

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087064.D
 Acq On : 15 May 2016 12:34
 Operator : UM/SJ
 Sample : H3053-01
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-13

Quant Time: May 16 07:33:56 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 05:03:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	126326	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	524343	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	256863	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	434655	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	312036	20.00	ng	-0.01
86) Perylene-d12	15.11	264	289533	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	472971	63.41	ng	0.01
7) Phenol-d6	6.28	99	454866	45.63	ng	0.00
23) Nitrobenzene-d5	7.19	82	924357	88.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.43	330	305023	112.17	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1472205	96.33	ng	0.00
78) Terphenyl-d14	12.71	244	1133032	77.04	ng	0.00

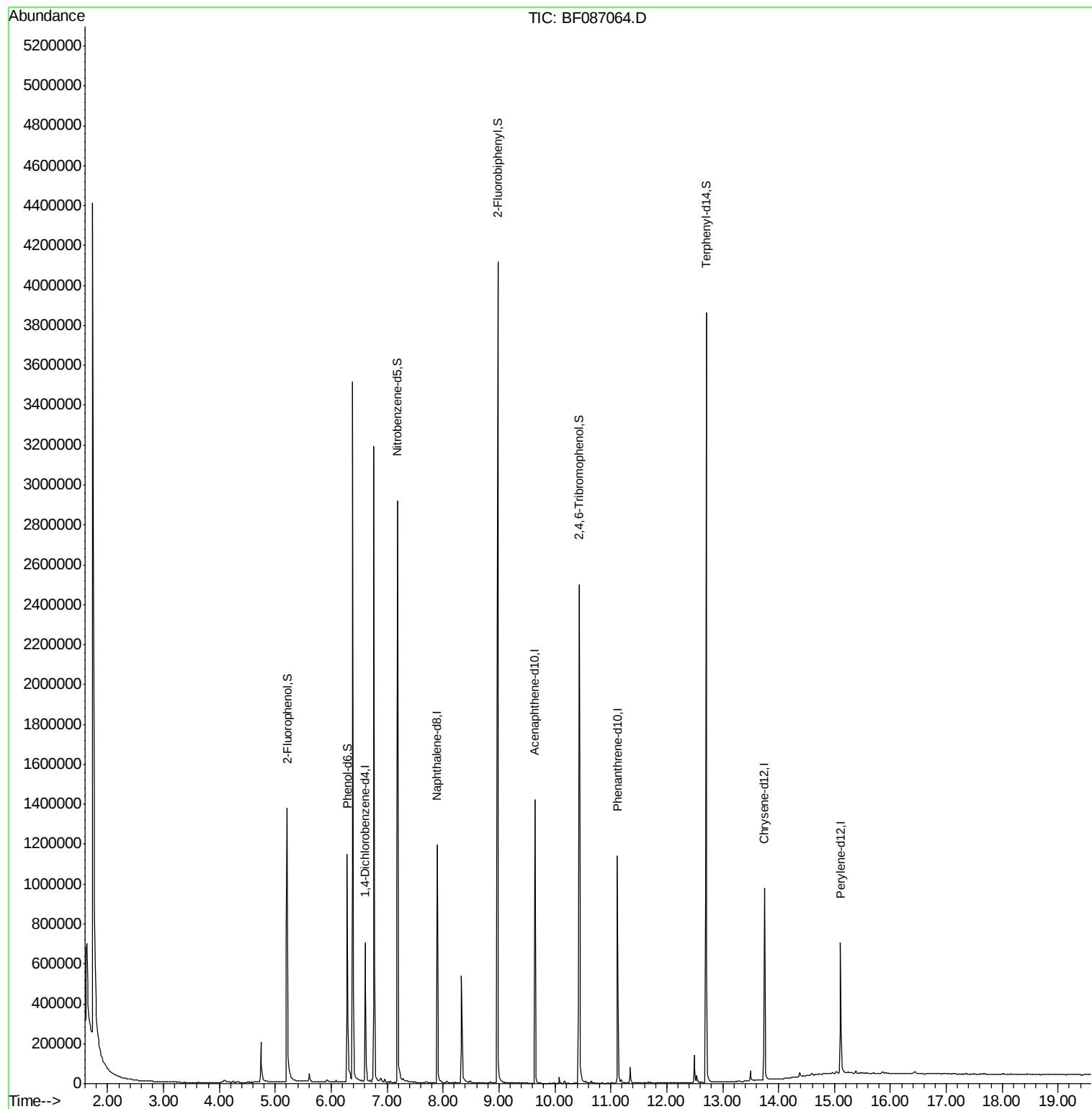
Target Compounds	Qvalue
------------------	--------

