

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
 Data File : BG035892.D
 Acq On : 26 Jul 2018 2:57
 Operator : JU/SJ
 Sample : J4140-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(90-92)

Quant Time: Jul 26 04:41:22 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

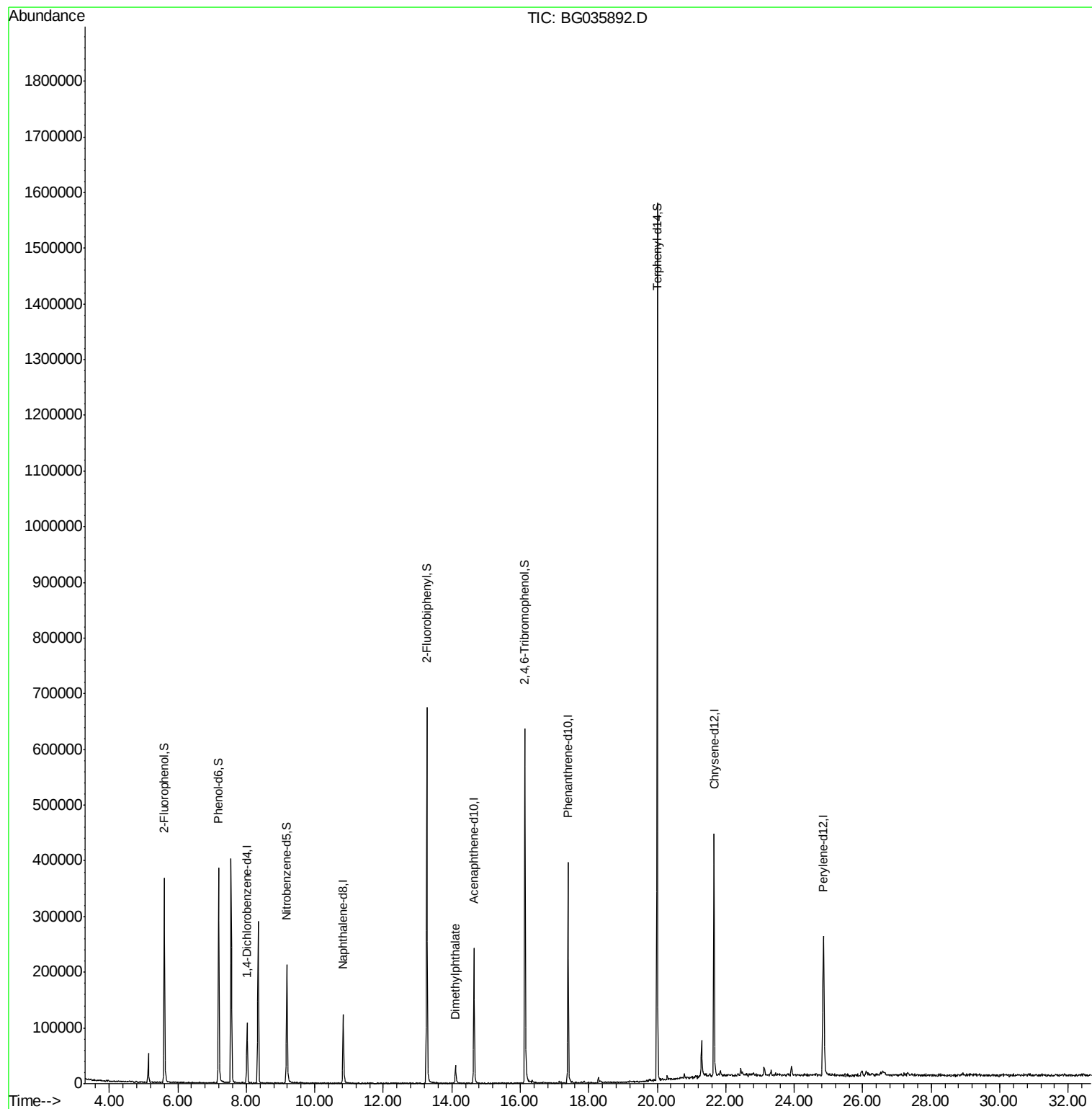
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	31703	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	117323	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	92835	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	271445	20.00	ng	0.00
75) Chrysene-d12	21.66	240	285859	20.00	ng	0.00
86) Perylene-d12	24.85	264	273463	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	172434	90.30	ng	0.00
7) Phenol-d6	7.19	99	254047	89.17	ng	0.00
23) Nitrobenzene-d5	9.19	82	160504	57.15	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	125246	102.36	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	408768	58.99	ng	0.00
78) Terphenyl-d14	20.00	244	787578	60.73	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.10	163	32382	3.981	ng	Qvalue # 98

