

Data Path : Z:\HPCHEM1\BNA F\Data\BF012215\
 Data File : BF077031.D
 Acq On : 23 Jan 2015 4:34
 Operator : TP/IZ
 Sample : G1148-01
 Misc : S
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 05:19:45 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 23 03:40:26 2015
 Response via : Initial Calibration

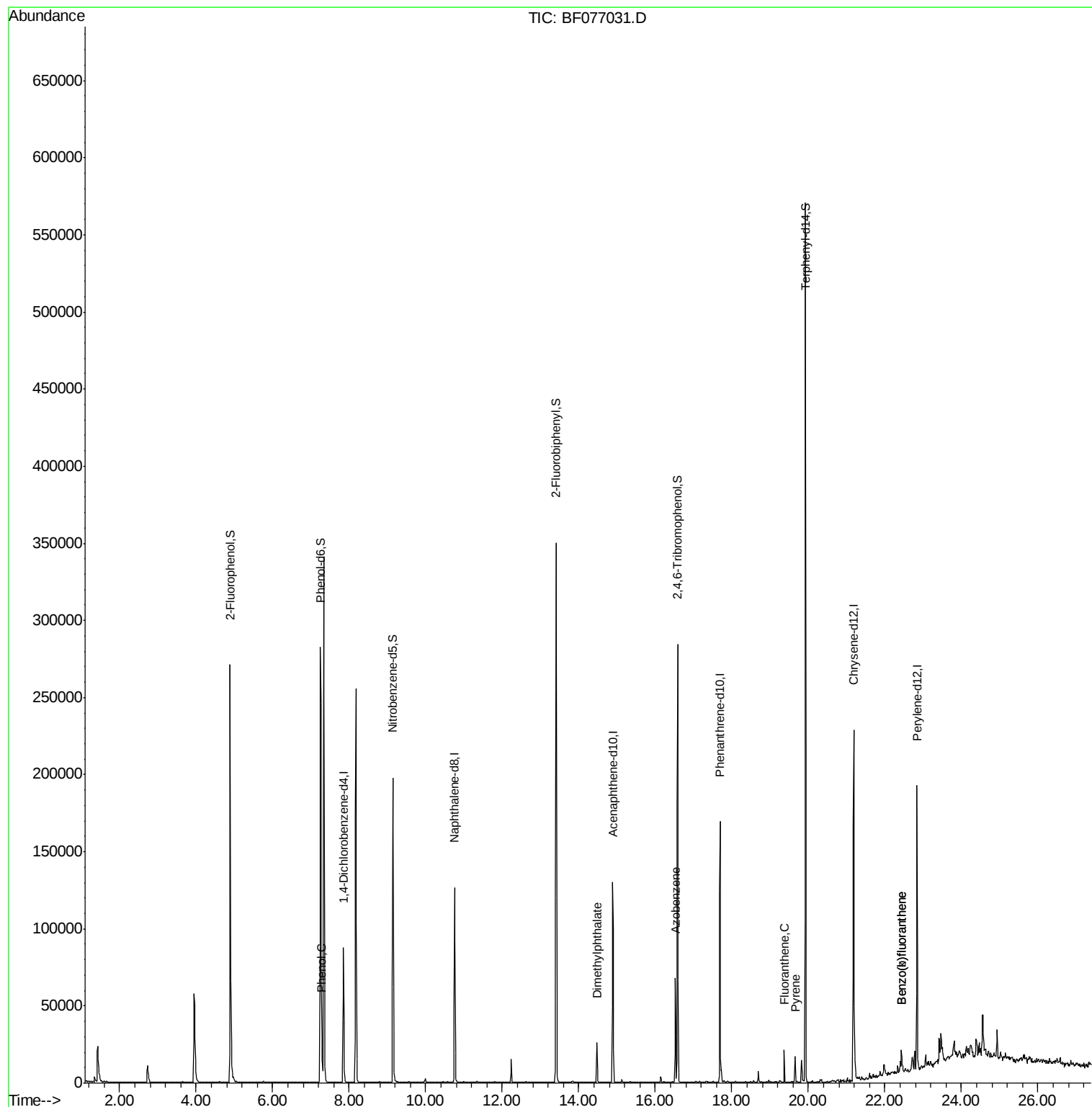
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	24429	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	102011	20.00	ng	-0.01
38) Acenaphthene-d10	14.88	164	54055	20.00	ng	-0.01
63) Phenanthrene-d10	17.69	188	90044	20.00	ng	0.00
75) Chrysene-d12	21.19	240	82714	20.00	ng	0.00
86) Perylene-d12	22.84	264	78967	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	141140	94.99	ng	0.00
7) Phenol-d6	7.25	99	184441	98.40	ng	-0.01
23) Nitrobenzene-d5	9.14	82	113086	61.42	ng	-0.01
41) 2,4,6-Tribromophenol	16.59	330	41997	95.71	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	204932	57.69	ng	-0.01
78) Terphenyl-d14	19.92	244	211559	58.88	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.28	94	5521	2.77	ng	71
49) Dimethylphthalate	14.48	163	21673	5.65	ng	98
62) Azobenzene	16.53	77	18012	4.46	ng	# 1
74) Fluoranthene	19.37	202	13414	2.33	ng	100
77) Pyrene	19.66	202	11714	2.07	ng	95
87) Benzo(b)fluoranthene	22.43	252	10829	2.04	ng	96
88) Benzo(k)fluoranthene	22.43	252	10829	2.33	ng	# 93

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

Data Path : Z:\HPCHEM1\BNA F\Data\BF012215\
Data File : BF077031.D
Acq On : 23 Jan 2015 4:34
Operator : TP/IZ
Sample : G1148-01
Misc : S
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 23 05:19:45 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 23 03:40:26 2015
Response via : Initial Calibration



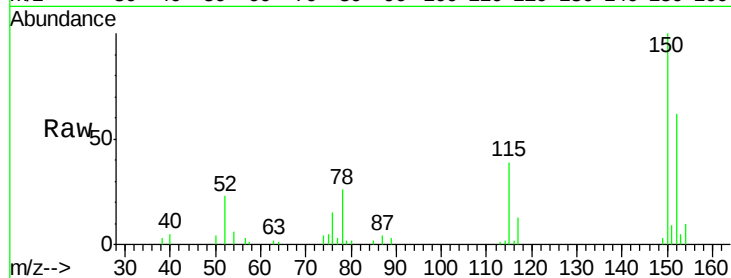


#1

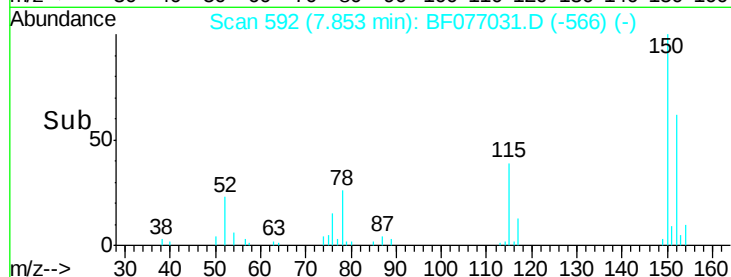
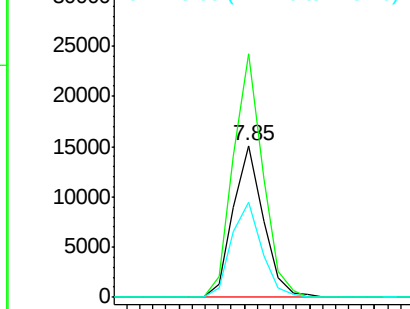
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF077031.D
Acq: 23 Jan 2015 4:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 24429
Ion Ratio Lower Upper
152 100
150 160.4 121.7 182.5
115 62.9 47.0 70.6



