

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072116\
 Data File : BF089183.D
 Acq On : 21 Jul 2016 16:42
 Operator : UM/SJ
 Sample : H4129-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KMW-03-0.2-2.0

Quant Time: Jul 22 01:10:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	44772	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	182318	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	73525	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	112300	20.00	ng	0.00
75) Chrysene-d12	13.73	240	92593	20.00	ng	0.00
86) Perylene-d12	15.07	264	83419	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	306985	104.28	ng	0.00
7) Phenol-d6	6.26	99	428048	112.75	ng	-0.01
23) Nitrobenzene-d5	7.18	82	270971	78.97	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	53270	80.47	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	405603	76.01	ng	0.00
78) Terphenyl-d14	12.69	244	236741	55.46	ng	0.00

Target Compounds

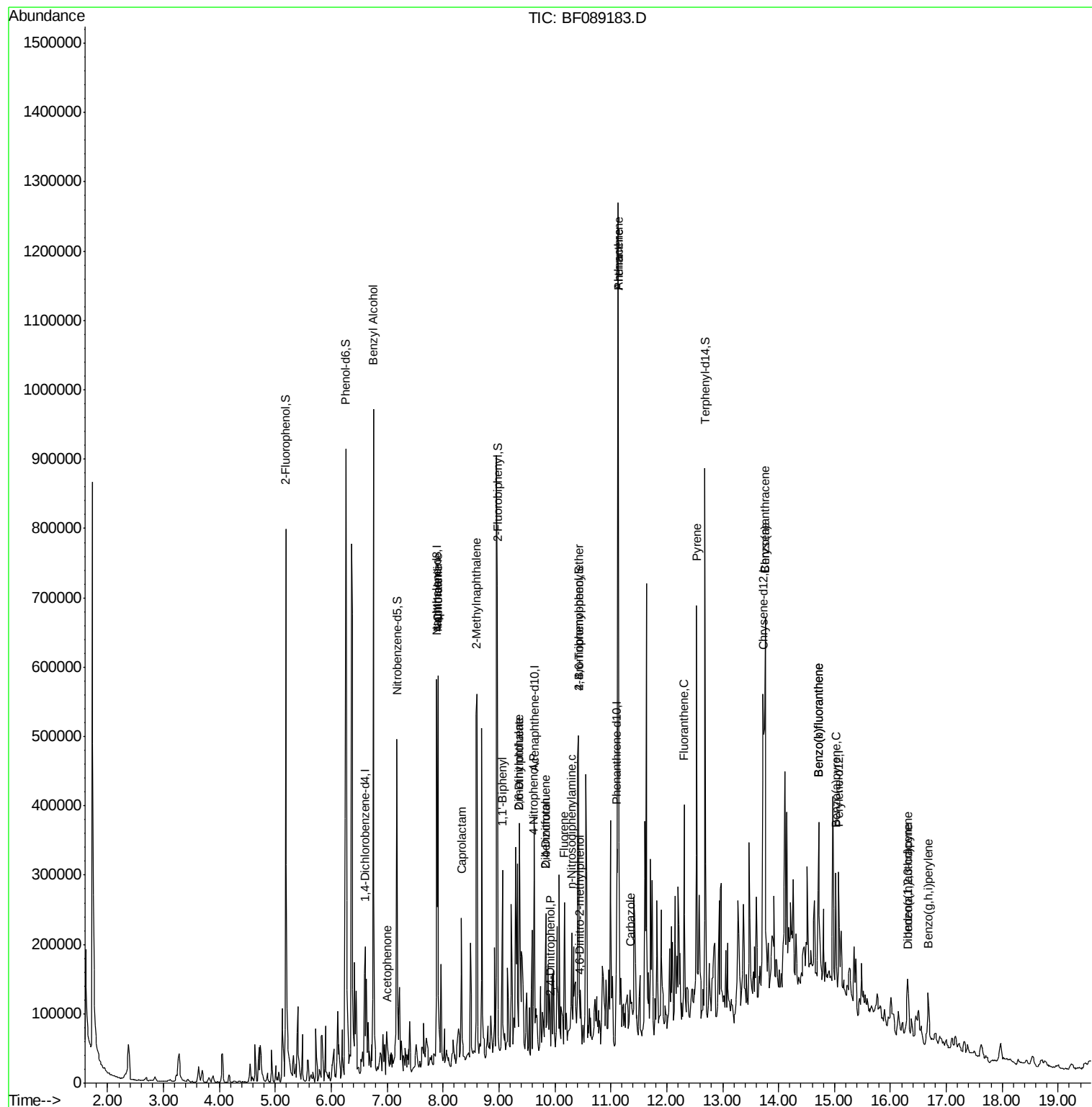
						Qvalue
15) Benzyl Alcohol	6.75	79	9022	3.25	ng	# 48
22) Acetophenone	7.00	105	13212	2.71	ng	# 54
31) Naphthalene	7.91	128	261776	26.60	ng	100
33) 4-Chloroaniline	7.91	127	35440	8.56	ng	# 39
35) Caprolactam	8.33	113	6117	7.69	ng	# 78
37) 2-Methylnaphthalene	8.60	142	233737	37.25	ng	99
45) 1,1'-Biphenyl	9.06	154	29563	4.46	ng	95
49) Dimethylphthalate	9.36	163	130955	23.21	ng	97
50) 2,6-Dinitrotoluene	9.36	165	2778	2.18	ng	# 1
53) 2,4-Dinitrophenol	9.92	184	1610	10.75	ng	# 48
54) Dibenzofuran	9.84	168	43108	6.82	ng	# 90
55) 4-Nitrophenol	9.62	139	1931	2.11	ng	88
56) 2,4-Dinitrotoluene	9.84	165	3601	2.19	ng	# 56
57) Fluorene	10.17	166	14345	2.67	ng	# 64
64) 4,6-Dinitro-2-methylphenol	10.44	198	2338	3.58	ng	# 59
65) n-Nitrosodiphenylamine	10.30	169	11551	3.08	ng	# 41
66) 4-Bromophenyl-phenylether	10.42	248	3987	3.59	ng	# 1
70) Phenanthrene	11.13	178	476690	77.38	ng	100
71) Anthracene	11.13	178	476690	74.45	ng	98
72) Carbazole	11.35	167	32052	5.70	ng	94
74) Fluoranthene	12.31	202	124589	19.24	ng	98
77) Pyrene	12.54	202	270407	35.36	ng	99
80) Benzo(a)anthracene	13.76	228	413587	70.13	ng	94
82) Chrysene	13.76	228	413587	73.42	ng	96
85) Indeno(1,2,3-cd)pyrene	16.31	276	39963	9.77	ng	96
87) Benzo(b)fluoranthene	14.72	252	130851	21.66	ng	97
88) Benzo(k)fluoranthene	14.72	252	129395	29.95	ng	# 96
89) Benzo(a)pyrene	15.03	252	77387	16.50	ng	# 94
90) Dibenzo(a,h)anthracene	16.32	278	30603	8.26	ng	# 77
91) Benzo(g,h,i)perylene	16.67	276	52291	14.00	ng	94

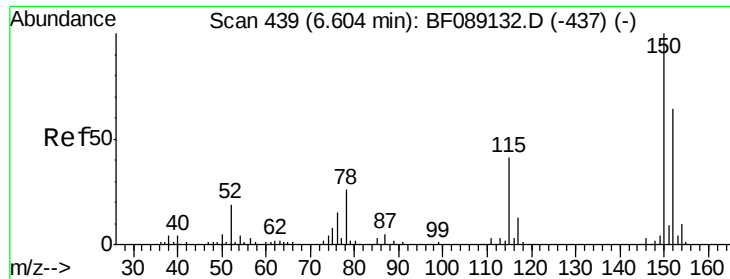
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF089183.D

Acq: 21 Jul 2016 16:42

Instrument :

BNA_F

ClientSampleId :

KMW-03-0.2-2.0

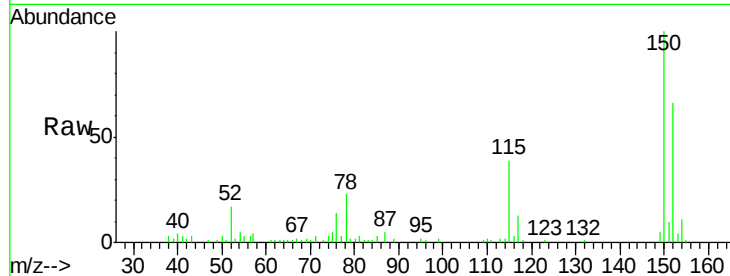
Tgt Ion:152 Resp: 44772

Ion Ratio Lower Upper

152 100

150 151.6 125.1 187.7

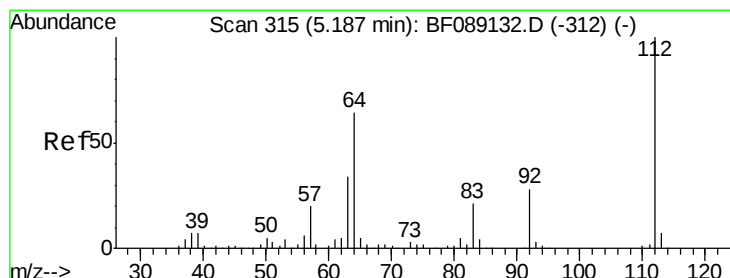
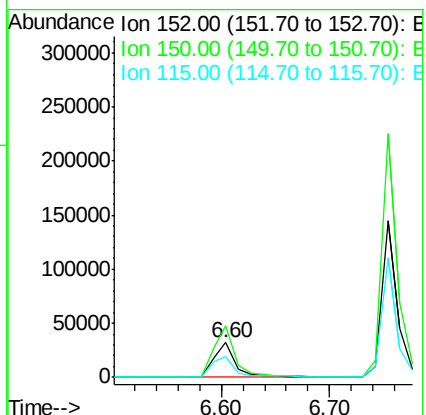
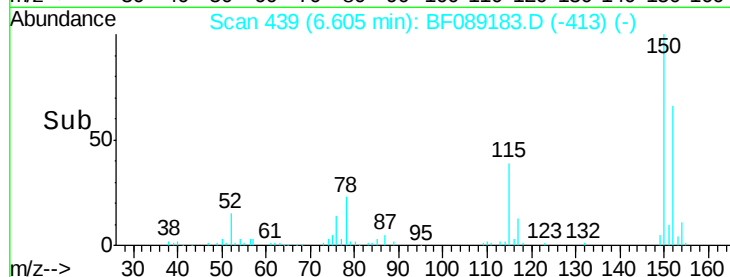
115 58.9 51.1 76.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 104.28 ng

RT: 5.19 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF089183.D

Acq: 21 Jul 2016 16:42

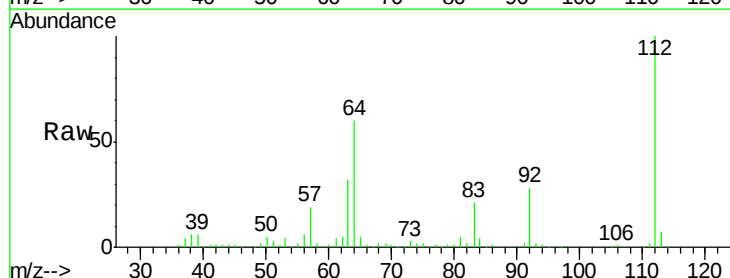
Tgt Ion:112 Resp: 306985

Ion Ratio Lower Upper

112 100

64 60.4 51.0 76.4

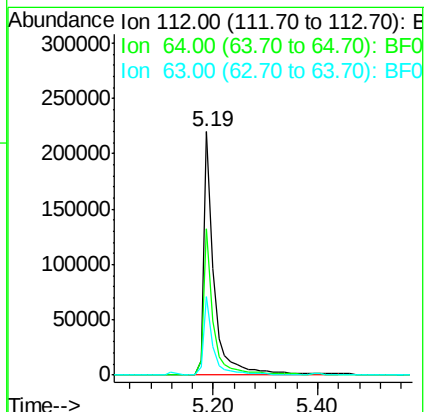
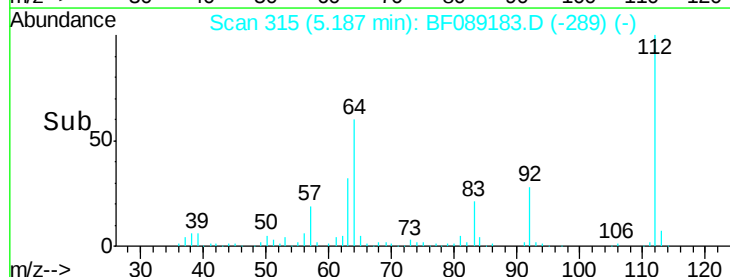
63 32.3 27.3 40.9

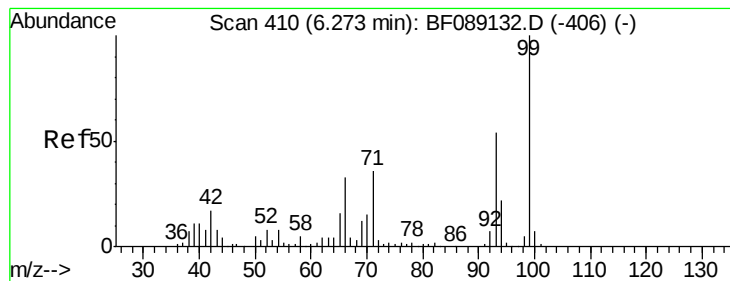


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.75 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089183.D

Acq: 21 Jul 2016 16:42

Instrument :

BNA_F

ClientSampleId :

KMW-03-0.2-2.0

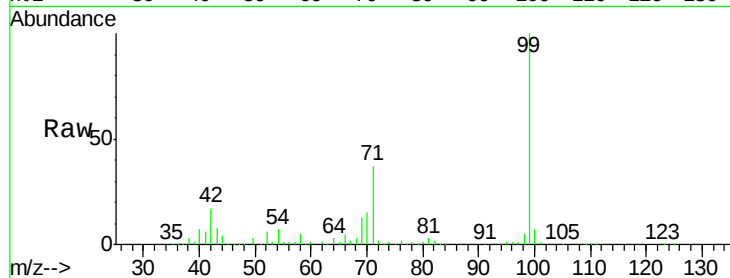
Tgt Ion: 99 Resp: 428048

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

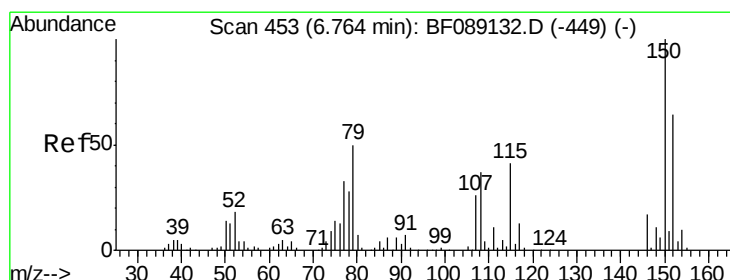
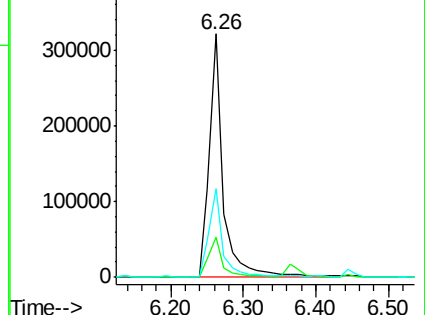
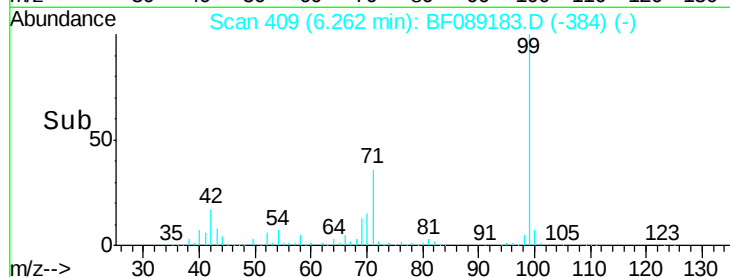
71 36.6 28.9 43.3



