

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
 Data File : BF087512.D
 Acq On : 29 May 2016 10:00
 Operator : UM/SJ
 Sample : H3222-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Quant Time: May 31 19:04:55 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 04:10:04 2016
 Response via : Initial Calibration

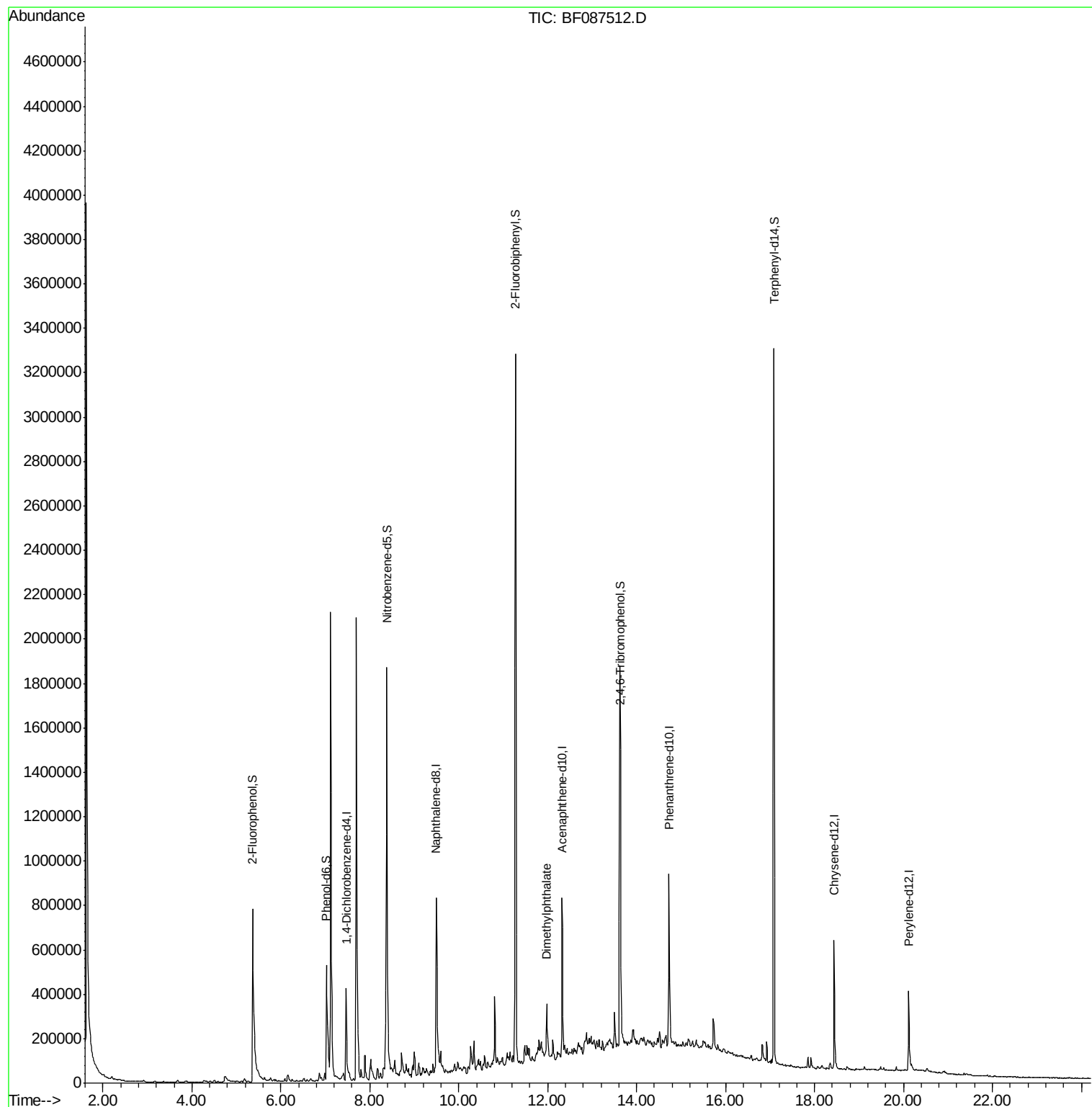
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	111240	20.00	ng	0.00
21) Naphthalene-d8	9.50	136	444227	20.00	ng	-0.01
38) Acenaphthene-d10	12.32	164	207027	20.00	ng	-0.01
63) Phenanthrene-d10	14.73	188	382777	20.00	ng	0.00
75) Chrysene-d12	18.43	240	281985	20.00	ng	0.00
86) Perylene-d12	20.11	264	207184	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	428875	67.75	ng	0.01
7) Phenol-d6	7.03	99	380134	44.44	ng	-0.01
23) Nitrobenzene-d5	8.39	82	830912	94.27	ng	-0.01
41) 2,4,6-Tribromophenol	13.63	330	284184	142.84	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	1265607	86.18	ng	-0.01
78) Terphenyl-d14	17.09	244	1134471	85.53	ng	0.00
Target Compounds						
49) Dimethylphthalate	11.98	163	71123	4.29	ng	Qvalue 97

