

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
 Data File : BF087176.D
 Acq On : 19 May 2016 7:43
 Operator : UM/SJ
 Sample : H3120-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-101

Quant Time: May 19 12:48:24 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

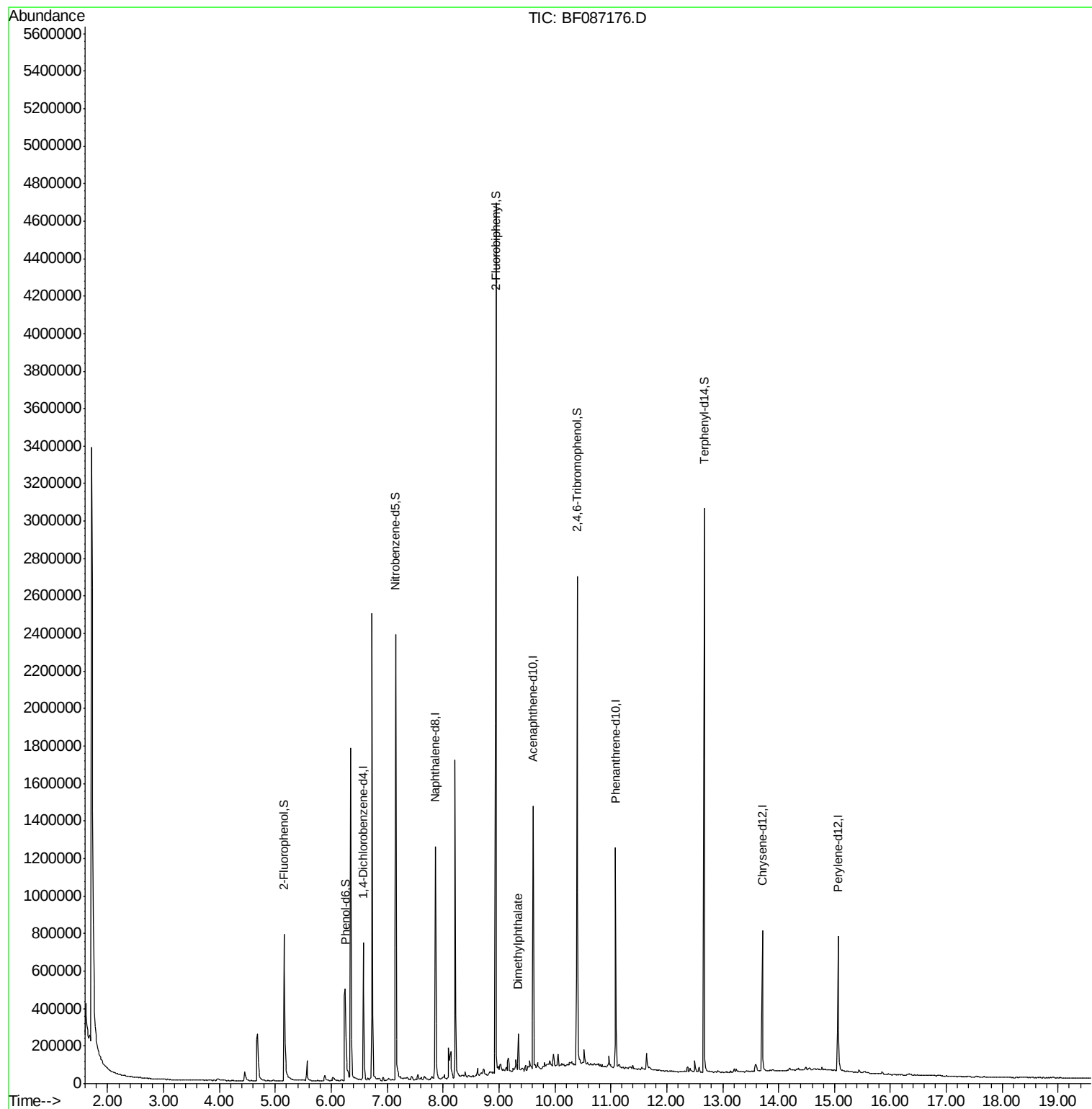
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	128534	20.00	ng	-0.03
21) Naphthalene-d8	7.86	136	514297	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	250961	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	390417	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	293428	20.00	ng	-0.05
86) Perylene-d12	15.06	264	288501	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	320776	41.95	ng	-0.05
7) Phenol-d6	6.25	99	315530	30.76	ng	-0.03
23) Nitrobenzene-d5	7.15	82	754817	73.15	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	346506	124.95	ng	-0.05
44) 2-Fluorobiphenyl	8.95	172	1451171	95.77	ng	-0.03
78) Terphenyl-d14	12.67	244	1048889	80.86	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.35	163	68284	3.57	ng	Qvalue 100

