

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070715\
 Data File : BF080382.D
 Acq On : 7 Jul 2015 20:28
 Operator : TP/UM
 Sample : G2732-04DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SDDL

Quant Time: Jul 08 03:13:10 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

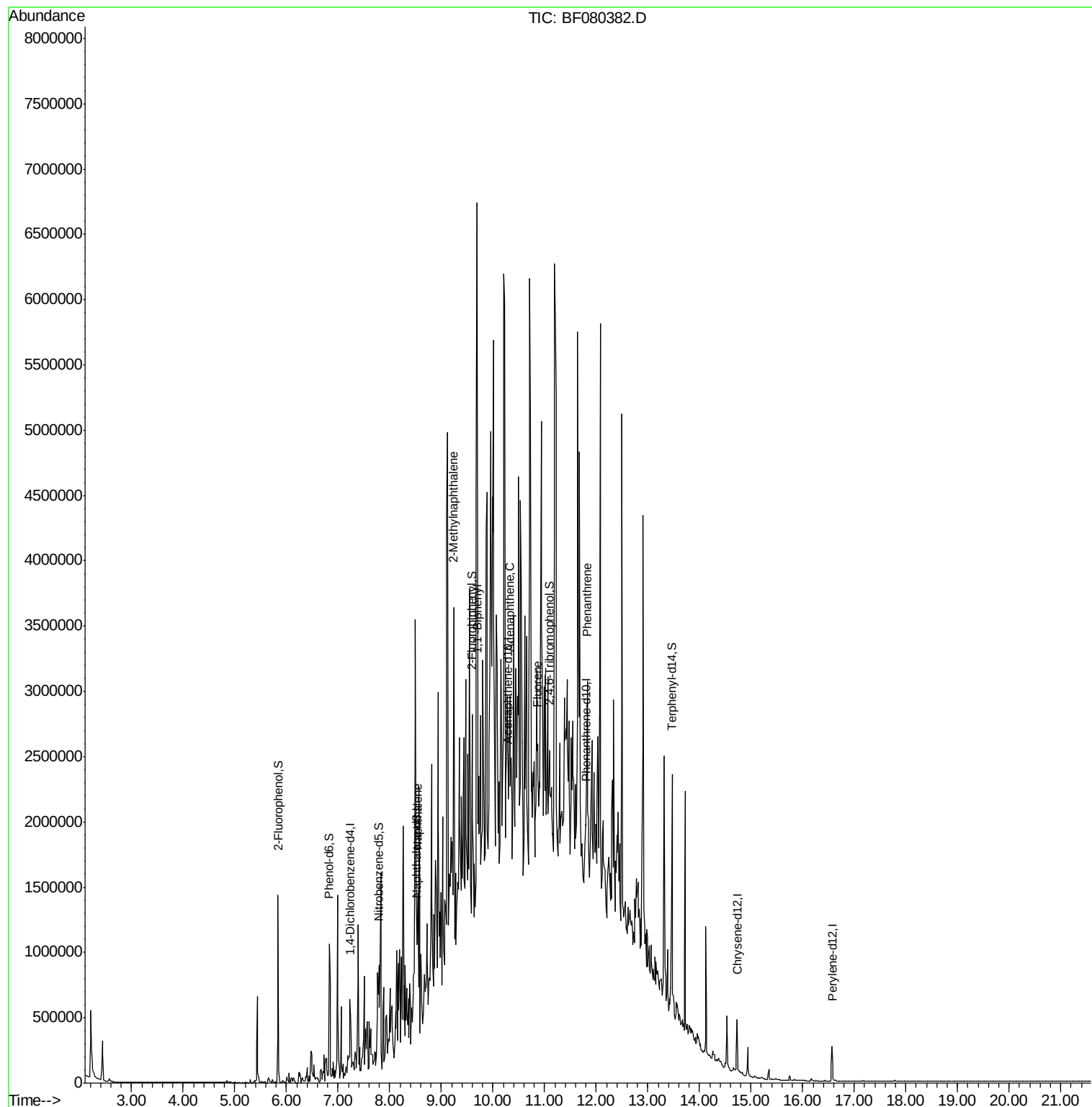
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	38313	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	145097	20.00	ng	0.00
38) Acenaphthene-d10	10.29	164	83665	20.00	ng	0.00
63) Phenanthrene-d10	11.80	188	124094	20.00	ng	0.01
75) Chrysene-d12	14.73	240	154452	20.00	ng	-0.01
86) Perylene-d12	16.57	264	145798	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	363210	173.62	ng	0.00
7) Phenol-d6	6.83	99	457551	165.01	ng	0.00
23) Nitrobenzene-d5	7.79	82	283660	114.03	ng	0.00
41) 2,4,6-Tribromophenol	11.09	330	98585	112.61	ng	0.01
44) 2-Fluorobiphenyl	9.60	172	474794	76.59	ng	0.00
78) Terphenyl-d14	13.47	244	616626	93.12	ng	0.00
Target Compounds						
31) Naphthalene	8.54	128	195317	26.24	ng	# 90
37) 2-Methylnaphthalene	9.24	142	711606	149.97	ng	# 97
45) 1,1'-Biphenyl	9.70	154	144254	19.43	ng	95
51) Acenaphthene	10.33	154	83350	14.77	ng	# 61
57) Fluorene	10.85	166	172423	24.96	ng	# 72
70) Phenanthrene	11.83	178	580563	78.00	ng	98

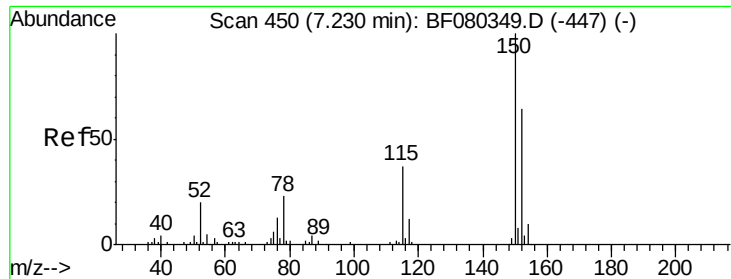
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070715\
Data File : BF080382.D
Acq On : 7 Jul 2015 20:28
Operator : TP/UM
Sample : G2732-04DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SDDL

Quant Time: Jul 08 03:13:10 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



