

Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
 Data File : BF083803.D
 Acq On : 15 Dec 2015 7:46
 Operator : UM/IZ
 Sample : G4779-16
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-47

Quant Time: Dec 15 16:51:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	115538	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	431815	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	226558	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	403444	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	363310	20.00	ng	-0.03
86) Perylene-d12	15.48	264	284369	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	333221	46.53	ng	-0.03
7) Phenol-d6	6.52	99	305238	33.66	ng	-0.02
23) Nitrobenzene-d5	7.46	82	562593	72.89	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	322112	139.53	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1213038	75.98	ng	-0.02
78) Terphenyl-d14	13.00	244	1282468	75.93	ng	-0.02

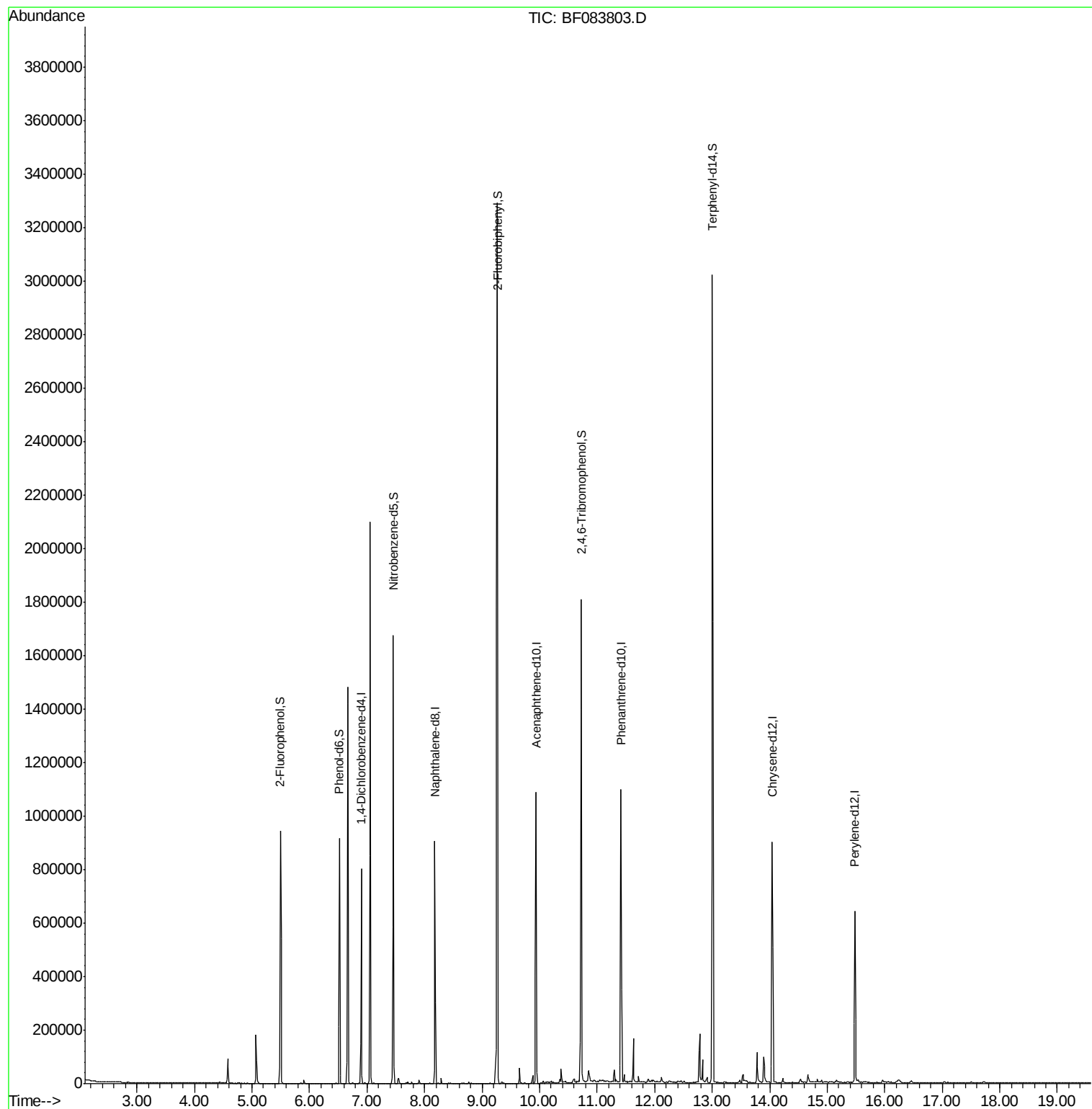
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF083803.D

