

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032516\
 Data File : BF085784.D
 Acq On : 26 Mar 2016 2:00
 Operator : UM/SJ
 Sample : H1834-12
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3

Quant Time: Mar 26 02:20:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	110969	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	291012	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	130789	20.00	ng	0.01
63) Phenanthrene-d10	11.36	188	203064	20.00	ng	0.01
75) Chrysene-d12	13.98	240	225943	20.00	ng	0.00
86) Perylene-d12	15.40	264	181337	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	828248	124.30	ng	0.02
7) Phenol-d6	6.47	99	1066754	125.92	ng	0.01
23) Nitrobenzene-d5	7.40	82	573951	111.06	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	144159	116.01	ng	0.01
44) 2-Fluorobiphenyl	9.20	172	857529	109.54	ng	0.01
78) Terphenyl-d14	12.93	244	589143	53.63	ng	0.00

Target Compounds

						Qvalue
9) Benzaldehyde	6.34	77	11698	2.29	ng	# 21
15) Benzyl Alcohol	6.98	79	22709	4.02	ng	# 48
18) Hexachloroethane	7.33	117	65923	21.29	ng	# 1
19) n-Nitroso-di-n-propylamine	7.26	70	38991	7.69	ng	# 65
22) Acetophenone	7.22	105	43676	6.44	ng	# 1
24) Nitrobenzene	7.37	77	67835	12.73	ng	# 29
25) Isophorone	7.64	82	83618	8.40	ng	# 1
26) 2-Nitrophenol	7.74	139	11053	4.15	ng	# 1
27) 2,4-Dimethylphenol	7.77	122	10561	2.27	ng	# 1
28) bis(2-Chloroethoxy)methane	7.89	93	24024	4.24	ng	# 1
31) Naphthalene	8.14	128	110786	7.56	ng	# 1
32) Benzoic acid	7.91	122	8821	2.85	ng	# 14
33) 4-Chloroaniline	8.14	127	38717	6.47	ng	# 1
35) Caprolactam	8.55	113	114930	82.85	ng	# 50
36) 4-Chloro-3-methylphenol	8.64	107	16757	3.66	ng	# 24
37) 2-Methylnaphthalene	8.84	142	148775	14.41	ng	# 96
42) 2,4,6-Trichlorophenol	9.11	196	6122	2.34	ng	# 13
43) 2,4,5-Trichlorophenol	9.16	196	5588	2.03	ng	# 1
45) 1,1'-Biphenyl	9.29	154	27468	2.49	ng	# 88
47) 2-Nitroaniline	9.59	65	34256	13.80	ng	# 89
48) Acenaphthylene	9.74	152	26964	2.04	ng	# 1
49) Dimethylphthalate	9.59	163	92903	9.36	ng	# 63
50) 2,6-Dinitrotoluene	9.65	165	21222	9.94	ng	# 68
51) Acenaphthene	9.91	154	55412	6.86	ng	# 72
52) 3-Nitroaniline	9.83	138	16541	6.77	ng	# 29
53) 2,4-Dinitrophenol	9.92	184	826	6.75	ng	# 1
54) Dibenzofuran	10.08	168	26508	2.54	ng	# 1
55) 4-Nitrophenol	9.98	139	56668	35.58	ng	# 54
56) 2,4-Dinitrotoluene	10.08	165	24224	8.92	ng	# 64
57) Fluorene	10.42	166	104711	12.05	ng	# 93
61) 4-Nitroaniline	10.29	138	5975	2.56	ng	# 95
65) n-Nitrosodiphenylamine	10.54	169	281428	43.76	ng	# 50
68) Atrazine	11.05	200	6453	2.97	ng	# 6
69) Pentachlorophenol	11.19	266	3081	2.89	ng	# 17

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QLast Update : Thu Mar 24 14:15:39 2016
Response via : Initial Calibration

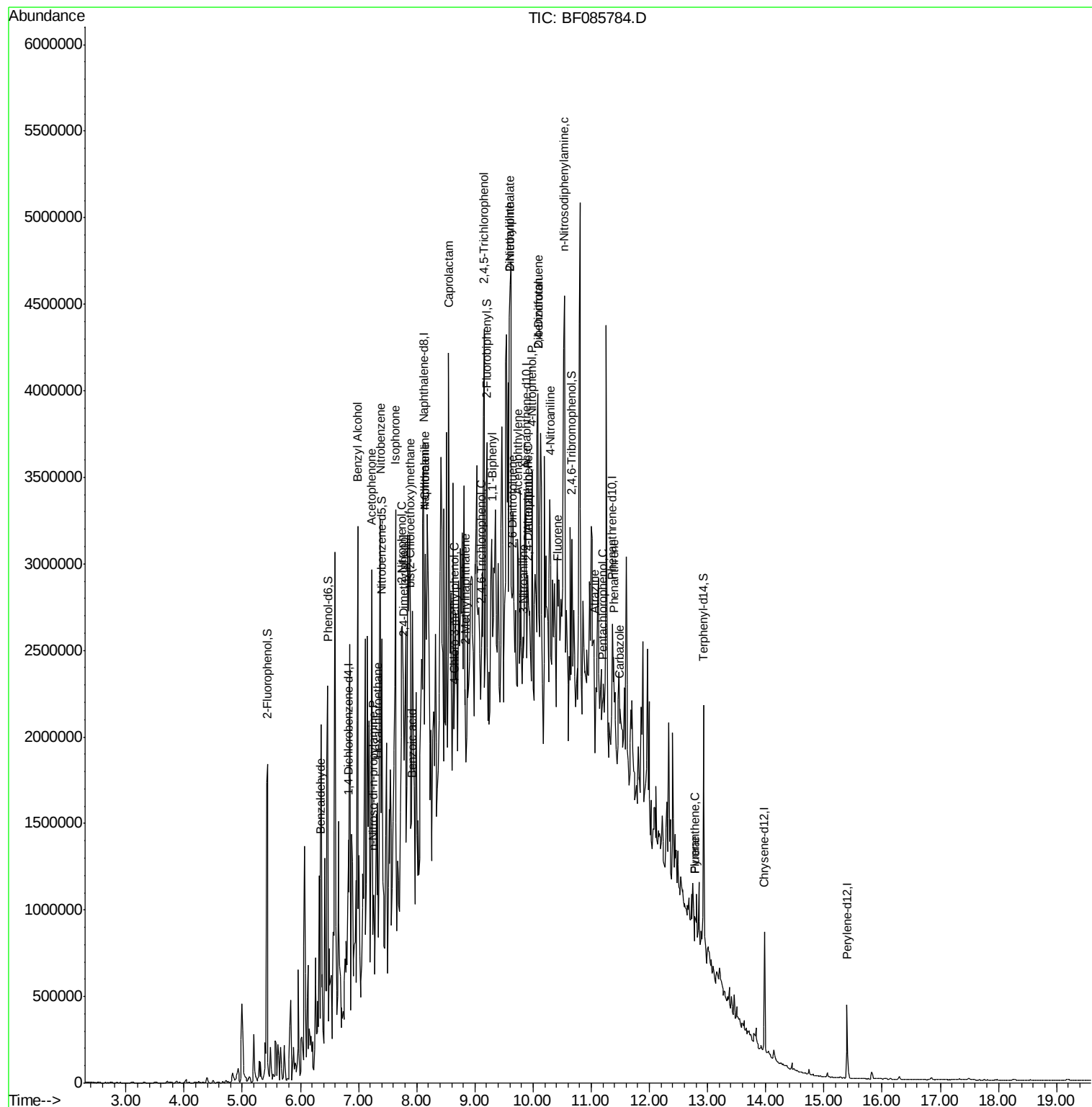
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Phenanthrene	11.38	178	285964	27.43	ng	# 94
72) Carbazole	11.49	167	20540	2.24	ng	# 23
74) Fluoranthene	12.79	202	61952	5.59	ng	91
77) Pyrene	12.79	202	61952	3.34	ng	# 92

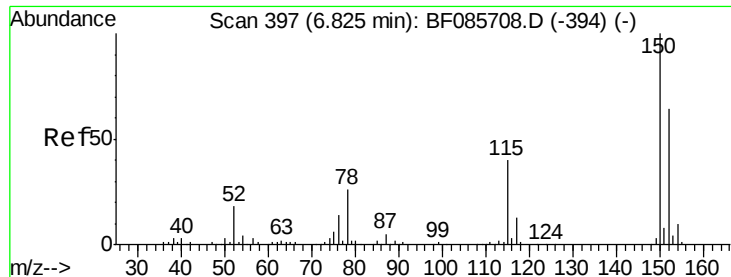
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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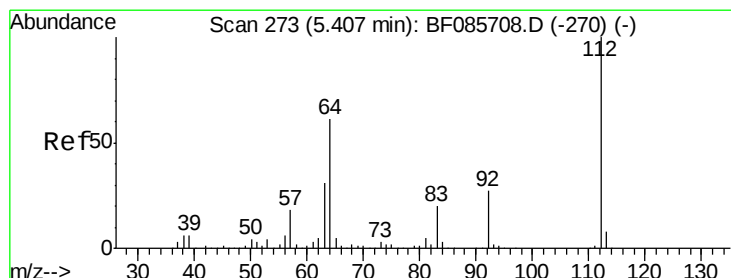
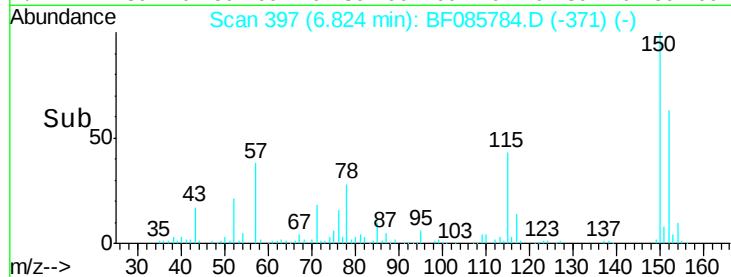
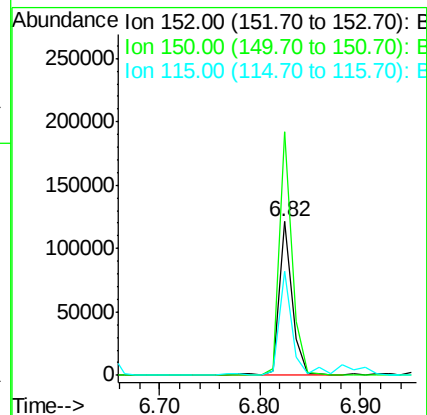
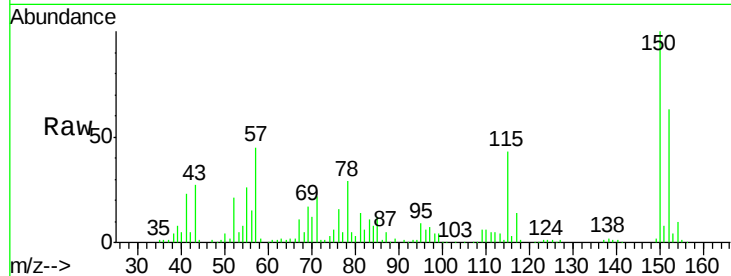


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF085784.D
Acq: 26 Mar 2016 2:00

Instrument :
BNA_F
ClientSampleId :
3

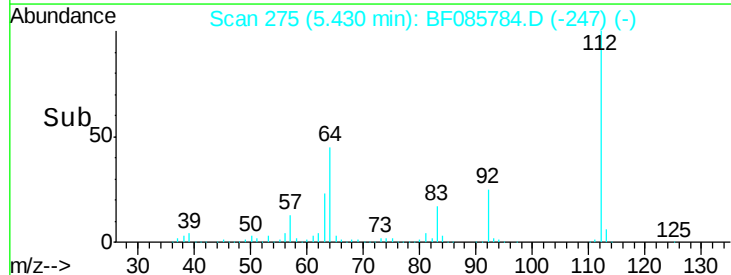
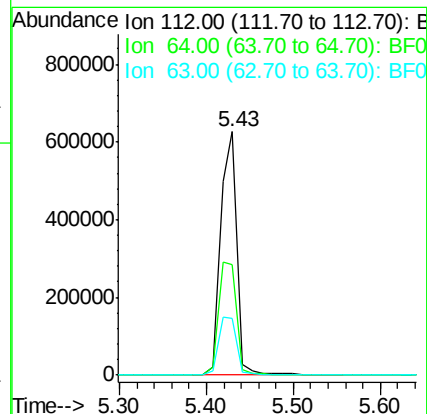
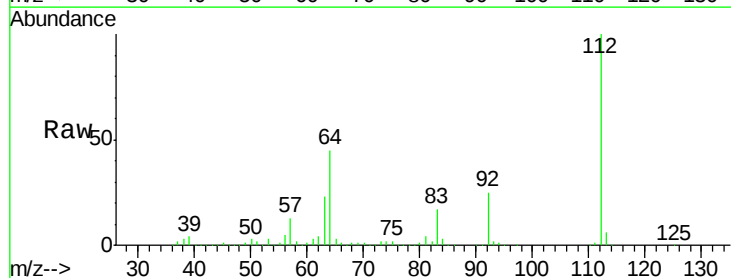
Tgt Ion:152 Resp: 110969
Ion Ratio Lower Upper
152 100
150 158.6 124.2 186.2
115 68.2 47.0 70.6

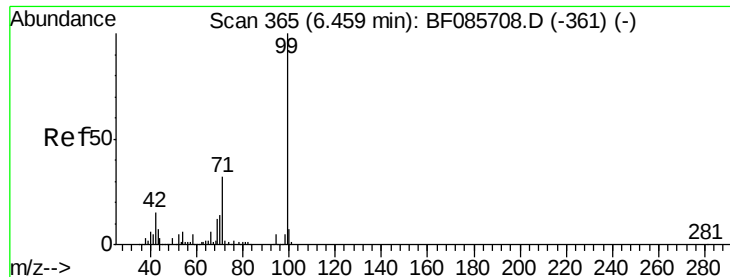


#5

2-Fluorophenol
Concen: 124.30 ng
RT: 5.43 min Scan# 275
Delta R.T. 0.02 min
Lab File: BF085784.D
Acq: 26 Mar 2016 2:00

Tgt Ion:112 Resp: 828248
Ion Ratio Lower Upper
112 100
64 45.5 39.9 59.9
63 23.1 20.2 30.2





#7

Phenol-d6

Concen: 125.92 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.01 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

Instrument :

BNA_F

ClientSampled :

3

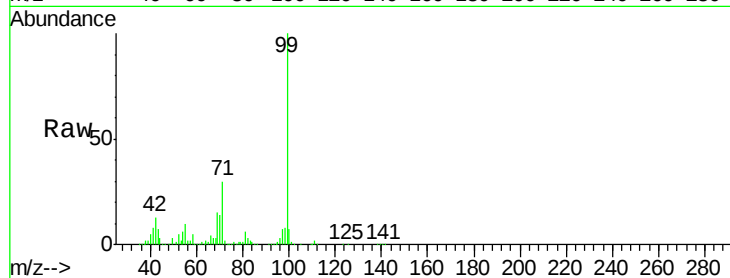
Tgt Ion: 99 Resp: 1066754

Ion Ratio Lower Upper

99 100

42 12.8 11.1 16.7

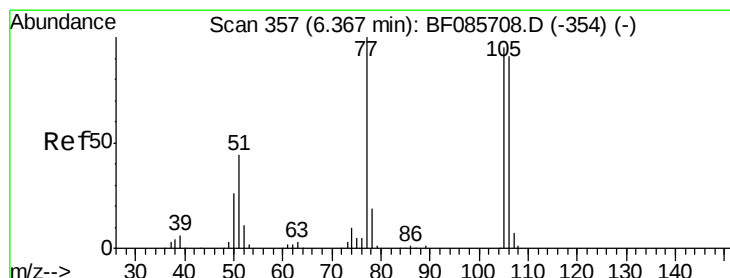
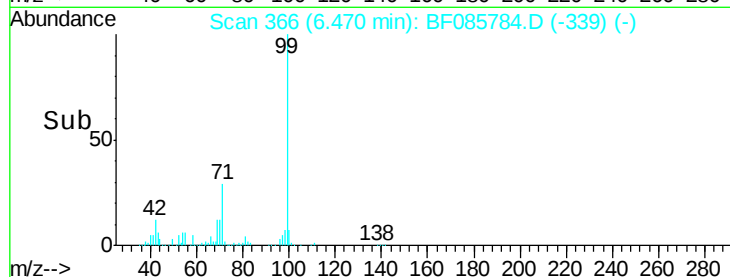
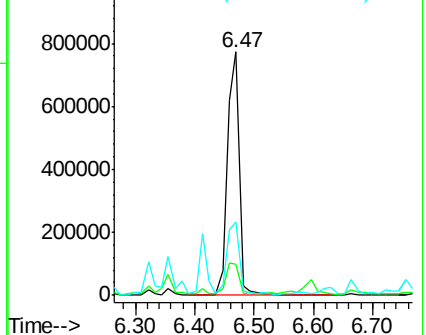
71 30.0 24.9 37.3



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: 2.29 ng

RT: 6.34 min Scan# 355

Delta R.T. -0.02 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

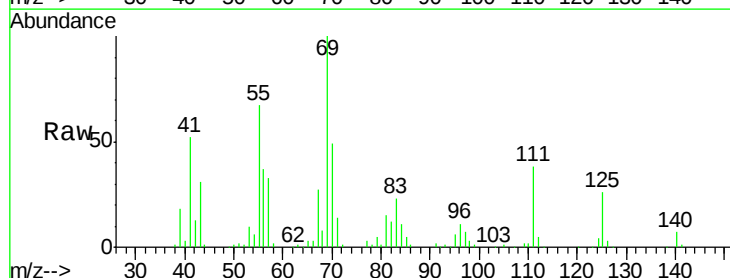
Tgt Ion: 77 Resp: 11698

Ion Ratio Lower Upper

77 100

105 38.7 80.1 120.1#

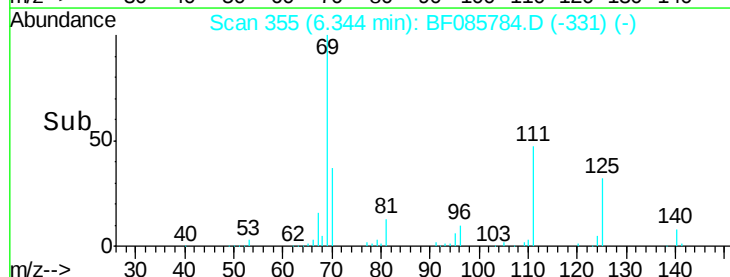
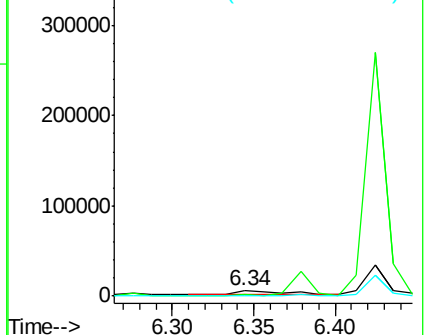
106 0.0 75.0 115.0#

