

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
 Data File : BF087177.D
 Acq On : 19 May 2016 8:12
 Operator : UM/SJ
 Sample : H3120-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-104

Quant Time: May 19 12:50:20 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

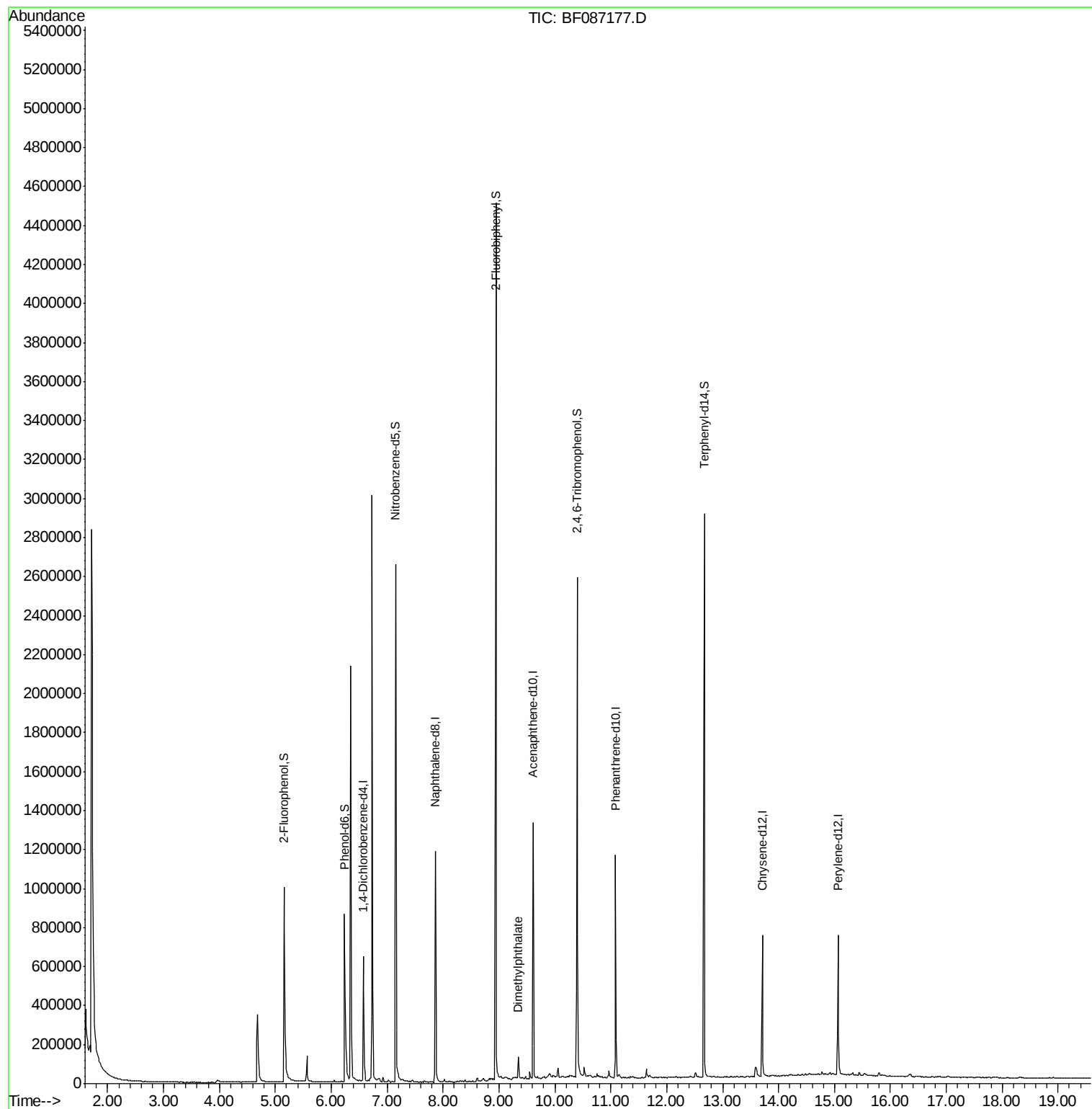
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	122419	20.00	ng	-0.03
21) Naphthalene-d8	7.86	136	503567	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	233230	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	382426	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	276203	20.00	ng	-0.05
86) Perylene-d12	15.06	264	287157	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	412687	56.66	ng	-0.05
7) Phenol-d6	6.24	99	354347	36.28	ng	-0.05
23) Nitrobenzene-d5	7.15	82	819414	81.10	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	305004	118.34	ng	-0.05
44) 2-Fluorobiphenyl	8.95	172	1417859	100.68	ng	-0.03
78) Terphenyl-d14	12.67	244	1053179	86.26	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.35	163	40860	2.30	ng	98

