

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
 Data File : BF087256.D
 Acq On : 21 May 2016 7:12
 Operator : UM/SJ
 Sample : H3167-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-RMW-3

Quant Time: May 23 01:11:50 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 01:04:42 2016
 Response via : Initial Calibration

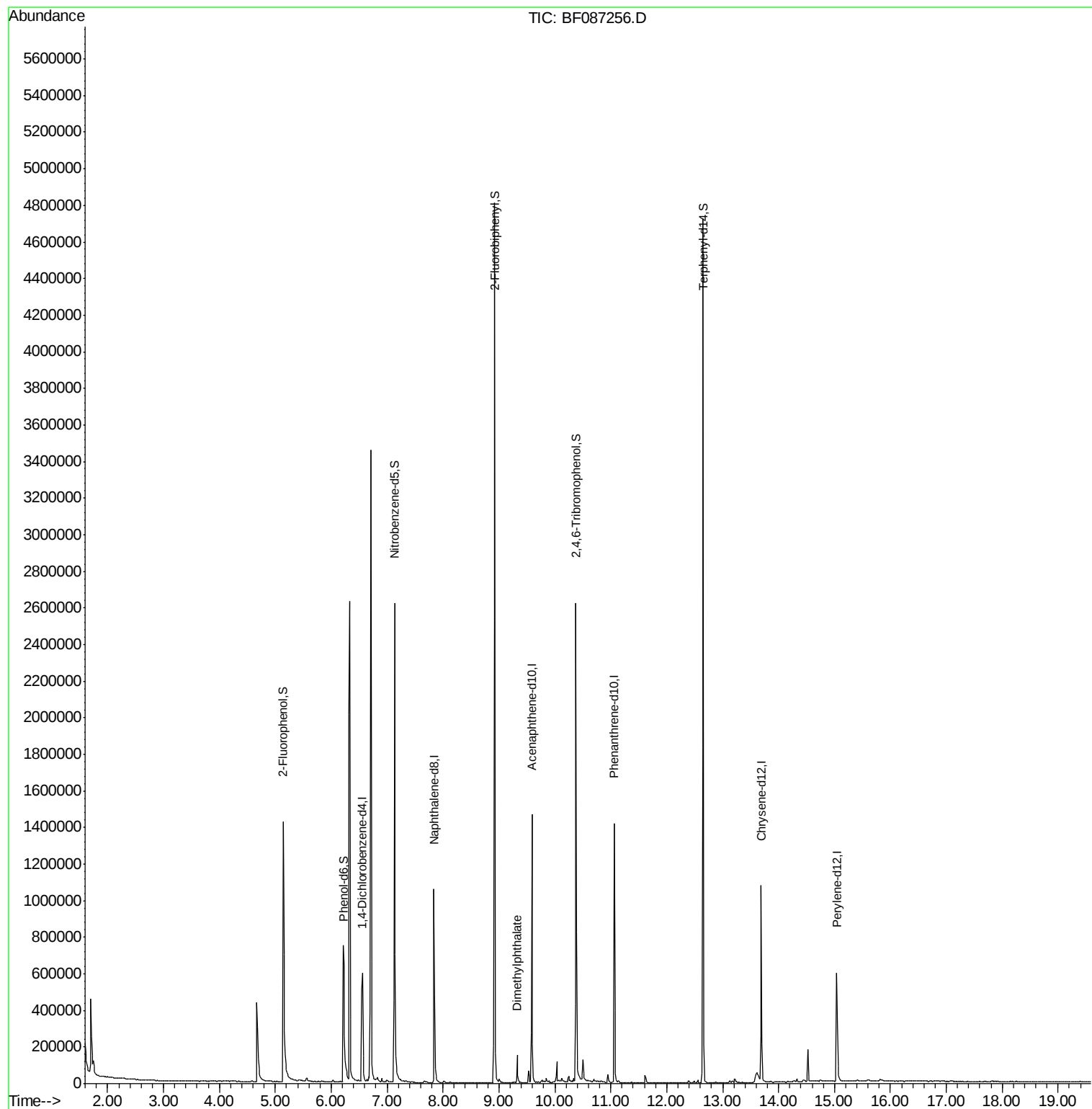
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	125919	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	544215	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	276119	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	501850	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	373843	20.00	ng	-0.01
86) Perylene-d12	15.04	264	272864	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	505865	67.53	ng	0.01
7) Phenol-d6	6.23	99	420182	41.82	ng	0.00
23) Nitrobenzene-d5	7.13	82	894063	81.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	308683	101.17	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1676017	100.53	ng	0.00
78) Terphenyl-d14	12.65	244	1460118	88.35	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.32	163	59291	2.81	ng	Qvalue 99

