

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
 Data File : BG035557.D
 Acq On : 2 Jul 2018 19:00
 Operator : JU/SJ
 Sample : J3248-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-062818-B

Quant Time: Jul 03 05:07:29 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	2414	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	8881	20.00	ng	-0.02
38) Acenaphthene-d10	14.69	164	3607	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	7361	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	4763	20.00	ng	-0.03
86) Perylene-d12	24.92	264	4185	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	80498	562.75	ng	0.01
7) Phenol-d6	7.26	99	137528	651.41	ng	0.04
23) Nitrobenzene-d5	9.22	82	25251	135.15	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	5615	121.60	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	19760	71.22	ng	-0.02
78) Terphenyl-d14	20.03	244	43294	190.40	ng	-0.02

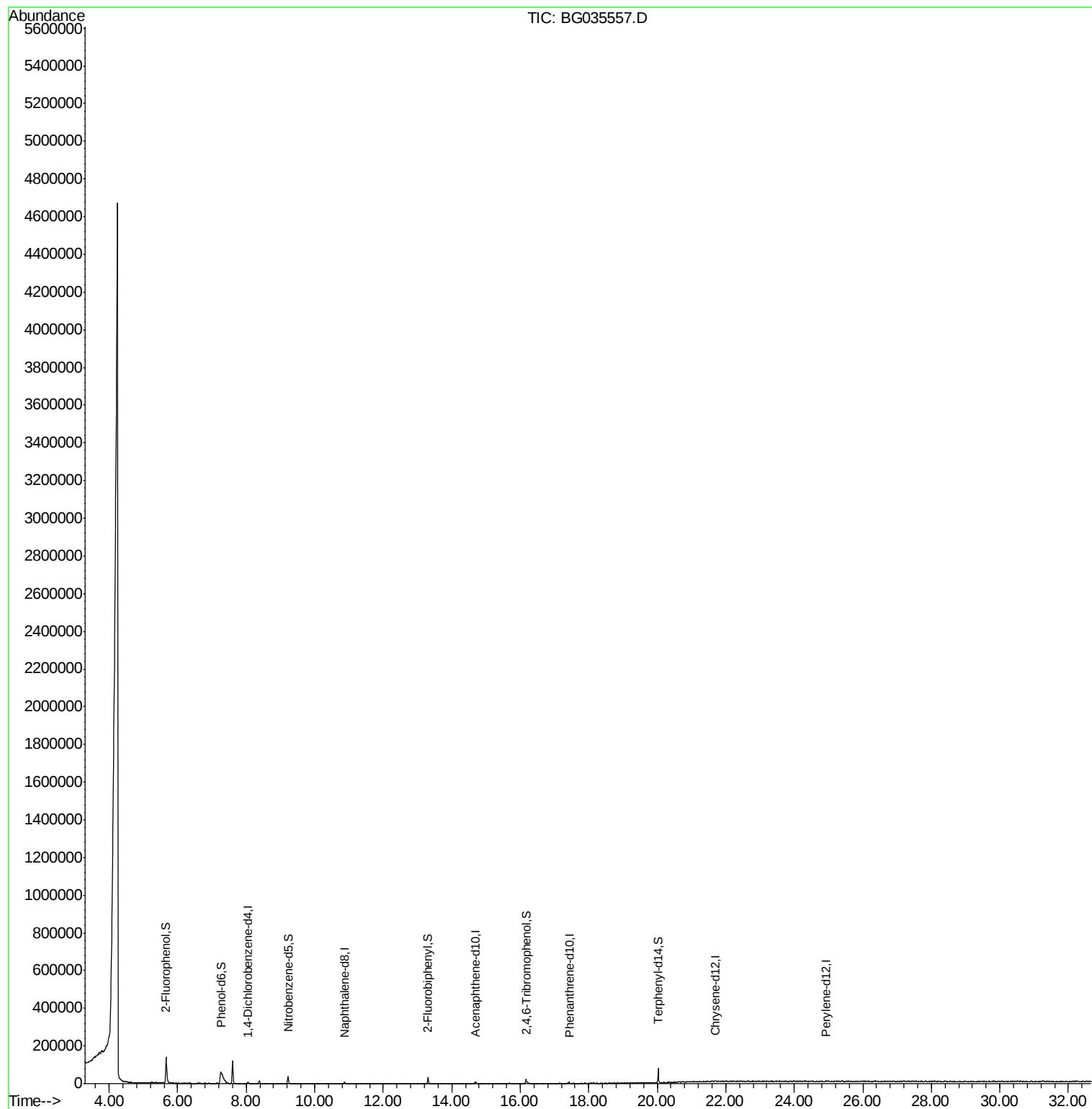
Target Compounds Qvalue

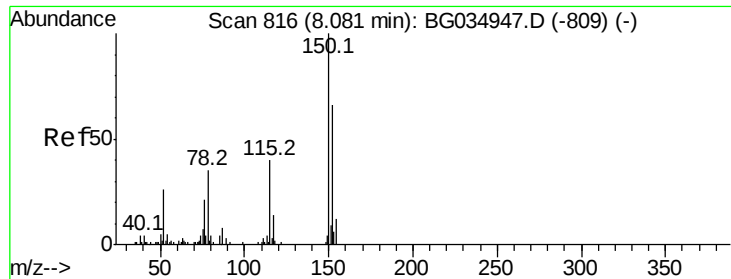
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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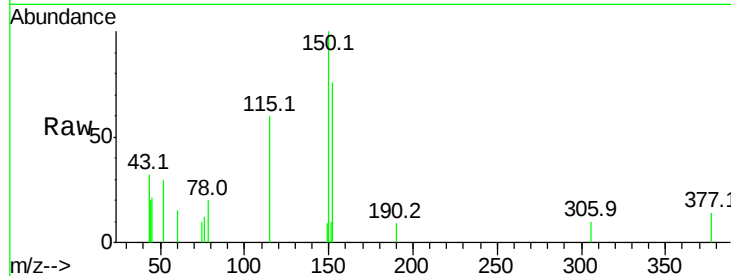


#1

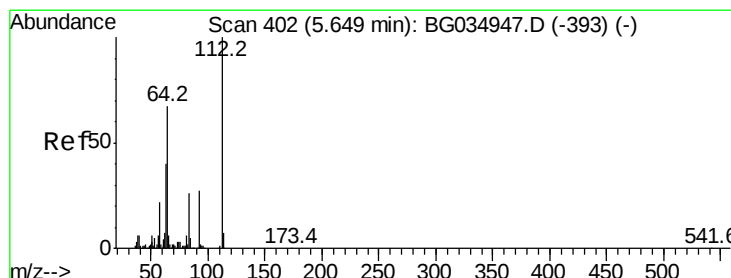
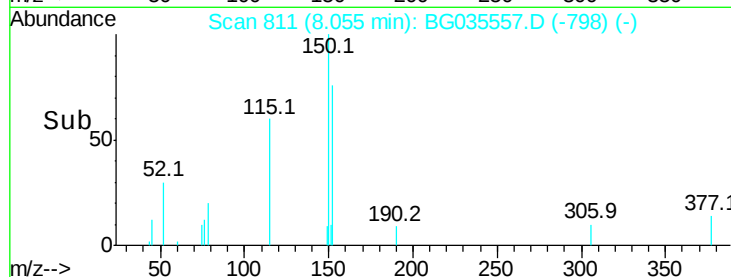
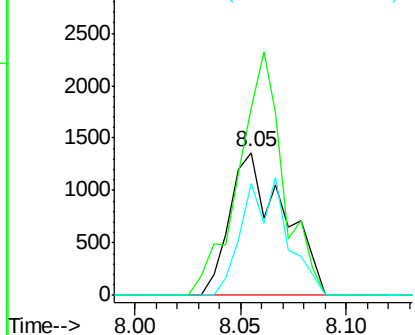
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035557.D
Acq: 2 Jul 2018 19:00

Instrument :
BNA_G
ClientSampleId :
EO-03-062818-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	131.3	126.6	189.8
115	78.2	53.0	79.4



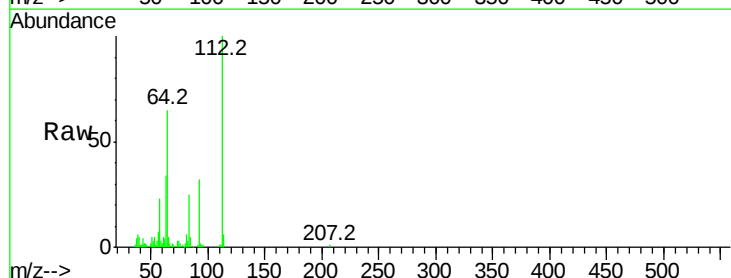
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



