

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087528.D
 Acq On : 30 May 2016 00:32
 Operator : UM/SJ
 Sample : H3222-13
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Quant Time: May 30 07:14:25 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 30 07:00:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	108160	20.00	ng	0.00
21) Naphthalene-d8	9.51	136	423565	20.00	ng	0.00
38) Acenaphthene-d10	12.33	164	195555	20.00	ng	0.00
63) Phenanthrene-d10	14.74	188	369190	20.00	ng	0.00
75) Chrysene-d12	18.46	240	266378	20.00	ng	0.01
86) Perylene-d12	20.15	264	188888	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	484874	78.77	ng	0.00
7) Phenol-d6	7.03	99	396794	47.71	ng	-0.01
23) Nitrobenzene-d5	8.39	82	707403	84.17	ng	-0.02
41) 2,4,6-Tribromophenol	13.62	330	233569	124.29	ng	-0.01
44) 2-Fluorobiphenyl	11.28	172	1209174	87.17	ng	-0.01
78) Terphenyl-d14	17.09	244	1097687	87.61	ng	-0.01

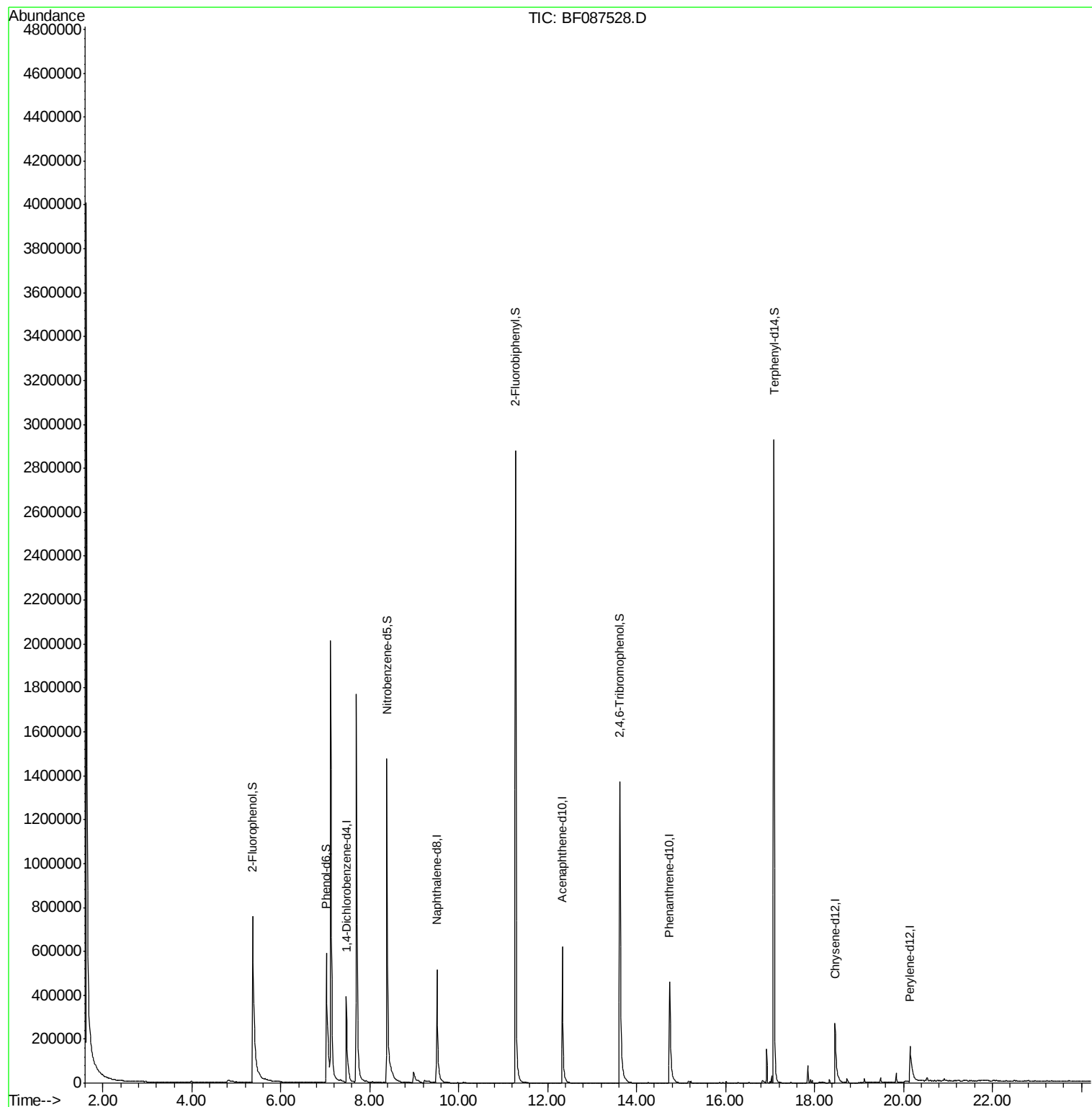
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087528.D
Acq On : 30 May 2016 00:32
Operator : UM/SJ
Sample : H3222-13
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-14

