

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070715\
 Data File : BF080375.D
 Acq On : 7 Jul 2015 16:49
 Operator : TP/UM
 Sample : PB84384BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84384BL

Quant Time: Jul 08 01:56:58 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	30375	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	111979	20.00	ng	0.00
38) Acenaphthene-d10	10.28	164	54017	20.00	ng	-0.01
63) Phenanthrene-d10	11.81	188	119940	20.00	ng	0.02
75) Chrysene-d12	14.99	240	118267	20.00	ng	0.25
86) Perylene-d12	16.97	264	113938	20.00	ng	0.41
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	233097	140.55	ng	0.00
7) Phenol-d6	6.83	99	277121	126.05	ng	0.00
23) Nitrobenzene-d5	7.78	82	154623	80.54	ng	-0.01
41) 2,4,6-Tribromophenol	11.08	330	68539	121.26	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	384980	96.18	ng	0.00
78) Terphenyl-d14	13.62	244	449633	88.68	ng	0.15

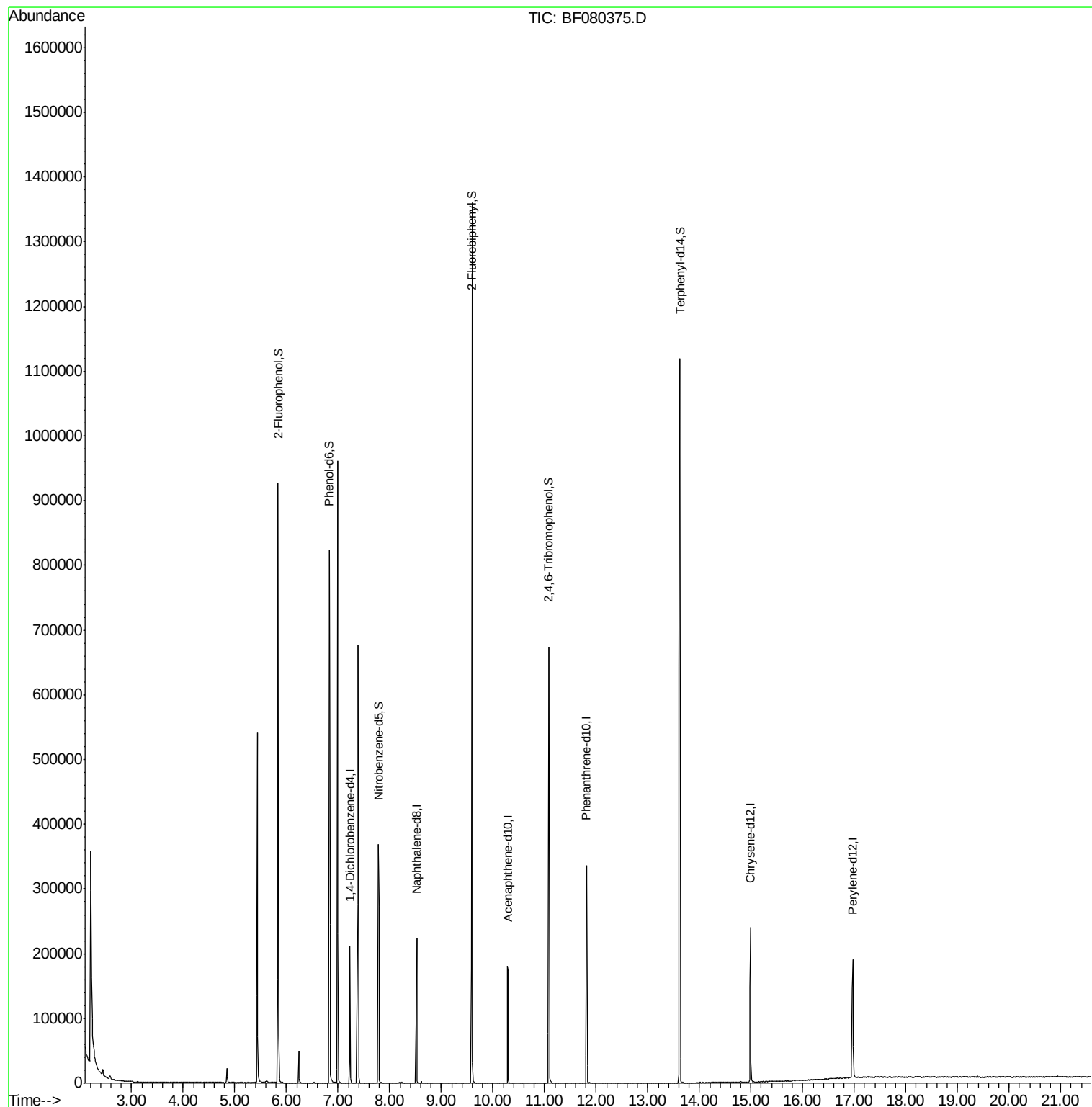
Target Compounds	Qvalue
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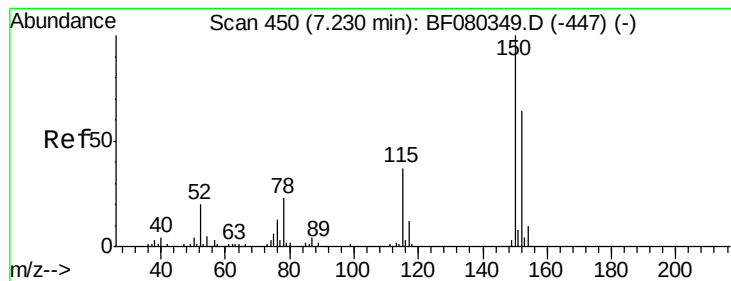
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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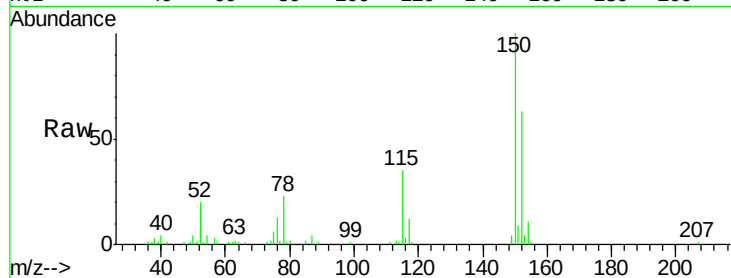




