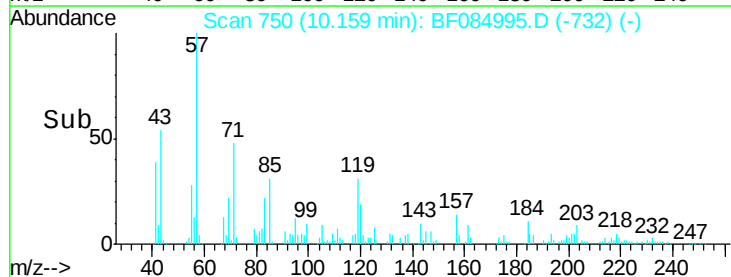
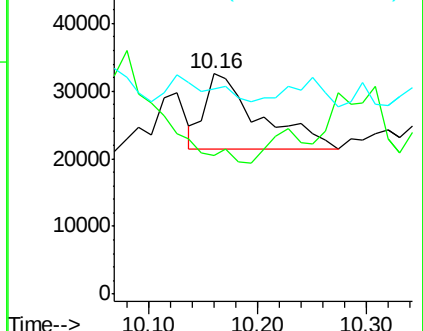
108 92.9 68.6 108.6

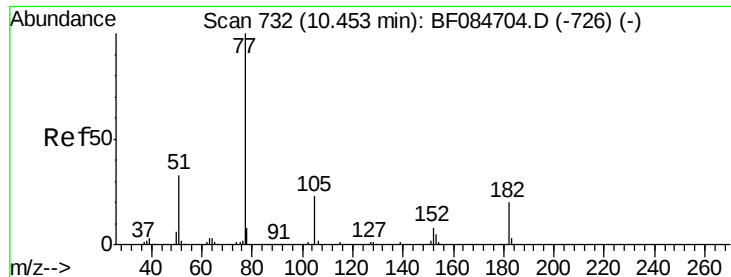


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 8.65 ng

RT: 10.41 min Scan# 772

Delta R.T. 0.05 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)RE

Tgt Ion: 77 Resp: 98362

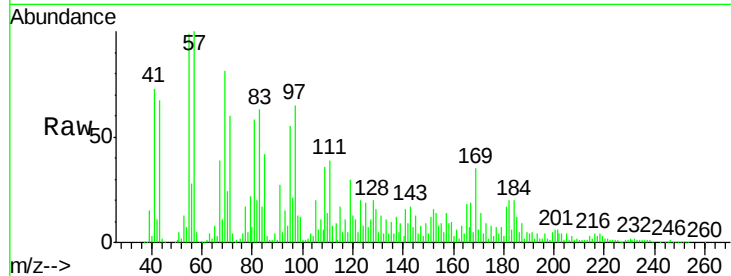
Ion Ratio Lower Upper

77 100

182 123.4 8.3 48.3#

105 120.6 4.6 44.6#

51 27.2 6.2 46.2

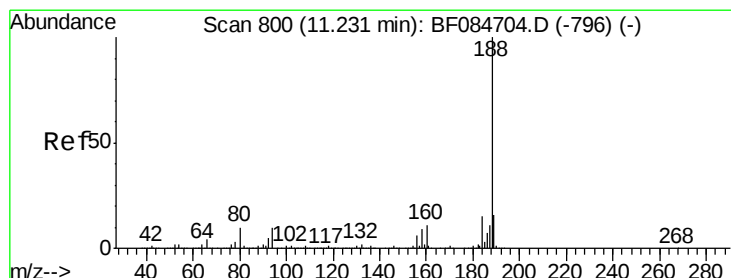
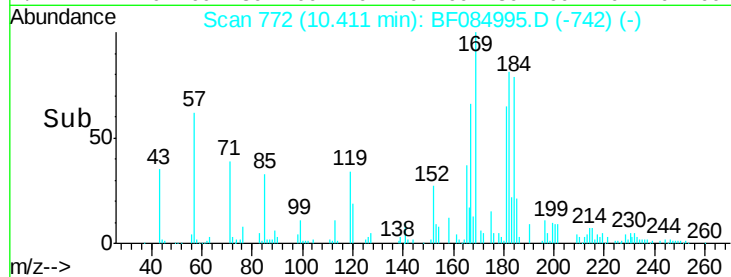
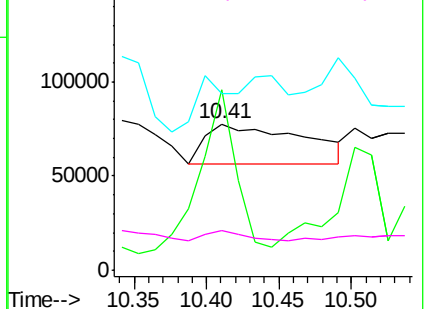


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 20.00 ng

RT: 11.19 min Scan# 840

Delta R.T. 0.05 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

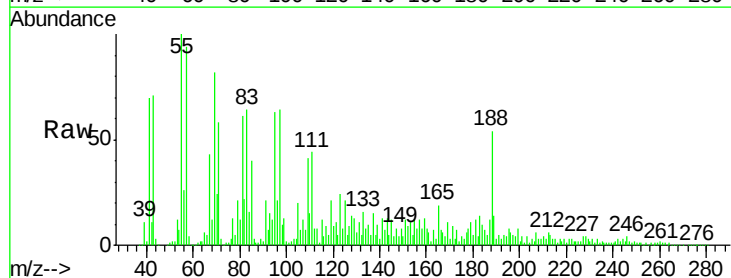
Tgt Ion: 188 Resp: 258033

Ion Ratio Lower Upper

188 100

94 21.8 9.0 13.4#

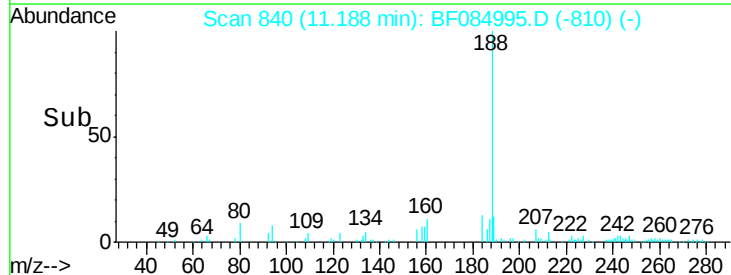
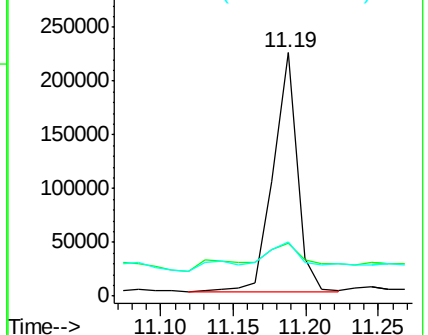
80 22.5 9.6 14.4#

