

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061918\
 Data File : BG035254.D
 Acq On : 19 Jun 2018 19:00
 Operator : SJ/JU
 Sample : J3546-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 061418-DBRC-F-U-B

Quant Time: Jun 19 22:32:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

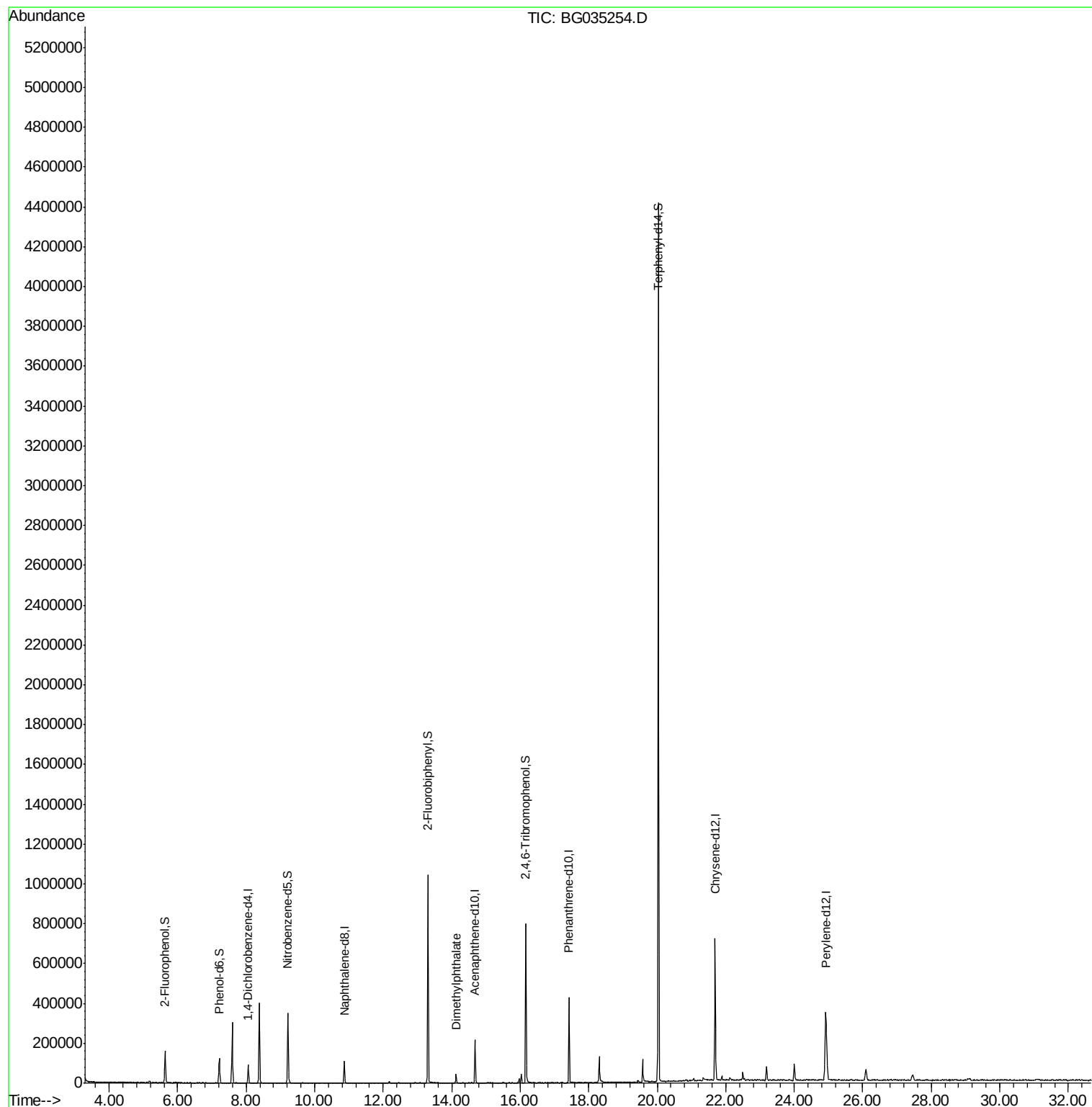
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	24469	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	95764	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	72522	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	262371	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	462958	20.00	ng	-0.03
86) Perylene-d12	24.92	264	388226	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	78392	54.07	ng	-0.01
7) Phenol-d6	7.22	99	78013	36.45	ng	0.00
23) Nitrobenzene-d5	9.22	82	238385	118.33	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	147141	158.49	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	572700	102.66	ng	-0.02
78) Terphenyl-d14	20.03	244	2057468	93.09	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.13	163	32732	5.176	ng	Qvalue # 96