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

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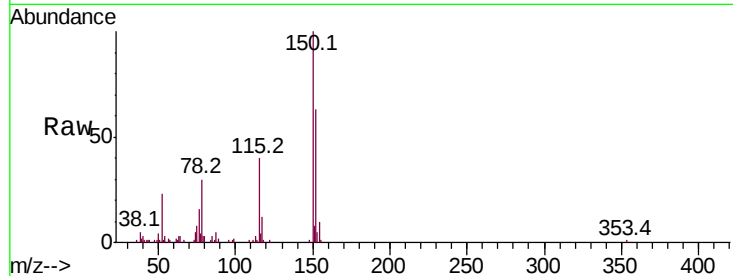


#1

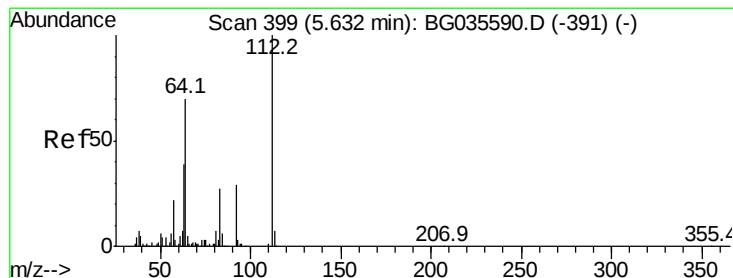
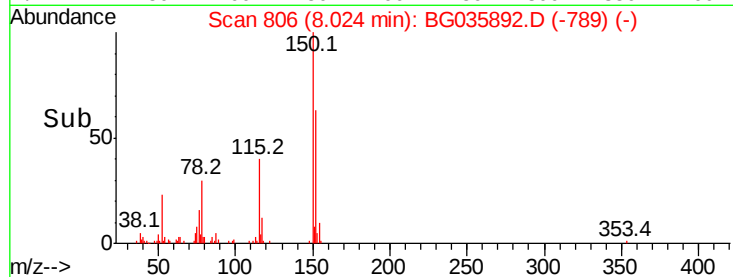
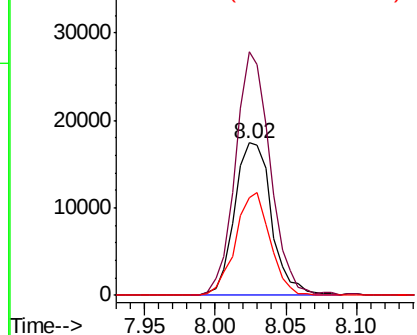
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035892.D
Acq: 26 Jul 2018 2:57

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(90-92)

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	126.6	189.8
115	63.8	53.0	79.4



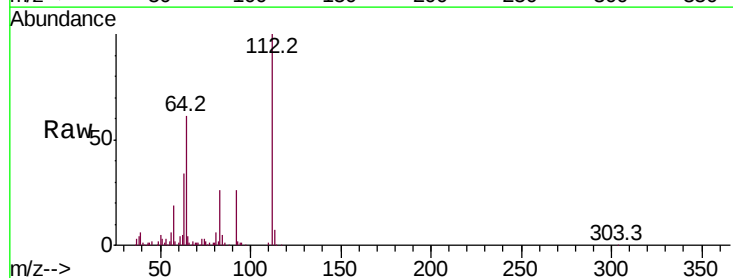
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



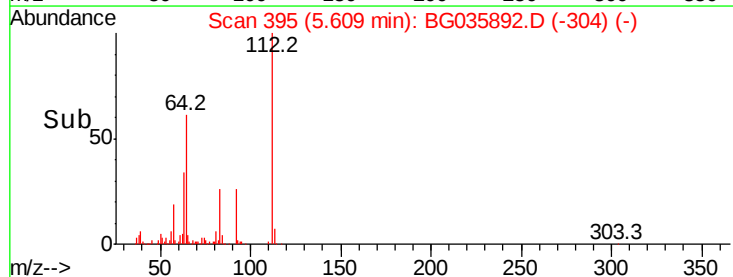
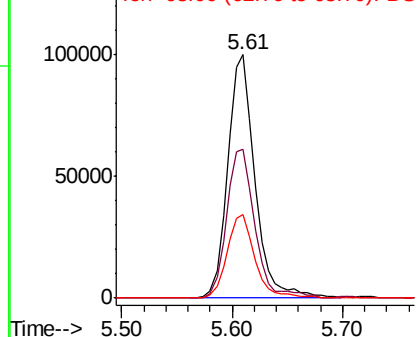
#5