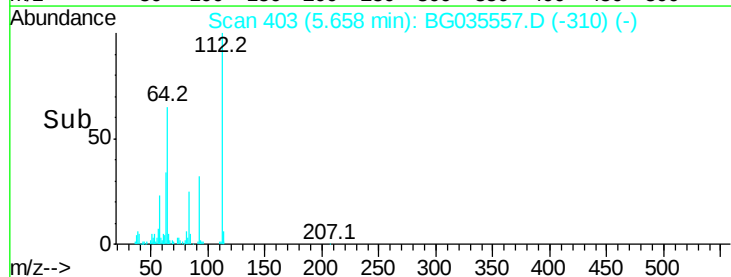
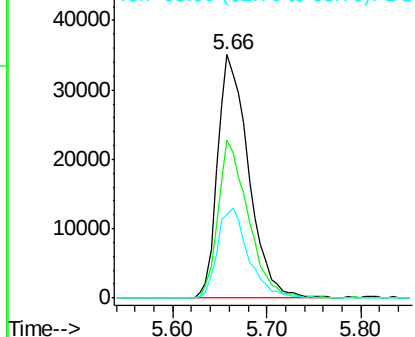
#5

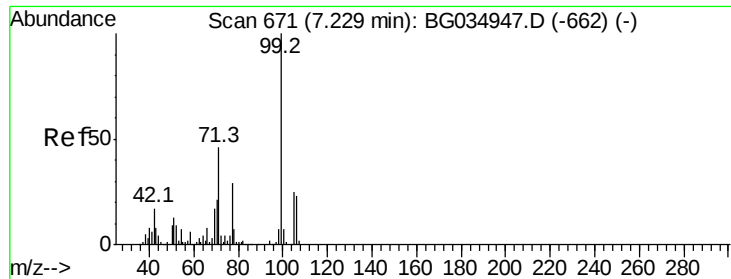
2-Fluorophenol
Concen: 562.755 ng
RT: 5.66 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG035557.D
Acq: 2 Jul 2018 19:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	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): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 651.413 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.04 min

Lab File: BG035557.D

Acq: 2 Jul 2018 19:00

Instrument :

BNA_G

ClientSampleId :

EO-03-062818-B

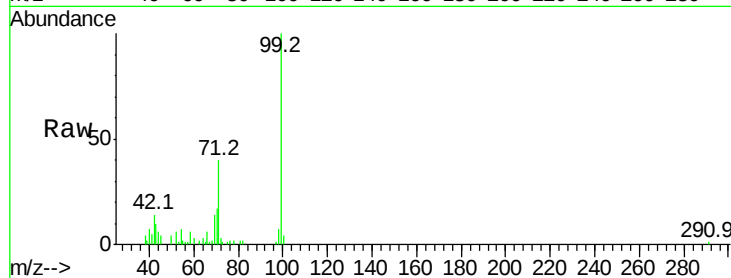
Tot Ion: 99 Resp: 137528

Ion Ratio Lower Upper

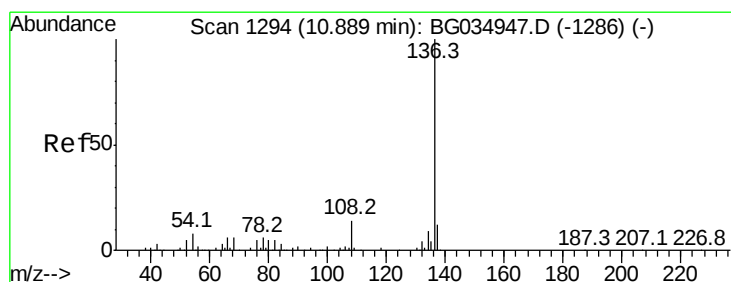
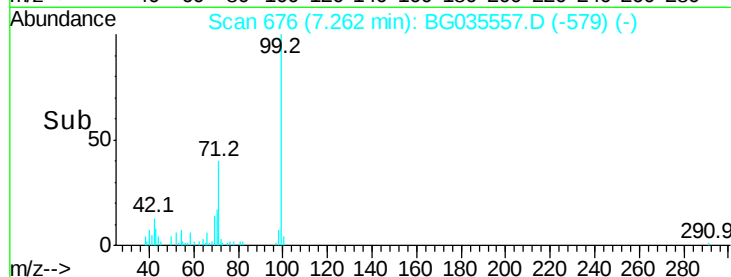
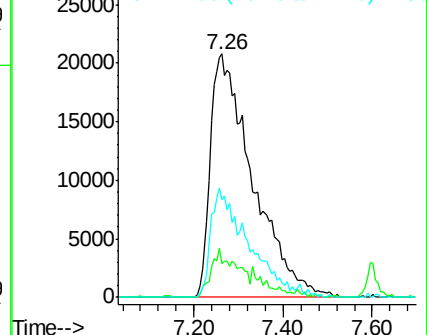
99 100

42 13.9 14.1 21.1#

71 40.1 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: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035557.D