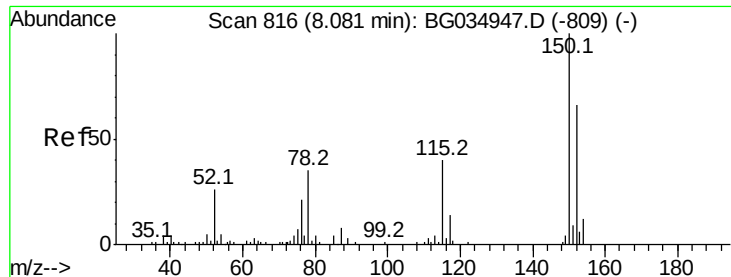
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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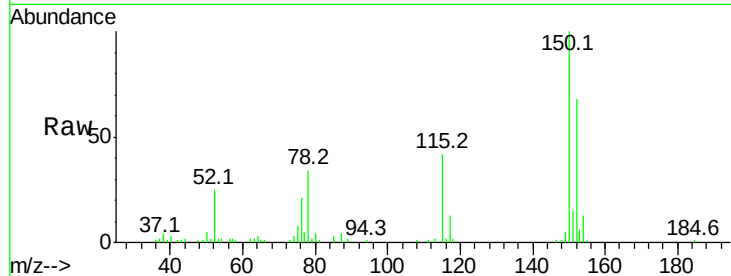


#1

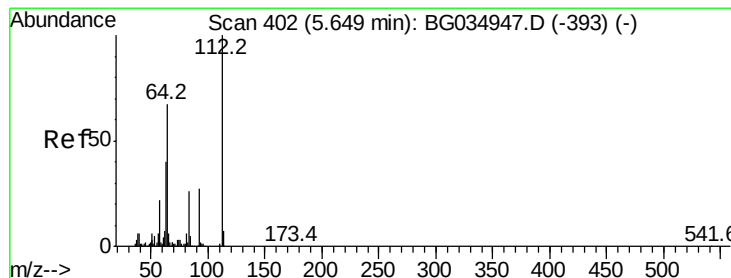
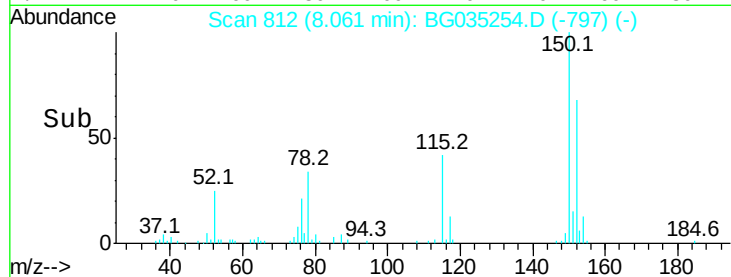
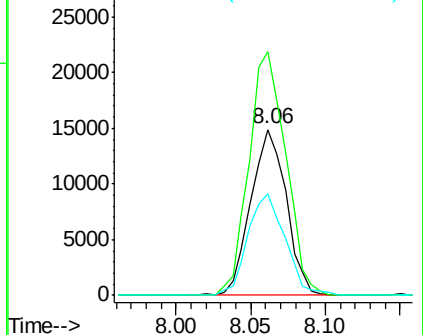
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG035254.D
Acq: 19 Jun 2018 19:00

Instrument :
BNA_G
ClientSampleId :
061418-DBRC-F-U-B

Tot Ion:152 Resp: 24469
Ion Ratio Lower Upper
152 100
150 147.0 126.6 189.8
115 61.3 53.0 79.4



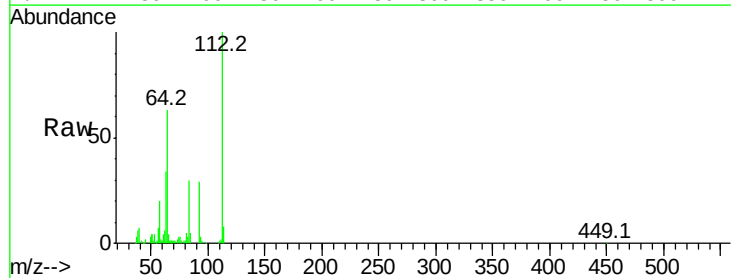
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



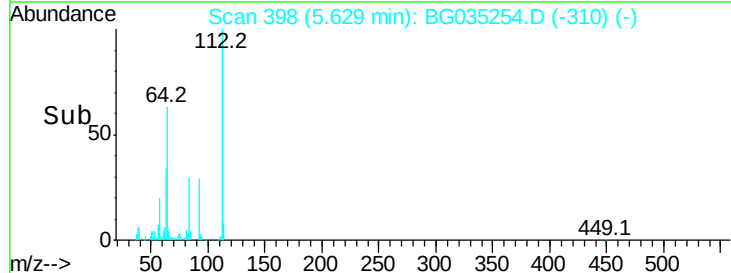
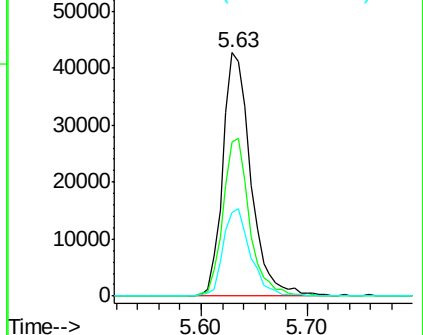
#5

