

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091918\
 Data File : BG036840.D
 Acq On : 20 Sep 2018 8:51
 Operator : JU/SJ
 Sample : J4979-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-202

Quant Time: Sep 20 09:29:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

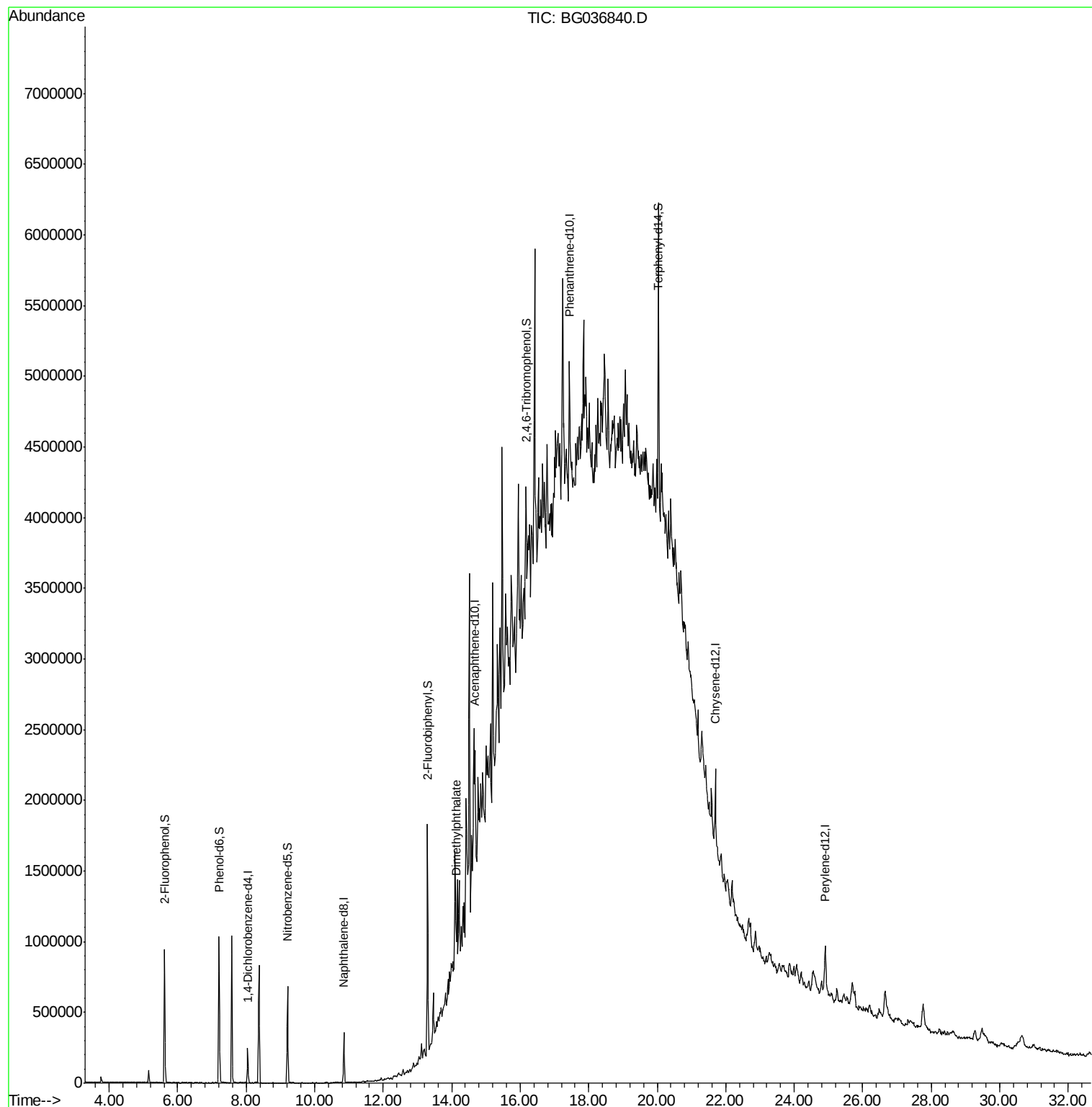
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	71746	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	303316	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	156442	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	290240	20.00	ng	0.00
75) Chrysene-d12	21.70	240	311877	20.00	ng	0.00
86) Perylene-d12	24.90	264	323744	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	400699	88.59	ng	0.00
7) Phenol-d6	7.20	99	616101	95.14	ng	-0.01
23) Nitrobenzene-d5	9.21	82	421203	75.34	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	172754	92.55	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	811811	74.09	ng	-0.01
78) Terphenyl-d14	20.04	244	957742	71.78	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.12	163	102237	8.003	ng	Qvalue # 91

