

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
 Data File : BF084713.D
 Acq On : 1 Feb 2016 17:03
 Operator : SJ/IZ
 Sample : H1256-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 9035

Quant Time: Feb 02 00:30:52 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	184701	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	763571	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	360687	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	728732	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	649783	20.00	ng	-0.01
86) Perylene-d12	15.24	264	476733	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1500494	126.54	ng	0.00
7) Phenol-d6	6.37	99	1857929	126.38	ng	0.00
23) Nitrobenzene-d5	7.29	82	1306647	96.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	571040	151.78	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	2086432	106.35	ng	-0.01
78) Terphenyl-d14	12.82	244	2023331	70.56	ng	-0.01

Target Compounds				Qvalue		
8) 2-Chlorophenol	6.50	128	724445	53.97	ng	88
9) Benzaldehyde	6.38	77	19364	2.23	ng	# 1
10) Phenol	6.38	94	1622220	98.50	ng	93
17) 2-Methylphenol	6.99	107	1181765	111.33	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	176736	19.18	ng	# 77
20) 3+4-Methylphenols	6.99	107	1181765	89.69	ng	# 72
25) Isophorone	7.29	82	1208842	45.86	ng	# 66
26) 2-Nitrophenol	7.62	139	762009	106.44	ng	# 83
27) 2,4-Dimethylphenol	7.62	122	49367	3.96	ng	# 5
28) bis(2-Chloroethoxy)methane	7.62	93	80879	5.17	ng	# 65
29) 2,4-Dichlorophenol	7.86	162	1014631	95.23	ng	95
31) Naphthalene	8.09	128	98920	2.58	ng	# 78
32) Benzoic acid	7.62	122	49367	6.20	ng	# 7
35) Caprolactam	8.57	113	27831	8.48	ng	# 22
36) 4-Chloro-3-methylphenol	8.57	107	1002487	82.48	ng	92
37) 2-Methylnaphthalene	8.57	142	768829	32.07	ng	# 23
42) 2,4,6-Trichlorophenol	9.00	196	1007455	136.51	ng	95
43) 2,4,5-Trichlorophenol	9.04	196	343234	45.77	ng	94
46) 2-Chloronaphthalene	9.00	162	102952	4.34	ng	# 52
50) 2,6-Dinitrotoluene	9.74	165	46792	7.80	ng	# 37
51) Acenaphthene	9.82	154	283010	12.08	ng	# 4
53) 2,4-Dinitrophenol	9.82	184	398934	139.38	ng	95
55) 4-Nitrophenol	9.89	139	640611	129.26	ng	# 82
56) 2,4-Dinitrotoluene	9.74	165	46792	6.11	ng	# 21
62) Azobenzene	10.35	77	69267	2.69	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.35	198	249631	55.50	ng	# 75
66) 4-Bromophenyl-phenylether	10.54	248	35306	4.39	ng	# 1
68) Atrazine	11.05	200	114668	15.69	ng	# 37
69) Pentachlorophenol	11.05	266	547760	132.90	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF084713.D

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9035

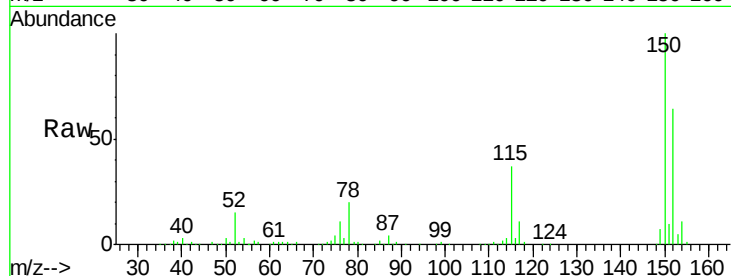
Tgt Ion:152 Resp: 184701

Ion Ratio Lower Upper

152 100

150 156.2 123.0 184.4

115 58.4 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

300000

250000

200000

150000

100000

50000

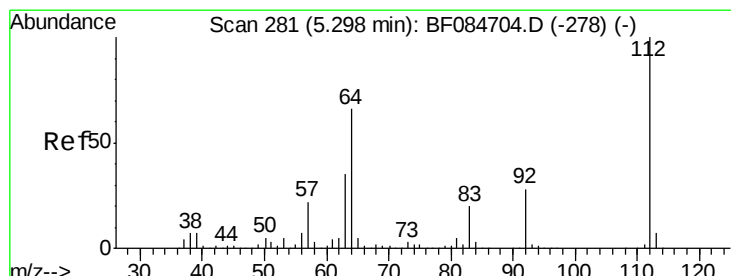
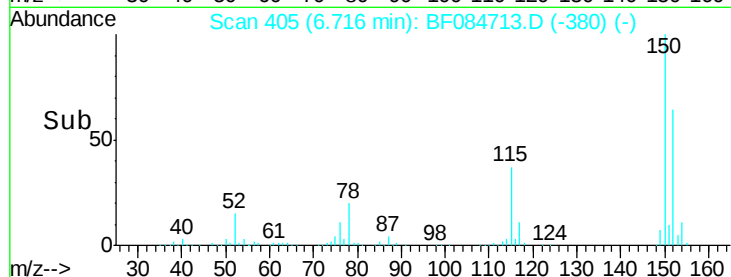
0

6.65

6.70

6.75

Time-->



#5

2-Fluorophenol

Concen: 126.54 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF084713.D

Acq: 1 Feb 2016 17:03

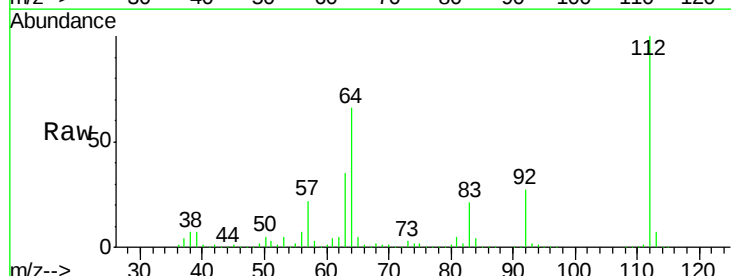
Tgt Ion:112 Resp: 1500494

Ion Ratio Lower Upper

112 100

64 66.0 36.6 55.0#

63 35.0 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

1500000

1000000

500000

0

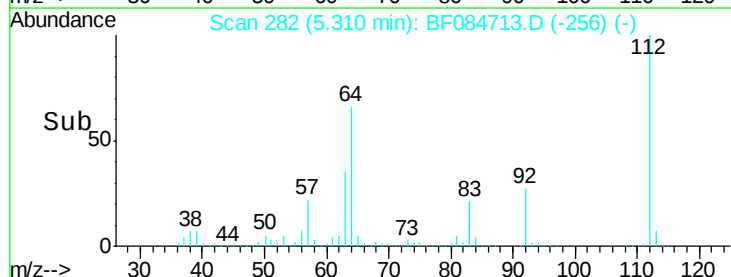
5.20

5.30

5.40

5.50

Time-->





#7

Phenol-d6

Concen: 126.38 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084713.D

Acq: 1 Feb 2016 17:03

Instrument :

BNA_F

ClientSampleId :

9035

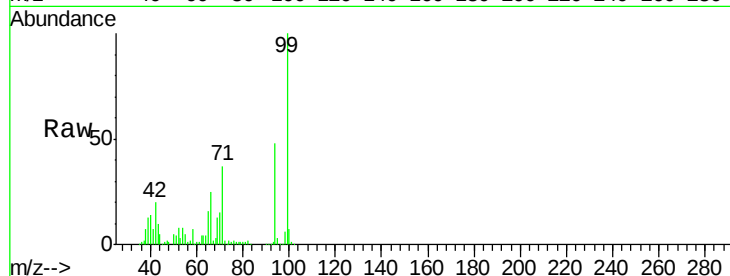
Tgt Ion: 99 Resp: 1857929

Ion Ratio Lower Upper

99 100

42 19.9 12.8 19.2#

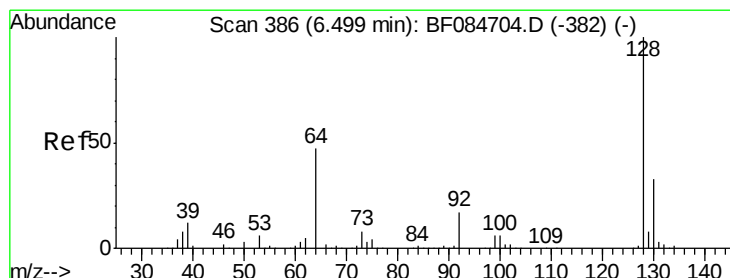
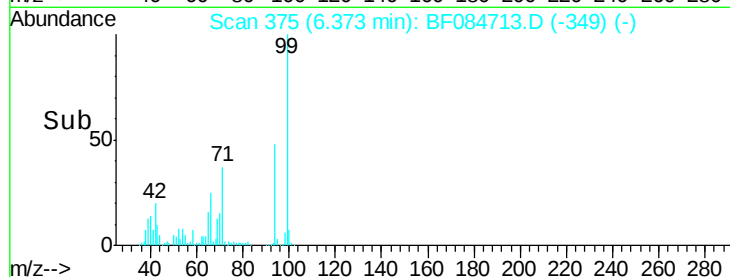
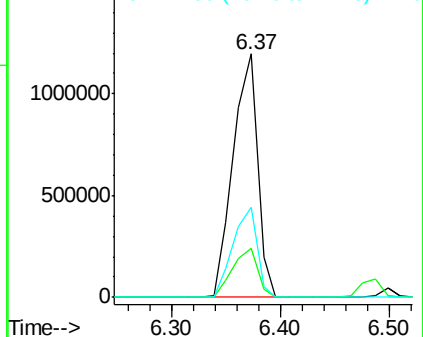
71 36.9 30.9 46.3



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



#8

2-Chlorophenol

Concen: 53.97 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF084713.D

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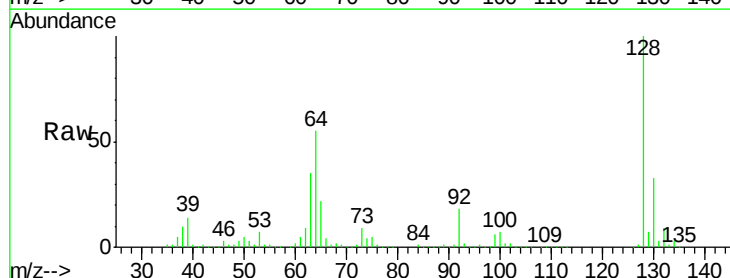
Tgt Ion: 128 Resp: 724445

Ion Ratio Lower Upper

128 100

130 33.2 11.6 51.6

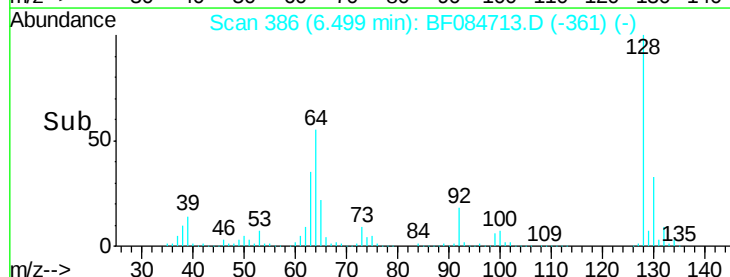
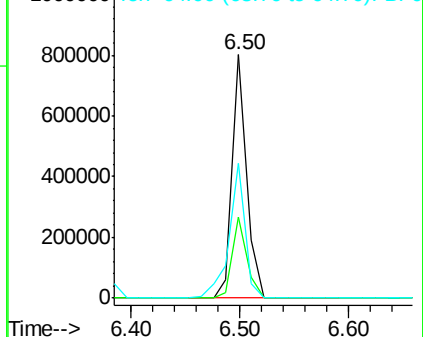
64 55.5 23.8 63.8

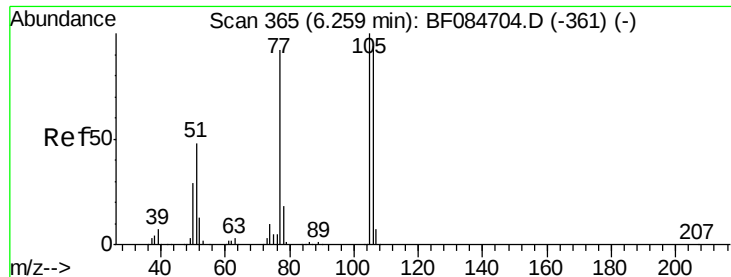


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.23 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.11 min

Lab File: BF084713.D

Acq: 1 Feb 2016 17:03

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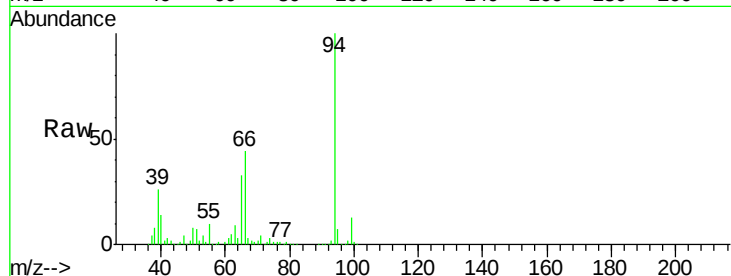
Tgt Ion: 77 Resp: 19364

Ion Ratio Lower Upper

77 100

105 0.0 83.0 123.0#

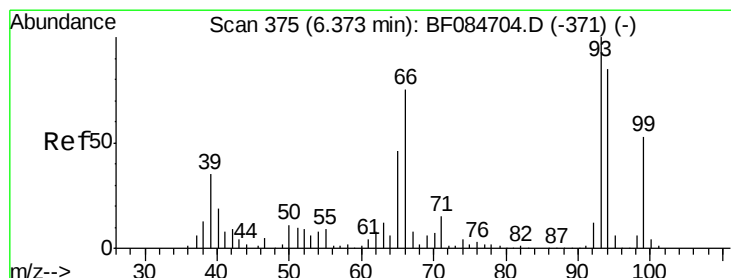
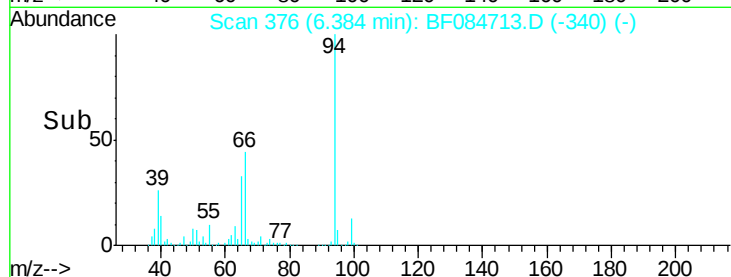
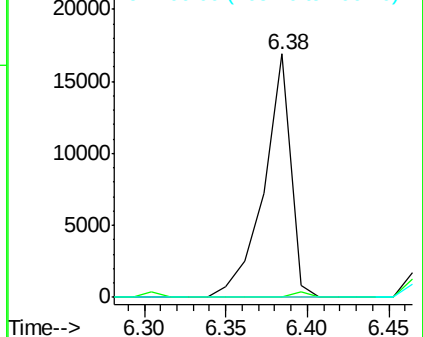
106 0.0 74.6 114.6#



