

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062818\
 Data File : BG035502.D
 Acq On : 29 Jun 2018 6:39
 Operator : JU/SJ
 Sample : J3718-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-34

Quant Time: Jun 29 08:08:29 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

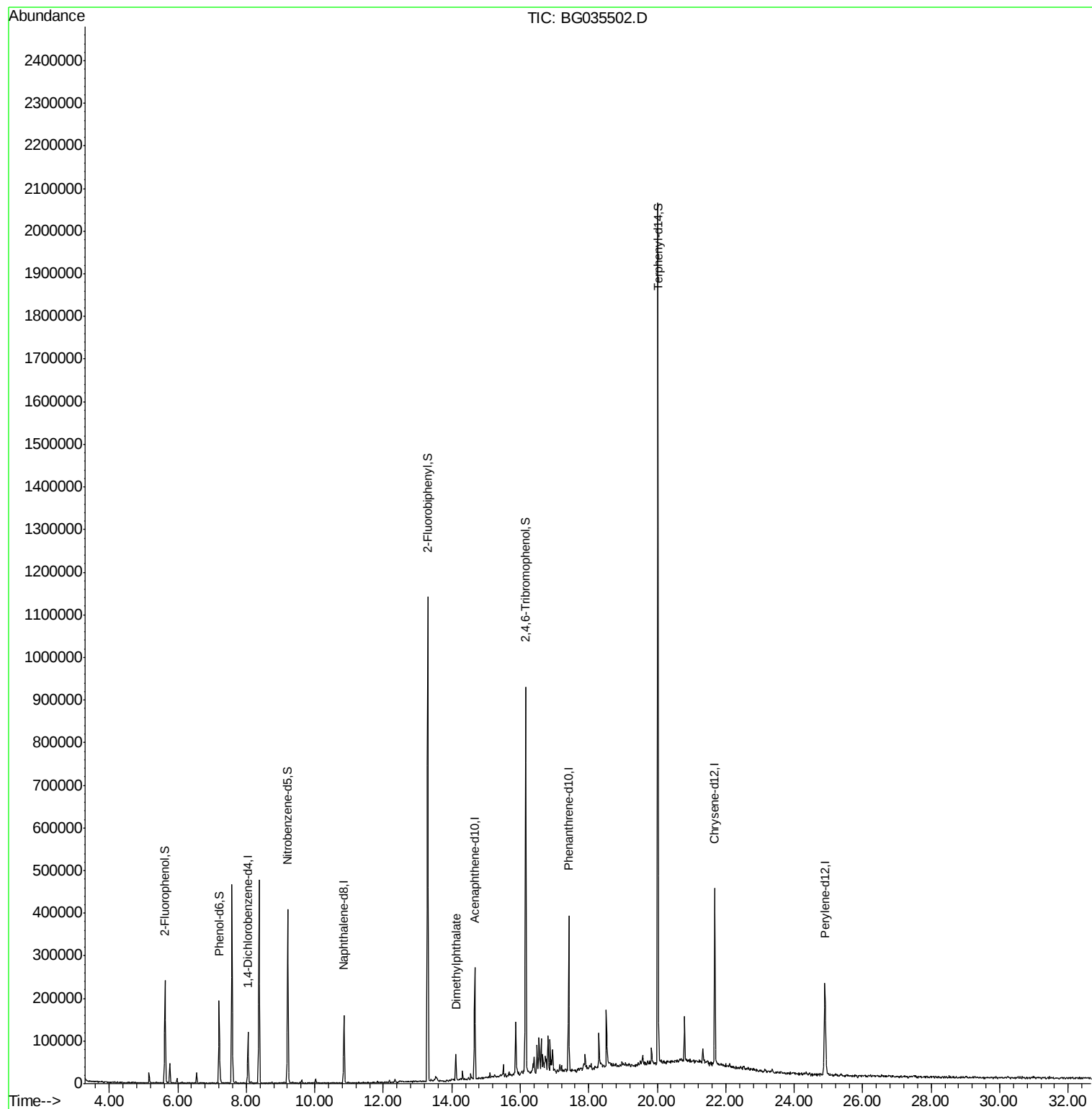
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	33545	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	130755	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	92229	20.00	ng	-0.03
63) Phenanthrene-d10	17.42	188	233182	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	261150	20.00	ng	-0.04
86) Perylene-d12	24.89	264	251127	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	106778	53.72	ng	-0.02
7) Phenol-d6	7.21	99	123483	42.09	ng	-0.01
23) Nitrobenzene-d5	9.21	82	272867	99.20	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	170692	144.57	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	625738	88.20	ng	-0.03
78) Terphenyl-d14	20.02	244	1017859	81.64	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.12	163	40471	5.032	ng	Qvalue # 95

