

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
 Data File : BF087259.D
 Acq On : 21 May 2016 8:39
 Operator : UM/SJ
 Sample : H3167-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-RMW-1

Quant Time: May 23 01:18:40 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	122963	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	543119	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	274360	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	474697	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	359329	20.00	ng	-0.01
86) Perylene-d12	15.04	264	252521	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	560755	76.65	ng	0.01
7) Phenol-d6	6.23	99	481663	49.09	ng	0.00
23) Nitrobenzene-d5	7.13	82	974469	89.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.39	330	384408	126.79	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1667729	100.67	ng	0.00
78) Terphenyl-d14	12.65	244	1431071	90.09	ng	0.00

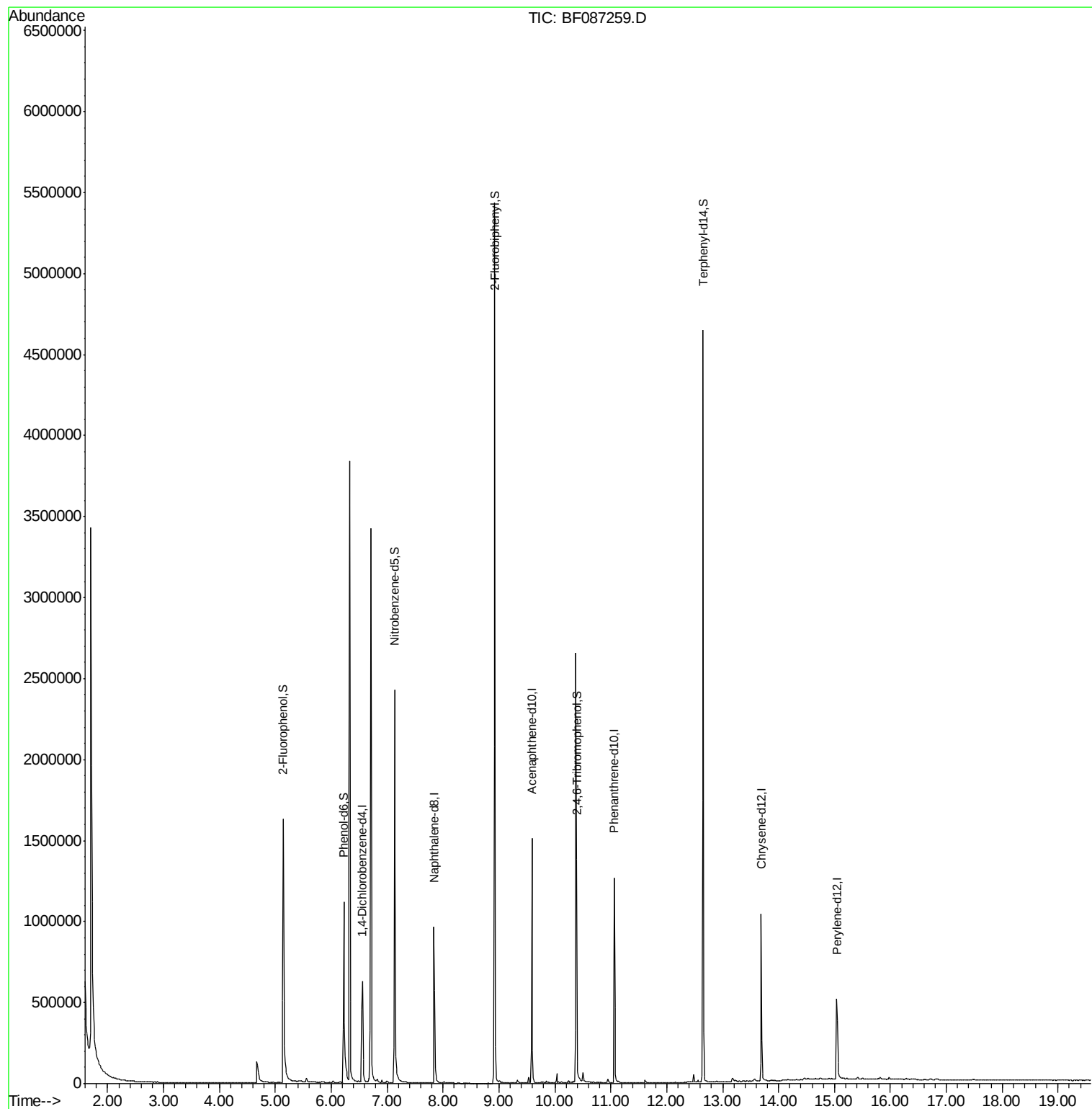
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF087259.D