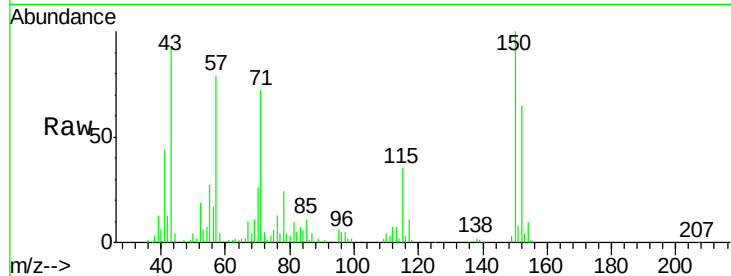


#1

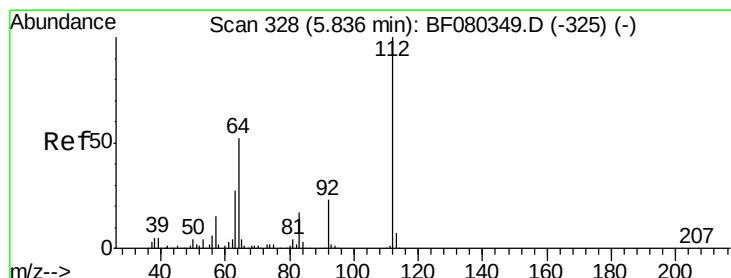
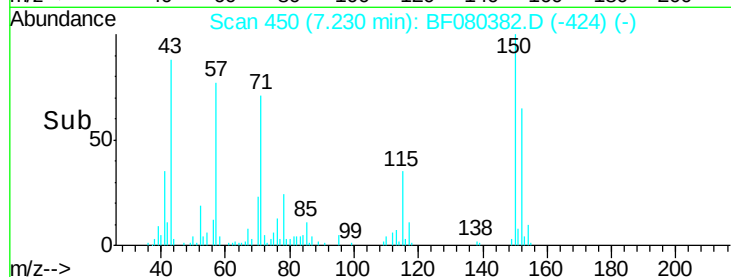
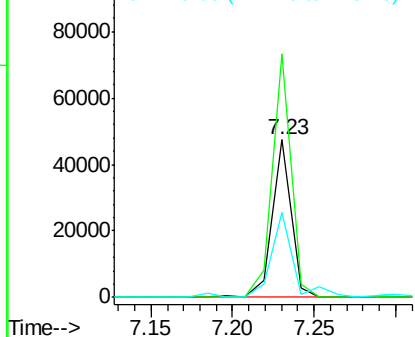
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF080382.D
Acq: 7 Jul 2015 20:28

Instrument :
BNA_F
ClientSampleId :
SDDL

Tgt Ion:152 Resp: 38313
Ion Ratio Lower Upper
152 100
150 154.8 124.7 187.1
115 54.1 45.7 68.5



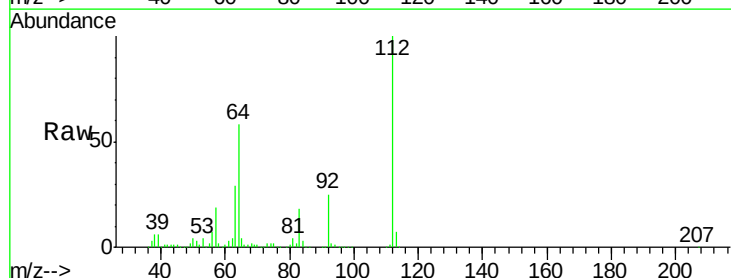
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



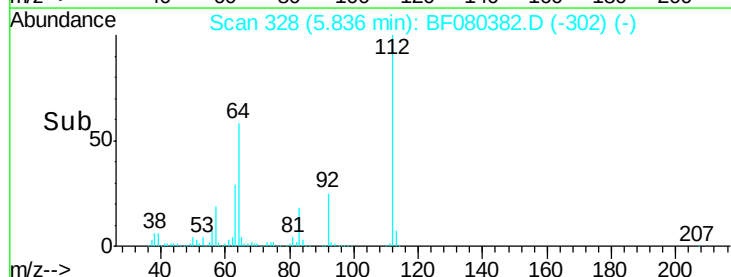
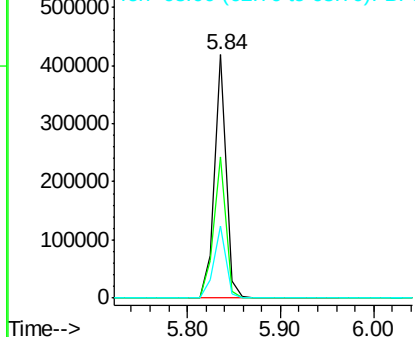
#5

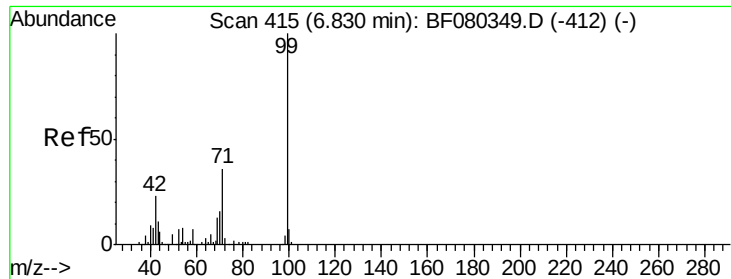
2-Fluorophenol
Concen: 173.62 ng
RT: 5.84 min Scan# 328
Delta R.T. 0.00 min
Lab File: BF080382.D
Acq: 7 Jul 2015 20:28

Tgt Ion:112 Resp: 363210
Ion Ratio Lower Upper
112 100
64 57.8 41.8 62.6
63 29.4 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: 165.01 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF080382.D

Acq: 7 Jul 2015 20:28

Instrument :

BNA_F

ClientSampleId :

SDDL

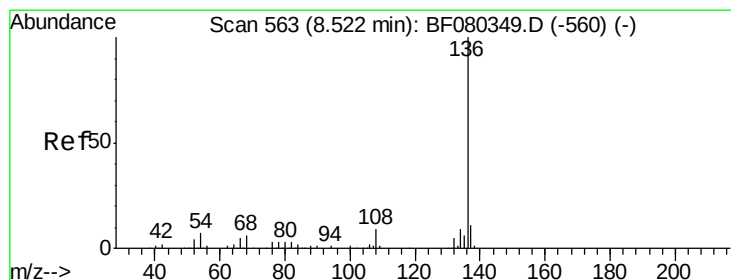
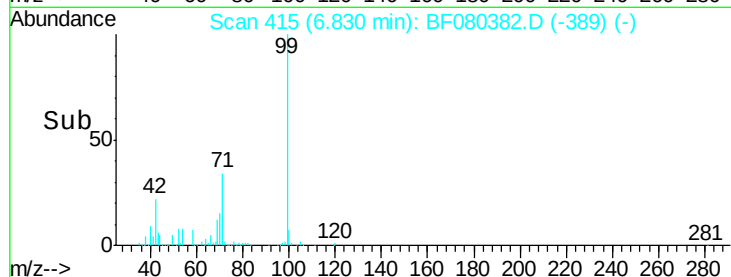
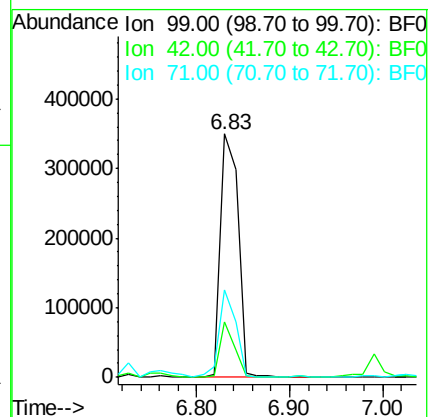
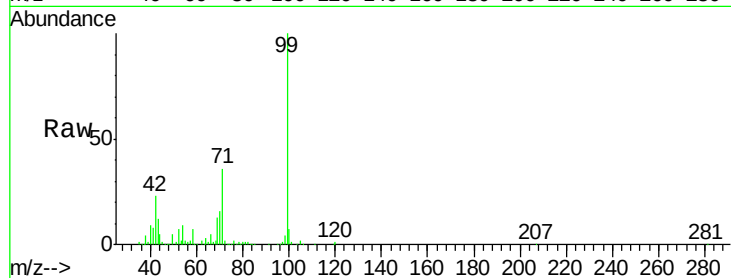
Tgt Ion: 99 Resp: 457551