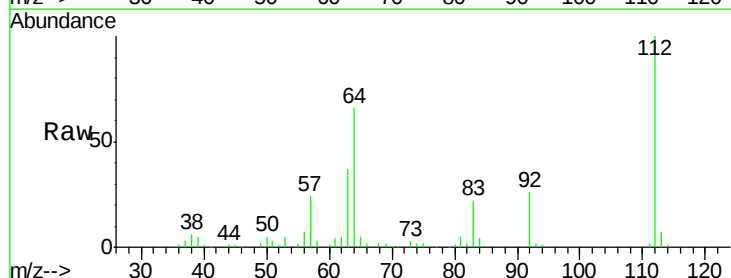
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



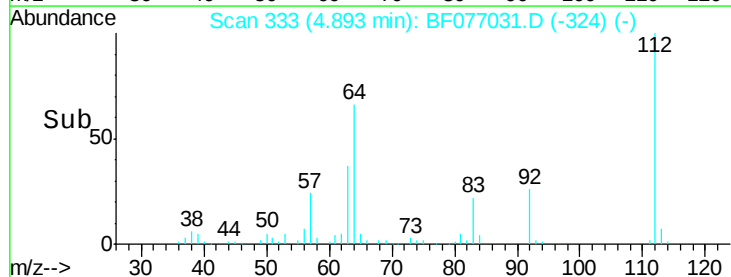
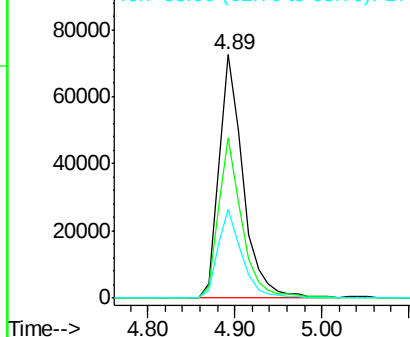
#5

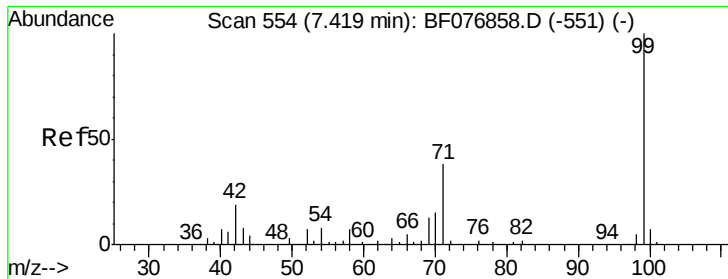
2-Fluorophenol
Concen: 94.99 ng
RT: 4.89 min Scan# 333
Delta R.T. 0.00 min
Lab File: BF077031.D
Acq: 23 Jan 2015 4:34

Tgt Ion:112 Resp: 141140
Ion Ratio Lower Upper
112 100
64 66.1 54.2 81.4
63 36.7 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: 98.40 ng

RT: 7.25 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF077031.D

Acq: 23 Jan 2015 4:34

Instrument :

BNA_F

ClientSampleId :

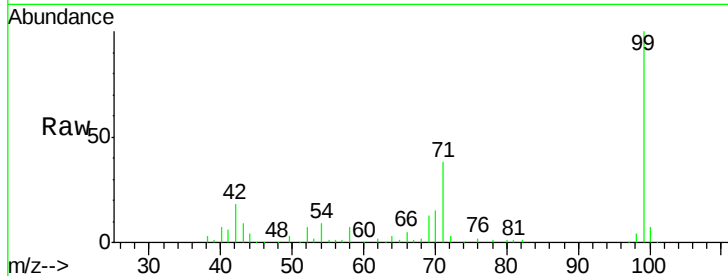
Tot Ion: 99 Resp: 184441

Ion Ratio Lower Upper

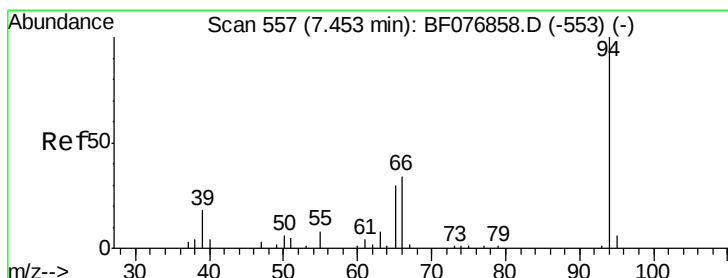
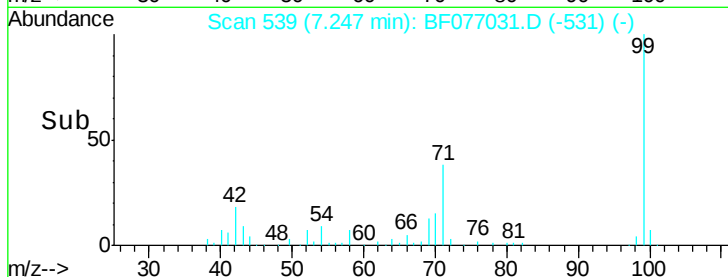
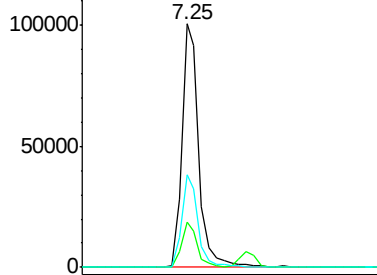
99 100

42 18.4 15.0 22.4

71 37.9 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



#10

Phenol

Concen: 2.77 ng

RT: 7.28 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF077031.D

Acq: 23 Jan 2015 4:34

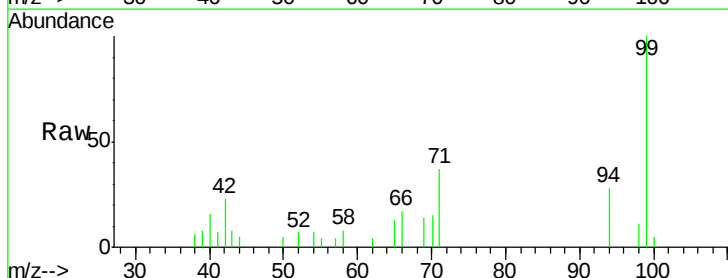
Tgt Ion: 94 Resp: 5521

Ion Ratio Lower Upper

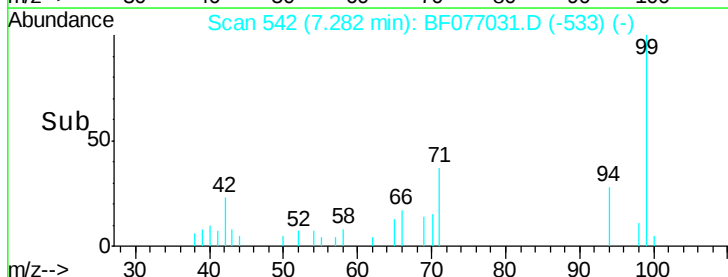
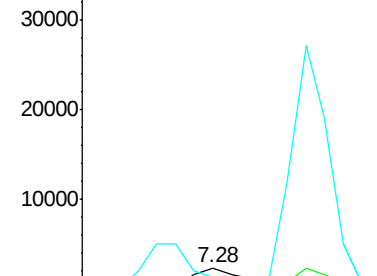
94 100

