

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
 Data File : BF087020.D
 Acq On : 14 May 2016 15:14
 Operator : UM/SJ
 Sample : H2990-05
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C7-GW

Quant Time: May 16 02:09:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 16 01:11:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	126836	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	523596	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	253337	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	437962	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	323437	20.00	ng	-0.01
86) Perylene-d12	15.11	264	263153	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	557230	74.40	ng	0.00
7) Phenol-d6	6.27	99	508816	50.83	ng	-0.01
23) Nitrobenzene-d5	7.19	82	962196	92.27	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	348894	130.09	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1513380	100.40	ng	0.00
78) Terphenyl-d14	12.71	244	1135501	74.49	ng	0.00

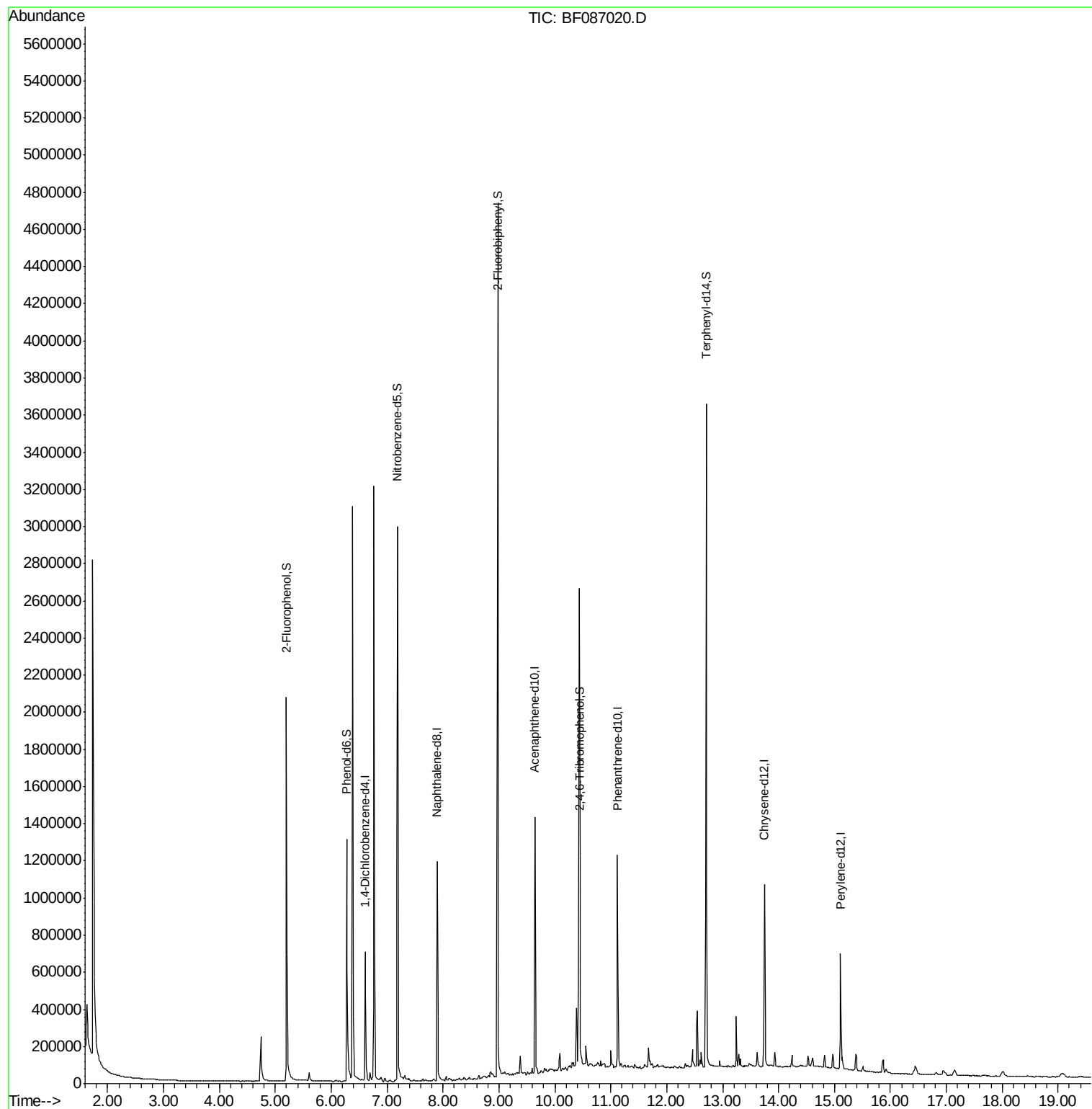
Target Compounds Qvalue

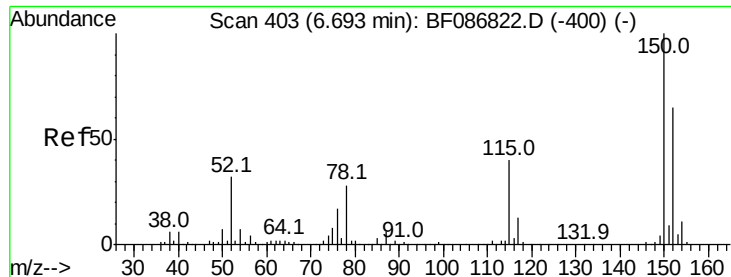
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087020.D
Acq On : 14 May 2016 15:14
Operator : UM/SJ
Sample : H2990-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

Quant Time: May 16 02:09:53 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 16 01:11:12 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF087020.D

Acq: 14 May 2016 15:14

Instrument :

BNA_F

ClientSampleId :

OWL-C7-GW

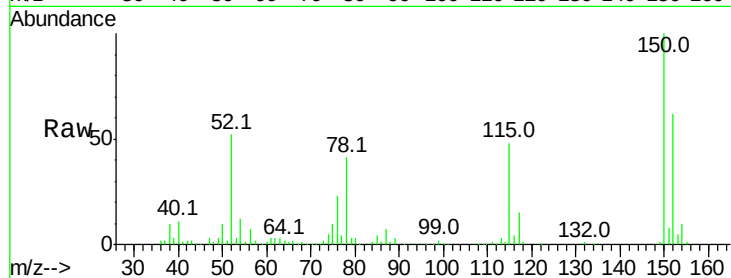
Tot Ion:152 Resp: 126836

Ion Ratio Lower Upper

152 100

150 162.3 125.8 188.6

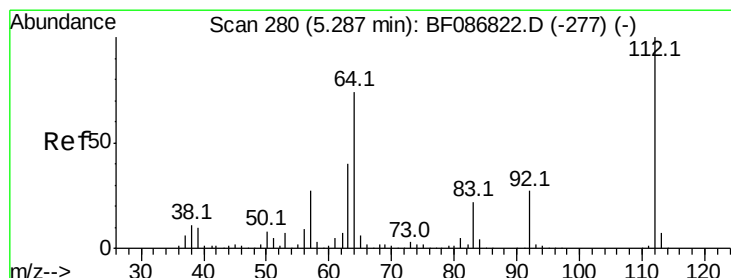
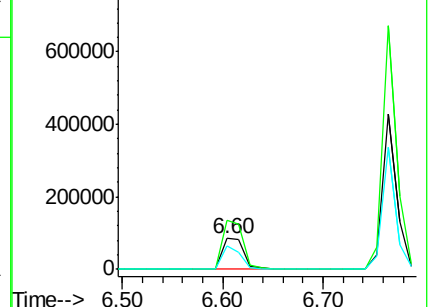
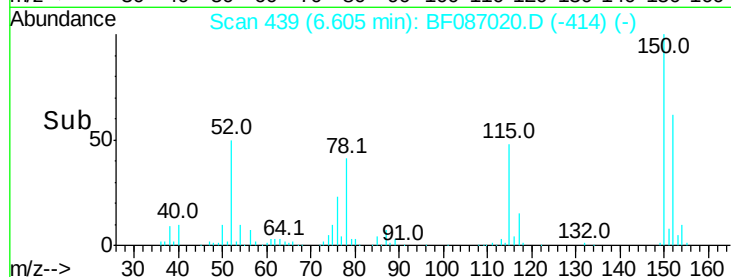
115 77.6 51.5 77.3#



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: 74.40 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF087020.D

