

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
 Data File : BG035903.D
 Acq On : 26 Jul 2018 10:45
 Operator : JU/SJ
 Sample : J3821-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-072418-A

Quant Time: Jul 26 13:37:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

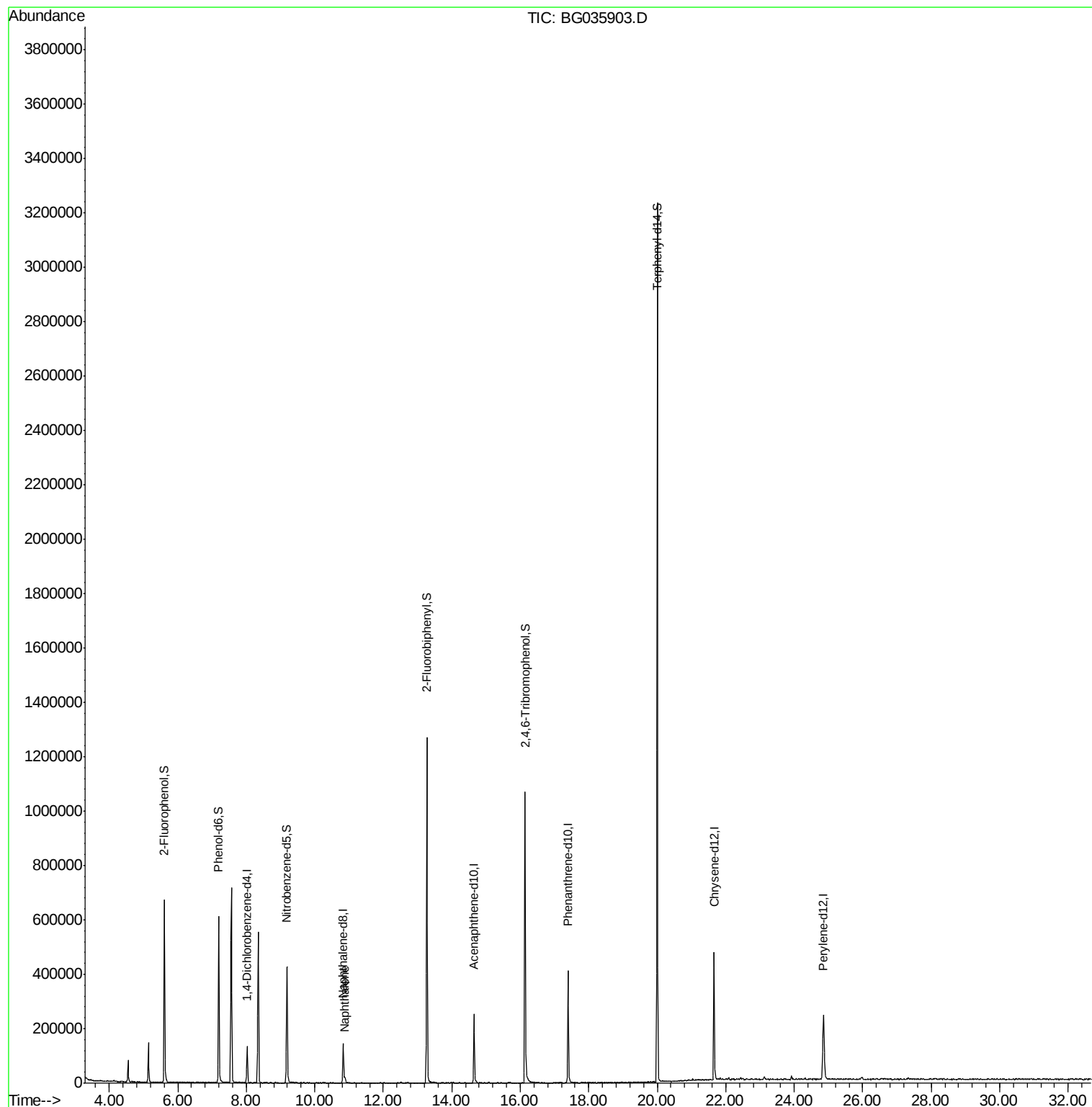
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	37562	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	132377	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	94506	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	292618	20.00	ng	0.00
75) Chrysene-d12	21.66	240	322948	20.00	ng	0.00
86) Perylene-d12	24.86	264	284737	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	293211	129.60	ng	0.00
7) Phenol-d6	7.19	99	375338	111.19	ng	0.00
23) Nitrobenzene-d5	9.19	82	306268	96.65	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	226618	181.93	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	723315	102.54	ng	0.00
78) Terphenyl-d14	20.00	244	1507528	102.90	ng	0.00
Target Compounds						
31) Naphthalene	10.89	128	18010	2.612	ng	Qvalue # 92