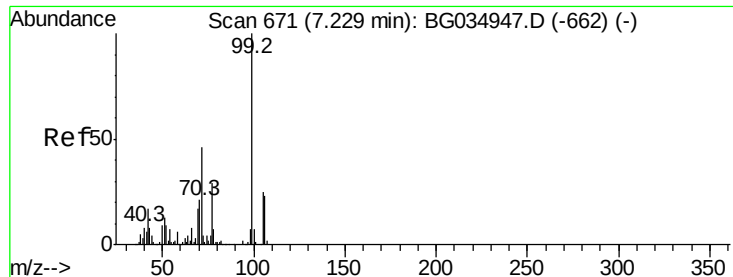
2-Fluorophenol
Concen: 54.066 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG035254.D
Acq: 19 Jun 2018 19:00

Tgt Ion:112 Resp: 78392
Ion Ratio Lower Upper
112 100
64 63.1 56.3 84.5
63 34.3 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 36.455 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035254.D

Acq: 19 Jun 2018 19:00

Instrument :

BNA_G

ClientSampleId :

061418-DBRC-F-U-B

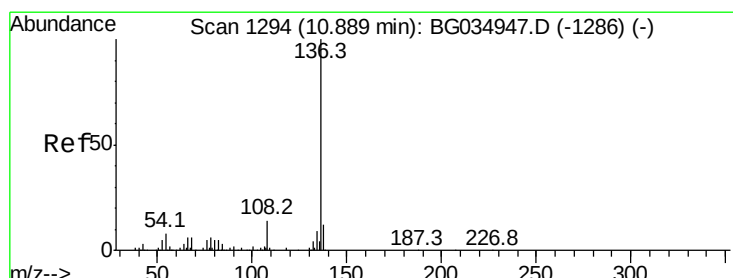
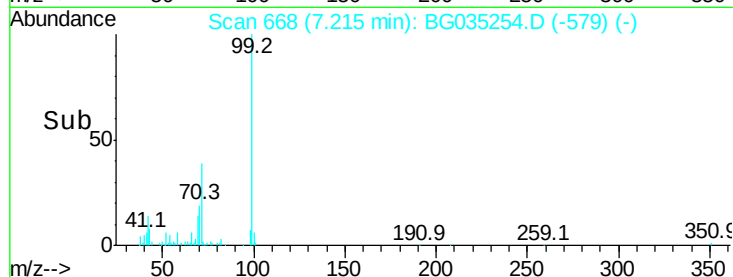
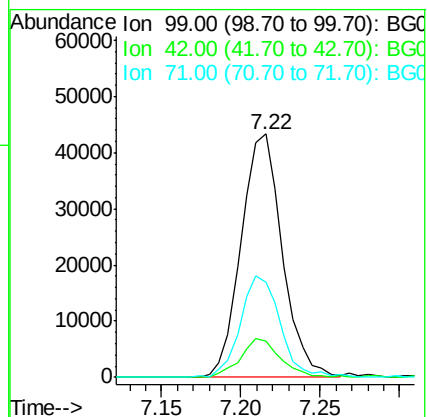
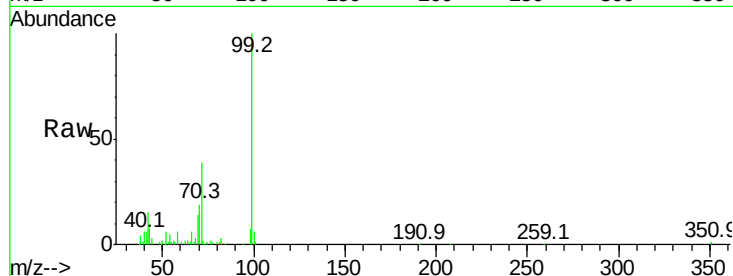
Tot Ion: 99 Resp: 78013