Quant Time: May 30 07:14:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 30 07:00:04 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF087528.D

Acq: 30 May 2016 00:32

Instrument :

BNA_F

ClientSampleId :

MW-14

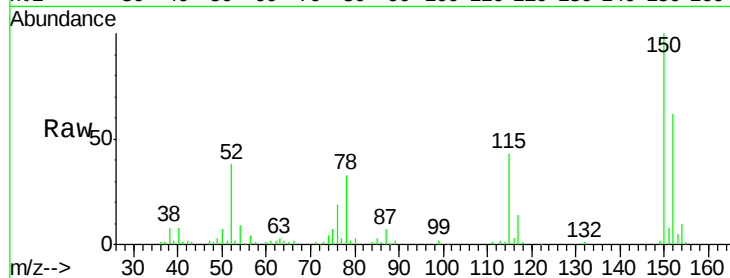
Tot Ion:152 Resp: 108160

Ion Ratio Lower Upper

152 100

150 162.1 125.8 188.6

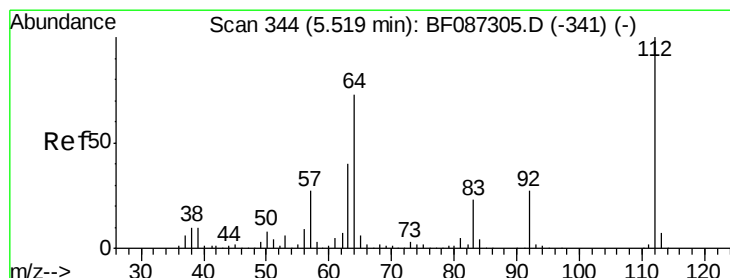
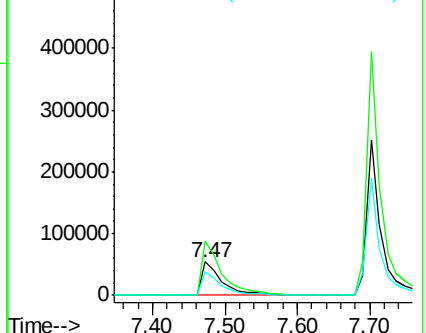
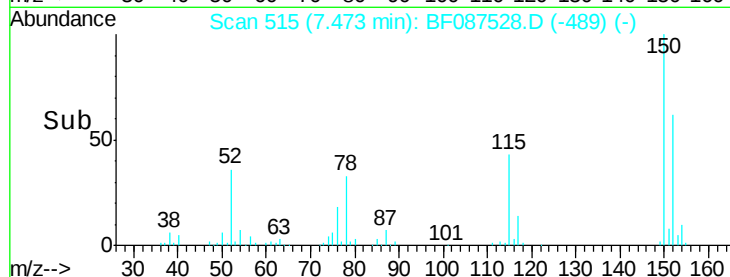
115 69.7 51.5 77.3



