

Data Path : Z:\HPCHEM1\BNA F\Data\BF012815\
 Data File : BF077117.D
 Acq On : 29 Jan 2015 3:17
 Operator : TP/IZ
 Sample : G1158-04RE
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 29 04:01:28 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 29 03:47:51 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	26470	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	107753	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	50050	20.00	ng	-0.01
63) Phenanthrene-d10	17.60	188	89333	20.00	ng	0.01
75) Chrysene-d12	21.18	240	80878	20.00	ng	0.08
86) Perylene-d12	22.88	264	71343	20.00	ng	0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.74	112	69502	43.17	ng	0.00
7) Phenol-d6	7.12	99	109424	53.88	ng	-0.01
23) Nitrobenzene-d5	9.02	82	70238	36.11	ng	-0.01
41) 2,4,6-Tribromophenol	16.48	330	11406	28.07	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	145494	44.24	ng	0.00
78) Terphenyl-d14	19.89	244	130653	37.19	ng	0.05

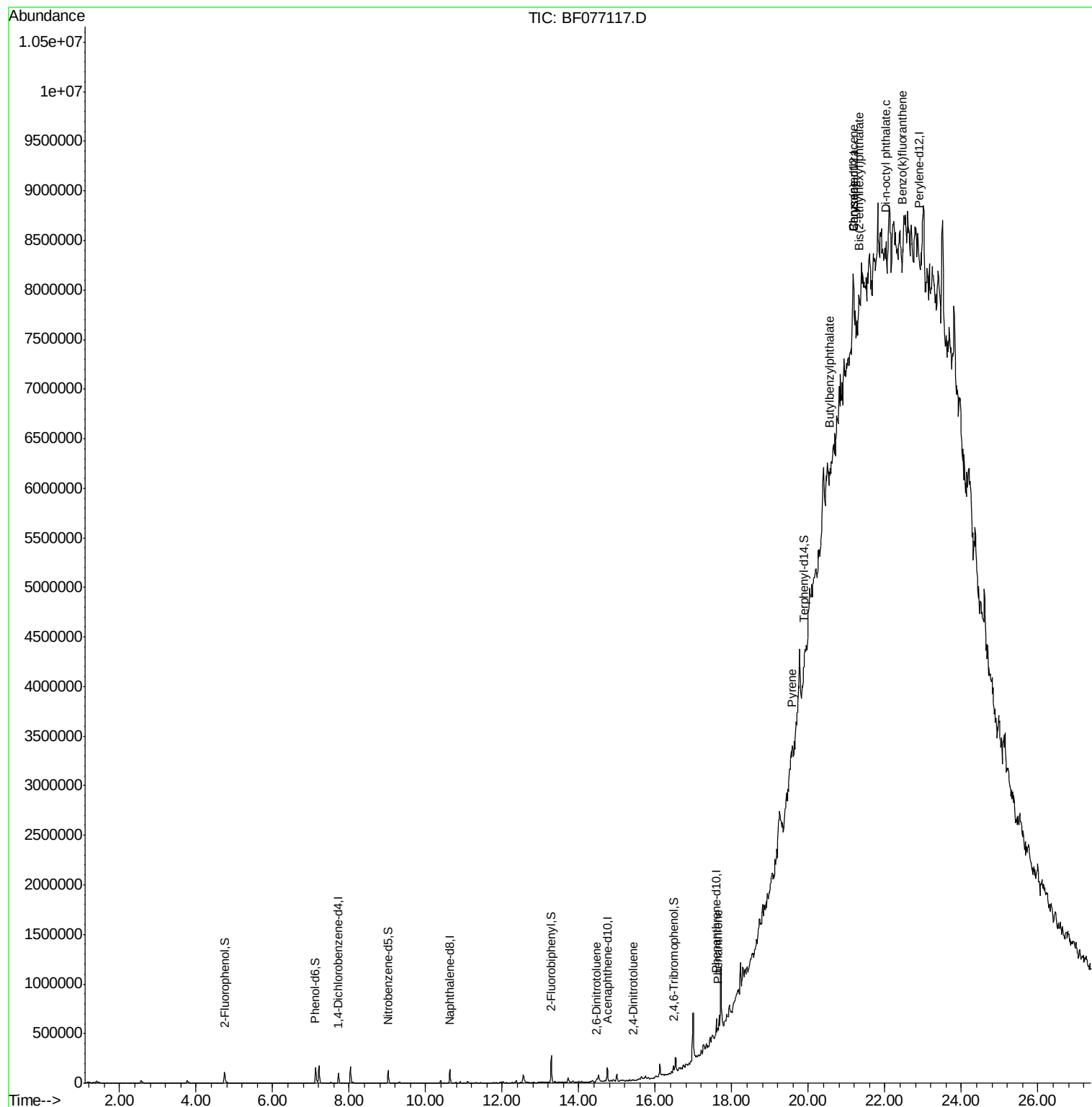
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) 2,6-Dinitrotoluene	14.46	165	2495	3.52	ng	# 21
56) 2,4-Dinitrotoluene	15.42	165	231	2.32	ng	# 20
70) Phenanthrene	17.64	178	30086	5.40	ng	# 86
77) Pyrene	19.58	202	33445	6.03	ng	# 48
79) Butylbenzylphthalate	20.55	149	13260	5.28	ng	# 49
80) Benzo(a)anthracene	21.18	228	11849	2.34	ng	# 1
82) Chrysene	21.18	228	10756	2.32	ng	# 1
83) Bis(2-ethylhexyl)phthalate	21.32	149	161156	46.40	ng	# 78
84) Di-n-octyl phthalate	22.04	149	32196	5.34	ng	# 80
88) Benzo(k)fluoranthene	22.46	252	8447	2.01	ng	# 1

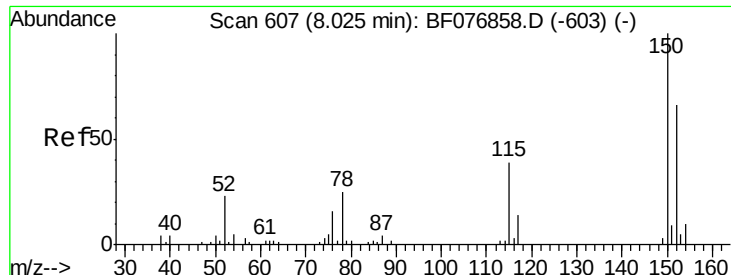
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 580

Delta R.T. -0.00 min

Lab File: BF077117.D

Acq: 29 Jan 2015 3:17

Instrument :

BNA_F

ClientSampleId :

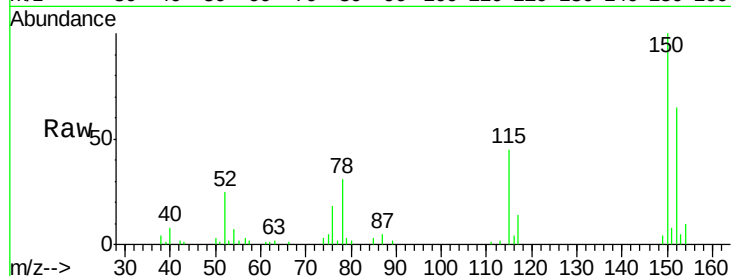
Tot Ion:152 Resp: 26470

Ion Ratio Lower Upper

152 100

150 153.4 121.7 182.5

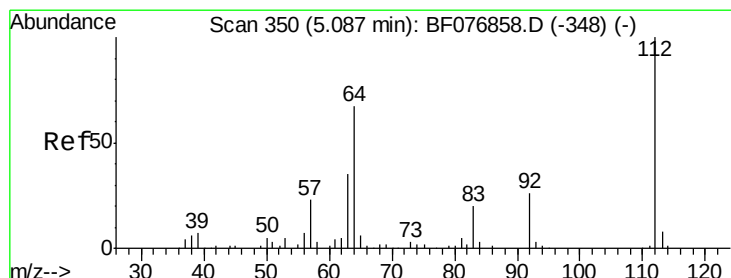
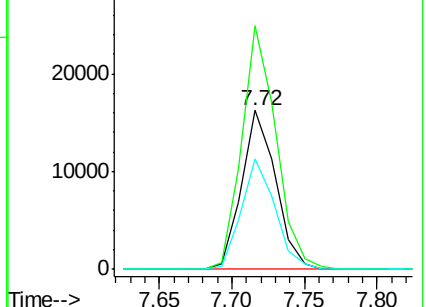
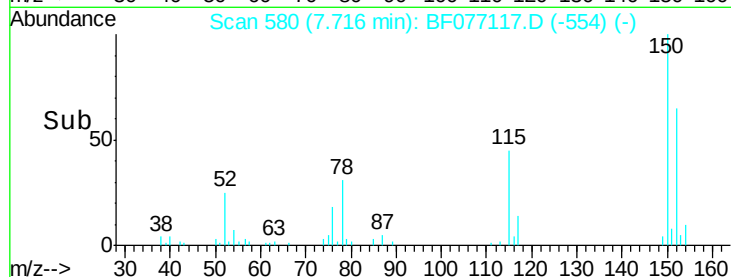
115 69.6 47.0 70.6