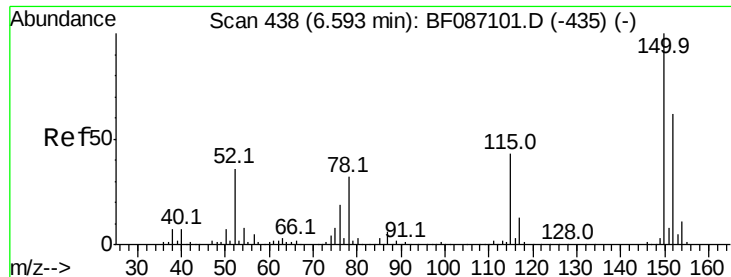
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087177.D

Acq: 19 May 2016 8:12

Instrument :

BNA_F

ClientSampleId :

RAV-GT-104

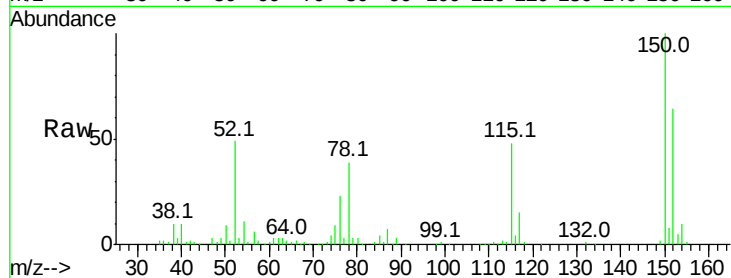
Tot Ion:152 Resp: 122419

Ion Ratio Lower Upper

152 100

150 156.8 125.8 188.6

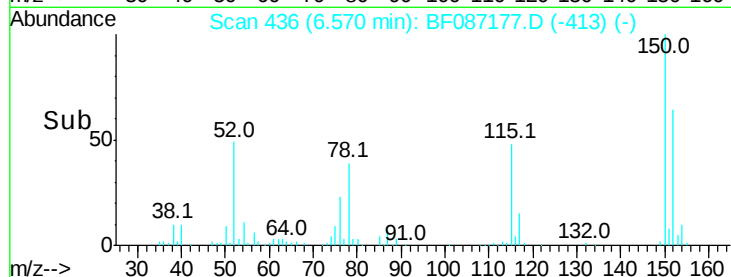
115 76.0 51.5 77.3



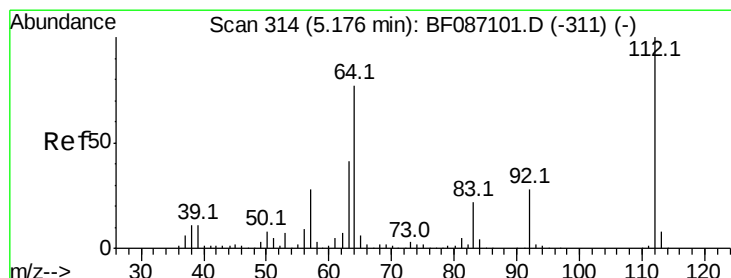
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 56.66 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.05 min

Lab File: BF087177.D

Acq: 19 May 2016 8:12

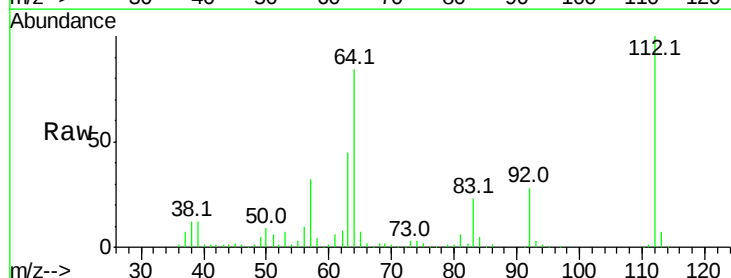
Tgt Ion:112 Resp: 412687

Ion Ratio Lower Upper

112 100

64 83.8 52.1 78.1#

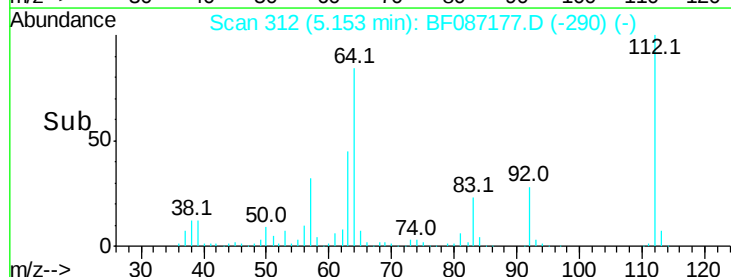
63 45.0 25.7 38.5#



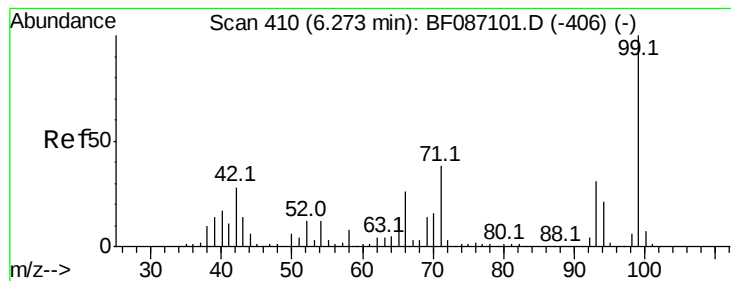
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#7

