

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070715\
 Data File : BF080377.D
 Acq On : 7 Jul 2015 18:00
 Operator : TP/UM
 Sample : G2746-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PX4

Quant Time: Jul 08 02:13:05 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 03:05:40 2015
 Response via : Initial Calibration

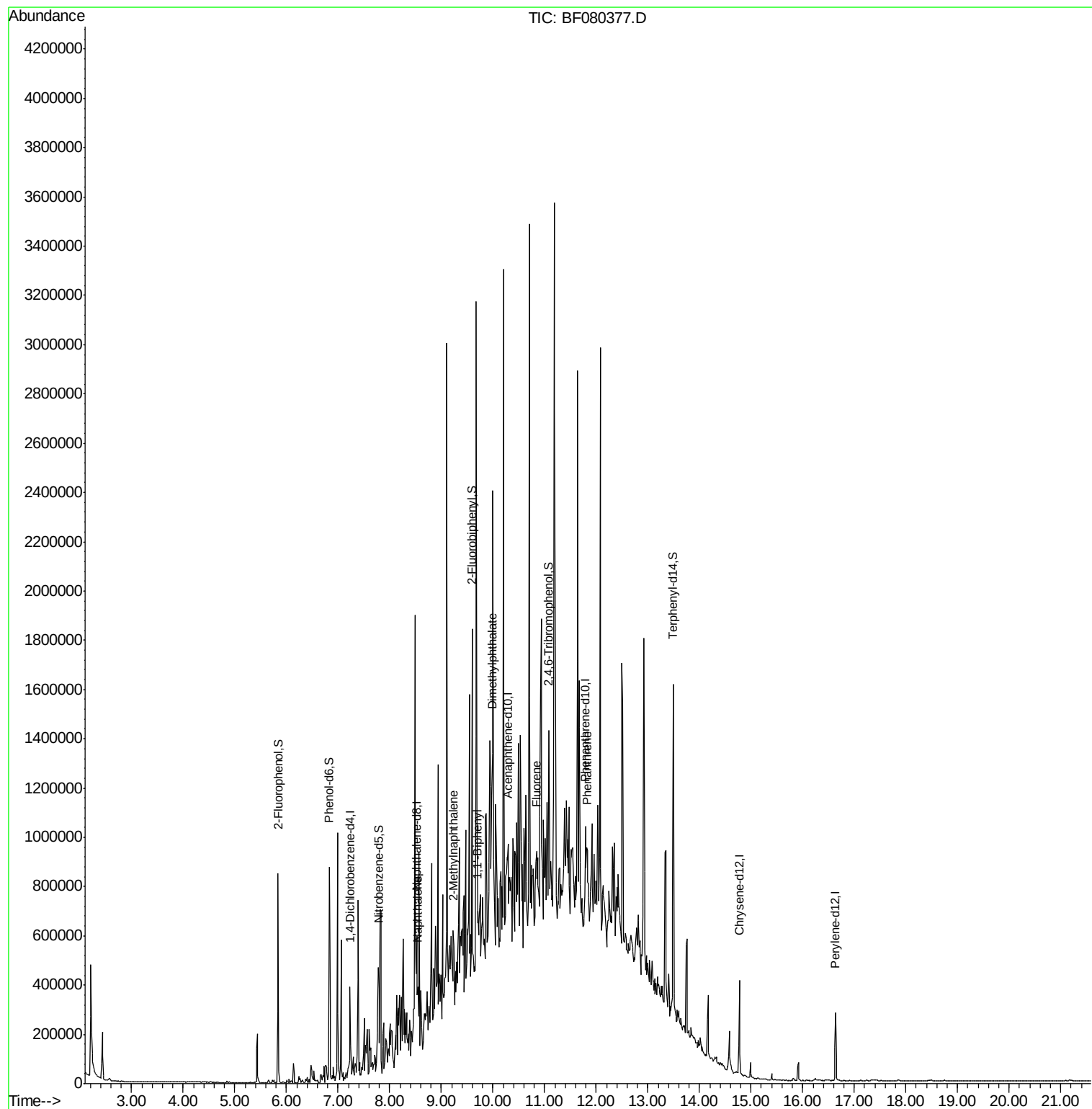
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	35354	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	134707	20.00	ng	0.00
38) Acenaphthene-d10	10.29	164	70316	20.00	ng	0.00
63) Phenanthrene-d10	11.79	188	129843	20.00	ng	0.00
75) Chrysene-d12	14.77	240	149209	20.00	ng	0.03
86) Perylene-d12	16.64	264	145421	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	231903	120.13	ng	0.00
7) Phenol-d6	6.83	99	292127	114.17	ng	0.00
23) Nitrobenzene-d5	7.78	82	168039	72.76	ng	-0.01
41) 2,4,6-Tribromophenol	11.08	330	72470	98.50	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	373586	71.70	ng	0.00
78) Terphenyl-d14	13.49	244	438331	68.52	ng	0.02
Target Compounds						
31) Naphthalene	8.54	128	40570	5.87	ng	Qvalue # 84
37) 2-Methylnaphthalene	9.24	142	117767	26.73	ng	99
45) 1,1'-Biphenyl	9.70	154	25817	4.14	ng	98
49) Dimethylphthalate	9.98	163	96111	17.02	ng	99
57) Fluorene	10.84	166	27068	4.66	ng	# 74
70) Phenanthrene	11.83	178	100411	12.89	ng	# 93

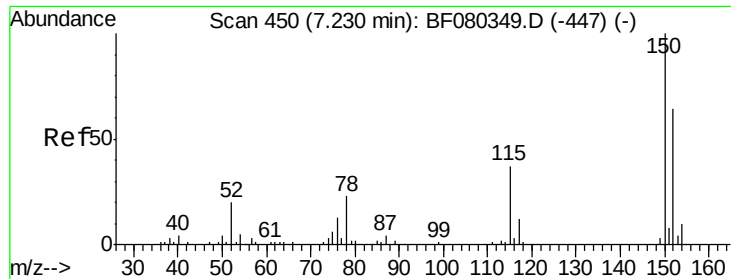
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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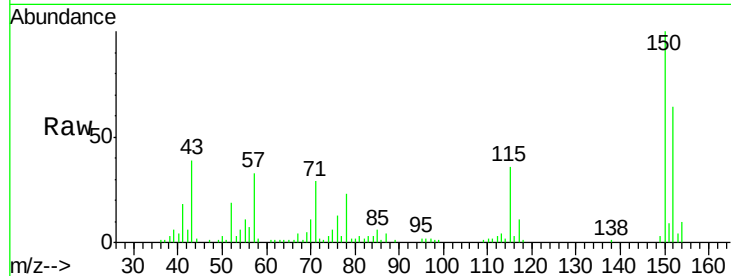