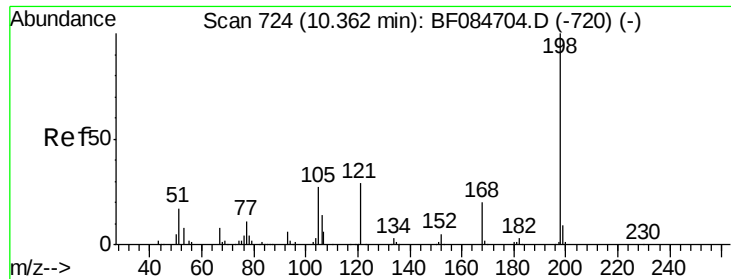


Abundance Ion 188.00 (187.70 to 188.70): E

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: 6.03 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.08 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)RE

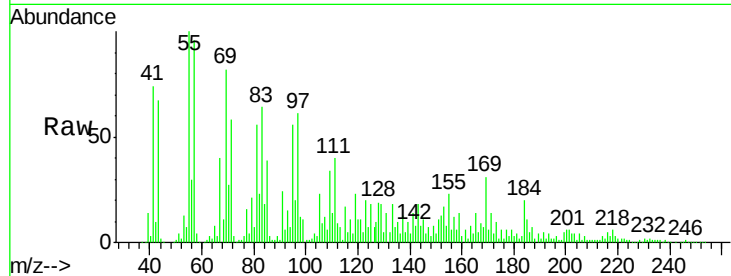
Tgt Ion:198 Resp: 9607

Ion Ratio Lower Upper

198 100

51 305.7 18.9 58.9#

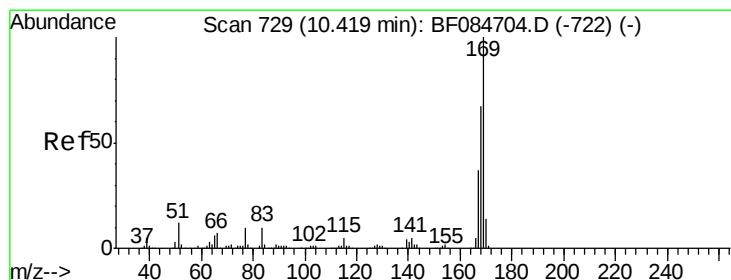
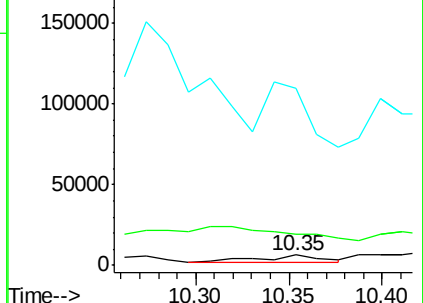
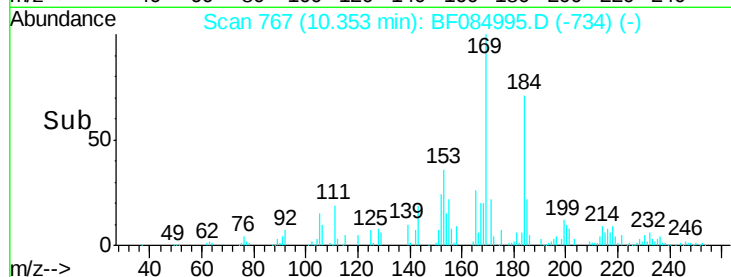
105 1720.8 26.4 66.4#



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: 60.59 ng

RT: 10.38 min Scan# 769

Delta R.T. 0.05 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

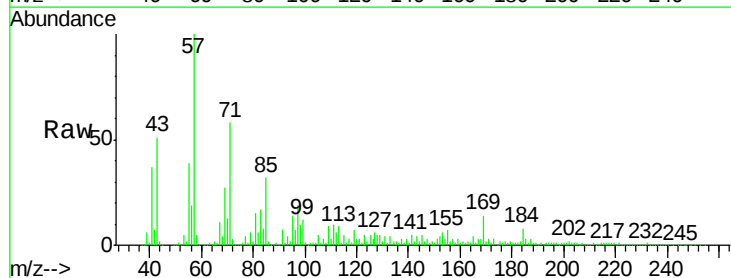
Tgt Ion:169 Resp: 496477

Ion Ratio Lower Upper

169 100

168 18.2 55.1 82.7#

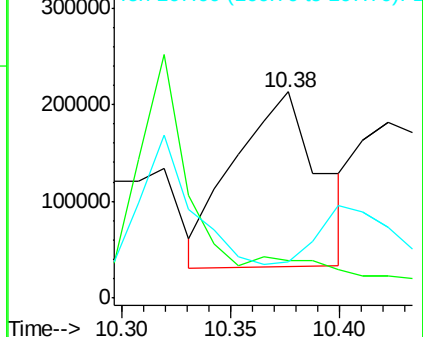
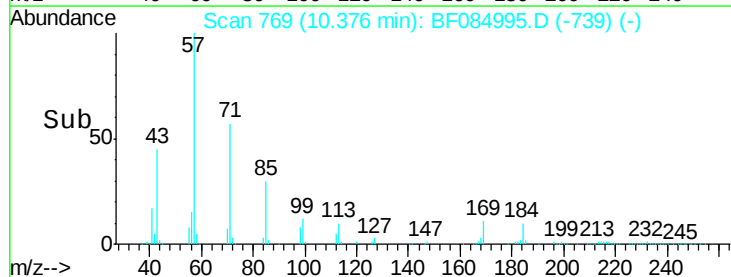
167 17.6 30.0 45.0#

