

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087047.D
 Acq On : 15 May 2016 4:24
 Operator : UM/SJ
 Sample : H3052-02
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Quant Time: May 16 06:41:29 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

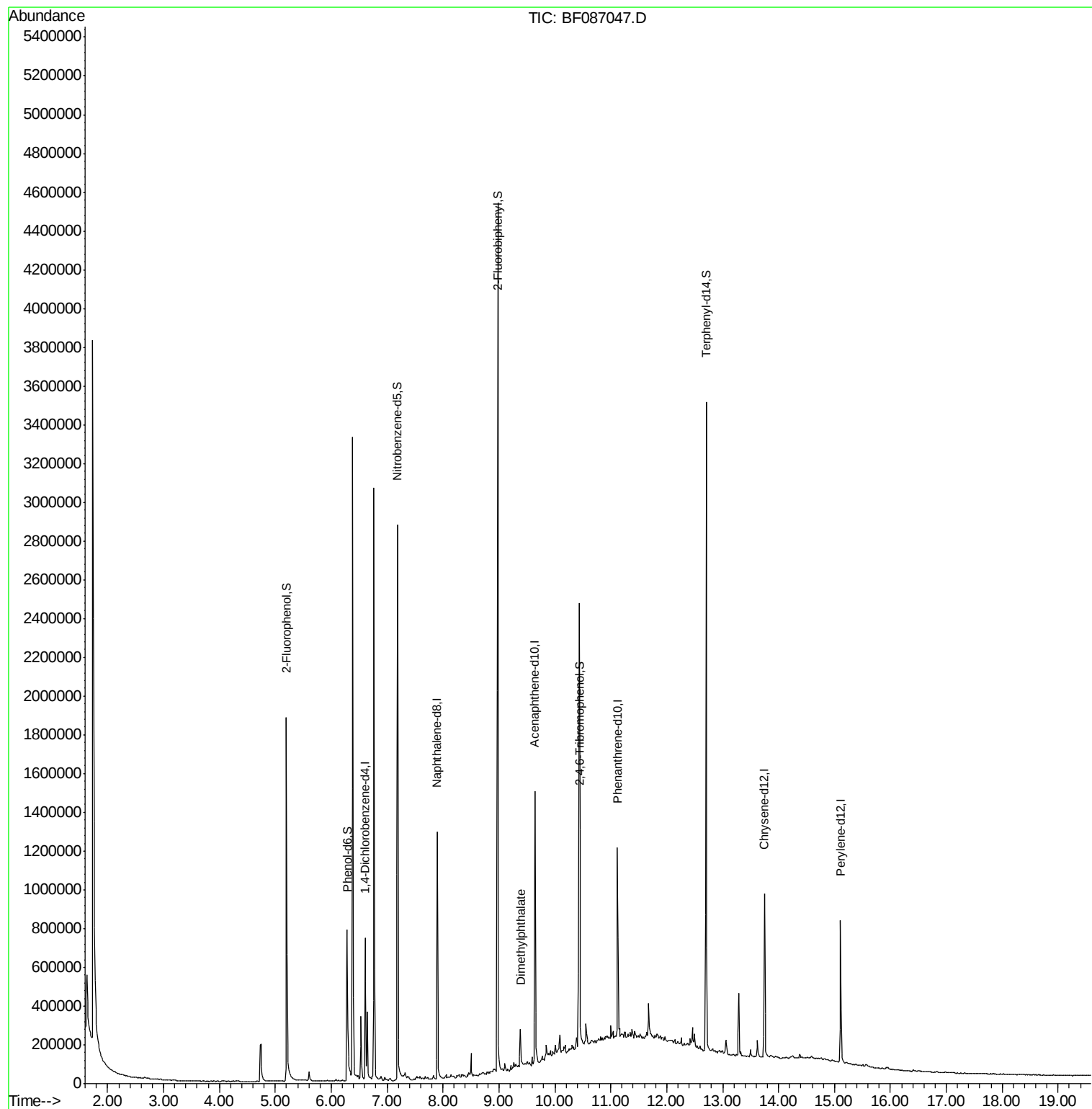
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	132615	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	539374	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	269229	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	417667	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	296148	20.00	ng	-0.01
86) Perylene-d12	15.11	264	303756	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	529013	67.56	ng	0.00
7) Phenol-d6	6.28	99	456435	43.61	ng	0.00
23) Nitrobenzene-d5	7.19	82	920948	85.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	329330	115.54	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1477097	92.21	ng	0.00
78) Terphenyl-d14	12.71	244	989954	70.92	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.38	163	59414	2.89	ng	Qvalue 100

