

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
 Data File : BF087180.D
 Acq On : 19 May 2016 9:38
 Operator : UM/SJ
 Sample : H3120-10
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-102

Quant Time: May 19 12:58:10 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

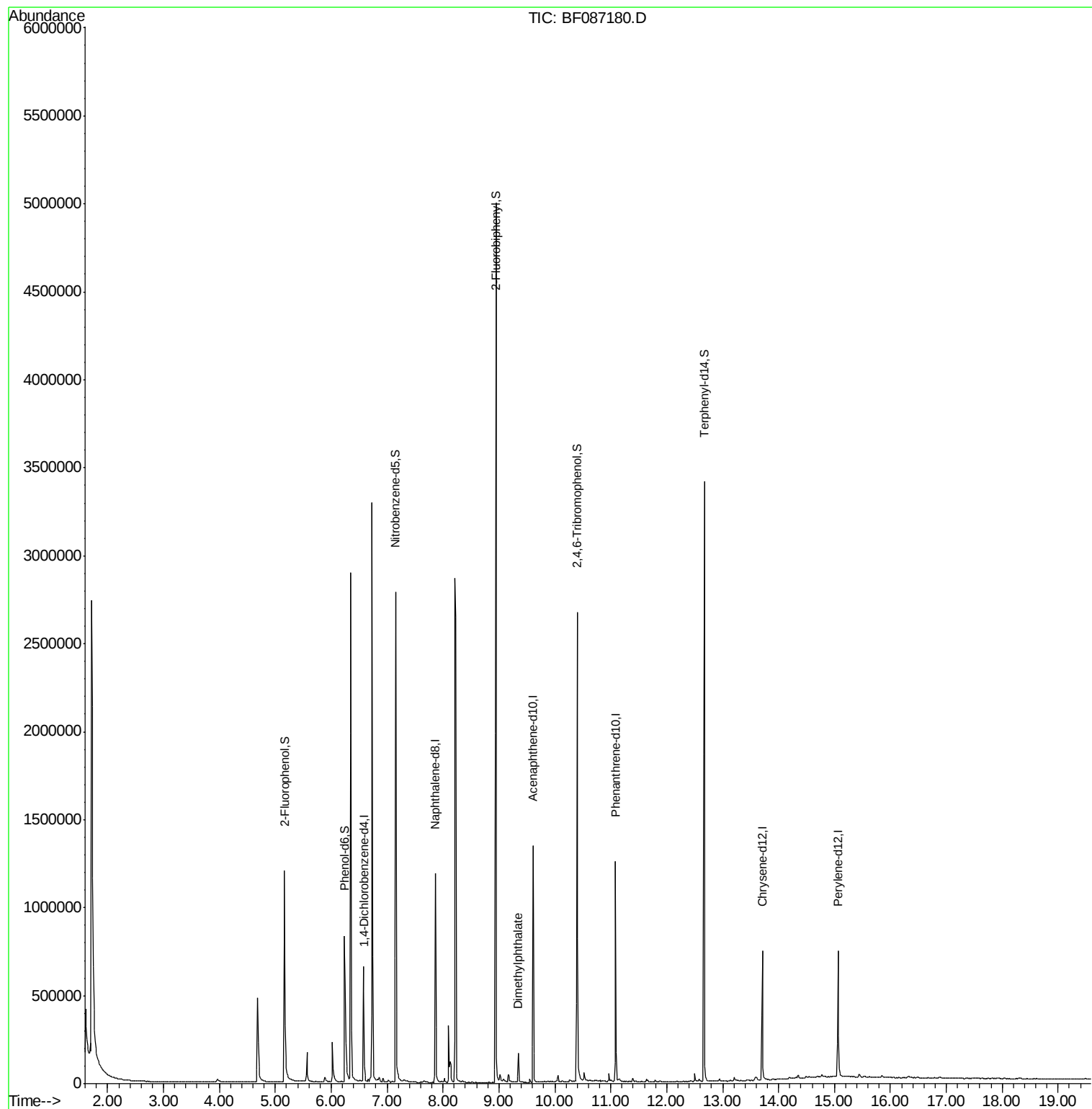
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	126737	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	511282	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	240300	20.00	ng	-0.03
63) Phenanthrene-d10	11.09	188	403071	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	288864	20.00	ng	-0.05
86) Perylene-d12	15.06	264	294768	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	465457	61.73	ng	-0.03
7) Phenol-d6	6.24	99	378460	37.42	ng	-0.05
23) Nitrobenzene-d5	7.15	82	887471	86.51	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	330144	124.33	ng	-0.05
44) 2-Fluorobiphenyl	8.95	172	1537812	105.99	ng	-0.03
78) Terphenyl-d14	12.67	244	1186901	92.95	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.35	163	62896	3.43	ng	Qvalue 100

