

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
 Data File : BF087216.D
 Acq On : 20 May 2016 7:07
 Operator : UM/SJ
 Sample : H3141-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-105

Quant Time: May 20 08:06:10 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	6.57	152	123840	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	515796	20.00	ng	-0.05
38) Acenaphthene-d10	9.60	164	236327	20.00	ng	-0.05
63) Phenanthrene-d10	11.07	188	371092	20.00	ng	-0.05
75) Chrysene-d12	13.70	240	268863	20.00	ng	-0.06
86) Perylene-d12	15.05	264	245061	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	548896	74.50	ng	-0.04
7) Phenol-d6	6.23	99	492582	49.85	ng	-0.06
23) Nitrobenzene-d5	7.14	82	837024	80.88	ng	-0.05
41) 2,4,6-Tribromophenol	10.40	330	323042	123.70	ng	-0.05
44) 2-Fluorobiphenyl	8.94	172	1476868	103.50	ng	-0.05
78) Terphenyl-d14	12.66	244	926354	77.94	ng	-0.05

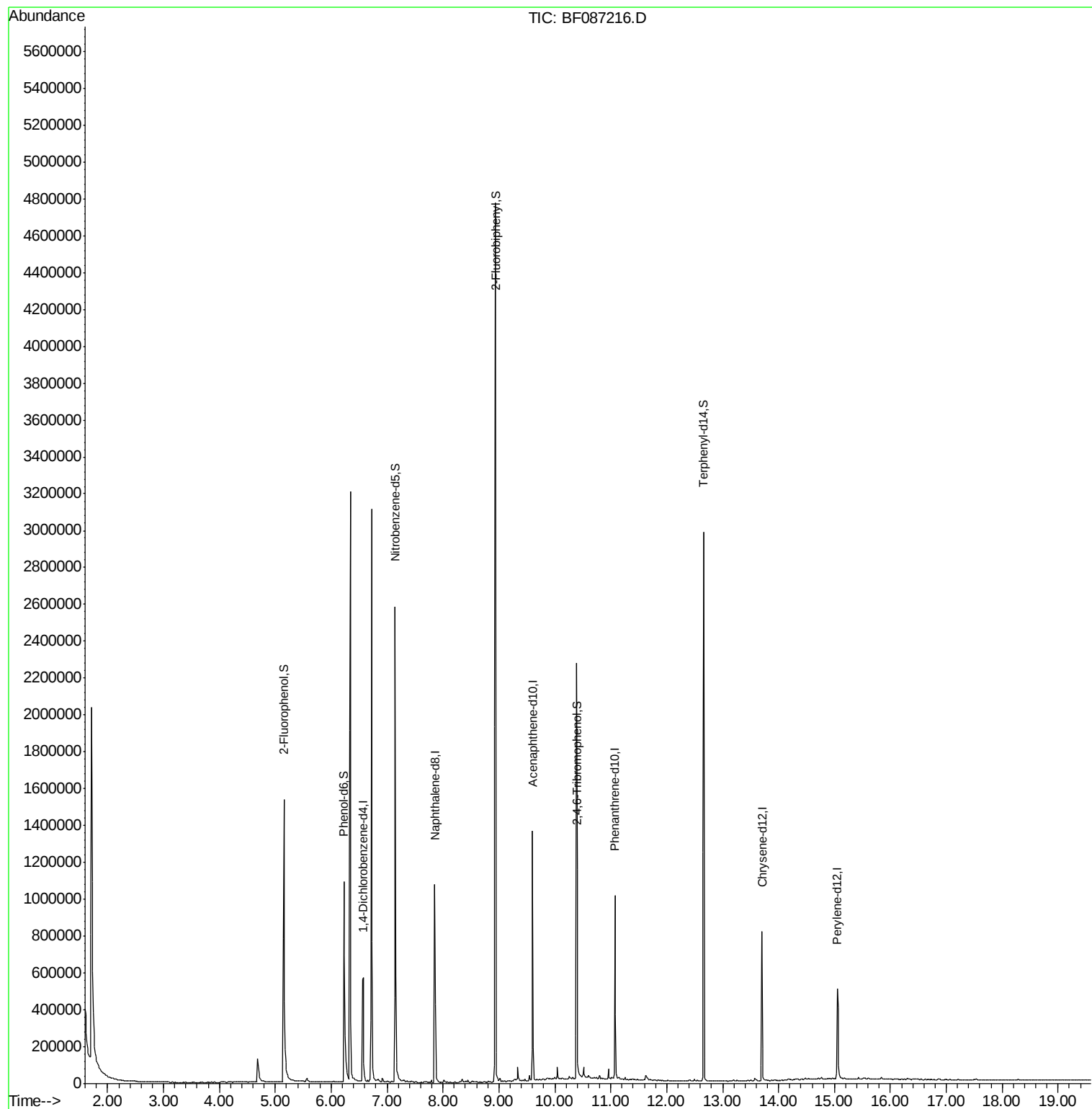
Target Compounds	Qvalue
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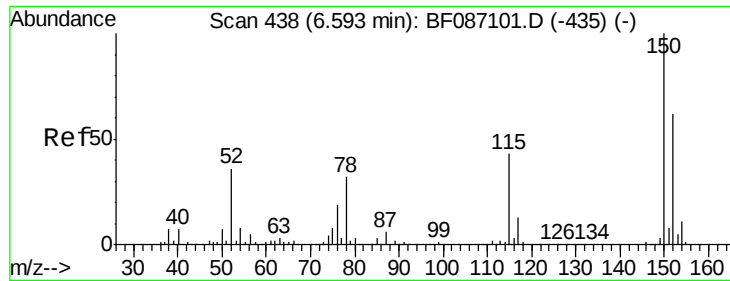
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.03 min