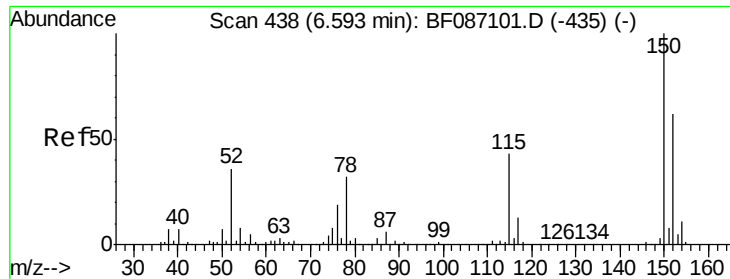
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
Data File : BF087256.D
Acq On : 21 May 2016 7:12
Operator : UM/SJ
Sample : H3167-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAV-RMW-3

Quant Time: May 23 01:11:50 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 01:04:42 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: BF087256.D

Acq: 21 May 2016 7:12

Instrument :

BNA_F

ClientSampleId :

RAV-RMW-3

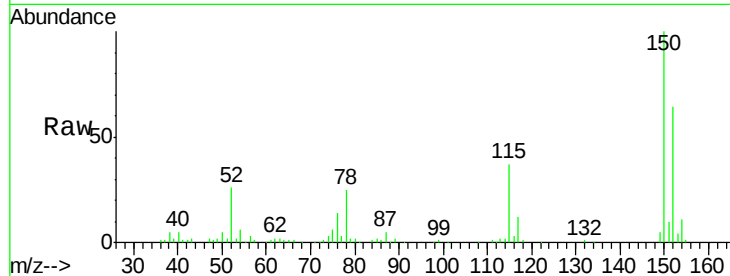
Tot Ion:152 Resp: 125919

Ion Ratio Lower Upper

152 100

150 156.1 125.8 188.6

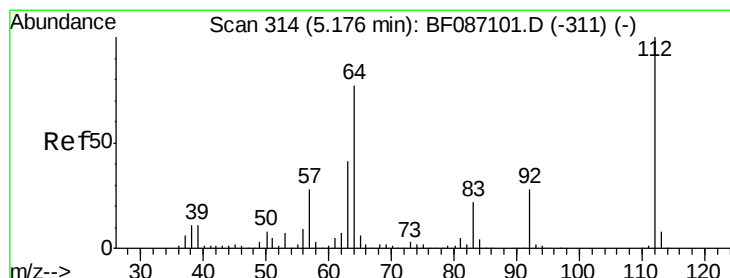
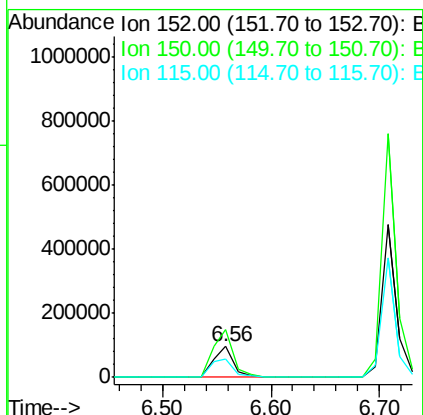
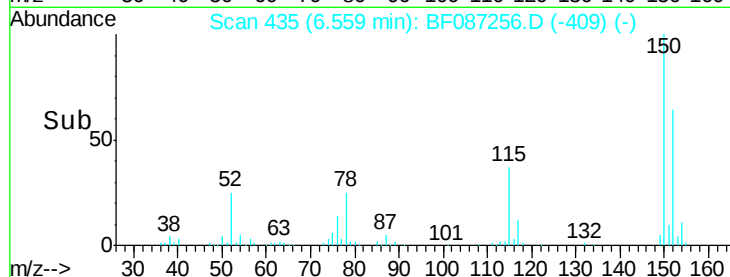
115 58.5 51.5 77.3