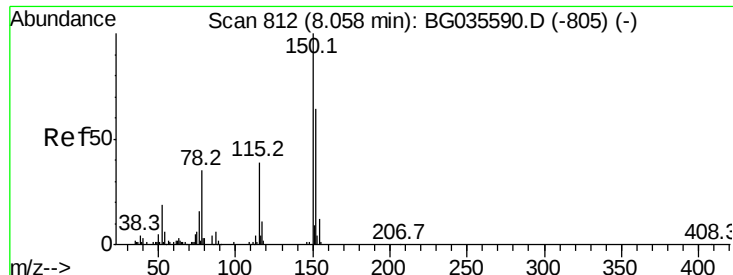
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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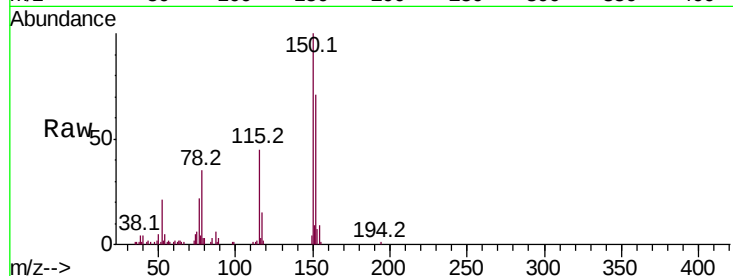


#1

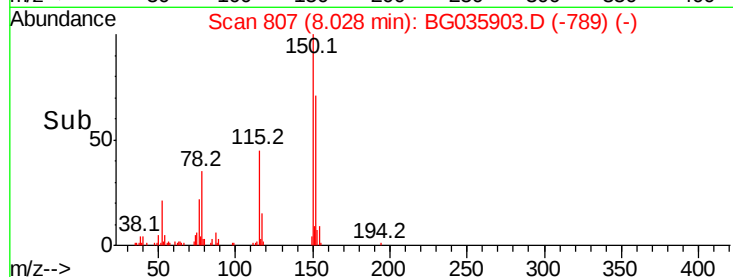
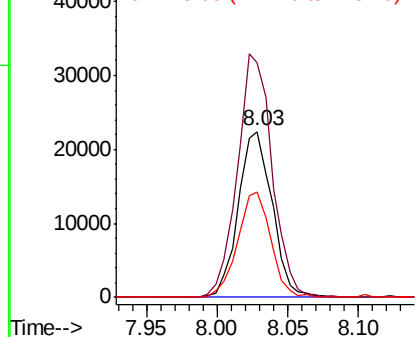
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035903.D
Acq: 26 Jul 2018 10:45

Instrument :
BNA_G
ClientSampleId :
HR-06-072418-A

Tot Ion:152 Resp: 37562
Ion Ratio Lower Upper
152 100
150 141.5 126.6 189.8
115 63.7 53.0 79.4



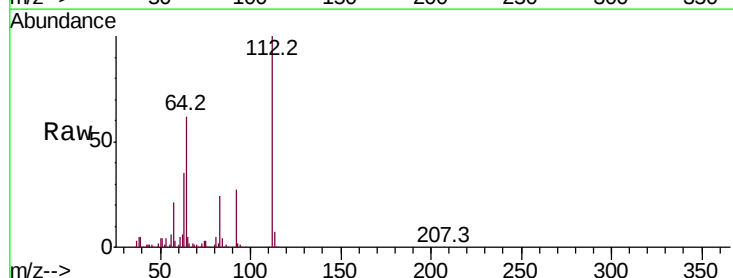
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



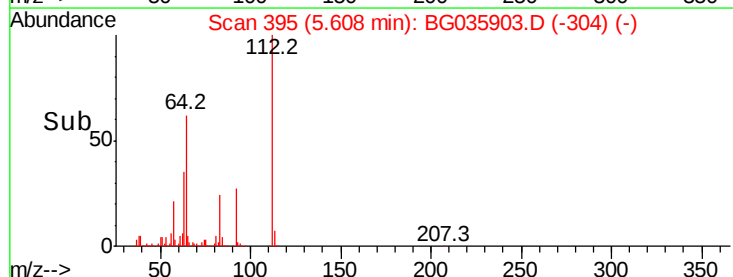
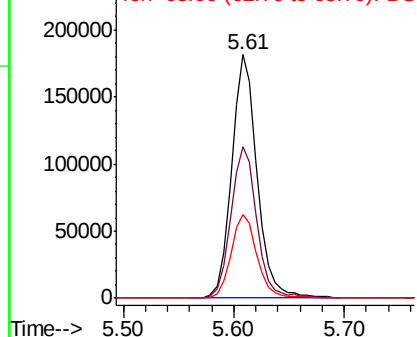
#5

2-Fluorophenol
Concen: 129.599 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035903.D
Acq: 26 Jul 2018 10:45

Tgt Ion:112 Resp: 293211
Ion Ratio Lower Upper
112 100
64 62.2 56.3 84.5
63 34.5 30.1 45.1