Lab File: BF087216.D

Acq: 20 May 2016 7:07

Instrument :

BNA_F

ClientSampleId :

RAV-GT-105

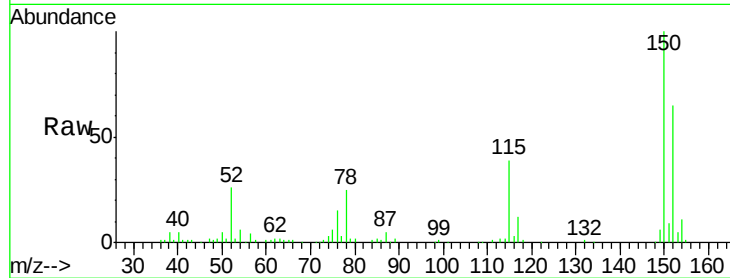
Tgt Ion:152 Resp: 123840

Ion Ratio Lower Upper

152 100

150 154.2 125.8 188.6

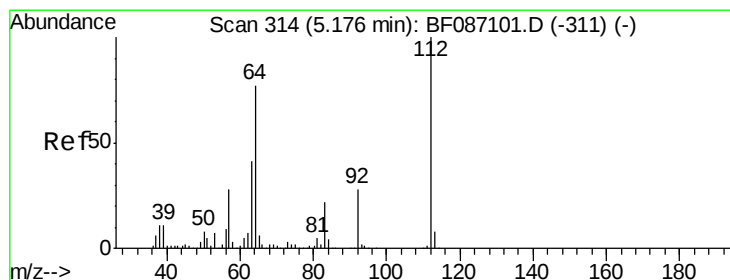
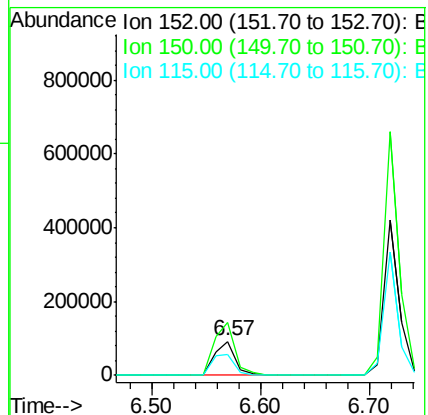
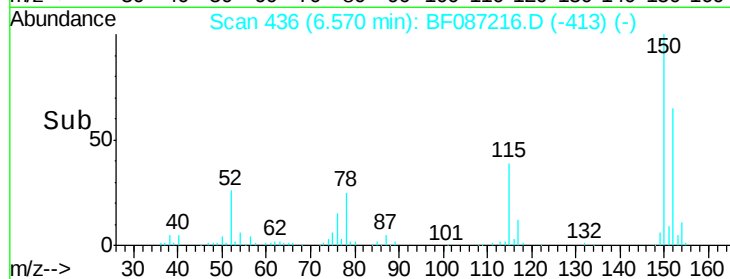
115 59.4 51.5 77.3



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: 74.50 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.04 min

