

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF078015.D
 Acq On : 27 Mar 2015 2:10
 Operator : TP/IZ
 Sample : G1653-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FD1

Quant Time: Mar 27 13:14:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 05:57:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	37434	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	154465	20.00	ng	0.00
38) Acenaphthene-d10	10.83	164	74337	20.00	ng	-0.01
63) Phenanthrene-d10	12.67	188	152948	20.00	ng	0.00
75) Chrysene-d12	15.95	240	158457	20.00	ng	0.00
86) Perylene-d12	17.64	264	151863	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	311353	145.18	ng	0.01
7) Phenol-d6	6.67	99	385474	145.48	ng	0.00
23) Nitrobenzene-d5	7.79	82	238723	101.31	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	97557	137.16	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	470062	92.93	ng	0.00
78) Terphenyl-d14	14.67	244	516975	79.69	ng	0.00

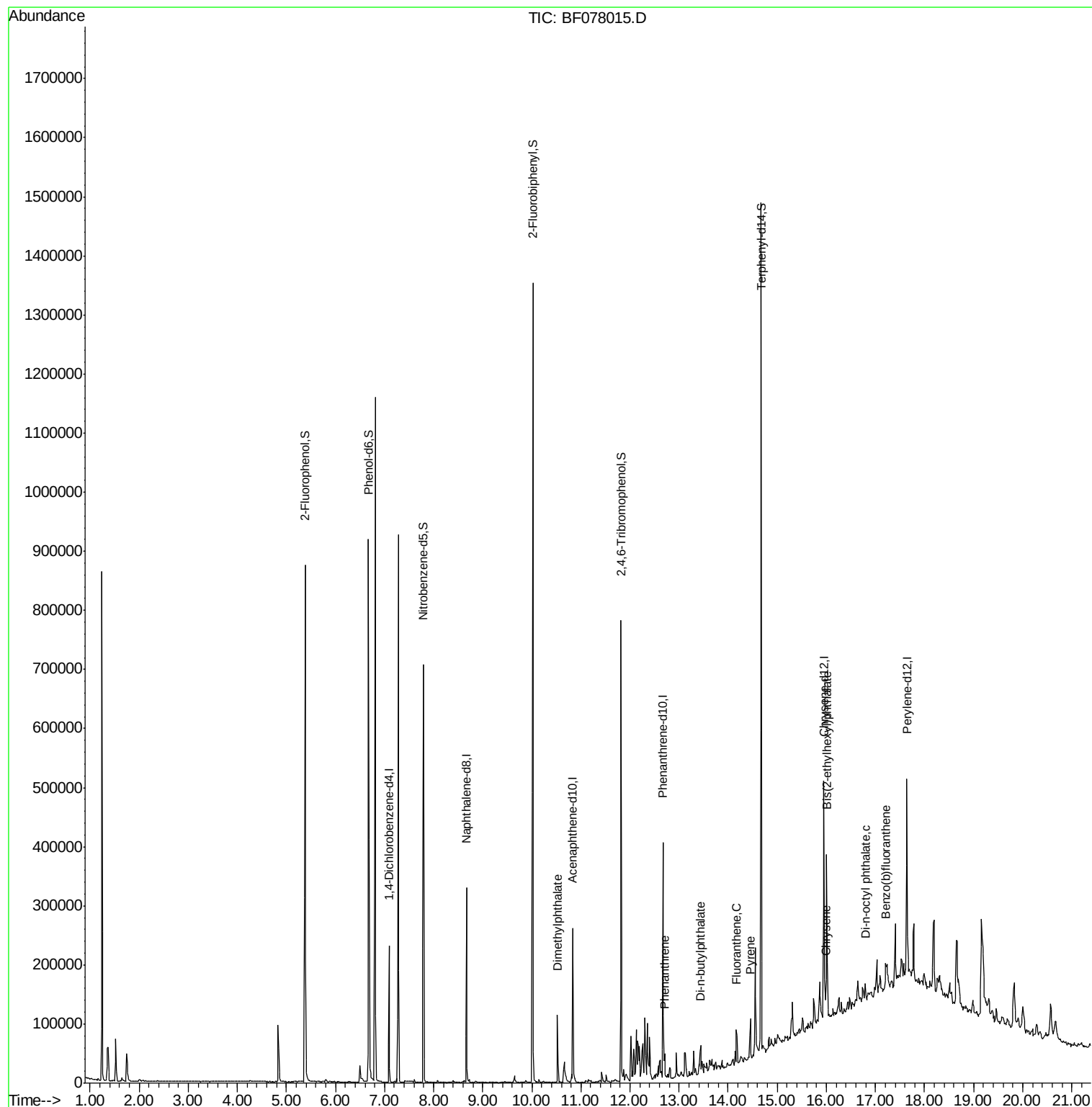
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
49) Dimethylphthalate	10.52	163	49729	9.02	ng	100
70) Phenanthrene	12.71	178	19313	2.20	ng	97
73) Di-n-butylphthalate	13.44	149	27247	2.94	ng	99
74) Fluoranthene	14.17	202	32983	3.41	ng	93
77) Pyrene	14.45	202	31112	3.12	ng	96
82) Chrysene	15.99	228	18178m	2.15	ng	
83) Bis(2-ethylhexyl)phthalate	16.01	149	97878	16.45	ng	# 95
84) Di-n-octyl phthalate	16.80	149	20845	2.05	ng	# 93
87) Benzo(b)fluoranthene	17.21	252	23548m	2.38	ng	

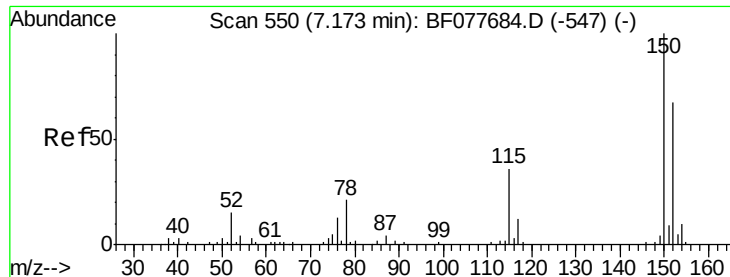
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.09 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF078015.D

Acq: 27 Mar 2015 2:10

Instrument :

BNA_F

ClientSampleId :

FD1

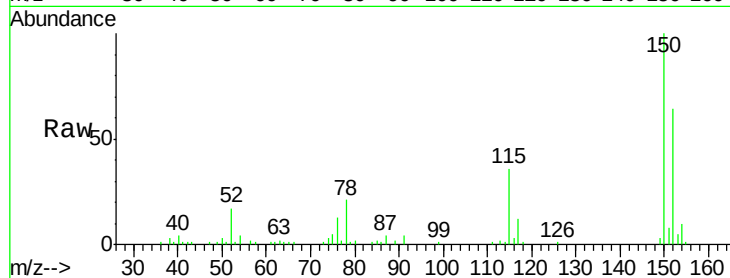
Tgt Ion:152 Resp: 37434

Ion Ratio Lower Upper

152 100

150 157.4 119.5 179.3

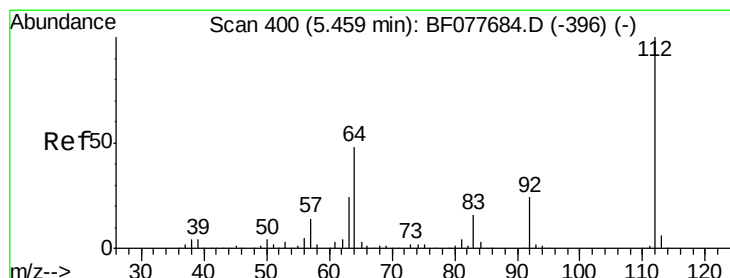
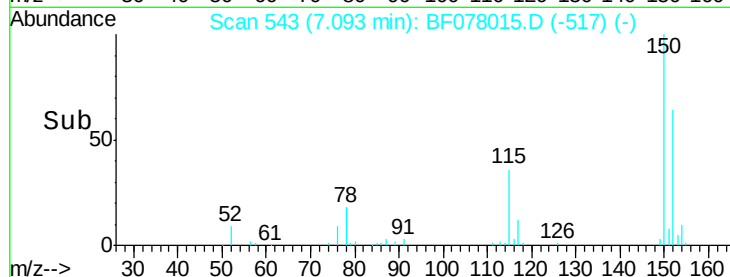
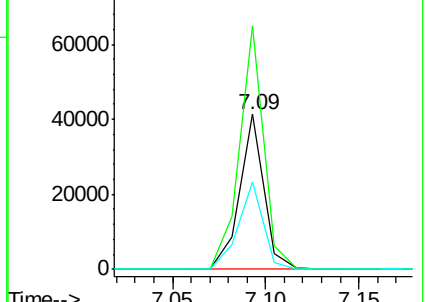
115 56.9 43.0 64.4