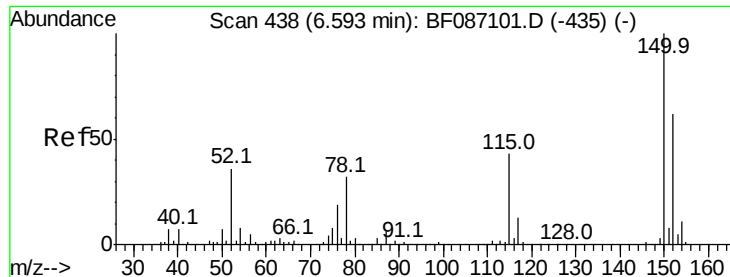
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.03 min

Lab File: BF087176.D

Acq: 19 May 2016 7:43

Instrument :

BNA_F

ClientSampleId :

RAV-GT-101

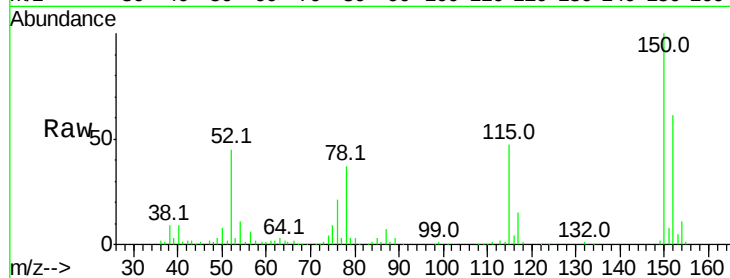
Tot Ion:152 Resp: 128534

Ion Ratio Lower Upper

152 100

150 164.1 125.8 188.6

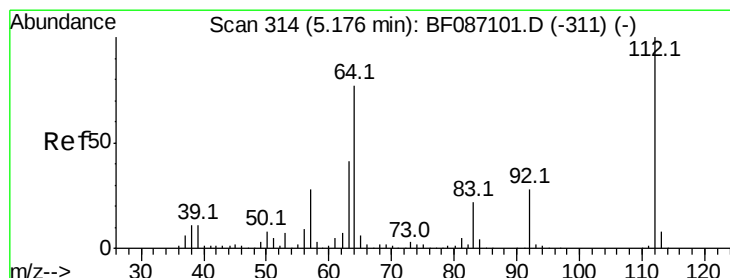
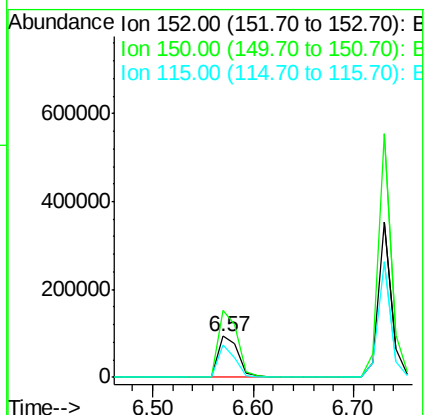
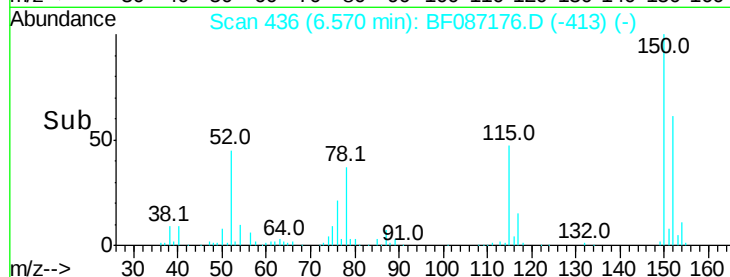
115 77.2 51.5 77.3



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: 41.95 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.05 min

Lab File: BF087176.D

Acq: 19 May 2016 7:43

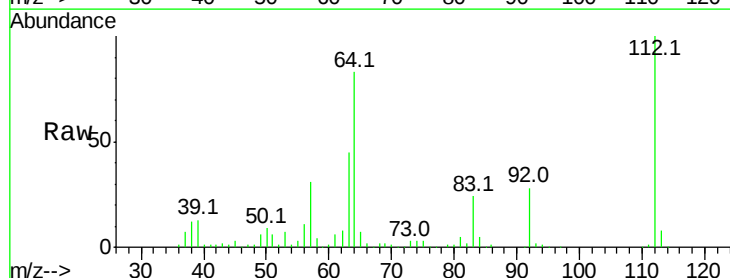
Tgt Ion:112 Resp: 320776

Ion Ratio Lower Upper

112 100

64 83.3 52.1 78.1#

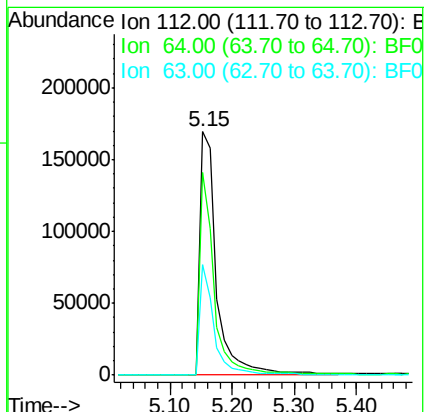
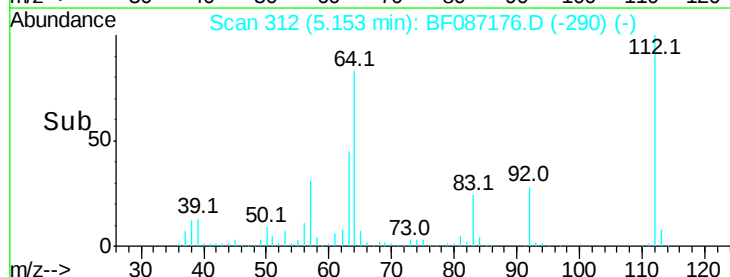
63 45.2 25.7 38.5#