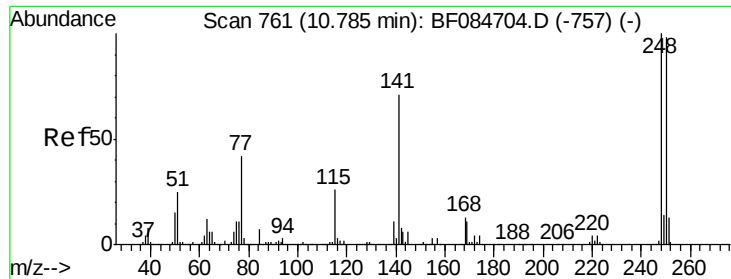


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66

4-Bromophenyl-phenylether

Concen: 2.35 ng

RT: 10.74 min Scan# 801

Delta R.T. 0.05 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)RE

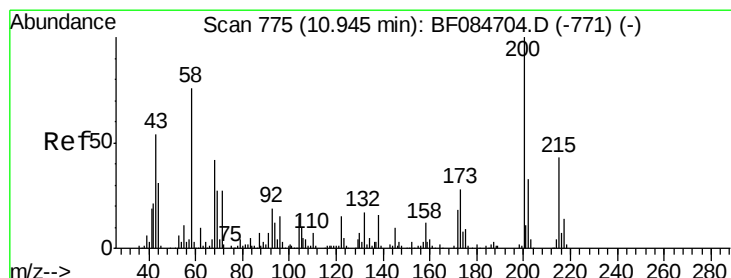
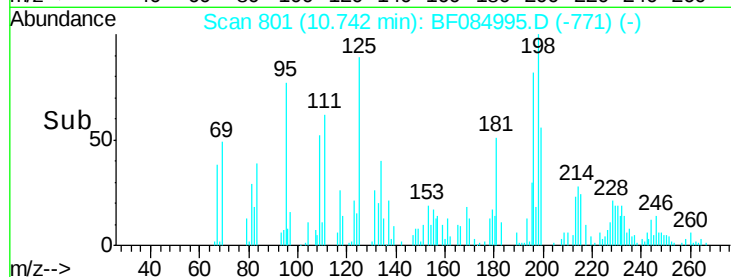
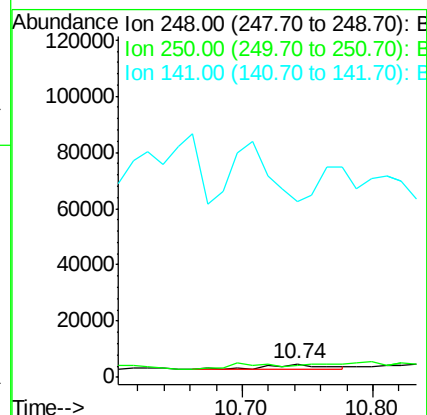
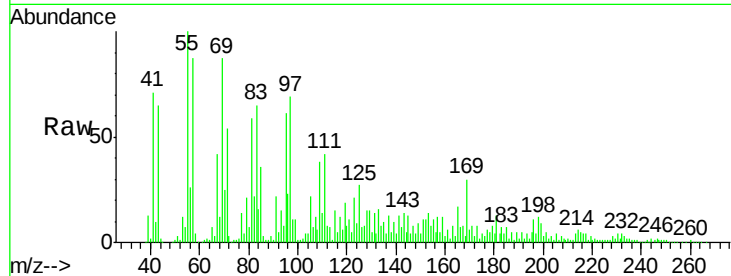
Tgt Ion:248 Resp: 6684

Ion Ratio Lower Upper

248 100

250 83.8 78.4 117.6

141 1286.3 44.0 66.0#



#68

Atrazine

Concen: 20.86 ng

RT: 10.91 min Scan# 816

Delta R.T. 0.05 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

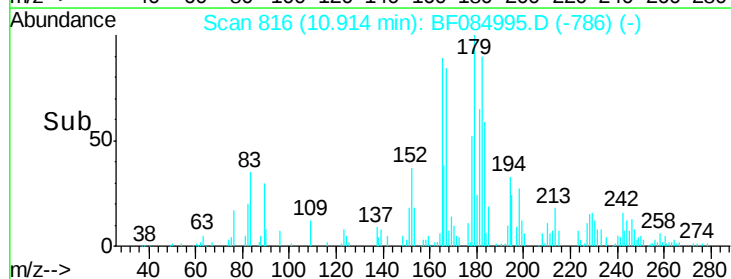
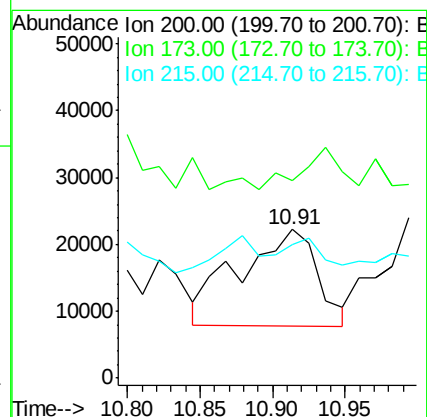
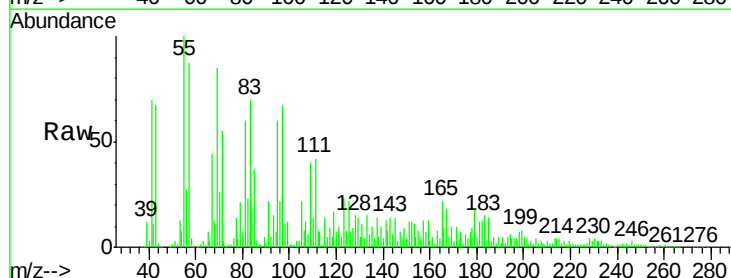
Tgt Ion:200 Resp: 53965