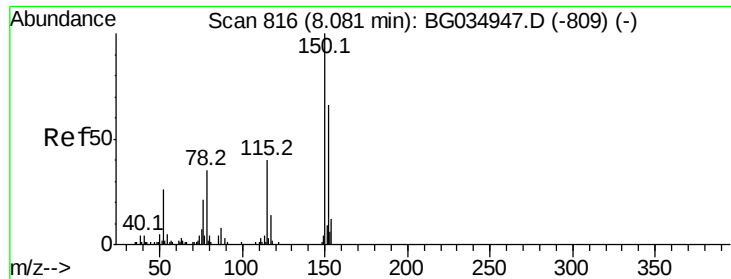
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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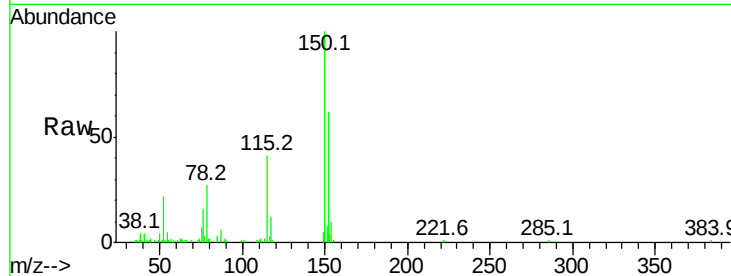


#1

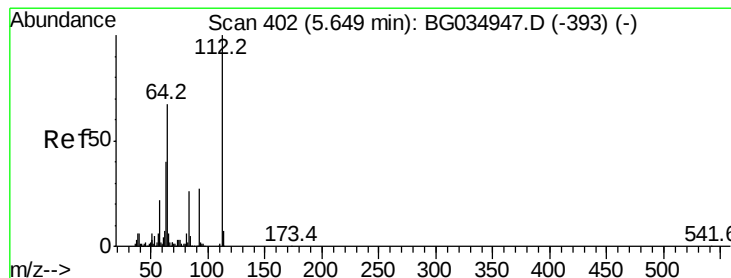
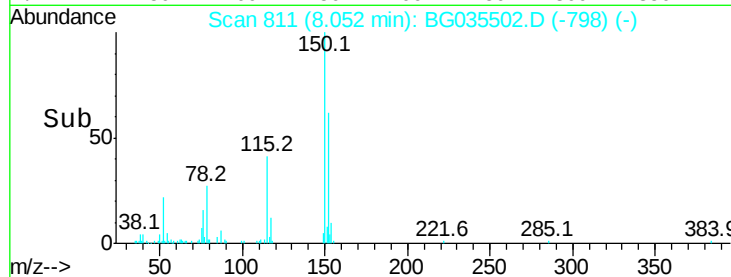
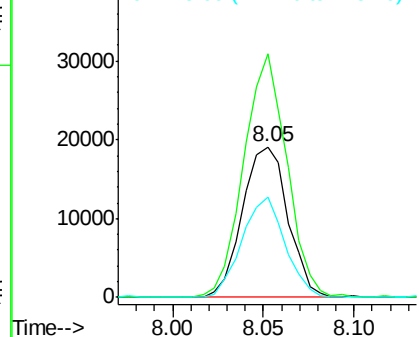
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035502.D
Acq: 29 Jun 2018 6:39

Instrument :
BNA_G
ClientSampleId :
W-34

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.1	126.6	189.8
115	66.6	53.0	79.4



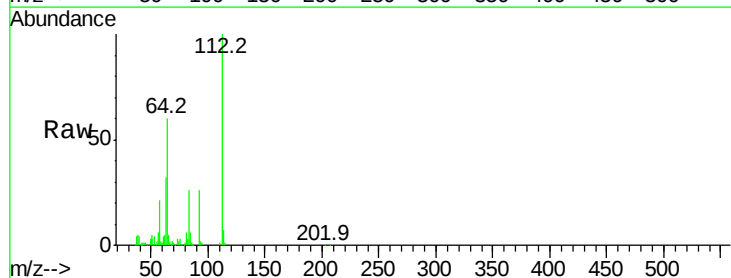
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



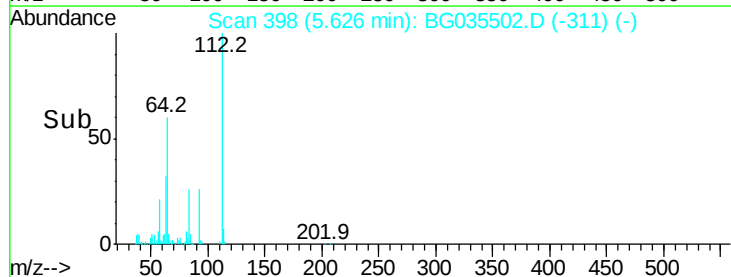
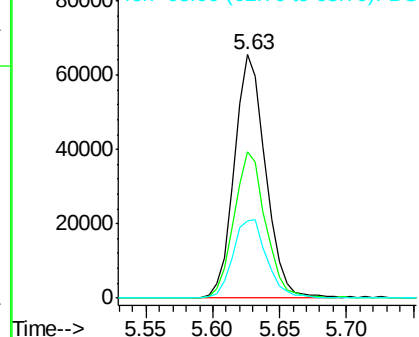
#5