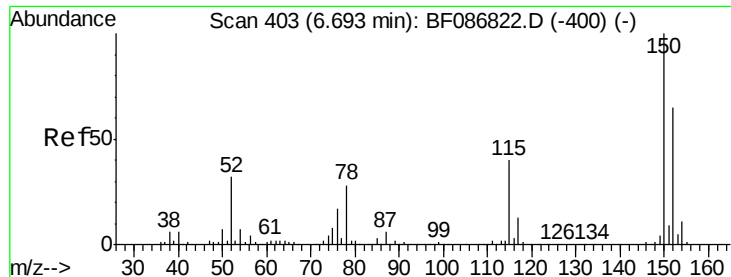
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF087047.D

Acq: 15 May 2016 4:24

Instrument :

BNA_F

ClientSampleId :

MW-12

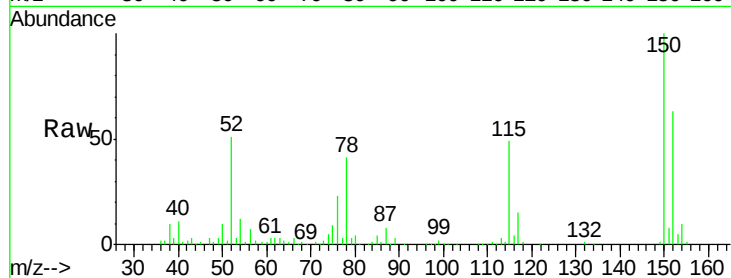
Tgt Ion:152 Resp: 132615

Ion Ratio Lower Upper

152 100

150 157.6 125.8 188.6

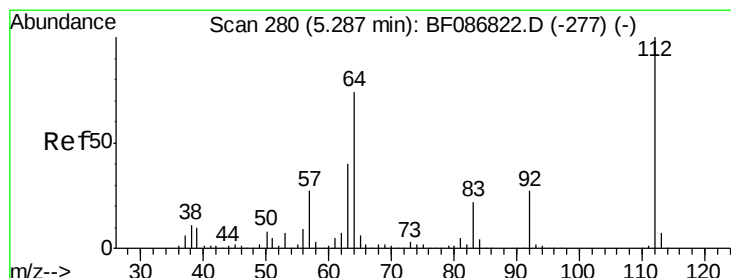
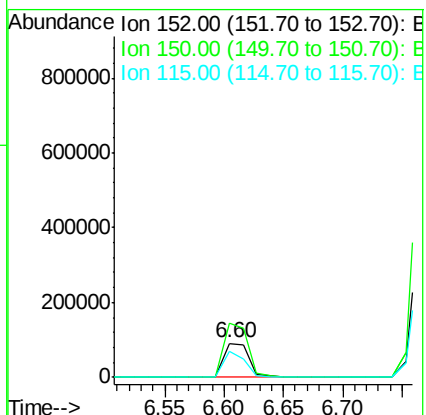
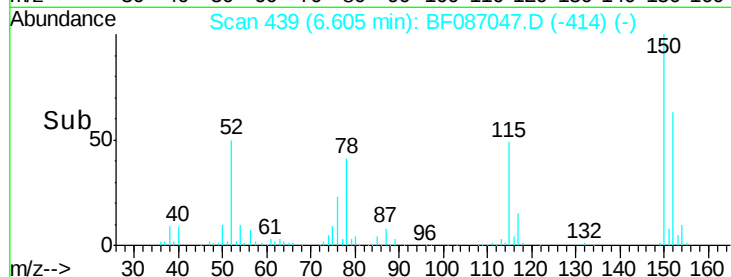
115 76.9 51.5 77.3



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: 67.56 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF087047.D

Acq: 15 May 2016 4:24

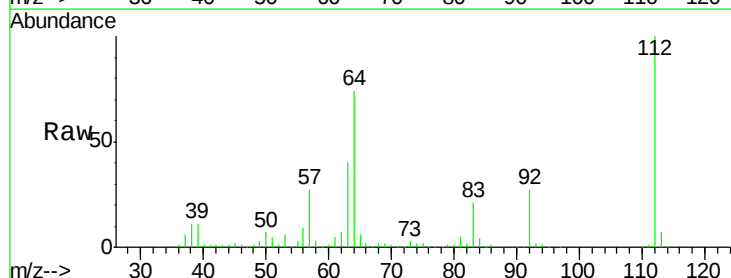
Tgt Ion:112 Resp: 529013

Ion Ratio Lower Upper

112 100

64 73.5 52.1 78.1

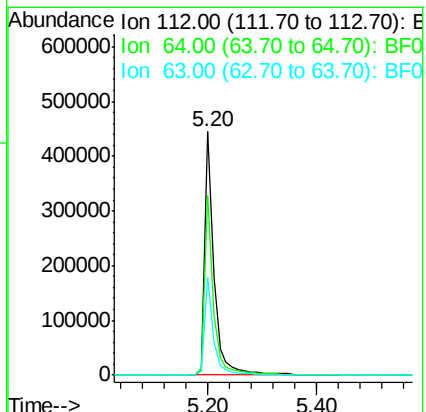
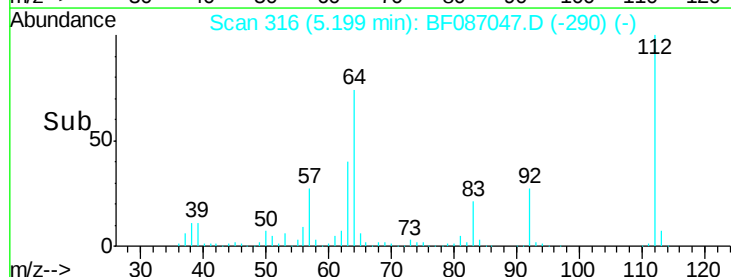
63 40.3 25.7 38.5#