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: 43.17 ng

RT: 4.74 min Scan# 320

Delta R.T. -0.00 min

Lab File: BF077117.D

Acq: 29 Jan 2015 3:17

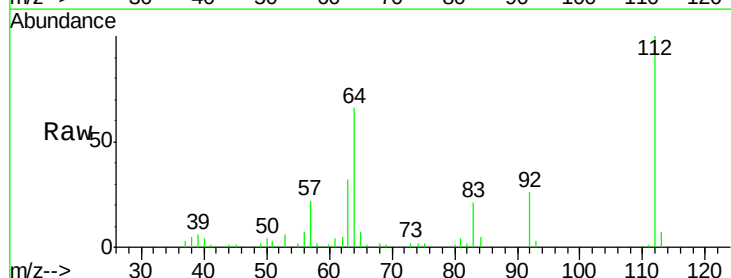
Tgt Ion:112 Resp: 69502

Ion Ratio Lower Upper

112 100

64 65.7 54.2 81.4

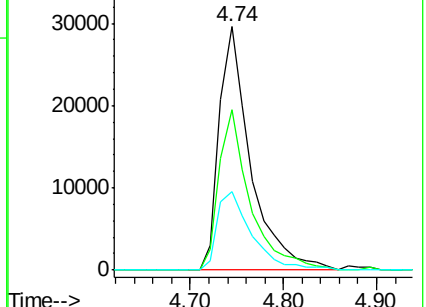
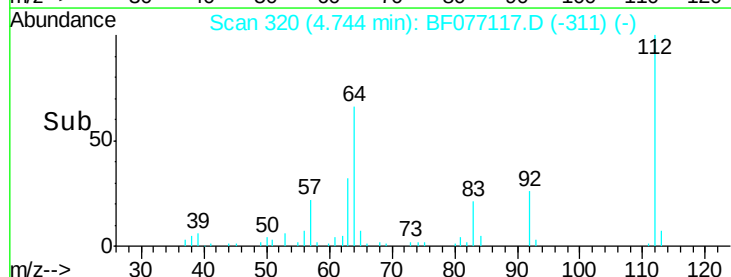
63 32.3 28.4 42.6

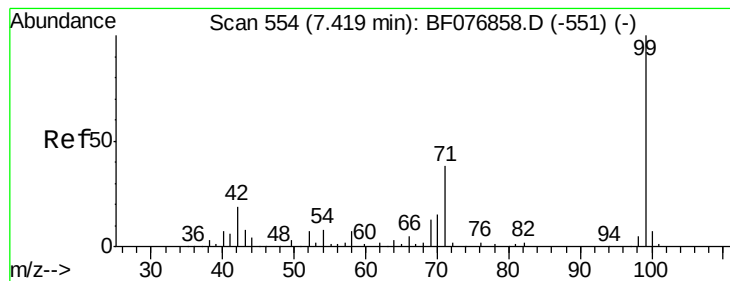


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 53.88 ng

RT: 7.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF077117.D

Acq: 29 Jan 2015 3:17

Instrument :

BNA_F

ClientSampleId :

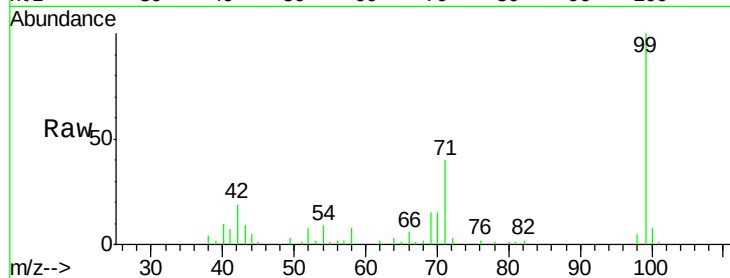
Tot Ion: 99 Resp: 109424

Ion Ratio Lower Upper

99 100

42 18.6 15.0 22.4

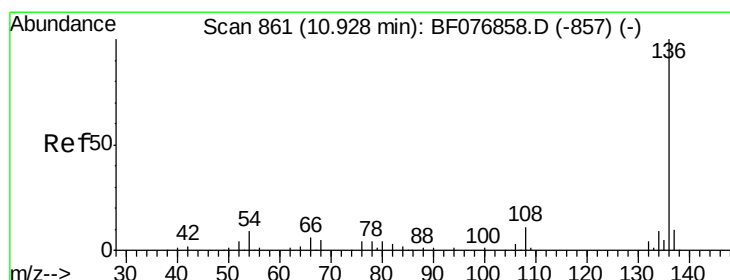
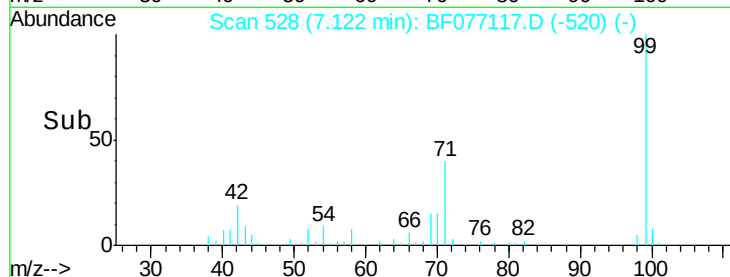
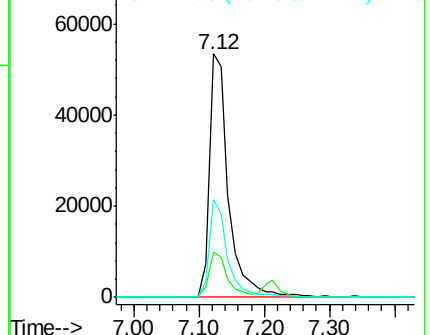
71 40.1 30.5 45.7



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: 10.63 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF077117.D

Acq: 29 Jan 2015 3:17

Tgt Ion: 136 Resp: 107753

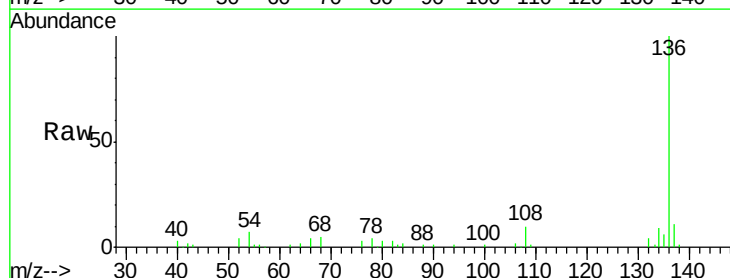
Ion Ratio Lower Upper

136 100

137 11.2 8.1 12.1

54 7.5 7.0 10.4

68 4.9 3.7 5.5

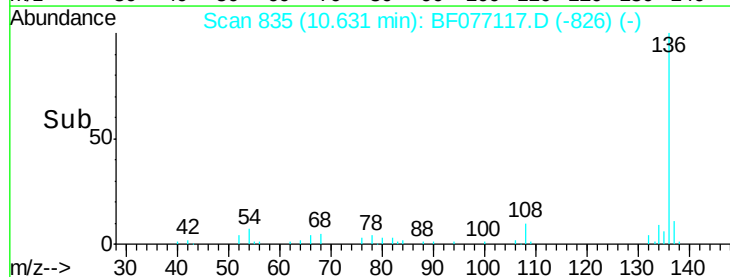
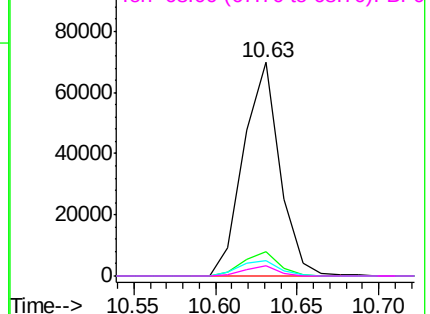


