

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111918\
 Data File : BG038067.D
 Acq On : 19 Nov 2018 18:05
 Operator : JU/SJ
 Sample : J5989-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ES-RO-343

Quant Time: Nov 20 02:51:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	46155	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	195211	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	120682	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	278725	20.00	ng	0.00
76) Chrysene-d12	21.75	240	269853	20.00	ng	0.00
87) Perylene-d12	25.07	264	268462	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	309343	115.72	ng	0.00
7) Phenol-d6	7.24	99	387077	101.44	ng	0.00
23) Nitrobenzene-d5	9.26	82	297157	81.49	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	133955	97.33	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	671471	81.06	ng	0.00
79) Terphenyl-d14	20.07	244	1003842	87.53	ng	0.00

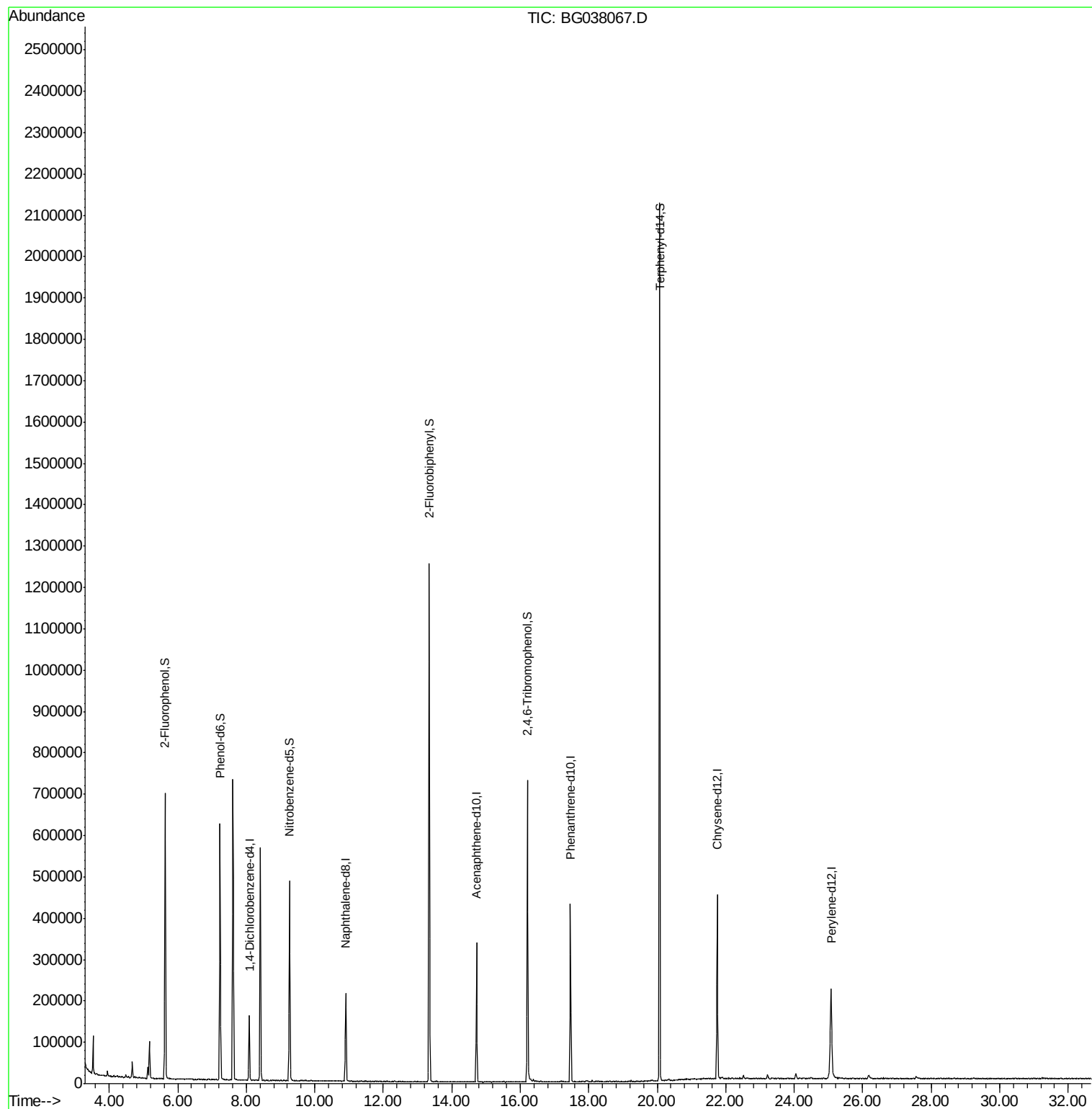
Target Compounds Qvalue

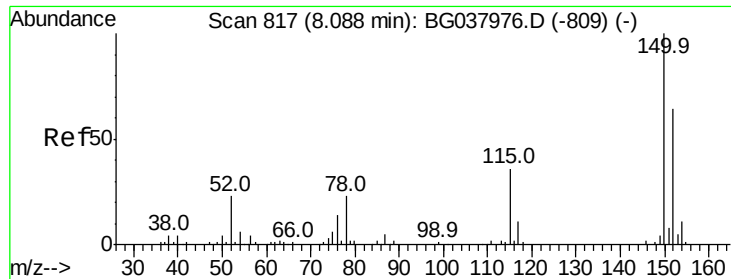
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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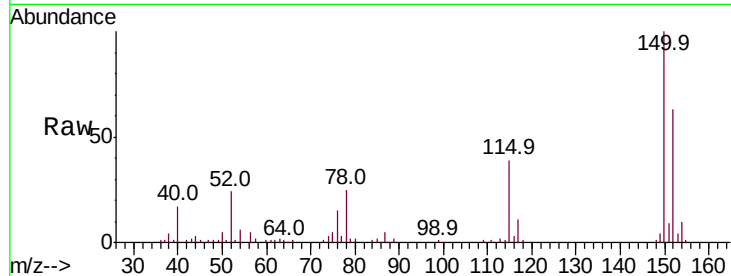


#1

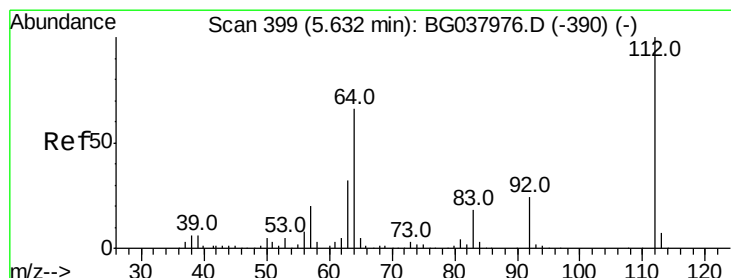
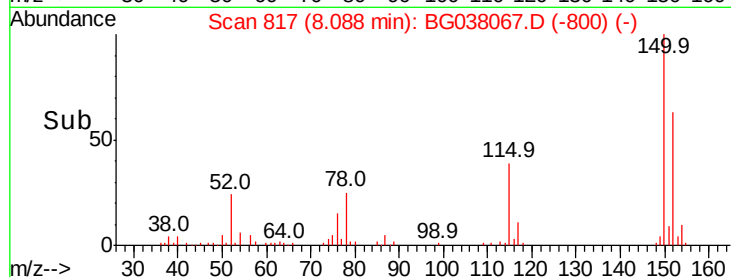
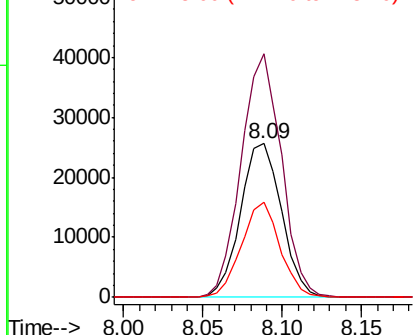
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038067.D
Acq: 19 Nov 2018 18:05

Instrument :
BNA_G
ClientSampleId :
ES-RO-343

Tot Ion:152 Resp: 46155
Ion Ratio Lower Upper
152 100
150 158.3 126.0 189.0
115 61.8 45.5 68.3



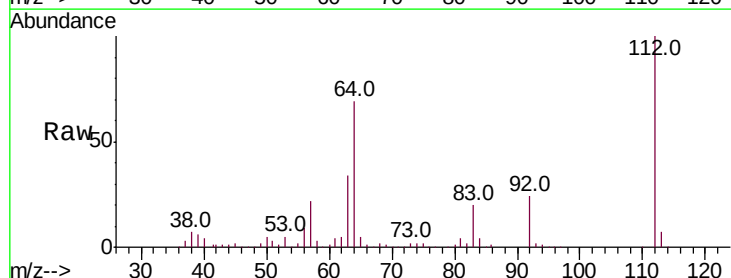
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