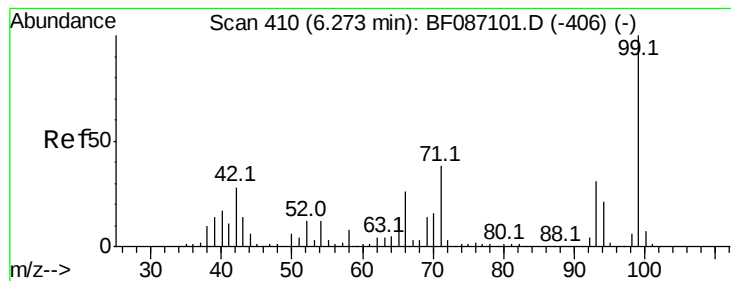


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 30.76 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF087176.D

Acq: 19 May 2016 7:43

Instrument :

BNA_F

ClientSampleId :

RAV-GT-101

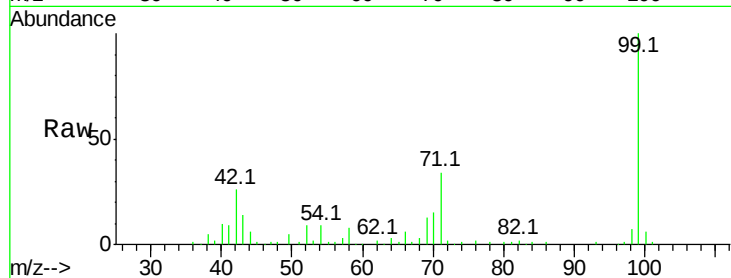
Tot Ion: 99 Resp: 31530

Ion Ratio Lower Upper

99 100

42 25.8 13.6 20.4#

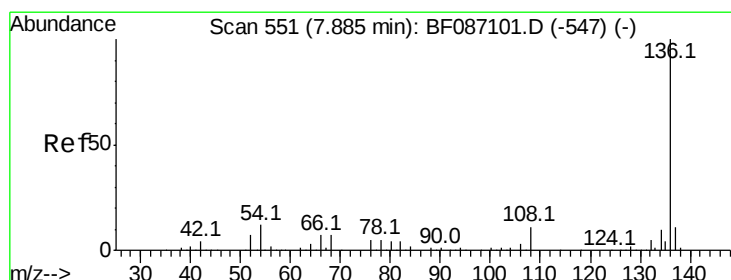
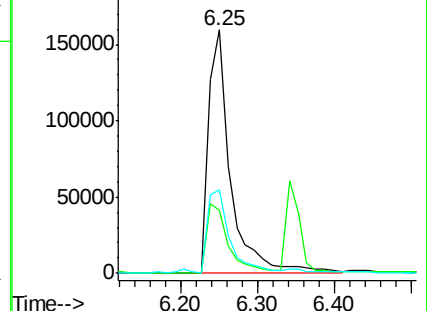
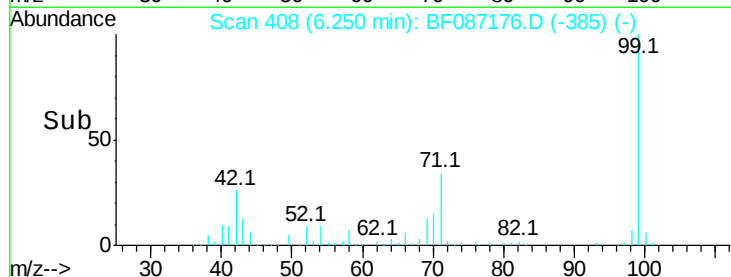
71 34.4 24.6 36.8



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: 7.86 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF087176.D

Acq: 19 May 2016 7:43

Tgt Ion: 136 Resp: 514297

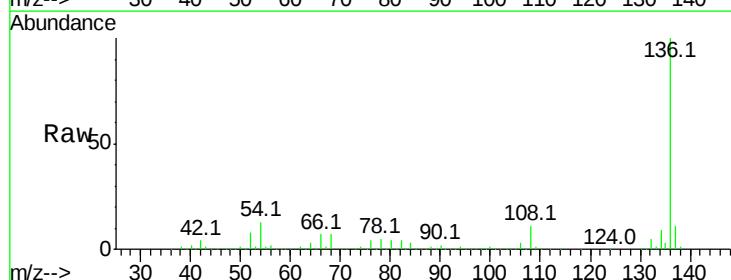
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 13.4 5.0 7.4#