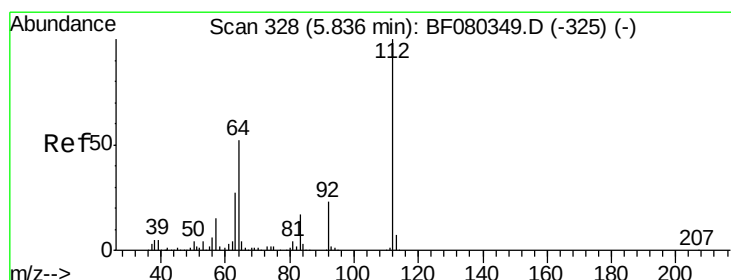
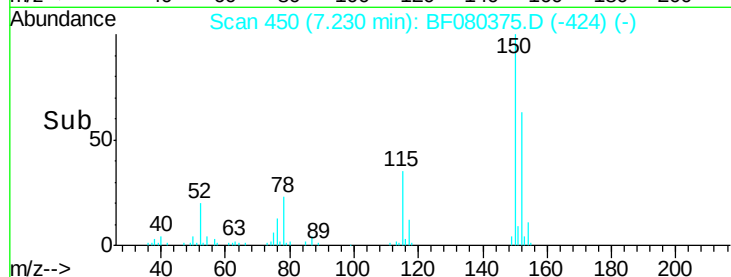
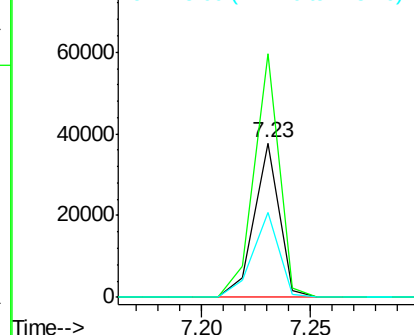
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.00 min
 Lab File: BF080375.D
 Acq: 7 Jul 2015 16:49

Instrument :
 BNA_F
 ClientSampleId :
 PB84384BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.7	187.1
115	55.2	45.7	68.5