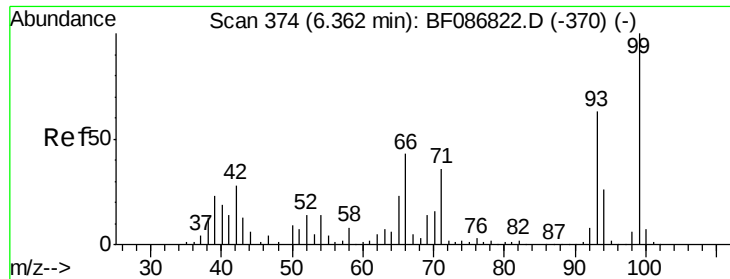


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.61 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF087047.D

Acq: 15 May 2016 4:24

Instrument :

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MW-12

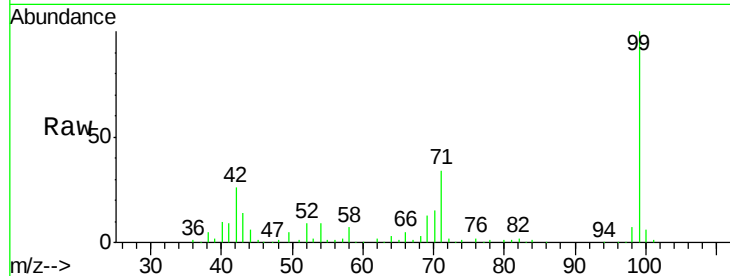
Tgt Ion: 99 Resp: 456435

Ion Ratio Lower Upper

99 100

42 25.6 13.6 20.4#

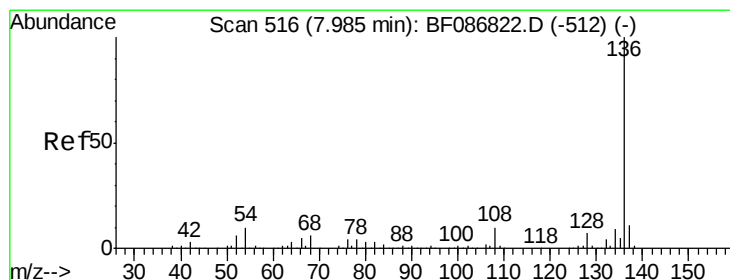
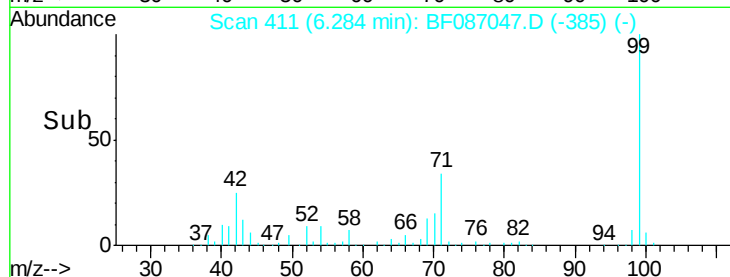
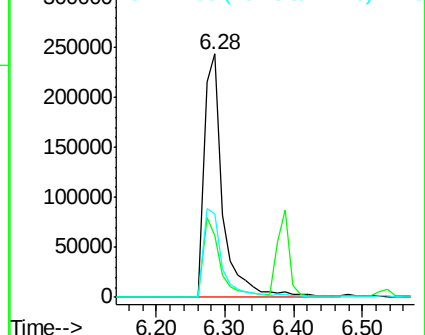
71 34.2 24.6 36.8



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: BF087047.D

Acq: 15 May 2016 4:24

Tgt Ion: 136 Resp: 539374

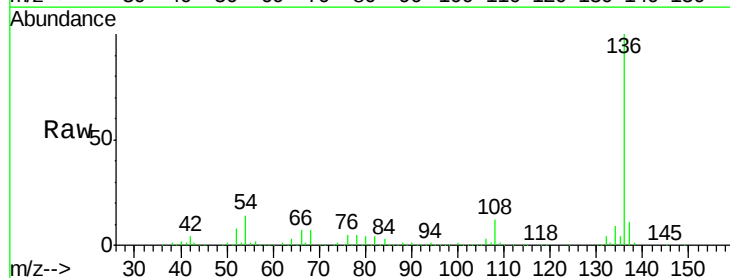
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 13.5 5.0 7.4#