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



#10

Phenol

Concen: 98.50 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF084713.D

Acq: 1 Feb 2016 17:03

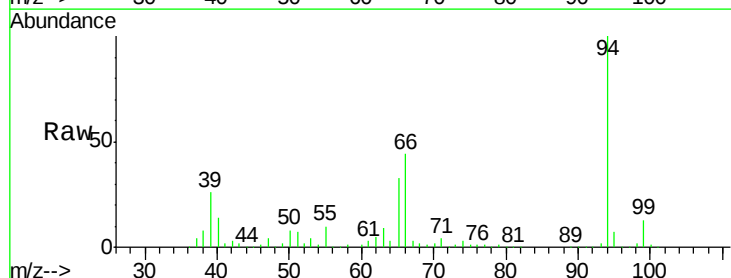
Tgt Ion: 94 Resp: 1622220

Ion Ratio Lower Upper

94 100

65 33.3 12.9 52.9

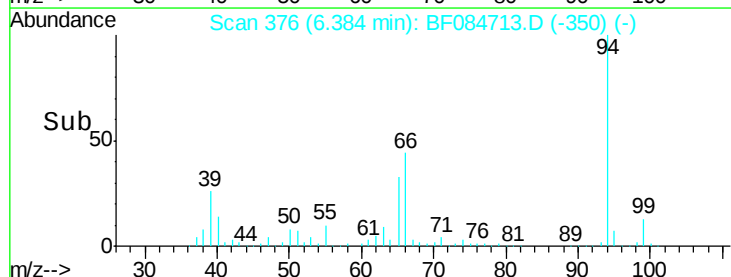
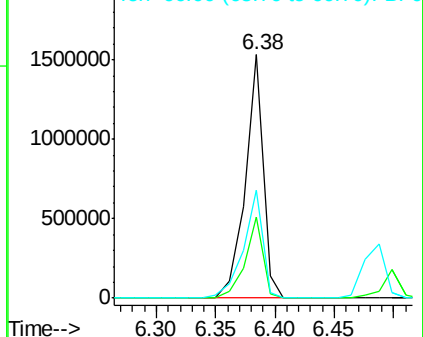
66 44.5 32.7 72.7

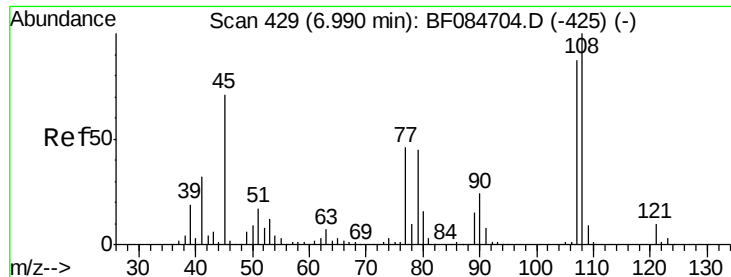


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

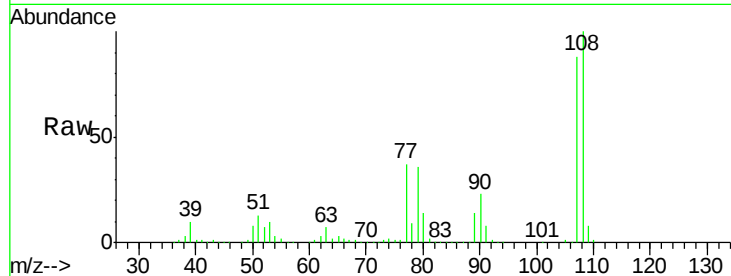




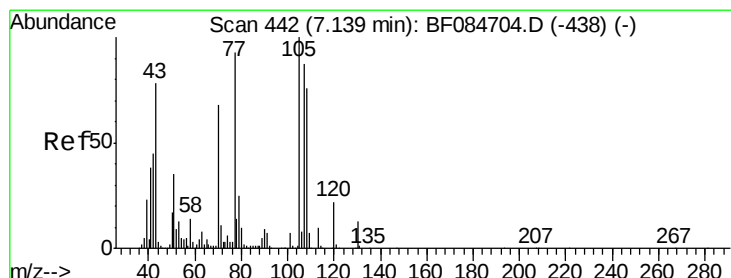
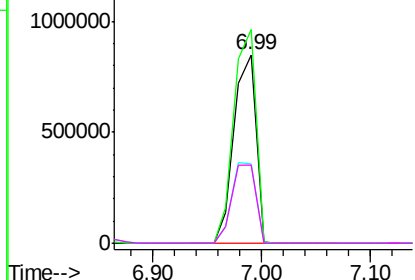
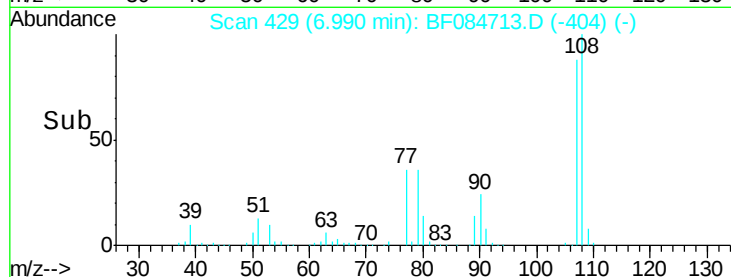
#17
 2-Methylphenol
 Concen: 111.33 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: BF084713.D
 Acq: 1 Feb 2016 17:03

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 9035

Tgt Ion: 107 Resp: 1181765
 Ion Ratio Lower Upper
 107 100
 108 113.3 89.8 134.6
 77 41.8 35.7 53.5
 79 41.2 35.7 53.5

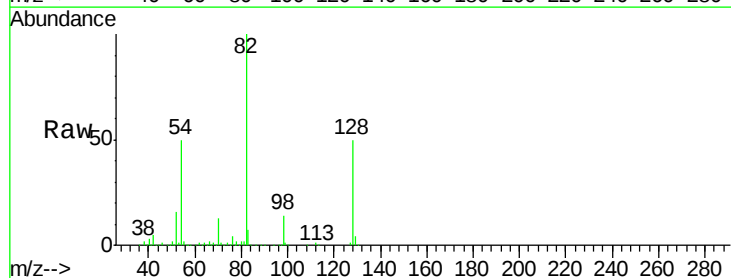


Abundance Ion 107.00 (106.70 to 107.70): E
 1500000 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

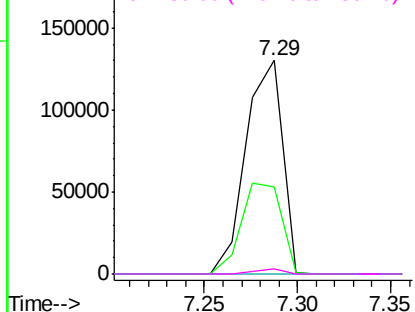
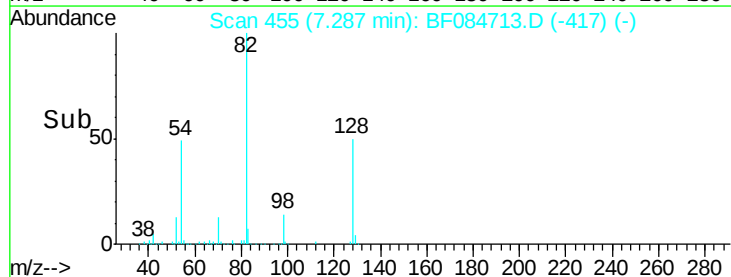


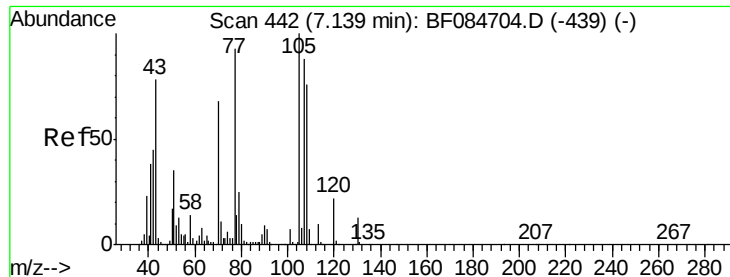
#19
 n-Nitroso-di-n-propylamine
 Concen: 19.18 ng
 RT: 7.29 min Scan# 455
 Delta R.T. 0.14 min
 Lab File: BF084713.D
 Acq: 1 Feb 2016 17:03

Tgt Ion: 70 Resp: 176736
 Ion Ratio Lower Upper
 70 100
 42 40.8 33.3 49.9
 101 0.0 9.3 13.9#
 130 2.3 23.4 35.0#



Abundance Ion 70.00 (69.70 to 70.70): BF0
 200000 Ion 42.00 (41.70 to 42.70): BF0
 Ion 101.00 (100.70 to 101.70): E
 Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 89.69 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.16 min

Lab File: BF084713.D

Acq: 1 Feb 2016 17:03

Instrument :

BNA_F

ClientSampleId :

9035

Tgt Ion:107 Resp: 1181765

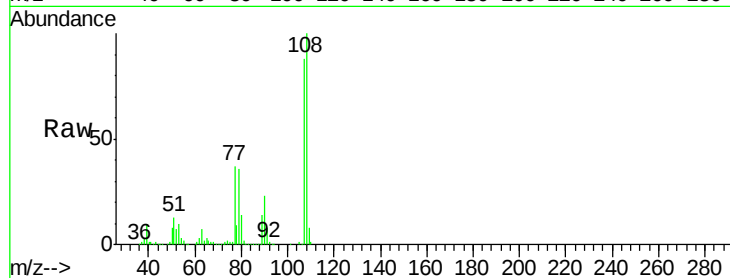
Ion Ratio Lower Upper

107 100

108 113.3 74.6 114.6

77 41.8 0.7 40.7#

79 41.2 0.0 39.0#

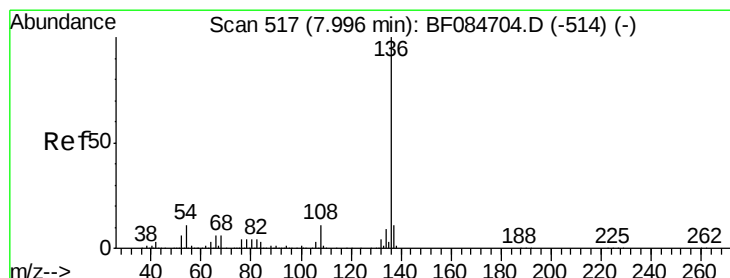
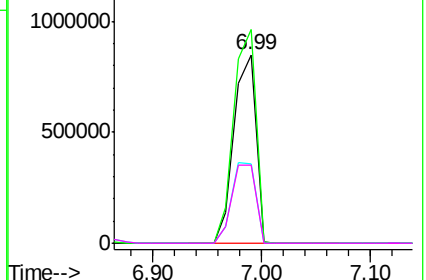
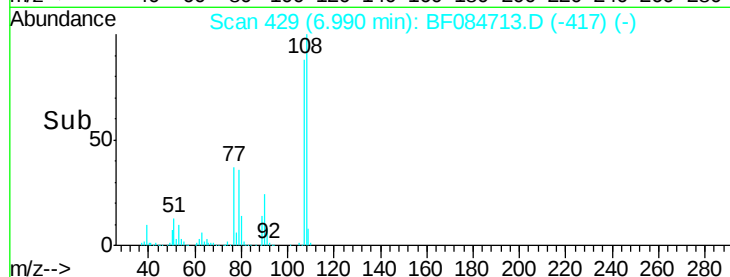


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF084713.D

Acq: 1 Feb 2016 17:03

Tgt Ion:136 Resp: 763571

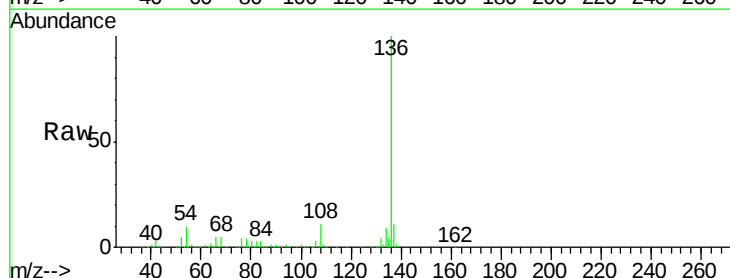
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.9 5.8 8.8#

68 5.4 4.2 6.2

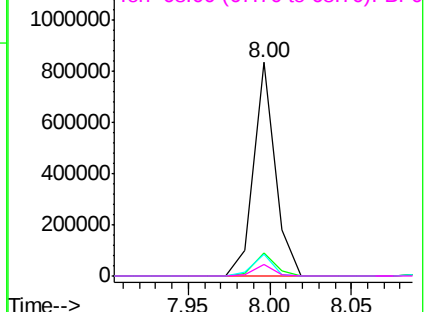
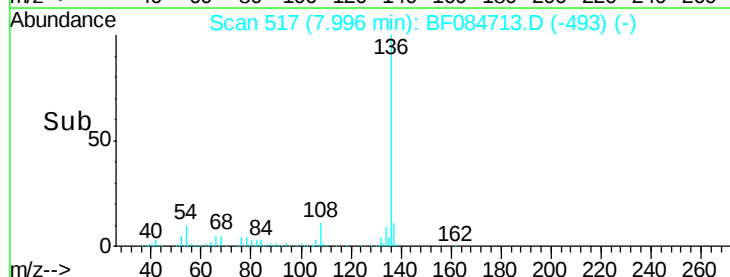