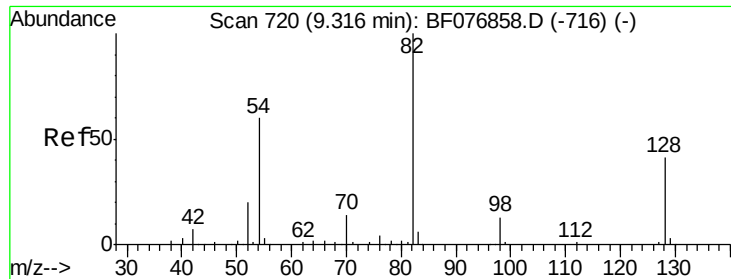
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

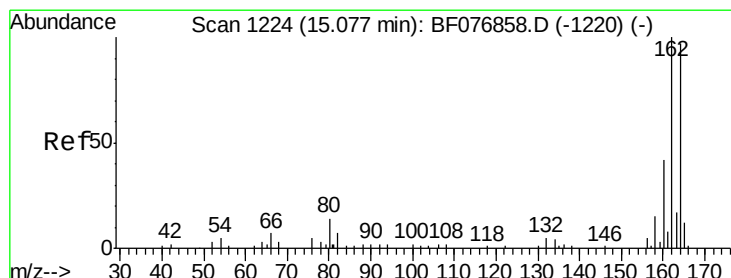
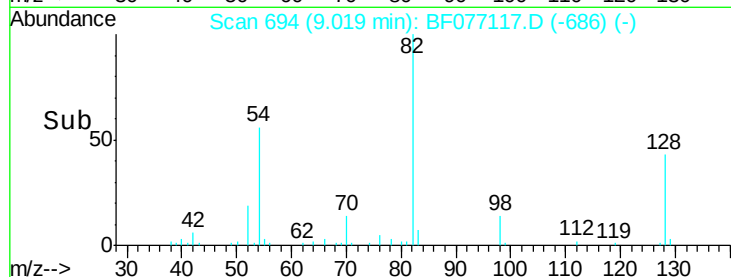
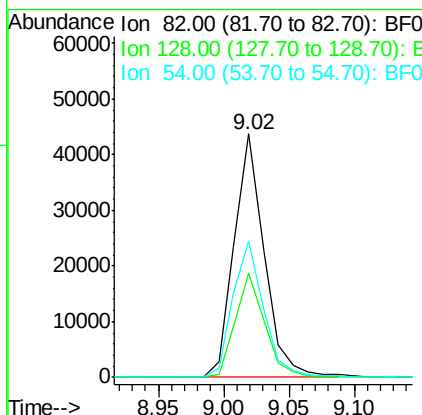
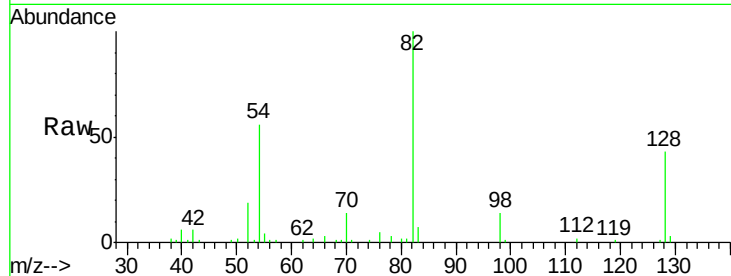




#23
 Nitrobenzene-d5
 Concen: 36.11 ng
 RT: 9.02 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF077117.D
 Acq: 29 Jan 2015 3:17

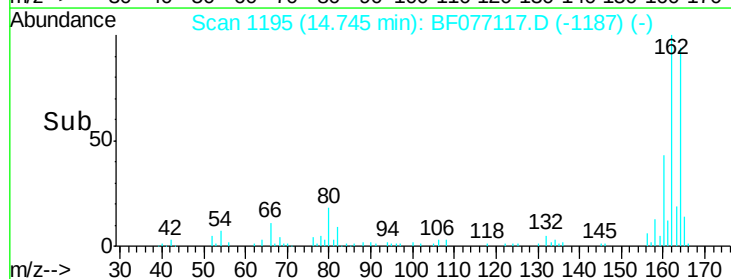
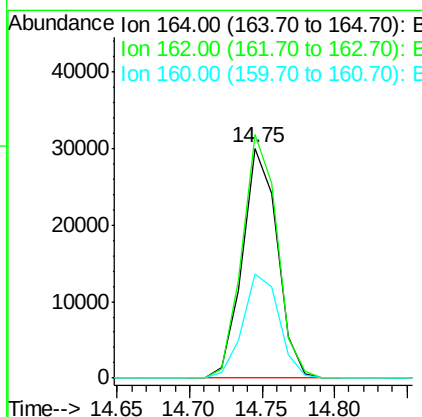
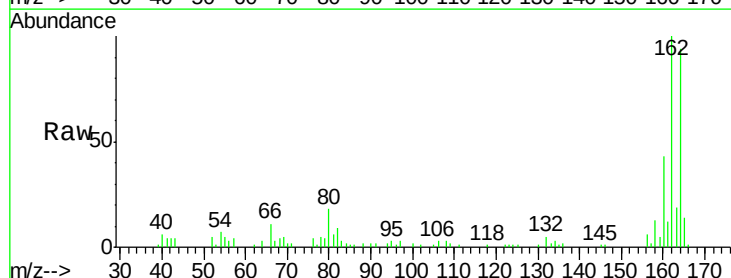
Instrument :
 BNA_F
 ClientSampled :

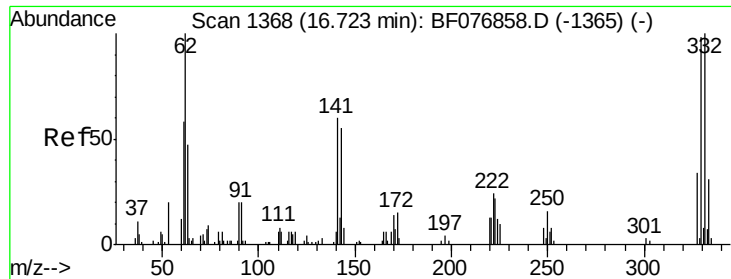
Tot Ion	82	Resp	70238
Ion Ratio	Lower	Upper	
82	100		
128	42.5	33.1	49.7
54	55.8	48.3	72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF077117.D
 Acq: 29 Jan 2015 3:17

Tgt Ion	164	Resp	50050
Ion Ratio	Lower	Upper	
164	100		
162	106.0	82.4	123.6
160	45.5	34.8	52.2

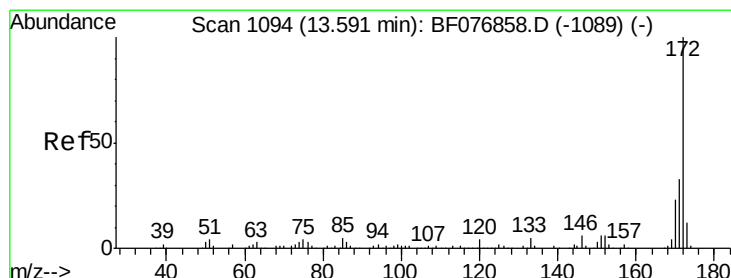
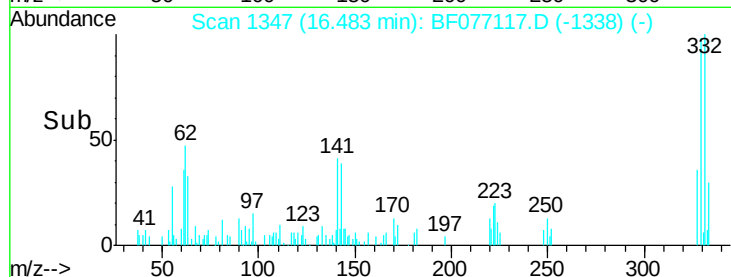
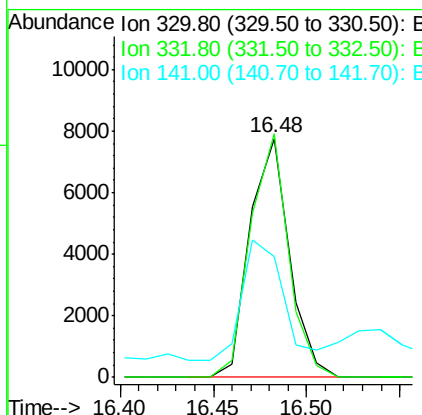
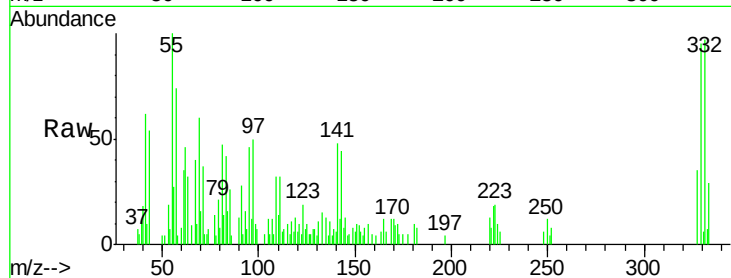