Acq: 15 Dec 2015 7:46

Instrument :

BNA_F

ClientSampleId :

W-47

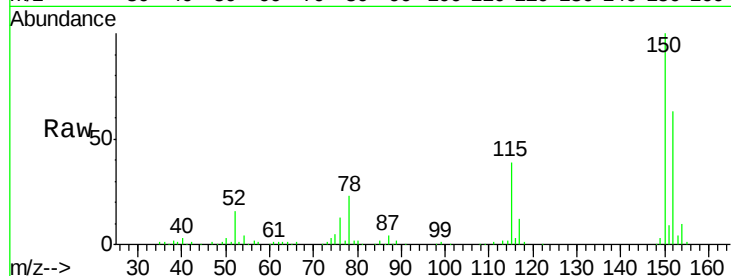
Tot Ion:152 Resp: 11538

Ion Ratio Lower Upper

152 100

150 158.7 126.5 189.7

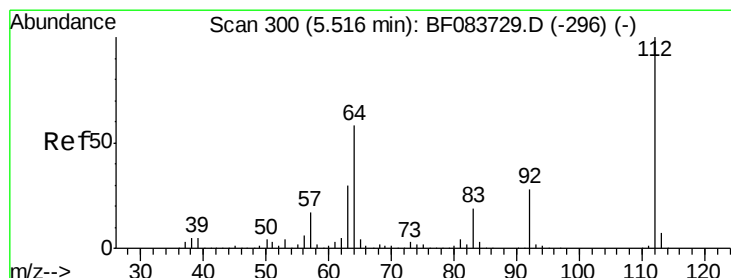
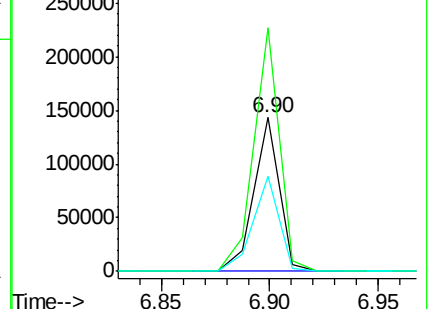
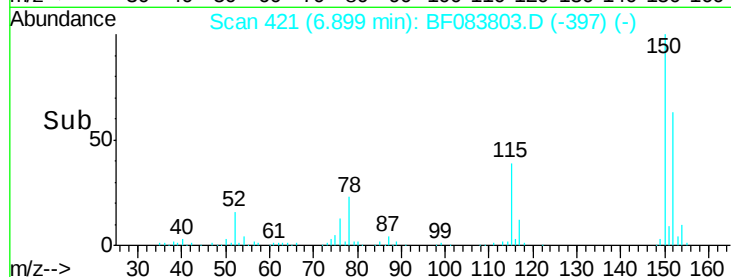
115 62.2 52.3 78.5