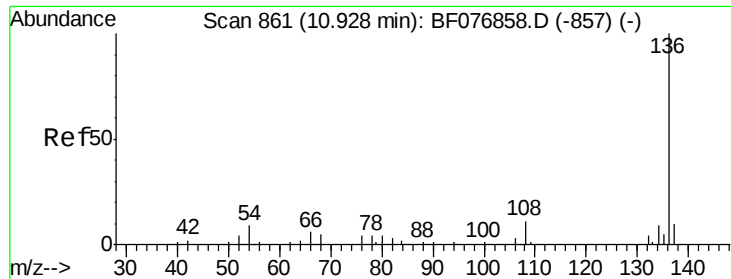
65 45.5 11.3 51.3

66 59.0 19.5 59.5



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

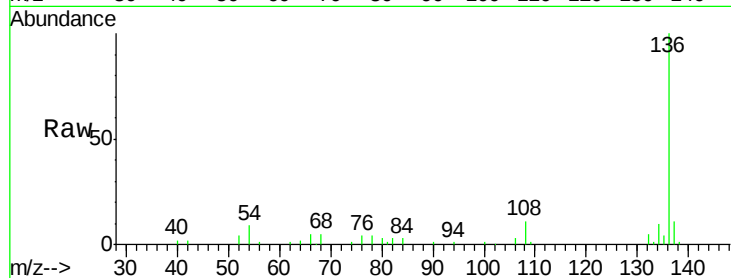




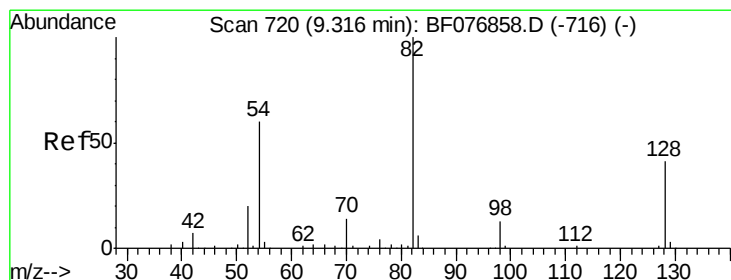
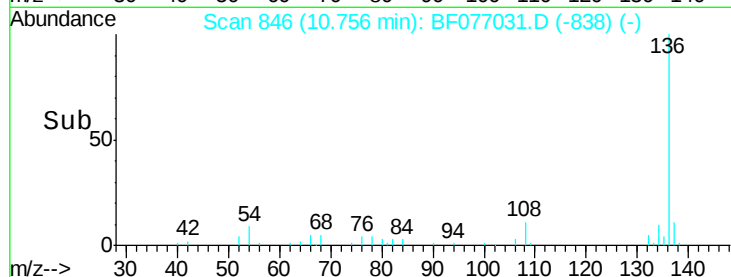
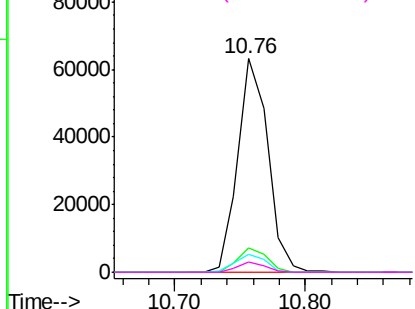
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF077031.D
Acq: 23 Jan 2015 4:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	102011
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.1 12.1
54	8.6	7.0 10.4
68	4.9	3.7 5.5

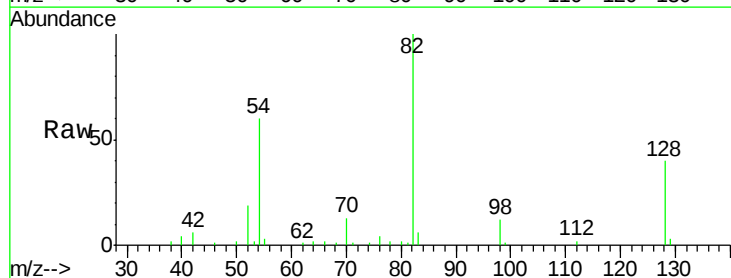


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

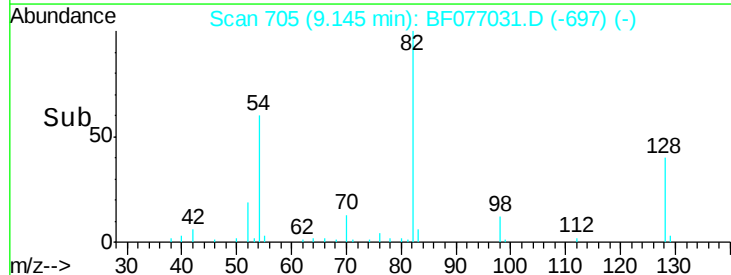
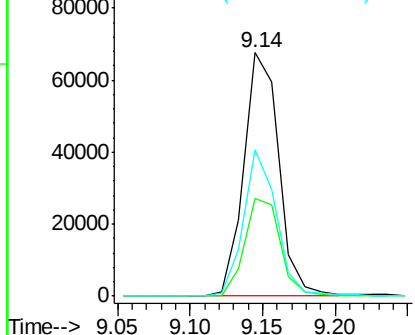


#23
Nitrobenzene-d5
Concen: 61.42 ng
RT: 9.14 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF077031.D
Acq: 23 Jan 2015 4:34

Tgt Ion: 82	Resp:	113086
Ion	Ratio	Lower Upper
82	100	
128	40.1	33.1 49.7
54	60.3	48.3 72.5