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: 145.18 ng

RT: 5.38 min Scan# 393

Delta R.T. 0.01 min

Lab File: BF078015.D

Acq: 27 Mar 2015 2:10

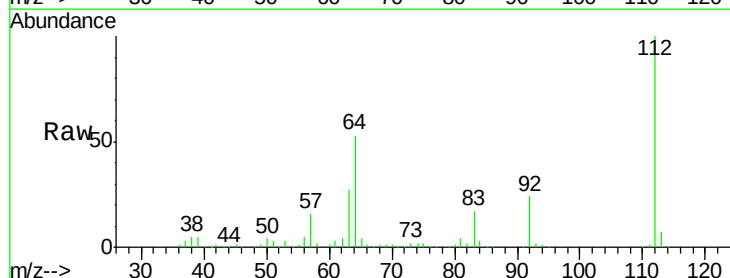
Tgt Ion:112 Resp: 311353

Ion Ratio Lower Upper

112 100

64 53.4 38.6 57.8

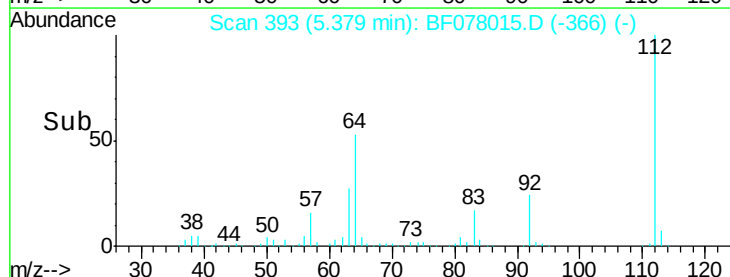
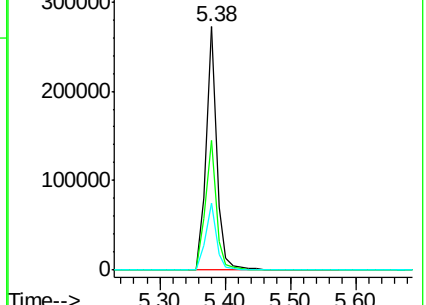
63 27.5 19.3 28.9

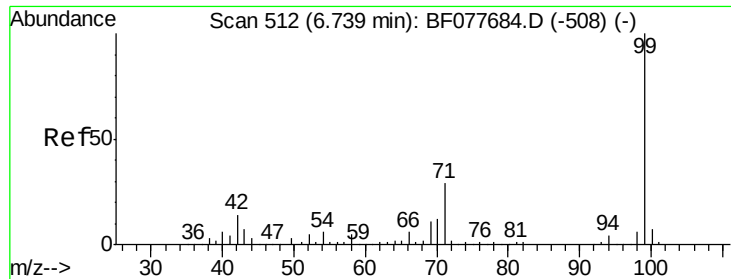


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 145.48 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF078015.D

Acq: 27 Mar 2015 2:10

Instrument :

BNA_F

ClientSampleId :

FD1

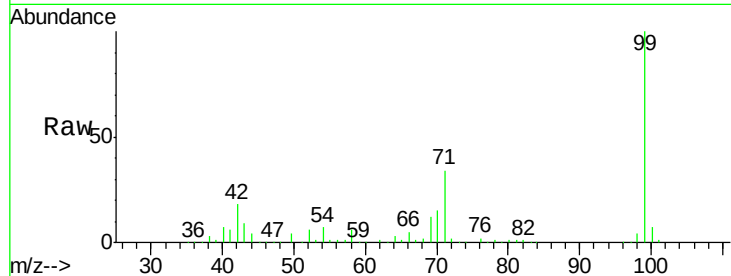
Tgt Ion: 99 Resp: 385474

Ion Ratio Lower Upper

99 100

42 18.2 11.0 16.4#

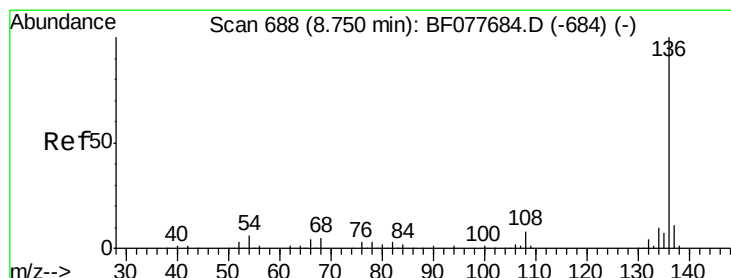
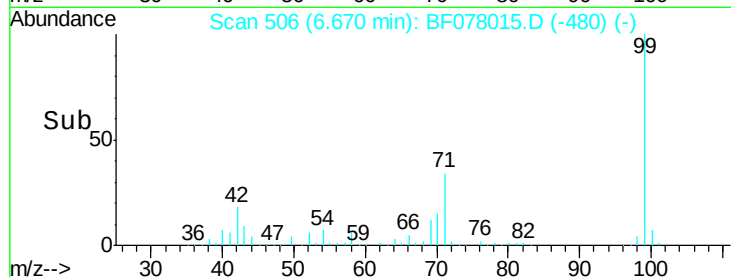
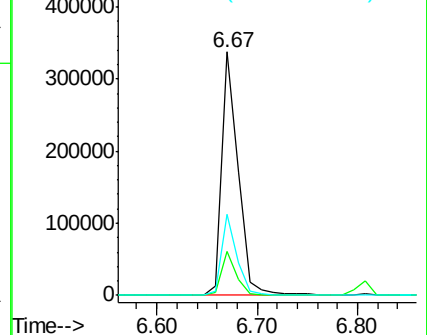
71 33.5 23.4 35.2



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: 8.67 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF078015.D

Acq: 27 Mar 2015 2:10

Tgt Ion: 136 Resp: 154465

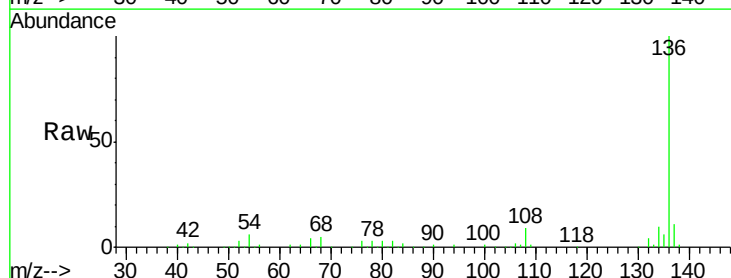
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 6.4 4.6 6.8