Ion Ratio Lower Upper

99 100

42 14.9 14.1 21.1

71 38.8 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG035254.D

Acq: 19 Jun 2018 19:00

Tgt Ion: 136 Resp: 95764

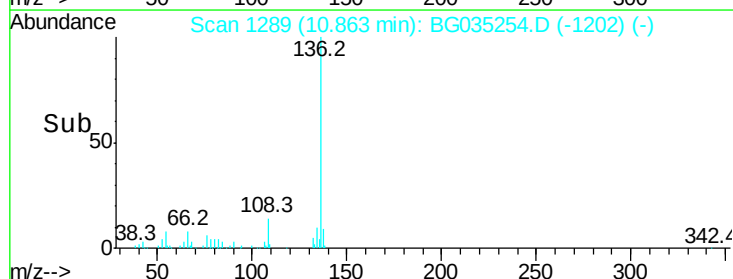
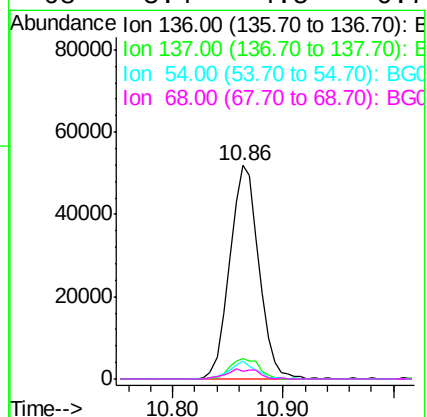
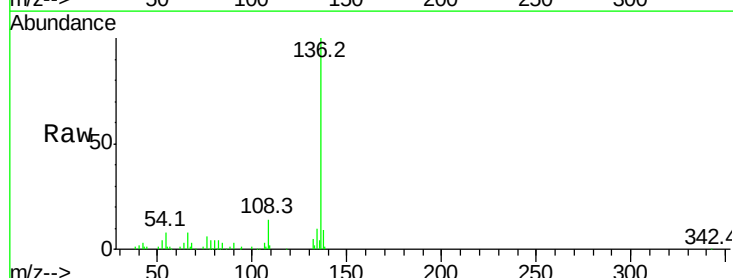
Ion Ratio Lower Upper

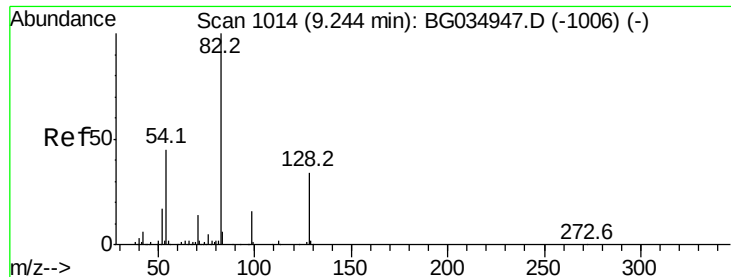
136 100

137 9.5 9.2 13.8

54 8.4 10.3 15.5#

68 3.4 4.5 6.7#

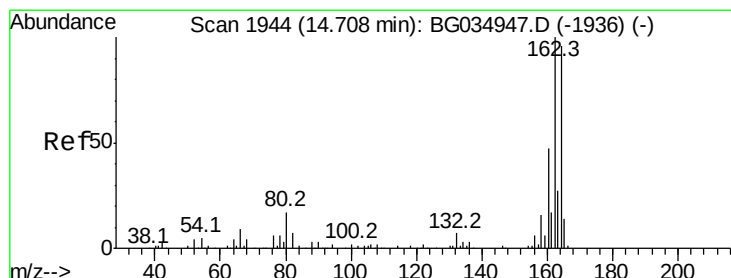
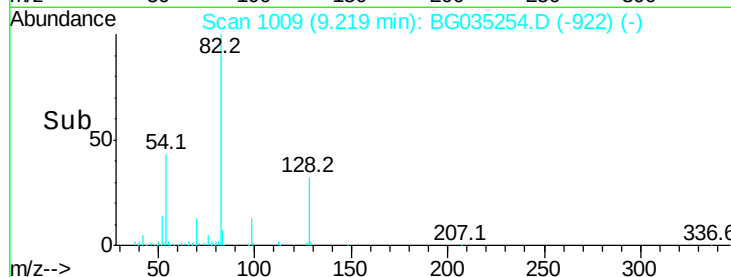
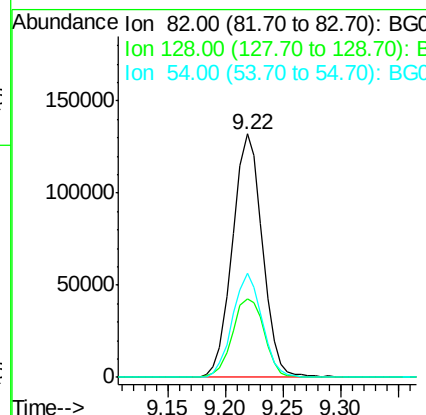
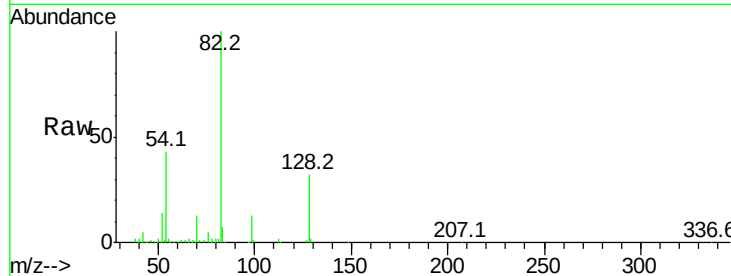




#23
 Nitrobenzene-d5
 Concen: 118.327 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035254.D
 Acq: 19 Jun 2018 19:00