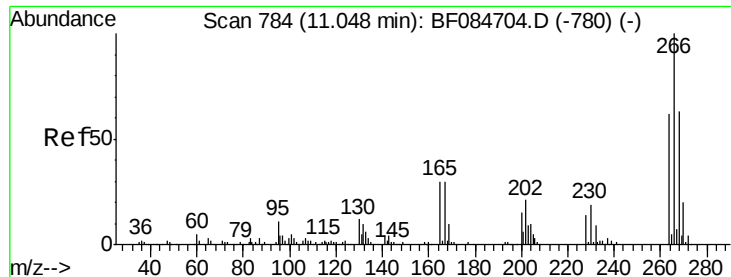
Ion Ratio Lower Upper

200 100

173 133.0 9.5 49.5#

215 89.7 23.8 63.8#

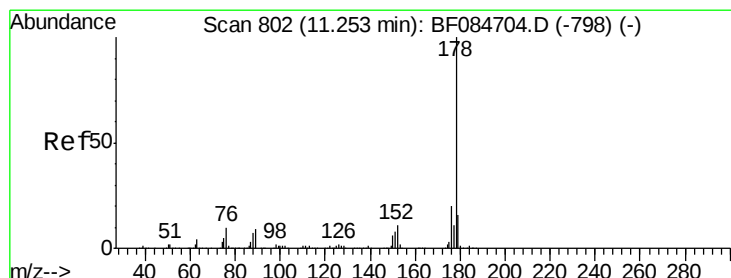
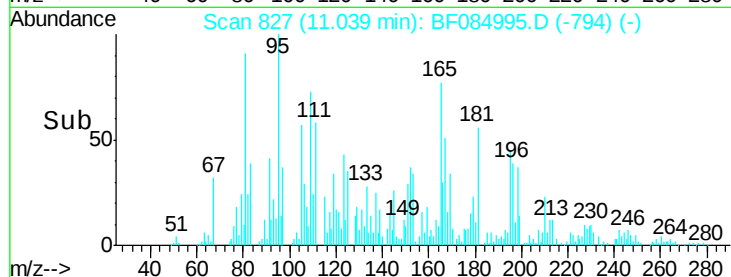
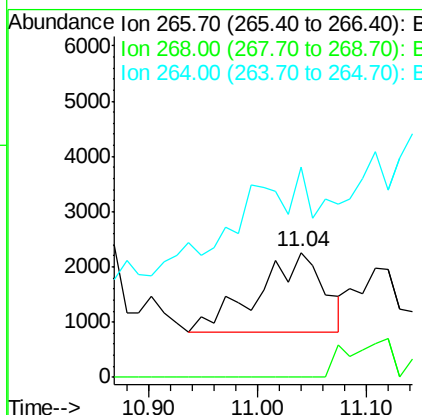
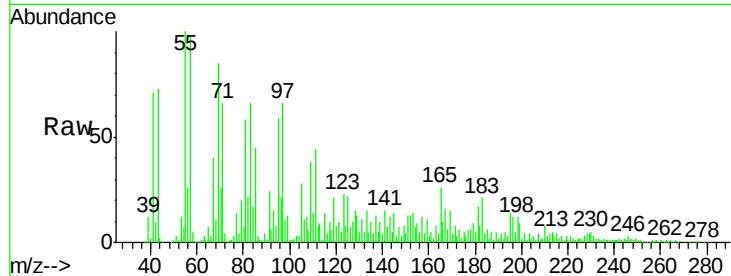




#69
 Pentachlorophenol
 Concen: 4.22 ng
 RT: 11.04 min Scan# 827
 Delta R.T. 0.08 min
 Lab File: BF084995.D
 Acq: 10 Feb 2016 16:16

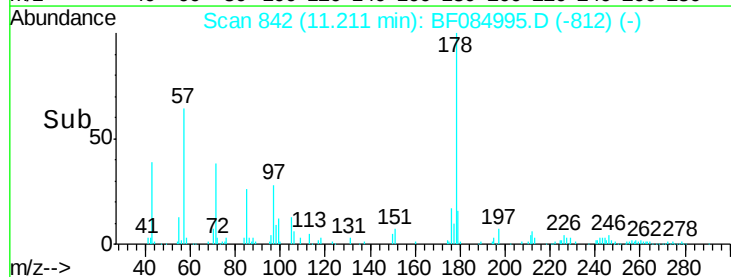
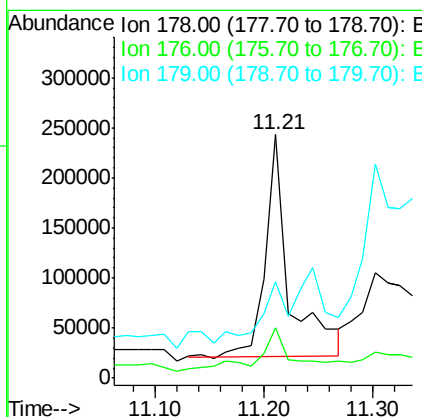
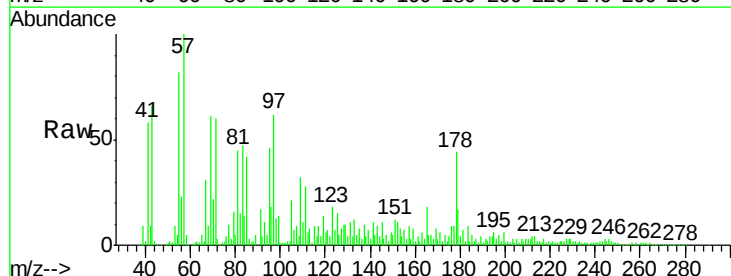
Instrument :
 BNA_F
 ClientSampleId :
 SP-001(0-2)RE

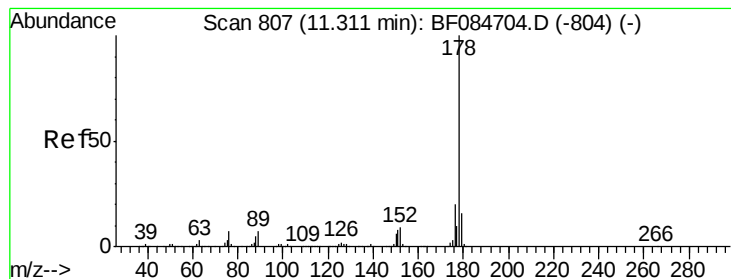
Tgt Ion: 266 Resp: 6159
 Ion Ratio Lower Upper
 266 100
 268 0.0 52.4 78.6#
 264 167.8 50.2 75.2#



#70
 Phenanthrene
 Concen: 23.91 ng
 RT: 11.21 min Scan# 842
 Delta R.T. 0.05 min
 Lab File: BF084995.D
 Acq: 10 Feb 2016 16:16