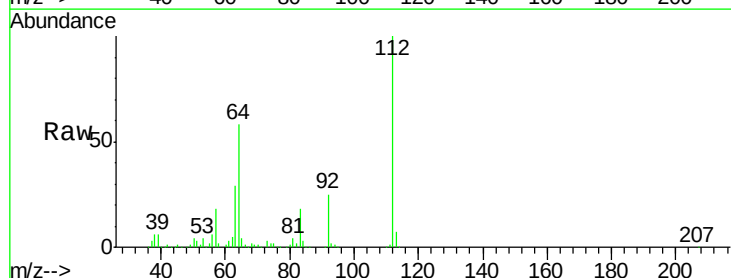


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

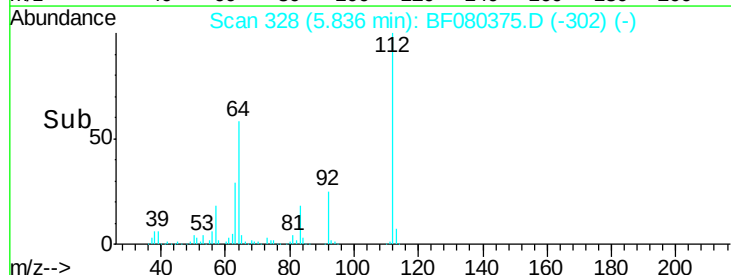
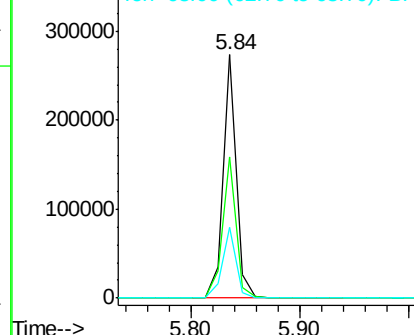


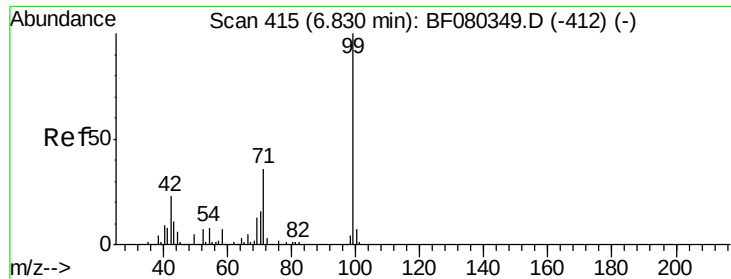
#5
 2-Fluorophenol
 Concen: 140.55 ng
 RT: 5.84 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: BF080375.D
 Acq: 7 Jul 2015 16:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	41.8	62.6
63	29.2	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: 126.05 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF080375.D

Acq: 7 Jul 2015 16:49

Instrument :

BNA_F

ClientSampleId :

PB84384BL

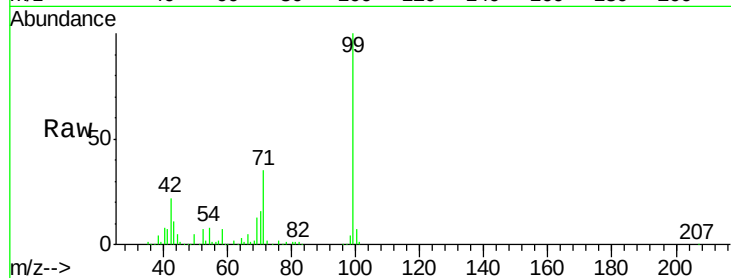
Tgt Ion: 99 Resp: 277121

Ion Ratio Lower Upper

99 100

42 21.9 18.5 27.7

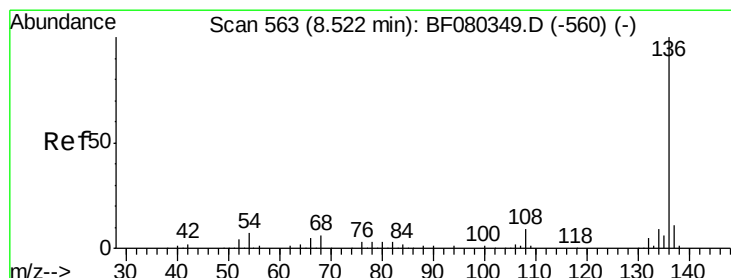
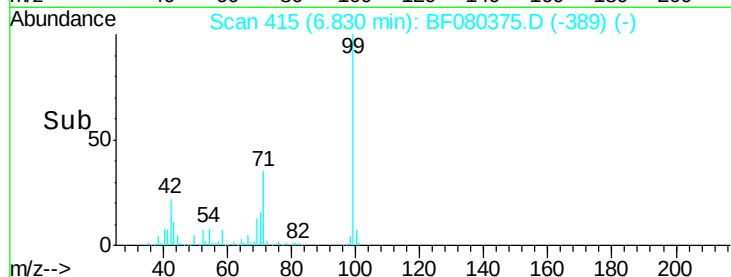
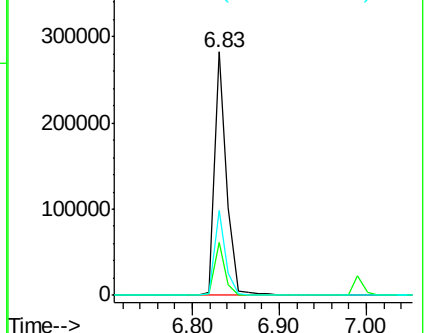
71 34.9 28.5 42.7