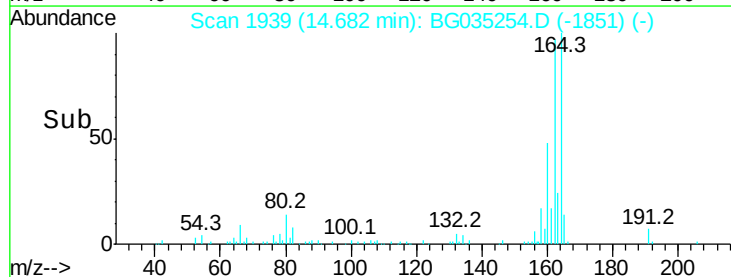
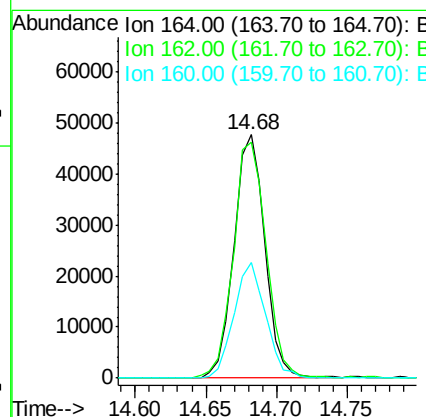
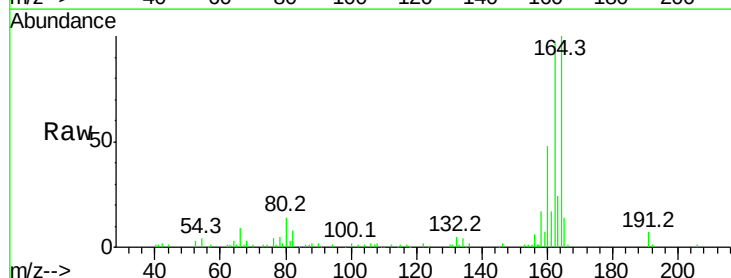
Instrument :
 BNA_G
 ClientSampleId :
 061418-DBRC-F-U-B

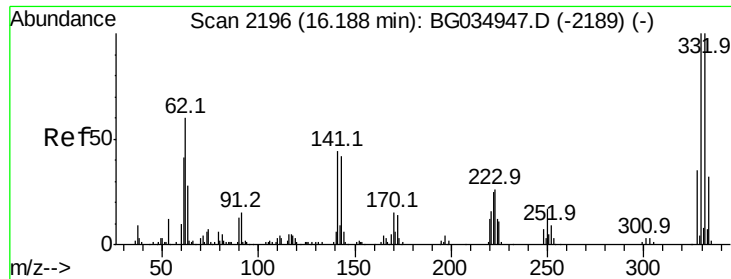
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.1	29.7	44.5
54	42.7	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BG035254.D
 Acq: 19 Jun 2018 19:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.1	78.8	118.2
160	47.6	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 158.493 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035254.D

Acq: 19 Jun 2018 19:00

Instrument :

BNA_G

ClientSampleId :

061418-DBRC-F-U-B

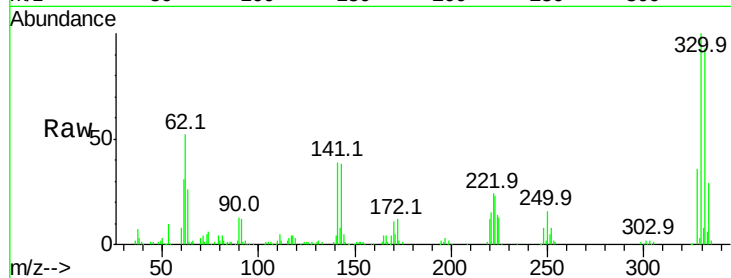
Tot Ion:330 Resp: 147141

Ion Ratio Lower Upper

330 100

332 94.5 77.0 115.6

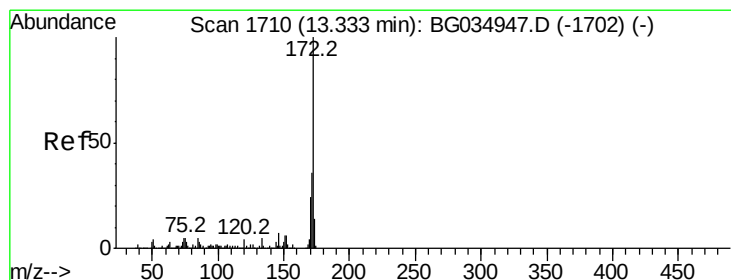
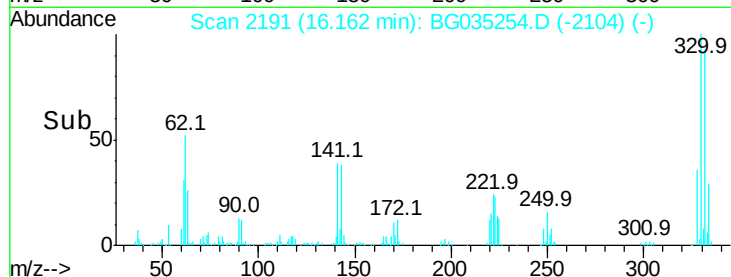
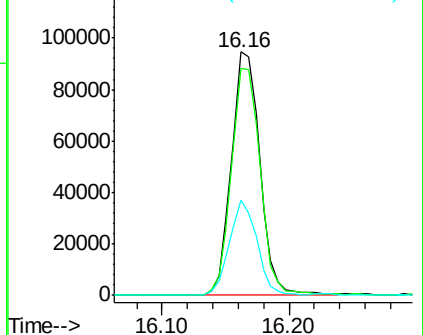
141 37.7 25.2 37.8



