

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089248.D
 Acq On : 23 Jul 2016 22:57
 Operator : UM/SJ
 Sample : H4129-16
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KMW-04-0.2-2.0

Quant Time: Jul 25 01:12:30 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	6.58	152	49787	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	206448	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	95681	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	149470	20.00	ng	-0.02
75) Chrysene-d12	13.71	240	94843	20.00	ng	-0.01
86) Perylene-d12	15.06	264	101721	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.15	112	332930	101.70	ng	-0.03
7) Phenol-d6	6.24	99	473048	112.06	ng	-0.03
23) Nitrobenzene-d5	7.15	82	302011	77.73	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	76498	88.80	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	513651	73.97	ng	-0.02
78) Terphenyl-d14	12.66	244	273398	62.52	ng	-0.02

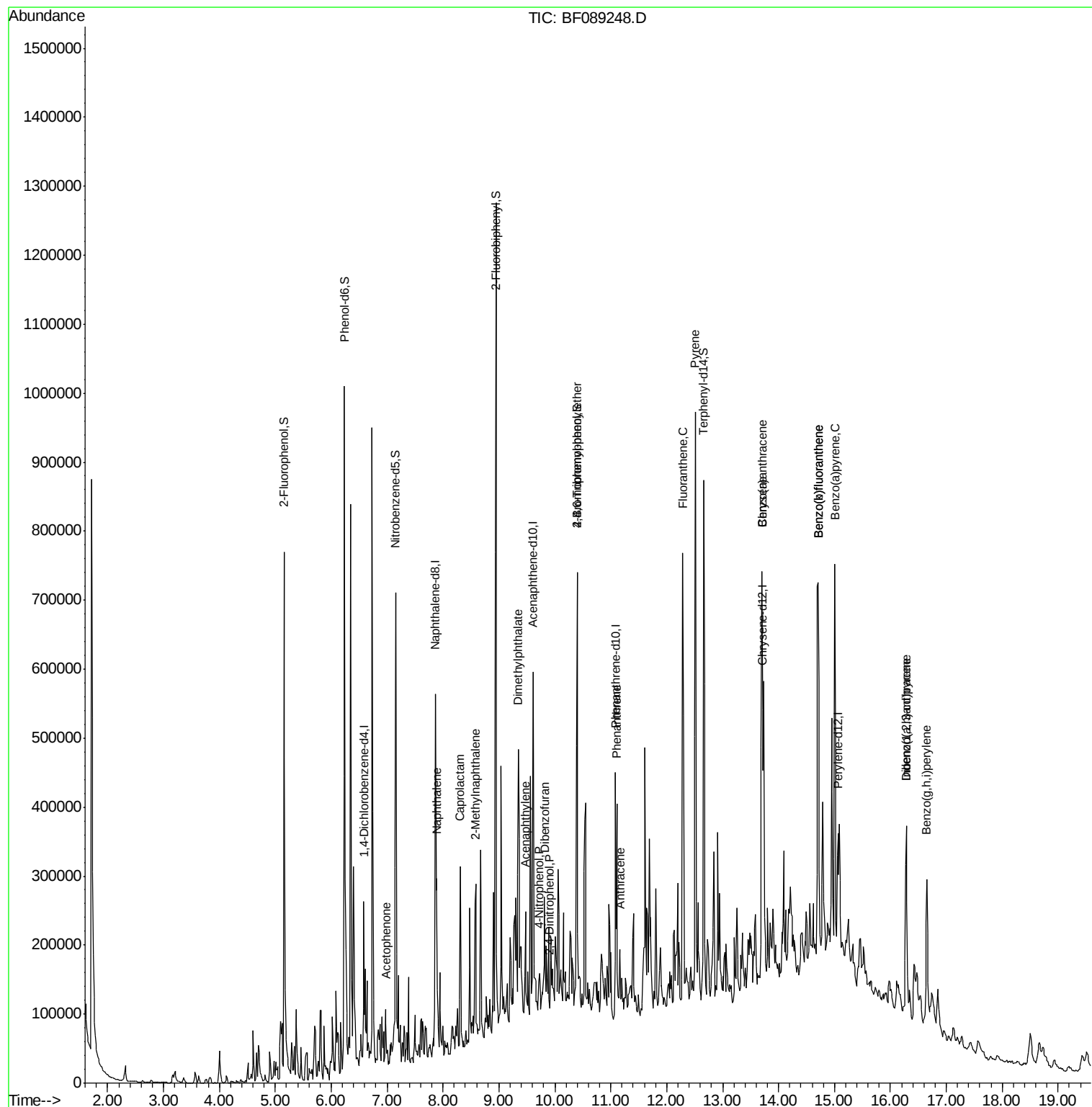
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
22) Acetophenone	6.98	105	18587	3.37	ng	# 57
31) Naphthalene	7.88	128	118303	10.62	ng	100
35) Caprolactam	8.31	113	6503	7.22	ng	# 62
37) 2-Methylnaphthalene	8.58	142	97638	13.74	ng	100
48) Acenaphthylene	9.47	152	50986	4.95	ng	# 95
49) Dimethylphthalate	9.35	163	137861	18.78	ng	100
53) 2,4-Dinitrophenol	9.90	184	892	9.48	ng	# 83
54) Dibenzofuran	9.82	168	29680	3.61	ng	# 89
55) 4-Nitrophenol	9.72	139	2898	2.43	ng	# 37
66) 4-Bromophenyl-phenylether	10.40	248	5437	3.68	ng	# 1
70) Phenanthrene	11.11	178	122208	14.90	ng	99
71) Anthracene	11.16	178	66251	7.77	ng	96
74) Fluoranthene	12.29	202	342767	39.77	ng	99
77) Pyrene	12.51	202	335560	42.84	ng	98
80) Benzo(a)anthracene	13.70	228	300275	49.71	ng	93
82) Chrysene	13.70	228	300275	52.04	ng	95
85) Indeno(1,2,3-cd)pyrene	16.29	276	176818	42.19	ng	95
87) Benzo(b)fluoranthene	14.71	252	450431	61.14	ng	97
88) Benzo(k)fluoranthene	14.71	252	449861	85.39	ng	# 93
89) Benzo(a)pyrene	15.01	252	267723	46.81	ng	96
90) Dibenzo(a,h)anthracene	16.29	278	52262	11.57	ng	# 73
91) Benzo(g,h,i)perylene	16.65	276	162476	35.68	ng	96

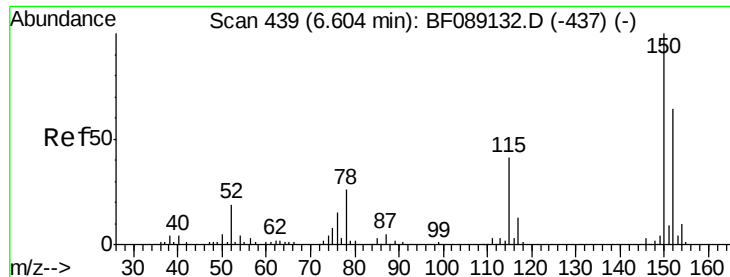
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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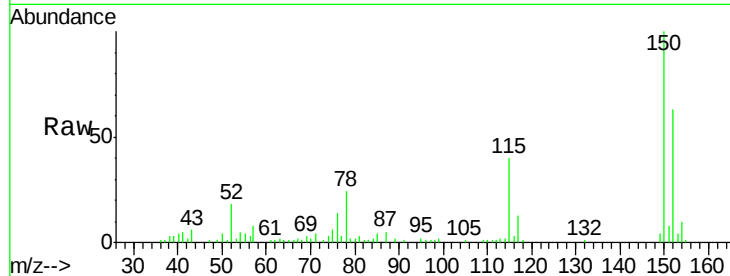


#1

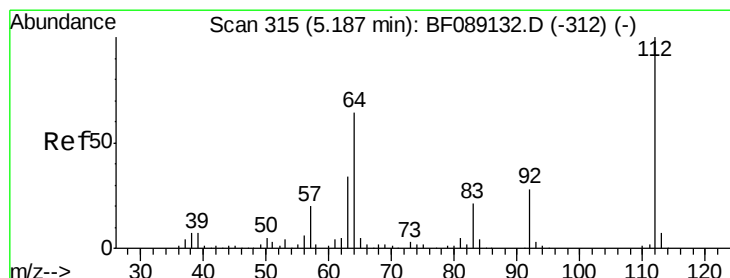
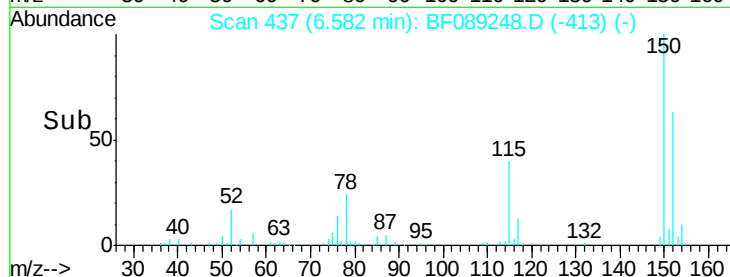
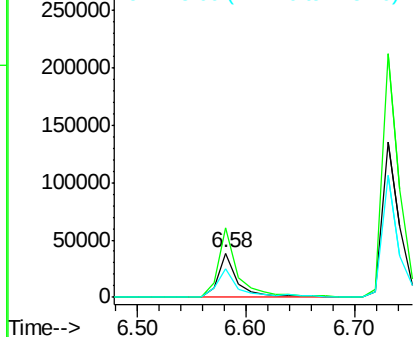
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Instrument :
BNA_F
ClientSampleId :
KMW-04-0.2-2.0

Tgt Ion:152 Resp: 49787
Ion Ratio Lower Upper
152 100
150 158.9 125.1 187.7
115 64.0 51.1 76.7



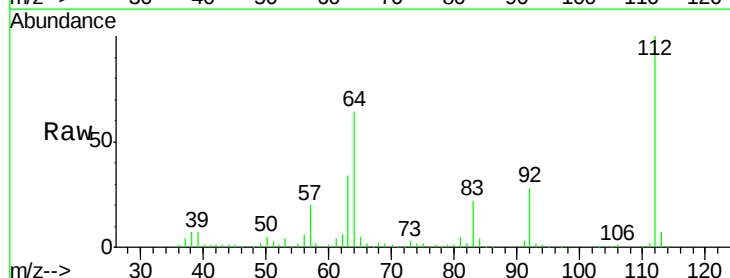
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



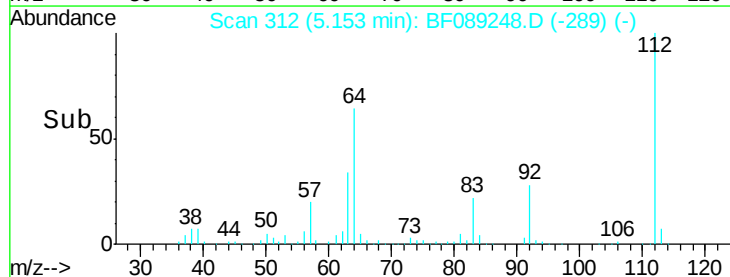
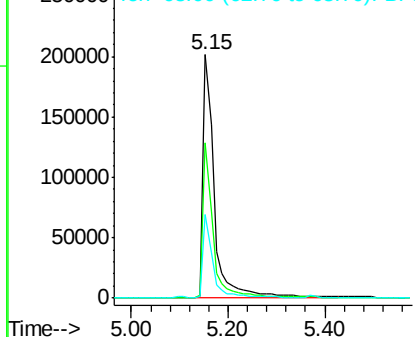
#5

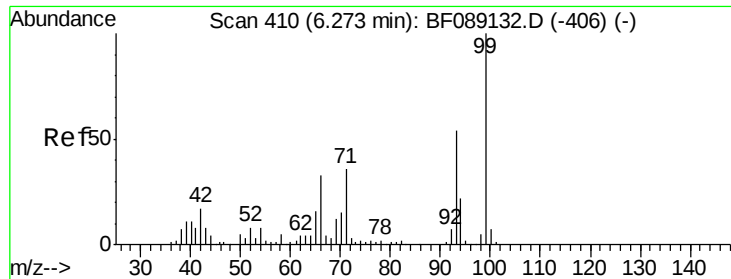
2-Fluorophenol
Concen: 101.70 ng
RT: 5.15 min Scan# 312
Delta R.T. -0.03 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Tgt Ion:112 Resp: 332930
Ion Ratio Lower Upper
112 100
64 63.6 51.0 76.4
63 34.3 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: 112.06 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089248.D