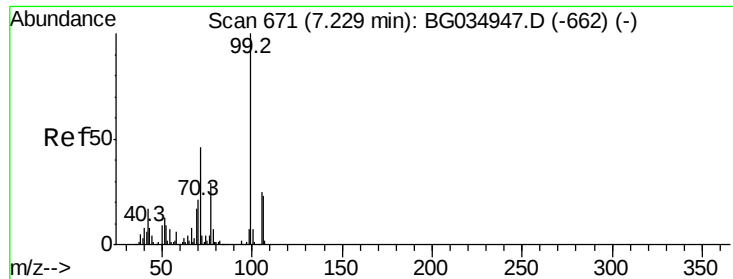
2-Fluorophenol
Concen: 53.719 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035502.D
Acq: 29 Jun 2018 6:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	56.3	84.5
63	31.9	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: 42.090 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035502.D

Acq: 29 Jun 2018 6:39

Instrument :

BNA_G

ClientSampleId :

W-34

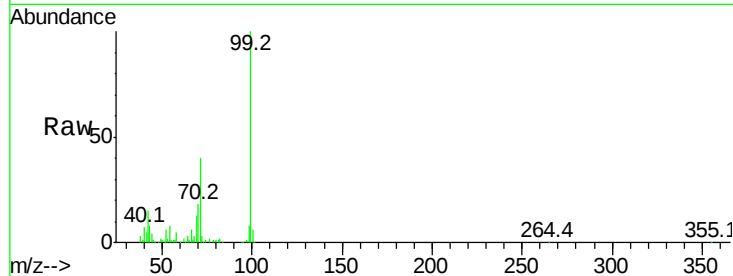
Tot Ion: 99 Resp: 123483

Ion Ratio Lower Upper

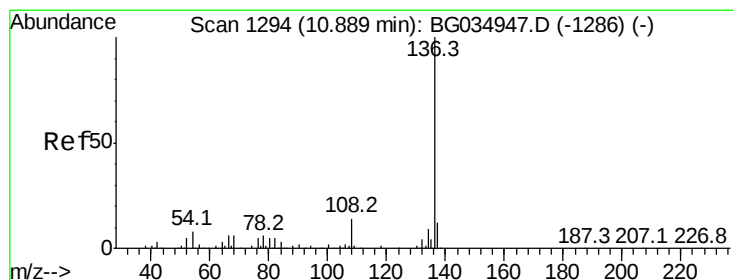
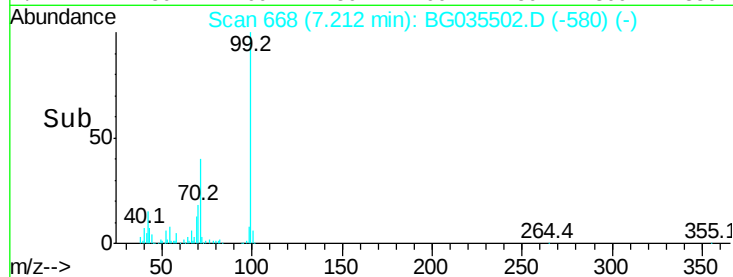
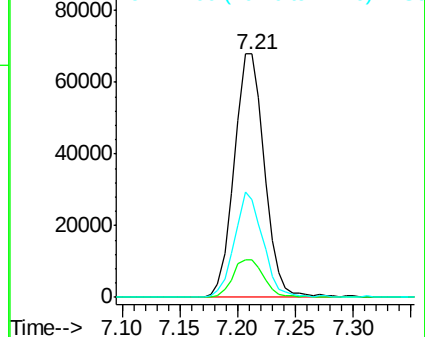
99 100