#1

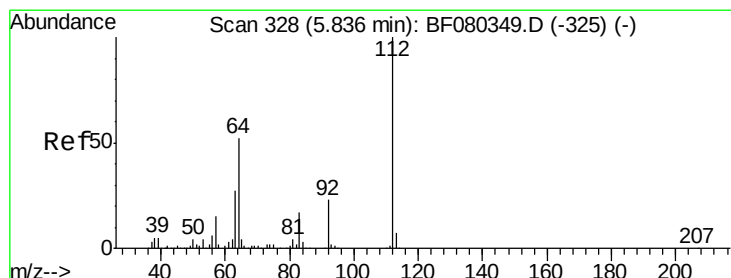
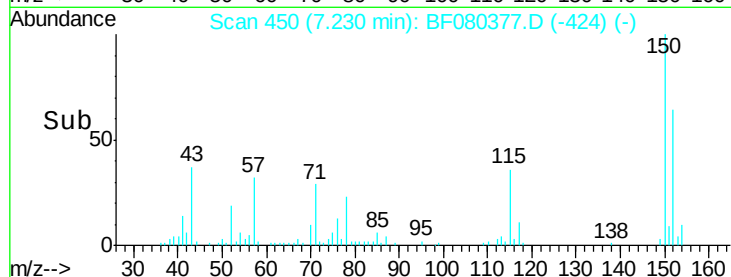
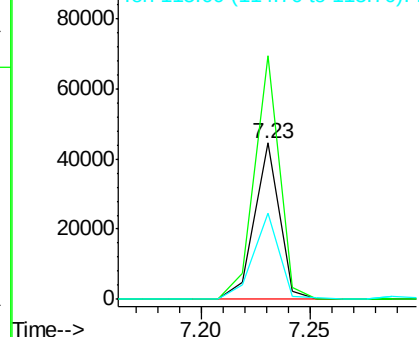
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF080377.D
Acq: 7 Jul 2015 18:00

Instrument :
BNA_F
ClientSampleId :
PX4

Tgt Ion:152 Resp: 35354
Ion Ratio Lower Upper
152 100
150 156.1 124.7 187.1
115 55.4 45.7 68.5



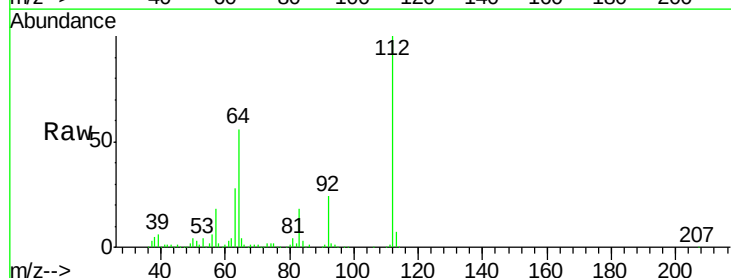
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



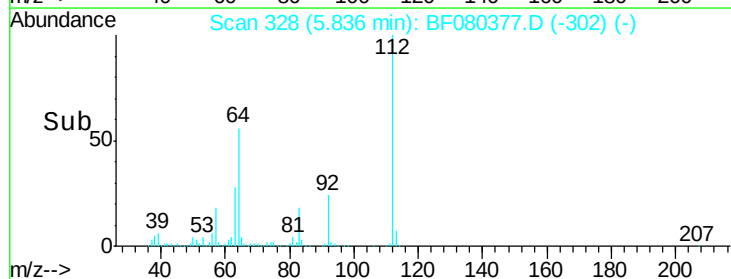
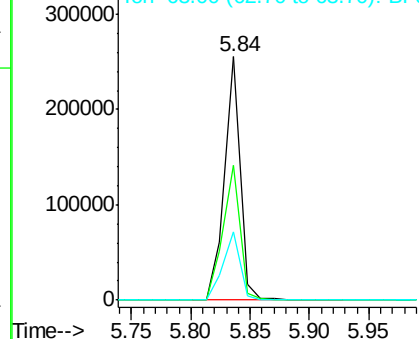
#5

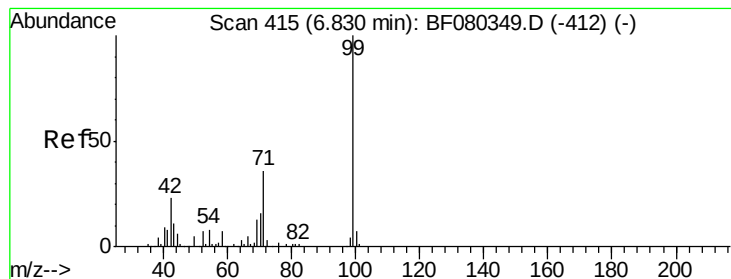
2-Fluorophenol
Concen: 120.13 ng
RT: 5.84 min Scan# 328
Delta R.T. 0.00 min
Lab File: BF080377.D
Acq: 7 Jul 2015 18:00

Tgt Ion:112 Resp: 231903
Ion Ratio Lower Upper
112 100
64 55.6 41.8 62.6
63 27.8 21.5 32.3



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: 114.17 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF080377.D

Acq: 7 Jul 2015 18:00

Instrument :

BNA_F

ClientSampleId :

PX4

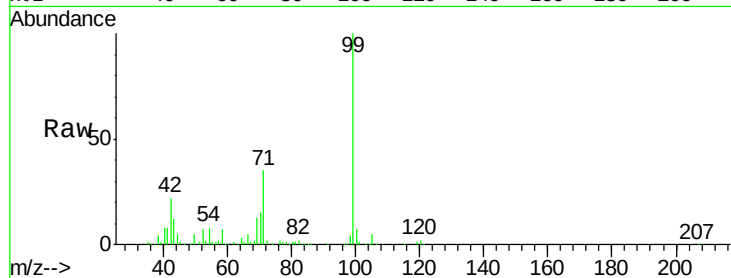
Tgt Ion: 99 Resp: 292127

Ion Ratio Lower Upper

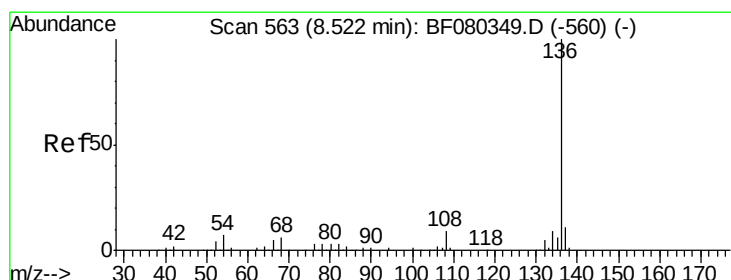
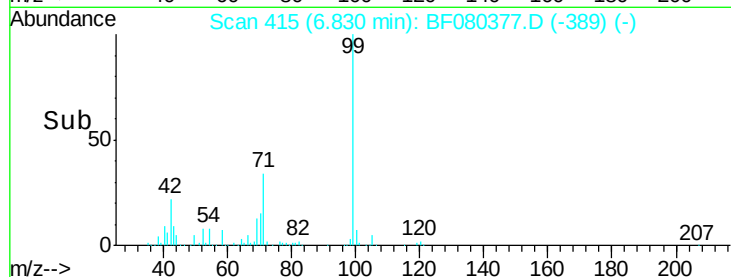
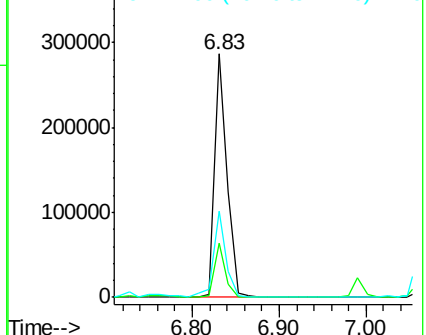
99 100