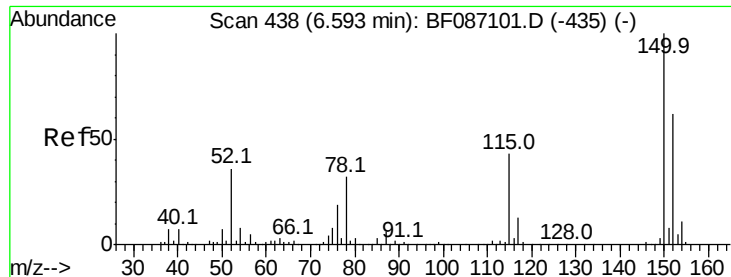
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF087180.D

Acq: 19 May 2016 9:38

Instrument :

BNA_F

ClientSampleId :

RAV-GT-102

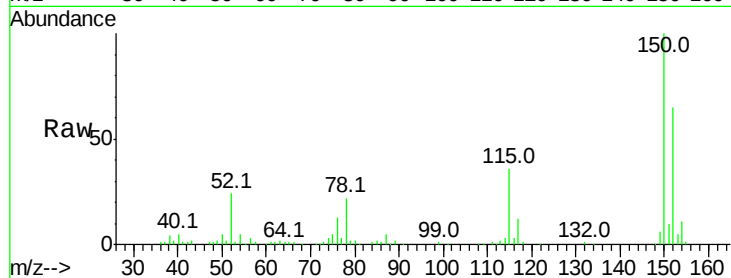
Tot Ion:152 Resp: 126737

Ion Ratio Lower Upper

152 100

150 154.0 125.8 188.6

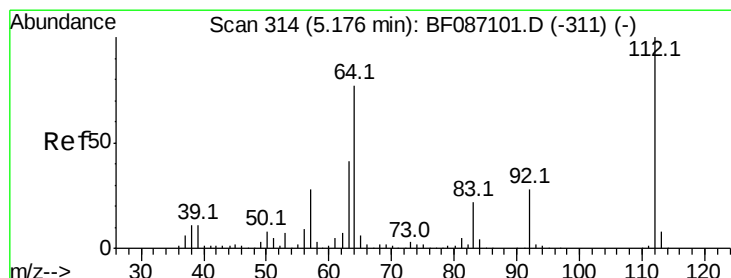
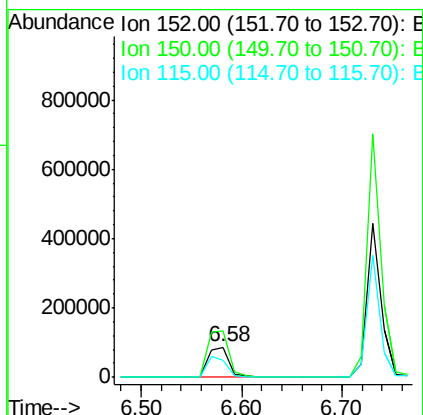
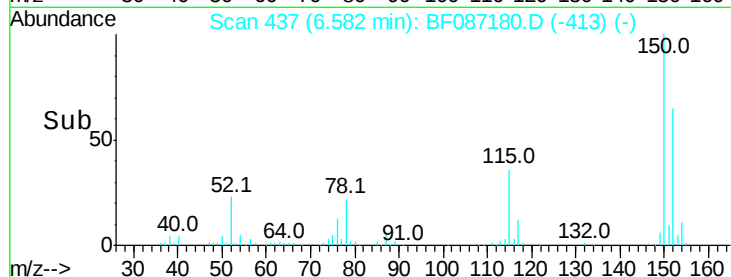
115 55.9 51.5 77.3



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: 61.73 ng

RT: 5.16 min Scan# 313

Delta R.T. -0.03 min

Lab File: BF087180.D

Acq: 19 May 2016 9:38

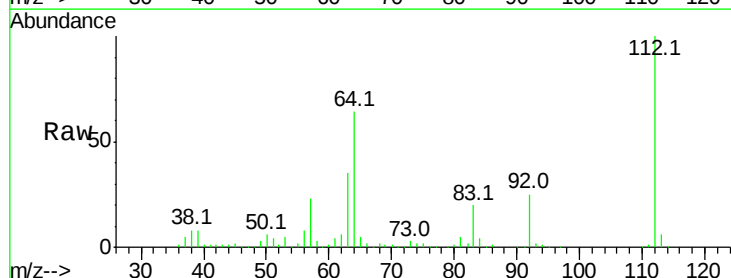
Tgt Ion:112 Resp: 465457

Ion Ratio Lower Upper

112 100

64 63.6 52.1 78.1

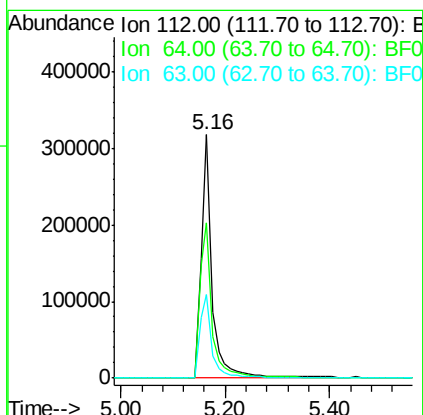
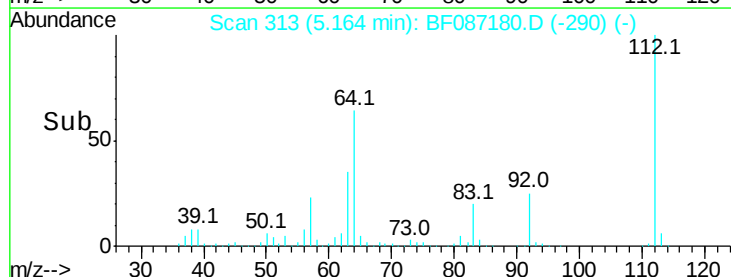
63 34.5 25.7 38.5