#41
 2,4,6-Tribromophenol
 Concen: 28.07 ng
 RT: 16.48 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: BF077117.D
 Acq: 29 Jan 2015 3:17

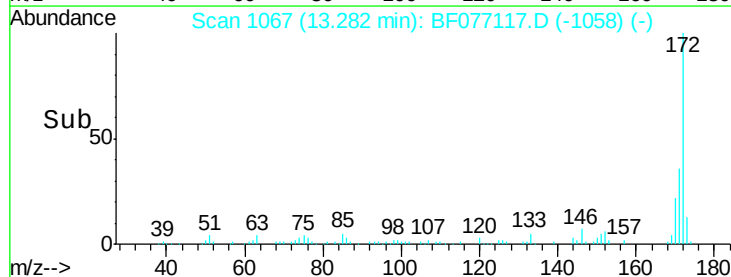
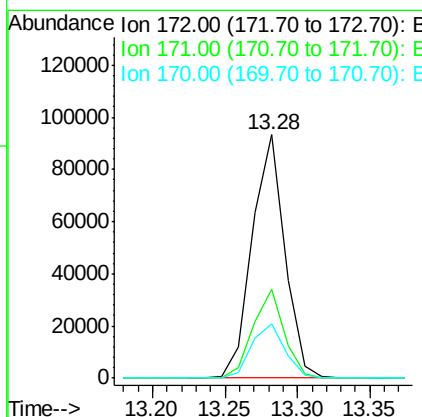
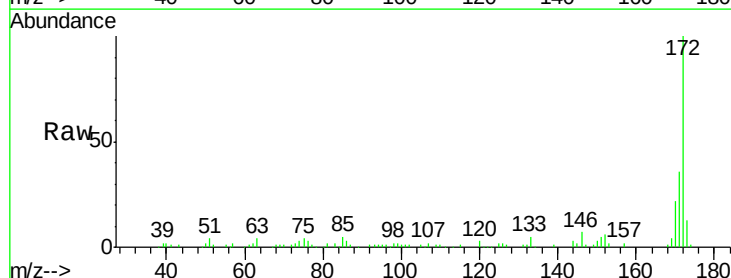
Instrument :
 BNA_F
 ClientSampled :

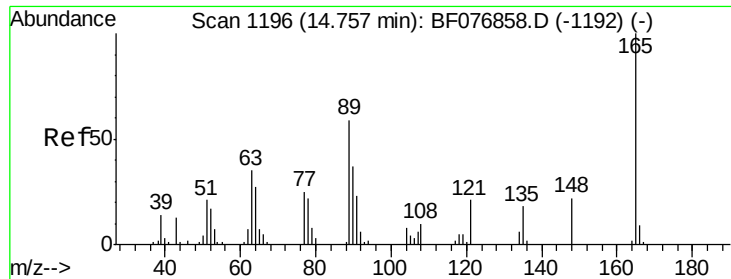
Tot Ion:330 Resp: 11406
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.8 116.6
 141 51.6 38.5 57.7



#44
 2-Fluorobiphenyl
 Concen: 44.24 ng
 RT: 13.28 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BF077117.D
 Acq: 29 Jan 2015 3:17

Tgt Ion:172 Resp: 145494
 Ion Ratio Lower Upper
 172 100
 171 36.5 26.6 40.0
 170 22.4 18.0 27.0

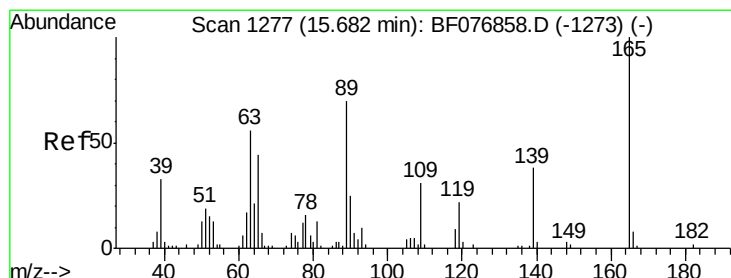
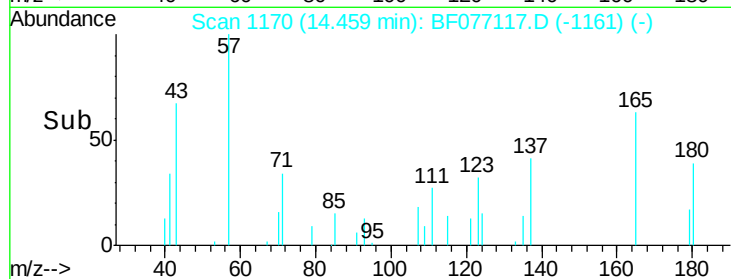
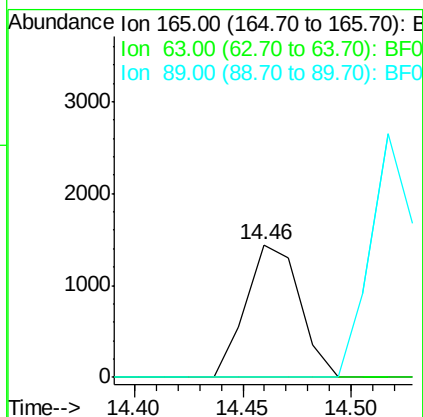
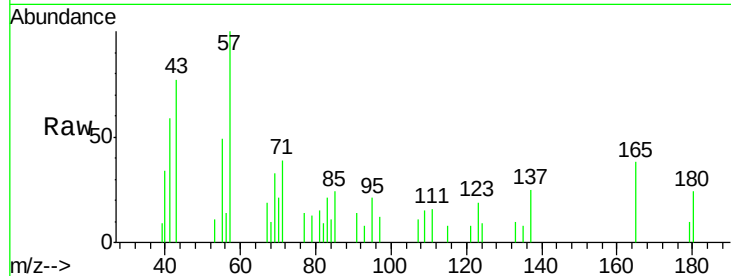




#50
 2,6-Dinitrotoluene
 Concen: 3.52 ng
 RT: 14.46 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF077117.D
 Acq: 29 Jan 2015 3:17

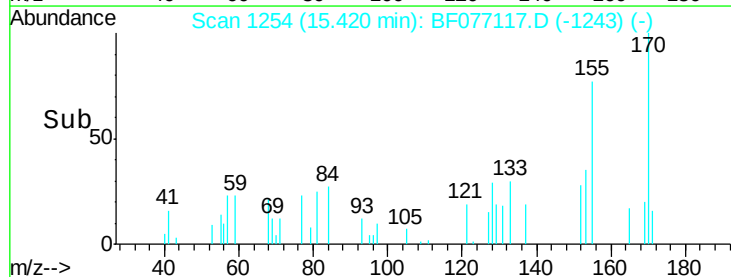
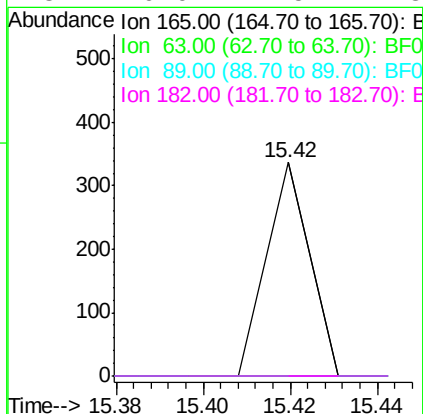
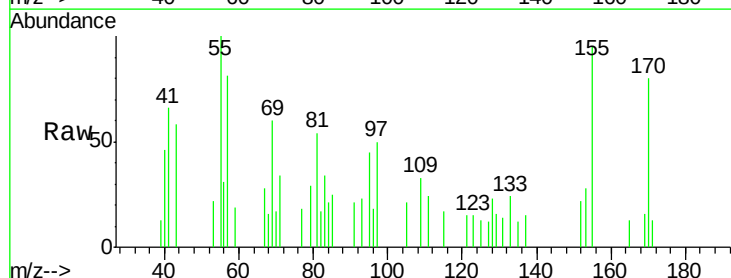
Instrument :
 BNA_F
 ClientSampled :