68 7.1 4.4 6.6#

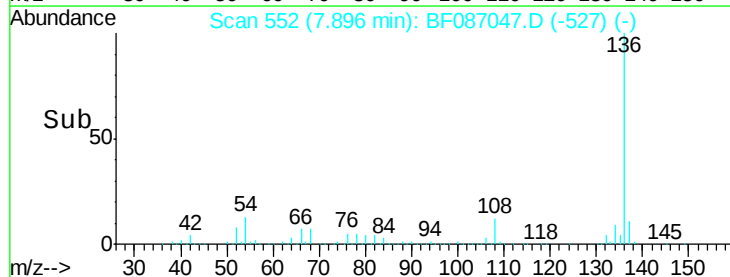
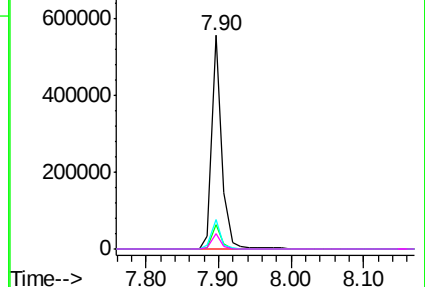


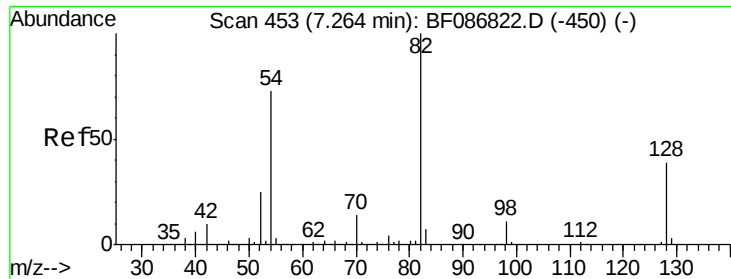
Abundance Ion 136.00 (135.70 to 136.70): E

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

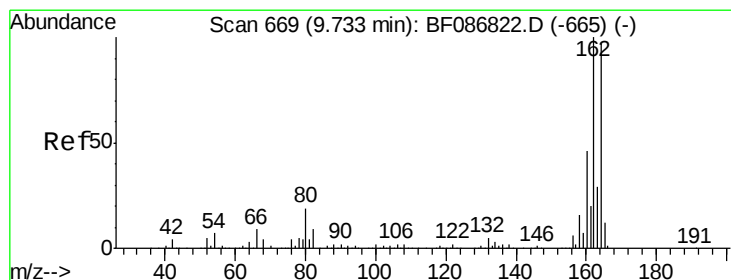
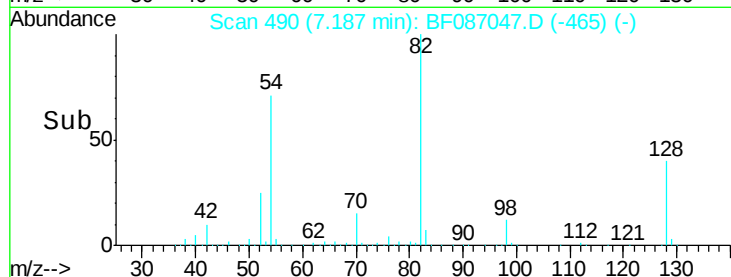
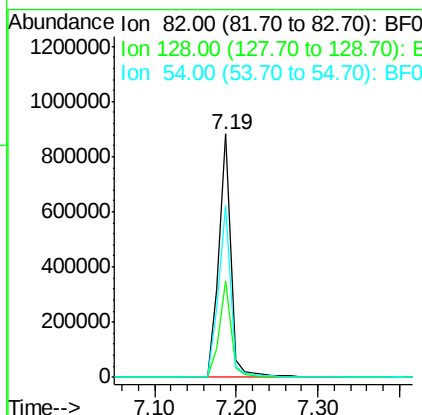
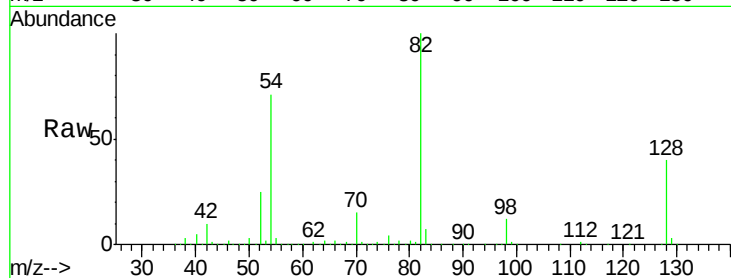




#23
 Nitrobenzene-d5
 Concen: 85.74 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF087047.D
 Acq: 15 May 2016 4:24