42 15.2 14.1 21.1

71 39.9 26.1 39.1#



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# 1288

Delta R.T. -0.03 min

Lab File: BG035502.D

Acq: 29 Jun 2018 6:39

Tgt Ion: 136 Resp: 130755

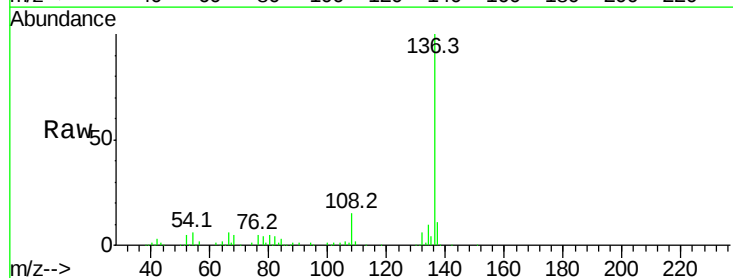
Ion Ratio Lower Upper

136 100

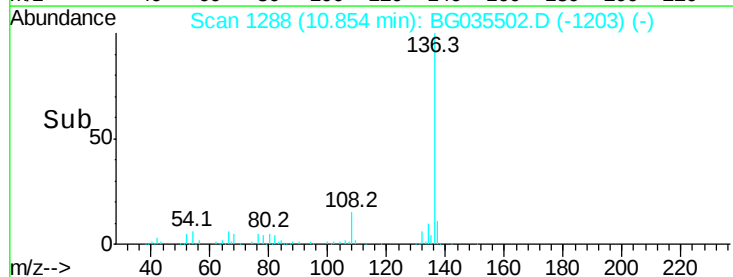
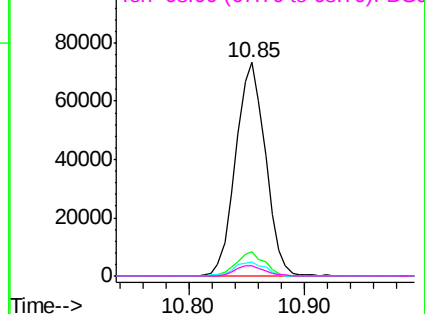
137 11.3 9.2 13.8

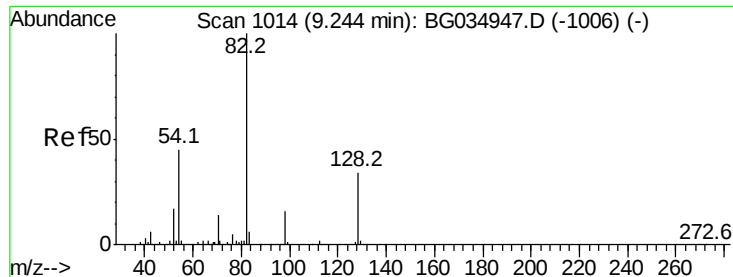
54 6.4 10.3 15.5#

68 4.6 4.5 6.7



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

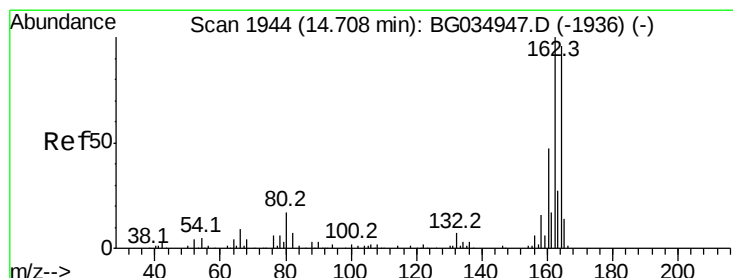
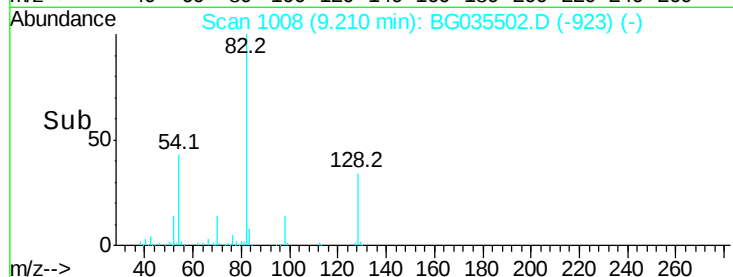
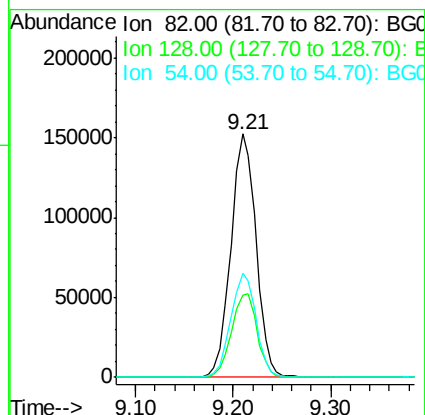
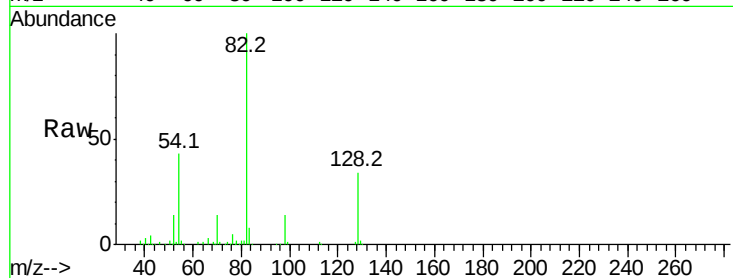




#23
Nitrobenzene-d5
Concen: 99.197 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG035502.D
Acq: 29 Jun 2018 6:39