Ion Ratio Lower Upper

99 100

42 22.6 18.5 27.7

71 35.7 28.5 42.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.52 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF080382.D

Acq: 7 Jul 2015 20:28

Tgt Ion: 136 Resp: 145097

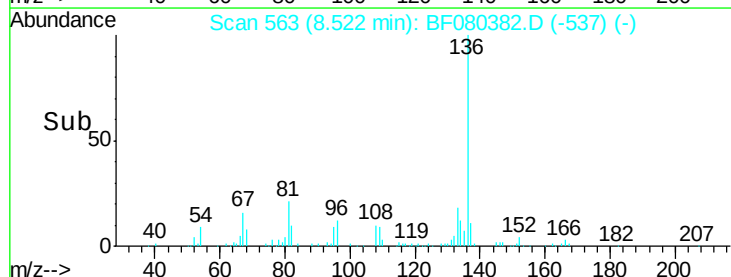
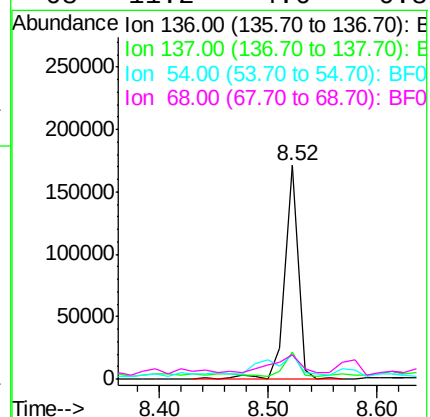
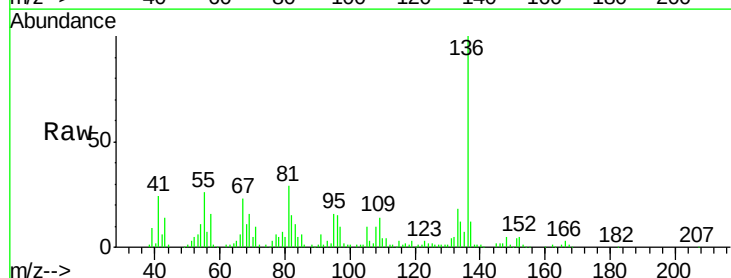
Ion Ratio Lower Upper

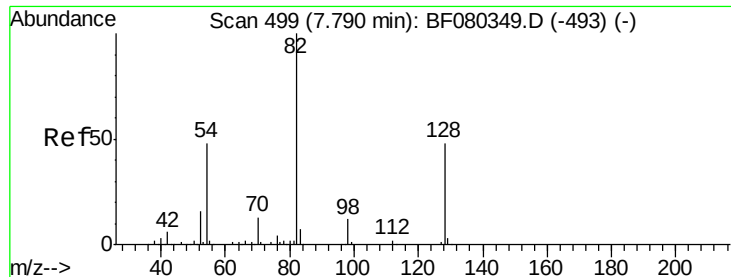
136 100

137 12.5 8.5 12.7

54 11.3 5.8 8.8#

68 11.2 4.6 6.8#

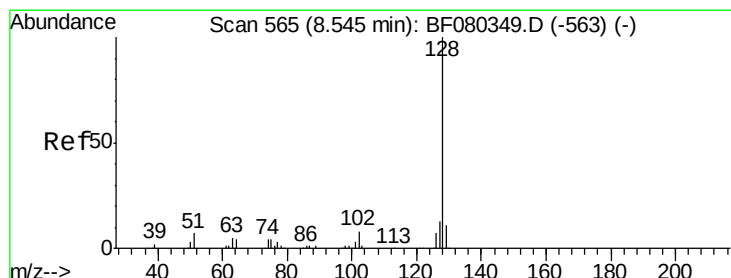
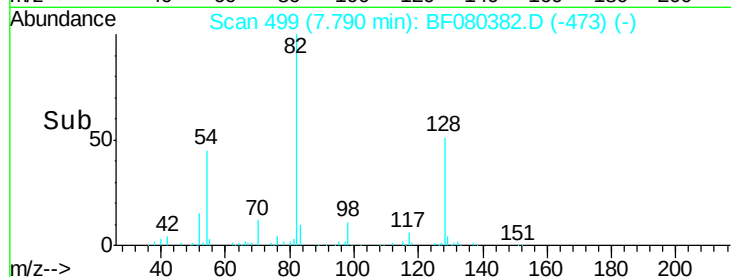
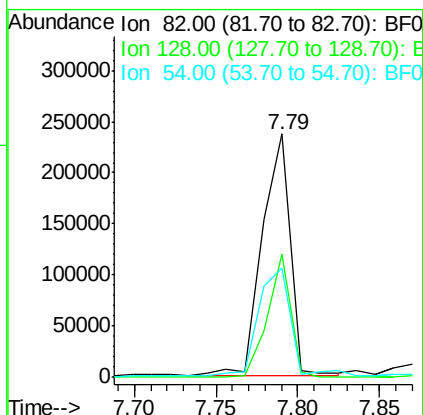
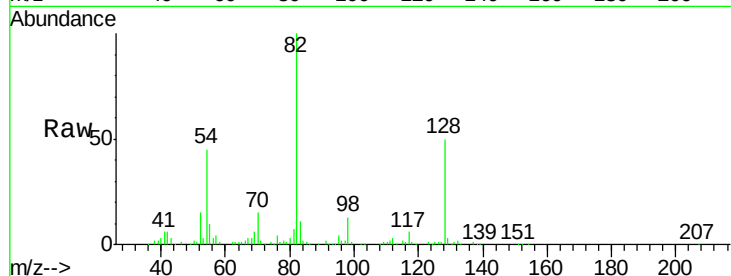




#23
 Nitrobenzene-d5
 Concen: 114.03 ng
 RT: 7.79 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: BF080382.D
 Acq: 7 Jul 2015 20:28