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

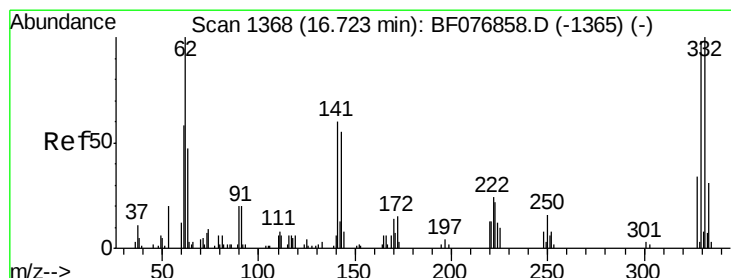
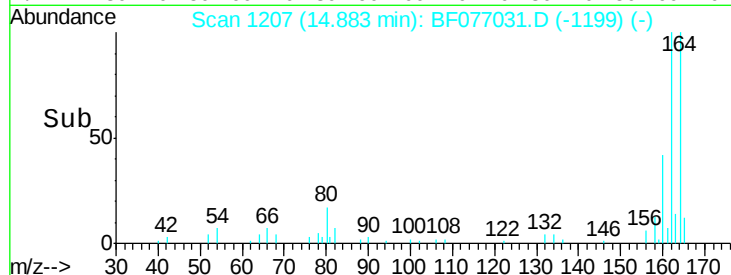
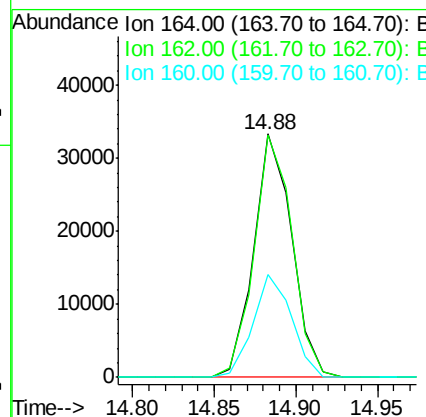
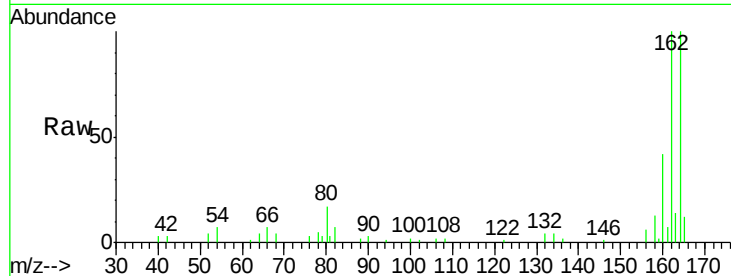




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF077031.D
Acq: 23 Jan 2015 4:34

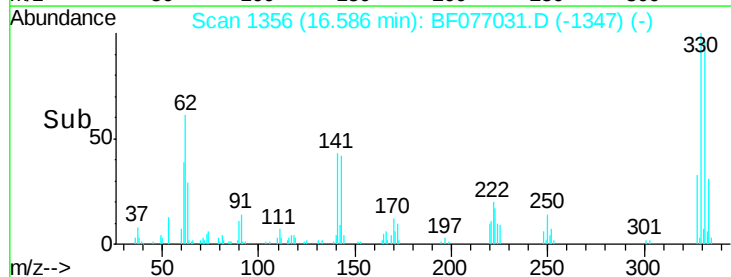
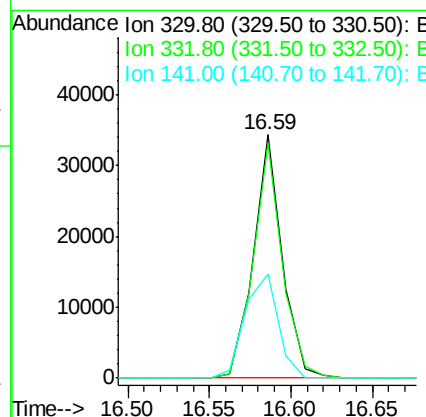
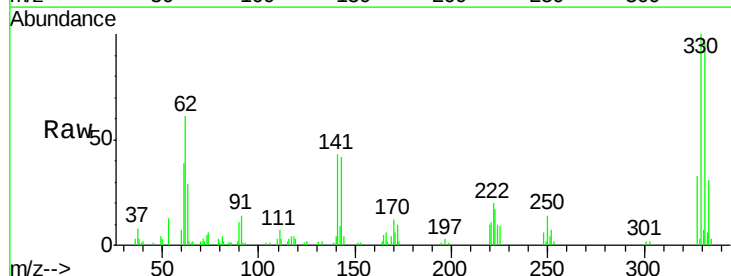
Instrument :
BNA_F
ClientSampleId :

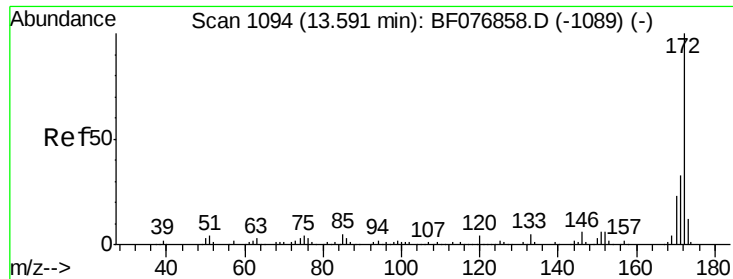
Tot Ion:164 Resp: 54055
Ion Ratio Lower Upper
164 100
162 99.7 82.4 123.6
160 42.4 34.8 52.2



#41
2,4,6-Tribromophenol
Concen: 95.71 ng
RT: 16.59 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF077031.D
Acq: 23 Jan 2015 4:34

Tgt Ion:330 Resp: 41997
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.6
141 48.9 38.5 57.7

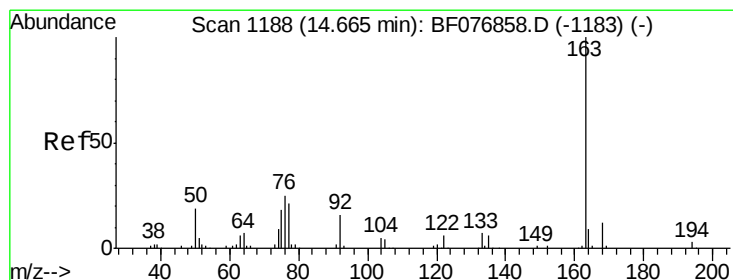
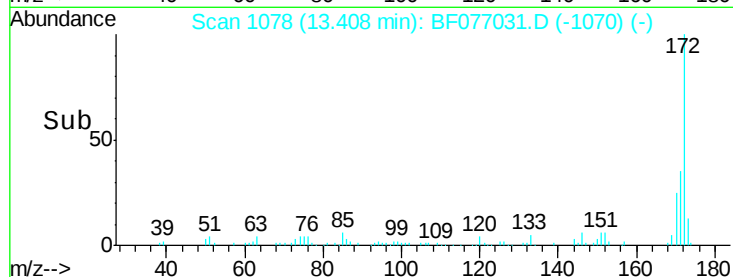
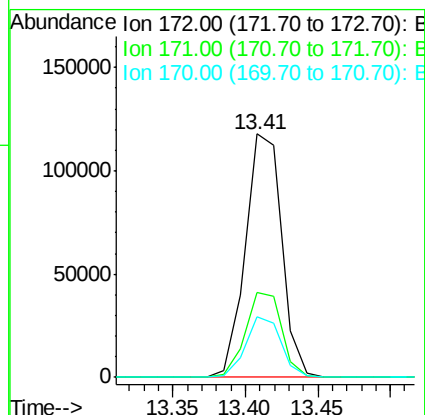
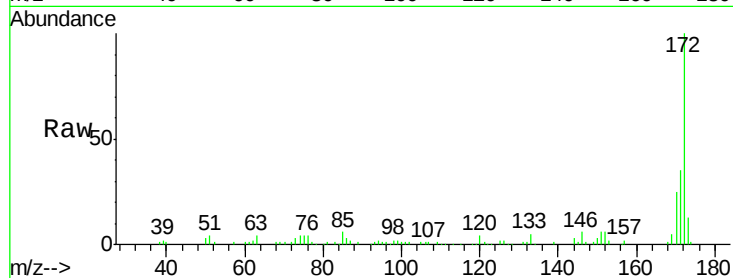