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: 46.53 ng

RT: 5.49 min Scan# 298

Delta R.T. -0.03 min

Lab File: BF083803.D

Acq: 15 Dec 2015 7:46

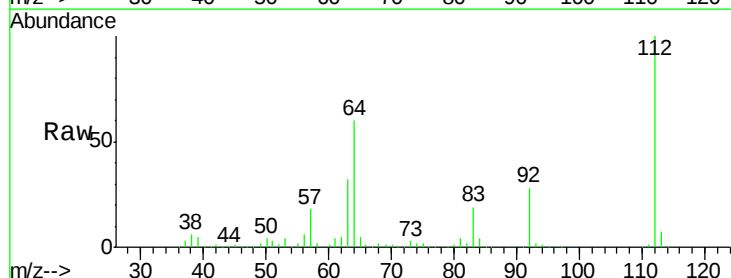
Tgt Ion:112 Resp: 333221

Ion Ratio Lower Upper

112 100

64 60.1 50.5 75.7

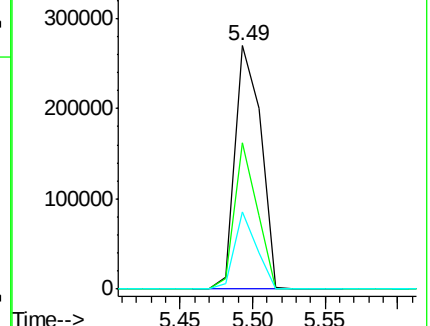
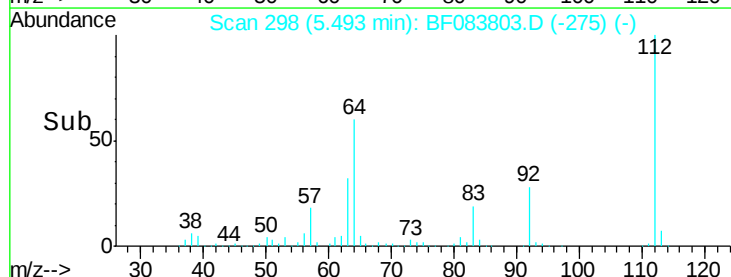
63 31.5 25.8 38.6

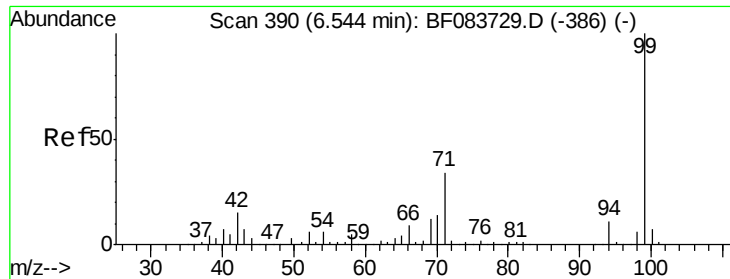


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.66 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083803.D

Acq: 15 Dec 2015 7:46

Instrument :

BNA_F

ClientSampleId :

W-47

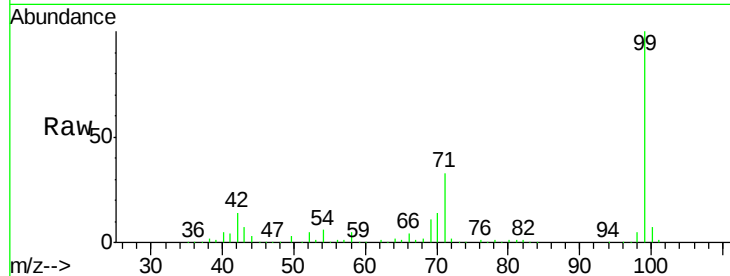
Tot Ion: 99 Resp: 305238

Ion Ratio Lower Upper

99 100

42 13.8 17.3 25.9#

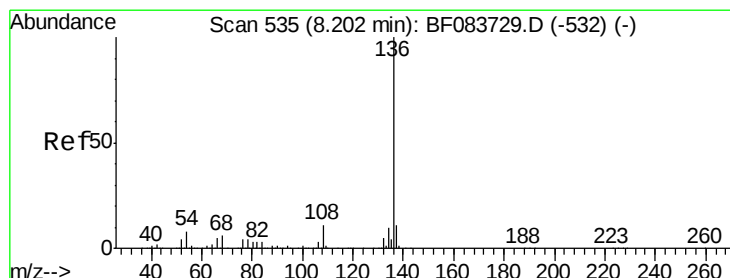
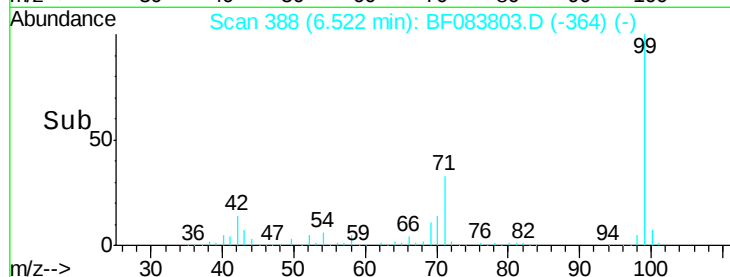
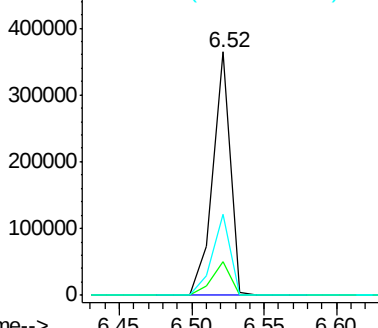
71 33.2 26.6 40.0



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: 8.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF083803.D