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



#15

Benzyl Alcohol

Concen: 3.25 ng

RT: 6.75 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF089183.D

Acq: 21 Jul 2016 16:42

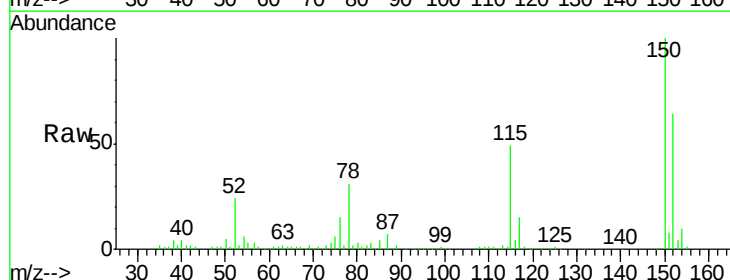
Tgt Ion: 79 Resp: 9022

Ion Ratio Lower Upper

79 100

108 28.8 58.2 87.4#

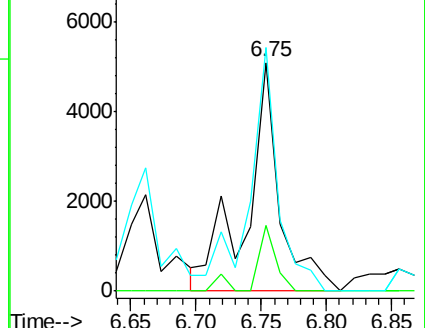
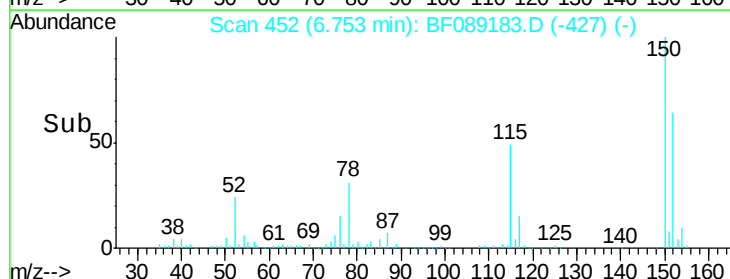
77 106.6 52.2 78.4#

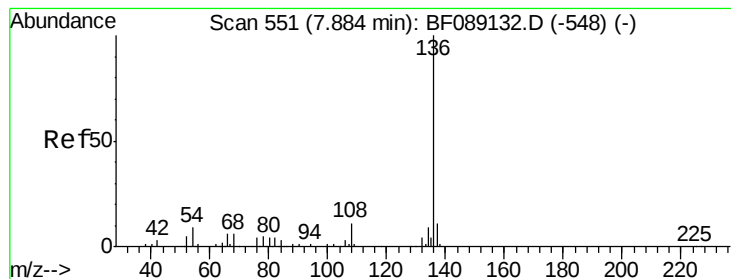


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF089183.D

Acq: 21 Jul 2016 16:42

Instrument :

BNA_F

ClientSampleId :

KMW-03-0.2-2.0

Tgt Ion:136 Resp: 182318

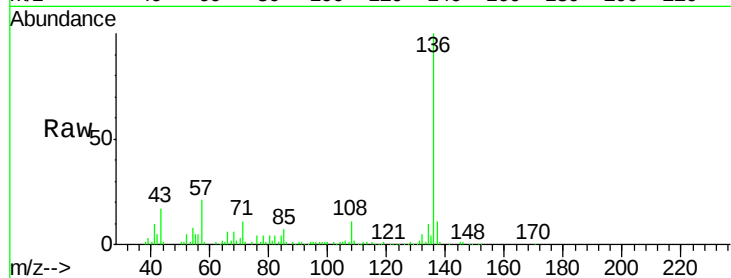
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 7.9 7.0 10.4

68 5.9 5.0 7.6

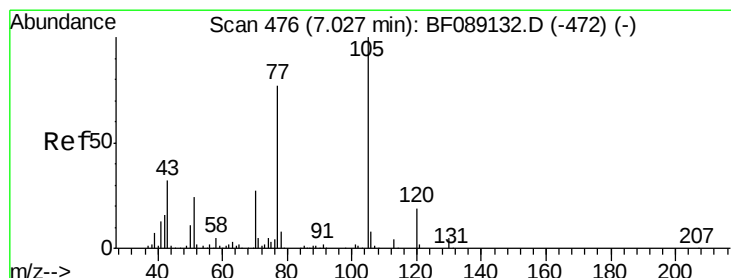
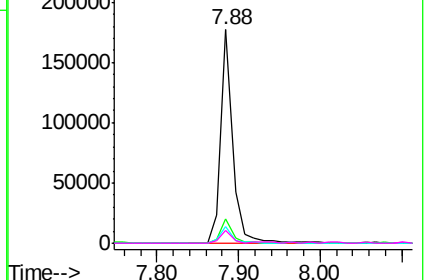
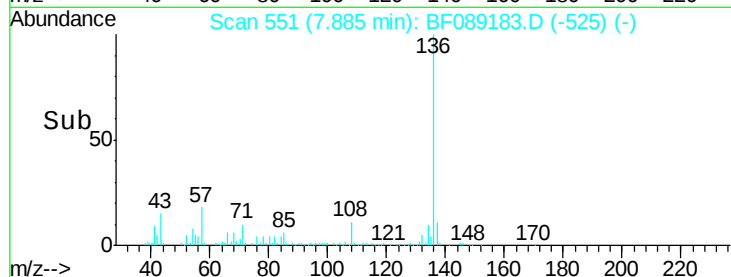


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 2.71 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.02 min

Lab File: BF089183.D

Acq: 21 Jul 2016 16:42

Tgt Ion:105 Resp: 13212

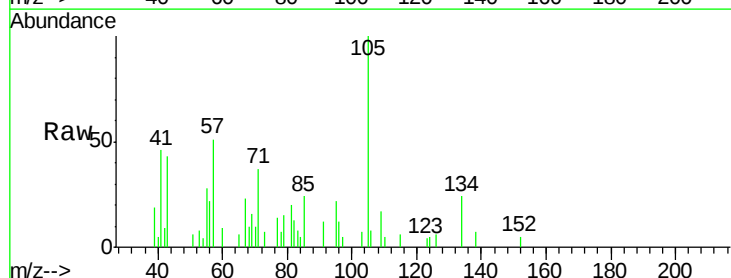
Ion Ratio Lower Upper

105 100

71 36.5 3.8 5.6#

51 5.6 19.6 29.4#

120 0.0 15.5 23.3#

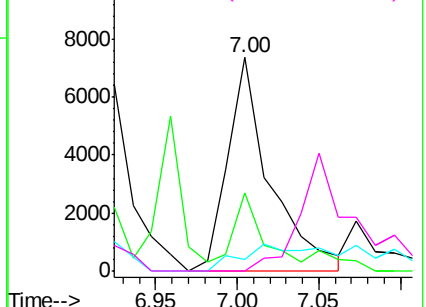
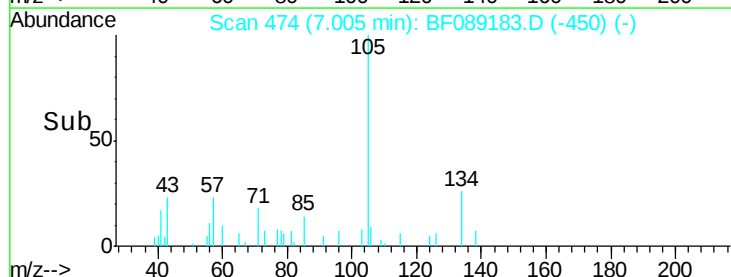


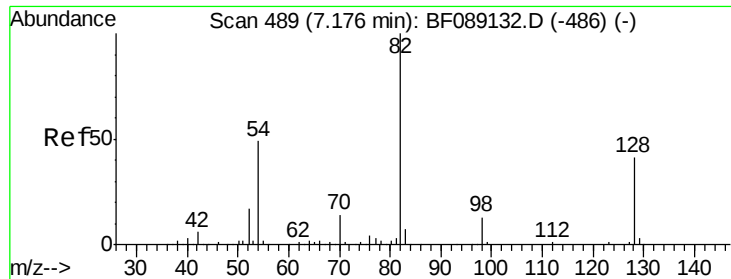
Abundance Ion 105.00 (104.70 to 105.70): E

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

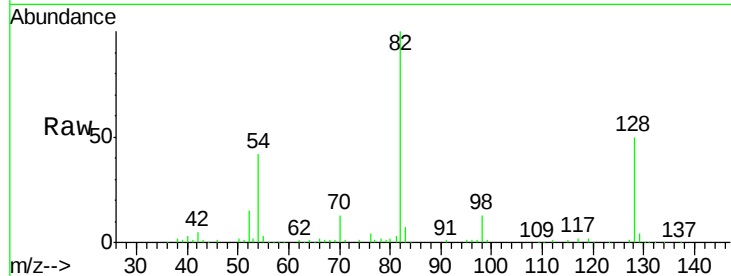




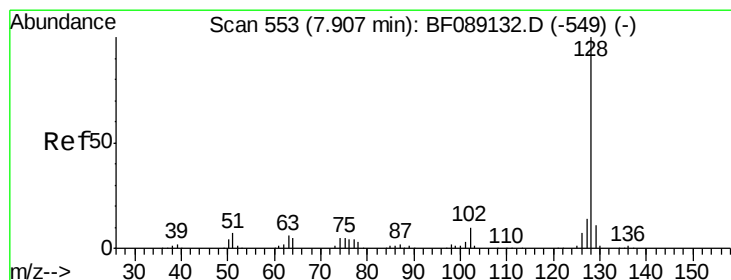
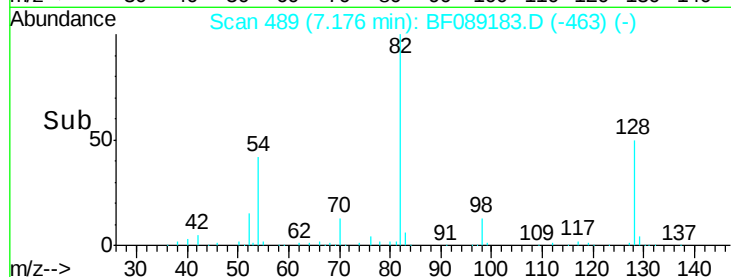
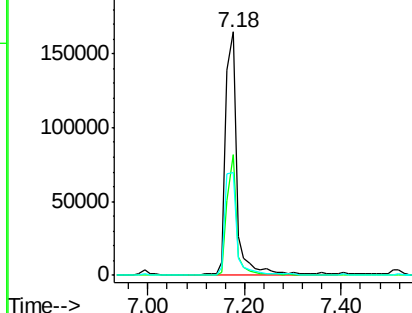
#23
Nitrobenzene-d5
Concen: 78.97 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF089183.D
Acq: 21 Jul 2016 16:42

Instrument :
BNA_F
ClientSampleId :
KMW-03-0.2-2.0

Tgt Ion: 82 Resp: 270971
Ion Ratio Lower Upper
82 100
128 49.5 33.0 49.6
54 42.1 39.0 58.4

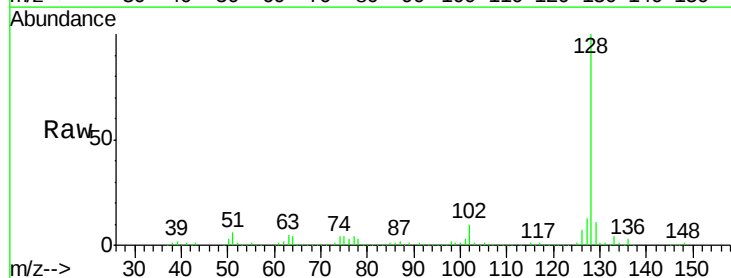


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

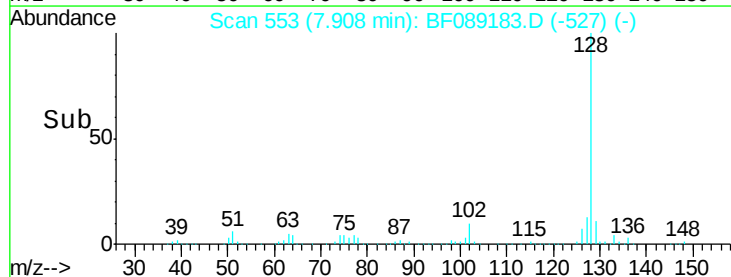
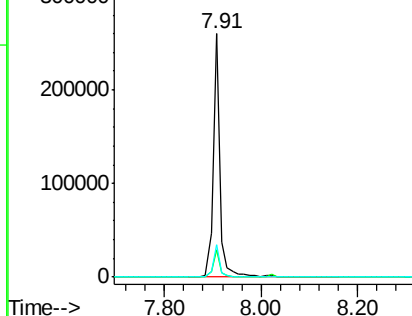


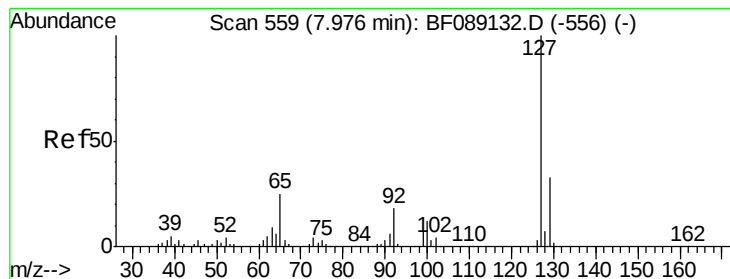
#31
Naphthalene
Concen: 26.60 ng
RT: 7.91 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF089183.D
Acq: 21 Jul 2016 16:42

Tgt Ion: 128 Resp: 261776
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.5 10.8 16.2



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





#33

4-Chloroaniline

Concen: 8.56 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.07 min

Lab File: BF089183.D

Acq: 21 Jul 2016 16:42

Instrument :

BNA_F

ClientSampleId :