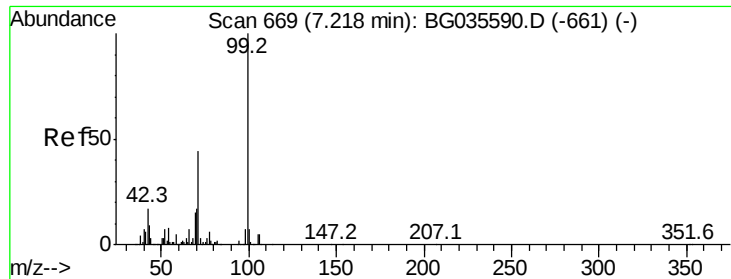
2-Fluorophenol
Concen: 90.301 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.01 min
Lab File: BG035892.D
Acq: 26 Jul 2018 2:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	56.3	84.5
63	34.4	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: 89.170 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG035892.D

Acq: 26 Jul 2018 2:57

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(90-92)

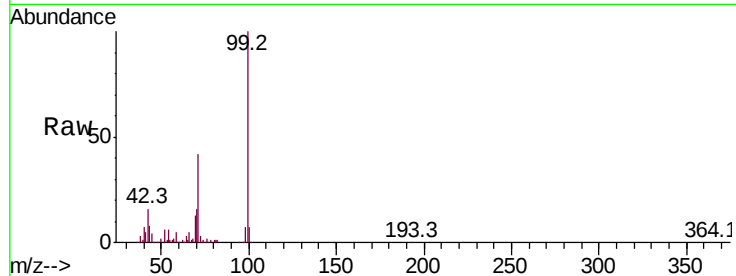
Tot Ion: 99 Resp: 254047

Ion Ratio Lower Upper

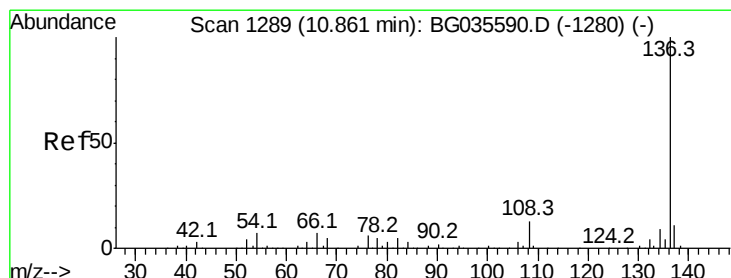
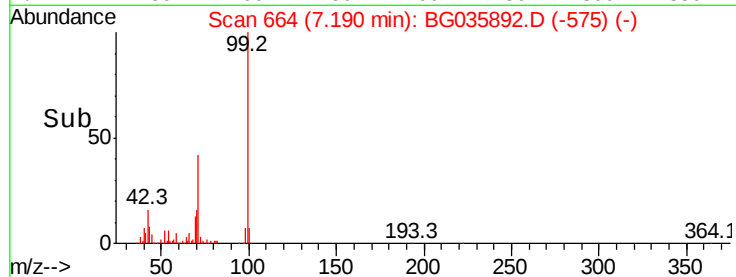
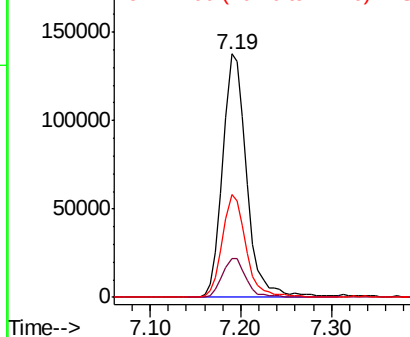
99 100