42 22.3 18.5 27.7

71 35.2 28.5 42.7



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: 8.52 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF080377.D

Acq: 7 Jul 2015 18:00

Tgt Ion: 136 Resp: 134707

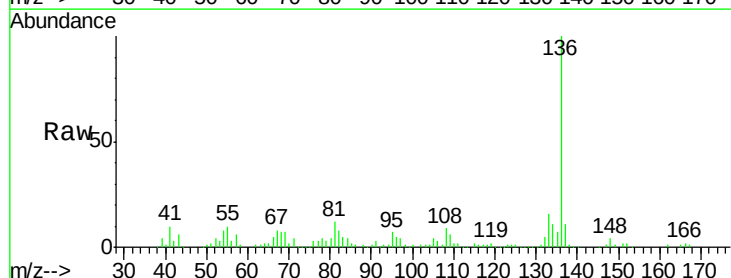
Ion Ratio Lower Upper

136 100

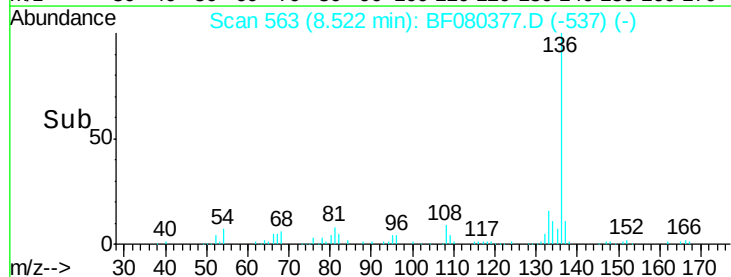
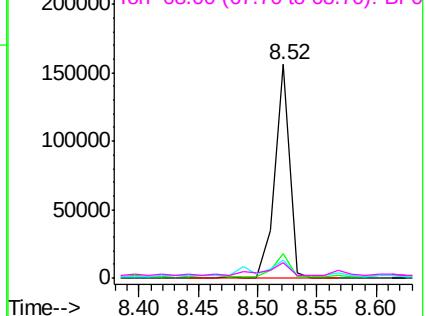
137 11.2 8.5 12.7

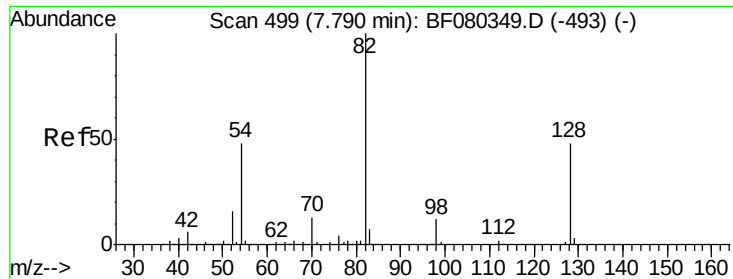
54 8.3 5.8 8.8

68 7.3 4.6 6.8#



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

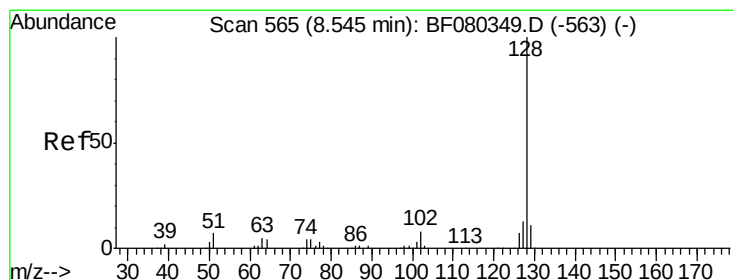
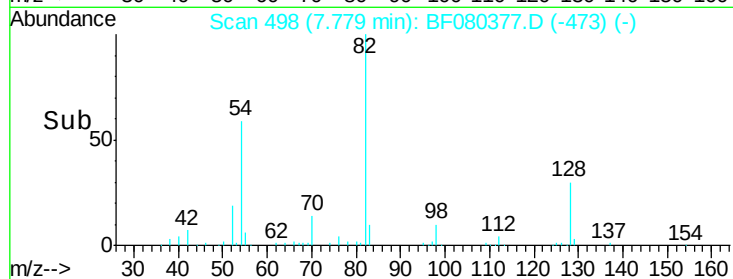
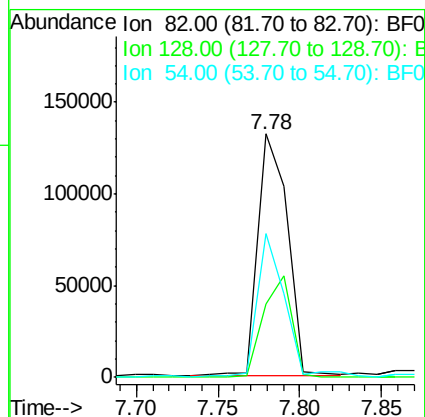
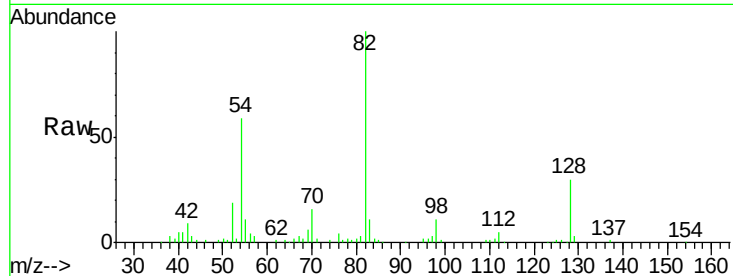




#23
Nitrobenzene-d5
Concen: 72.76 ng
RT: 7.78 min Scan# 498
Delta R.T. -0.01 min
Lab File: BF080377.D
Acq: 7 Jul 2015 18:00