KMW-03-0.2-2.0

Tgt Ion:127 Resp: 35440

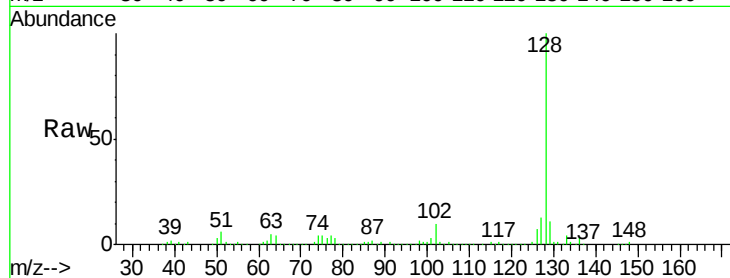
Ion Ratio Lower Upper

127 100

129 81.4 25.9 38.9#

65 3.6 19.7 29.5#

92 0.9 14.3 21.5#

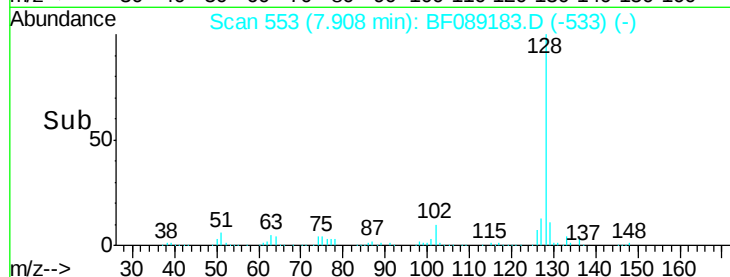


Abundance Ion 127.00 (126.70 to 127.70): E

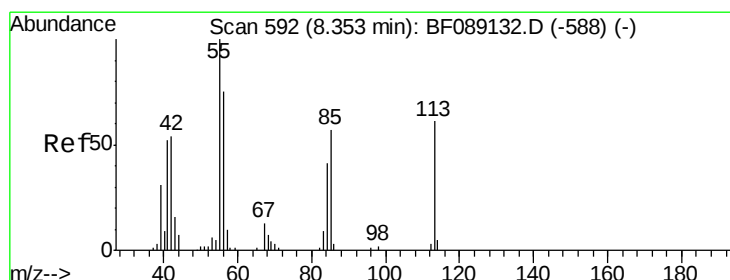
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#35

Caprolactam

Concen: 7.69 ng

RT: 8.33 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF089183.D

Acq: 21 Jul 2016 16:42

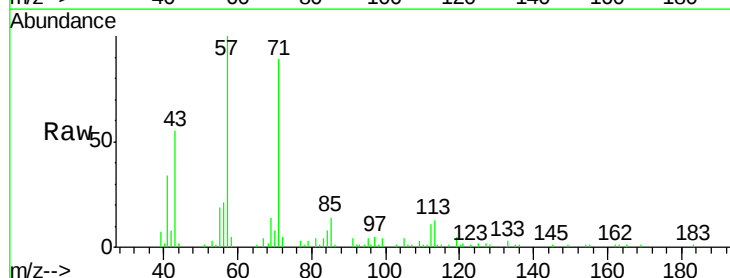
Tgt Ion:113 Resp: 6117

Ion Ratio Lower Upper

113 100

55 141.7 145.3 185.3#

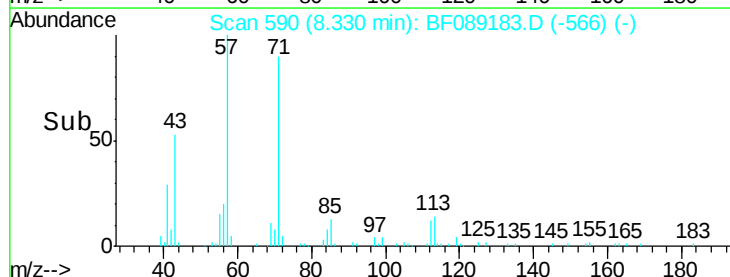
56 154.8 104.3 144.3#



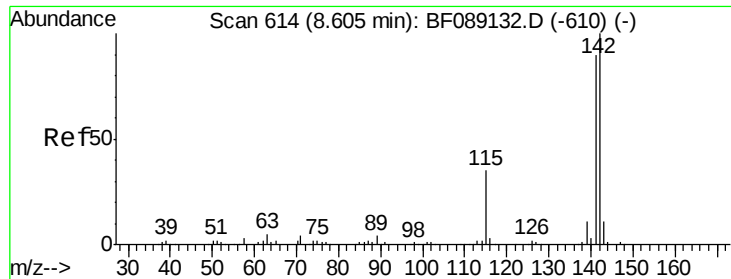
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



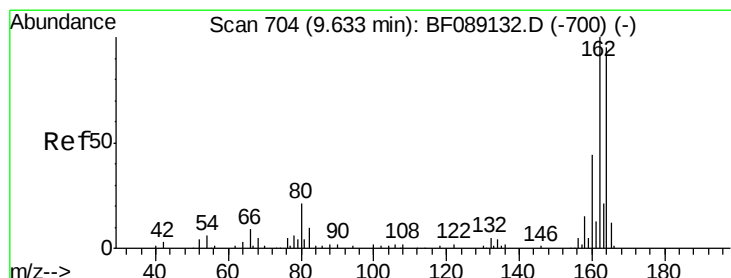
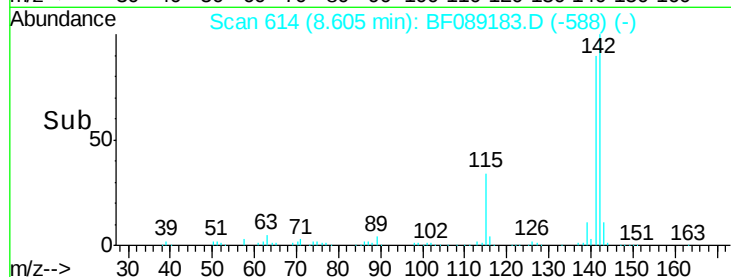
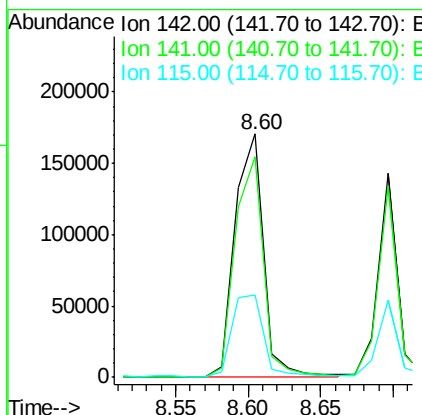
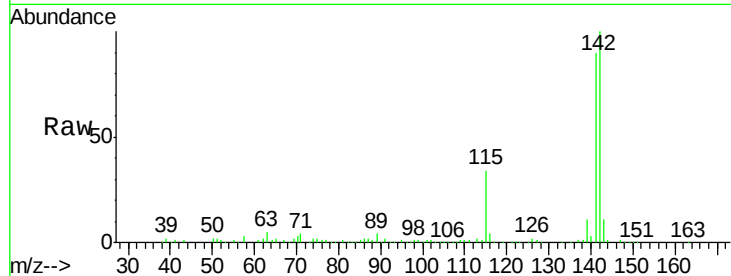
Time-->



#37
2-Methylnaphthalene
Concen: 37.25 ng
RT: 8.60 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF089183.D
Acq: 21 Jul 2016 16:42

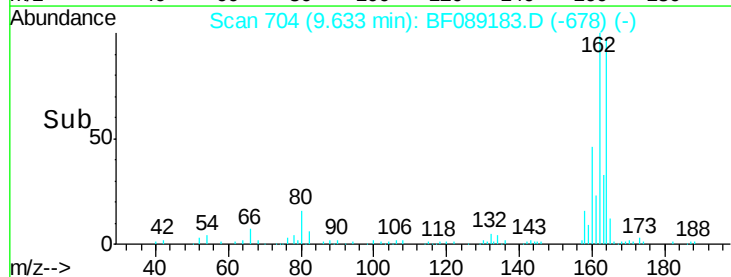
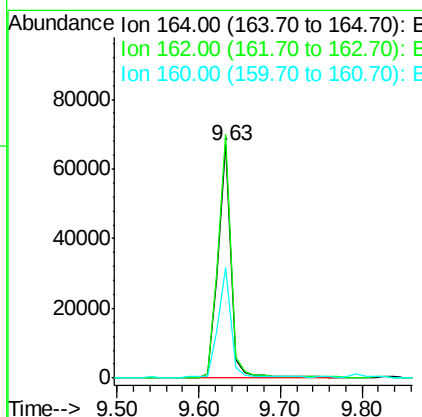
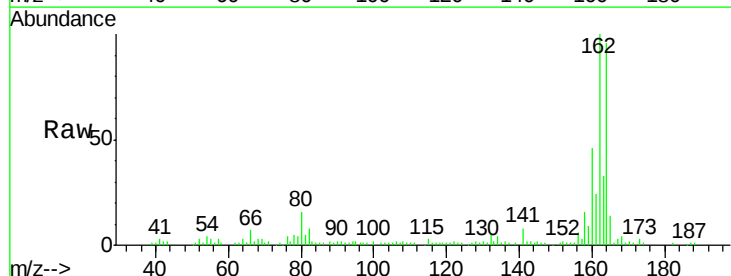
Instrument :
BNA_F
ClientSampleId :
KMW-03-0.2-2.0

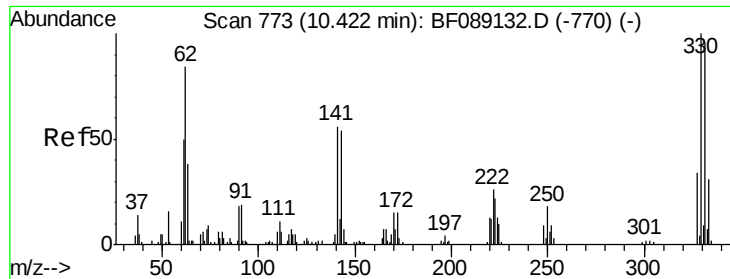
Tgt Ion:142 Resp: 233737
Ion Ratio Lower Upper
142 100
141 90.4 71.6 107.4
115 33.6 27.6 41.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF089183.D
Acq: 21 Jul 2016 16:42

Tgt Ion:164 Resp: 73525
Ion Ratio Lower Upper
164 100
162 104.5 84.1 126.1
160 47.6 37.1 55.7

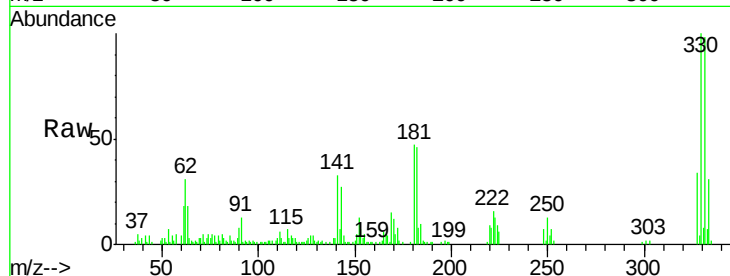




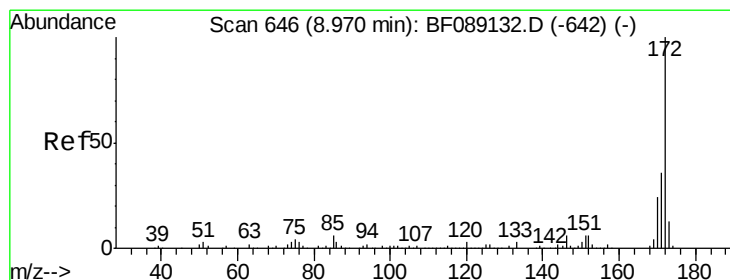
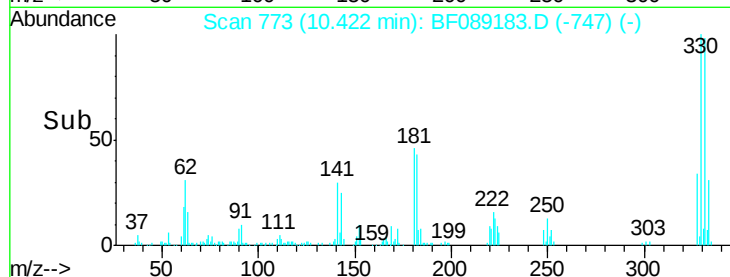
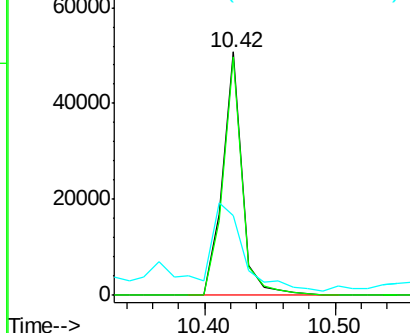
#41
 2,4,6-Tribromophenol
 Concen: 80.47 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF089183.D
 Acq: 21 Jul 2016 16:42

Instrument :
 BNA_F
 ClientSampleId :
 KMW-03-0.2-2.0

Tgt Ion:330 Resp: 53270
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.2 115.8
 141 61.9 42.2 63.2

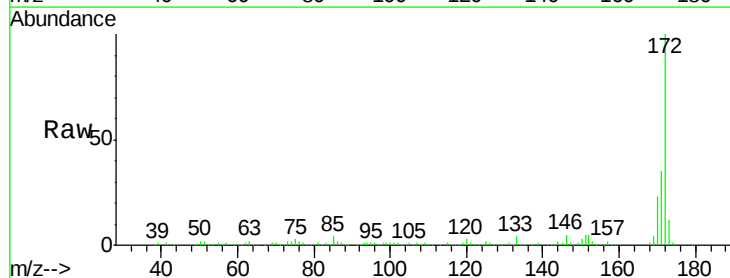


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

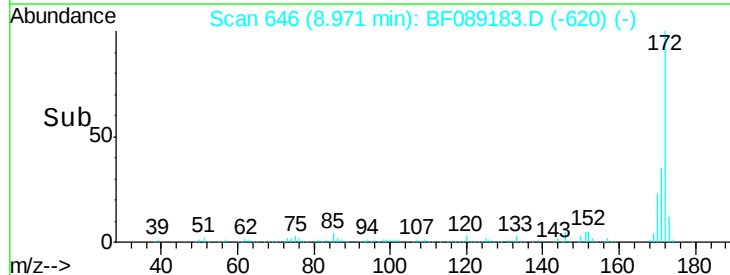
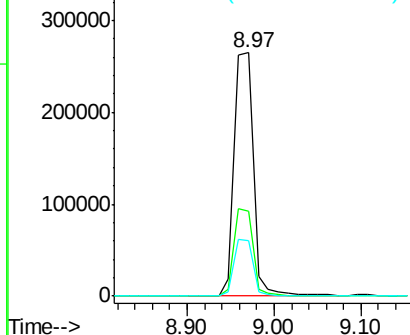


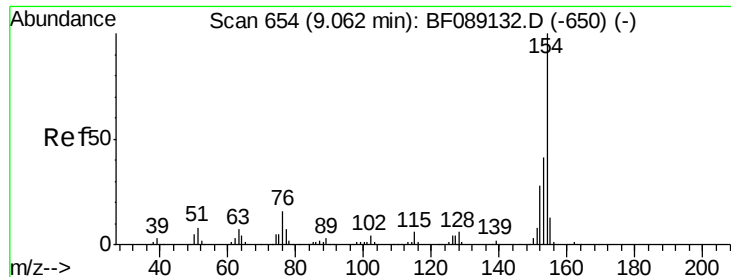
#44
 2-Fluorobiphenyl
 Concen: 76.01 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF089183.D
 Acq: 21 Jul 2016 16:42

Tgt Ion:172 Resp: 405603
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.2 43.8
 170 22.9 19.1 28.7



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





#45

1,1'-Biphenyl

Concen: 4.46 ng

RT: 9.06 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF089183.D

Acq: 21 Jul 2016 16:42

Instrument :

BNA_F

ClientSampleId :