Acq: 14 May 2016 15:14

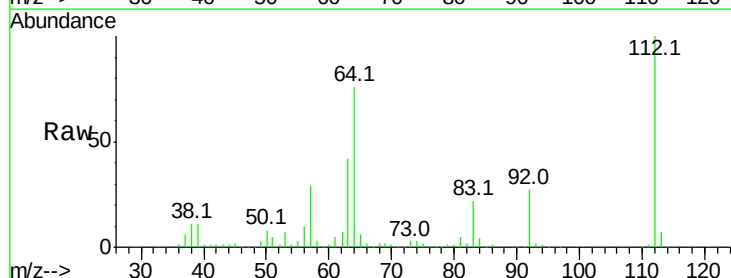
Tgt Ion:112 Resp: 557230

Ion Ratio Lower Upper

112 100

64 76.2 52.1 78.1

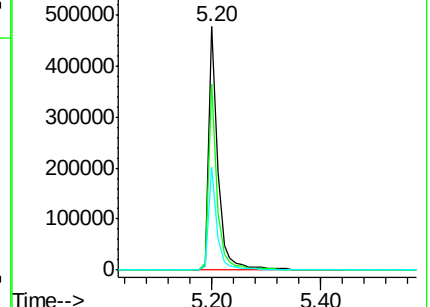
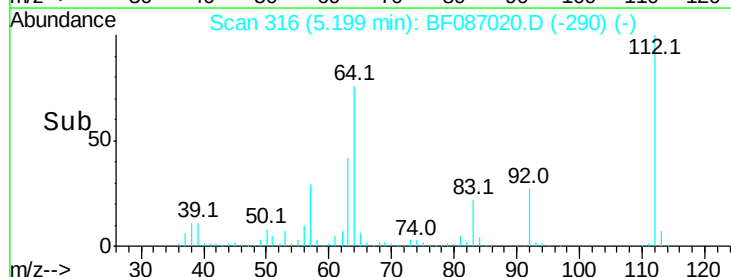
63 42.1 25.7 38.5#

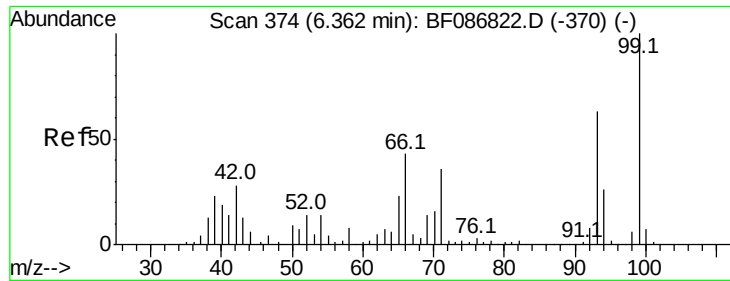


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 50.83 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF087020.D

Acq: 14 May 2016 15:14

Instrument :

BNA_F

ClientSampleId :

OWL-C7-GW

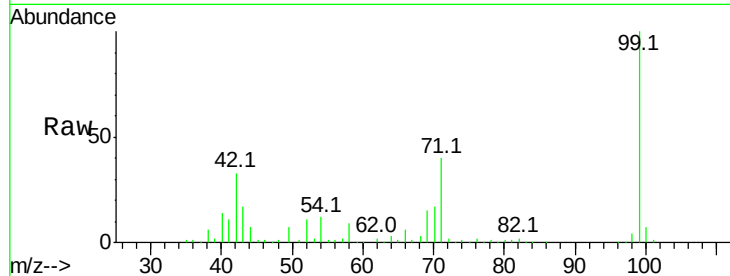
Tot Ion: 99 Resp: 508816

Ion Ratio Lower Upper

99 100

42 33.4 13.6 20.4#

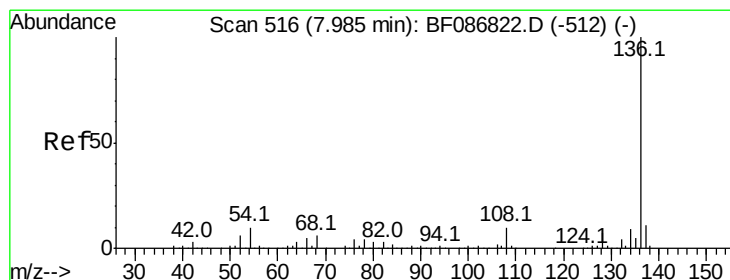
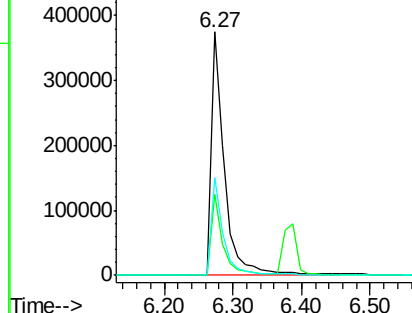
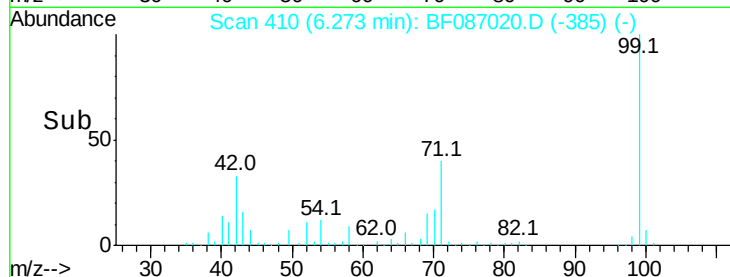
71 40.1 24.6 36.8#