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: 78.77 ng

RT: 5.37 min Scan# 331

Delta R.T. -0.00 min

Lab File: BF087528.D

Acq: 30 May 2016 00:32

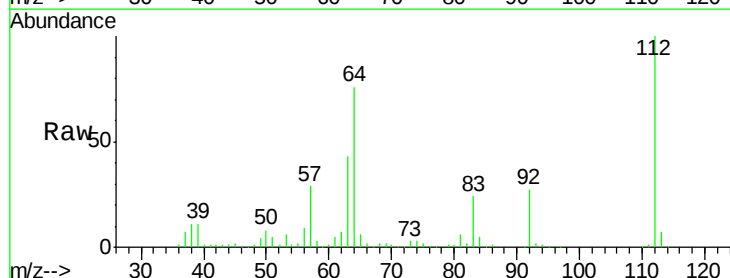
Tgt Ion:112 Resp: 484874

Ion Ratio Lower Upper

112 100

64 75.8 52.1 78.1

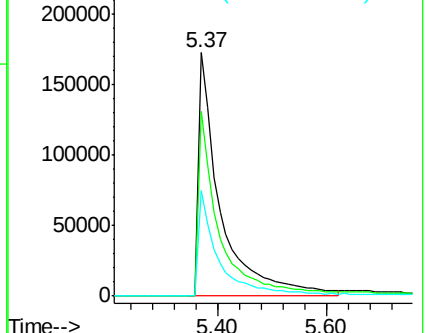
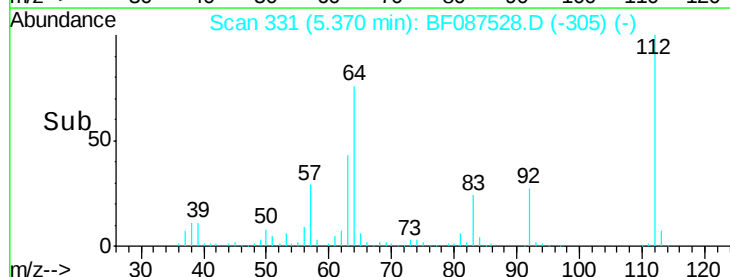
63 43.2 25.7 38.5



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: 47.71 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF087528.D

Acq: 30 May 2016 00:32

Instrument :

BNA_F

ClientSampleId :

MW-14

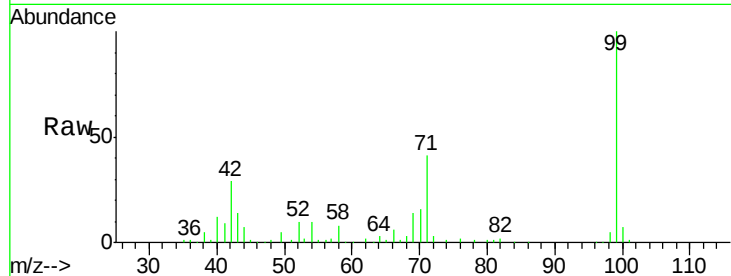
Tot Ion: 99 Resp: 396794

Ion Ratio Lower Upper

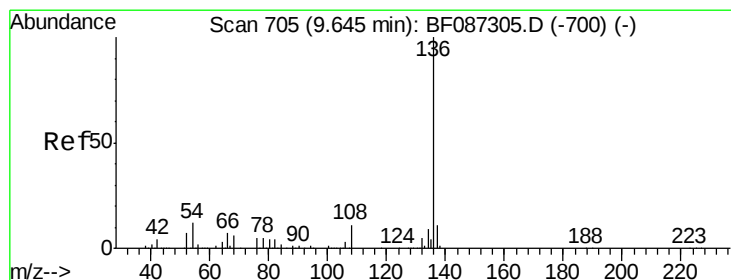
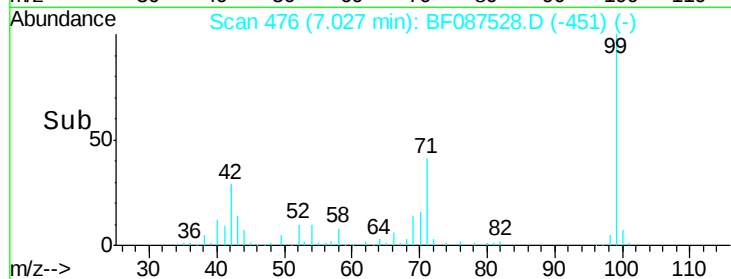
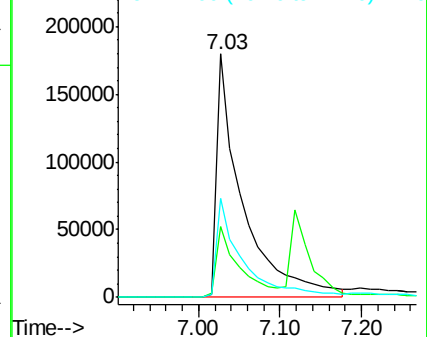
99 100