Acq: 23 Jul 2016 22:57

Instrument :

BNA_F

ClientSampleId :

KMW-04-0.2-2.0

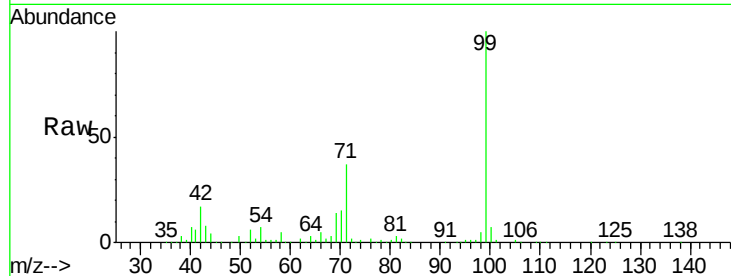
Tgt Ion: 99 Resp: 473048

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

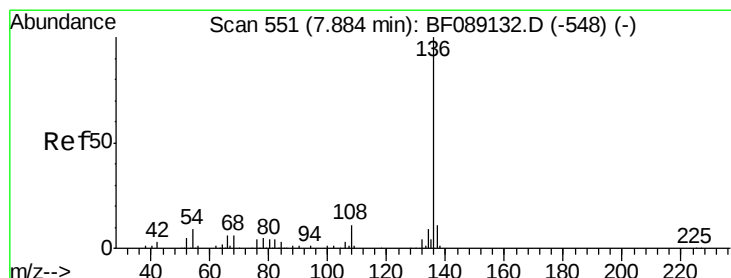
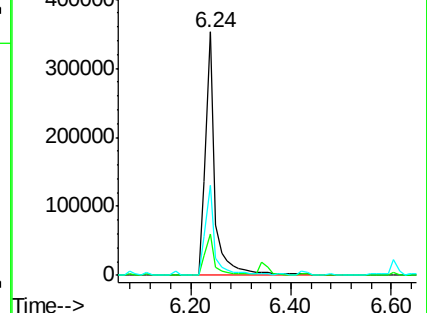
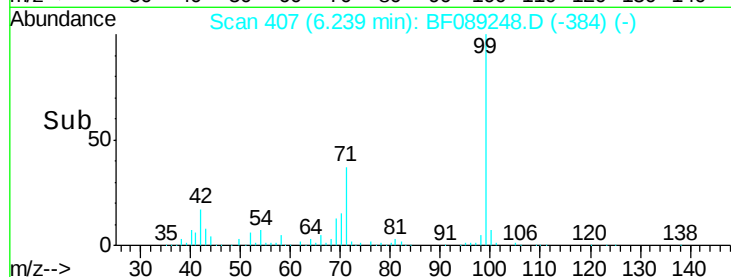
71 36.9 28.9 43.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.02 min

Lab File: BF089248.D

Acq: 23 Jul 2016 22:57

Tgt Ion: 136 Resp: 206448

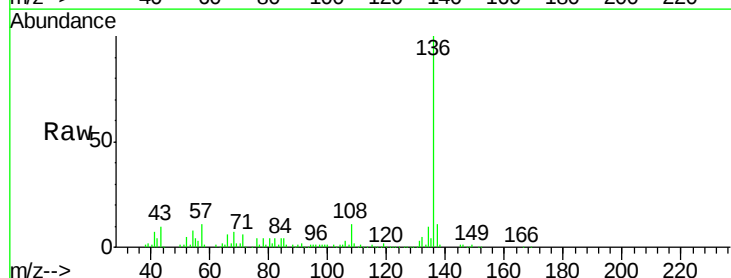
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.4 7.0 10.4

68 6.7 5.0 7.6

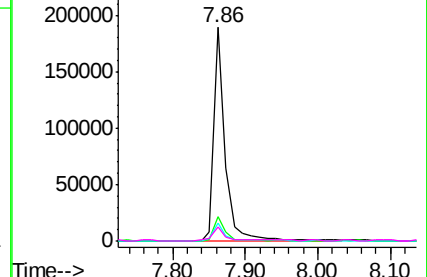
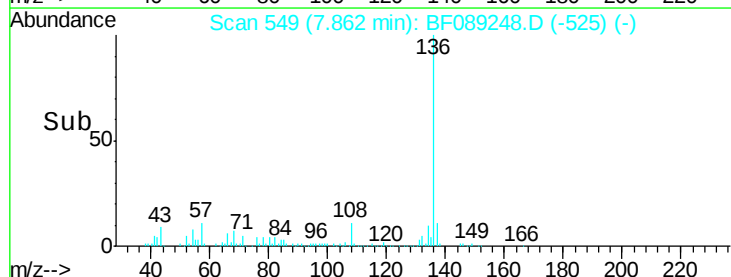


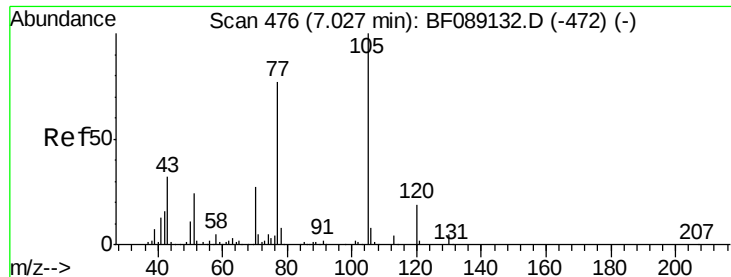
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.37 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.05 min

Lab File: BF089248.D

Acq: 23 Jul 2016 22:57

Instrument :

BNA_F

ClientSampleId :

KMW-04-0.2-2.0

Tgt Ion:105 Resp: 18587

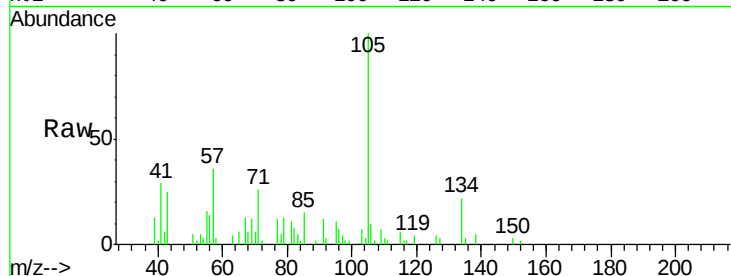
Ion Ratio Lower Upper

105 100

71 25.6 3.8 5.6#

51 4.7 19.6 29.4#

120 0.0 15.5 23.3#



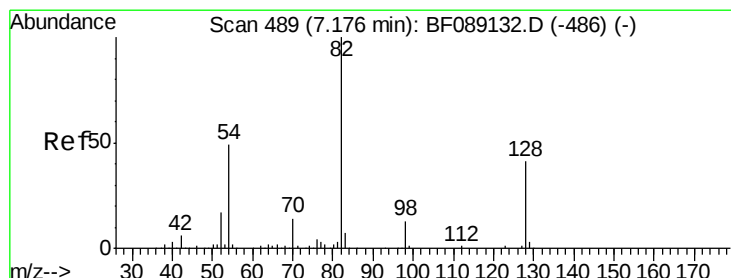
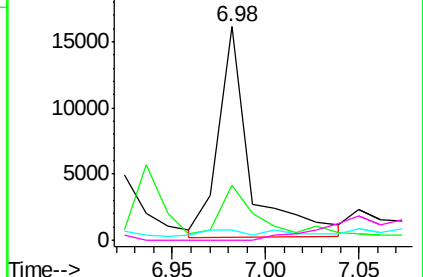
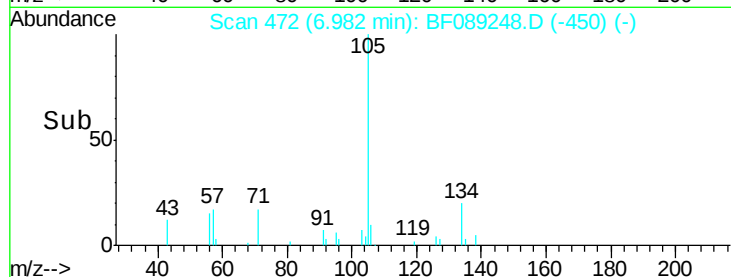
Abundance Ion 105.00 (104.70 to 105.70): E

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

Time-->



#23

Nitrobenzene-d5

Concen: 77.73 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF089248.D

Acq: 23 Jul 2016 22:57

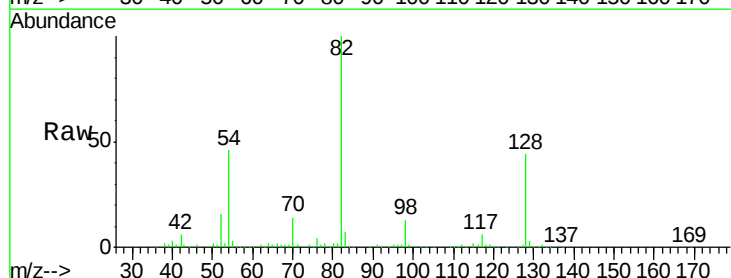
Tgt Ion: 82 Resp: 302011

Ion Ratio Lower Upper

82 100

128 44.1 33.0 49.6

54 45.7 39.0 58.4

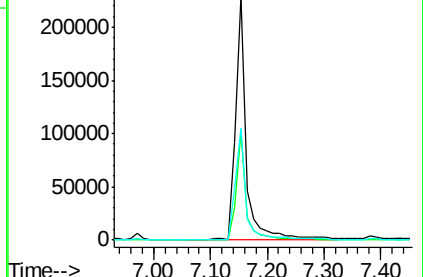
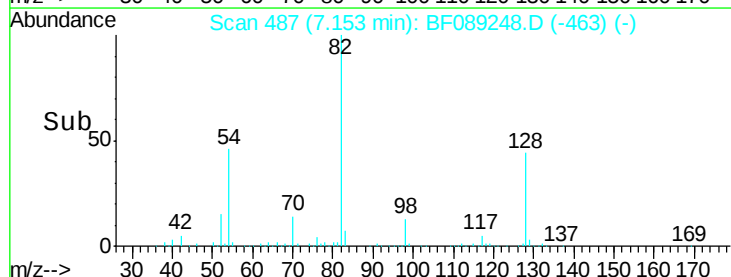


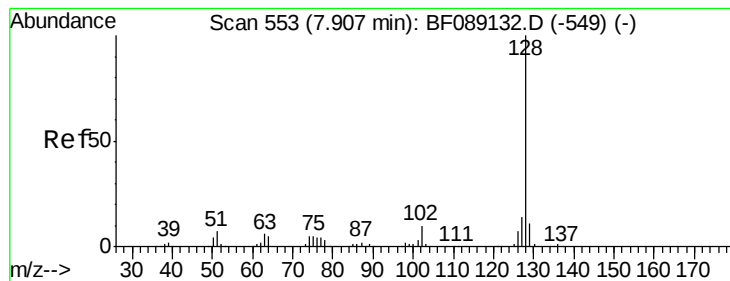
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->





#31

Naphthalene

Concen: 10.62 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.02 min

Lab File: BF089248.D

Acq: 23 Jul 2016 22:57

Instrument :

BNA_F

ClientSampleId :

KMW-04-0.2-2.0

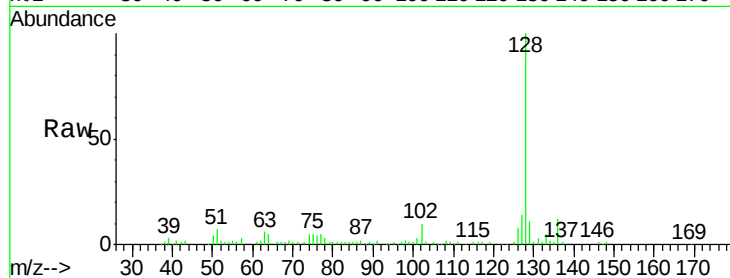
Tgt Ion:128 Resp: 118303

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

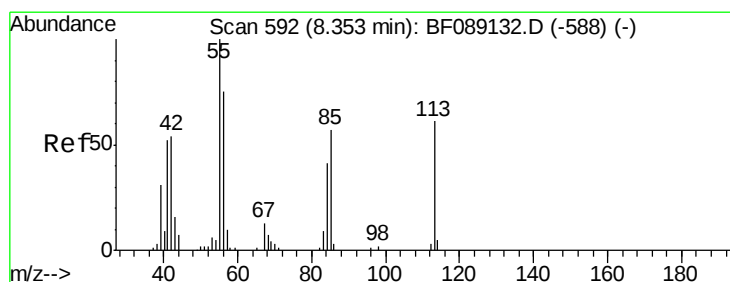
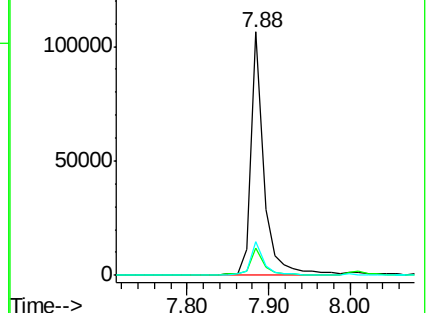
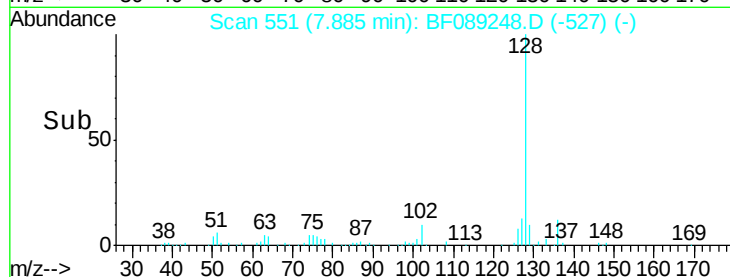
127 13.6 10.8 16.2