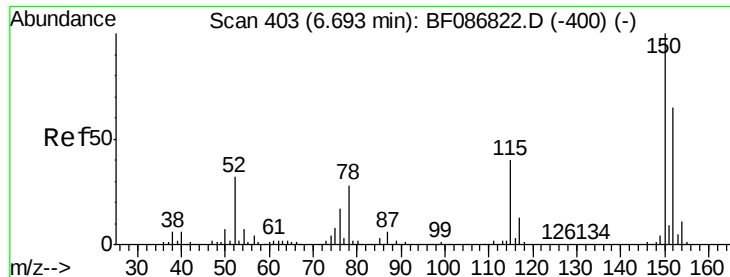
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087064.D
Acq On : 15 May 2016 12:34
Operator : UM/SJ
Sample : H3053-01
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-13

Quant Time: May 16 07:33:56 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 05:03:47 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: BF087064.D

Acq: 15 May 2016 12:34

Instrument :

BNA_F

ClientSampled :

W-13

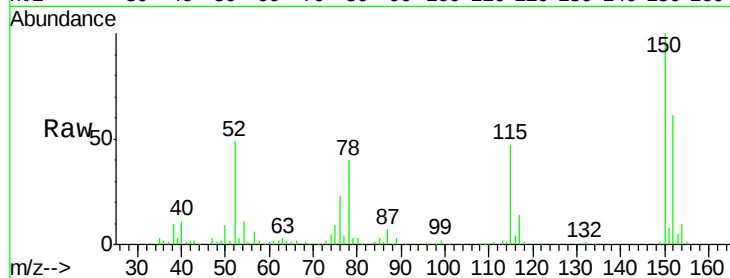
Tgt Ion:152 Resp: 126326

Ion Ratio Lower Upper

152 100

150 164.3 125.8 188.6

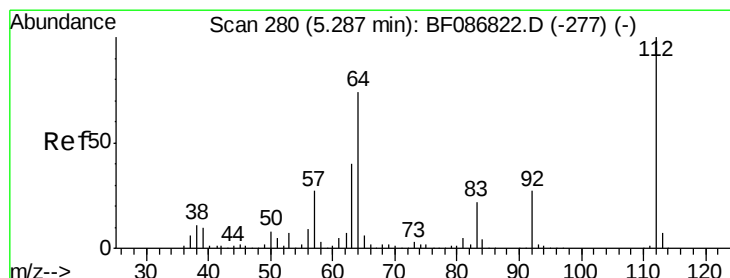
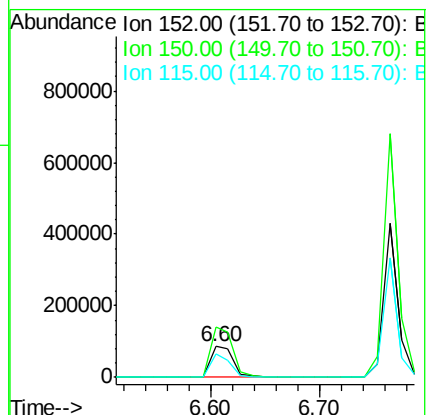
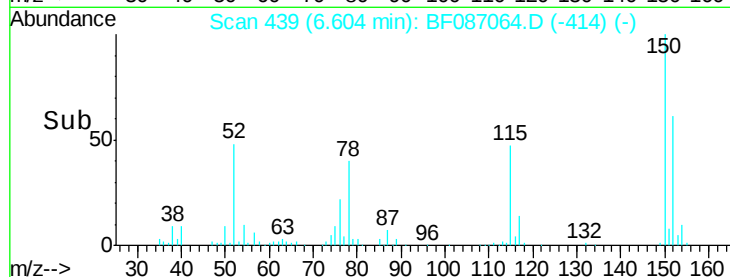
115 77.2 51.5 77.3



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: 63.41 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF087064.D