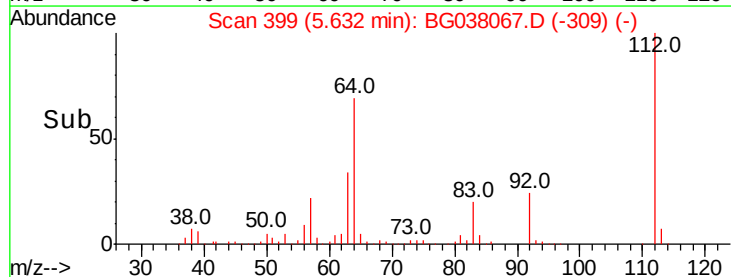
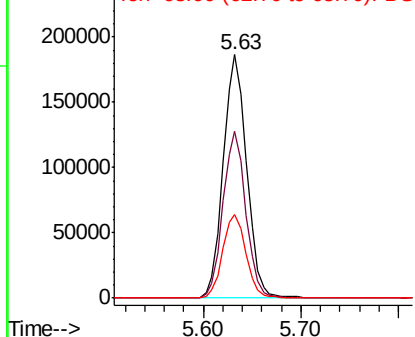
#5

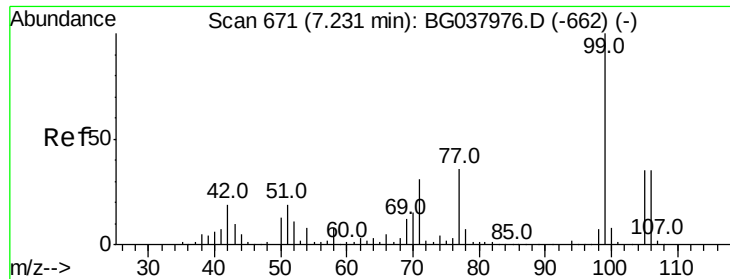
2-Fluorophenol
Concen: 115.719 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038067.D
Acq: 19 Nov 2018 18:05

Tgt Ion:112 Resp: 309343
Ion Ratio Lower Upper
112 100
64 68.8 53.1 79.7
63 34.4 27.3 40.9



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: 101.439 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038067.D

Acq: 19 Nov 2018 18:05

Instrument :

BNA_G

ClientSampleId :

ES-RO-343

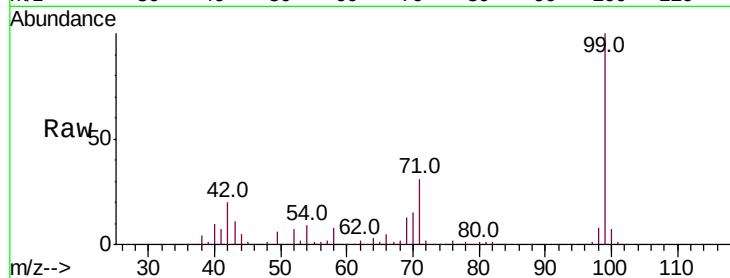
Tot Ion: 99 Resp: 387077

Ion Ratio Lower Upper

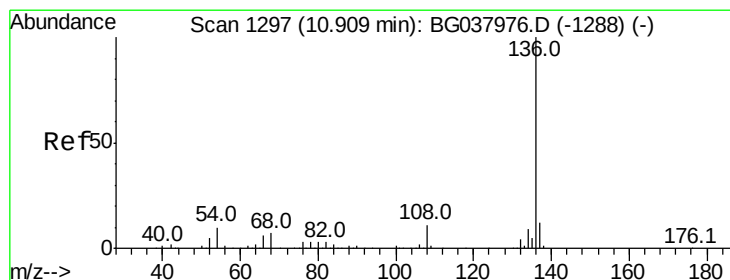
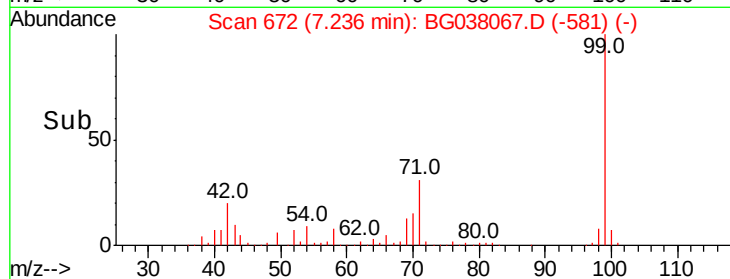
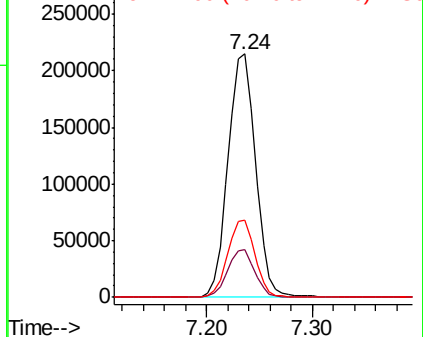
99 100

