

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
 Data File : BG035890.D
 Acq On : 26 Jul 2018 1:38
 Operator : JU/SJ
 Sample : J4140-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(75-77)

Quant Time: Jul 26 04:35:25 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

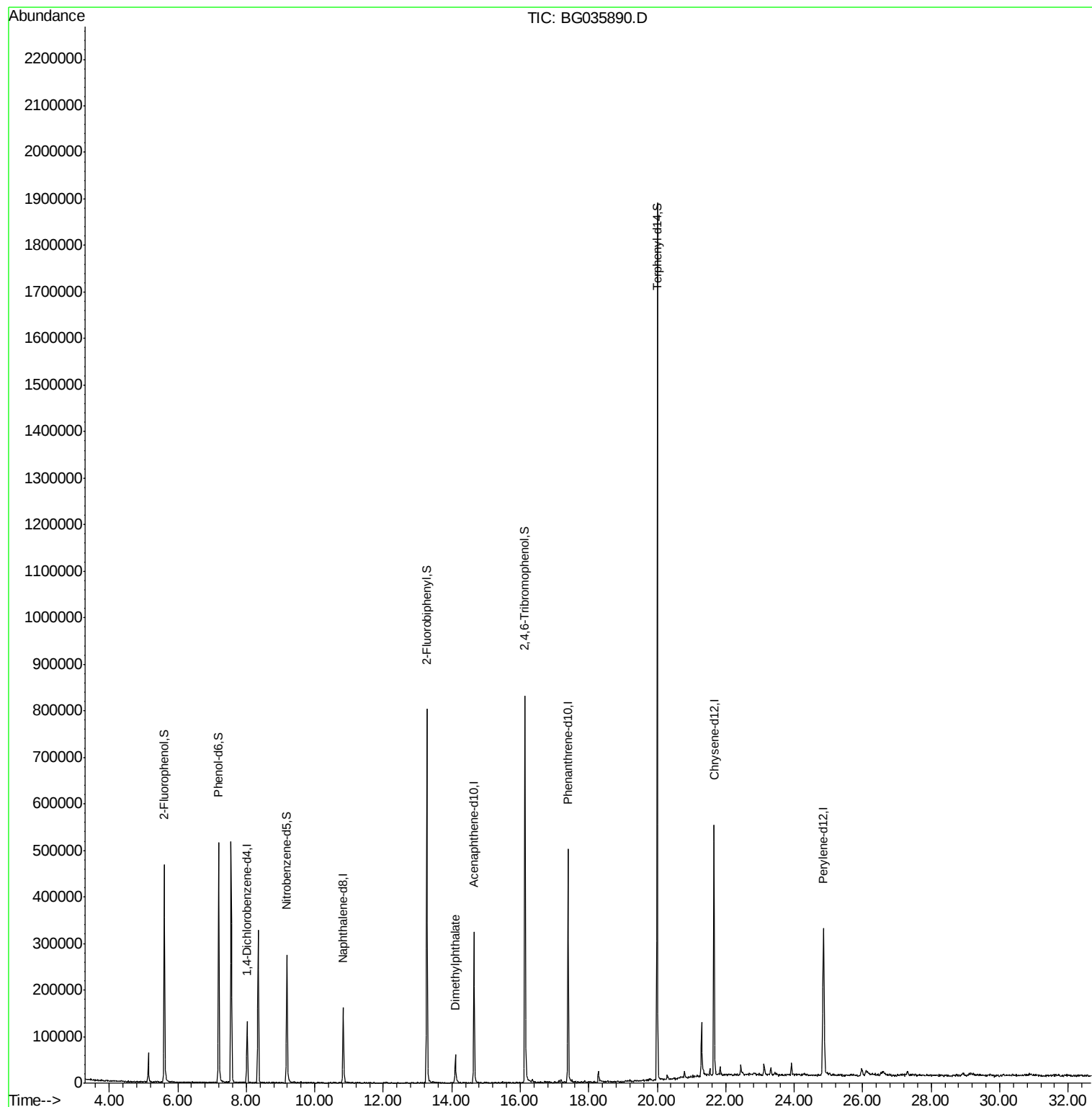
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	37726	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	152271	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	120030	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	340730	20.00	ng	0.00
75) Chrysene-d12	21.66	240	361001	20.00	ng	0.00
86) Perylene-d12	24.85	264	344825	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	219432	96.57	ng	0.00
7) Phenol-d6	7.19	99	336016	99.11	ng	0.00
23) Nitrobenzene-d5	9.19	82	199990	54.87	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	166323	105.13	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	473064	52.80	ng	0.00
78) Terphenyl-d14	20.00	244	881230	53.81	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.10	163	54527	5.185	ng	Qvalue 97