Acq: 15 May 2016 12:34

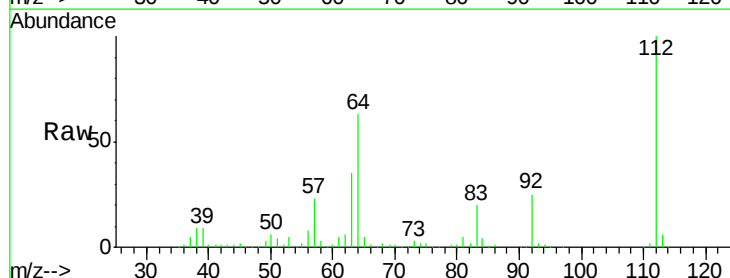
Tgt Ion:112 Resp: 472971

Ion Ratio Lower Upper

112 100

64 63.4 52.1 78.1

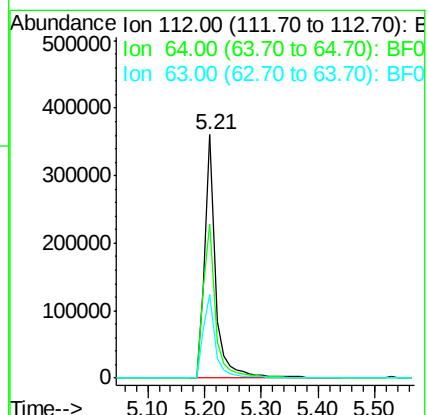
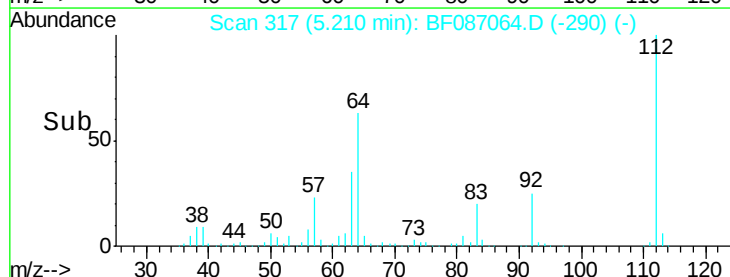
63 34.5 25.7 38.5

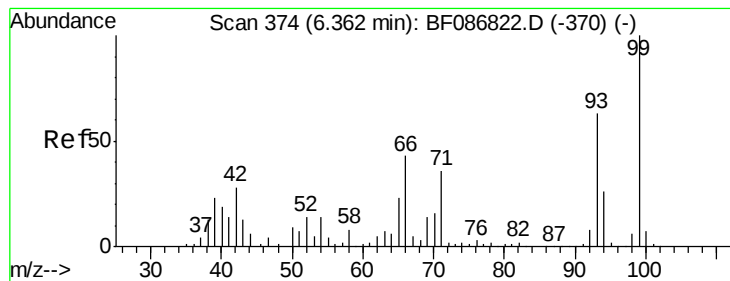


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.63 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF087064.D

Acq: 15 May 2016 12:34

Instrument :

BNA_F

ClientSampleId :

W-13

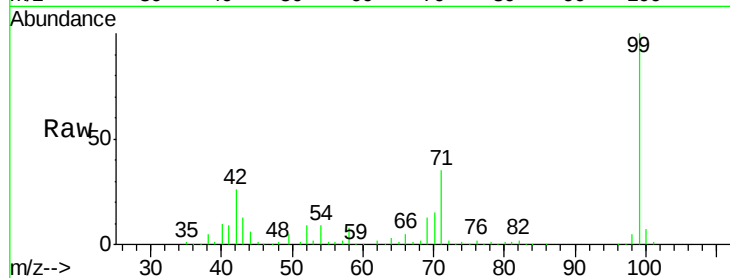
Tgt Ion: 99 Resp: 454866

Ion Ratio Lower Upper

99 100

42 26.1 13.6 20.4#

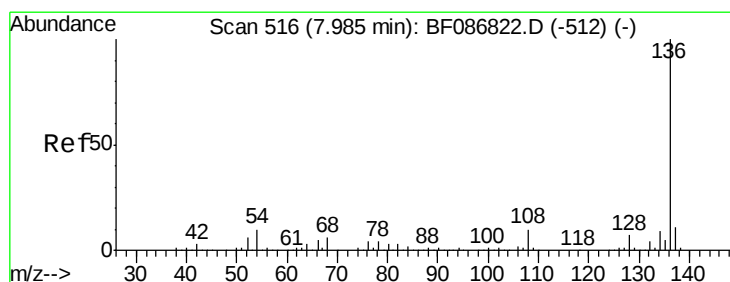
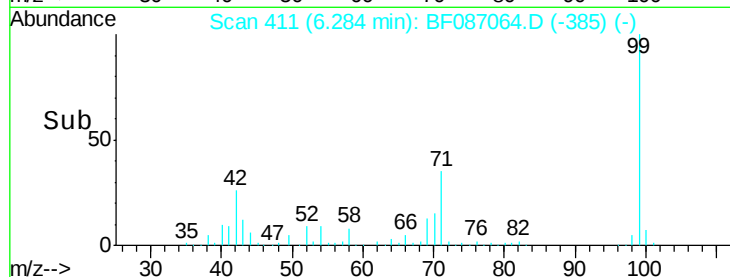
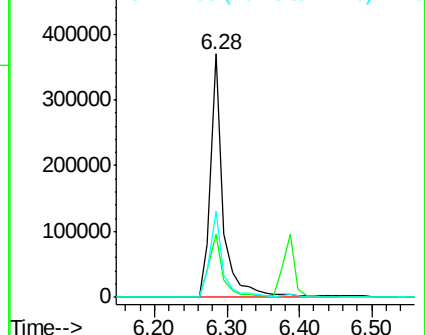
71 35.3 24.6 36.8