Acq: 2 Jul 2018 19:00

Tgt Ion: 136 Resp: 8881

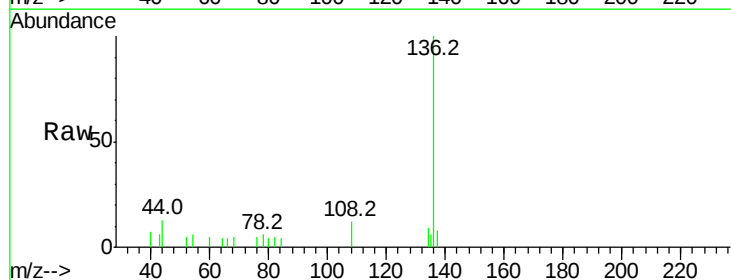
Ion Ratio Lower Upper

136 100

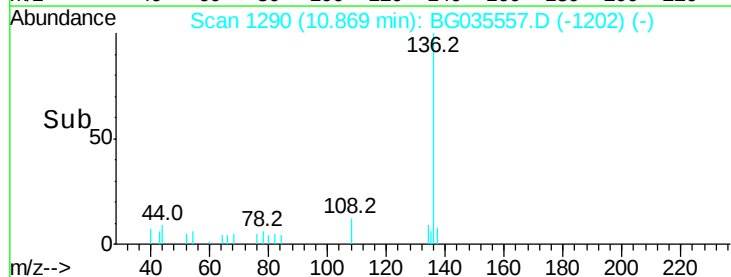
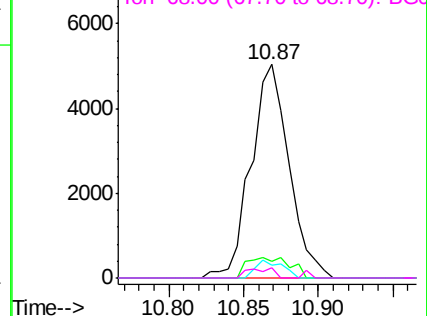
137 7.5 9.2 13.8#

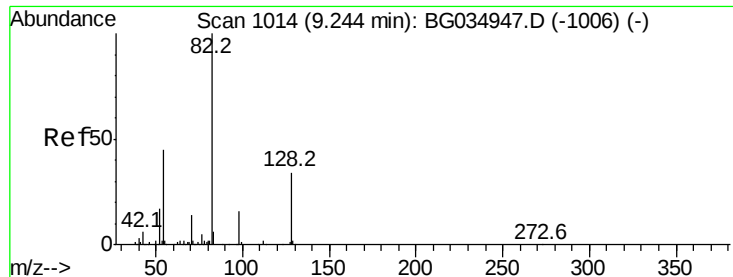
54 6.3 10.3 15.5#

68 4.9 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

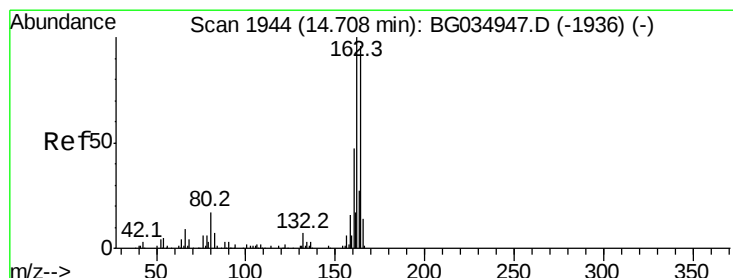
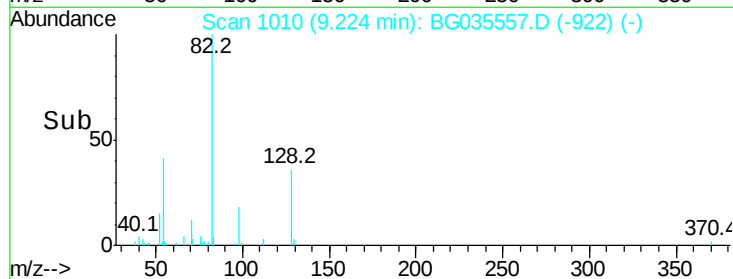
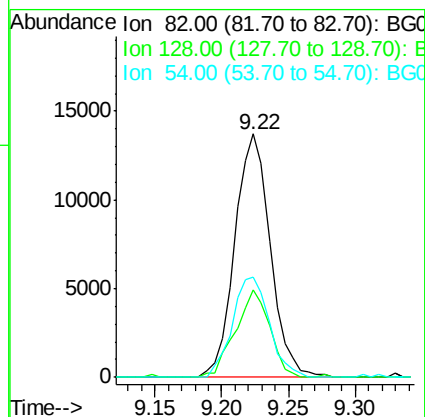
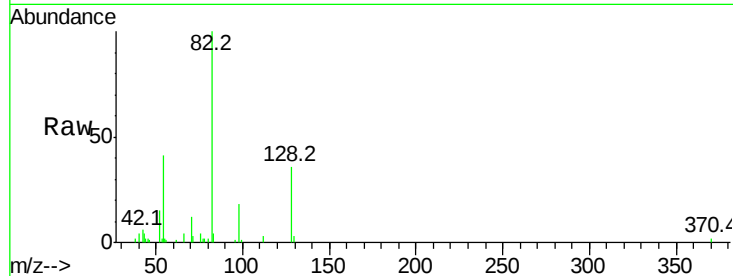