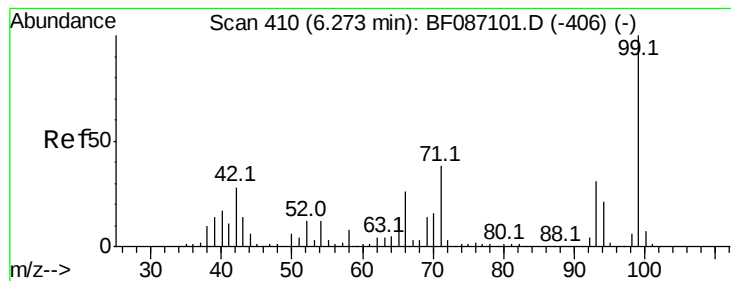


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.42 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF087180.D

Acq: 19 May 2016 9:38

Instrument :

BNA_F

ClientSampleId :

RAV-GT-102

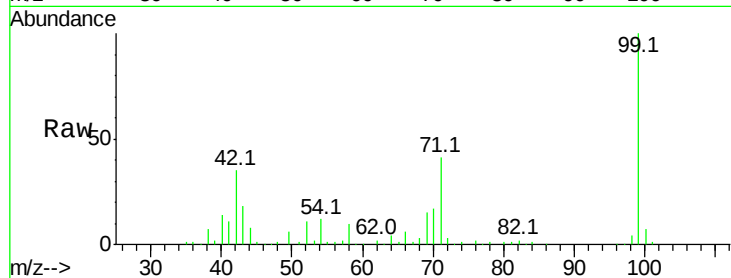
Tot Ion: 99 Resp: 378460

Ion Ratio Lower Upper

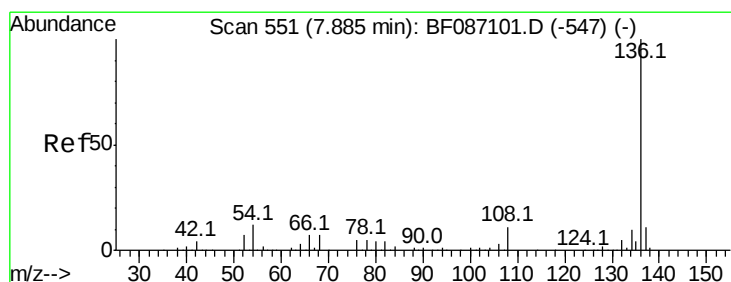
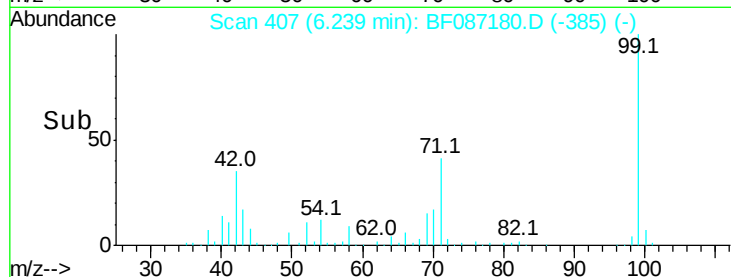
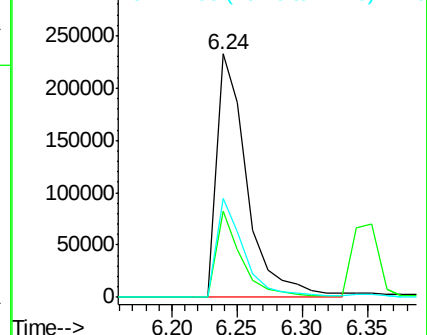
99 100

42 35.2 13.6 20.4#

71 40.9 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: 7.86 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF087180.D