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: 111.193 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035903.D

Acq: 26 Jul 2018 10:45

Instrument :

BNA_G

ClientSampleId :

HR-06-072418-A

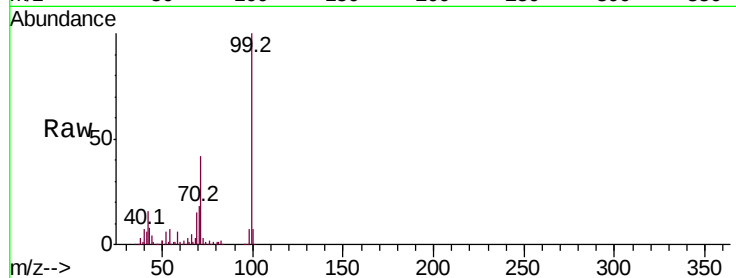
Tot Ion: 99 Resp: 375338

Ion Ratio Lower Upper

99 100

42 15.7 14.1 21.1

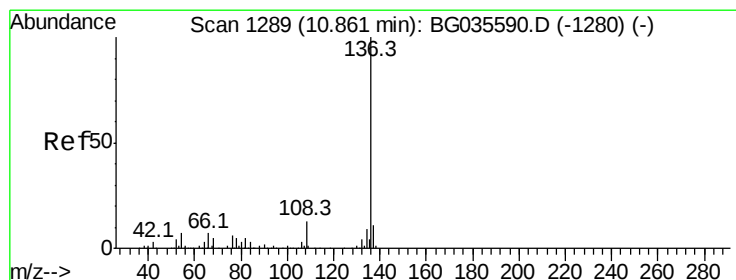
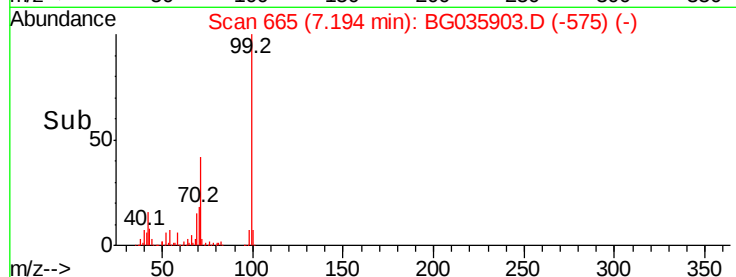
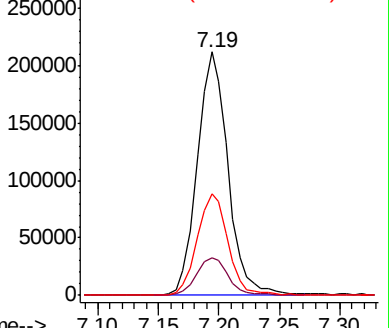
71 41.5 26.1 39.1#



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: 10.83 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BG035903.D

Acq: 26 Jul 2018 10:45

Tgt Ion:136 Resp: 132377

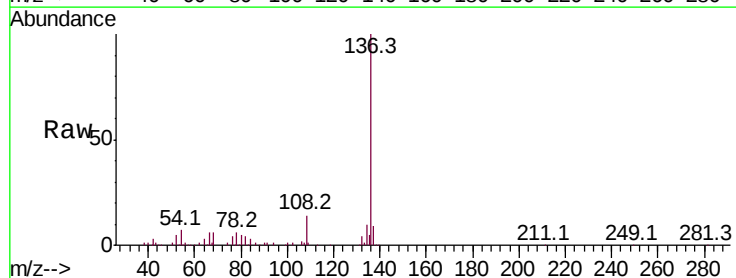
Ion Ratio Lower Upper

136 100

137 9.4 9.2 13.8

54 7.0 10.3 15.5#

68 6.2 4.5 6.7

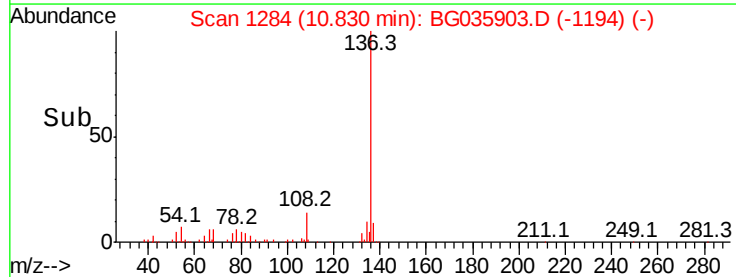
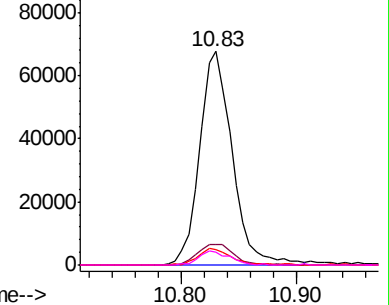