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

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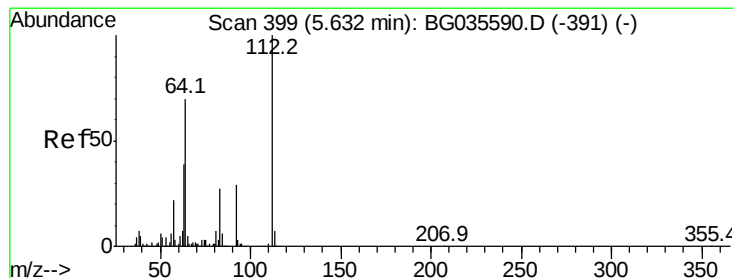
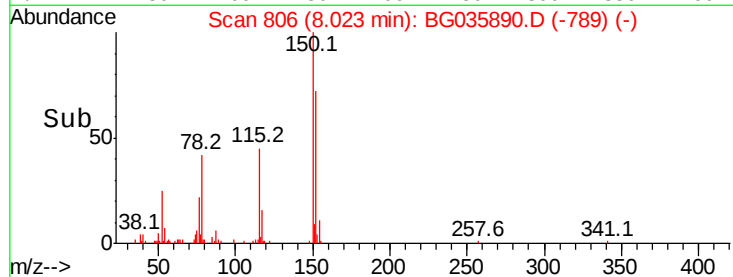
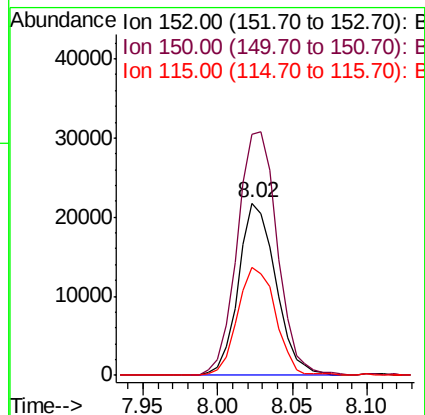
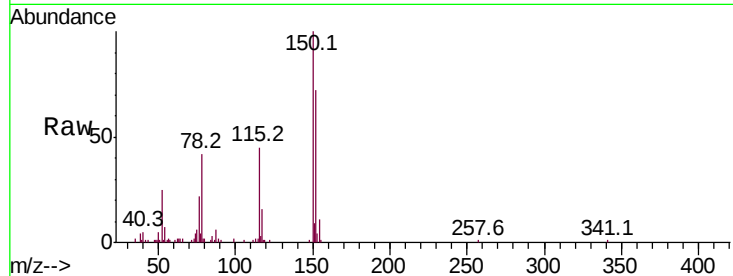


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035890.D
Acq: 26 Jul 2018 1:38

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(75-77)

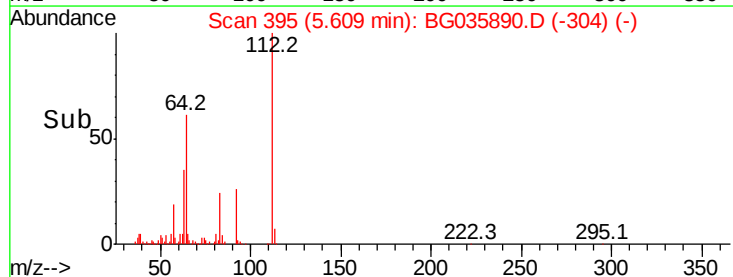
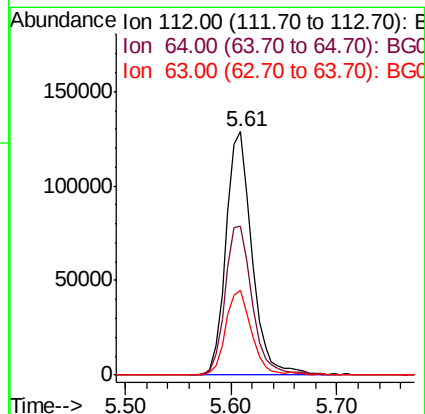
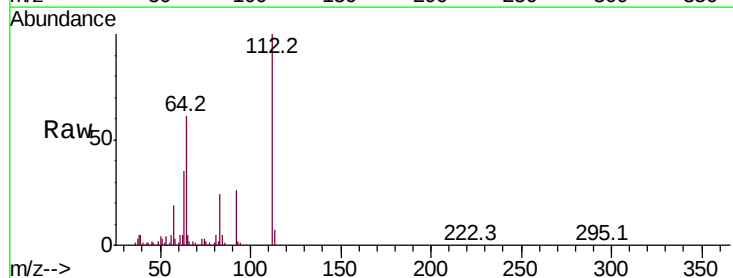
Tot Ion:152 Resp: 37726
Ion Ratio Lower Upper
152 100
150 139.4 126.6 189.8
115 62.5 53.0 79.4



