

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
 Data File : BF087260.D
 Acq On : 21 May 2016 9:08
 Operator : UM/SJ
 Sample : H3167-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-RMW-4

Quant Time: May 23 01:20:10 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 01:17:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	121340	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	529041	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	258413	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	450333	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	325766	20.00	ng	-0.01
86) Perylene-d12	15.04	264	236866	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	527928	73.13	ng	0.01
7) Phenol-d6	6.23	99	426376	44.04	ng	0.00
23) Nitrobenzene-d5	7.13	82	917010	86.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.39	330	334258	117.05	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1573838	100.87	ng	0.00
78) Terphenyl-d14	12.65	244	1216999	84.51	ng	0.00

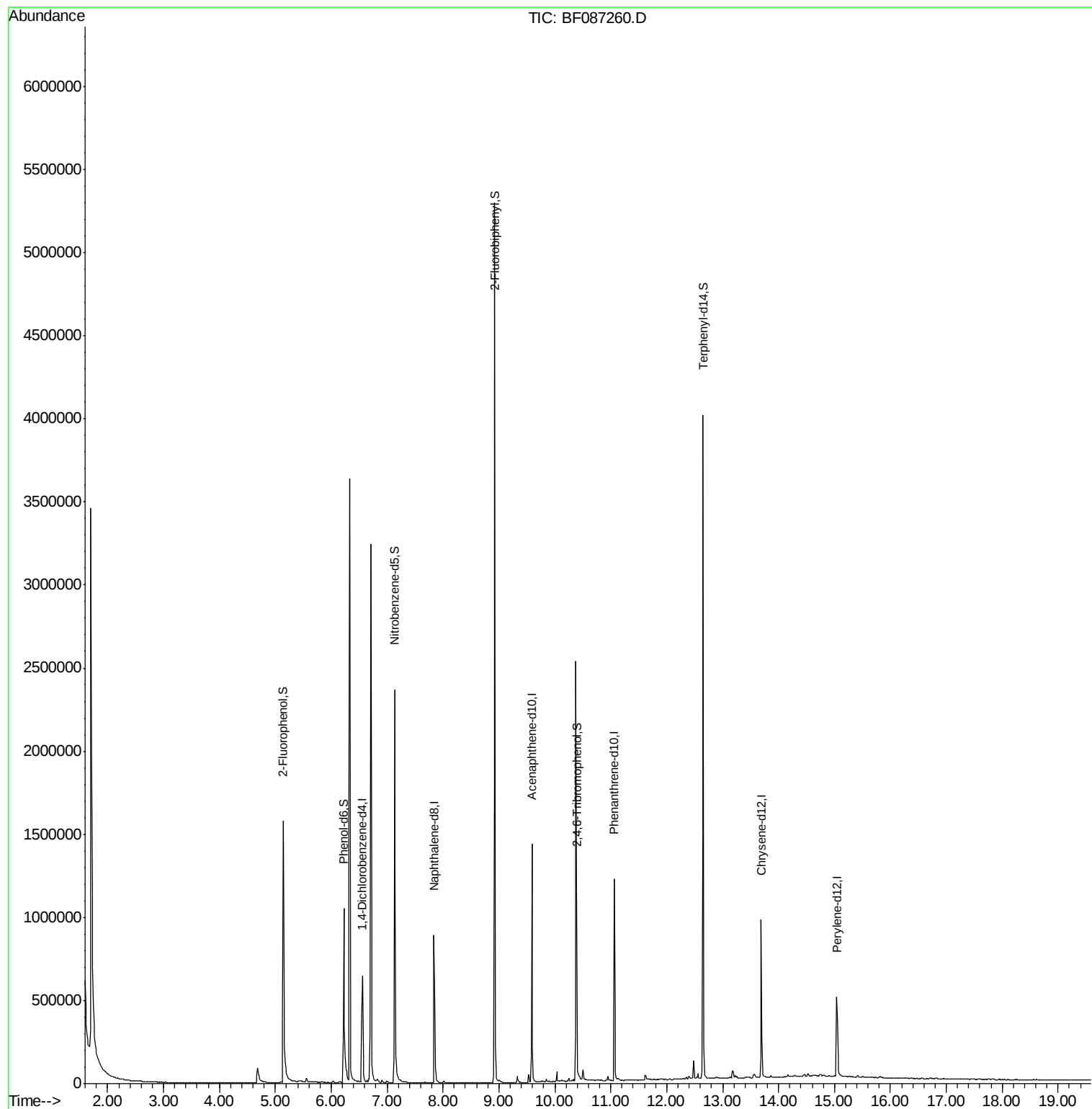
Target Compounds	Qvalue
------------------	--------