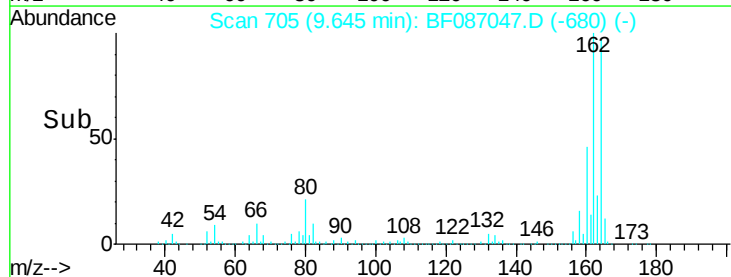
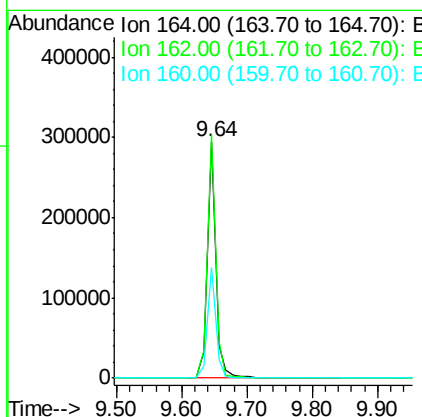
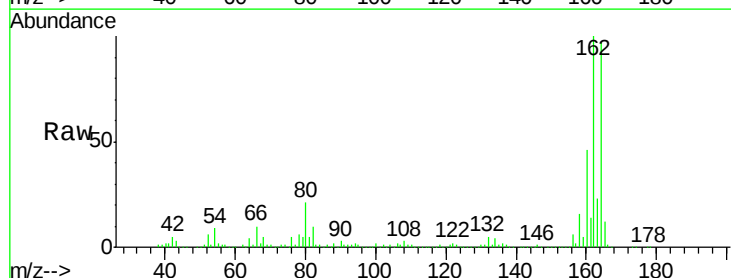
Instrument :
 BNA_F
 ClientSampleId :
 MW-12

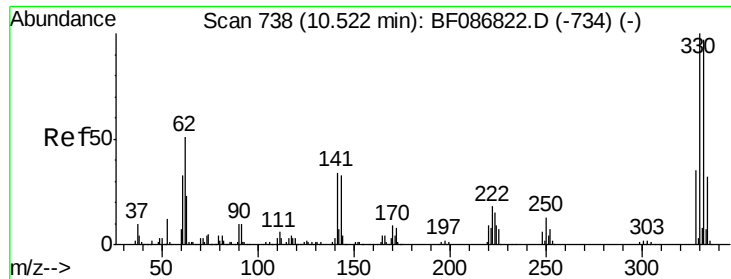
Tgt Ion: 82 Resp: 920948
 Ion Ratio Lower Upper
 82 100
 128 39.6 40.6 61.0#
 54 70.8 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF087047.D
 Acq: 15 May 2016 4:24

Tgt Ion: 164 Resp: 269229
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.8 124.2
 160 47.0 36.9 55.3

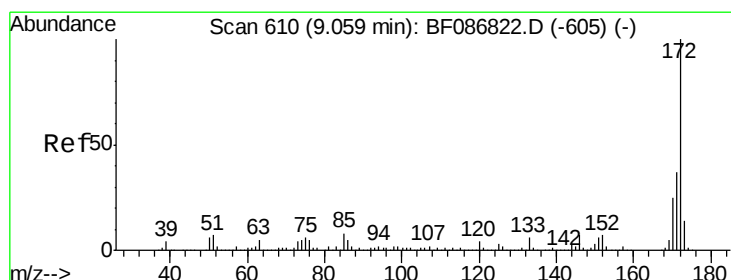
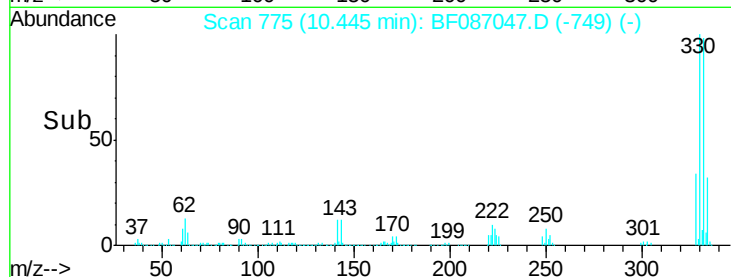
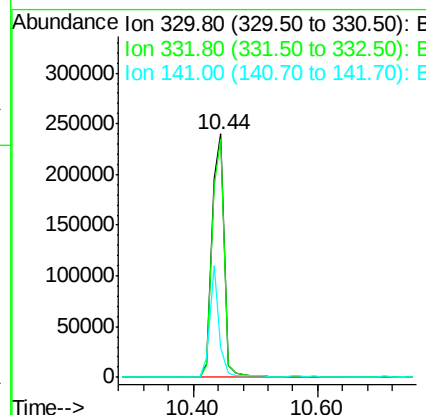
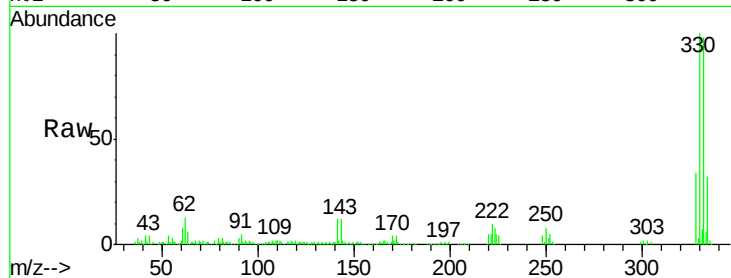