Tgt Ion: 178 Resp: 342243
 Ion Ratio Lower Upper
 178 100
 176 20.9 15.3 22.9
 179 39.6 12.0 18.0#





#71

Anthracene

Concen: 24.21 ng

RT: 11.30 min Scan# 850

Delta R.T. 0.08 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)RE

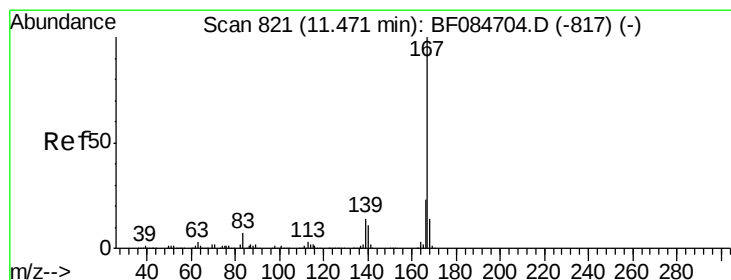
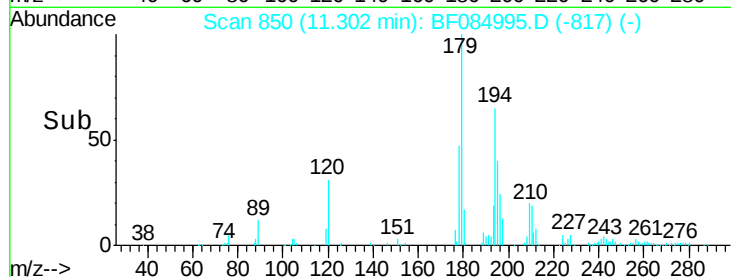
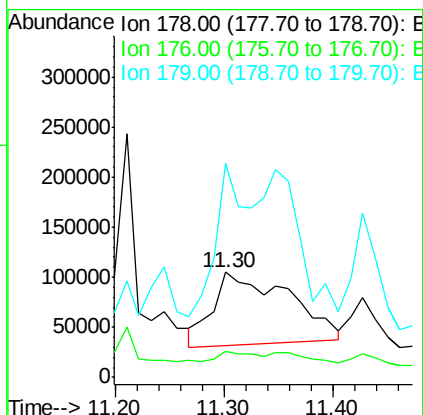
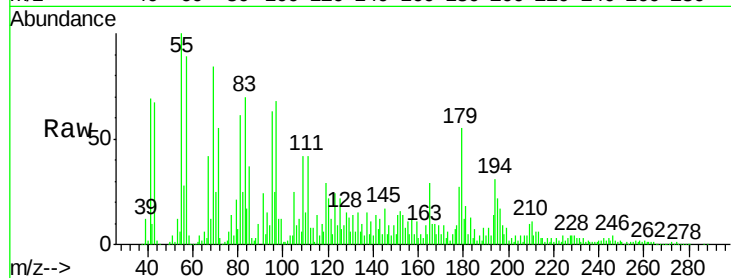
Tgt Ion:178 Resp: 349080

Ion Ratio Lower Upper

178 100

176 24.3 15.4 23.0#

179 204.1 12.5 18.7#



#72

Carbazole

Concen: 2.32 ng

RT: 11.39 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

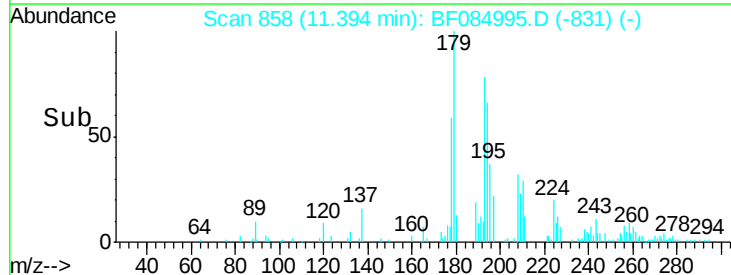
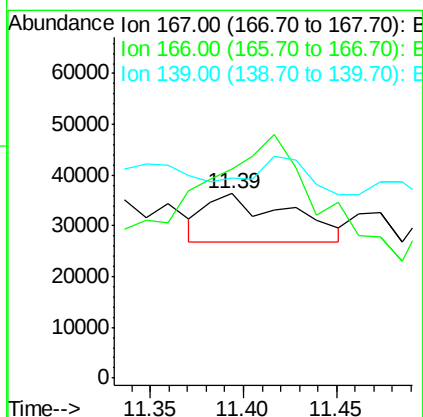
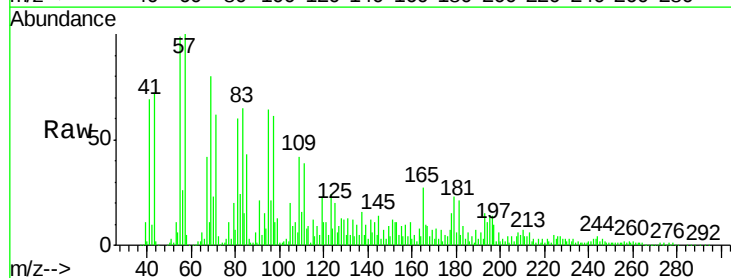
Tgt Ion:167 Resp: 29165

