

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
 Data File : BF079190.D
 Acq On : 13 May 2015 8:40
 Operator : TP/IZ
 Sample : G2194-17
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 13 13:27:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 13:12:37 2015
 Response via : Initial Calibration

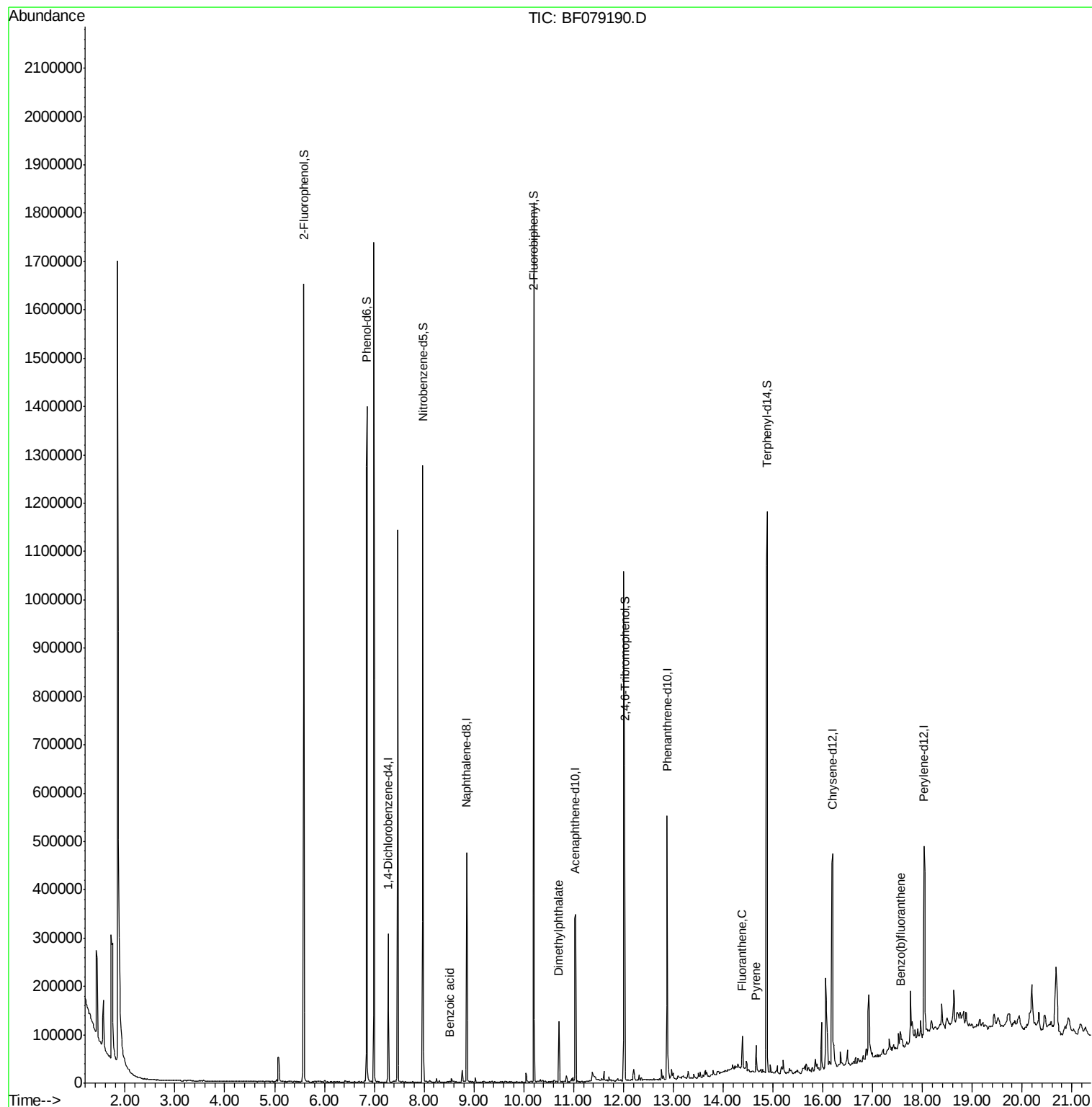
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	53247	20.00	ng	0.00
21) Naphthalene-d8	8.86	136	216625	20.00	ng	0.00
38) Acenaphthene-d10	11.03	164	105723	20.00	ng	-0.01
63) Phenanthrene-d10	12.88	188	206918	20.00	ng	0.00
75) Chrysene-d12	16.19	240	220834	20.00	ng	0.02
86) Perylene-d12	18.03	264	219807	20.00	ng	0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	538950	174.23	ng	0.00
7) Phenol-d6	6.86	99	731604	178.93	ng	0.01
23) Nitrobenzene-d5	7.98	82	401020	106.39	ng	0.00
41) 2,4,6-Tribromophenol	12.02	330	169204	147.94	ng	0.00
44) 2-Fluorobiphenyl	10.20	172	549039	72.35	ng	0.00
78) Terphenyl-d14	14.88	244	554812	60.15	ng	0.00
Target Compounds						
32) Benzoic acid	8.52	122	299	6.45	ng	Qvalue # 78
49) Dimethylphthalate	10.71	163	49488	6.38	ng	99
74) Fluoranthene	14.39	202	28812	2.39	ng	94
77) Pyrene	14.66	202	27797	2.18	ng	97
87) Benzo(b)fluoranthene	17.55	252	30839	2.56	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: 7.28 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF079190.D

Acq: 13 May 2015 8:40

Instrument :

BNA_F

ClientSampled :