KMW-03-0.2-2.0

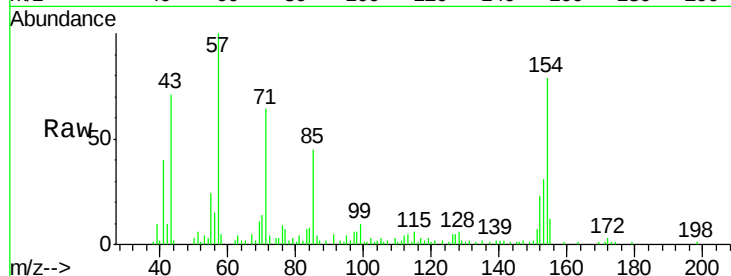
Tgt Ion:154 Resp: 29563

Ion Ratio Lower Upper

154 100

153 39.5 21.1 61.1

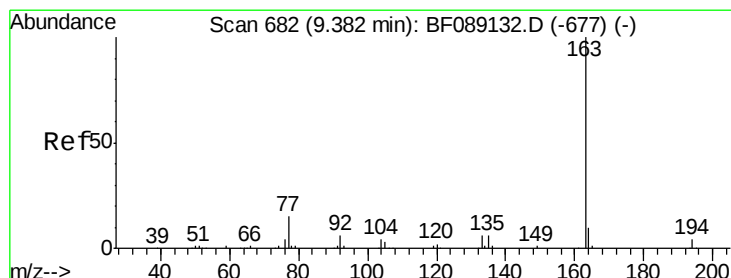
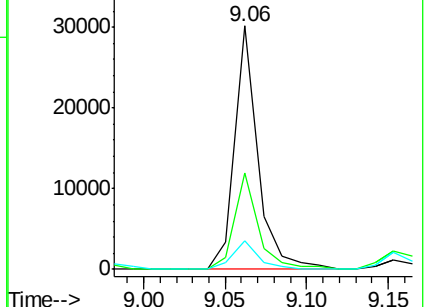
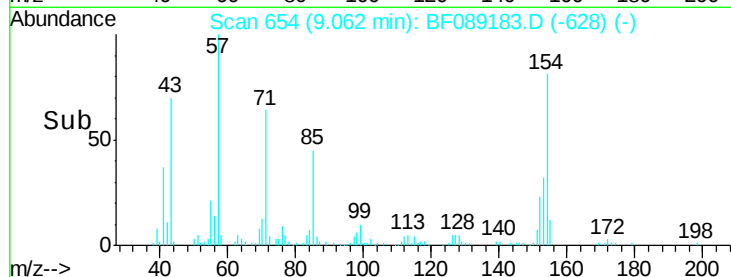
76 11.7 0.0 35.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#49

Dimethylphthalate

Concen: 23.21 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF089183.D

Acq: 21 Jul 2016 16:42

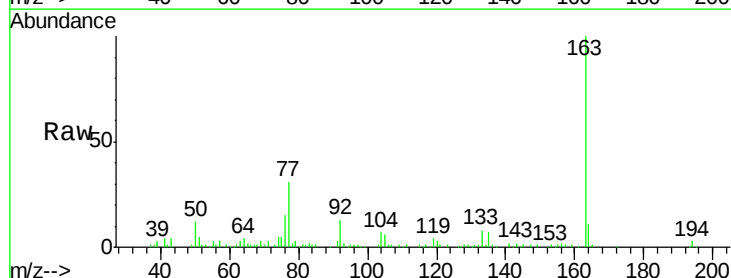
Tgt Ion:163 Resp: 130955

Ion Ratio Lower Upper

163 100

194 2.9 2.9 4.3

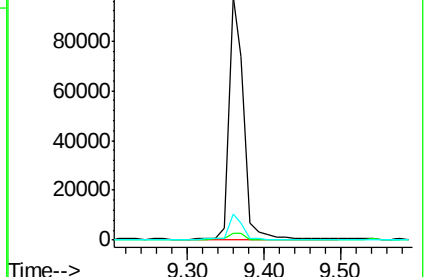
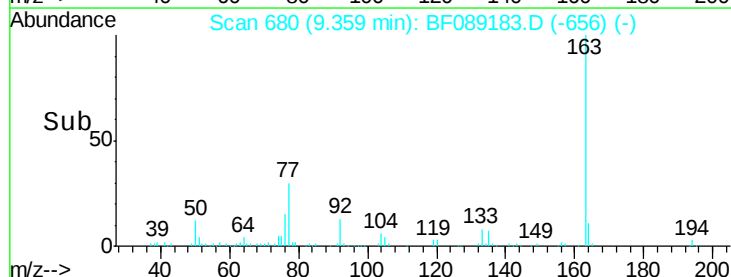
164 10.9 7.6 11.4

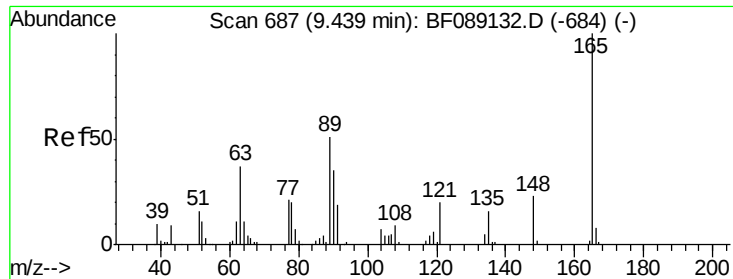


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 2.18 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.08 min

Lab File: BF089183.D

Acq: 21 Jul 2016 16:42

Instrument :

BNA_F

ClientSampleId :

KMW-03-0.2-2.0

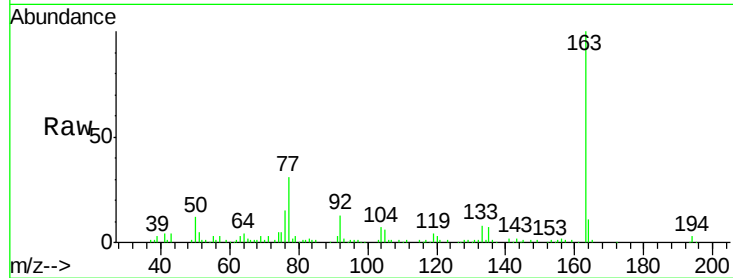
Tgt Ion:165 Resp: 2778

Ion Ratio Lower Upper

165 100

63 223.0 37.0 55.4#

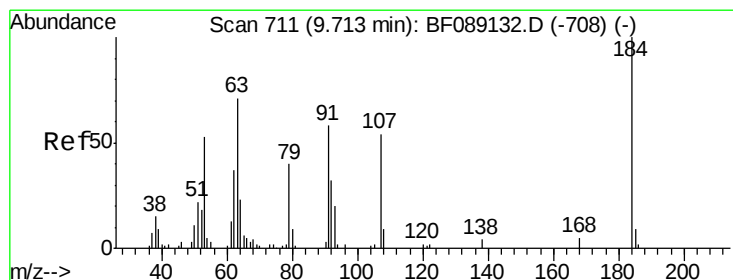
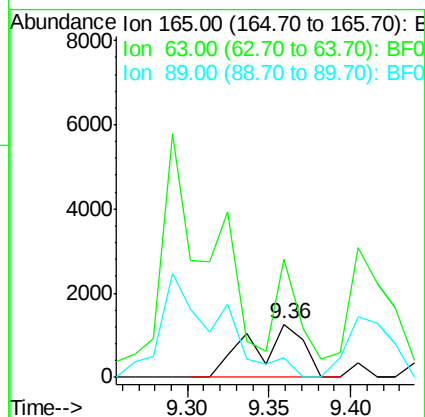
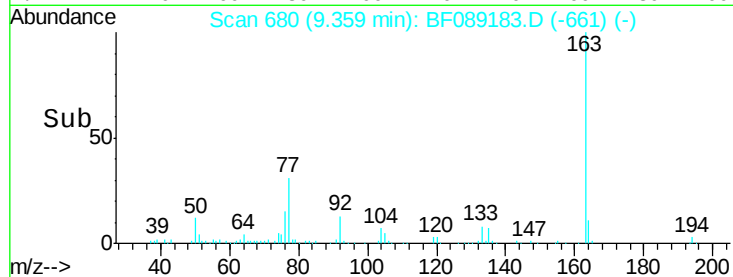
89 36.3 40.9 61.3#



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



#53

2,4-Dinitrophenol

Concen: 10.75 ng

RT: 9.92 min Scan# 729

Delta R.T. 0.21 min

Lab File: BF089183.D

Acq: 21 Jul 2016 16:42

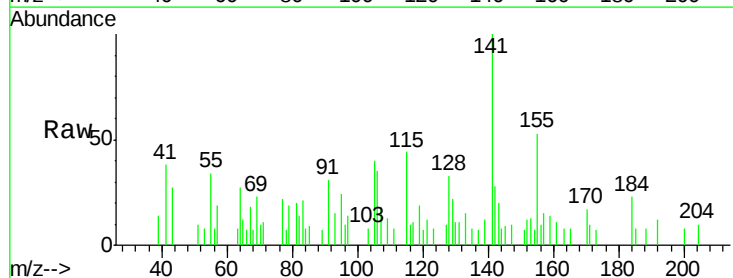
Tgt Ion:184 Resp: 1610

Ion Ratio Lower Upper

184 100

63 33.1 60.3 90.5#

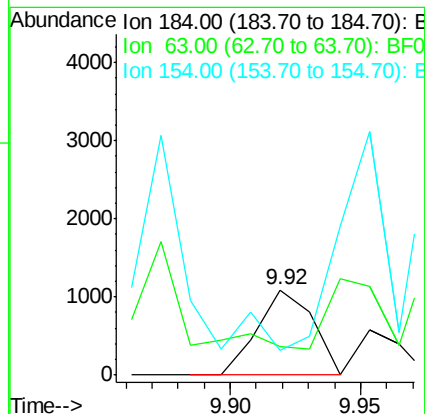
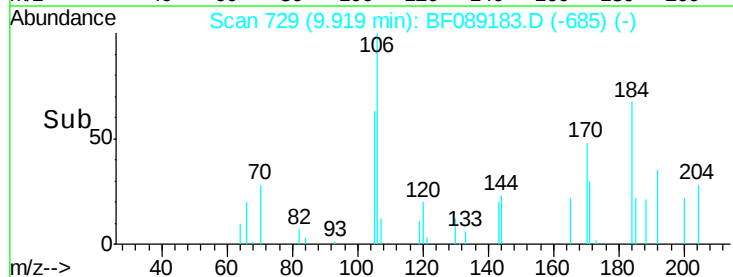
154 29.0 60.7 91.1#

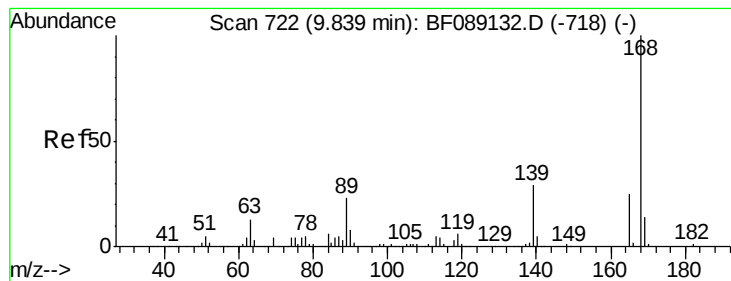


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 6.82 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF089183.D

Acq: 21 Jul 2016 16:42

Instrument :

BNA_F

ClientSampleId :

KMW-03-0.2-2.0

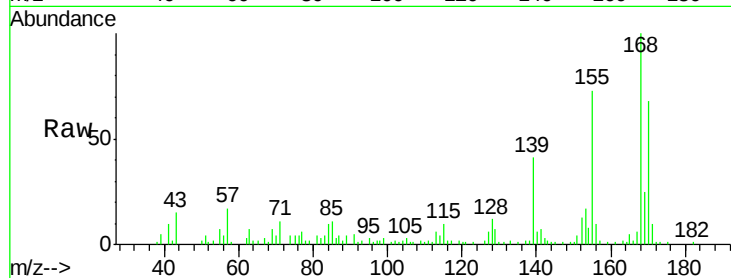
Tgt Ion:168 Resp: 43108

Ion Ratio Lower Upper

168 100

139 40.6 34.4 51.6

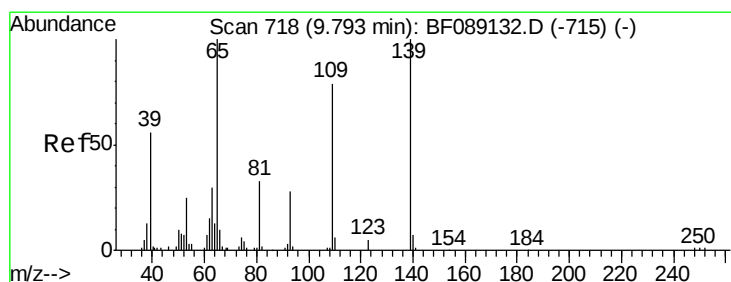
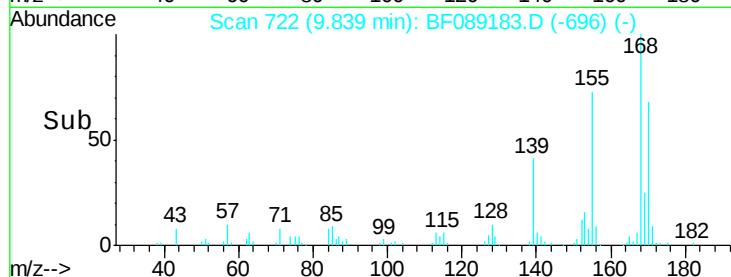
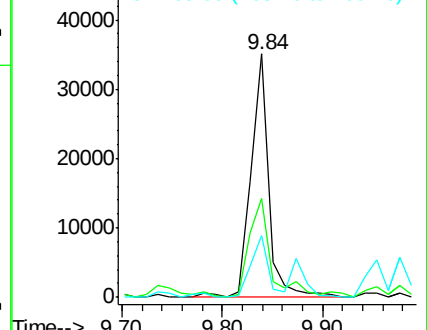
169 25.2 10.8 16.2#



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



#55

4-Nitrophenol

Concen: 2.11 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.17 min

Lab File: BF089183.D

Acq: 21 Jul 2016 16:42

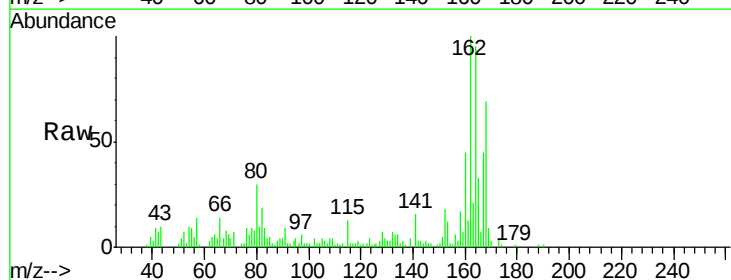
Tgt Ion:139 Resp: 1931

Ion Ratio Lower Upper

139 100

109 89.7 58.7 98.7

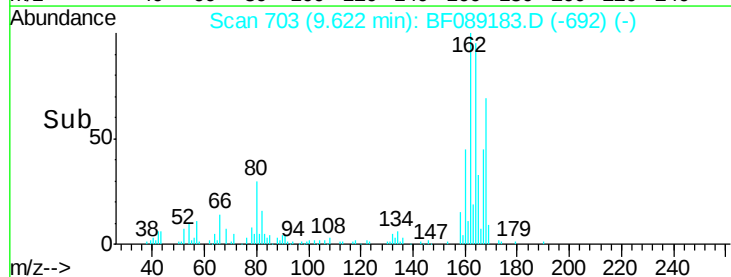
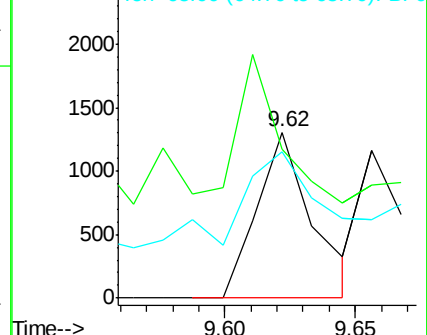
65 87.8 80.2 120.2