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
Data File : BF087260.D
Acq On : 21 May 2016 9:08
Operator : UM/SJ
Sample : H3167-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAV-RMW-4

Quant Time: May 23 01:20:10 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 23 01:17:45 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF087260.D

Acq: 21 May 2016 9:08

Instrument :

BNA_F

ClientSampleId :

RAV-RMW-4

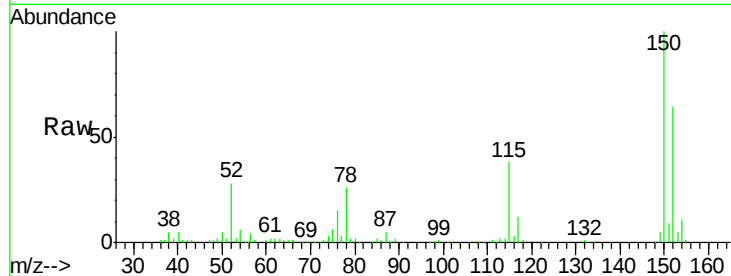
Tot Ion:152 Resp: 121340

Ion Ratio Lower Upper

152 100

150 156.1 125.8 188.6

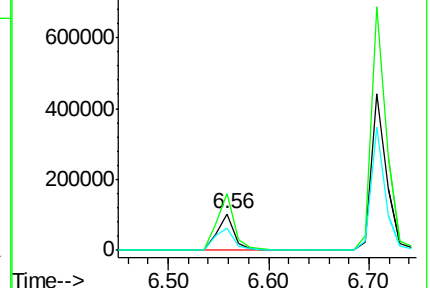
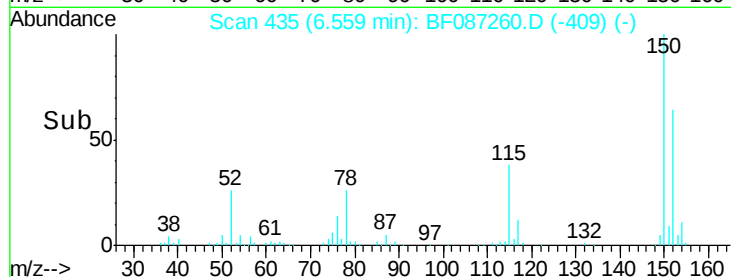
115 59.8 51.5 77.3



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: 73.13 ng

RT: 5.14 min Scan# 311

Delta R.T. 0.01 min

Lab File: BF087260.D

Acq: 21 May 2016 9:08

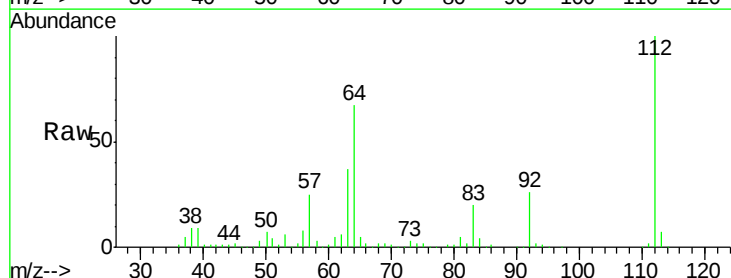
Tgt Ion:112 Resp: 527928

Ion Ratio Lower Upper

112 100

64 66.7 52.1 78.1

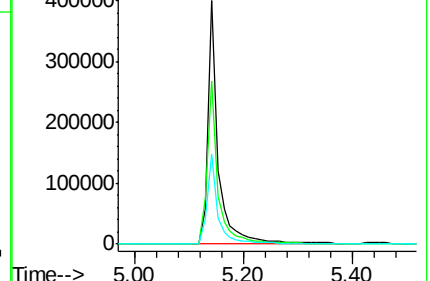
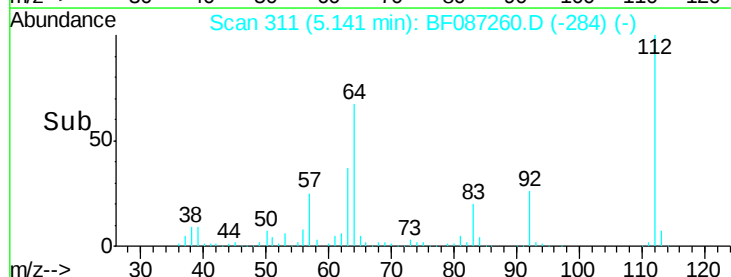
63 36.8 25.7 38.5