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: 67.53 ng

RT: 5.14 min Scan# 311

Delta R.T. 0.01 min

Lab File: BF087256.D

Acq: 21 May 2016 7:12

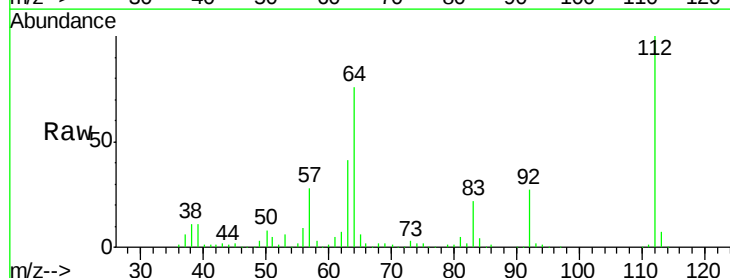
Tgt Ion:112 Resp: 505865

Ion Ratio Lower Upper

112 100

64 75.7 52.1 78.1

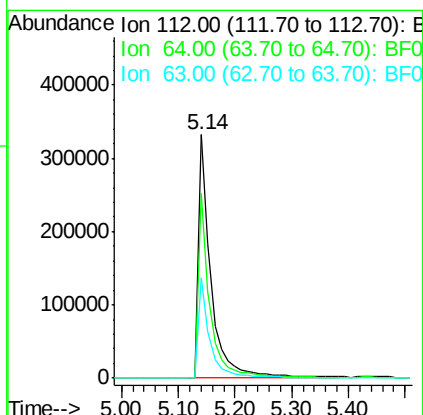
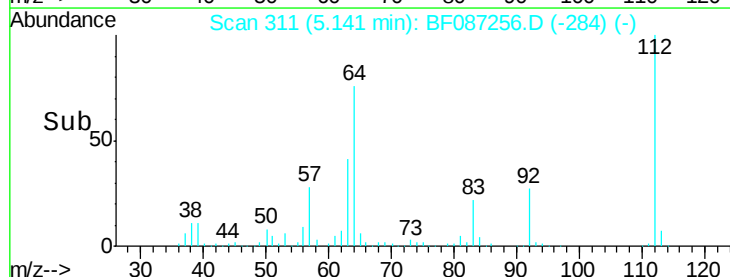
63 40.9 25.7 38.5#



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: 41.82 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF087256.D

Acq: 21 May 2016 7:12

Instrument :

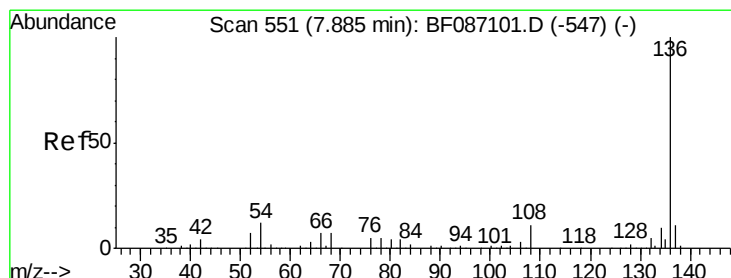
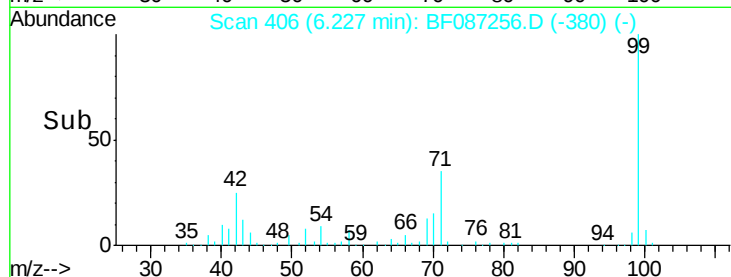
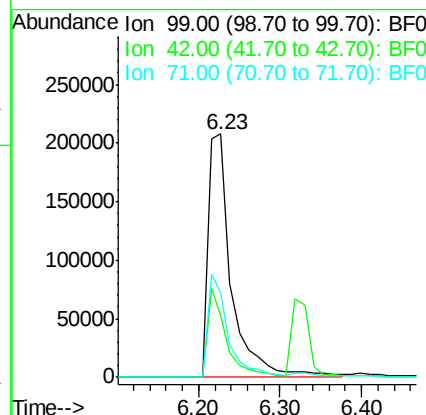
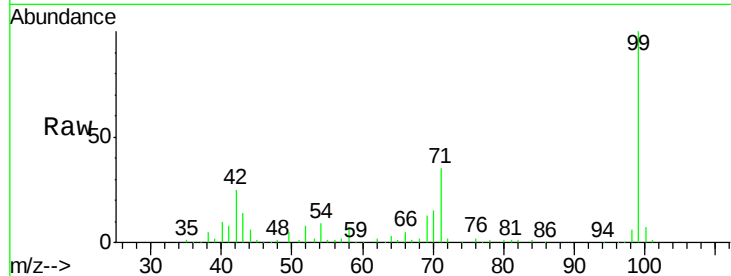
BNA_F

ClientSampleId :

RAV-RMW-3

Tot Ion: 99 Resp: 420182

Ion	Ratio	Lower	Upper
99	100		
42	25.4	13.6	20.4#
71	34.9	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