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: 102.660 ng

RT: 13.31 min Scan# 1705

Delta R.T. -0.02 min

Lab File: BG035254.D

Acq: 19 Jun 2018 19:00

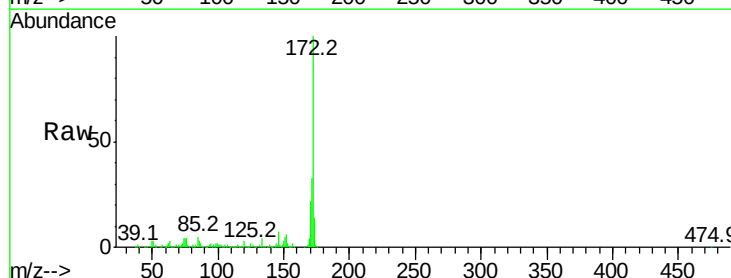
Tgt Ion:172 Resp: 572700

Ion Ratio Lower Upper

172 100

171 32.5 30.0 45.0

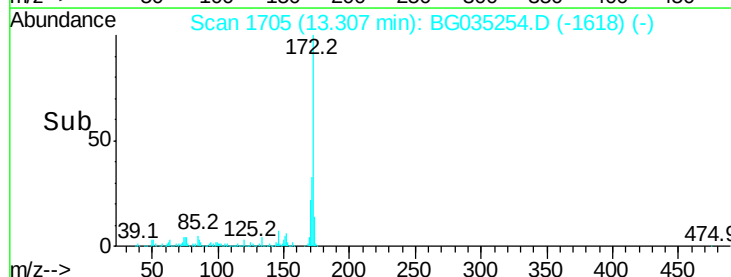
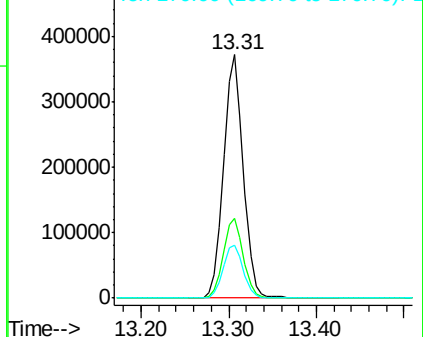
170 21.8 19.5 29.3

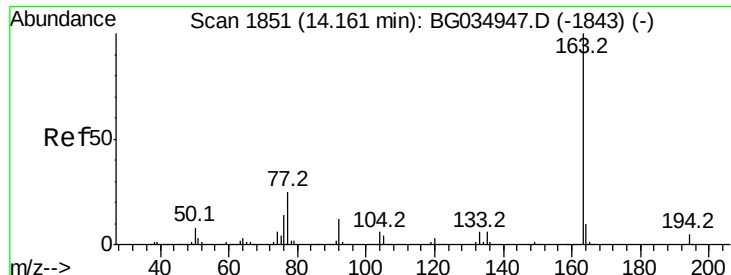


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.176 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.03 min

Lab File: BG035254.D

Acq: 19 Jun 2018 19:00

Instrument :

BNA_G

ClientSampleId :