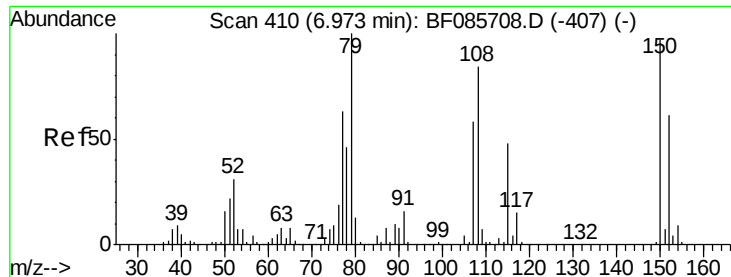


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 4.02 ng

RT: 6.98 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

Instrument :

BNA_F

ClientSampled :

3

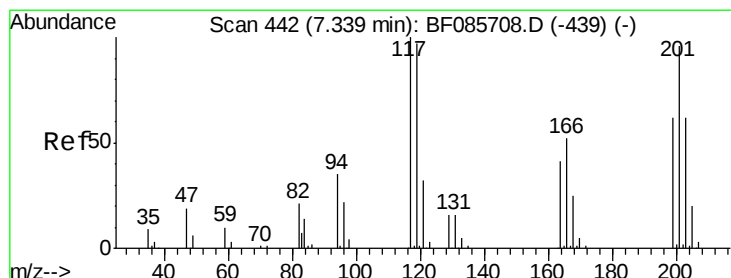
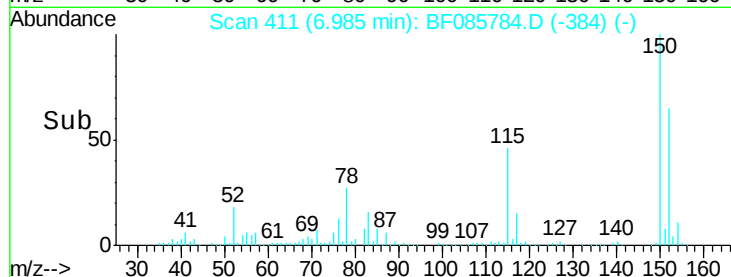
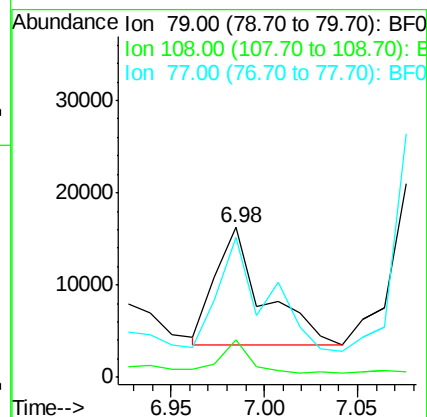
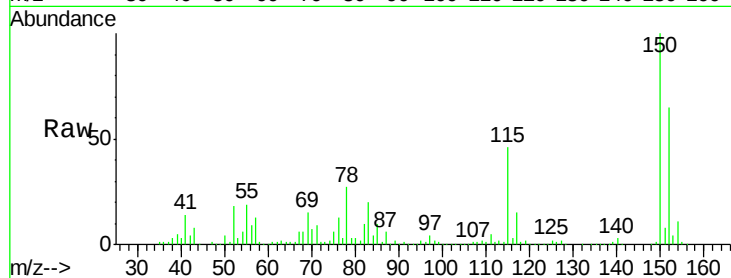
Tgt Ion: 79 Resp: 22709

Ion Ratio Lower Upper

79 100

108 24.7 61.8 92.6#

77 93.5 49.6 74.4#



#18

Hexachloroethane

Concen: 21.29 ng

RT: 7.33 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

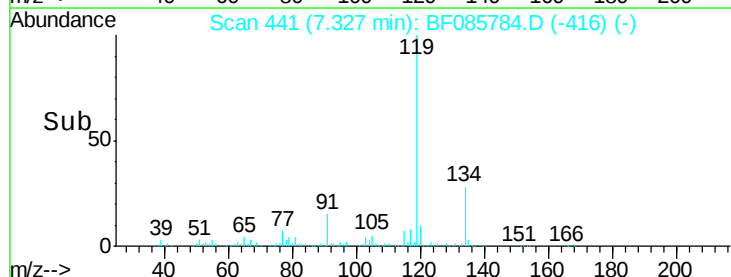
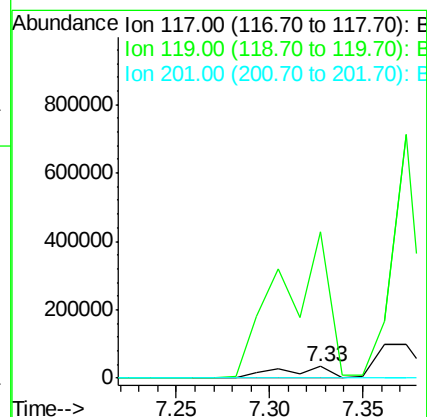
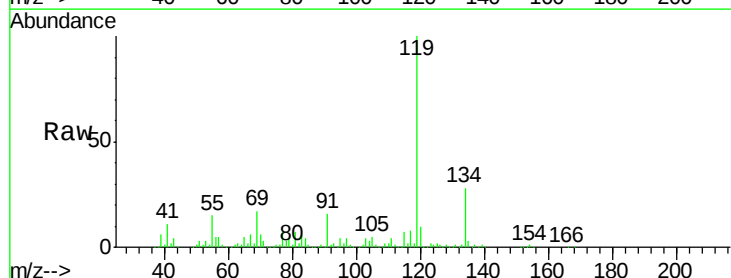
Tgt Ion: 117 Resp: 65923

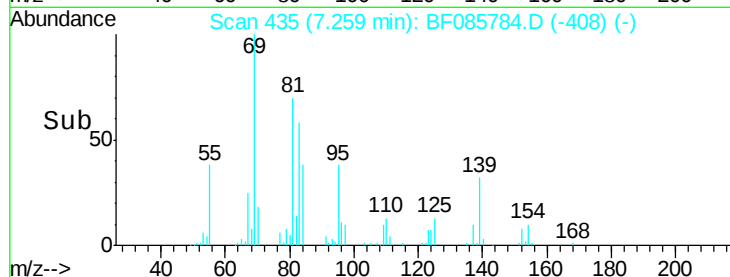
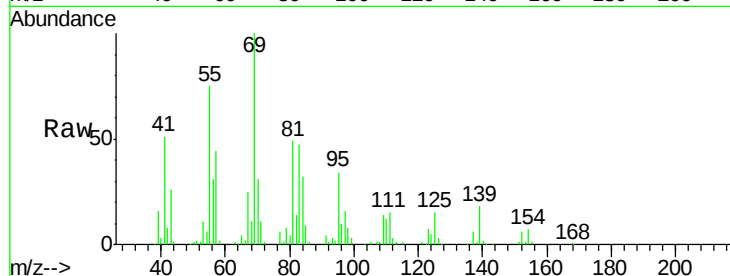
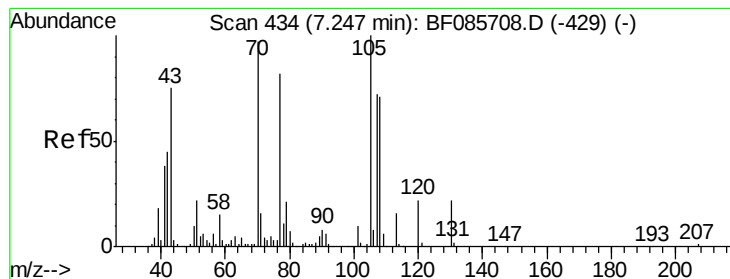
Ion Ratio Lower Upper

117 100

119 1268.7 76.7 115.1#

201 0.0 83.3 124.9#





#19

n-Nitroso-di-n-propylamine

Concen: 7.69 ng

RT: 7.26 min Scan# 435

Delta R.T. 0.01 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

Instrument :

BNA_F

ClientSampleId :

3

Tgt Ion: 70 Resp: 38991

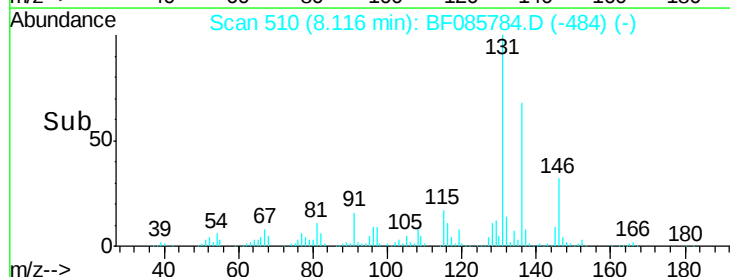
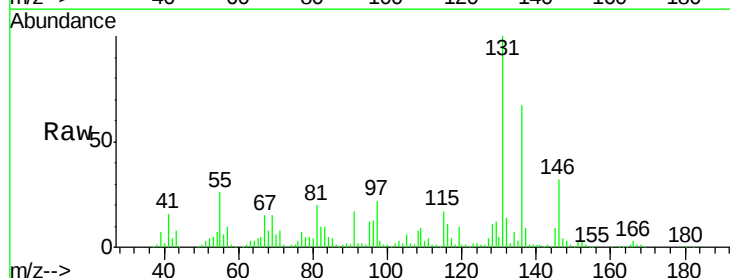
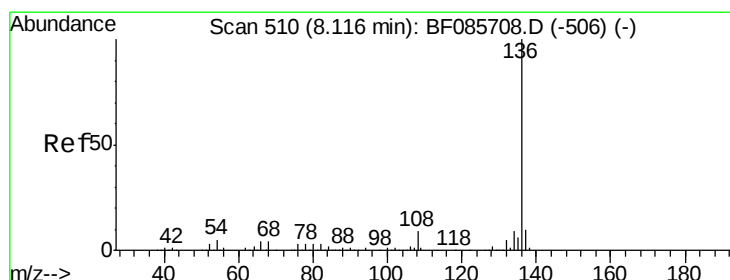
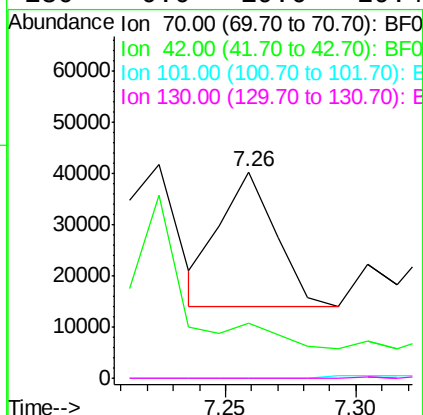
Ion Ratio Lower Upper

70 100

42 26.7 37.1 55.7#

101 0.0 8.6 12.8#

130 0.0 19.6 29.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

Tgt Ion: 136 Resp: 291012

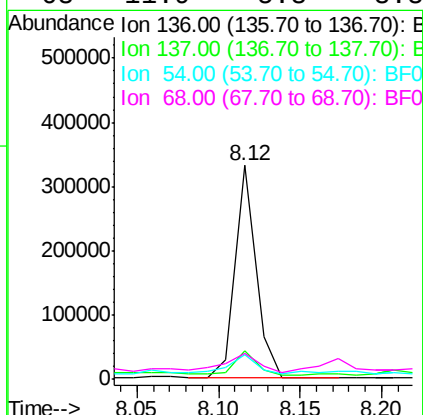
Ion Ratio Lower Upper

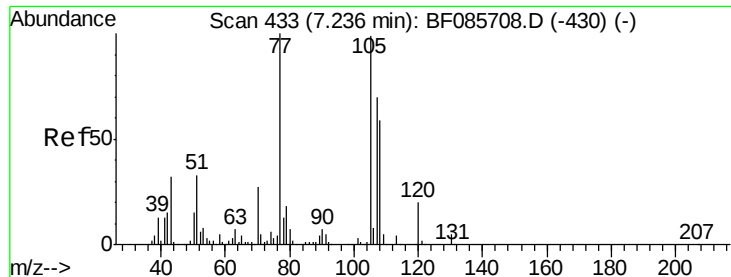
136 100

137 13.4 9.1 13.7

54 11.1 7.4 11.0#

68 11.9 5.8 8.8#





#22

Acetophenone

Concen: 6.44 ng

RT: 7.22 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

Instrument :

BNA_F

ClientSampleId :

3

Tgt Ion: 105 Resp: 43676

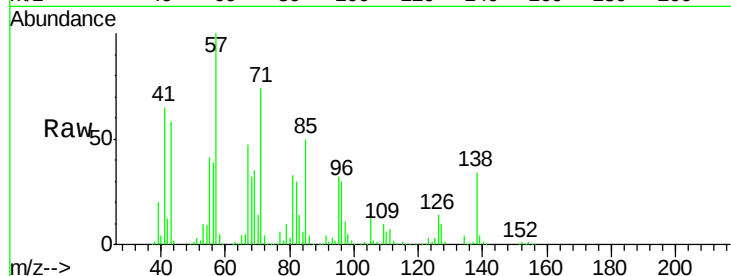
Ion Ratio Lower Upper

105 100

71 475.7 3.6 5.4#

51 19.1 25.4 38.0#

120 0.0 16.9 25.3#

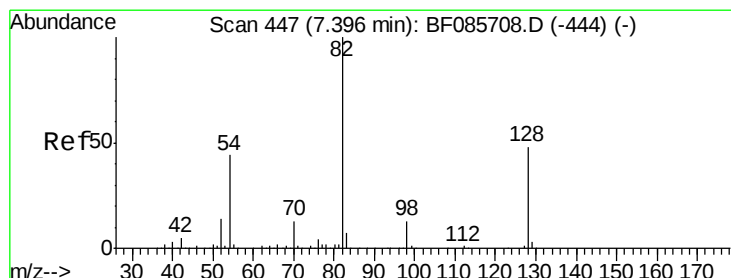
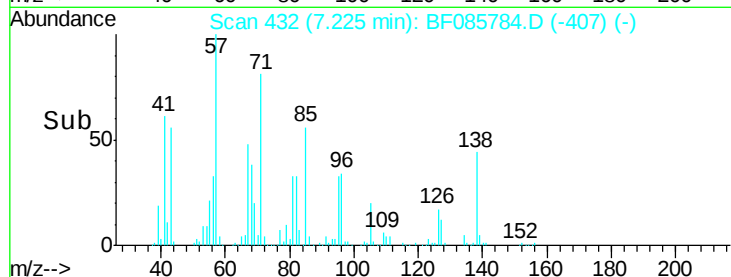
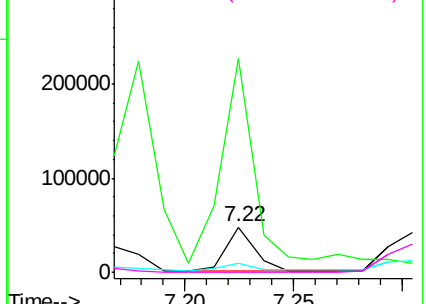


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 111.06 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

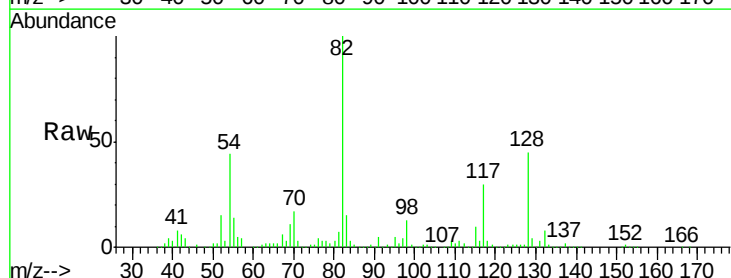
Tgt Ion: 82 Resp: 573951

Ion Ratio Lower Upper

82 100

128 44.8 41.8 62.8

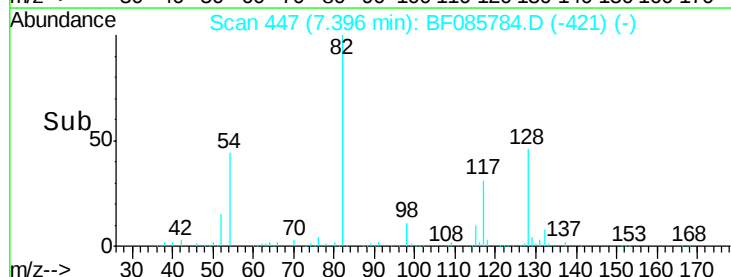
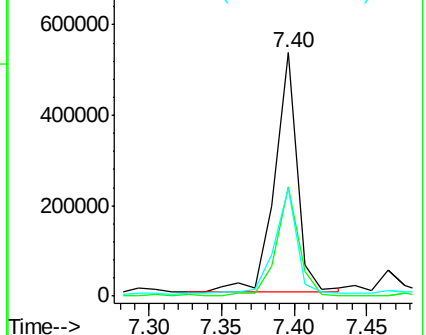
54 44.4 33.4 50.0

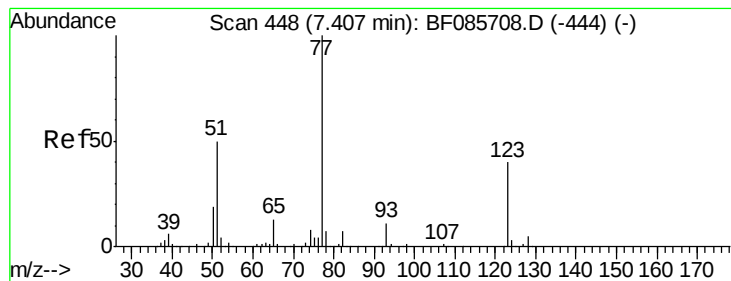


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 12.73 ng

RT: 7.37 min Scan# 445

Delta R.T. -0.03 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

Instrument :

BNA_F

ClientSampled :