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



#35

Caprolactam

Concen: 7.22 ng

RT: 8.31 min Scan# 588

Delta R.T. -0.05 min

Lab File: BF089248.D

Acq: 23 Jul 2016 22:57

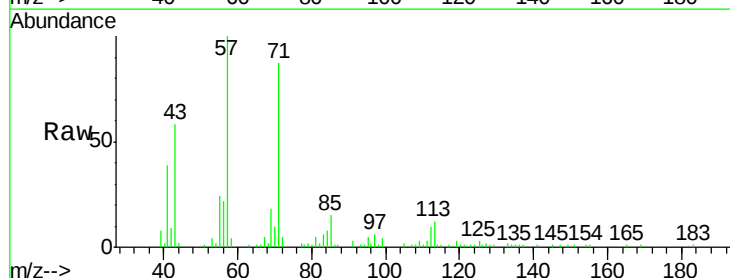
Tgt Ion:113 Resp: 6503

Ion Ratio Lower Upper

113 100

55 202.6 145.3 185.3#

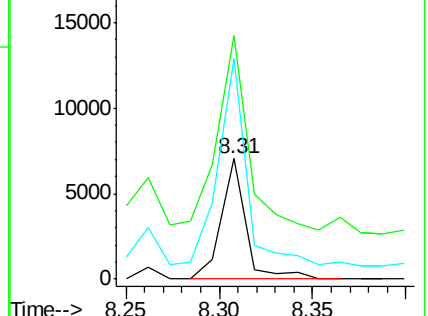
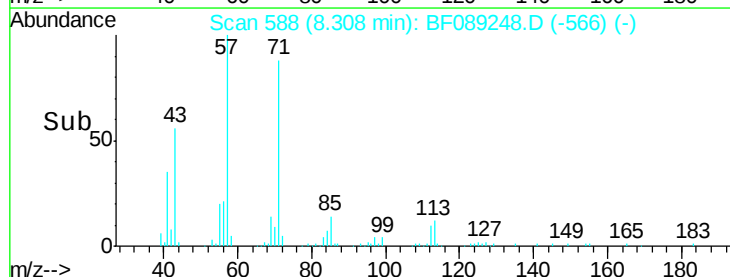
56 183.9 104.3 144.3#

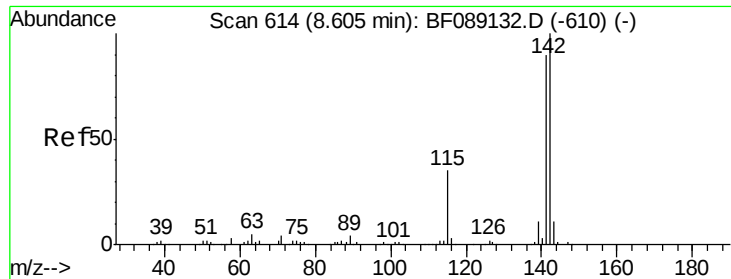


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

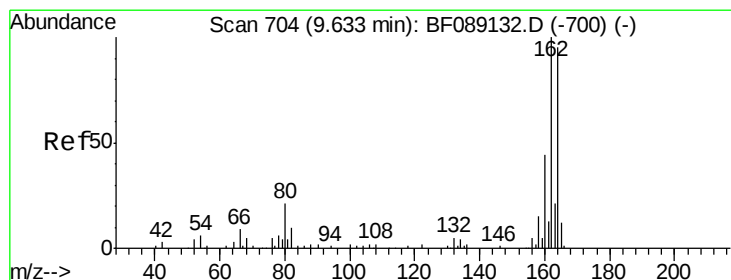
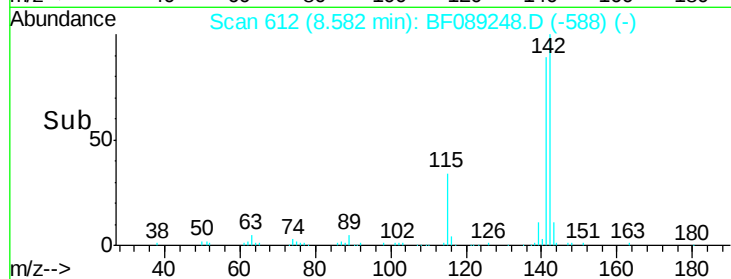
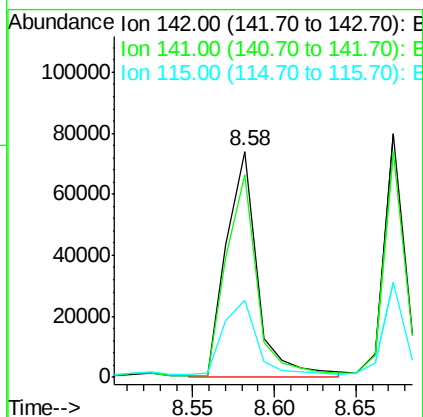
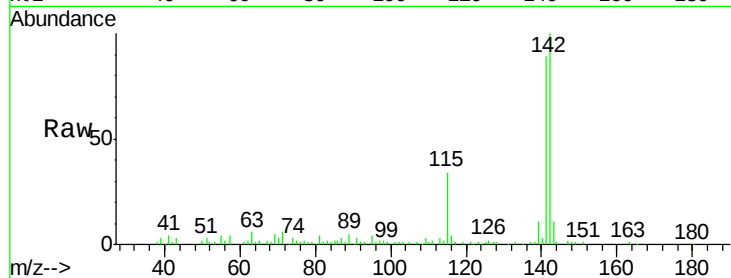




#37
 2-Methylnaphthalene
 Concen: 13.74 ng
 RT: 8.58 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: BF089248.D
 Acq: 23 Jul 2016 22:57

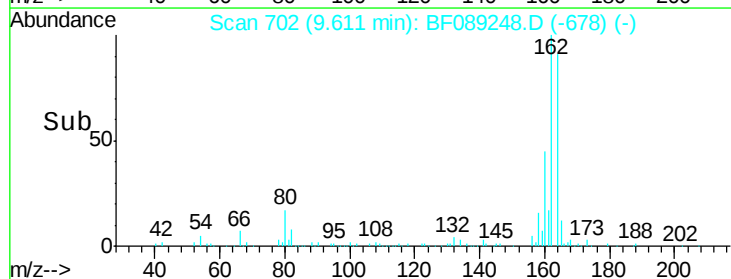
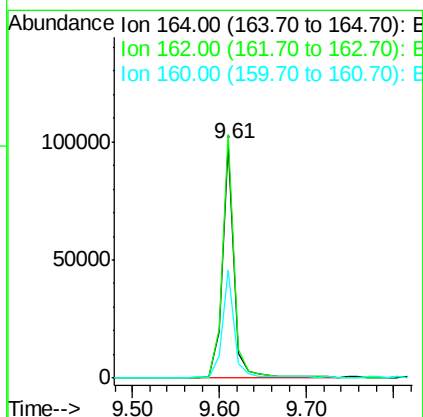
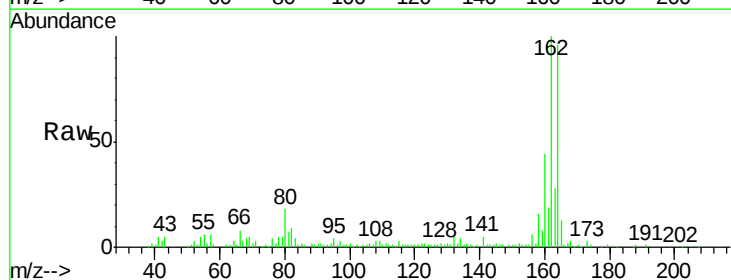
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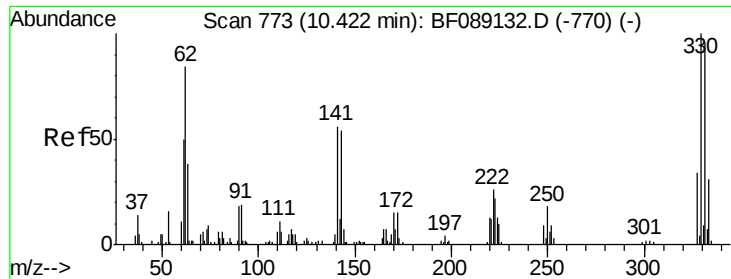
Tgt Ion:142 Resp: 97638
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.6 107.4
 115 34.3 27.6 41.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF089248.D
 Acq: 23 Jul 2016 22:57

Tgt Ion:164 Resp: 95681
 Ion Ratio Lower Upper
 164 100
 162 104.2 84.1 126.1
 160 46.2 37.1 55.7

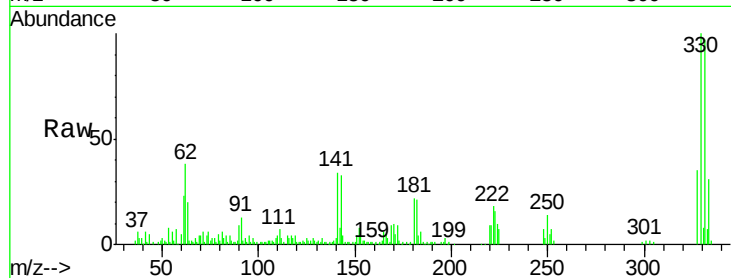




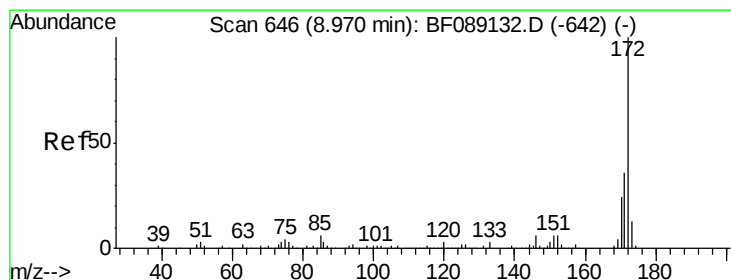
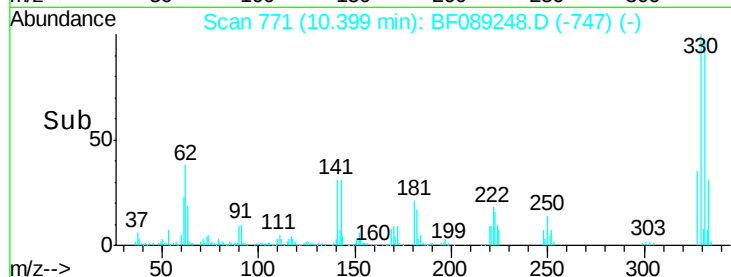
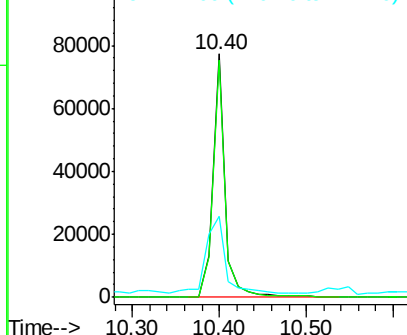
#41
 2,4,6-Tribromophenol
 Concen: 88.80 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF089248.D
 Acq: 23 Jul 2016 22:57

Instrument :
 BNA_F
 ClientSampleId :
 KMW-04-0.2-2.0

Tgt Ion:330 Resp: 76498
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.2 115.8
 141 51.2 42.2 63.2