Acq: 21 May 2016 8:39

Instrument :

BNA_F

ClientSampleId :

RAV-RMW-1

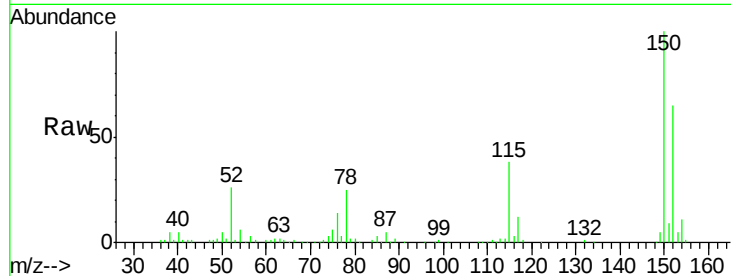
Tot Ion:152 Resp: 122963

Ion Ratio Lower Upper

152 100

150 153.4 125.8 188.6

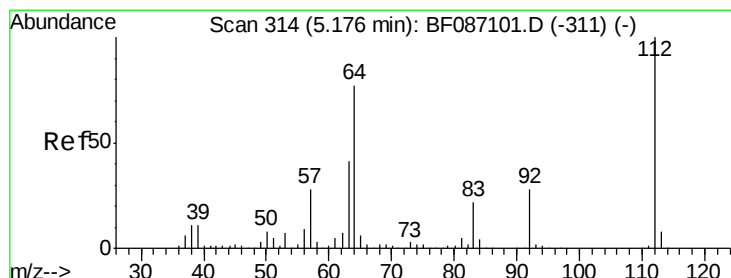
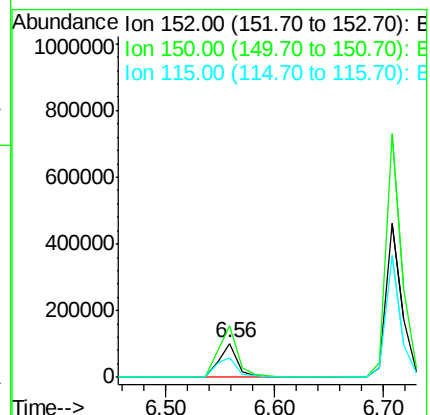
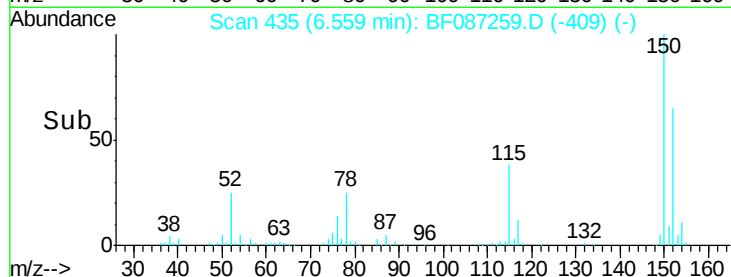
115 58.2 51.5 77.3