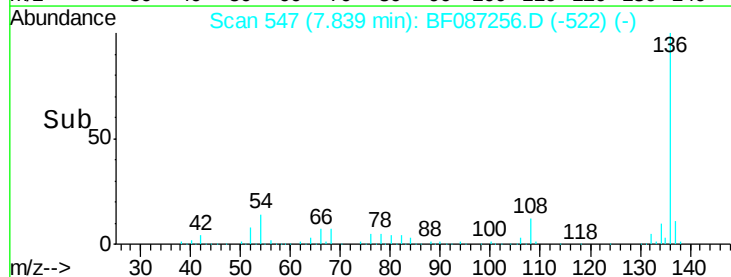
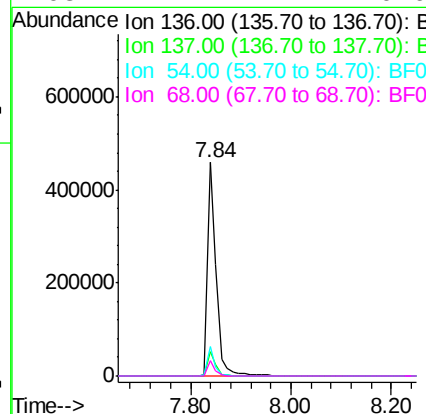
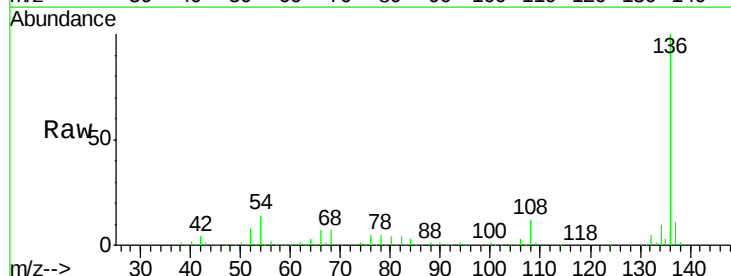
Delta R.T. -0.01 min

Lab File: BF087256.D

Acq: 21 May 2016 7:12

Tgt Ion: 136 Resp: 544215

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	13.8	5.0	7.4#
68	7.1	4.4	6.6#

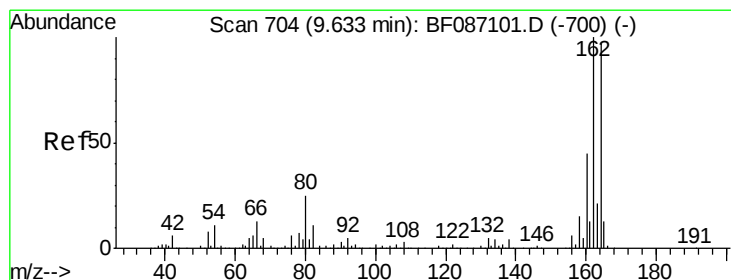
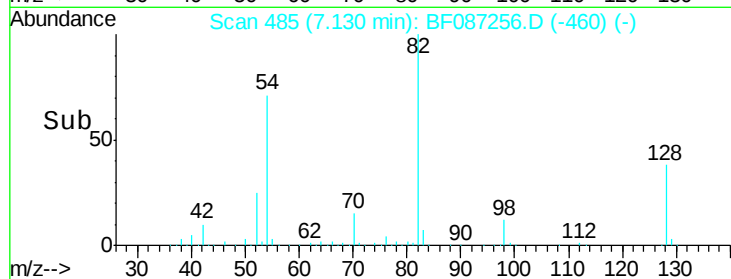
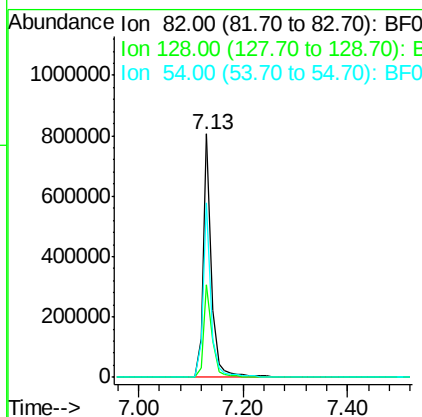
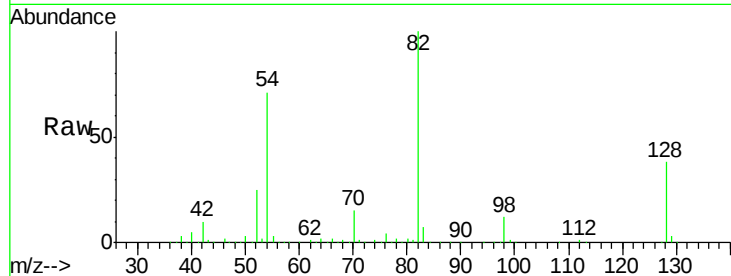




#23
 Nitrobenzene-d5
 Concen: 81.88 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF087256.D
 Acq: 21 May 2016 7:12