42 29.0 13.6 20.4#

71 40.5 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: 9.51 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF087528.D

Acq: 30 May 2016 00:32

Tgt Ion: 136 Resp: 423565

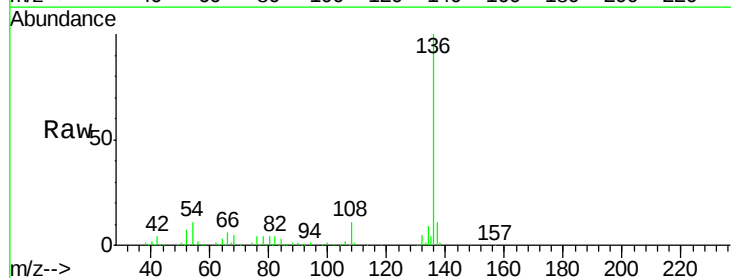
Ion Ratio Lower Upper

136 100

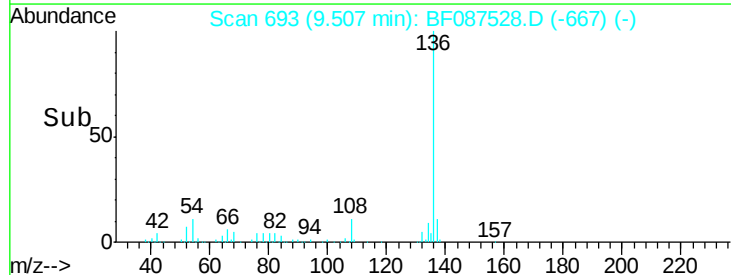
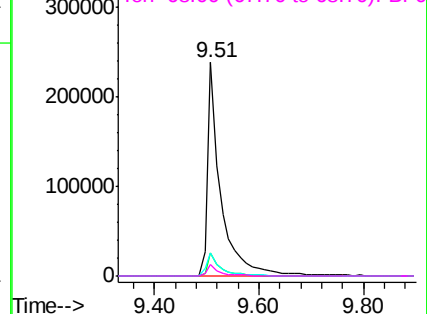
137 10.6 8.8 13.2

54 10.7 5.0 7.4#

68 5.2 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: 84.17 ng

RT: 8.39 min Scan# 595

Delta R.T. -0.02 min

Lab File: BF087528.D

Acq: 30 May 2016 00:32

Instrument :

BNA_F

ClientSampleId :