Acq: 15 Dec 2015 7:46

Tgt Ion: 136 Resp: 431815

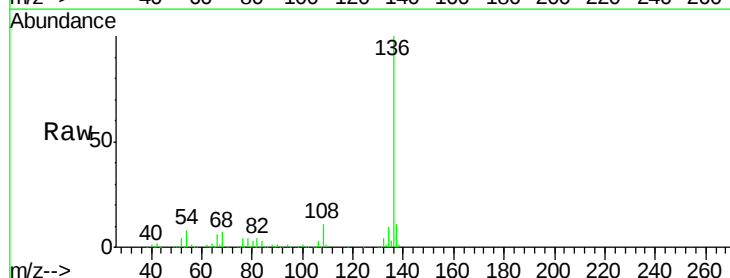
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 8.3 7.8 11.6

68 6.7 5.7 8.5

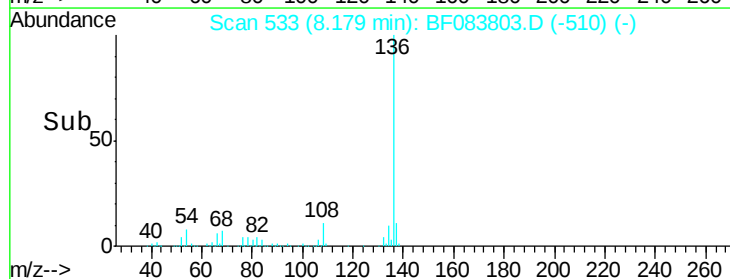
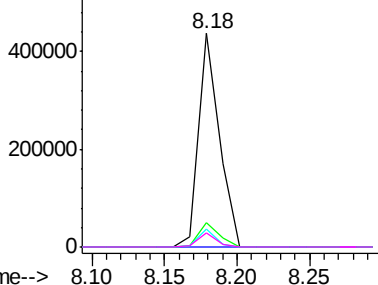


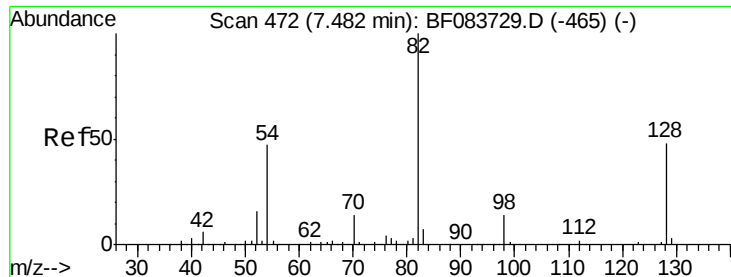
Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.89 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF083803.D

Acq: 15 Dec 2015 7:46

Instrument :

BNA_F

ClientSampleId :

W-47

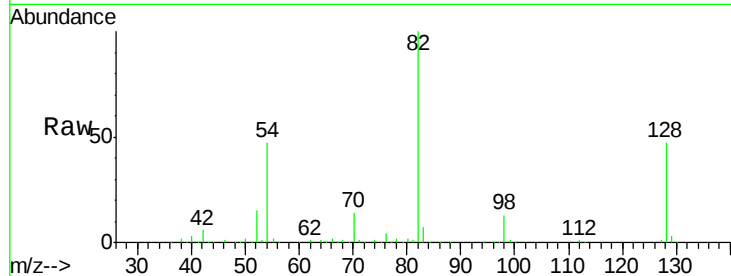
Tot Ion: 82 Resp: 562593

Ion Ratio Lower Upper

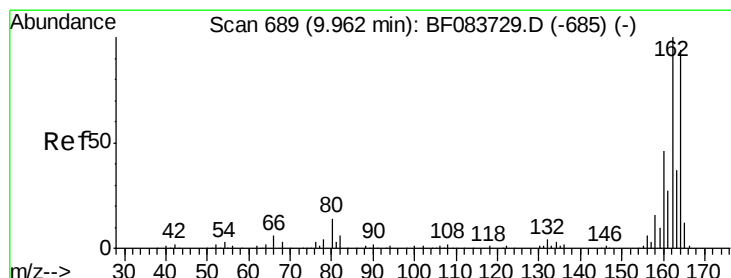
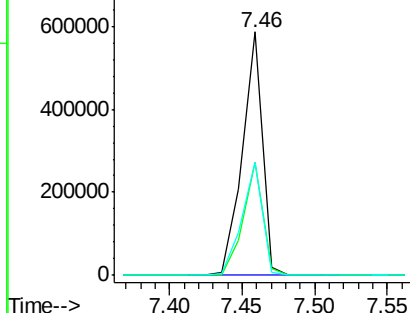
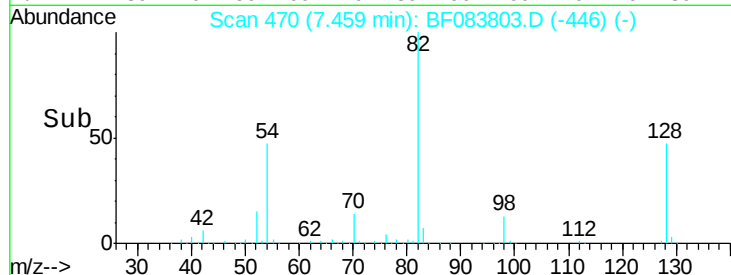
82 100