68 7.2 4.4 6.6#

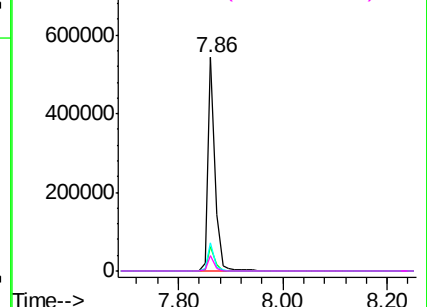
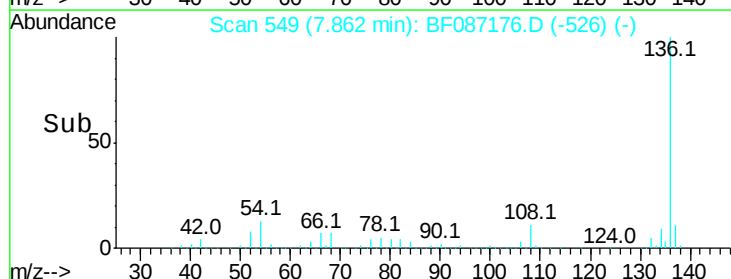


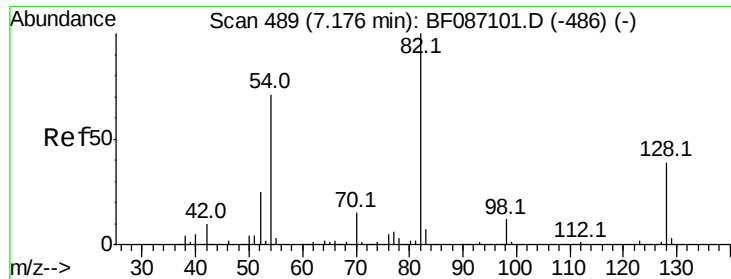
Abundance Ion 136.00 (135.70 to 136.70): E

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

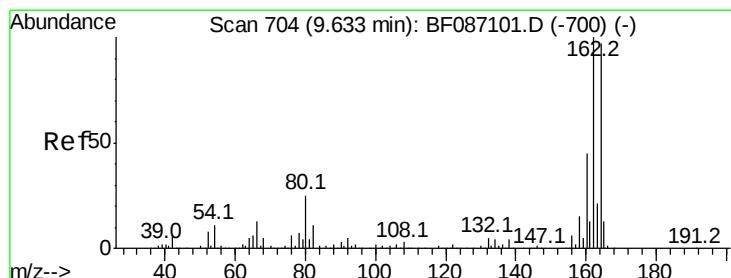
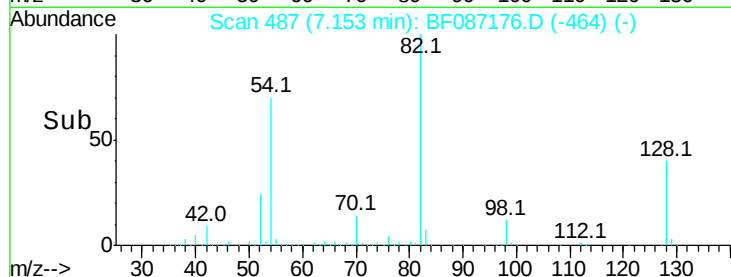
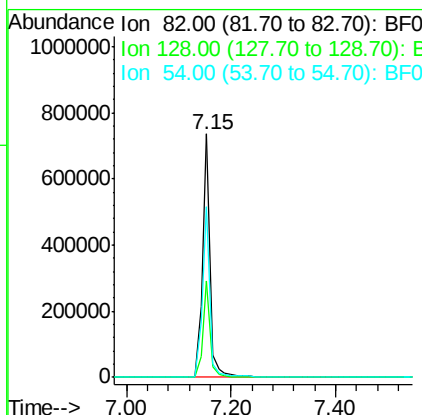
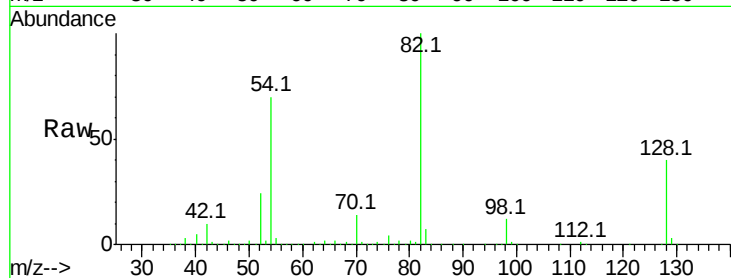




#23
 Nitrobenzene-d5
 Concen: 73.15 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.03 min
 Lab File: BF087176.D
 Acq: 19 May 2016 7:43