68 5.1 3.7 5.5

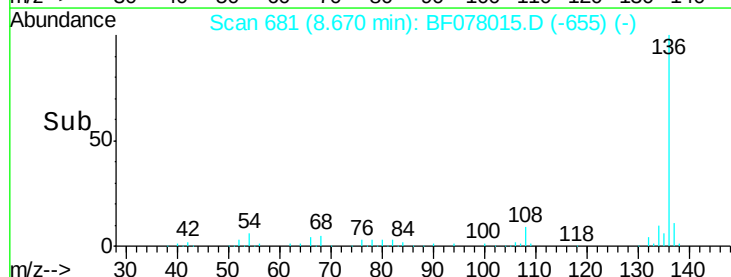
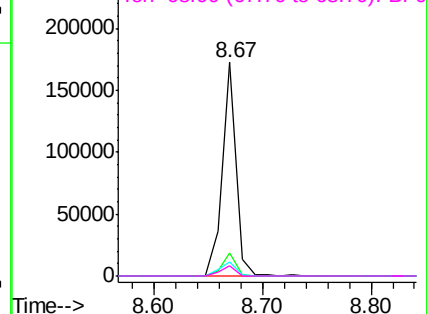


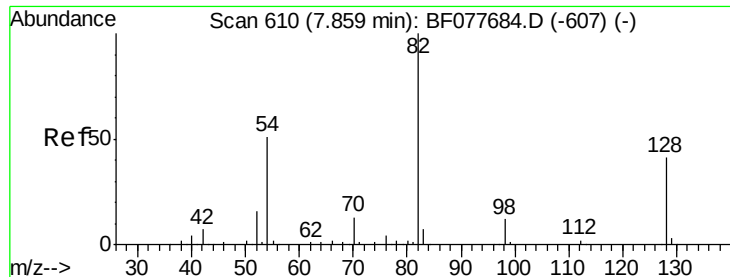
Abundance Ion 136.00 (135.70 to 136.70): E

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

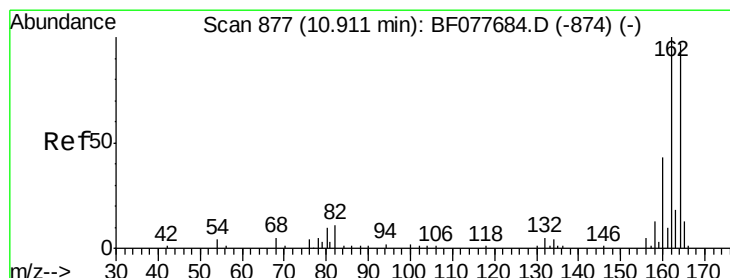
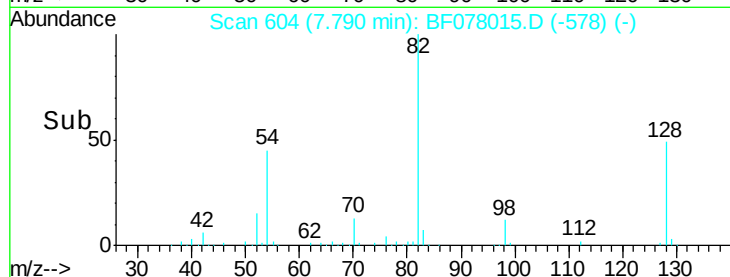
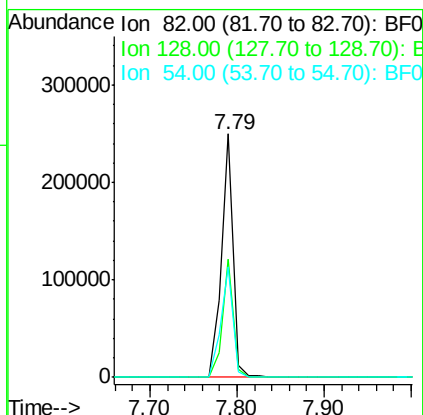
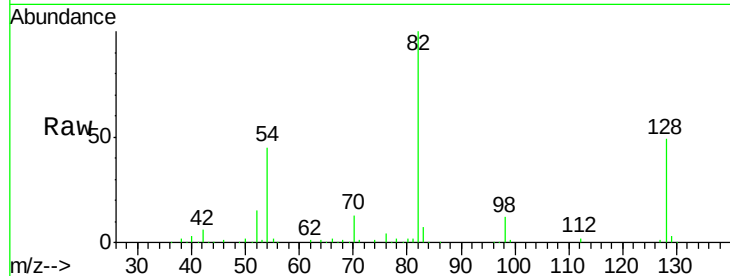




#23
 Nitrobenzene-d5
 Concen: 101.31 ng
 RT: 7.79 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF078015.D
 Acq: 27 Mar 2015 2:10

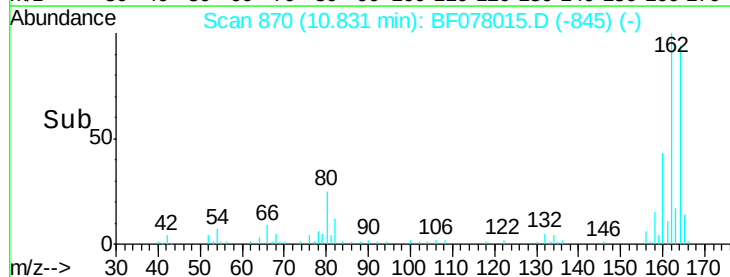
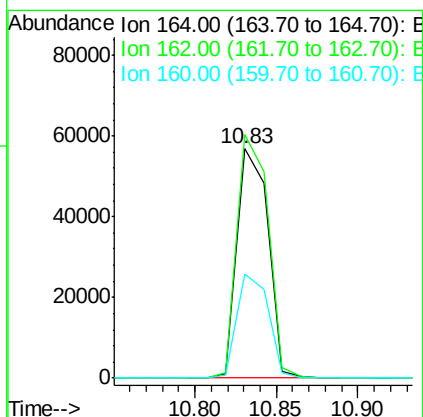
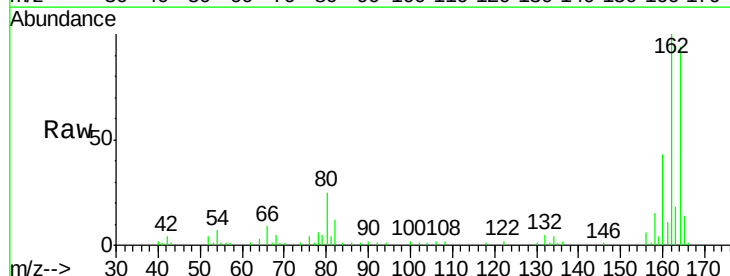
Instrument :
 BNA_F
 ClientSampleId :
 FD1

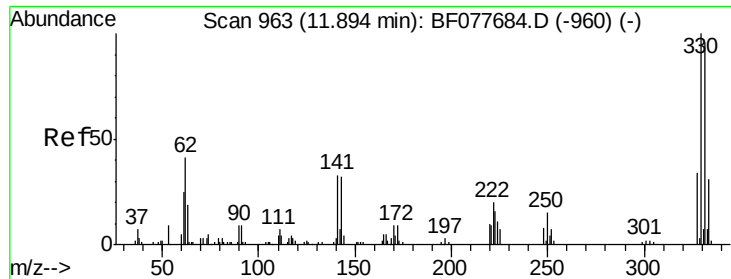
Tgt Ion: 82 Resp: 238723
 Ion Ratio Lower Upper
 82 100
 128 48.6 32.8 49.2
 54 45.5 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.83 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: BF078015.D
 Acq: 27 Mar 2015 2:10

Tgt Ion: 164 Resp: 74337
 Ion Ratio Lower Upper
 164 100
 162 106.3 82.4 123.6
 160 45.2 35.8 53.6