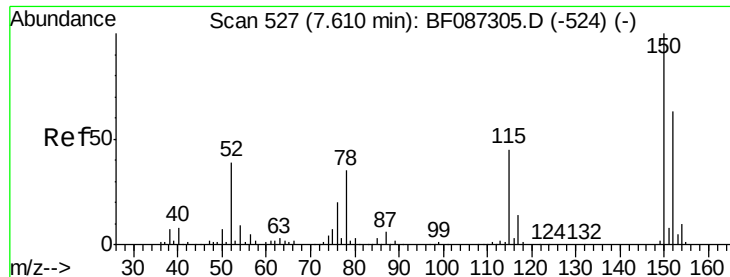
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 30 04:10:04 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF087512.D

Acq: 29 May 2016 10:00

Instrument :

BNA_F

ClientSampleId :

MW-10

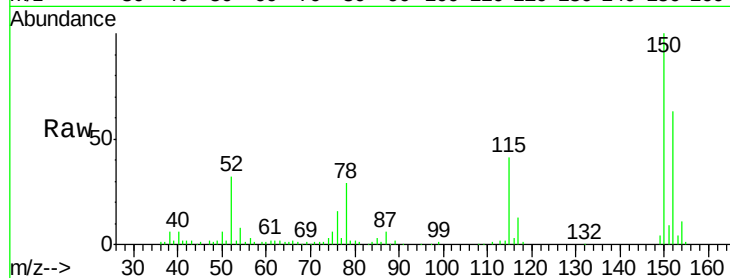
Tgt Ion:152 Resp: 111240

Ion Ratio Lower Upper

152 100

150 157.7 125.8 188.6

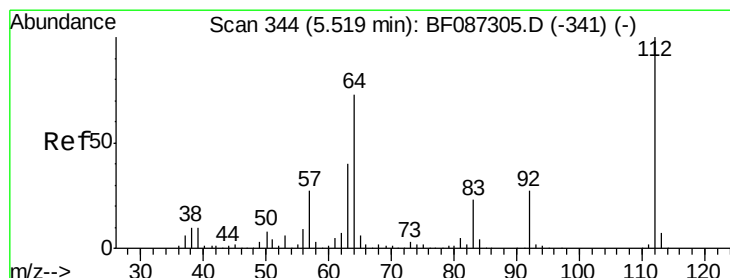
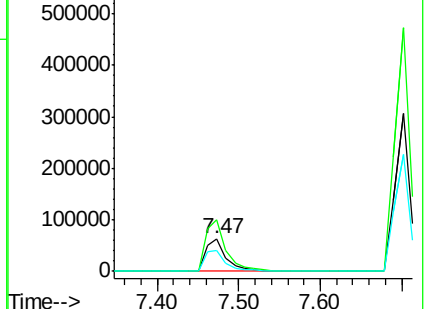
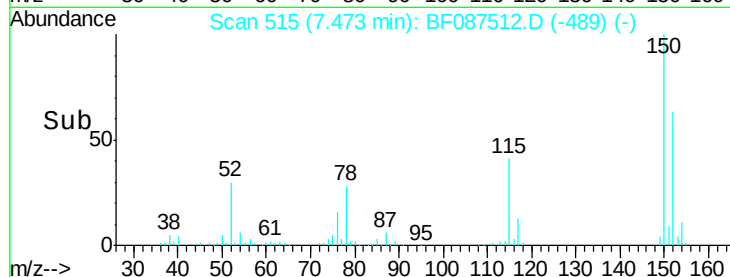
115 64.7 51.5 77.3



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: 67.75 ng

RT: 5.37 min Scan# 331

Delta R.T. 0.01 min

Lab File: BF087512.D

Acq: 29 May 2016 10:00

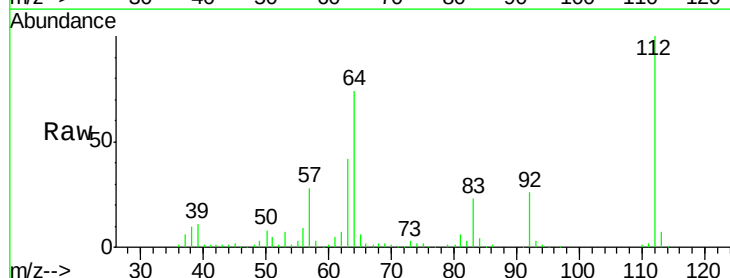
Tgt Ion:112 Resp: 428875

Ion Ratio Lower Upper

112 100

64 74.0 52.1 78.1

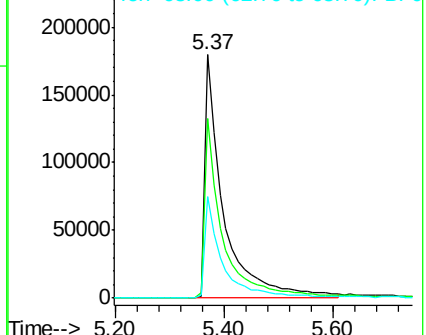
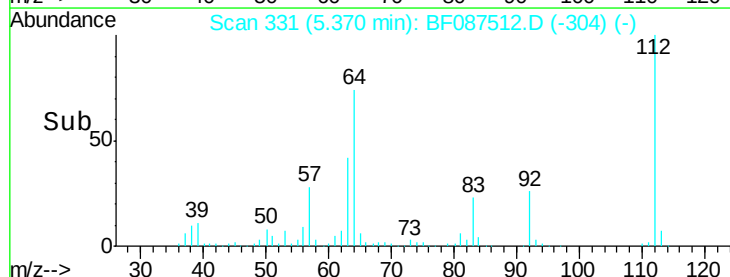
63 41.8 25.7 38.5