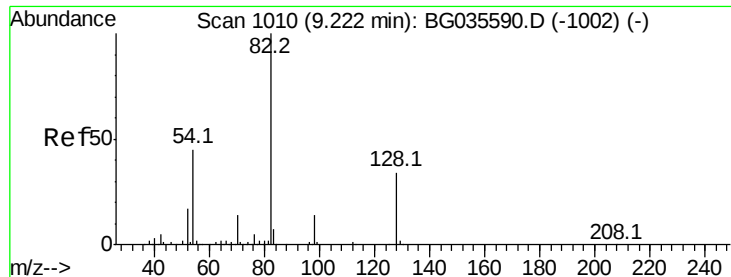
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

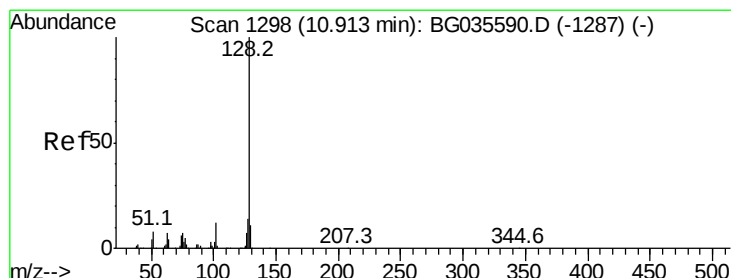
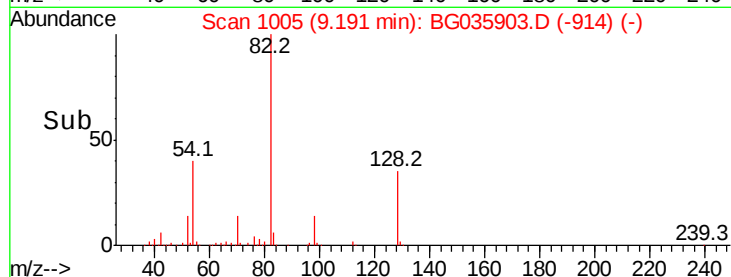
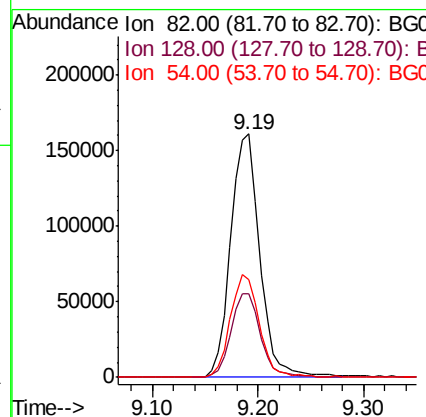
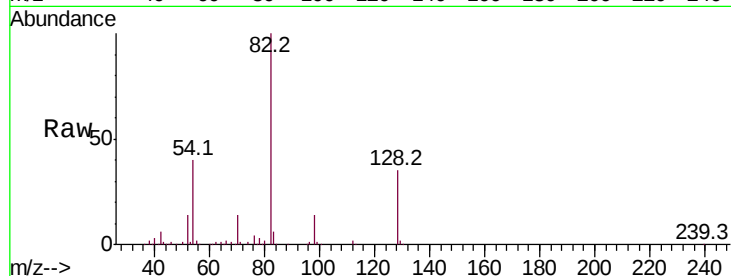




#23
Nitrobenzene-d5
Concen: 96.650 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BG035903.D
Acq: 26 Jul 2018 10:45

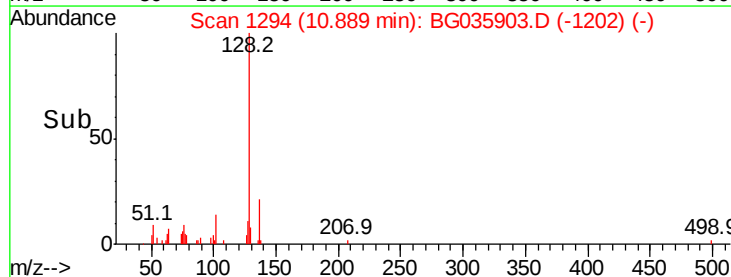
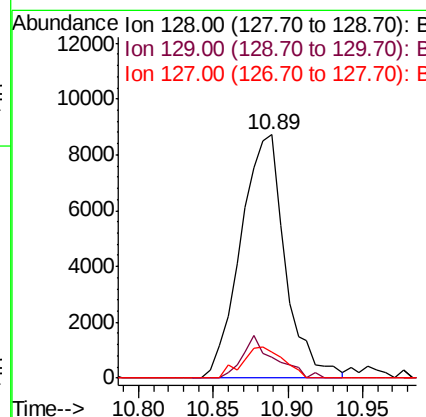
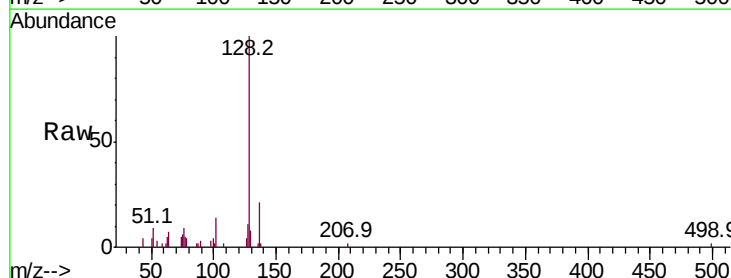
Instrument :
BNA_G
ClientSampleId :
HR-06-072418-A