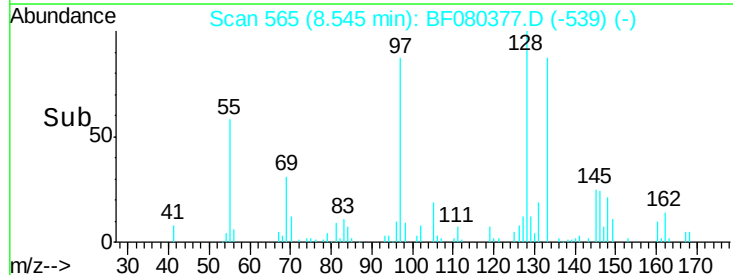
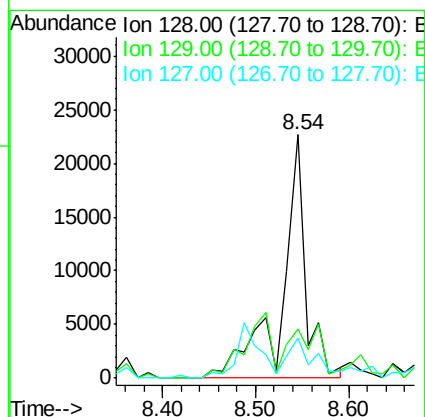
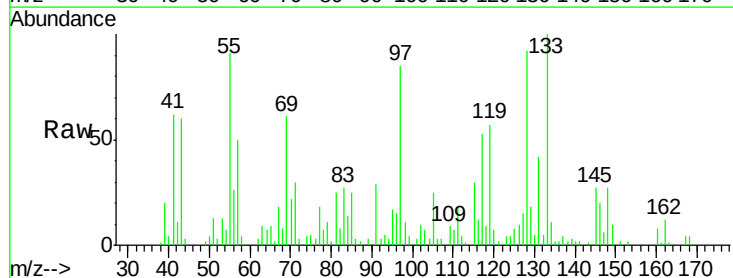
Instrument :
BNA_F
ClientSampleId :
PX4

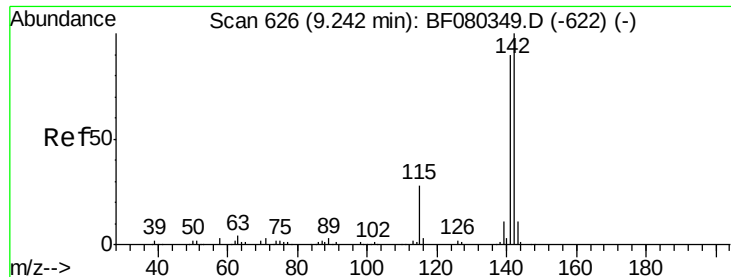
Tgt Ion: 82 Resp: 168039
Ion Ratio Lower Upper
82 100
128 29.9 38.4 57.6#
54 59.1 38.2 57.2#



#31
Naphthalene
Concen: 5.87 ng
RT: 8.54 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF080377.D
Acq: 7 Jul 2015 18:00

Tgt Ion: 128 Resp: 40570
Ion Ratio Lower Upper
128 100
129 20.0 8.8 13.2#
127 16.7 10.4 15.6#

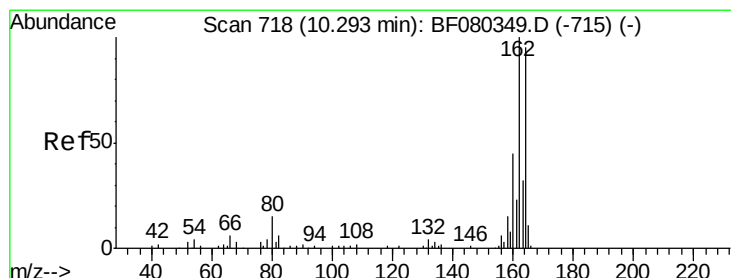
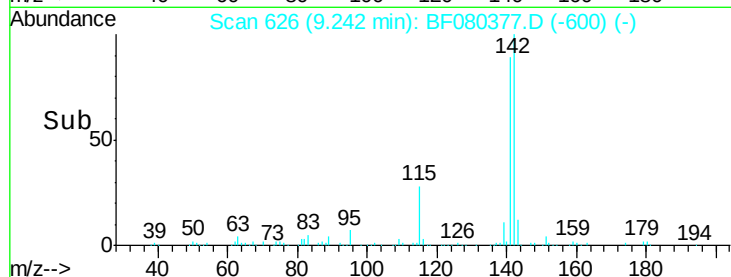
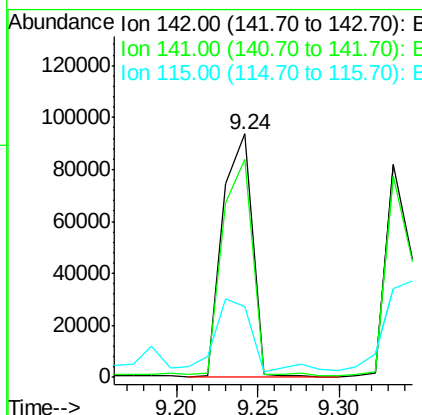
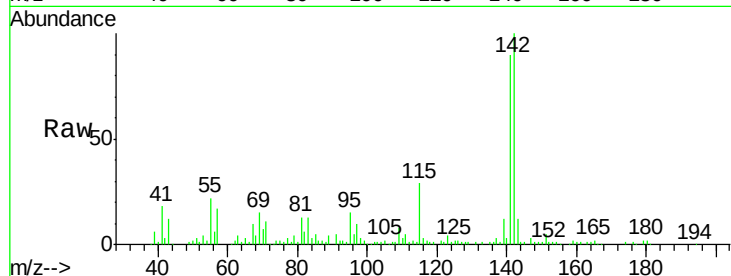




#37
 2-Methylnaphthalene
 Concen: 26.73 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF080377.D
 Acq: 7 Jul 2015 18:00

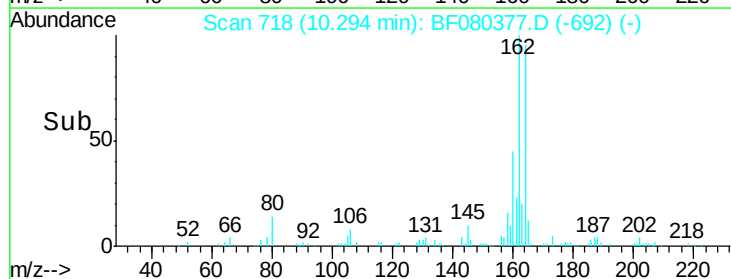
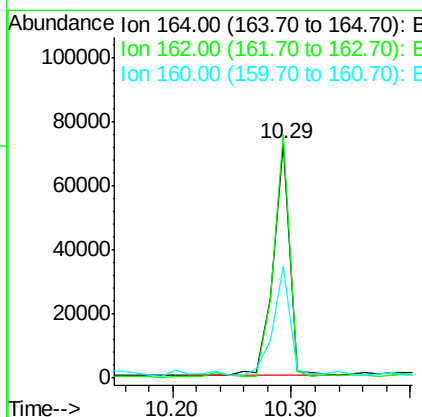
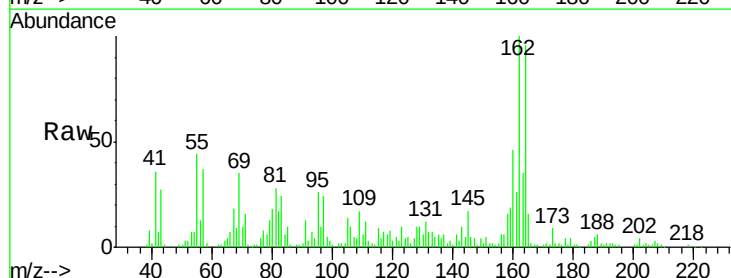
Instrument :
 BNA_F
 ClientSampleId :
 PX4