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: BF087064.D

Acq: 15 May 2016 12:34

Tgt Ion: 136 Resp: 524343

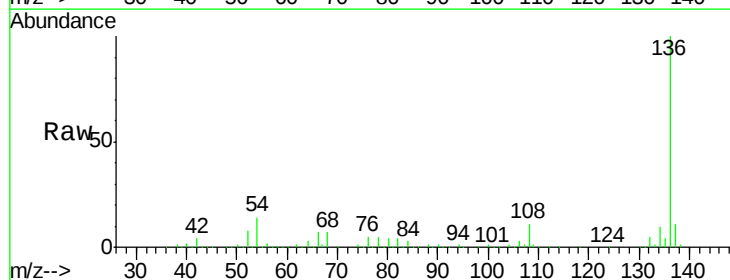
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 13.6 5.0 7.4#

68 7.0 4.4 6.6#

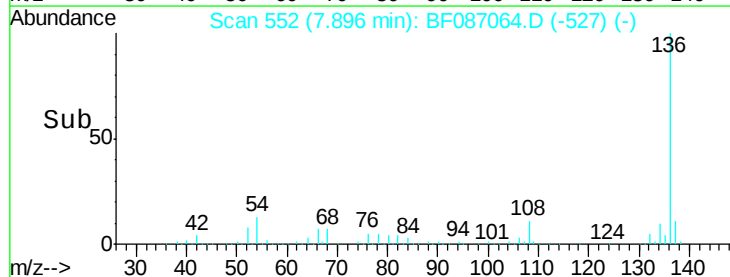
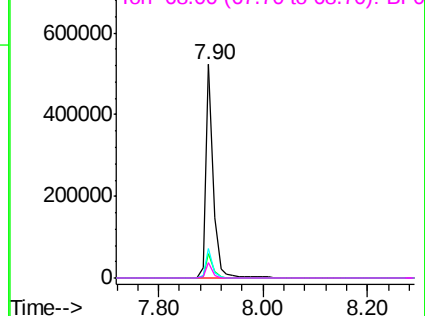


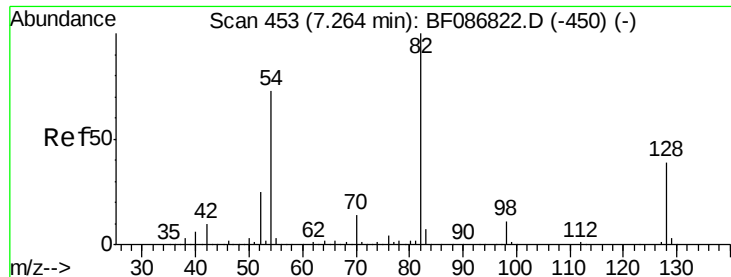
Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.52 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF087064.D

Acq: 15 May 2016 12:34

Instrument :

BNA_F

ClientSampleId :