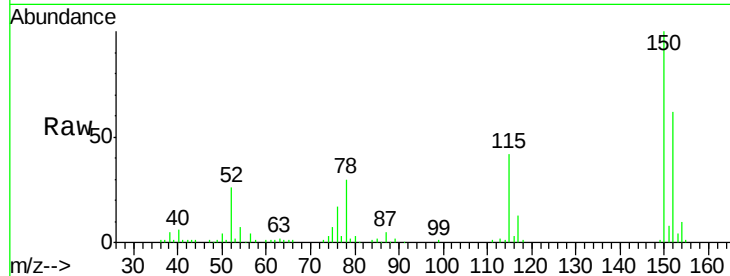
Tot Ion:152 Resp: 53247

Ion Ratio Lower Upper

152 100

150 160.3 122.0 183.0

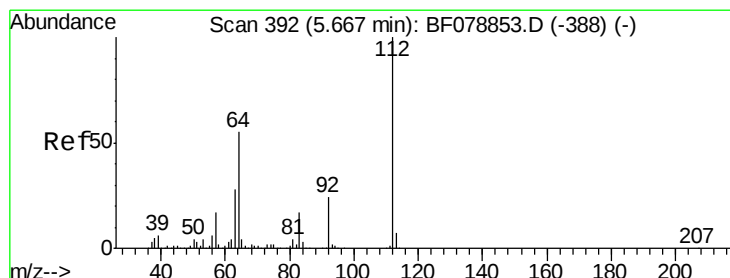
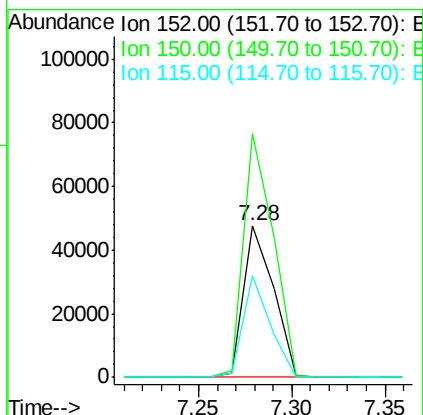
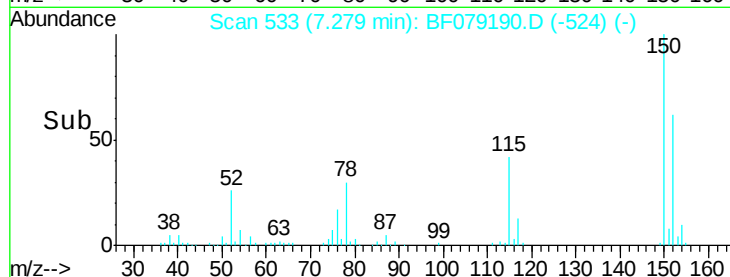
115 67.3 46.3 69.5



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: 174.23 ng

RT: 5.59 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF079190.D

Acq: 13 May 2015 8:40

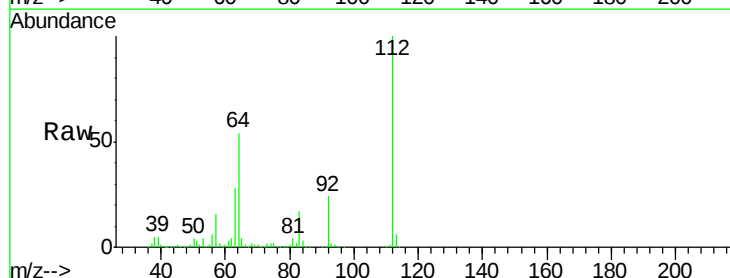
Tgt Ion:112 Resp: 538950

Ion Ratio Lower Upper

112 100

64 54.3 53.5 80.3

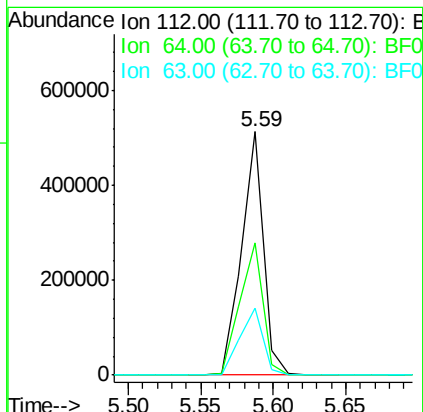
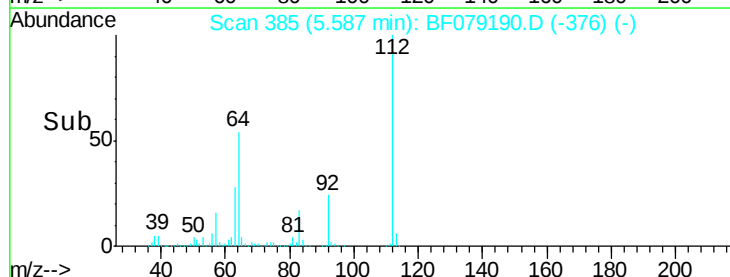
63 27.7 27.5 41.3

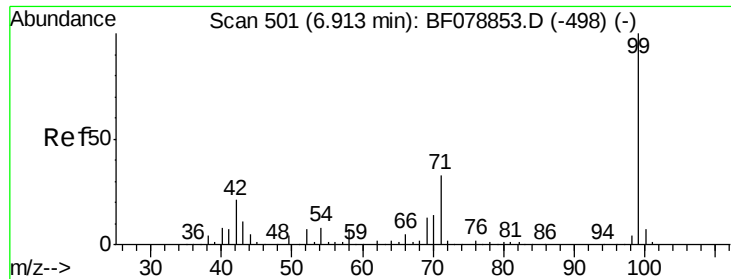


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 178.93 ng

RT: 6.86 min Scan# 496

Delta R.T. 0.01 min

Lab File: BF079190.D

Acq: 13 May 2015 8:40

Instrument :

BNA_F

ClientSampleId :