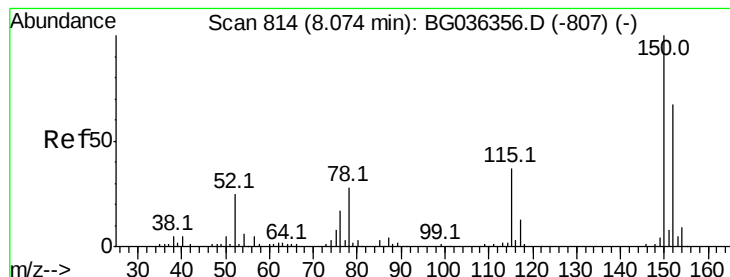
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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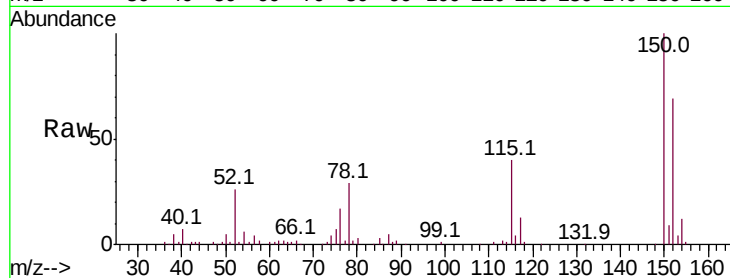


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BG036840.D
 Acq: 20 Sep 2018 8:51

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-202

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.5	119.5	179.3
115	58.9	44.5	66.7

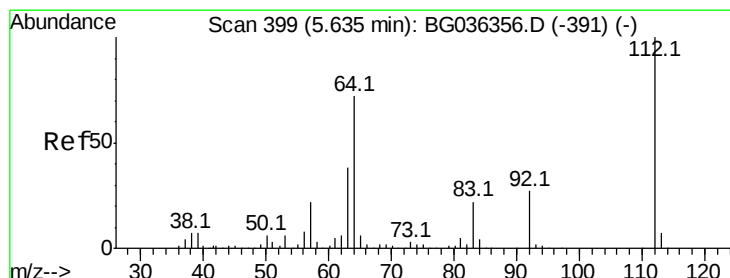
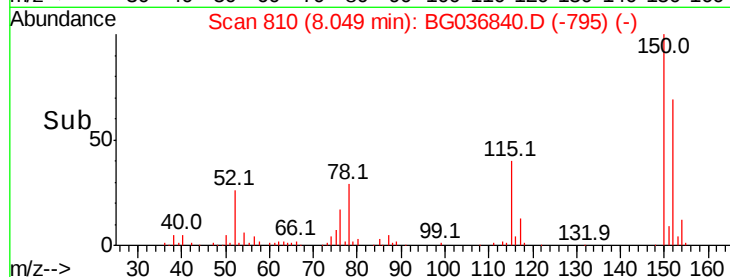
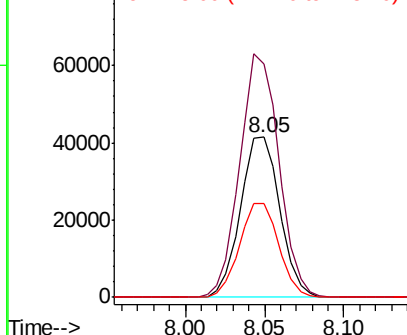


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

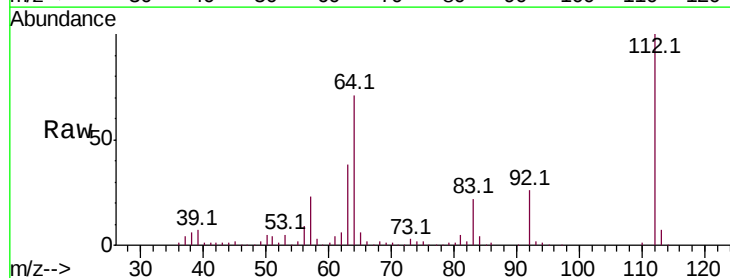
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 88.594 ng
 RT: 5.62 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BG036840.D
 Acq: 20 Sep 2018 8:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.5	57.2	85.8
63	37.8	30.8	46.2

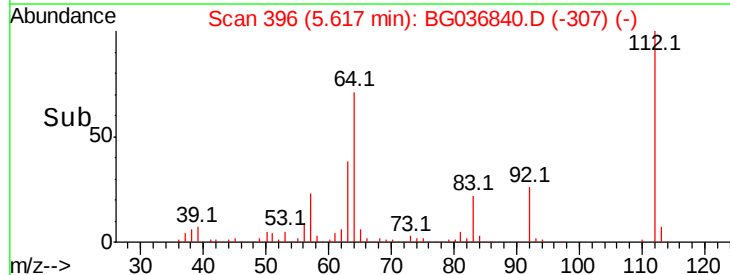
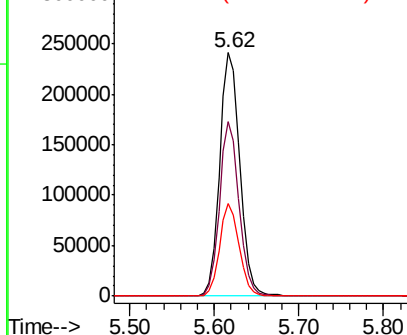