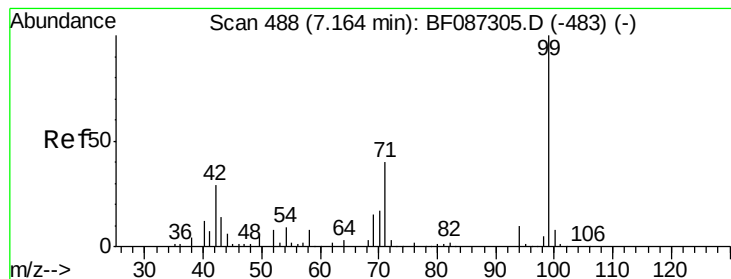


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.44 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF087512.D

Acq: 29 May 2016 10:00

Instrument :

BNA_F

ClientSampleId :

MW-10

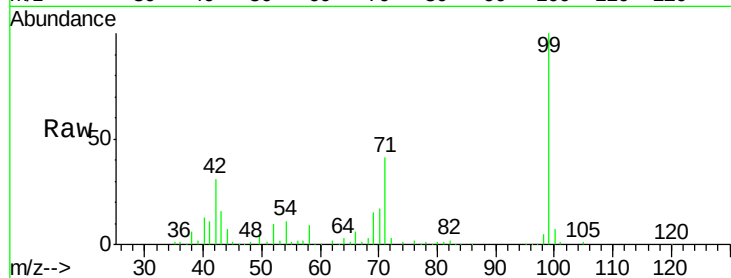
Tgt Ion: 99 Resp: 380134

Ion Ratio Lower Upper

99 100

42 31.1 13.6 20.4#

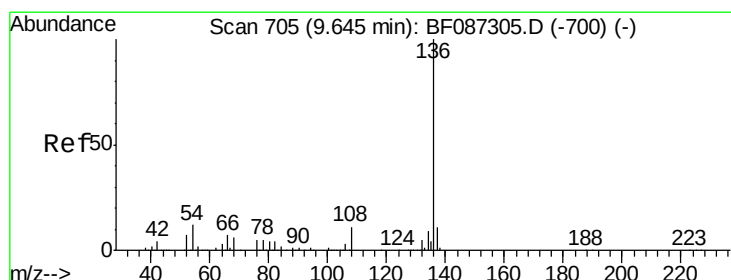
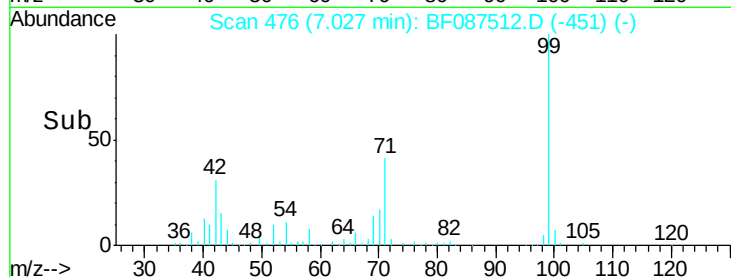
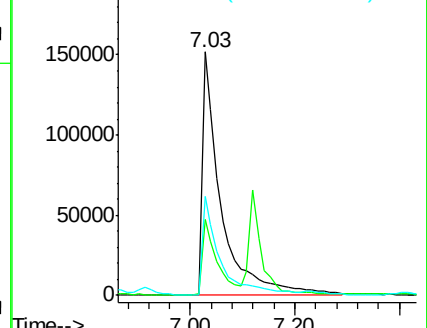
71 40.6 24.6 36.8#



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: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF087512.D

Acq: 29 May 2016 10:00

Tgt Ion: 136 Resp: 444227

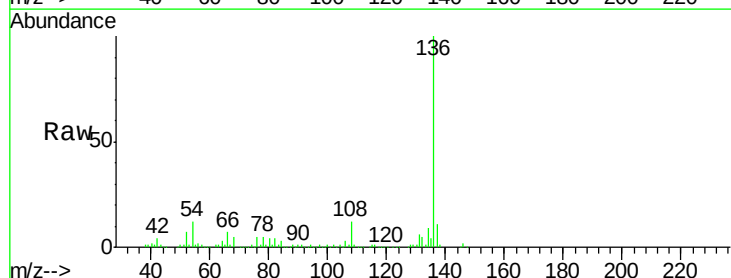
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 11.7 5.0 7.4#