42 19.9 15.0 22.4

71 31.5 25.5 38.3



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: 10.91 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG038067.D

Acq: 19 Nov 2018 18:05

Tgt Ion: 136 Resp: 195211

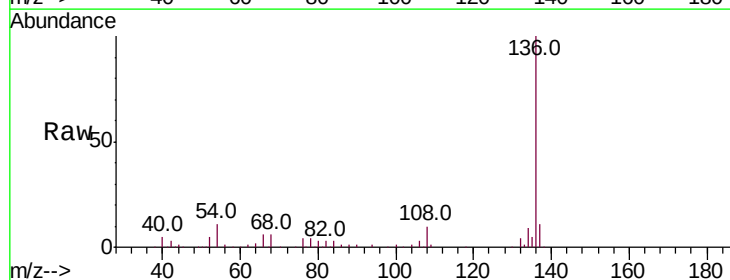
Ion Ratio Lower Upper

136 100

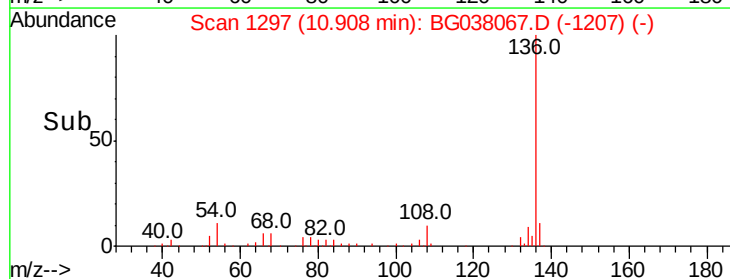
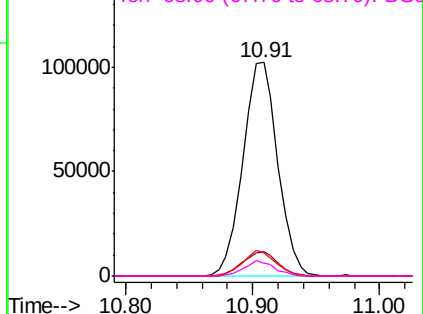
137 11.4 9.6 14.4

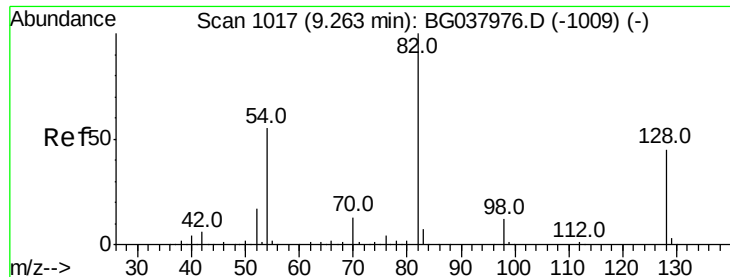
54 10.7 7.9 11.9

68 6.3 4.8 7.2



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: 81.486 ng

RT: 9.26 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BG038067.D

Acq: 19 Nov 2018 18:05

Instrument :

BNA_G

ClientSampleId :

