

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070715\
 Data File : BF080373.D
 Acq On : 7 Jul 2015 13:40
 Operator : TP/UM
 Sample : G2732-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SD

Quant Time: Jul 08 01:50:10 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

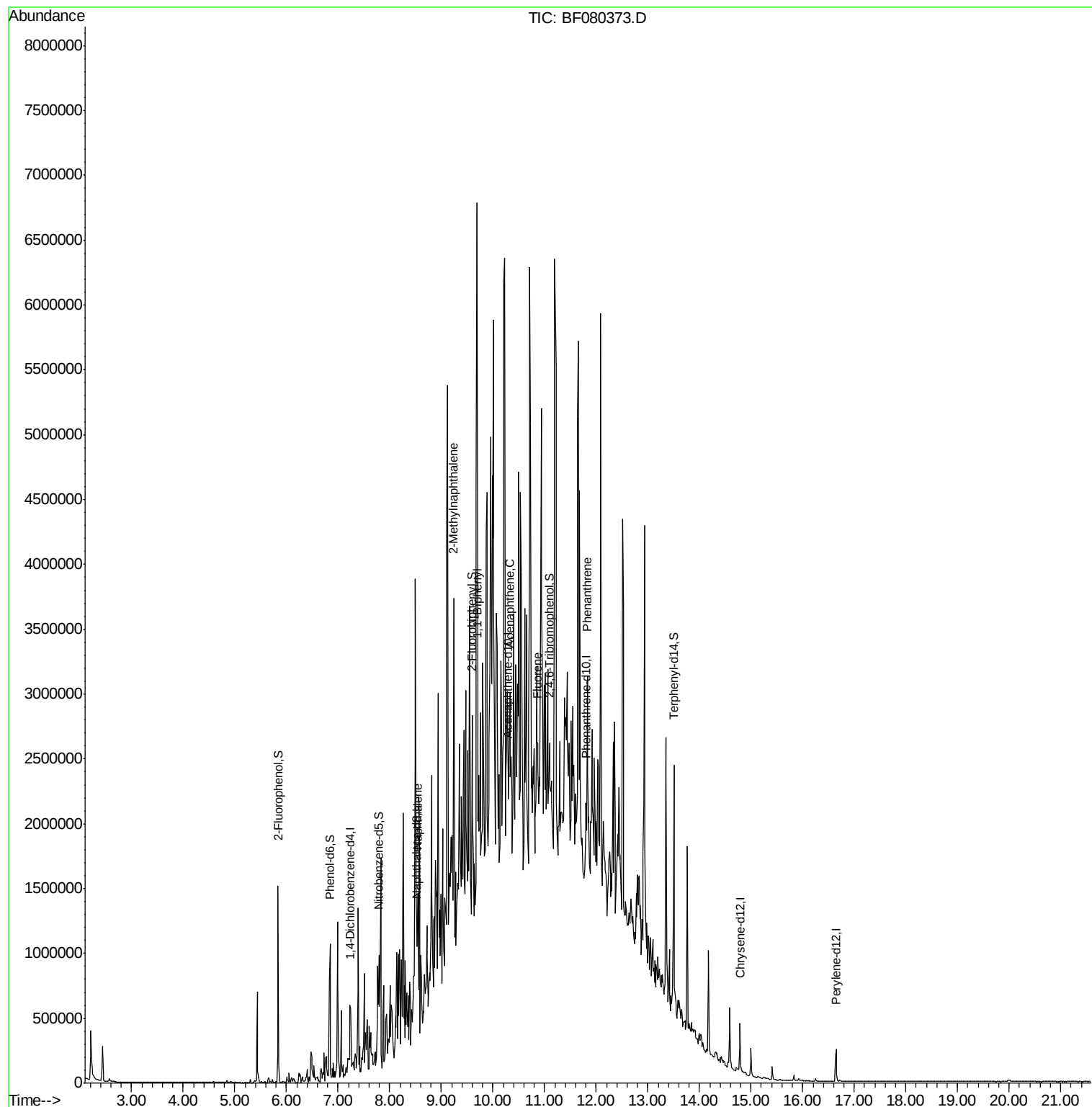
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	38136	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	148130	20.00	ng	0.00
38) Acenaphthene-d10	10.29	164	81714	20.00	ng	0.00
63) Phenanthrene-d10	11.80	188	131231	20.00	ng	0.01
75) Chrysene-d12	14.79	240	151860	20.00	ng	0.05
86) Perylene-d12	16.65	264	147276	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	362206	173.95	ng	0.00
7) Phenol-d6	6.84	99	471351	170.77	ng	0.01
23) Nitrobenzene-d5	7.79	82	290164	114.25	ng	0.00
41) 2,4,6-Tribromophenol	11.09	330	99600	116.49	ng	0.01
44) 2-Fluorobiphenyl	9.60	172	480487	79.35	ng	0.00
78) Terphenyl-d14	13.51	244	617556	94.85	ng	0.03
Target Compounds						
31) Naphthalene	8.54	128	194486	25.60	ng	# 90
37) 2-Methylnaphthalene	9.24	142	709631	146.49	ng	# 96
45) 1,1'-Biphenyl	9.70	154	143004	19.72	ng	# 95
51) Acenaphthene	10.33	154	81337	14.76	ng	# 58
57) Fluorene	10.85	166	177368	26.29	ng	# 73
70) Phenanthrene	11.83	178	557763	70.86	ng	# 97

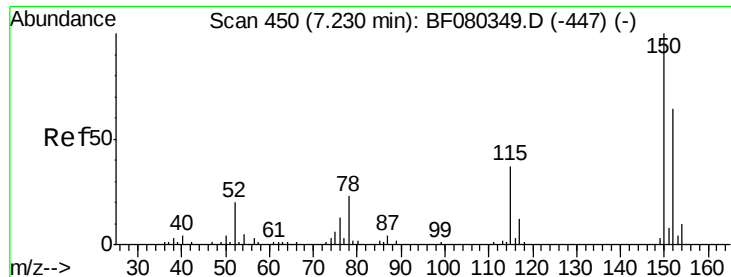
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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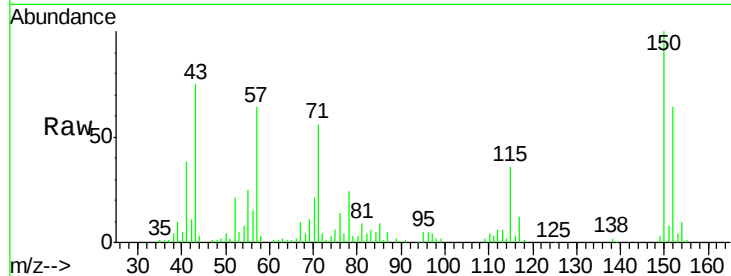