Phenol-d6

Concen: 36.28 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF087177.D

Acq: 19 May 2016 8:12

Instrument :

BNA_F

ClientSampleId :

RAV-GT-104

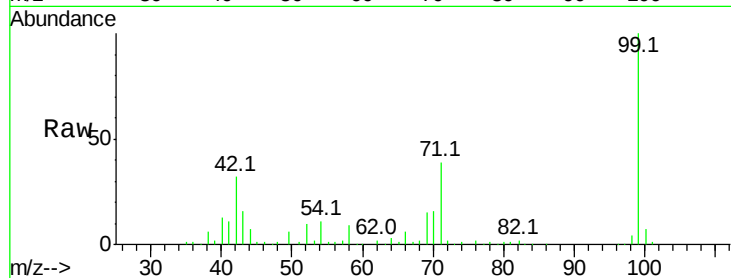
Tot Ion: 99 Resp: 354347

Ion Ratio Lower Upper

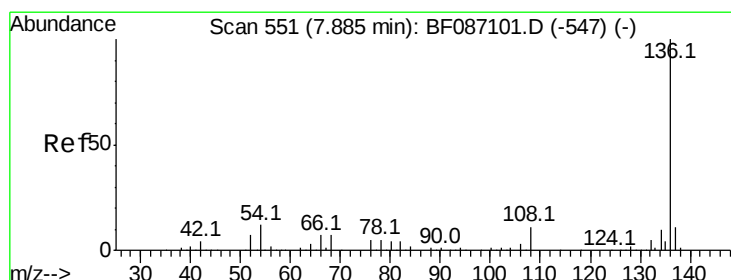
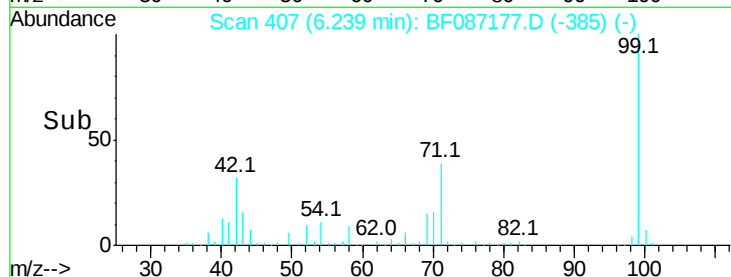
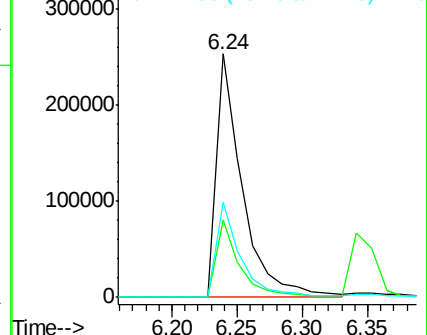
99 100

42 31.7 13.6 20.4#

71 39.1 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: 7.86 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF087177.D

Acq: 19 May 2016 8:12

Tgt Ion: 136 Resp: 503567

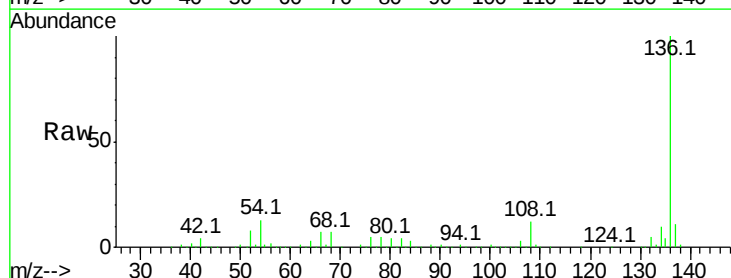
Ion Ratio Lower Upper

136 100

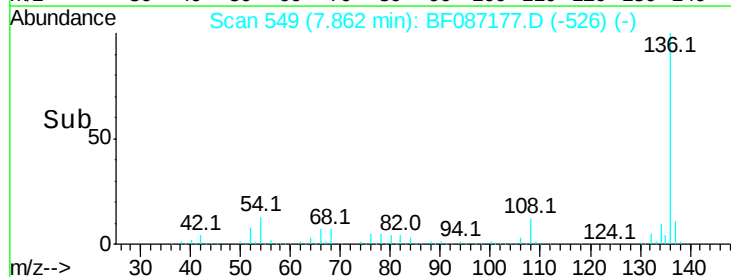
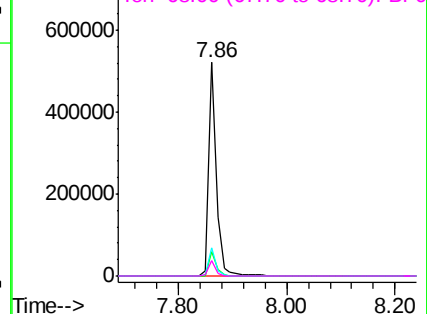
137 11.2 8.8 13.2