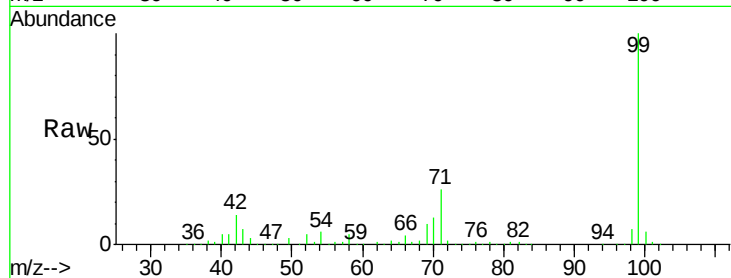
Tot Ion: 99 Resp: 731604

Ion Ratio Lower Upper

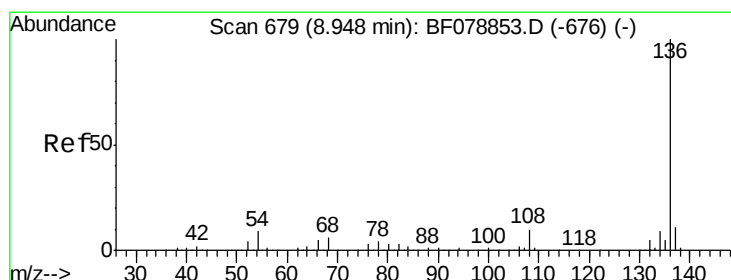
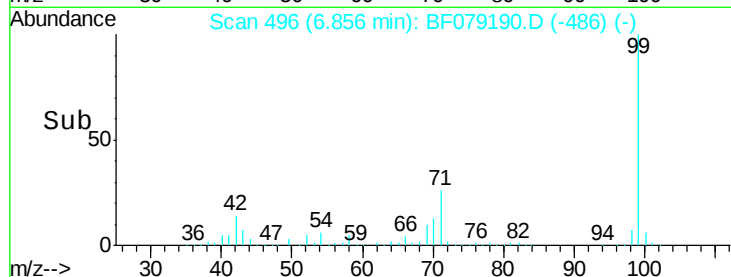
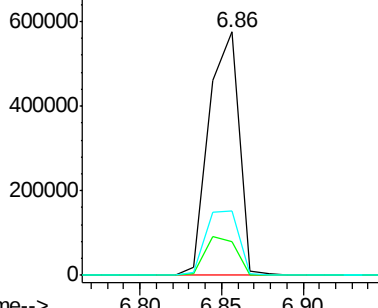
99 100

42 13.8 12.8 19.2

71 26.3 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: 8.86 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF079190.D

Acq: 13 May 2015 8:40

Tgt Ion: 136 Resp: 216625

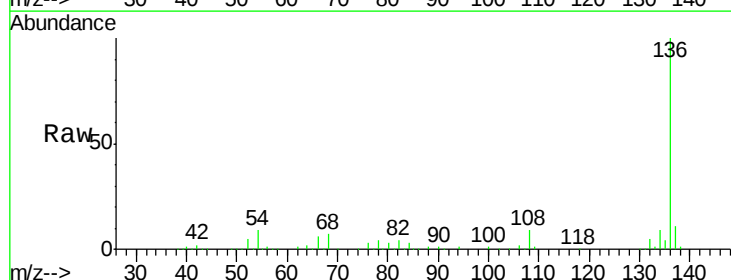
Ion Ratio Lower Upper

136 100

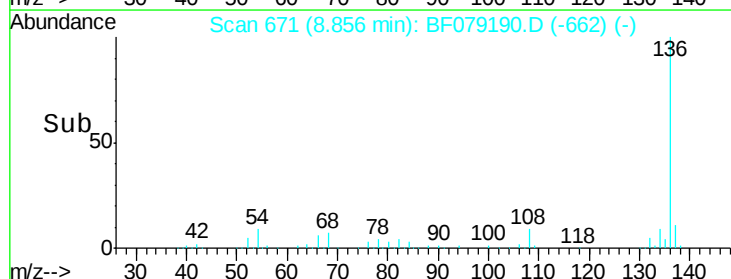
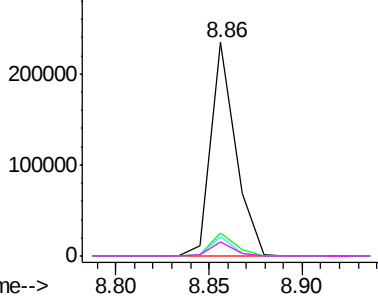
137 11.0 8.7 13.1

54 9.1 5.8 8.8#

68 6.7 4.2 6.4#



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

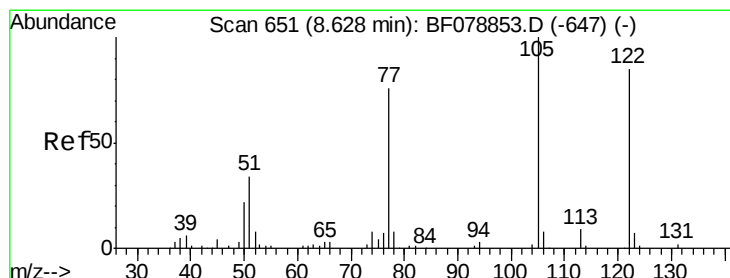
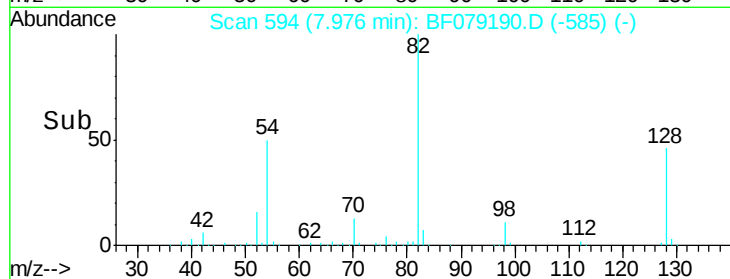
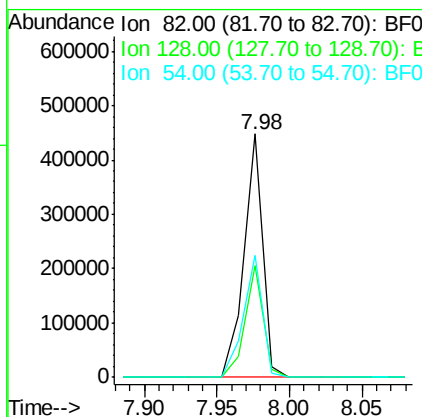
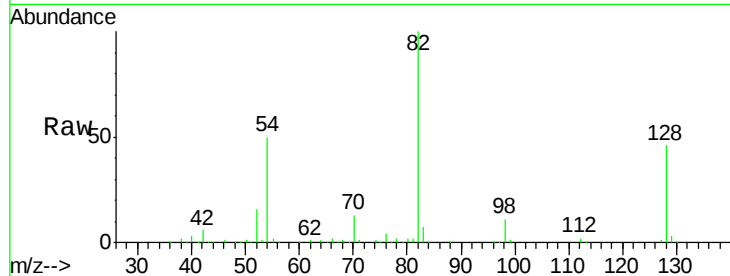