#1

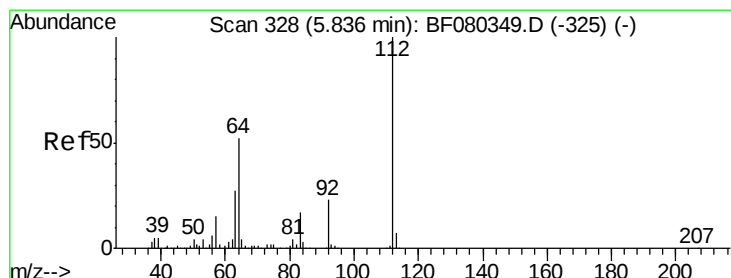
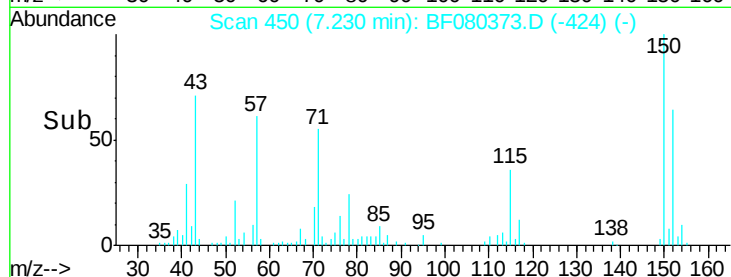
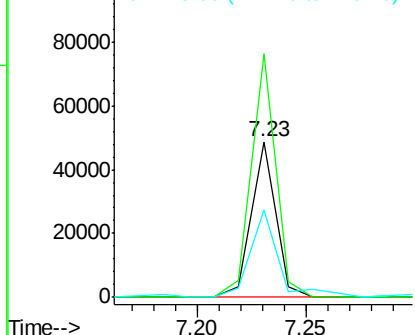
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF080373.D
Acq: 7 Jul 2015 13:40

Instrument :
BNA_F
ClientSampled :
SD

Tgt Ion:152 Resp: 38136
Ion Ratio Lower Upper
152 100
150 156.6 124.7 187.1
115 56.0 45.7 68.5



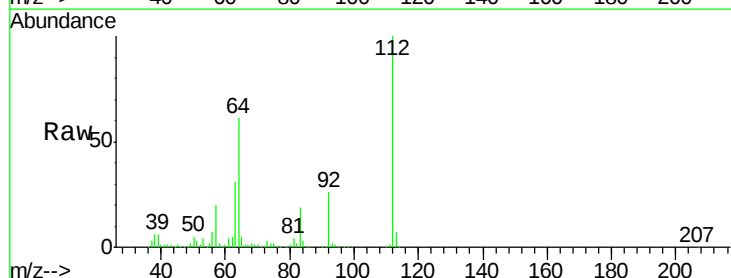
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



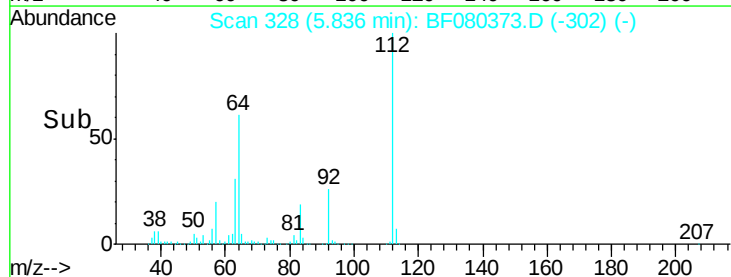
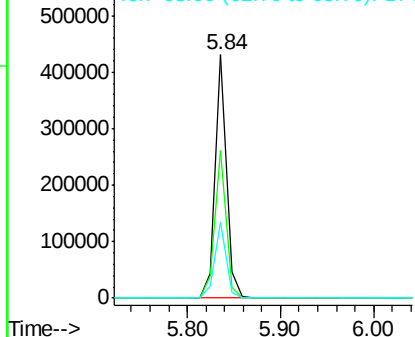
#5

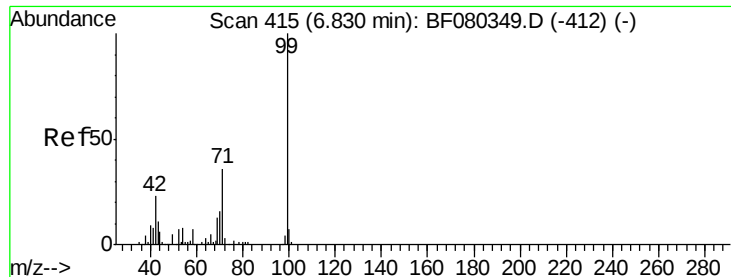
2-Fluorophenol
Concen: 173.95 ng
RT: 5.84 min Scan# 328
Delta R.T. 0.00 min
Lab File: BF080373.D
Acq: 7 Jul 2015 13:40

Tgt Ion:112 Resp: 362206
Ion Ratio Lower Upper
112 100
64 60.5 41.8 62.6
63 31.0 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: 170.77 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF080373.D

Acq: 7 Jul 2015 13:40

Instrument :

BNA_F

ClientSampleId :

SD

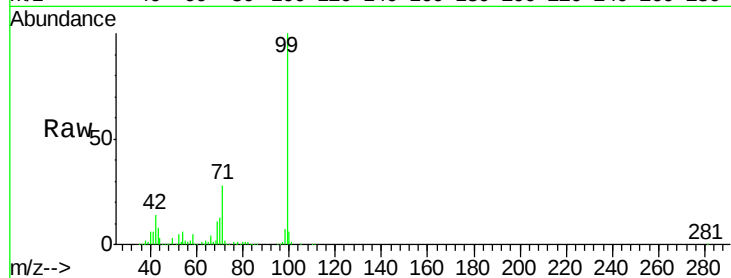
Tgt Ion: 99 Resp: 471351

Ion Ratio Lower Upper

99 100

42 14.4 18.5 27.7#

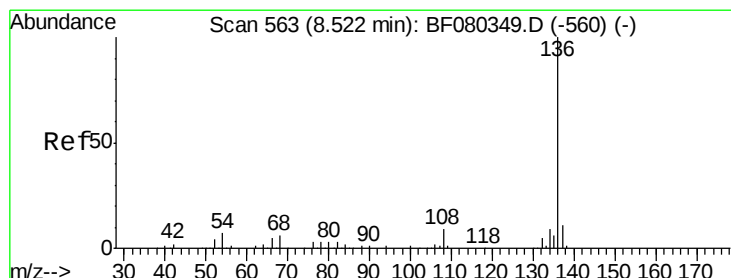
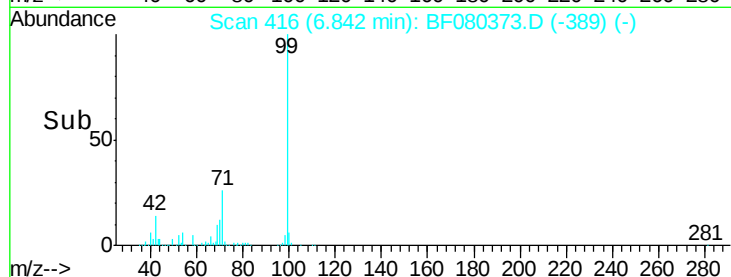
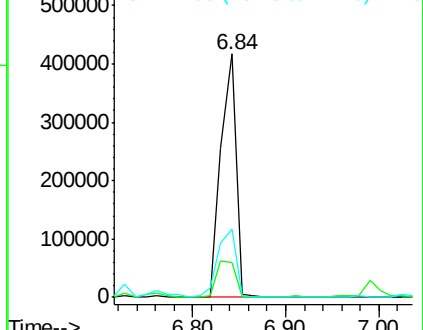
71 27.8 28.5 42.7#