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: 44.04 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF087260.D

Acq: 21 May 2016 9:08

Instrument :

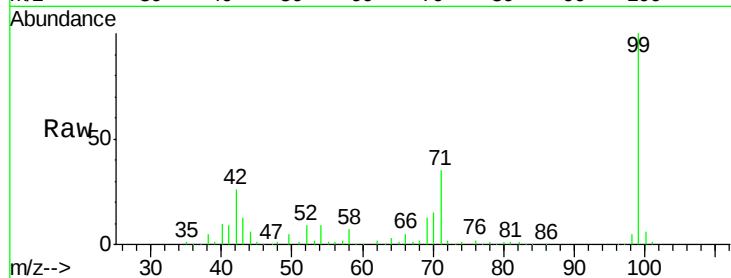
BNA_F

ClientSampleId :

RAV-RMW-4

Tot Ion: 99 Resp: 426376

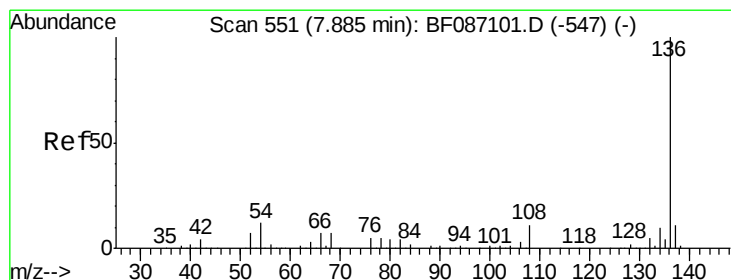
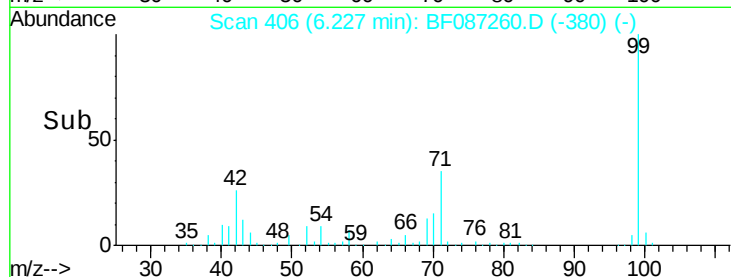
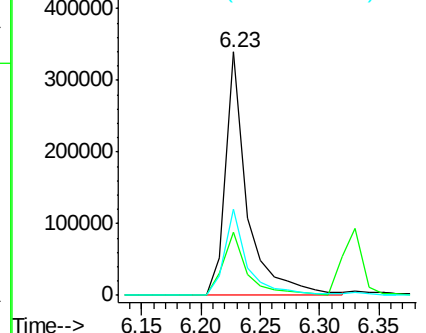
Ion	Ratio	Lower	Upper
99	100		
42	26.0	13.6	20.4#
71	35.4	24.6	36.8



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: 7.84 min Scan# 547

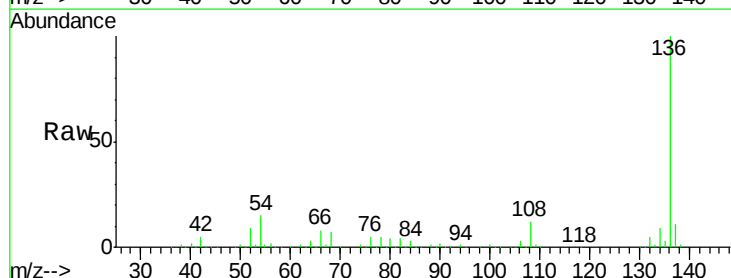
Delta R.T. -0.01 min

Lab File: BF087260.D

Acq: 21 May 2016 9:08

Tgt Ion: 136 Resp: 529041

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	15.3	5.0	7.4#
68	7.3	4.4	6.6#