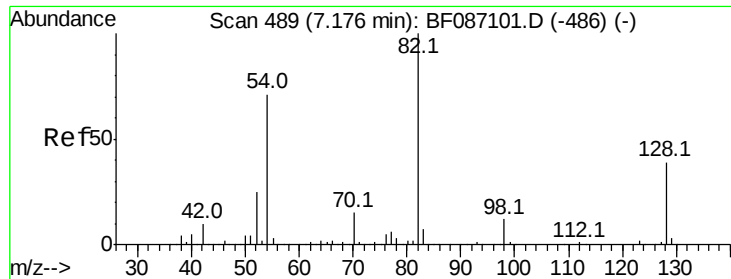
54 13.3 5.0 7.4#

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

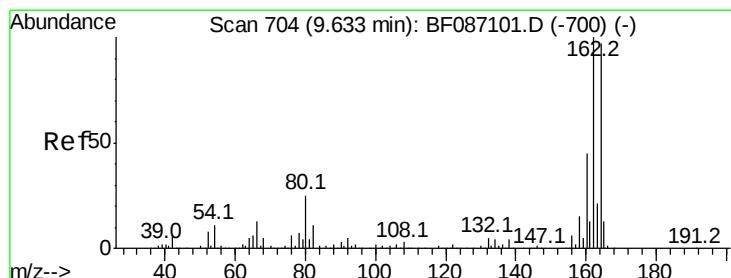
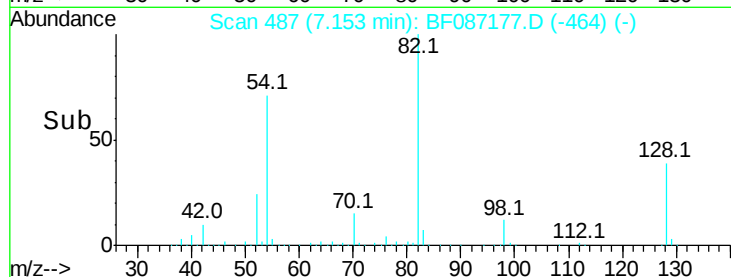
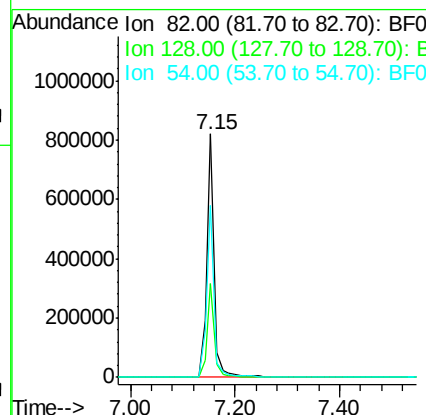
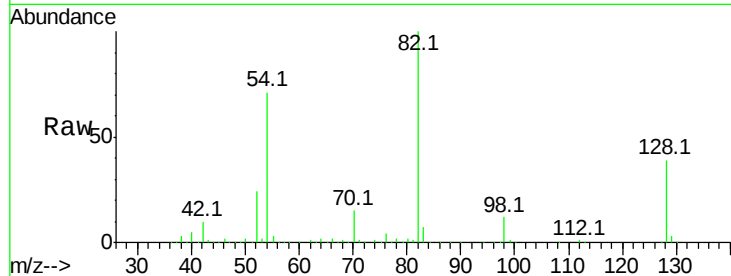




#23
 Nitrobenzene-d5
 Concen: 81.10 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.03 min
 Lab File: BF087177.D
 Acq: 19 May 2016 8:12