42 16.1 14.1 21.1

71 42.3 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: BG035892.D

Acq: 26 Jul 2018 2:57

Tgt Ion: 136 Resp: 117323

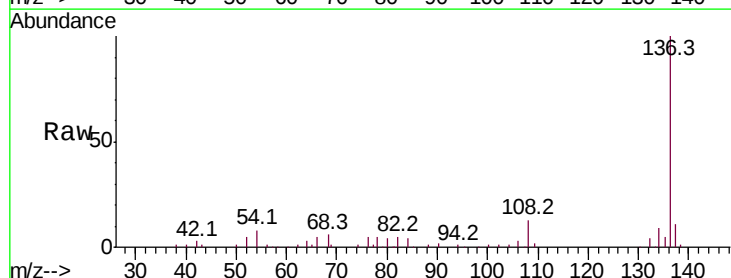
Ion Ratio Lower Upper

136 100

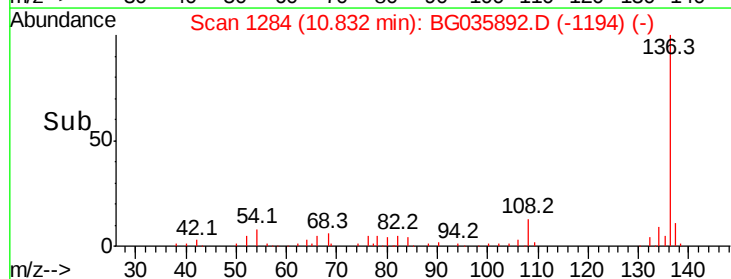
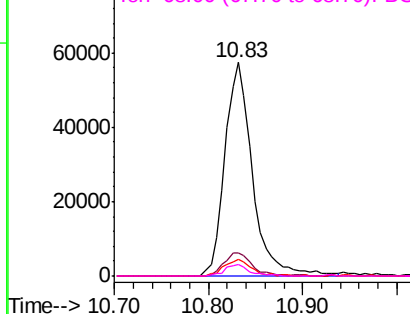
137 10.9 9.2 13.8

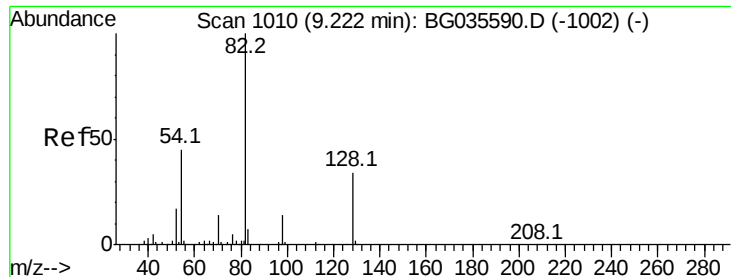
54 7.6 10.3 15.5#

68 5.6 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: 57.150 ng

RT: 9.19 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BG035892.D

Acq: 26 Jul 2018 2:57

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(90-92)

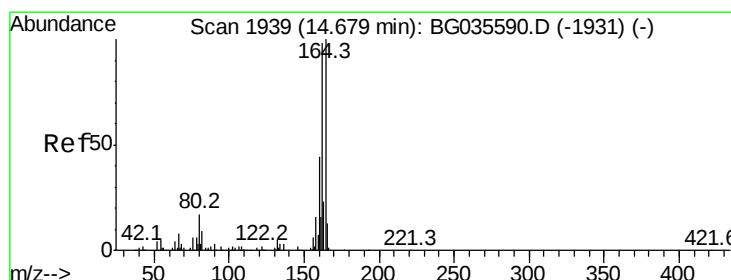
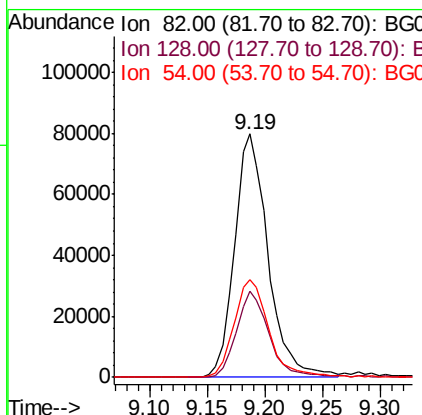
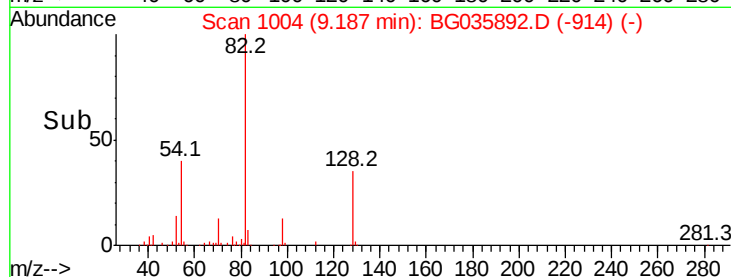
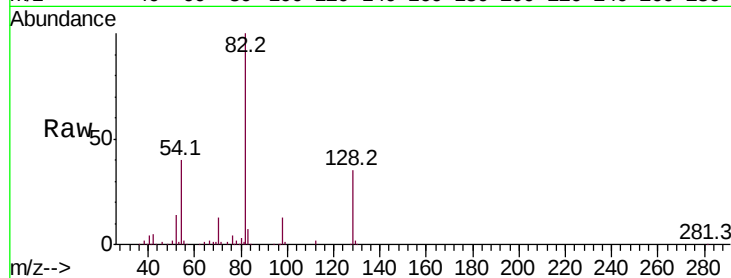
Tot Ion: 82 Resp: 160504