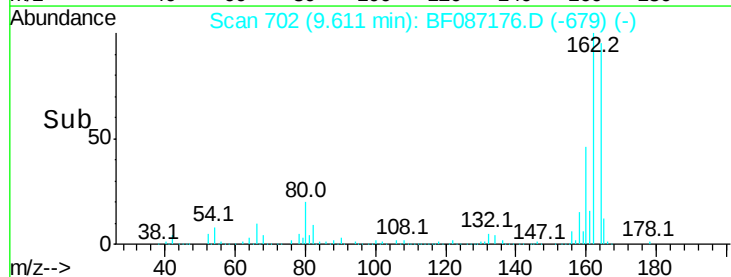
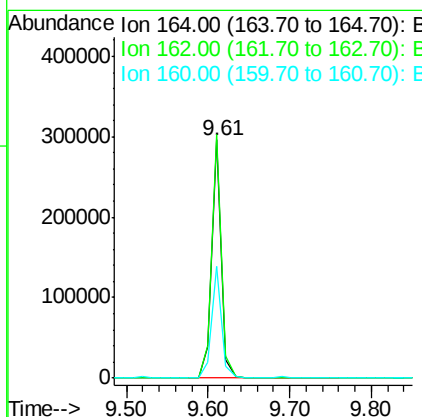
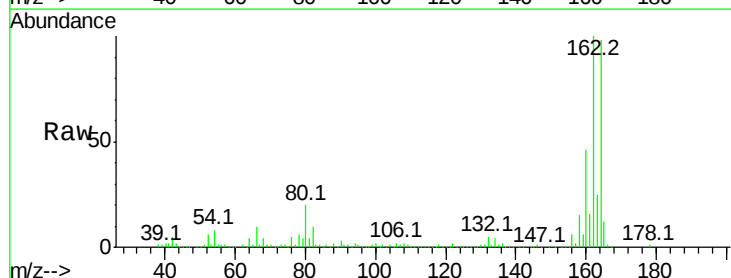
Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-101

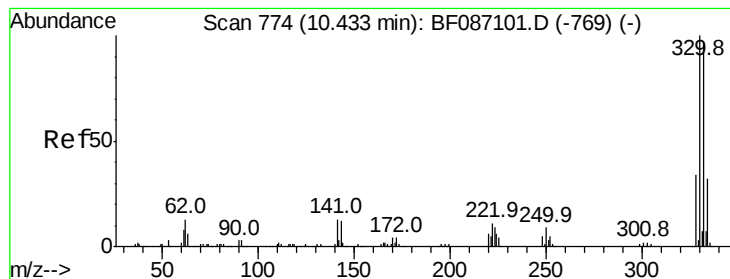
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.9	40.6	61.0#
54	70.2	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.03 min
 Lab File: BF087176.D
 Acq: 19 May 2016 7:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.8	124.2
160	46.7	36.9	55.3





#41

2,4,6-Tribromophenol

Concen: 124.95 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.05 min

Lab File: BF087176.D

Acq: 19 May 2016 7:43

Instrument :

BNA_F

ClientSampleId :

RAV-GT-101

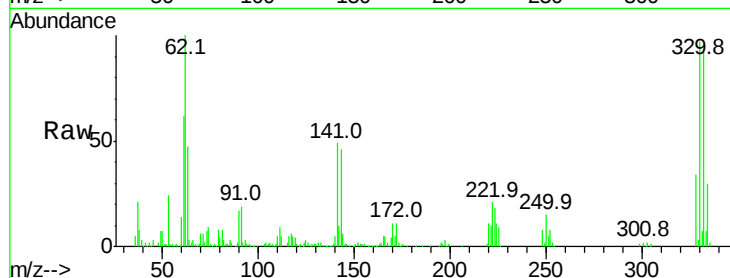
Tot Ion:330 Resp: 346506

Ion Ratio Lower Upper

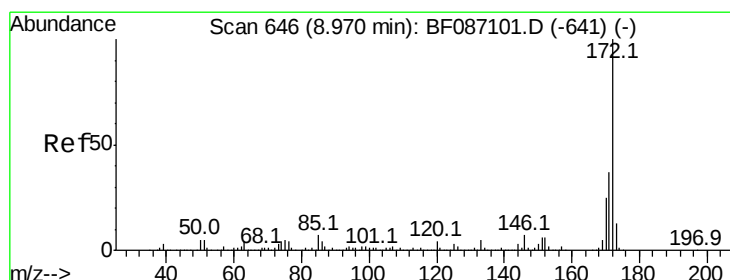
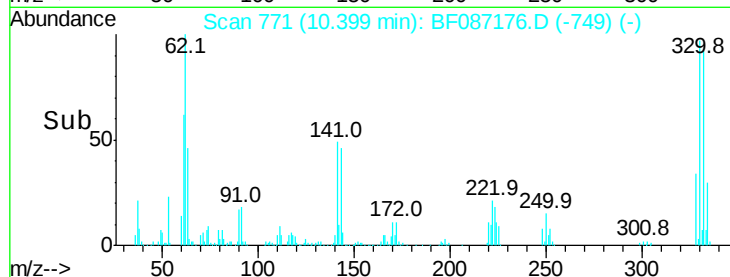
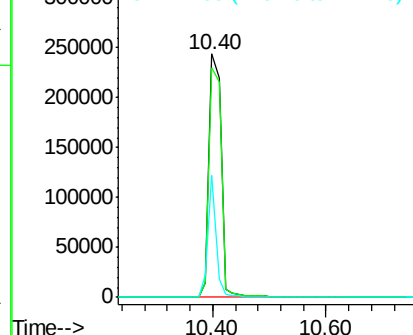
330 100