#5

2-Fluorophenol
Concen: 96.567 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035890.D
Acq: 26 Jul 2018 1:38

Tgt Ion:112 Resp: 219432
Ion Ratio Lower Upper
112 100
64 61.2 56.3 84.5
63 34.8 30.1 45.1





#7

Phenol-d6

Concen: 99.111 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035890.D

Acq: 26 Jul 2018 1:38

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(75-77)

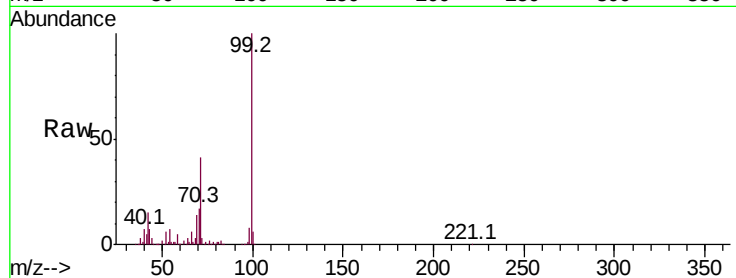
Tot Ion: 99 Resp: 336016

Ion Ratio Lower Upper

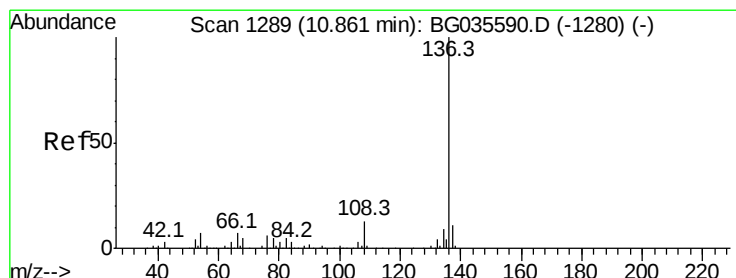
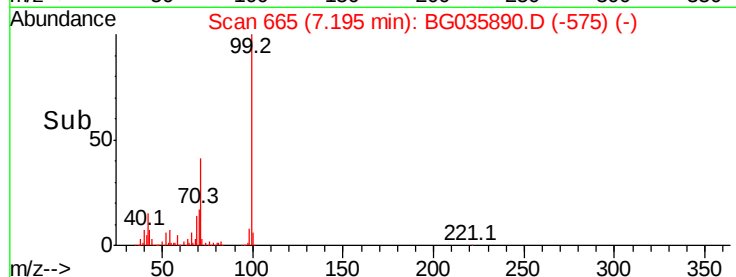
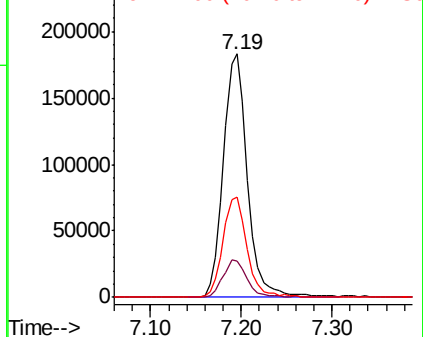
99 100