MW-14

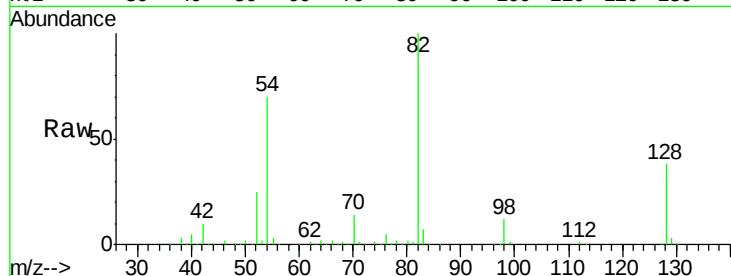
Tot Ion: 82 Resp: 707403

Ion Ratio Lower Upper

82 100

128 38.0 40.6 61.0#

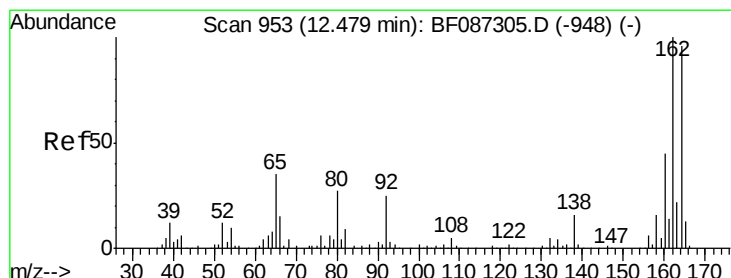
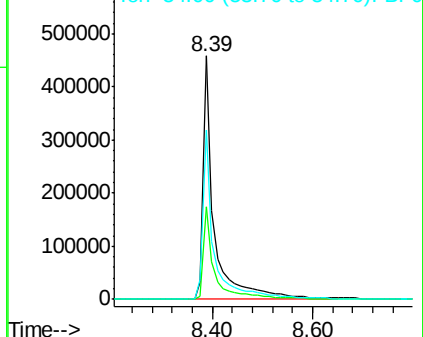
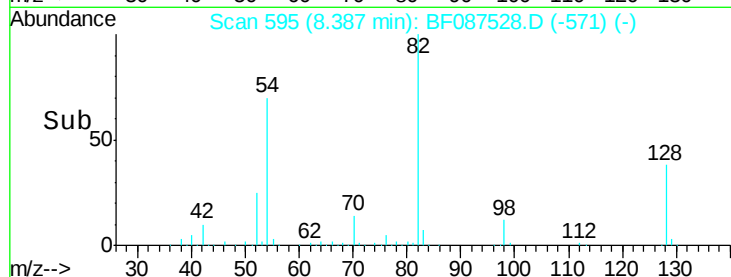
54 69.8 38.1 57.1#



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: 12.33 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF087528.D

Acq: 30 May 2016 00:32

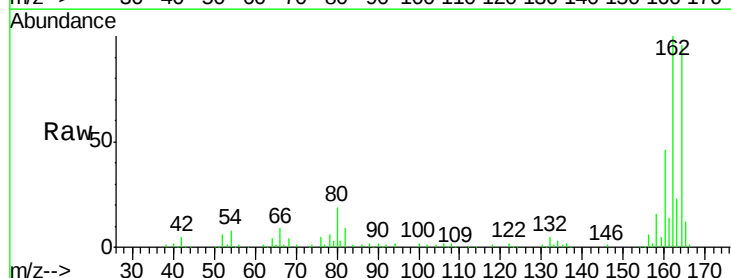
Tgt Ion:164 Resp: 195555

Ion Ratio Lower Upper

164 100

162 104.0 82.8 124.2

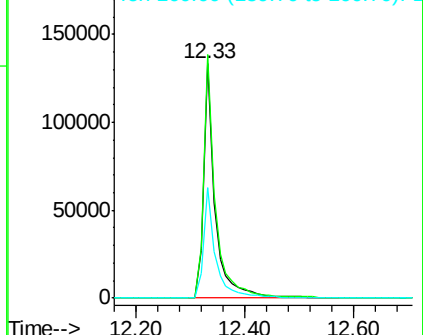
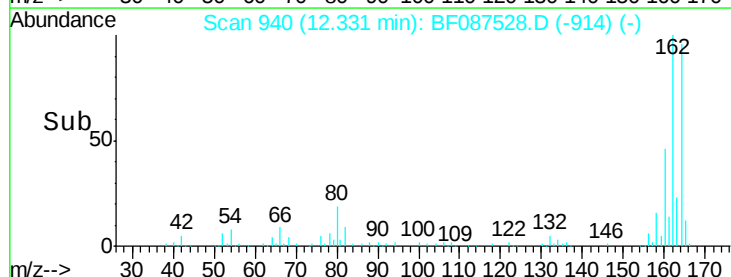
160 47.5 36.9 55.3