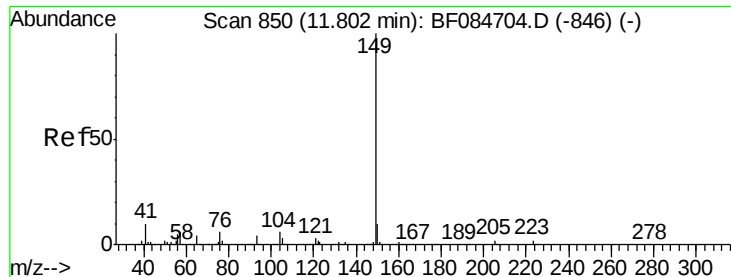
Ion Ratio Lower Upper

167 100

166 113.4 17.6 26.4#

139 108.9 11.8 17.8#





#73

Di-n-butylphthalate

Concen: 2.65 ng

RT: 11.73 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)RE

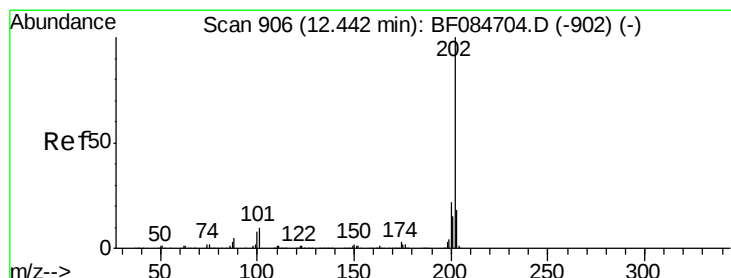
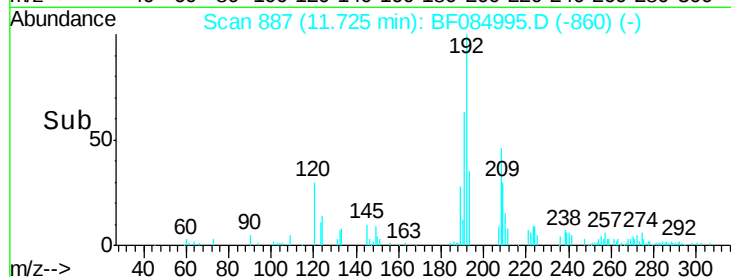
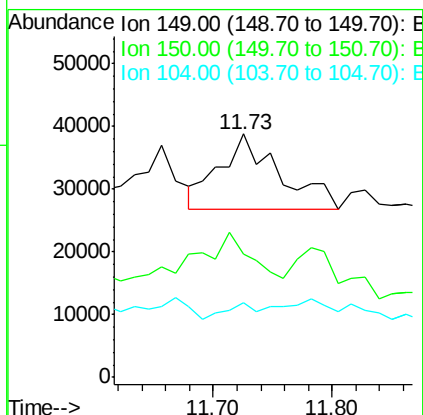
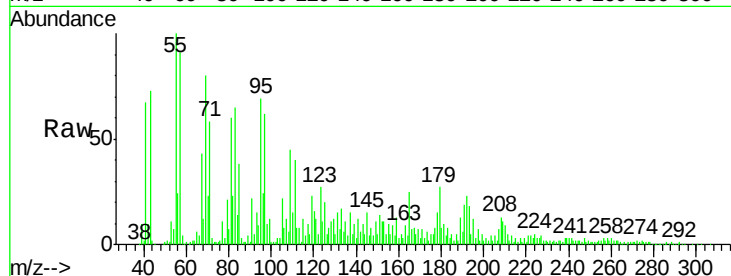
Tgt Ion:149 Resp: 42389

Ion Ratio Lower Upper

149 100

150 50.7 7.1 10.7#

104 30.9 3.2 4.8#



#74

Fluoranthene

Concen: 12.26 ng

RT: 12.61 min Scan# 964

Delta R.T. 0.26 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

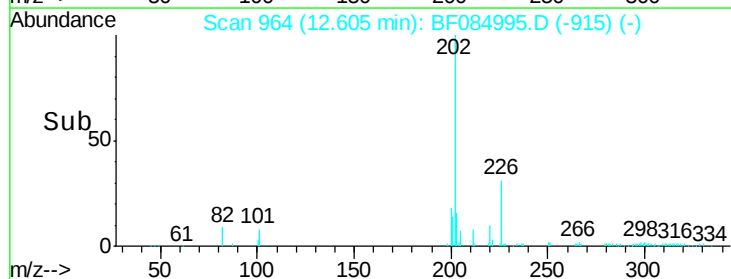
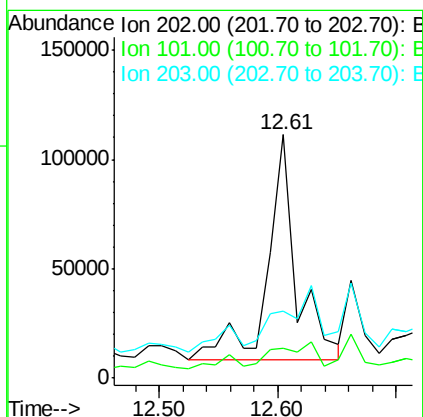
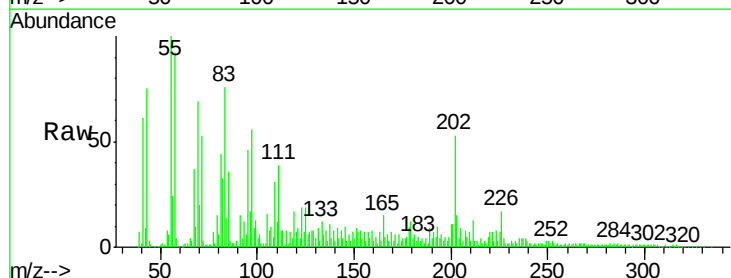
Tgt Ion:202 Resp: 177546