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: 76.65 ng

RT: 5.14 min Scan# 311

Delta R.T. 0.01 min

Lab File: BF087259.D

Acq: 21 May 2016 8:39

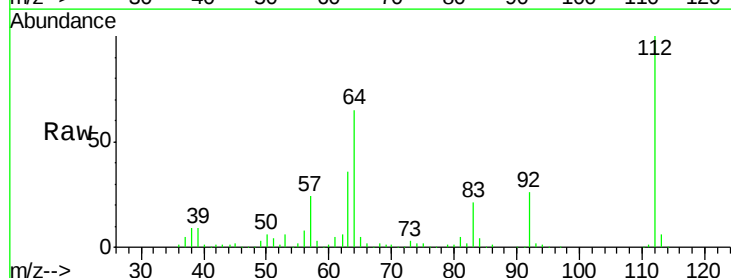
Tgt Ion:112 Resp: 560755

Ion Ratio Lower Upper

112 100

64 65.4 52.1 78.1

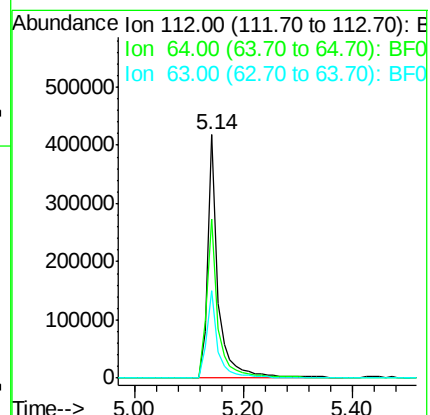
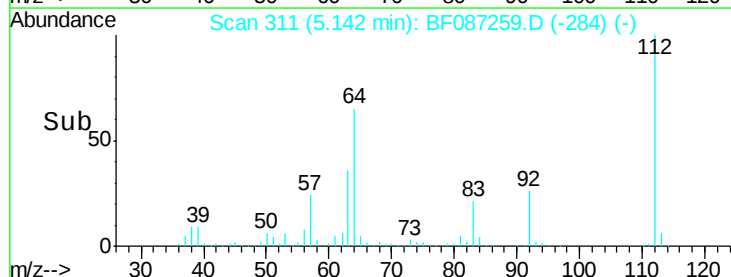
63 35.7 25.7 38.5



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: 49.09 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF087259.D

Acq: 21 May 2016 8:39

Instrument :

BNA_F

ClientSampleId :

RAV-RMW-1

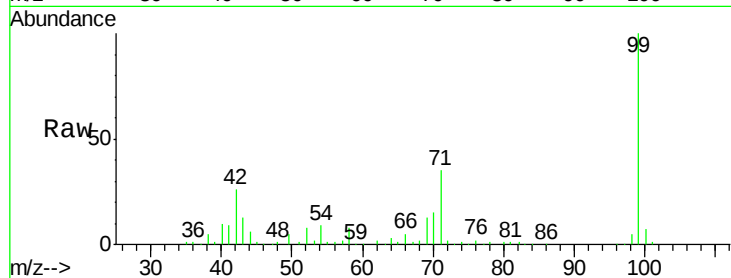
Tot Ion: 99 Resp: 481663

Ion Ratio Lower Upper

99 100

42 25.6 13.6 20.4#

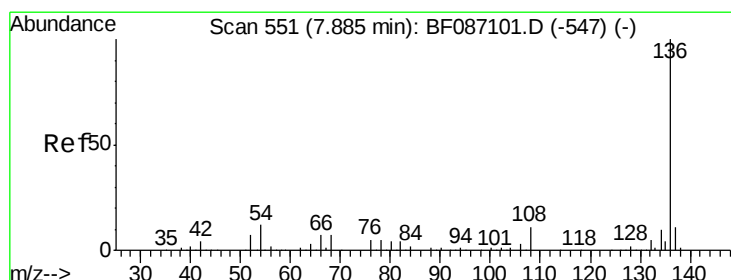
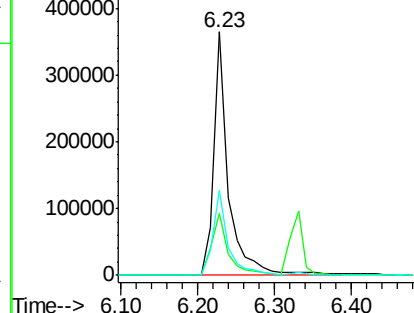
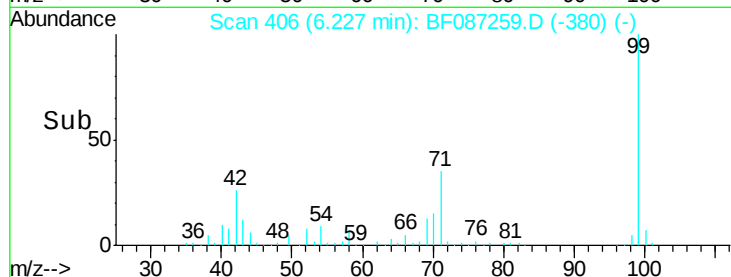
71 35.1 24.6 36.8