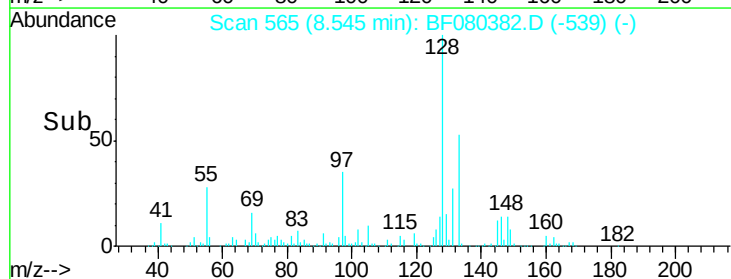
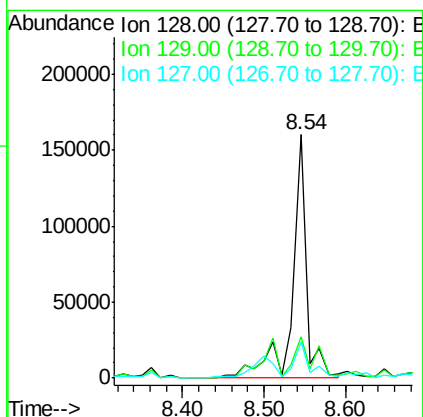
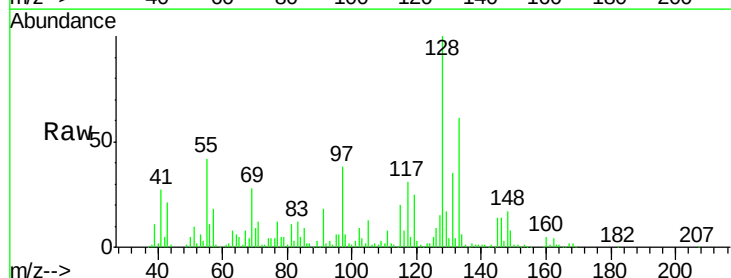
Instrument :
 BNA_F
 ClientSampleId :
 SDDL

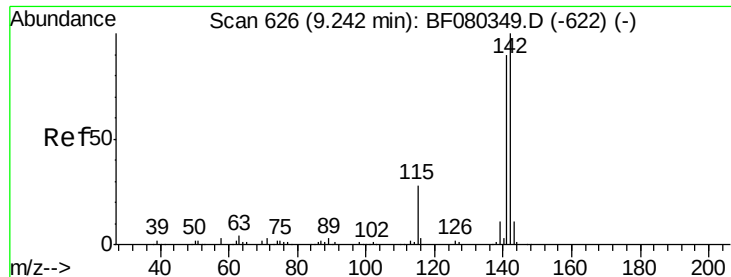
Tgt Ion: 82 Resp: 283660
 Ion Ratio Lower Upper
 82 100
 128 50.5 38.4 57.6
 54 44.9 38.2 57.2



#31
 Naphthalene
 Concen: 26.24 ng
 RT: 8.54 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF080382.D
 Acq: 7 Jul 2015 20:28

Tgt Ion: 128 Resp: 195317
 Ion Ratio Lower Upper
 128 100
 129 17.2 8.8 13.2#
 127 15.0 10.4 15.6

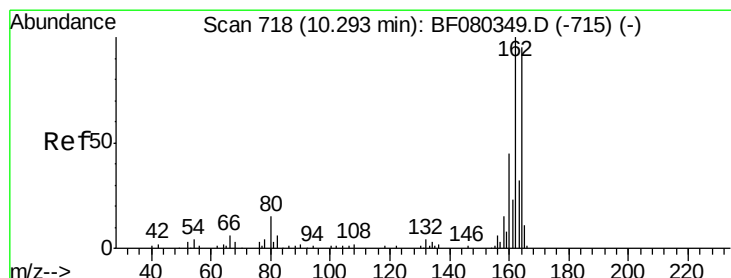
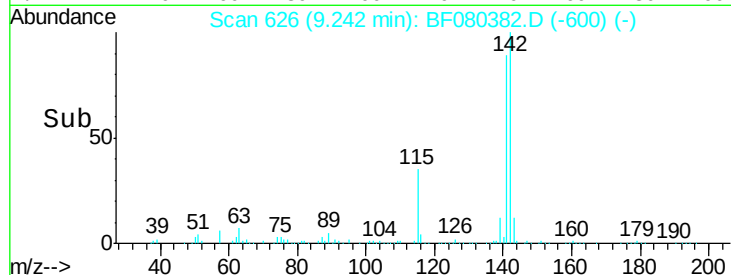
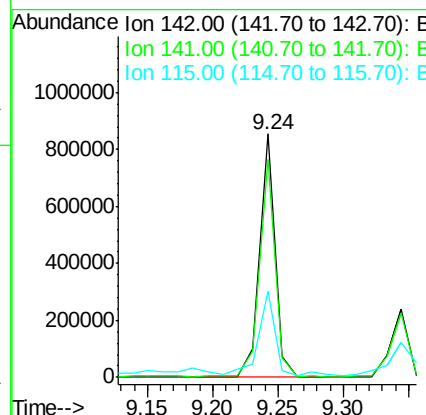
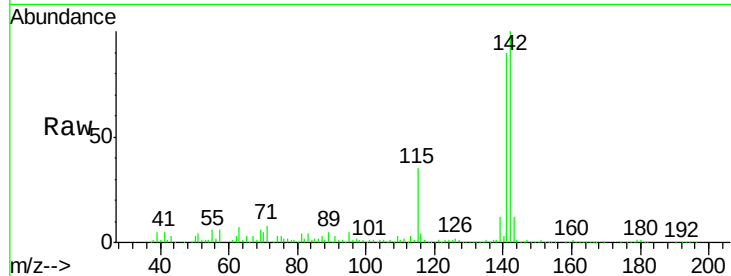




#37
 2-Methylnaphthalene
 Concen: 149.97 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF080382.D
 Acq: 7 Jul 2015 20:28

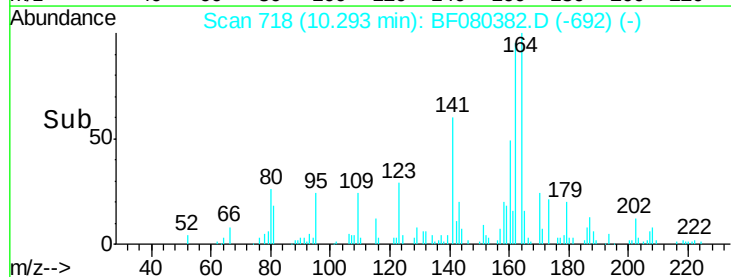
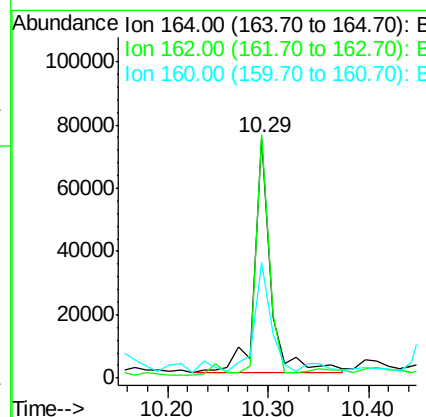
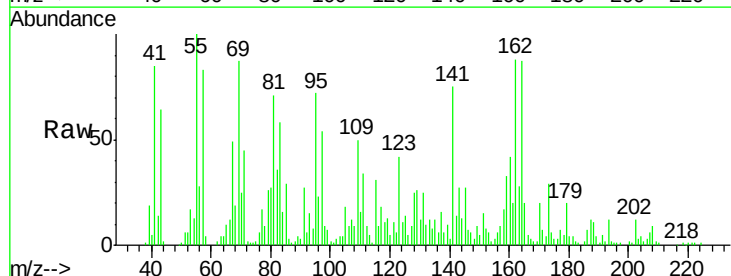
Instrument :
 BNA_F
 ClientSampleId :
 SDDL