#44
2-Fluorobiphenyl
Concen: 57.69 ng
RT: 13.41 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BF077031.D
Acq: 23 Jan 2015 4:34

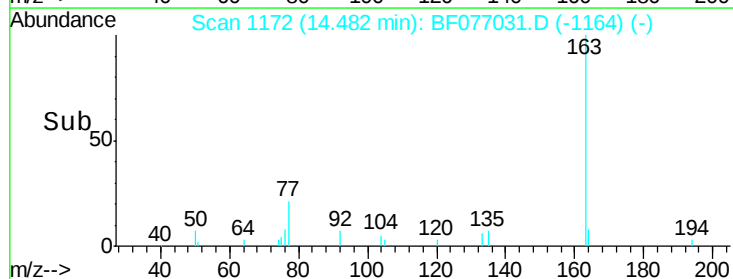
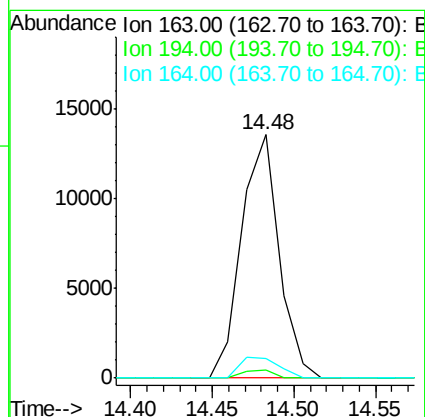
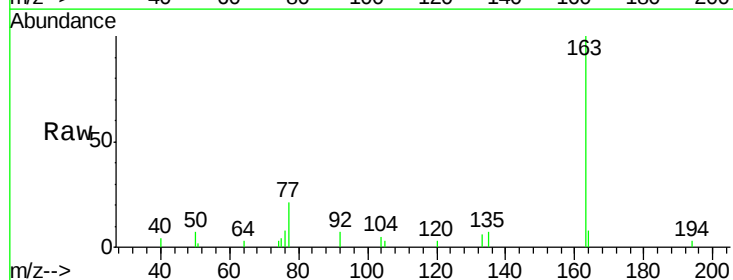
Instrument :
BNA_F
ClientSampleId :

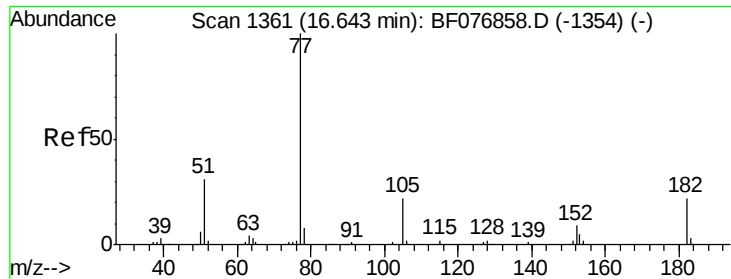
Tot Ion:172 Resp: 204932
Ion Ratio Lower Upper
172 100
171 35.0 26.6 40.0
170 24.7 18.0 27.0



#49
Dimethylphthalate
Concen: 5.65 ng
RT: 14.48 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF077031.D
Acq: 23 Jan 2015 4:34

Tgt Ion:163 Resp: 21673
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 8.3 7.5 11.3





#62

Azobenzene

Concen: 4.46 ng

RT: 16.53 min Scan# 1351

Delta R.T. 0.02 min

Lab File: BF077031.D

Acq: 23 Jan 2015 4:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 18012

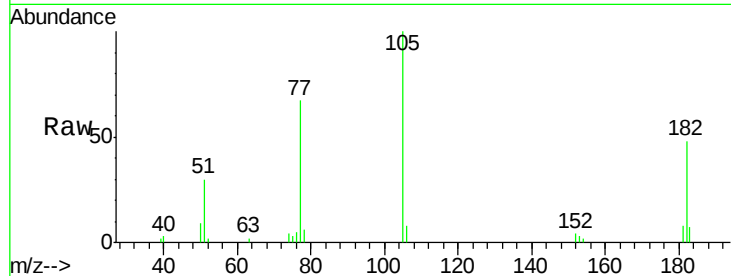
Ion Ratio Lower Upper

77 100

182 71.1 2.0 42.0#

105 148.3 2.3 42.3#

51 44.4 10.7 50.7

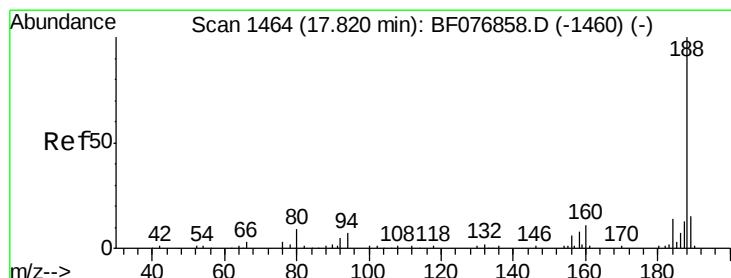
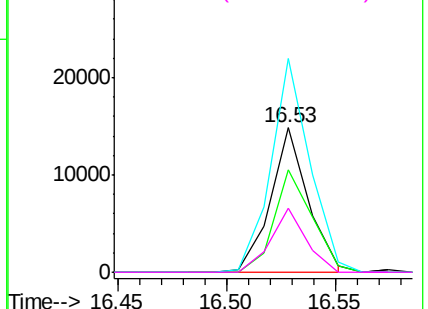
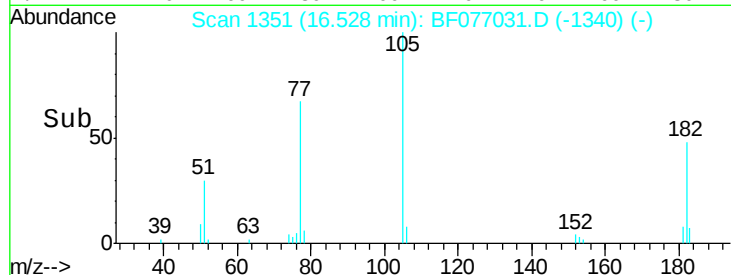


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.69 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF077031.D