#23
 Nitrobenzene-d5
 Concen: 106.39 ng
 RT: 7.98 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF079190.D
 Acq: 13 May 2015 8:40

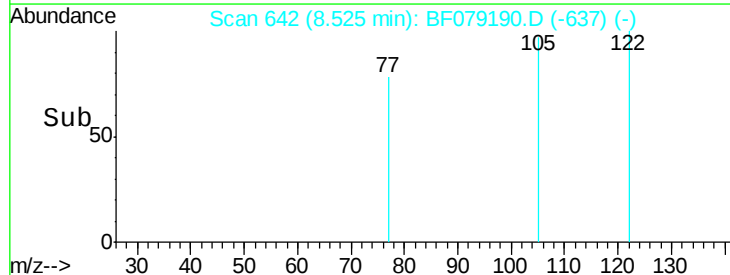
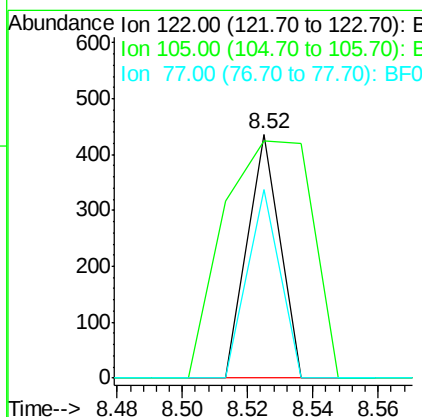
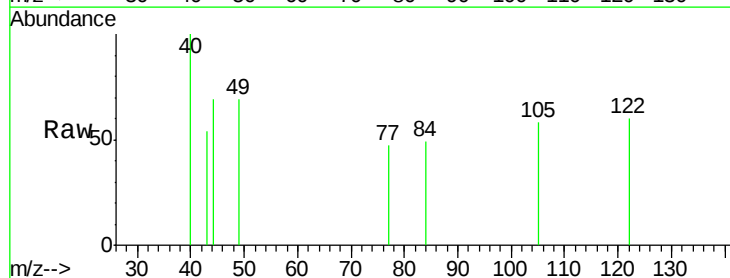
Instrument :
 BNA_F
 ClientSampleId :

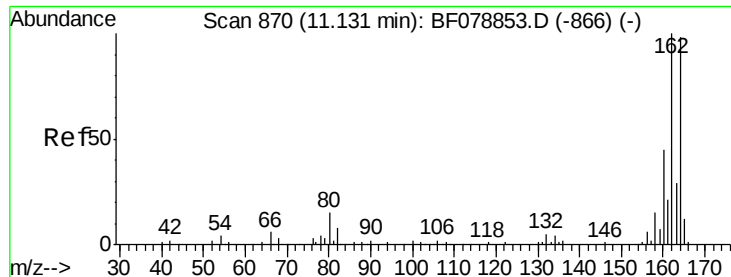
Tot Ion	82	Resp	401020
Ion Ratio	100	Lower	Upper
128	45.9	30.0	45.0#
54	50.0	46.4	69.6



#32
 Benzoic acid
 Concen: 6.45 ng
 RT: 8.52 min Scan# 642
 Delta R.T. -0.05 min
 Lab File: BF079190.D
 Acq: 13 May 2015 8:40

Tgt Ion	122	Resp	299
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
105	97.2	107.1	147.1#
77	77.5	73.9	113.9

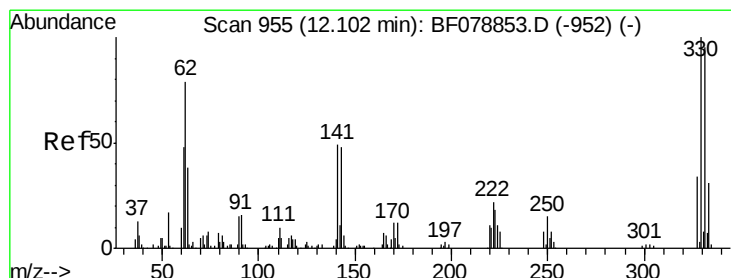
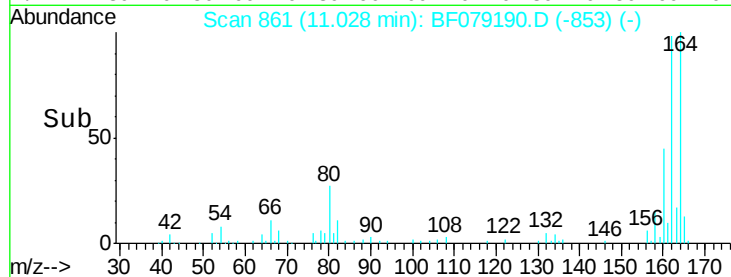
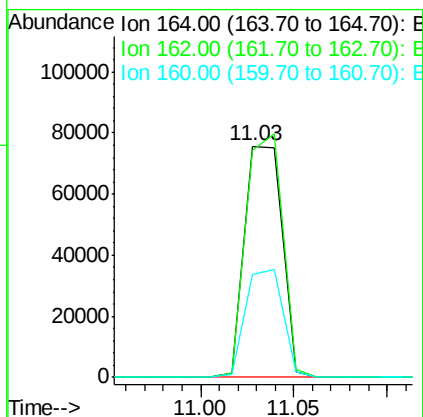
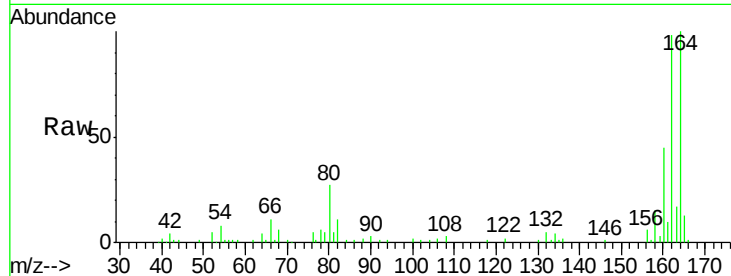




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.03 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF079190.D
 Acq: 13 May 2015 8:40