68 5.5 4.4 6.6

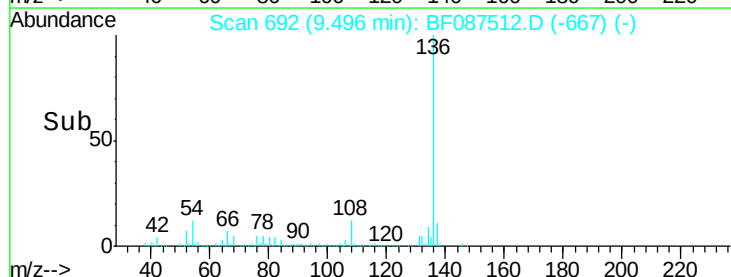
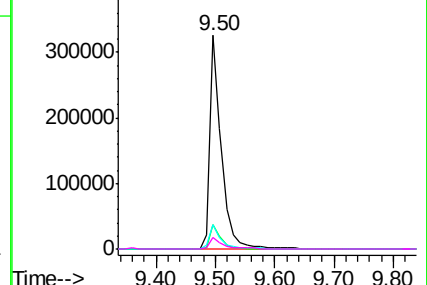


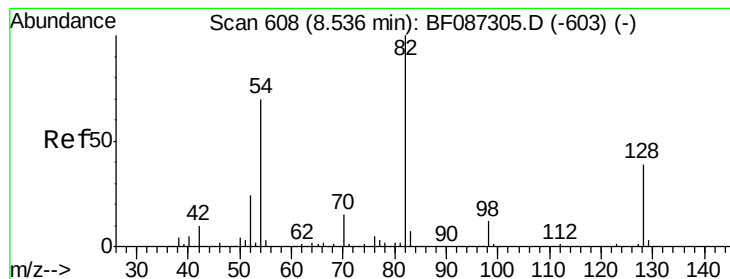
Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.27 ng

RT: 8.39 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF087512.D

Acq: 29 May 2016 10:00

Instrument :

BNA_F

ClientSampleId :

MW-10

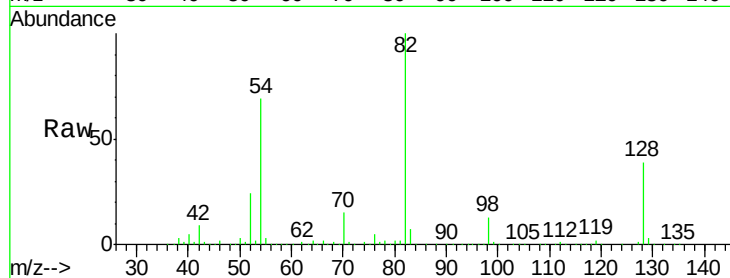
Tgt Ion: 82 Resp: 830912

Ion Ratio Lower Upper

82 100

128 39.3 40.6 61.0#

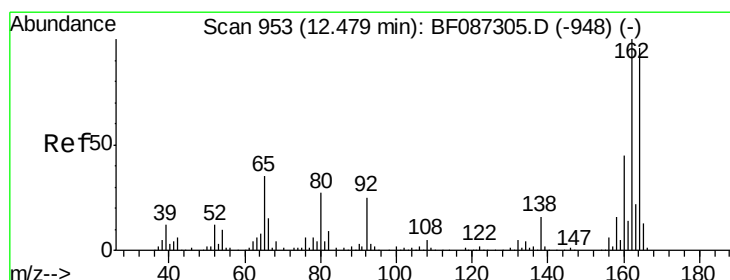
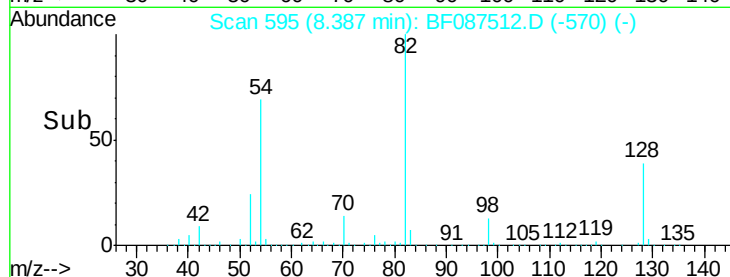
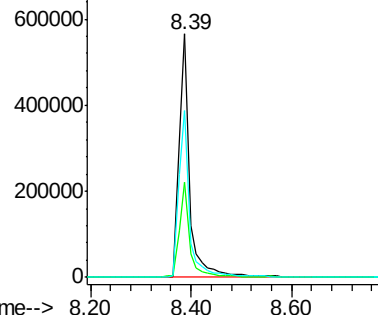
54 68.7 38.1 57.1#



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: 12.32 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF087512.D