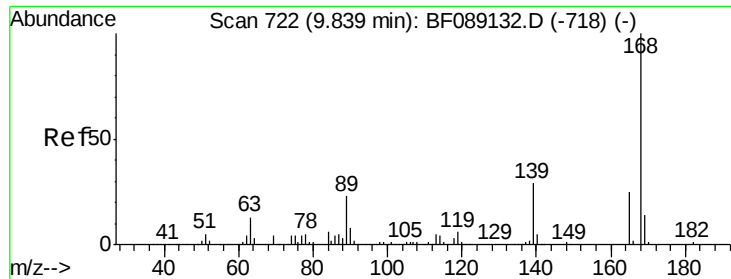


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

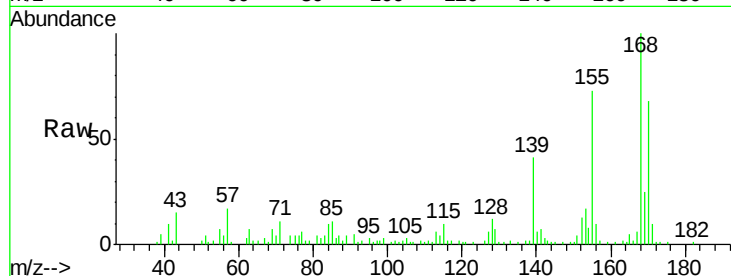




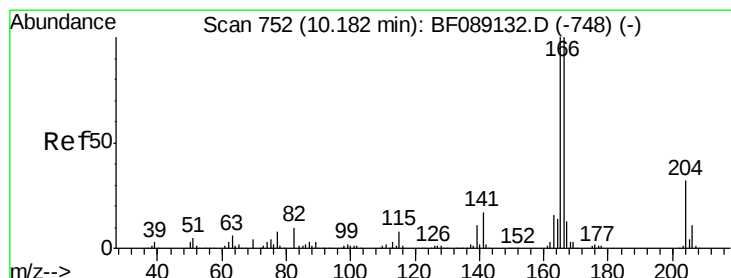
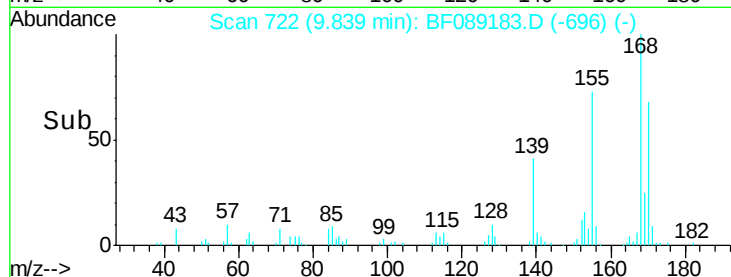
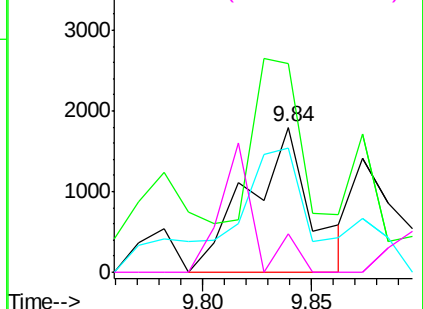
#56
2,4-Dinitrotoluene
Concen: 2.19 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF089183.D
Acq: 21 Jul 2016 16:42

Instrument :
BNA_F
ClientSampleId :
KMW-03-0.2-2.0

Tgt Ion:165 Resp: 3601
Ion Ratio Lower Upper
165 100
63 144.4 55.4 83.2#
89 85.7 74.3 111.5
182 26.5 2.0 3.0#

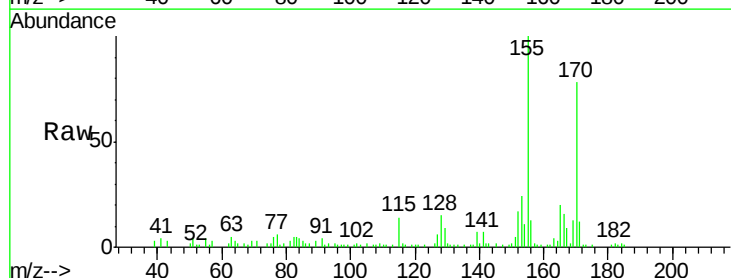


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

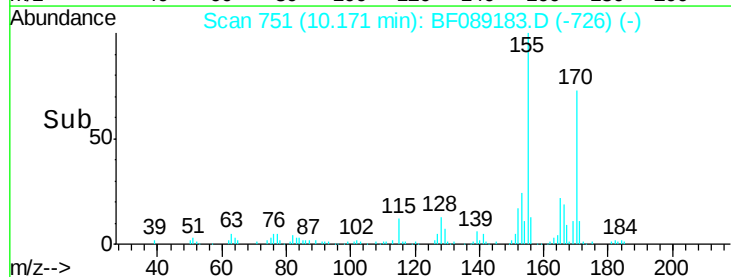
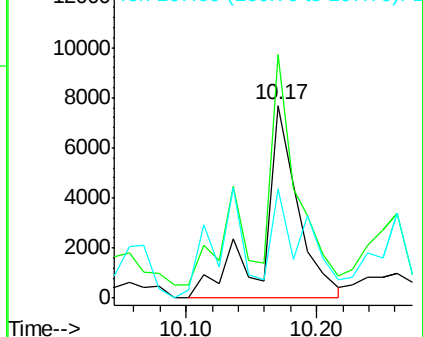


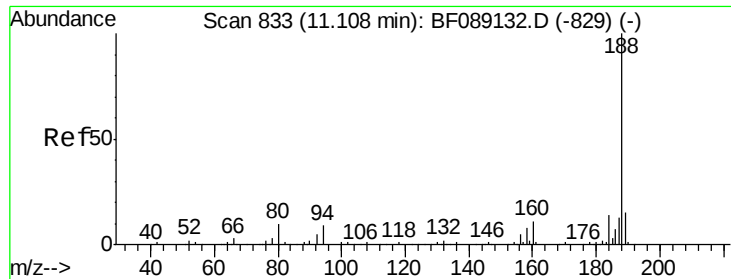
#57
Fluorene
Concen: 2.67 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF089183.D
Acq: 21 Jul 2016 16:42

Tgt Ion:166 Resp: 14345
Ion Ratio Lower Upper
166 100
165 126.1 79.9 119.9#
167 56.8 10.7 16.1#



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF089183.D

Acq: 21 Jul 2016 16:42

Instrument :

BNA_F

ClientSampleId :

KMW-03-0.2-2.0

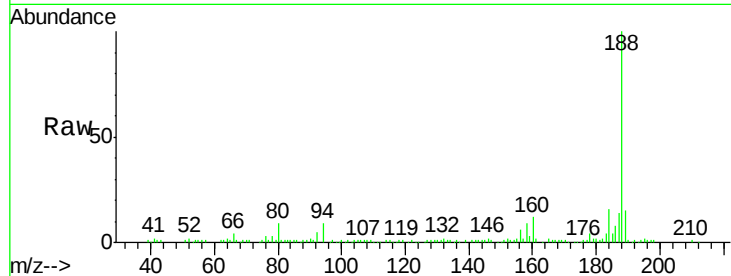
Tgt Ion:188 Resp: 112300

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.4

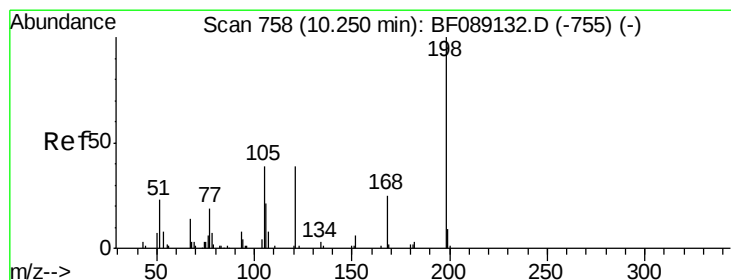
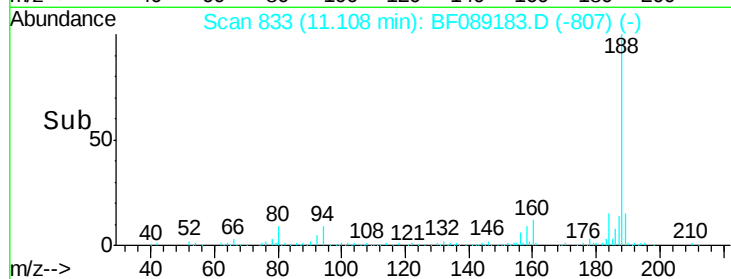
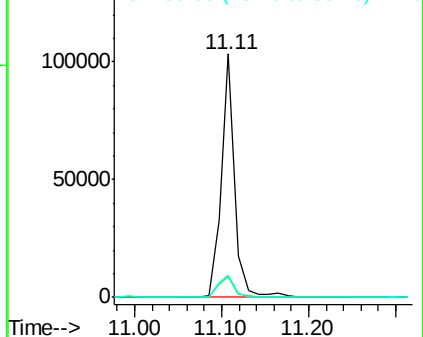
80 9.1 7.7 11.5



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: 3.58 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.19 min

Lab File: BF089183.D

Acq: 21 Jul 2016 16:42

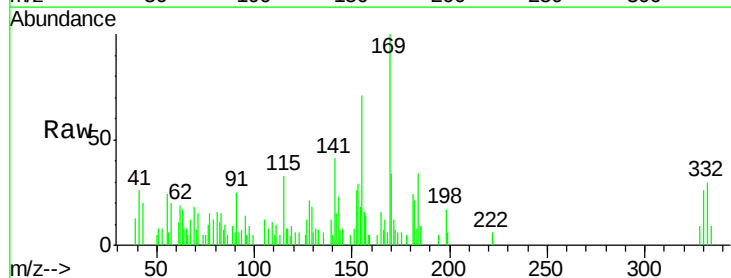
Tgt Ion:198 Resp: 2338

Ion Ratio Lower Upper

198 100

51 48.8 11.7 51.7

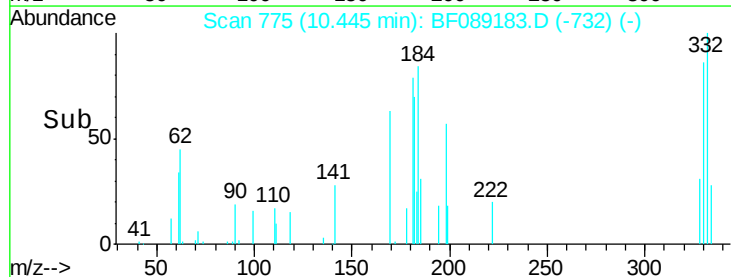
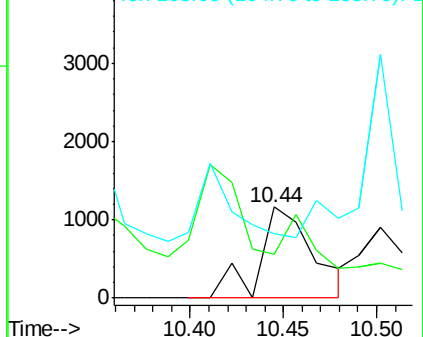
105 71.0 20.3 60.3#

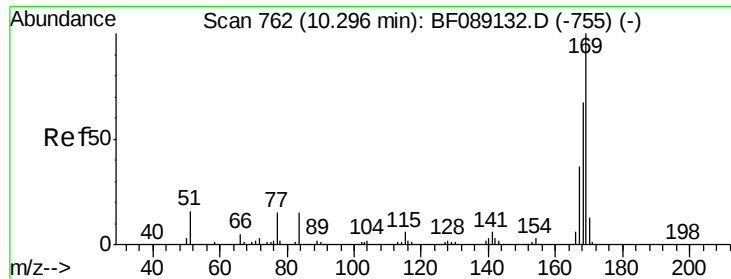


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 3.08 ng

RT: 10.30 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF089183.D

Acq: 21 Jul 2016 16:42

Instrument :

BNA_F

ClientSampleId :

KMW-03-0.2-2.0

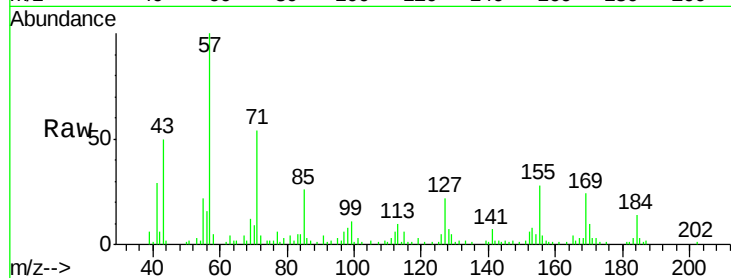
Tgt Ion:169 Resp: 11551

Ion Ratio Lower Upper

169 100

168 12.1 53.4 80.0#

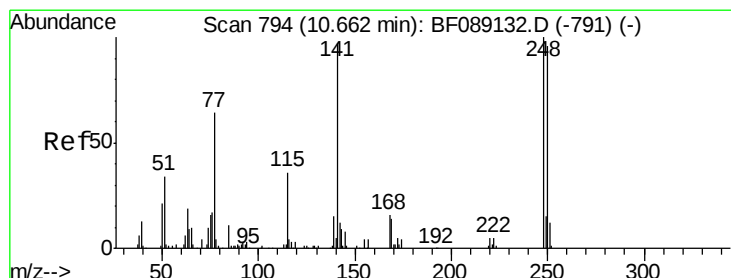
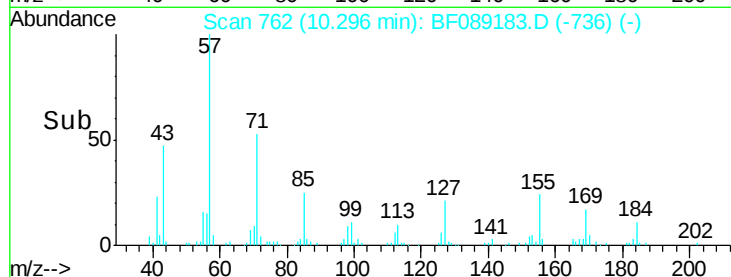
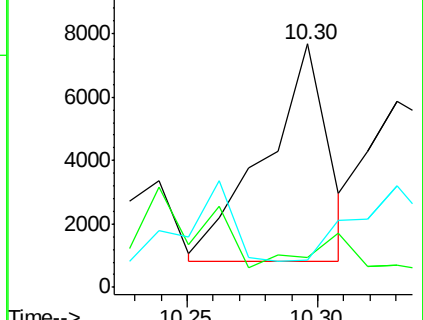
167 11.3 29.5 44.3#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.59 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.24 min