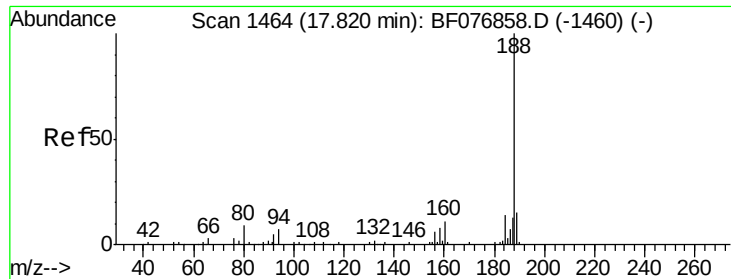
Tot Ion:165 Resp: 2495
 Ion Ratio Lower Upper
 165 100
 63 0.0 48.1 72.1#
 89 0.0 47.2 70.8#



#56
 2,4-Dinitrotoluene
 Concen: 2.32 ng
 RT: 15.42 min Scan# 1254
 Delta R.T. 0.02 min
 Lab File: BF077117.D
 Acq: 29 Jan 2015 3:17

Tgt Ion:165 Resp: 231
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.8 67.2#
 89 0.0 56.2 84.2#
 182 0.0 1.5 2.3#

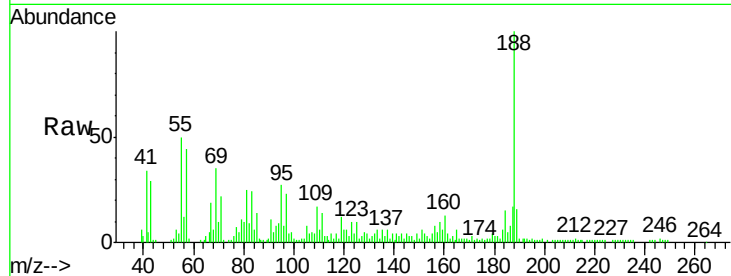




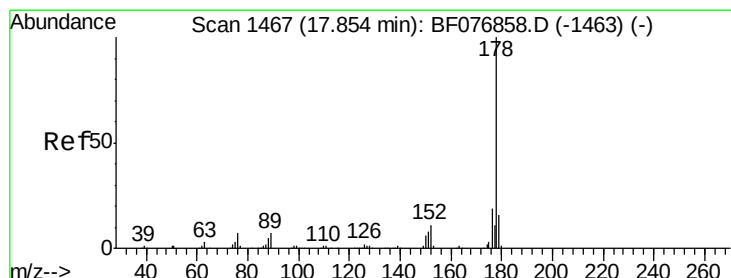
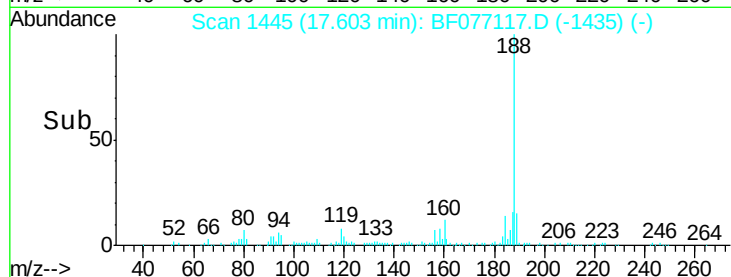
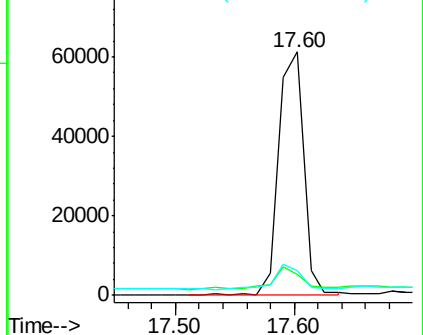
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.60 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF077117.D
Acq: 29 Jan 2015 3:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 89333
Ion Ratio Lower Upper
188 100
94 8.7 6.0 9.0
80 10.1 6.9 10.3

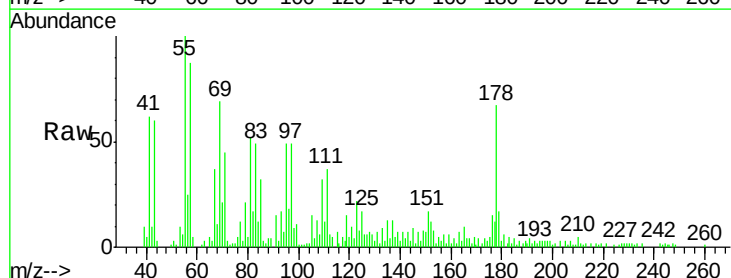


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

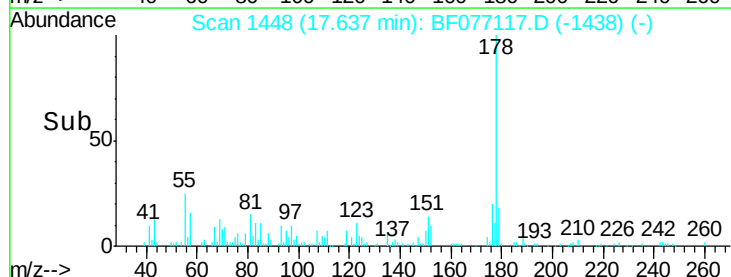
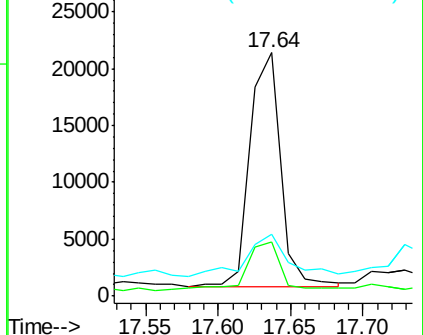


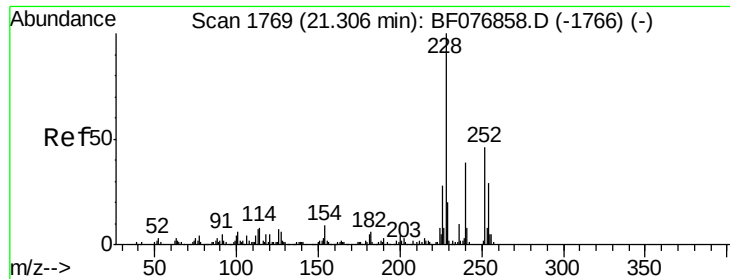
#70
Phenanthrene
Concen: 5.40 ng
RT: 17.64 min Scan# 1448
Delta R.T. 0.01 min
Lab File: BF077117.D
Acq: 29 Jan 2015 3:17

Tgt Ion:178 Resp: 30086
Ion Ratio Lower Upper
178 100
176 22.0 15.1 22.7
179 25.5 12.7 19.1#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.18 min Scan# 1758

Delta R.T. 0.08 min

Lab File: BF077117.D

Acq: 29 Jan 2015 3:17

Instrument :

BNA_F

ClientSampleId :