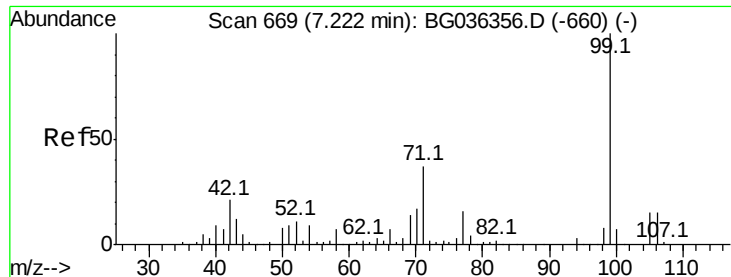
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 95.142 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036840.D

Acq: 20 Sep 2018 8:51

Instrument :

BNA_G

ClientSampleId :

VNJ-202

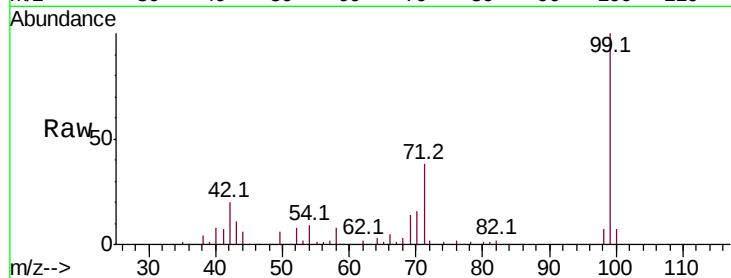
Tot Ion: 99 Resp: 616101

Ion Ratio Lower Upper

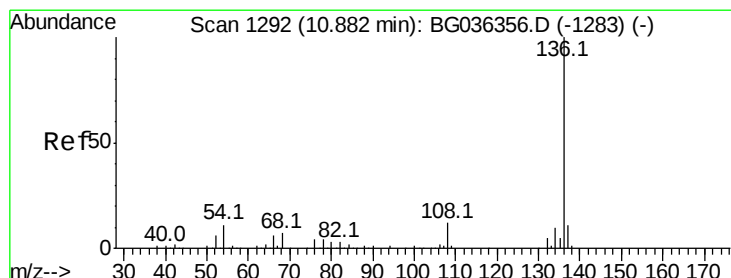
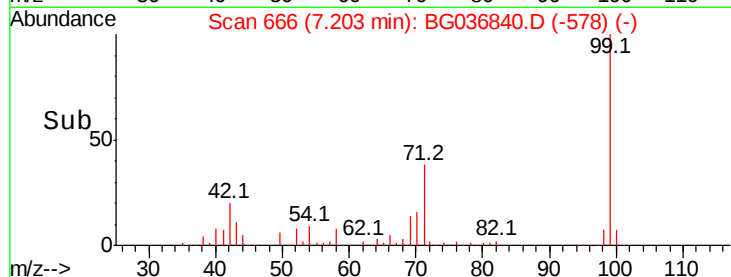
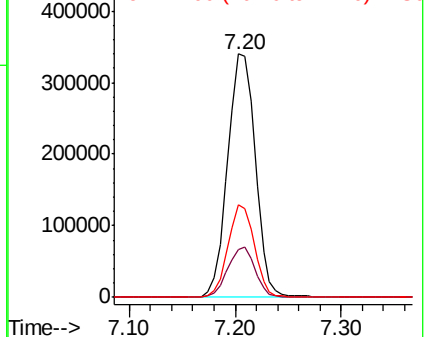
99 100