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: BF080373.D

Acq: 7 Jul 2015 13:40

Tgt Ion: 136 Resp: 148130

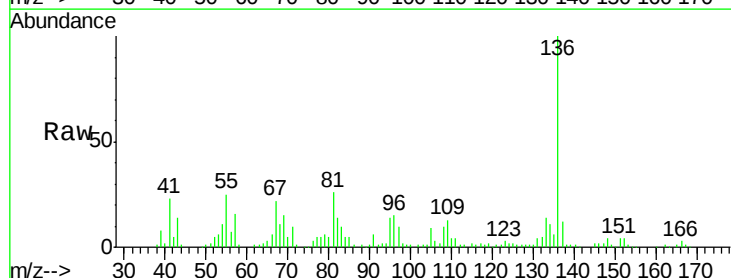
Ion Ratio Lower Upper

136 100

137 12.0 8.5 12.7

54 11.3 5.8 8.8#

68 10.8 4.6 6.8#

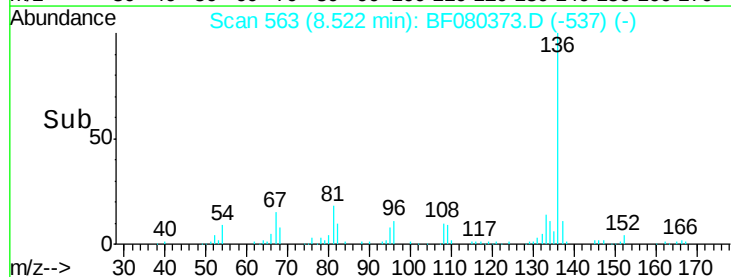
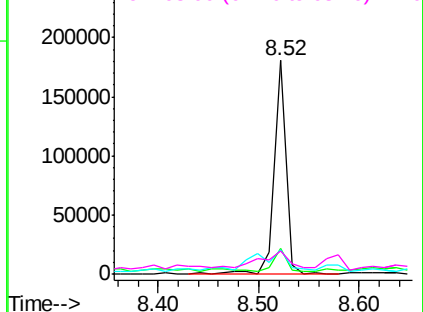


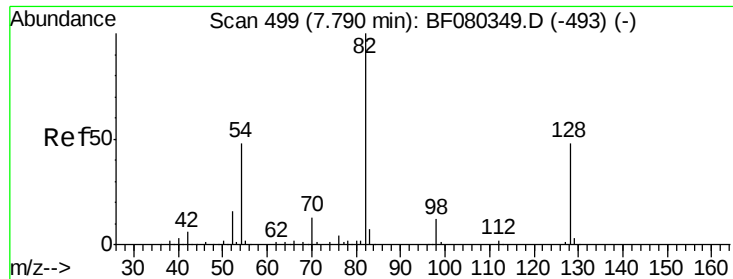
Abundance Ion 136.00 (135.70 to 136.70): E

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

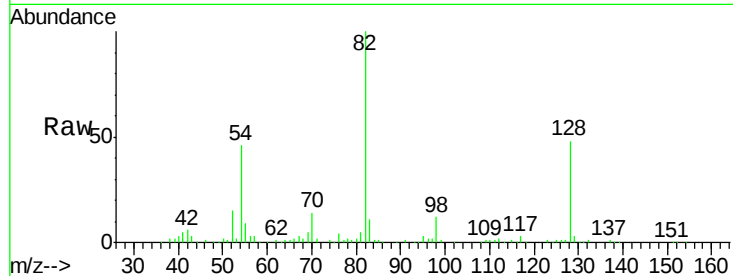




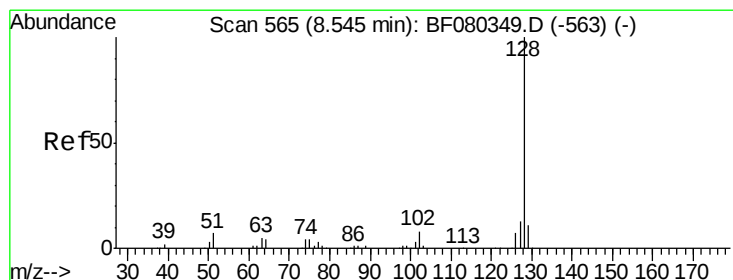
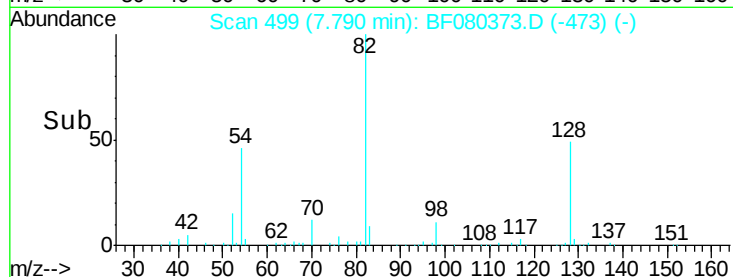
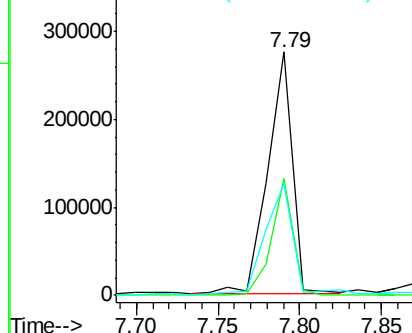
#23
 Nitrobenzene-d5
 Concen: 114.25 ng
 RT: 7.79 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: BF080373.D
 Acq: 7 Jul 2015 13:40

Instrument :
 BNA_F
 ClientSampleId :
 SD

Tgt Ion: 82 Resp: 290164
 Ion Ratio Lower Upper
 82 100
 128 48.0 38.4 57.6
 54 46.2 38.2 57.2