Acq: 23 Jan 2015 4:34

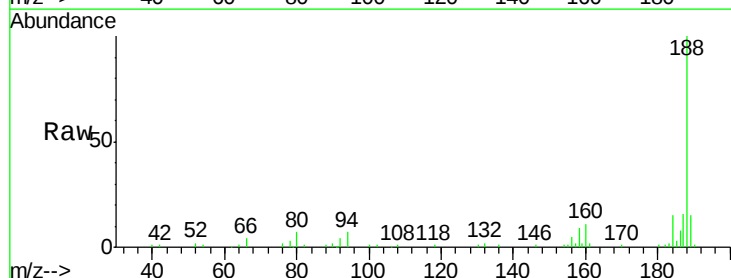
Tgt Ion: 188 Resp: 90044

Ion Ratio Lower Upper

188 100

94 7.5 6.0 9.0

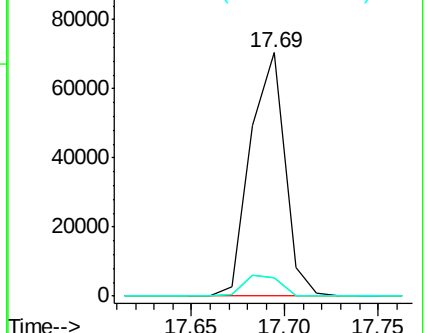
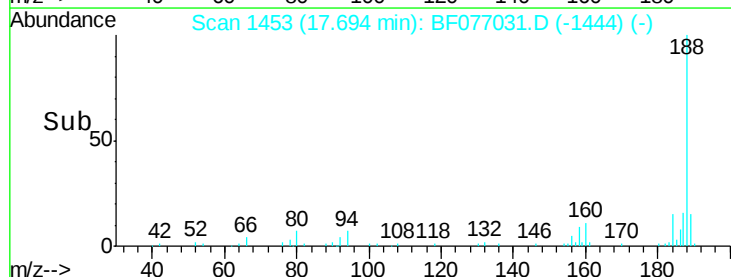
80 7.4 6.9 10.3

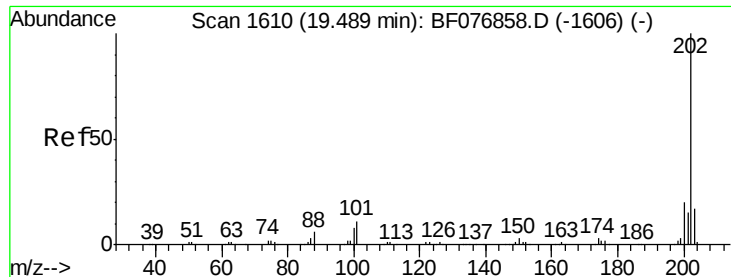


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

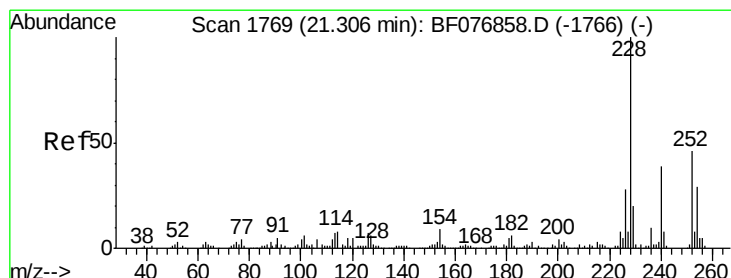
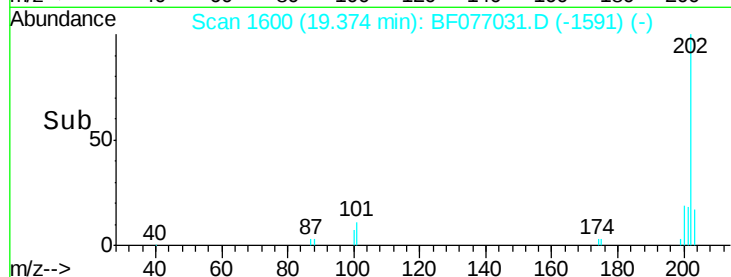
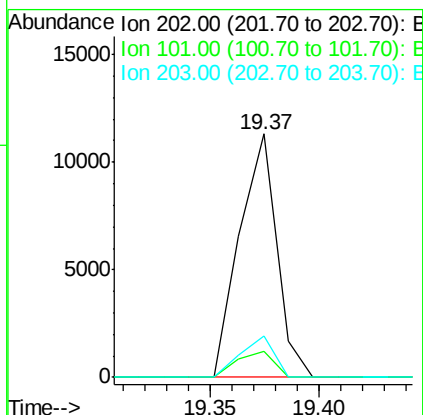
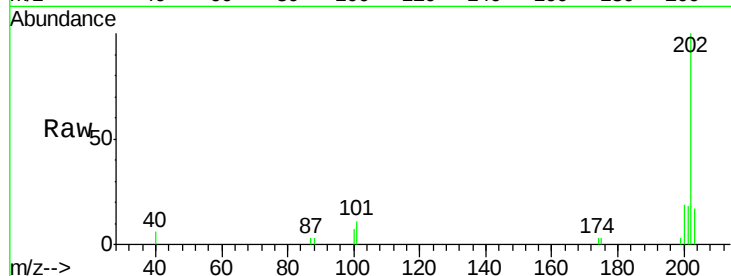




#74
 Fluoranthene
 Concen: 2.33 ng
 RT: 19.37 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF077031.D
 Acq: 23 Jan 2015 4:34

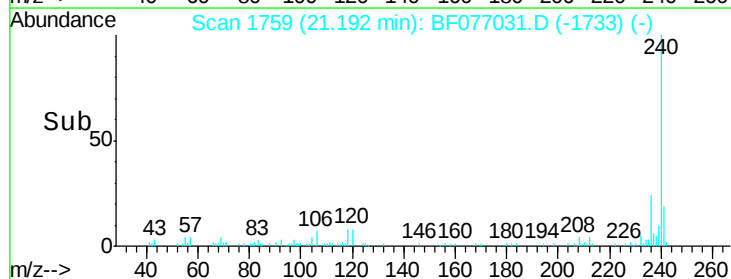
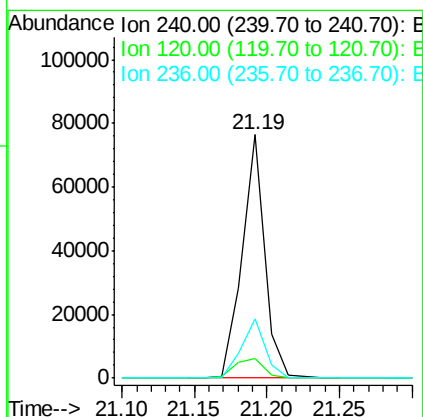
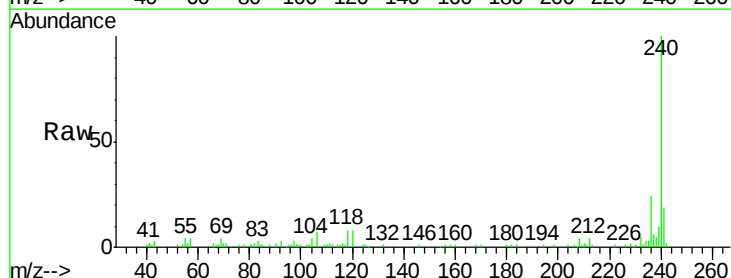
Instrument :
 BNA_F
 ClientSampleId :