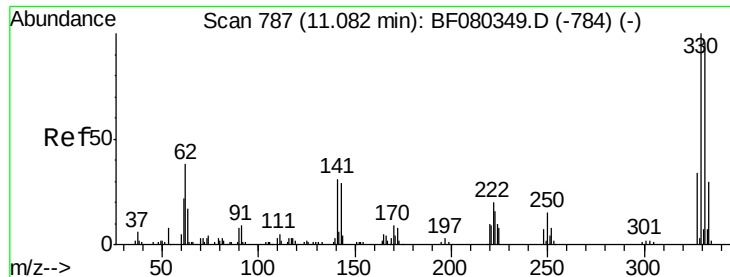
Tgt Ion:142 Resp: 117767
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.8 107.8
 115 29.3 22.6 34.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.29 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF080377.D
 Acq: 7 Jul 2015 18:00

Tgt Ion:164 Resp: 70316
 Ion Ratio Lower Upper
 164 100
 162 103.8 84.5 126.7
 160 47.5 37.7 56.5

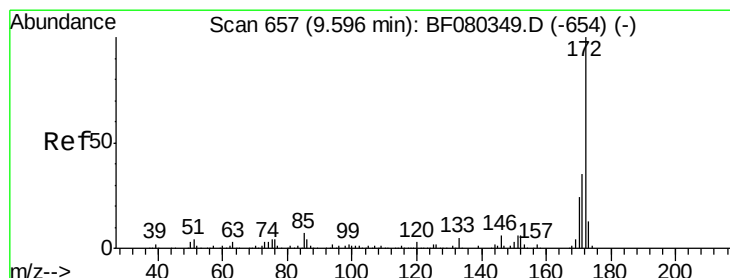
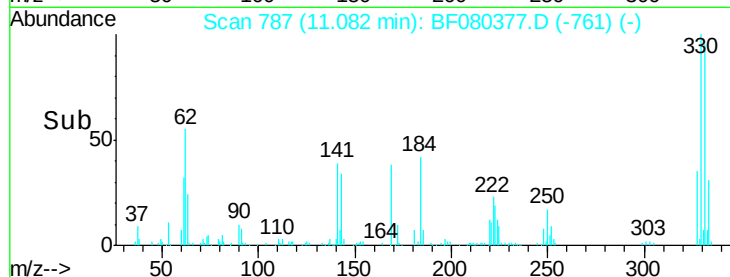
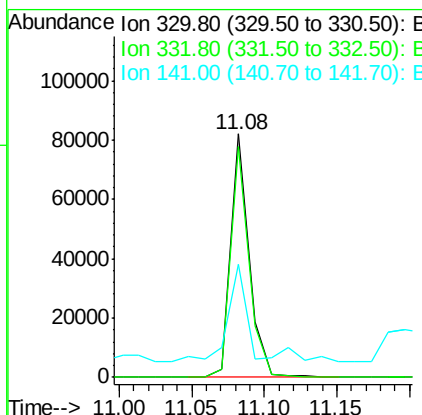
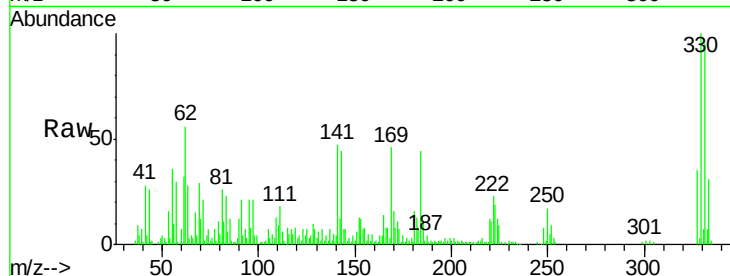




#41
 2,4,6-Tribromophenol
 Concen: 98.50 ng
 RT: 11.08 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF080377.D
 Acq: 7 Jul 2015 18:00

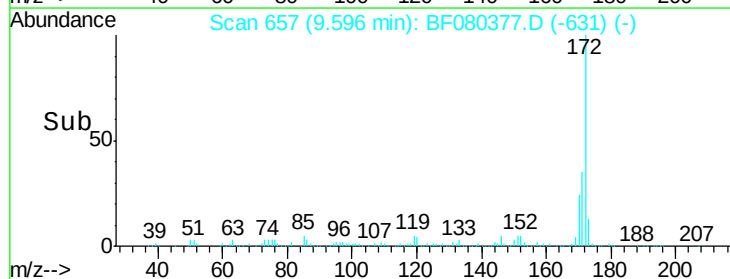
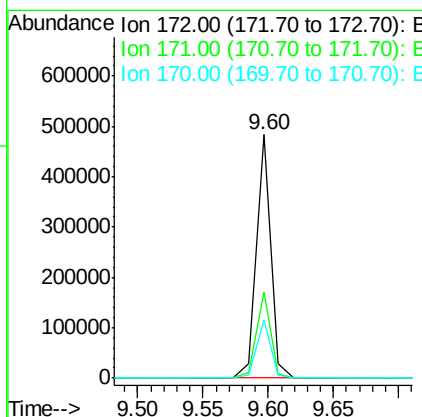
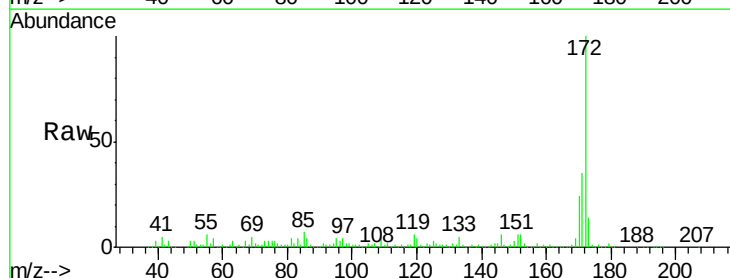
Instrument :
 BNA_F
 ClientSampleId :
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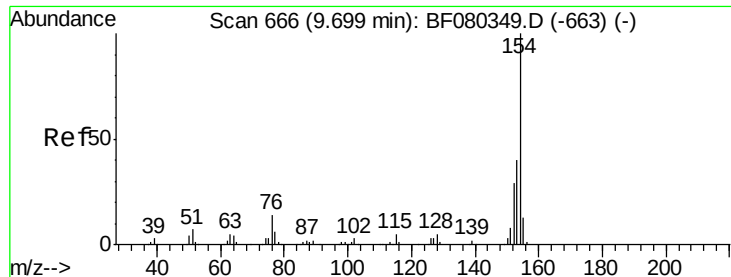
Tgt Ion:330 Resp: 72470
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.0 115.4
 141 42.0 29.6 44.4



#44
 2-Fluorobiphenyl
 Concen: 71.70 ng
 RT: 9.60 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF080377.D
 Acq: 7 Jul 2015 18:00

Tgt Ion:172 Resp: 373586
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.3 42.5
 170 23.9 19.1 28.7