332 96.0 79.0 118.4

141 33.4 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: 95.77 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.03 min

Lab File: BF087176.D

Acq: 19 May 2016 7:43

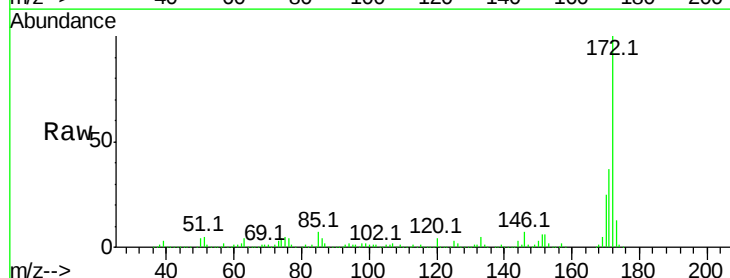
Tgt Ion:172 Resp: 1451171

Ion Ratio Lower Upper

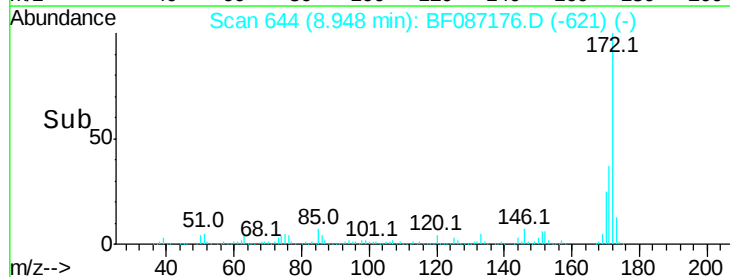
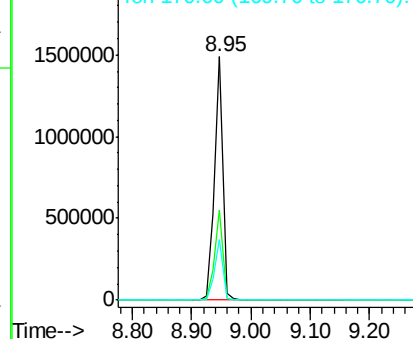
172 100

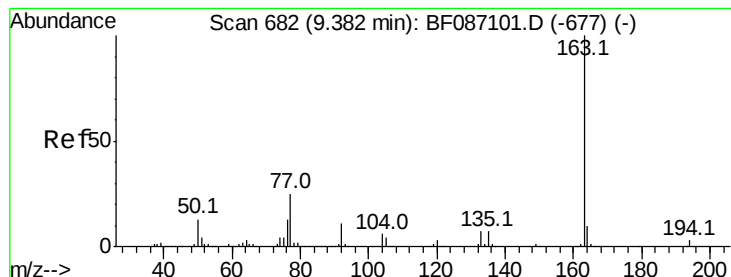
171 36.7 29.0 43.6

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: 3.57 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF087176.D

Acq: 19 May 2016 7:43

Instrument :

BNA_F

ClientSampled :

RAV-GT-101

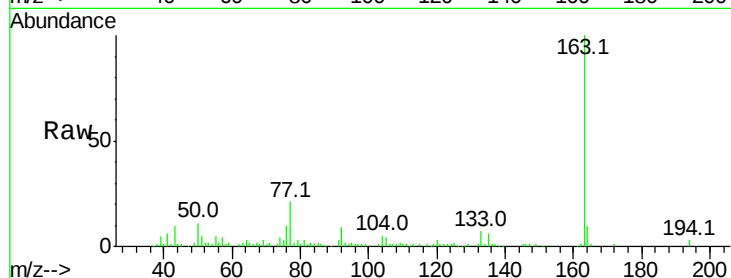
Tot Ion:163 Resp: 68284

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

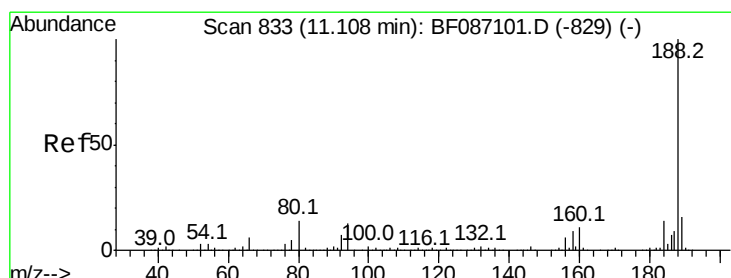
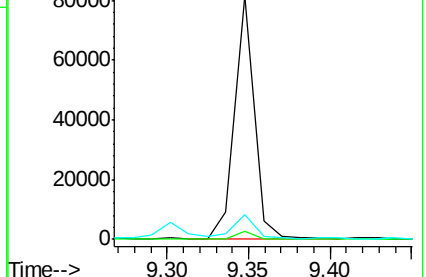
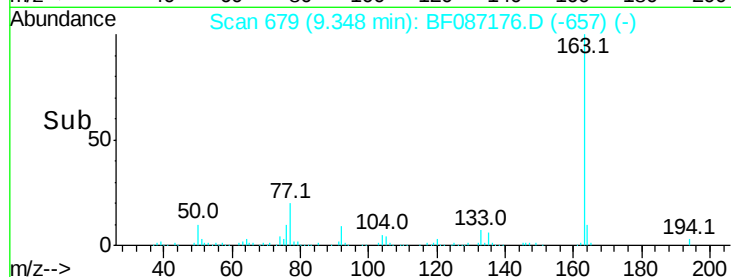
164 10.3 8.2 12.4