Lab File: BF089183.D

Acq: 21 Jul 2016 16:42

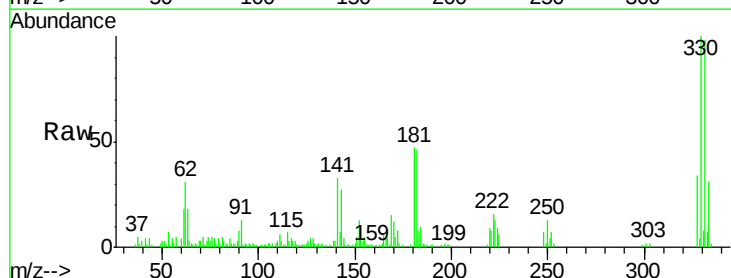
Tgt Ion:248 Resp: 3987

Ion Ratio Lower Upper

248 100

250 189.8 76.9 115.3#

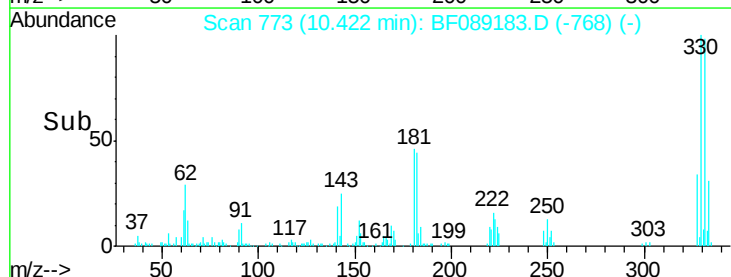
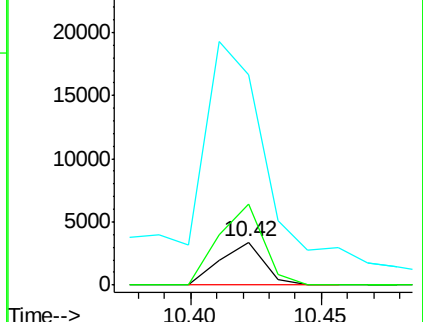
141 490.8 77.4 116.2#

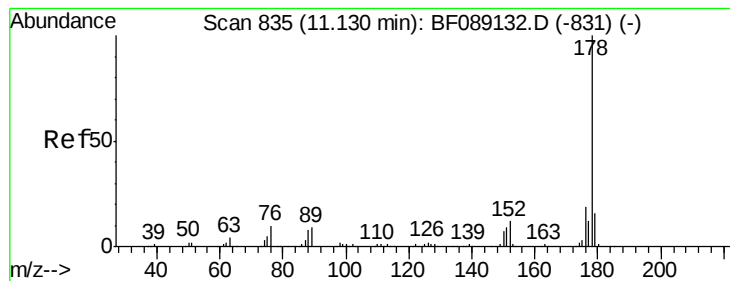


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 77.38 ng

RT: 11.13 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF089183.D

Acq: 21 Jul 2016 16:42

Instrument :

BNA_F

ClientSampleId :

KMW-03-0.2-2.0

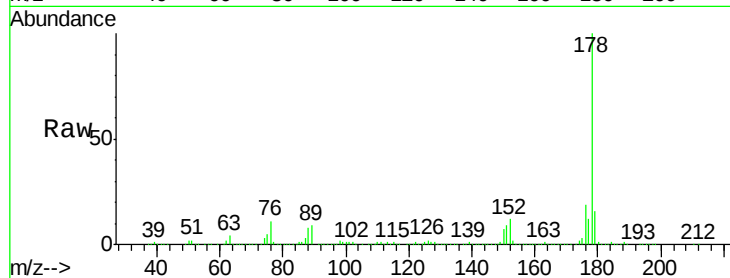
Tgt Ion:178 Resp: 476690

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

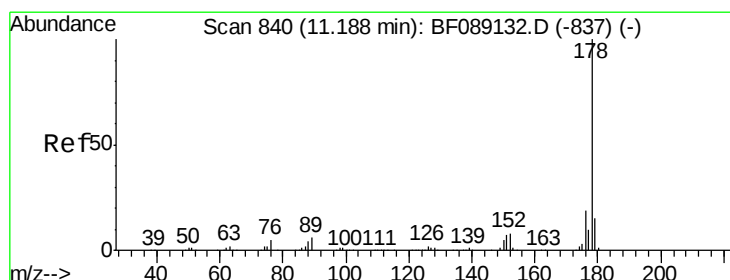
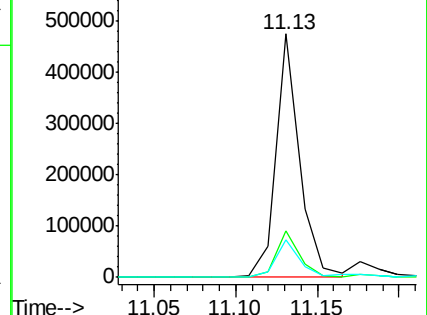
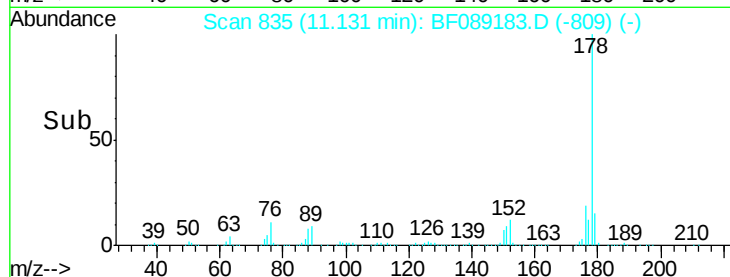
179 15.7 12.4 18.6



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



#71

Anthracene

Concen: 74.45 ng

RT: 11.13 min Scan# 835

Delta R.T. -0.06 min

Lab File: BF089183.D

Acq: 21 Jul 2016 16:42

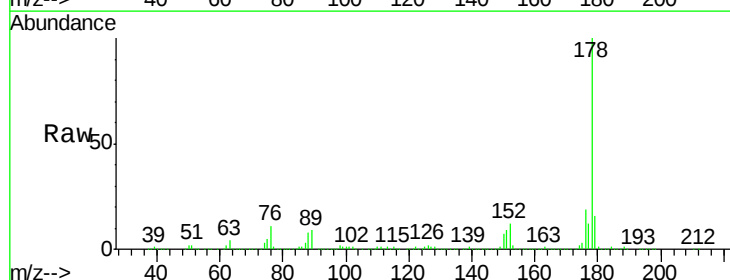
Tgt Ion:178 Resp: 476690

Ion Ratio Lower Upper

178 100

176 19.3 14.9 22.3

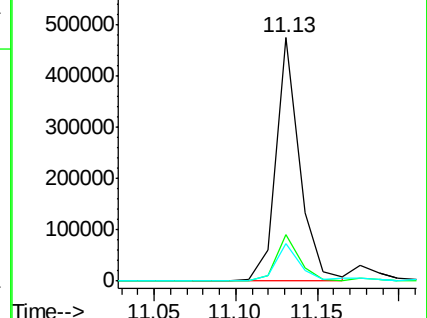
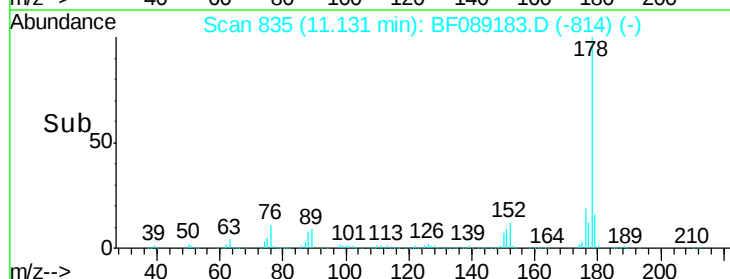
179 15.7 12.0 18.0

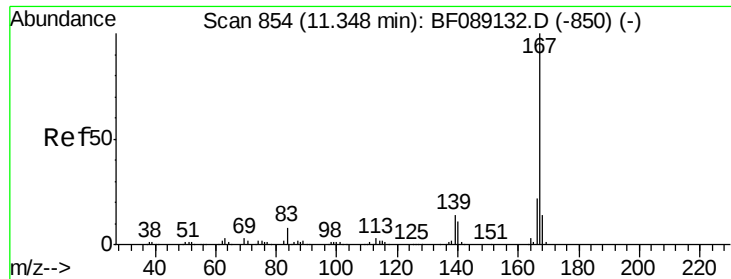


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

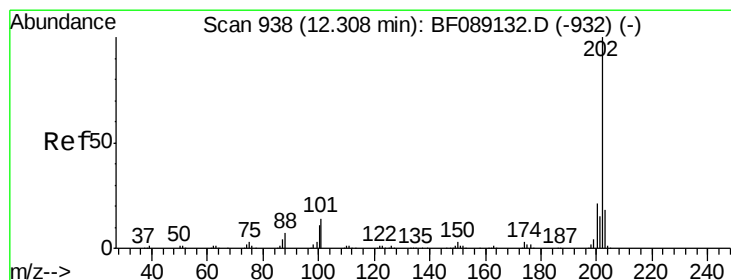
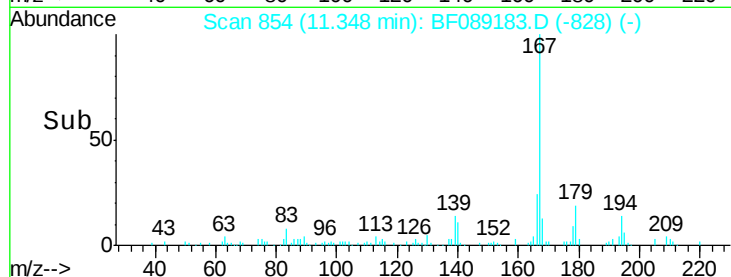
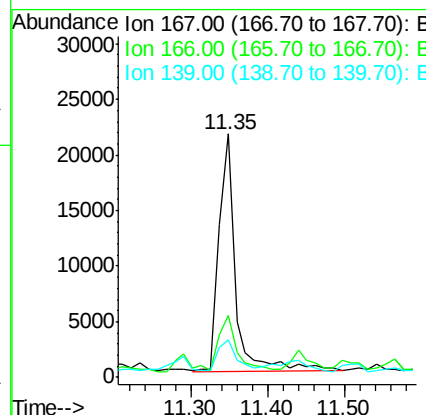
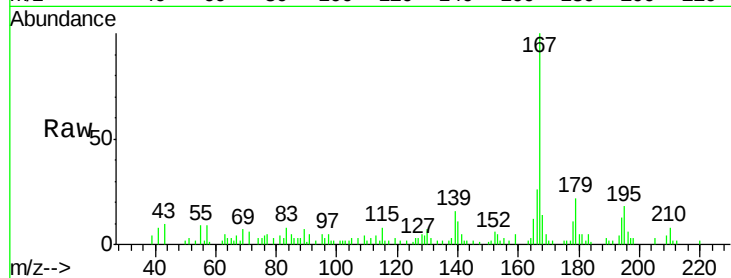




#72
 Carbazole
 Concen: 5.70 ng
 RT: 11.35 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BF089183.D
 Acq: 21 Jul 2016 16:42

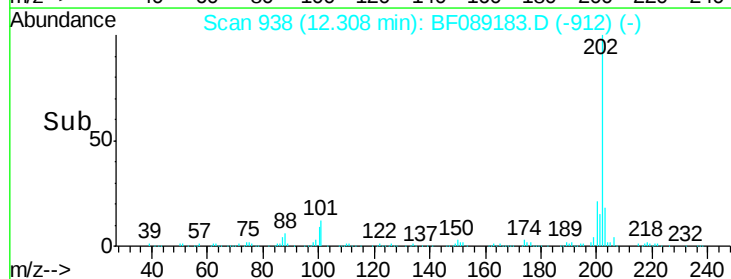
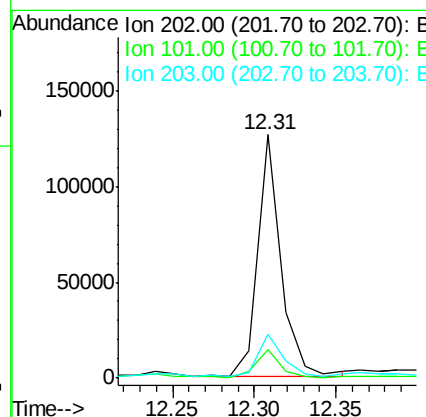
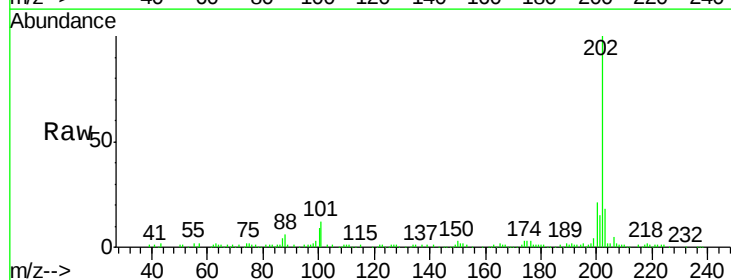
Instrument :
 BNA_F
 ClientSampleId :
 KMW-03-0.2-2.0

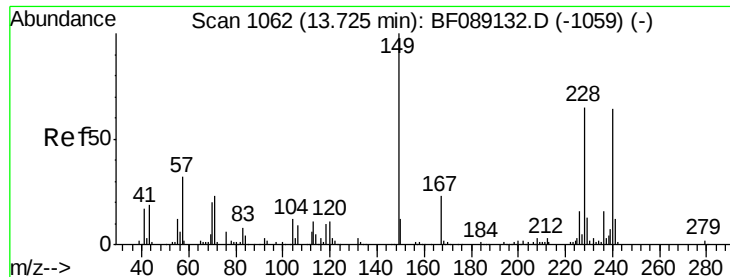
Tgt Ion:167 Resp: 32052
 Ion Ratio Lower Upper
 167 100
 166 25.6 17.7 26.5
 139 15.7 11.0 16.4



#74
 Fluoranthene
 Concen: 19.24 ng
 RT: 12.31 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF089183.D
 Acq: 21 Jul 2016 16:42

Tgt Ion:202 Resp: 124589
 Ion Ratio Lower Upper
 202 100
 101 11.8 0.0 34.0
 203 17.8 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF089183.D

Acq: 21 Jul 2016 16:42

Instrument :

BNA_F

ClientSampleId :