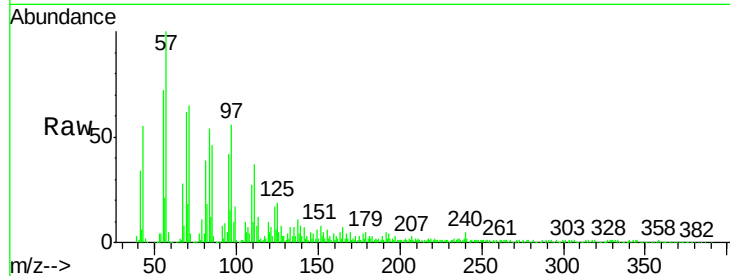
Tot Ion:240 Resp: 80878

Ion Ratio Lower Upper

240 100

120 104.3 10.4 15.6#

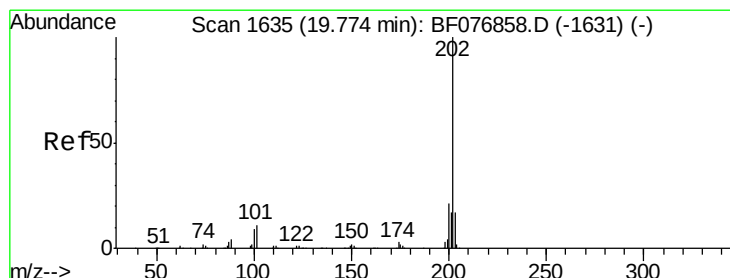
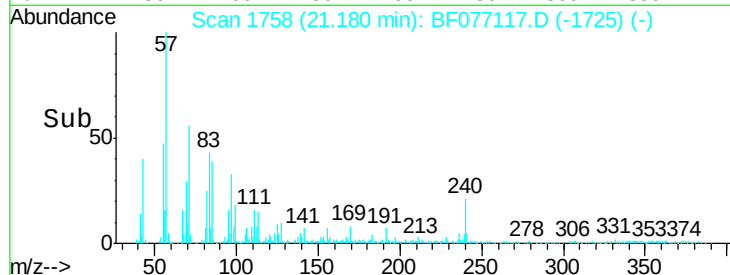
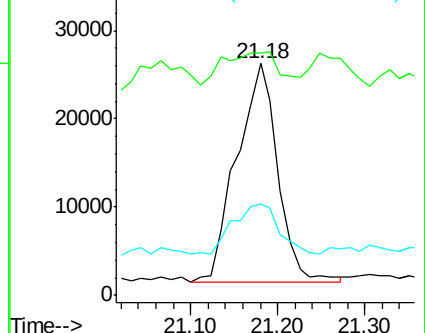
236 39.2 20.2 30.2#



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: 6.03 ng

RT: 19.58 min Scan# 1618

Delta R.T. 0.02 min

Lab File: BF077117.D

Acq: 29 Jan 2015 3:17

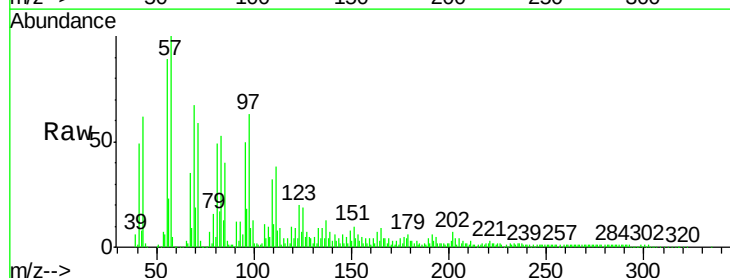
Tgt Ion:202 Resp: 33445

Ion Ratio Lower Upper

202 100

200 27.9 16.7 25.1#

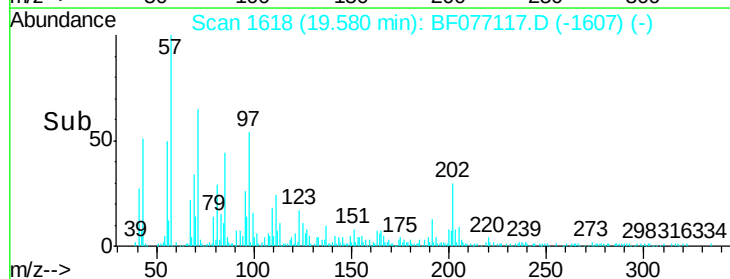
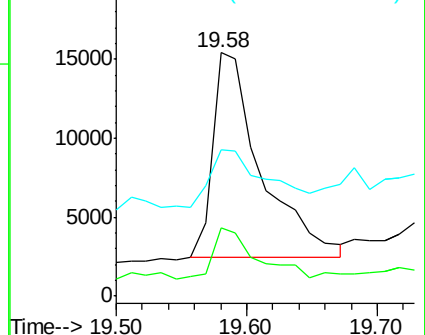
203 60.0 14.0 21.0#

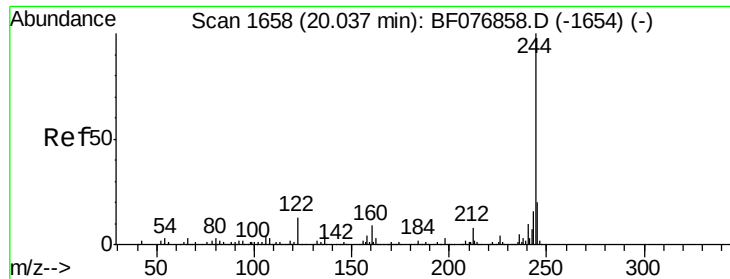


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 37.19 ng

RT: 19.89 min Scan# 1645

Delta R.T. 0.05 min

Lab File: BF077117.D

Acq: 29 Jan 2015 3:17

Instrument :

BNA_F

ClientSampleId :

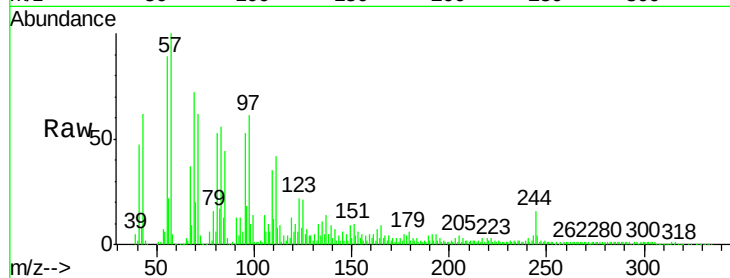
Tot Ion:244 Resp: 130653

Ion Ratio Lower Upper

244 100

212 11.5 6.3 9.5#

122 38.7 10.1 15.1#

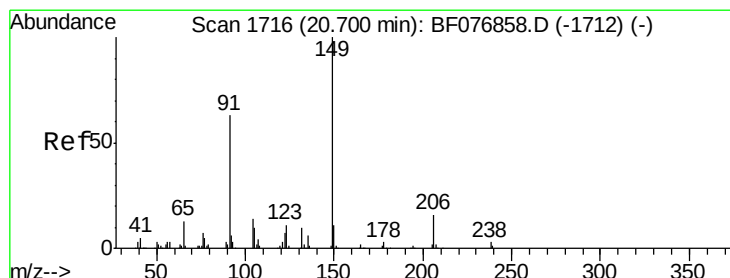
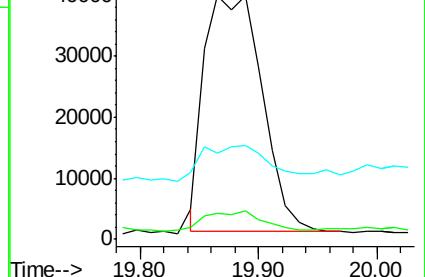
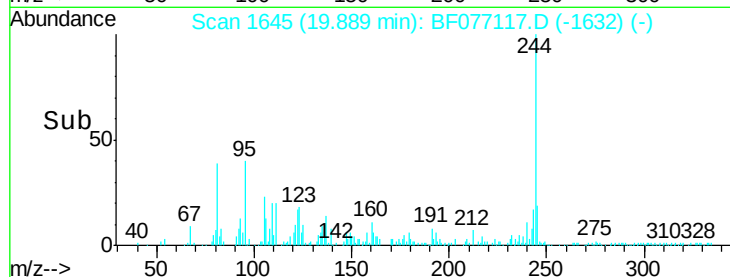