#41
 2,4,6-Tribromophenol
 Concen: 115.54 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF087047.D
 Acq: 15 May 2016 4:24

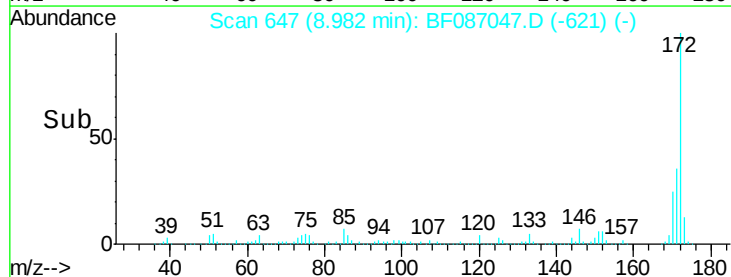
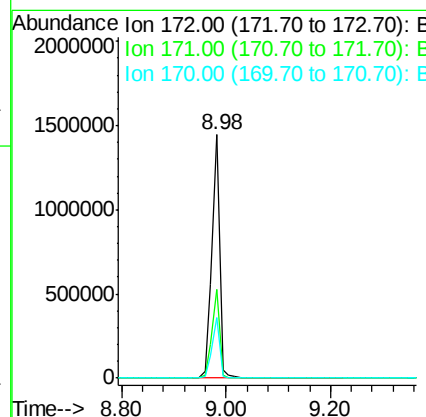
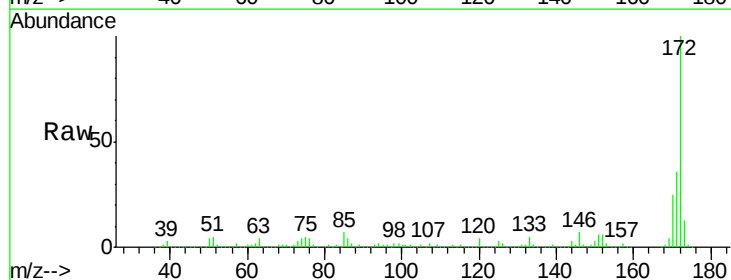
Instrument :
 BNA_F
 ClientSampleId :
 MW-12

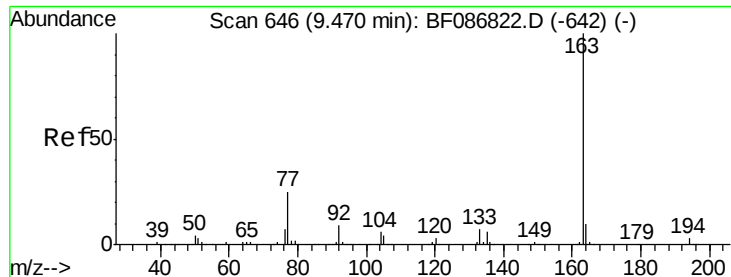
Tgt Ion:330 Resp: 329330
 Ion Ratio Lower Upper
 330 100
 332 96.6 79.0 118.4
 141 34.4 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 92.21 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF087047.D
 Acq: 15 May 2016 4:24

Tgt Ion:172 Resp: 1477097
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 24.8 19.8 29.8