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: BF080375.D

Acq: 7 Jul 2015 16:49

Tgt Ion: 136 Resp: 111979

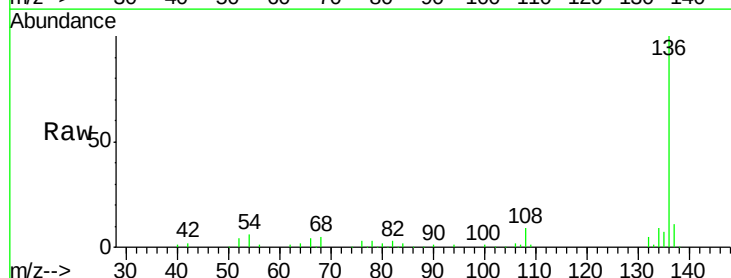
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.2 5.8 8.8

68 4.8 4.6 6.8

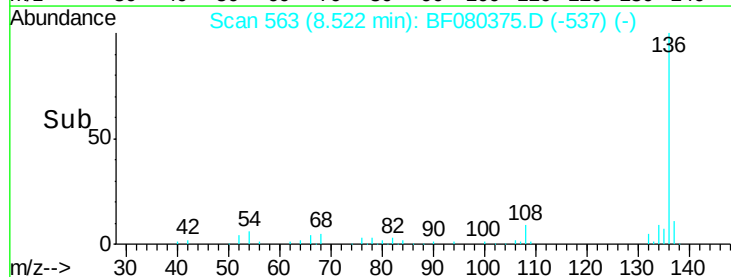
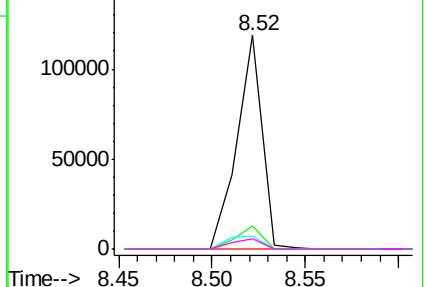


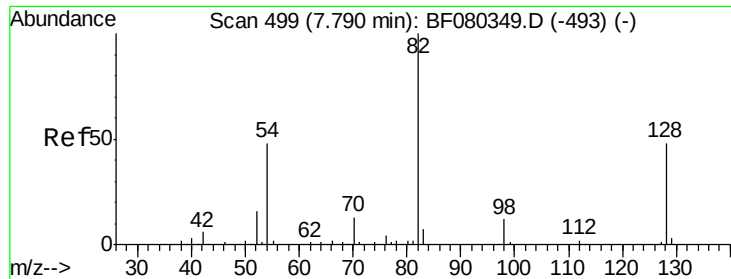
Abundance Ion 136.00 (135.70 to 136.70): E

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

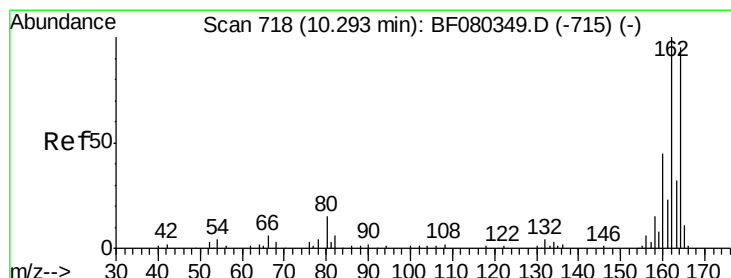
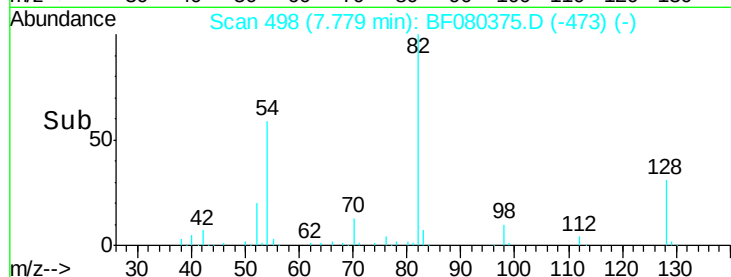
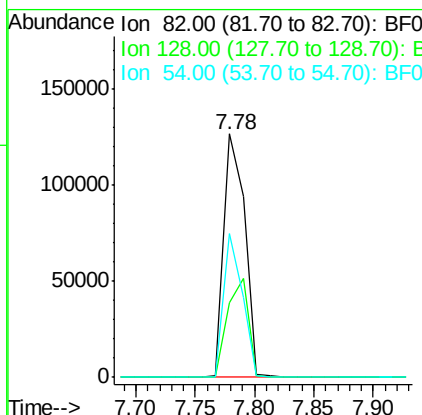
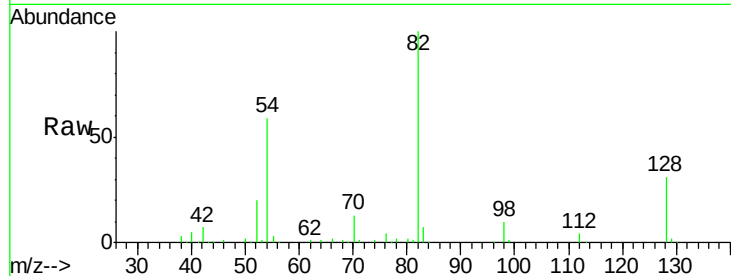