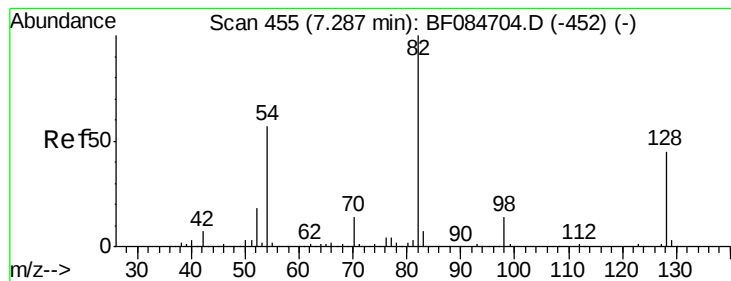
Abundance Ion 136.00 (135.70 to 136.70): E

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





#23

Nitrobenzene-d5

Concen: 96.40 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF084713.D

Acq: 1 Feb 2016 17:03

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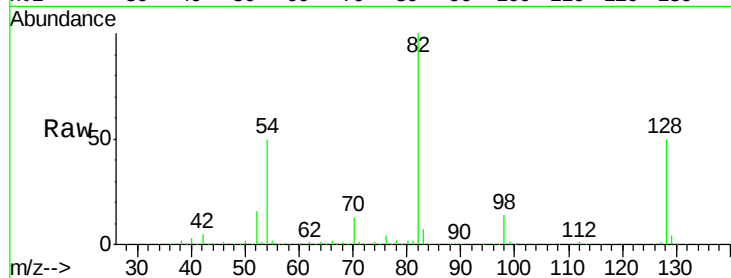
Tgt Ion: 82 Resp: 1306647

Ion Ratio Lower Upper

82 100

128 50.1 34.6 51.8

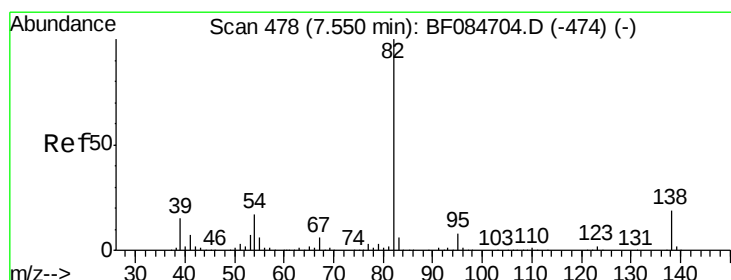
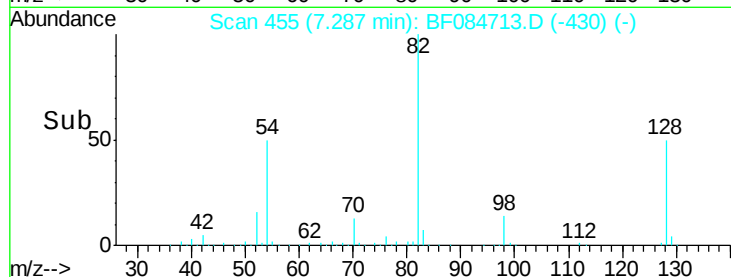
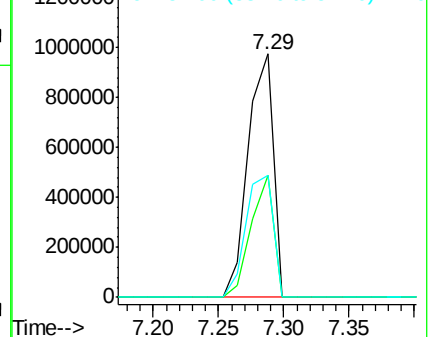
54 50.1 38.4 57.6



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



#25

Isophorone

Concen: 45.86 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.27 min

Lab File: BF084713.D

Acq: 1 Feb 2016 17:03

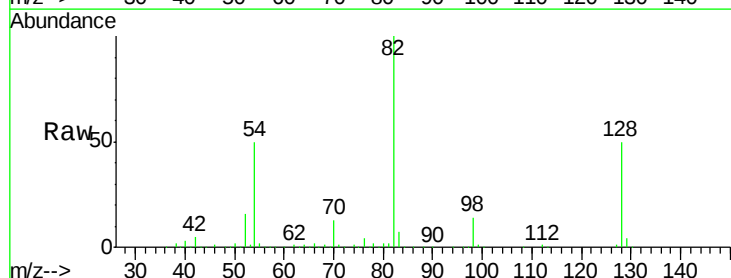
Tgt Ion: 82 Resp: 1208842

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

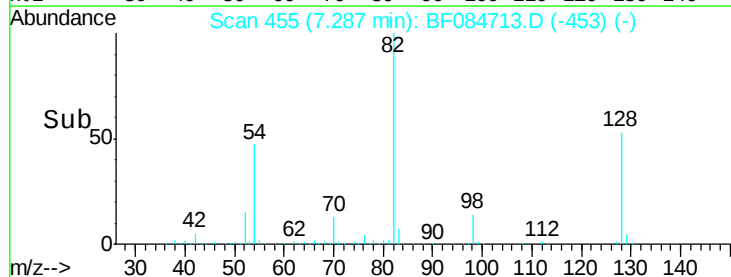
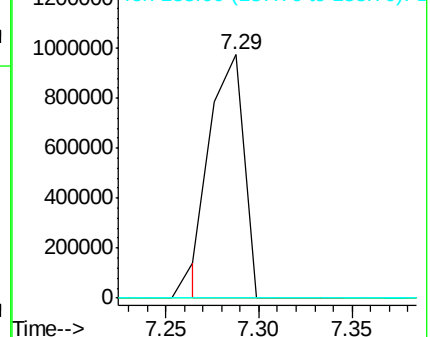
138 0.0 13.6 20.4#

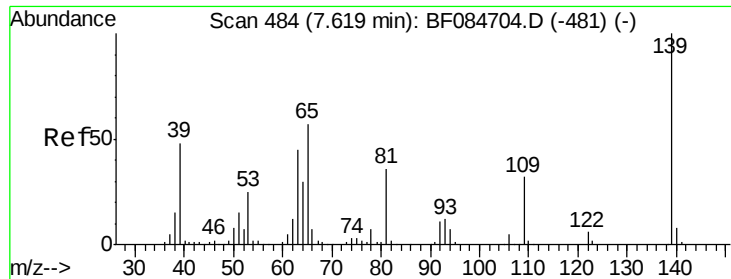


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

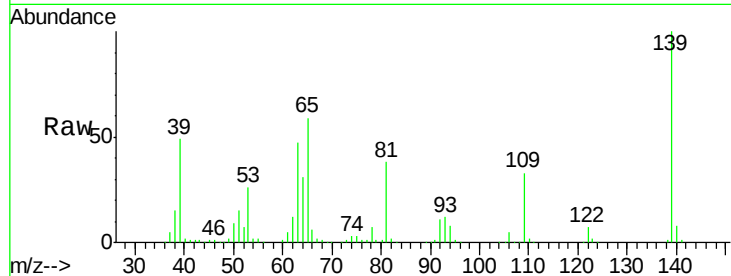




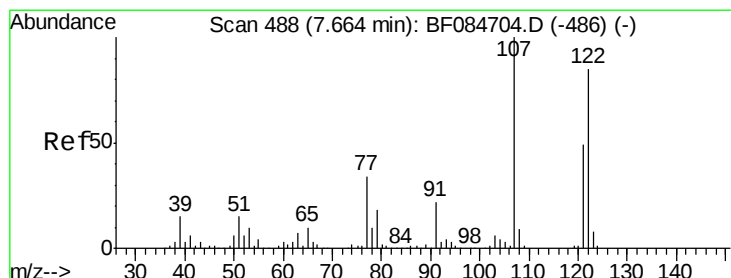
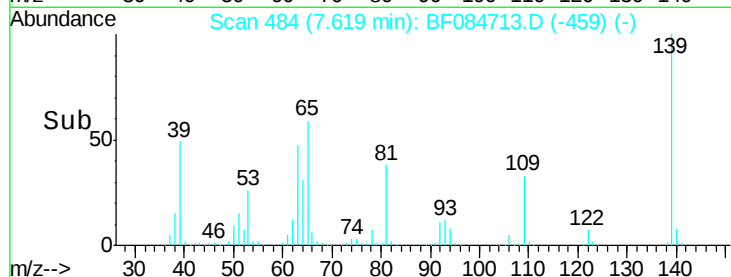
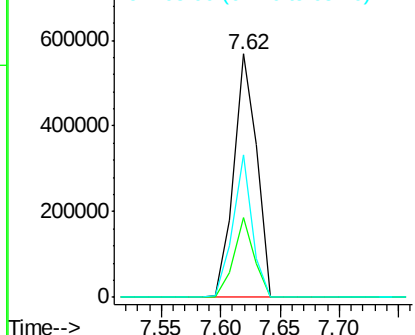
#26
 2-Nitrophenol
 Concen: 106.44 ng
 RT: 7.62 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: BF084713.D
 Acq: 1 Feb 2016 17:03

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Tgt Ion	Ratio	Lower	Upper
139	100		
109	32.5	25.4	38.2
65	58.6	32.3	48.5

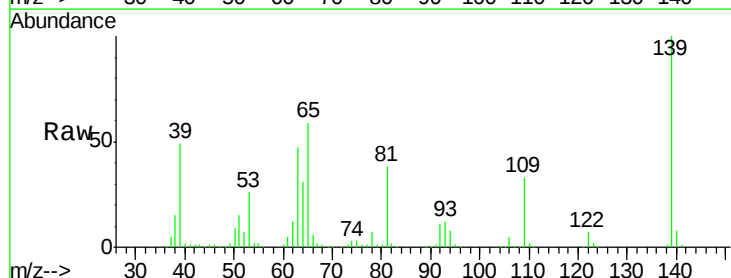


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): E

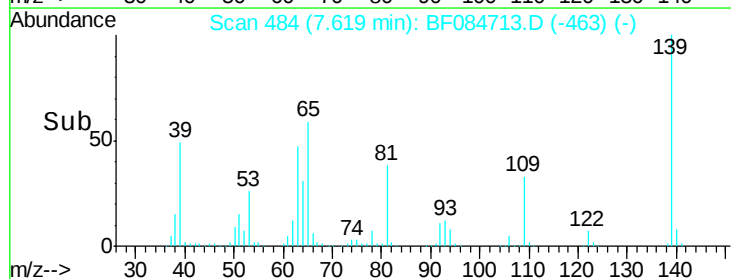
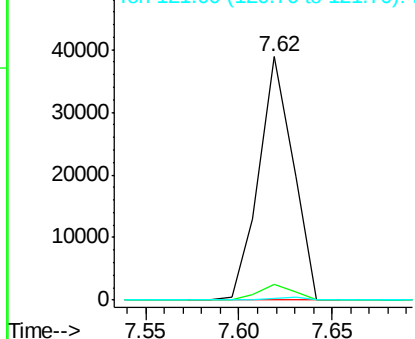


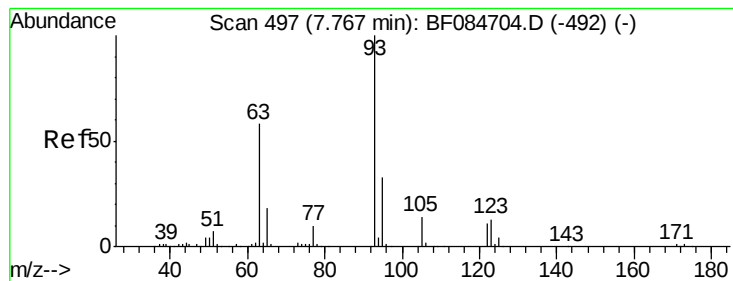
#27
 2,4-Dimethylphenol
 Concen: 3.96 ng
 RT: 7.62 min Scan# 484
 Delta R.T. -0.06 min
 Lab File: BF084713.D
 Acq: 1 Feb 2016 17:03

Tgt Ion	Ratio	Lower	Upper
122	100		
107	6.5	99.1	148.7
121	0.9	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: 5.17 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.16 min

Lab File: BF084713.D

Acq: 1 Feb 2016 17:03

Instrument :

BNA_F

ClientSampleId :

9035

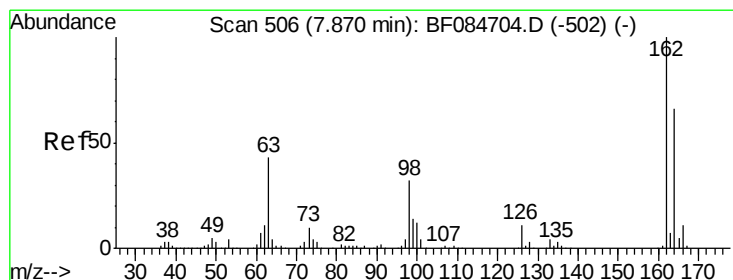
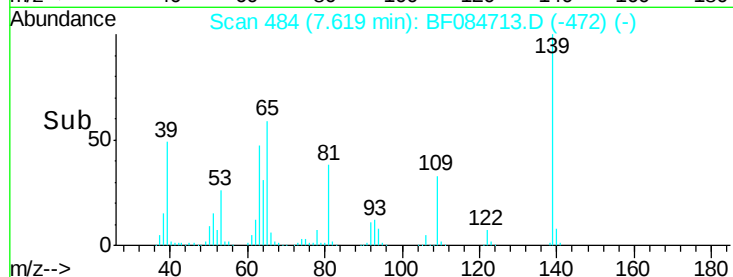
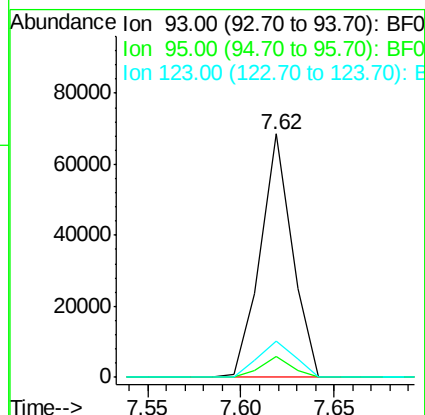
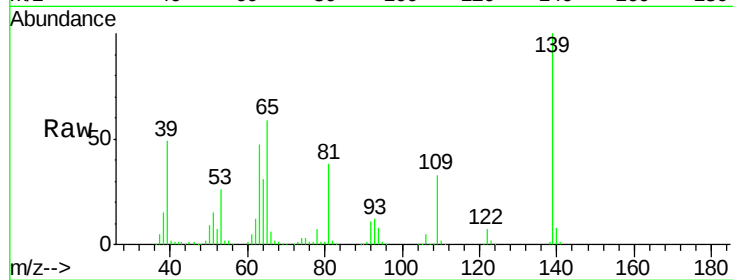
Tgt Ion: 93 Resp: 80879