ES-RO-343

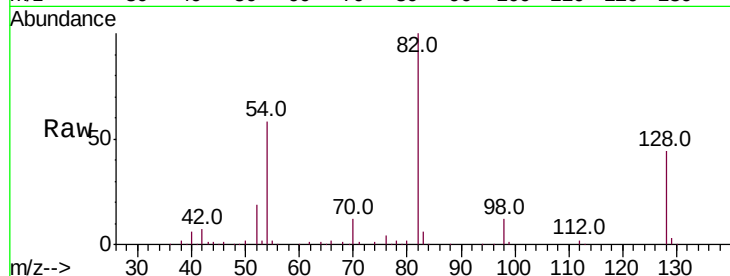
Tot Ion: 82 Resp: 297157

Ion Ratio Lower Upper

82 100

128 43.8 34.6 51.8

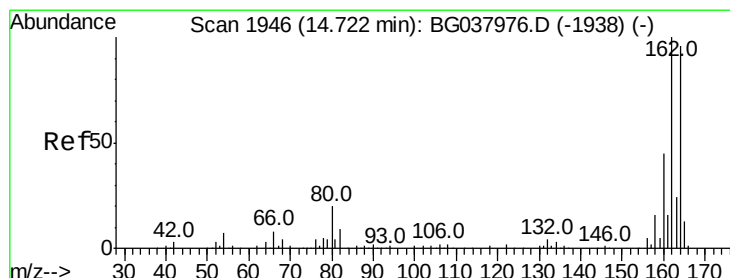
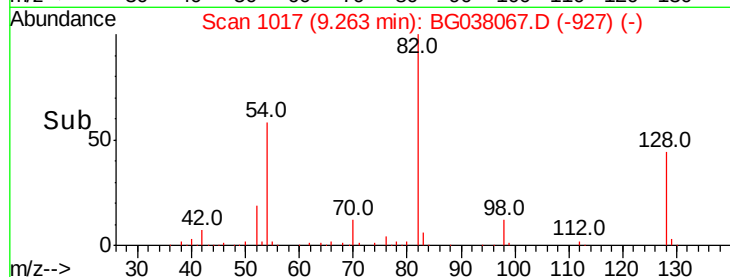
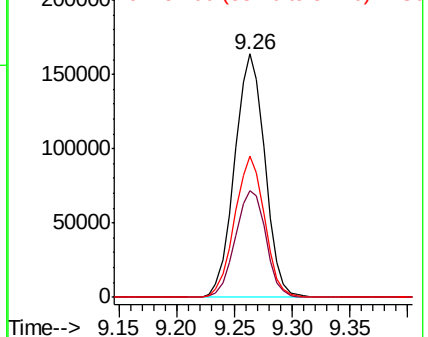
54 58.0 45.3 67.9



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG038067.D

Acq: 19 Nov 2018 18:05

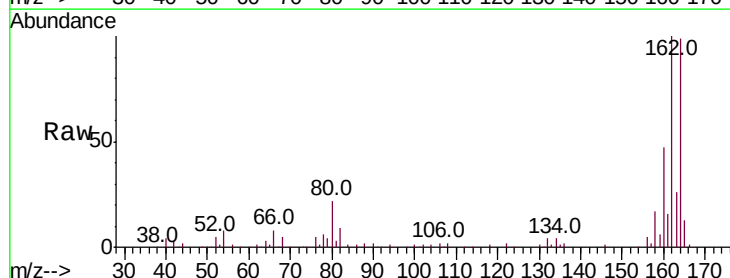
Tgt Ion:164 Resp: 120682

Ion Ratio Lower Upper

164 100

162 100.9 81.3 121.9

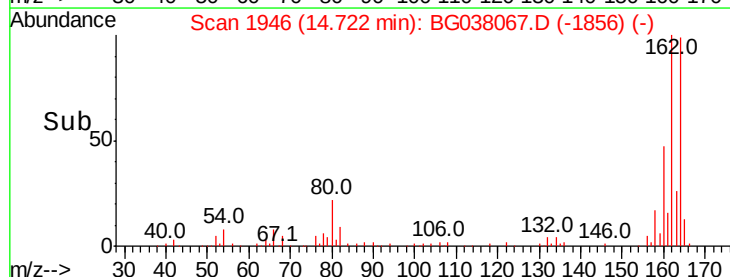
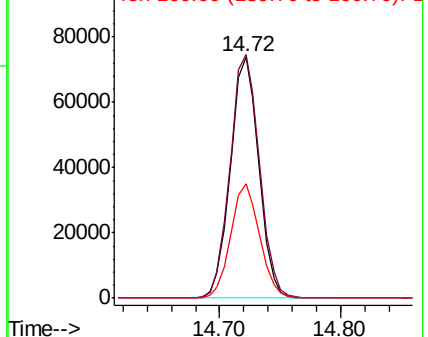
160 47.2 36.3 54.5

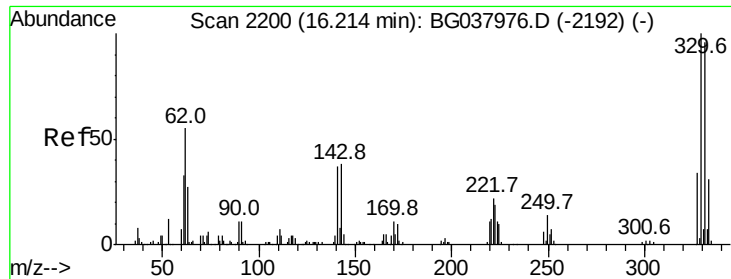


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 97.326 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038067.D

Acq: 19 Nov 2018 18:05

Instrument :

BNA_G

ClientSampleId :