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: 11.08 min Scan# 831

Delta R.T. -0.03 min

Lab File: BF087176.D

Acq: 19 May 2016 7:43

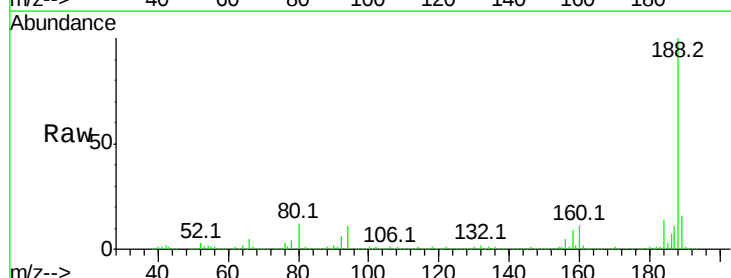
Tgt Ion:188 Resp: 390417

Ion Ratio Lower Upper

188 100

94 11.0 6.8 10.2#

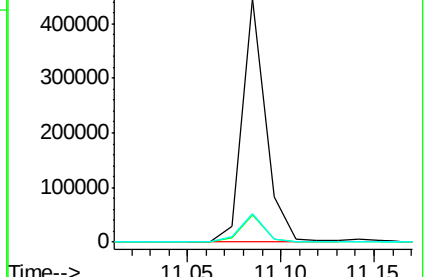
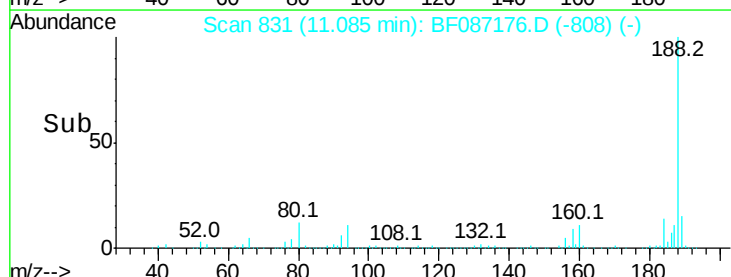
80 11.9 7.1 10.7#

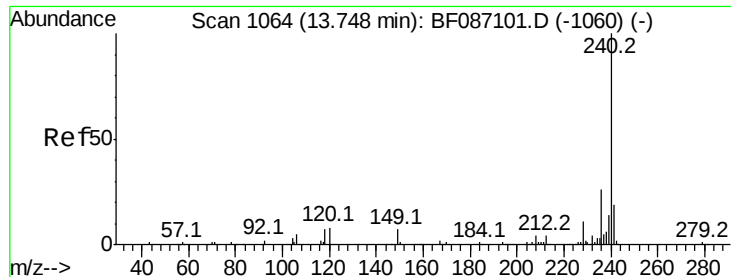


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.71 min Scan# 1061

Delta R.T. -0.05 min

Lab File: BF087176.D

Acq: 19 May 2016 7:43

Instrument :

BNA_F

ClientSampleId :