#23
Nitrobenzene-d5
Concen: 135.153 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035557.D
Acq: 2 Jul 2018 19:00

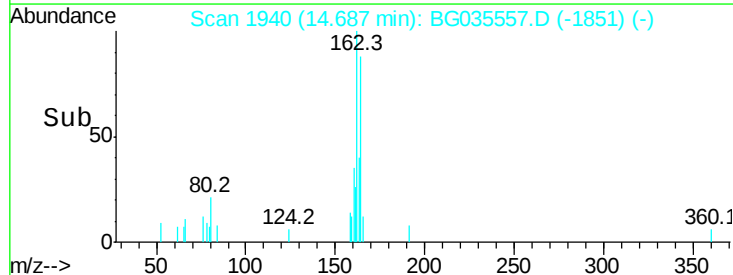
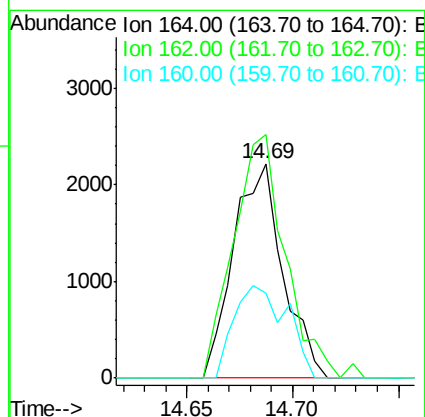
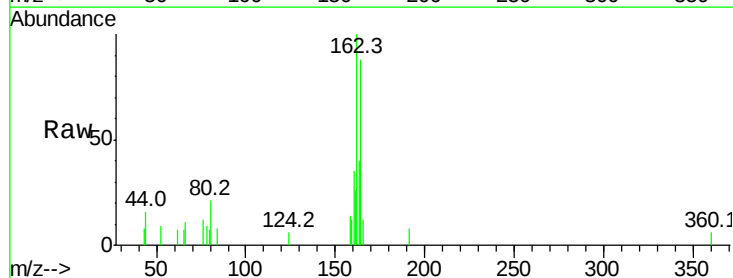
Instrument :
BNA_G
ClientSampleId :
EO-03-062818-B

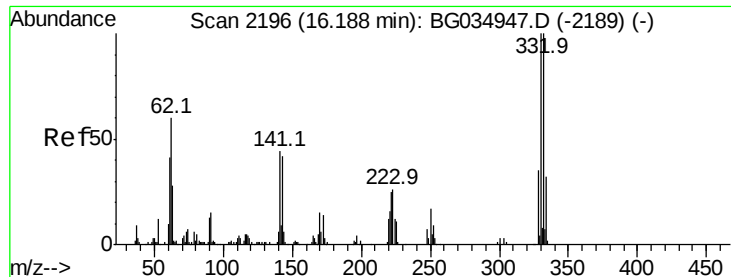
Tot Ion: 82 Resp: 25251
Ion Ratio Lower Upper
82 100
128 36.0 29.7 44.5
54 41.1 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035557.D
Acq: 2 Jul 2018 19:00

Tgt Ion:164 Resp: 3607
Ion Ratio Lower Upper
164 100
162 113.7 78.8 118.2
160 39.8 35.4 53.0