Ion Ratio Lower Upper

93 100

95 8.4 25.8 38.6#

123 14.7 8.6 12.8#



#29

2,4-Dichlorophenol

Concen: 95.23 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF084713.D

Acq: 1 Feb 2016 17:03

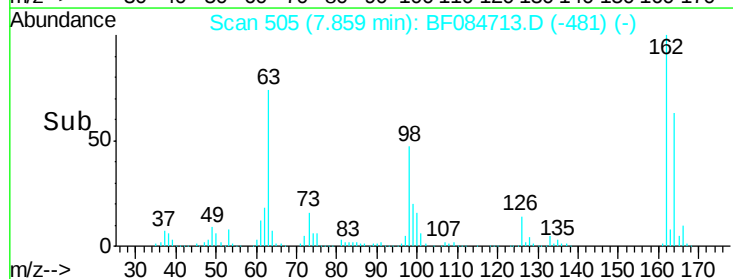
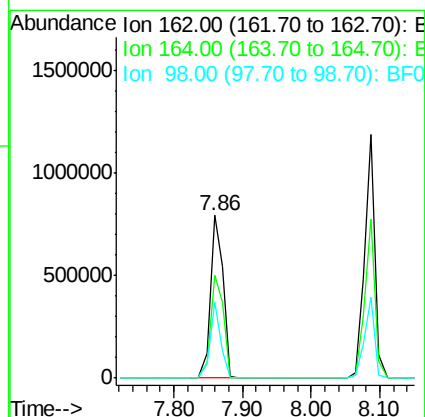
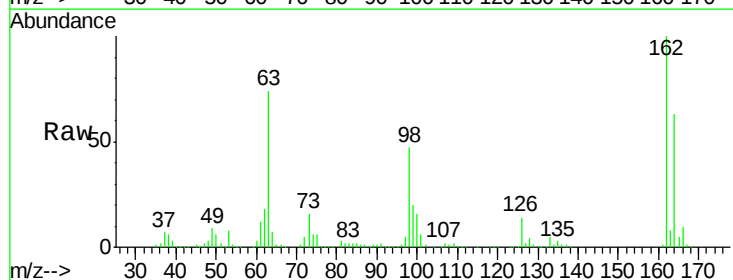
Tgt Ion: 162 Resp: 1014631

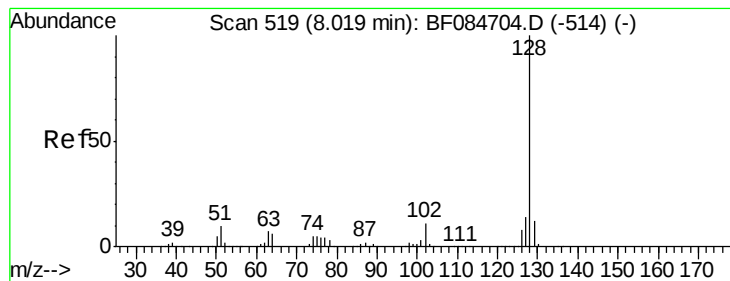
Ion Ratio Lower Upper

162 100

164 63.1 44.1 84.1

98 46.9 20.2 60.2





#31

Naphthalene

Concen: 2.58 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.06 min

Lab File: BF084713.D

Acq: 1 Feb 2016 17:03

Instrument :

BNA_F

ClientSampleId :

9035

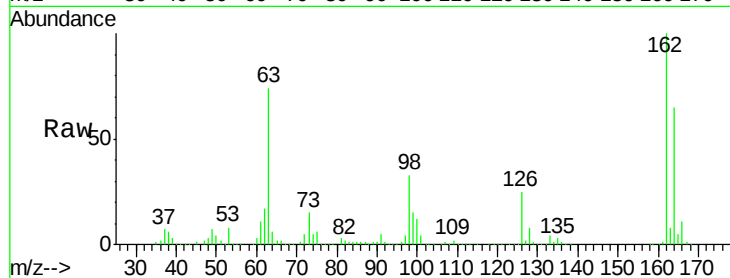
Tgt Ion:128 Resp: 98920

Ion Ratio Lower Upper

128 100

129 7.2 9.1 13.7#

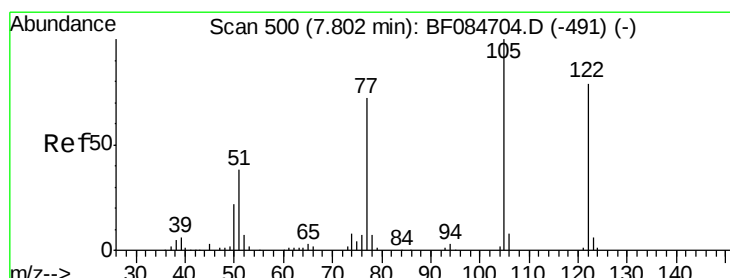
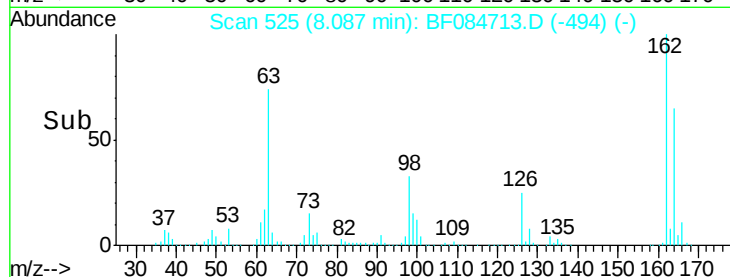
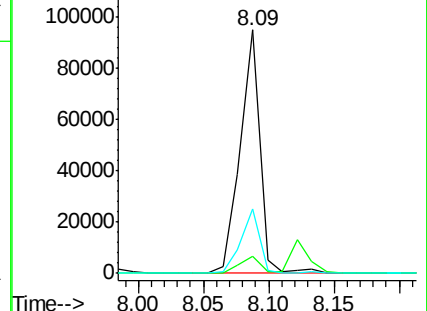
127 26.5 11.1 16.7#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.20 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.19 min

Lab File: BF084713.D

Acq: 1 Feb 2016 17:03

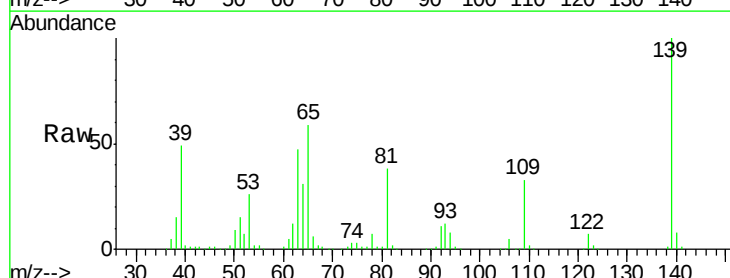
Tgt Ion:122 Resp: 49367

Ion Ratio Lower Upper

122 100

105 1.5 100.3 140.3#

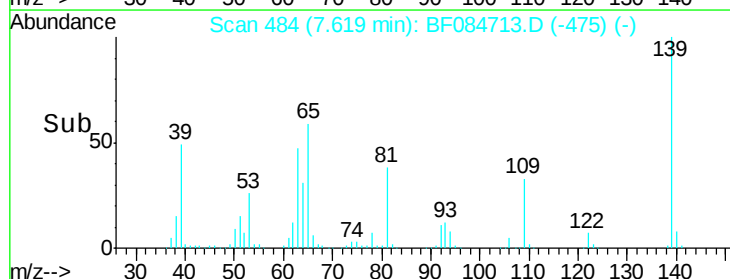
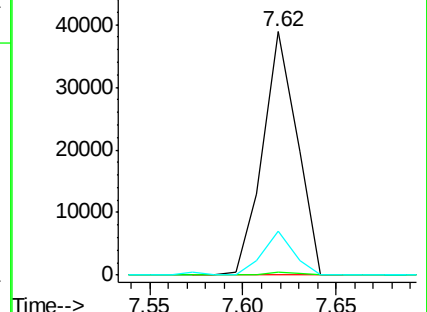
77 18.1 63.5 103.5#

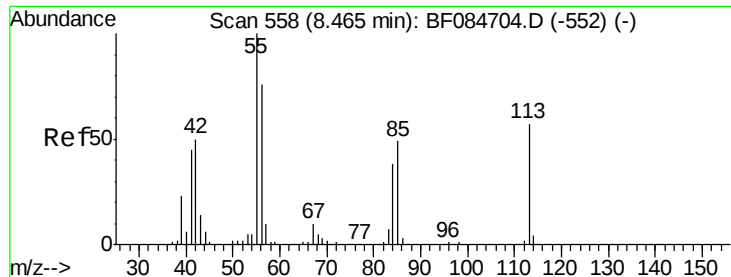


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

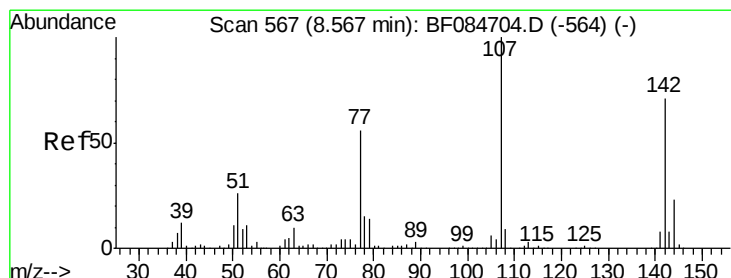
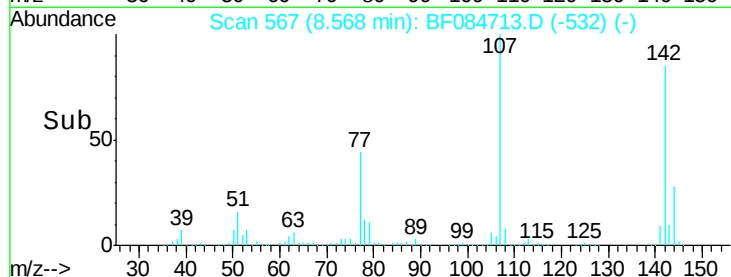
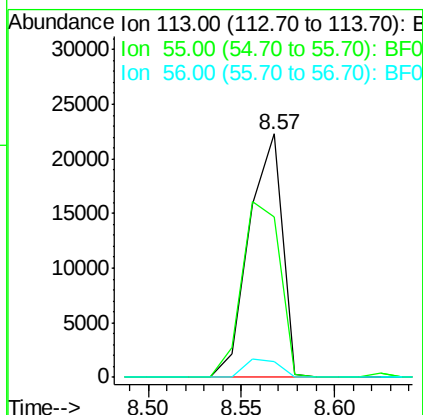
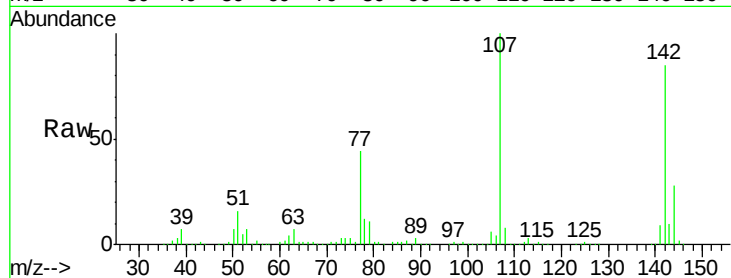




#35
 Caprolactam
 Concen: 8.48 ng
 RT: 8.57 min Scan# 567
 Delta R.T. 0.10 min
 Lab File: BF084713.D
 Acq: 1 Feb 2016 17:03

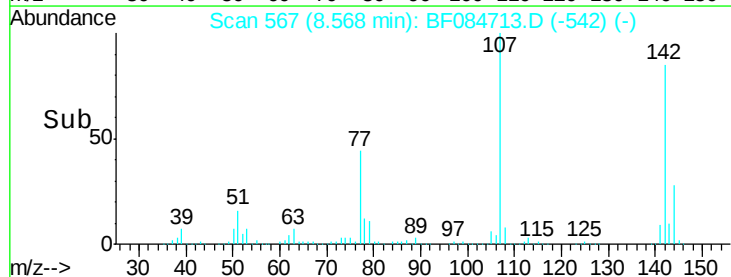
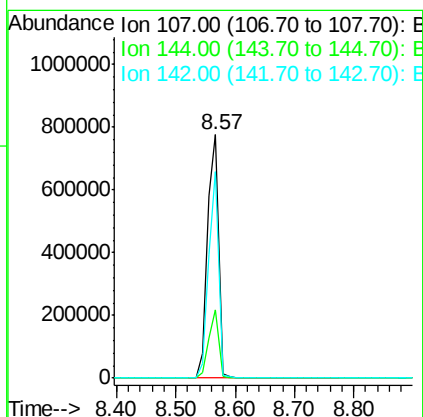
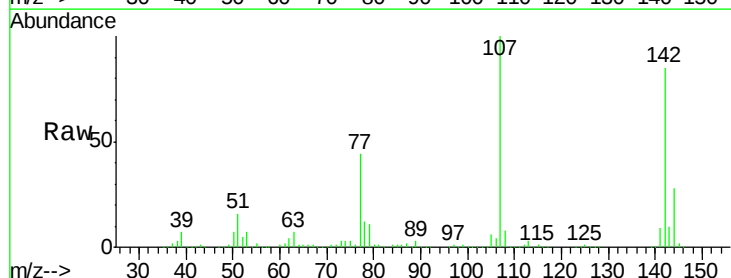
Instrument :
 BNA_F
 ClientSampleId :
 9035

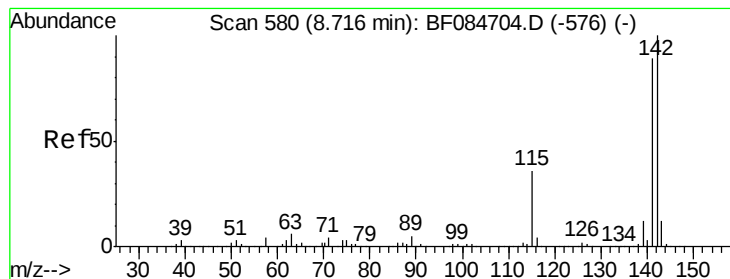
Tgt Ion:113 Resp: 27831
 Ion Ratio Lower Upper
 113 100
 55 66.0 116.9 156.9#
 56 6.3 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 82.48 ng
 RT: 8.57 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: BF084713.D
 Acq: 1 Feb 2016 17:03