3

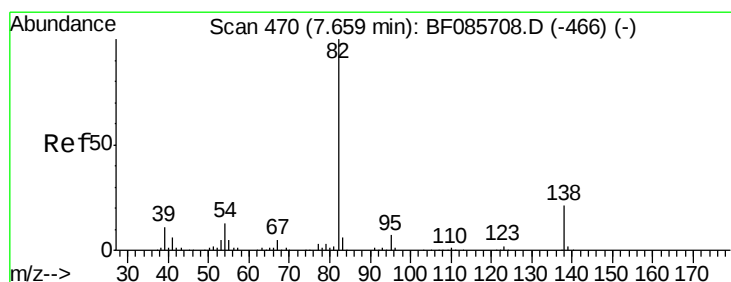
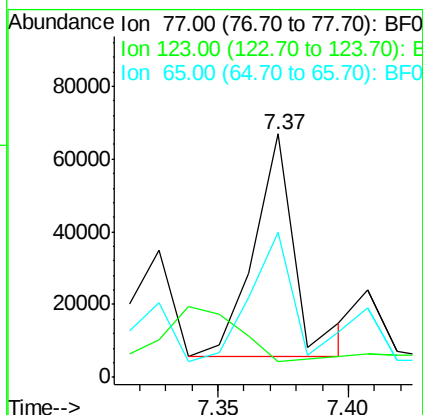
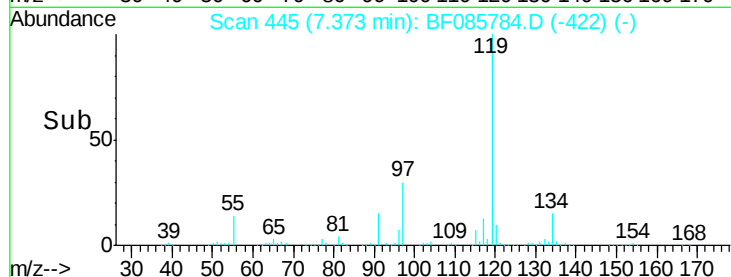
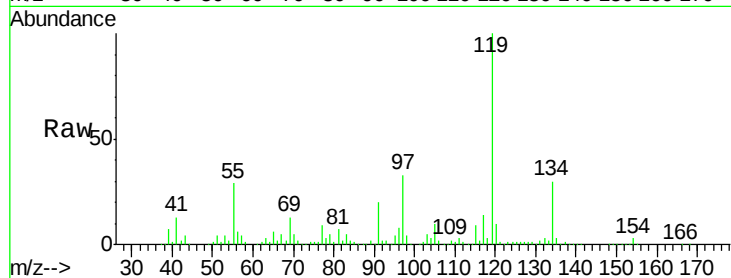
Tgt Ion: 77 Resp: 67835

Ion Ratio Lower Upper

77 100

123 6.4 35.0 52.4#

65 59.8 10.6 16.0#



#25

Isophorone

Concen: 8.40 ng

RT: 7.64 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

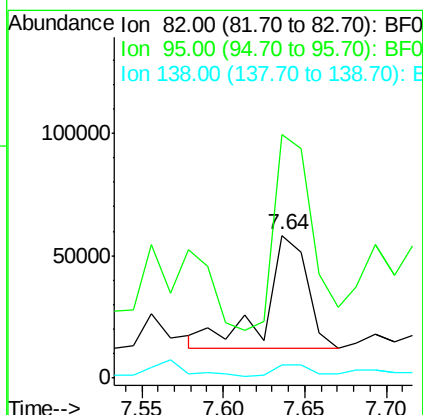
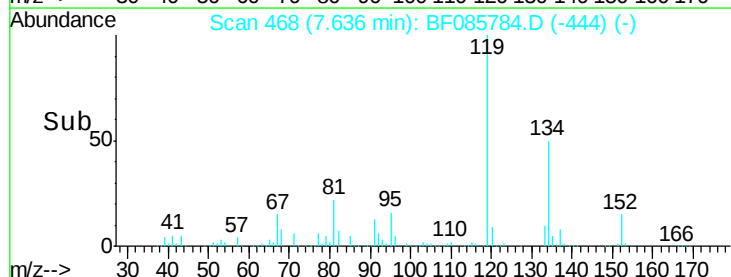
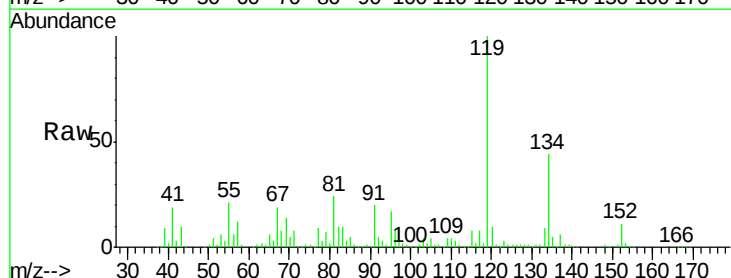
Tgt Ion: 82 Resp: 83618

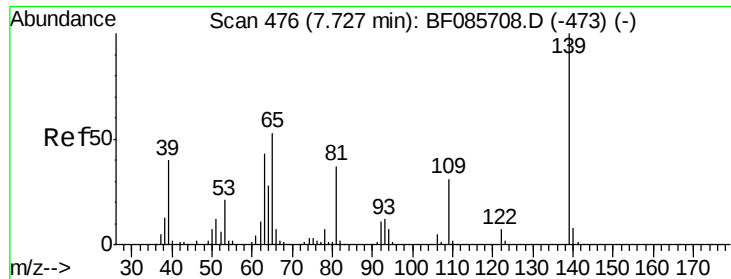
Ion Ratio Lower Upper

82 100

95 170.1 5.4 8.2#

138 9.0 12.9 19.3#





#26

2-Nitrophenol

Concen: 4.15 ng

RT: 7.74 min Scan# 477

Delta R.T. 0.01 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

Instrument :

BNA_F

ClientSampled :

3

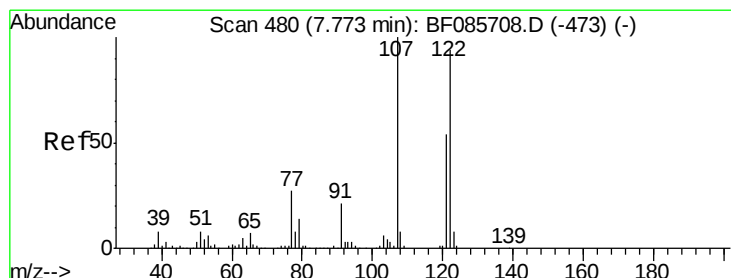
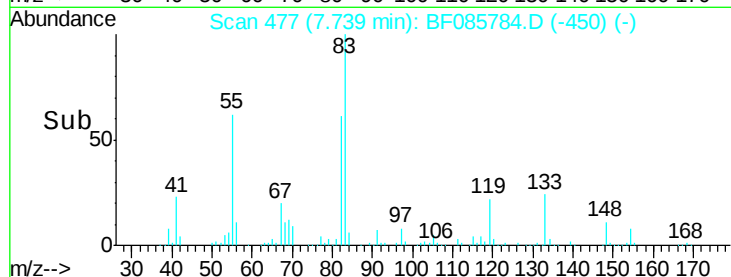
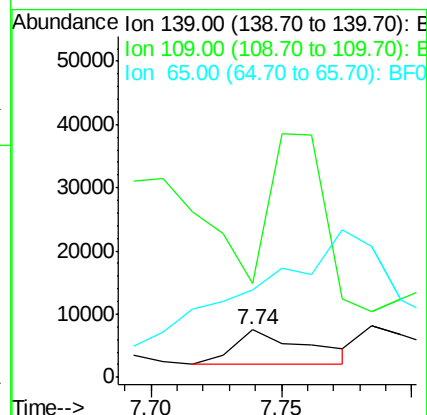
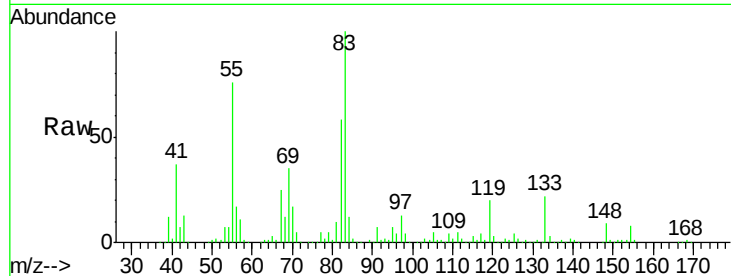
Tgt Ion:139 Resp: 11053

Ion Ratio Lower Upper

139 100

109 198.6 22.1 33.1#

65 185.4 33.9 50.9#



#27

2,4-Dimethylphenol

Concen: 2.27 ng

RT: 7.77 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

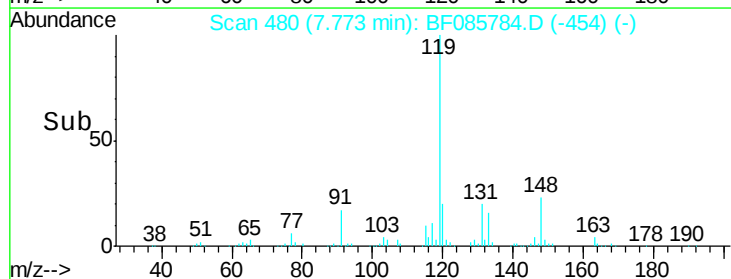
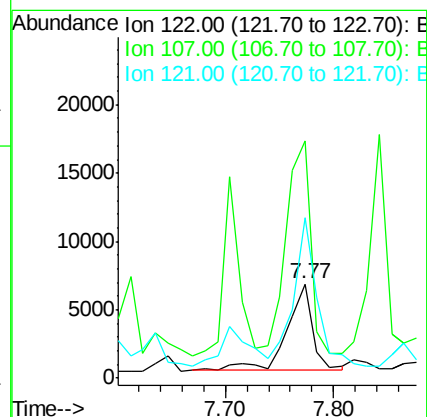
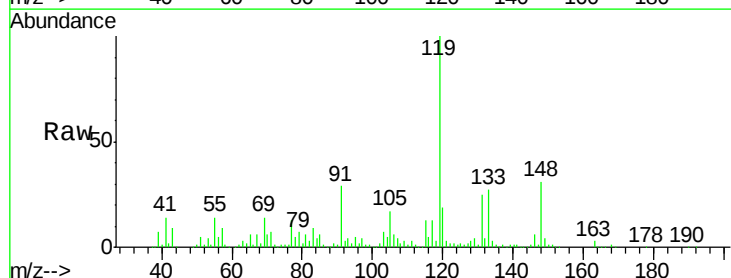
Tgt Ion:122 Resp: 10561

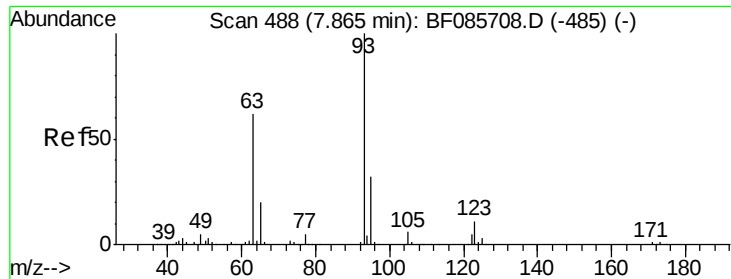
Ion Ratio Lower Upper

122 100

107 252.7 93.0 139.6#

121 171.2 45.9 68.9#

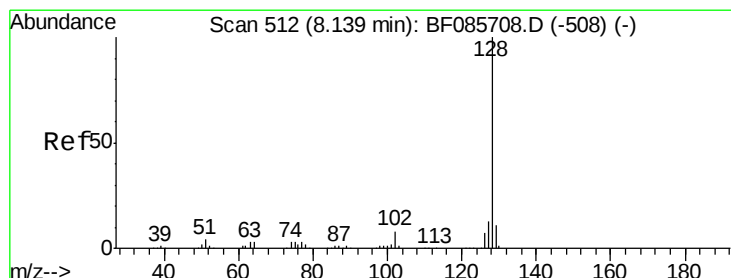
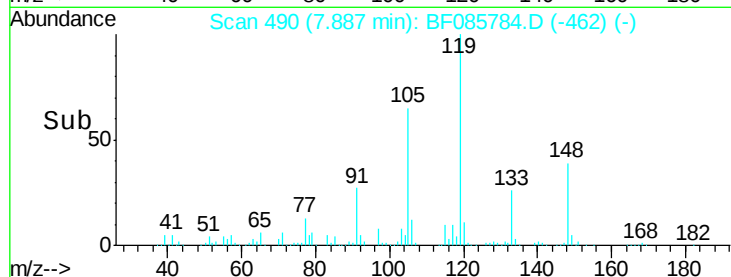
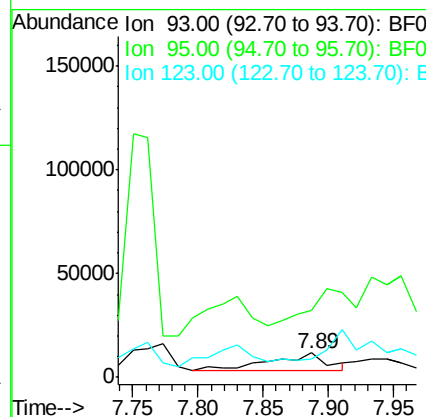
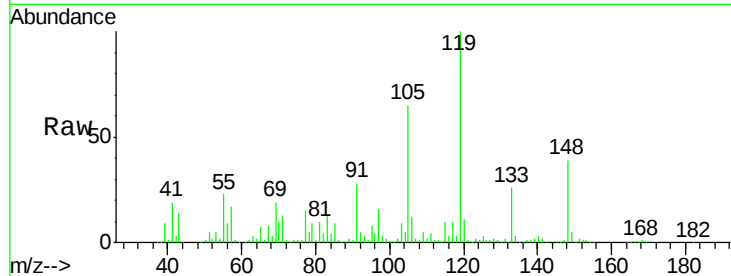




#28
bis(2-Chloroethoxy)methane
Concen: 4.24 ng
RT: 7.89 min Scan# 490
Delta R.T. 0.02 min
Lab File: BF085784.D
Acq: 26 Mar 2016 2:00

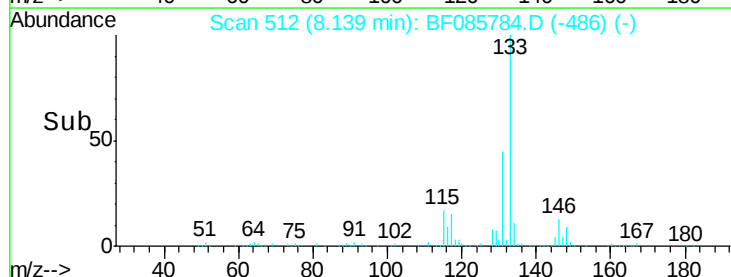
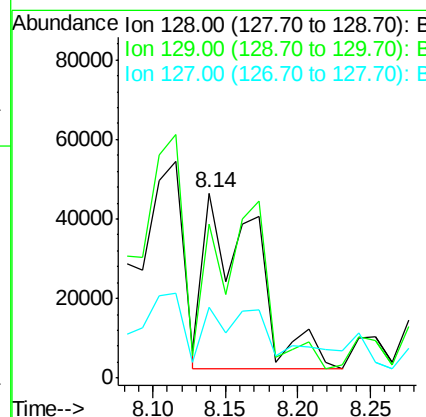
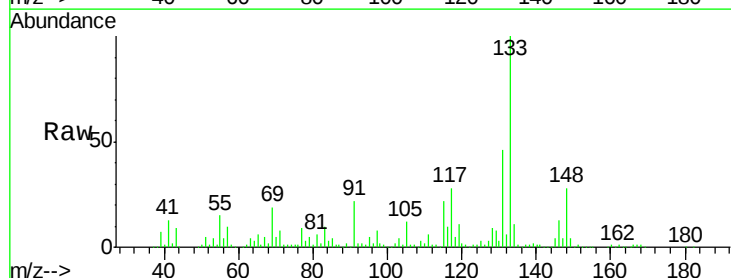
Instrument :
BNA_F
ClientSampleId :
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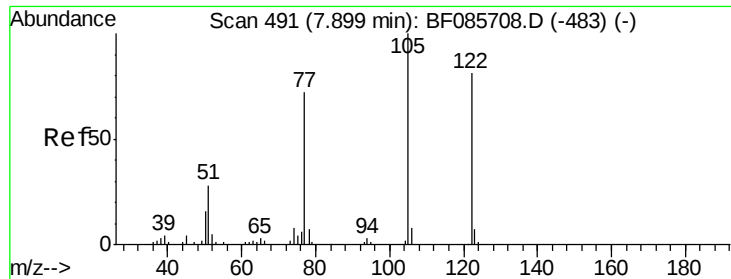
Tgt Ion: 93 Resp: 24024
Ion Ratio Lower Upper
93 100
95 276.2 26.4 39.6#
123 74.0 9.8 14.6#



#31
Naphthalene
Concen: 7.56 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF085784.D
Acq: 26 Mar 2016 2:00

Tgt Ion: 128 Resp: 110786
Ion Ratio Lower Upper
128 100
129 83.0 9.4 14.0#
127 38.1 11.0 16.6#

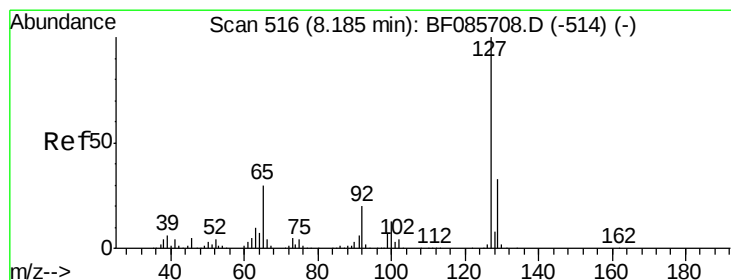
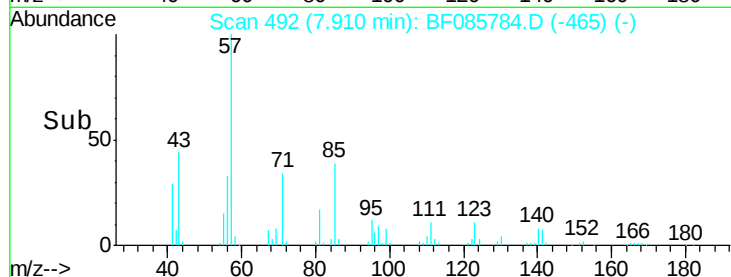
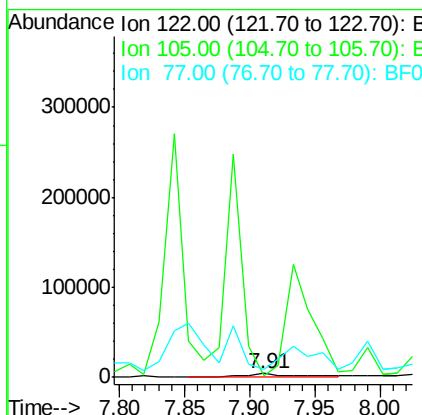
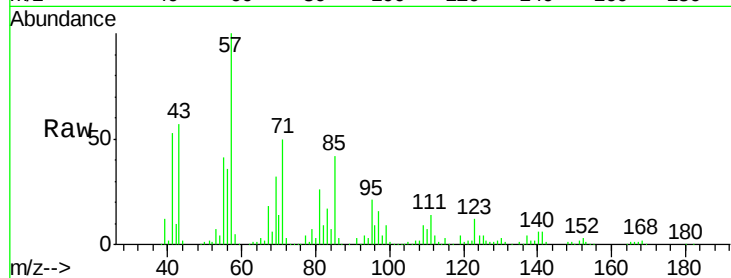