Acq: 29 May 2016 10:00

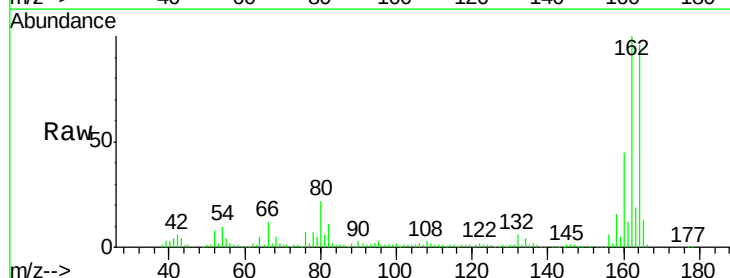
Tgt Ion: 164 Resp: 207027

Ion Ratio Lower Upper

164 100

162 104.6 82.8 124.2

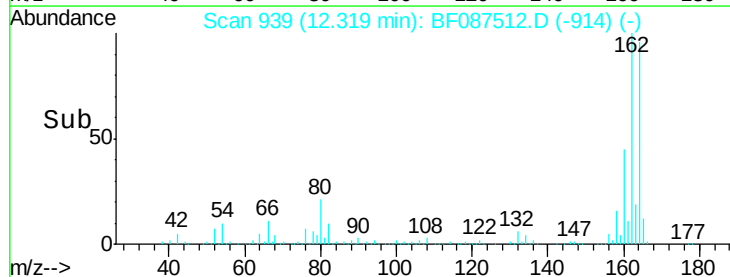
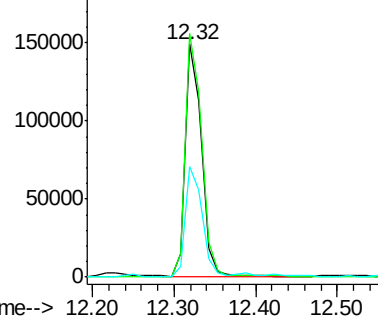
160 47.2 36.9 55.3

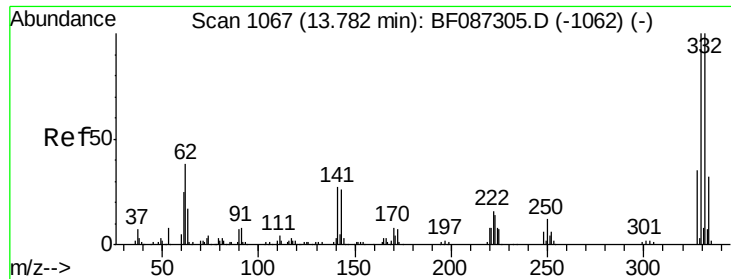


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

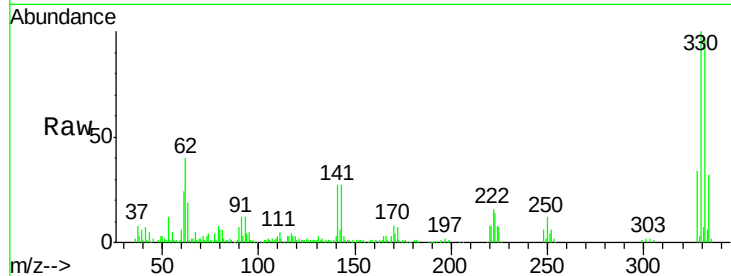




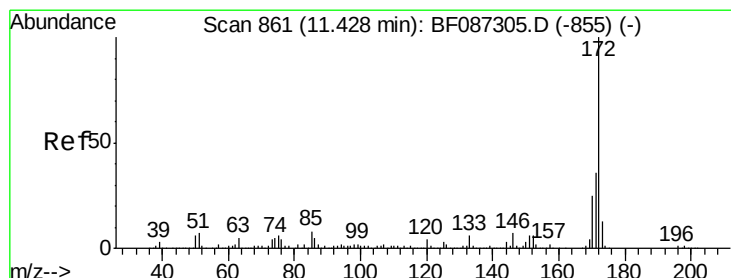
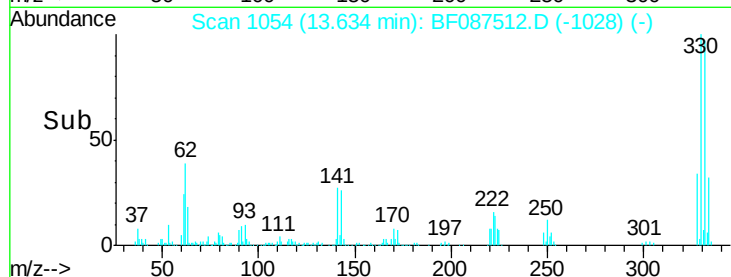
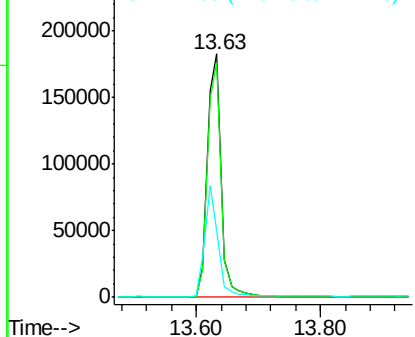
#41
 2,4,6-Tribromophenol
 Concen: 142.84 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BF087512.D
 Acq: 29 May 2016 10:00

Instrument :
 BNA_F
 ClientSampled :
 MW-10

Tgt Ion:330 Resp: 284184
 Ion Ratio Lower Upper
 330 100
 332 96.4 79.0 118.4
 141 44.3 31.2 46.8