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: BF087259.D

Acq: 21 May 2016 8:39

Tgt Ion: 136 Resp: 543119

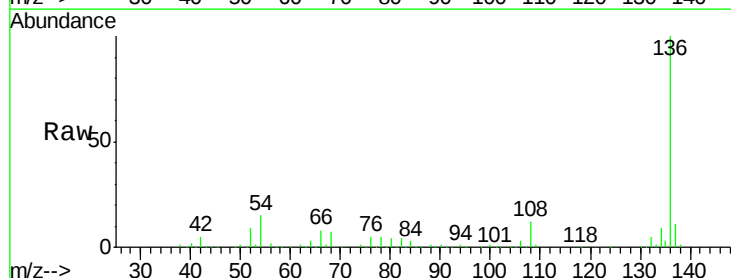
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 14.9 5.0 7.4#

68 7.4 4.4 6.6#

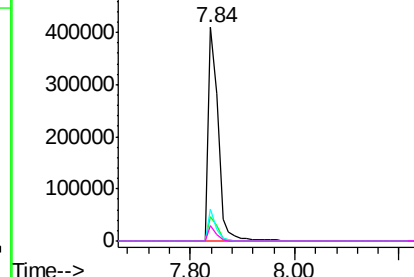
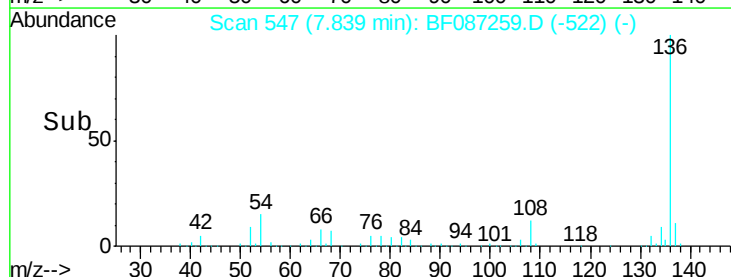


Abundance Ion 136.00 (135.70 to 136.70): E

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

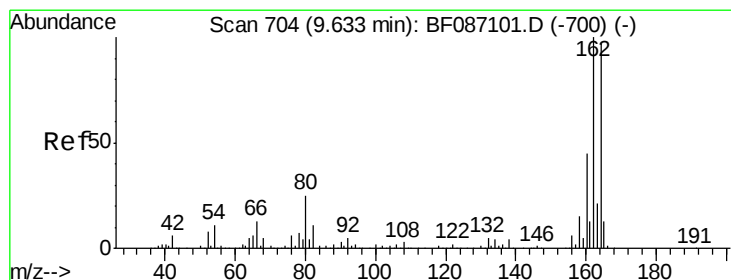
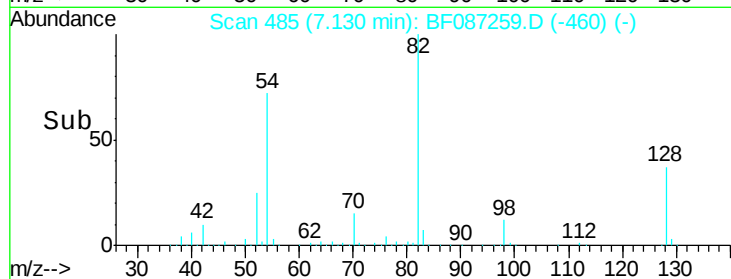
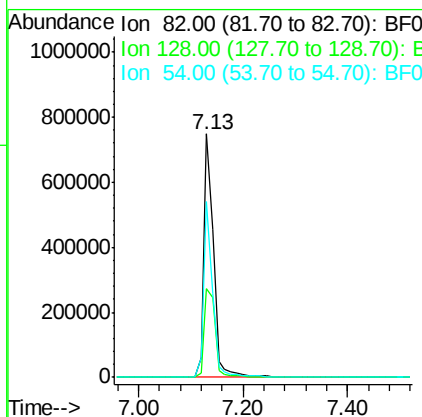
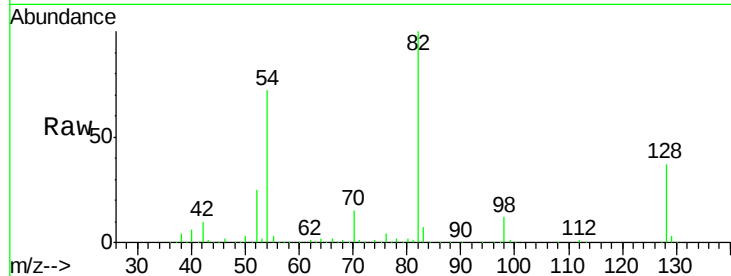