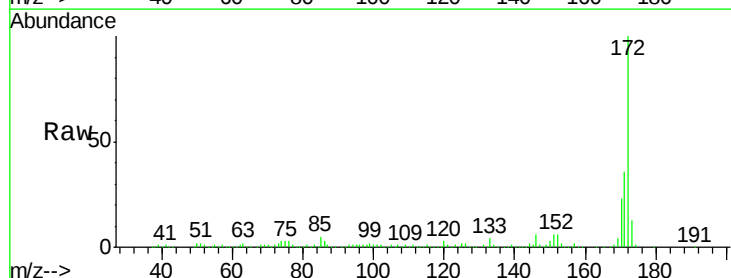


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

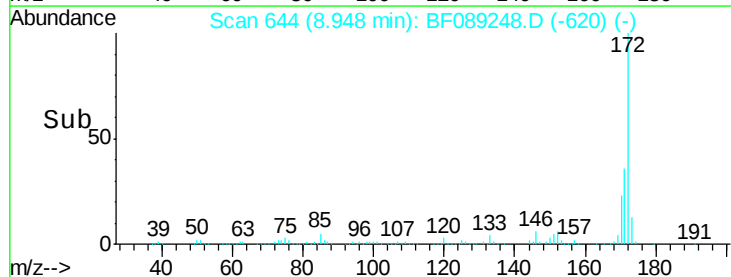
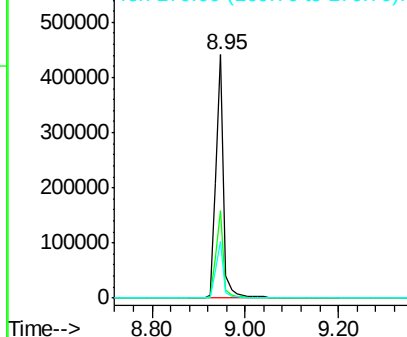


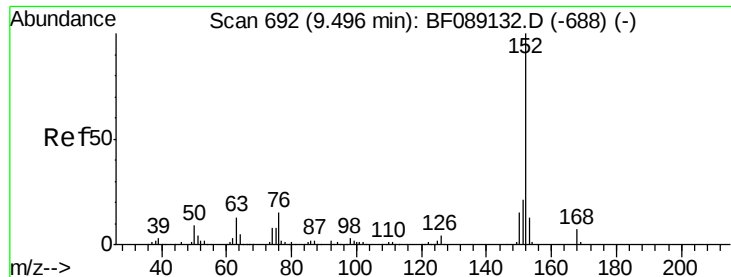
#44
 2-Fluorobiphenyl
 Concen: 73.97 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089248.D
 Acq: 23 Jul 2016 22:57

Tgt Ion:172 Resp: 513651
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.2 43.8
 170 23.3 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





#48

Acenaphthylene

Concen: 4.95 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.02 min

Lab File: BF089248.D

Acq: 23 Jul 2016 22:57

Instrument :

BNA_F

ClientSampleId :

KMW-04-0.2-2.0

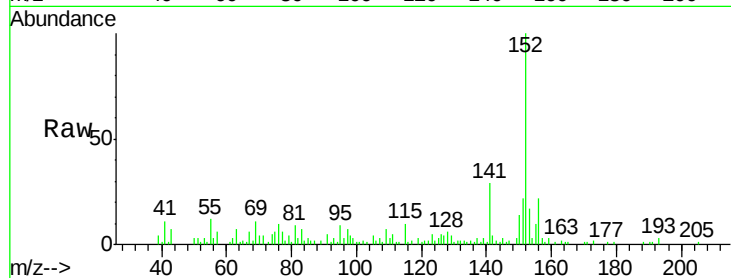
Tgt Ion:152 Resp: 50986

Ion Ratio Lower Upper

152 100

151 21.7 16.5 24.7

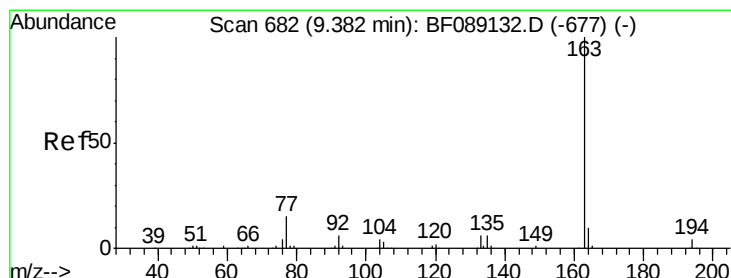
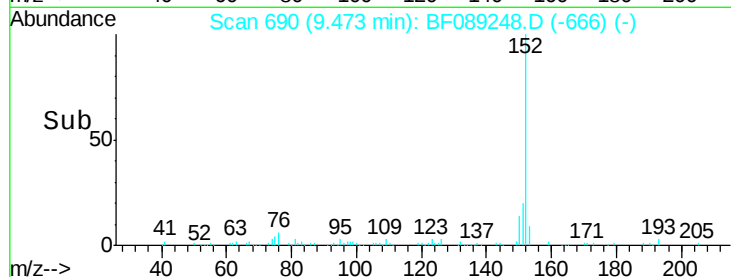
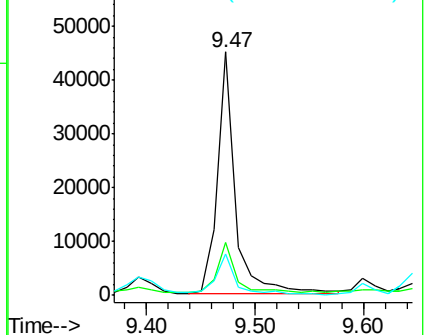
153 17.0 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 18.78 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.03 min

Lab File: BF089248.D

Acq: 23 Jul 2016 22:57

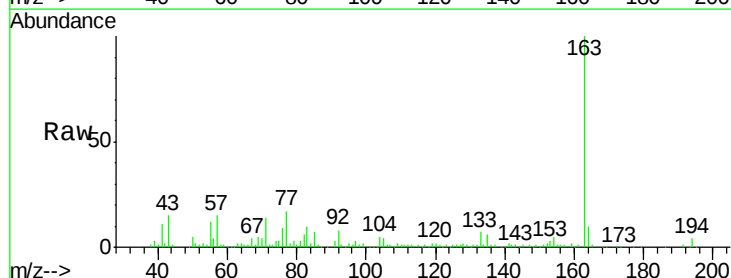
Tgt Ion:163 Resp: 137861

Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

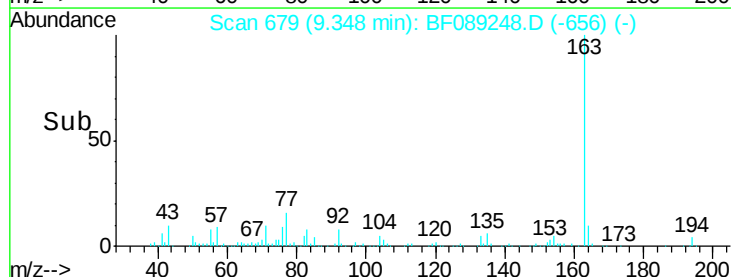
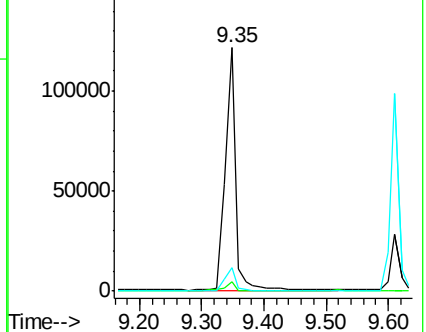
164 9.7 7.6 11.4

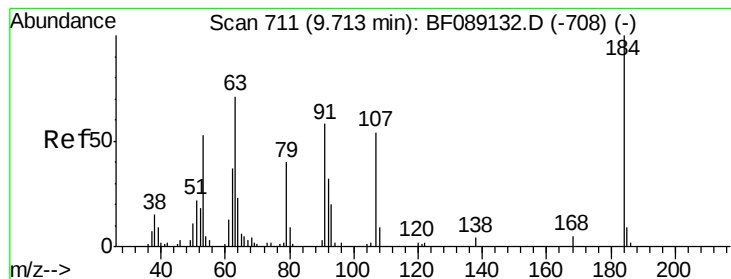


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#53

2,4-Dinitrophenol

Concen: 9.48 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.18 min

Lab File: BF089248.D

Acq: 23 Jul 2016 22:57

Instrument :

BNA_F

ClientSampleId :

KMW-04-0.2-2.0

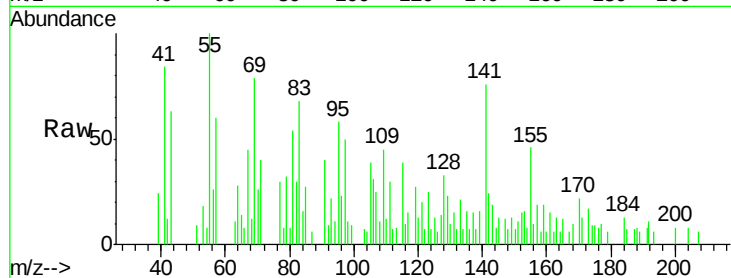
Tgt Ion:184 Resp: 892

Ion Ratio Lower Upper

184 100

63 87.6 60.3 90.5

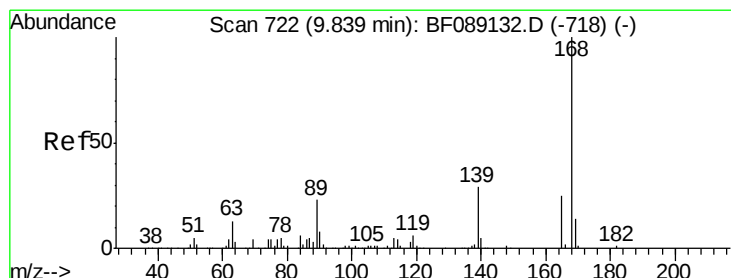
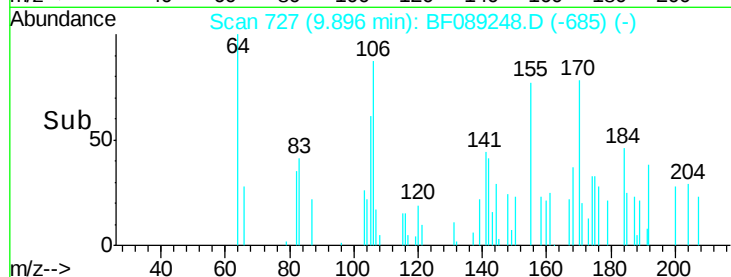
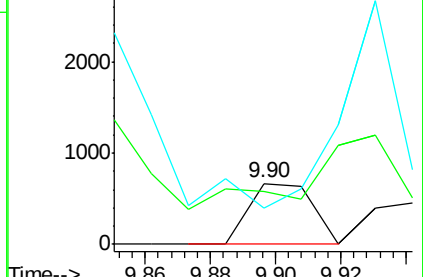
154 58.5 60.7 91.1#



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

Dibenzofuran

Concen: 3.61 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF089248.D

Acq: 23 Jul 2016 22:57

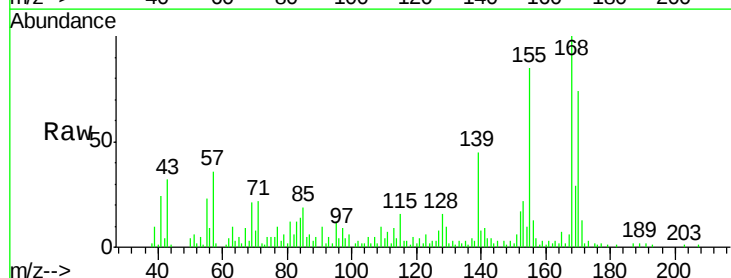
Tgt Ion:168 Resp: 29680

Ion Ratio Lower Upper

168 100

139 44.6 34.4 51.6

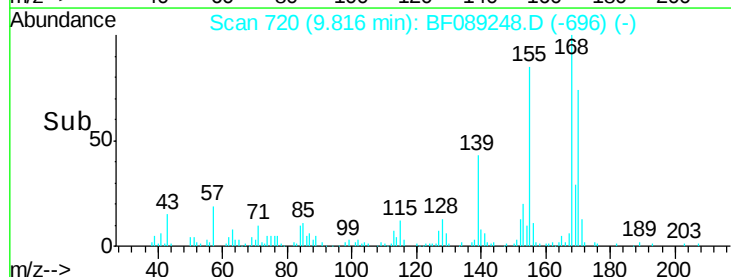
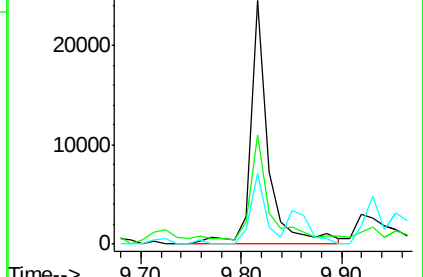
169 29.1 10.8 16.2#