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

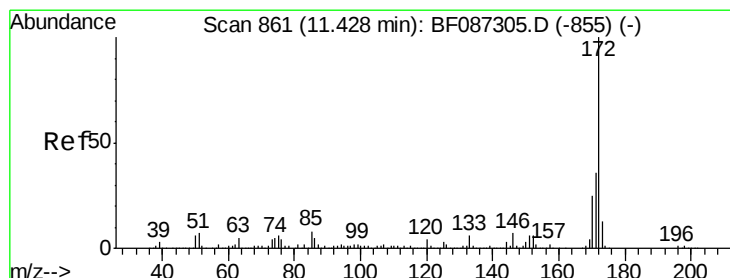
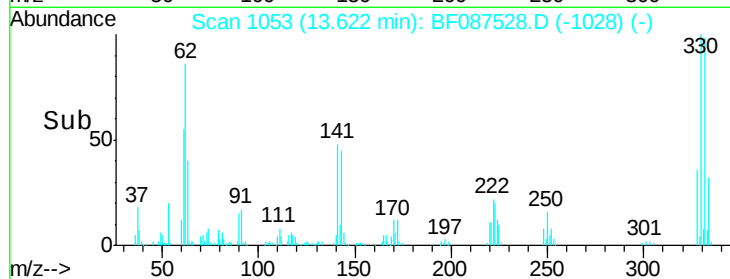
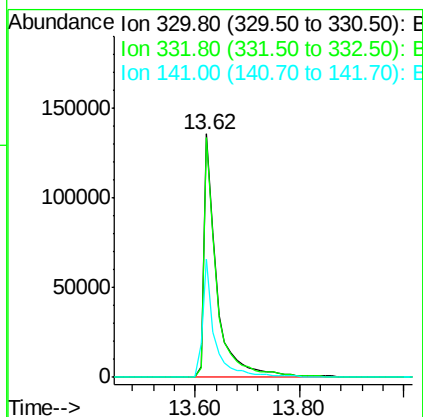
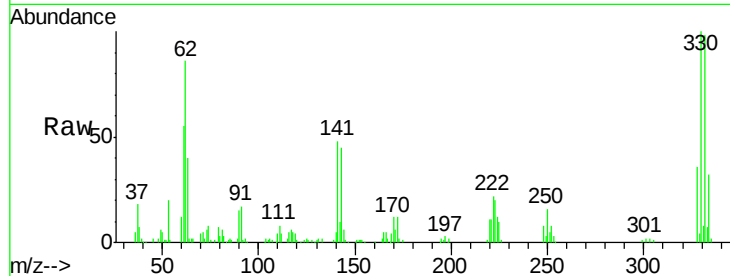




#41
 2,4,6-Tribromophenol
 Concen: 124.29 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BF087528.D
 Acq: 30 May 2016 00:32

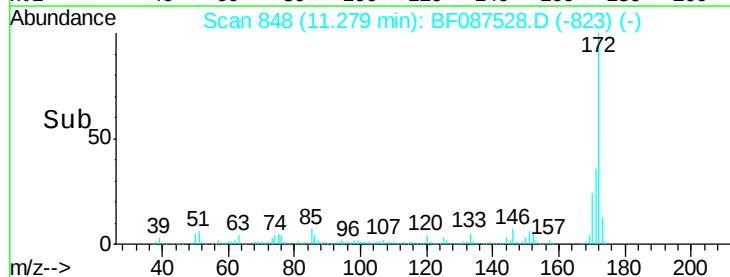
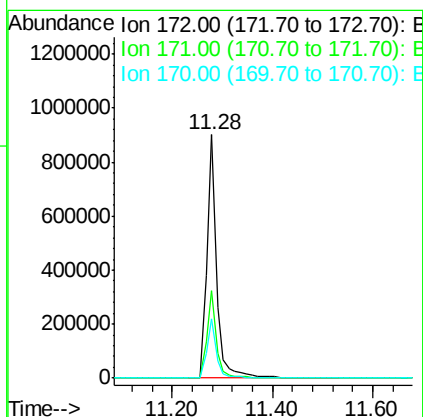
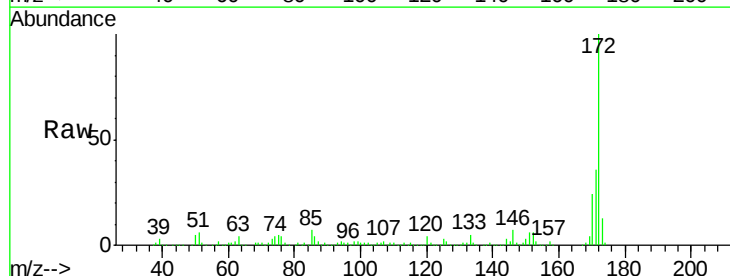
Instrument :
 BNA_F
 ClientSampleId :
 MW-14