#23
Nitrobenzene-d5
Concen: 89.42 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF087259.D
Acq: 21 May 2016 8:39

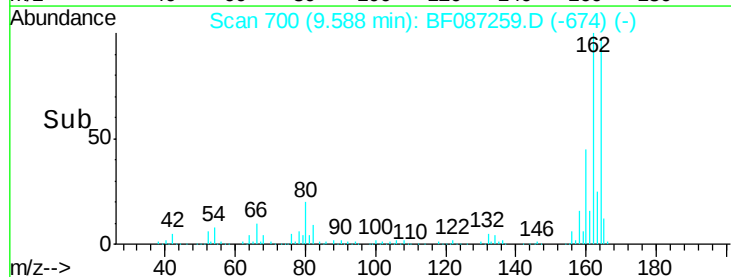
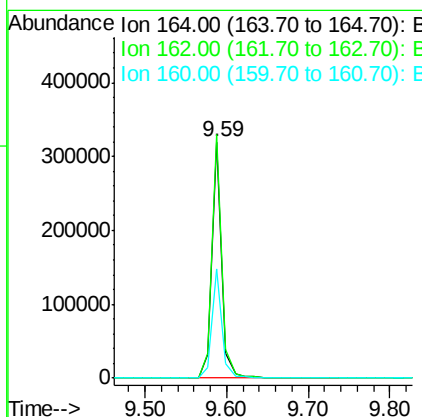
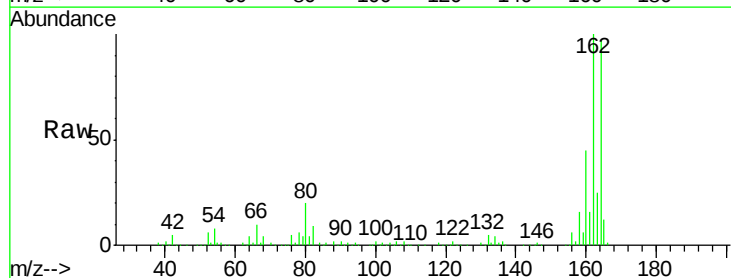
Instrument :
BNA_F
ClientSampleId :
RAV-RMW-1

Tot Ion	82	Resp	974469
Ion Ratio	Lower	Upper	
82	100		
128	36.6	40.6	61.0#
54	72.0	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: BF087259.D
Acq: 21 May 2016 8:39

Tgt Ion	164	Resp	274360
Ion Ratio	Lower	Upper	
164	100		
162	103.0	82.8	124.2
160	46.4	36.9	55.3

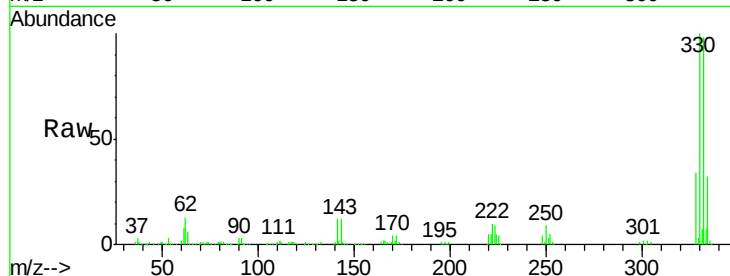




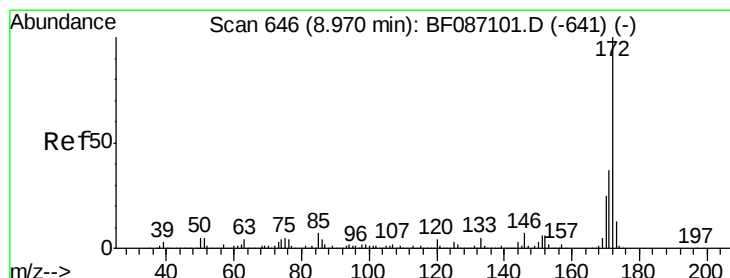
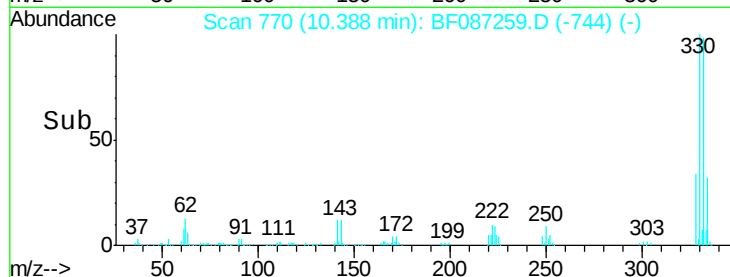
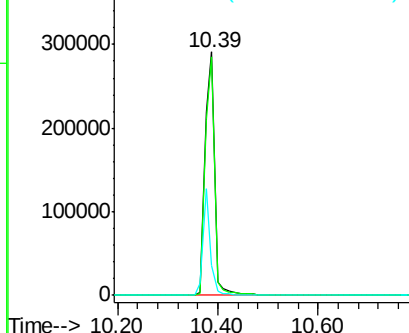
#41
 2,4,6-Tribromophenol
 Concen: 126.79 ng
 RT: 10.39 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF087259.D
 Acq: 21 May 2016 8:39