Lab File: BF087216.D

Acq: 20 May 2016 7:07

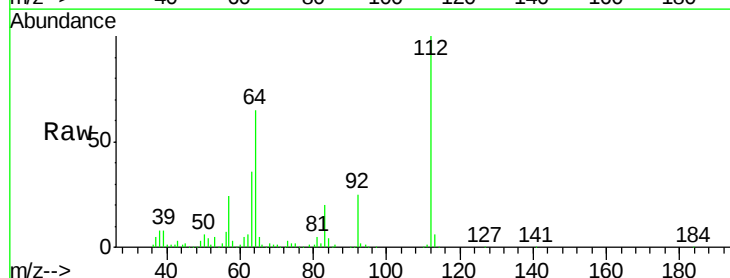
Tgt Ion:112 Resp: 548896

Ion Ratio Lower Upper

112 100

64 65.2 52.1 78.1

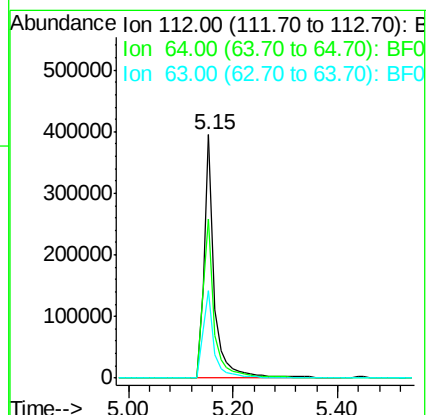
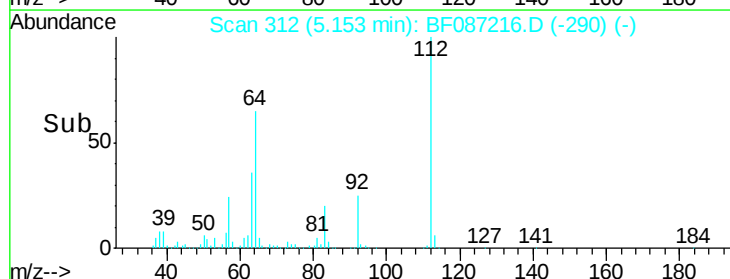
63 35.7 25.7 38.5

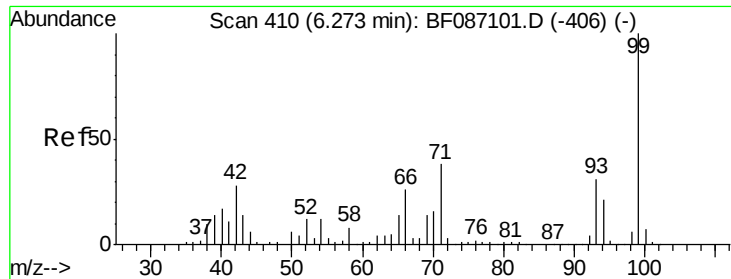


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 49.85 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.06 min

Lab File: BF087216.D

Acq: 20 May 2016 7:07

Instrument :

BNA_F

ClientSampleId :

RAV-GT-105

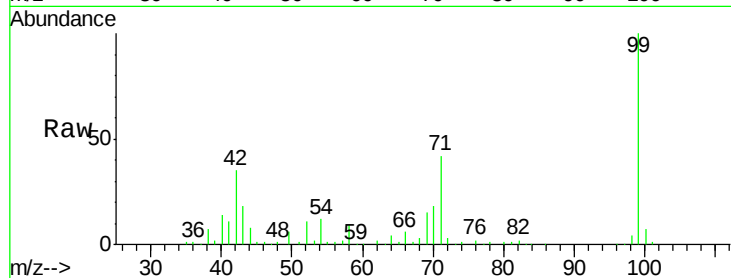
Tgt Ion: 99 Resp: 492582

Ion Ratio Lower Upper

99 100

42 35.0 13.6 20.4#

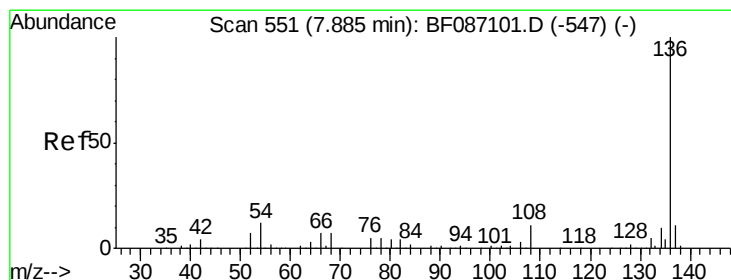
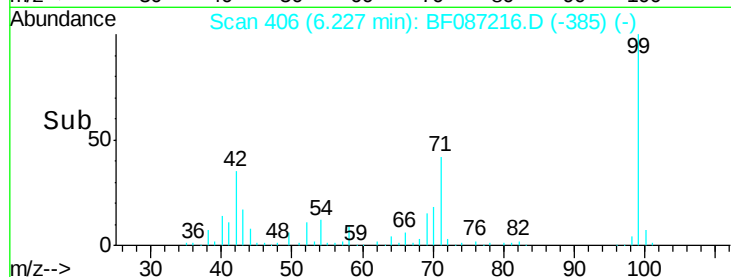
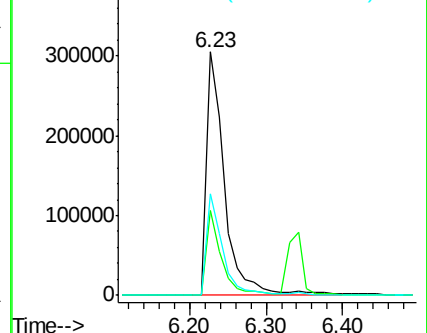
71 41.9 24.6 36.8#