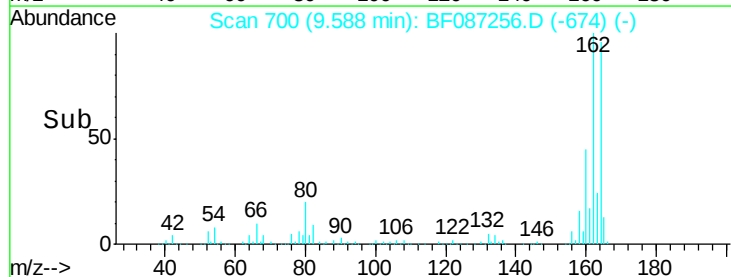
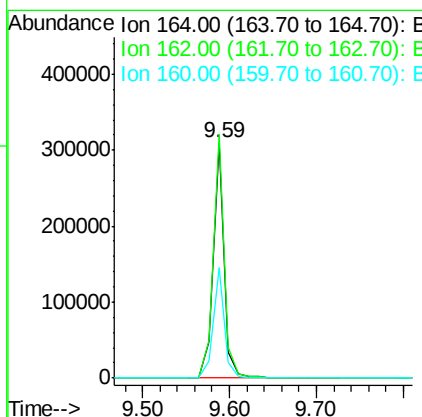
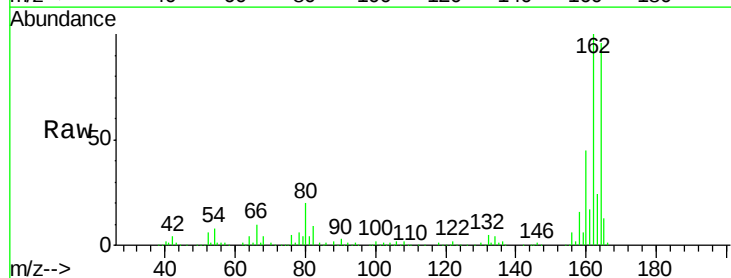
Instrument :
 BNA_F
 ClientSampleId :
 RAV-RMW-3

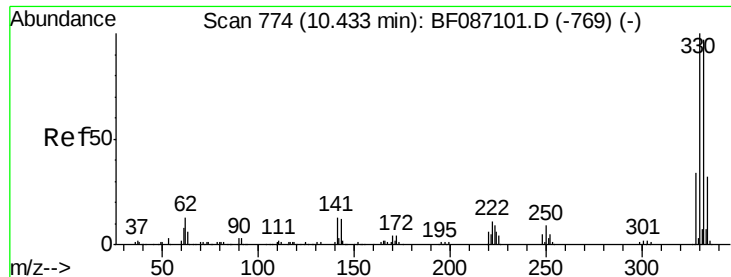
Tot Ion: 82 Resp: 894063
 Ion Ratio Lower Upper
 82 100
 128 38.0 40.6 61.0#
 54 71.5 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF087256.D
 Acq: 21 May 2016 7:12

Tgt Ion:164 Resp: 276119
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.8 124.2
 160 46.8 36.9 55.3

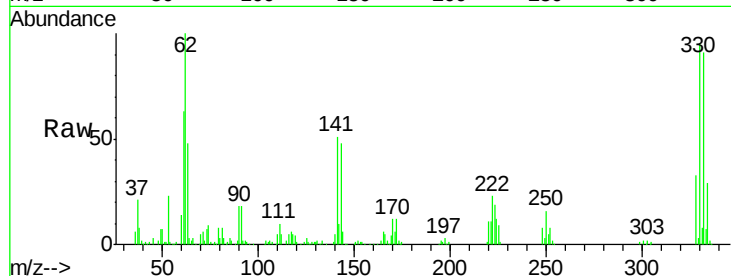




#41
 2,4,6-Tribromophenol
 Concen: 101.17 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF087256.D
 Acq: 21 May 2016 7:12

Instrument :
 BNA_F
 ClientSampleId :
 RAV-RMW-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.0	118.4
141	40.1	31.2	46.8

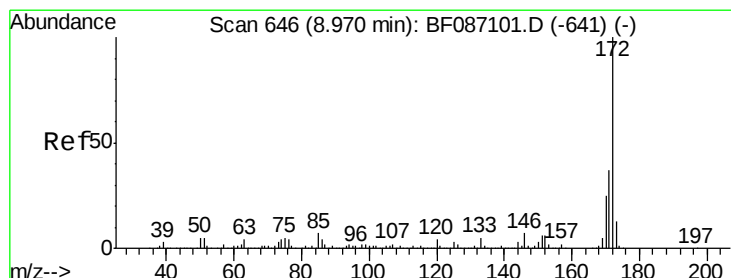
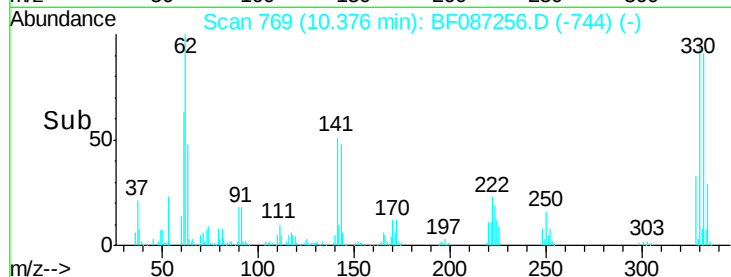
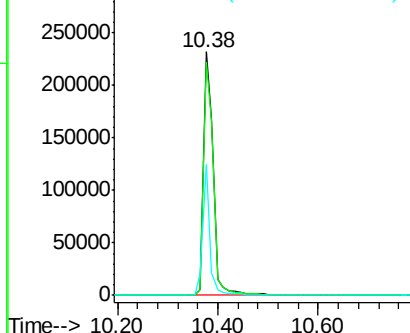