Instrument :
 BNA_F
 ClientSampleId :
 RAV-RMW-1

Tot Ion:330 Resp: 384408
 Ion Ratio Lower Upper
 330 100
 332 97.0 79.0 118.4
 141 34.5 31.2 46.8

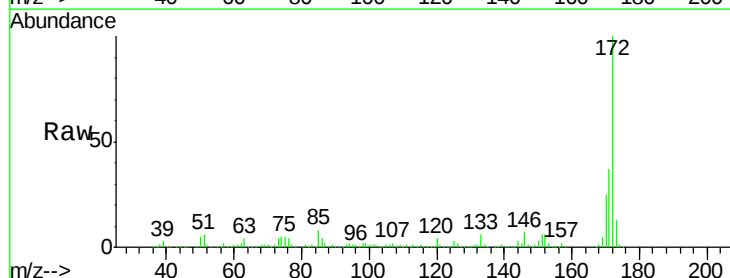


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

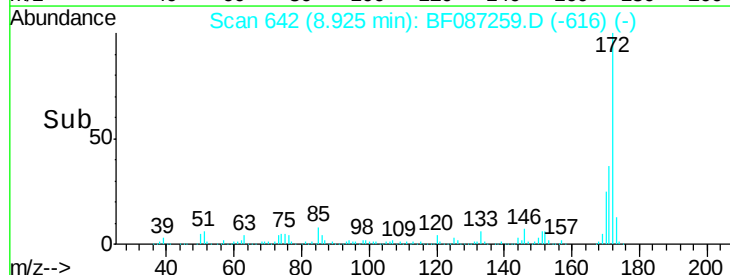
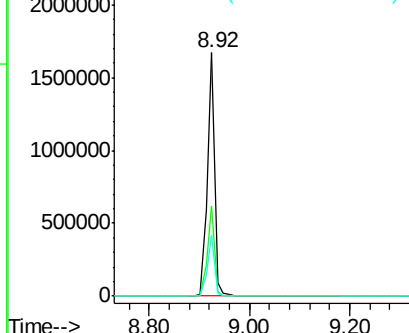


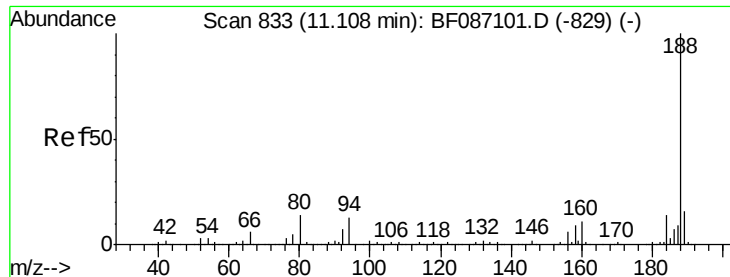
#44
 2-Fluorobiphenyl
 Concen: 100.67 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF087259.D
 Acq: 21 May 2016 8:39

Tgt Ion:172 Resp: 1667729
 Ion Ratio Lower Upper
 172 100
 171 37.1 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