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: 7.85 min Scan# 548

Delta R.T. -0.05 min

Lab File: BF087216.D

Acq: 20 May 2016 7:07

Tgt Ion: 136 Resp: 515796

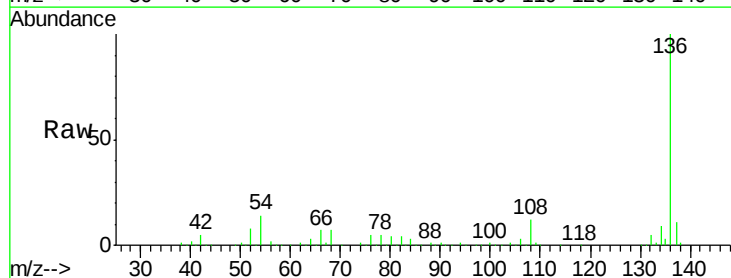
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 14.2 5.0 7.4#

68 7.1 4.4 6.6#

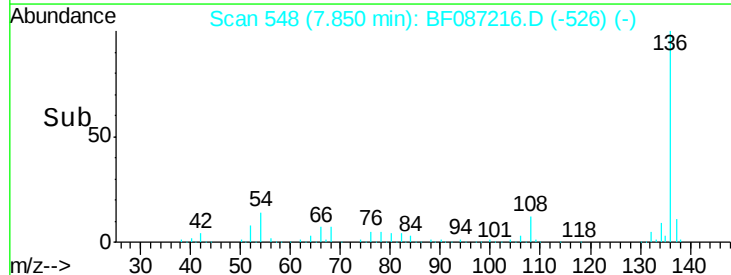
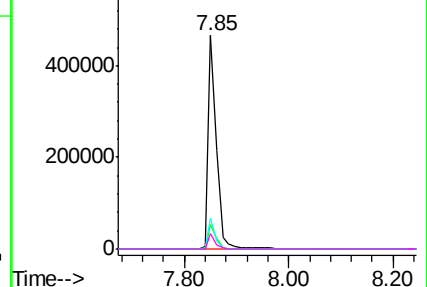


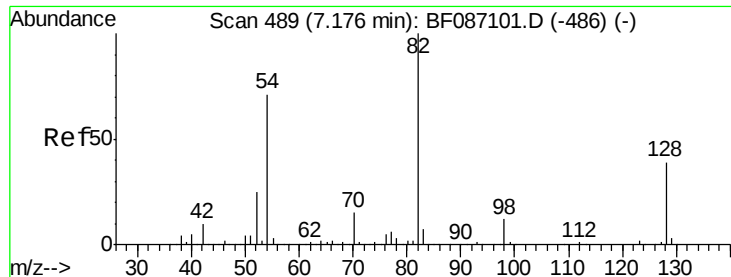
Abundance Ion 136.00 (135.70 to 136.70): E

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

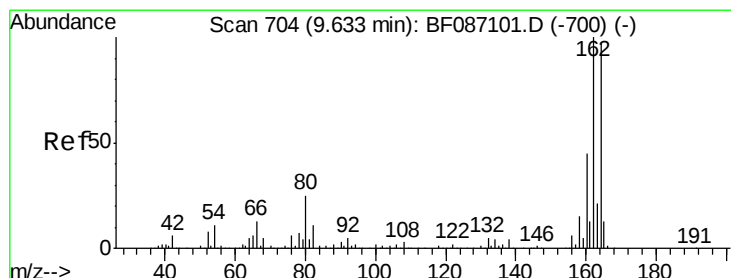
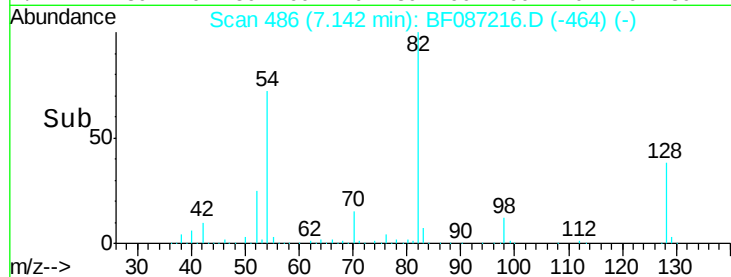
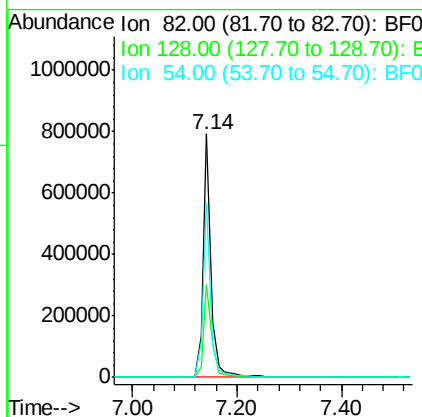
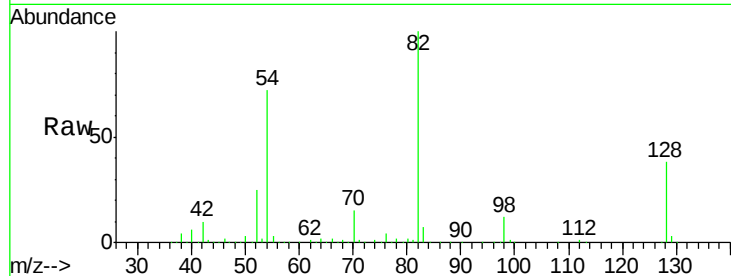