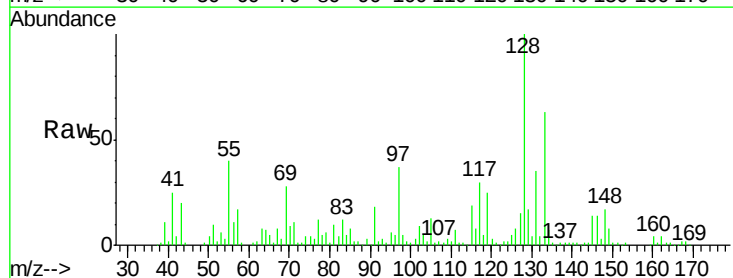


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

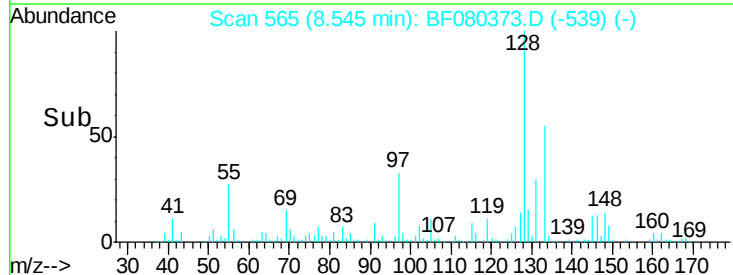
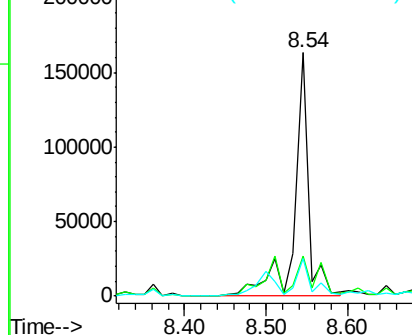


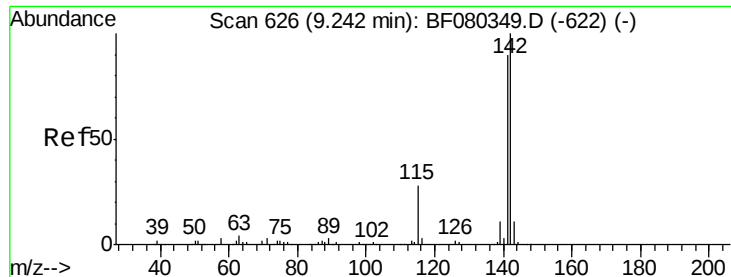
#31
 Naphthalene
 Concen: 25.60 ng
 RT: 8.54 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF080373.D
 Acq: 7 Jul 2015 13:40

Tgt Ion: 128 Resp: 194486
 Ion Ratio Lower Upper
 128 100
 129 16.5 8.8 13.2#
 127 15.2 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

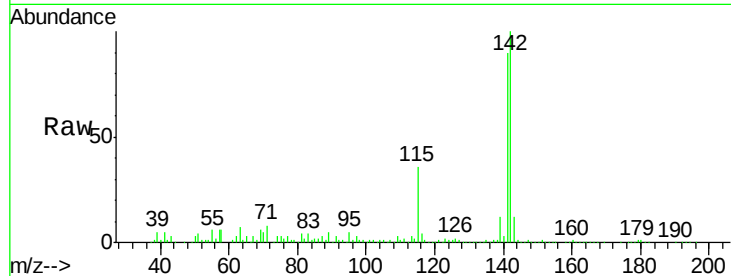




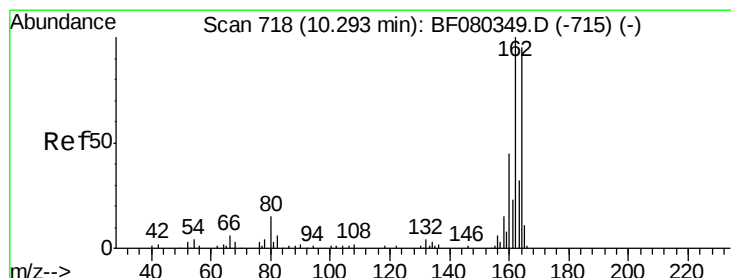
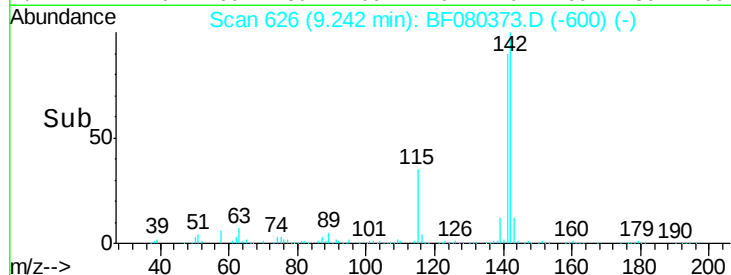
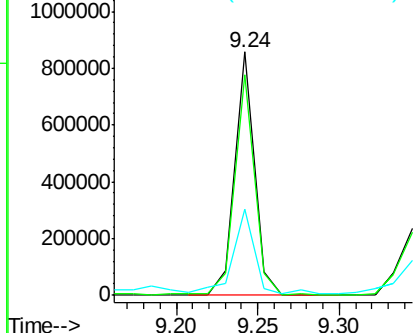
#37
2-Methylnaphthalene
Concen: 146.49 ng
RT: 9.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF080373.D
Acq: 7 Jul 2015 13:40

Instrument :
BNA_F
ClientSampleId :
SD

Tgt Ion:142 Resp: 709631
Ion Ratio Lower Upper
142 100
141 90.3 71.8 107.8
115 35.6 22.6 34.0#

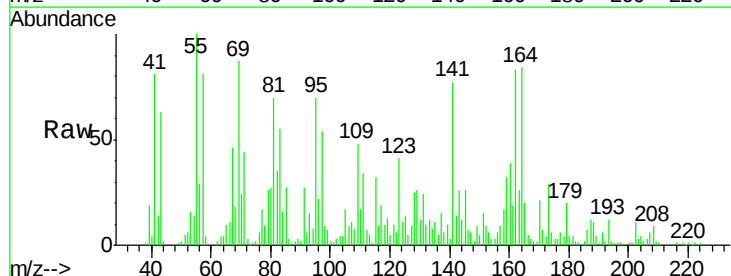


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

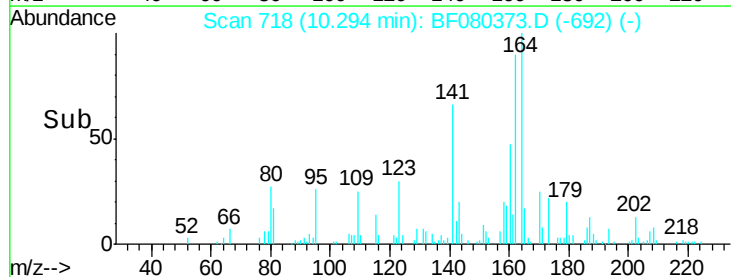
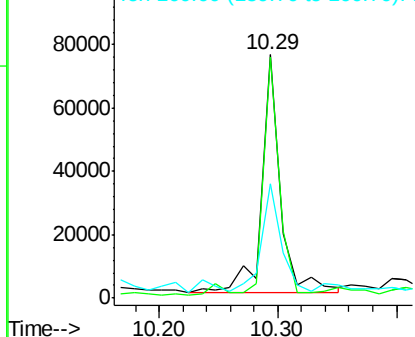