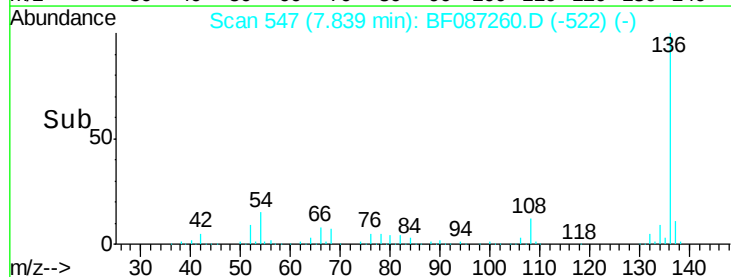
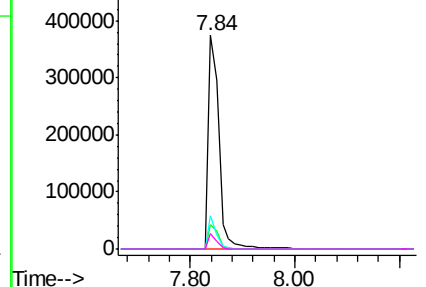


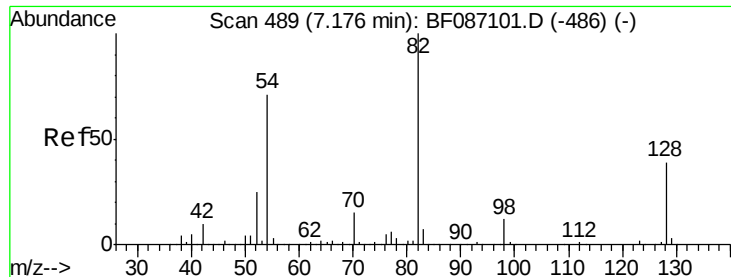
Abundance Ion 136.00 (135.70 to 136.70): E

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

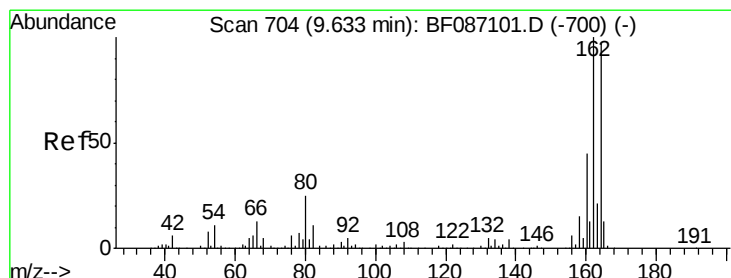
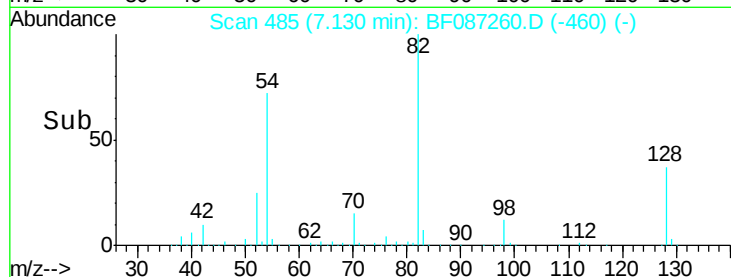
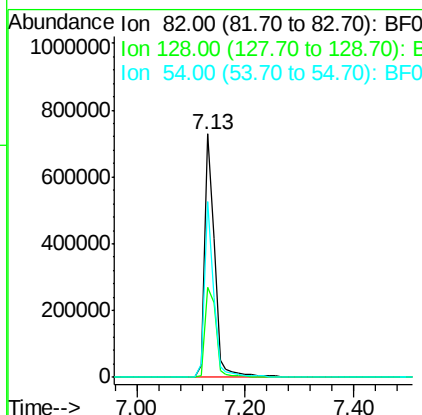
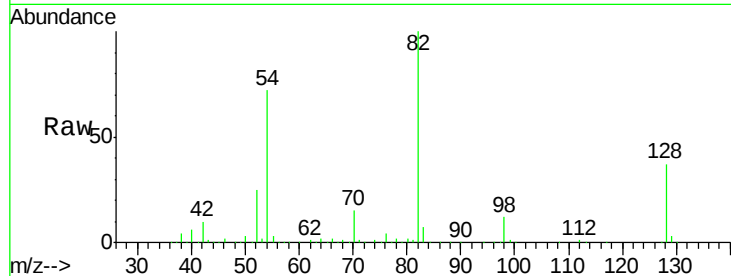




#23
 Nitrobenzene-d5
 Concen: 86.39 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF087260.D
 Acq: 21 May 2016 9:08