KMW-03-0.2-2.0

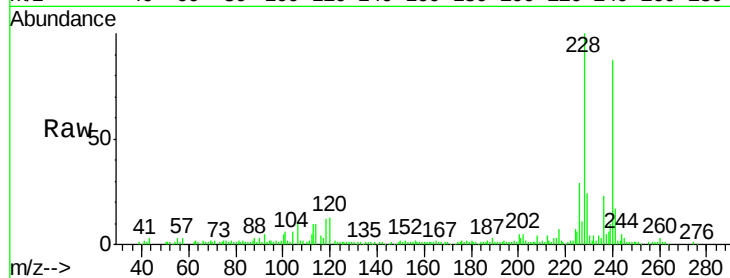
Tgt Ion:240 Resp: 92593

Ion Ratio Lower Upper

240 100

120 14.6 13.6 20.4

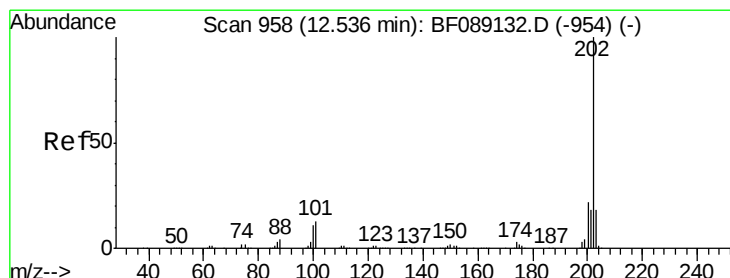
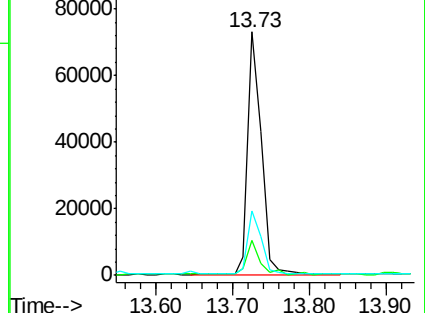
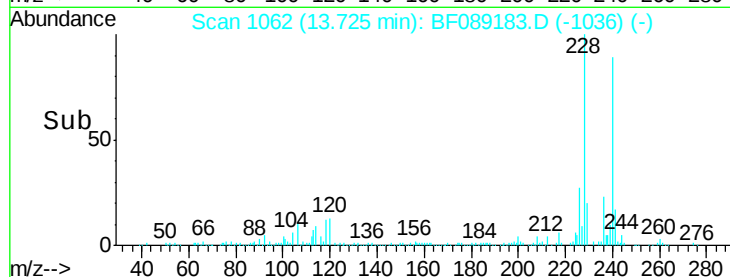
236 26.3 20.5 30.7



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: 35.36 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF089183.D

Acq: 21 Jul 2016 16:42

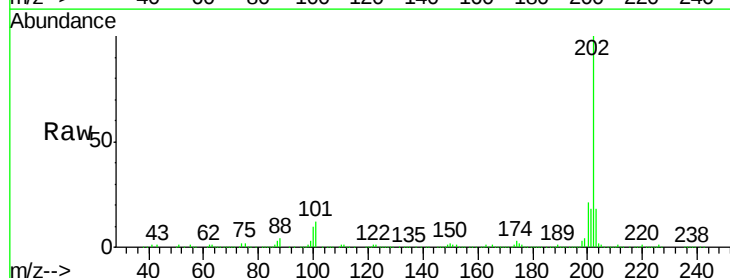
Tgt Ion:202 Resp: 270407

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.0

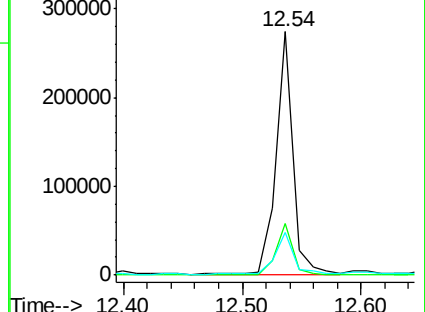
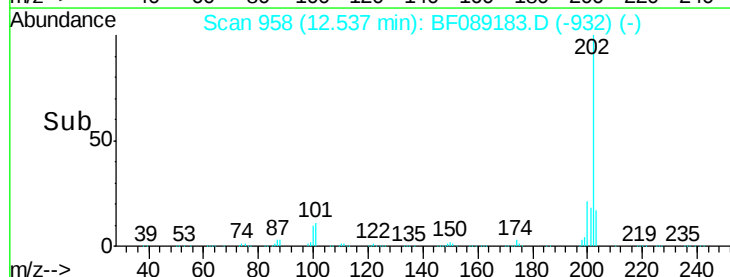
203 17.6 14.2 21.2

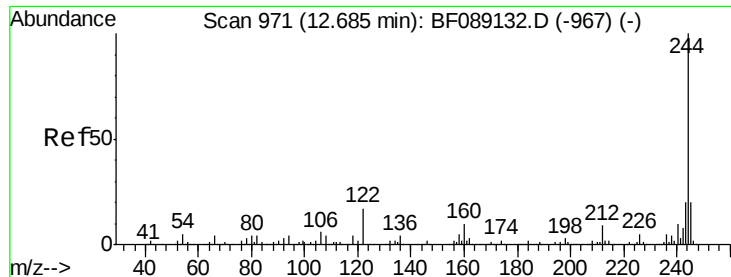


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

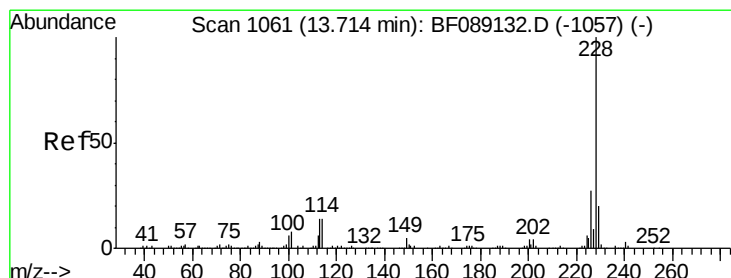
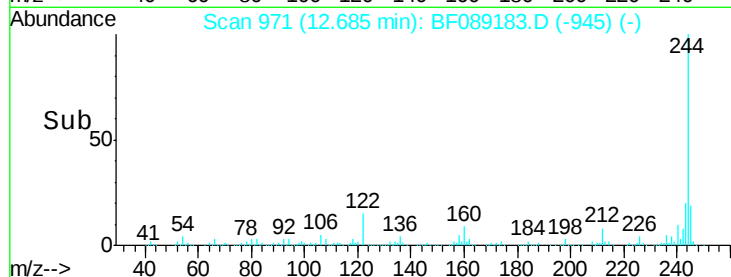
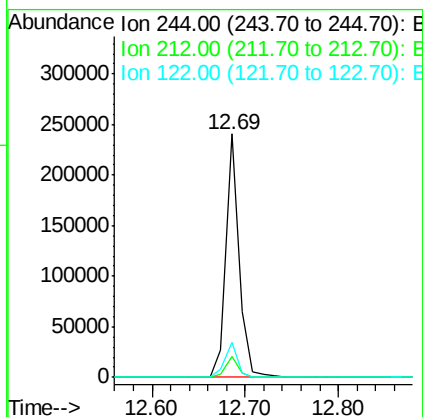
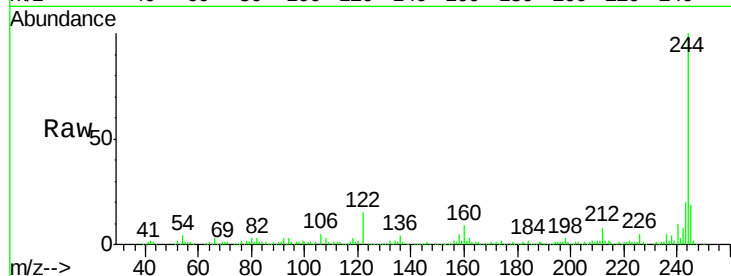




#78
 Terphenyl-d14
 Concen: 55.46 ng
 RT: 12.69 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF089183.D
 Acq: 21 Jul 2016 16:42

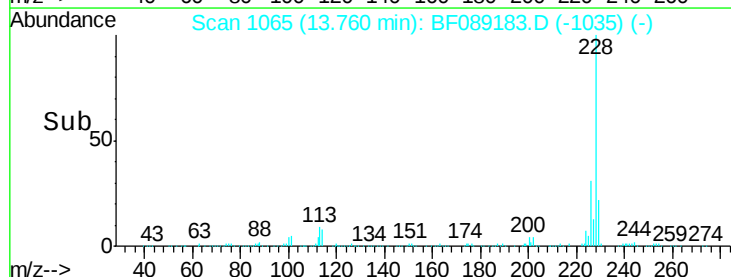
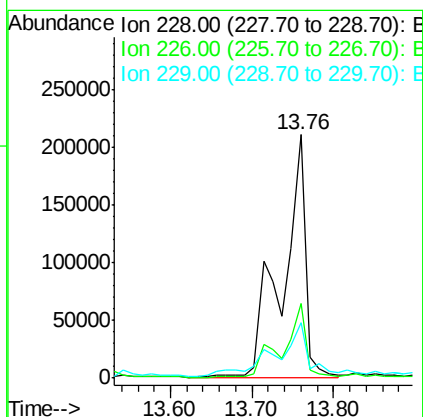
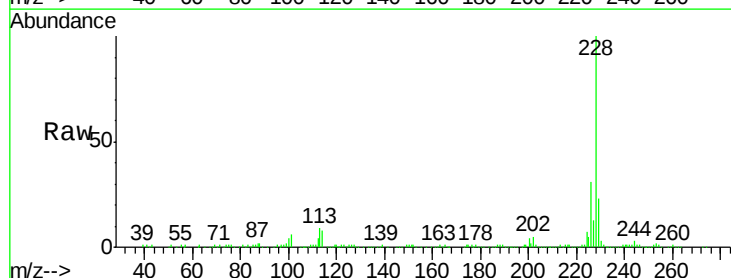
Instrument :
 BNA_F
 ClientSampleId :
 KMW-03-0.2-2.0

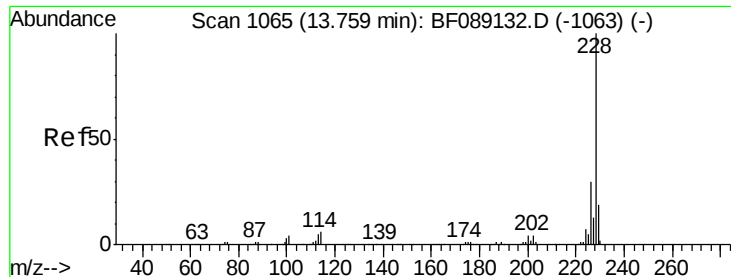
Tgt Ion:244 Resp: 236741
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.0 10.4
 122 14.5 13.8 20.8



#80
 Benzo(a)anthracene
 Concen: 70.13 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. 0.05 min
 Lab File: BF089183.D
 Acq: 21 Jul 2016 16:42

Tgt Ion:228 Resp: 413587
 Ion Ratio Lower Upper
 228 100
 226 30.8 21.8 32.8
 229 22.6 15.8 23.8





#82

Chrysene

Concen: 73.42 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF089183.D

Acq: 21 Jul 2016 16:42

Instrument :

BNA_F

ClientSampleId :

KMW-03-0.2-2.0

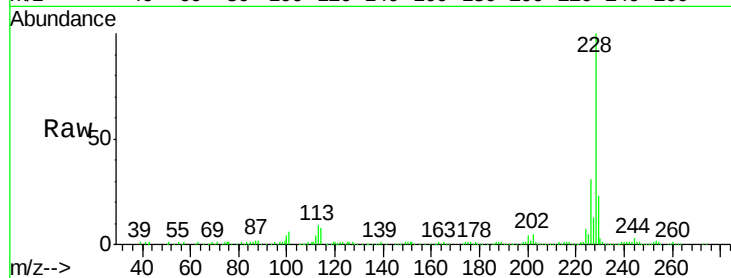
Tgt Ion:228 Resp: 413587

Ion Ratio Lower Upper

228 100

226 30.8 23.8 35.8

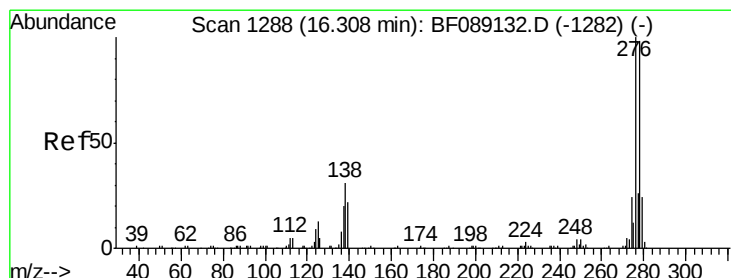
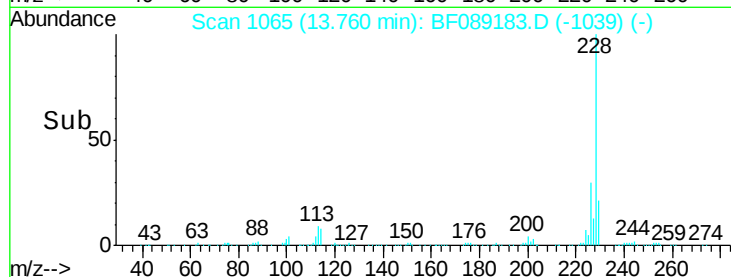
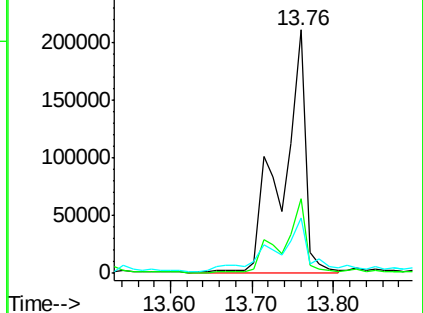
229 22.6 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 9.77 ng

RT: 16.31 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF089183.D

Acq: 21 Jul 2016 16:42

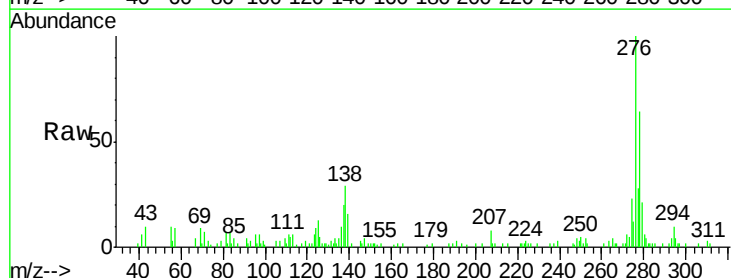
Tgt Ion:276 Resp: 39963

Ion Ratio Lower Upper

276 100

138 28.1 23.7 35.5

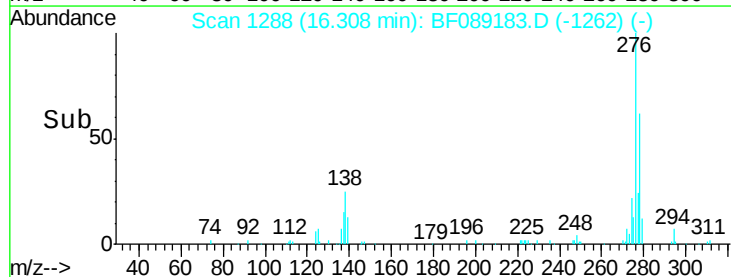
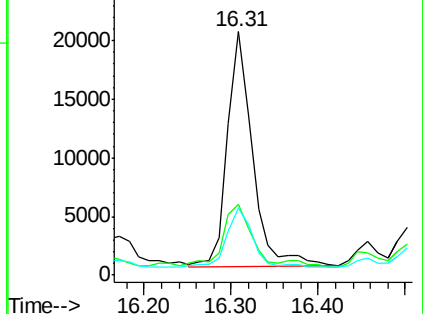
277 28.6 20.6 31.0