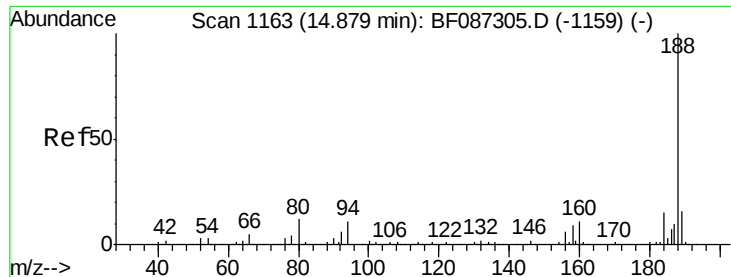
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	79.0	118.4
141	46.4	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 87.17 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087528.D
 Acq: 30 May 2016 00:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.3	19.8	29.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF087528.D

Acq: 30 May 2016 00:32

Instrument :

BNA_F

ClientSampleId :

MW-14

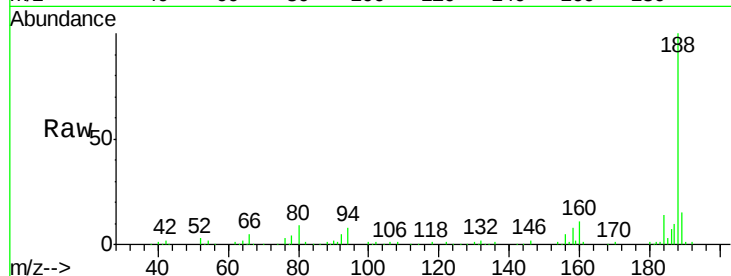
Tot Ion:188 Resp: 369190

Ion Ratio Lower Upper

188 100

94 8.3 6.8 10.2

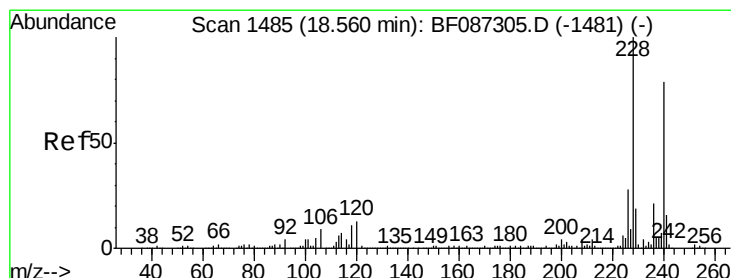
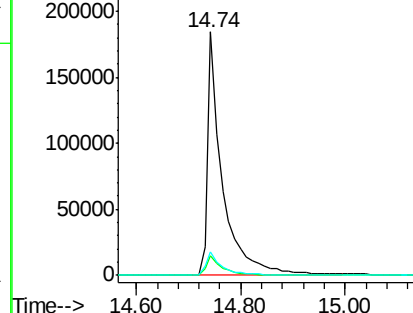
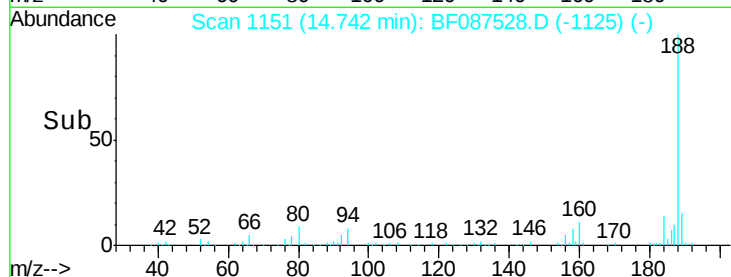
80 9.4 7.1 10.7