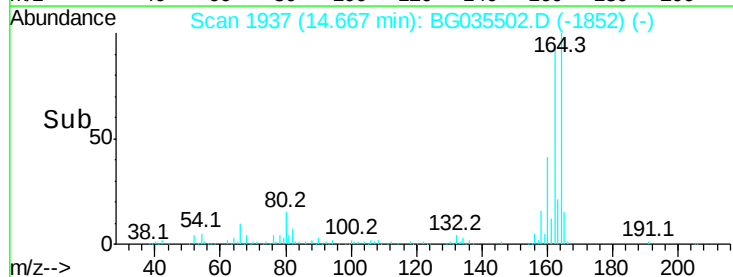
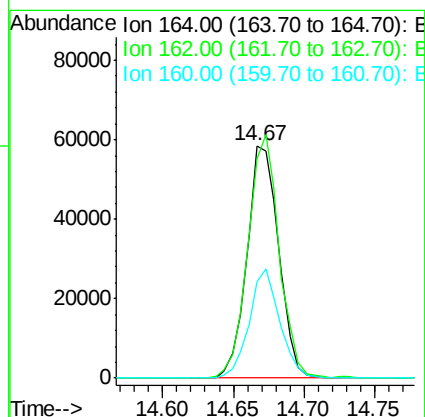
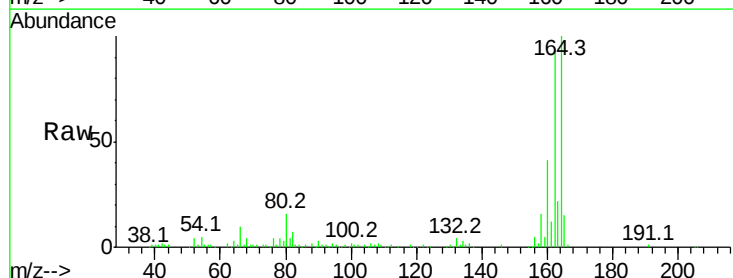
Instrument :
BNA_G
ClientSampled :
W-34

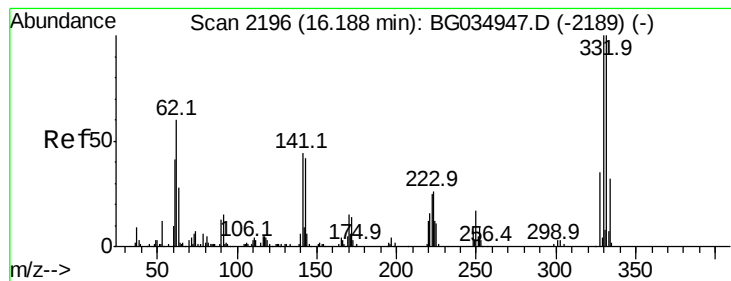
Tot Ion: 82 Resp: 272867
Ion Ratio Lower Upper
82 100
128 33.7 29.7 44.5
54 42.8 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.03 min
Lab File: BG035502.D
Acq: 29 Jun 2018 6:39

Tgt Ion: 164 Resp: 92229
Ion Ratio Lower Upper
164 100
162 94.3 78.8 118.2
160 41.5 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 144.575 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035502.D

Acq: 29 Jun 2018 6:39

Instrument :

BNA_G

ClientSampleId :

W-34

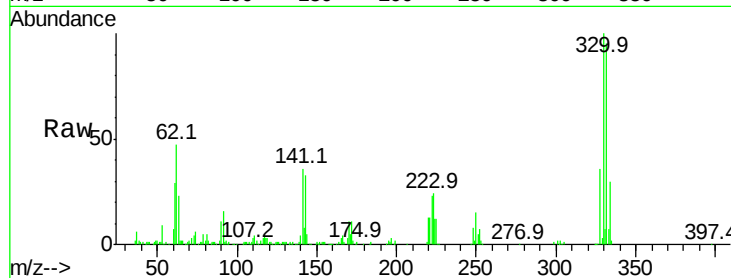
Tot Ion:330 Resp: 170692

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

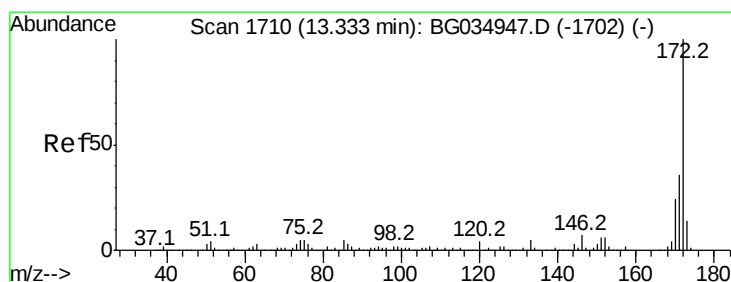
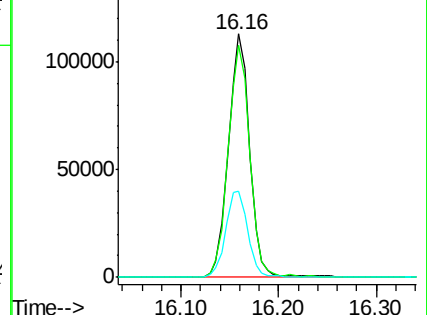
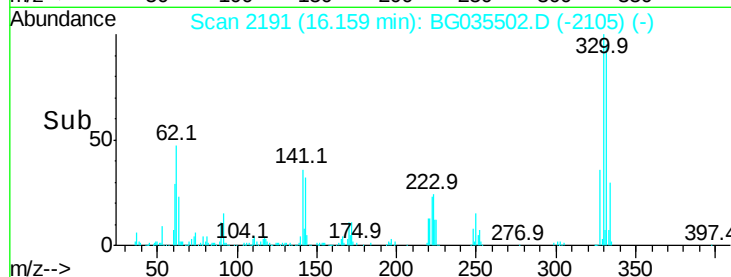
141 37.0 25.2 37.8