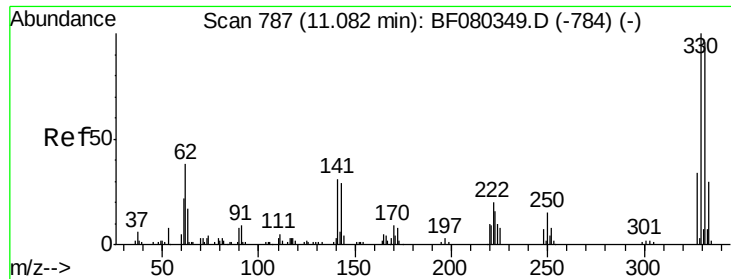
Tgt Ion:142 Resp: 711606
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.8 107.8
 115 35.4 22.6 34.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.29 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF080382.D
 Acq: 7 Jul 2015 20:28

Tgt Ion:164 Resp: 83665
 Ion Ratio Lower Upper
 164 100
 162 101.3 84.5 126.7
 160 48.3 37.7 56.5

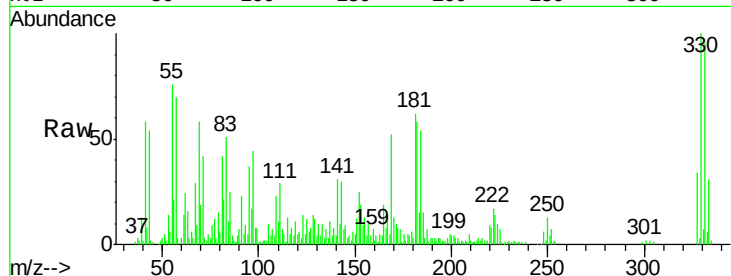




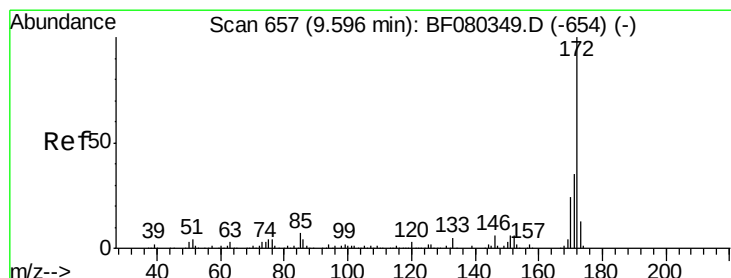
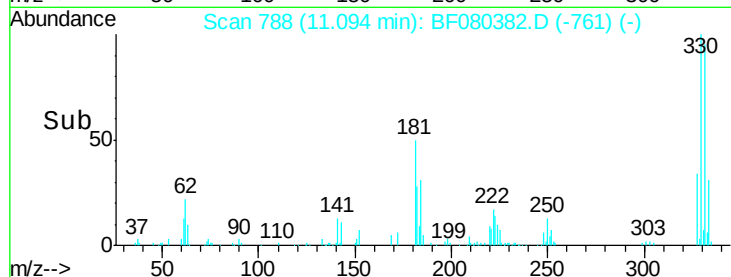
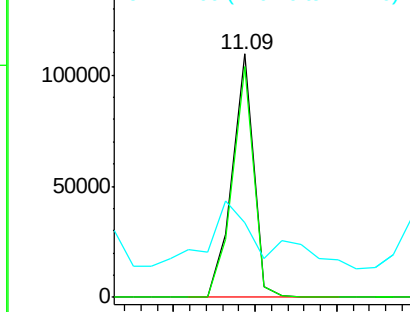
#41
 2,4,6-Tribromophenol
 Concen: 112.61 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.01 min
 Lab File: BF080382.D
 Acq: 7 Jul 2015 20:28

Instrument :
 BNA_F
 ClientSampleId :
 SDDL

Tgt Ion:330 Resp: 98585
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.4
 141 73.4 29.6 44.4#

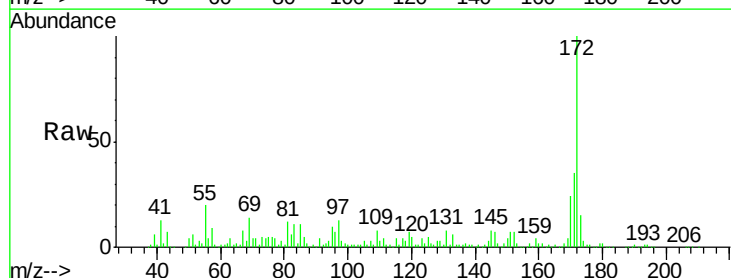


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

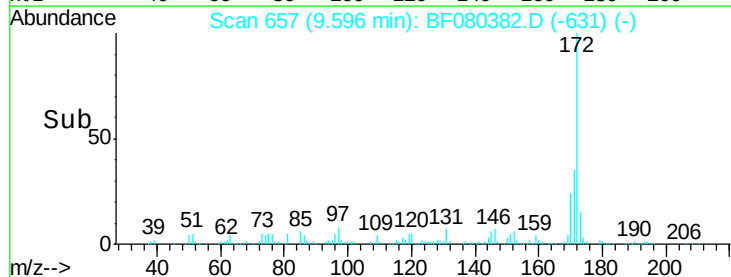
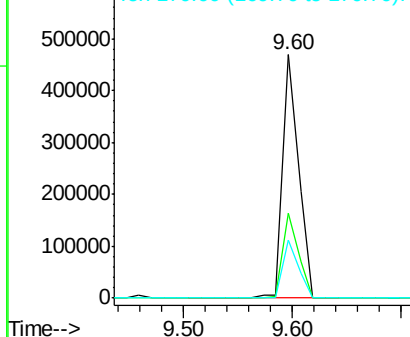


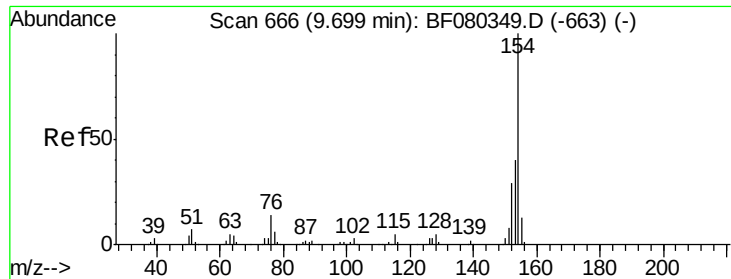
#44
 2-Fluorobiphenyl
 Concen: 76.59 ng
 RT: 9.60 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF080382.D
 Acq: 7 Jul 2015 20:28

