

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
 Data File : BG038442.D
 Acq On : 10 Dec 2018 17:00
 Operator : JU/SJ
 Sample : J6196-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-120718-A

Quant Time: Dec 10 18:02:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	24304	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	103324	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	70048	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	181739	20.00	ng	0.00
76) Chrysene-d12	21.73	240	178113	20.00	ng	0.00
87) Perylene-d12	25.04	264	183889	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	187444	136.48	ng	0.00
7) Phenol-d6	7.22	99	367416	185.10	ng	0.00
23) Nitrobenzene-d5	9.25	82	178267	85.66	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	144277	167.78	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	433689	88.22	ng	0.00
79) Terphenyl-d14	20.05	244	858320	103.23	ng	0.00

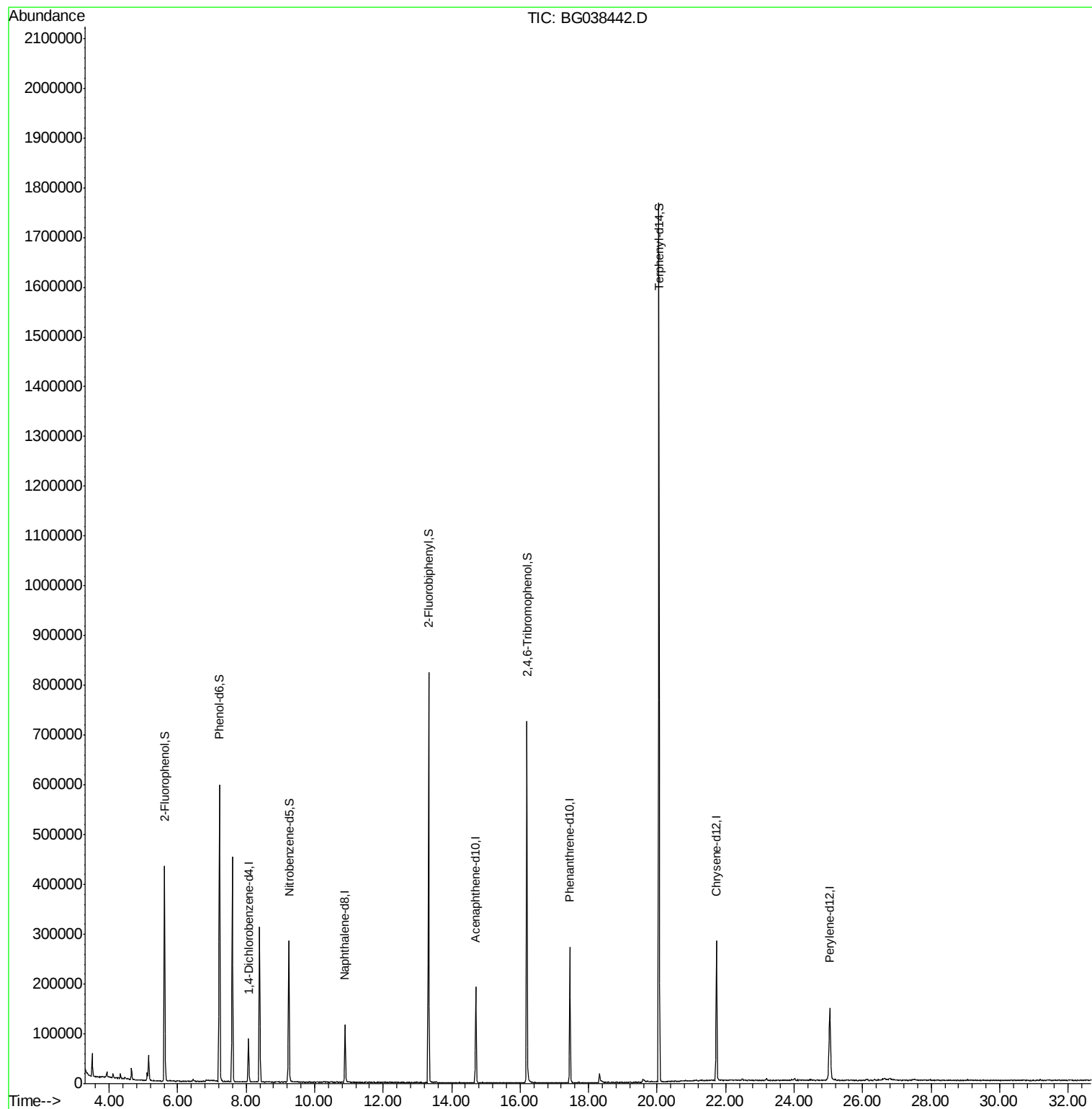
Target Compounds Qvalue

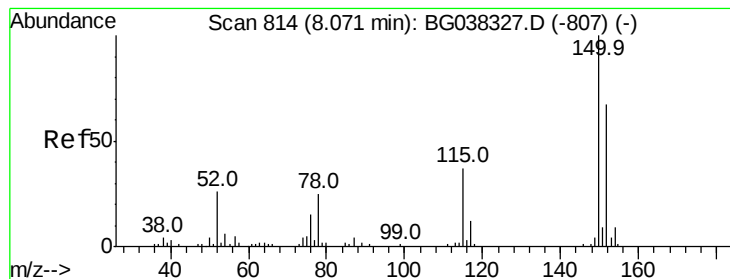
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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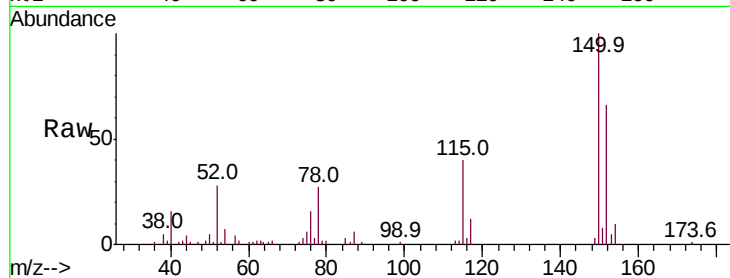


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG038442.D
Acq: 10 Dec 2018 17:00

Instrument :
BNA_G
ClientSampleId :
EO-03-120718-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	126.0	189.0
115	60.6	45.5	68.3

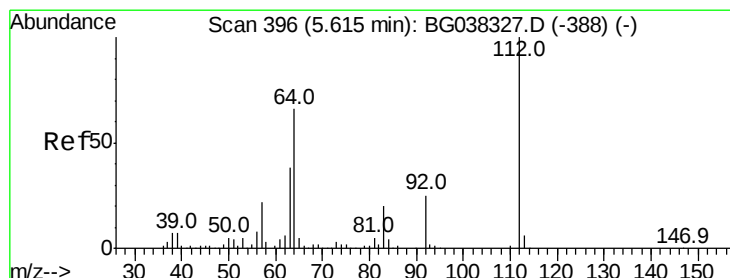
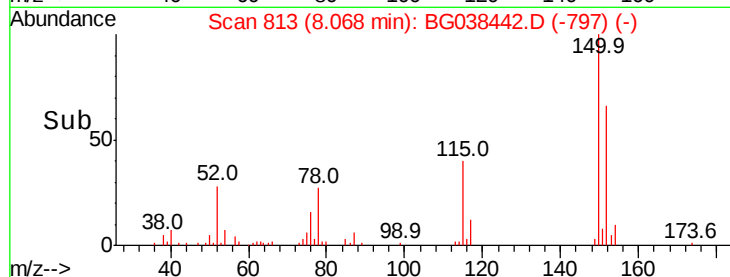
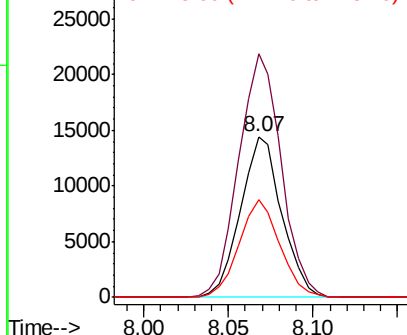