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: 88.200 ng

RT: 13.30 min Scan# 1704

Delta R.T. -0.03 min

Lab File: BG035502.D

Acq: 29 Jun 2018 6:39

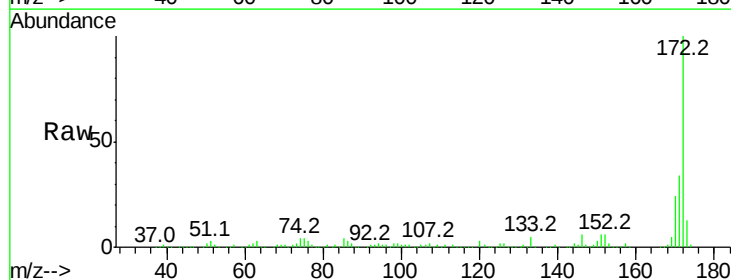
Tgt Ion:172 Resp: 625738

Ion Ratio Lower Upper

172 100

171 33.7 30.0 45.0

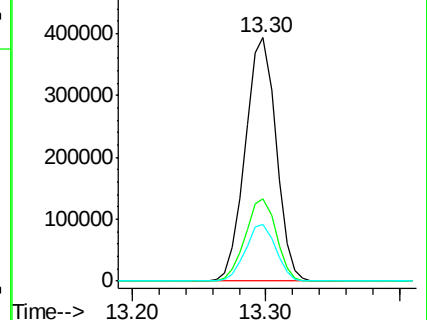
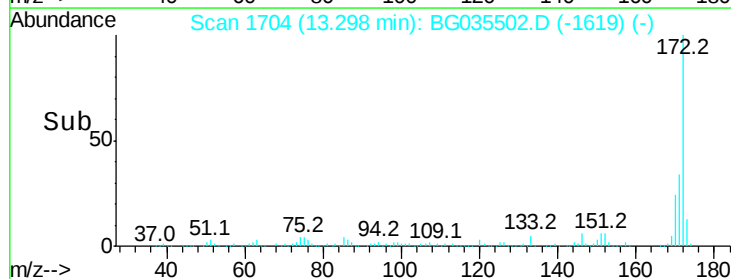
170 23.5 19.5 29.3

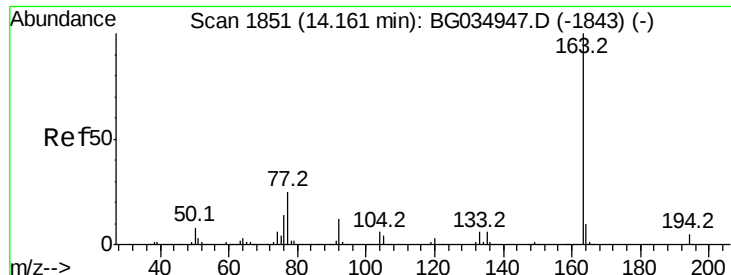


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.032 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.04 min

Lab File: BG035502.D

Acq: 29 Jun 2018 6:39

Instrument :

BNA_G

ClientSampleId :