#23
 Nitrobenzene-d5
 Concen: 80.88 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.05 min
 Lab File: BF087216.D
 Acq: 20 May 2016 7:07

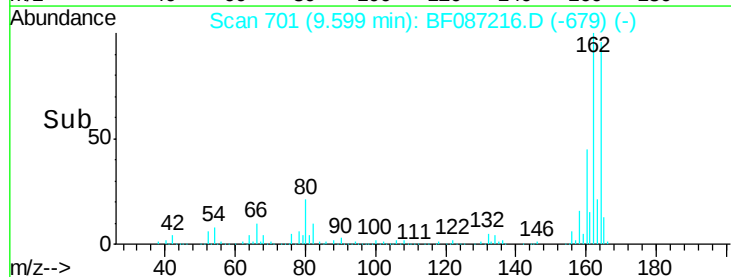
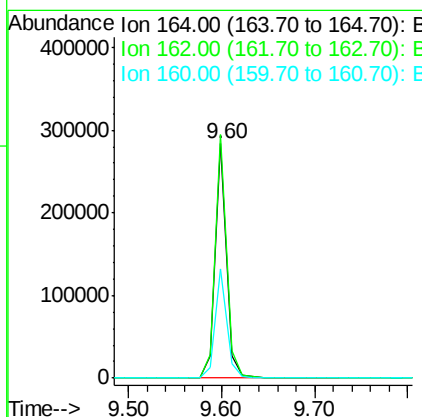
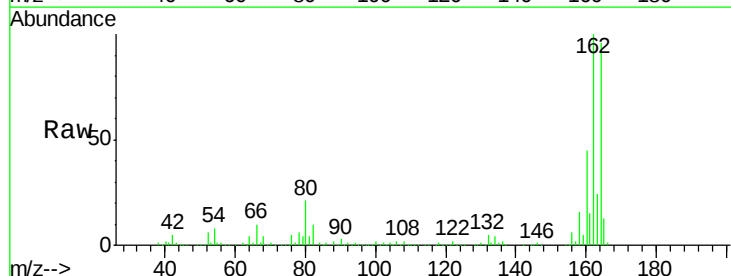
Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-105

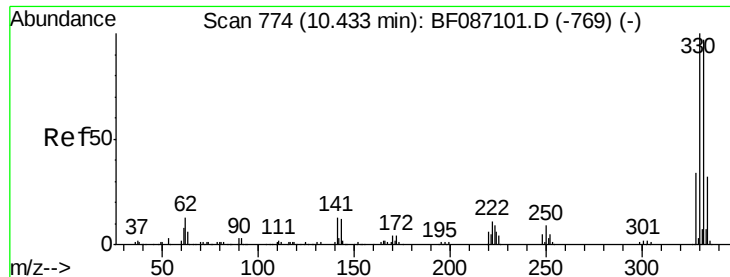
Tgt Ion: 82 Resp: 837024
 Ion Ratio Lower Upper
 82 100
 128 37.9 40.6 61.0#
 54 71.9 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 701
 Delta R.T. -0.05 min
 Lab File: BF087216.D
 Acq: 20 May 2016 7:07

Tgt Ion: 164 Resp: 236327
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.8 124.2
 160 46.5 36.9 55.3