ES-RO-343

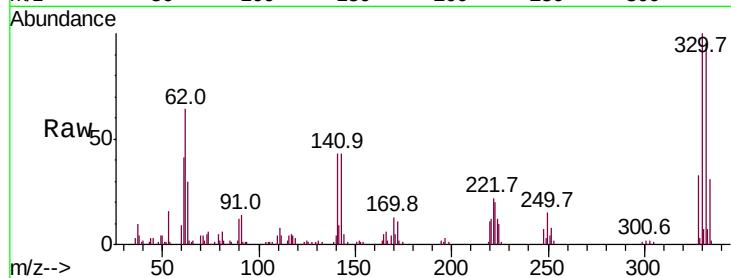
Tot Ion:330 Resp: 133955

Ion Ratio Lower Upper

330 100

332 97.3 78.4 117.6

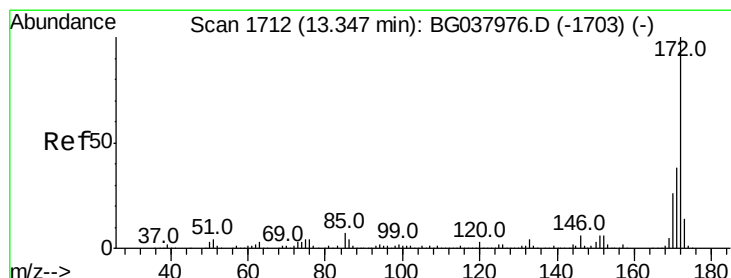
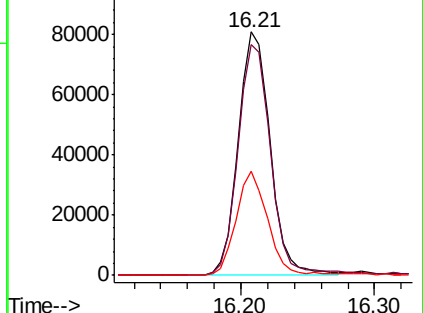
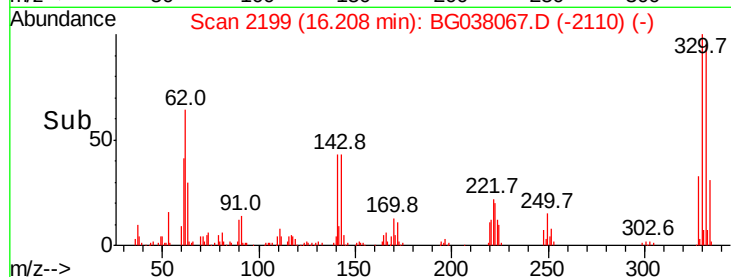
141 42.4 32.2 48.2



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



#45

2-Fluorobiphenyl

Concen: 81.059 ng

RT: 13.34 min Scan# 1711

Delta R.T. -0.01 min

Lab File: BG038067.D

Acq: 19 Nov 2018 18:05

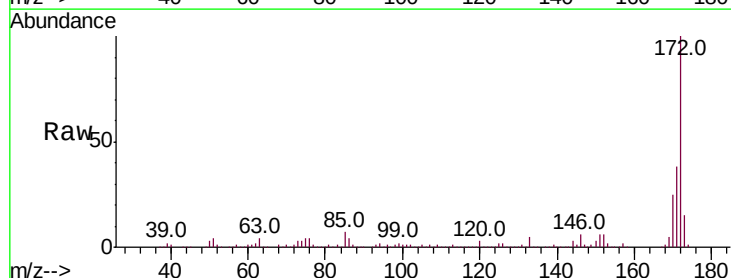
Tgt Ion:172 Resp: 671471

Ion Ratio Lower Upper

172 100

171 38.1 31.0 46.4

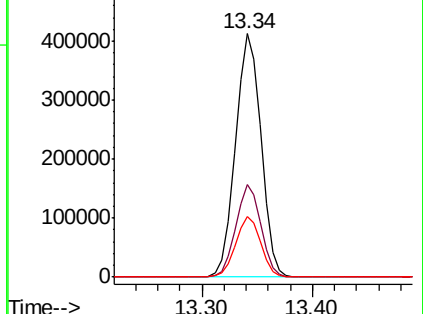
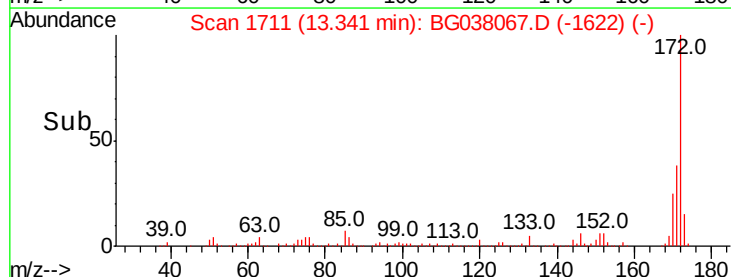
170 24.8 20.2 30.2