W-13

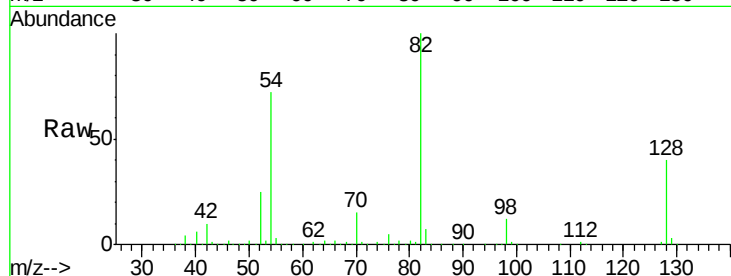
Tgt Ion: 82 Resp: 924357

Ion Ratio Lower Upper

82 100

128 39.6 40.6 61.0#

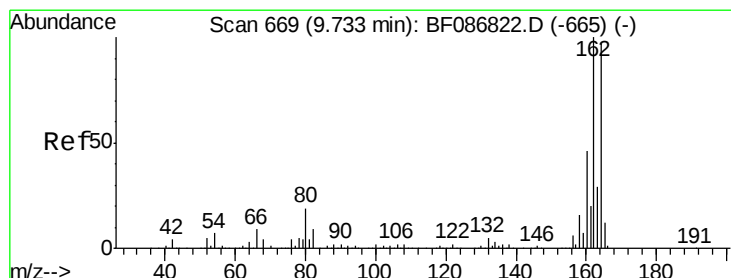
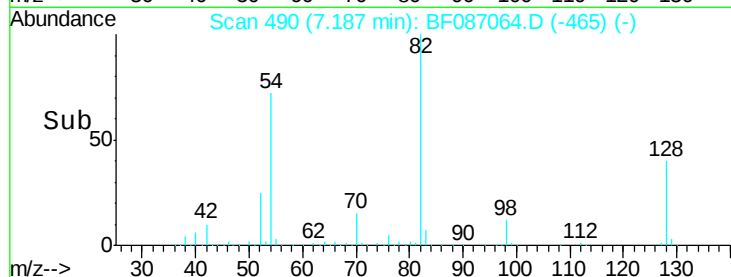
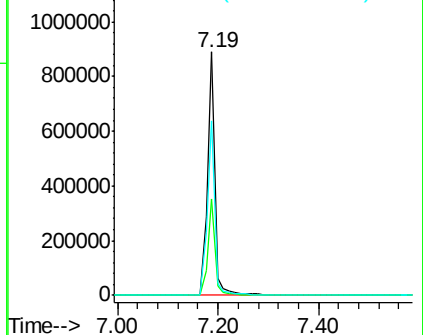
54 71.8 38.1 57.1#



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: BF087064.D

Acq: 15 May 2016 12:34

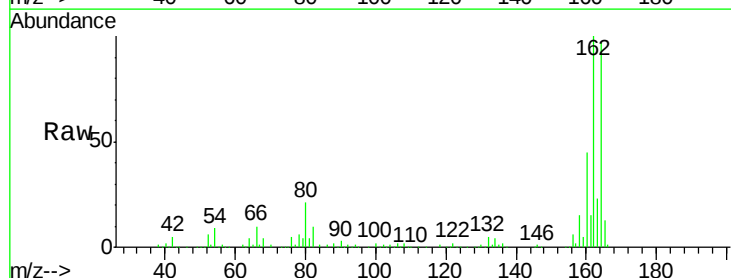
Tgt Ion: 164 Resp: 256863

Ion Ratio Lower Upper

164 100

162 103.4 82.8 124.2

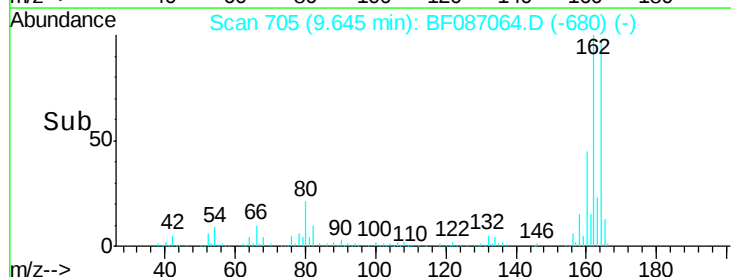
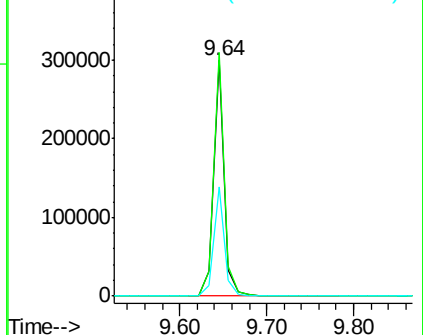
160 46.3 36.9 55.3