Tgt Ion:172 Resp: 474794
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.3 42.5
 170 23.8 19.1 28.7



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 19.43 ng

RT: 9.70 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF080382.D

Acq: 7 Jul 2015 20:28

Instrument :

BNA_F

ClientSampleId :

SDDL

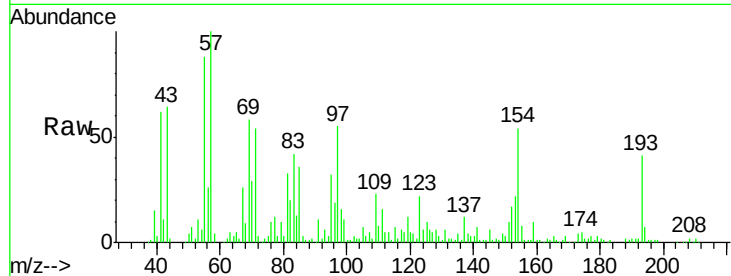
Tgt Ion:154 Resp: 144254

Ion Ratio Lower Upper

154 100

153 40.6 19.8 59.8

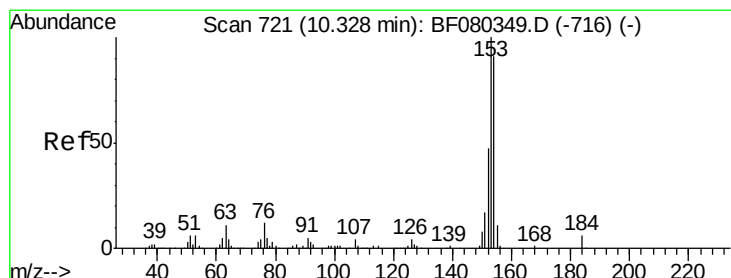
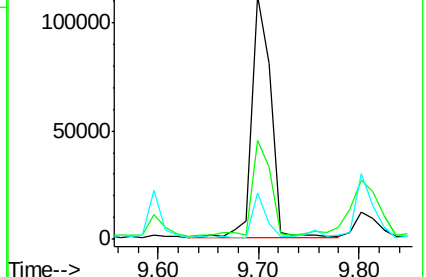
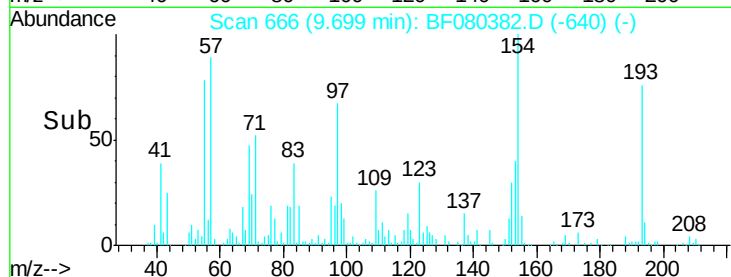
76 19.2 0.0 33.6



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



#51

Acenaphthene

Concen: 14.77 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF080382.D

Acq: 7 Jul 2015 20:28

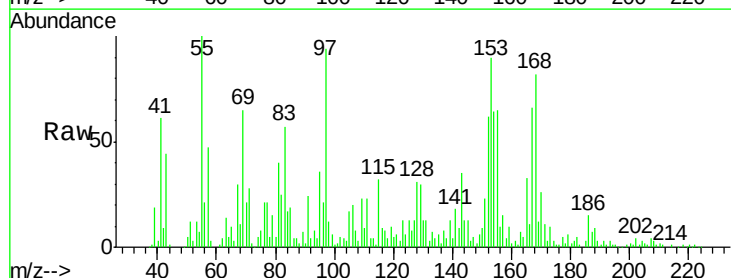
Tgt Ion:154 Resp: 83350

Ion Ratio Lower Upper

154 100

153 140.1 88.1 132.1#

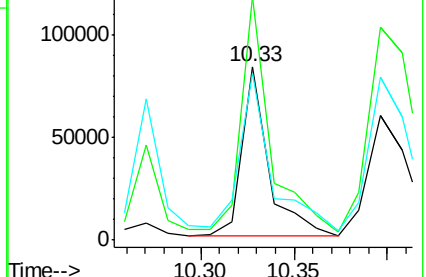
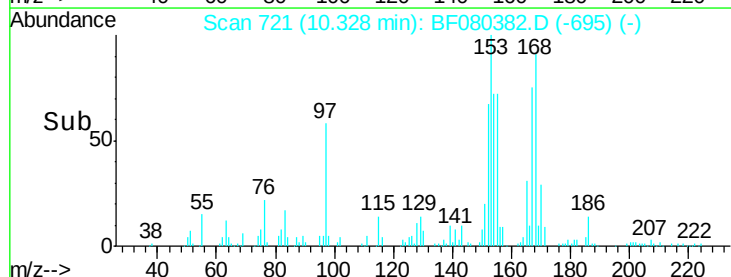
152 96.3 41.8 62.6#