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



#79

Butylbenzylphthalate

Concen: 5.28 ng

RT: 20.55 min Scan# 1703

Delta R.T. 0.05 min

Lab File: BF077117.D

Acq: 29 Jan 2015 3:17

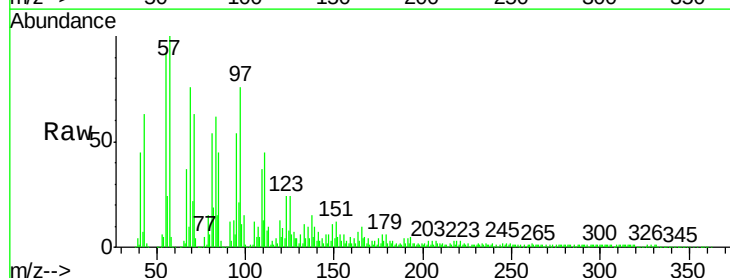
Tgt Ion:149 Resp: 13260

Ion Ratio Lower Upper

149 100

91 112.3 50.6 76.0#

206 13.9 12.8 19.2

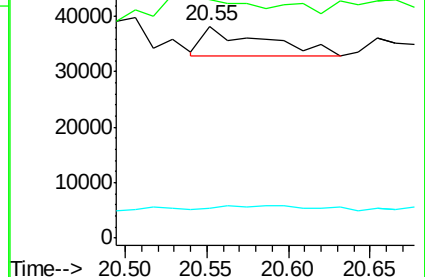
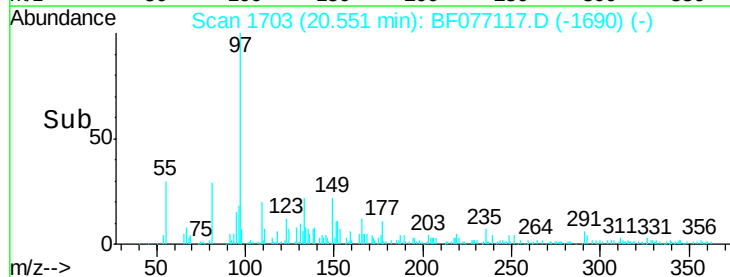


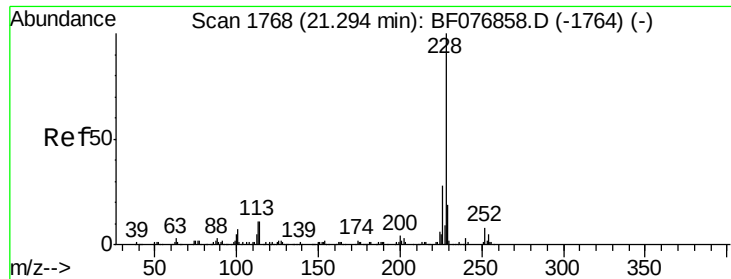
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

Time-->





#80

Benzo(a)anthracene

Concen: 2.34 ng

RT: 21.18 min Scan# 1758

Delta R.T. 0.09 min

Lab File: BF077117.D

Acq: 29 Jan 2015 3:17

Instrument :

BNA_F

ClientSampleId :

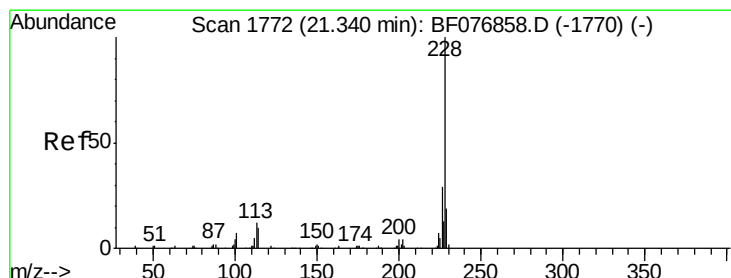
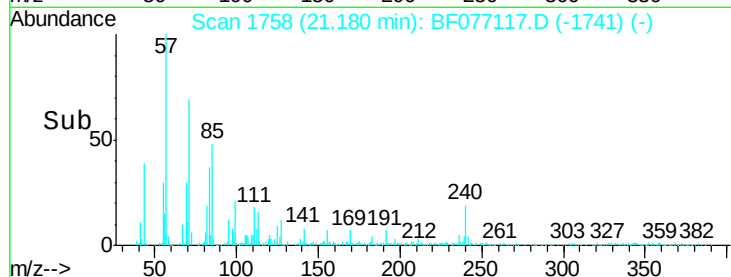
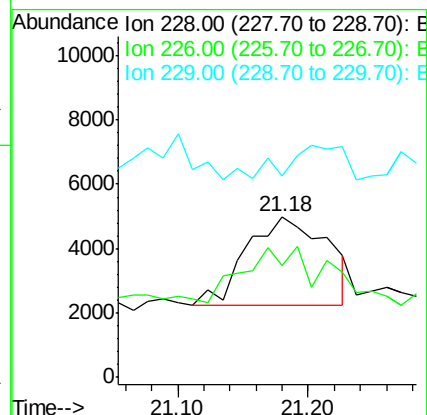
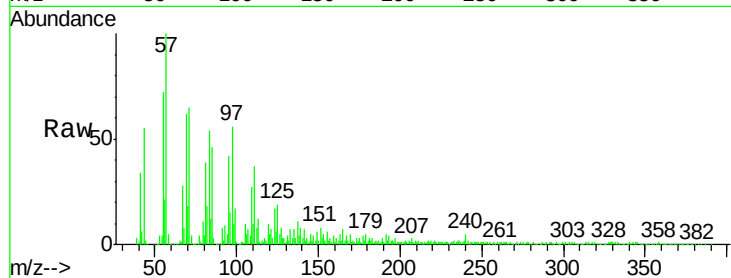
Tot Ion:228 Resp: 11849

Ion Ratio Lower Upper

228 100

226 69.5 22.1 33.1#

229 125.3 15.5 23.3#



#82

Chrysene

Concen: 2.32 ng

RT: 21.18 min Scan# 1758

Delta R.T. 0.05 min

Lab File: BF077117.D

Acq: 29 Jan 2015 3:17

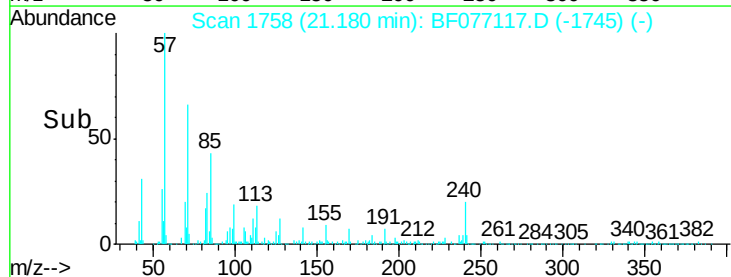
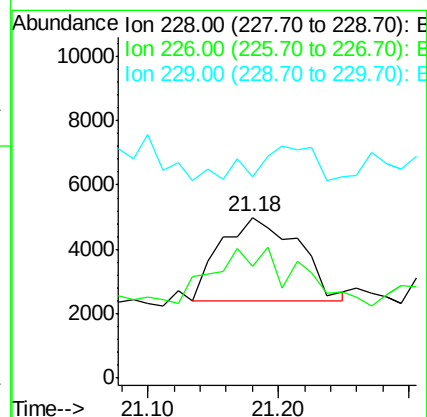
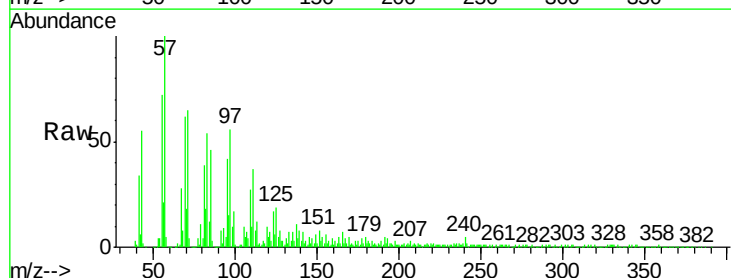
Tgt Ion:228 Resp: 10756

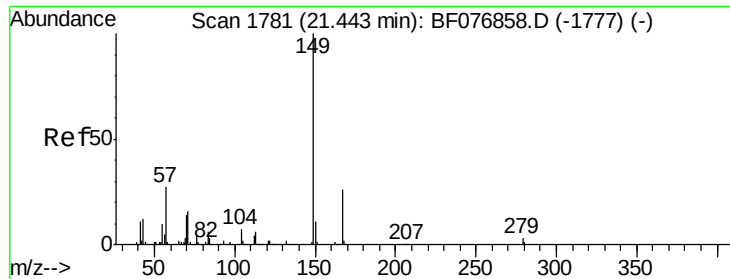
Ion Ratio Lower Upper

228 100

226 69.5 23.4 35.0#

229 125.3 15.4 23.0#





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.40 ng

RT: 21.32 min Scan# 1770

Delta R.T. 0.07 min

Lab File: BF077117.D

Acq: 29 Jan 2015 3:17

Instrument :

BNA_F

ClientSampleId :