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: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF087020.D

Acq: 14 May 2016 15:14

Tgt Ion: 136 Resp: 523596

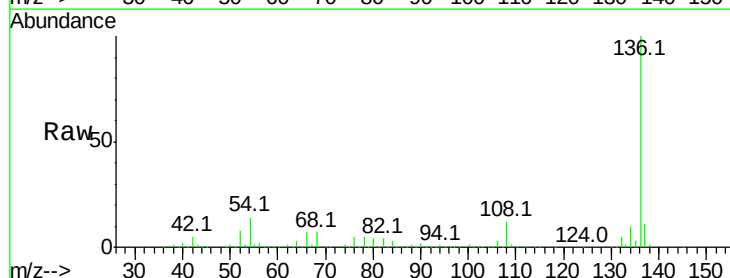
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 14.2 5.0 7.4#

68 7.4 4.4 6.6#

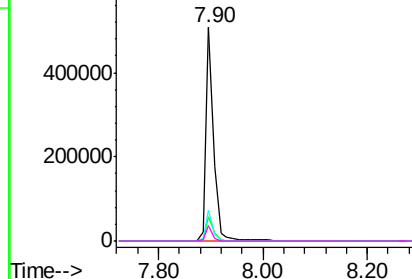
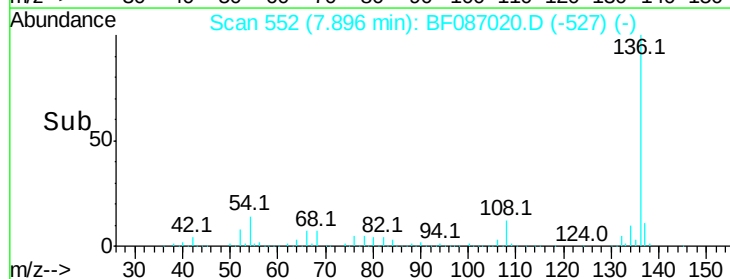


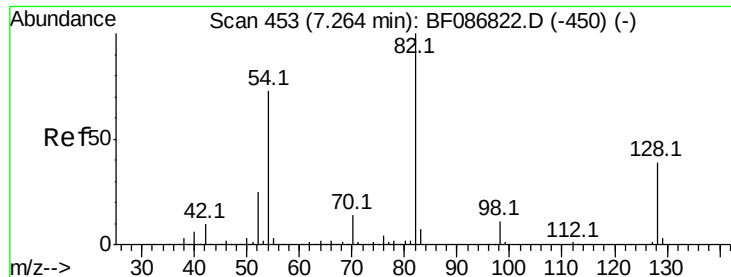
Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.27 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF087020.D

Acq: 14 May 2016 15:14

Instrument :

BNA_F

ClientSampleId :

OWL-C7-GW

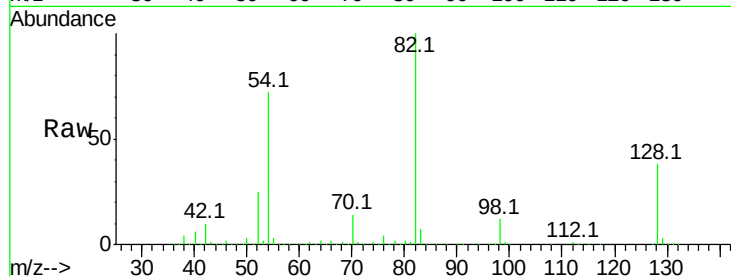
Tot Ion: 82 Resp: 962196

Ion Ratio Lower Upper

82 100

128 38.4 40.6 61.0#

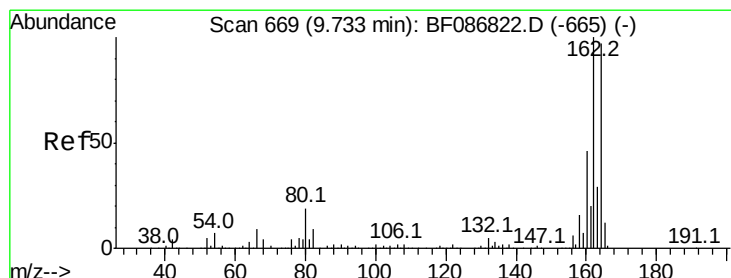
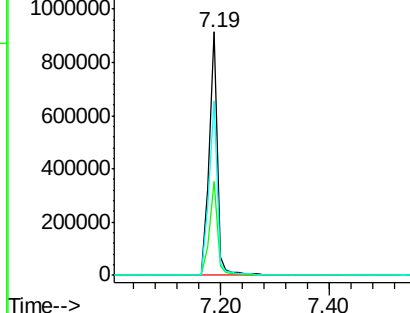
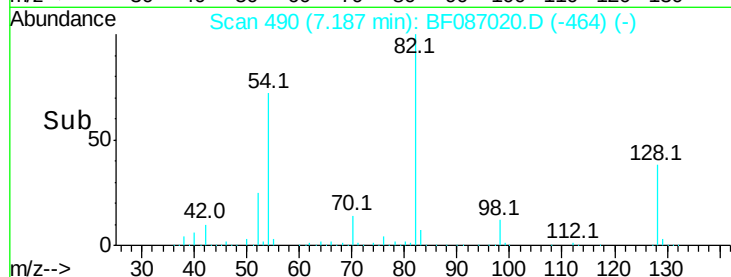
54 71.8 38.1 57.1#