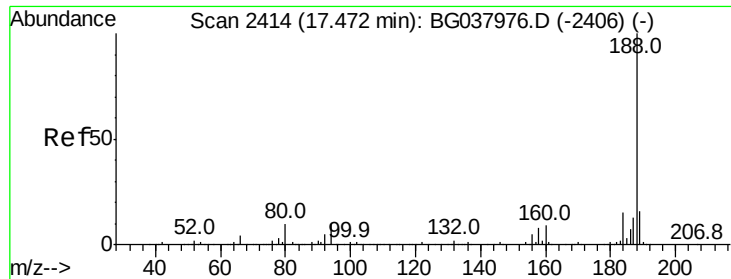


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG038067.D

Acq: 19 Nov 2018 18:05

Instrument :

BNA_G

ClientSampleId :

ES-RO-343

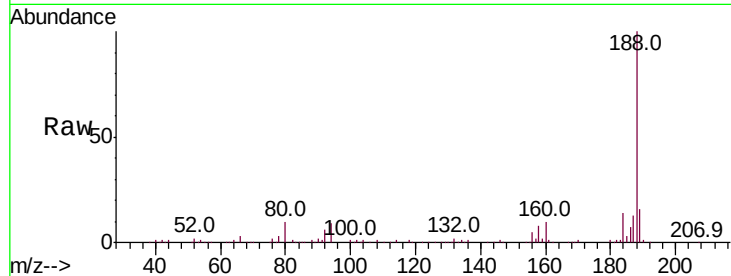
Tot Ion:188 Resp: 278725

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

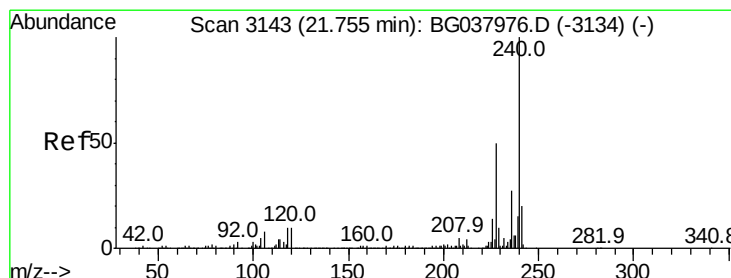
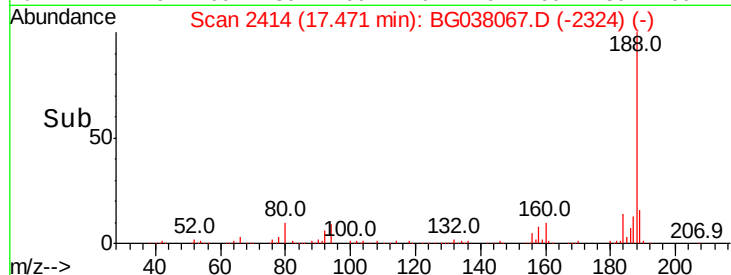
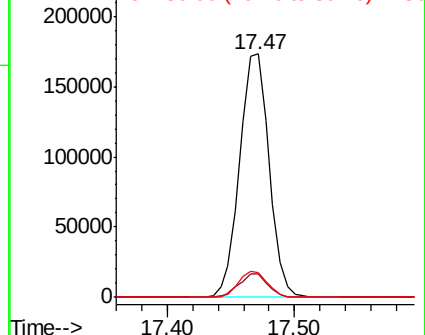
80 10.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG038067.D