RAV-GT-101

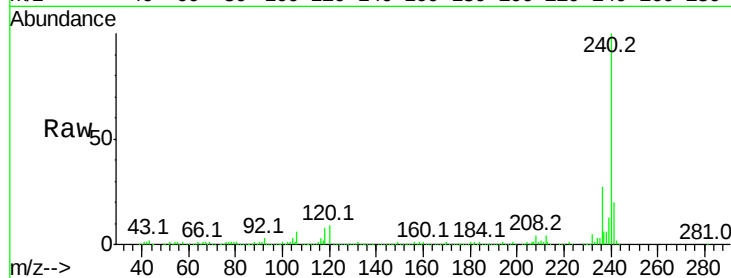
Tot Ion:240 Resp: 293428

Ion Ratio Lower Upper

240 100

120 9.1 11.2 16.8#

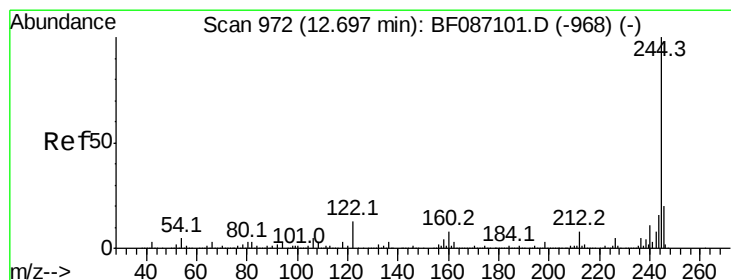
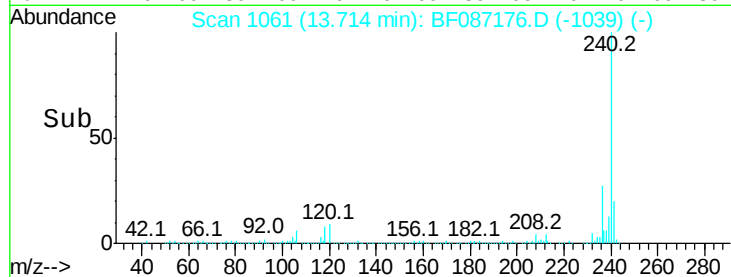
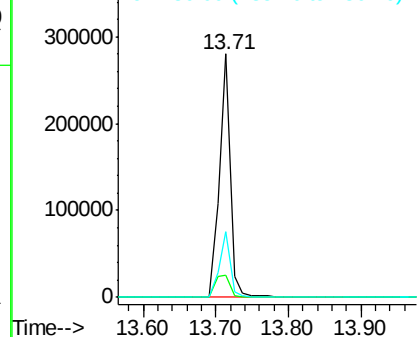
236 26.9 21.2 31.8



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: 80.86 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.03 min

Lab File: BF087176.D

Acq: 19 May 2016 7:43

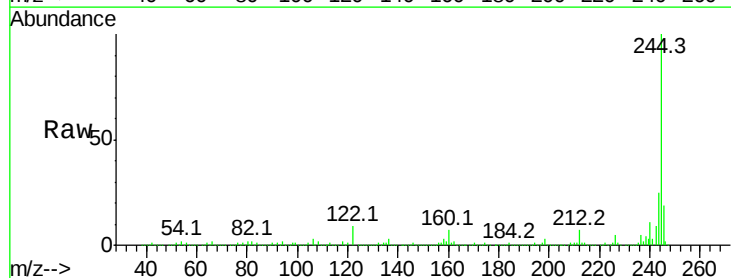
Tgt Ion:244 Resp: 1048889

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

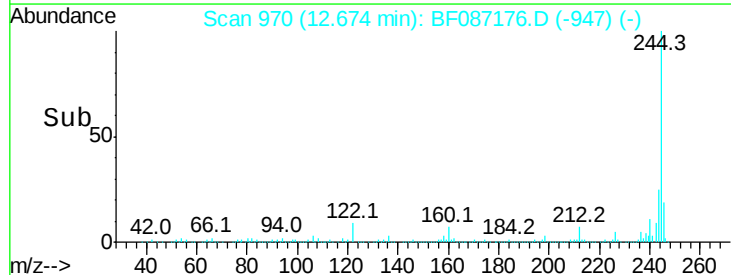
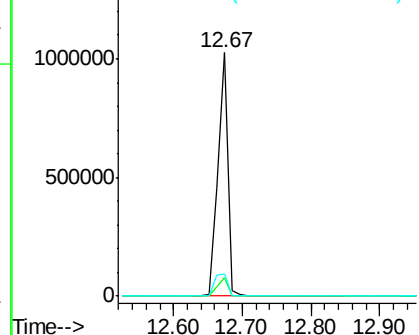
122 9.2 12.0 18.0#

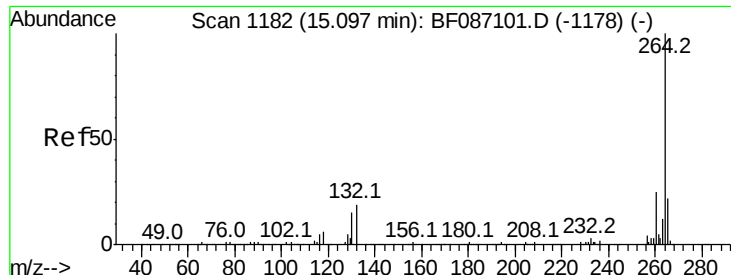


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

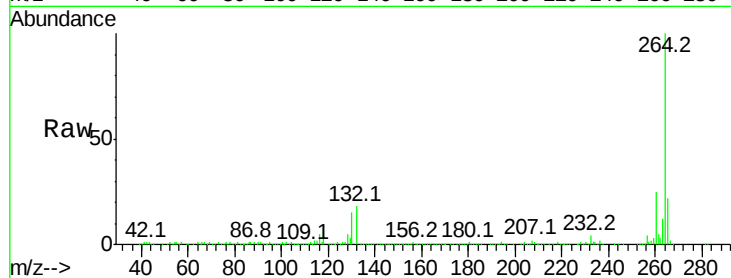




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF087176.D
Acq: 19 May 2016 7:43

Instrument :
BNA_F
ClientSampleId :
RAV-GT-101

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.0	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