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: 18.46 min Scan# 1476

Delta R.T. 0.01 min

Lab File: BF087528.D

Acq: 30 May 2016 00:32

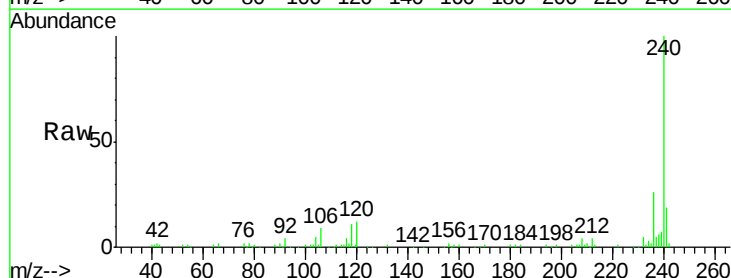
Tgt Ion:240 Resp: 266378

Ion Ratio Lower Upper

240 100

120 12.0 11.2 16.8

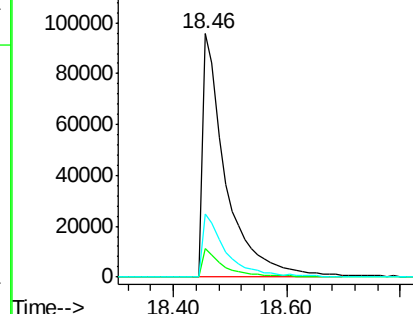
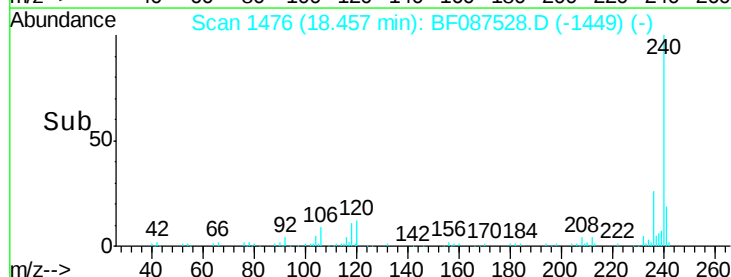
236 25.9 21.2 31.8



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

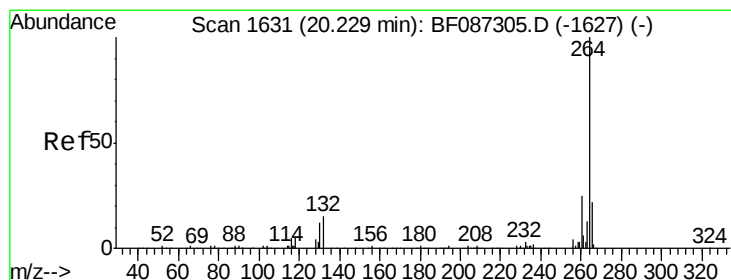
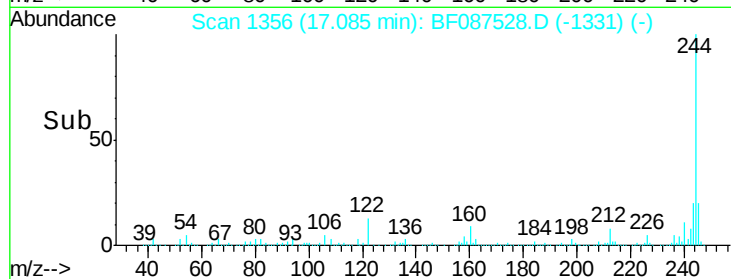
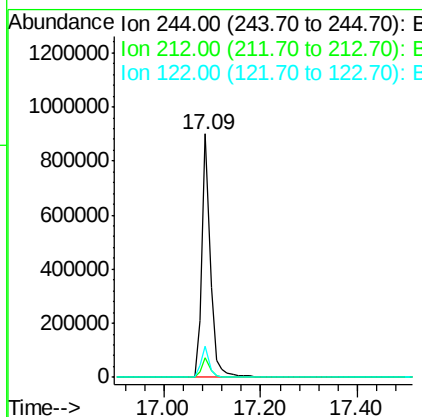
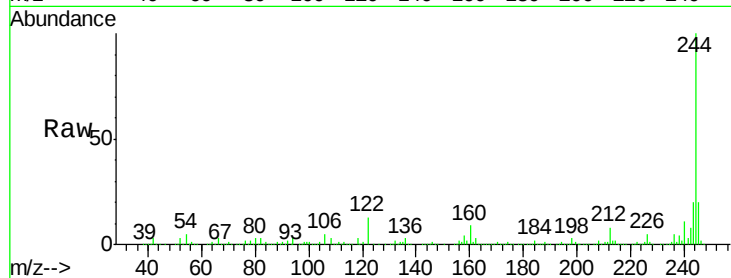




#78
 Terphenyl-d14
 Concen: 87.61 ng
 RT: 17.09 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF087528.D
 Acq: 30 May 2016 00:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Tot Ion:244 Resp: 1097687
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.2
 122 12.8 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.15 min Scan# 1624
 Delta R.T. 0.02 min
 Lab File: BF087528.D
 Acq: 30 May 2016 00:32

Tgt Ion:264 Resp: 188888
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.5 17.3 25.9