42 19.8 16.5 24.7

71 37.8 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG036840.D

Acq: 20 Sep 2018 8:51

Tgt Ion: 136 Resp: 303316

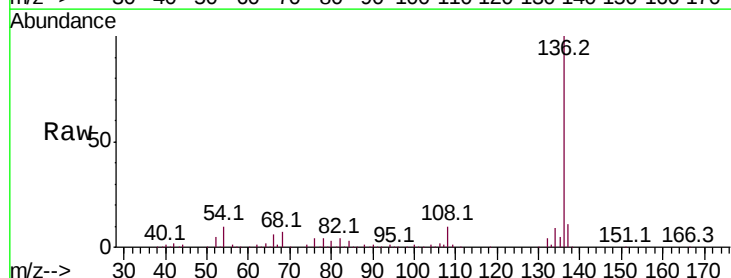
Ion Ratio Lower Upper

136 100

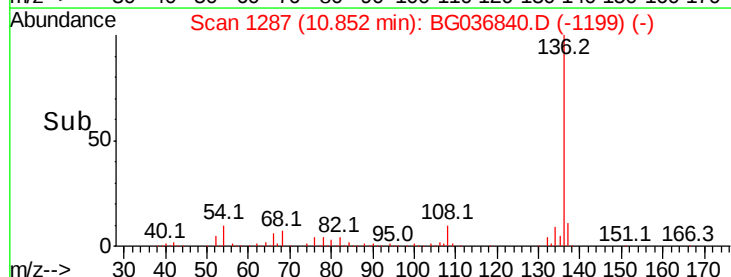
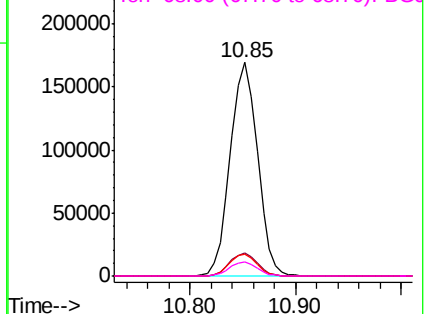
137 10.7 8.8 13.2

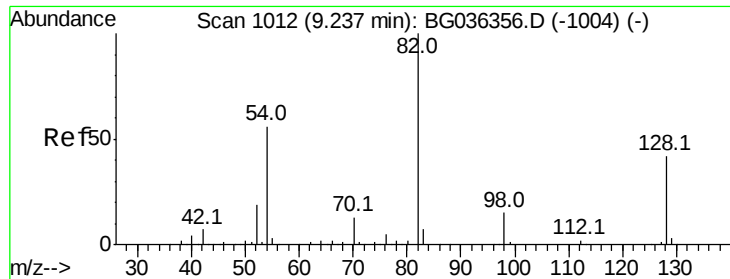
54 10.2 9.2 13.8

68 6.9 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

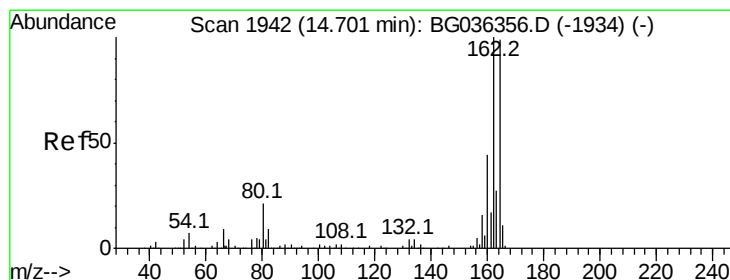
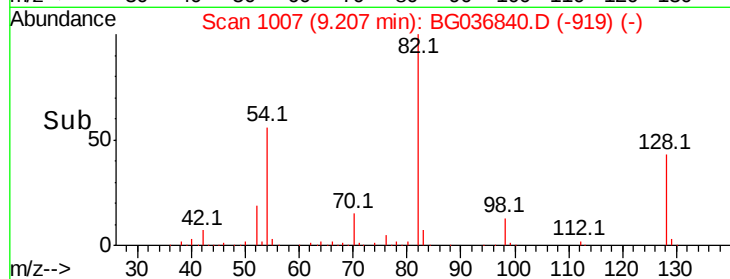
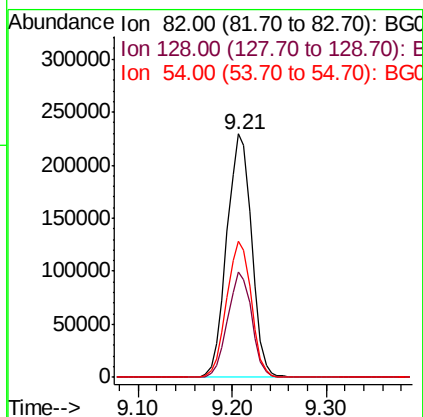
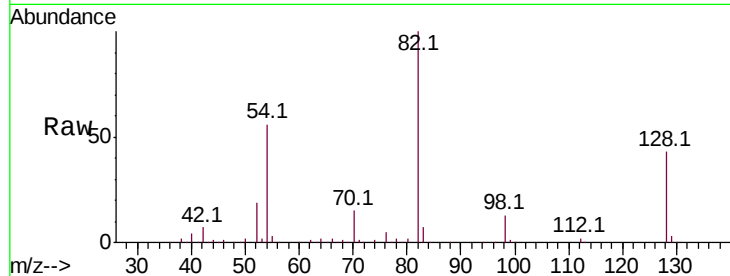




#23
 Nitrobenzene-d5
 Concen: 75.344 ng
 RT: 9.21 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG036840.D
 Acq: 20 Sep 2018 8:51