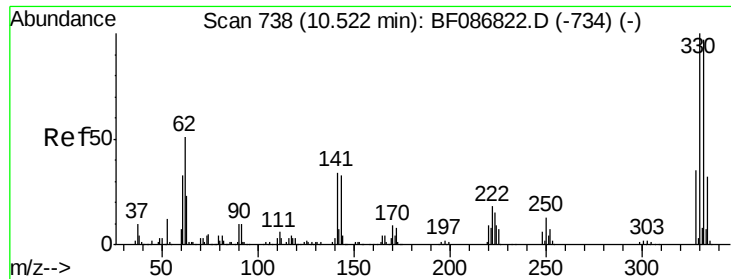


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

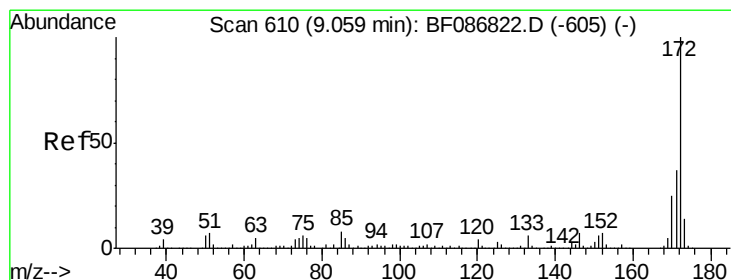
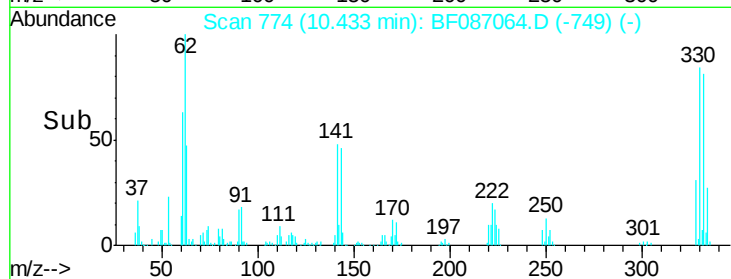
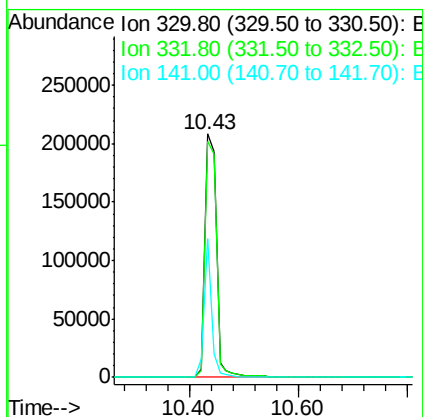
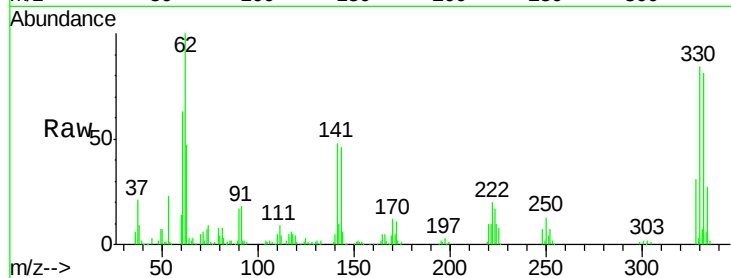




#41
 2,4,6-Tribromophenol
 Concen: 112.17 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF087064.D
 Acq: 15 May 2016 12:34

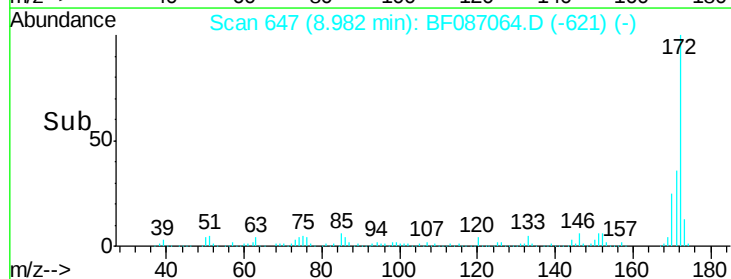
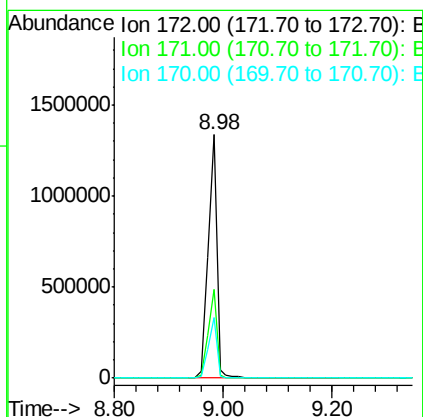
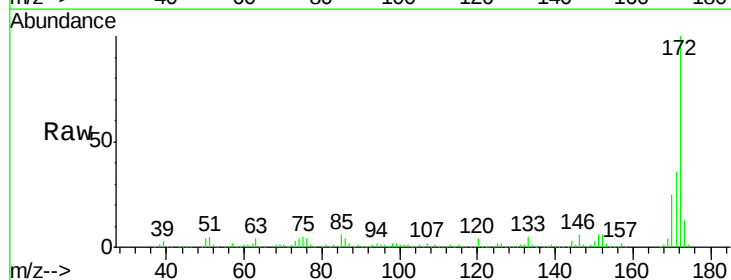
Instrument :
 BNA_F
 ClientSampled :
 W-13

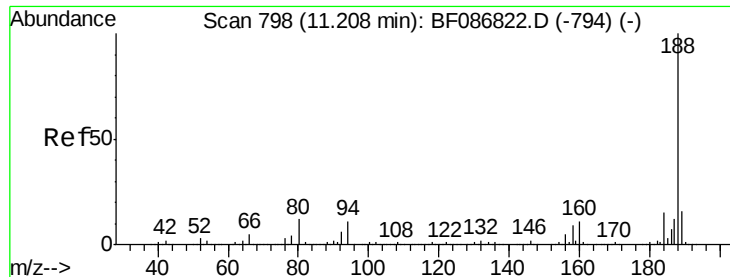
Tgt Ion:330 Resp: 305023
 Ion Ratio Lower Upper
 330 100
 332 97.3 79.0 118.4
 141 37.2 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 96.33 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF087064.D
 Acq: 15 May 2016 12:34