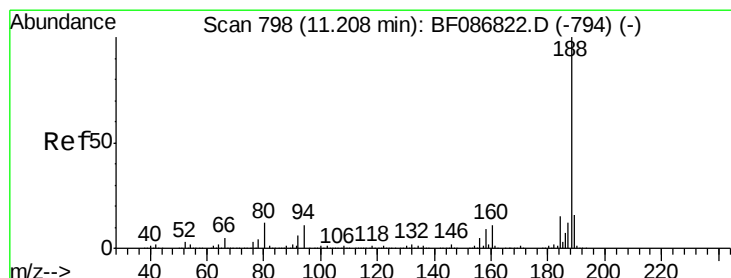
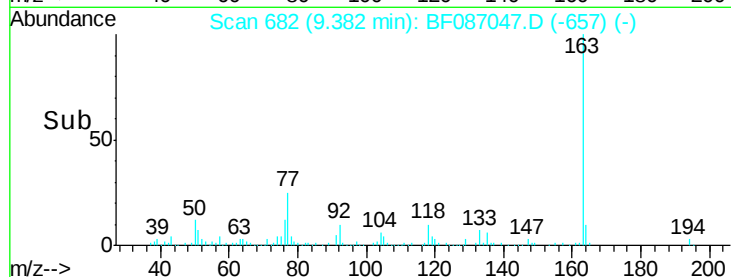
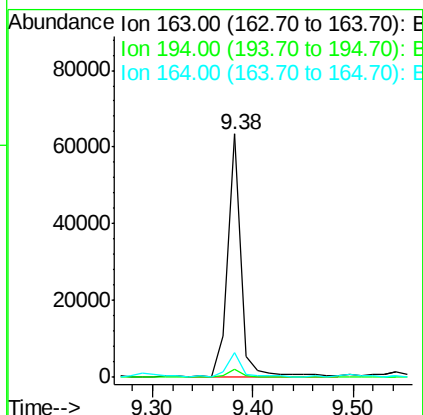
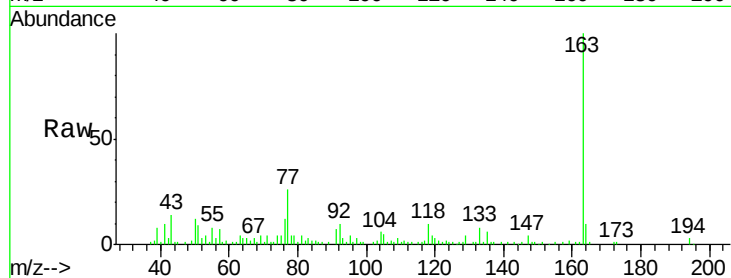




#49
Dimethylphthalate
Concen: 2.89 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF087047.D
Acq: 15 May 2016 4:24

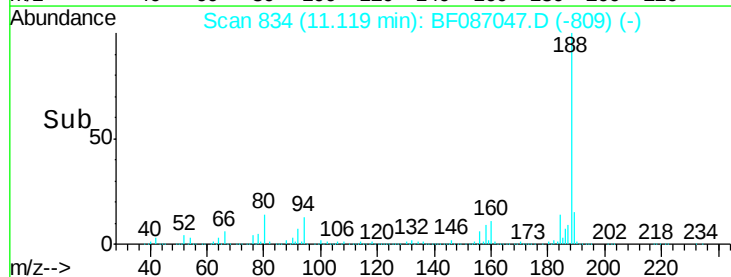
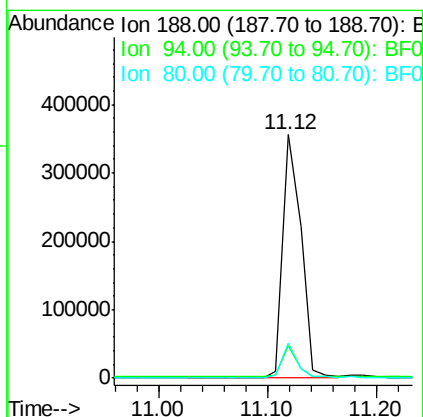
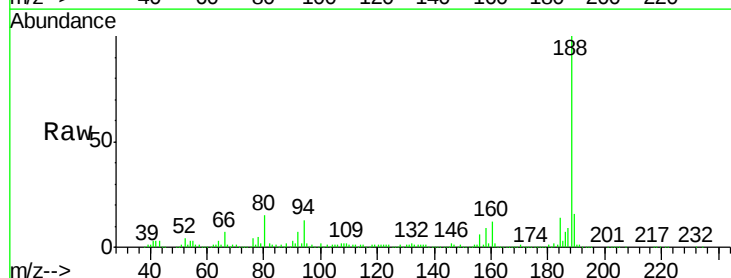
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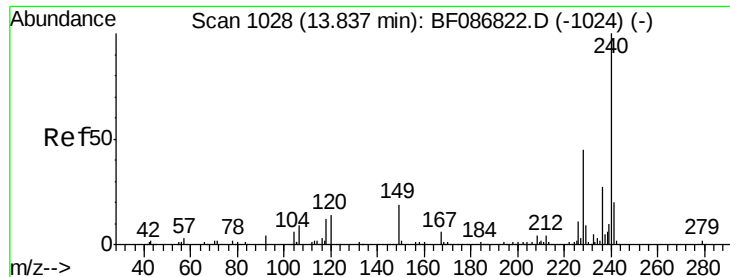
Tgt Ion:163 Resp: 59414
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.4 8.2 12.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF087047.D
Acq: 15 May 2016 4:24

Tgt Ion:188 Resp: 417667
Ion Ratio Lower Upper
188 100
94 13.3 6.8 10.2#
80 14.5 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: BF087047.D