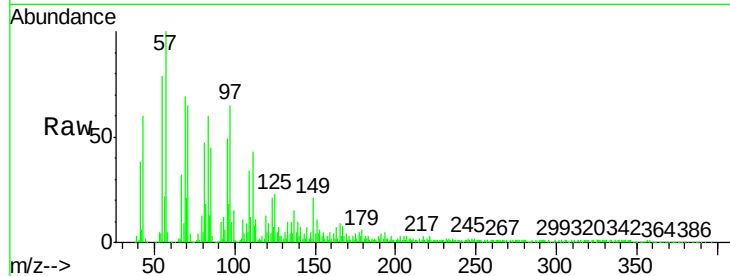
Tot Ion:149 Resp: 161156

Ion Ratio Lower Upper

149 100

167 37.6 20.6 30.8#

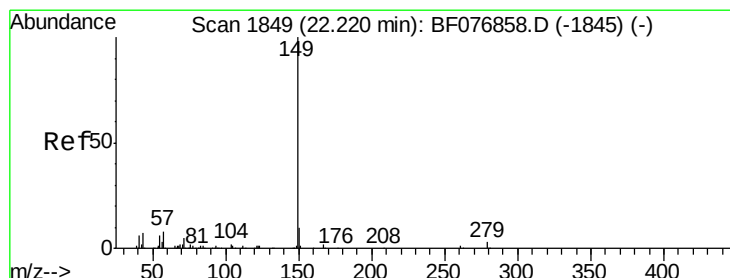
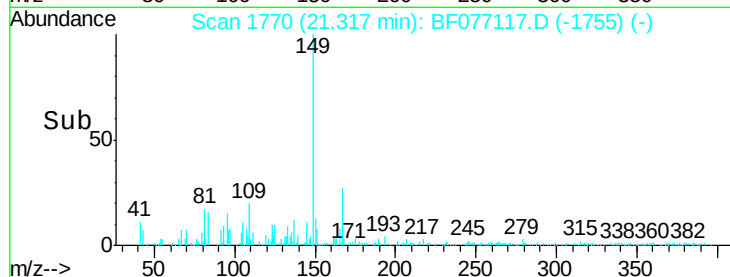
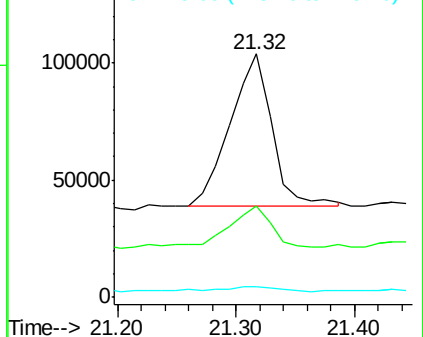
279 4.4 2.2 3.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 5.34 ng

RT: 22.04 min Scan# 1833

Delta R.T. 0.03 min

Lab File: BF077117.D

Acq: 29 Jan 2015 3:17

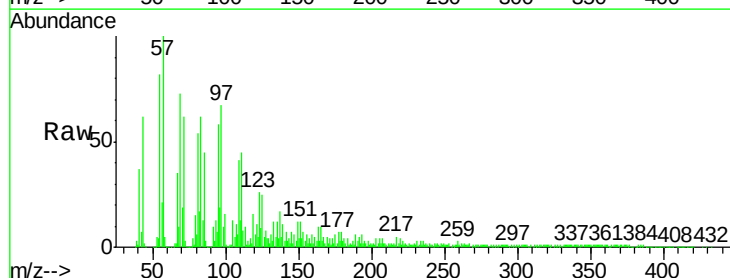
Tgt Ion:149 Resp: 32196

Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

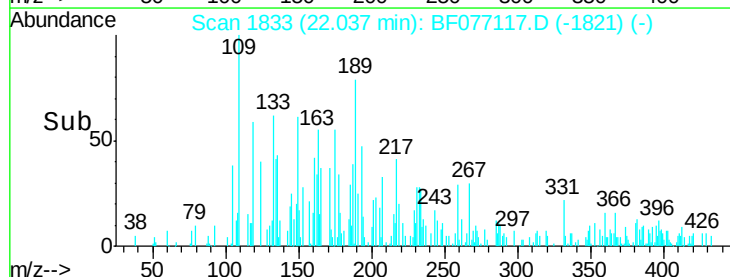
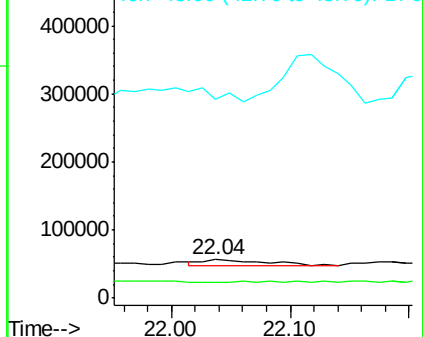
43 0.0 6.6 10.0#

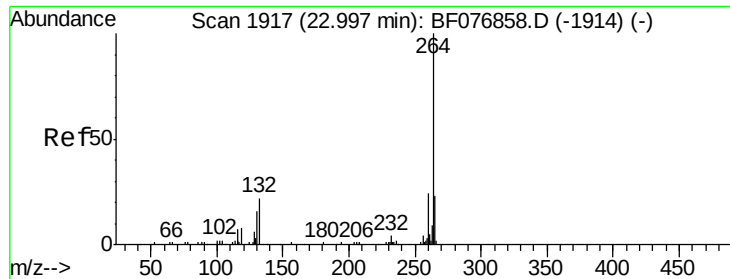


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

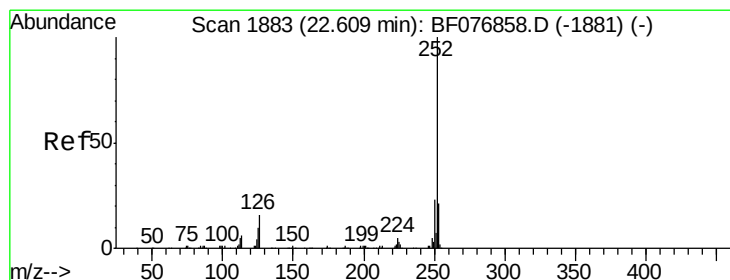
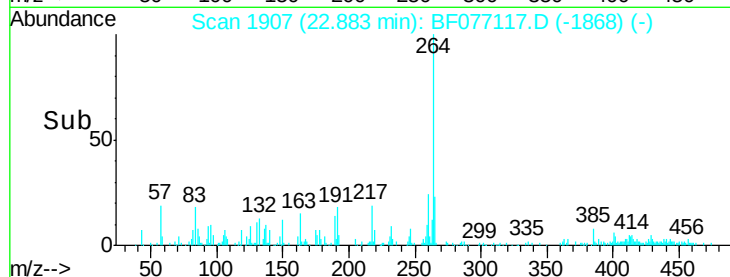
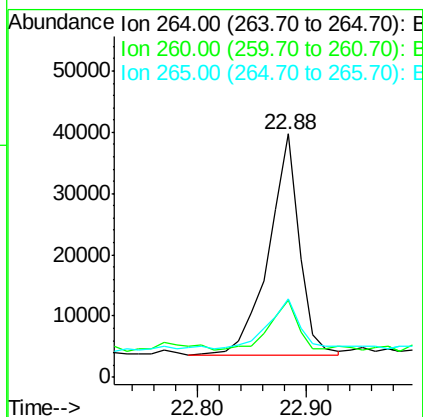
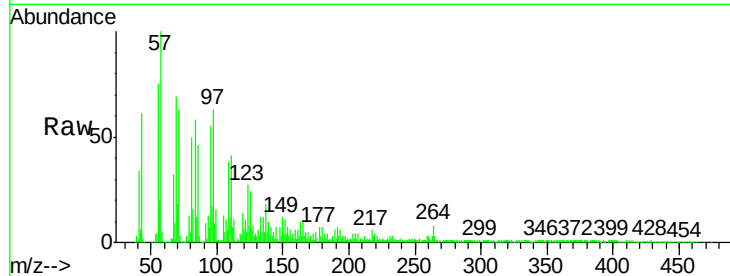




#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.88 min Scan# 1907
Delta R.T. 0.15 min
Lab File: BF077117.D
Acq: 29 Jan 2015 3:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 71343
Ion Ratio Lower Upper
264 100
260 31.6 19.0 28.4#
265 32.5 18.1 27.1#



#88
Benzo(k)fluoranthene
Concen: 2.01 ng
RT: 22.46 min Scan# 1870
Delta R.T. 0.13 min
Lab File: BF077117.D
Acq: 29 Jan 2015 3:17

Tgt Ion:252 Resp: 8447
Ion Ratio Lower Upper
252 100
253 123.7 17.2 25.8#
125 1850.8 7.1 10.7#