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

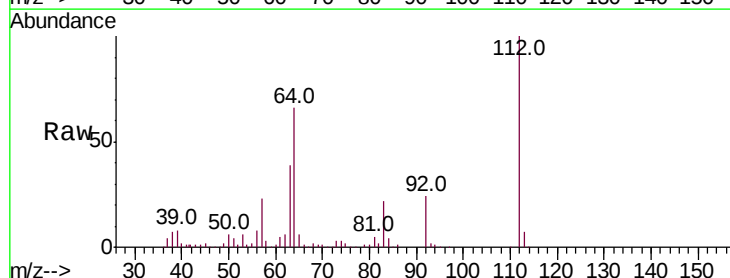
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 136.483 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG038442.D
Acq: 10 Dec 2018 17:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.6	53.1	79.7
63	38.5	27.3	40.9

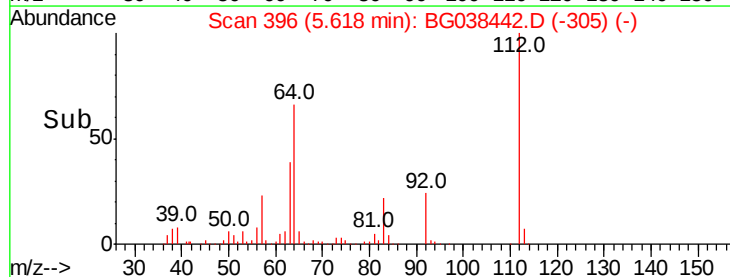
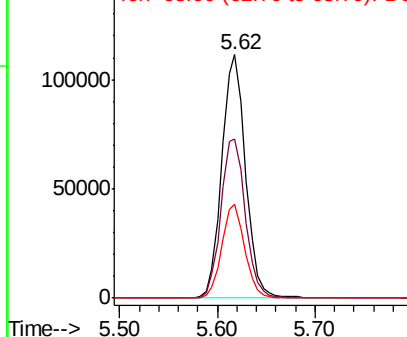


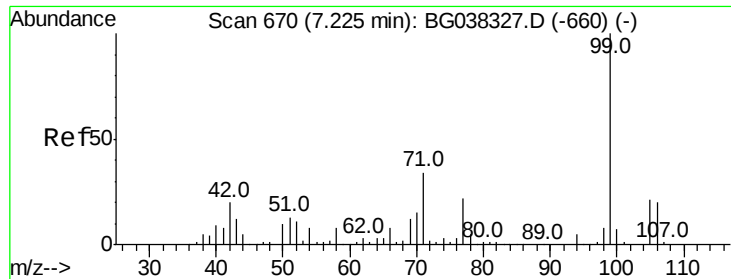
Abundance

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: 185.096 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG038442.D

Acq: 10 Dec 2018 17:00

Instrument :

BNA_G

ClientSampleId :