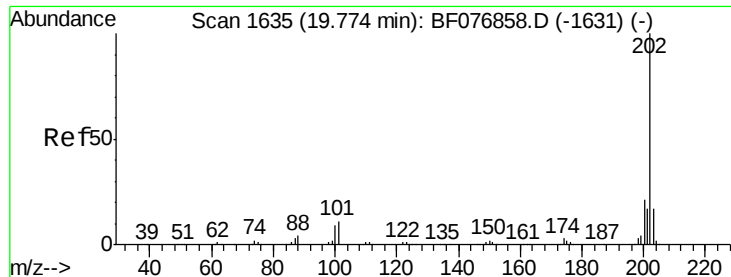
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.7
203	17.1	0.0	36.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.19 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BF077031.D
 Acq: 23 Jan 2015 4:34

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.0	10.4	15.6#
236	24.5	20.2	30.2

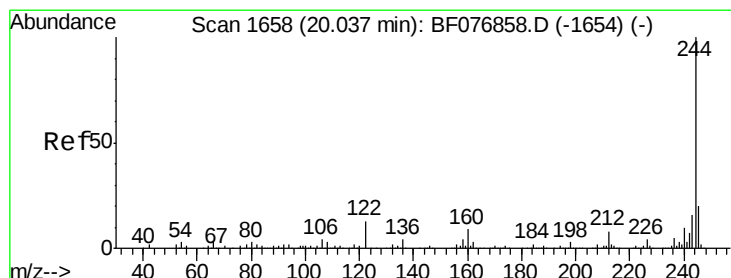
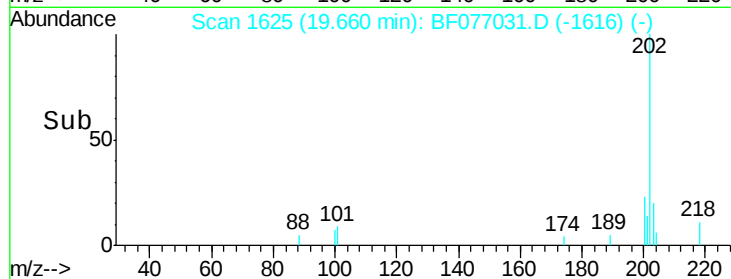
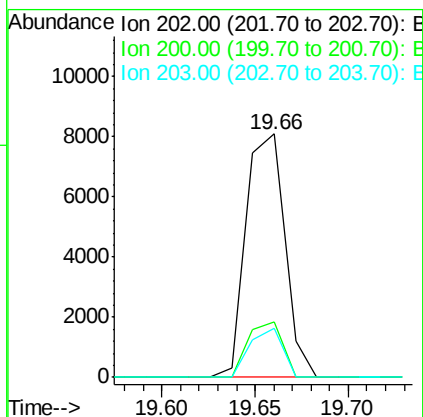
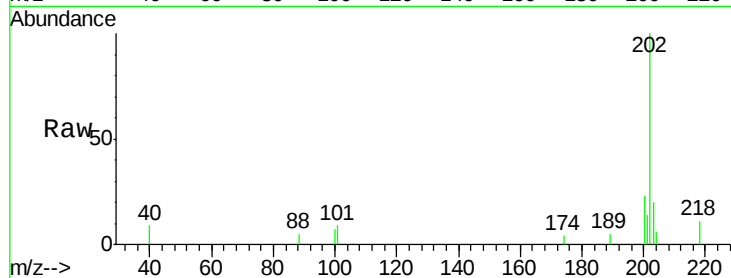




#77
 Pvrene
 Concen: 2.07 ng
 RT: 19.66 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF077031.D
 Acq: 23 Jan 2015 4:34

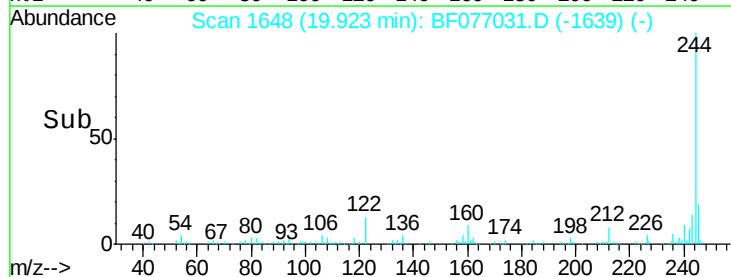
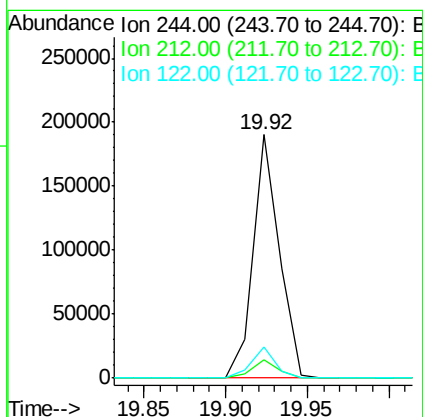
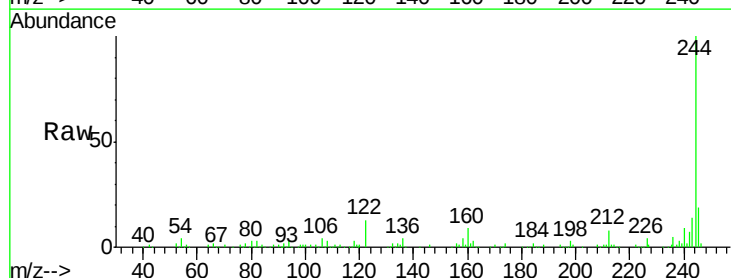
Instrument :
 BNA_F
 ClientSampleId :

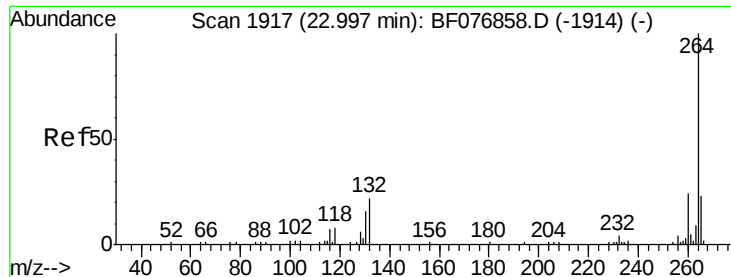
Tot Ion:202 Resp: 11714
 Ion Ratio Lower Upper
 202 100
 200 22.9 16.7 25.1
 203 20.1 14.0 21.0



#78
 Terphenyl-d14
 Concen: 58.88 ng
 RT: 19.92 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BF077031.D
 Acq: 23 Jan 2015 4:34

Tgt Ion:244 Resp: 211559
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 12.9 10.1 15.1