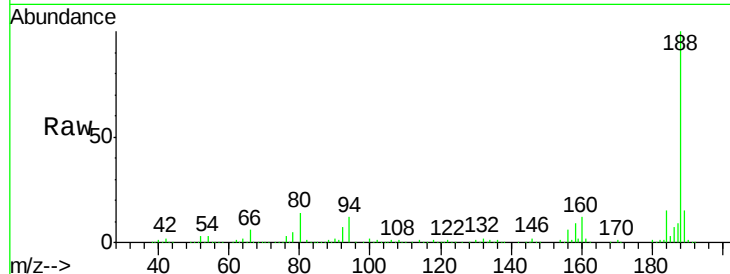




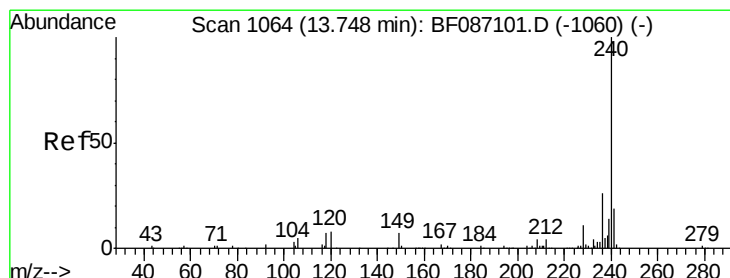
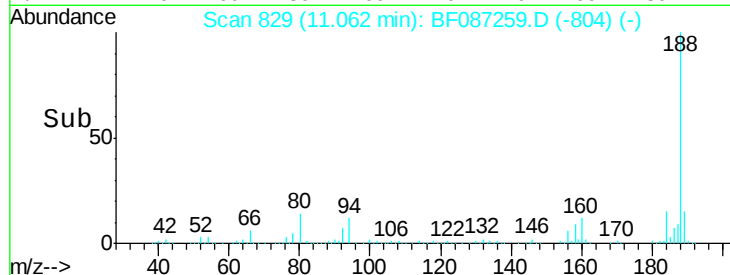
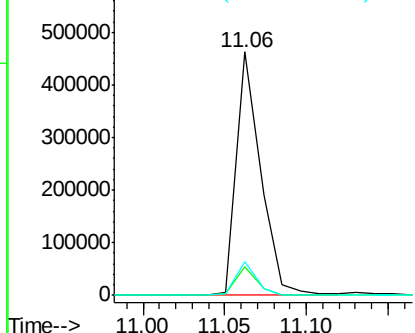
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087259.D
Acq: 21 May 2016 8:39

Instrument :
BNA_F
ClientSampleId :
RAV-RMW-1

Tot Ion:188 Resp: 474697
Ion Ratio Lower Upper
188 100
94 11.9 6.8 10.2#
80 13.7 7.1 10.7#

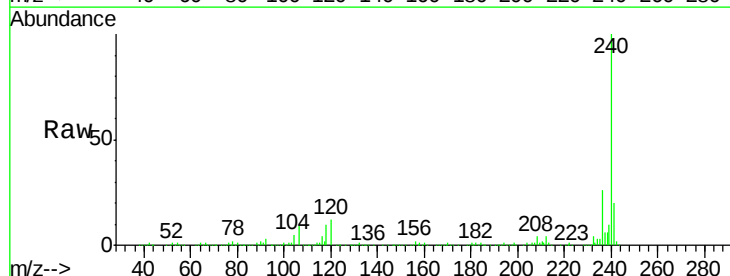


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

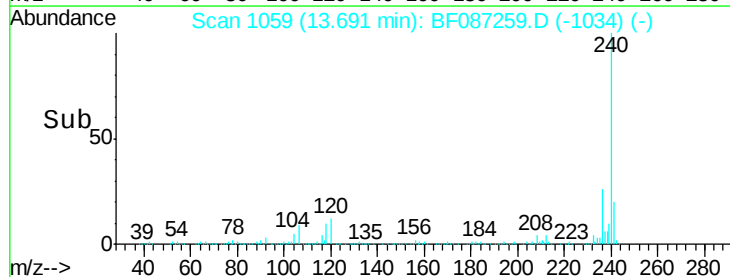
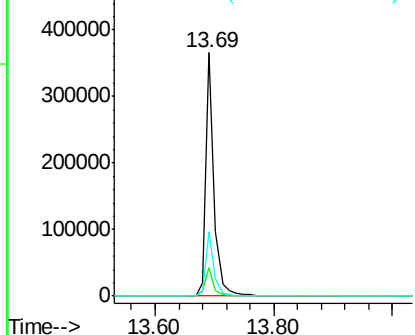