EO-03-120718-A

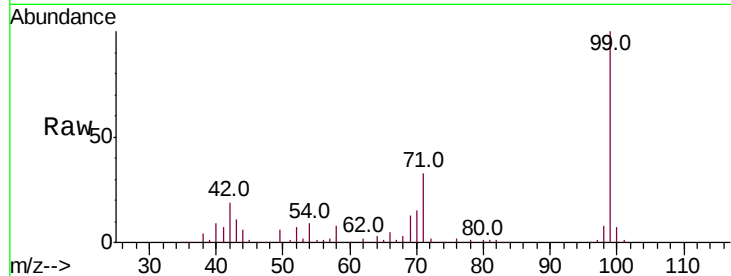
Tot Ion: 99 Resp: 367416

Ion Ratio Lower Upper

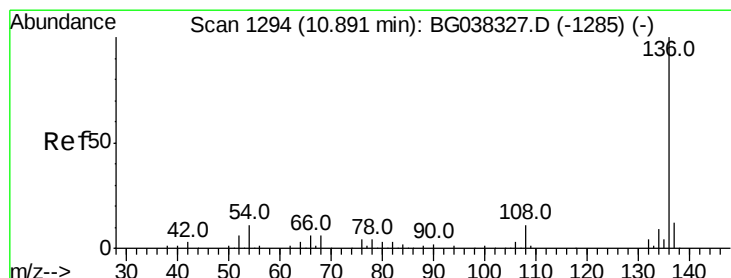
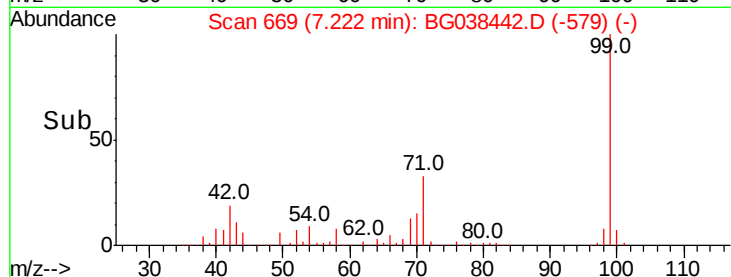
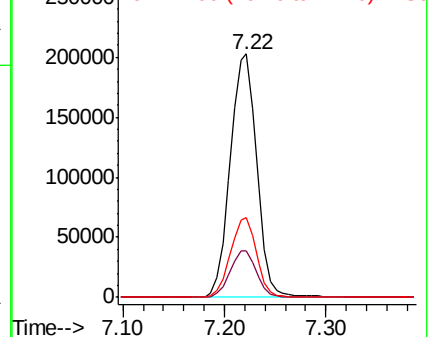
99 100

42 19.2 15.0 22.4

71 32.5 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: 10.89 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BG038442.D

Acq: 10 Dec 2018 17:00

Tgt Ion: 136 Resp: 103324

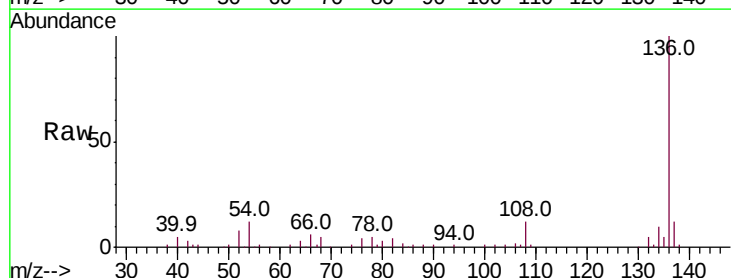
Ion Ratio Lower Upper

136 100

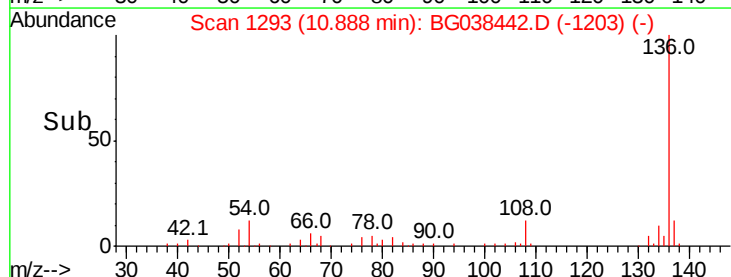
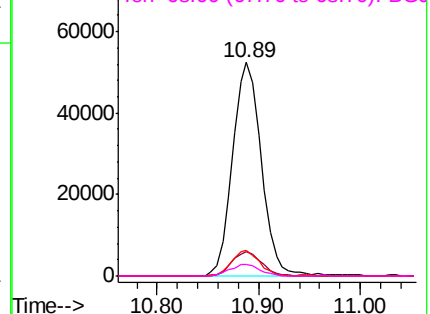
137 11.7 9.6 14.4

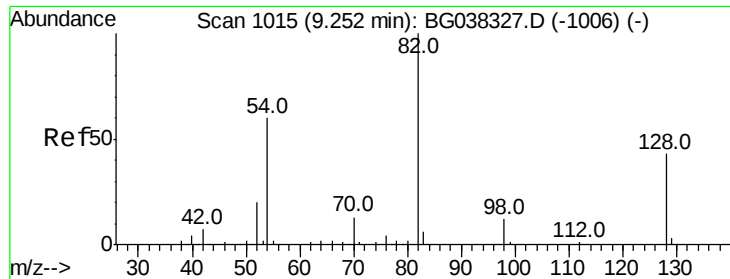
54 12.0 7.9 11.9#

68 5.4 4.8 7.2



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: 85.658 ng

RT: 9.25 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BG038442.D

Acq: 10 Dec 2018 17:00

Instrument :