#23
 Nitrobenzene-d5
 Concen: 80.54 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF080375.D
 Acq: 7 Jul 2015 16:49

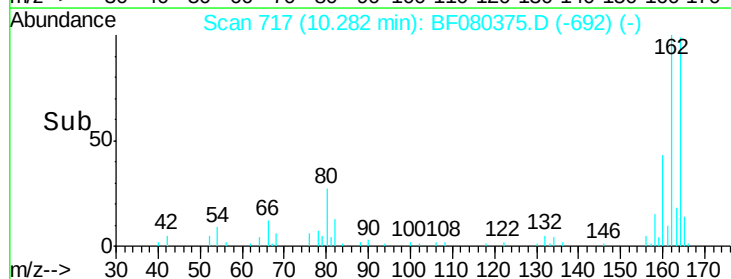
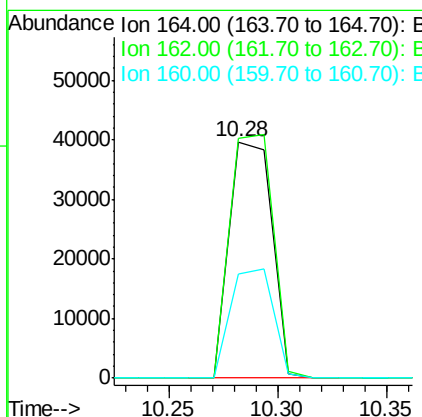
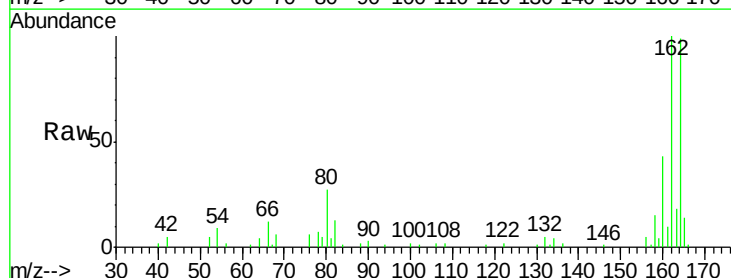
Instrument :
 BNA_F
 ClientSampleId :
 PB84384BL

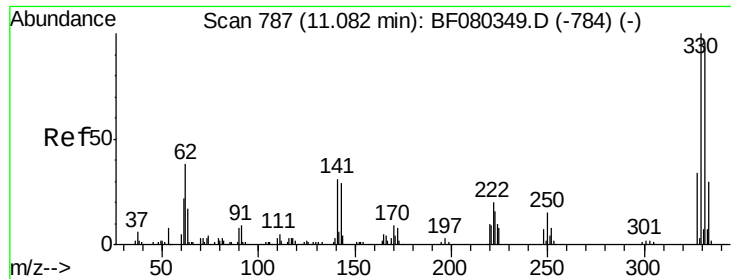
Tgt Ion: 82 Resp: 154623
 Ion Ratio Lower Upper
 82 100
 128 30.7 38.4 57.6#
 54 59.1 38.2 57.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.28 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: BF080375.D
 Acq: 7 Jul 2015 16:49

Tgt Ion: 164 Resp: 54017
 Ion Ratio Lower Upper
 164 100
 162 101.4 84.5 126.7
 160 44.0 37.7 56.5