061418-DBRC-F-U-B

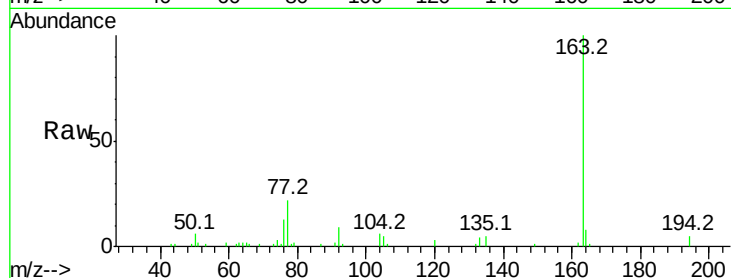
Tot Ion:163 Resp: 32732

Ion Ratio Lower Upper

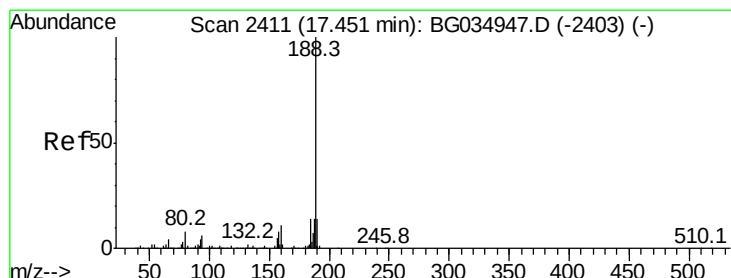
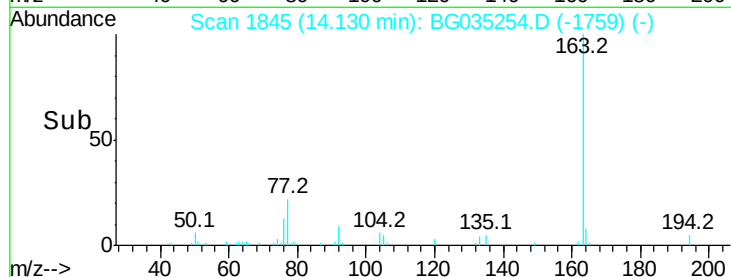
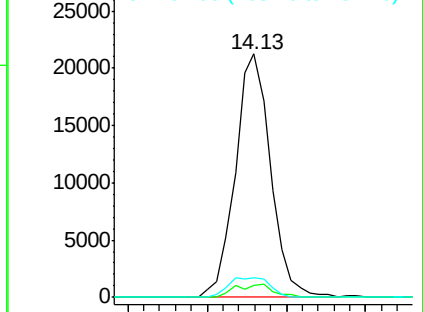
163 100

194 4.8 3.4 5.2

164 8.2 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: 20.000 ng

RT: 17.43 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BG035254.D

Acq: 19 Jun 2018 19:00

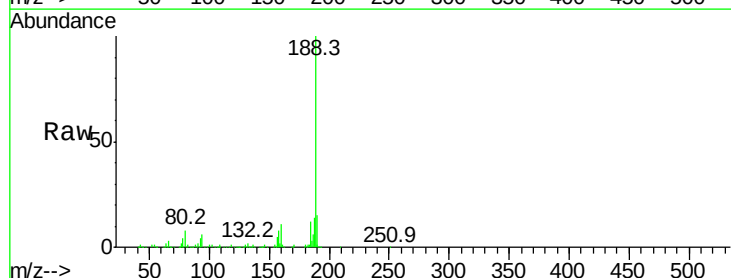
Tgt Ion:188 Resp: 262371

Ion Ratio Lower Upper

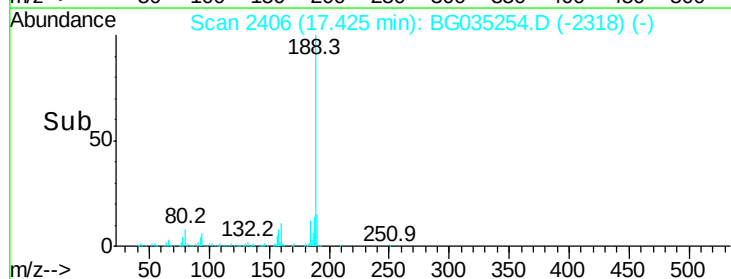
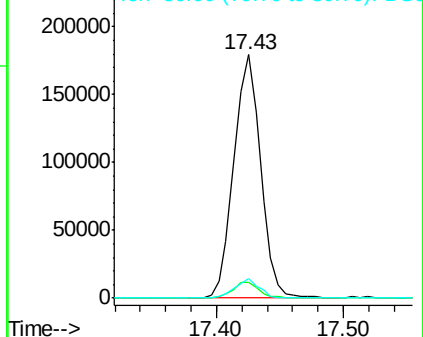
188 100

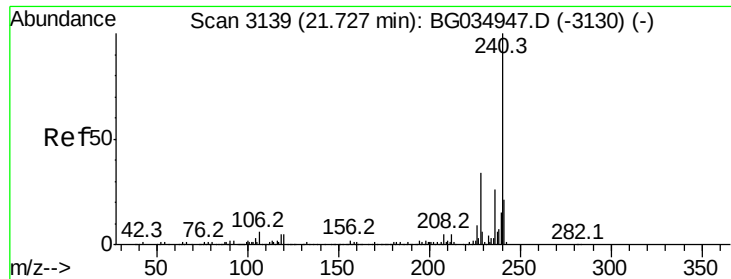
94 6.3 6.9 10.3#

80 8.1 7.7 11.5



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: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035254.D

Acq: 19 Jun 2018 19:00

Instrument :

BNA_G

ClientSampleId :