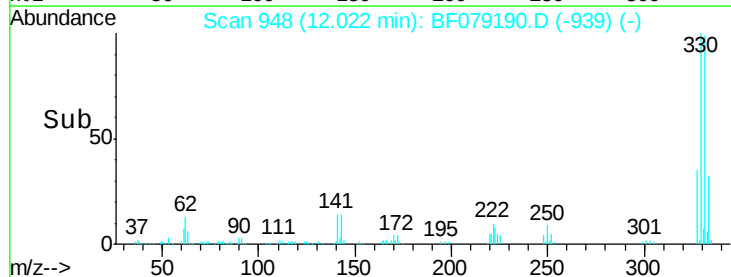
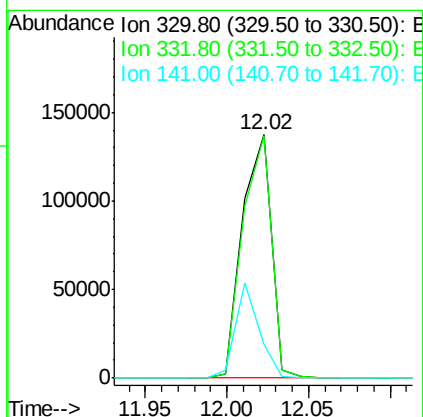
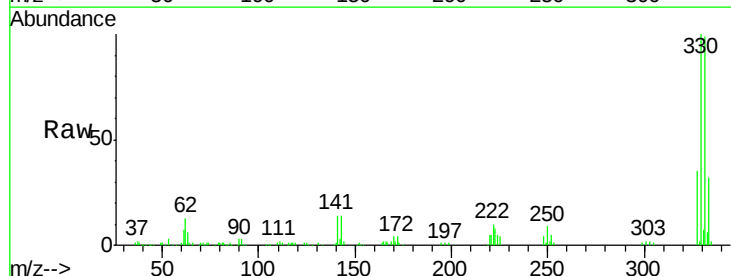
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 105723
 Ion Ratio Lower Upper
 164 100
 162 98.4 82.7 124.1
 160 44.6 35.8 53.8



#41
 2,4,6-Tribromophenol
 Concen: 147.94 ng
 RT: 12.02 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF079190.D
 Acq: 13 May 2015 8:40

Tgt Ion:330 Resp: 169204
 Ion Ratio Lower Upper
 330 100
 332 97.9 0.0 0.0#
 141 31.8 0.0 0.0#

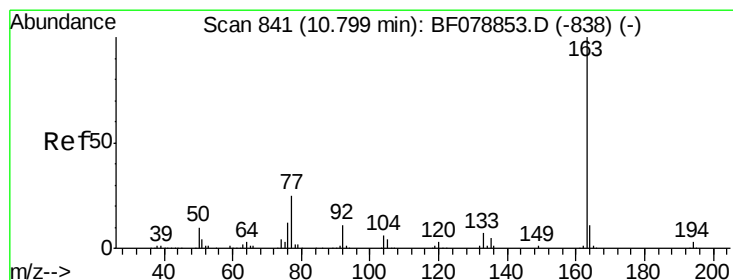
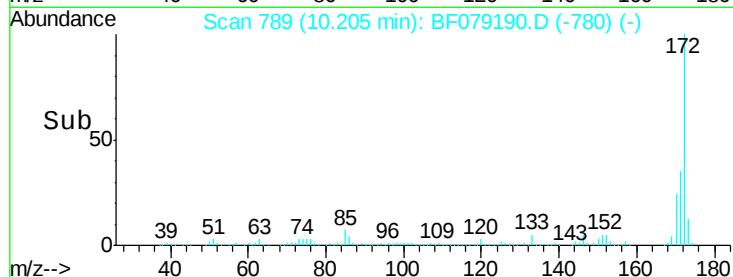
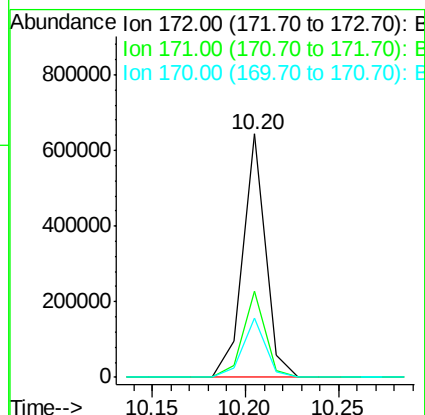
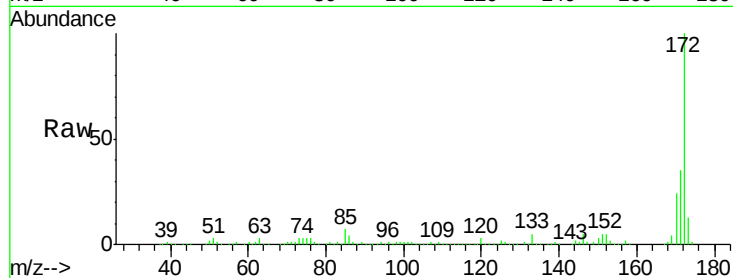




#44
2-Fluorobiphenyl
Concen: 72.35 ng
RT: 10.20 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF079190.D
Acq: 13 May 2015 8:40

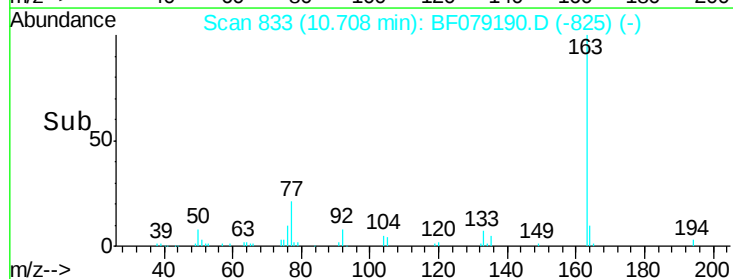
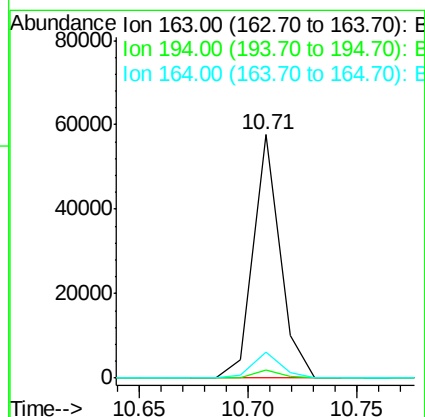
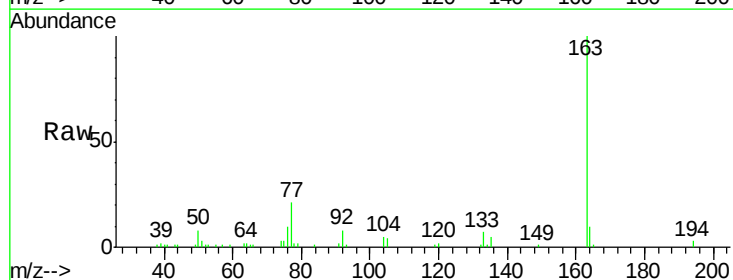
Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 549039
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 24.3 19.4 29.0