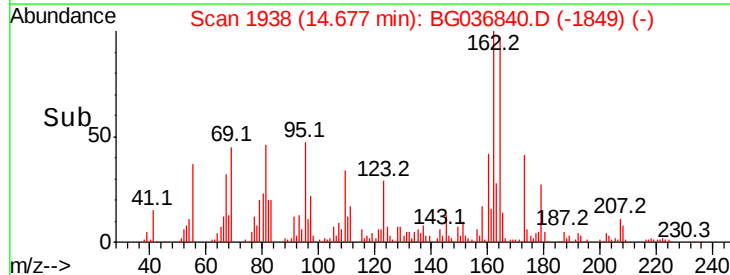
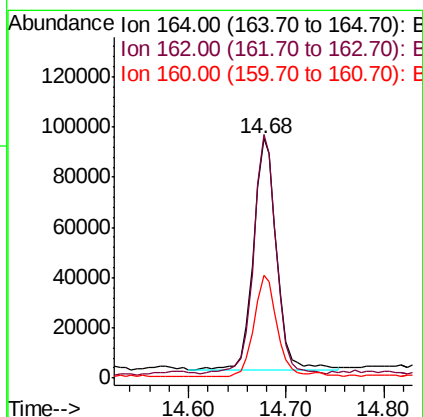
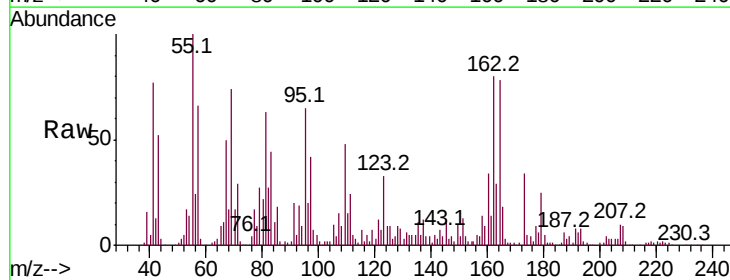
Instrument :
 BNA_G
 ClientSampleID :
 VNJ-202

Tot Ion	82	Resp	421203
Ion Ratio	100		
Lower	33.3		
Upper	49.9		
54	55.8	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036840.D
 Acq: 20 Sep 2018 8:51

Tgt Ion	164	Resp	156442
Ion Ratio	100		
Lower	80.7		
Upper	121.1		
162	101.6	35.3	52.9

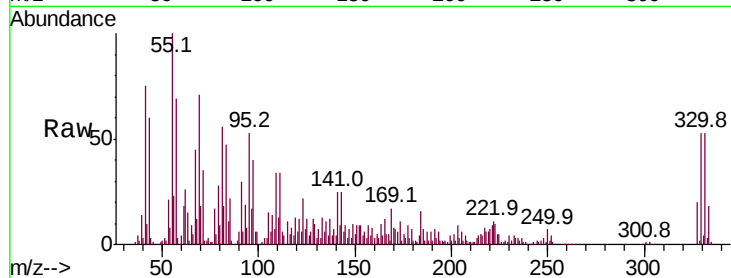




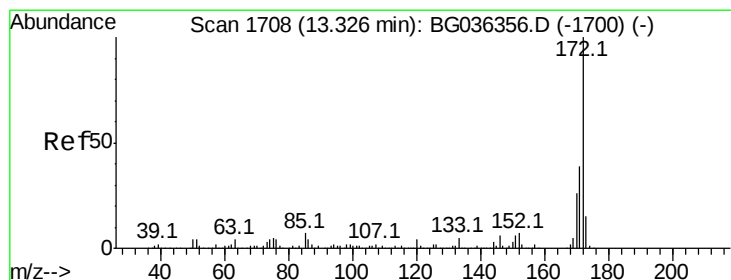
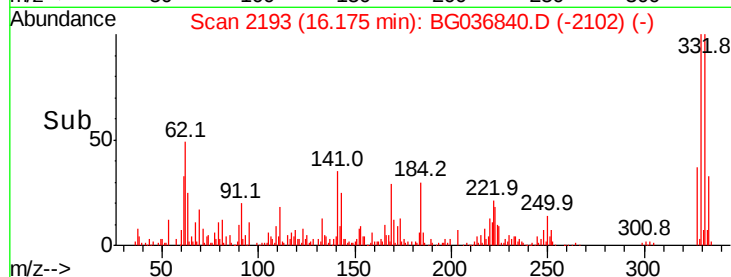
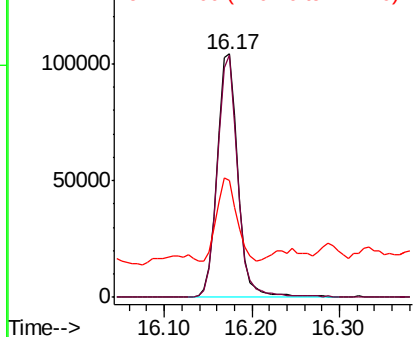
#41
2,4,6-Tribromophenol
Concen: 92.545 ng
RT: 16.17 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BG036840.D
Acq: 20 Sep 2018 8:51

Instrument :
BNA_G
ClientSampleId :
VNJ-202

Tot Ion:330 Resp: 172754
Ion Ratio Lower Upper
330 100
332 96.3 75.4 113.2
141 33.0 30.7 46.1