Tgt Ion:107 Resp: 1002487
 Ion Ratio Lower Upper
 107 100
 144 28.1 19.7 29.5
 142 84.9 61.8 92.6





#37

2-Methylnaphthalene

Concen: 32.07 ng

RT: 8.57 min Scan# 567

Delta R.T. -0.16 min

Lab File: BF084713.D

Acq: 1 Feb 2016 17:03

Instrument :

BNA_F

ClientSampleId :

9035

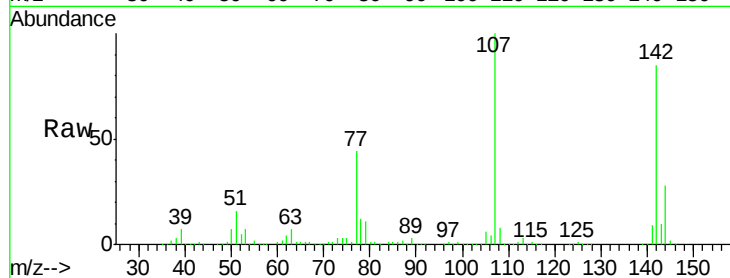
Tgt Ion:142 Resp: 768829

Ion Ratio Lower Upper

142 100

141 10.6 72.4 108.6#

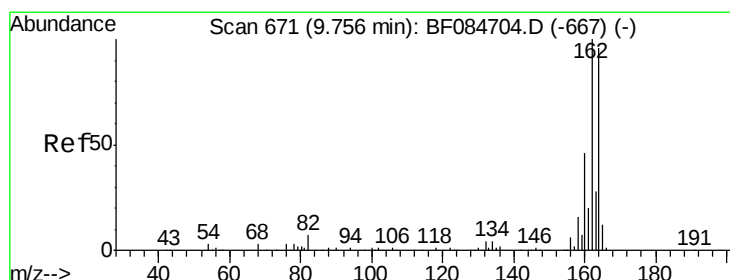
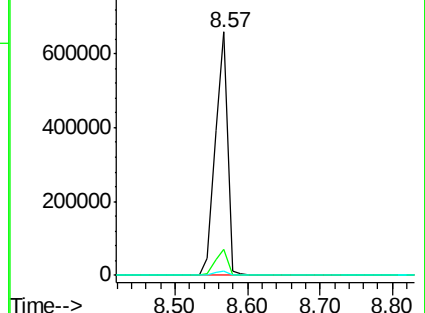
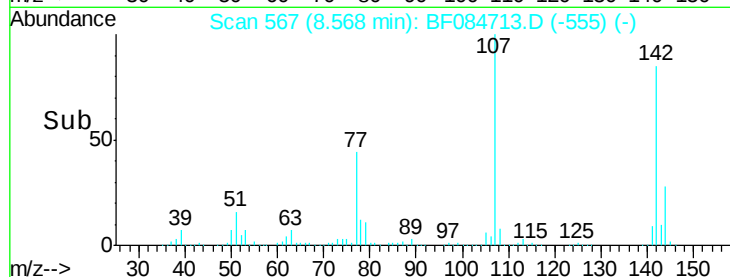
115 1.6 27.9 41.9#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF084713.D

Acq: 1 Feb 2016 17:03

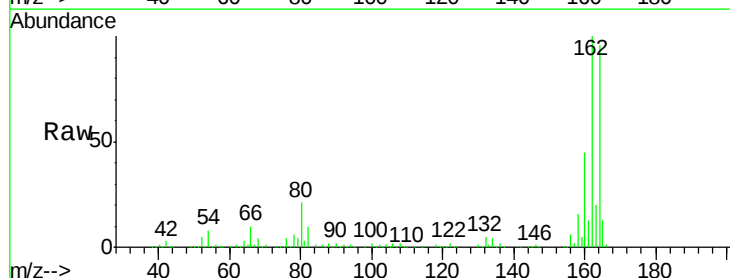
Tgt Ion:164 Resp: 360687

Ion Ratio Lower Upper

164 100

162 104.4 85.1 127.7

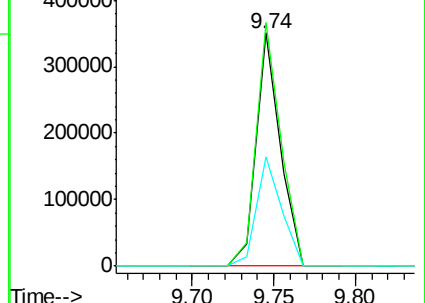
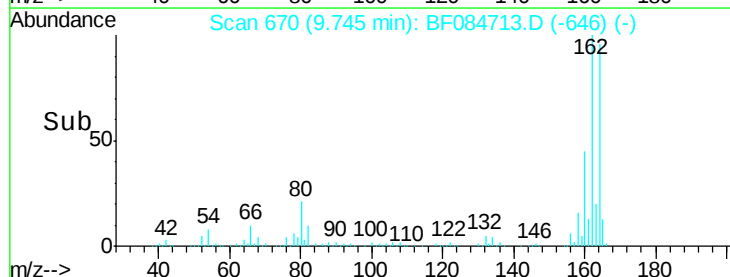
160 46.8 37.5 56.3

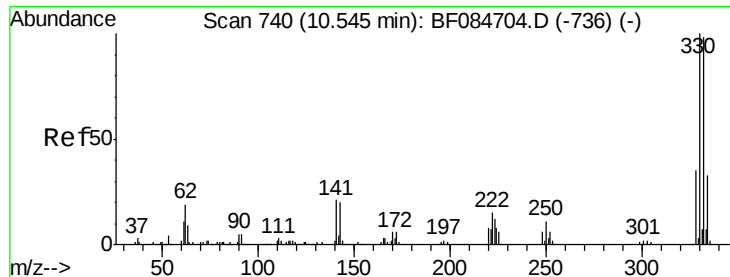


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

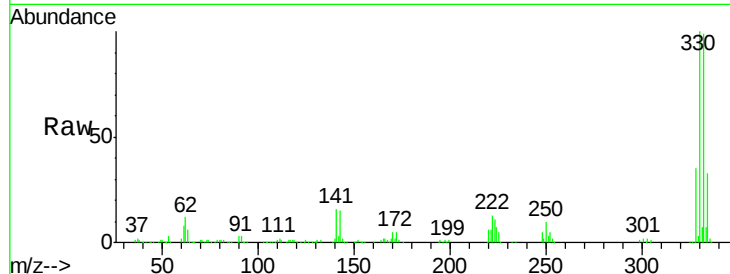




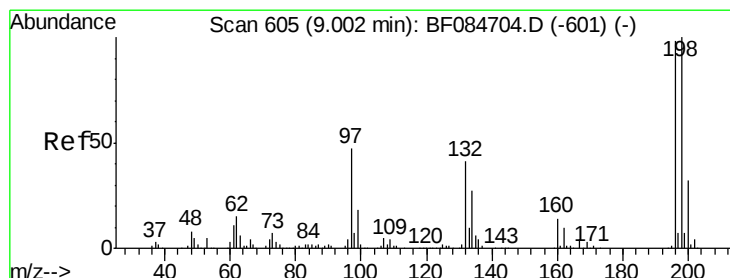
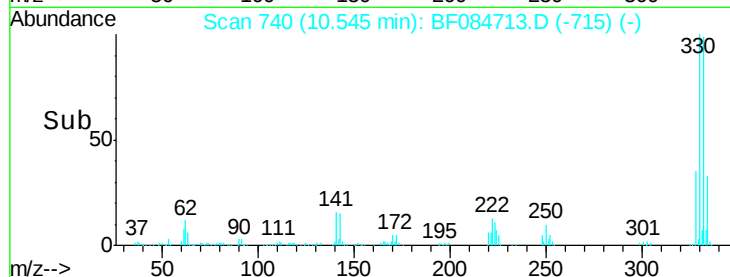
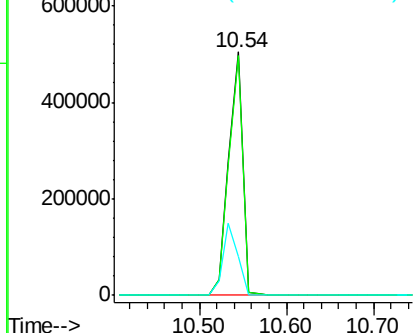
#41
 2,4,6-Tribromophenol
 Concen: 151.78 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084713.D
 Acq: 1 Feb 2016 17:03

Instrument :
 BNA_F
 ClientSampleId :
 9035

Tgt Ion:330 Resp: 571040
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 114.8
 141 32.0 27.8 41.6

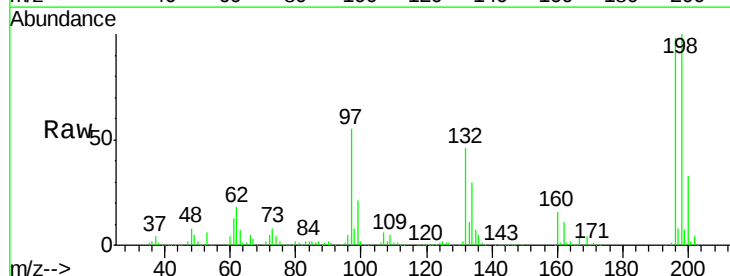


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

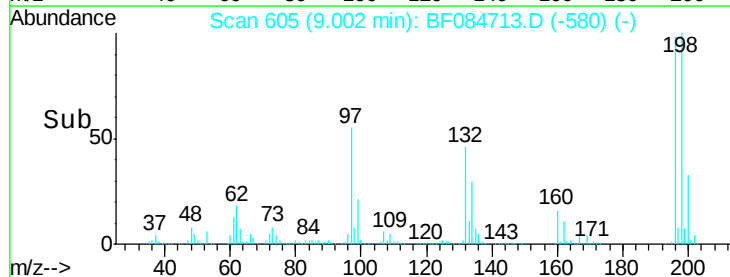
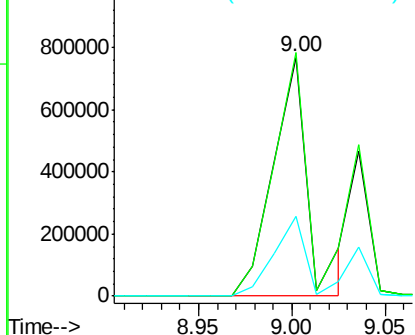


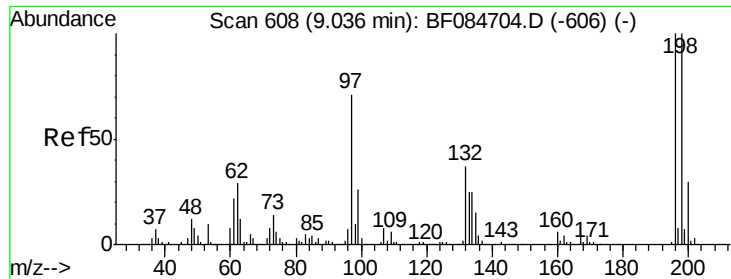
#42
 2,4,6-Trichlorophenol
 Concen: 136.51 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF084713.D
 Acq: 1 Feb 2016 17:03

Tgt Ion:196 Resp: 1007455
 Ion Ratio Lower Upper
 196 100
 198 102.0 77.7 116.5
 200 33.3 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

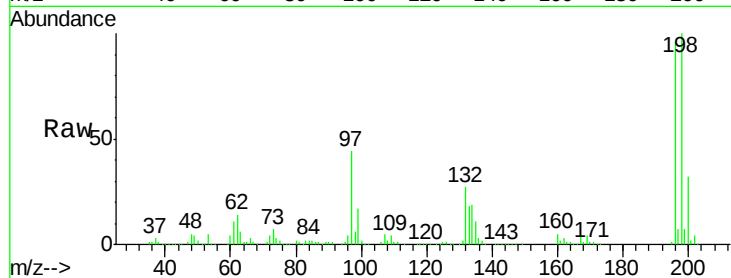




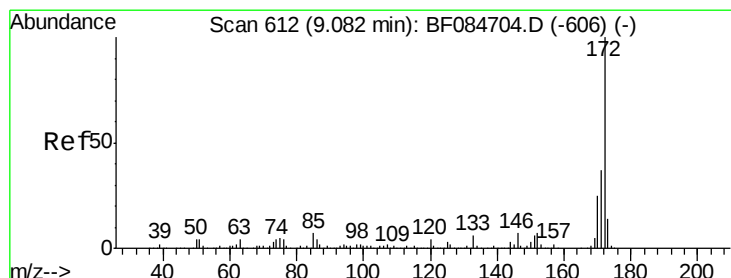
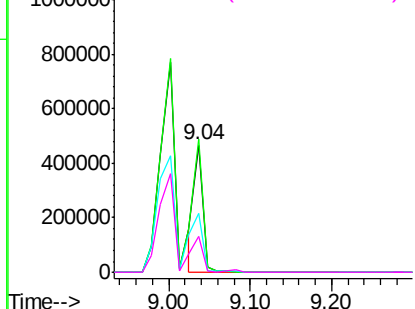
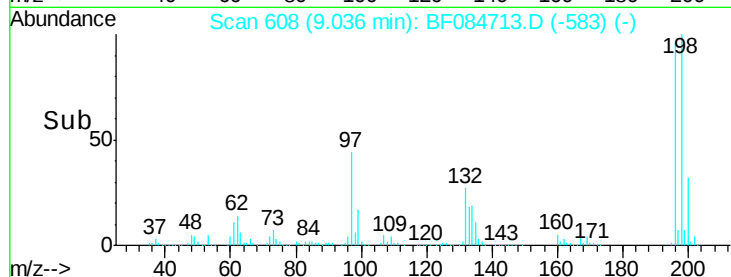
#43
 2,4,5-Trichlorophenol
 Concen: 45.77 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF084713.D
 Acq: 1 Feb 2016 17:03

Instrument :
 BNA_F
 ClientSampled :
 9035

Tgt Ion:196 Resp: 343234
 Ion Ratio Lower Upper
 196 100
 198 104.2 79.0 118.6
 97 45.9 33.0 49.6
 132 28.7 21.1 31.7