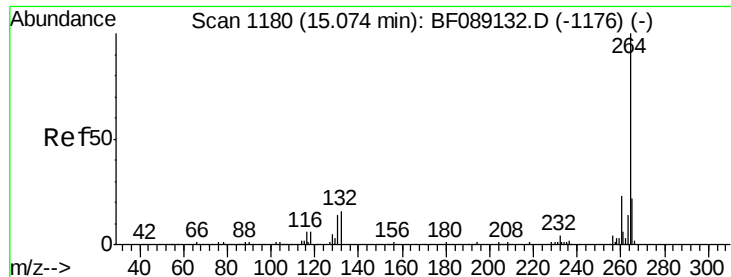


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

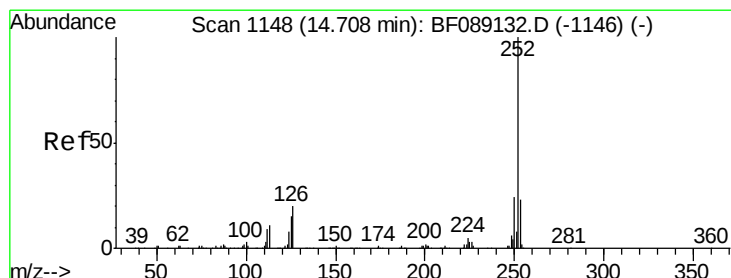
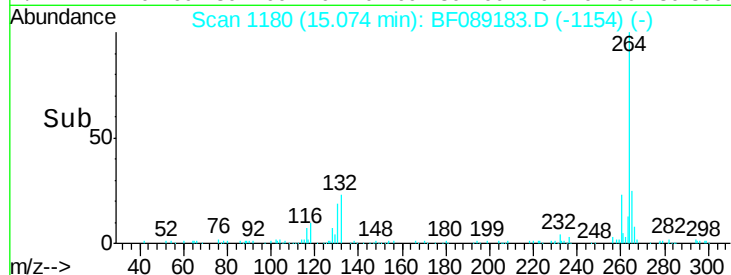
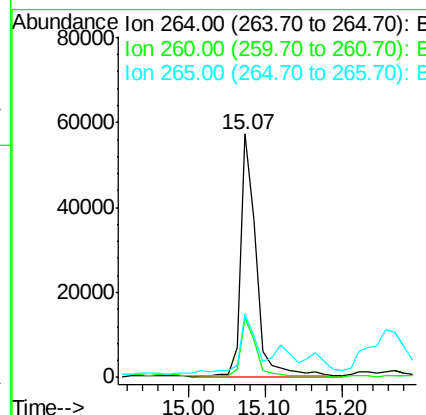
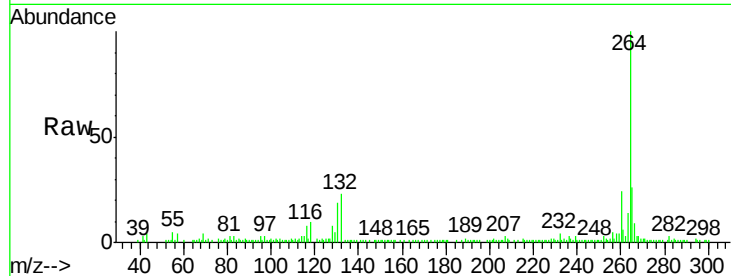




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF089183.D
Acq: 21 Jul 2016 16:42

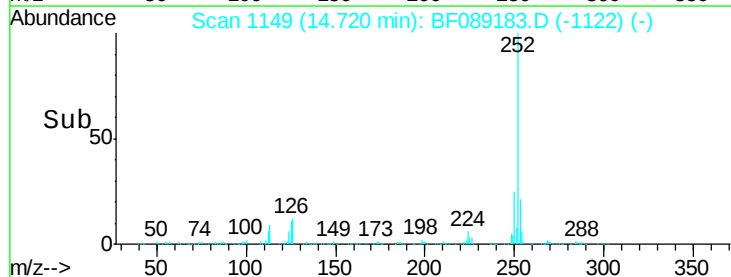
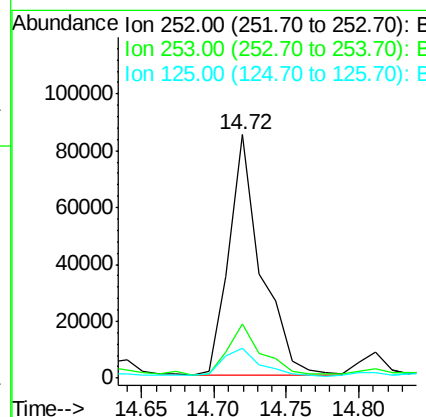
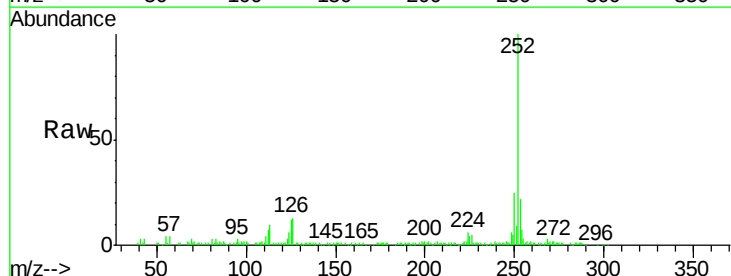
Instrument :
BNA_F
ClientSampleId :
KMW-03-0.2-2.0

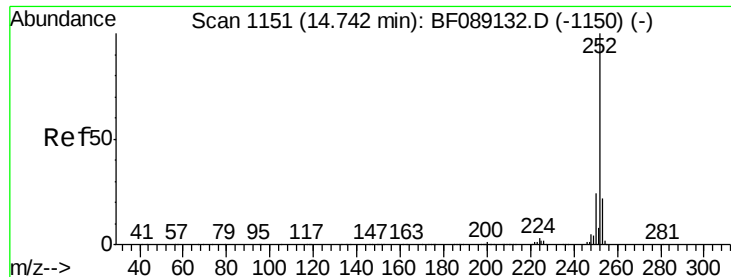
Tgt Ion:264 Resp: 83419
Ion Ratio Lower Upper
264 100
260 24.2 18.5 27.7
265 26.1 17.3 25.9#



#87
Benzo(b)fluoranthene
Concen: 21.66 ng
RT: 14.72 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF089183.D
Acq: 21 Jul 2016 16:42

Tgt Ion:252 Resp: 130851
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 12.3 11.9 17.9





#88

Benzo(k)fluoranthene

Concen: 29.95 ng

RT: 14.72 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BF089183.D

Acq: 21 Jul 2016 16:42

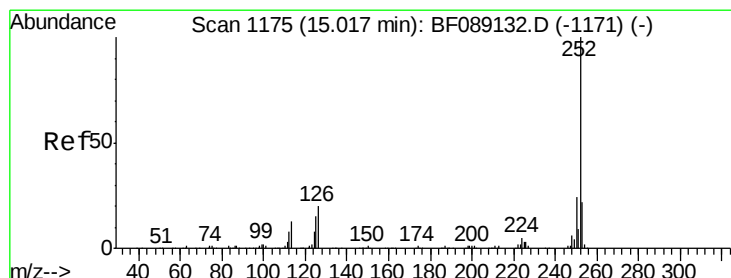
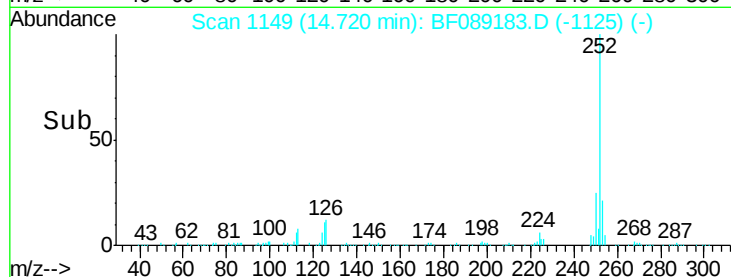
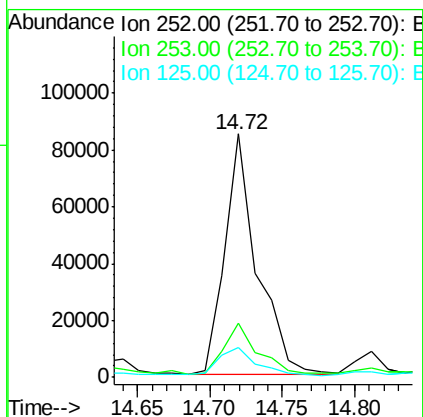
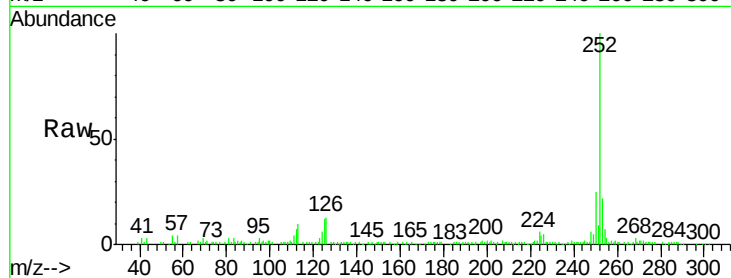
Instrument :

BNA_F

ClientSampleId :

KMW-03-0.2-2.0

Tgt Ion:	252	Resp:	129395
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.3	25.9
125	12.3	6.3	9.5#



#89

Benzo(a)pyrene

Concen: 16.50 ng

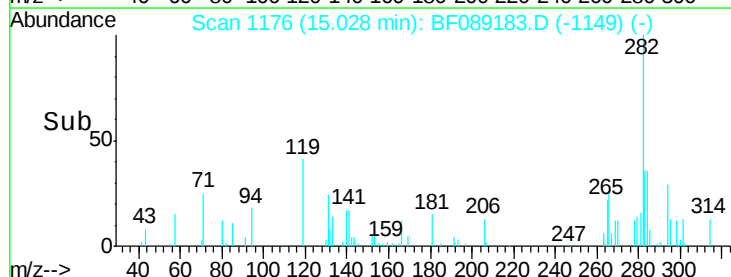
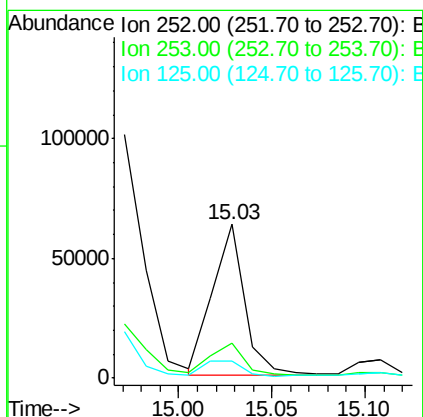
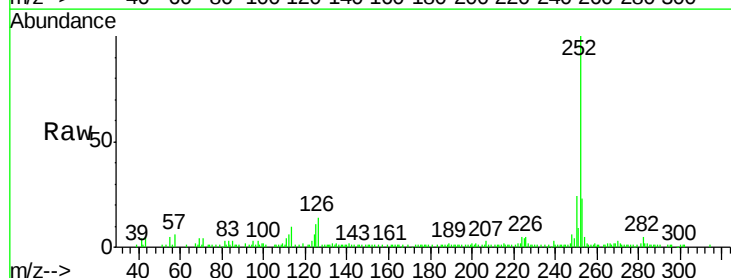
RT: 15.03 min Scan# 1176

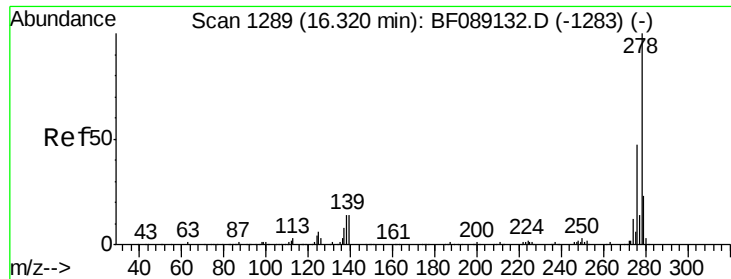
Delta R.T. 0.01 min

Lab File: BF089183.D

Acq: 21 Jul 2016 16:42

Tgt Ion:	252	Resp:	77387
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.4	26.0
125	11.1	12.4	18.6#





#90

Dibenzo(a,h)anthracene

Concen: 8.26 ng

RT: 16.32 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BF089183.D

Acq: 21 Jul 2016 16:42

Instrument :

BNA_F

ClientSampleId :

KMW-03-0.2-2.0

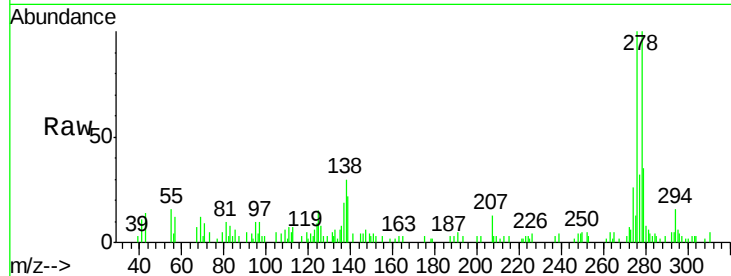
Tgt Ion:278 Resp: 30603

Ion Ratio Lower Upper

278 100

139 21.9 11.4 17.2#

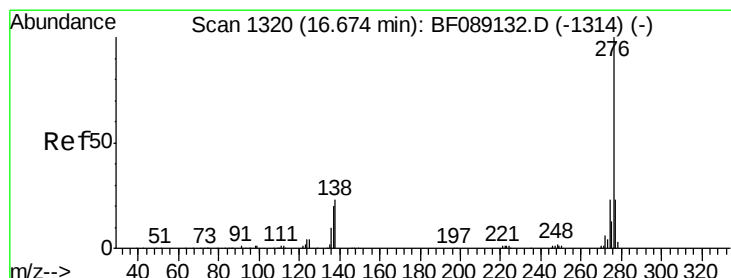
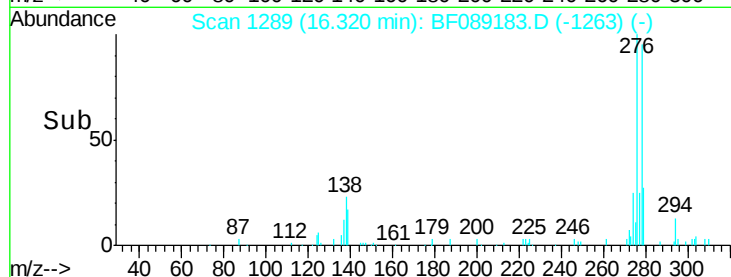
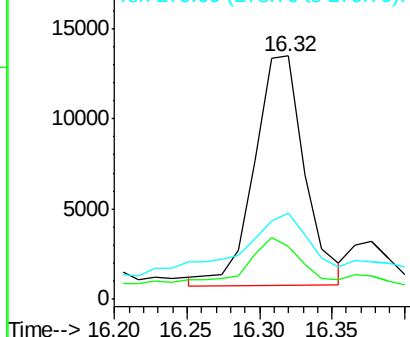
279 35.6 18.4 27.6#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 14.00 ng

RT: 16.67 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF089183.D

Acq: 21 Jul 2016 16:42

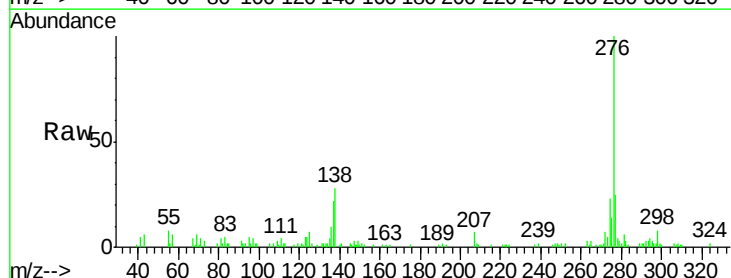
Tgt Ion:276 Resp: 52291

Ion Ratio Lower Upper

276 100

277 24.8 18.5 27.7

138 27.7 18.5 27.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