Acq: 15 May 2016 4:24

Instrument :

BNA_F

ClientSampleId :

MW-12

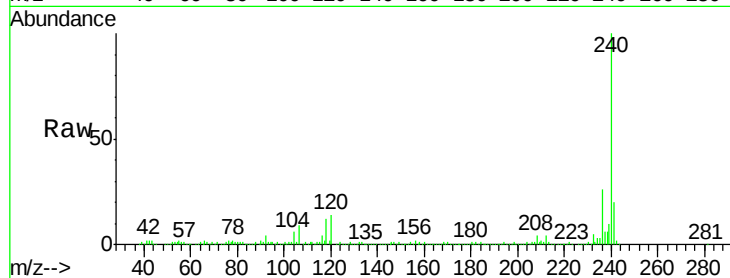
Tgt Ion:240 Resp: 296148

Ion Ratio Lower Upper

240 100

120 13.8 11.2 16.8

236 26.0 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

300000

200000

100000

0

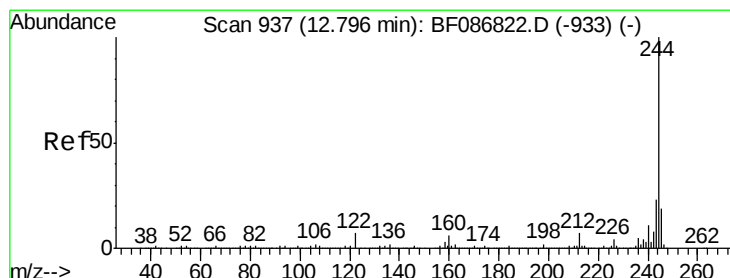
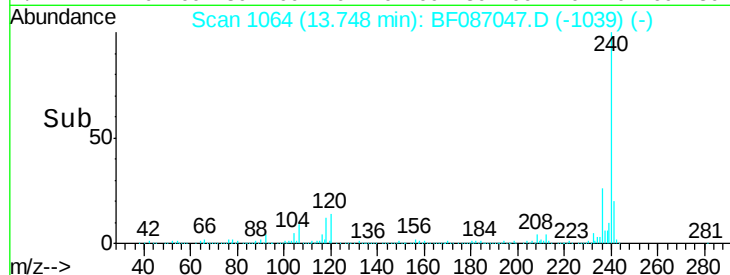
13.75

13.60

13.80

14.00

Time-->



#78

Terphenyl-d14

Concen: 70.92 ng

RT: 12.71 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF087047.D

Acq: 15 May 2016 4:24

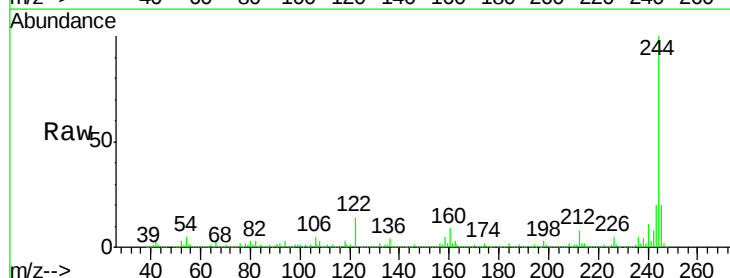
Tgt Ion:244 Resp: 989954

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

122 13.6 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

1000000

500000

0

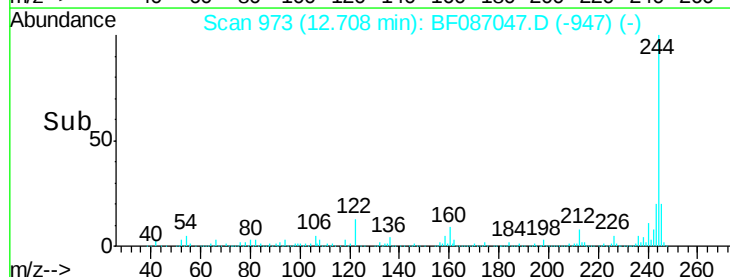
12.71

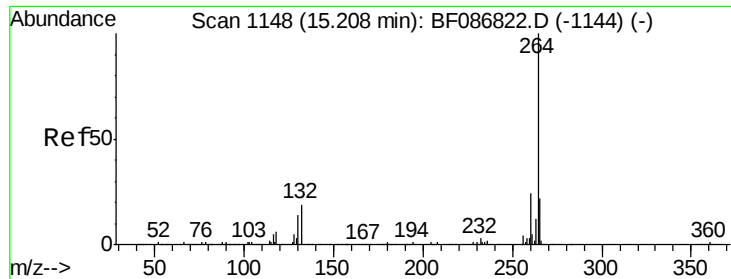
12.60

12.80

13.00

Time-->





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF087047.D
Acq: 15 May 2016 4:24

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.7	17.3	25.9