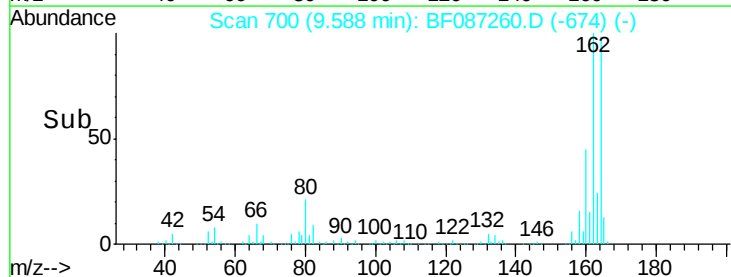
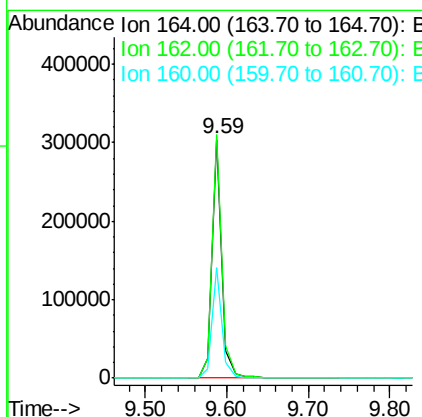
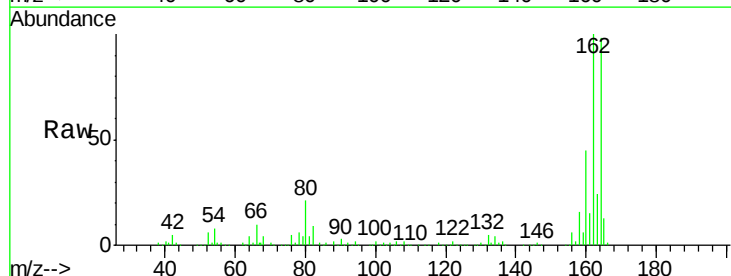
Instrument :
 BNA_F
 ClientSampleId :
 RAV-RMW-4

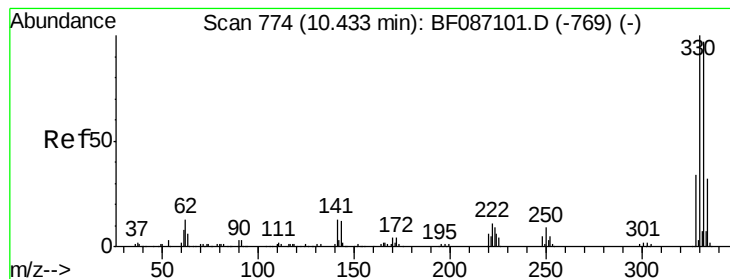
Tot Ion: 82 Resp: 917010
 Ion Ratio Lower Upper
 82 100
 128 36.7 40.6 61.0#
 54 72.1 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF087260.D
 Acq: 21 May 2016 9:08

Tgt Ion: 164 Resp: 258413
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.8 124.2
 160 46.3 36.9 55.3





#41

2,4,6-Tribromophenol

Concen: 117.05 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF087260.D

Acq: 21 May 2016 9:08

Instrument :

BNA_F

ClientSampleId :