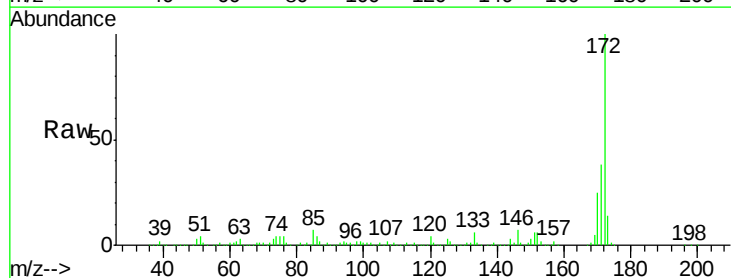


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

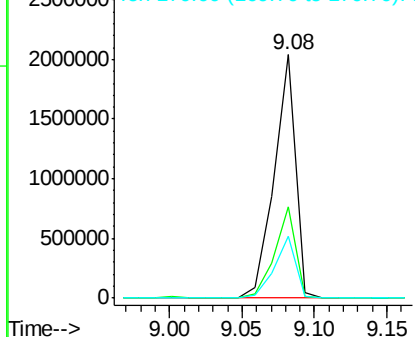
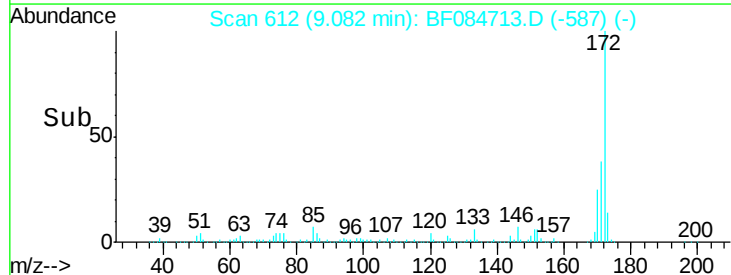


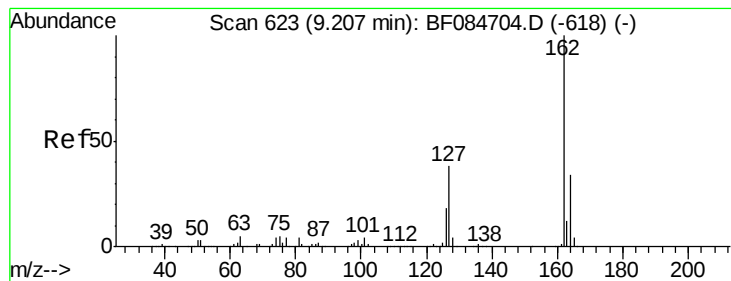
#44
 2-Fluorobiphenyl
 Concen: 106.35 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF084713.D
 Acq: 1 Feb 2016 17:03

Tgt Ion:172 Resp: 2086432
 Ion Ratio Lower Upper
 172 100
 171 37.6 28.9 43.3
 170 25.5 18.6 27.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#46

2-Chloronaphthalene

Concen: 4.34 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.22 min

Lab File: BF084713.D

Acq: 1 Feb 2016 17:03

Instrument :

BNA_F

ClientSampleId :

9035

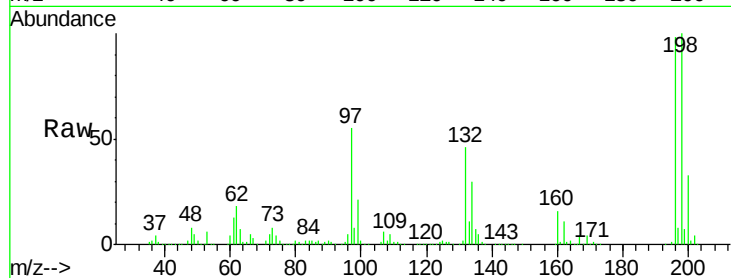
Tgt Ion:162 Resp: 102952

Ion Ratio Lower Upper

162 100

127 7.4 40.2 60.4#

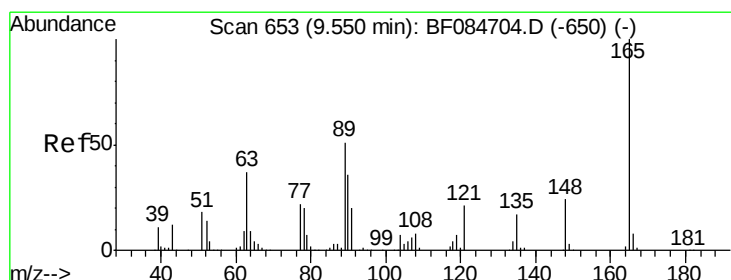
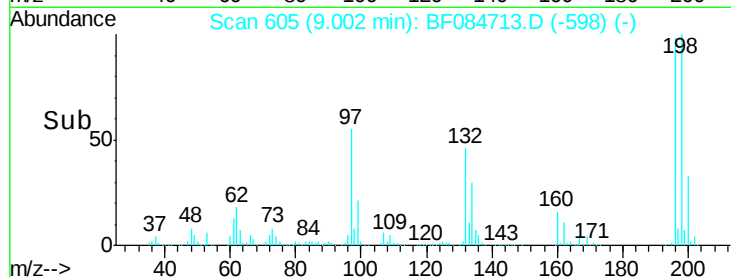
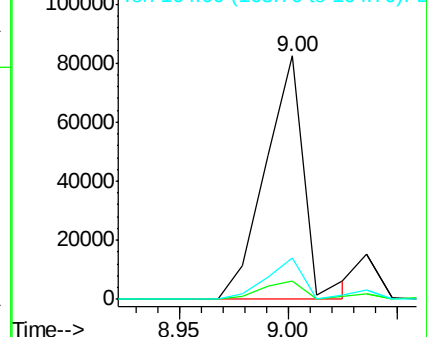
164 17.0 25.7 38.5#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 7.80 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.18 min

Lab File: BF084713.D

Acq: 1 Feb 2016 17:03

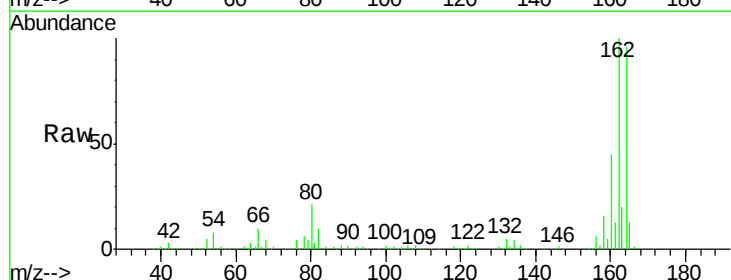
Tgt Ion:165 Resp: 46792

Ion Ratio Lower Upper

165 100

63 1.1 28.8 43.2#

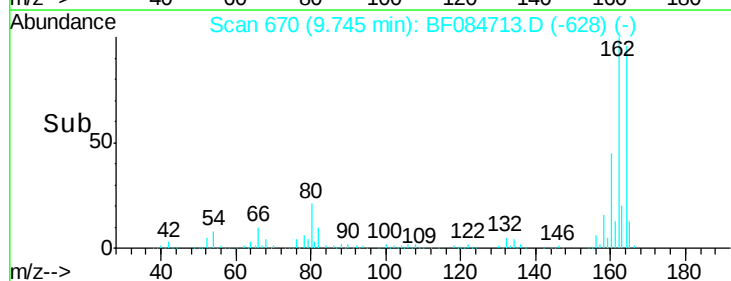
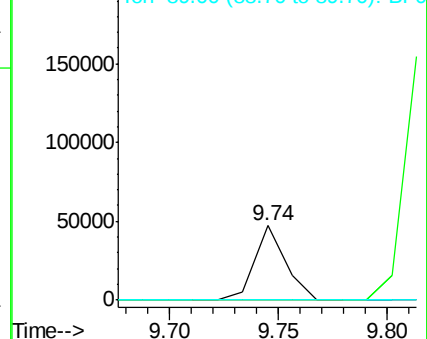
89 1.4 35.1 52.7#

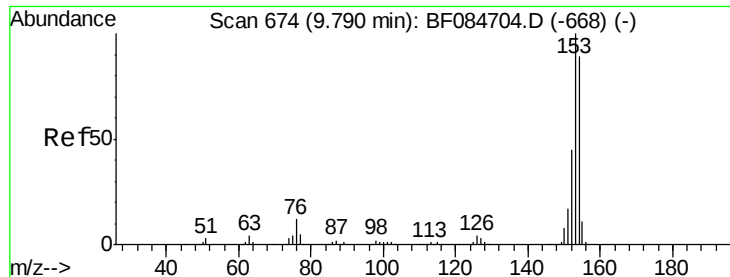


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 12.08 ng

RT: 9.82 min Scan# 677

Delta R.T. 0.02 min

Lab File: BF084713.D

Acq: 1 Feb 2016 17:03

Instrument :

BNA_F

ClientSampleId :

9035

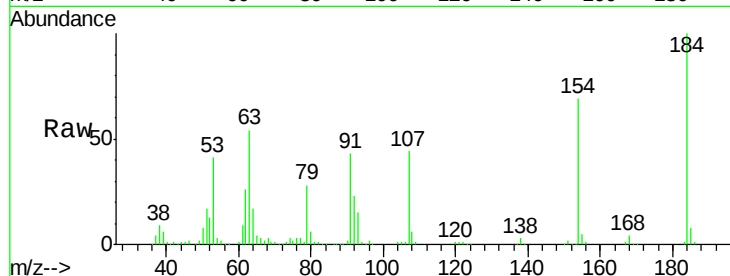
Tgt Ion:154 Resp: 283010

Ion Ratio Lower Upper

154 100

153 0.5 91.5 137.3#

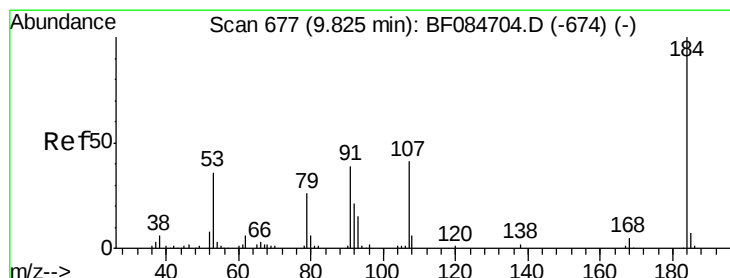
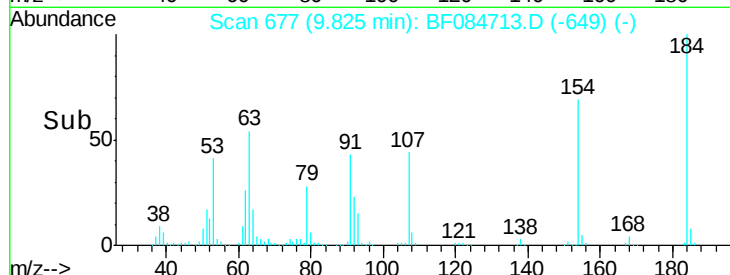
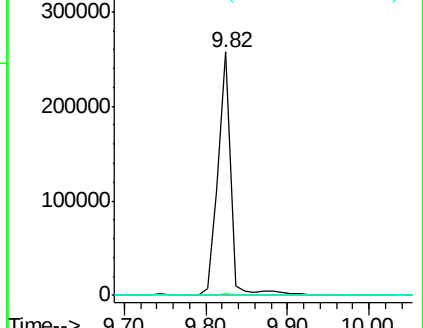
152 0.4 43.0 64.6#



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



#53

2,4-Dinitrophenol

Concen: 139.38 ng

RT: 9.82 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF084713.D

Acq: 1 Feb 2016 17:03

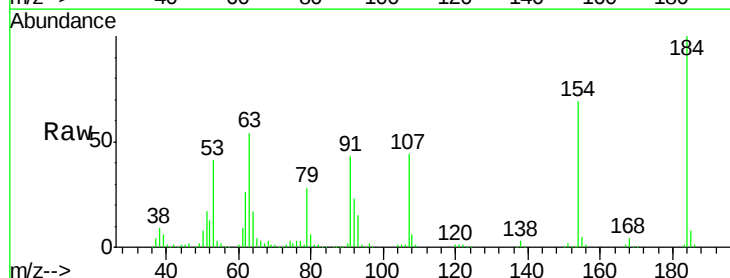
Tgt Ion:184 Resp: 398934

Ion Ratio Lower Upper

184 100

63 54.1 43.1 64.7

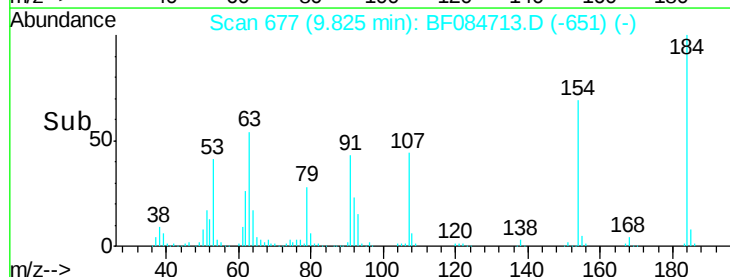
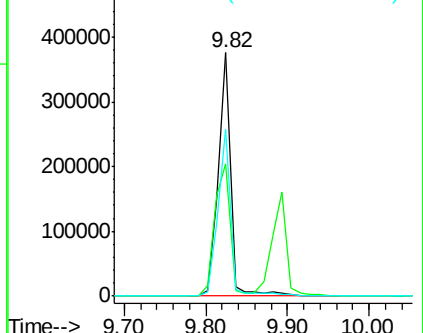
154 68.6 60.5 90.7

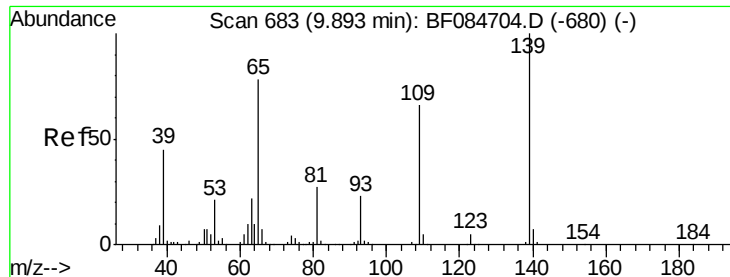


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#55

4-Nitrophenol

Concen: 129.26 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF084713.D

Acq: 1 Feb 2016 17:03

Instrument :