Tgt Ion:172 Resp: 1472205
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.7 19.8 29.8

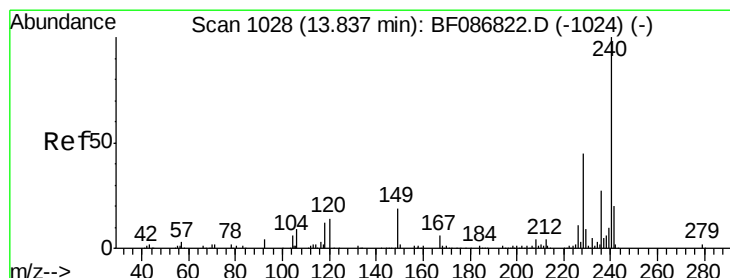
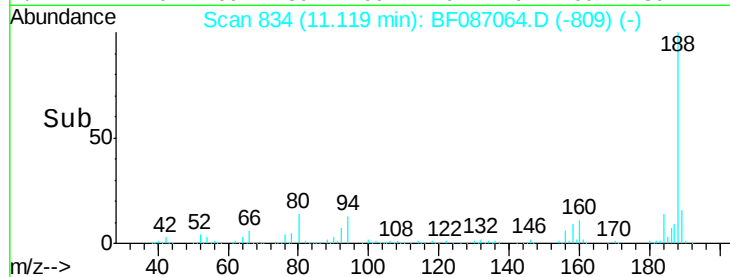
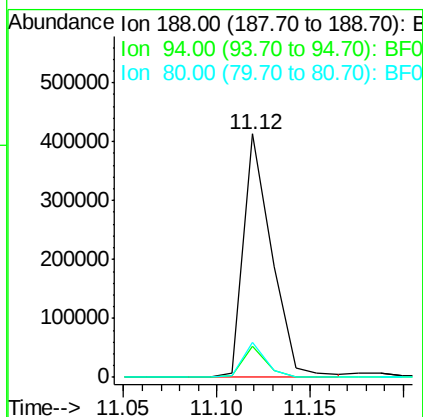
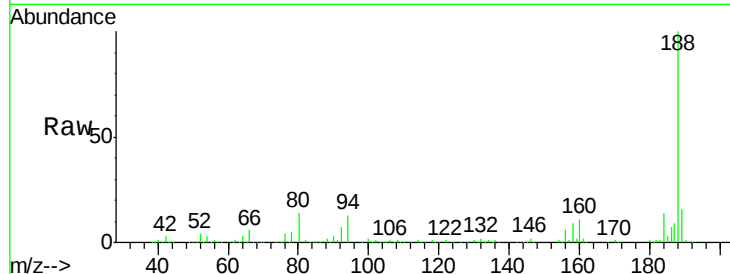




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF087064.D
Acq: 15 May 2016 12:34

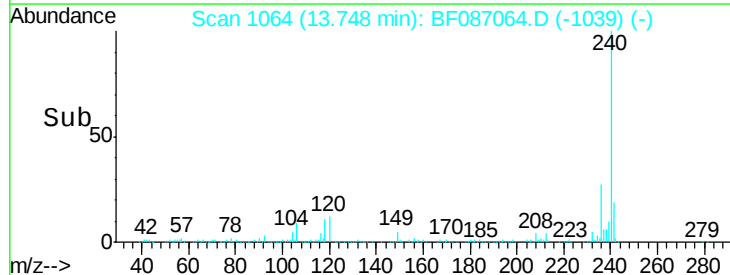
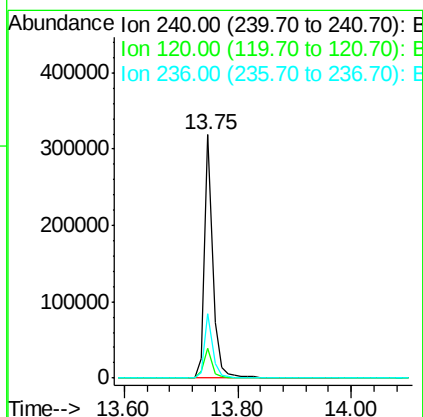
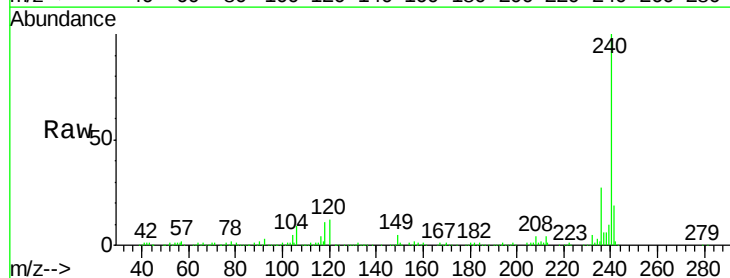
Instrument :
BNA_F
ClientSampled :
W-13