W-34

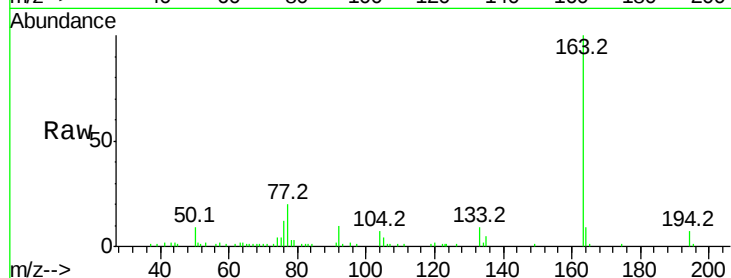
Tot Ion:163 Resp: 40471

Ion Ratio Lower Upper

163 100

194 7.0 3.4 5.2#

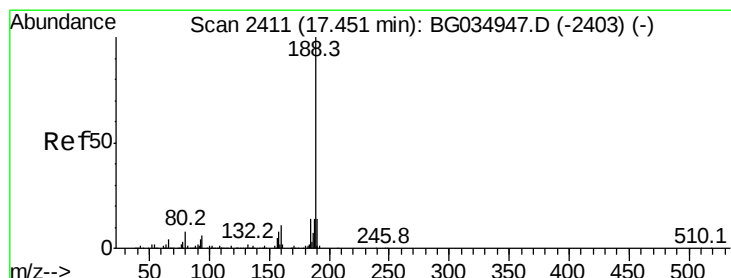
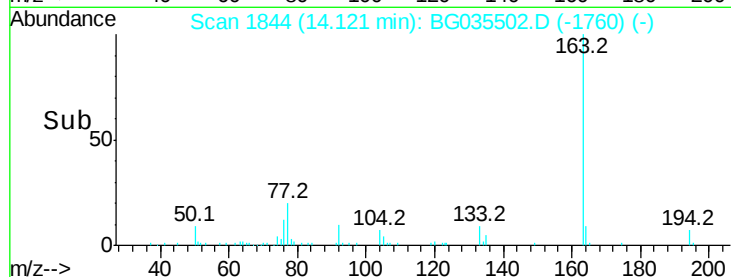
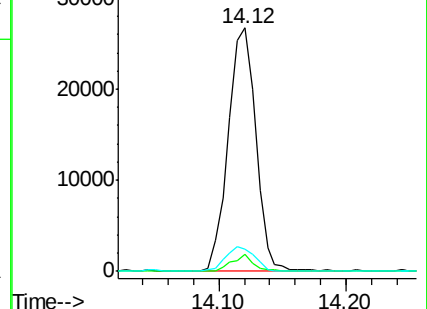
164 9.1 8.2 12.4



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: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035502.D

Acq: 29 Jun 2018 6:39

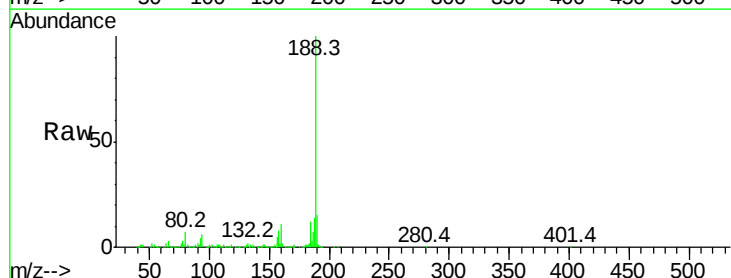
Tgt Ion:188 Resp: 233182

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

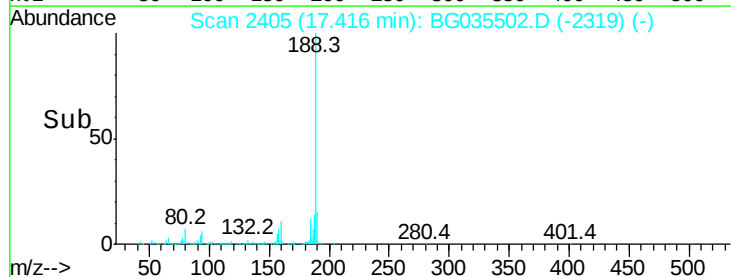
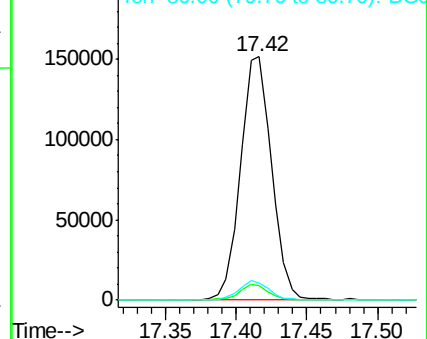
80 7.2 7.7 11.5#

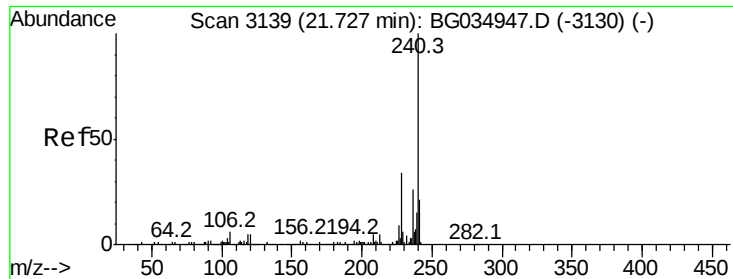


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035502.D

Acq: 29 Jun 2018 6:39

Instrument :

BNA_G

ClientSampleId :