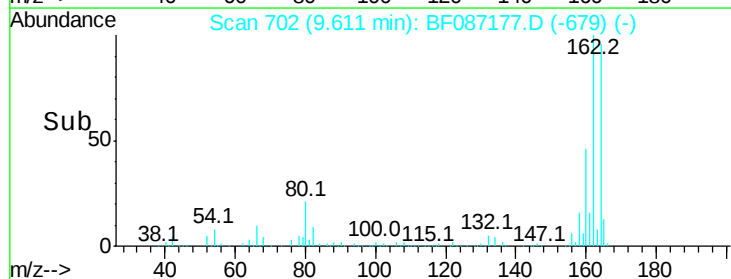
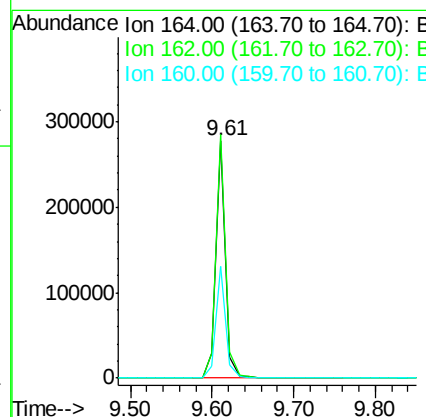
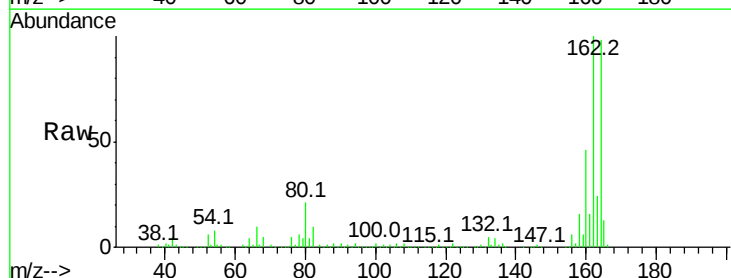
Instrument :
 BNA_F
 ClientSampled :
 RAV-GT-104

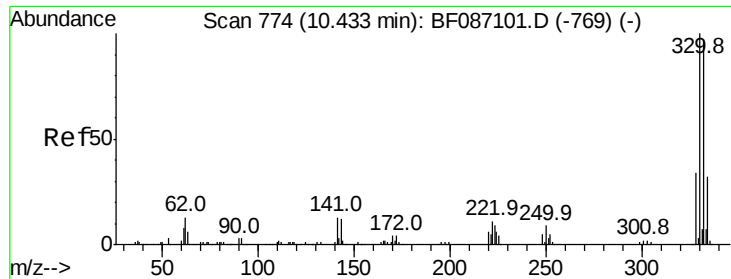
Tot Ion: 82 Resp: 819414
 Ion Ratio Lower Upper
 82 100
 128 38.6 40.6 61.0#
 54 70.6 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.03 min
 Lab File: BF087177.D
 Acq: 19 May 2016 8:12

Tgt Ion: 164 Resp: 233230
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.8 124.2
 160 46.9 36.9 55.3

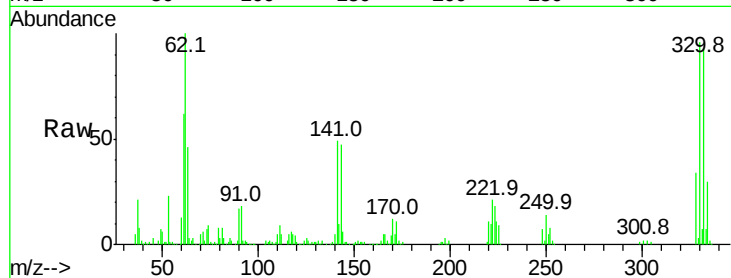




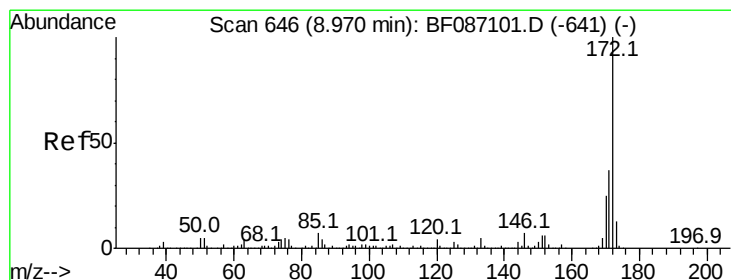
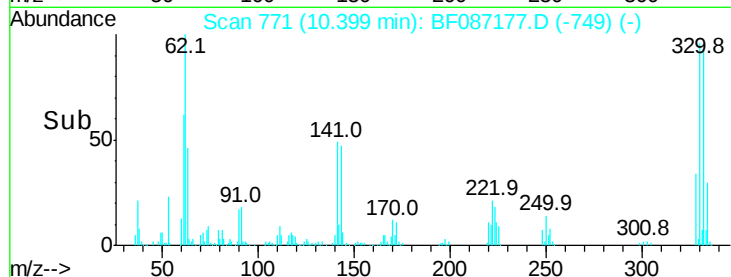
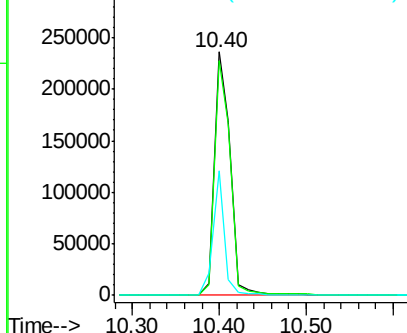
#41
 2,4,6-Tribromophenol
 Concen: 118.34 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.05 min
 Lab File: BF087177.D
 Acq: 19 May 2016 8:12

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-104

Tot Ion:330 Resp: 305004
 Ion Ratio Lower Upper
 330 100
 332 97.5 79.0 118.4
 141 37.5 31.2 46.8