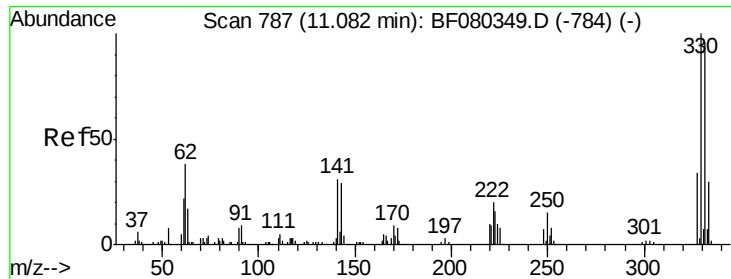
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.29 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF080373.D
Acq: 7 Jul 2015 13:40

Tgt Ion:164 Resp: 81714
Ion Ratio Lower Upper
164 100
162 99.1 84.5 126.7
160 47.0 37.7 56.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

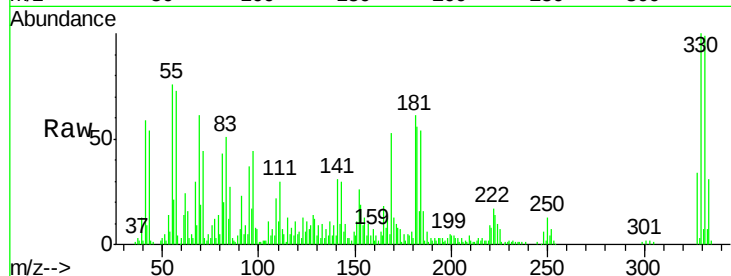




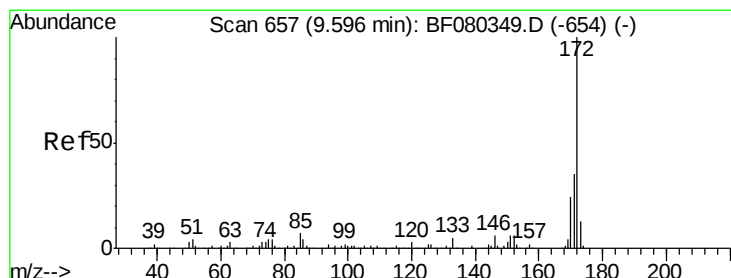
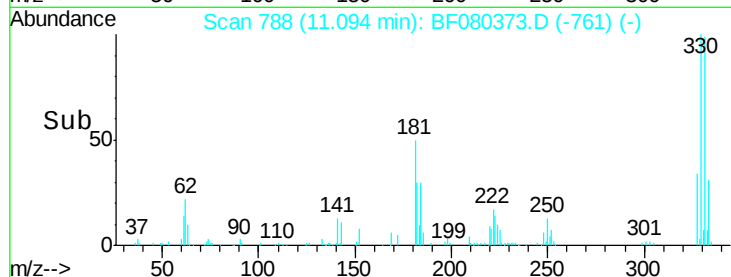
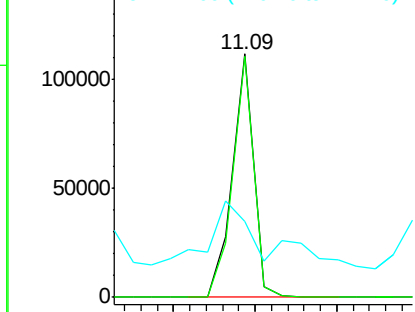
#41
 2,4,6-Tribromophenol
 Concen: 116.49 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.01 min
 Lab File: BF080373.D
 Acq: 7 Jul 2015 13:40

Instrument :
 BNA_F
 ClientSampleId :
 SD

Tgt Ion:330 Resp: 99600
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.4
 141 74.3 29.6 44.4#

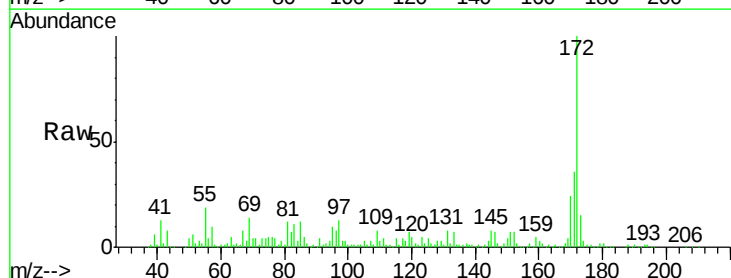


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

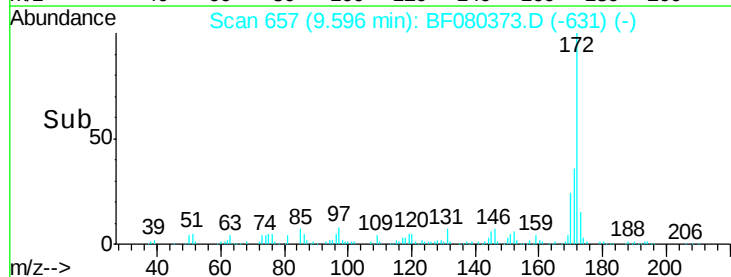
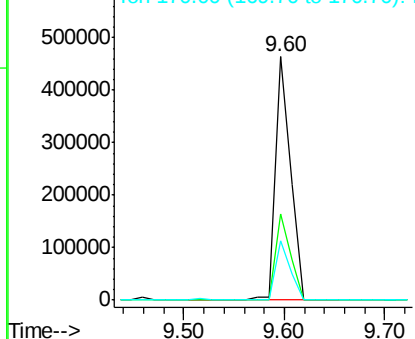


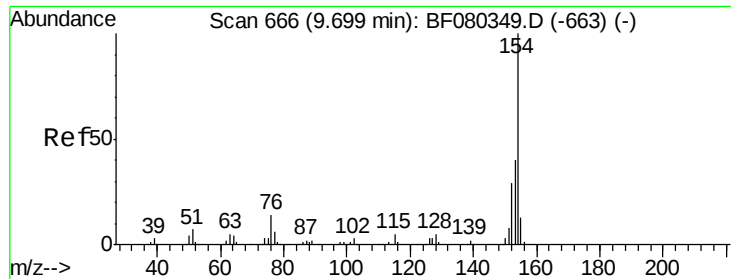
#44
 2-Fluorobiphenyl
 Concen: 79.35 ng
 RT: 9.60 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF080373.D
 Acq: 7 Jul 2015 13:40

Tgt Ion:172 Resp: 480487
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.3 42.5
 170 24.4 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: 19.72 ng

RT: 9.70 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF080373.D

Acq: 7 Jul 2015 13:40

Instrument :

BNA_F

ClientSampleId :