128 46.6 30.7 46.1#

54 46.7 42.5 63.7



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF083803.D

Acq: 15 Dec 2015 7:46

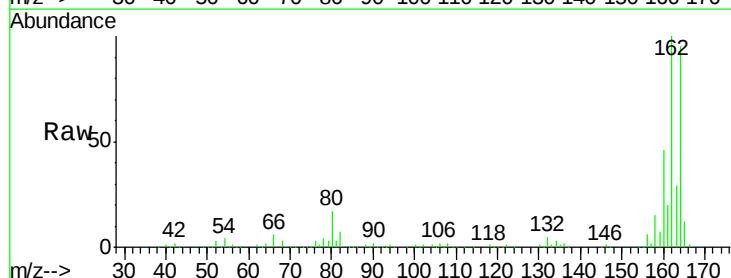
Tgt Ion: 164 Resp: 226558

Ion Ratio Lower Upper

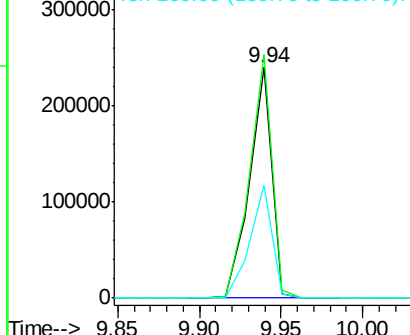
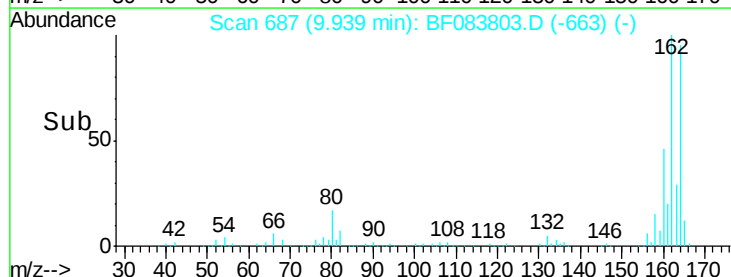
164 100

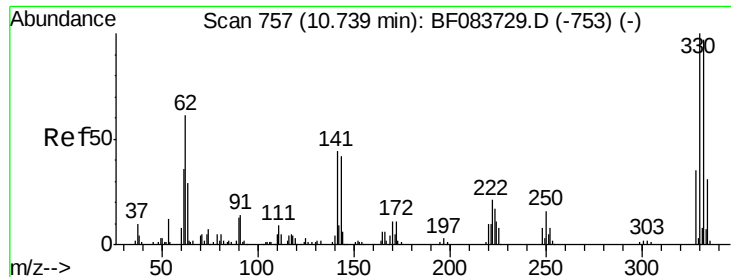
162 105.6 78.8 118.2

160 48.9 33.4 50.2



Abundance Ion 164.00 (163.70 to 164.70): BF0
Ion 162.00 (161.70 to 162.70): BF0
Ion 160.00 (159.70 to 160.70): BF0