Acq: 19 May 2016 9:38

Tgt Ion: 136 Resp: 511282

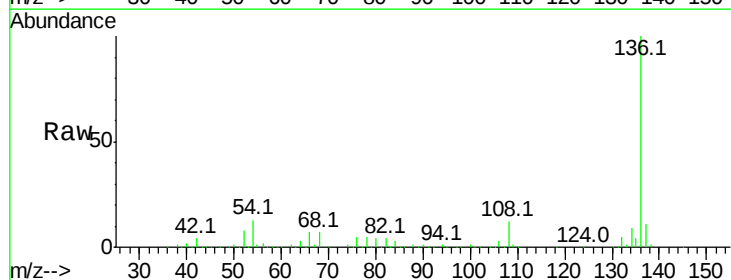
Ion Ratio Lower Upper

136 100

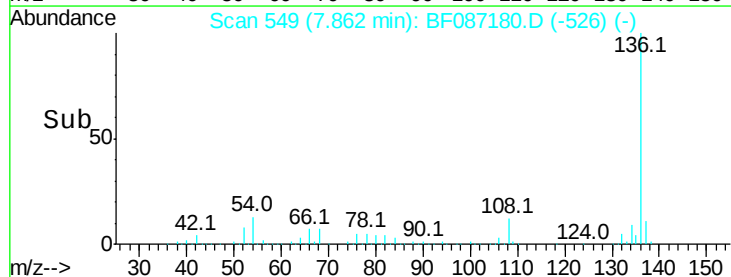
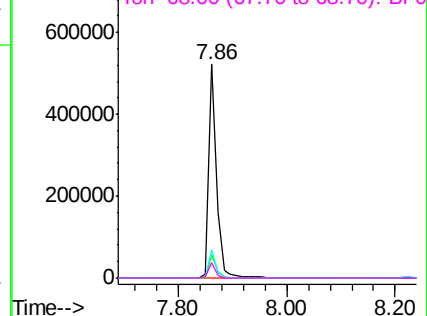
137 10.9 8.8 13.2

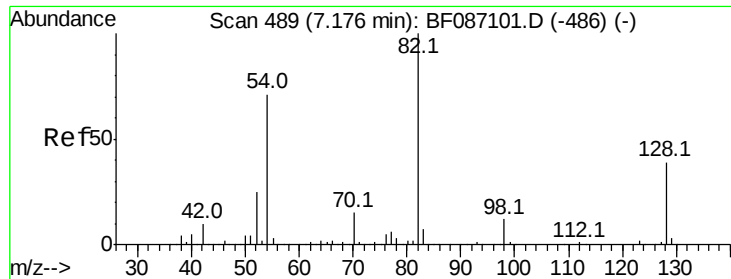
54 13.3 5.0 7.4#

68 7.0 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

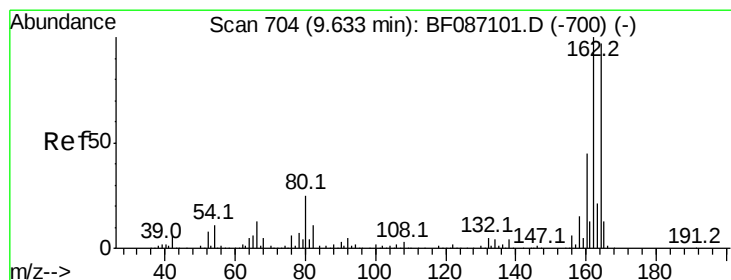
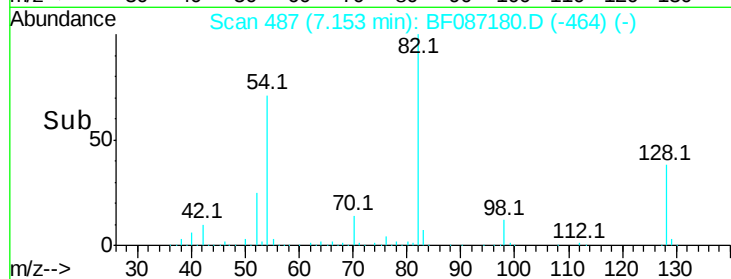
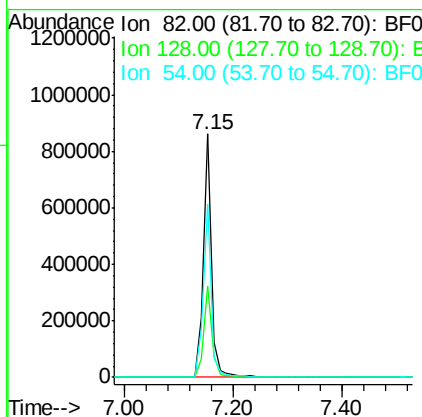
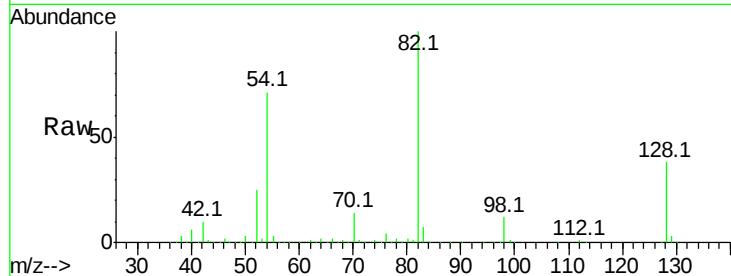




#23
 Nitrobenzene-d5
 Concen: 86.51 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.03 min
 Lab File: BF087180.D
 Acq: 19 May 2016 9:38