42 15.1 14.1 21.1

71 41.0 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: BG035890.D

Acq: 26 Jul 2018 1:38

Tgt Ion: 136 Resp: 152271

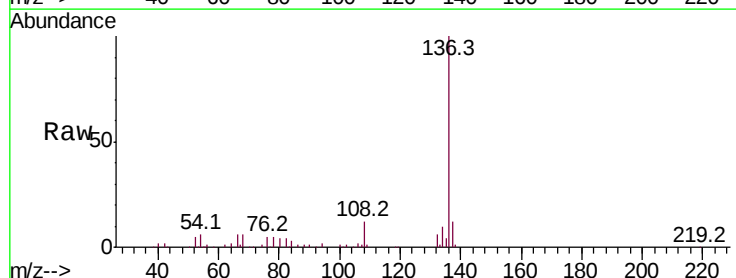
Ion Ratio Lower Upper

136 100

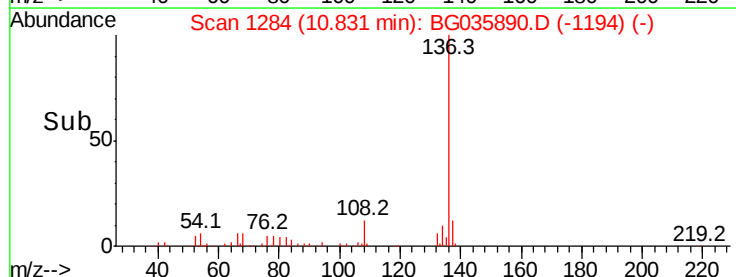
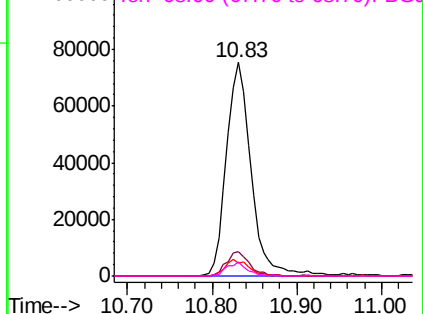
137 11.5 9.2 13.8

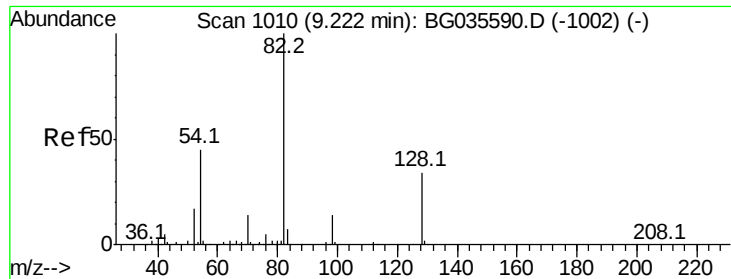
54 6.3 10.3 15.5#

68 6.4 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

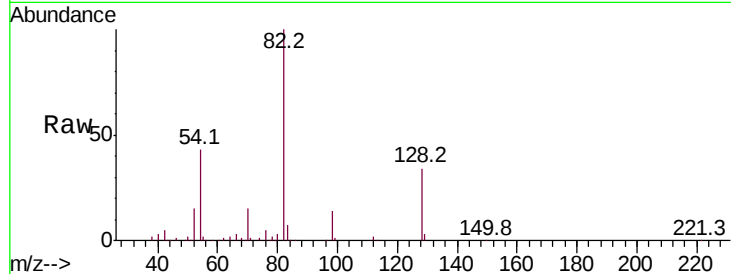




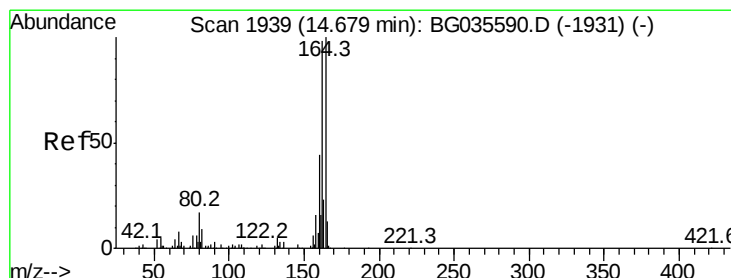
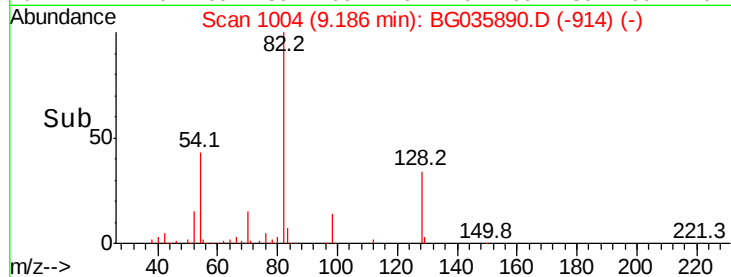
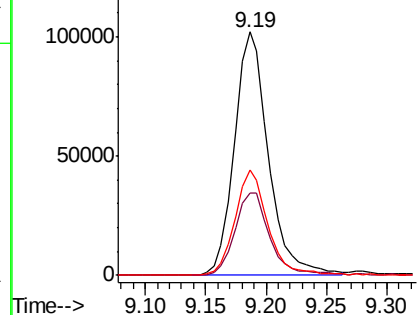
#23
 Nitrobenzene-d5
 Concen: 54.866 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG035890.D
 Acq: 26 Jul 2018 1:38