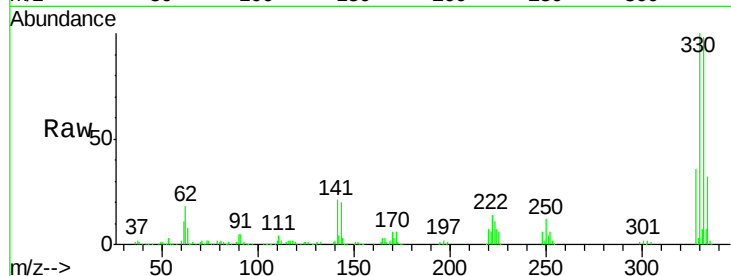




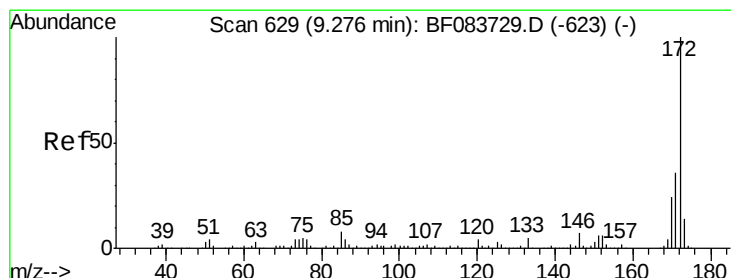
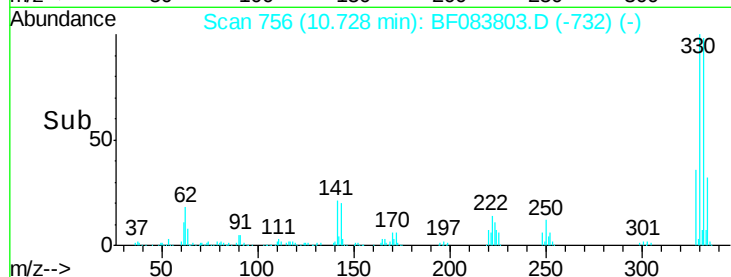
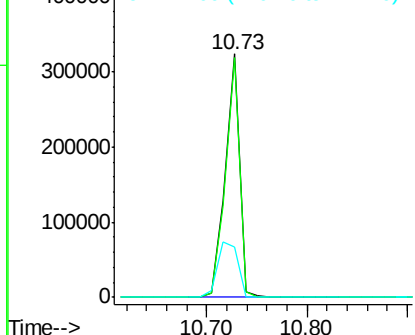
#41
 2,4,6-Tribromophenol
 Concen: 139.53 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083803.D
 Acq: 15 Dec 2015 7:46

Instrument :
 BNA_F
 ClientSampleId :
 W-47

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	32.2	0.0	0.0#

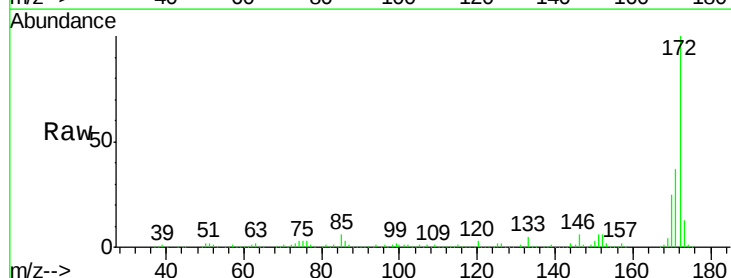


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

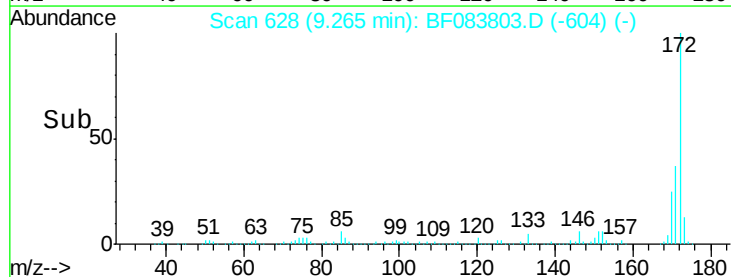
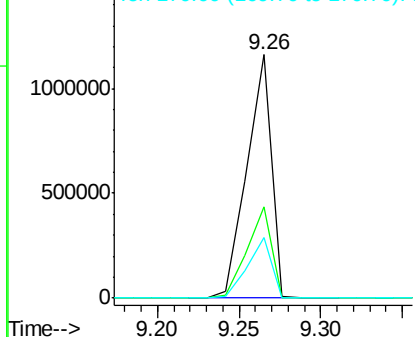


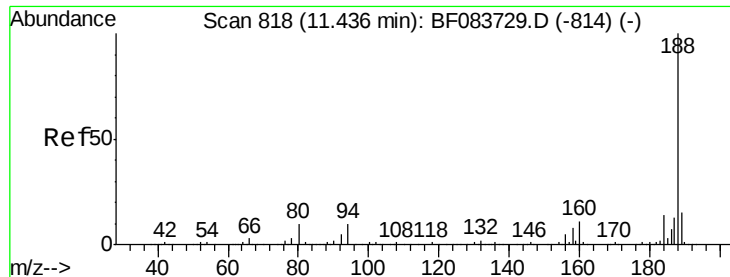
#44
 2-Fluorobiphenyl
 Concen: 75.98 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083803.D
 Acq: 15 Dec 2015 7:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.6	42.8
170	24.7	19.4	29.0