W-34

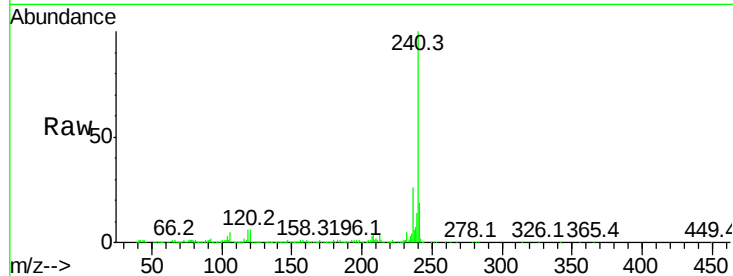
Tot Ion:240 Resp: 261150

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

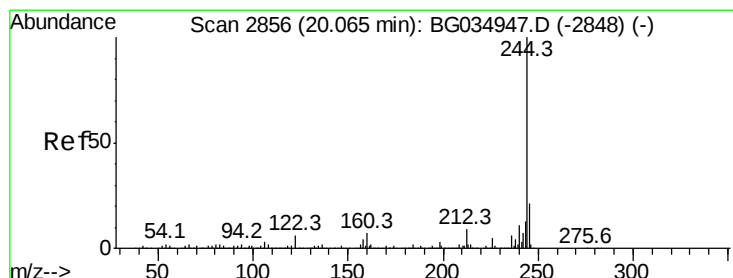
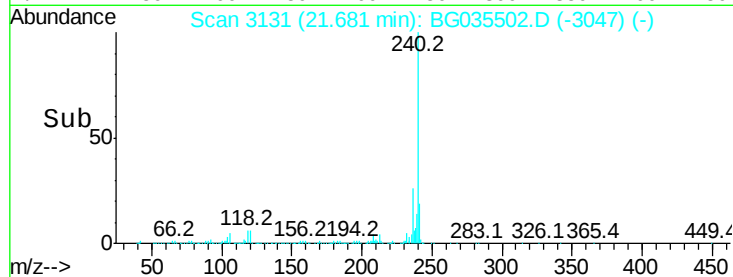
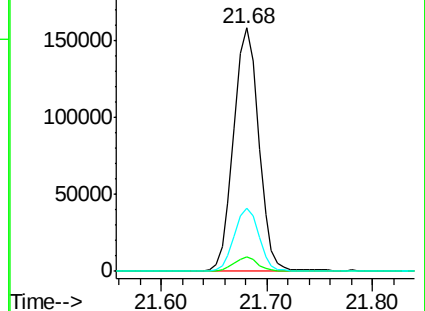
236 26.1 20.9 31.3



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: 81.642 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035502.D

Acq: 29 Jun 2018 6:39

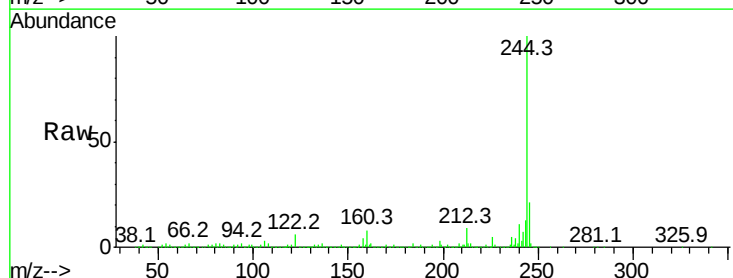
Tgt Ion:244 Resp: 1017859

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

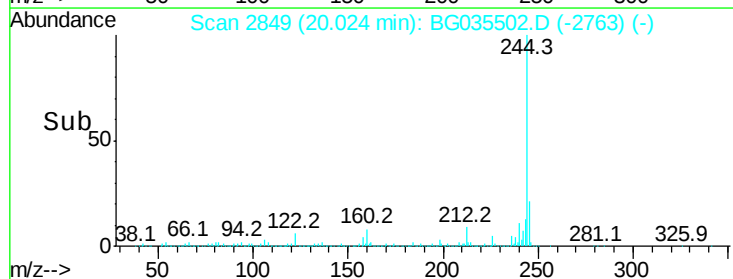
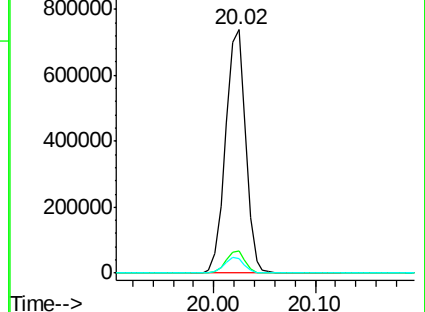
122 6.1 7.0 10.4#

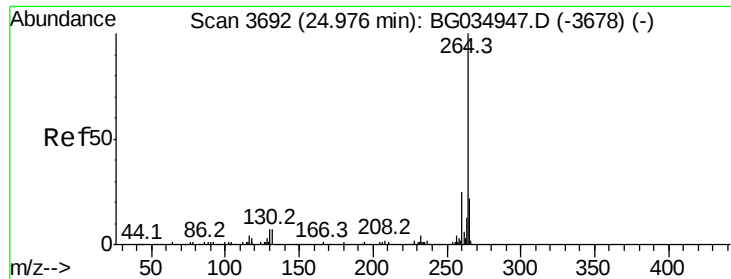


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.89 min Scan# 3678
 Delta R.T. -0.06 min
 Lab File: BG035502.D
 Acq: 29 Jun 2018 6:39

Instrument :
 BNA_G
 ClientSampleId :
 W-34

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.7	17.7	26.5