SD

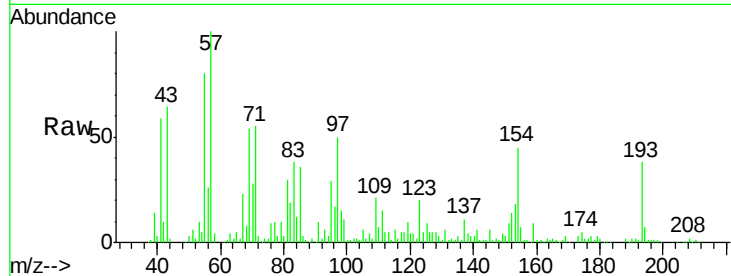
Tgt Ion:154 Resp: 143004

Ion Ratio Lower Upper

154 100

153 40.3 19.8 59.8

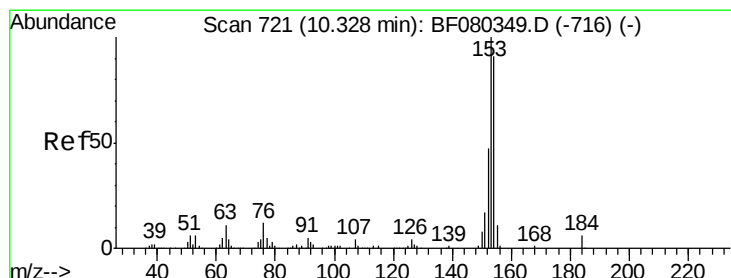
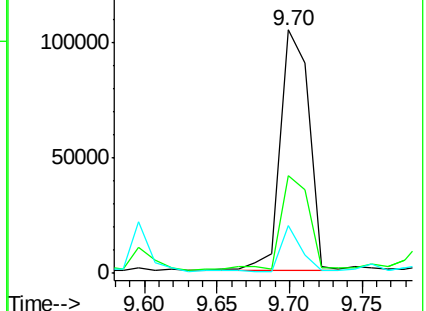
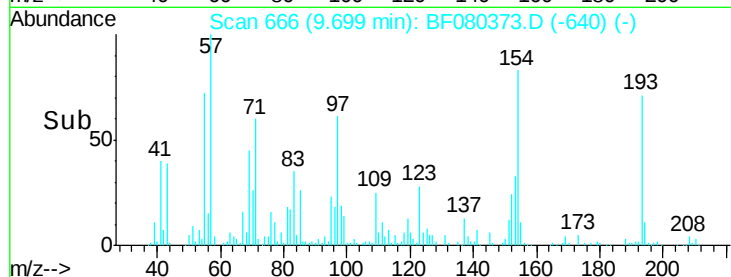
76 19.8 0.0 33.6



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: 14.76 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF080373.D

Acq: 7 Jul 2015 13:40

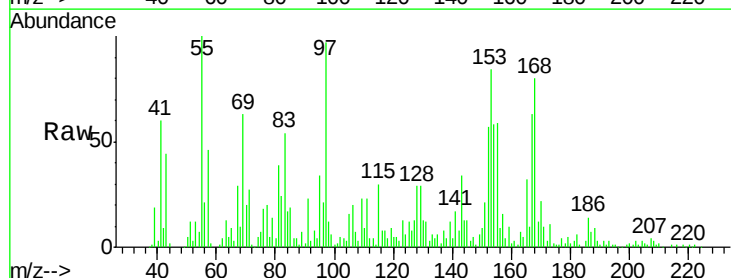
Tgt Ion:154 Resp: 81337

Ion Ratio Lower Upper

154 100

153 143.8 88.1 132.1#

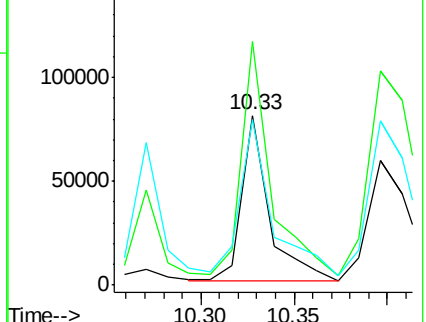
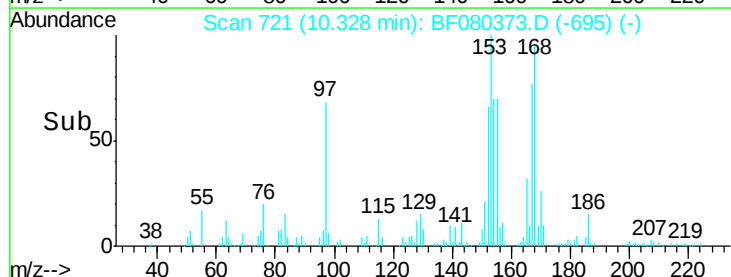
152 97.6 41.8 62.6#

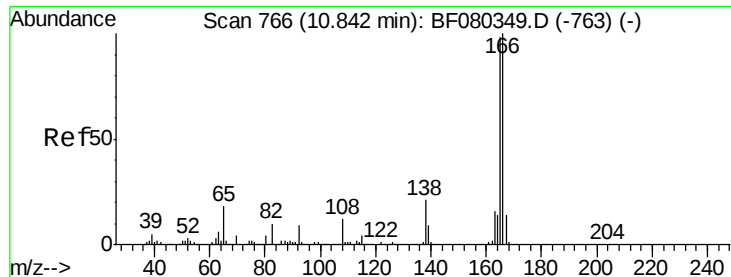


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#57

Fluorene

Concen: 26.29 ng

RT: 10.85 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF080373.D

Acq: 7 Jul 2015 13:40

Instrument :

BNA_F

ClientSampleId :