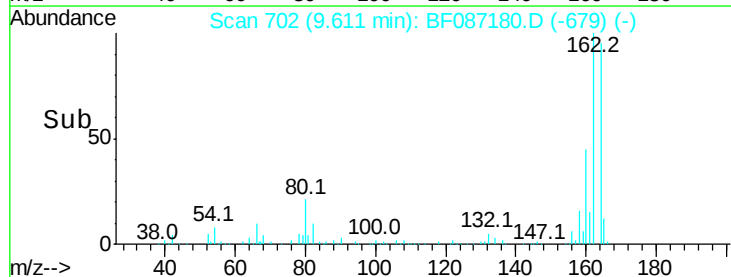
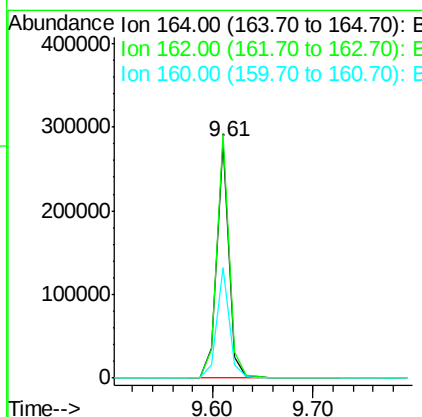
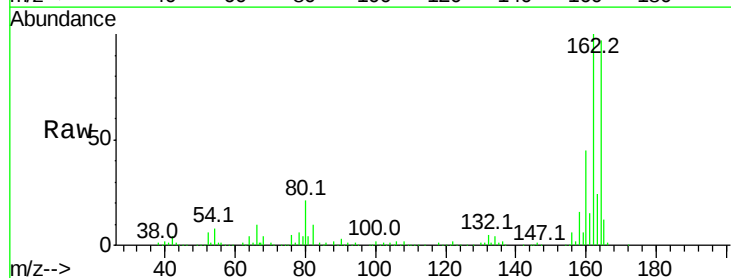
Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-102

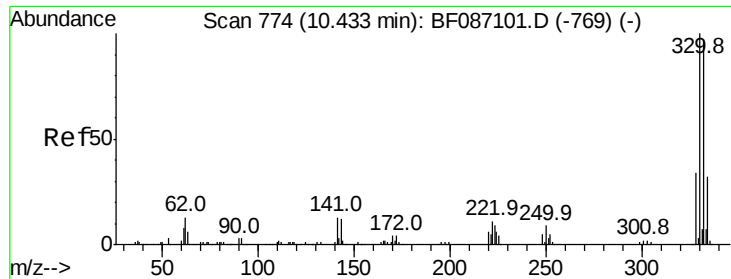
Tot Ion: 82 Resp: 887471
 Ion Ratio Lower Upper
 82 100
 128 37.7 40.6 61.0#
 54 71.2 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.03 min
 Lab File: BF087180.D
 Acq: 19 May 2016 9:38

Tgt Ion: 164 Resp: 240300
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.8 124.2
 160 46.8 36.9 55.3

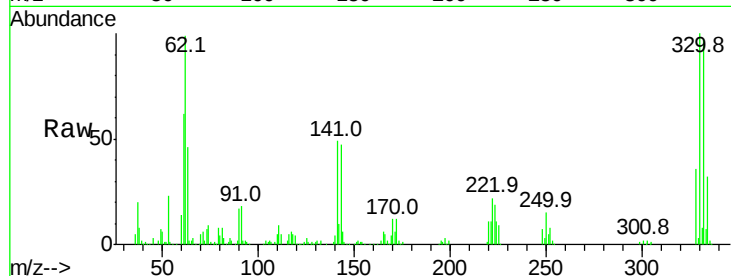




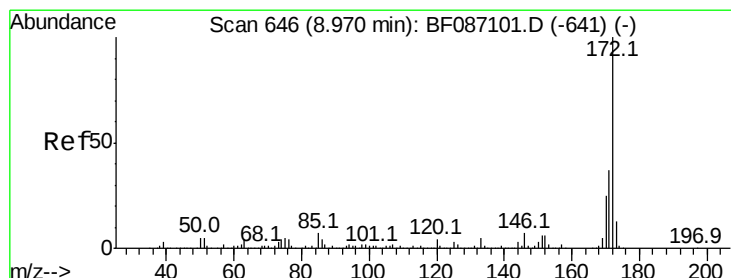
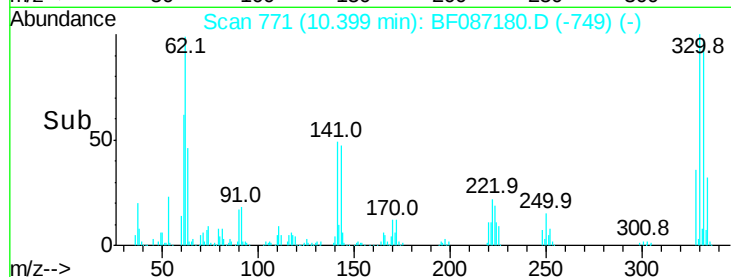
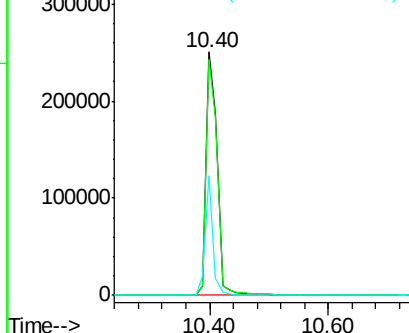
#41
 2,4,6-Tribromophenol
 Concen: 124.33 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.05 min
 Lab File: BF087180.D
 Acq: 19 May 2016 9:38