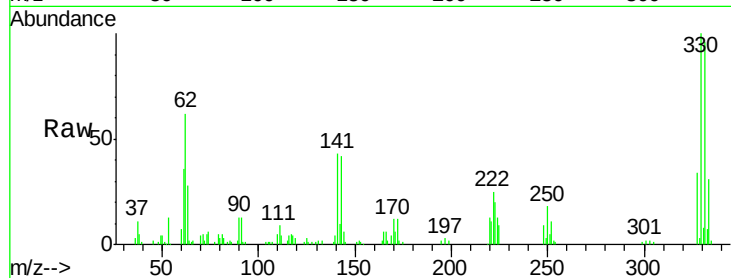




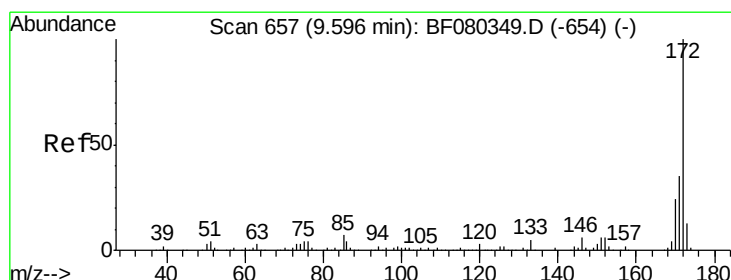
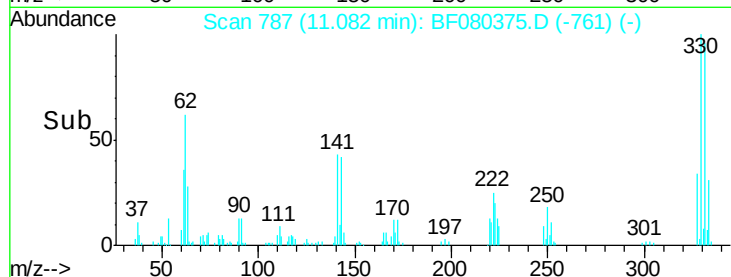
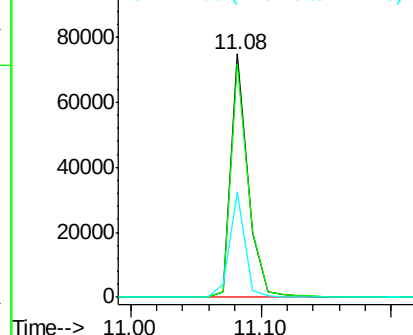
#41
 2,4,6-Tribromophenol
 Concen: 121.26 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF080375.D
 Acq: 7 Jul 2015 16:49

Instrument :
 BNA_F
 ClientSampleId :
 PB84384BL

Tgt Ion:330 Resp: 68539
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.4
 141 39.2 29.6 44.4

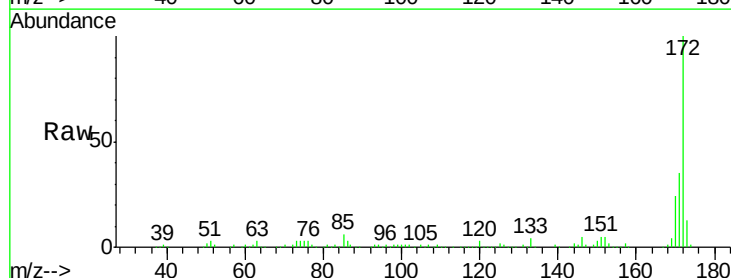


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

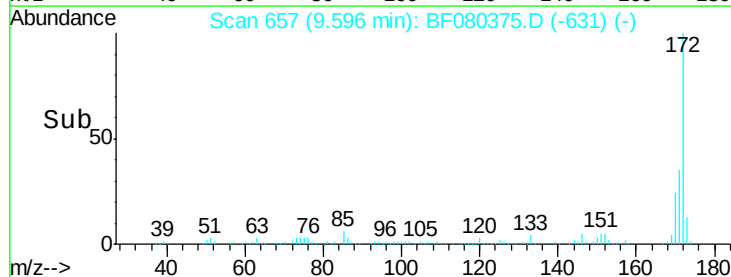
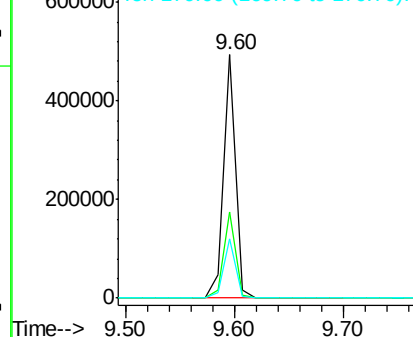


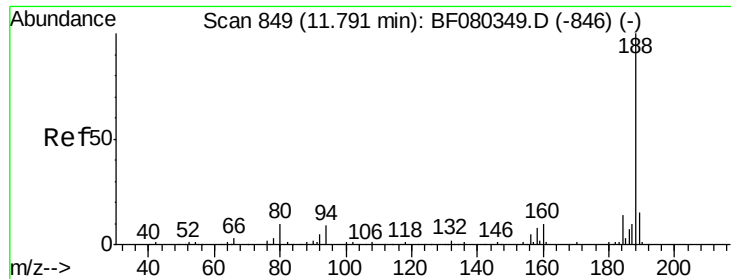
#44
 2-Fluorobiphenyl
 Concen: 96.18 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF080375.D
 Acq: 7 Jul 2015 16:49

Tgt Ion:172 Resp: 384980
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.3 42.5
 170 24.2 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.81 min Scan# 851