Ion Ratio Lower Upper

82 100

128 35.5 29.7 44.5

54 40.0 43.1 64.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG035892.D

Acq: 26 Jul 2018 2:57

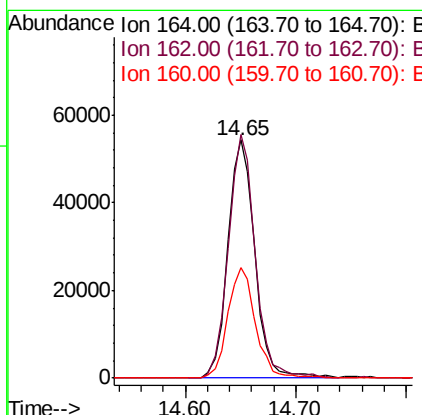
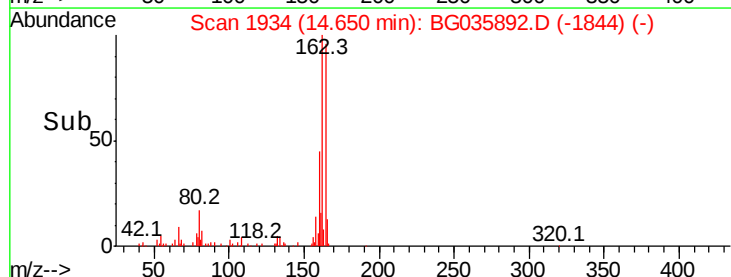
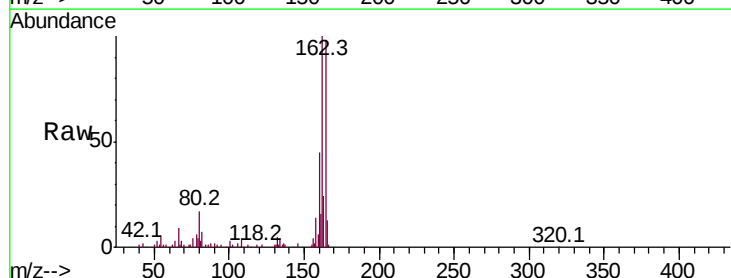
Tgt Ion:164 Resp: 92835

Ion Ratio Lower Upper

164 100

162 102.2 78.8 118.2

160 46.3 35.4 53.0

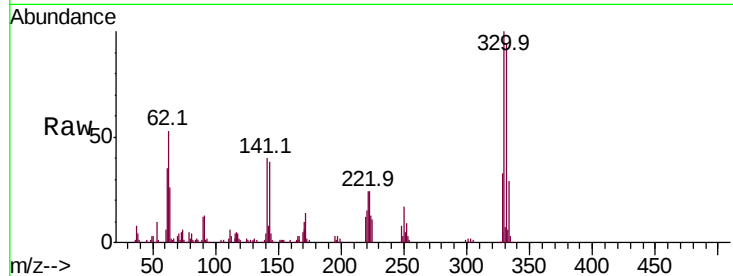




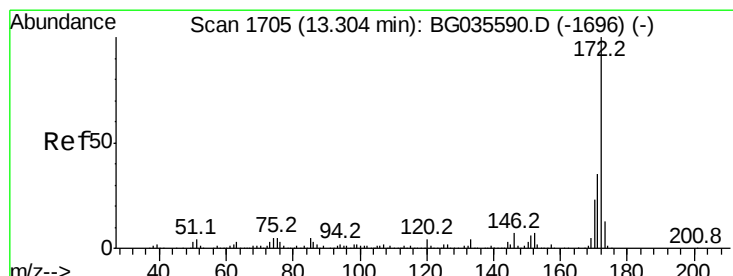
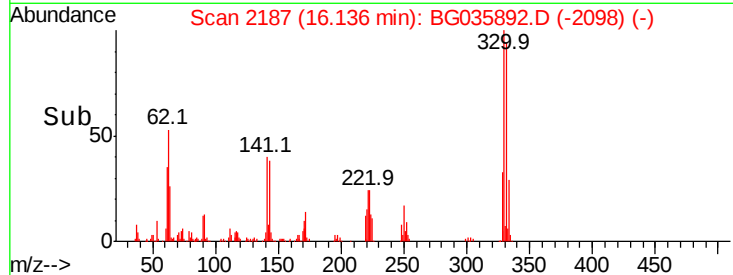
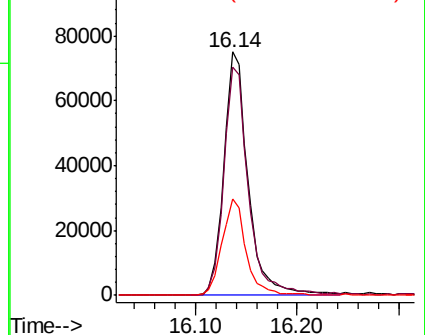
#41
2,4,6-Tribromophenol
Concen: 102.357 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG035892.D
Acq: 26 Jul 2018 2:57