SD

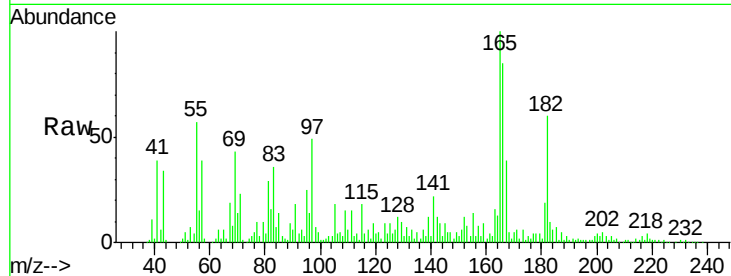
Tgt Ion:166 Resp: 177368

Ion Ratio Lower Upper

166 100

165 117.6 78.6 117.8

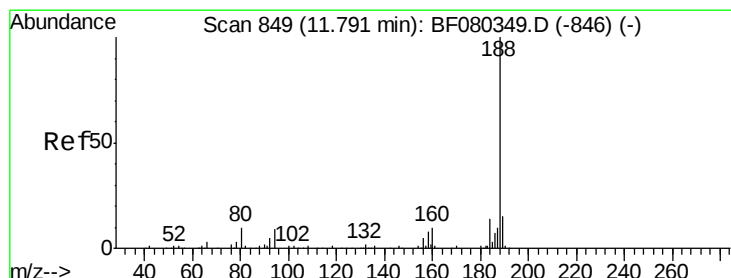
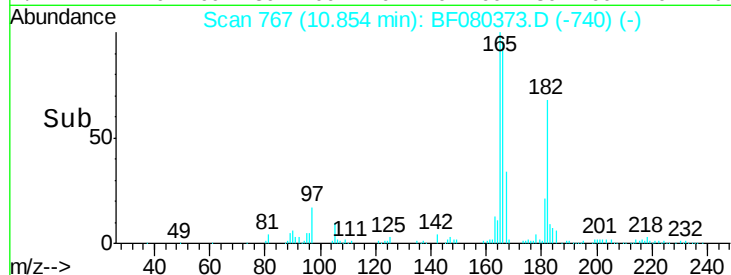
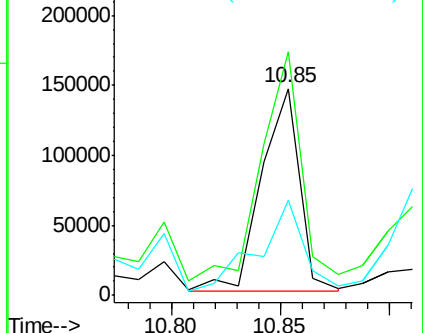
167 46.2 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.80 min Scan# 850

Delta R.T. 0.01 min

Lab File: BF080373.D

Acq: 7 Jul 2015 13:40

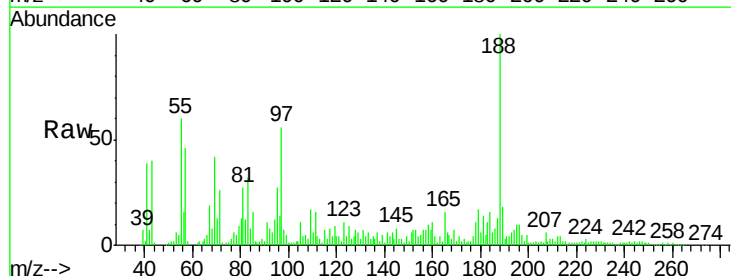
Tgt Ion:188 Resp: 131231

Ion Ratio Lower Upper

188 100

94 12.2 7.5 11.3#

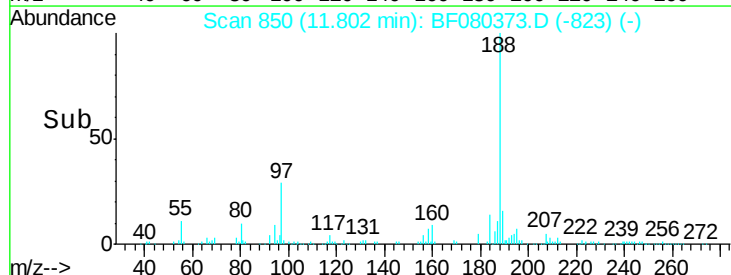
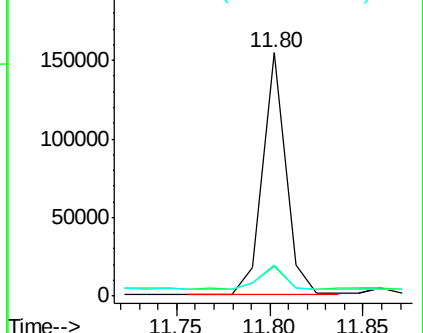
80 13.0 8.3 12.5#

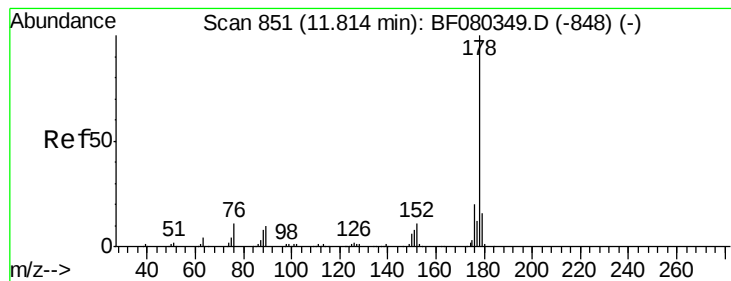


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 70.86 ng

RT: 11.83 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF080373.D

Acq: 7 Jul 2015 13:40

Instrument :

BNA_F

ClientSampleId :

SD

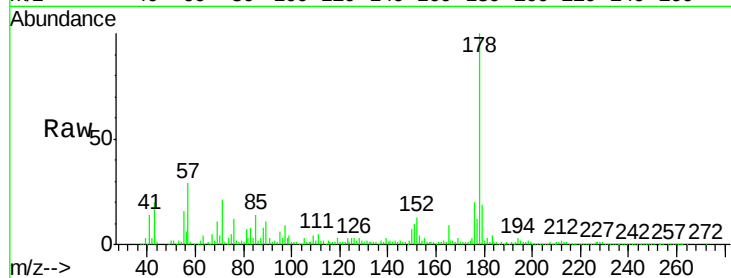
Tgt Ion:178 Resp: 557763

Ion Ratio Lower Upper

178 100

176 20.2 16.1 24.1

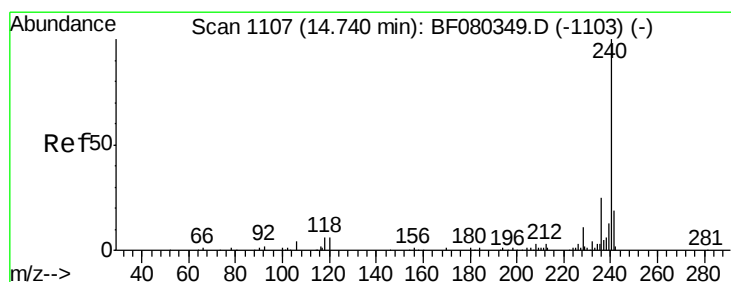
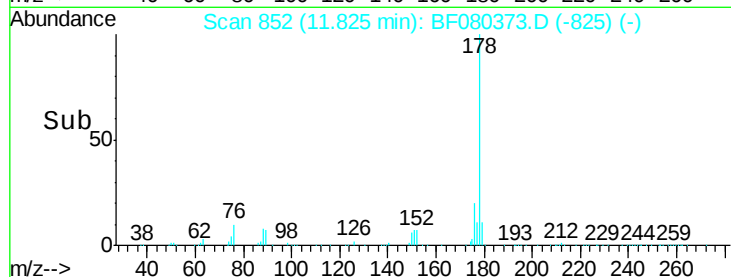
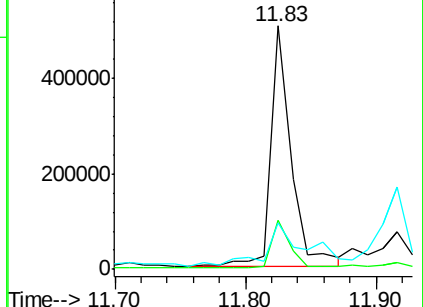
179 18.9 12.6 18.8#