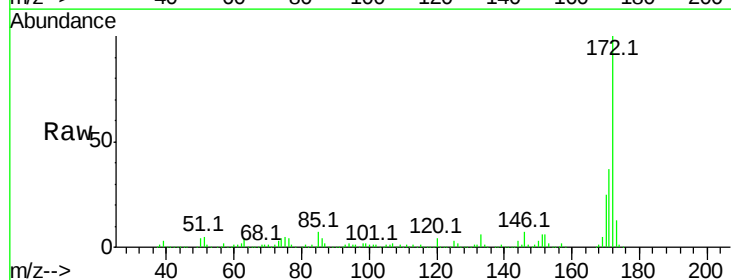


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

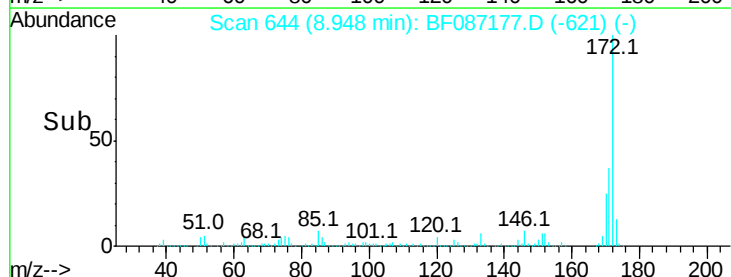
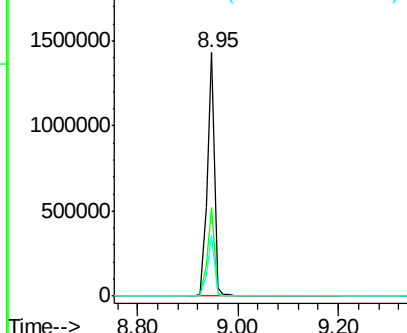


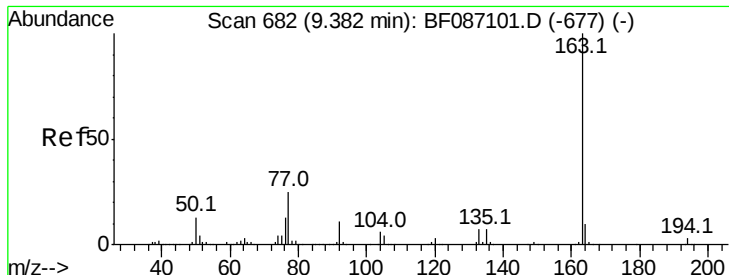
#44
 2-Fluorobiphenyl
 Concen: 100.68 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF087177.D
 Acq: 19 May 2016 8:12

Tgt Ion:172 Resp: 1417859
 Ion Ratio Lower Upper
 172 100
 171 36.5 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: 2.30 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF087177.D

Acq: 19 May 2016 8:12

Instrument :

BNA_F

ClientSampleId :

RAV-GT-104

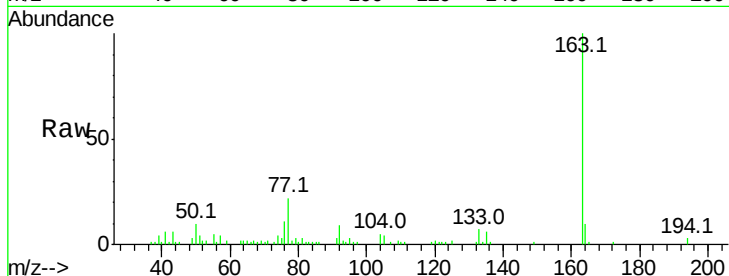
Tot Ion:163 Resp: 40860

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

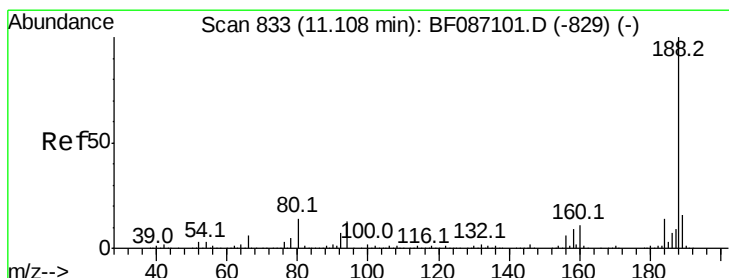
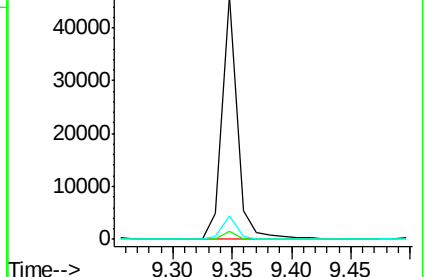
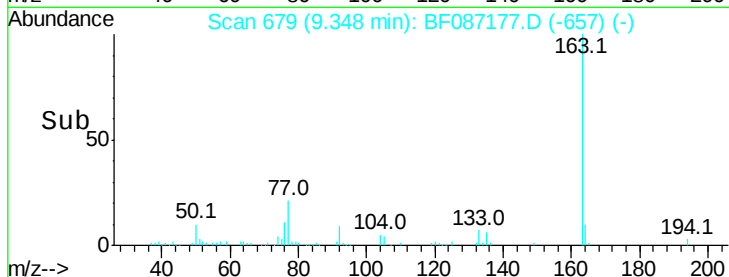
164 9.6 8.2 12.4