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(90-92)

Tot Ion:330 Resp: 125246
Ion Ratio Lower Upper
330 100
332 94.6 77.0 115.6
141 39.1 25.2 37.8#

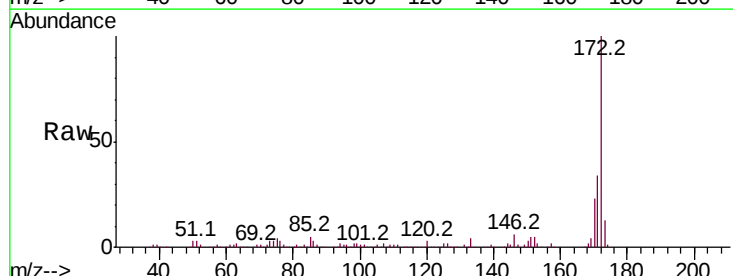


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

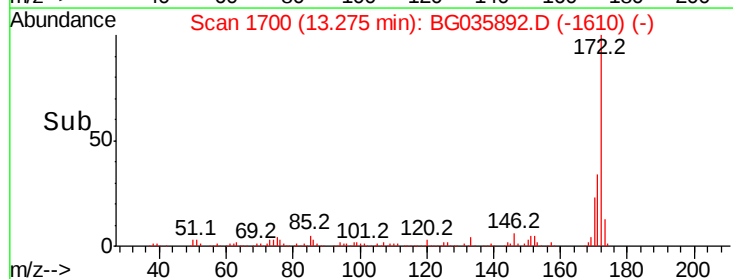
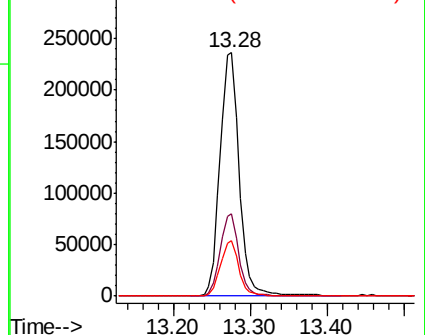


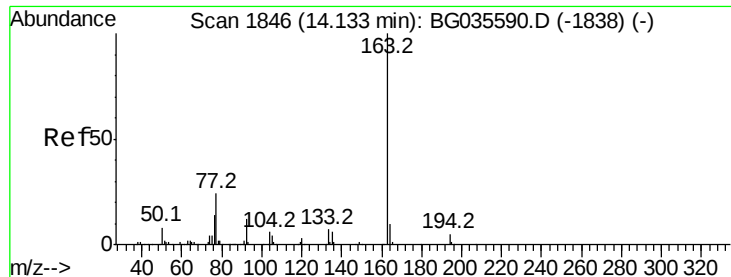
#44
2-Fluorobiphenyl
Concen: 58.991 ng
RT: 13.28 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG035892.D
Acq: 26 Jul 2018 2:57

Tgt Ion:172 Resp: 408768
Ion Ratio Lower Upper
172 100
171 33.8 30.0 45.0
170 22.6 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