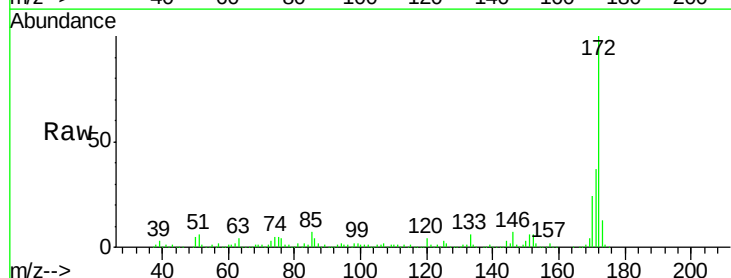


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

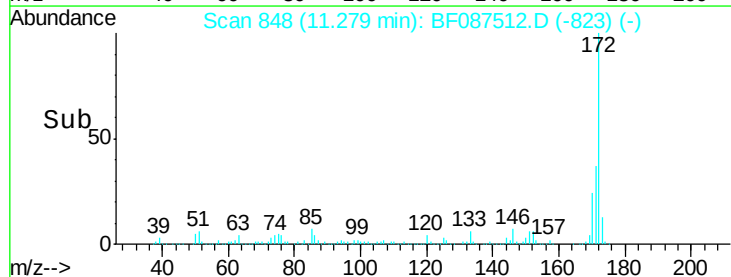
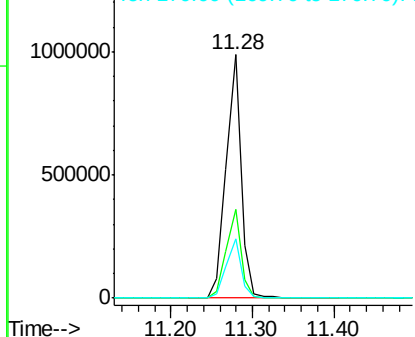


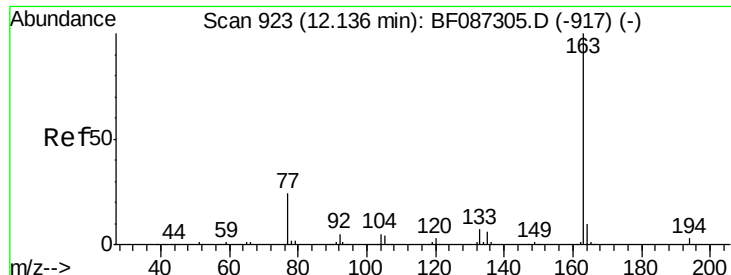
#44
 2-Fluorobiphenyl
 Concen: 86.18 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087512.D
 Acq: 29 May 2016 10:00

Tgt Ion:172 Resp: 1265607
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 24.4 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

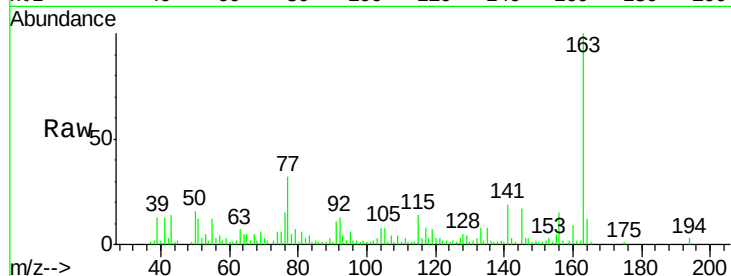




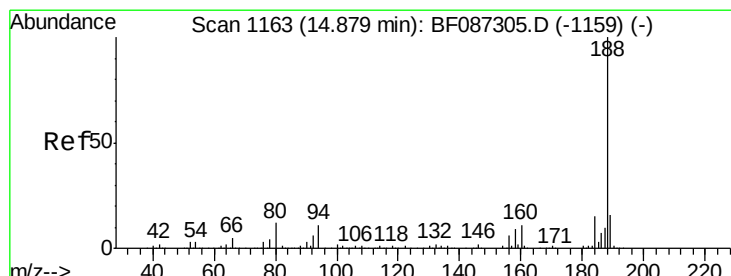
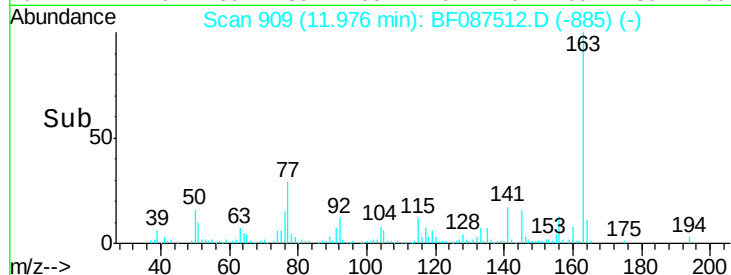
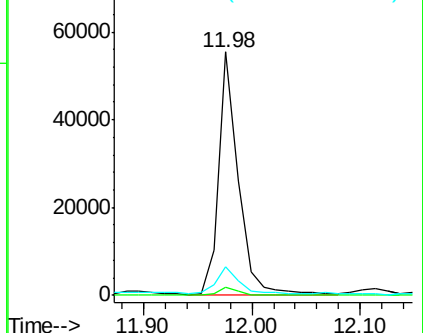
#49
Dimethylphthalate
Concen: 4.29 ng
RT: 11.98 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF087512.D
Acq: 29 May 2016 10:00

Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion:163 Resp: 71123
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 11.7 8.2 12.4