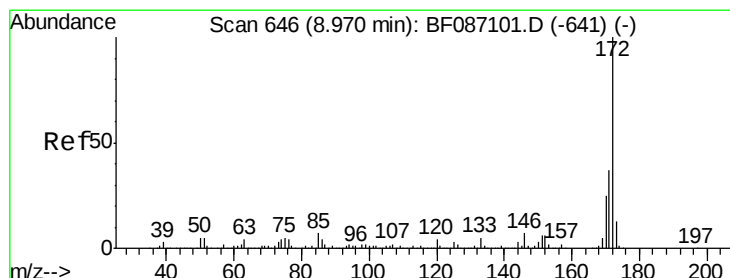
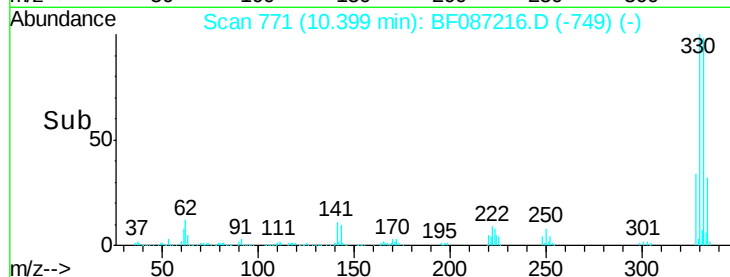
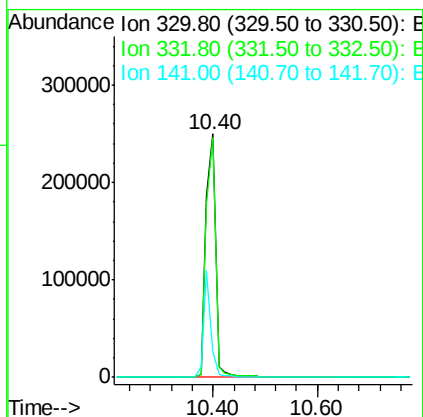
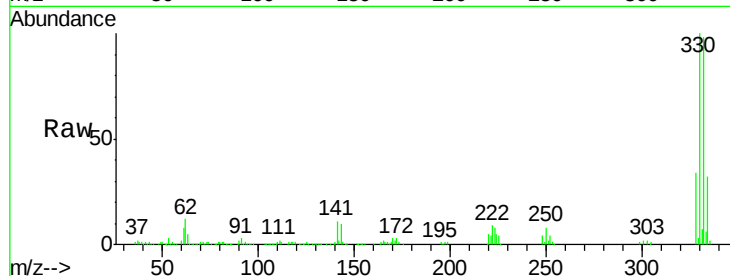




#41
 2,4,6-Tribromophenol
 Concen: 123.70 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.05 min
 Lab File: BF087216.D
 Acq: 20 May 2016 7:07

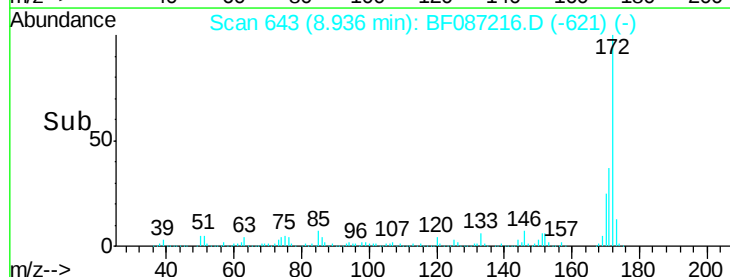
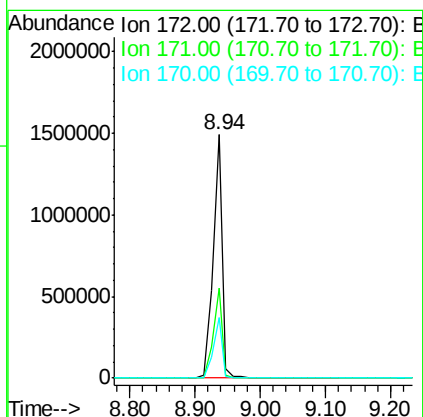
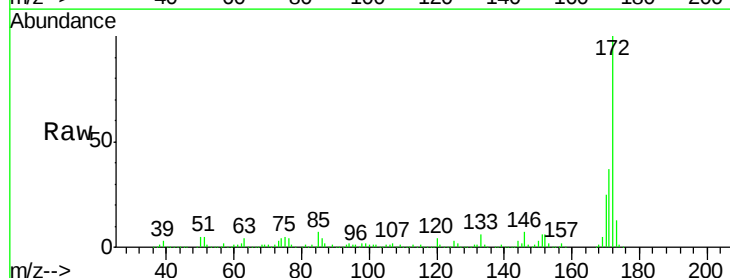
Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-105