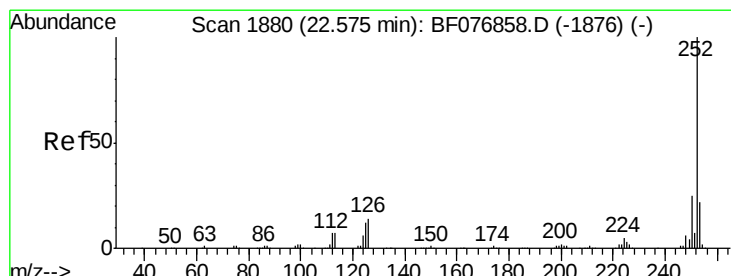
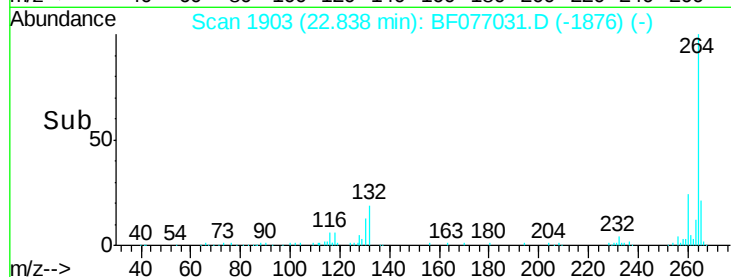
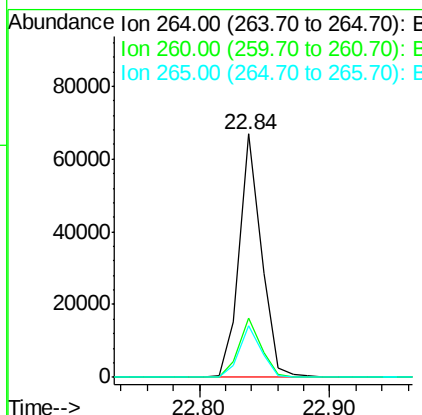
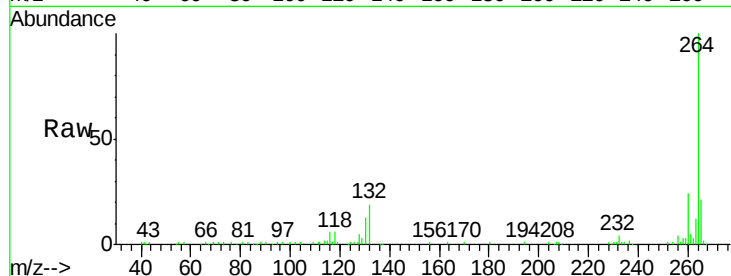


#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.84 min Scan# 1903
Delta R.T. 0.01 min
Lab File: BF077031.D
Acq: 23 Jan 2015 4:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 78967

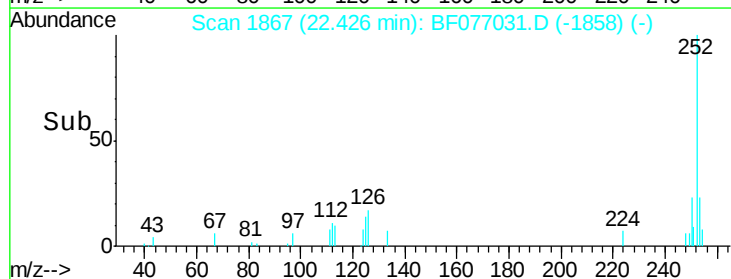
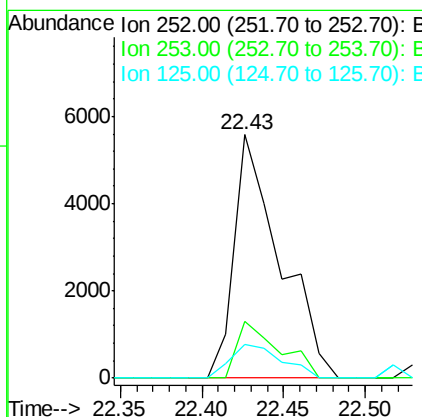
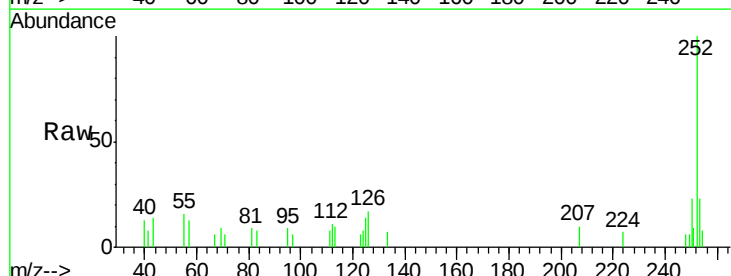
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.4
265	21.4	18.1	27.1

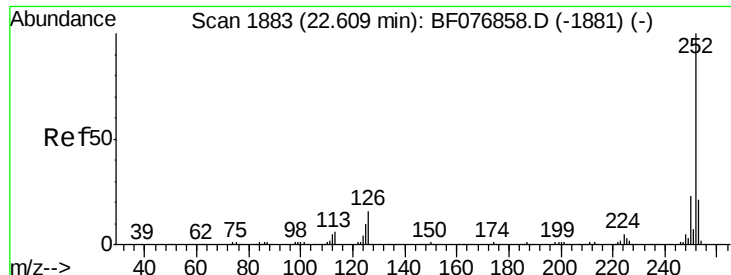


#87
Benzo(b)fluoranthene
Concen: 2.04 ng
RT: 22.43 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BF077031.D
Acq: 23 Jan 2015 4:34

Tgt Ion:252 Resp: 10829

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	13.8	9.4	14.0





#88

Benzo(k)fluoranthene

Concen: 2.33 ng

RT: 22.43 min Scan# 1867

Delta R.T. -0.02 min

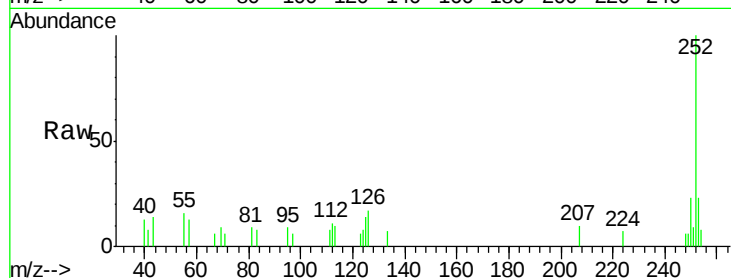
Lab File: BF077031.D

Acq: 23 Jan 2015 4:34

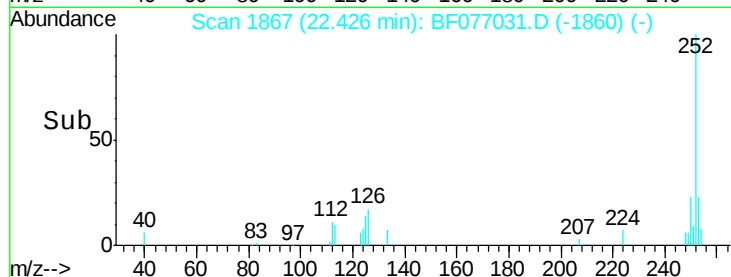
Instrument :

BNA_F

ClientSampleId :



Tot Ion:	252	Resp:	10829
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	13.8	7.1	10.7#



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