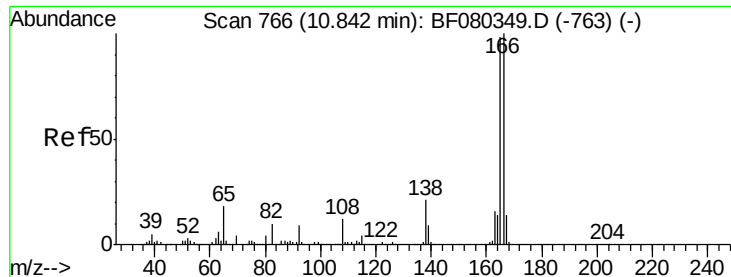


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

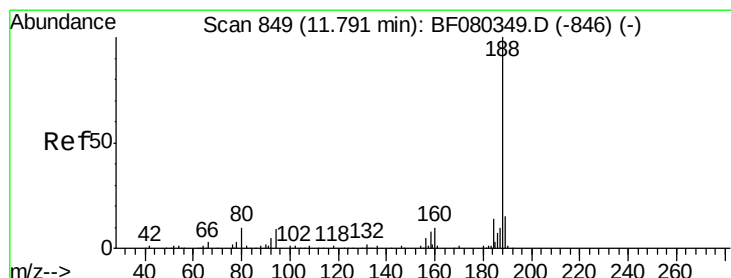
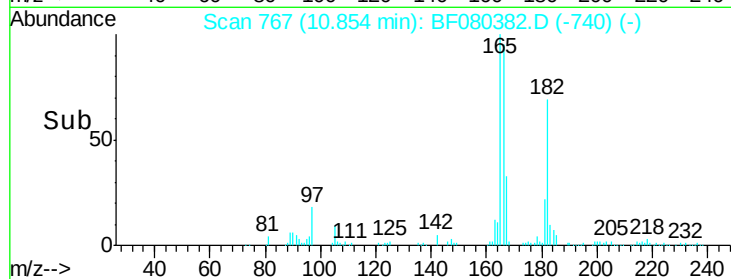
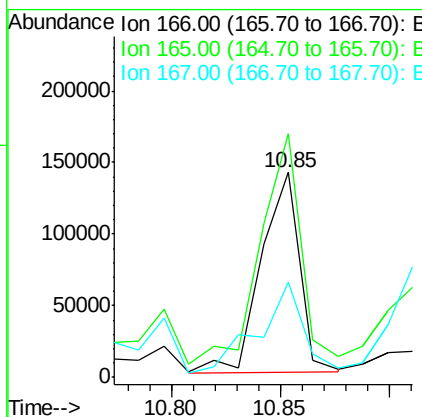
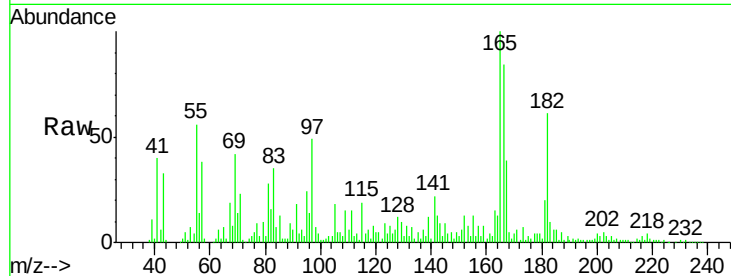




#57
 Fluorene
 Concen: 24.96 ng
 RT: 10.85 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: BF080382.D
 Acq: 7 Jul 2015 20:28

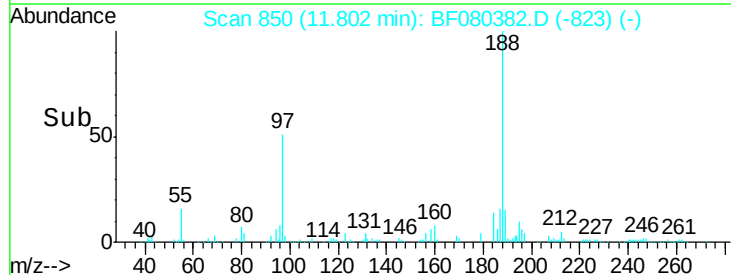
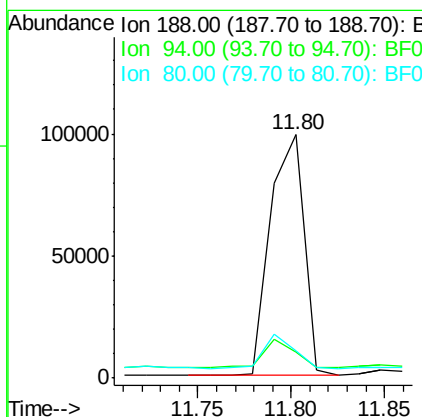
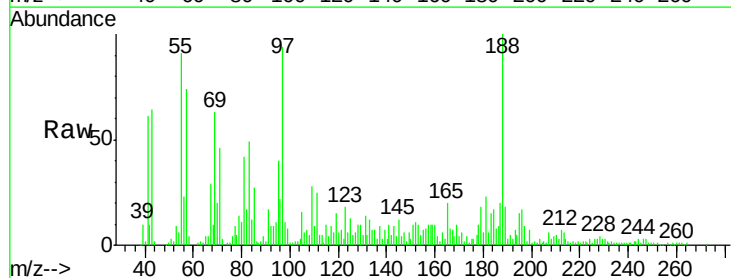
Instrument :
 BNA_F
 ClientSampleId :
 SDDL

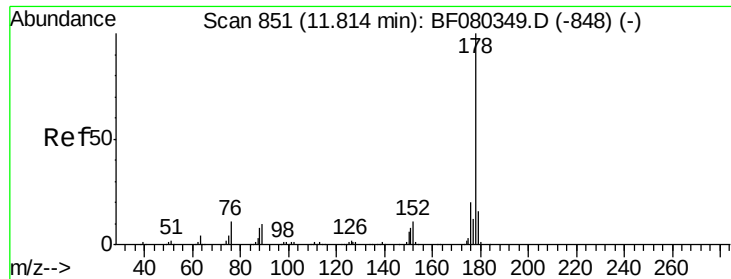
Tgt Ion:166 Resp: 172423
 Ion Ratio Lower Upper
 166 100
 165 118.9 78.6 117.8#
 167 46.7 10.8 16.2#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.80 min Scan# 850
 Delta R.T. 0.01 min
 Lab File: BF080382.D
 Acq: 7 Jul 2015 20:28

Tgt Ion:188 Resp: 124094
 Ion Ratio Lower Upper
 188 100
 94 10.8 7.5 11.3
 80 11.5 8.3 12.5





#70

Phenanthrene

Concen: 78.00 ng

RT: 11.83 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF080382.D

Acq: 7 Jul 2015 20:28

Instrument :

BNA_F

ClientSampleId :

SDDL

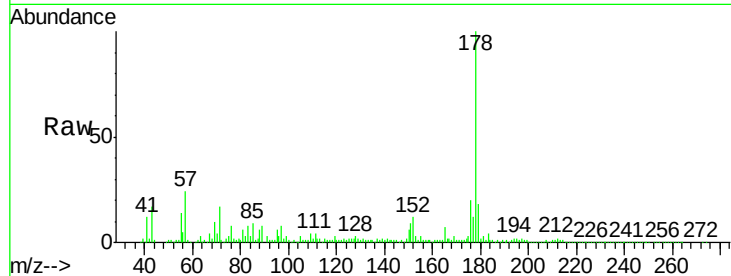
Tgt Ion:178 Resp: 580563

Ion Ratio Lower Upper

178 100

176 20.1 16.1 24.1

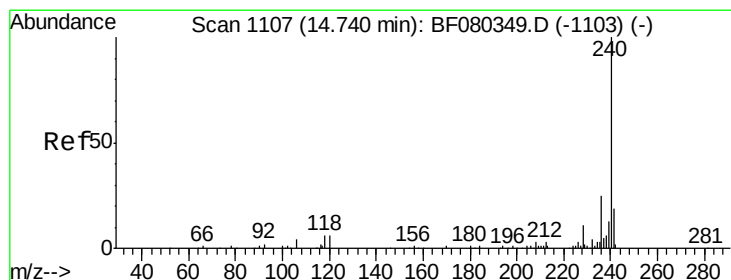
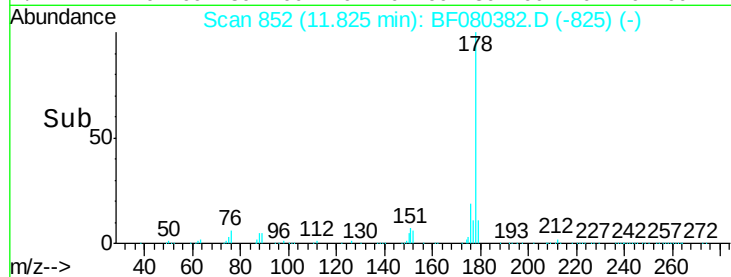
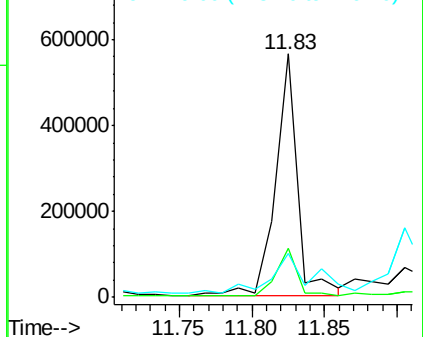
179 17.9 12.6 18.8