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: BF087177.D

Acq: 19 May 2016 8:12

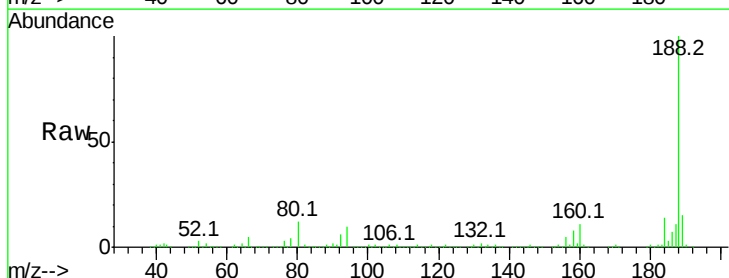
Tgt Ion:188 Resp: 382426

Ion Ratio Lower Upper

188 100

94 10.4 6.8 10.2#

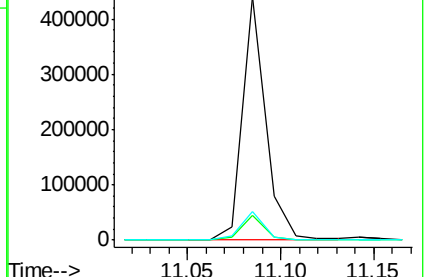
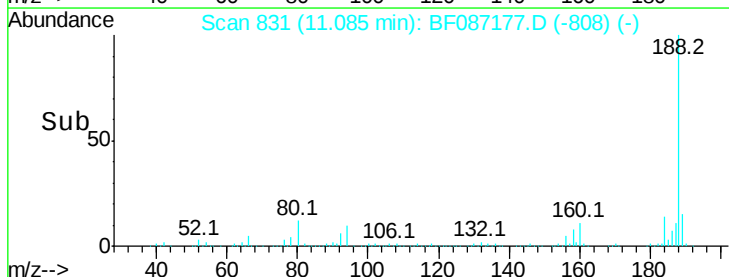
80 11.6 7.1 10.7#

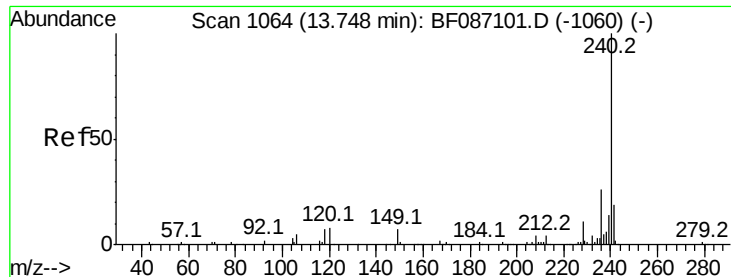


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF087177.D

Acq: 19 May 2016 8:12

Instrument :

BNA_F

ClientSampleId :