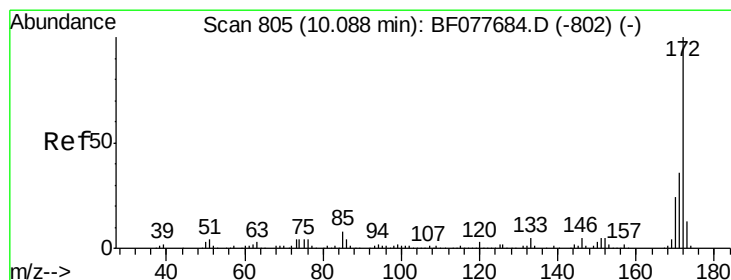
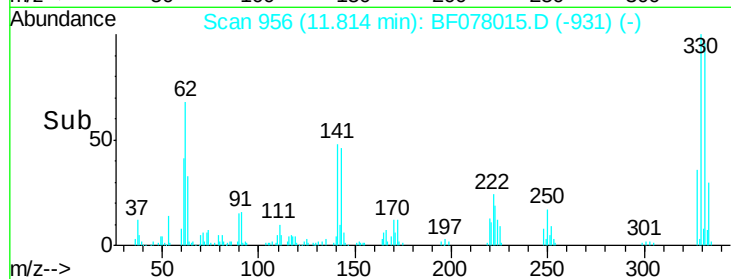
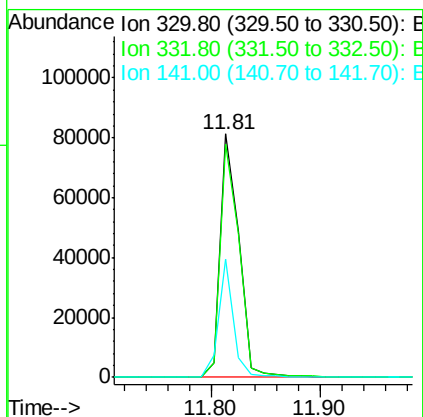
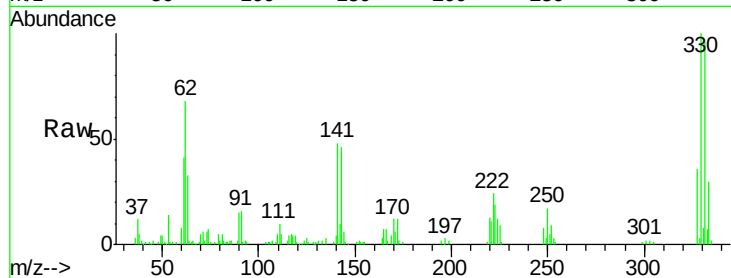




#41
 2,4,6-Tribromophenol
 Concen: 137.16 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF078015.D
 Acq: 27 Mar 2015 2:10

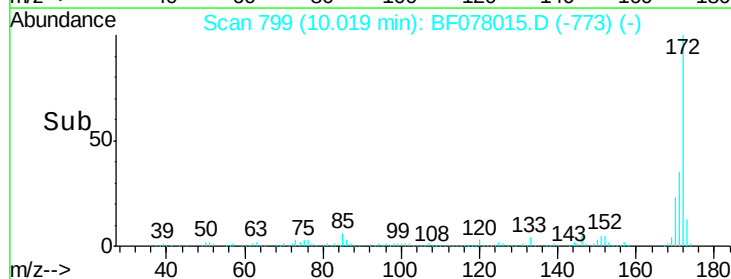
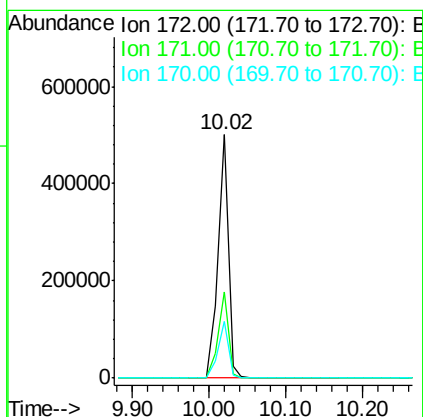
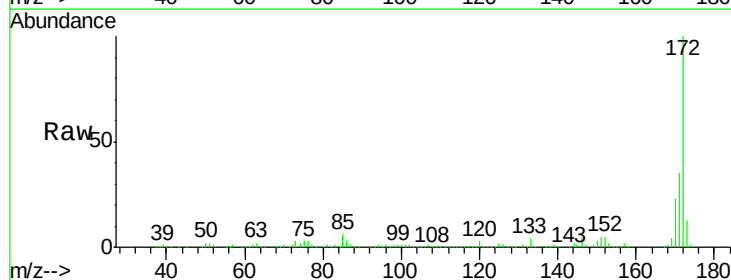
Instrument :
 BNA_F
 ClientSampleId :
 FD1

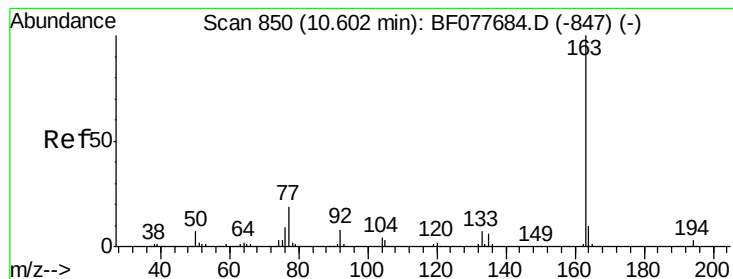
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	38.5	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 92.93 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF078015.D
 Acq: 27 Mar 2015 2:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.2	18.8	28.2





#49

Dimethylphthalate

Concen: 9.02 ng

RT: 10.52 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF078015.D

Acq: 27 Mar 2015 2:10

Instrument :

BNA_F

ClientSampleId :

FD1

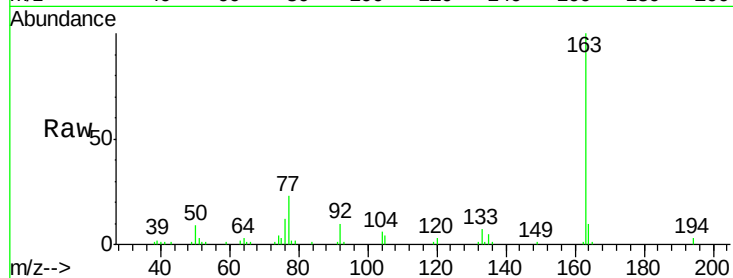
Tgt Ion:163 Resp: 49729

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

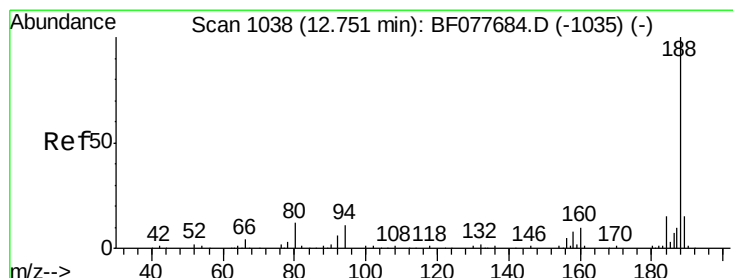
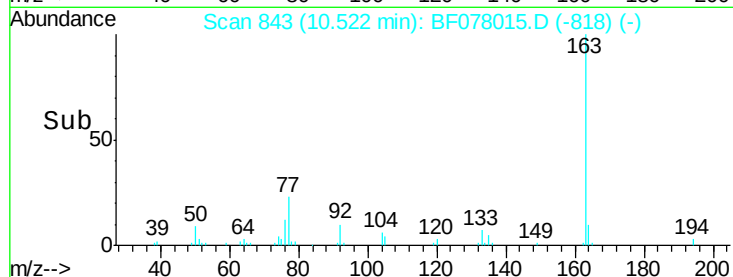
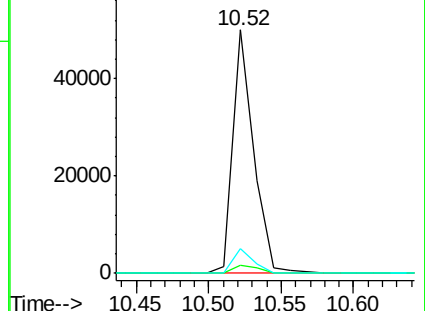
164 10.3 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.67 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF078015.D