Delta R.T. 0.02 min

Lab File: BF080375.D

Acq: 7 Jul 2015 16:49

Instrument :

BNA_F

ClientSampleId :

PB84384BL

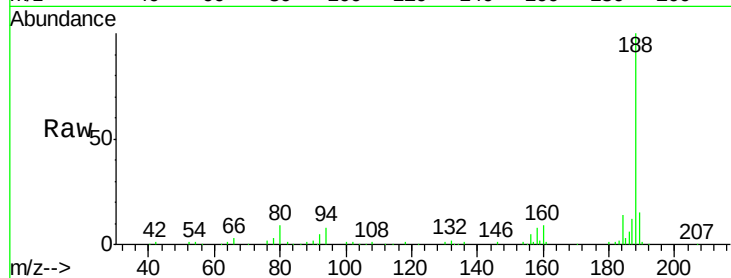
Tgt Ion:188 Resp: 119940

Ion Ratio Lower Upper

188 100

94 8.3 7.5 11.3

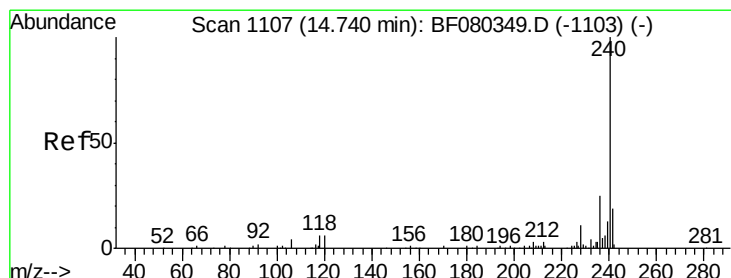
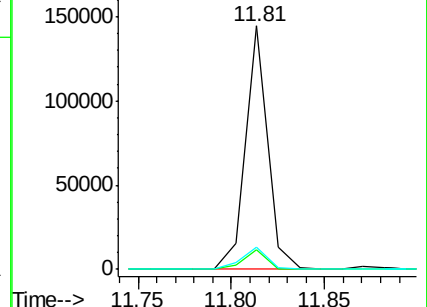
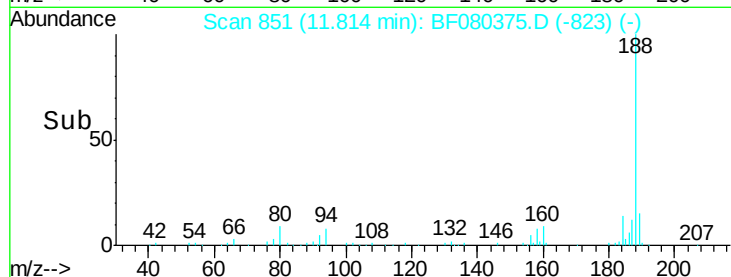
80 9.3 8.3 12.5



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.99 min Scan# 1129

Delta R.T. 0.25 min

Lab File: BF080375.D

Acq: 7 Jul 2015 16:49

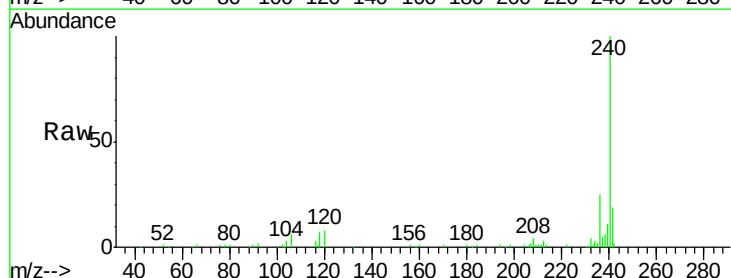
Tgt Ion:240 Resp: 118267

Ion Ratio Lower Upper

240 100

120 7.9 5.1 7.7#

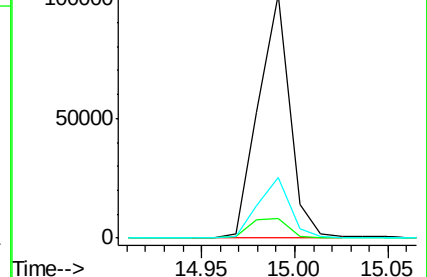
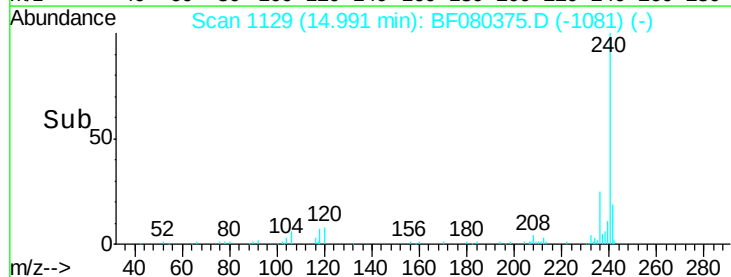
236 24.6 20.4 30.6