RAV-RMW-4

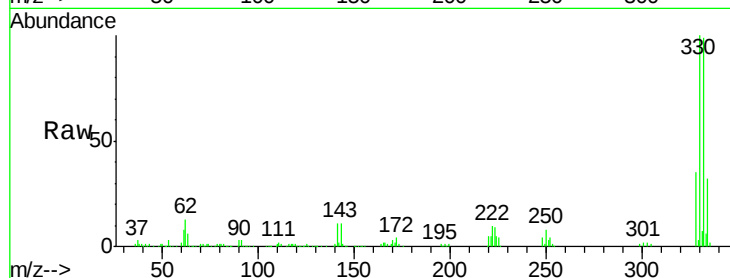
Tot Ion:330 Resp: 334258

Ion Ratio Lower Upper

330 100

332 96.6 79.0 118.4

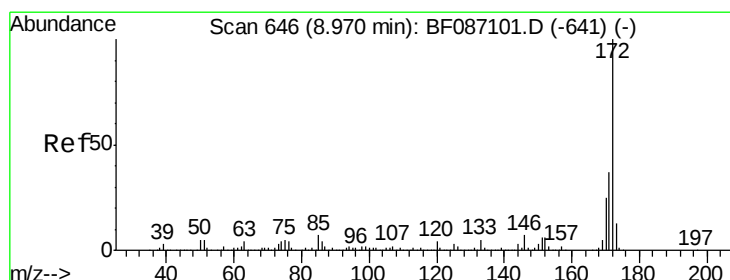
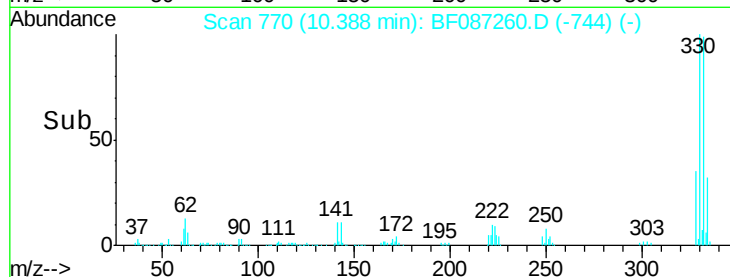
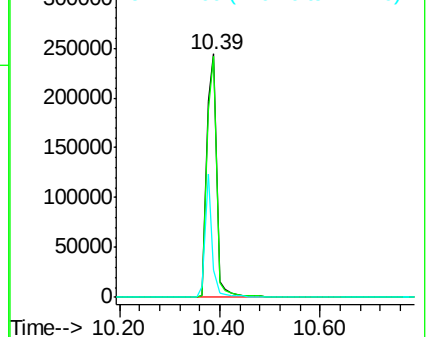
141 36.3 31.2 46.8



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: 100.87 ng

RT: 8.92 min Scan# 642

Delta R.T. -0.00 min

Lab File: BF087260.D

Acq: 21 May 2016 9:08

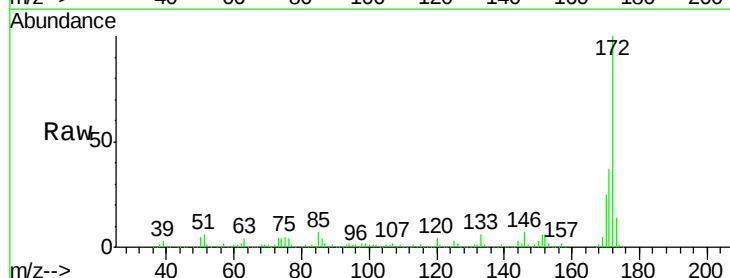
Tgt Ion:172 Resp: 1573838

Ion Ratio Lower Upper

172 100

171 37.0 29.0 43.6

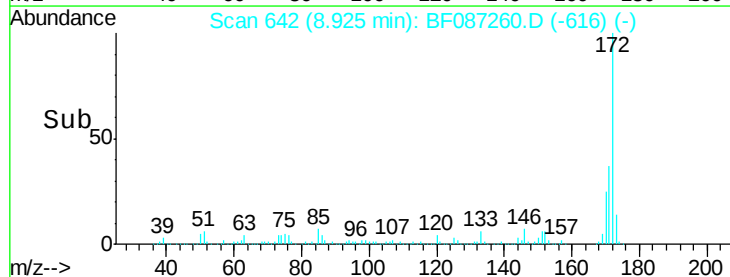
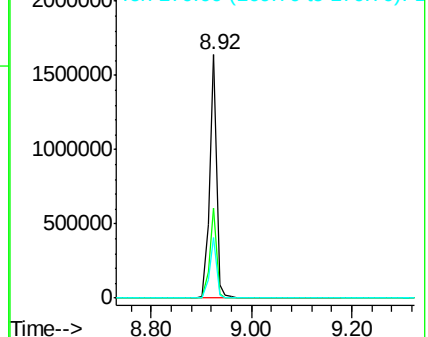
170 25.0 19.8 29.8