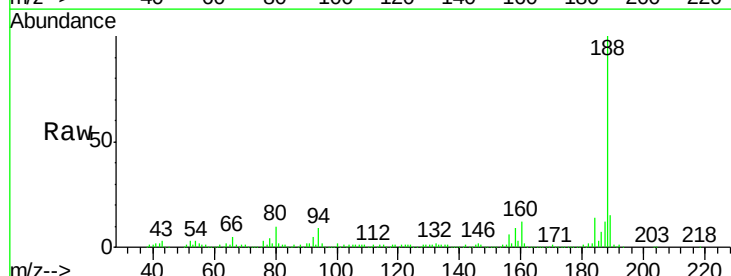


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

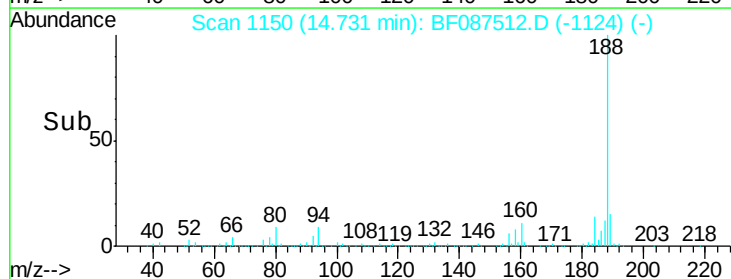
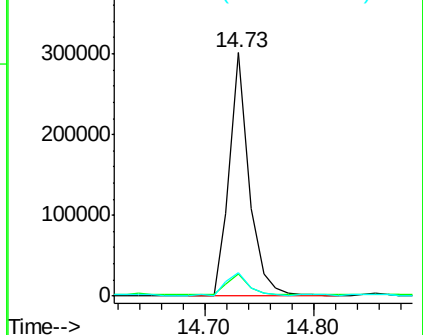


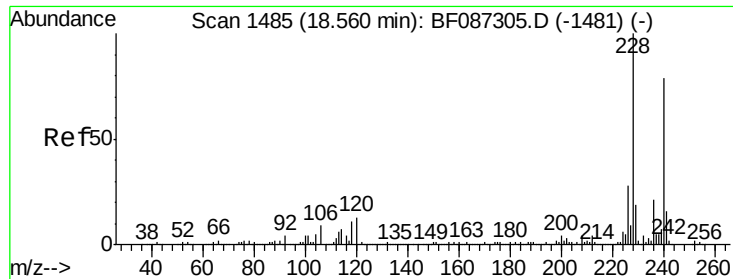
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF087512.D
Acq: 29 May 2016 10:00

Tgt Ion:188 Resp: 382777
Ion Ratio Lower Upper
188 100
94 9.0 6.8 10.2
80 9.6 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: 18.43 min Scan# 1474

Delta R.T. -0.00 min

Lab File: BF087512.D

Acq: 29 May 2016 10:00

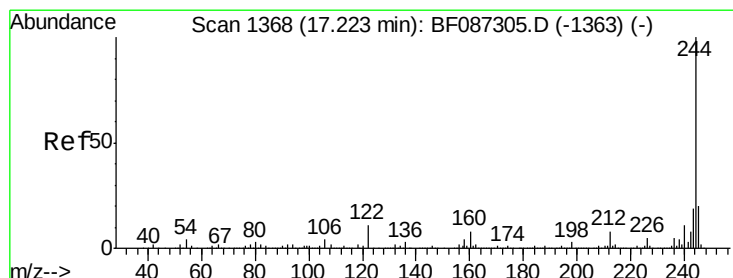
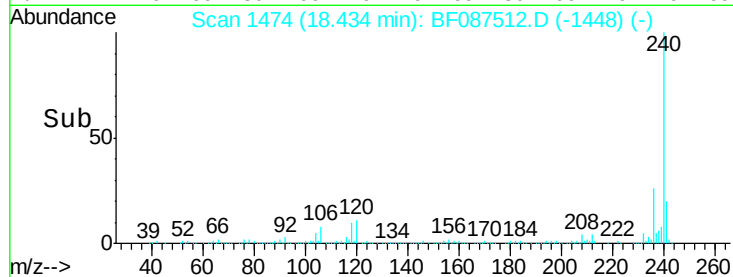
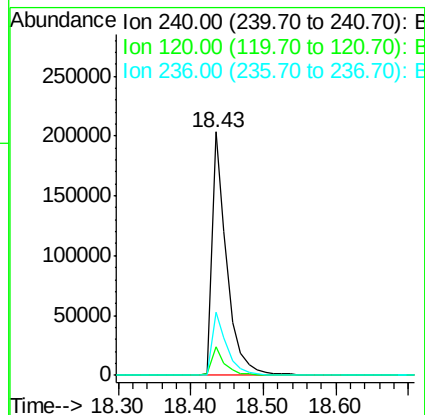
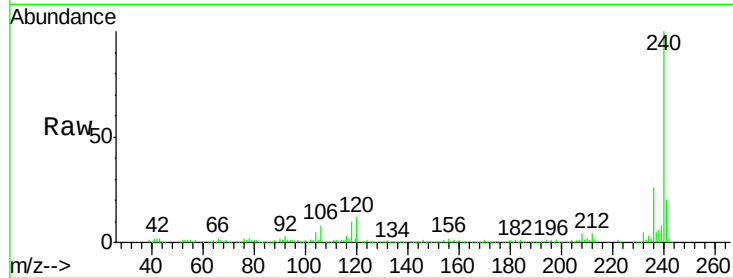
Instrument :