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-102

Tot Ion:330 Resp: 330144
 Ion Ratio Lower Upper
 330 100
 332 97.6 79.0 118.4
 141 35.4 31.2 46.8

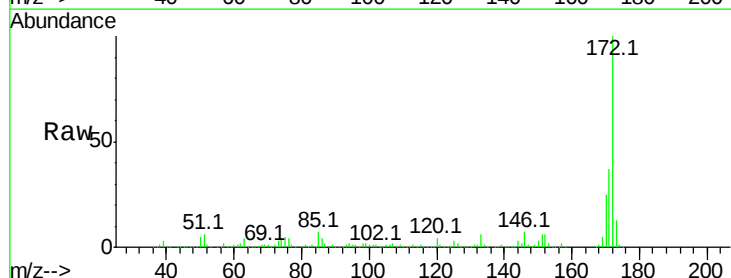


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

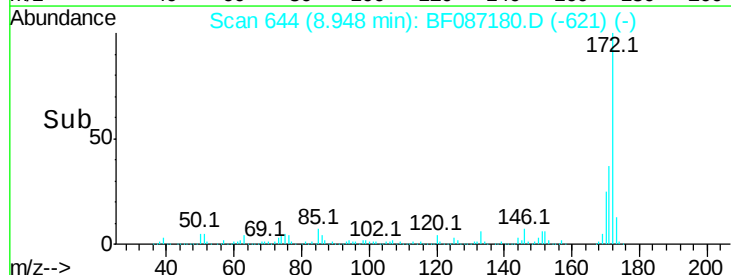
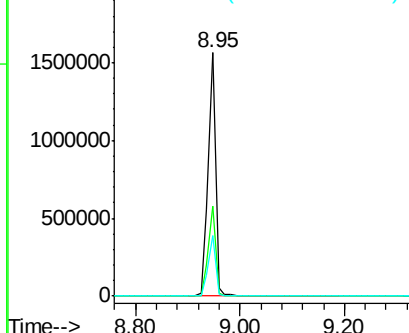


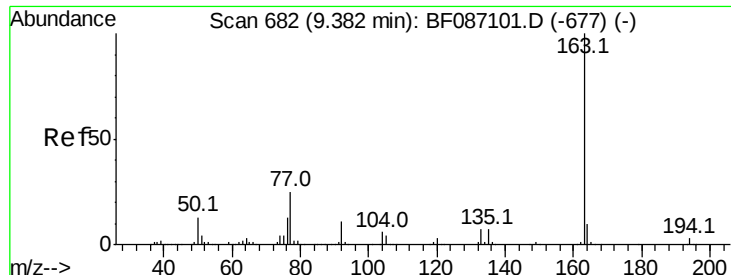
#44
 2-Fluorobiphenyl
 Concen: 105.99 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF087180.D
 Acq: 19 May 2016 9:38

Tgt Ion:172 Resp: 1537812
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.0 43.6
 170 24.9 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

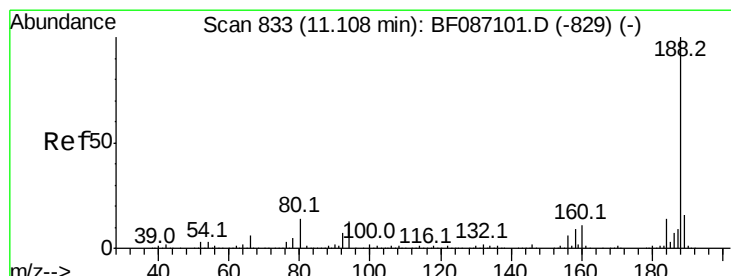
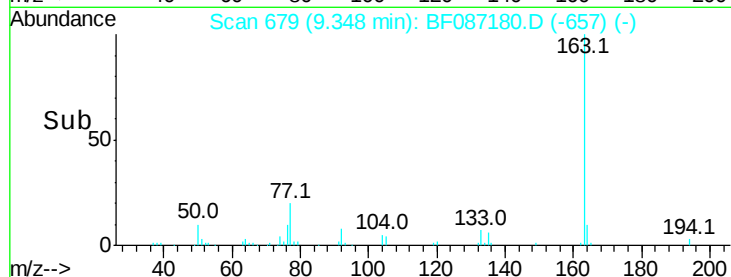
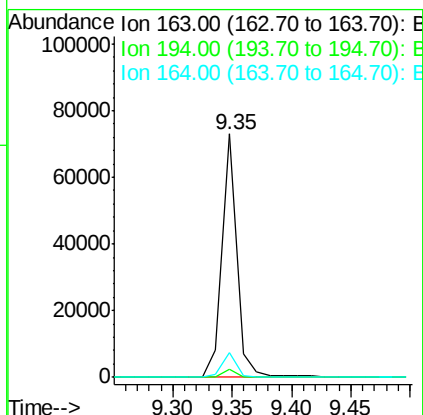
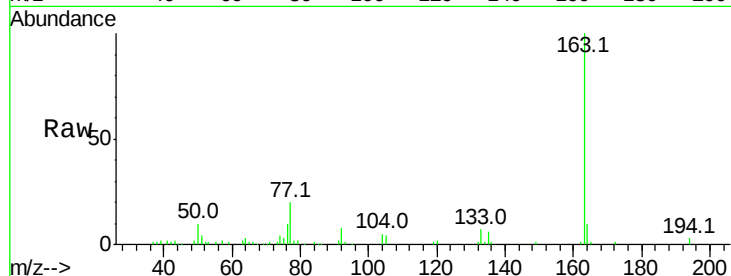