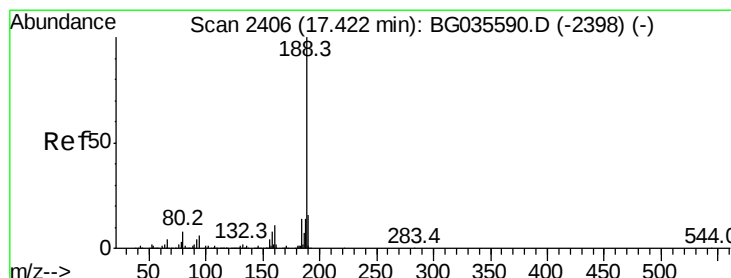
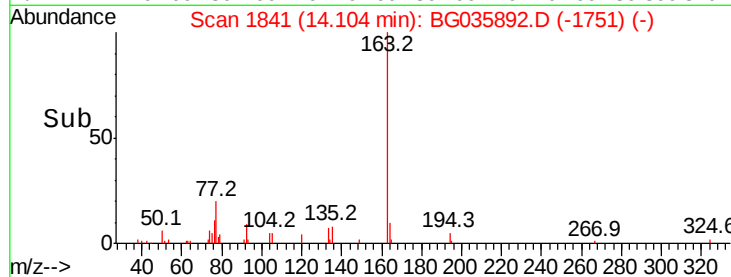
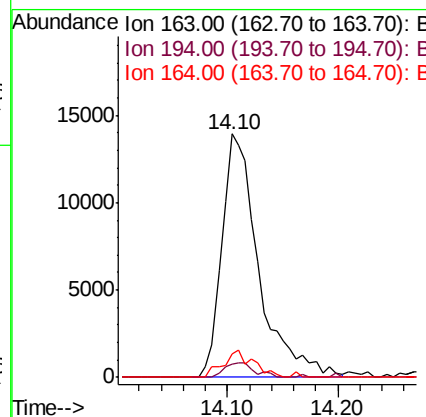
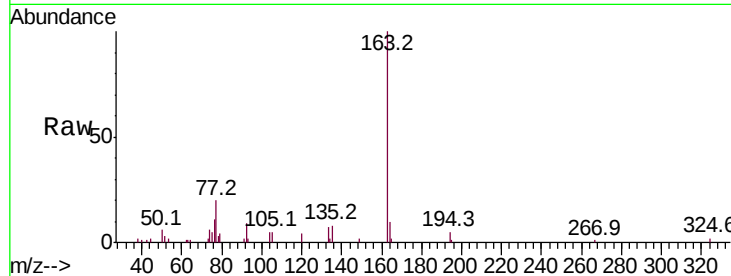




#49
 Dimethylphthalate
 Concen: 3.981 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG035892.D
 Acq: 26 Jul 2018 2:57

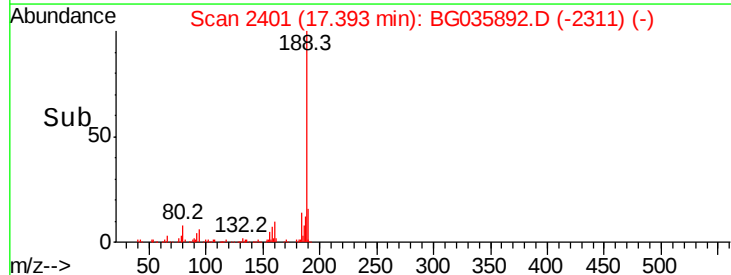
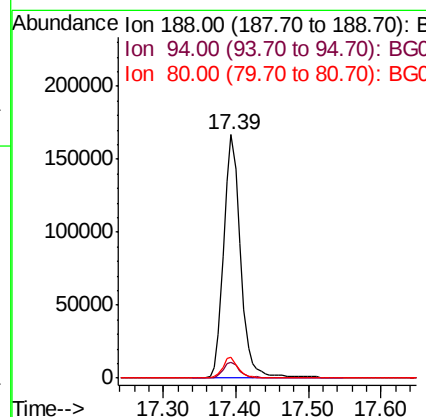
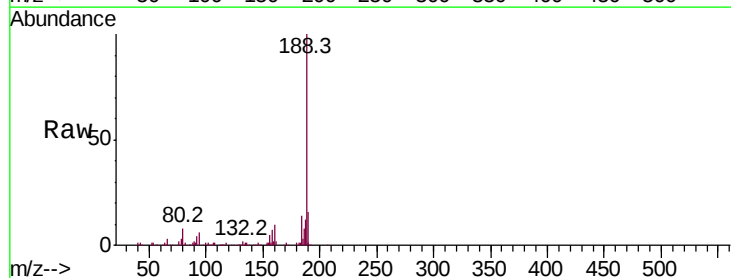
Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(90-92)

Tot Ion:163	Resp:	32382
Ion Ratio	Lower	Upper
163	100	
194	5.2	3.4 5.2#
164	9.7	8.2 12.4



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2401
 Delta R.T. -0.00 min
 Lab File: BG035892.D
 Acq: 26 Jul 2018 2:57

Tgt Ion:188	Resp:	271445
Ion Ratio	Lower	Upper
188	100	
94	6.3	6.9 10.3#
80	8.4	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: BG035892.D

Acq: 26 Jul 2018 2:57

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(90-92)