#32
Benzoic acid
Concen: 2.85 ng
RT: 7.91 min Scan# 492
Delta R.T. 0.01 min
Lab File: BF085784.D
Acq: 26 Mar 2016 2:00

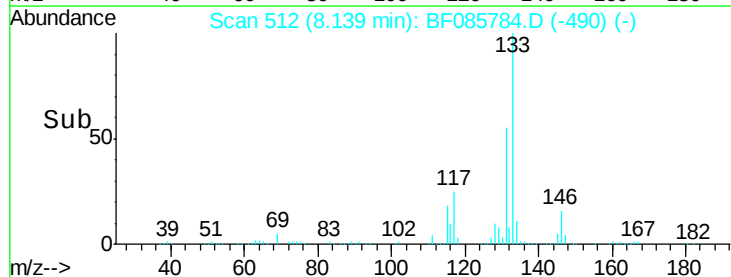
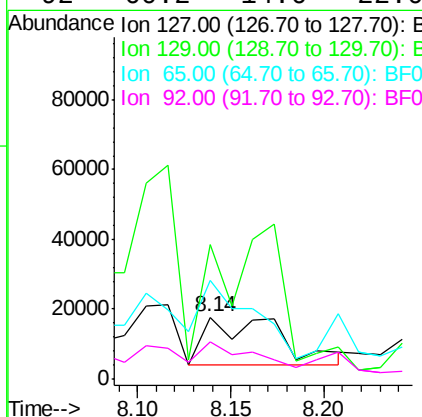
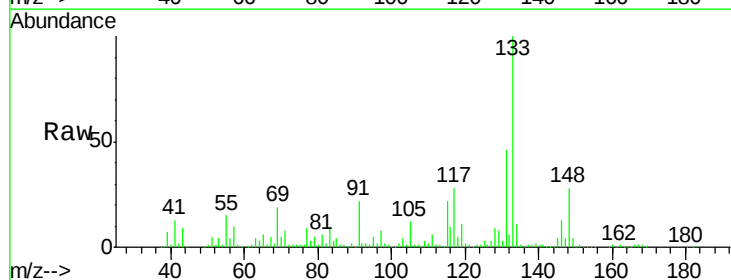
Instrument :
BNA_F
ClientSampleId :
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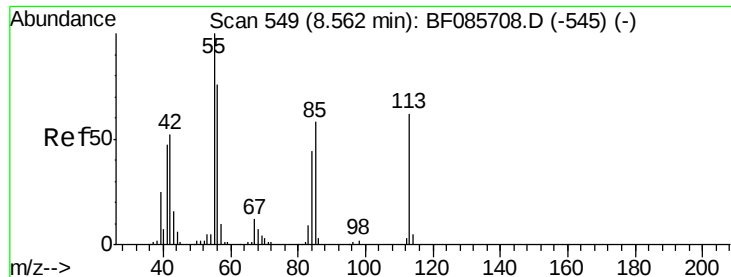
Tgt Ion:122 Resp: 8821
Ion Ratio Lower Upper
122 100
105 48.4 102.9 142.9#
77 199.5 71.8 111.8#



#33
4-Chloroaniline
Concen: 6.47 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.05 min
Lab File: BF085784.D
Acq: 26 Mar 2016 2:00

Tgt Ion:127 Resp: 38717
Ion Ratio Lower Upper
127 100
129 217.7 26.1 39.1#
65 158.6 19.5 29.3#
92 60.2 14.6 22.0#





#35

Caprolactam

Concen: 82.85 ng

RT: 8.55 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

Instrument :

BNA_F

ClientSampled :

3

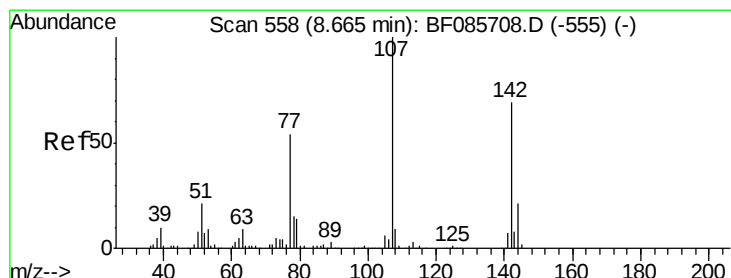
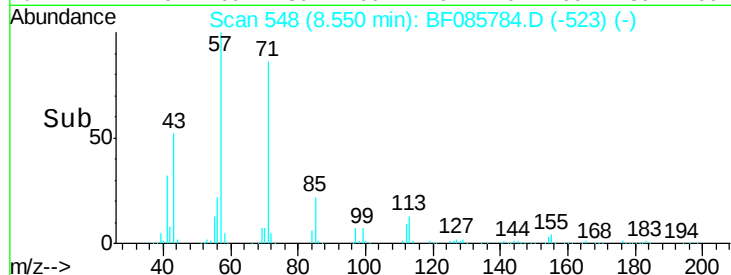
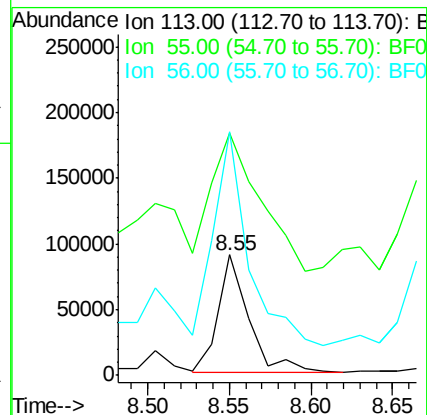
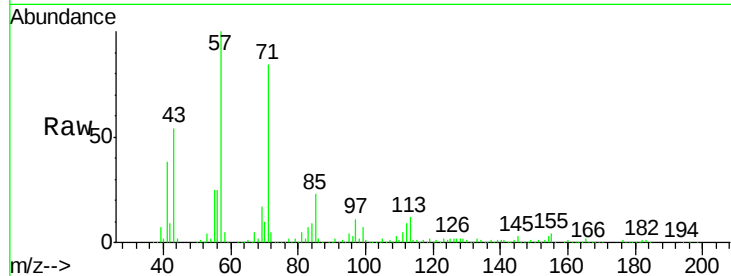
Tgt Ion:113 Resp: 114930

Ion Ratio Lower Upper

113 100

55 201.2 139.4 179.4#

56 201.8 100.4 140.4#



#36

4-Chloro-3-methylphenol

Concen: 3.66 ng

RT: 8.64 min Scan# 556

Delta R.T. -0.02 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

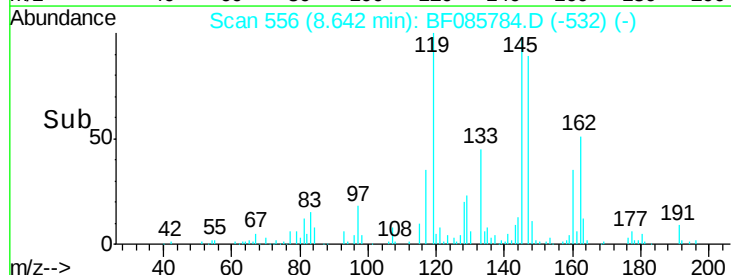
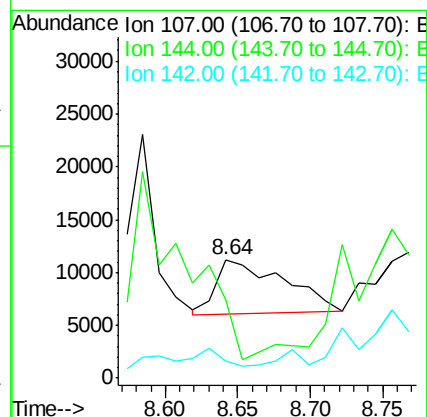
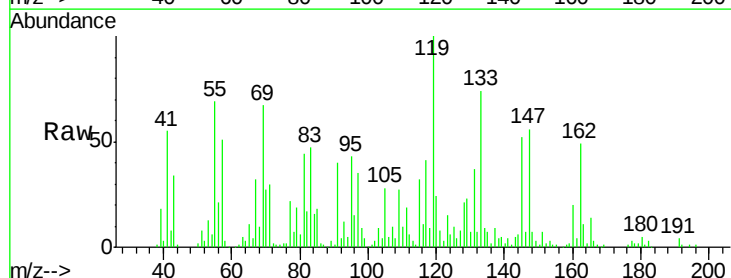
Tgt Ion:107 Resp: 16757

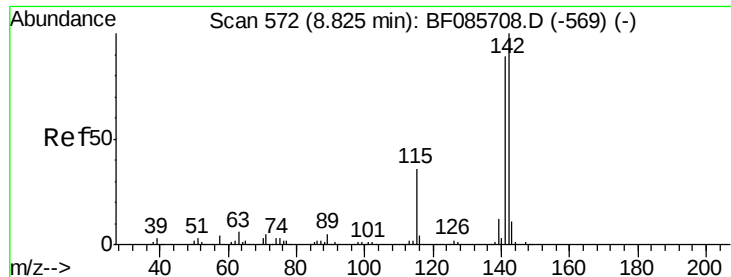
Ion Ratio Lower Upper

107 100

144 65.9 19.3 28.9#

142 14.0 61.4 92.0#

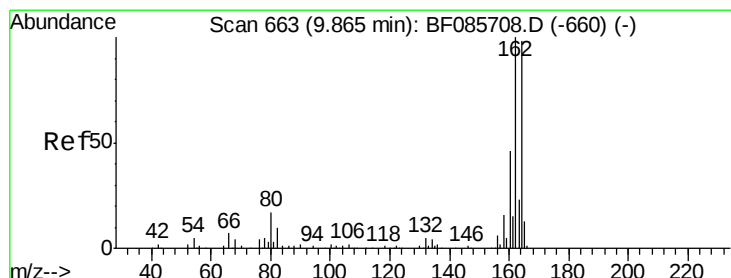
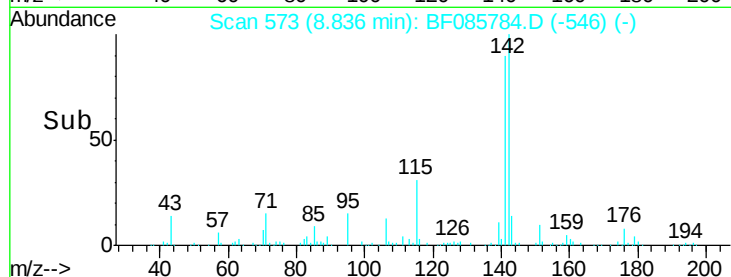
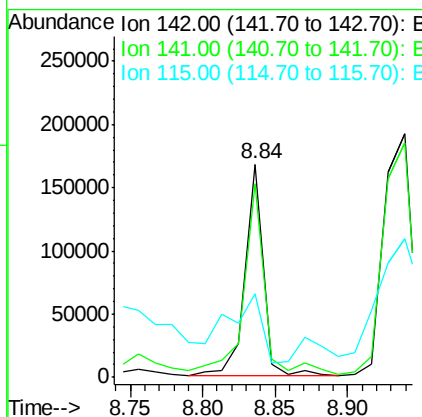
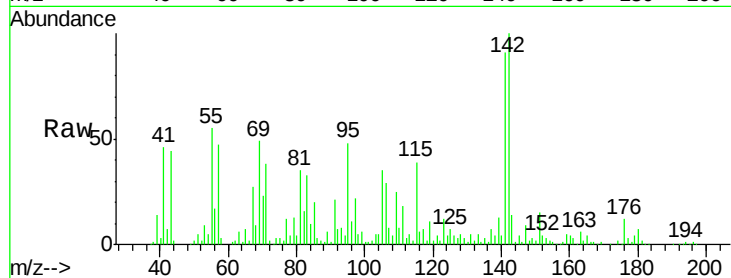




#37
2-Methylnaphthalene
Concen: 14.41 ng
RT: 8.84 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF085784.D
Acq: 26 Mar 2016 2:00

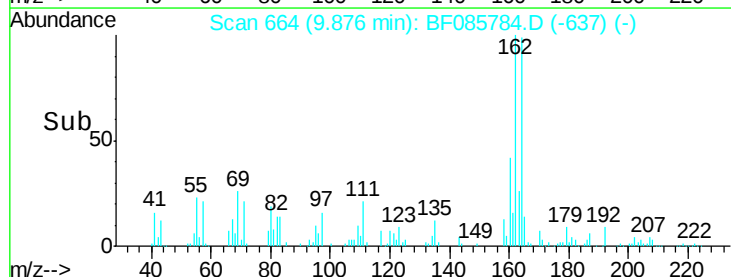
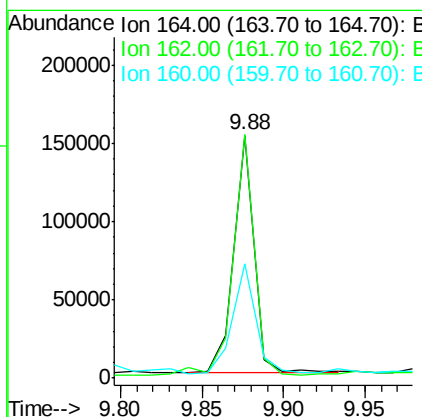
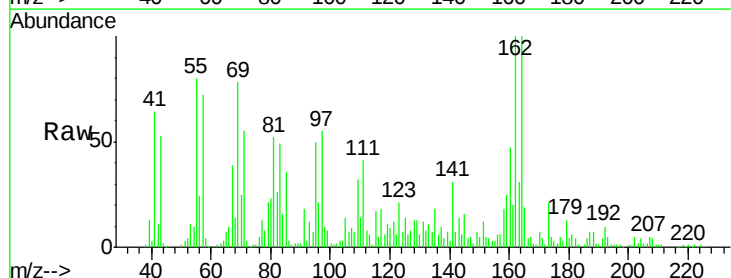
Instrument :
BNA_F
ClientSampleId :
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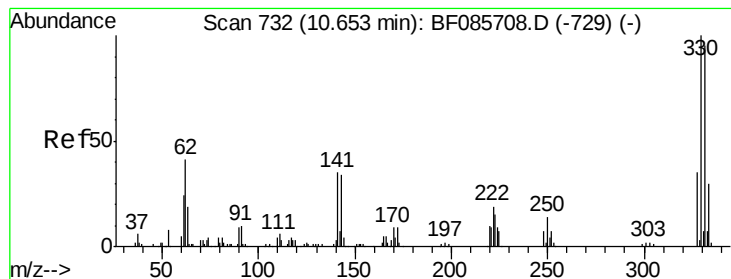
Tgt Ion:142 Resp: 148775
Ion Ratio Lower Upper
142 100
141 90.7 71.6 107.4
115 39.1 26.8 40.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 664
Delta R.T. 0.01 min
Lab File: BF085784.D
Acq: 26 Mar 2016 2:00

Tgt Ion:164 Resp: 130789
Ion Ratio Lower Upper
164 100
162 100.5 82.1 123.1
160 47.3 37.4 56.2

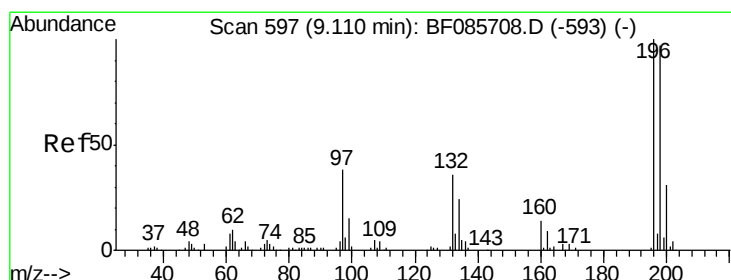
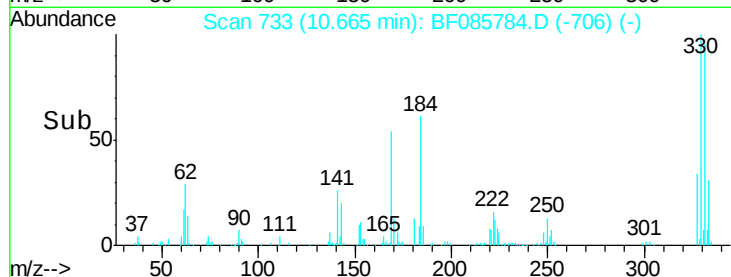
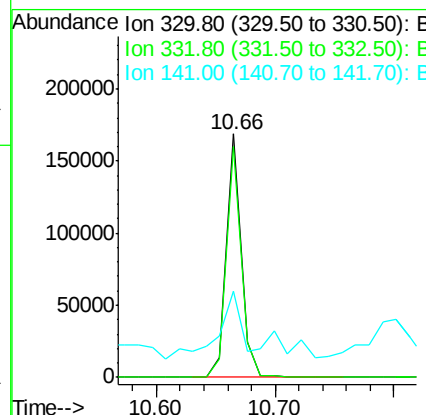
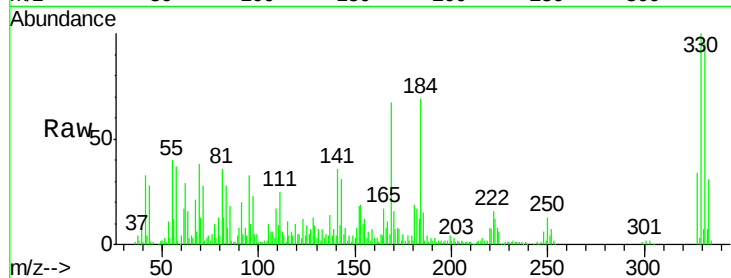