Abundance

Ion 329.80 (329.50 to 330.50): E

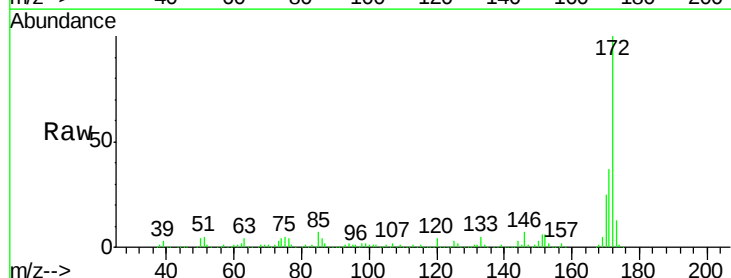
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 100.53 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF087256.D
 Acq: 21 May 2016 7:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.0	43.6
170	24.8	19.8	29.8

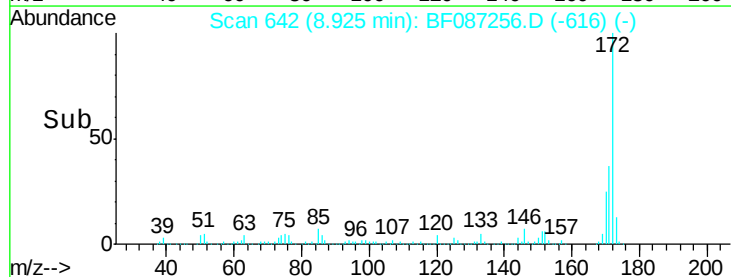
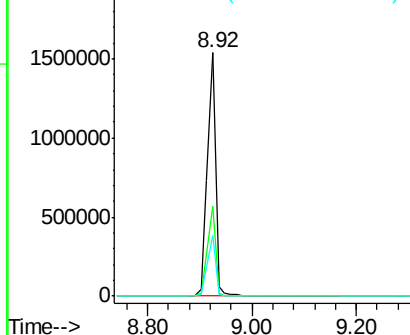


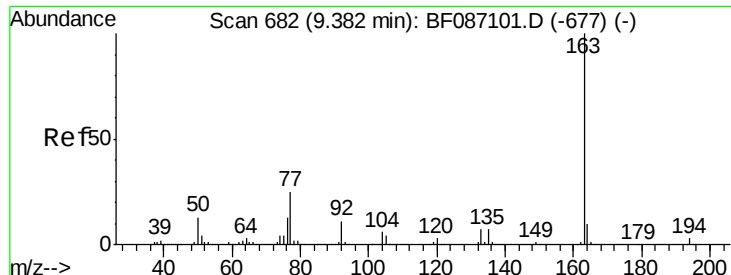
Abundance

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

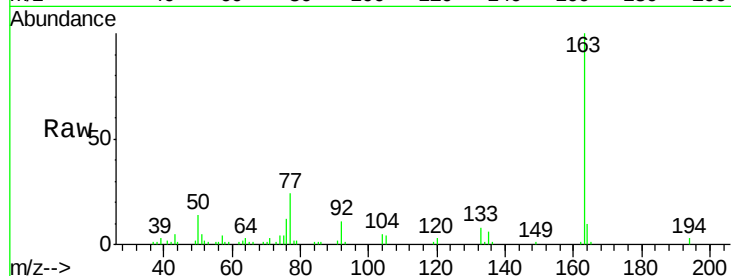




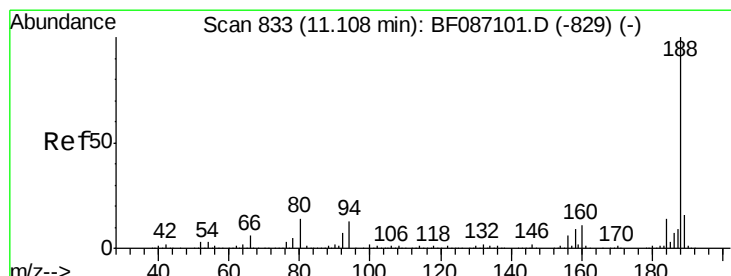
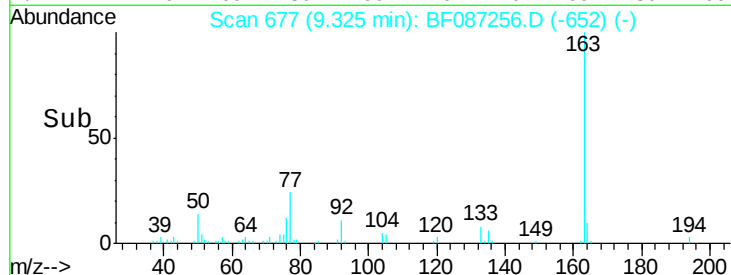
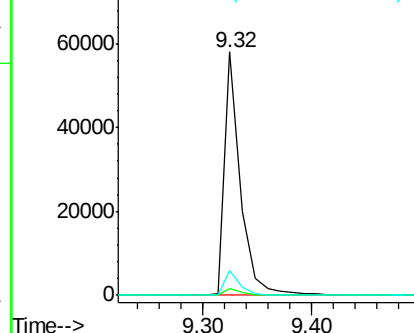
#49
Dimethylphthalate
Concen: 2.81 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF087256.D
Acq: 21 May 2016 7:12