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

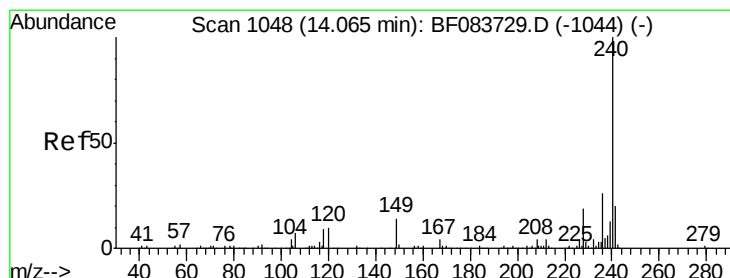
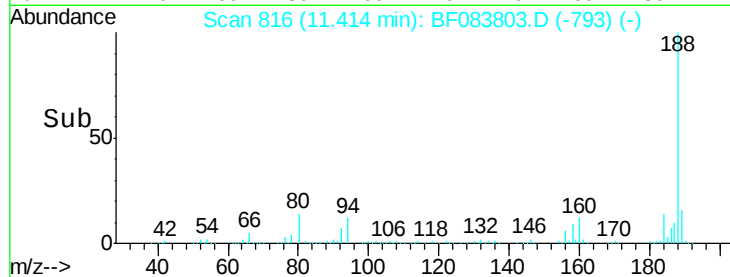
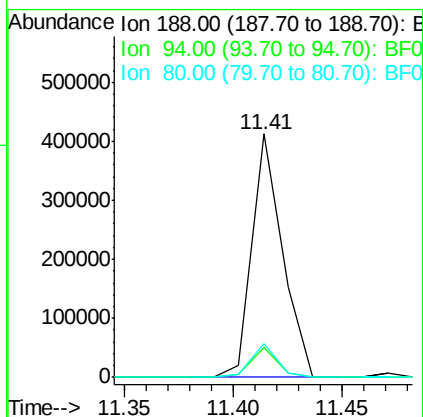
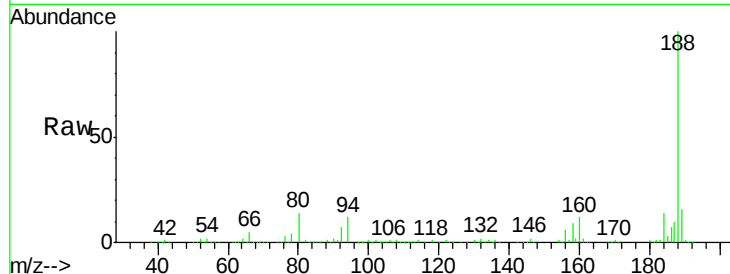




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083803.D
Acq: 15 Dec 2015 7:46

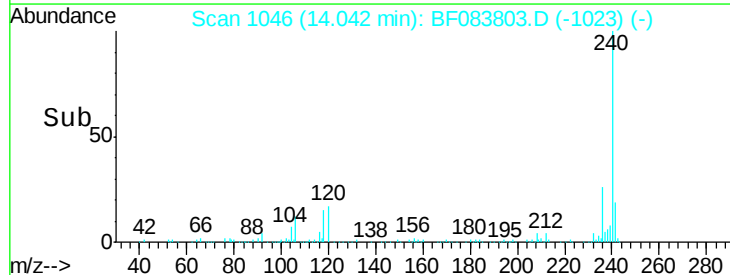
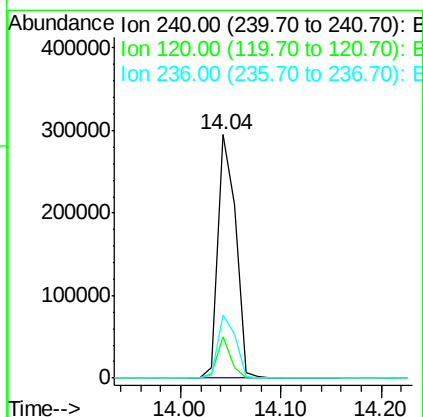
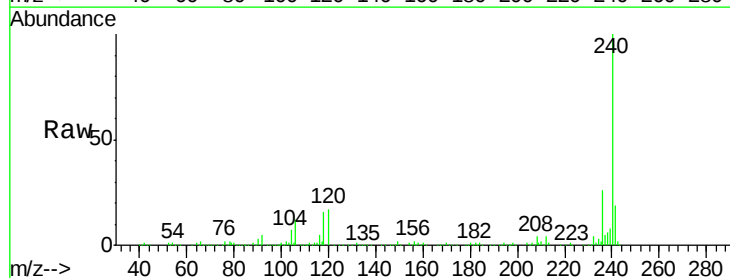
Instrument :
BNA_F
ClientSampled :
W-47