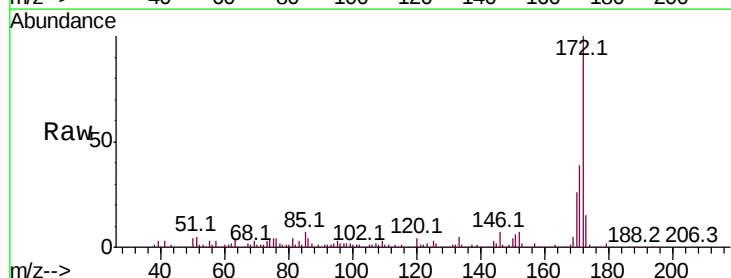


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

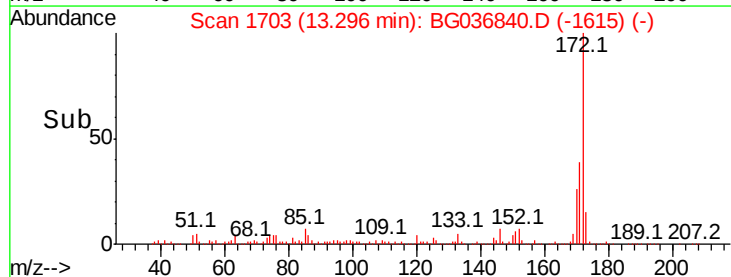
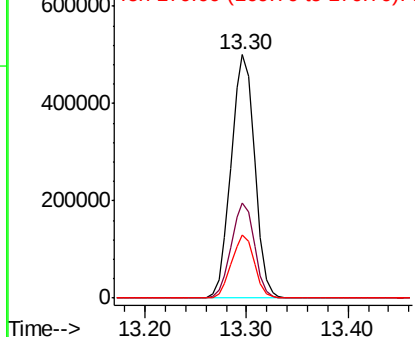


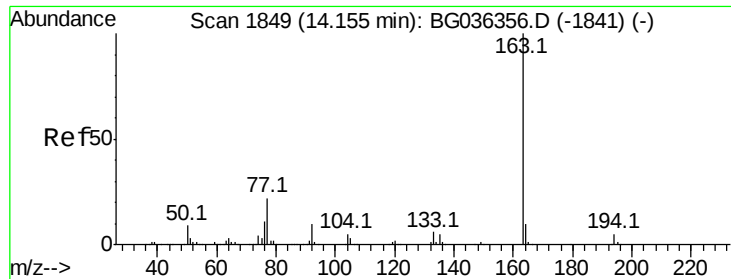
#44
2-Fluorobiphenyl
Concen: 74.093 ng
RT: 13.30 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG036840.D
Acq: 20 Sep 2018 8:51

Tgt Ion:172 Resp: 811811
Ion Ratio Lower Upper
172 100
171 39.1 31.3 46.9
170 25.9 21.0 31.6



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: 8.003 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BG036840.D

Acq: 20 Sep 2018 8:51

Instrument :

BNA_G

ClientSampleID :

VNJ-202

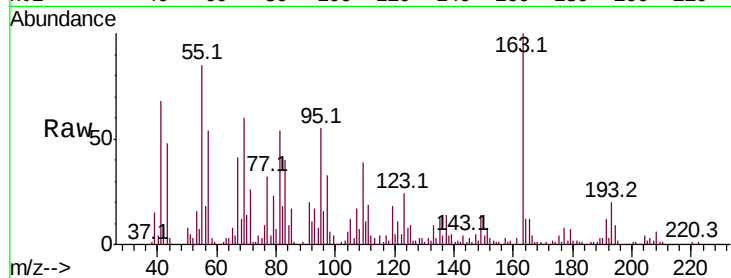
Tot Ion:163 Resp: 102237

Ion Ratio Lower Upper

163 100

194 9.4 4.0 6.0#

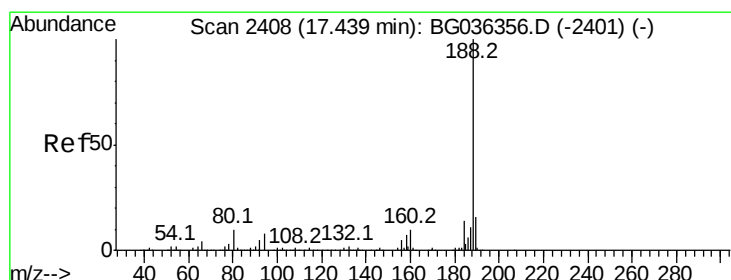
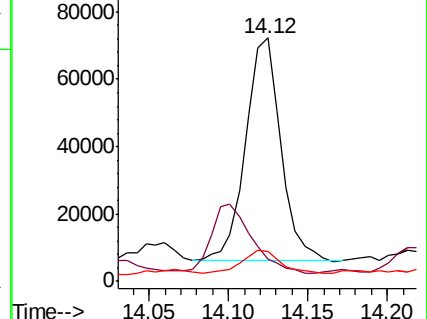
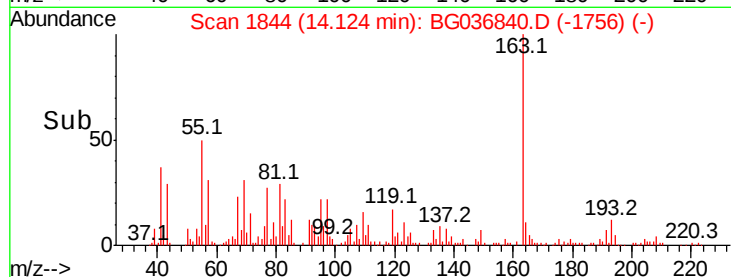
164 12.4 8.1 12.1#