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(75-77)

Tot Ion	82	Resp	199990
Ion	Ratio	Lower	Upper
82	100		
128	33.7	29.7	44.5
54	43.5	43.1	64.7

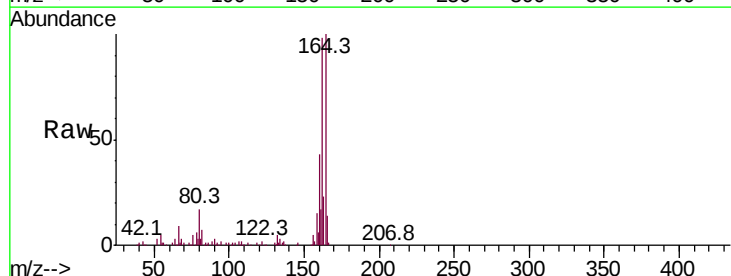


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

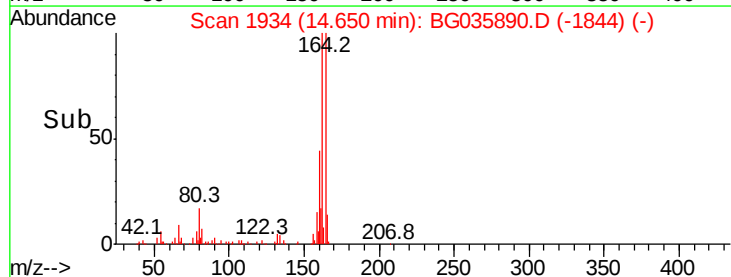
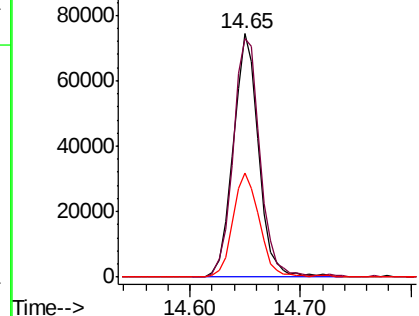


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG035890.D
 Acq: 26 Jul 2018 1:38

Tgt Ion	164	Resp	120030
Ion	Ratio	Lower	Upper
164	100		
162	98.1	78.8	118.2
160	42.9	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

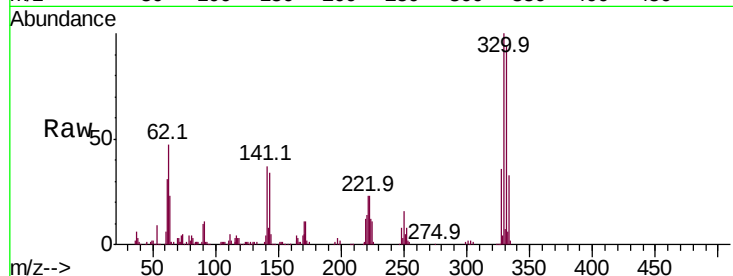




#41
 2,4,6-Tribromophenol
 Concen: 105.130 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG035890.D
 Acq: 26 Jul 2018 1:38

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(75-77)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	39.2	25.2	37.8#

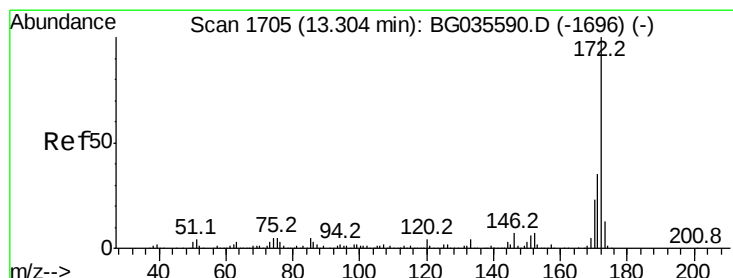
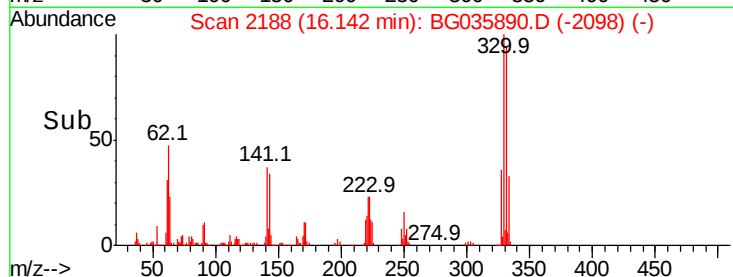
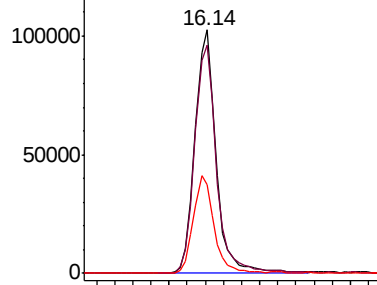