Acq: 27 Mar 2015 2:10

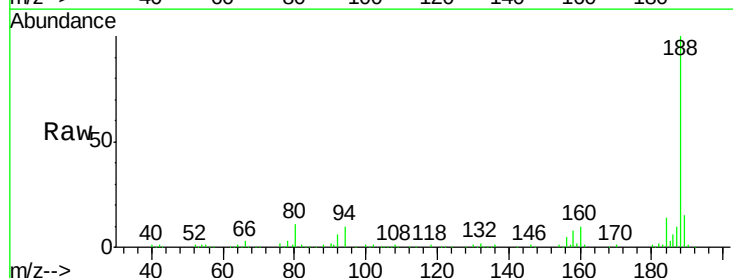
Tgt Ion:188 Resp: 152948

Ion Ratio Lower Upper

188 100

94 9.6 8.7 13.1

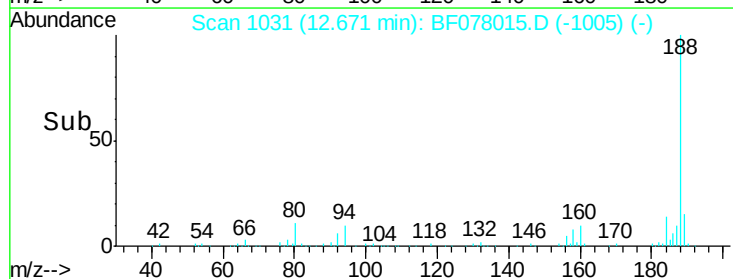
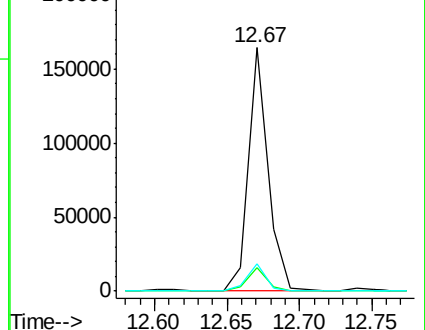
80 11.0 9.3 13.9

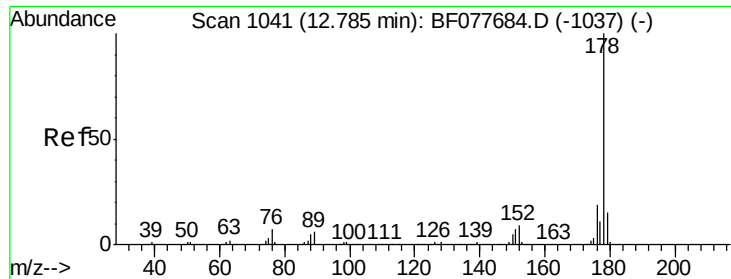


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

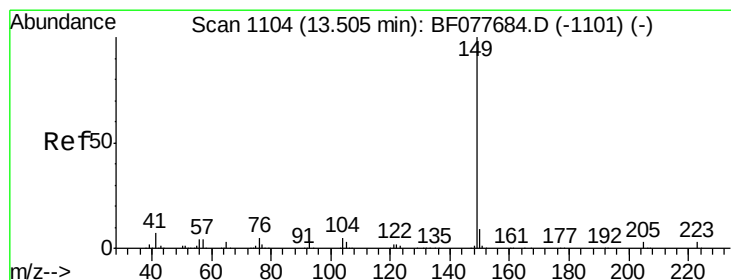
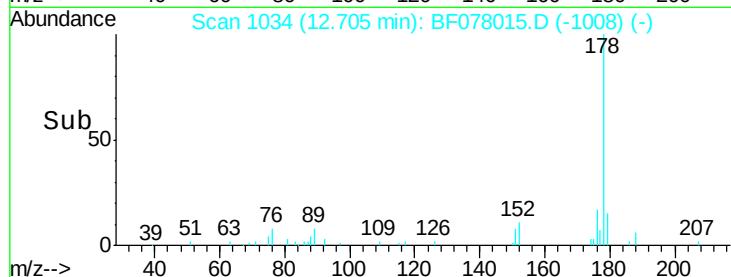
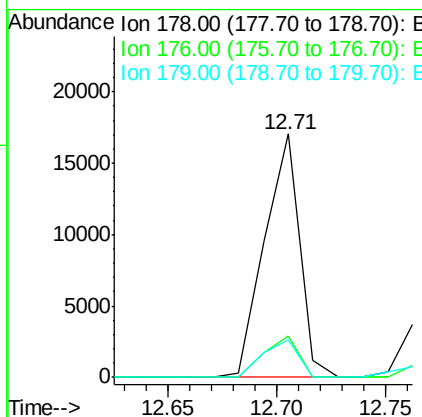
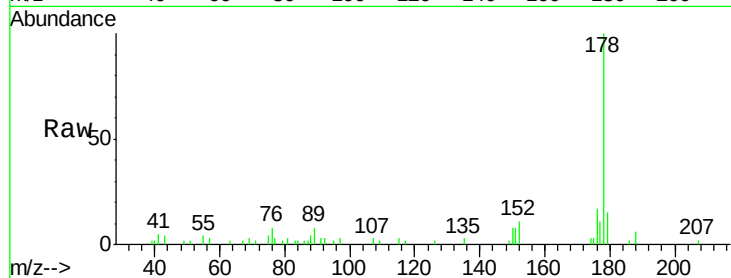




#70
Phenanthrene
Concen: 2.20 ng
RT: 12.71 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF078015.D
Acq: 27 Mar 2015 2:10

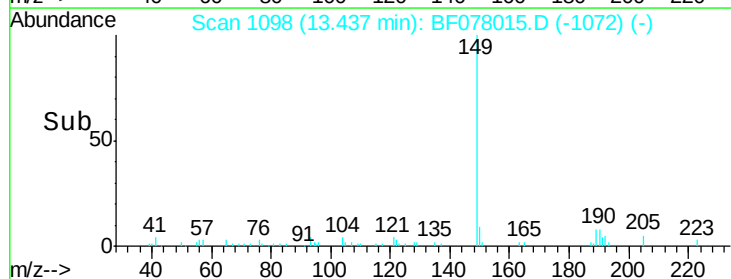
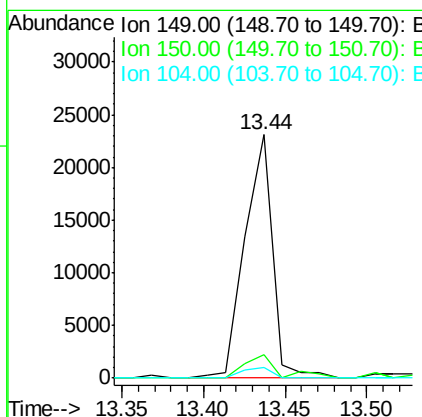
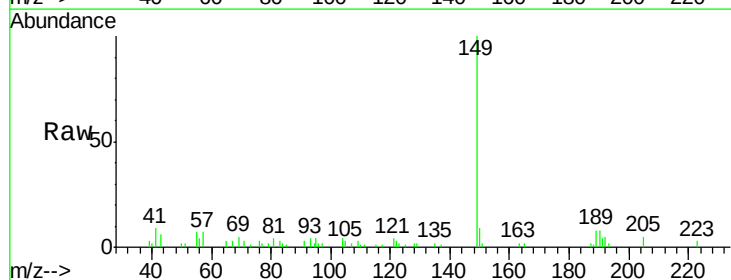
Instrument :
BNA_F
ClientSampled :
FD1

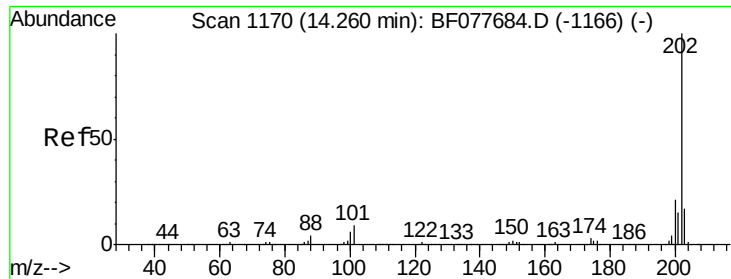
Tgt Ion:178 Resp: 19313
Ion Ratio Lower Upper
178 100
176 16.9 15.2 22.8
179 15.5 12.1 18.1