#41
 2,4,6-Tribromophenol
 Concen: 116.01 ng
 RT: 10.66 min Scan# 733
 Delta R.T. 0.01 min
 Lab File: BF085784.D
 Acq: 26 Mar 2016 2:00

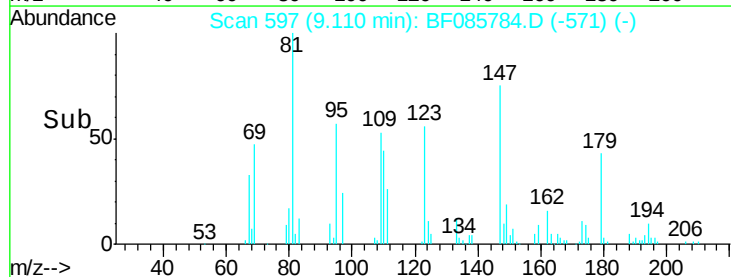
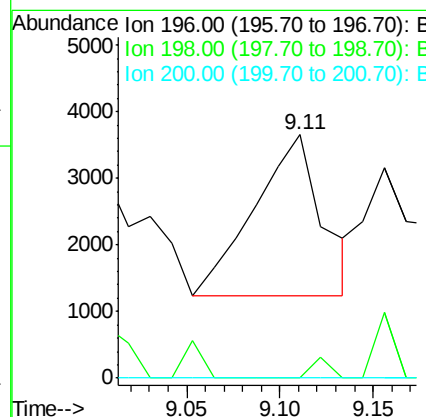
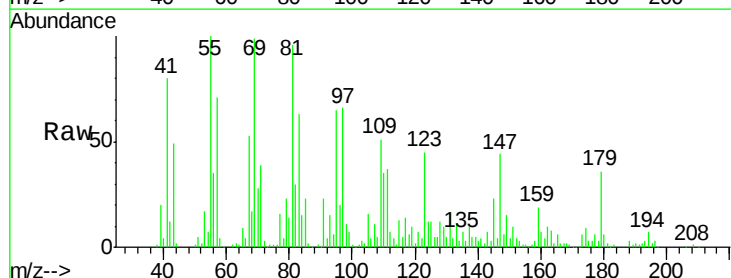
Instrument :
 BNA_F
 ClientSampled :
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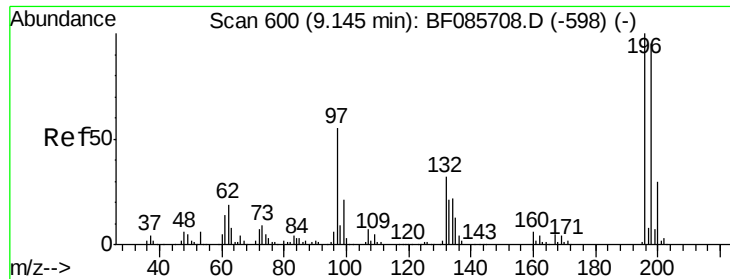
Tgt Ion:330 Resp: 144159
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.2 117.2
 141 46.5 31.5 47.3



#42
 2,4,6-Trichlorophenol
 Concen: 2.34 ng
 RT: 9.11 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF085784.D
 Acq: 26 Mar 2016 2:00

Tgt Ion:196 Resp: 6122
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.3 112.9#
 200 0.0 23.7 35.5#

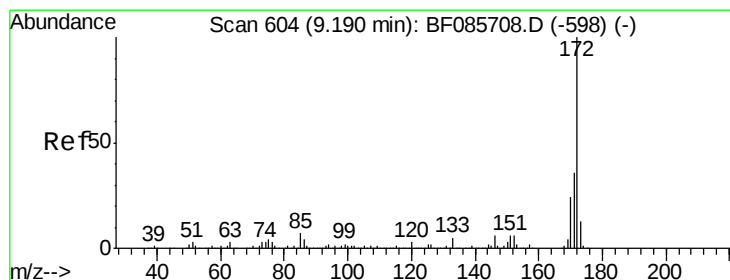
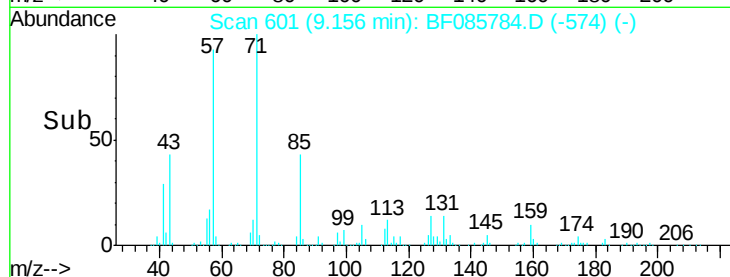
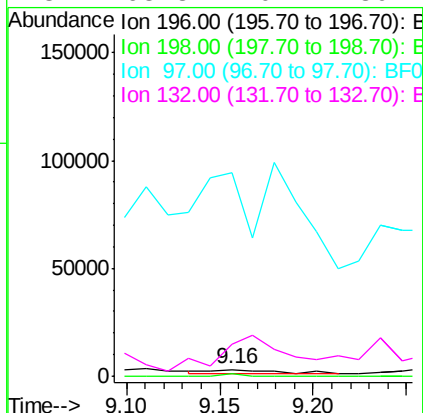
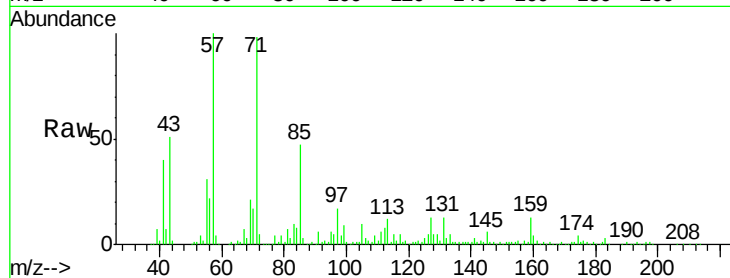




#43
 2,4,5-Trichlorophenol
 Concen: 2.03 ng
 RT: 9.16 min Scan# 601
 Delta R.T. 0.01 min
 Lab File: BF085784.D
 Acq: 26 Mar 2016 2:00

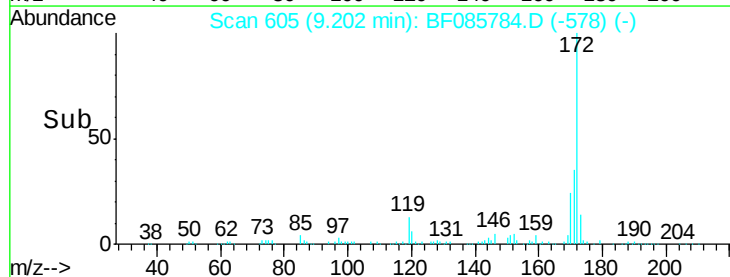
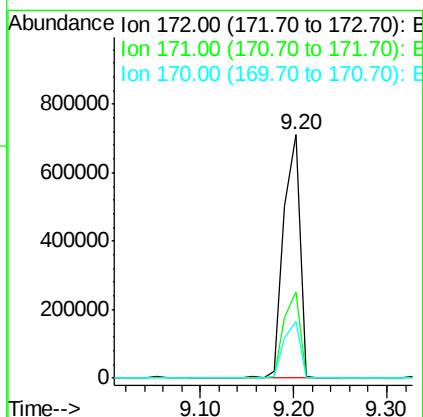
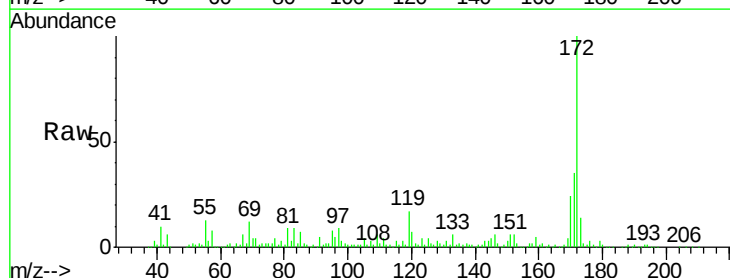
Instrument :
 BNA_F
 ClientSampled :
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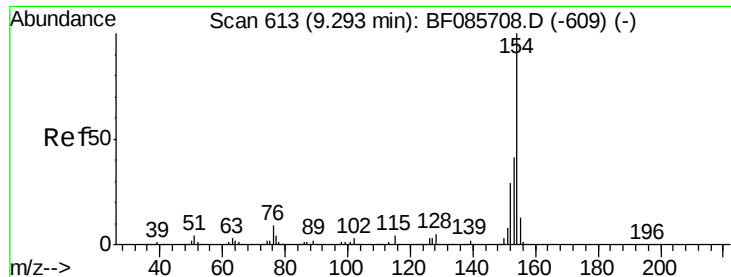
Tgt Ion:196 Resp: 5588
 Ion Ratio Lower Upper
 196 100
 198 31.3 76.6 114.8#
 97 2995.3 30.5 45.7#
 132 468.3 20.2 30.2#



#44
 2-Fluorobiphenyl
 Concen: 109.54 ng
 RT: 9.20 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: BF085784.D
 Acq: 26 Mar 2016 2:00

Tgt Ion:172 Resp: 857529
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.2
 170 23.5 19.8 29.6

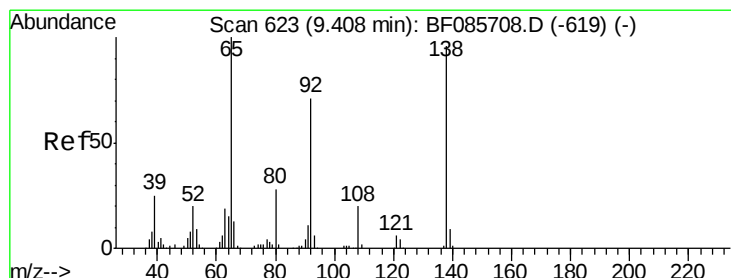
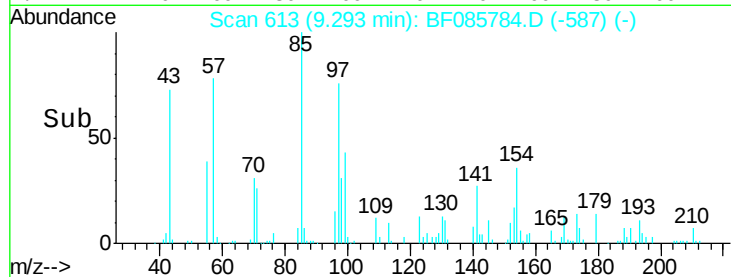
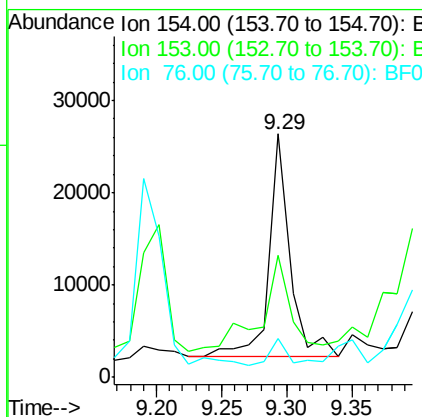
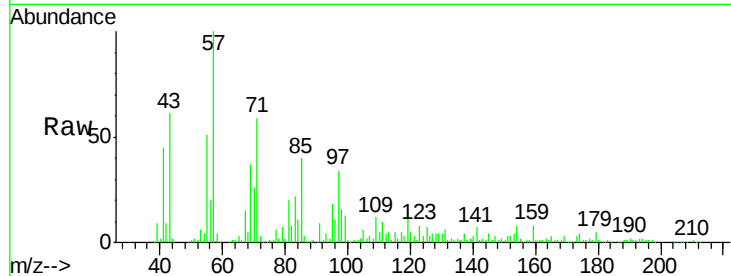




#45
 1,1'-Biphenyl
 Concen: 2.49 ng
 RT: 9.29 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF085784.D
 Acq: 26 Mar 2016 2:00

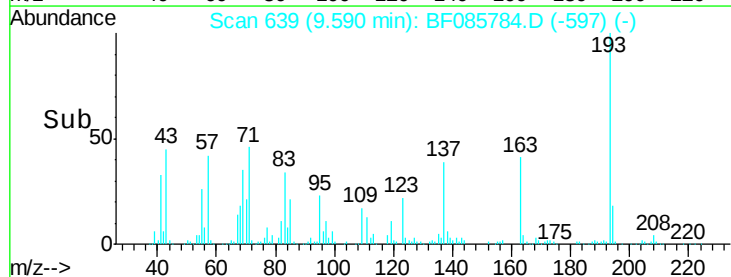
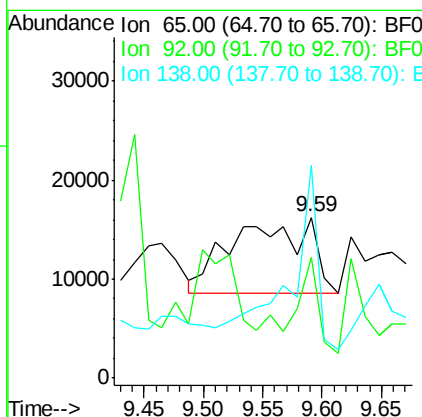
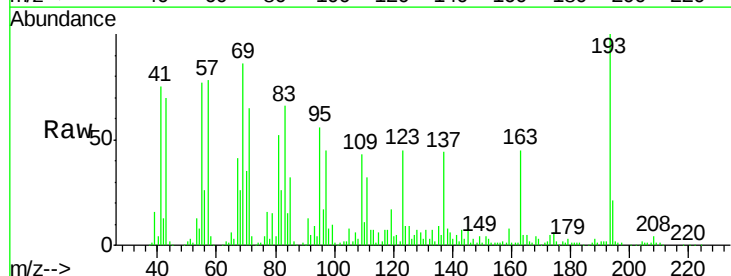
Instrument :
 BNA_F
 ClientSampled :
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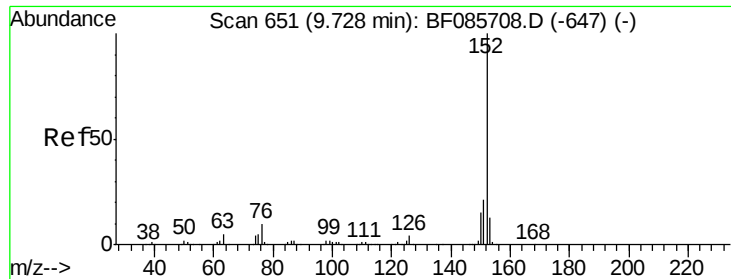
Tgt Ion: 154 Resp: 27468
 Ion Ratio Lower Upper
 154 100
 153 50.4 20.8 60.8
 76 15.8 0.0 36.7



#47
 2-Nitroaniline
 Concen: 13.80 ng
 RT: 9.59 min Scan# 639
 Delta R.T. 0.18 min
 Lab File: BF085784.D
 Acq: 26 Mar 2016 2:00

Tgt Ion: 65 Resp: 34256
 Ion Ratio Lower Upper
 65 100
 92 75.3 59.7 89.5
 138 132.5 91.4 137.0





#48

Acenaphthylene

Concen: 2.04 ng

RT: 9.74 min Scan# 652

Delta R.T. 0.01 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

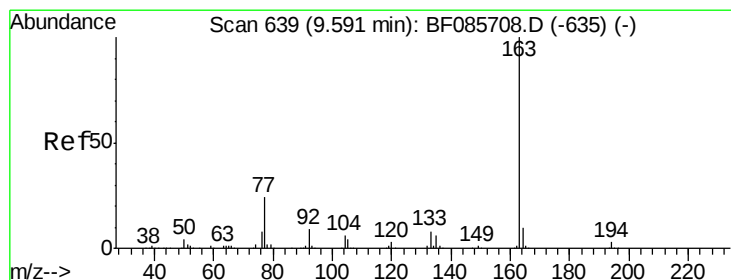
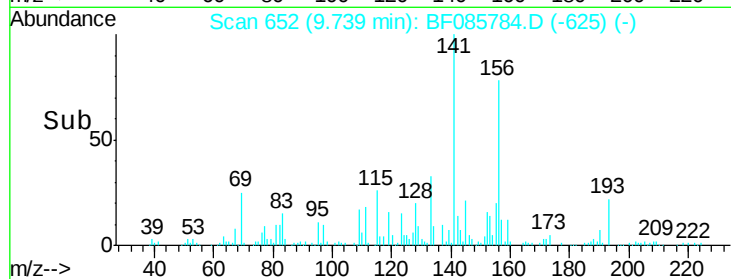
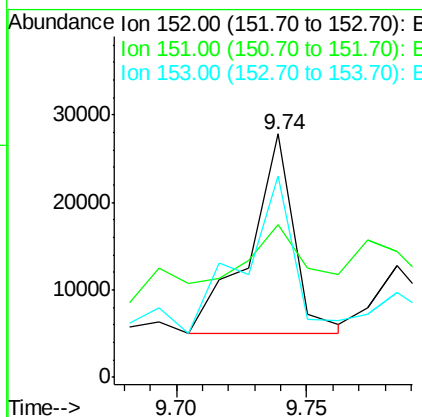
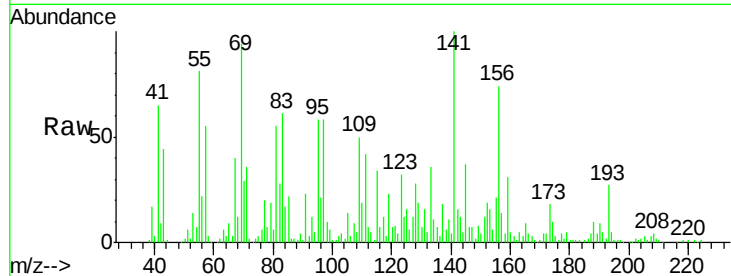
Instrument :

BNA_F

ClientSampled :

3

Tgt Ion:	152	Resp:	26964
Ion Ratio	Lower	Upper	
152	100		
151	63.0	16.8	25.2#
153	82.8	10.9	16.3#