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: 9.64 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF087020.D

Acq: 14 May 2016 15:14

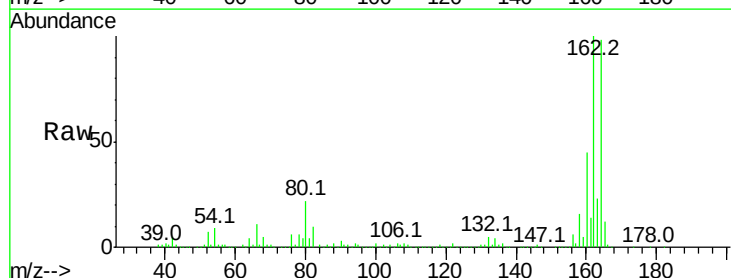
Tgt Ion:164 Resp: 253337

Ion Ratio Lower Upper

164 100

162 102.6 82.8 124.2

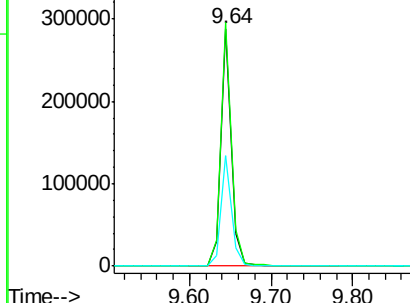
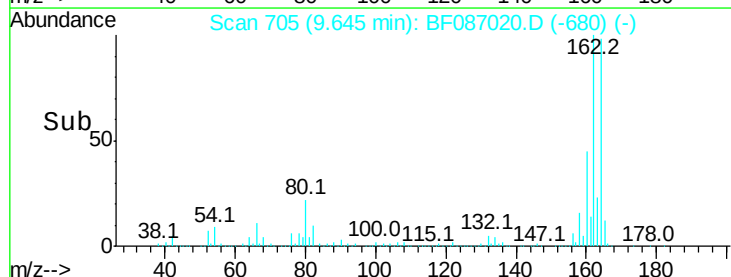
160 46.5 36.9 55.3