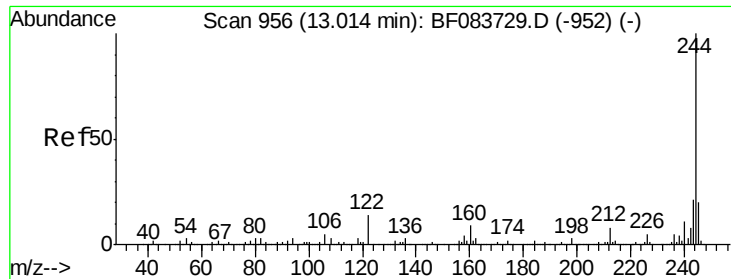
Tot Ion:188 Resp: 403444
Ion Ratio Lower Upper
188 100
94 12.3 9.4 14.2
80 13.6 10.6 16.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF083803.D
Acq: 15 Dec 2015 7:46

Tgt Ion:240 Resp: 363310
Ion Ratio Lower Upper
240 100
120 17.2 8.1 12.1#
236 26.1 20.8 31.2

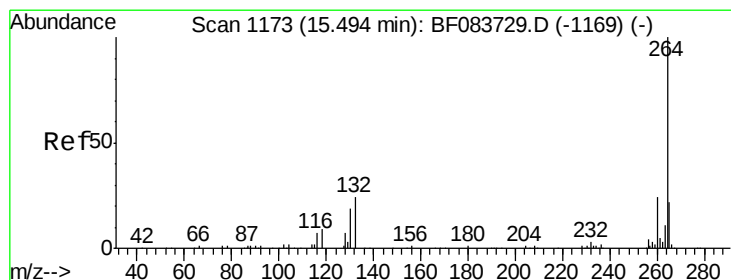
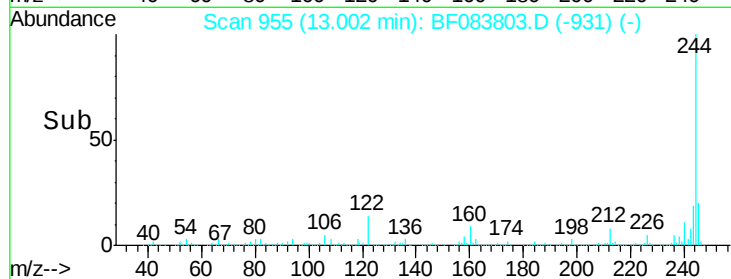
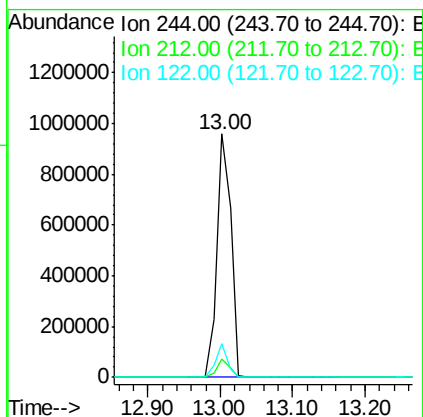
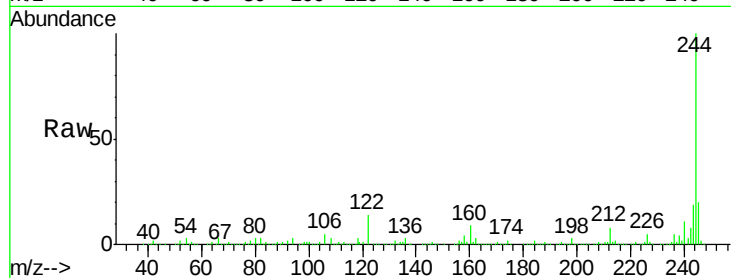




#78
 Terphenyl-d14
 Concen: 75.93 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083803.D
 Acq: 15 Dec 2015 7:46

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:244 Resp: 1282468
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 13.9 11.0 16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083803.D
 Acq: 15 Dec 2015 7:46

Tgt Ion:264 Resp: 284369
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.0
 265 21.9 17.8 26.6