Abundance

Ion 329.80 (329.50 to 330.50): E

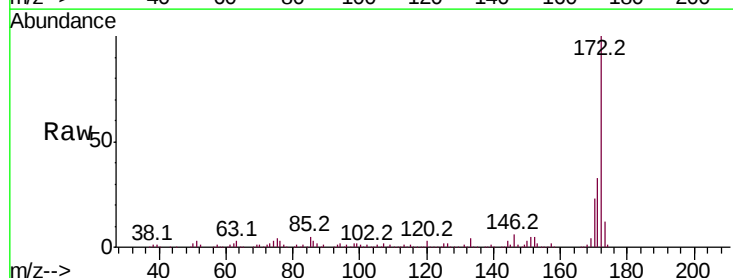
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 52.802 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035890.D
 Acq: 26 Jul 2018 1:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.2	30.0	45.0
170	22.9	19.5	29.3

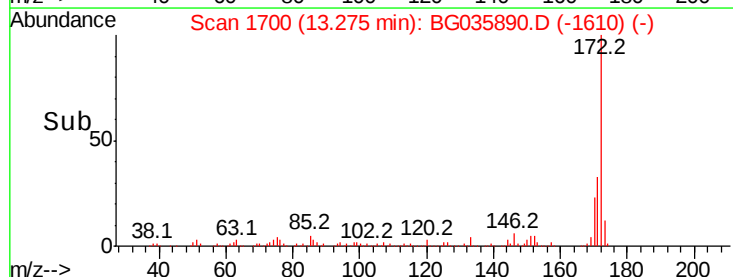
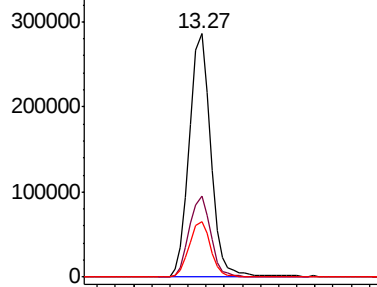