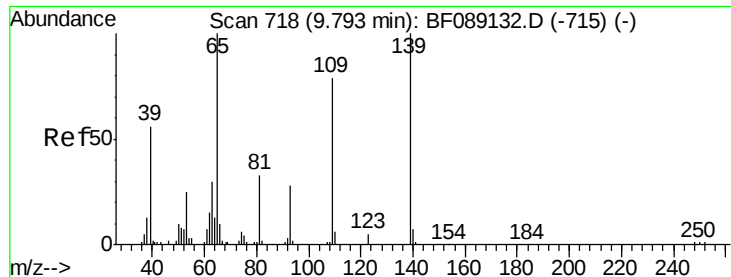


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 2.43 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.07 min

Lab File: BF089248.D

Acq: 23 Jul 2016 22:57

Instrument :

BNA_F

ClientSampleId :

KMW-04-0.2-2.0

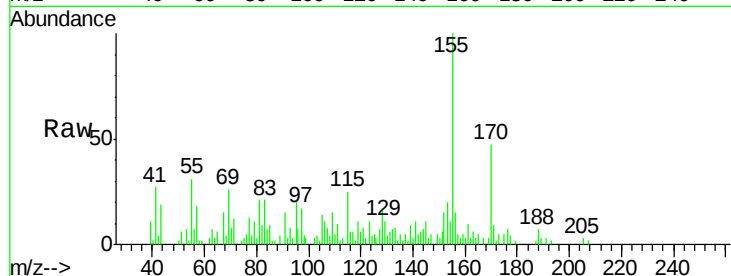
Tgt Ion:139 Resp: 2898

Ion Ratio Lower Upper

139 100

109 164.0 58.7 98.7#

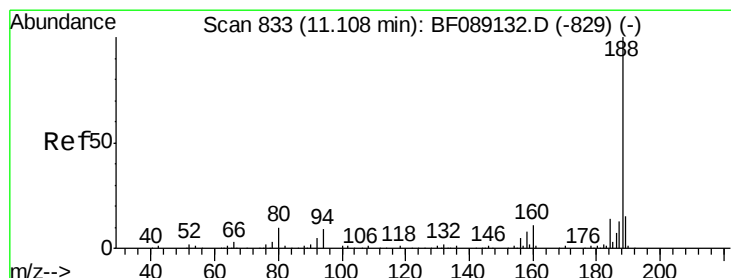
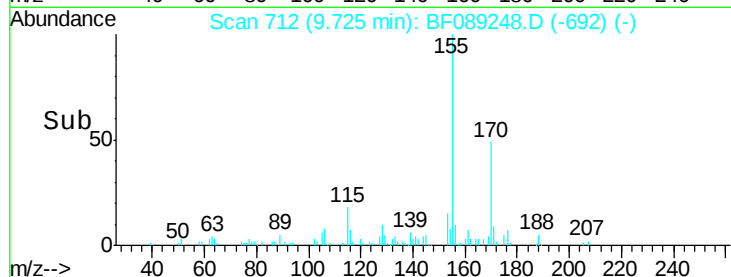
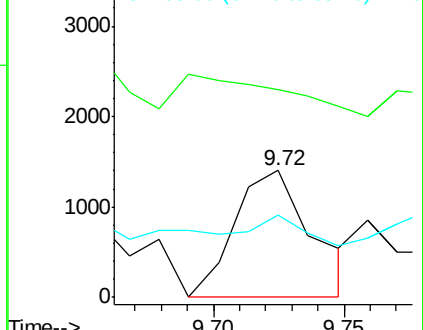
65 64.9 80.2 120.2#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 831

Delta R.T. -0.02 min

Lab File: BF089248.D

Acq: 23 Jul 2016 22:57

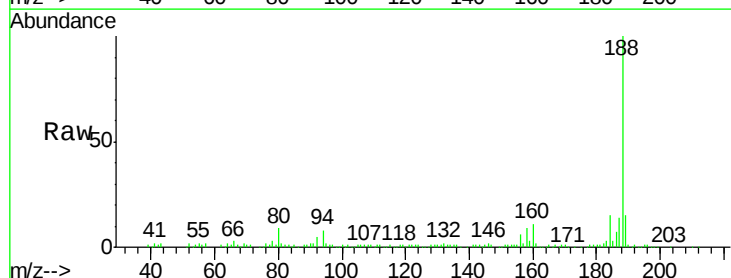
Tgt Ion:188 Resp: 149470

Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.4

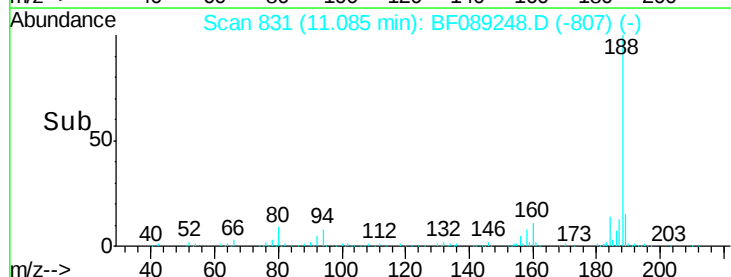
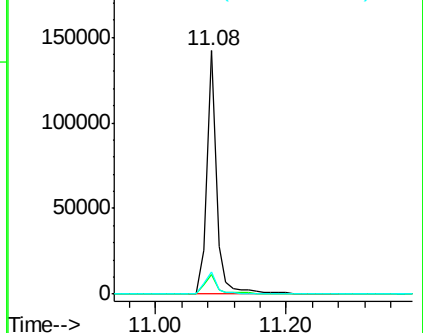
80 9.1 7.7 11.5

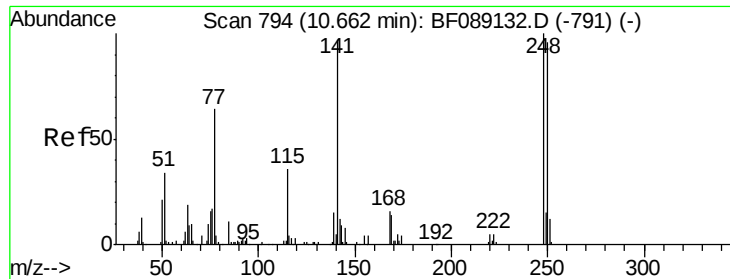


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

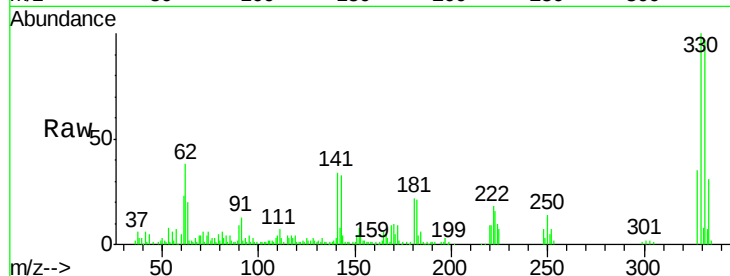




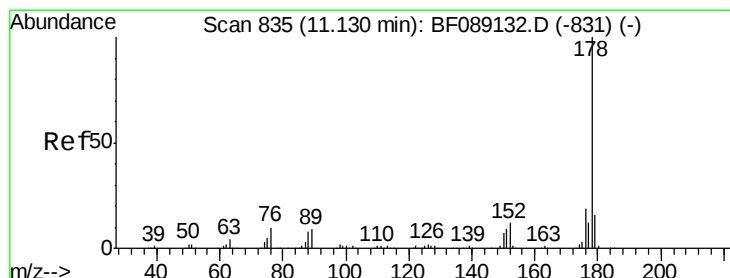
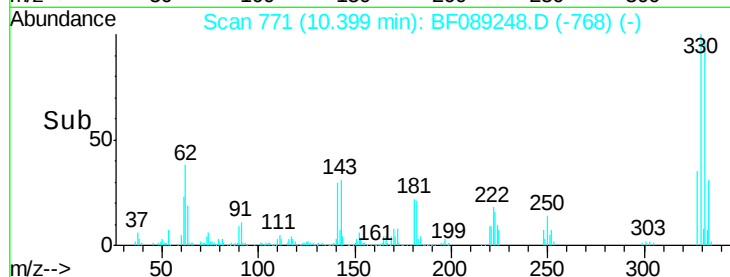
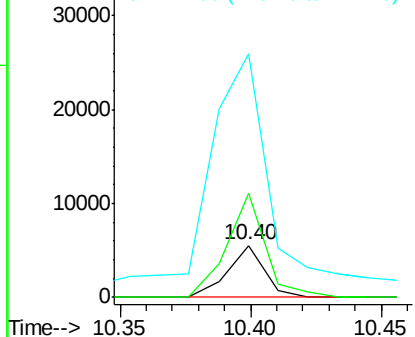
#66
 4-Bromophenyl-phenylether
 Concen: 3.68 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.26 min
 Lab File: BF089248.D
 Acq: 23 Jul 2016 22:57

Instrument :
 BNA_F
 ClientSampleId :
 KMW-04-0.2-2.0

Tgt Ion: 248 Resp: 5437
 Ion Ratio Lower Upper
 248 100
 250 199.7 76.9 115.3#
 141 466.7 77.4 116.2#

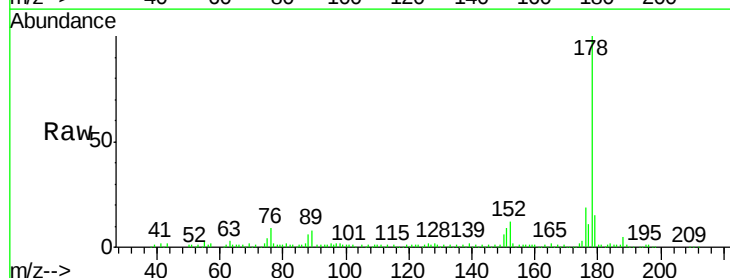


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

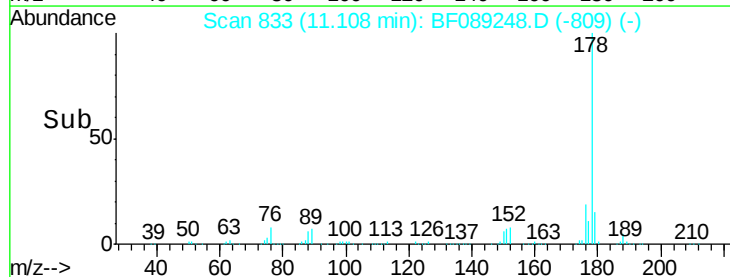
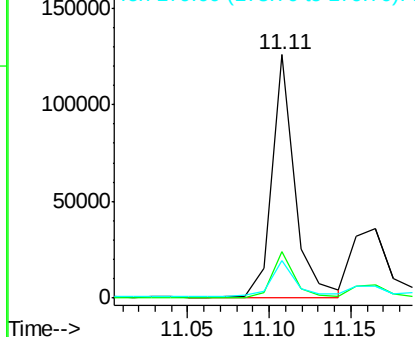


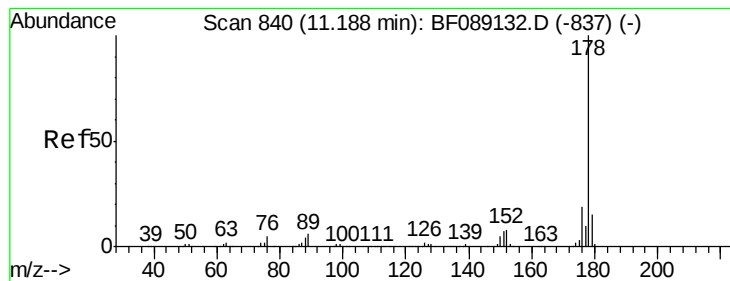
#70
 Phenanthrene
 Concen: 14.90 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BF089248.D
 Acq: 23 Jul 2016 22:57

Tgt Ion: 178 Resp: 122208
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.6 23.4
 179 15.5 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: 7.77 ng

RT: 11.16 min Scan# 838

Delta R.T. -0.02 min

Lab File: BF089248.D

Acq: 23 Jul 2016 22:57

Instrument :