#49
Dimethylphthalate
Concen: 3.43 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF087180.D
Acq: 19 May 2016 9:38

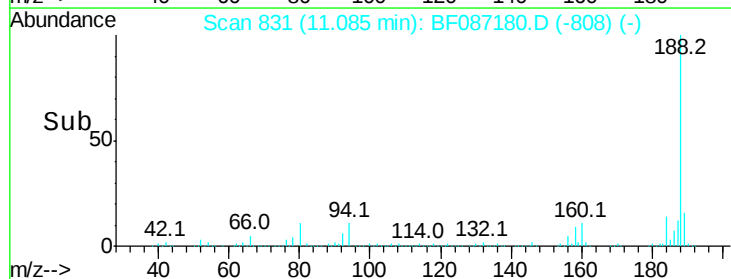
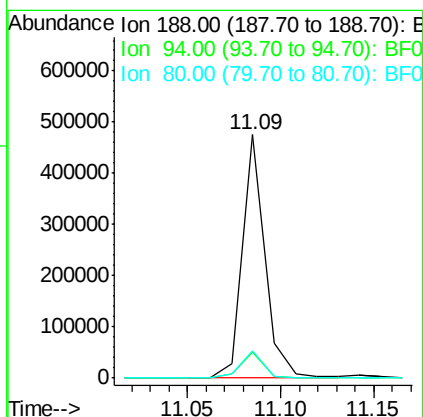
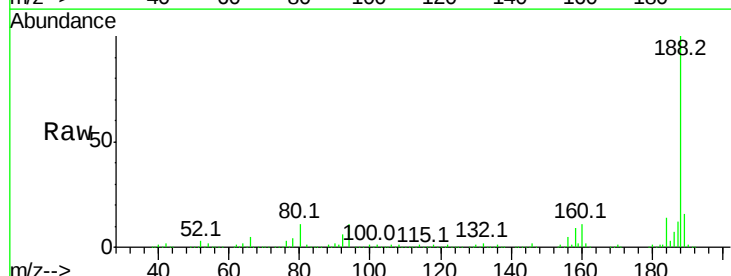
Instrument :
BNA_F
ClientSampleId :
RAV-GT-102

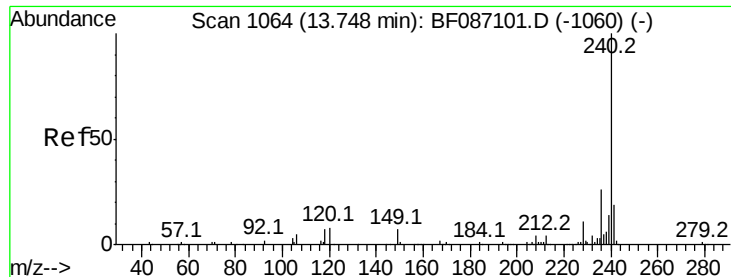
Tot Ion:163 Resp: 62896
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.2 8.2 12.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 831
Delta R.T. -0.03 min
Lab File: BF087180.D
Acq: 19 May 2016 9:38

Tgt Ion:188 Resp: 403071
Ion Ratio Lower Upper
188 100
94 10.5 6.8 10.2#
80 11.2 7.1 10.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.05 min

Lab File: BF087180.D

Acq: 19 May 2016 9:38

Instrument :

BNA_F

ClientSampleId :