#45

1,1'-Biphenyl

Concen: 4.14 ng

RT: 9.70 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF080377.D

Acq: 7 Jul 2015 18:00

Instrument :

BNA_F

ClientSampleId :

PX4

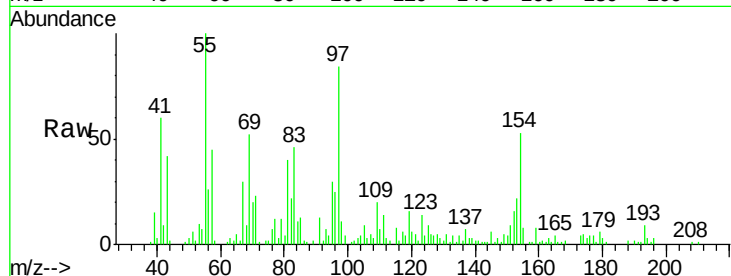
Tgt Ion:154 Resp: 25817

Ion Ratio Lower Upper

154 100

153 41.2 19.8 59.8

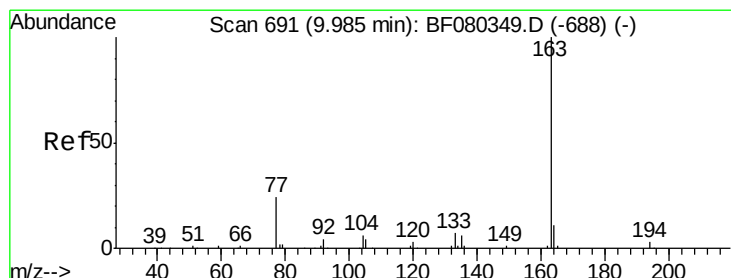
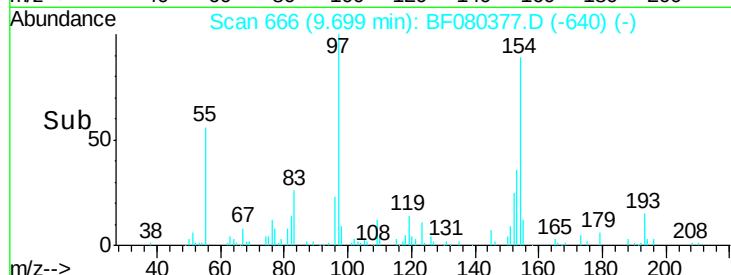
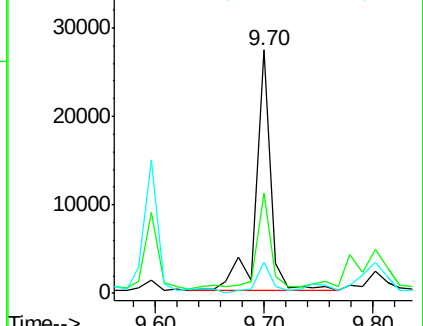
76 12.7 0.0 33.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#49

Dimethylphthalate

Concen: 17.02 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF080377.D

Acq: 7 Jul 2015 18:00

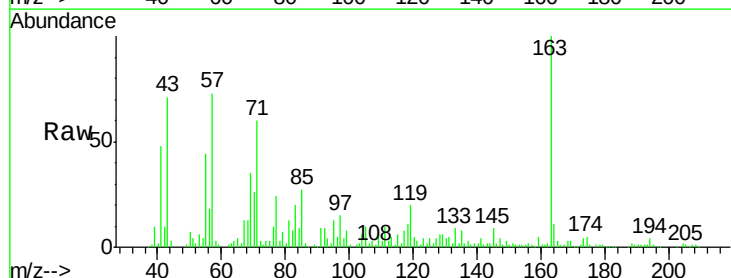
Tgt Ion:163 Resp: 96111

Ion Ratio Lower Upper

163 100

194 3.8 2.6 3.8

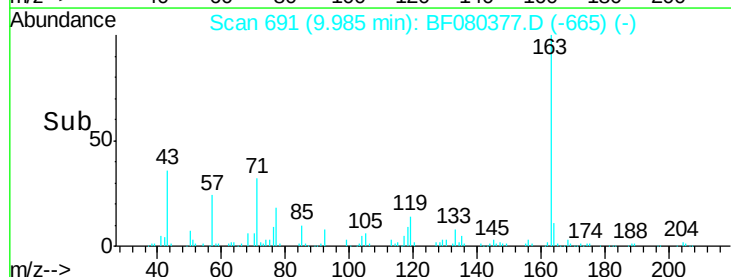
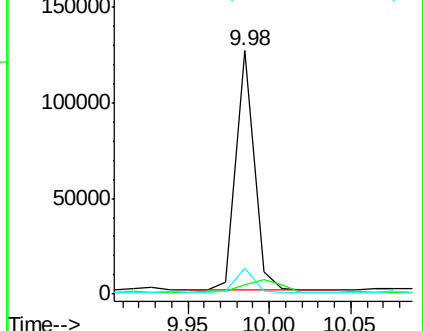
164 10.9 8.5 12.7

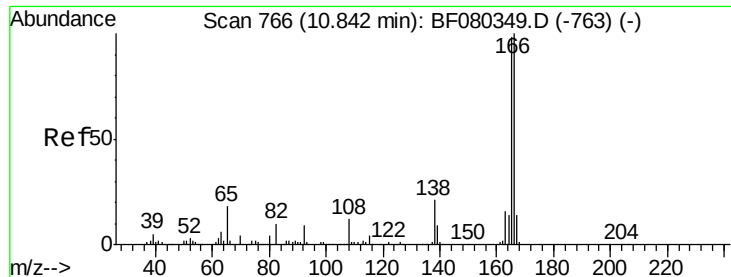


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

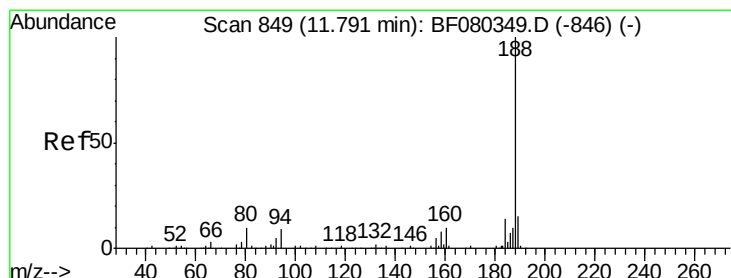
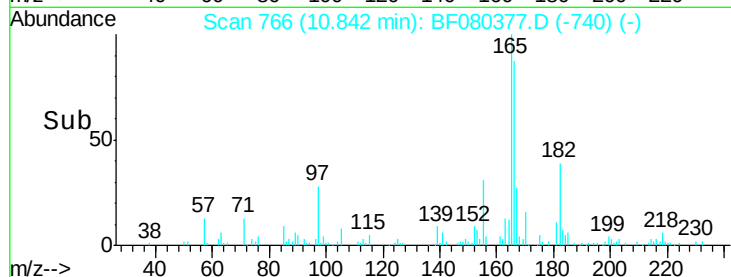
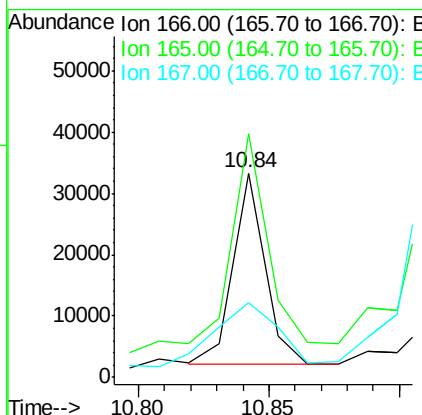
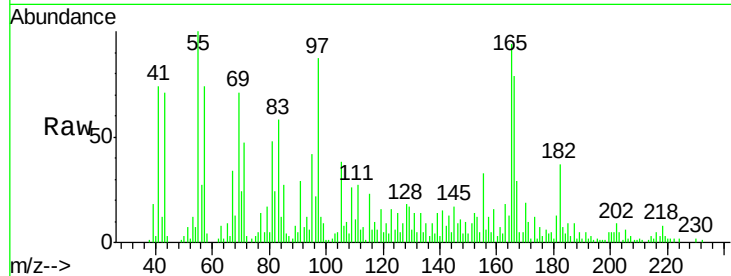