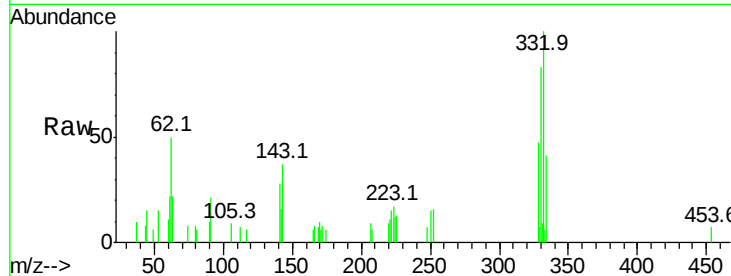




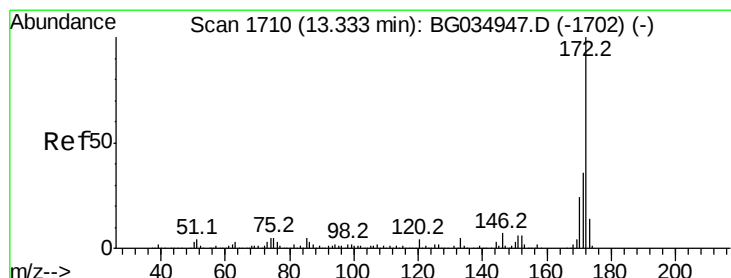
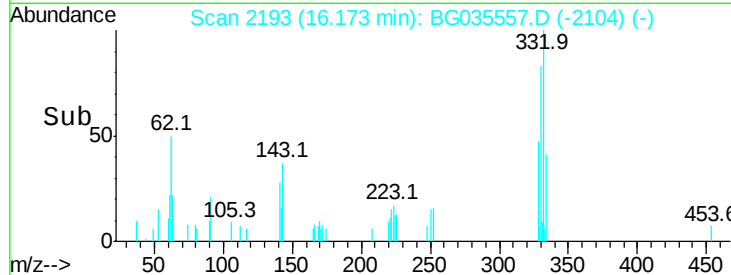
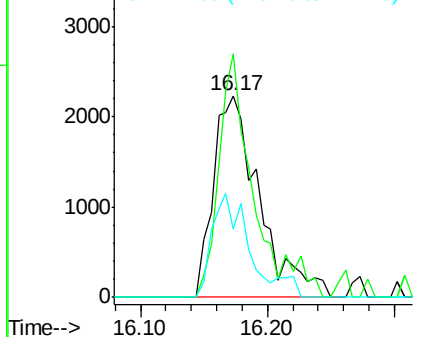
#41
 2,4,6-Tribromophenol
 Concen: 121.605 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035557.D
 Acq: 2 Jul 2018 19:00

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-062818-B

Tot Ion:330 Resp: 5615
 Ion Ratio Lower Upper
 330 100
 332 81.2 77.0 115.6
 141 38.2 25.2 37.8#

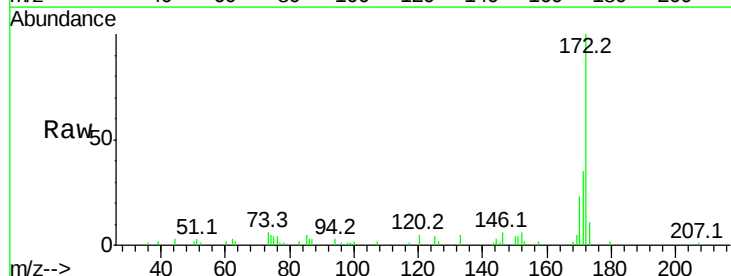


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

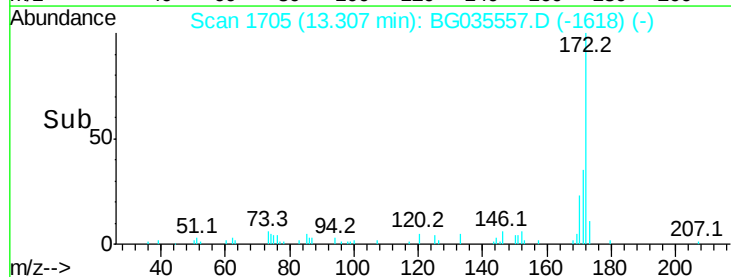
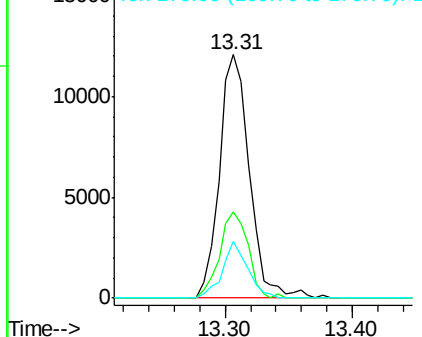


#44
 2-Fluorobiphenyl
 Concen: 71.217 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035557.D
 Acq: 2 Jul 2018 19:00

Tgt Ion:172 Resp: 19760
 Ion Ratio Lower Upper
 172 100
 171 35.1 30.0 45.0
 170 23.1 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