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: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. 0.00 min

Lab File: BG036840.D

Acq: 20 Sep 2018 8:51

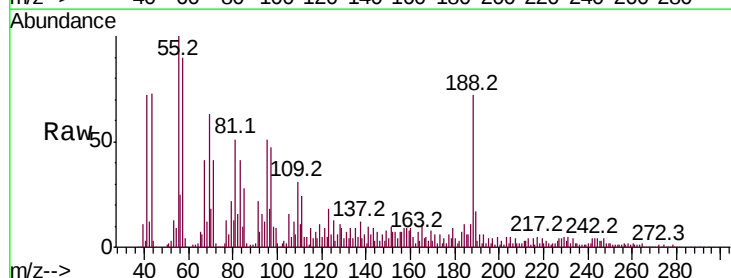
Tgt Ion:188 Resp: 290240

Ion Ratio Lower Upper

188 100

94 16.1 6.7 10.1#

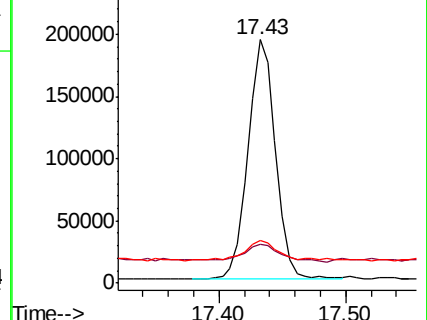
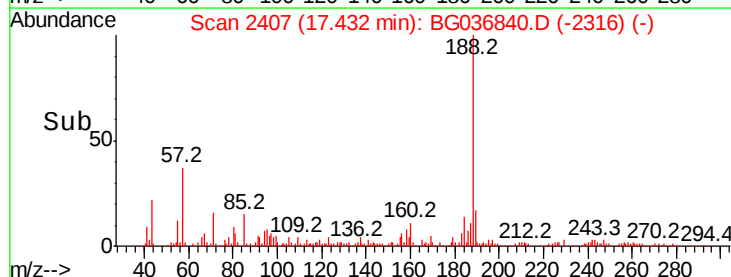
80 17.7 8.1 12.1#

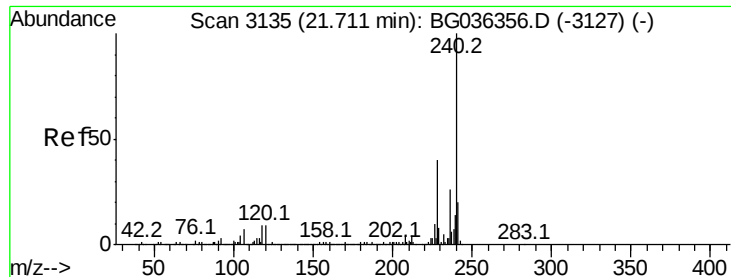


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3133

Delta R.T. 0.00 min

Lab File: BG036840.D

Acq: 20 Sep 2018 8:51

Instrument :

BNA_G

ClientSampled :