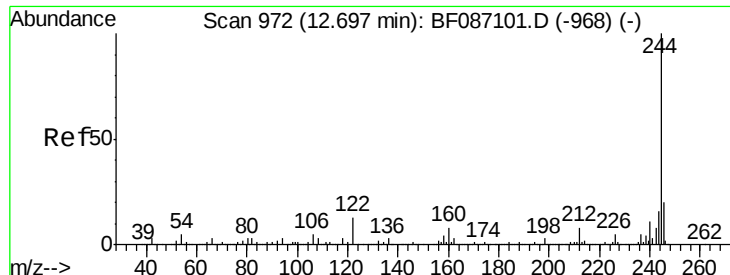
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF087259.D
Acq: 21 May 2016 8:39

Tgt Ion:240 Resp: 359329
Ion Ratio Lower Upper
240 100
120 11.9 11.2 16.8
236 26.2 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: 90.09 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF087259.D

Acq: 21 May 2016 8:39

Instrument :

BNA_F

ClientSampleId :

RAV-RMW-1

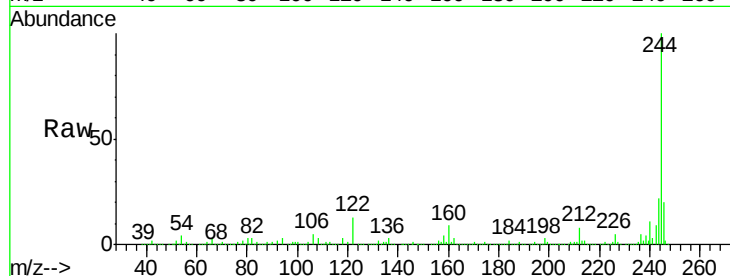
Tot Ion:244 Resp: 1431071

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

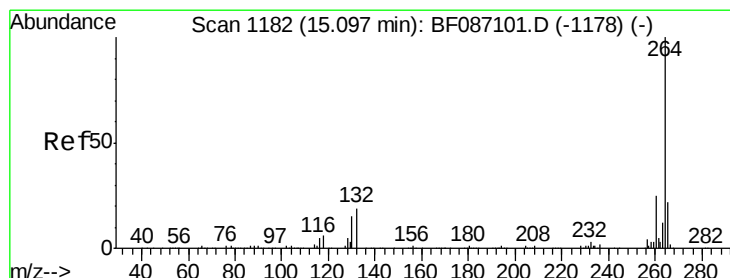
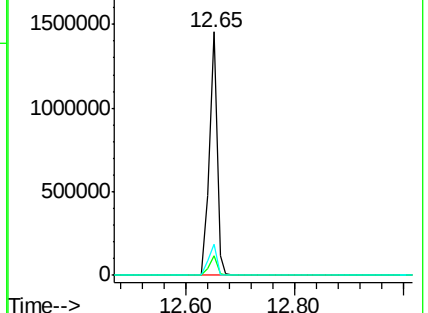
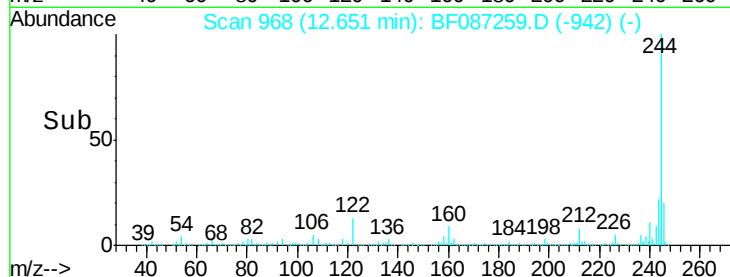
122 12.6 12.0 18.0



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.04 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF087259.D

Acq: 21 May 2016 8:39

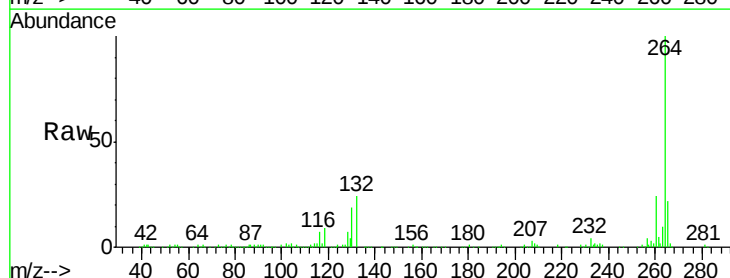
Tgt Ion:264 Resp: 252521

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.6 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