#49
Dimethylphthalate
Concen: 6.38 ng
RT: 10.71 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF079190.D
Acq: 13 May 2015 8:40

Tgt Ion:163 Resp: 49488
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.5 8.1 12.1

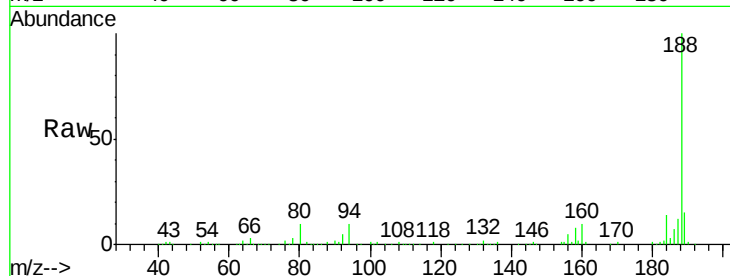




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.88 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF079190.D
Acq: 13 May 2015 8:40

Instrument :
BNA_F
ClientSampleId :

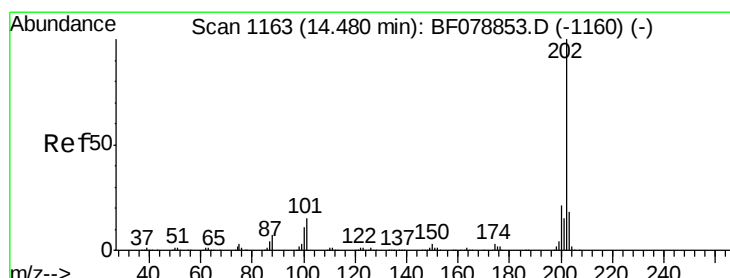
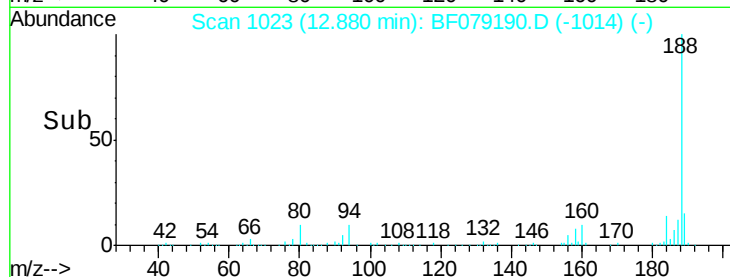
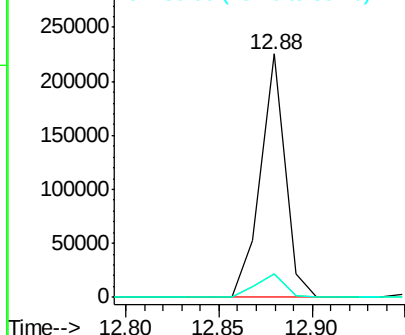
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.2	12.2
80	9.6	8.9	13.3



Abundance Ion 188.00 (187.70 to 188.70): E

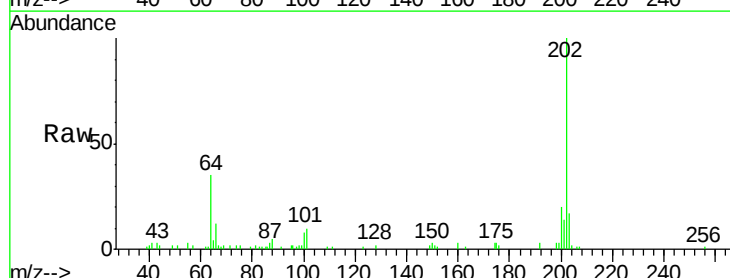
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#74
Fluoranthene
Concen: 2.39 ng
RT: 14.39 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF079190.D
Acq: 13 May 2015 8:40

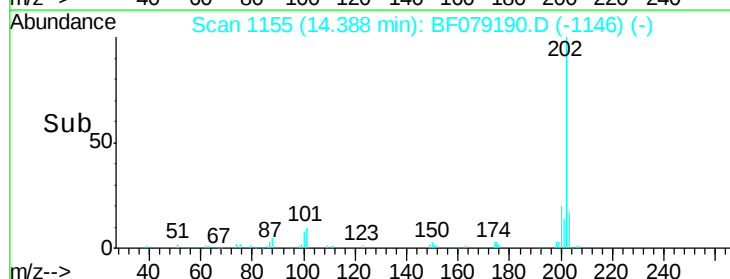
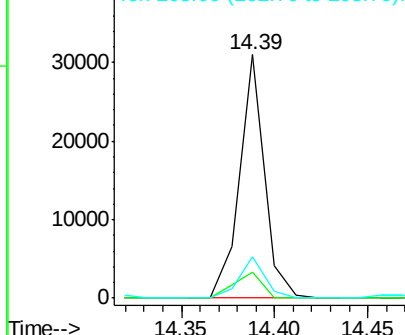
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	34.6
203	16.9	0.0	38.4

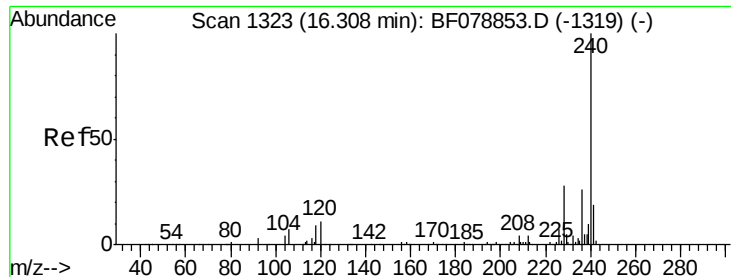


Abundance Ion 202.00 (201.70 to 202.70): E

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: 16.19 min Scan# 1313

Delta R.T. 0.02 min

Lab File: BF079190.D

Acq: 13 May 2015 8:40

Instrument :