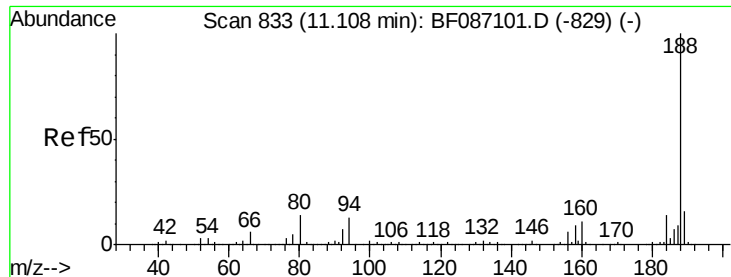


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

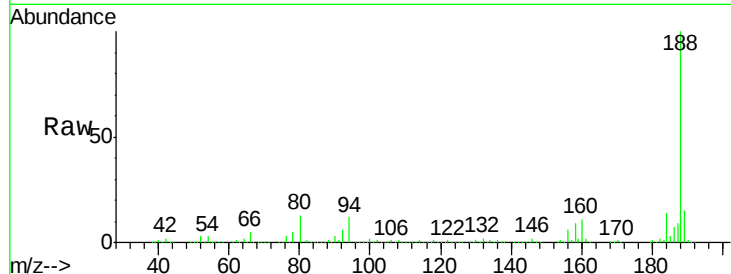




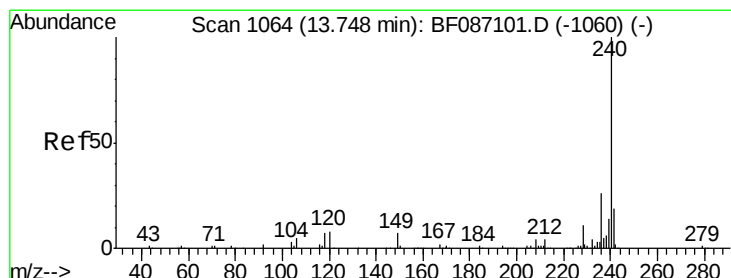
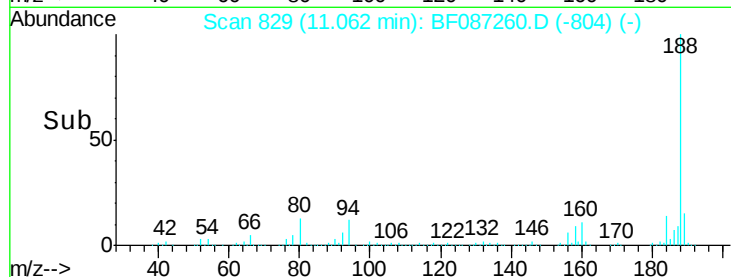
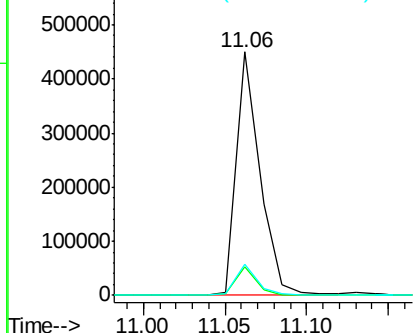
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087260.D
Acq: 21 May 2016 9:08

Instrument :
BNA_F
ClientSampleId :
RAV-RMW-4

Tot Ion:188 Resp: 450333
Ion Ratio Lower Upper
188 100
94 11.6 6.8 10.2#
80 12.9 7.1 10.7#

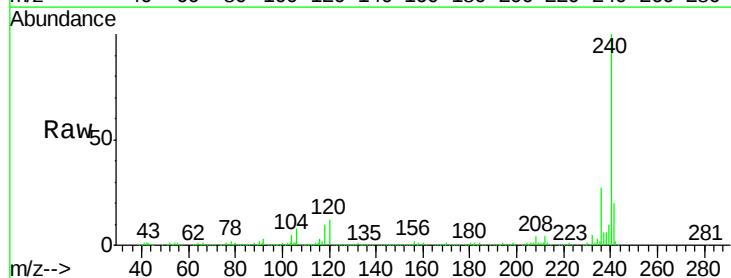


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

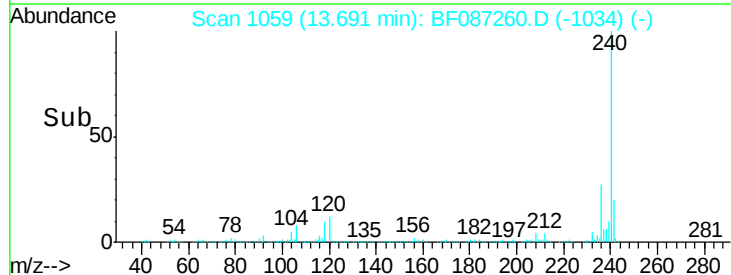
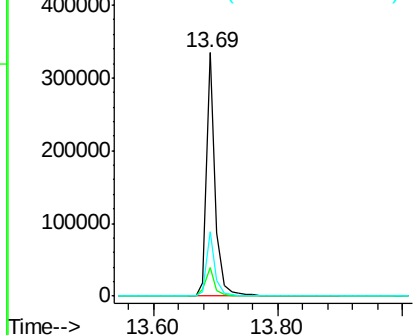