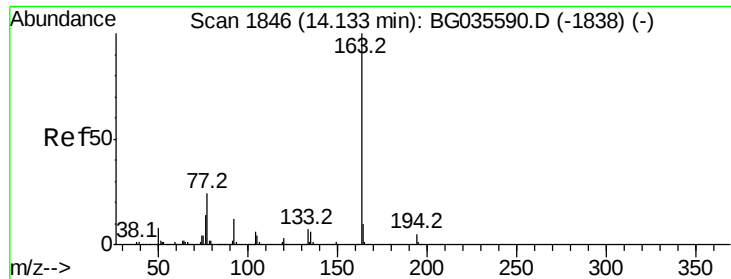
Abundance

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

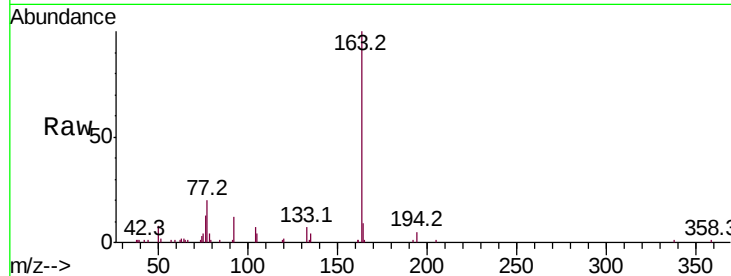




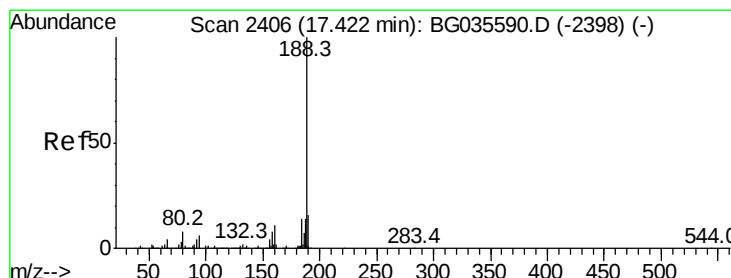
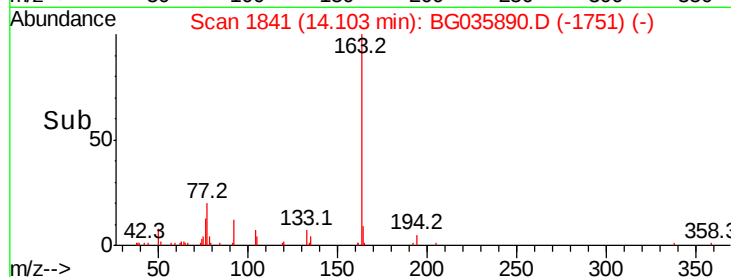
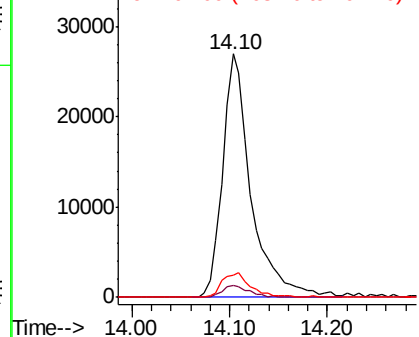
#49
Dimethylphthalate
Concen: 5.185 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BG035890.D
Acq: 26 Jul 2018 1:38

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(75-77)

Tot Ion:163 Resp: 54527
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.2
164 8.9 8.2 12.4

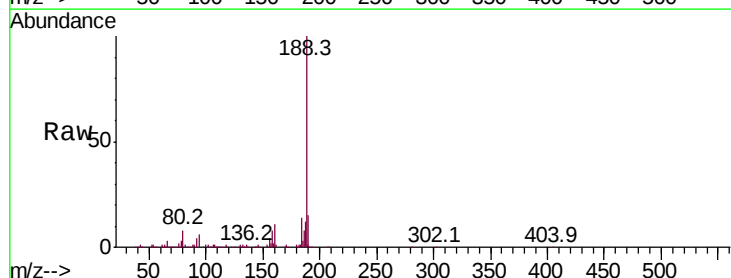


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

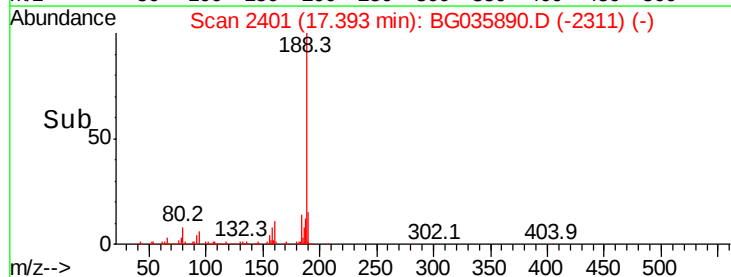
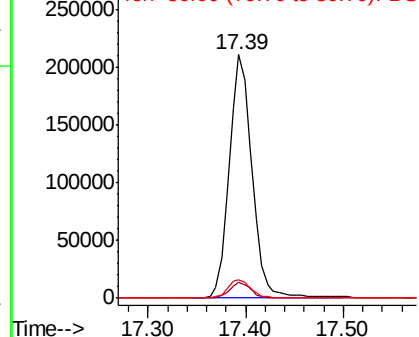


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035890.D
Acq: 26 Jul 2018 1:38

Tgt Ion:188 Resp: 340730
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 7.5 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

Chrvsene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035890.D

Acq: 26 Jul 2018 1:38

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(75-77)