Instrument :
BNA_F
ClientSampleId :
RAV-RMW-3

Tot Ion:163 Resp: 59291
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 10.1 8.2 12.4

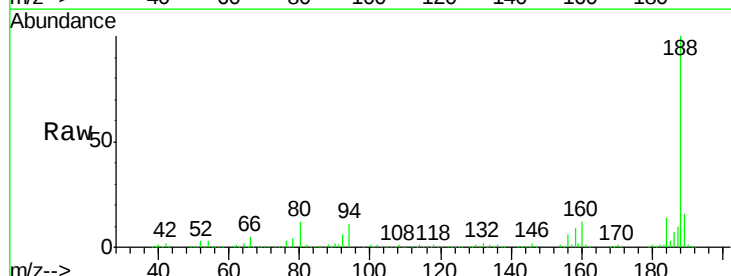


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

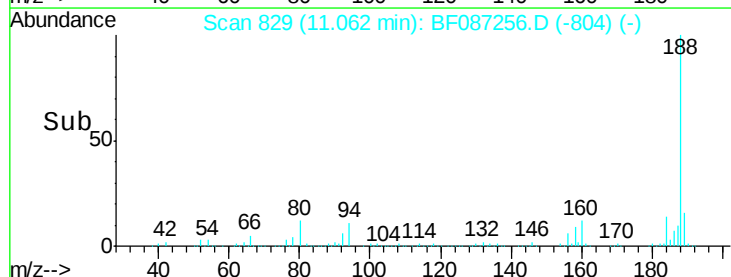
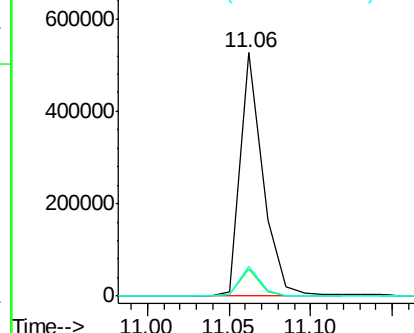


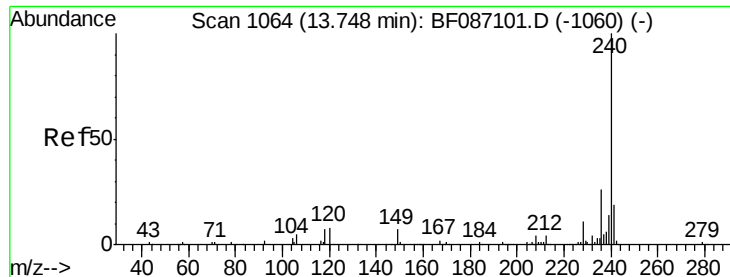
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087256.D
Acq: 21 May 2016 7:12

Tgt Ion:188 Resp: 501850
Ion Ratio Lower Upper
188 100
94 11.3 6.8 10.2#
80 12.5 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: BF087256.D

Acq: 21 May 2016 7:12

Instrument :

BNA_F

ClientSampleId :