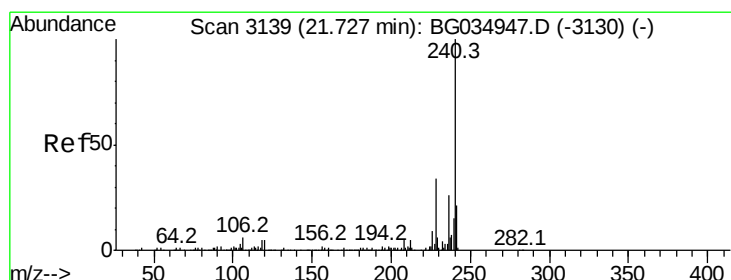
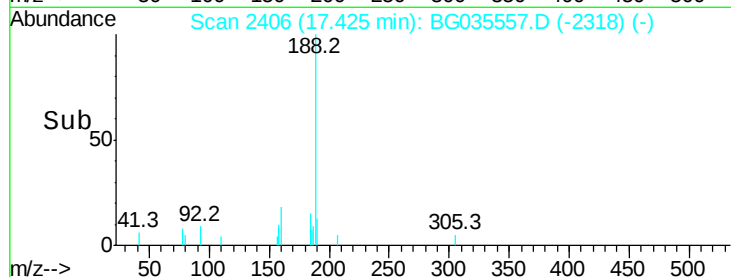
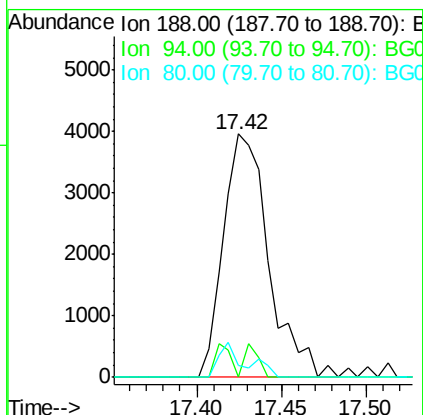
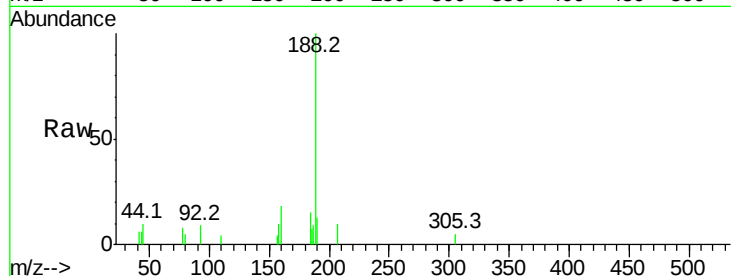




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035557.D
Acq: 2 Jul 2018 19:00

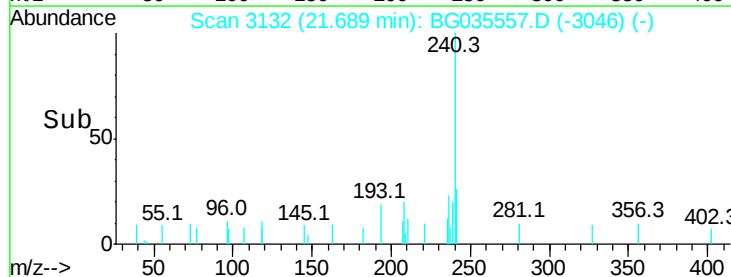
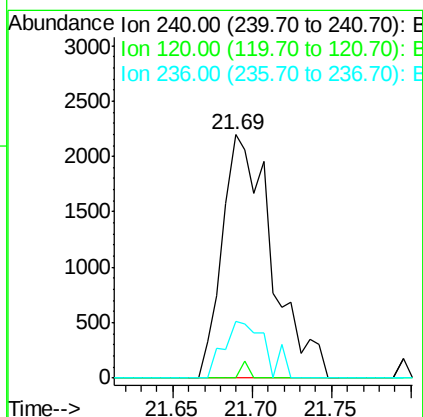
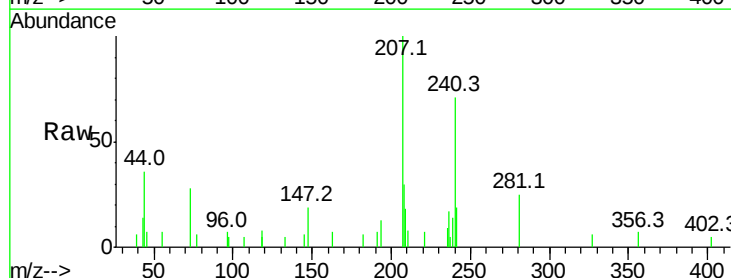
Instrument :
BNA_G
ClientSampleId :
EO-03-062818-B