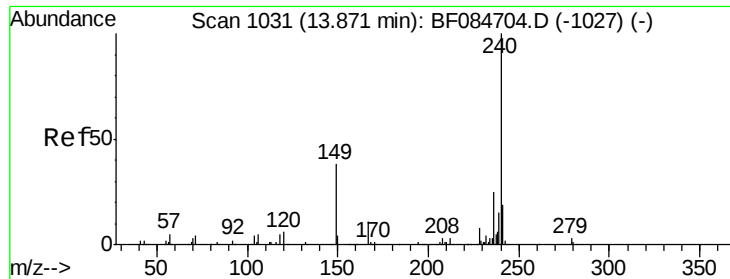
Ion Ratio Lower Upper

202 100

101 12.0 0.0 32.8

203 27.6 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)RE

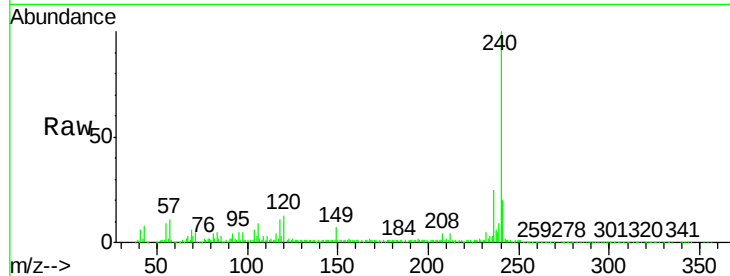
Tgt Ion:240 Resp: 302465

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

236 25.2 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.77

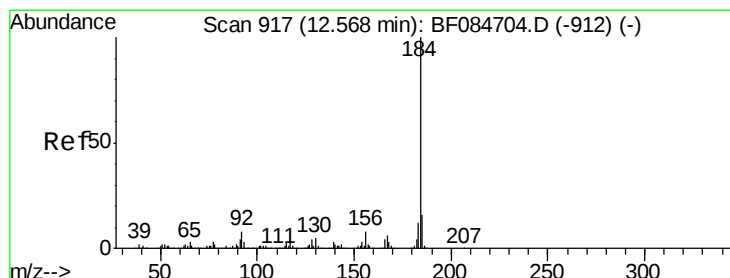
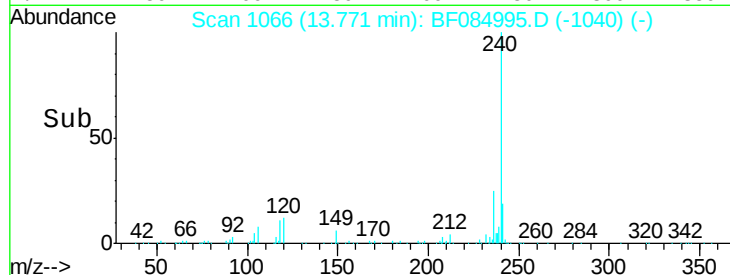
300000

200000

100000

0

Time-->



#76

Benzidine

Concen: 7.29 ng

RT: 12.48 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

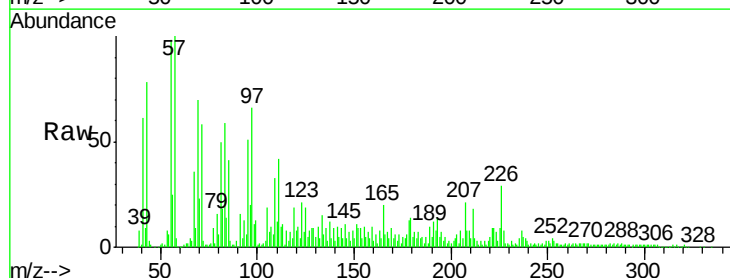
Tgt Ion:184 Resp: 6474

Ion Ratio Lower Upper

184 100

185 124.2 12.2 18.2#

183 175.5 9.8 14.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

25000

20000

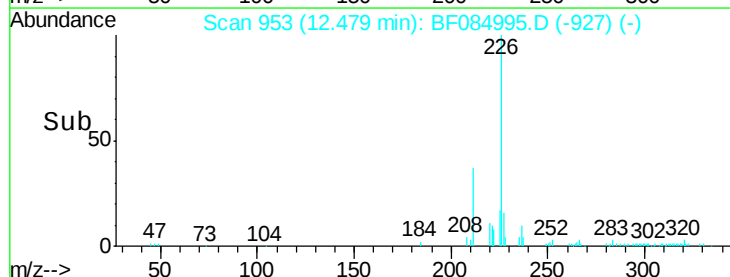
15000

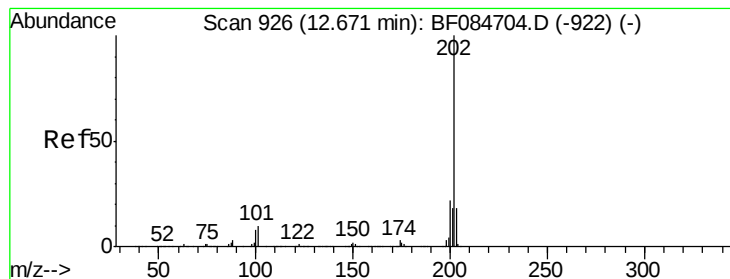
10000

5000

0

Time-->





#77

Pyrene

Concen: 7.67 ng

RT: 12.61 min Scan# 964

Delta R.T. 0.03 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)RE

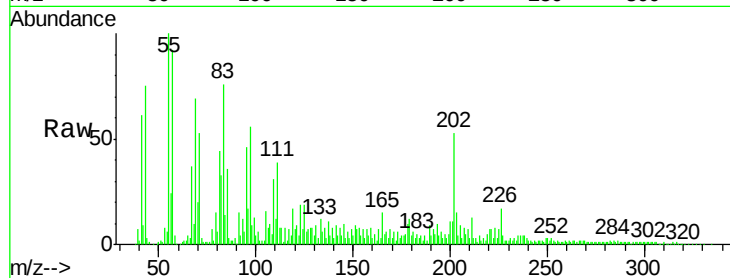
Tgt Ion:202 Resp: 177546

Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

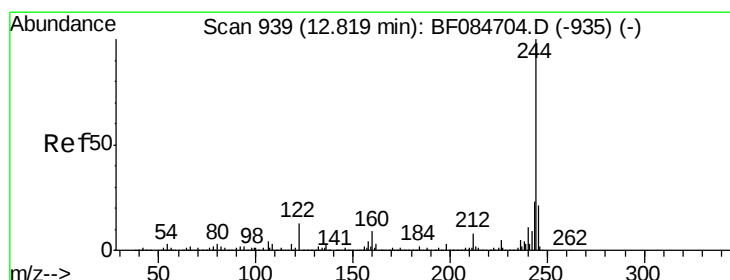
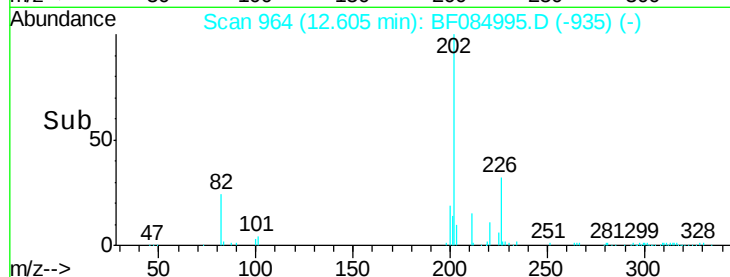
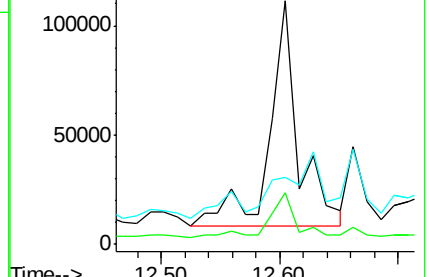
203 27.6 14.3 21.5#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 60.09 ng