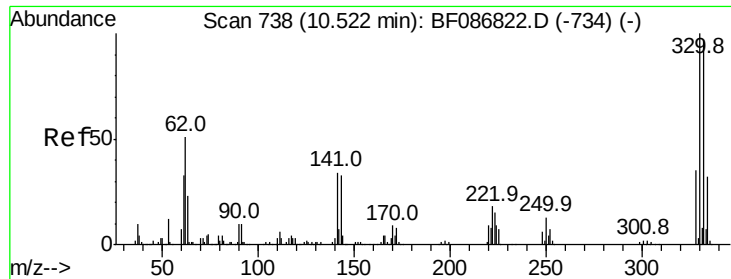


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

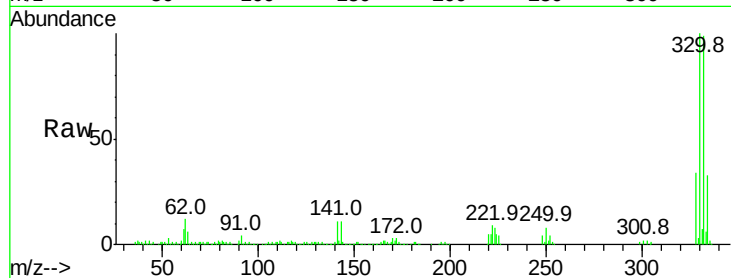




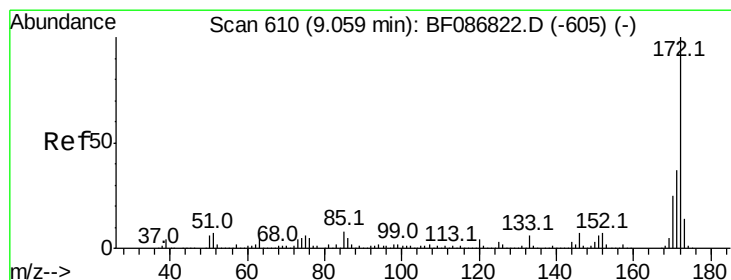
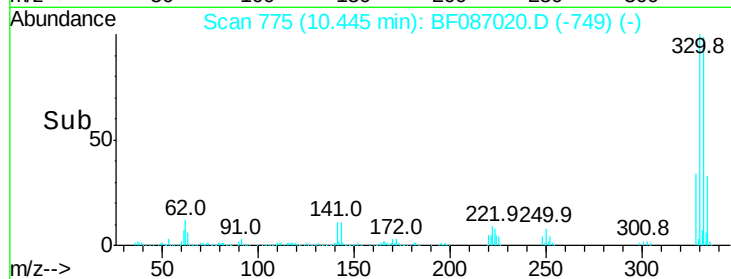
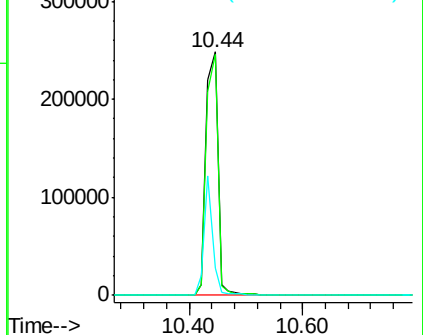
#41
 2,4,6-Tribromophenol
 Concen: 130.09 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF087020.D
 Acq: 14 May 2016 15:14

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C7-GW

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.0	118.4
141	34.8	31.2	46.8

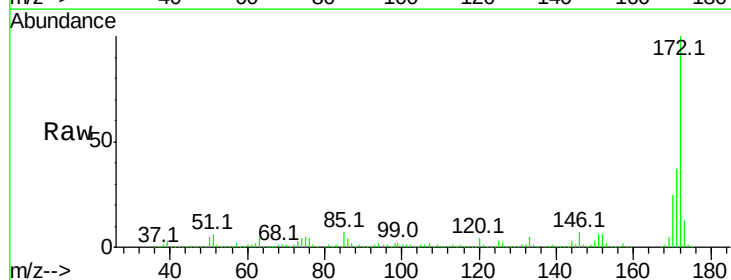


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

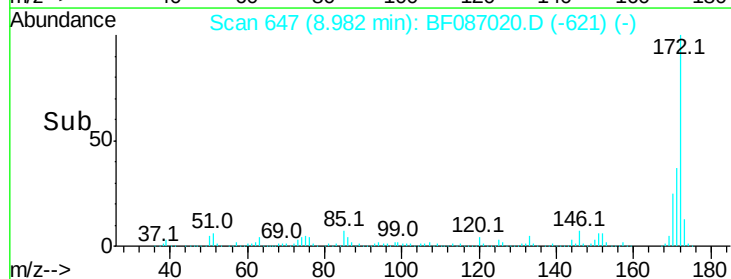
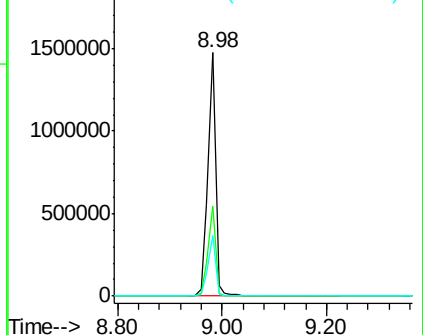


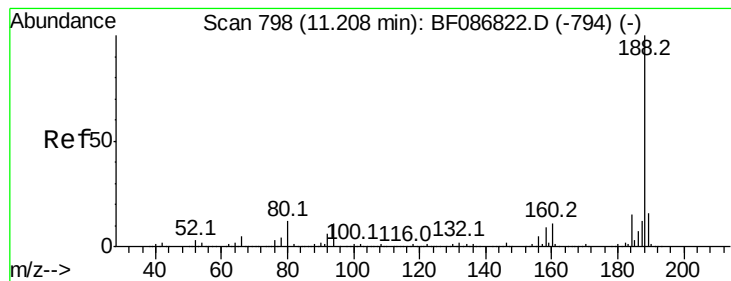
#44
 2-Fluorobiphenyl
 Concen: 100.40 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF087020.D
 Acq: 14 May 2016 15:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.6
170	24.9	19.8	29.8



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: 11.12 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF087020.D

Acq: 14 May 2016 15:14

Instrument :