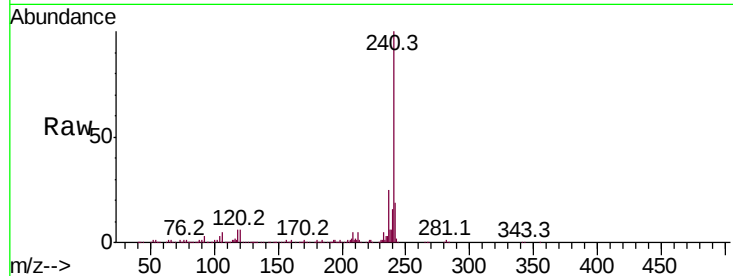
Tot Ion:240 Resp: 285859

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

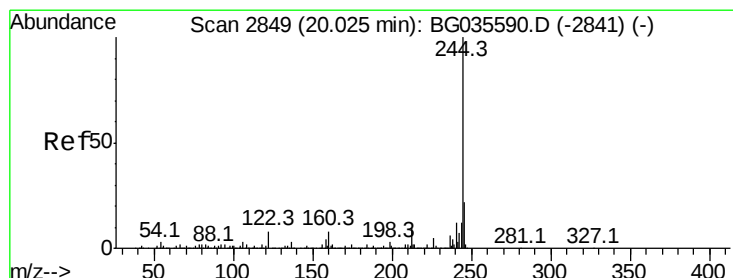
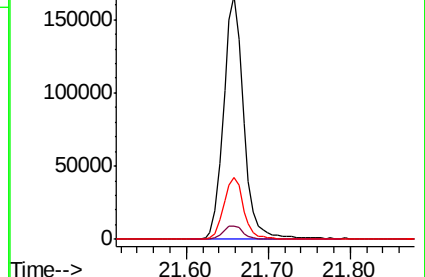
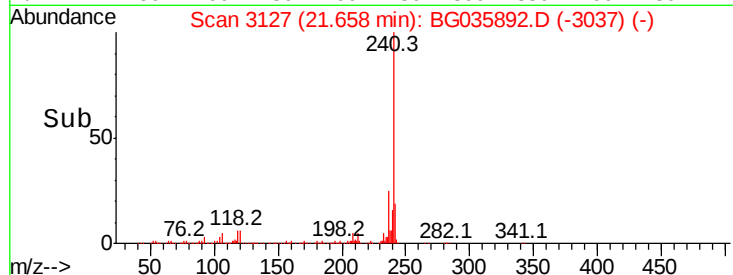
236 25.5 20.9 31.3



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: 60.731 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035892.D

Acq: 26 Jul 2018 2:57

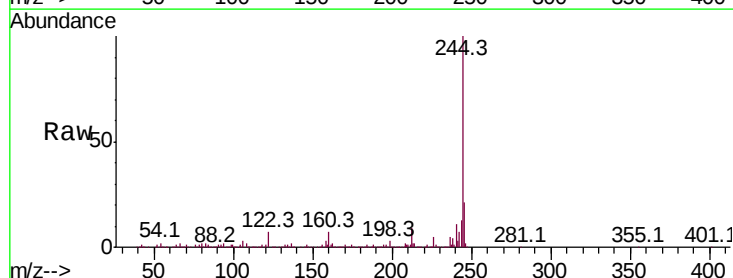
Tgt Ion:244 Resp: 787578

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

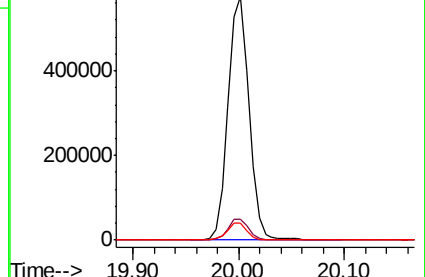
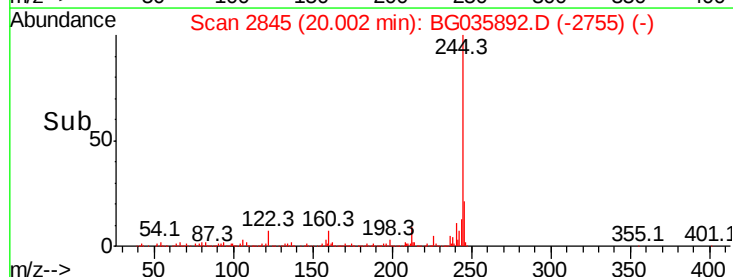
122 6.8 7.0 10.4#

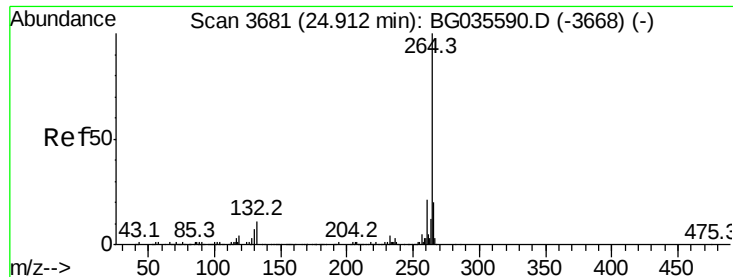


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG035892.D
Acq: 26 Jul 2018 2:57

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(90-92)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	21.2	17.7	26.5