BNA_F

ClientSampleId :

KMW-04-0.2-2.0

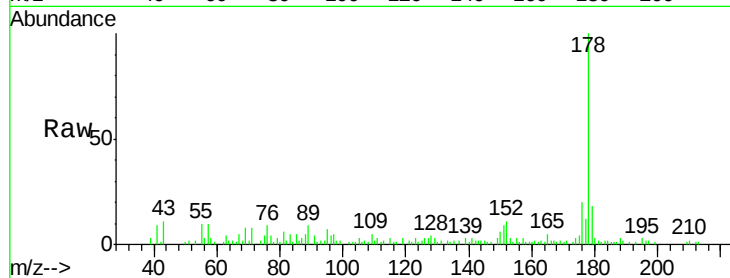
Tgt Ion:178 Resp: 66251

Ion Ratio Lower Upper

178 100

176 19.6 14.9 22.3

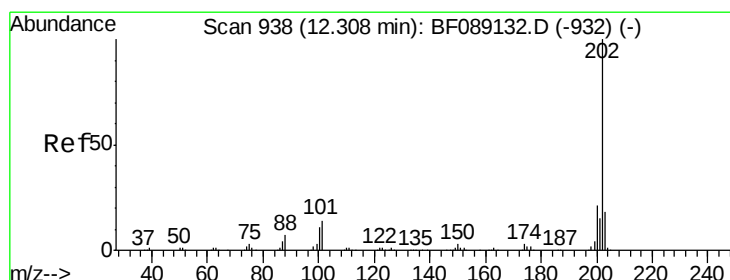
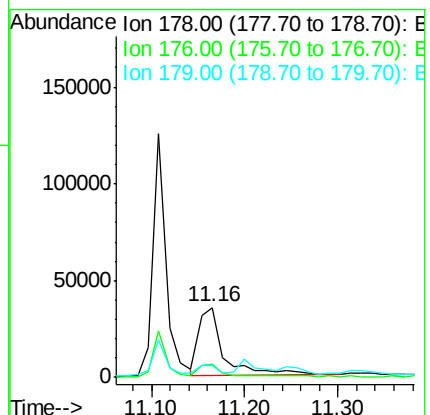
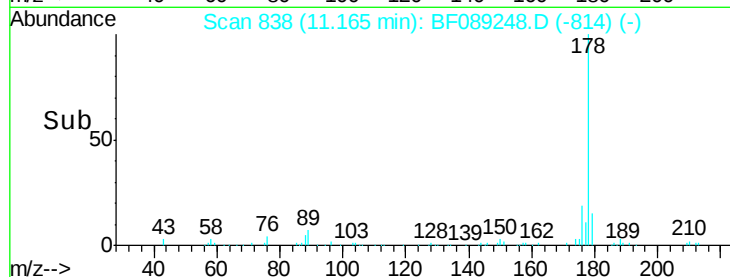
179 17.5 12.0 18.0



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



#74

Fluoranthene

Concen: 39.77 ng

RT: 12.29 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF089248.D

Acq: 23 Jul 2016 22:57

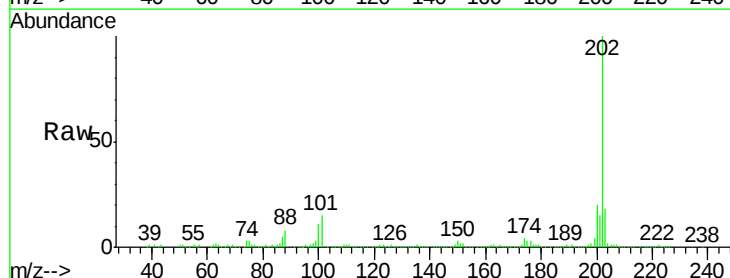
Tgt Ion:202 Resp: 342767

Ion Ratio Lower Upper

202 100

101 15.0 0.0 34.0

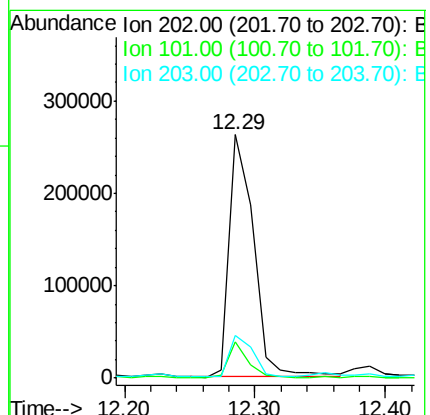
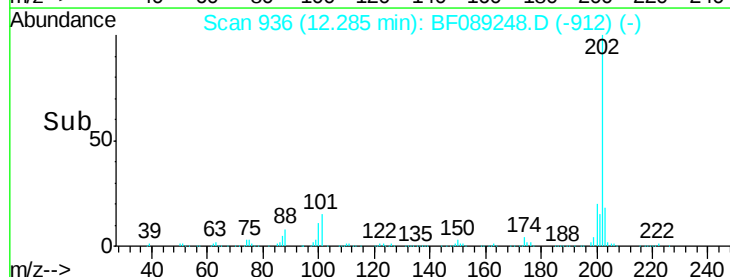
203 17.7 0.0 37.8

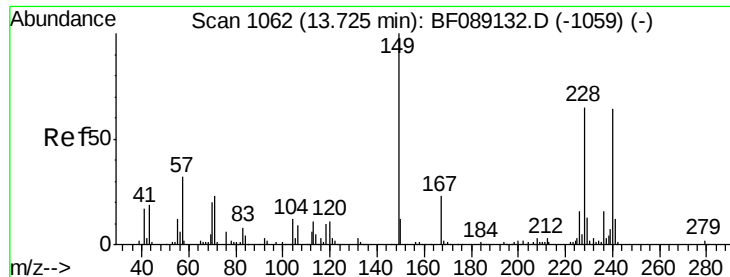


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089248.D

Acq: 23 Jul 2016 22:57

Instrument :

BNA_F

ClientSampleId :

KMW-04-0.2-2.0

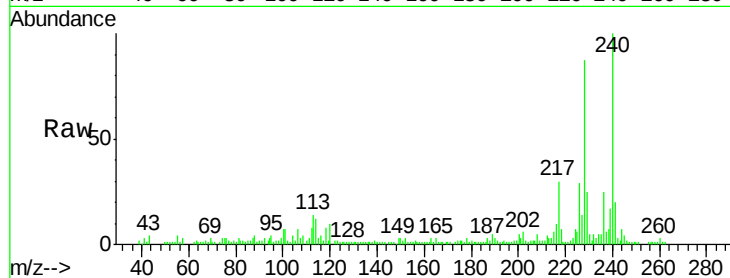
Tgt Ion:240 Resp: 94843

Ion Ratio Lower Upper

240 100

120 9.5 13.6 20.4#

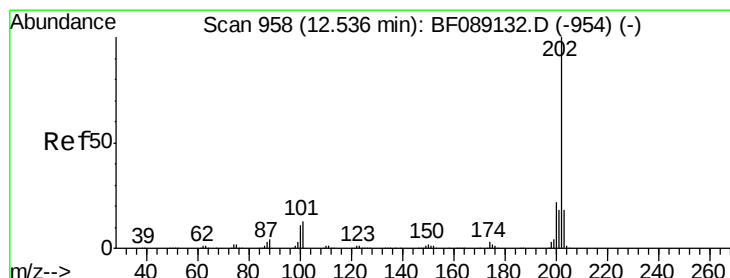
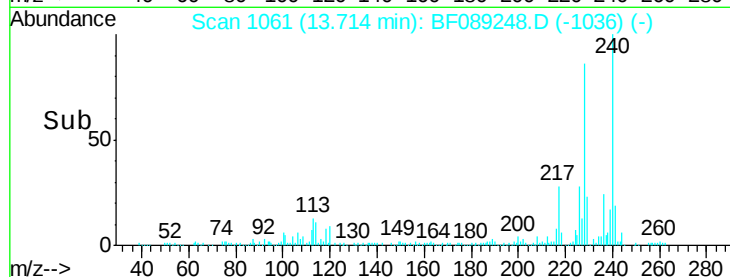
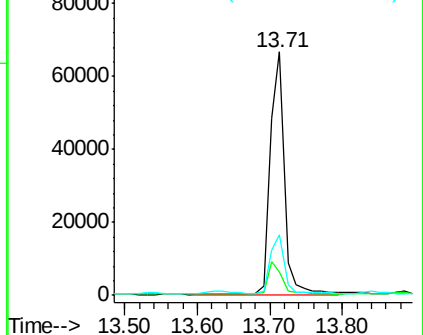
236 24.9 20.5 30.7



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: 42.84 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.02 min

Lab File: BF089248.D

Acq: 23 Jul 2016 22:57

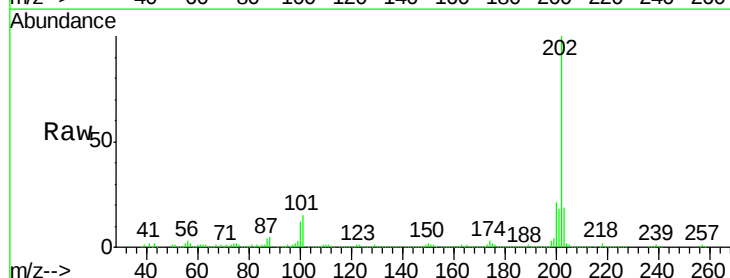
Tgt Ion:202 Resp: 335560

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.0

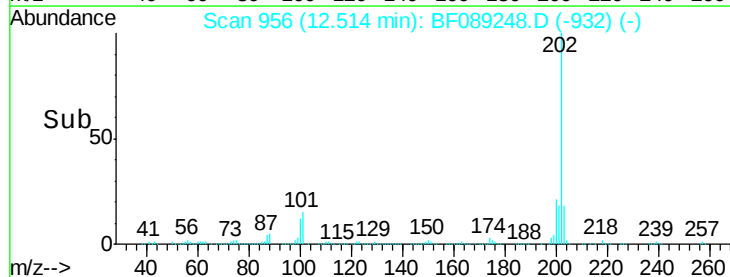
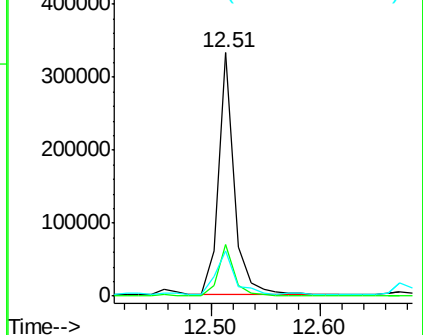
203 18.6 14.2 21.2

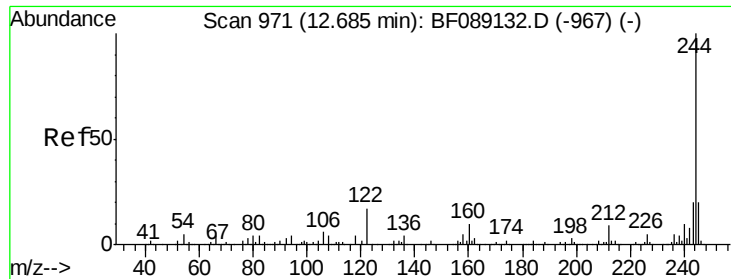


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

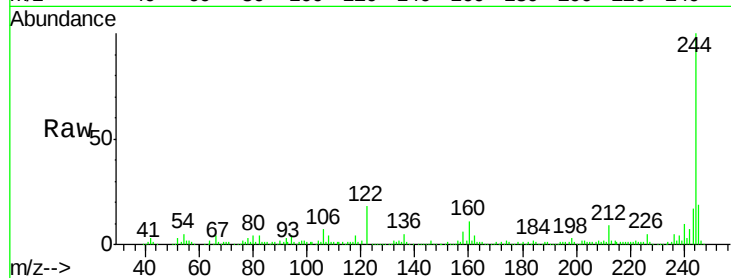




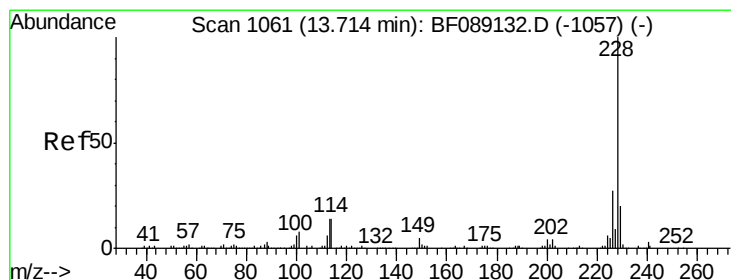
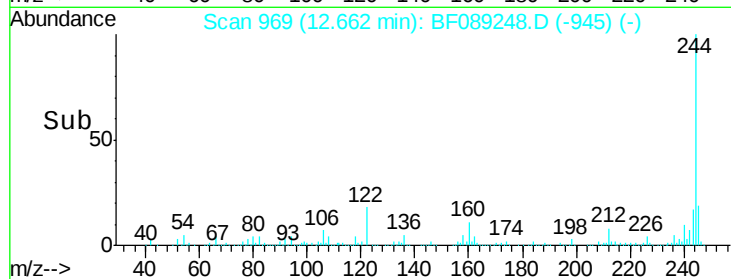
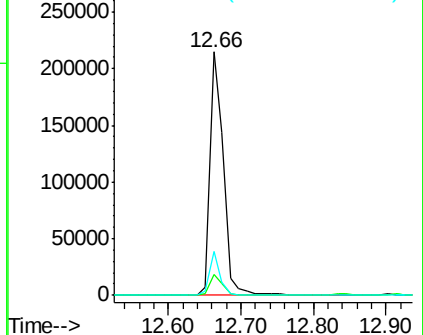
#78
 Terphenyl-d14
 Concen: 62.52 ng
 RT: 12.66 min Scan# 969
 Delta R.T. -0.02 min
 Lab File: BF089248.D
 Acq: 23 Jul 2016 22:57