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: 14.73 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BF080382.D

Acq: 7 Jul 2015 20:28

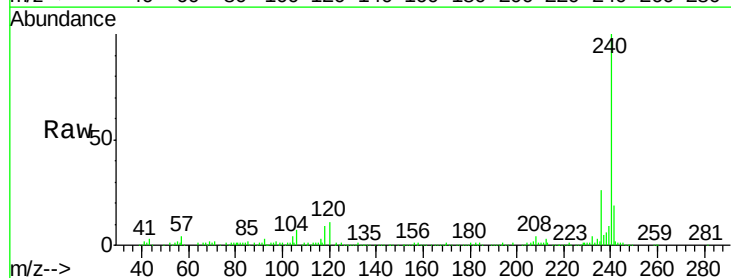
Tgt Ion:240 Resp: 154452

Ion Ratio Lower Upper

240 100

120 10.6 5.1 7.7#

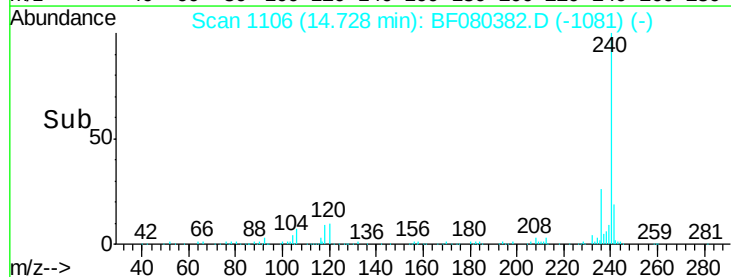
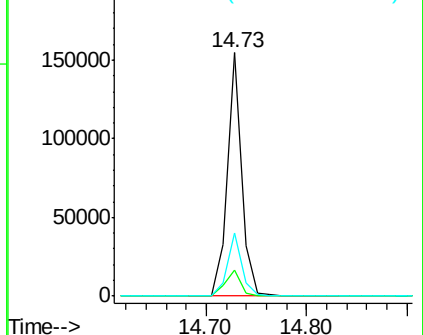
236 26.2 20.4 30.6

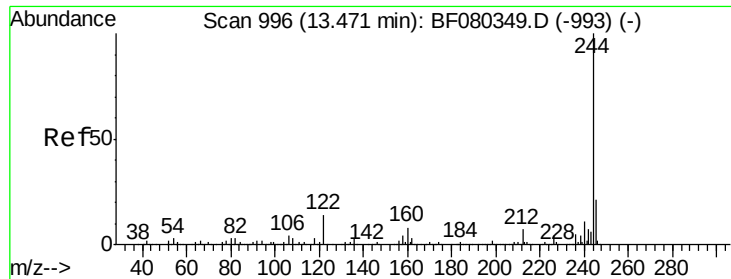


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.12 ng

RT: 13.47 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF080382.D

Acq: 7 Jul 2015 20:28

Instrument :

BNA_F

ClientSampleId :

SDDL

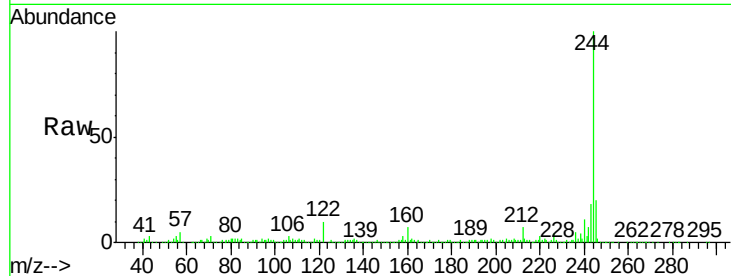
Tgt Ion:244 Resp: 616626

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

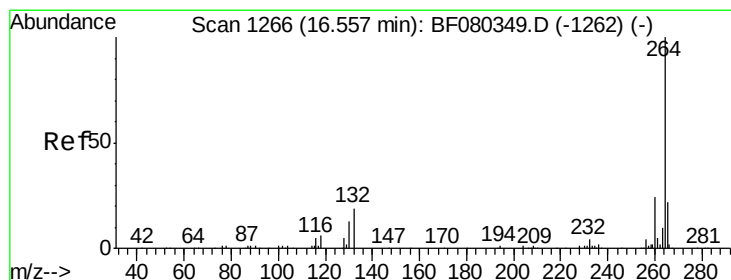
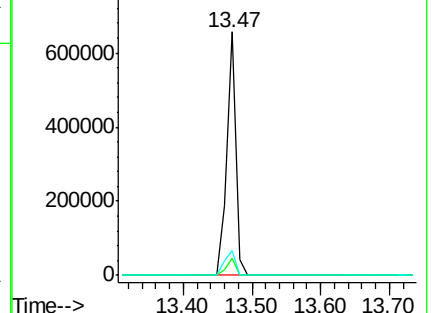
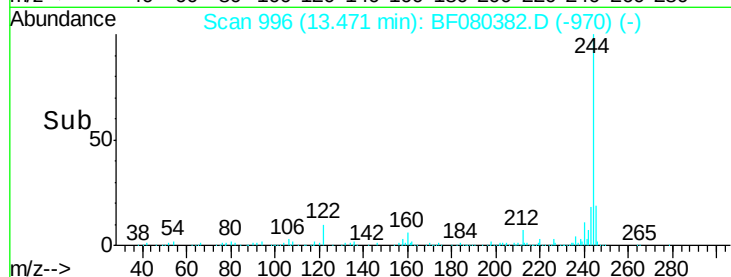
122 9.9 11.1 16.7#



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: 16.57 min Scan# 1267

Delta R.T. 0.01 min

Lab File: BF080382.D

Acq: 7 Jul 2015 20:28

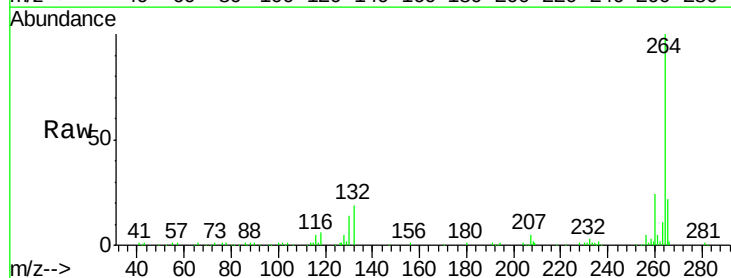
Tgt Ion:264 Resp: 145798

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.7 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