RAV-RMW-3

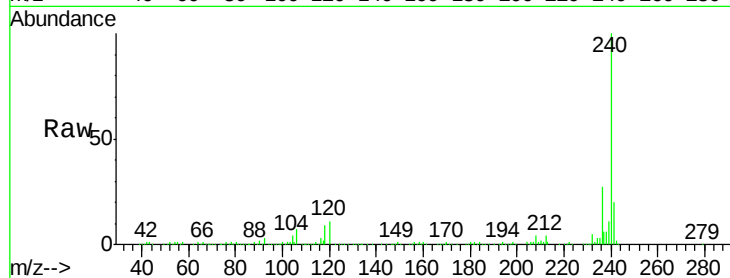
Tot Ion:240 Resp: 373843

Ion Ratio Lower Upper

240 100

120 10.6 11.2 16.8#

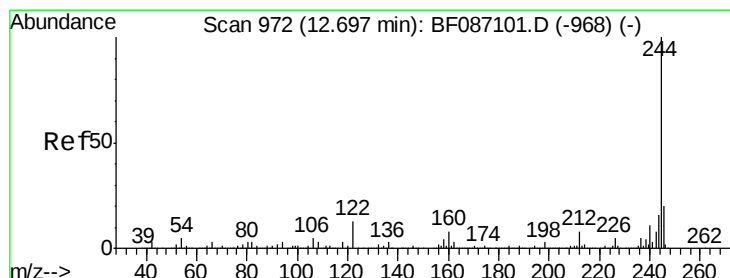
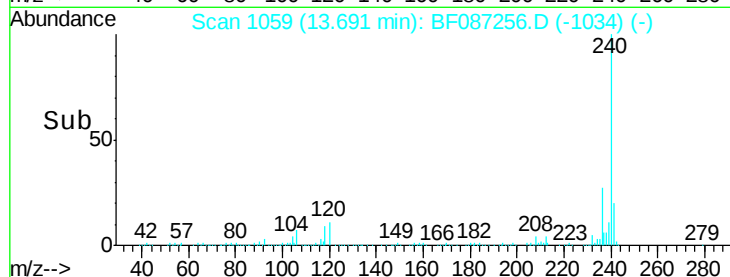
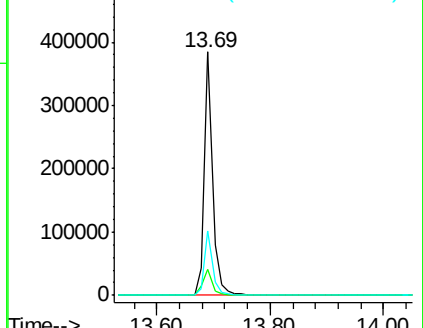
236 26.6 21.2 31.8



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: 88.35 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF087256.D

Acq: 21 May 2016 7:12

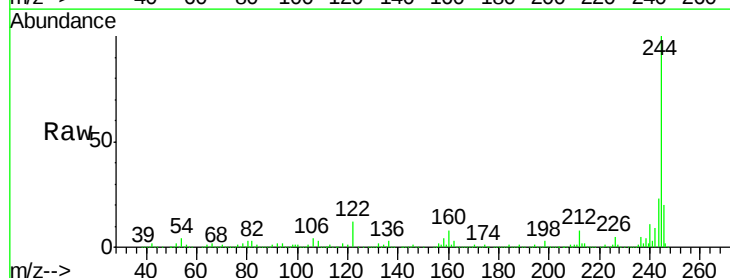
Tgt Ion:244 Resp: 1460118

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

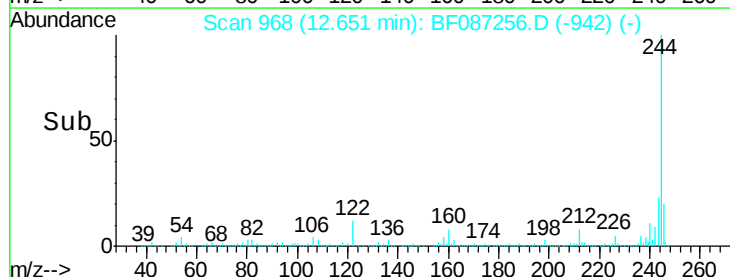
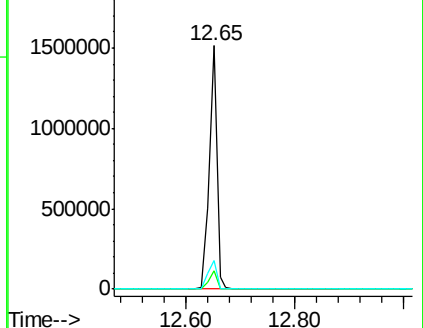
122 11.7 12.0 18.0#

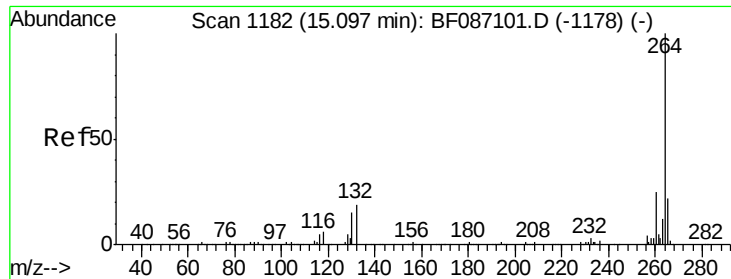


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

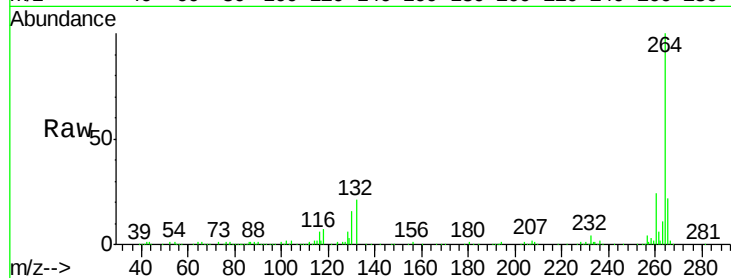




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF087256.D
Acq: 21 May 2016 7:12

Instrument :
BNA_F
ClientSampleId :
RAV-RMW-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	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