#73
Di-n-butylphthalate
Concen: 2.94 ng
RT: 13.44 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BF078015.D
Acq: 27 Mar 2015 2:10

Tgt Ion:149 Resp: 27247
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 4.1 3.7 5.5

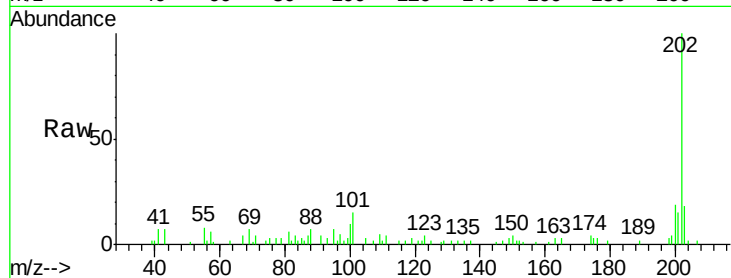




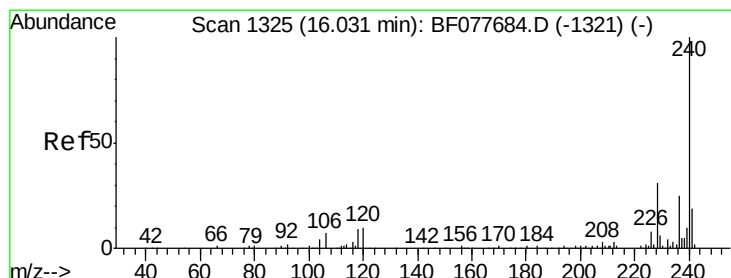
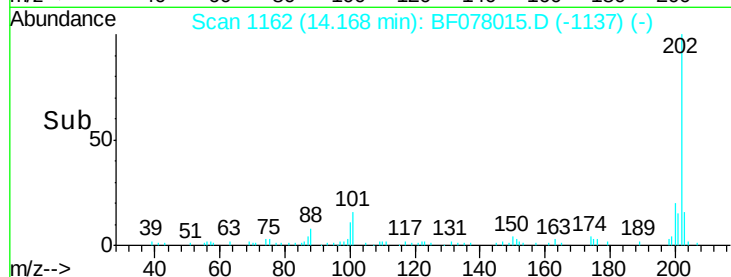
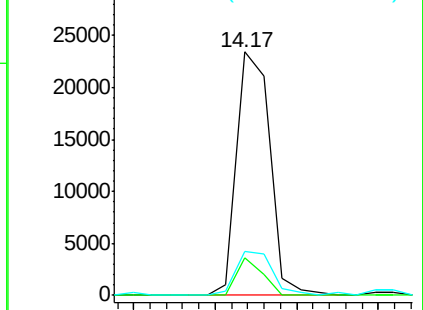
#74
 Fluoranthene
 Concen: 3.41 ng
 RT: 14.17 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF078015.D
 Acq: 27 Mar 2015 2:10

Instrument :
 BNA_F
 ClientSampleId :
 FD1

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.3	0.0	28.7
203	17.9	0.0	37.2

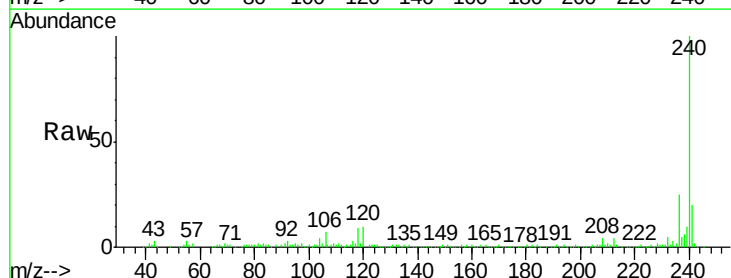


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

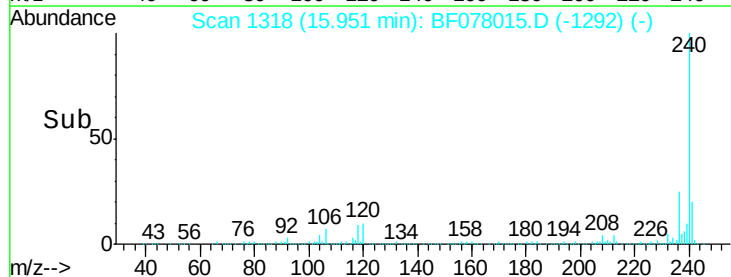
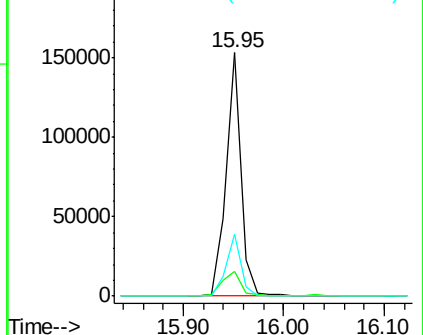


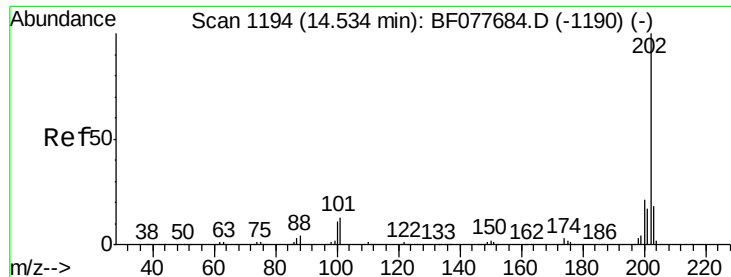
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.95 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF078015.D
 Acq: 27 Mar 2015 2:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.2	12.2
236	25.3	20.0	30.0



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 3.12 ng

RT: 14.45 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BF078015.D

Acq: 27 Mar 2015 2:10

Instrument :

BNA_F

ClientSampleId :

FD1

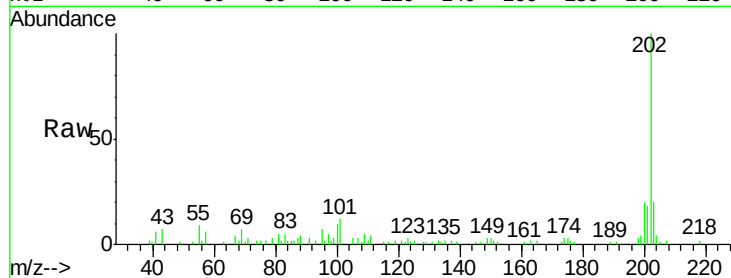
Tgt Ion: 202 Resp: 31112

Ion Ratio Lower Upper

202 100

200 20.0 16.9 25.3

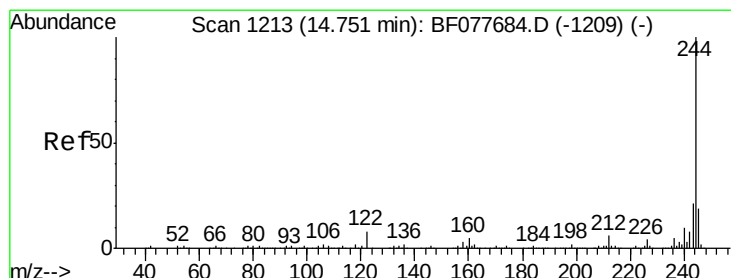
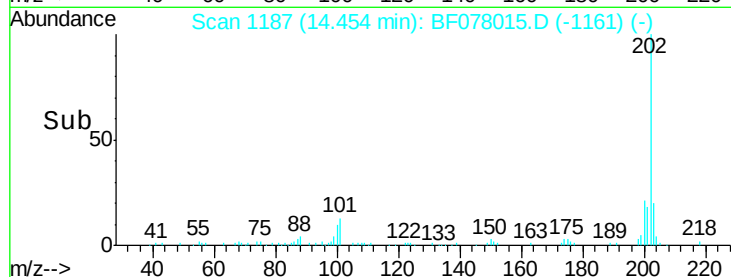
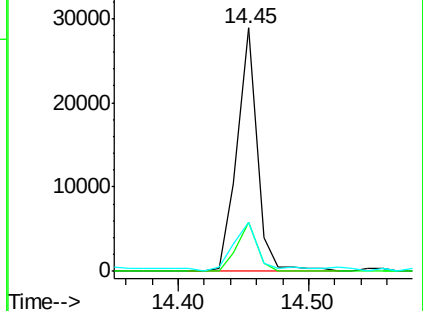
203 20.3 14.1 21.1