BNA_F

ClientSampleId :

MW-10

Tgt Ion:	240	Resp:	281985
Ion Ratio	Lower	Upper	
240	100		
120	11.6	11.2	16.8
236	25.9	21.2	31.8



#78

Terphenyl-d14

Concen: 85.53 ng

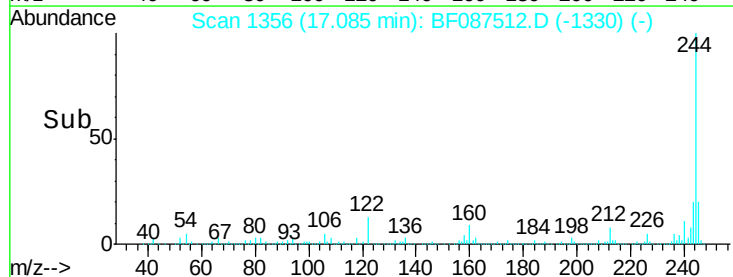
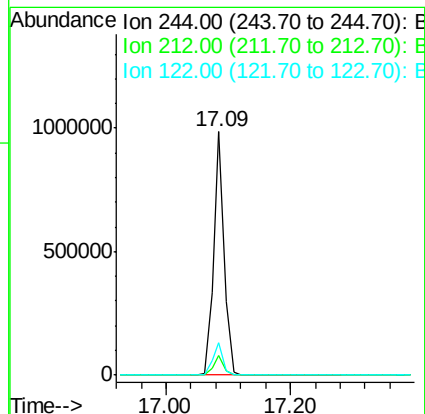
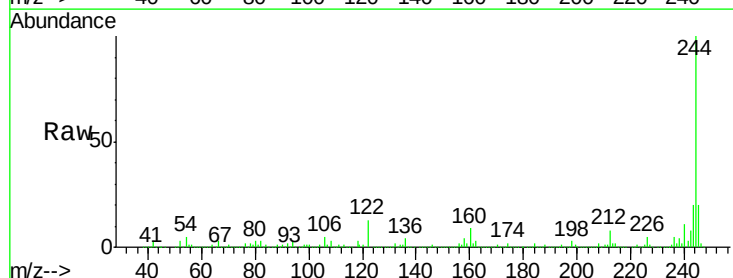
RT: 17.09 min Scan# 1356

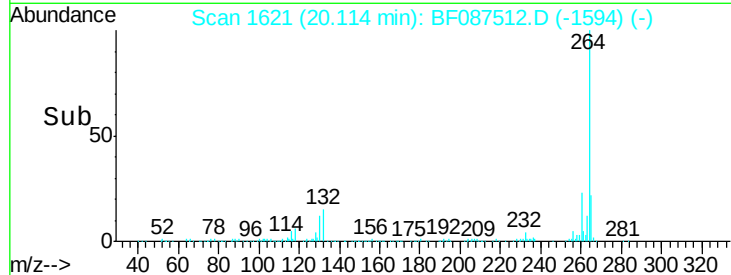
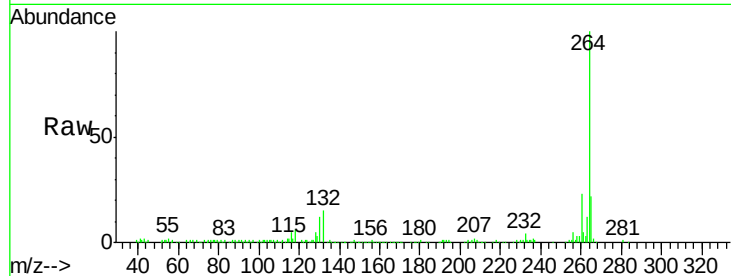
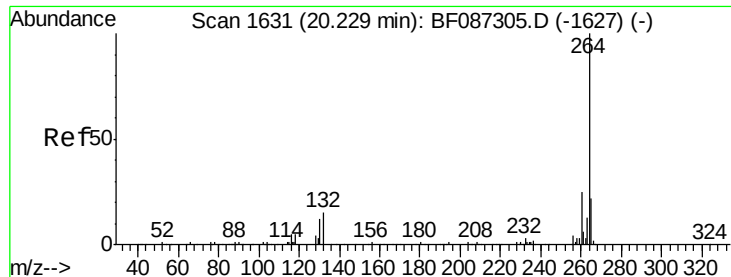
Delta R.T. -0.00 min

Lab File: BF087512.D

Acq: 29 May 2016 10:00

Tgt Ion:	244	Resp:	1134471
Ion Ratio	Lower	Upper	
244	100		
212	8.2	6.2	9.2
122	13.1	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.11 min Scan# 1621
Delta R.T. 0.01 min
Lab File: BF087512.D
Acq: 29 May 2016 10:00

Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion:	264	Resp:	207184
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.7	17.3	25.9