BNA_F

ClientSampleId :

9035

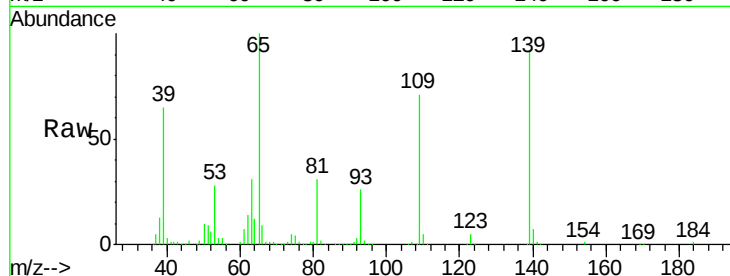
Tgt Ion:139 Resp: 640611

Ion Ratio Lower Upper

139 100

109 77.4 58.5 98.5

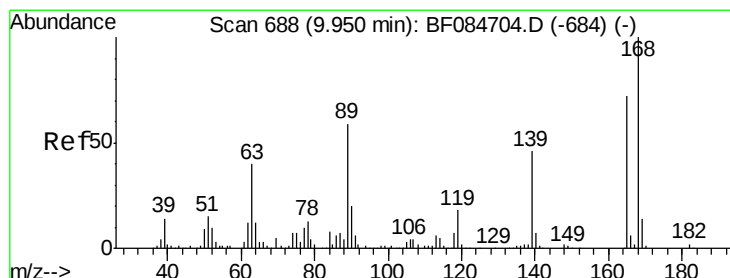
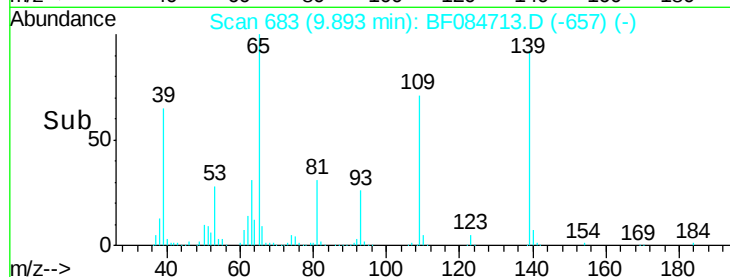
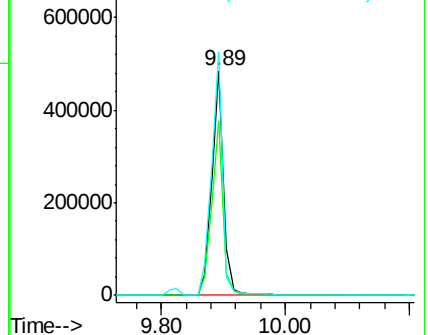
65 108.3 57.6 97.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 6.11 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.22 min

Lab File: BF084713.D

Acq: 1 Feb 2016 17:03

Tgt Ion:165 Resp: 46792

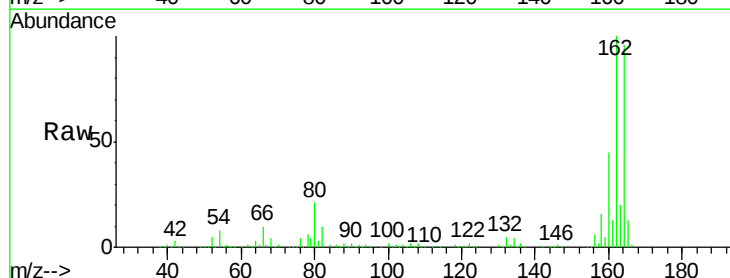
Ion Ratio Lower Upper

165 100

63 1.1 36.7 55.1#

89 1.4 61.9 92.9#

182 0.0 2.0 3.0#

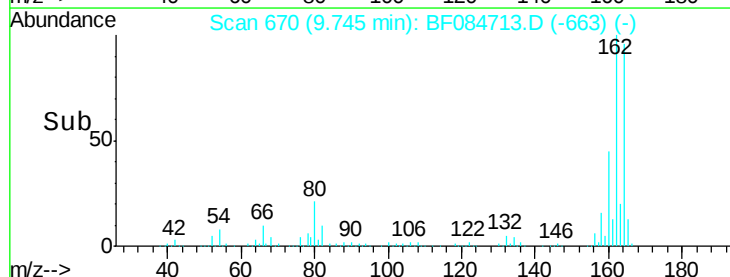
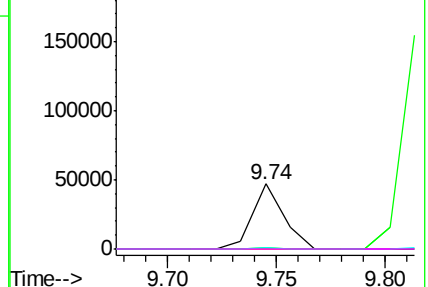


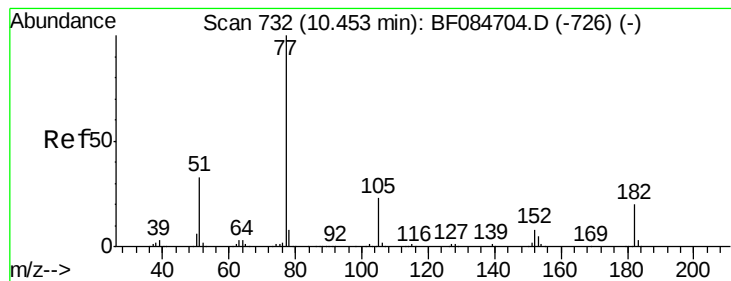
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#62

Azobenzene

Concen: 2.69 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.11 min

Lab File: BF084713.D

Acq: 1 Feb 2016 17:03

Instrument :

BNA_F

ClientSampleId :

9035

Tgt Ion: 77 Resp: 69267

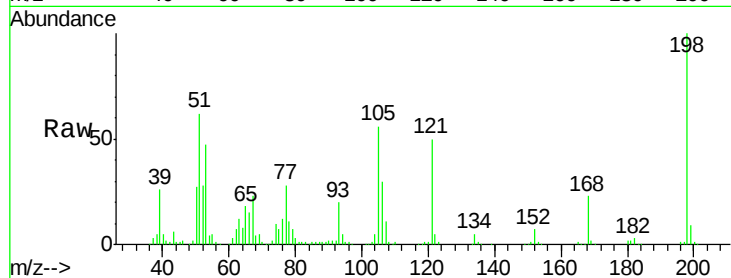
Ion Ratio Lower Upper

77 100

182 10.8 8.3 48.3

105 198.8 4.6 44.6#

51 221.6 6.2 46.2#

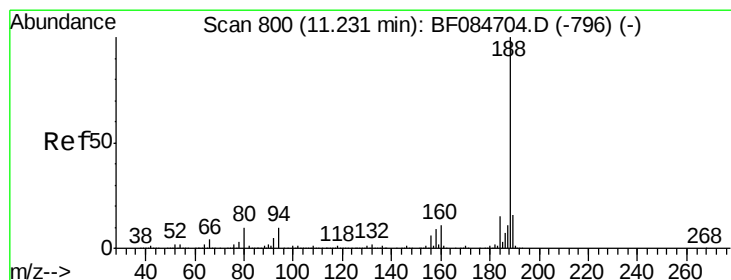
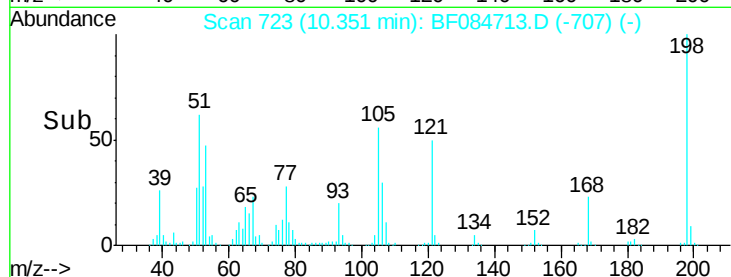
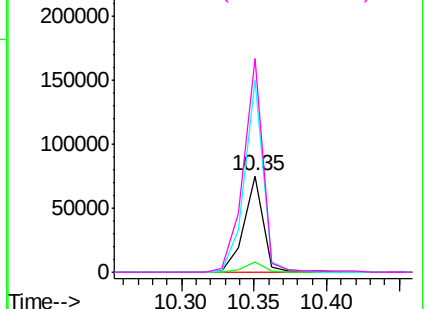


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.23 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF084713.D

Acq: 1 Feb 2016 17:03

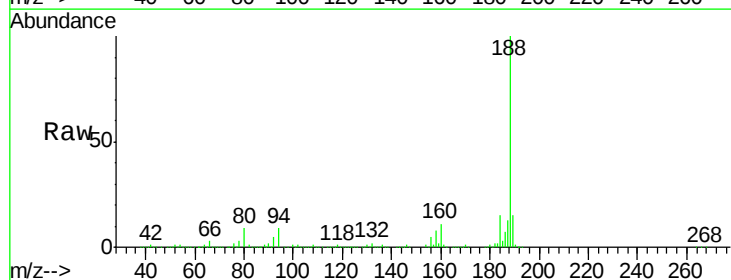
Tgt Ion: 188 Resp: 728732

Ion Ratio Lower Upper

188 100

94 8.7 9.0 13.4#

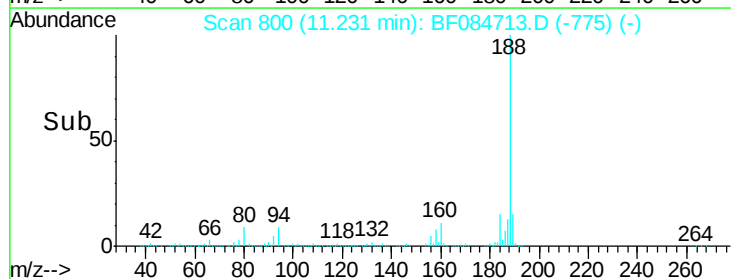
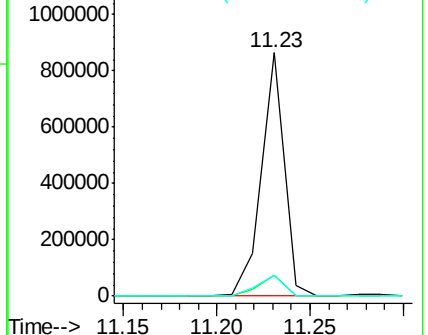
80 8.8 9.6 14.4#

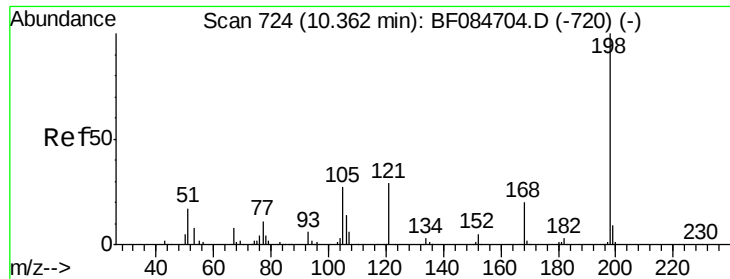


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

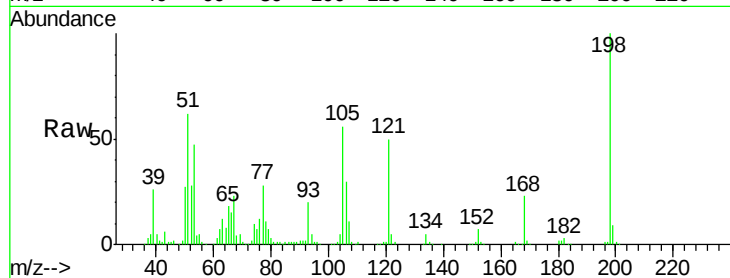




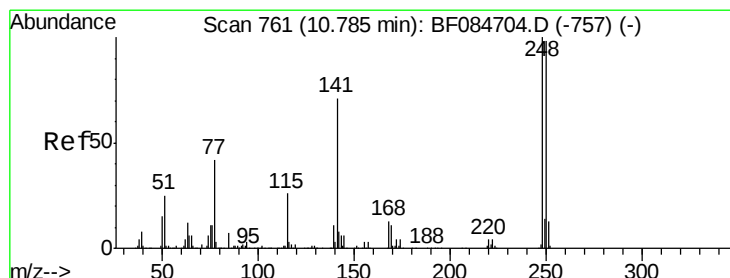
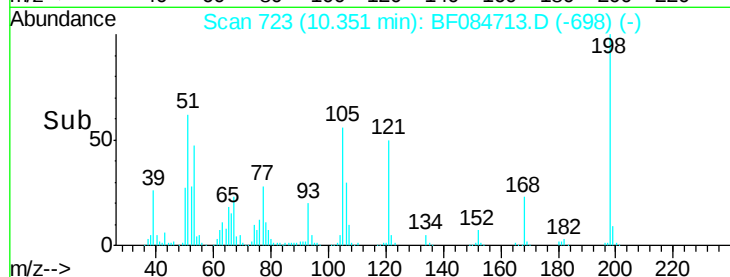
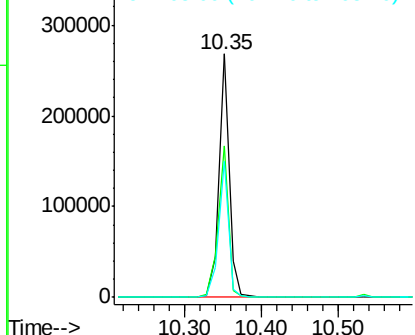
#64
 4,6-Dinitro-2-methylphenol
 Concen: 55.50 ng
 RT: 10.35 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF084713.D
 Acq: 1 Feb 2016 17:03

Instrument :
 BNA_F
 ClientSampleId :
 9035

Tgt Ion:198 Resp: 249631
 Ion Ratio Lower Upper
 198 100
 51 62.1 18.9 58.9#
 105 55.7 26.4 66.4