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: 79.69 ng

RT: 14.67 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF078015.D

Acq: 27 Mar 2015 2:10

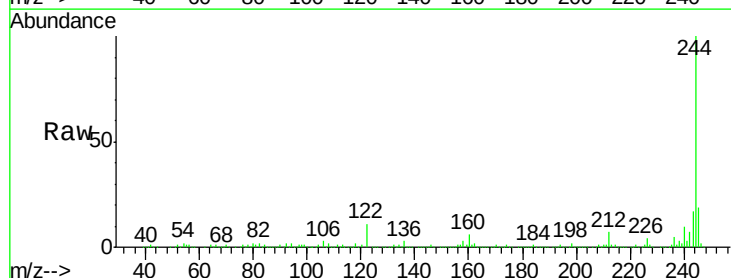
Tgt Ion: 244 Resp: 516975

Ion Ratio Lower Upper

244 100

212 6.6 4.9 7.3

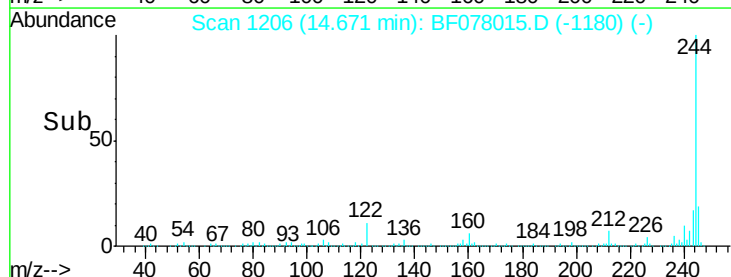
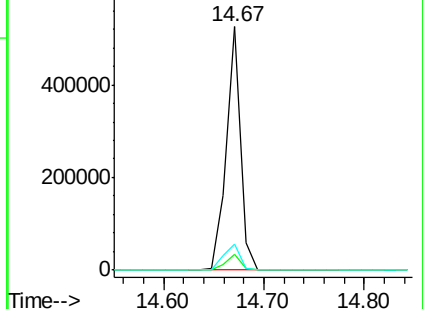
122 10.9 6.2 9.4#

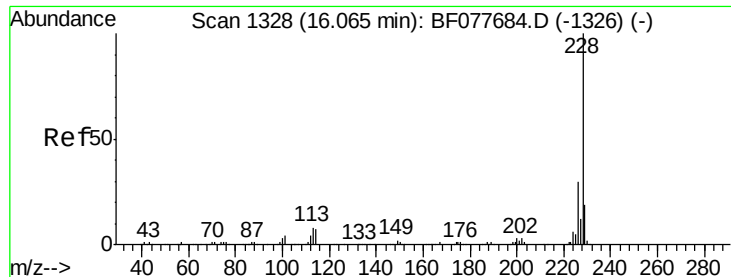


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#82

Chrysene

Concen: 2.15 ng m

RT: 15.99 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BF078015.D

Acq: 27 Mar 2015 2:10

Instrument :

BNA_F

ClientSampleId :

FD1

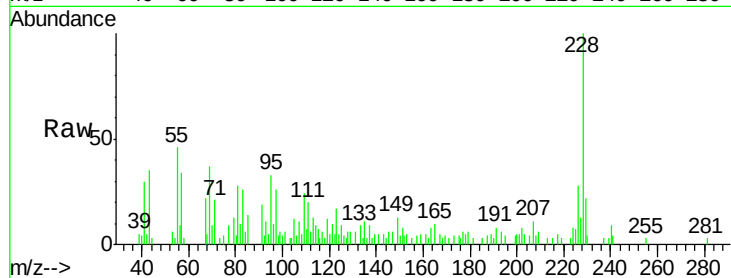
Tgt Ion: 228 Resp: 18178

Ion Ratio Lower Upper

228 100

226 27.8 24.1 36.1

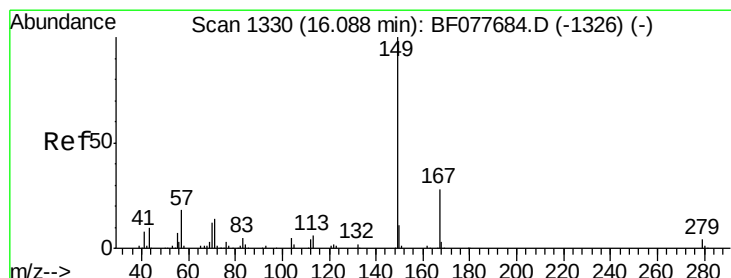
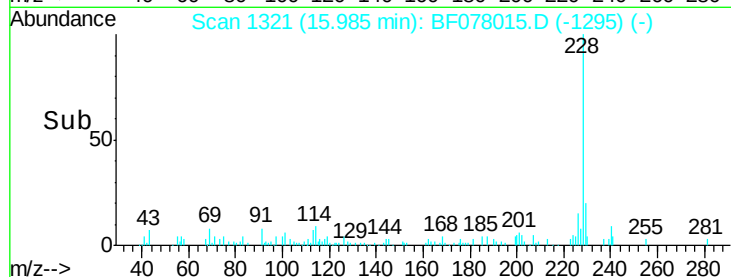
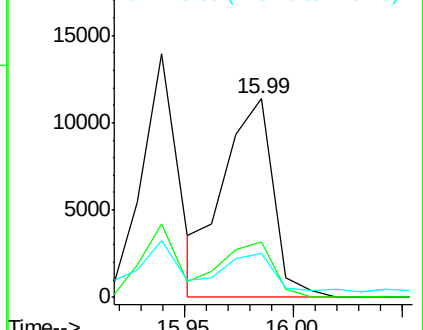
229 22.2 15.5 23.3



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 16.45 ng

RT: 16.01 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF078015.D

Acq: 27 Mar 2015 2:10

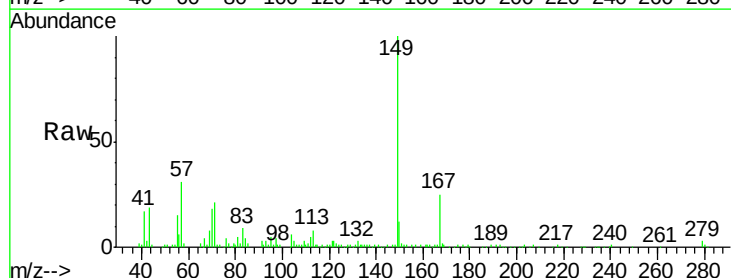
Tgt Ion: 149 Resp: 97878

Ion Ratio Lower Upper

149 100

167 25.2 22.4 33.6

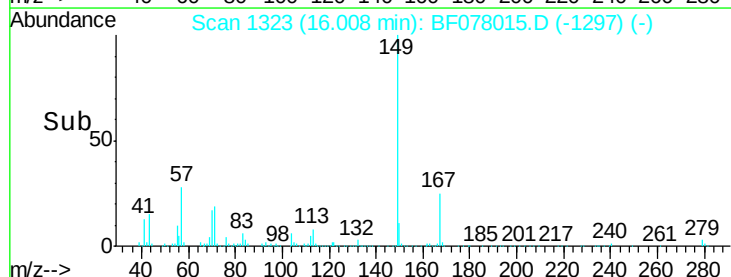
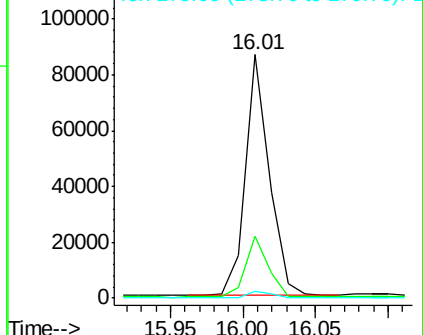
279 2.8 3.4 5.0#