#49

Dimethylphthalate

Concen: 9.36 ng

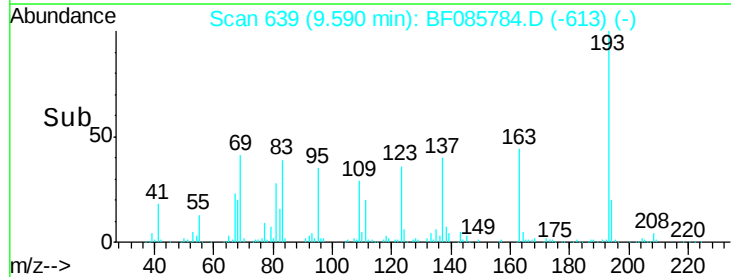
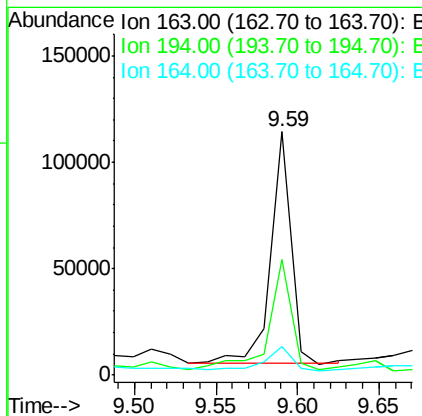
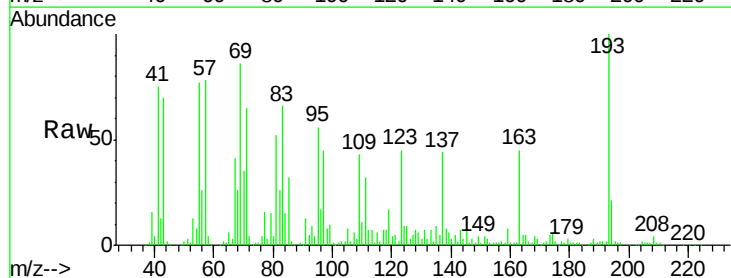
RT: 9.59 min Scan# 639

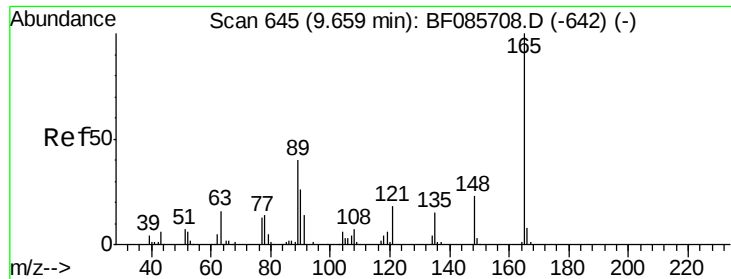
Delta R.T. -0.00 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

Tgt Ion:	163	Resp:	92903
Ion Ratio	Lower	Upper	
163	100		
194	47.3	2.9	4.3#
164	11.6	8.3	12.5





#50

2,6-Dinitrotoluene

Concen: 9.94 ng

RT: 9.65 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

Instrument :

BNA_F

ClientSampleId :

3

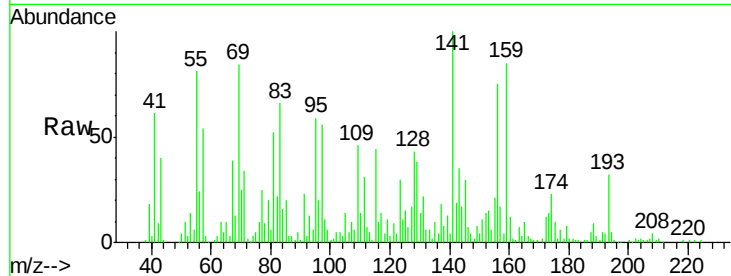
Tgt Ion:165 Resp: 21222

Ion Ratio Lower Upper

165 100

63 97.4 51.8 77.8#

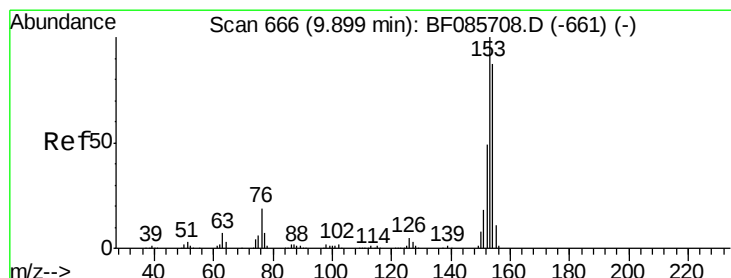
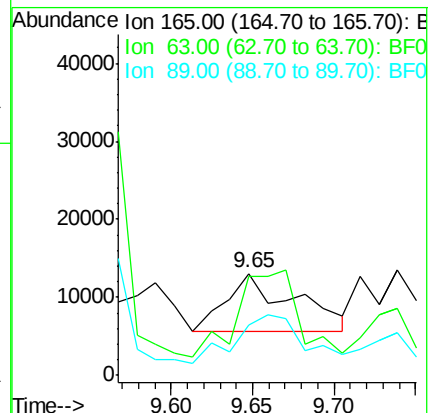
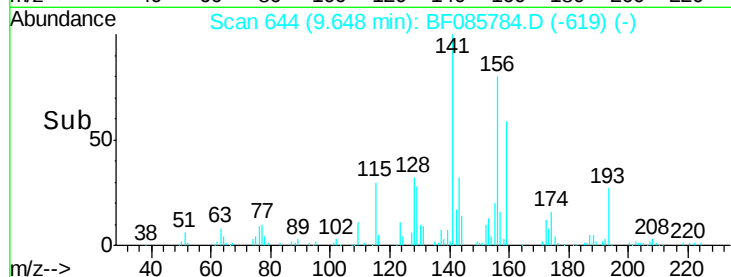
89 48.8 53.7 80.5#



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: 6.86 ng

RT: 9.91 min Scan# 667

Delta R.T. 0.01 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

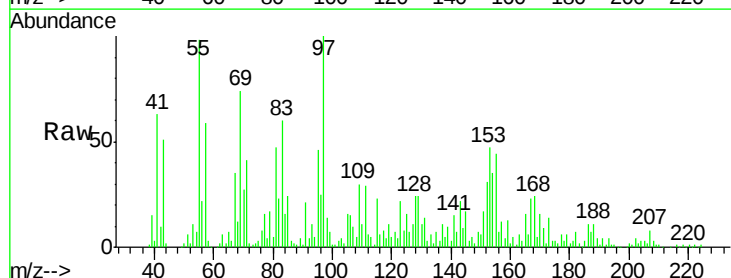
Tgt Ion:154 Resp: 55412

Ion Ratio Lower Upper

154 100

153 132.7 90.1 135.1

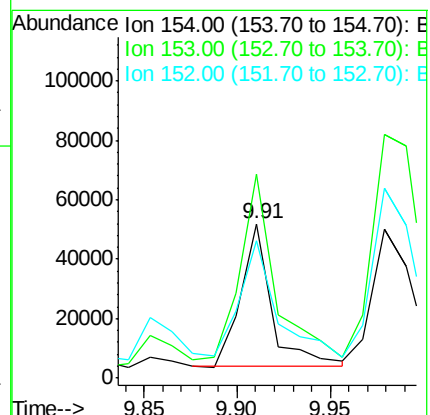
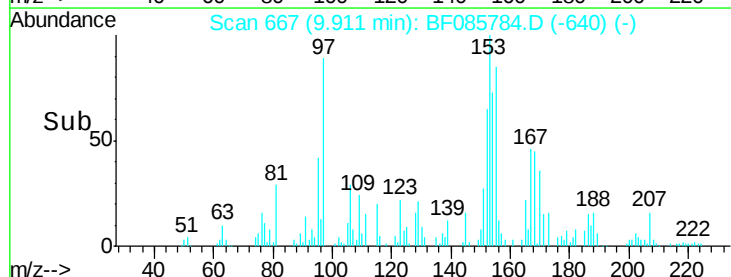
152 88.9 44.2 66.2#

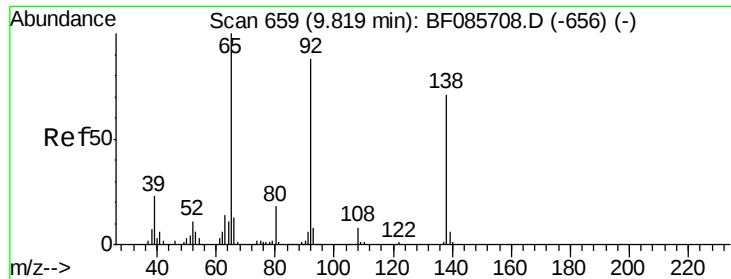


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 6.77 ng

RT: 9.83 min Scan# 660

Delta R.T. 0.01 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

Instrument :

BNA_F

ClientSampled :

3

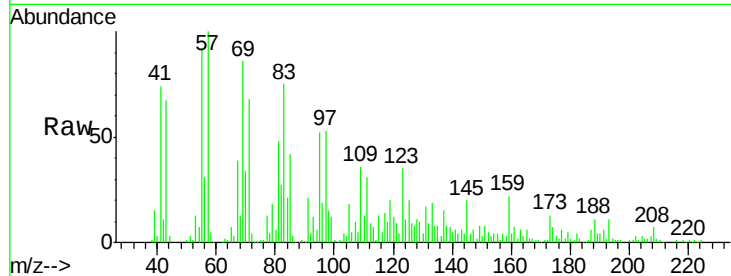
Tgt Ion:138 Resp: 16541

Ion Ratio Lower Upper

138 100

108 63.6 8.7 13.1#

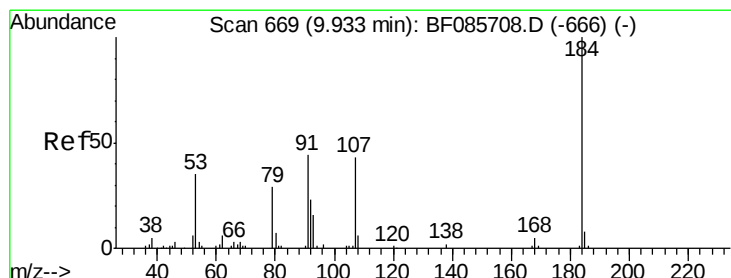
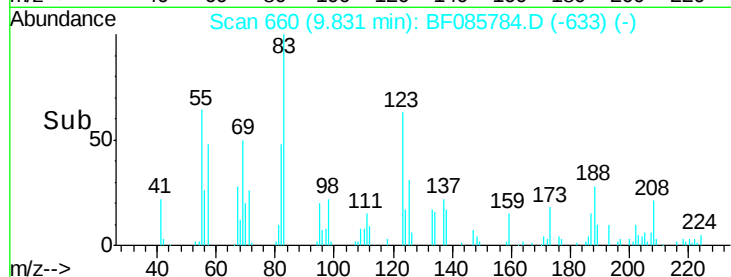
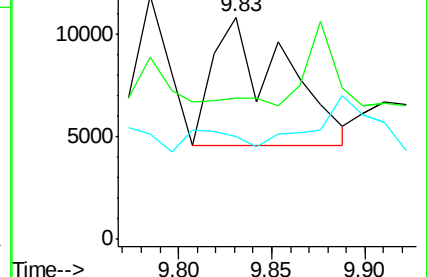
92 46.1 93.3 139.9#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 6.75 ng

RT: 9.92 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

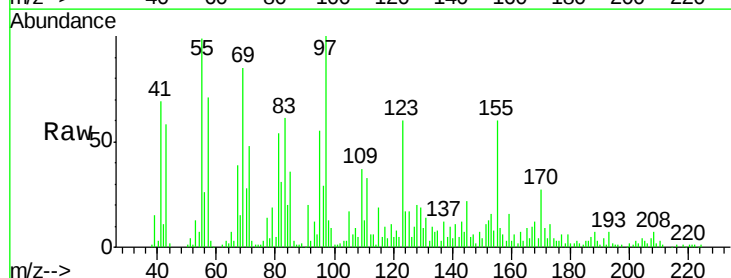
Tgt Ion:184 Resp: 826

Ion Ratio Lower Upper

184 100

63 676.6 69.5 104.3#

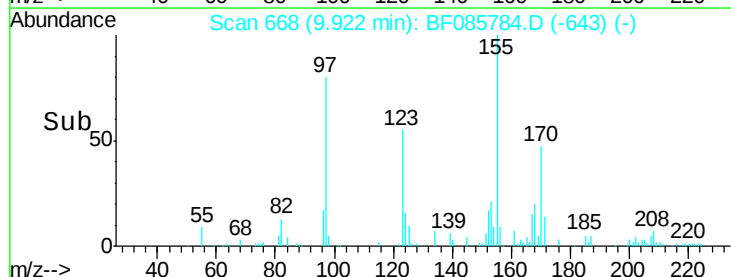
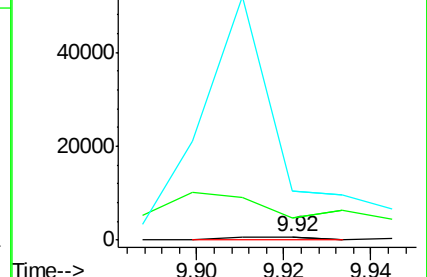
154 1506.6 58.3 87.5#

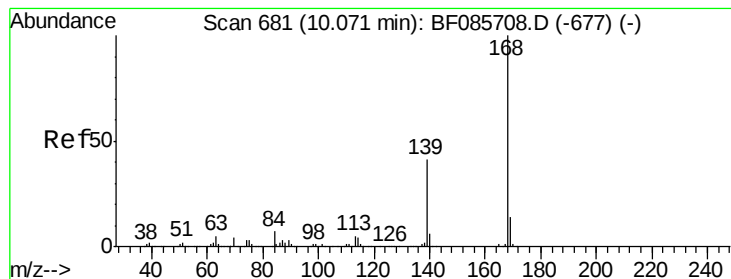


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 2.54 ng

RT: 10.08 min Scan# 682

Delta R.T. 0.01 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

Instrument :

BNA_F

ClientSampleId :

3

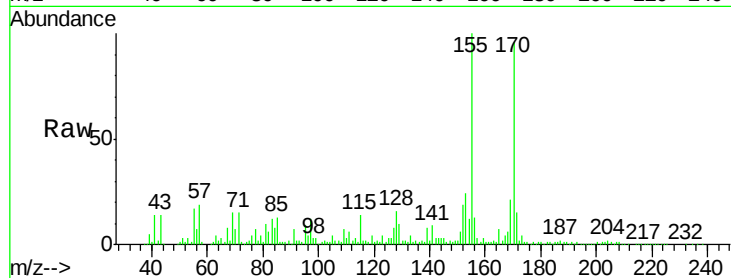
Tgt Ion:168 Resp: 26508

Ion Ratio Lower Upper

168 100

139 136.1 31.9 47.9#

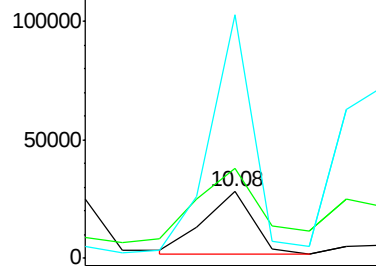
169 366.6 11.0 16.6#



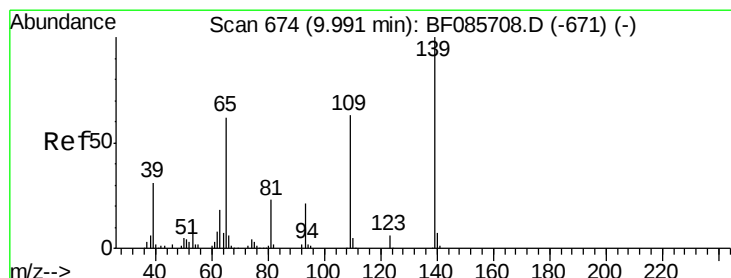
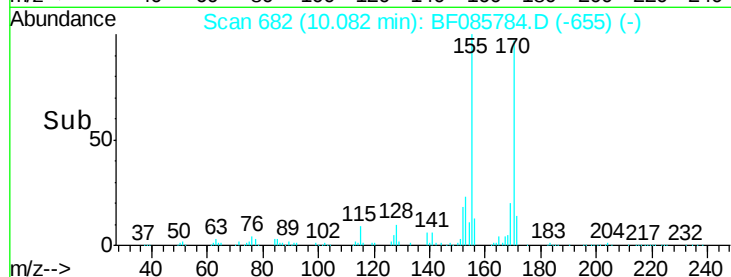
Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



Time-->



#55

4-Nitrophenol

Concen: 35.58 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

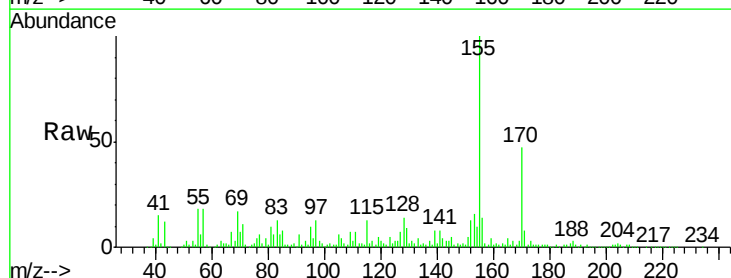
Tgt Ion:139 Resp: 56668

Ion Ratio Lower Upper

139 100

109 91.7 49.2 89.2#

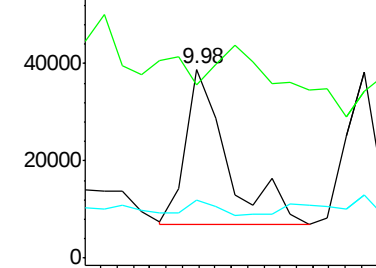
65 31.0 66.9 106.9#



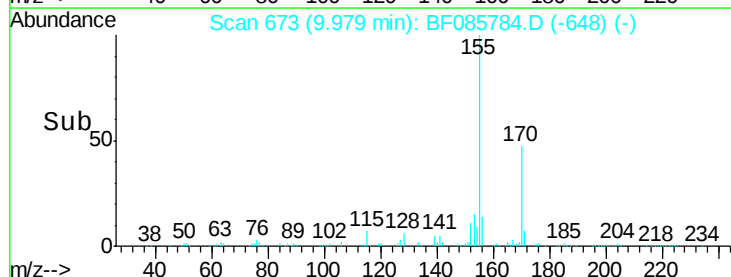
Abundance Ion 139.00 (138.70 to 139.70): E