BNA_F

ClientSampleId :

OWL-C7-GW

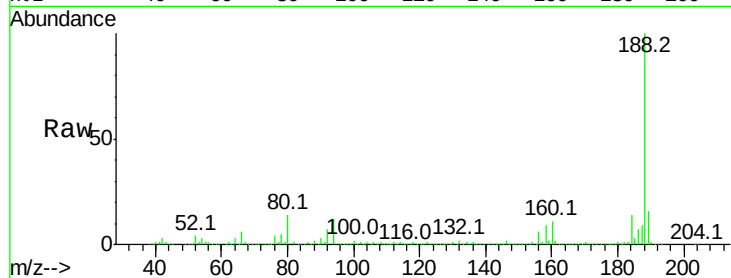
Tot Ion:188 Resp: 437962

Ion Ratio Lower Upper

188 100

94 12.4 6.8 10.2#

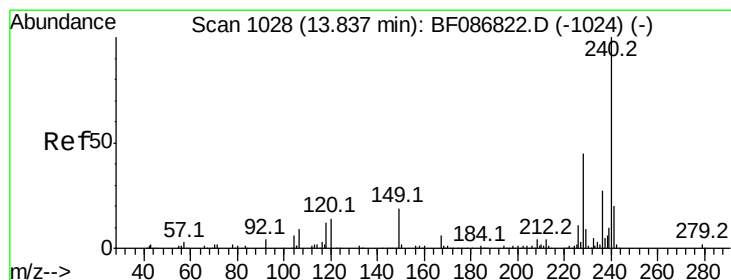
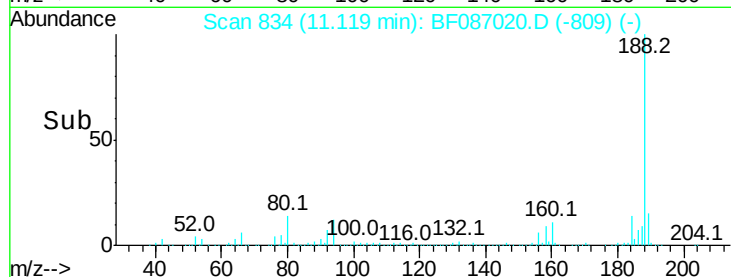
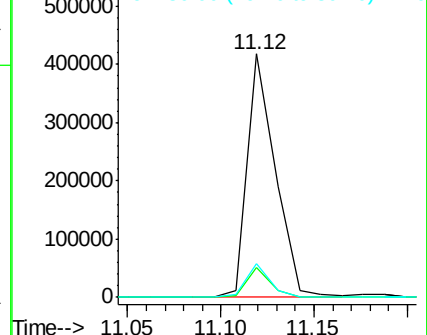
80 14.0 7.1 10.7#



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: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF087020.D

Acq: 14 May 2016 15:14

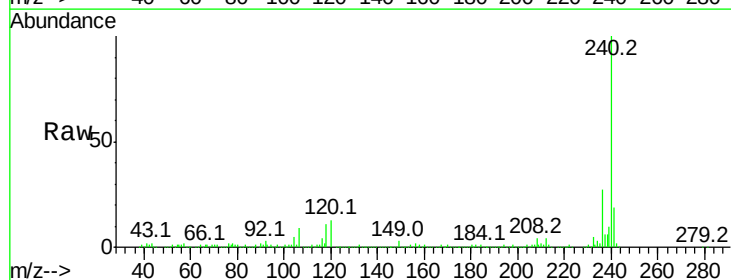
Tgt Ion:240 Resp: 323437

Ion Ratio Lower Upper

240 100

120 12.5 11.2 16.8

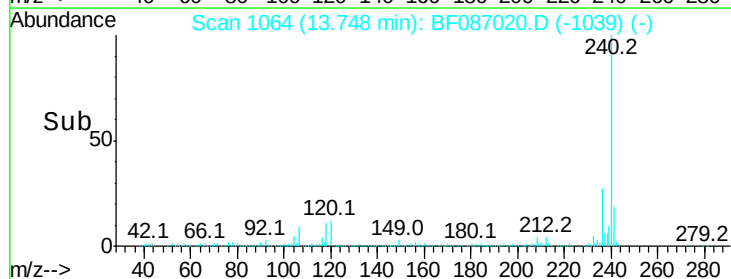
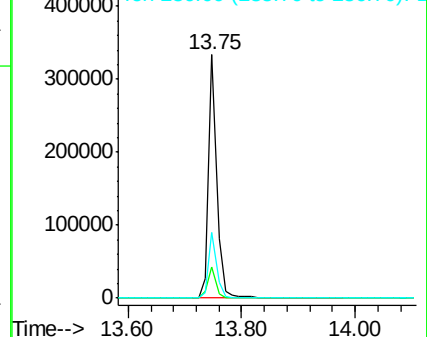
236 26.8 21.2 31.8