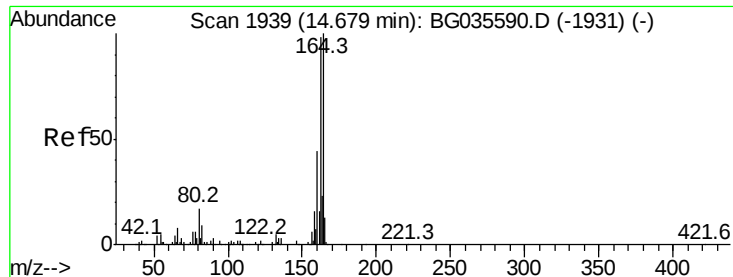
Tot Ion: 82 Resp: 306268
Ion Ratio Lower Upper
82 100
128 34.6 29.7 44.5
54 40.3 43.1 64.7#



#31
Naphthalene
Concen: 2.612 ng
RT: 10.89 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BG035903.D
Acq: 26 Jul 2018 10:45

Tgt Ion: 128 Resp: 18010
Ion Ratio Lower Upper
128 100
129 8.5 8.6 12.8#
127 10.7 11.6 17.4#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG035903.D

Acq: 26 Jul 2018 10:45

Instrument :

BNA_G

ClientSampleId :

HR-06-072418-A

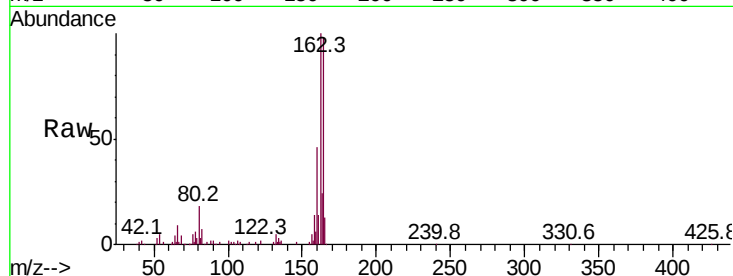
Tot Ion:164 Resp: 94506

Ion Ratio Lower Upper

164 100

162 102.1 78.8 118.2

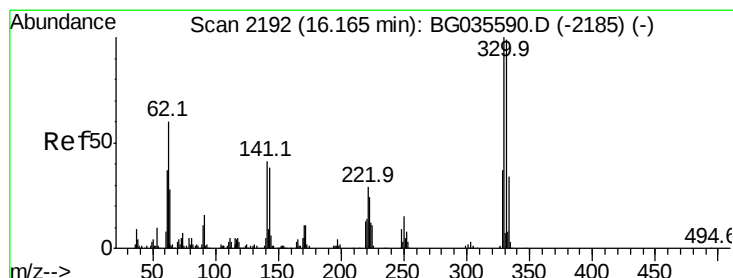
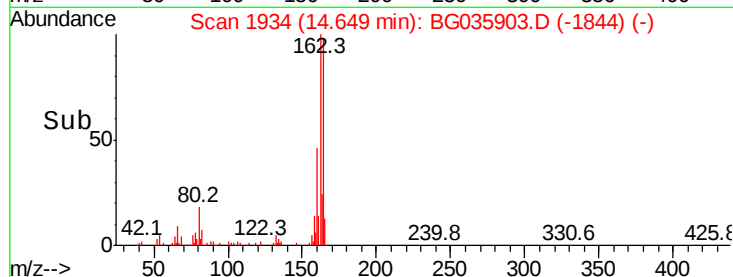
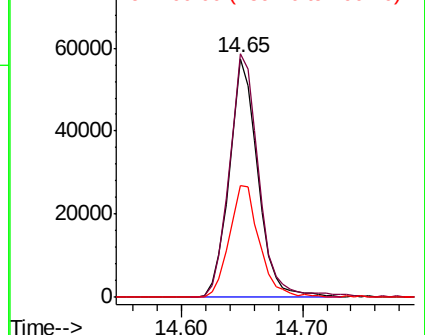
160 46.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 181.928 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG035903.D