Acq: 19 Nov 2018 18:05

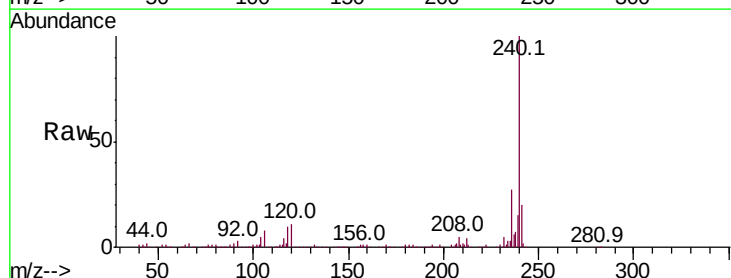
Tgt Ion:240 Resp: 269853

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

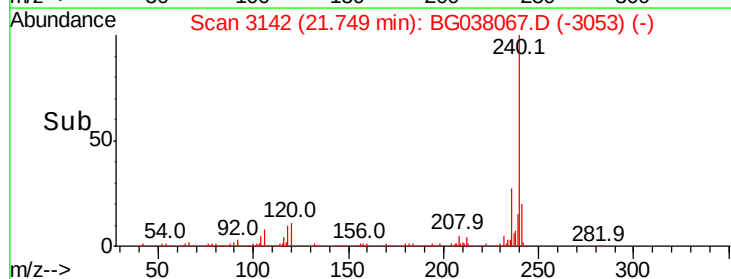
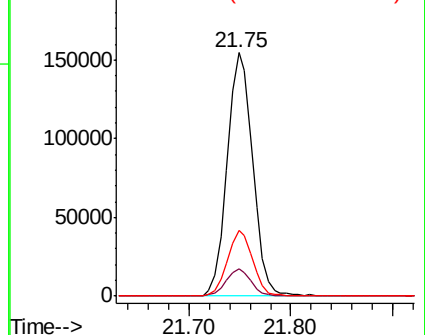
236 27.2 21.4 32.0

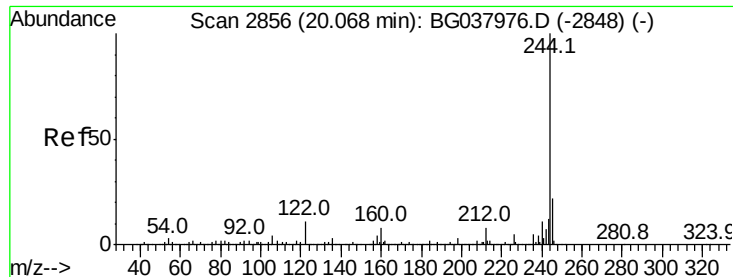


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



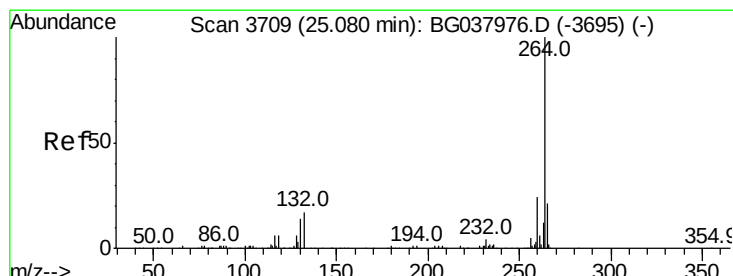
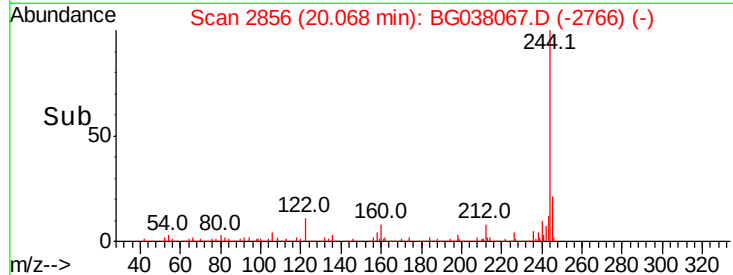
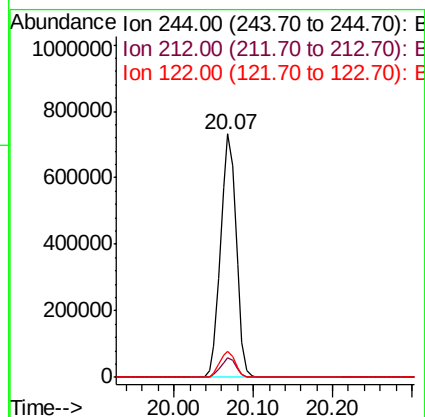
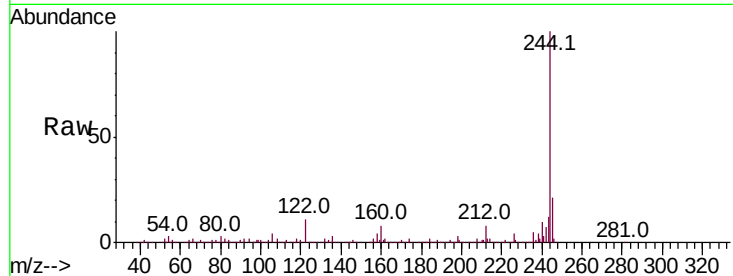


#79
 Terphenyl-d14
 Concen: 87.531 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. 0.00 min
 Lab File: BG038067.D
 Acq: 19 Nov 2018 18:05

Instrument :
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 ES-RO-343

Tot Ion:244 Resp: 1003842

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	10.8	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3708
 Delta R.T. -0.01 min
 Lab File: BG038067.D
 Acq: 19 Nov 2018 18:05

Tgt Ion:264 Resp: 268462

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.4
265	21.6	17.9	26.9