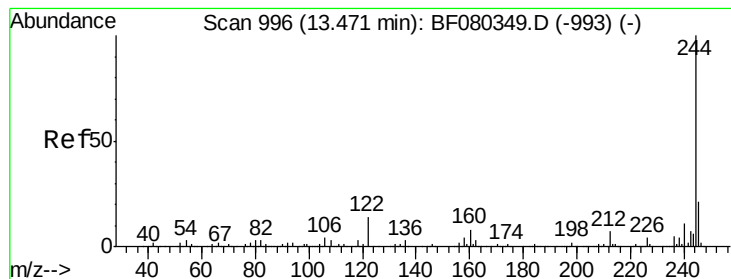


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.68 ng

RT: 13.62 min Scan# 1009

Delta R.T. 0.15 min

Lab File: BF080375.D

Acq: 7 Jul 2015 16:49

Instrument :

BNA_F

ClientSampleId :

PB84384BL

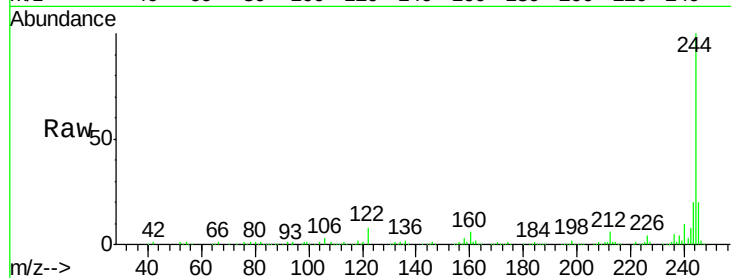
Tgt Ion:244 Resp: 449633

Ion Ratio Lower Upper

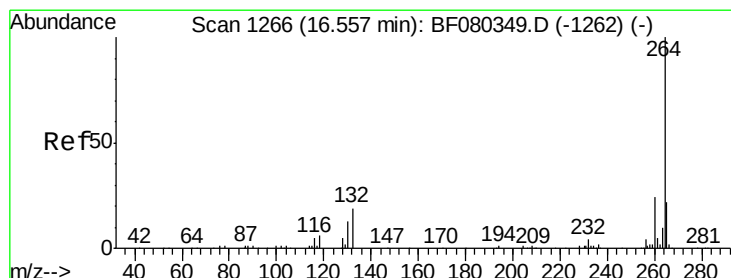
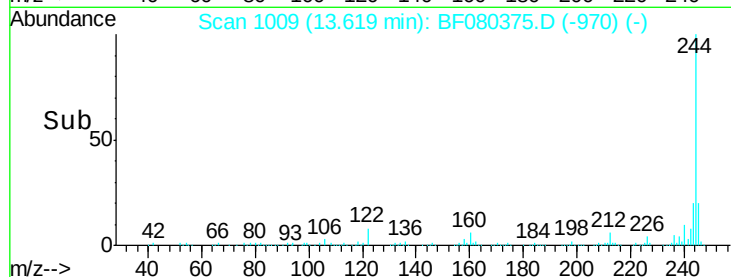
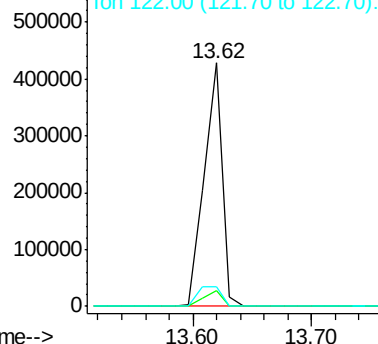
244 100

212 6.5 5.8 8.8

122 8.0 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: 16.97 min Scan# 1302

Delta R.T. 0.41 min

Lab File: BF080375.D

Acq: 7 Jul 2015 16:49

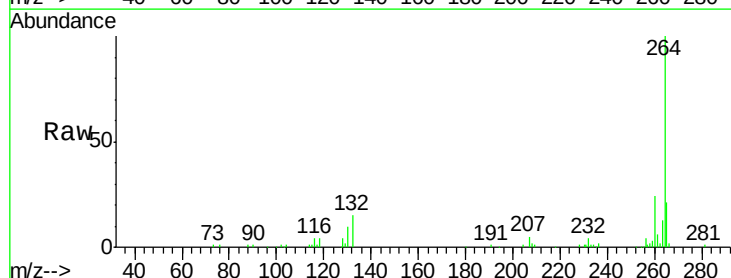
Tgt Ion:264 Resp: 113938

Ion Ratio Lower Upper

264 100

260 23.8 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