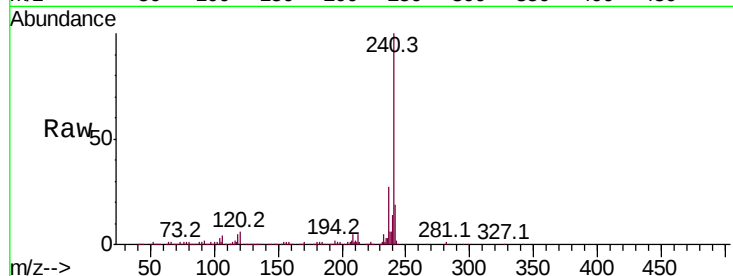
Tot Ion:240 Resp: 361001

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

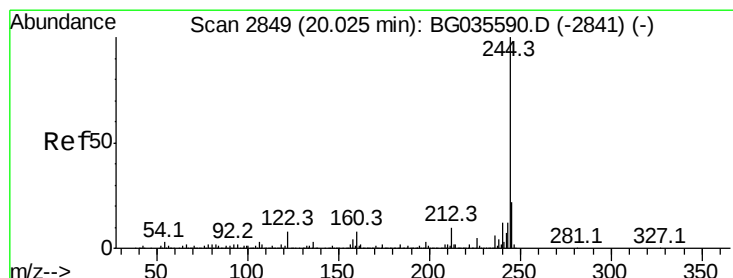
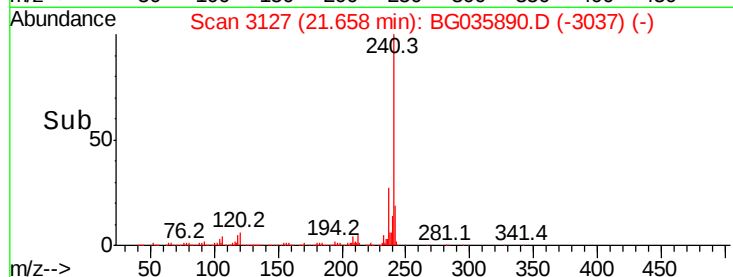
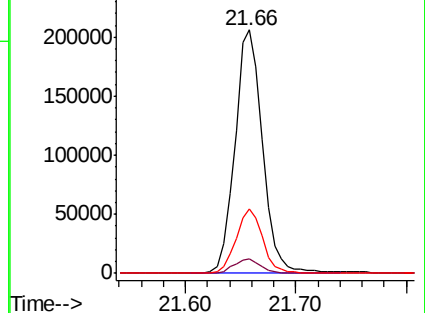
236 26.5 20.9 31.3



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: 53.809 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035890.D

Acq: 26 Jul 2018 1:38

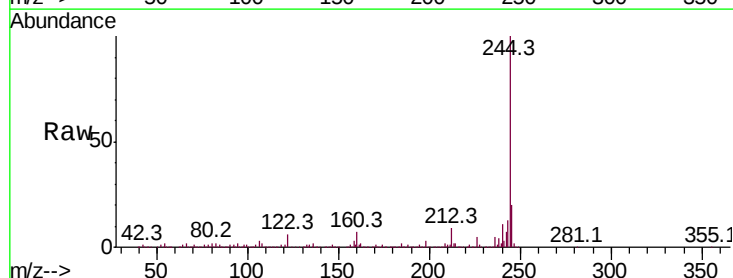
Tgt Ion:244 Resp: 881230

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

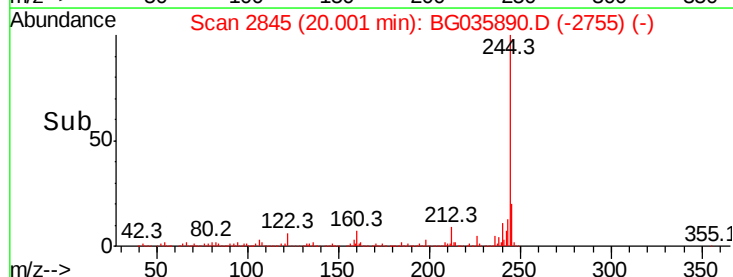
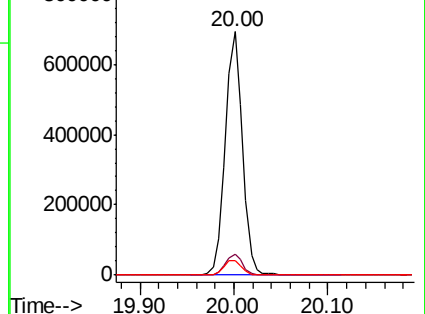
122 5.9 7.0 10.4#

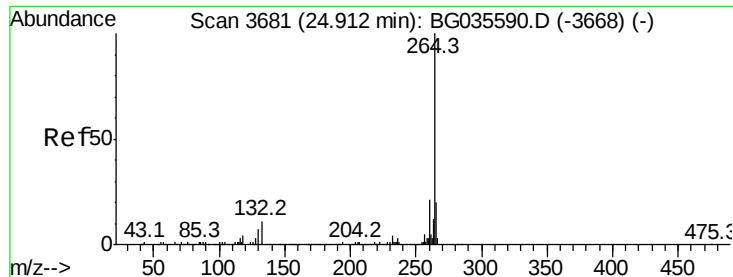


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.85 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BG035890.D
Acq: 26 Jul 2018 1:38

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(75-77)

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.1	17.4	26.0#
265	21.1	17.7	26.5