RAV-GT-102

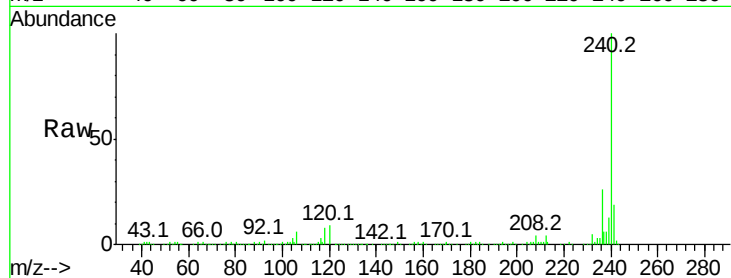
Tot Ion:240 Resp: 288864

Ion Ratio Lower Upper

240 100

120 9.0 11.2 16.8#

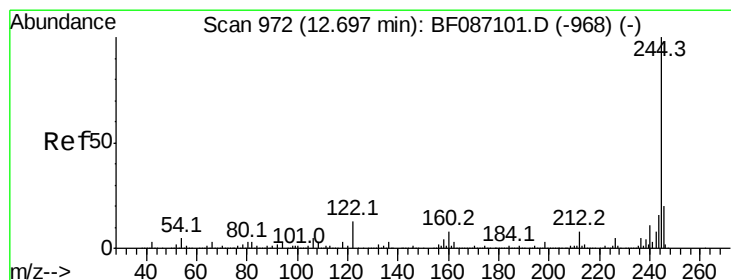
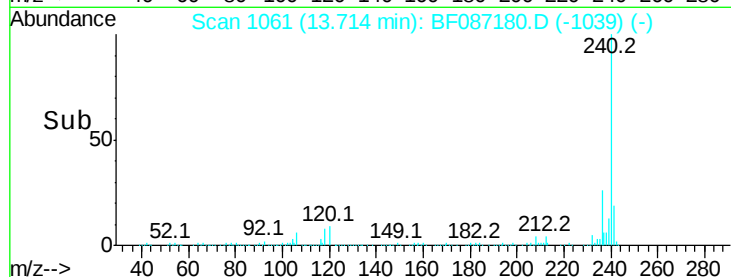
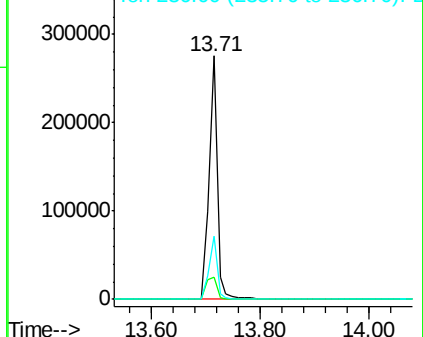
236 26.0 21.2 31.8



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



#78

Terphenyl-d14

Concen: 92.95 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.03 min

Lab File: BF087180.D

Acq: 19 May 2016 9:38

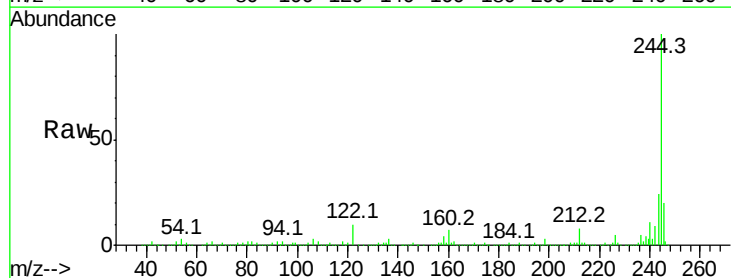
Tgt Ion:244 Resp: 1186901

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

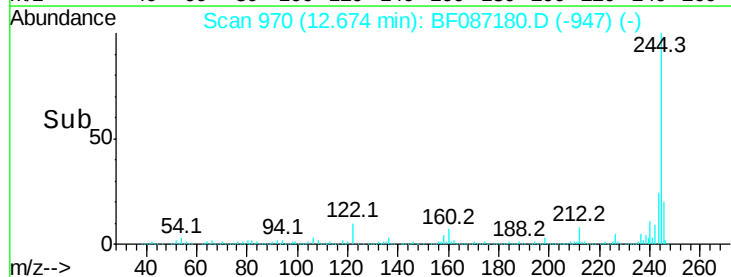
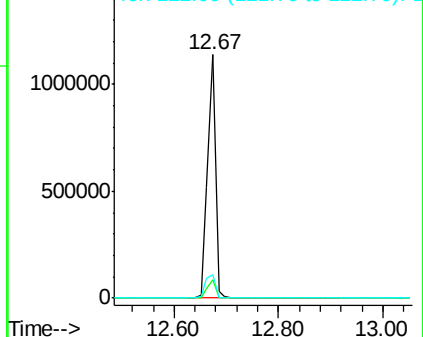
122 9.6 12.0 18.0#

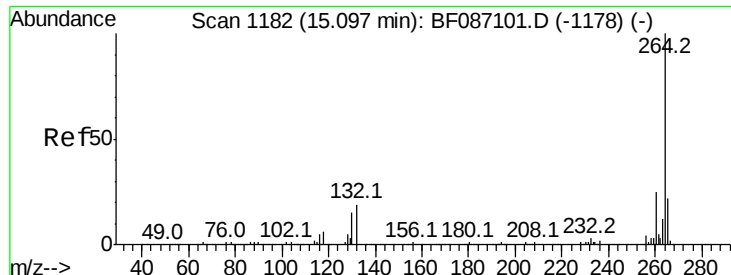


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

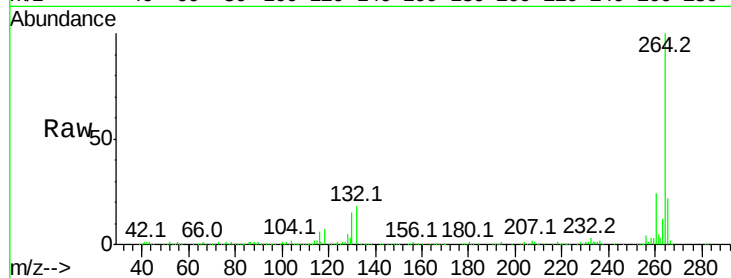




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF087180.D
Acq: 19 May 2016 9:38

Instrument :
BNA_F
ClientSampleId :
RAV-GT-102

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.8	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