Acq: 26 Jul 2018 10:45

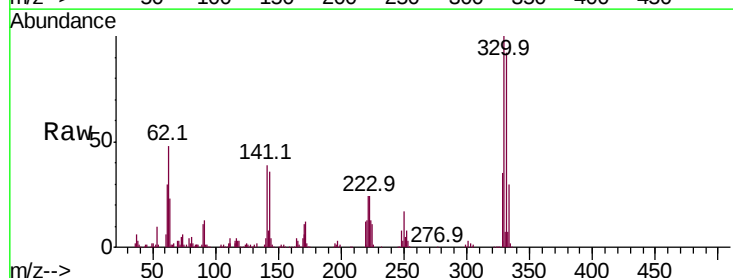
Tgt Ion:330 Resp: 226618

Ion Ratio Lower Upper

330 100

332 94.8 77.0 115.6

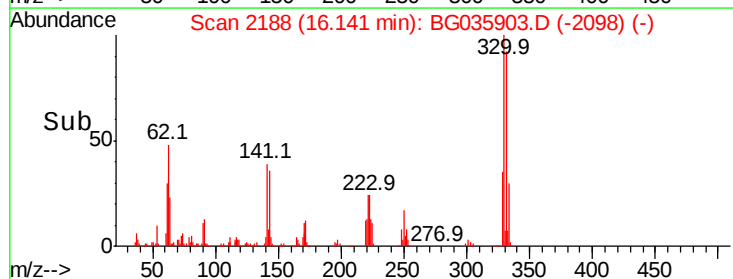
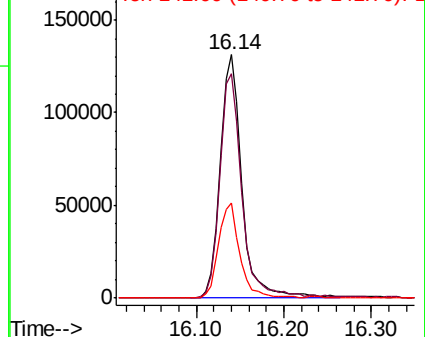
141 38.4 25.2 37.8#

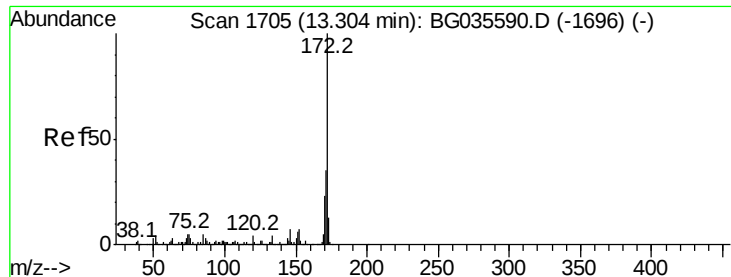


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

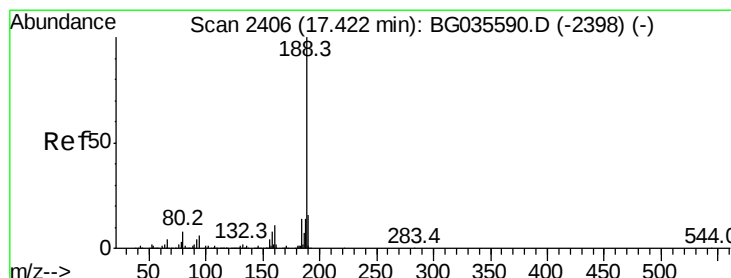
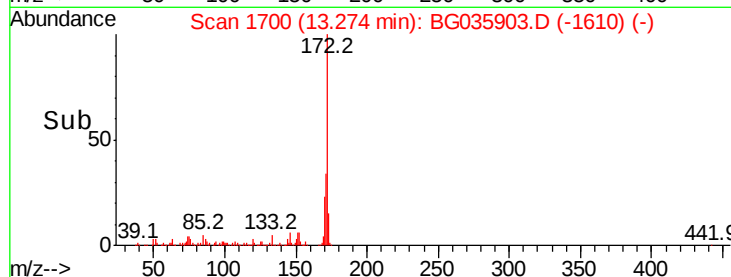
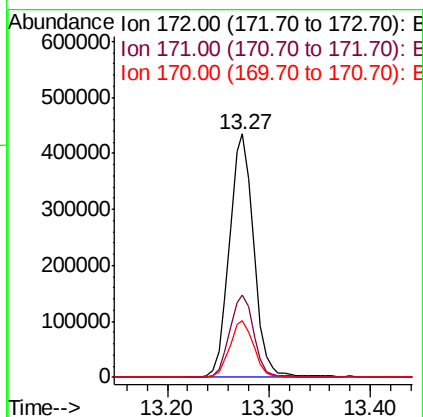
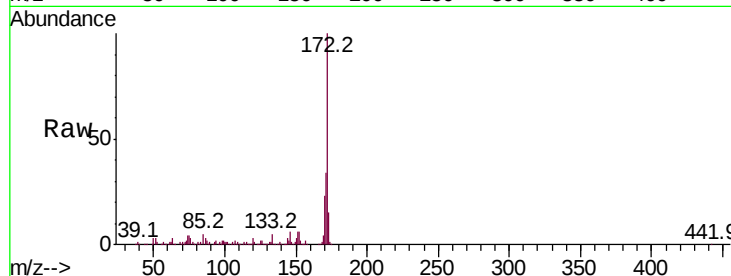