#57
 Fluorene
 Concen: 4.66 ng
 RT: 10.84 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF080377.D
 Acq: 7 Jul 2015 18:00

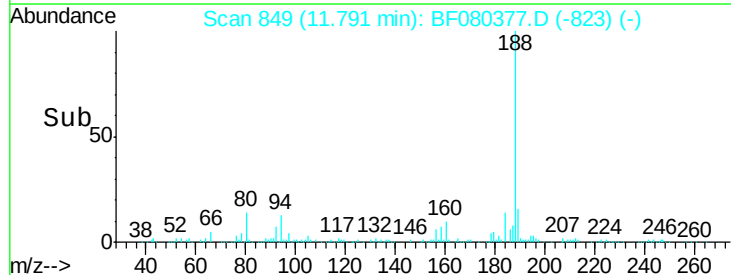
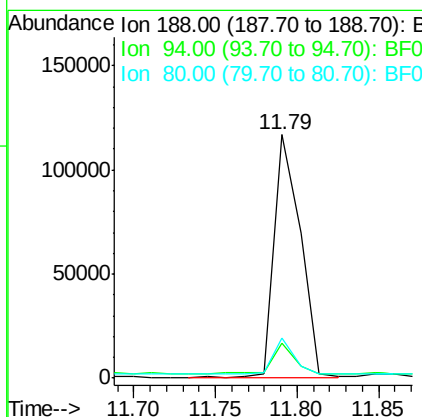
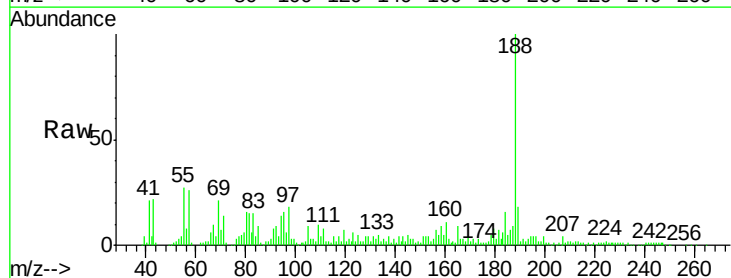
Instrument :
 BNA_F
 ClientSampleId :
 PX4

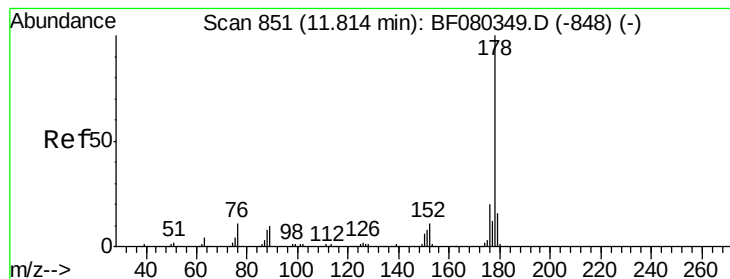
Tgt Ion:166 Resp: 27068
 Ion Ratio Lower Upper
 166 100
 165 119.3 78.6 117.8#
 167 36.4 10.8 16.2#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.79 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF080377.D
 Acq: 7 Jul 2015 18:00

Tgt Ion:188 Resp: 129843
 Ion Ratio Lower Upper
 188 100
 94 14.2 7.5 11.3#
 80 16.3 8.3 12.5#





#70

Phenanthrene

Concen: 12.89 ng

RT: 11.83 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF080377.D

Acq: 7 Jul 2015 18:00

Instrument :

BNA_F

ClientSampleId :

PX4

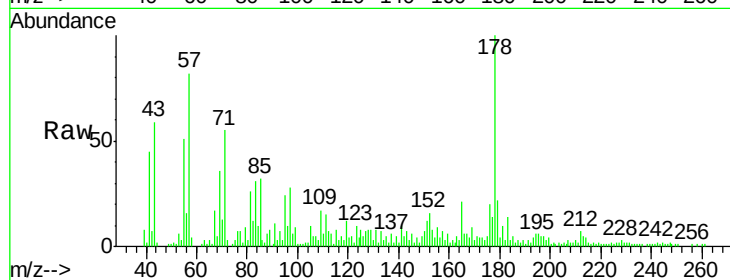
Tgt Ion:178 Resp: 100411

Ion Ratio Lower Upper

178 100

176 20.0 16.1 24.1

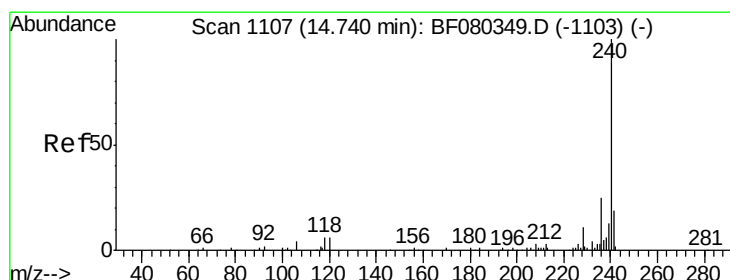
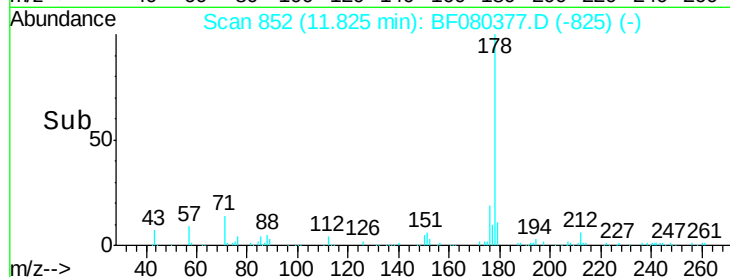
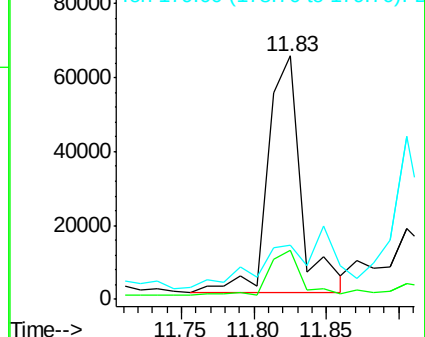
179 22.1 12.6 18.8#