BNA_F

ClientSampleId :

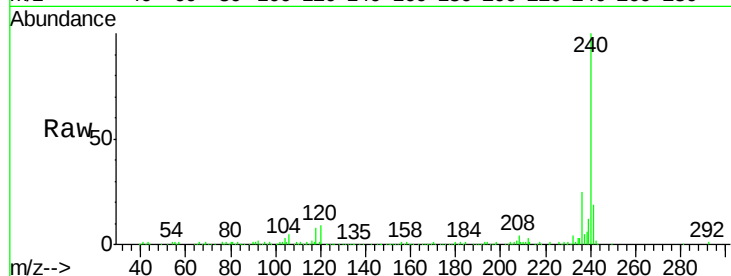
Tot Ion:240 Resp: 220834

Ion Ratio Lower Upper

240 100

120 8.8 9.7 14.5#

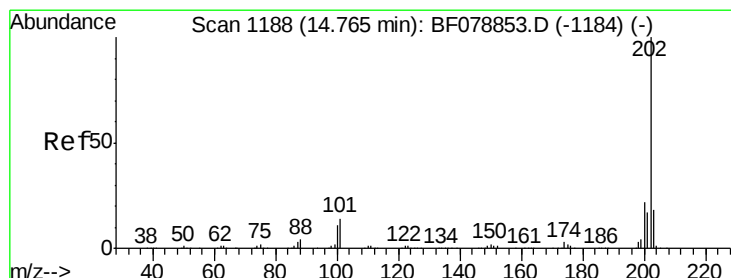
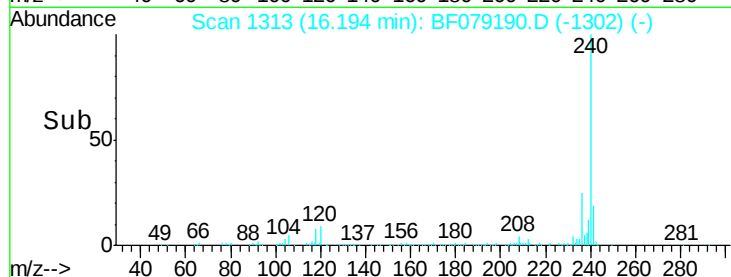
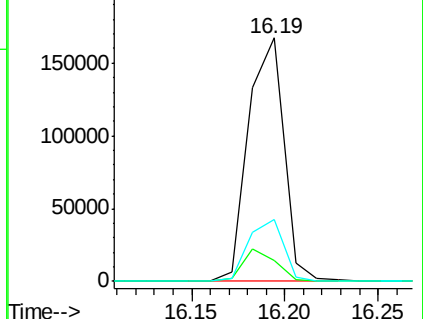
236 25.5 20.2 30.4



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: 2.18 ng

RT: 14.66 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF079190.D

Acq: 13 May 2015 8:40

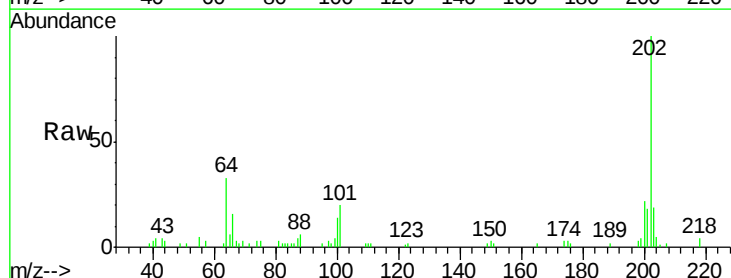
Tgt Ion:202 Resp: 27797

Ion Ratio Lower Upper

202 100

200 22.3 17.5 26.3

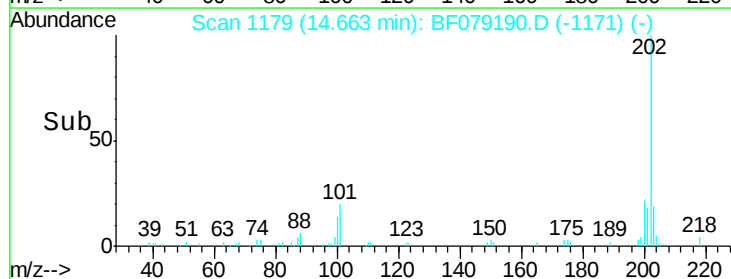
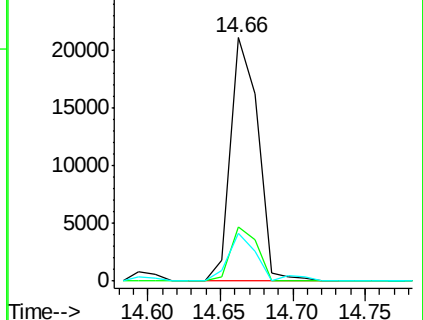
203 19.5 13.9 20.9