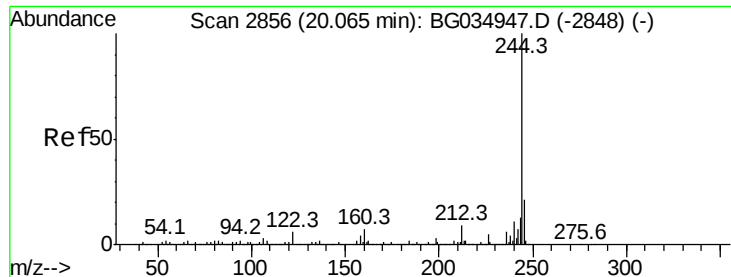
Tot Ion:188 Resp: 7361
Ion Ratio Lower Upper
188 100
94 0.0 6.9 10.3#
80 5.1 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035557.D
Acq: 2 Jul 2018 19:00

Tgt Ion:240 Resp: 4763
Ion Ratio Lower Upper
240 100
120 0.0 6.8 10.2#
236 23.4 20.9 31.3





#78

Terphenyl-d14

Concen: 190.399 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035557.D

Acq: 2 Jul 2018 19:00

Instrument :

BNA_G

ClientSampleId :

EO-03-062818-B

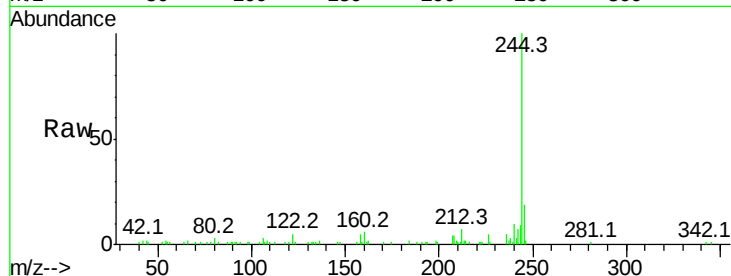
Tot Ion:244 Resp: 43294

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

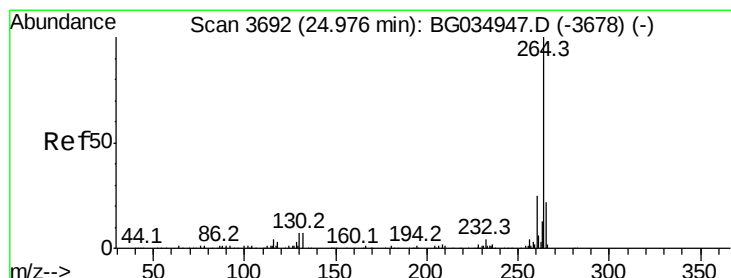
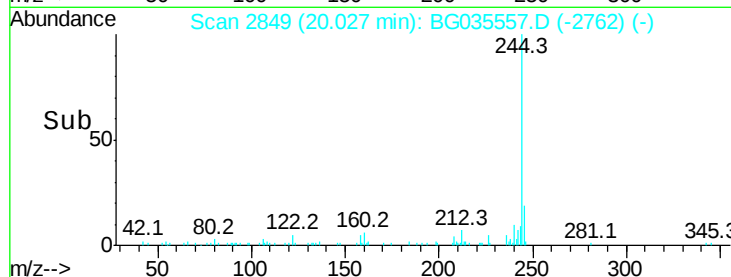
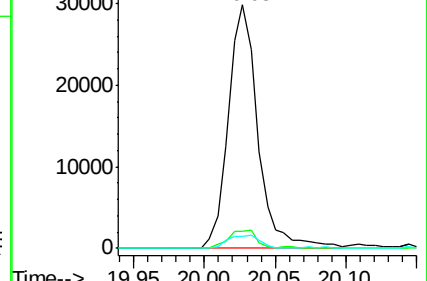
122 4.8 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3682

Delta R.T. -0.03 min

Lab File: BG035557.D

Acq: 2 Jul 2018 19:00

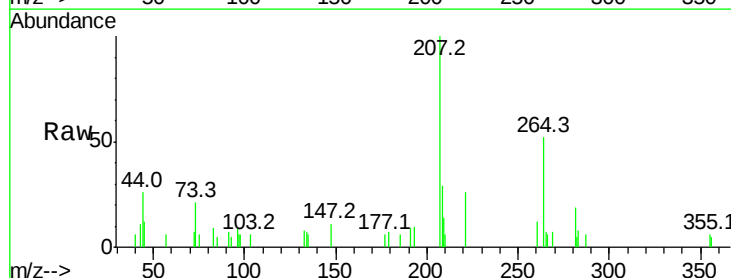
Tgt Ion:264 Resp: 4185

Ion Ratio Lower Upper

264 100

260 22.2 17.4 26.0

265 12.8 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