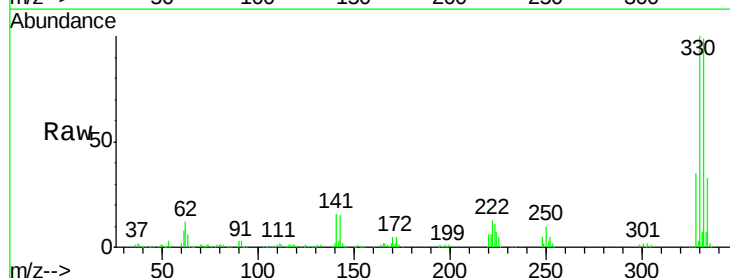


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

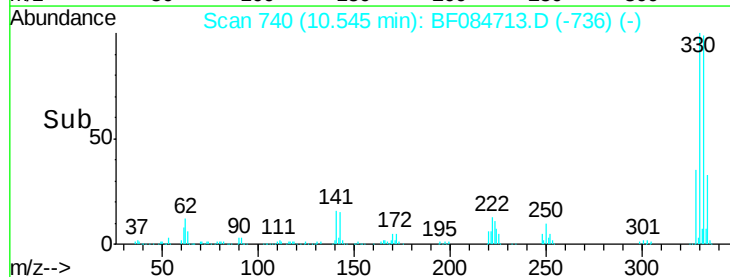
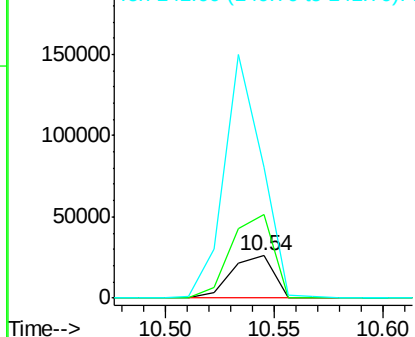


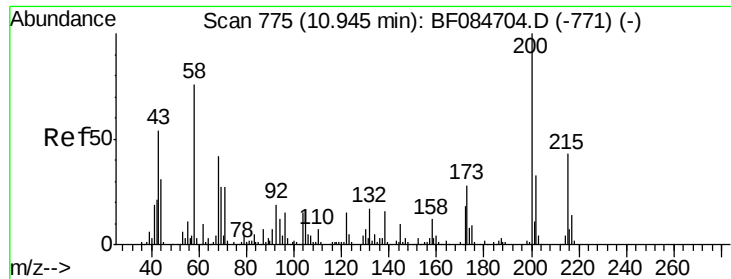
#66
 4-Bromophenyl-phenylether
 Concen: 4.39 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.25 min
 Lab File: BF084713.D
 Acq: 1 Feb 2016 17:03

Tgt Ion:248 Resp: 35306
 Ion Ratio Lower Upper
 248 100
 250 197.7 78.4 117.6#
 141 307.6 44.0 66.0#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

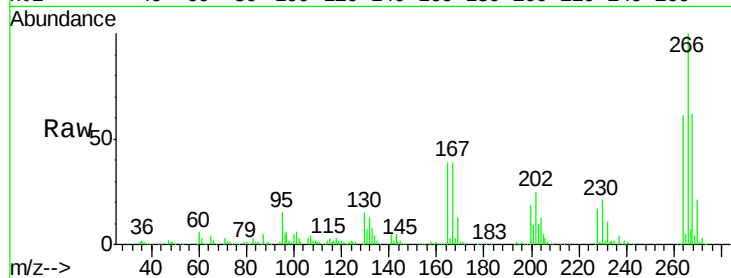




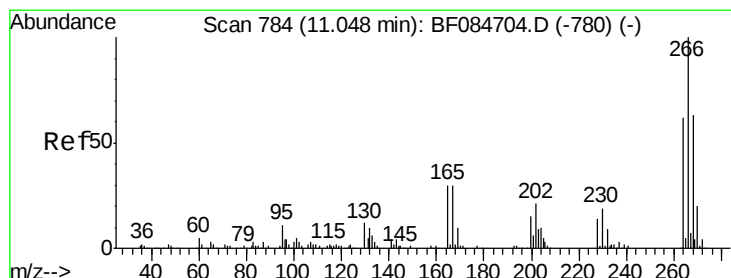
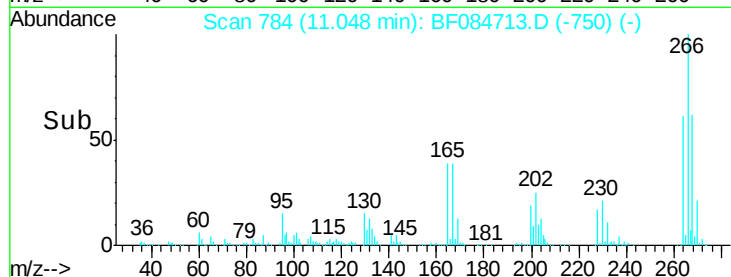
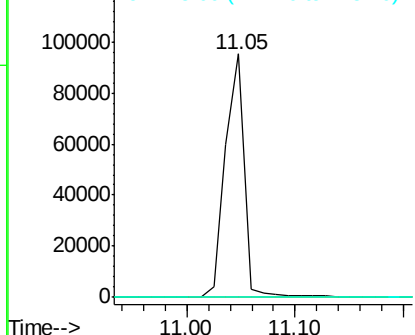
#68
Atrazine
Concen: 15.69 ng
RT: 11.05 min Scan# 784
Delta R.T. 0.09 min
Lab File: BF084713.D
Acq: 1 Feb 2016 17:03

Instrument :
BNA_F
ClientSampleId :
9035

Tgt Ion:200 Resp: 114668
Ion Ratio Lower Upper
200 100
173 0.0 9.5 49.5#
215 0.0 23.8 63.8#

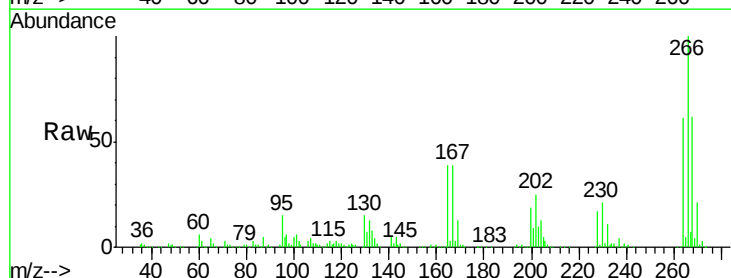


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

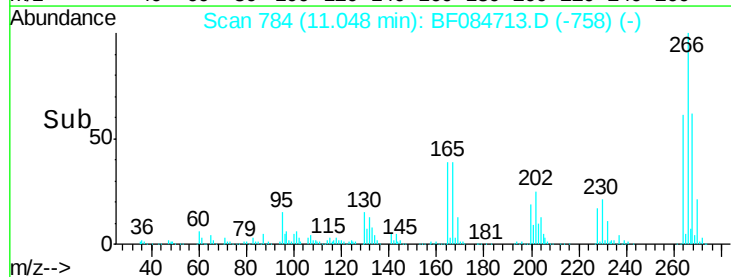
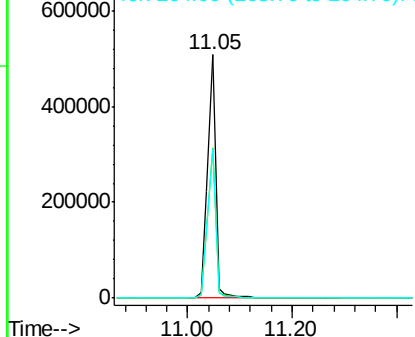


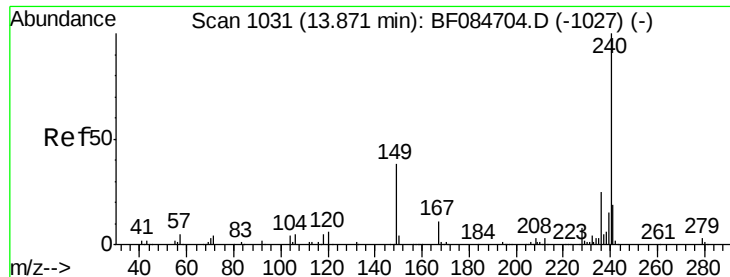
#69
Pentachlorophenol
Concen: 132.90 ng
RT: 11.05 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF084713.D
Acq: 1 Feb 2016 17:03

Tgt Ion:266 Resp: 547760
Ion Ratio Lower Upper
266 100
268 61.6 52.4 78.6
264 61.1 50.2 75.2



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF084713.D

Acq: 1 Feb 2016 17:03

Instrument :

BNA_F

ClientSampleId :
9035

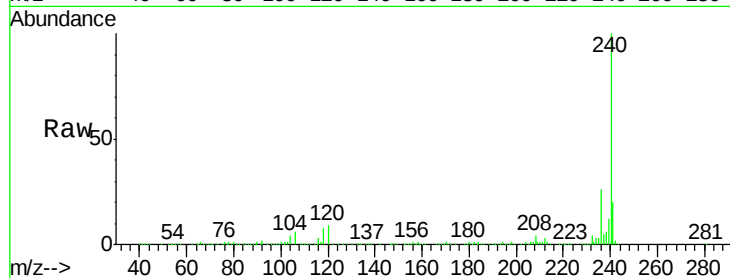
Tgt Ion:240 Resp: 649783

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

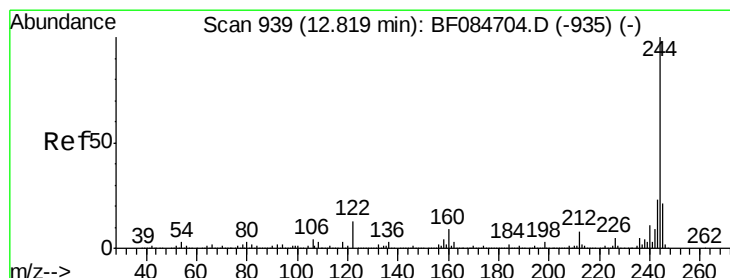
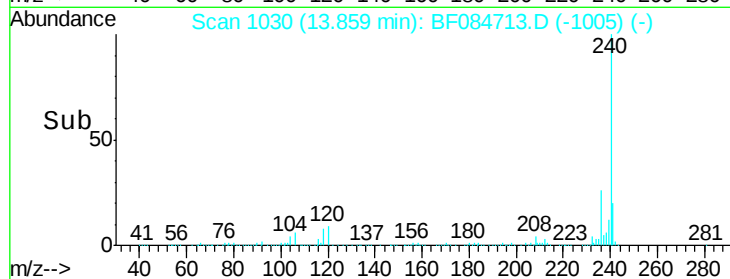
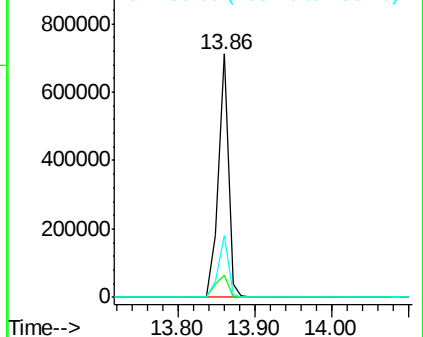
236 25.6 20.6 31.0



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



#78

Terphenyl-d14

Concen: 70.56 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF084713.D

Acq: 1 Feb 2016 17:03

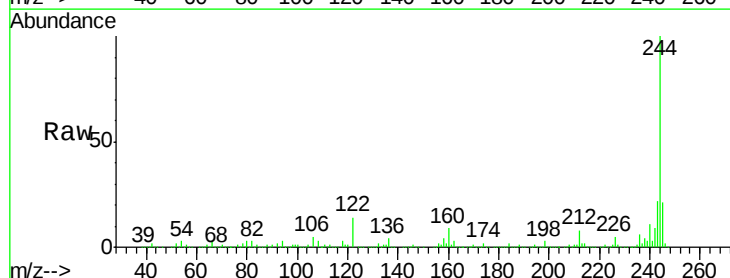
Tgt Ion:244 Resp: 2023331

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

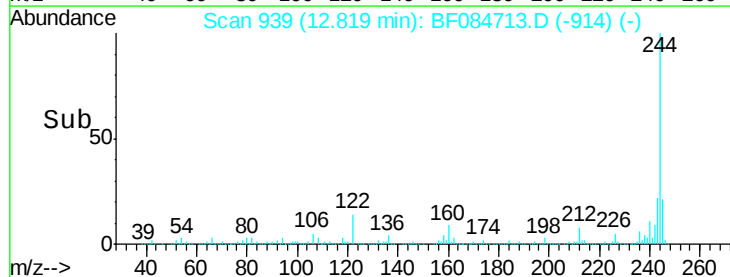
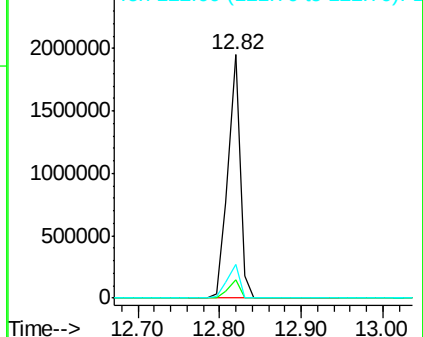
122 13.7 7.4 11.0#

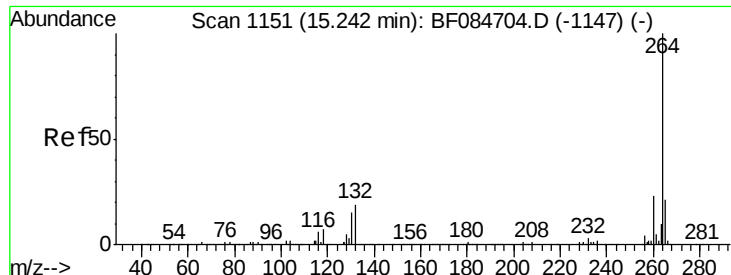


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

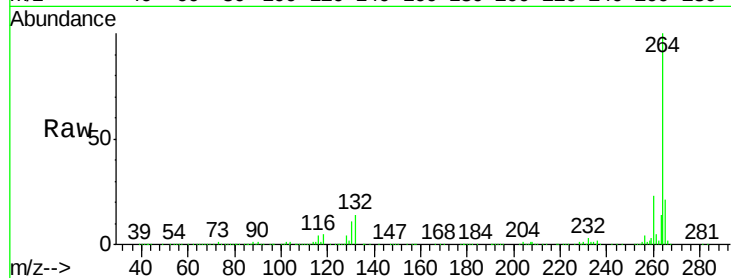




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF084713.D
Acq: 1 Feb 2016 17:03

Instrument :
BNA_F
ClientSampleId :
9035

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	21.2	17.8	26.6



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