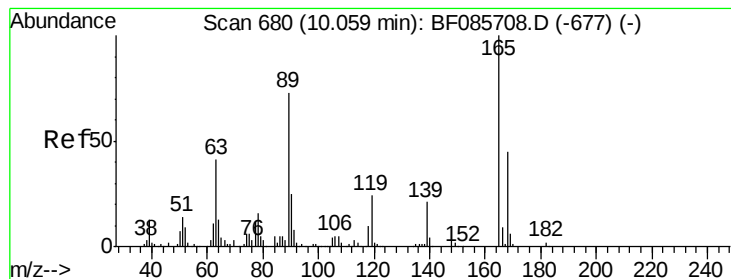
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



Time-->





#56

2,4-Dinitrotoluene

Concen: 8.92 ng

RT: 10.08 min Scan# 682

Delta R.T. 0.02 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

Instrument :

BNA_F

ClientSampleId :

3

Tgt Ion:165 Resp: 24224

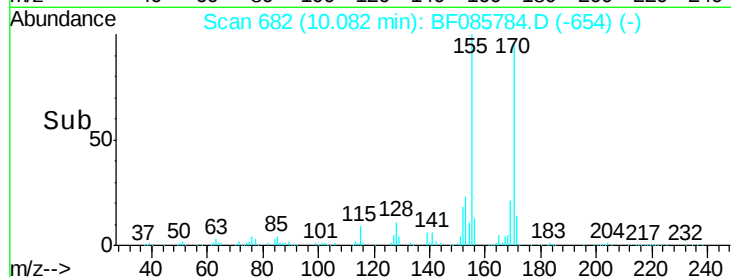
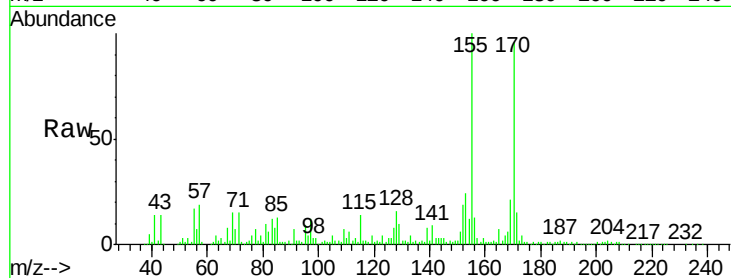
Ion Ratio Lower Upper

165 100

63 58.0 24.9 37.3#

89 31.1 41.0 61.6#

182 11.2 2.1 3.1#

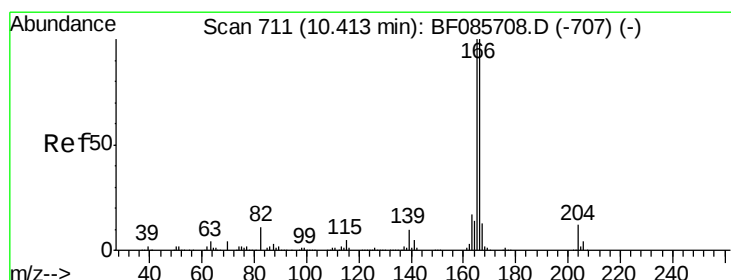
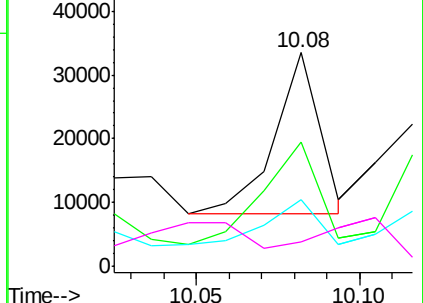


Abundance Ion 165.00 (164.70 to 165.70): E

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



#57

Fluorene

Concen: 12.05 ng

RT: 10.42 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

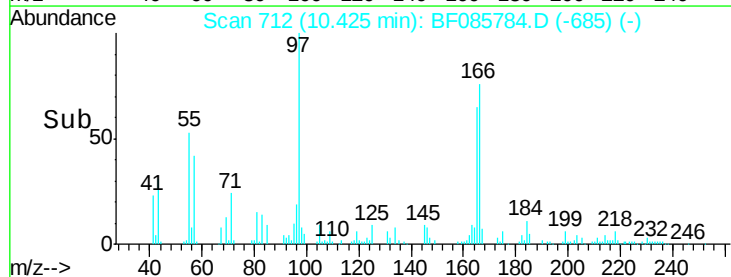
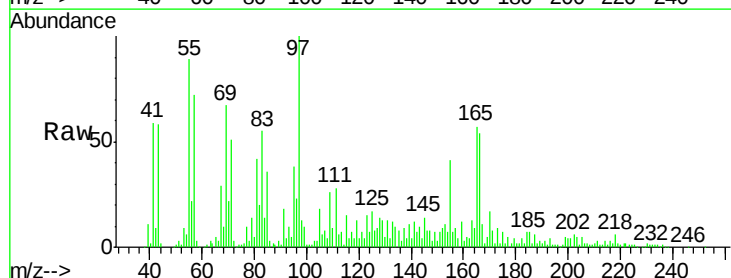
Tgt Ion:166 Resp: 104711

Ion Ratio Lower Upper

166 100

165 105.2 79.4 119.0

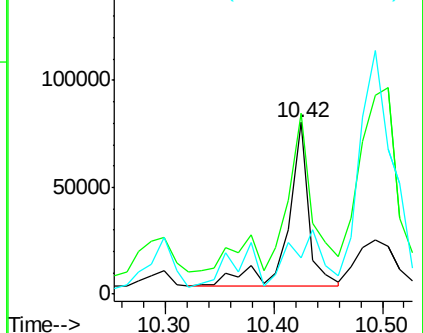
167 20.8 11.0 16.4#

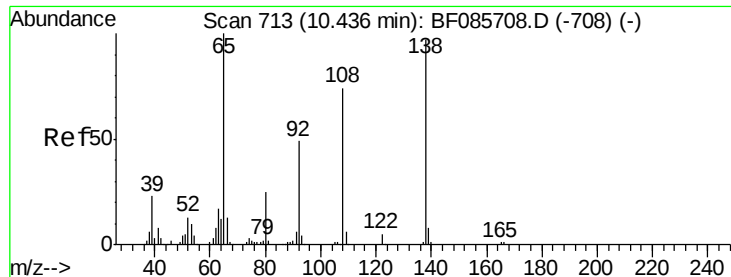


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#61

4-Nitroaniline

Concen: 2.56 ng

RT: 10.29 min Scan# 700

Delta R.T. -0.15 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

Instrument :

BNA_F

ClientSampled :

3

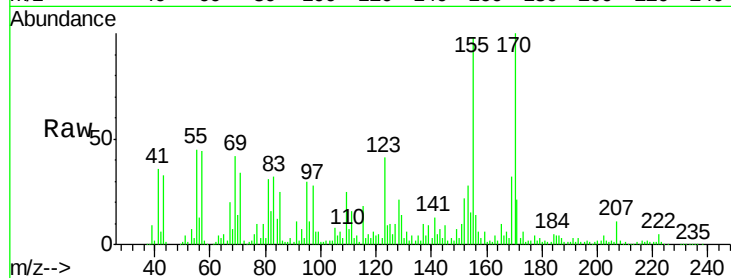
Tgt Ion:138 Resp: 5975

Ion Ratio Lower Upper

138 100

92 53.9 26.4 66.4

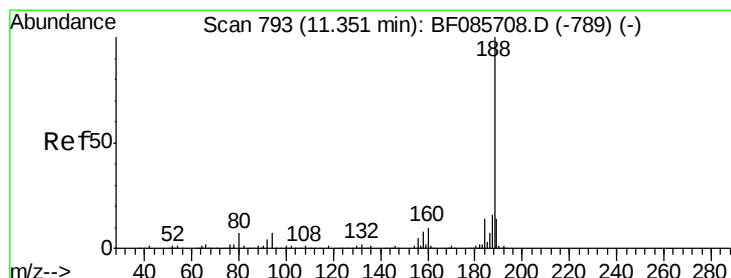
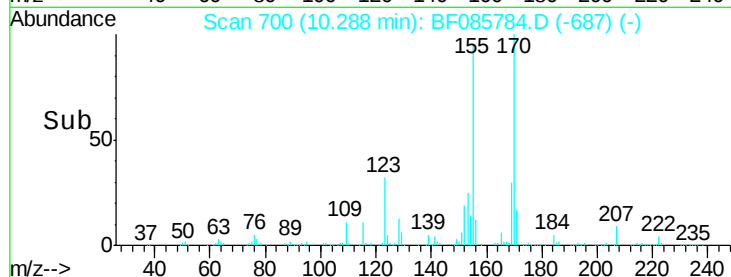
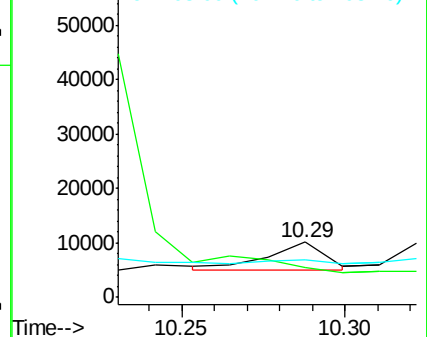
108 68.0 49.0 89.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

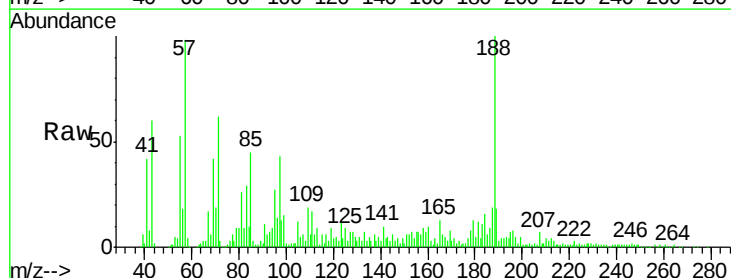
Tgt Ion:188 Resp: 203064

Ion Ratio Lower Upper

188 100

94 9.1 5.4 8.0#

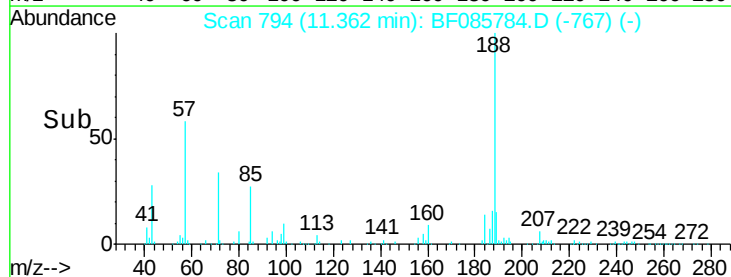
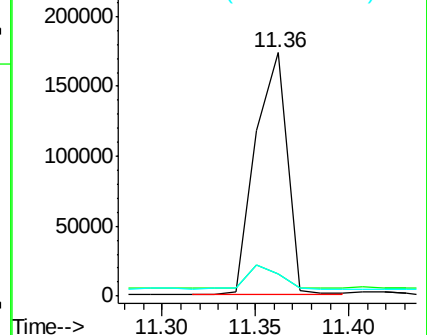
80 9.1 5.5 8.3#

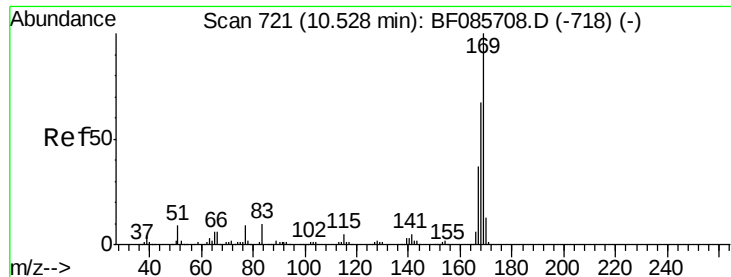


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#65

n-Nitrosodiphenylamine

Concen: 43.76 ng

RT: 10.54 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

Instrument :

BNA_F

ClientSampled :

3

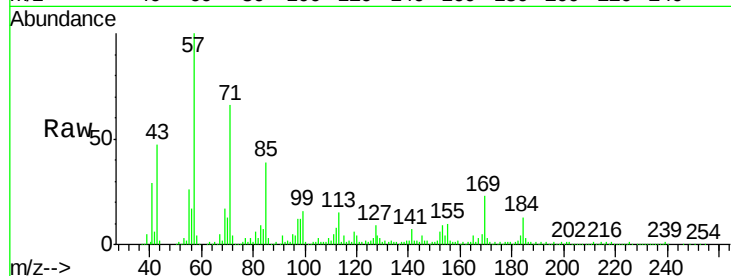
Tgt Ion:169 Resp: 281428

Ion Ratio Lower Upper

169 100

168 24.2 54.4 81.6#

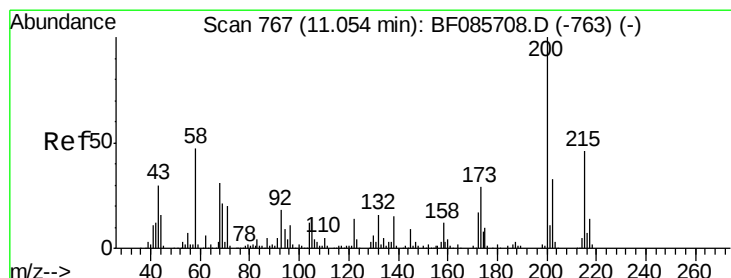
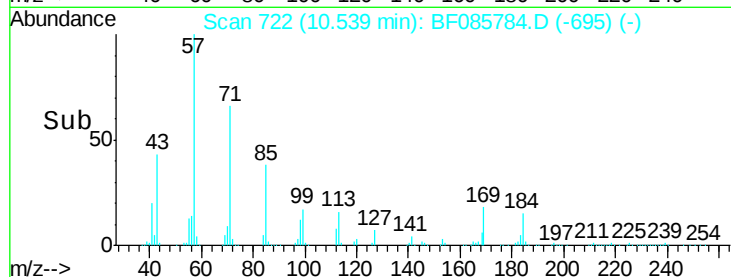
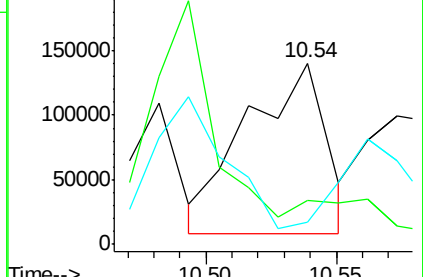
167 12.4 29.4 44.0#



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



#68

Atrazine

Concen: 2.97 ng

RT: 11.05 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

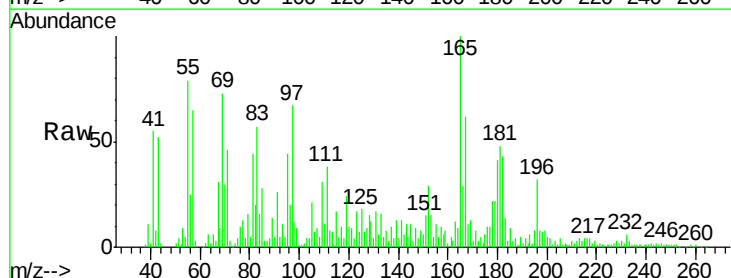
Tgt Ion:200 Resp: 6453

Ion Ratio Lower Upper

200 100

173 116.2 7.7 47.7#

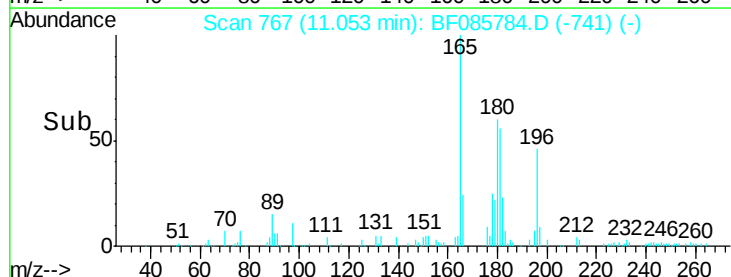
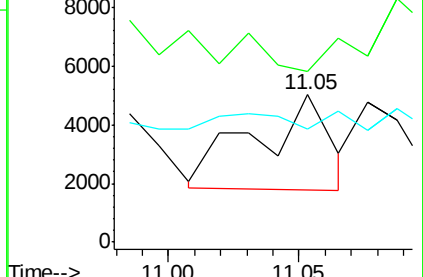
215 77.0 25.4 65.4#

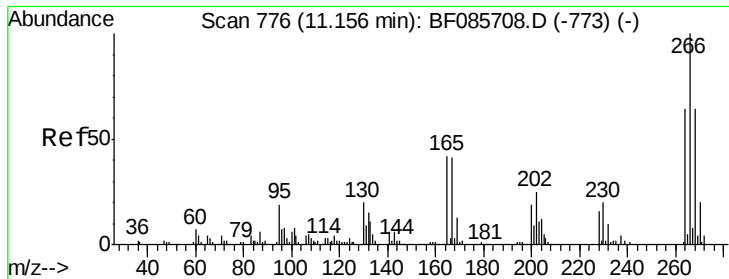


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

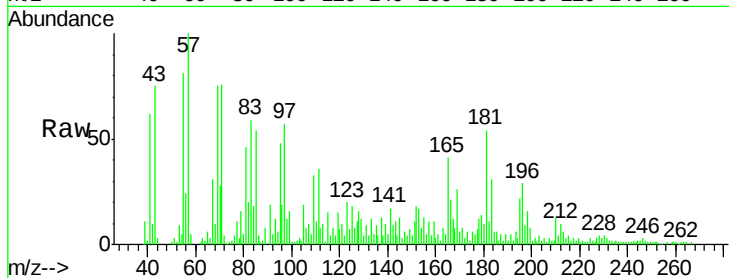




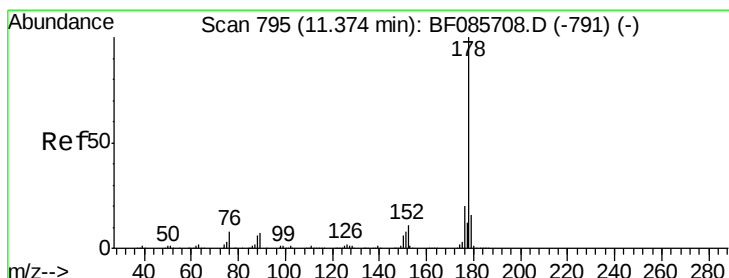
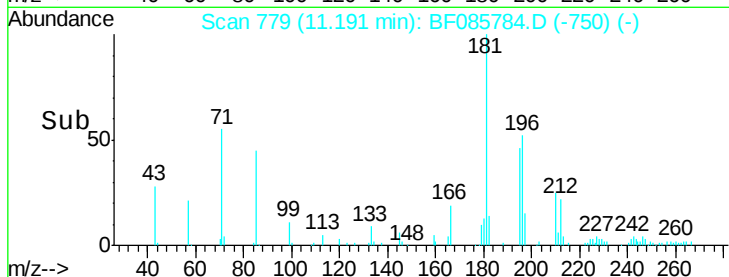
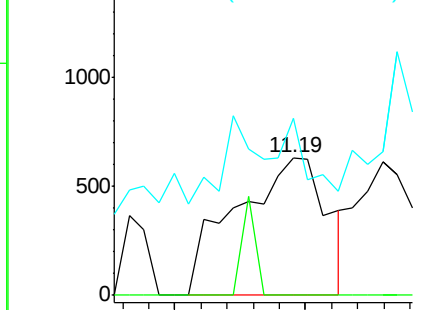
#69
 Pentachlorophenol
 Concen: 2.89 ng
 RT: 11.19 min Scan# 779
 Delta R.T. 0.03 min
 Lab File: BF085784.D
 Acq: 26 Mar 2016 2:00