VNJ-202

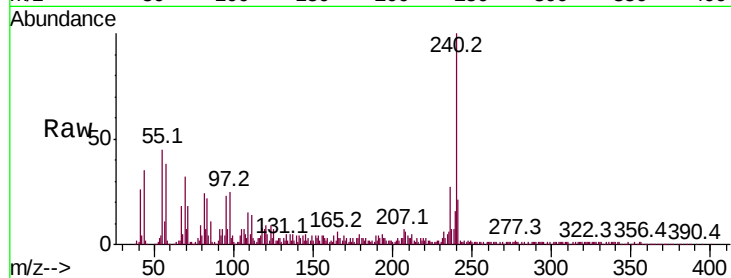
Tot Ion:240 Resp: 311877

Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

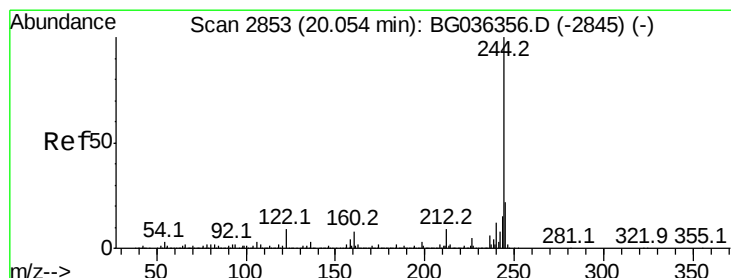
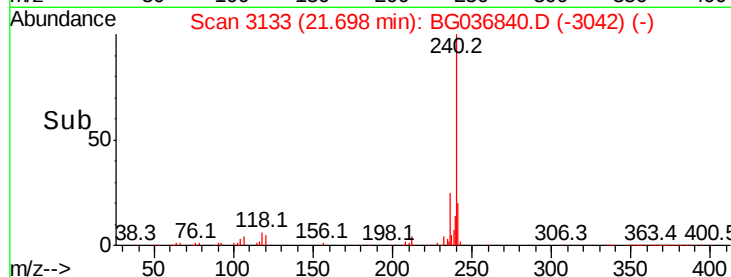
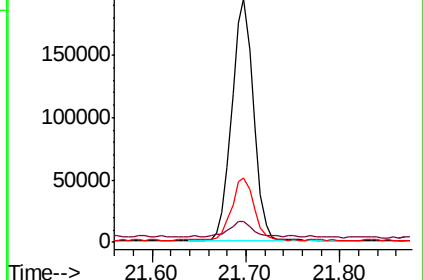
236 26.6 21.2 31.8



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: 71.777 ng

RT: 20.04 min Scan# 2851

Delta R.T. 0.01 min

Lab File: BG036840.D

Acq: 20 Sep 2018 8:51

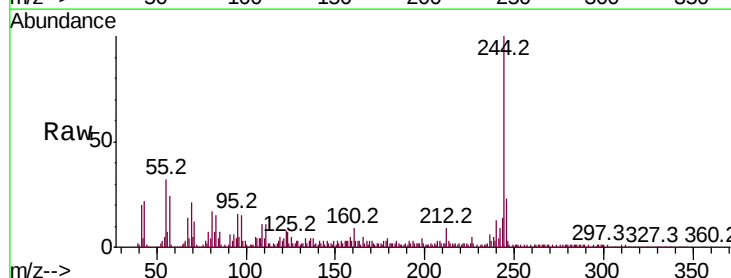
Tgt Ion:244 Resp: 957742

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

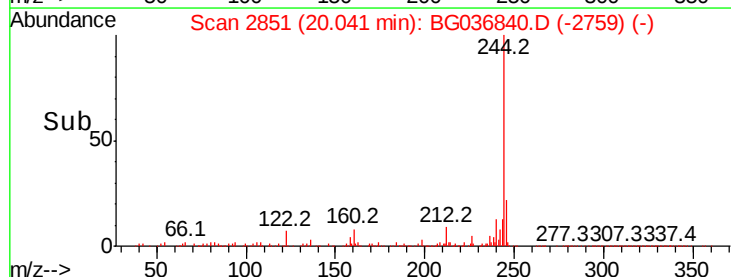
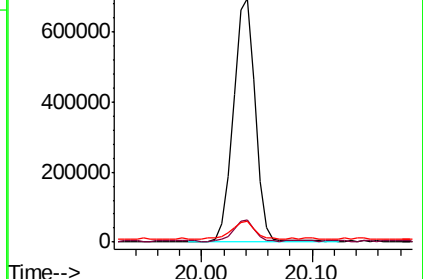
122 8.3 7.1 10.7

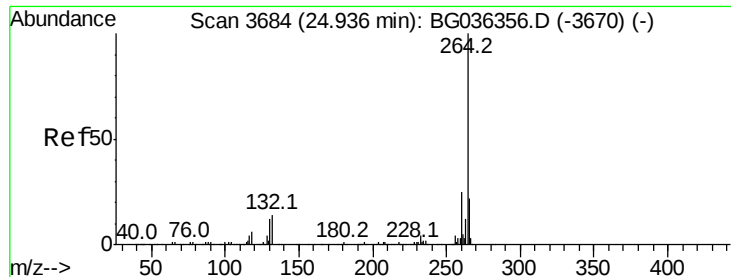


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

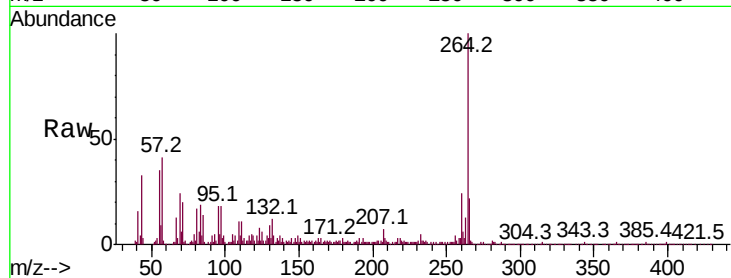




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG036840.D
Acq: 20 Sep 2018 8:51

Instrument :
BNA_G
ClientSampleId :
VNJ-202

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	22.1	17.4	26.0



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