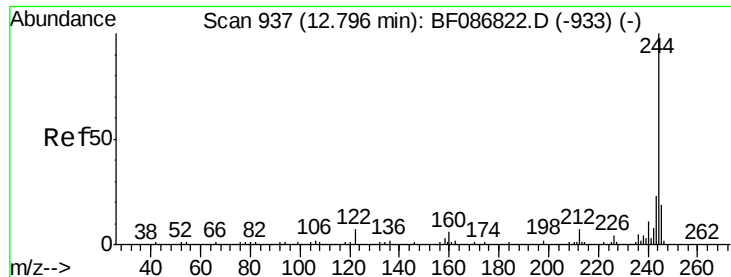
Tgt Ion:188 Resp: 434655
Ion Ratio Lower Upper
188 100
94 12.8 6.8 10.2#
80 14.1 7.1 10.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF087064.D
Acq: 15 May 2016 12:34

Tgt Ion:240 Resp: 312036
Ion Ratio Lower Upper
240 100
120 12.4 11.2 16.8
236 26.7 21.2 31.8





#78

Terphenyl-d14

Concen: 77.04 ng

RT: 12.71 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF087064.D

Acq: 15 May 2016 12:34

Instrument :

BNA_F

ClientSampleId :

W-13

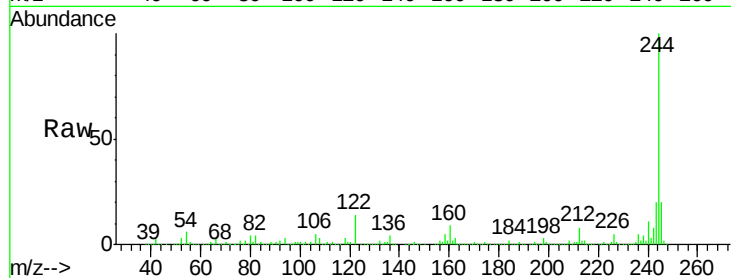
Tgt Ion:244 Resp: 1133032

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

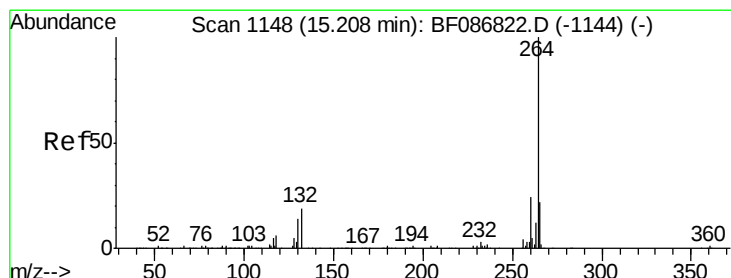
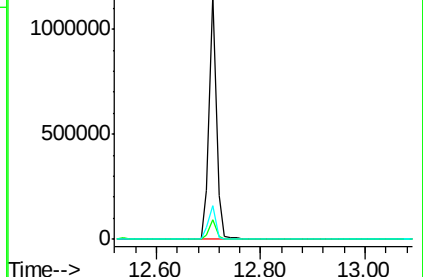
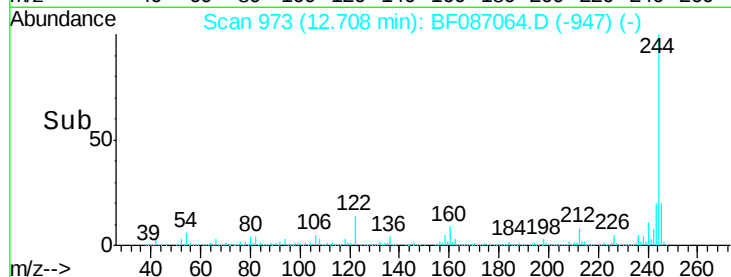
122 13.7 12.0 18.0



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: BF087064.D

Acq: 15 May 2016 12:34

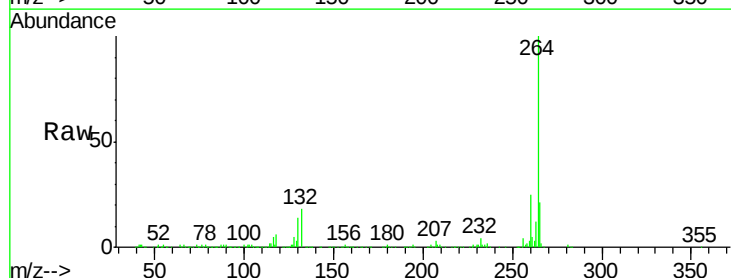
Tgt Ion:264 Resp: 289533

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.1 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