RAV-GT-104

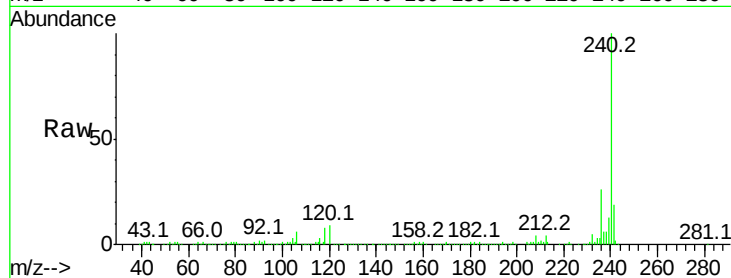
Tot Ion:240 Resp: 276203

Ion Ratio Lower Upper

240 100

120 9.1 11.2 16.8#

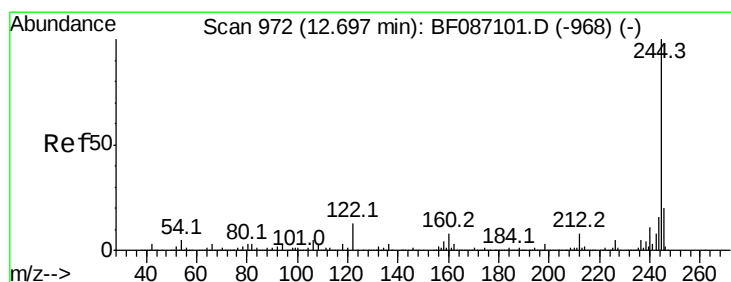
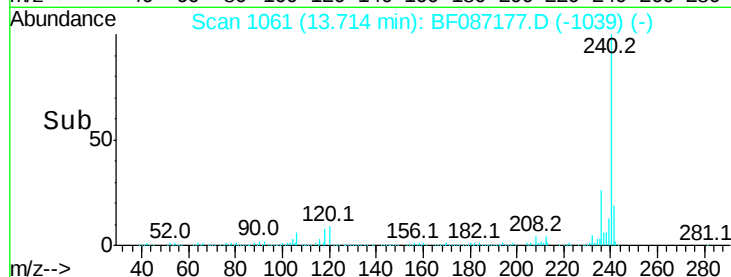
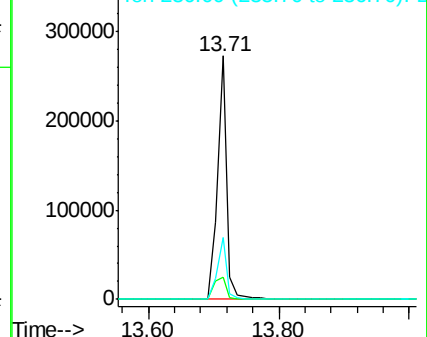
236 25.6 21.2 31.8



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: 86.26 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.03 min

Lab File: BF087177.D

Acq: 19 May 2016 8:12

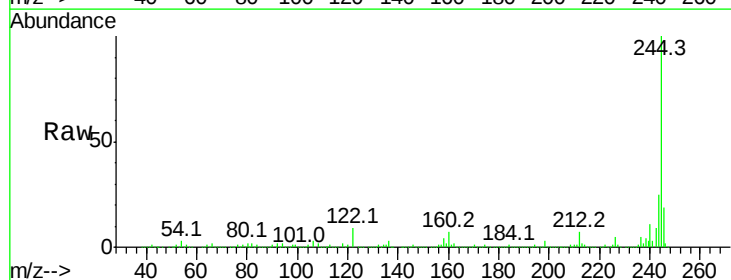
Tgt Ion:244 Resp: 1053179

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

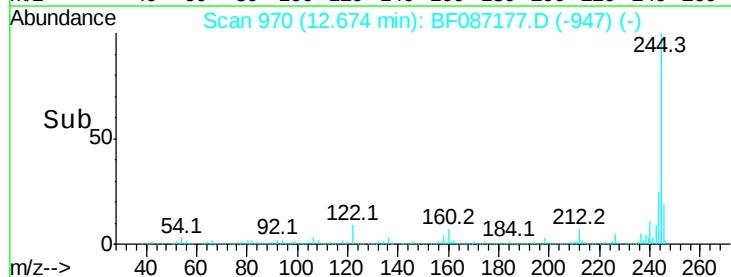
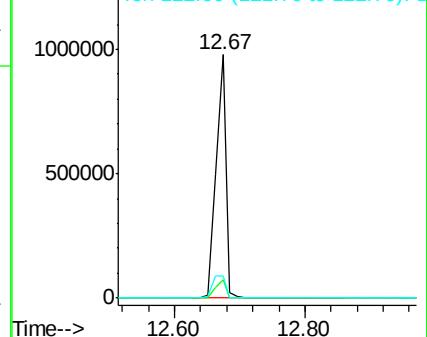
122 9.1 12.0 18.0#

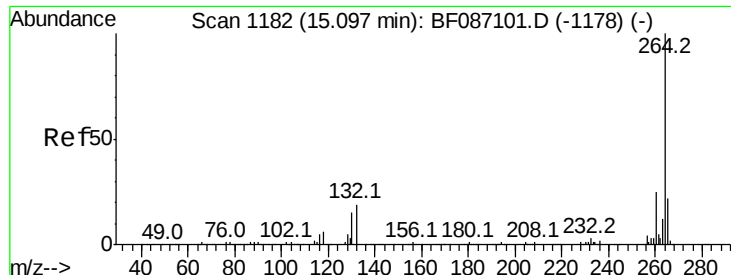


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

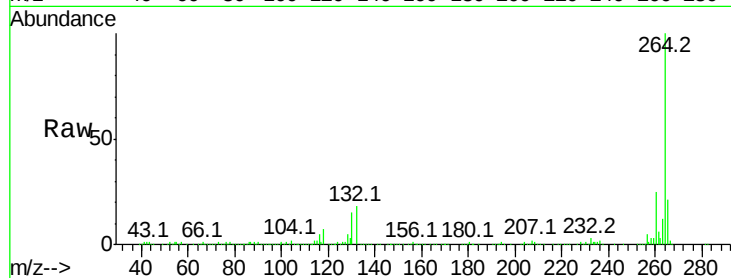




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF087177.D
Acq: 19 May 2016 8:12

Instrument :
BNA_F
ClientSampleId :
RAV-GT-104

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.3	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