RT: 12.74 min Scan# 976

Delta R.T. 0.01 min

Lab File: BF084995.D

Acq: 10 Feb 2016 16:16

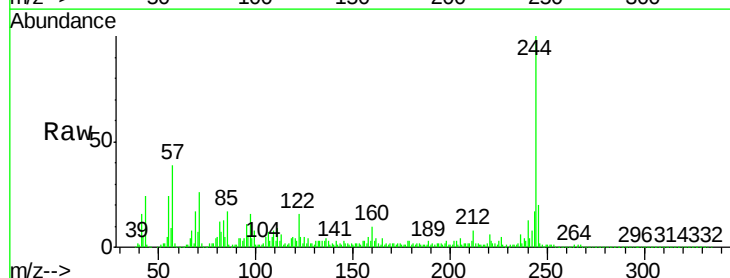
Tgt Ion:244 Resp: 802073

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

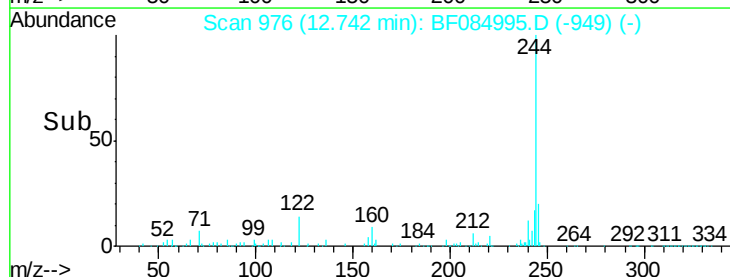
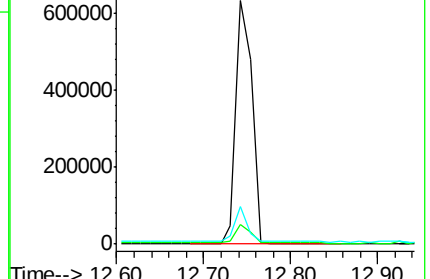
122 15.5 7.4 11.0#

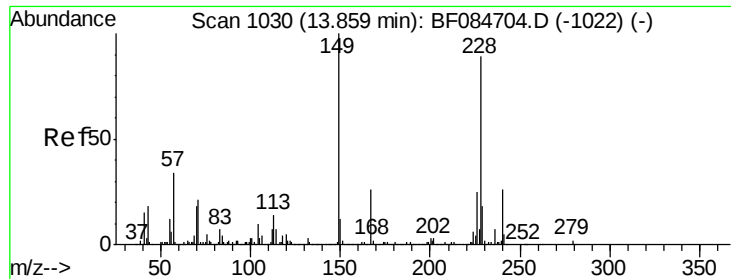


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

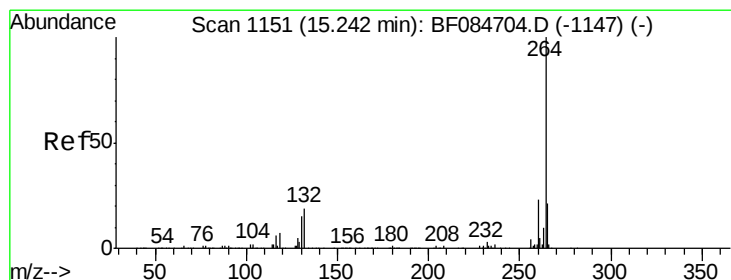
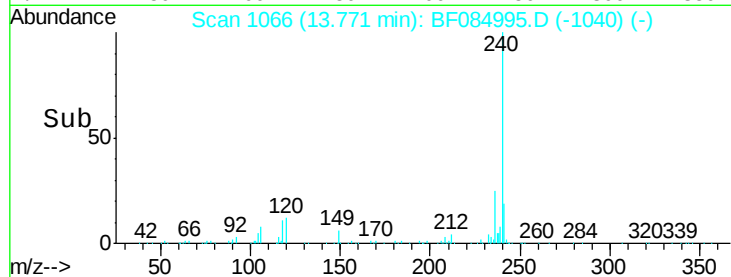
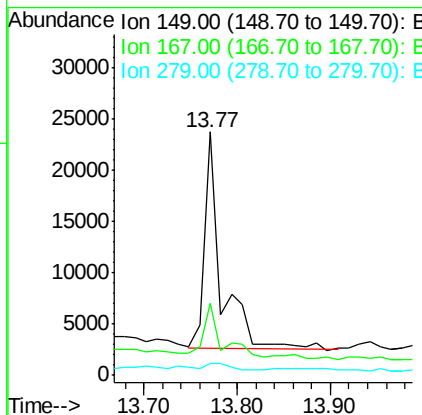
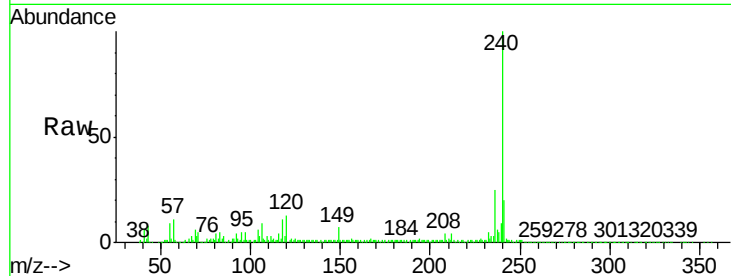




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.07 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF084995.D
 Acq: 10 Feb 2016 16:16

Instrument :
 BNA_F
 ClientSampleId :
 SP-001(0-2)RE

Tgt Ion:149 Resp: 27025
 Ion Ratio Lower Upper
 149 100
 167 29.4 19.7 29.5
 279 4.7 1.8 2.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF084995.D
 Acq: 10 Feb 2016 16:16

Tgt Ion:264 Resp: 290263
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 22.2 17.8 26.6