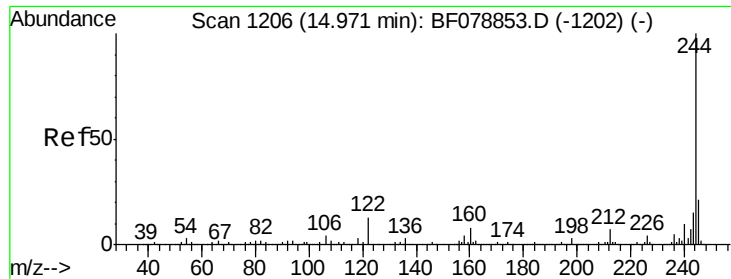


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

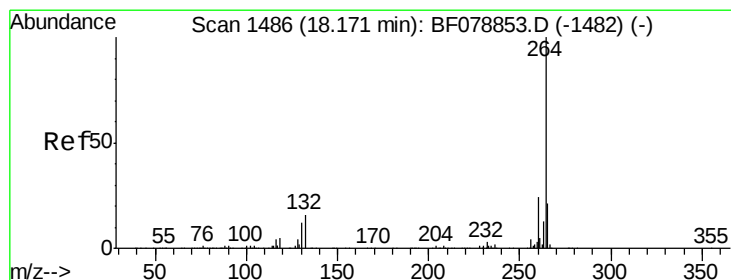
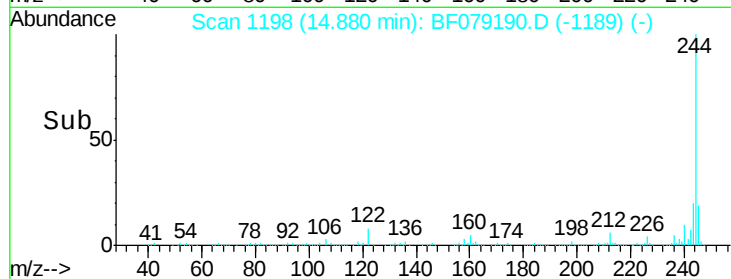
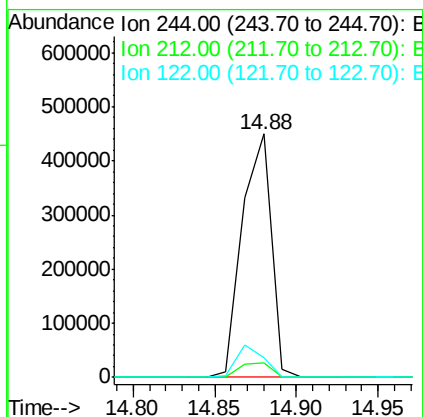
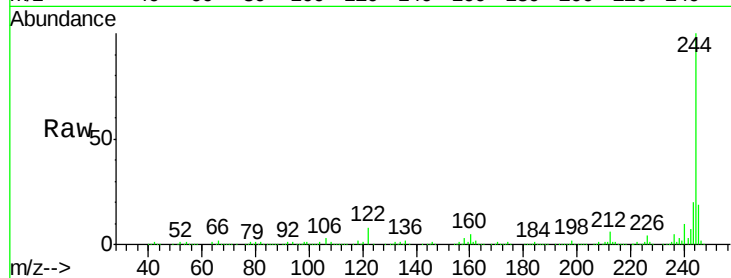




#78
 Terphenyl-d14
 Concen: 60.15 ng
 RT: 14.88 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF079190.D
 Acq: 13 May 2015 8:40

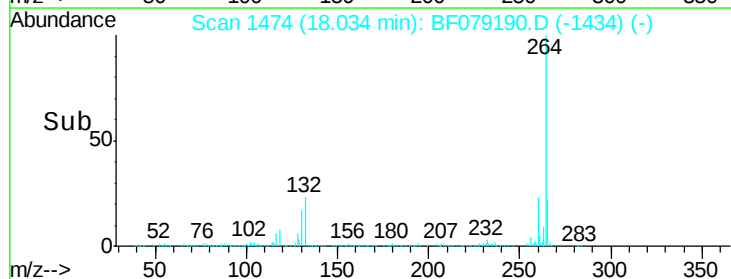
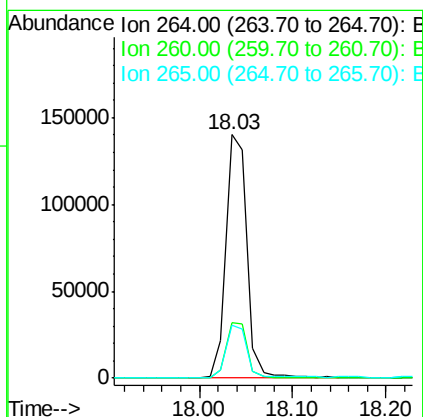
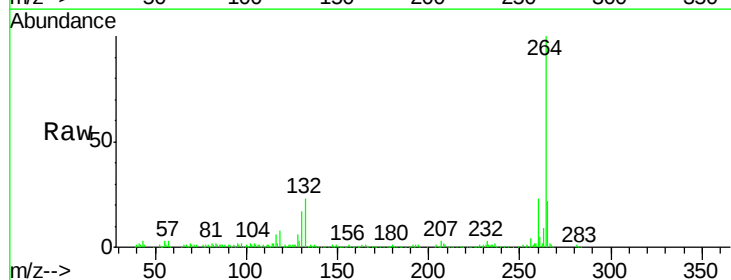
Instrument :
 BNA_F
 ClientSampleId :

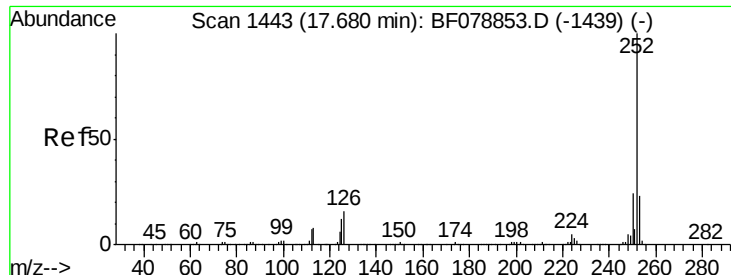
Tot Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.6	8.4
122	8.2	10.3	15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.03 min Scan# 1474
 Delta R.T. 0.16 min
 Lab File: BF079190.D
 Acq: 13 May 2015 8:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.2
265	21.9	18.3	27.5

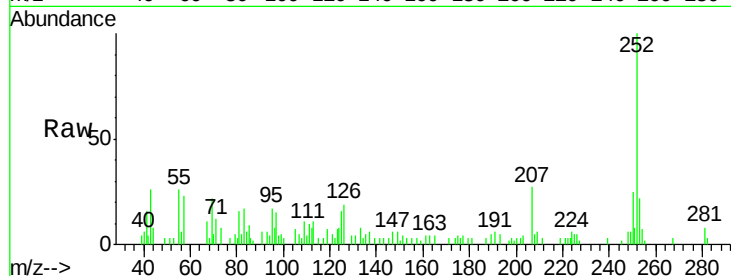




#87
Benzo(b)fluoranthene
Concen: 2.56 ng
RT: 17.55 min Scan# 1432
Delta R.T. 0.11 min
Lab File: BF079190.D
Acq: 13 May 2015 8:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 252 Resp: 30839
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 15.7 9.5 14.3#



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