#44
2-Fluorobiphenyl
Concen: 102.539 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG035903.D
Acq: 26 Jul 2018 10:45

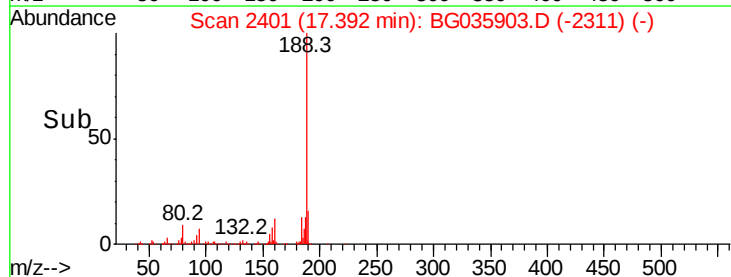
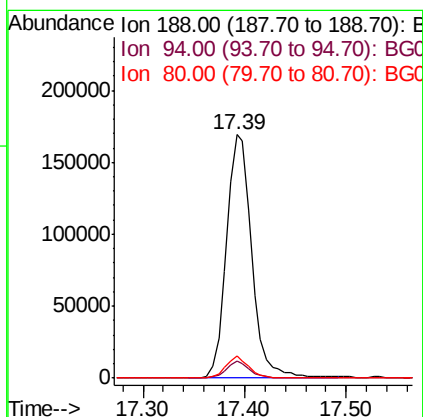
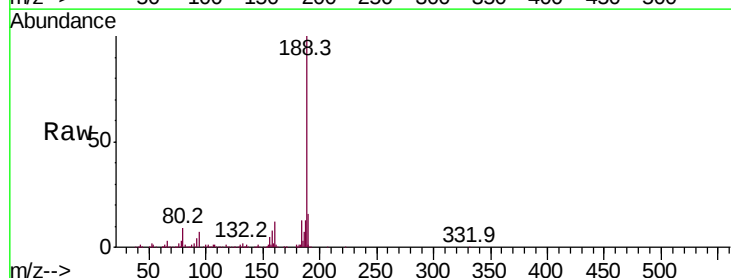
Instrument :
BNA_G
ClientSampleId :
HR-06-072418-A

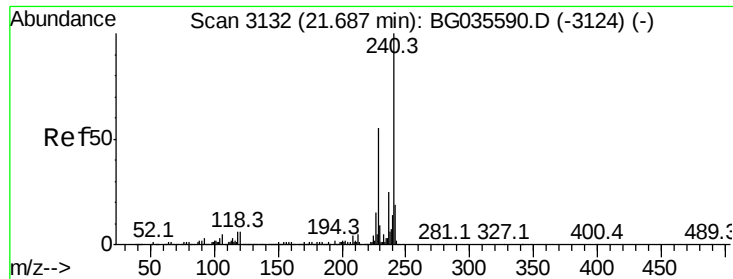
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.0	30.0	45.0
170	23.1	19.5	29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035903.D
Acq: 26 Jul 2018 10:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.9	10.3
80	9.0	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035903.D

Acq: 26 Jul 2018 10:45

Instrument :

BNA_G

ClientSampleId :