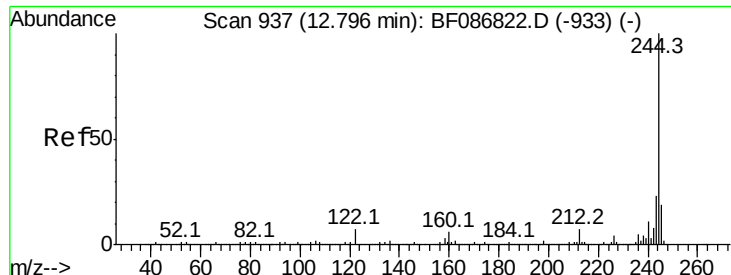


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.49 ng

RT: 12.71 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF087020.D

Acq: 14 May 2016 15:14

Instrument :

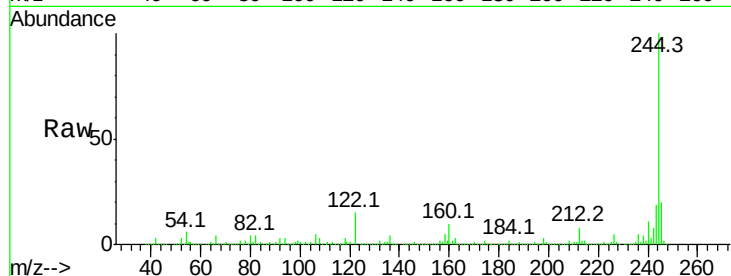
BNA_F

ClientSampleId :

OWL-C7-GW

Tot Ion:244 Resp: 1135501

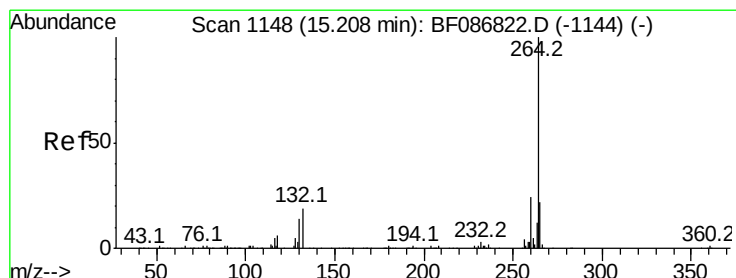
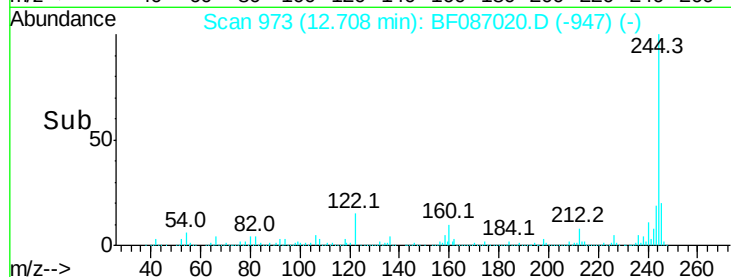
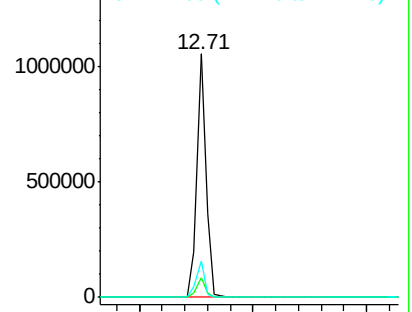
Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.2
122	14.9	12.0	18.0



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: 15.11 min Scan# 1183

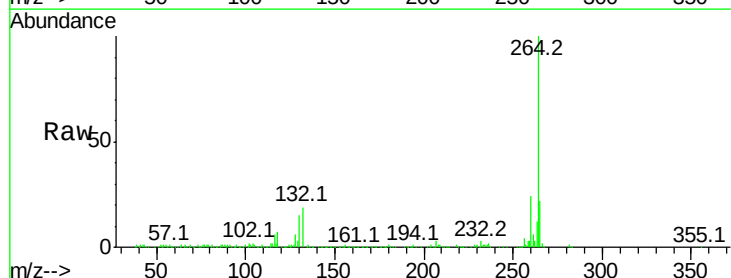
Delta R.T. 0.00 min

Lab File: BF087020.D

Acq: 14 May 2016 15:14

Tgt Ion:264 Resp: 263153

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.0	17.3	25.9



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