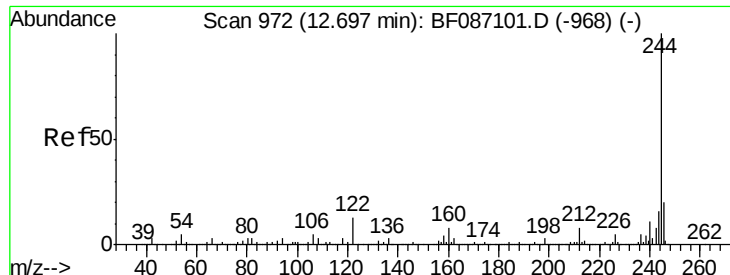
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF087260.D
Acq: 21 May 2016 9:08

Tgt Ion:240 Resp: 325766
Ion Ratio Lower Upper
240 100
120 11.9 11.2 16.8
236 26.7 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: 84.51 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF087260.D

Acq: 21 May 2016 9:08

Instrument :

BNA_F

ClientSampleId :

RAV-RMW-4

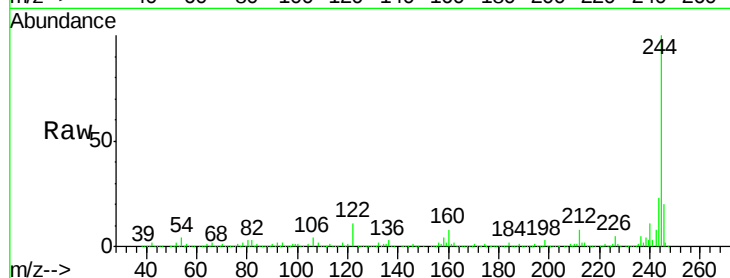
Tot Ion:244 Resp: 1216999

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

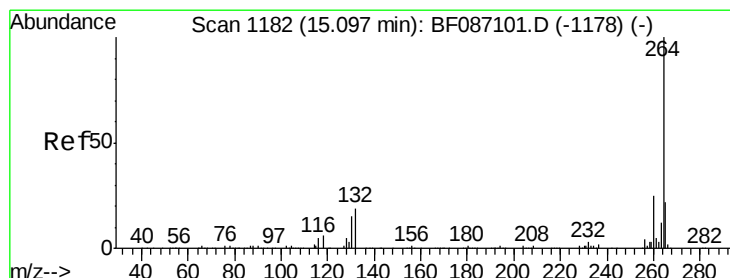
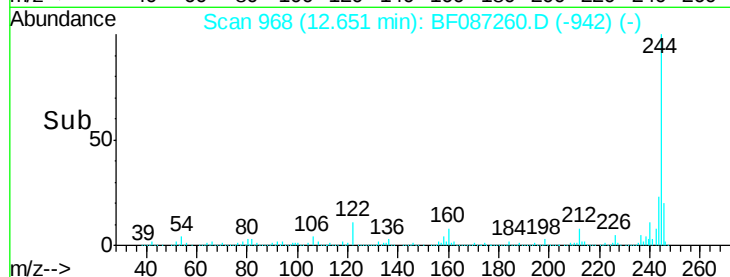
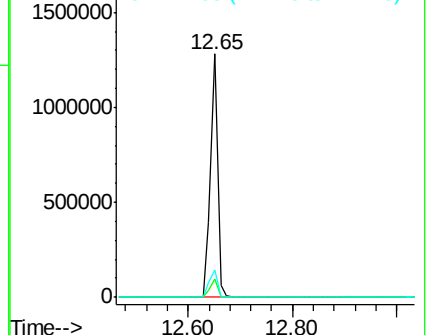
122 11.3 12.0 18.0#



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: 15.04 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BF087260.D

Acq: 21 May 2016 9:08

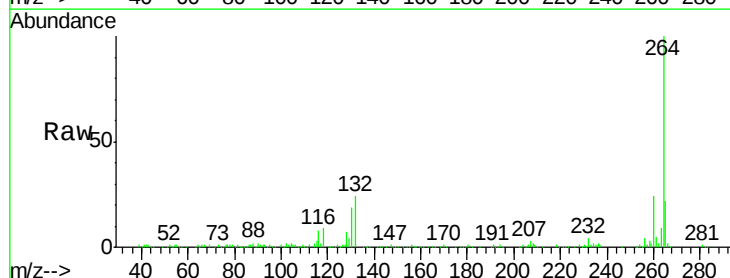
Tgt Ion:264 Resp: 236866

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.7 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