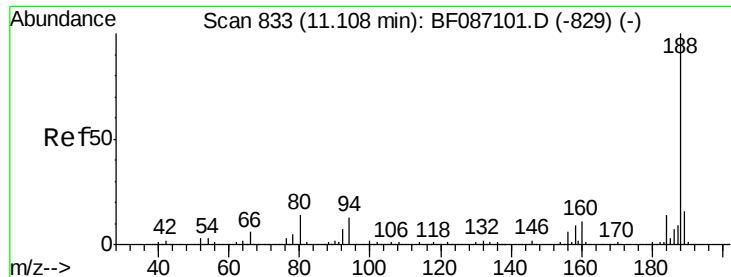
Tgt Ion:330 Resp: 323042
 Ion Ratio Lower Upper
 330 100
 332 96.7 79.0 118.4
 141 33.0 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 103.50 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.05 min
 Lab File: BF087216.D
 Acq: 20 May 2016 7:07

Tgt Ion:172 Resp: 1476868
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.0 43.6
 170 24.8 19.8 29.8

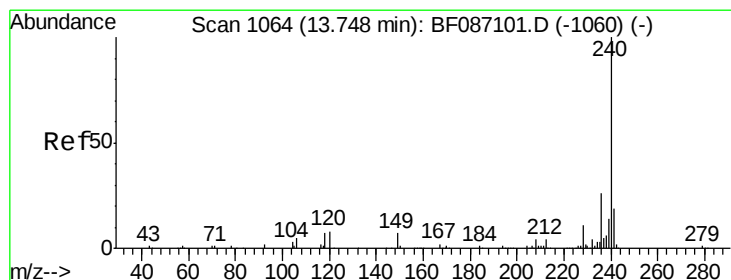
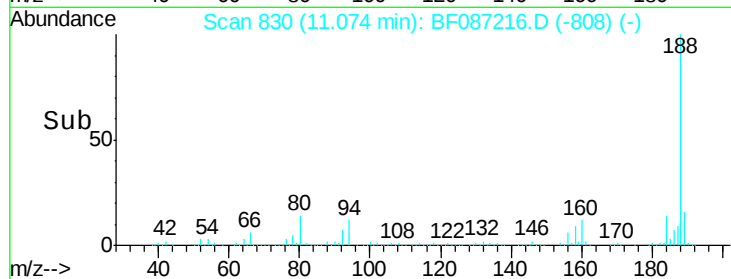
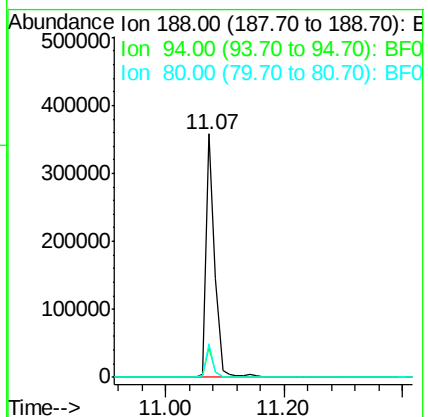
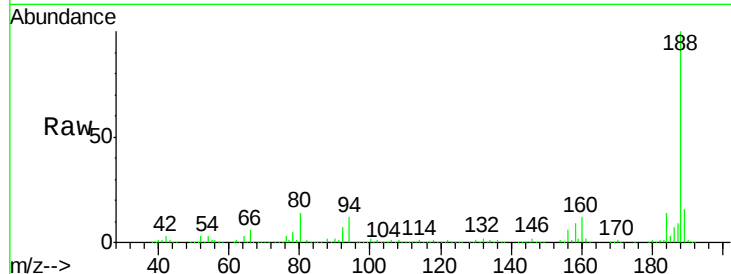




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.05 min
Lab File: BF087216.D
Acq: 20 May 2016 7:07

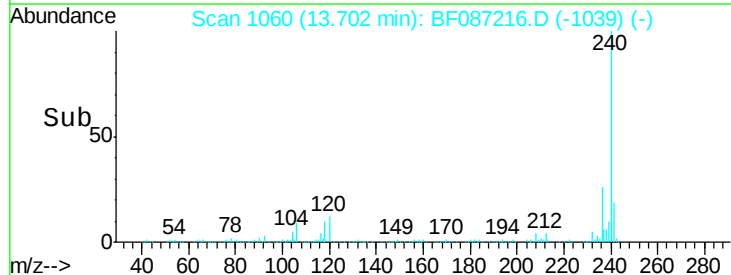
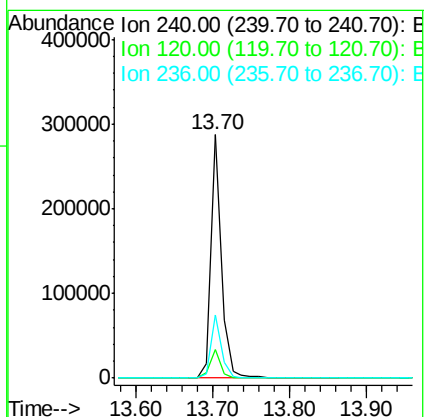
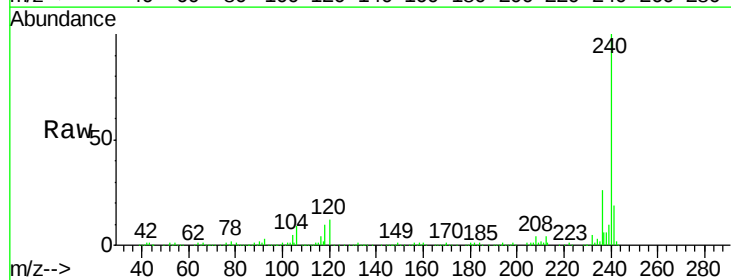
Instrument :
BNA_F
ClientSampleId :
RAV-GT-105