Instrument :
 BNA_F
 ClientSampleId :
 KMW-04-0.2-2.0

Tgt Ion:244 Resp: 273398
 Ion Ratio Lower Upper
 244 100
 212 8.6 7.0 10.4
 122 17.9 13.8 20.8

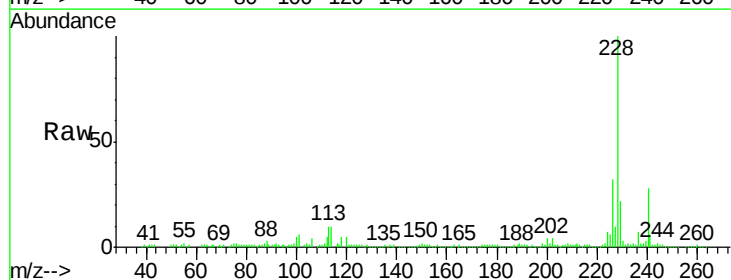


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

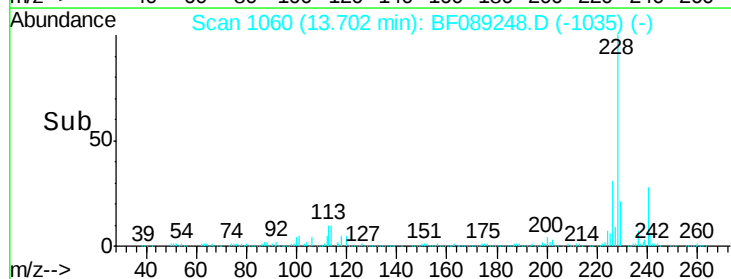
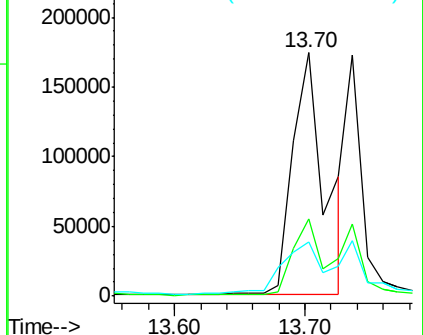


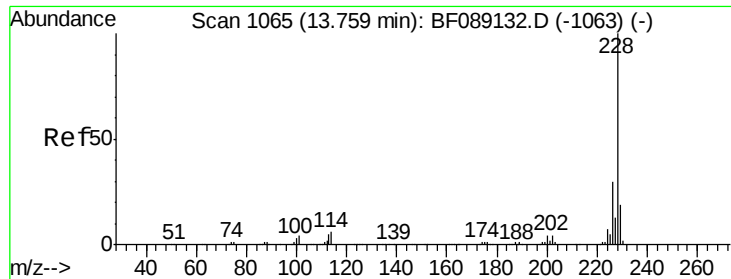
#80
 Benzo(a)anthracene
 Concen: 49.71 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BF089248.D
 Acq: 23 Jul 2016 22:57

Tgt Ion:228 Resp: 300275
 Ion Ratio Lower Upper
 228 100
 226 31.6 21.8 32.8
 229 22.3 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 52.04 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.06 min

Lab File: BF089248.D

Acq: 23 Jul 2016 22:57

Instrument :

BNA_F

ClientSampleId :

KMW-04-0.2-2.0

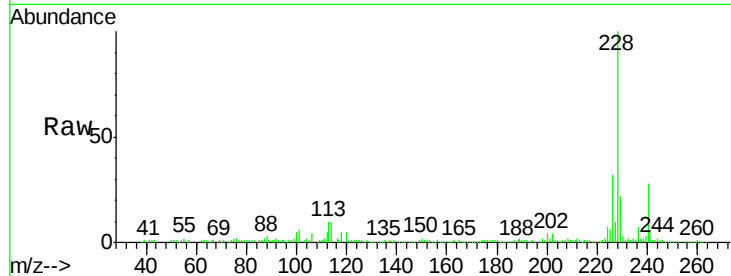
Tgt Ion:228 Resp: 300275

Ion Ratio Lower Upper

228 100

226 31.6 23.8 35.8

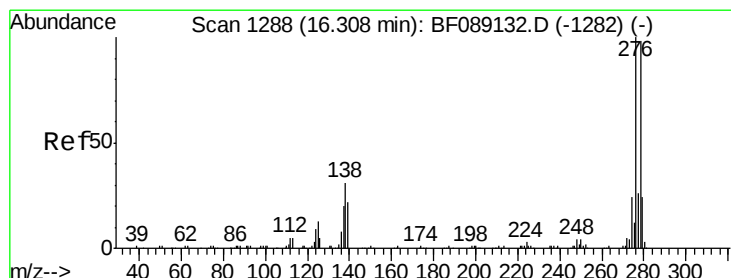
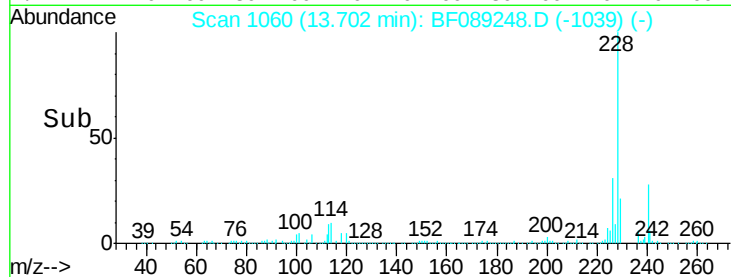
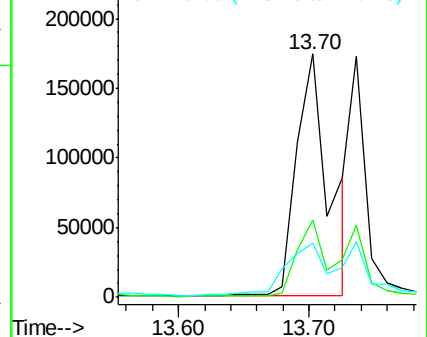
229 22.3 15.4 23.0



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: 42.19 ng

RT: 16.29 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BF089248.D

Acq: 23 Jul 2016 22:57

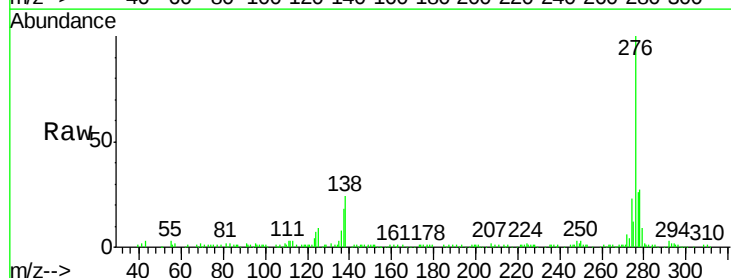
Tgt Ion:276 Resp: 176818

Ion Ratio Lower Upper

276 100

138 25.8 23.7 35.5

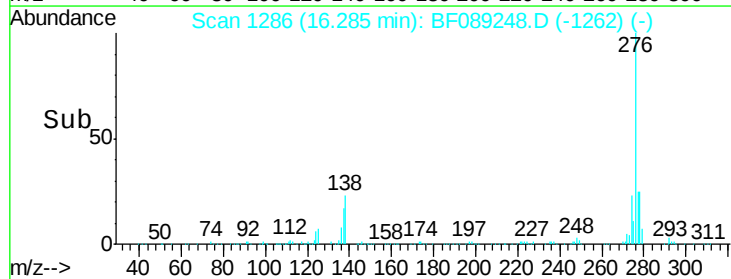
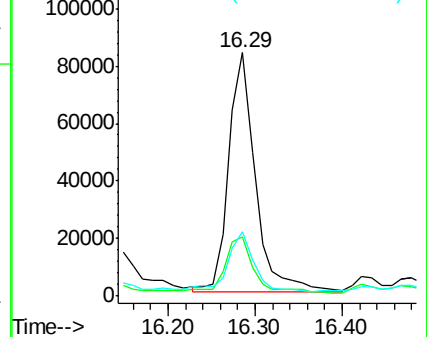
277 24.2 20.6 31.0

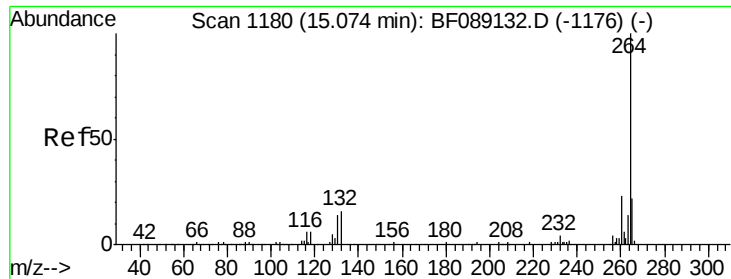


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

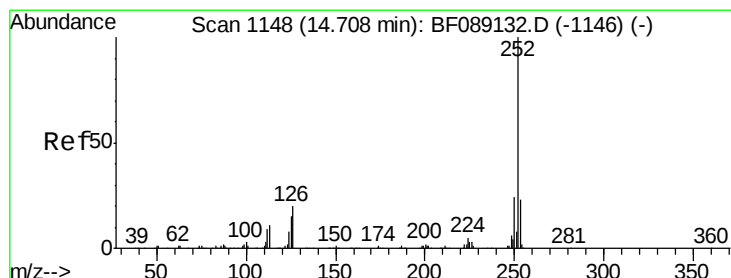
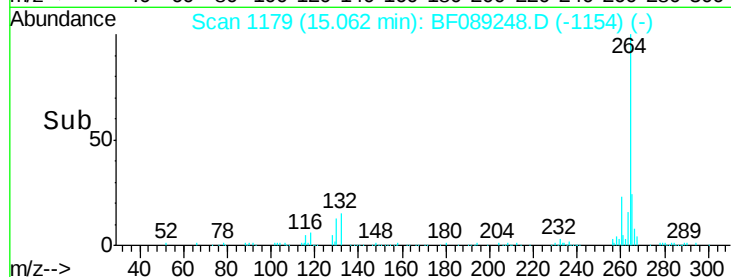
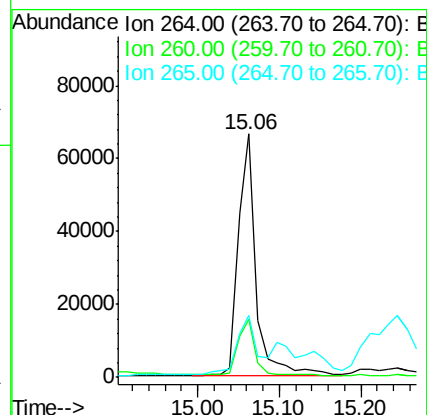
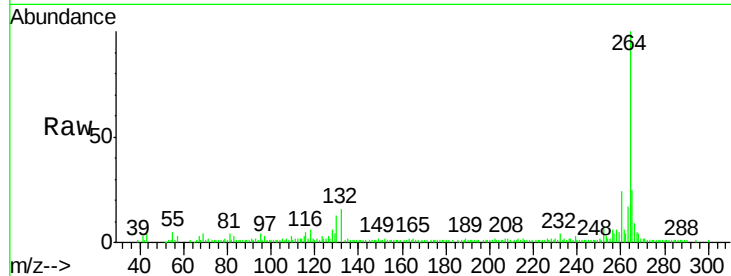