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: 14.79 min Scan# 1111

Delta R.T. 0.05 min

Lab File: BF080373.D

Acq: 7 Jul 2015 13:40

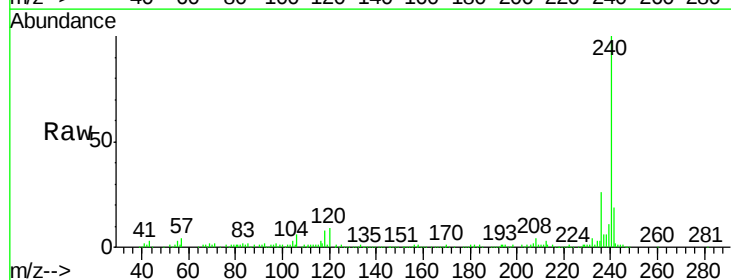
Tgt Ion:240 Resp: 151860

Ion Ratio Lower Upper

240 100

120 9.2 5.1 7.7#

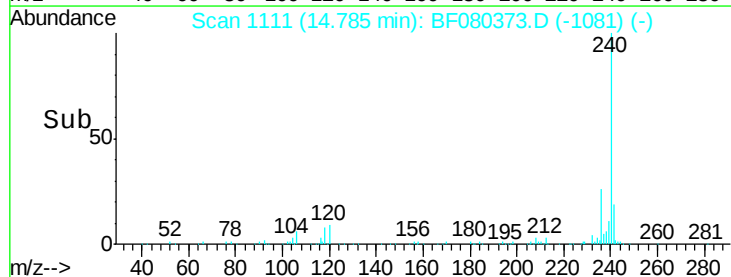
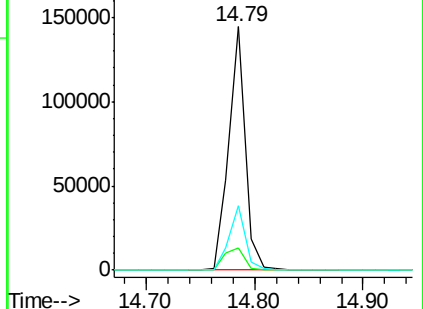
236 26.2 20.4 30.6

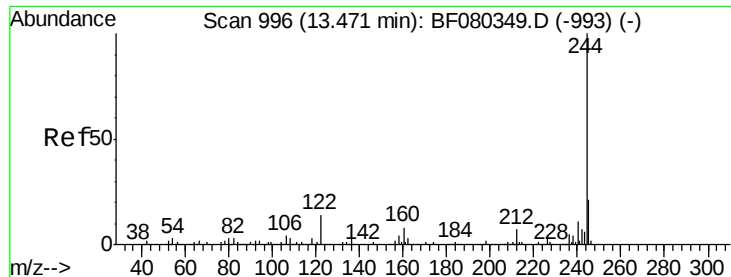


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.85 ng

RT: 13.51 min Scan# 999

Delta R.T. 0.03 min

Lab File: BF080373.D

Acq: 7 Jul 2015 13:40

Instrument :

BNA_F

ClientSampleId :

SD

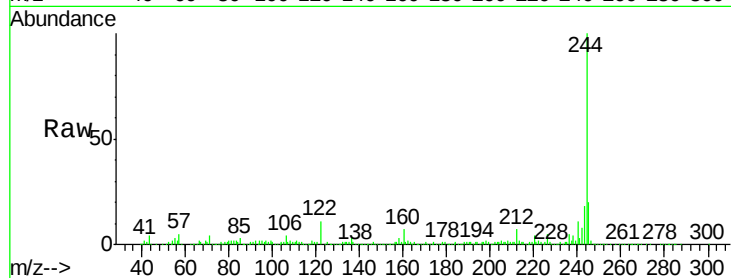
Tgt Ion:244 Resp: 617556

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

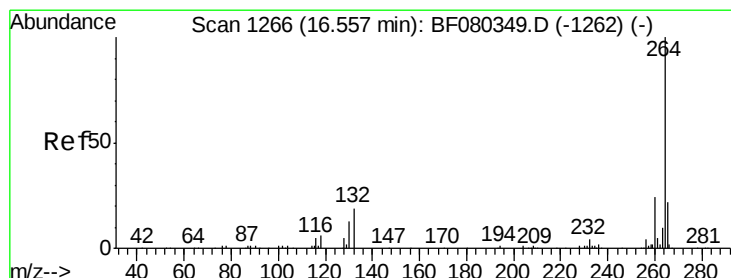
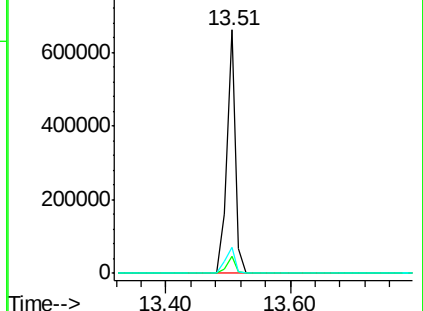
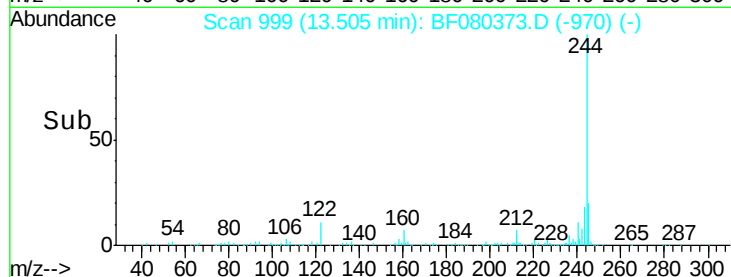
122 10.8 11.1 16.7#



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: 16.65 min Scan# 1274

Delta R.T. 0.09 min

Lab File: BF080373.D

Acq: 7 Jul 2015 13:40

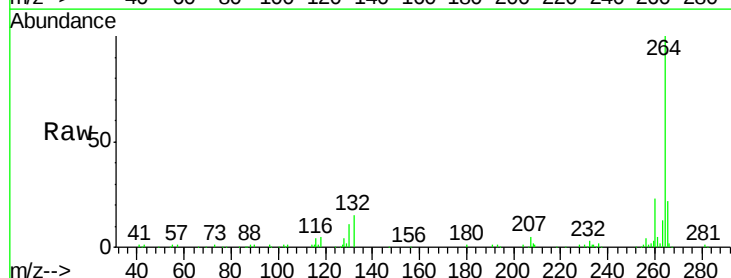
Tgt Ion:264 Resp: 147276

Ion Ratio Lower Upper

264 100

260 23.5 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