Instrument :
 BNA_F
 ClientSampled :
 3

Tgt Ion: 266 Resp: 3081
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.5 77.3#
 264 128.1 50.6 76.0#

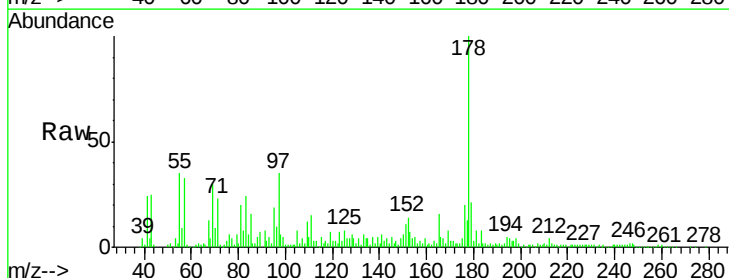


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

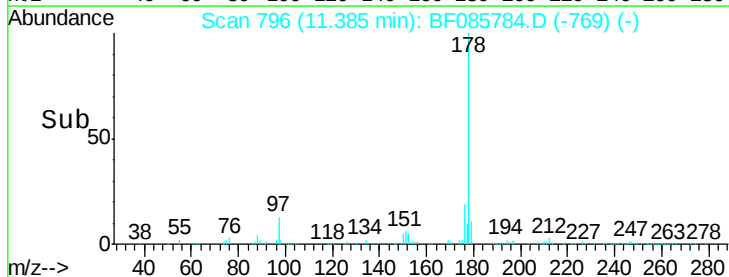
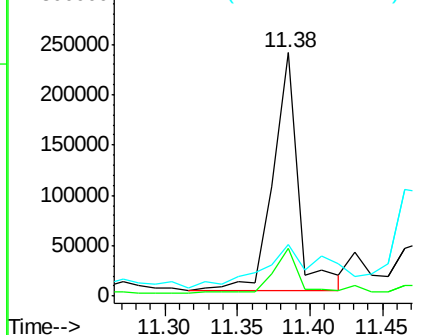


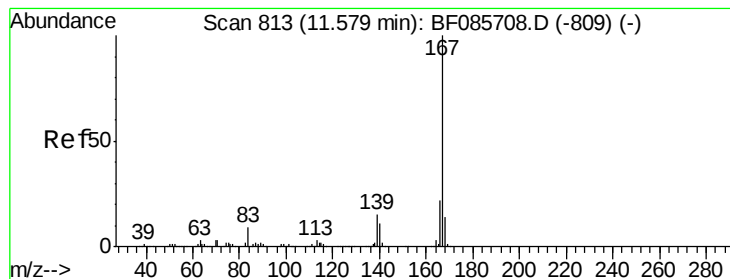
#70
 Phenanthrene
 Concen: 27.43 ng
 RT: 11.38 min Scan# 796
 Delta R.T. 0.01 min
 Lab File: BF085784.D
 Acq: 26 Mar 2016 2:00

Tgt Ion: 178 Resp: 285964
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.3 24.5
 179 21.0 12.6 18.8#



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.24 ng

RT: 11.49 min Scan# 805

Delta R.T. -0.09 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

Instrument :

BNA_F

ClientSampleId :

3

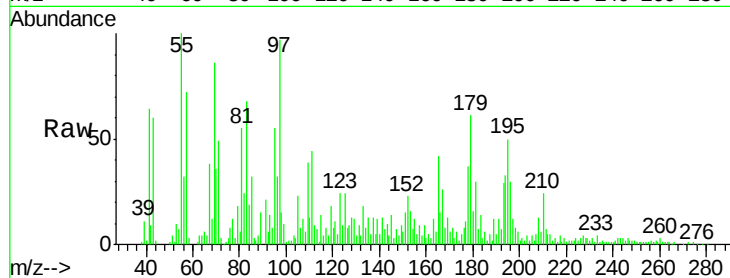
Tgt Ion:167 Resp: 20540

Ion Ratio Lower Upper

167 100

166 58.6 17.8 26.8#

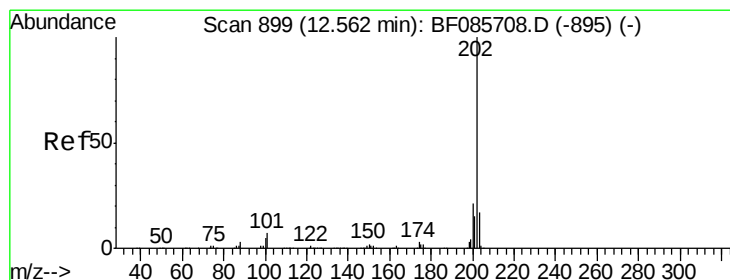
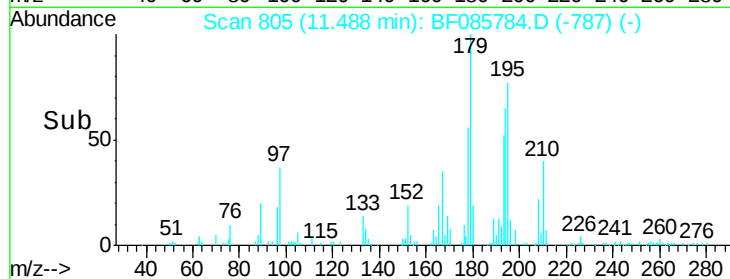
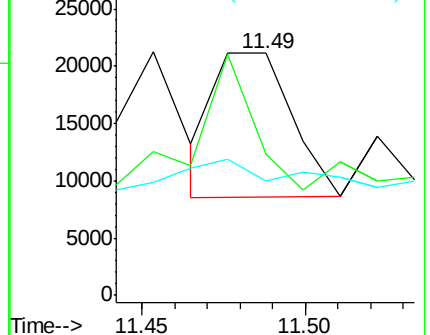
139 47.0 11.6 17.4#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 5.59 ng

RT: 12.79 min Scan# 919

Delta R.T. 0.23 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

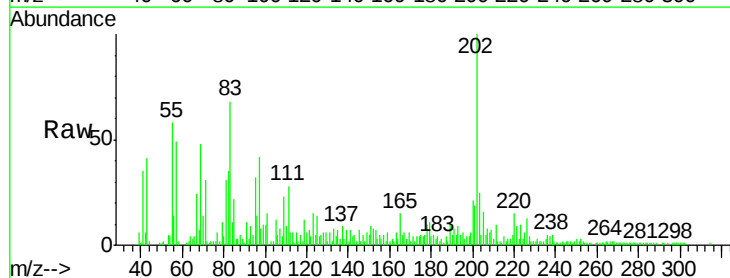
Tgt Ion:202 Resp: 61952

Ion Ratio Lower Upper

202 100

101 14.9 0.0 36.6

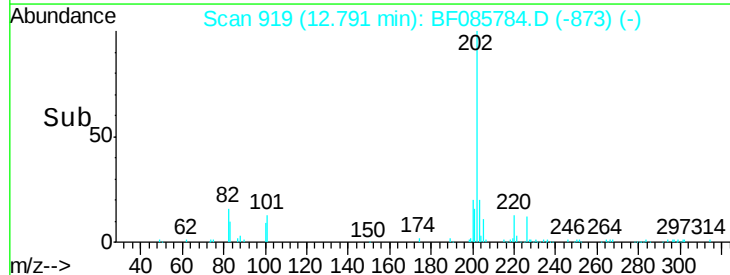
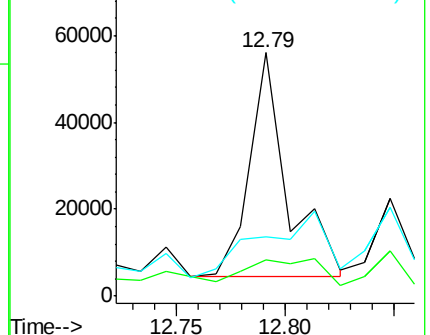
203 24.6 0.0 38.1

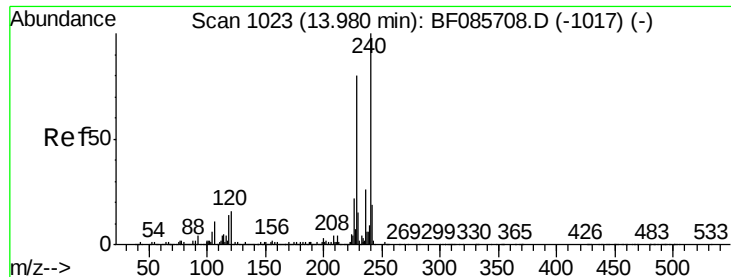


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

Instrument :

BNA_F

ClientSampleId :

3

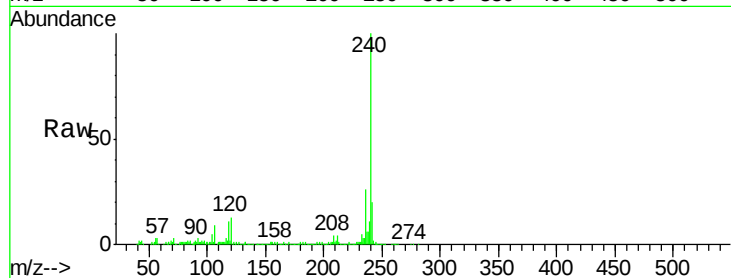
Tgt Ion:240 Resp: 225943

Ion Ratio Lower Upper

240 100

120 13.2 13.8 20.8#

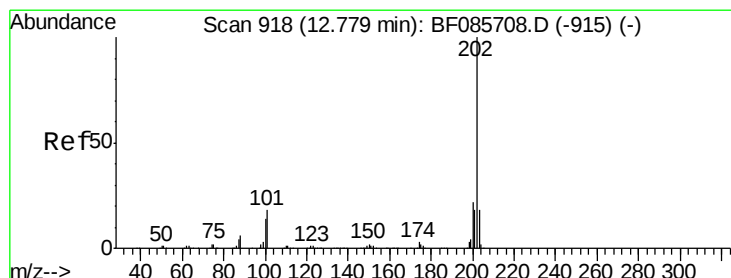
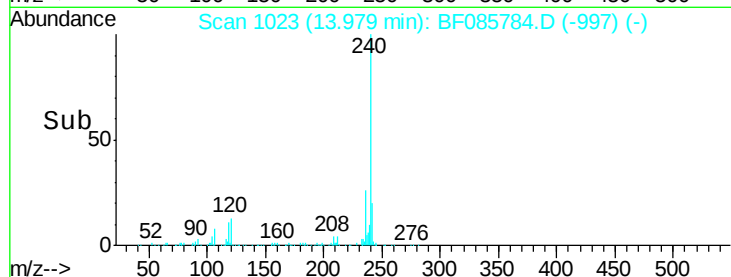
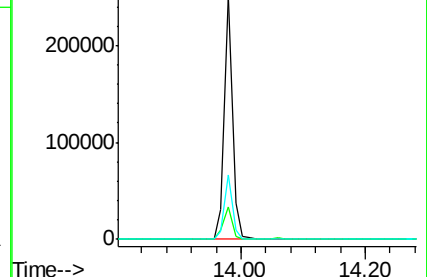
236 26.4 20.6 30.8



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



#77

Pyrene

Concen: 3.34 ng

RT: 12.79 min Scan# 919

Delta R.T. 0.01 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

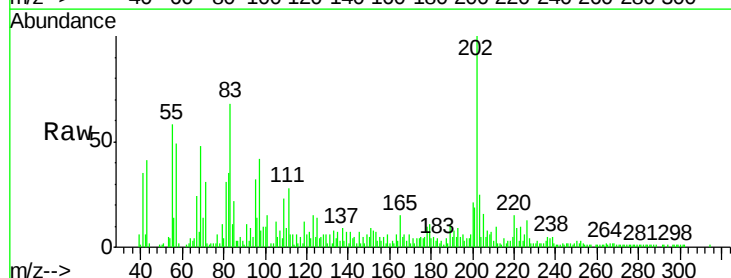
Tgt Ion:202 Resp: 61952

Ion Ratio Lower Upper

202 100

200 20.9 17.6 26.4

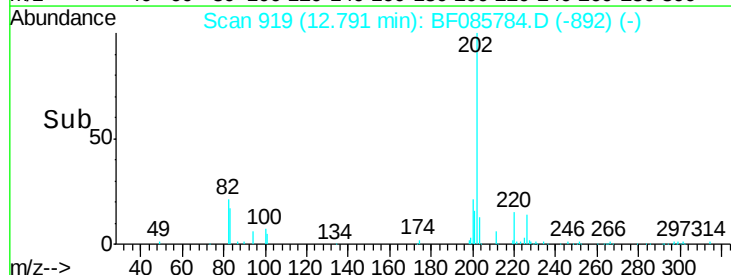
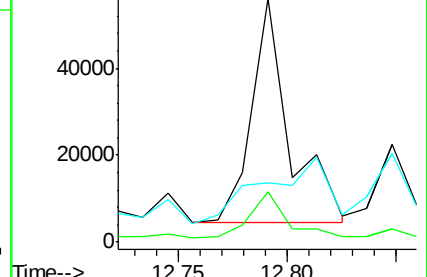
203 24.6 14.0 21.0#

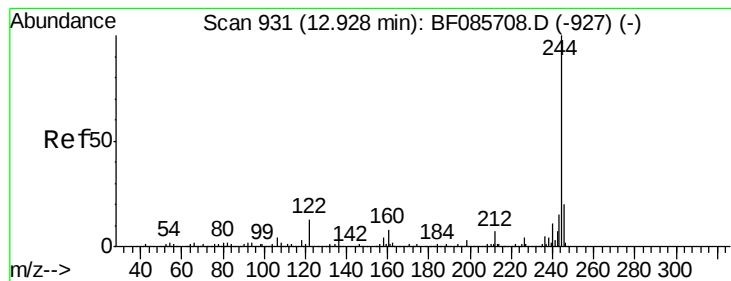


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 53.63 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

Instrument :

BNA_F

ClientSampleId :

3

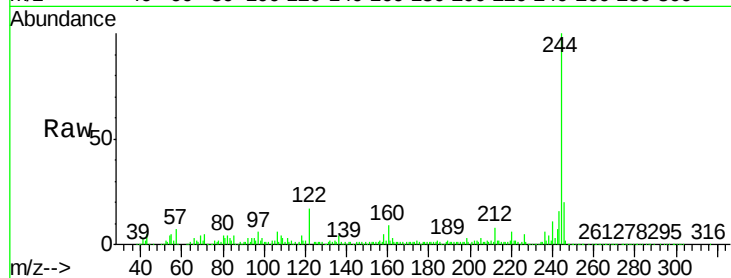
Tgt Ion:244 Resp: 589143

Ion Ratio Lower Upper

244 100

212 7.9 6.1 9.1

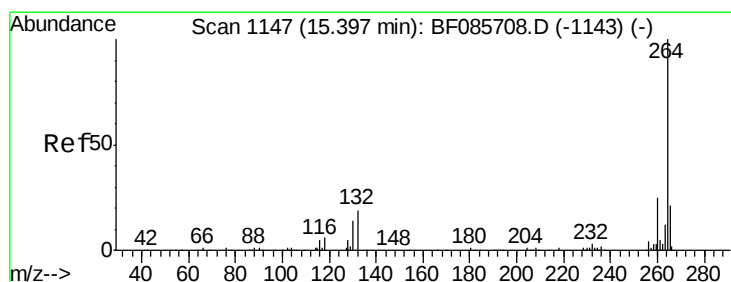
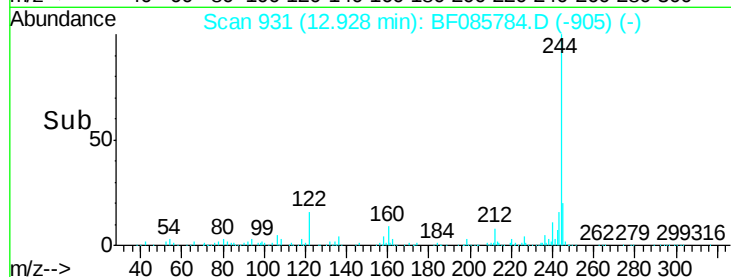
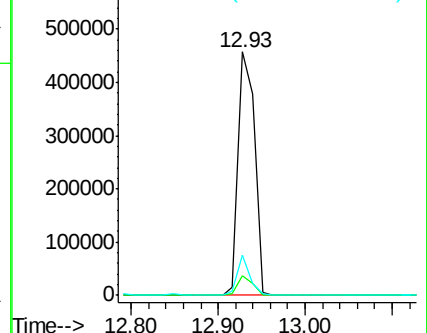
122 16.7 10.2 15.4#



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: 15.40 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BF085784.D

Acq: 26 Mar 2016 2:00

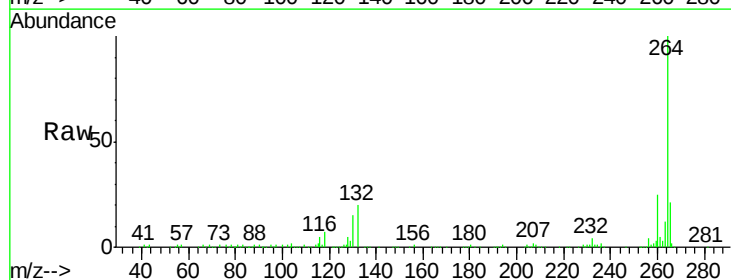
Tgt Ion:264 Resp: 181337

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 21.3 17.2 25.8



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