061418-DBRC-F-U-B

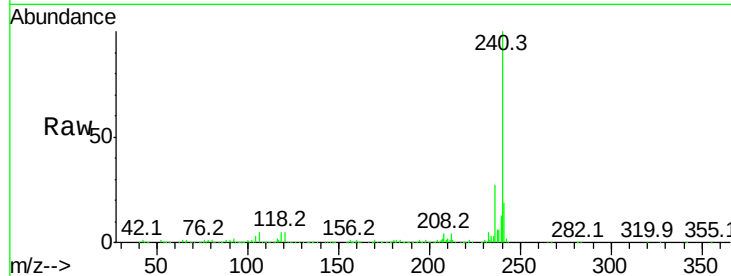
Tot Ion:240 Resp: 462958

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

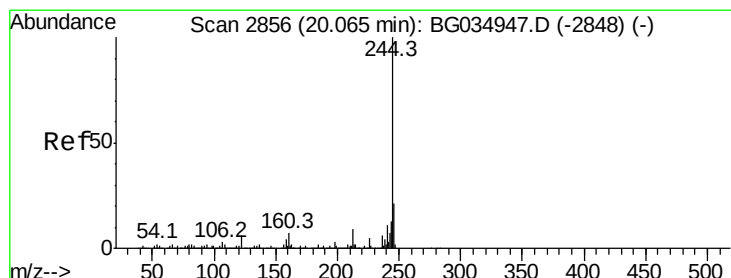
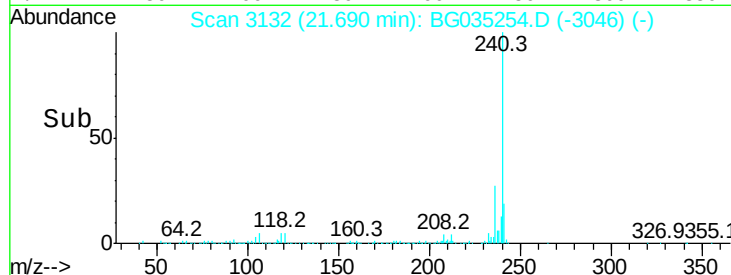
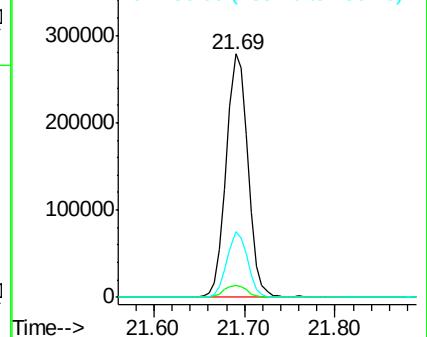
236 27.2 20.9 31.3



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: 93.091 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG035254.D

Acq: 19 Jun 2018 19:00

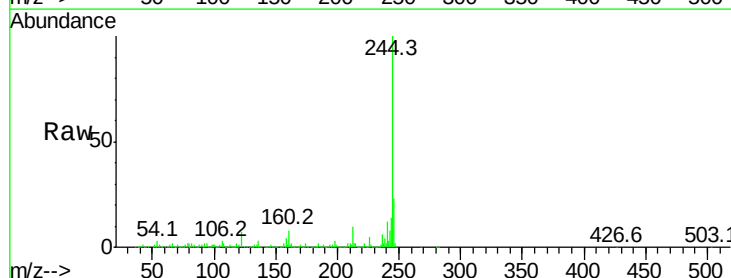
Tgt Ion:244 Resp: 2057468

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

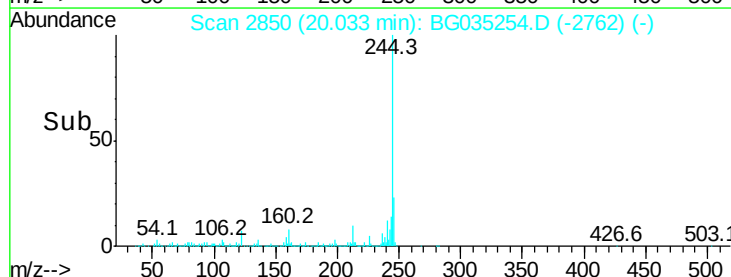
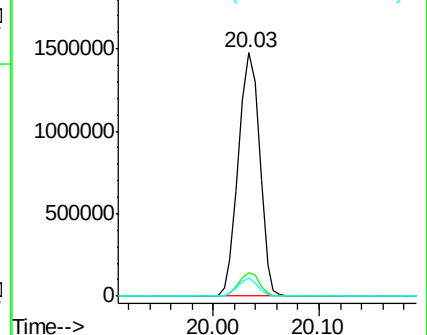
122 7.5 7.0 10.4

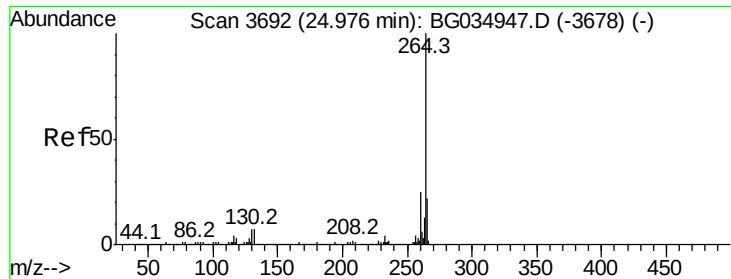


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.92 min Scan# 3682
 Delta R.T. -0.03 min
 Lab File: BG035254.D
 Acq: 19 Jun 2018 19:00

Instrument :
 BNA_G
 ClientSampleId :
 061418-DBRC-F-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	19.3	17.7	26.5