HR-06-072418-A

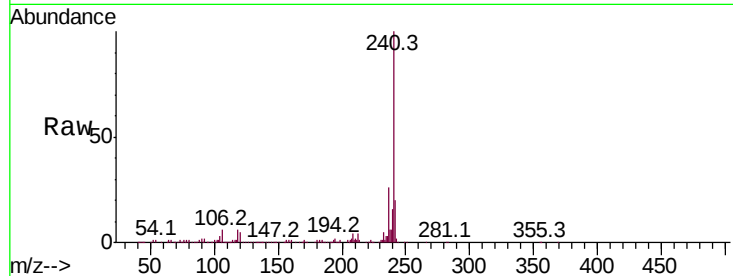
Tot Ion:240 Resp: 322948

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

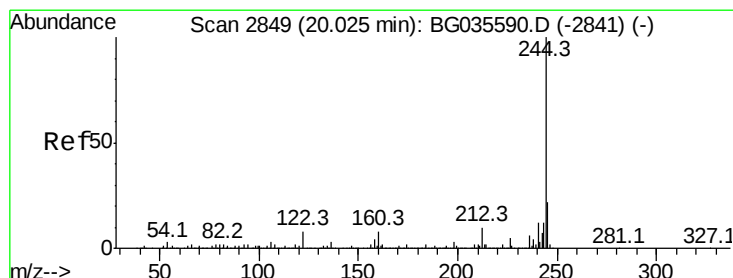
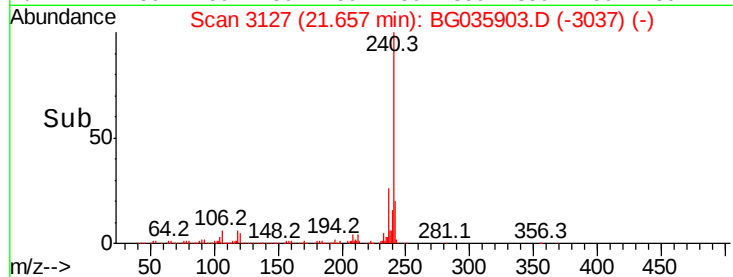
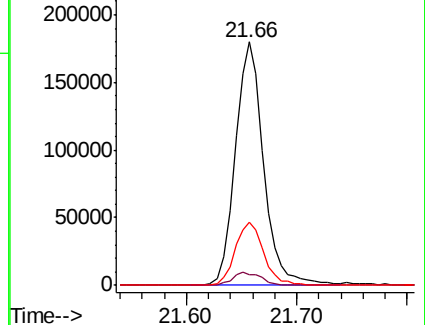
236 25.7 20.9 31.3



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: 102.897 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035903.D

Acq: 26 Jul 2018 10:45

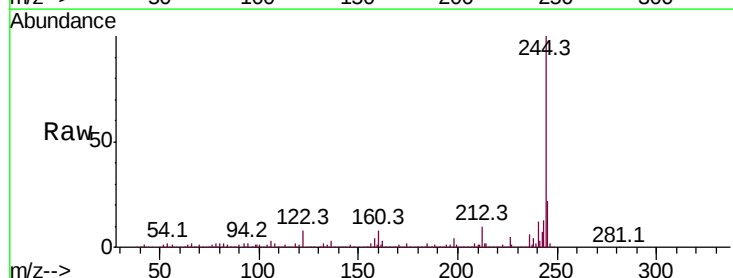
Tgt Ion:244 Resp: 1507528

Ion Ratio Lower Upper

244 100

212 9.8 5.8 8.8#

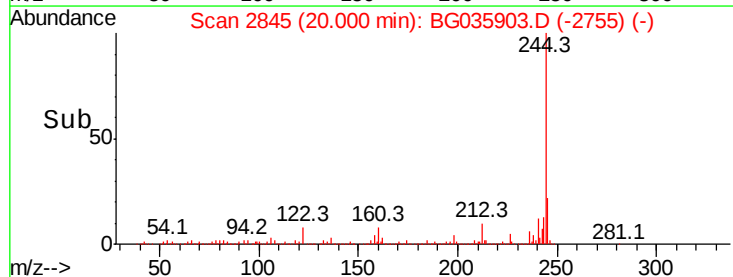
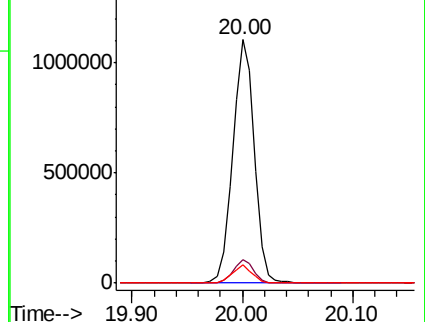
122 7.7 7.0 10.4

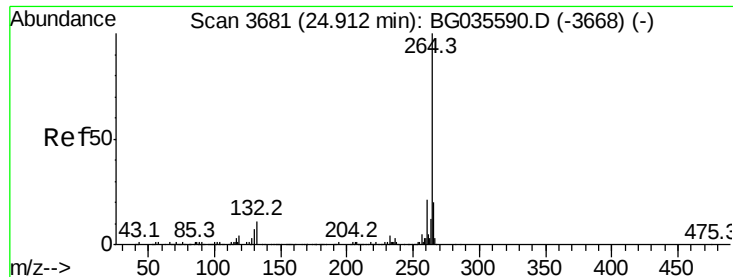


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

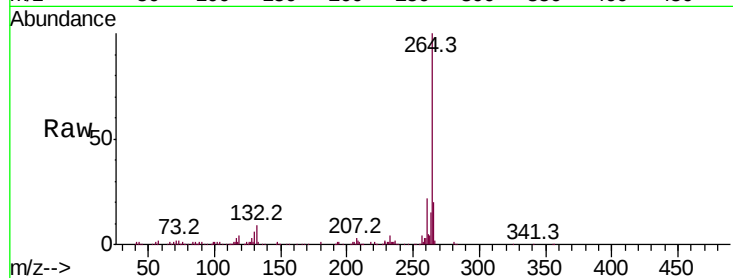




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3672
Delta R.T. -0.00 min
Lab File: BG035903.D
Acq: 26 Jul 2018 10:45

Instrument :
BNA_G
ClientSampleId :
HR-06-072418-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.4	26.0
265	19.7	17.7	26.5



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