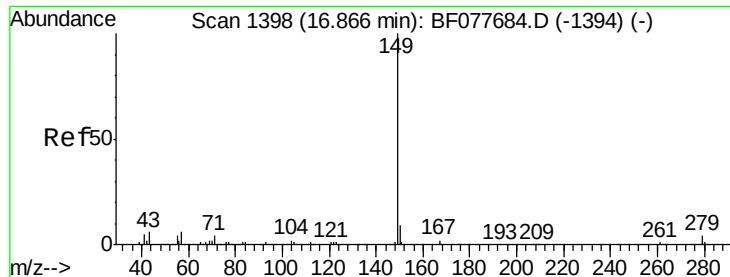


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 2.05 ng

RT: 16.80 min Scan# 1392

Delta R.T. 0.01 min

Lab File: BF078015.D

Acq: 27 Mar 2015 2:10

Instrument :

BNA_F

ClientSampleId :

FD1

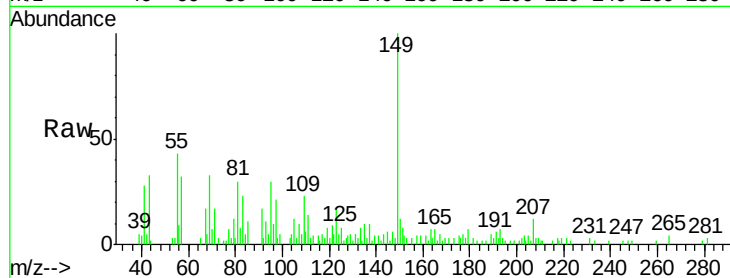
Tgt Ion:149 Resp: 20845

Ion Ratio Lower Upper

149 100

167 6.9 1.2 1.8#

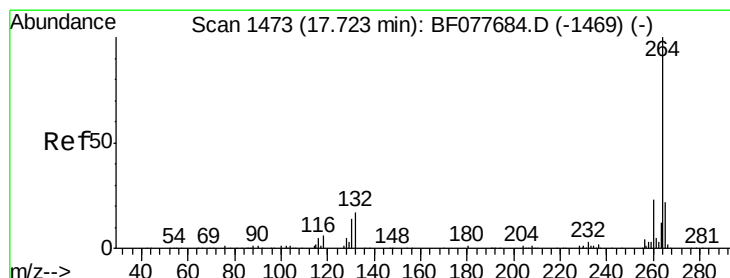
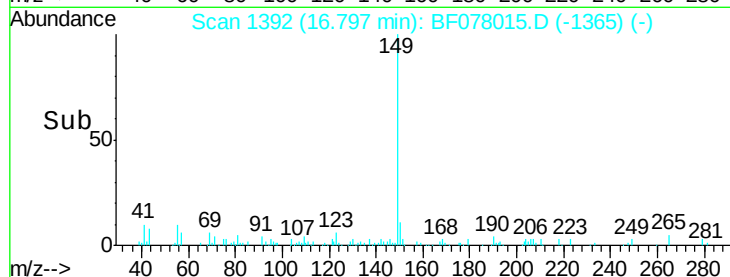
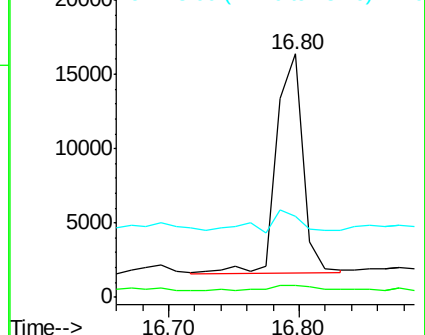
43 11.0 7.3 10.9#



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

Perylene-d12

Concen: 20.00 ng

RT: 17.64 min Scan# 1466

Delta R.T. 0.01 min

Lab File: BF078015.D

Acq: 27 Mar 2015 2:10

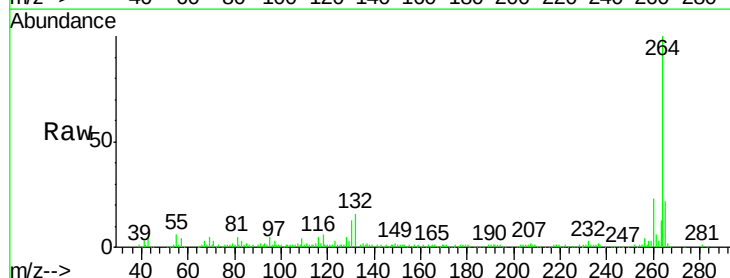
Tgt Ion:264 Resp: 151863

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

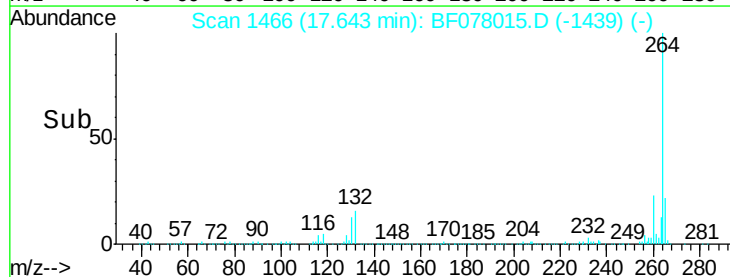
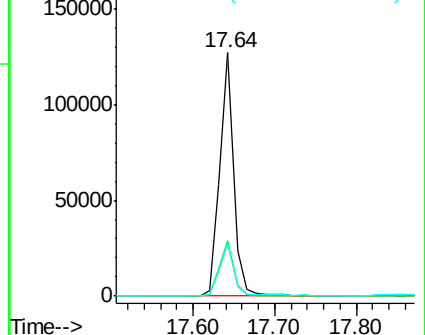
265 21.7 17.3 25.9

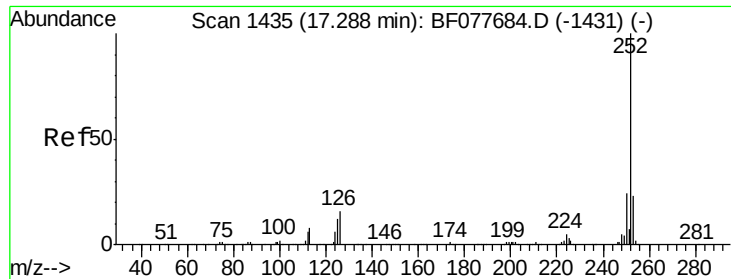


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.38 ng m

RT: 17.21 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BF078015.D

Acq: 27 Mar 2015 2:10

Instrument :

BNA_F

ClientSampleId :

FD1

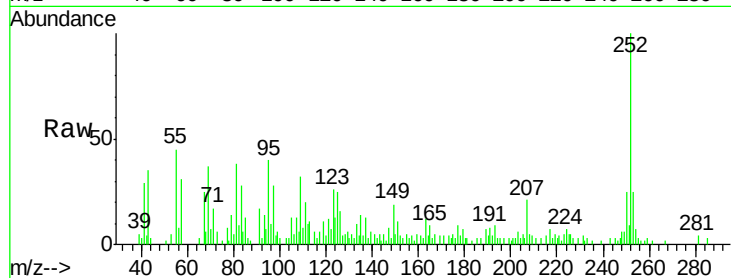
Tgt Ion: 252 Resp: 23548

Ion Ratio Lower Upper

252 100

253 24.6 18.0 27.0

125 24.9 9.9 14.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