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: 14.77 min Scan# 1110

Delta R.T. 0.03 min

Lab File: BF080377.D

Acq: 7 Jul 2015 18:00

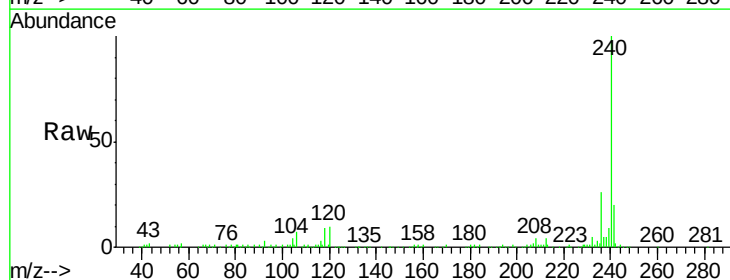
Tgt Ion:240 Resp: 149209

Ion Ratio Lower Upper

240 100

120 10.5 5.1 7.7#

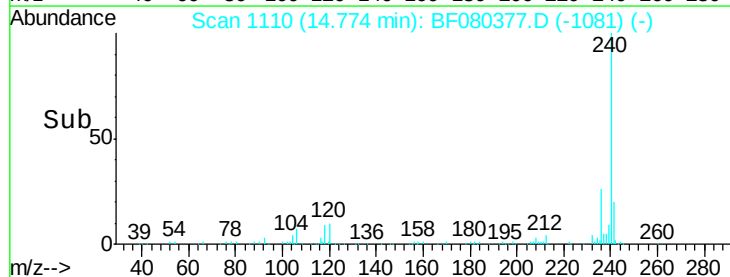
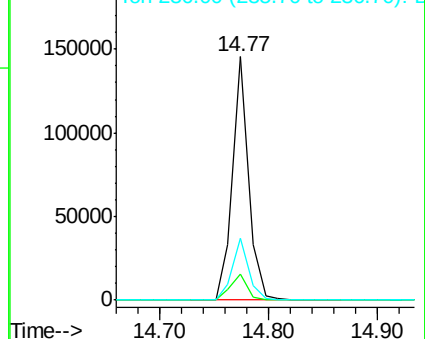
236 25.5 20.4 30.6

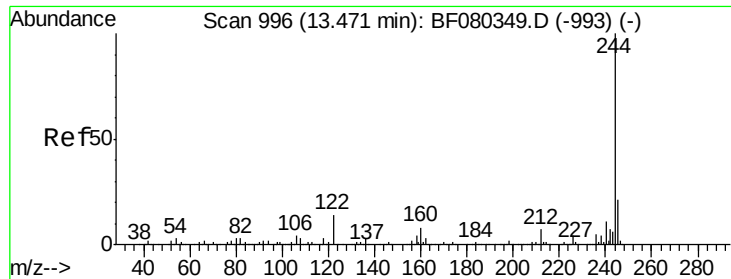


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 68.52 ng

RT: 13.49 min Scan# 998

Delta R.T. 0.02 min

Lab File: BF080377.D

Acq: 7 Jul 2015 18:00

Instrument :

BNA_F

ClientSampleId :

PX4

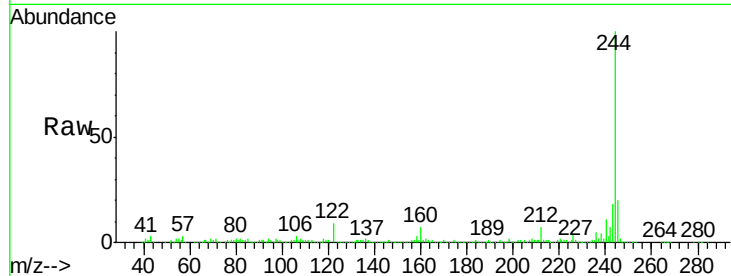
Tgt Ion:244 Resp: 438331

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

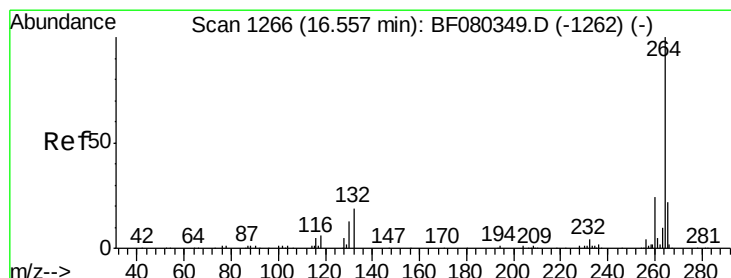
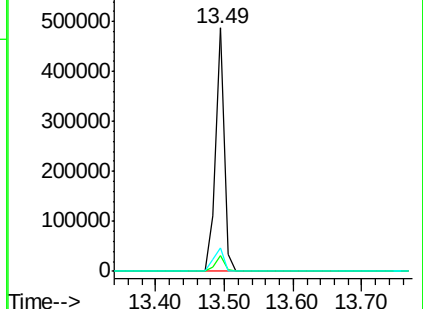
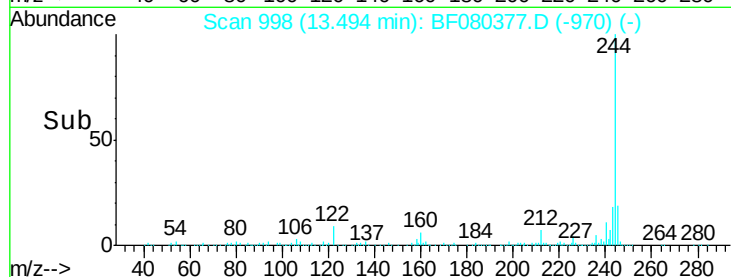
122 9.4 11.1 16.7#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.64 min Scan# 1273

Delta R.T. 0.08 min

Lab File: BF080377.D

Acq: 7 Jul 2015 18:00

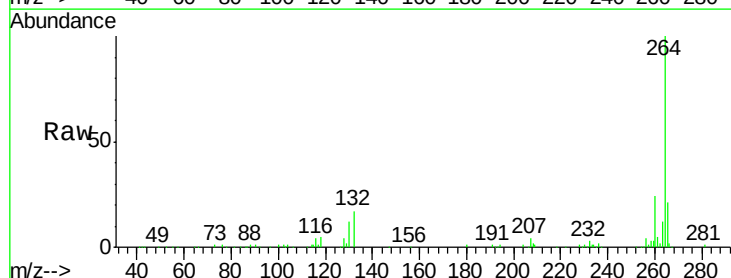
Tgt Ion:264 Resp: 145421

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.3 17.6 26.4



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