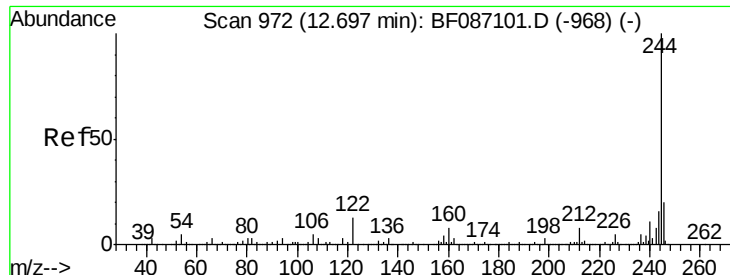
Tgt Ion:188 Resp: 371092
Ion Ratio Lower Upper
188 100
94 12.2 6.8 10.2#
80 14.1 7.1 10.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.06 min
Lab File: BF087216.D
Acq: 20 May 2016 7:07

Tgt Ion:240 Resp: 268863
Ion Ratio Lower Upper
240 100
120 11.9 11.2 16.8
236 26.1 21.2 31.8

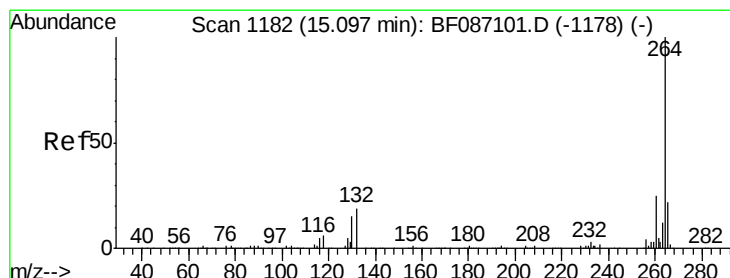
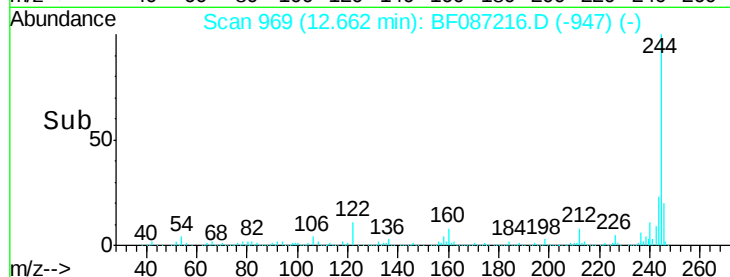
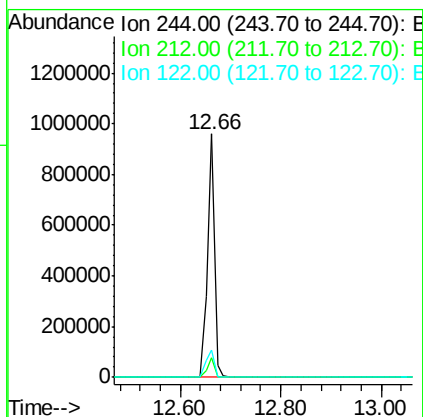
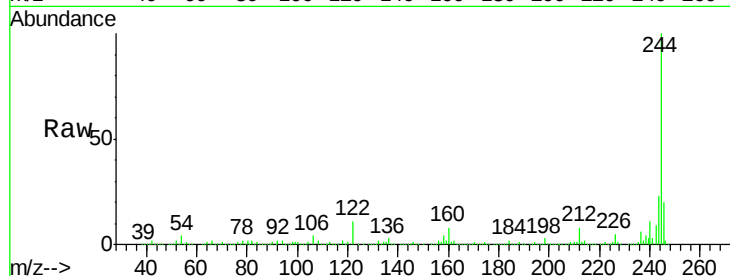




#78
 Terphenyl-d14
 Concen: 77.94 ng
 RT: 12.66 min Scan# 969
 Delta R.T. -0.05 min
 Lab File: BF087216.D
 Acq: 20 May 2016 7:07

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-105

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	11.0	12.0	18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.06 min
 Lab File: BF087216.D
 Acq: 20 May 2016 7:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	20.9	17.3	25.9