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

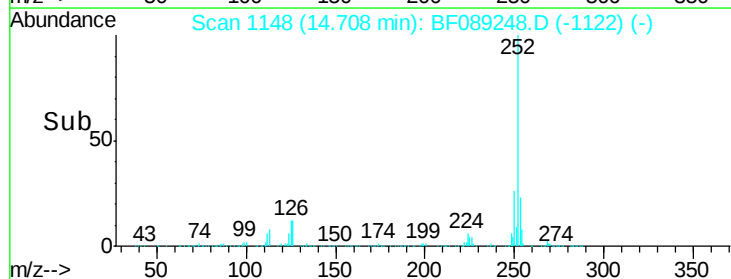
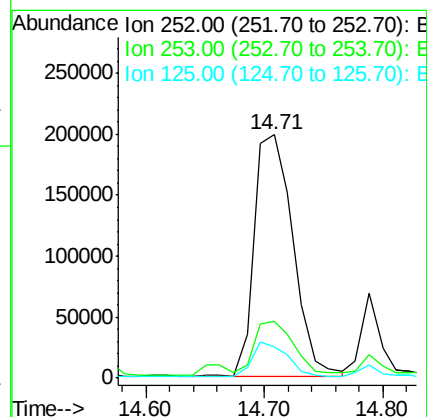
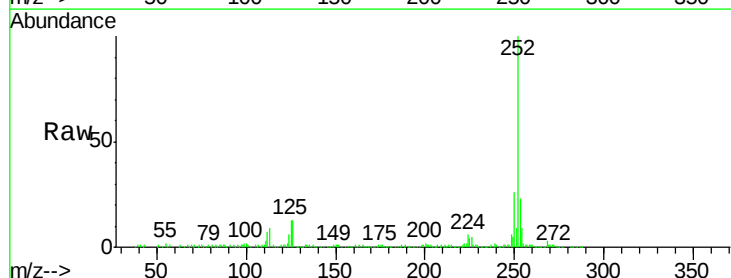
Instrument :
BNA_F
ClientSampleId :
KMW-04-0.2-2.0

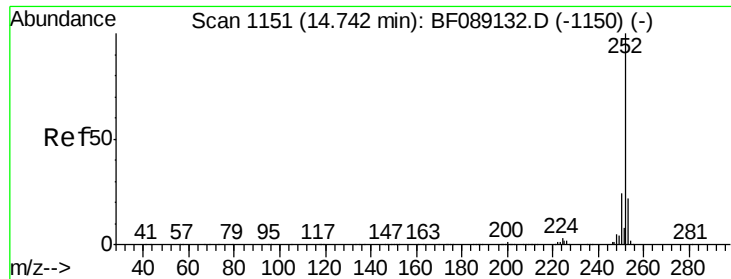
Tgt Ion:	264	Resp:	101721
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.5	27.7
265	25.3	17.3	25.9



#87
Benzo(b)fluoranthene
Concen: 61.14 ng
RT: 14.71 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF089248.D
Acq: 23 Jul 2016 22:57

Tgt Ion:	252	Resp:	450431
Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	12.8	11.9	17.9





#88

Benzo(k)fluoranthene

Concen: 85.39 ng

RT: 14.71 min Scan# 1148

Delta R.T. -0.03 min

Lab File: BF089248.D

Acq: 23 Jul 2016 22:57

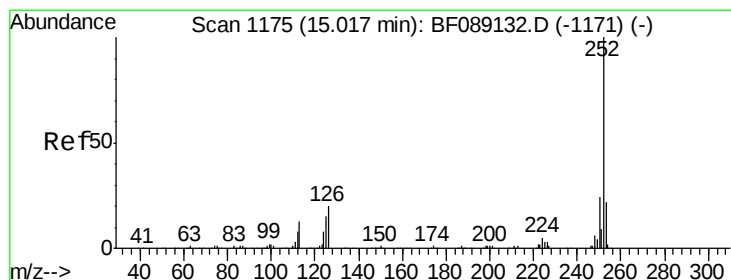
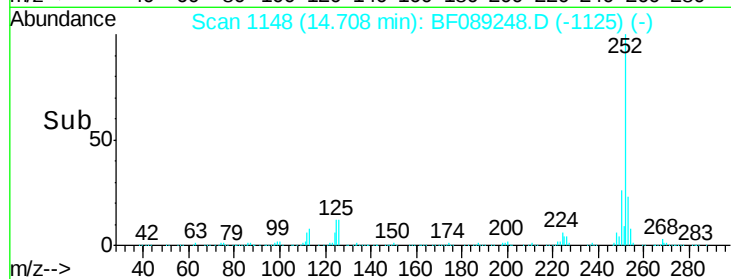
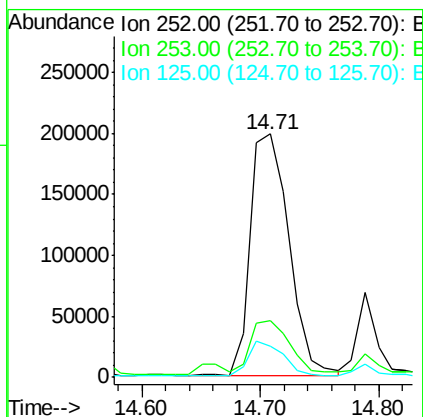
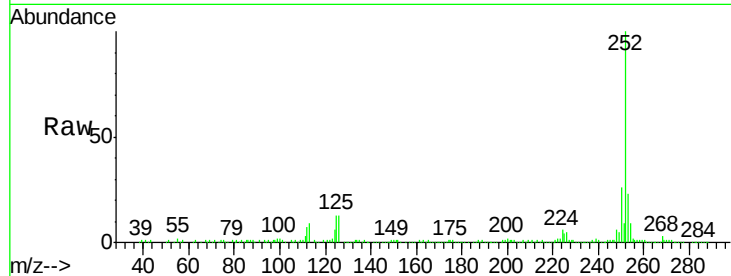
Instrument :

BNA_F

ClientSampleId :

KMW-04-0.2-2.0

Tgt Ion:	252	Resp:	449861
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.3	25.9
125	12.8	6.3	9.5#



#89

Benzo(a)pyrene

Concen: 46.81 ng

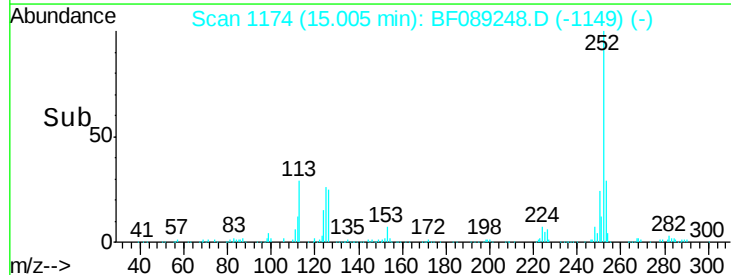
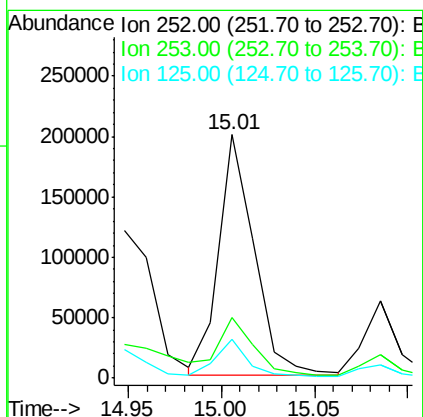
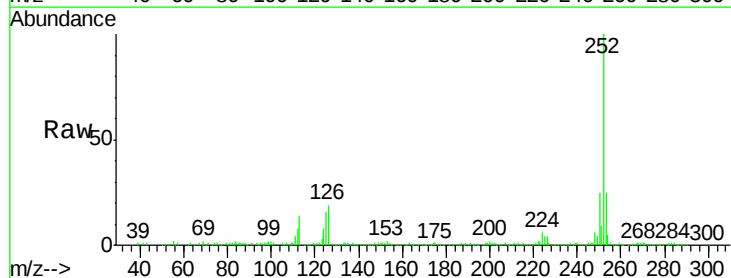
RT: 15.01 min Scan# 1174

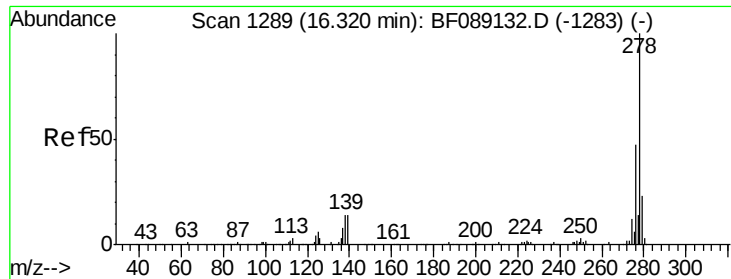
Delta R.T. -0.01 min

Lab File: BF089248.D

Acq: 23 Jul 2016 22:57

Tgt Ion:	252	Resp:	267723
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.4	26.0
125	15.9	12.4	18.6





#90

Dibenzo(a,h)anthracene

Concen: 11.57 ng

RT: 16.29 min Scan# 1286

Delta R.T. -0.03 min

Lab File: BF089248.D

Acq: 23 Jul 2016 22:57

Instrument :

BNA_F

ClientSampleId :

KMW-04-0.2-2.0

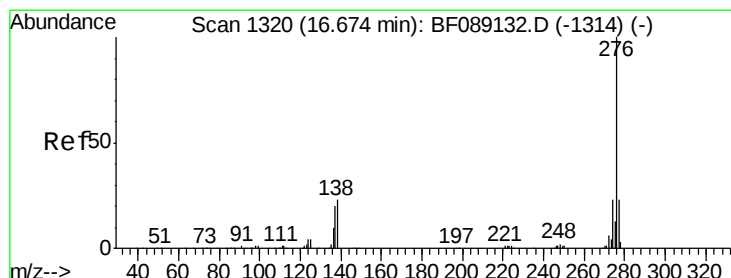
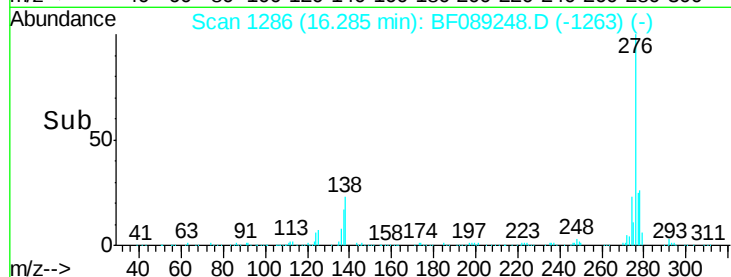
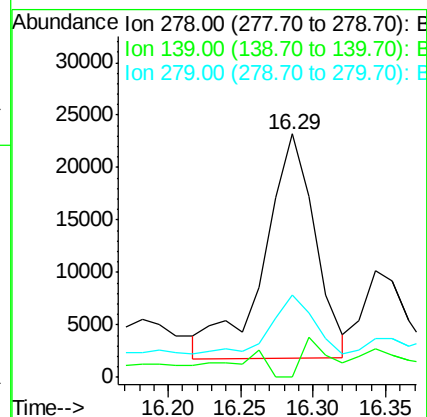
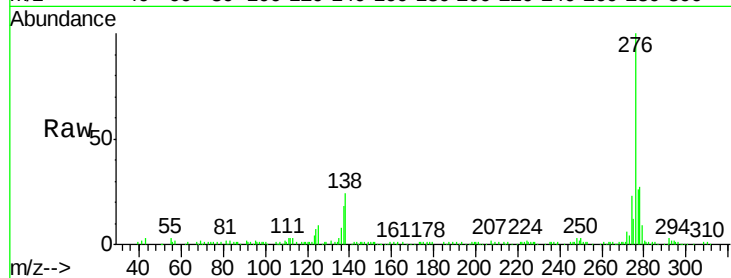
Tgt Ion:278 Resp: 52262

Ion Ratio Lower Upper

278 100

139 0.0 11.4 17.2#

279 33.9 18.4 27.6#



#91

Benzo(g,h,i)perylene

Concen: 35.68 ng

RT: 16.65 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BF089248.D

Acq: 23 Jul 2016 22:57

Tgt Ion:276 Resp: 162476

Ion Ratio Lower Upper

276 100

277 24.6 18.5 27.7

138 25.4 18.5 27.7