BNA_G

ClientSampleId :

EO-03-120718-A

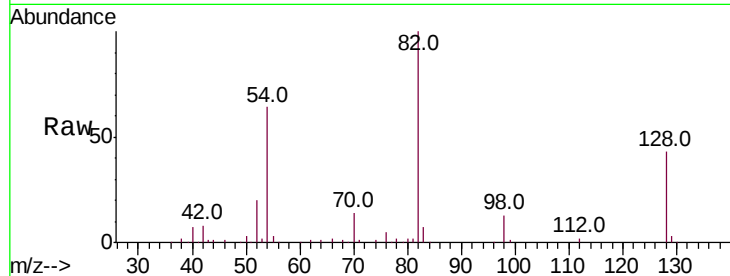
Tot Ion: 82 Resp: 178267

Ion Ratio Lower Upper

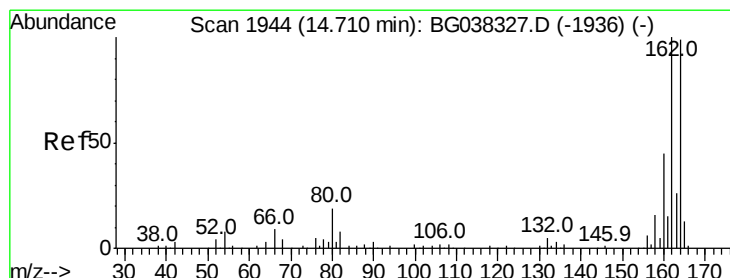
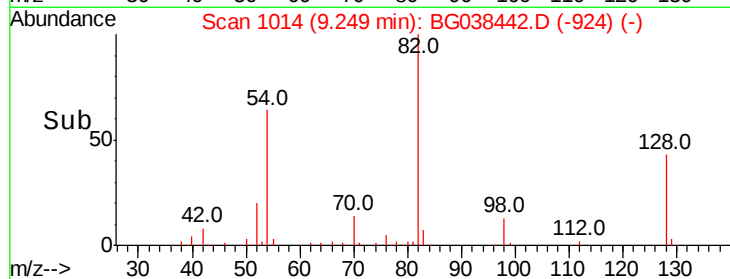
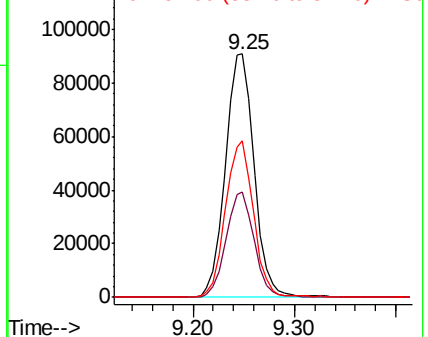
82 100

128 43.2 34.6 51.8

54 64.3 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: 14.71 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG038442.D

Acq: 10 Dec 2018 17:00

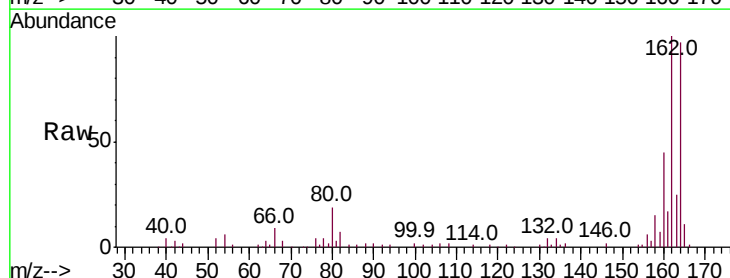
Tgt Ion:164 Resp: 70048

Ion Ratio Lower Upper

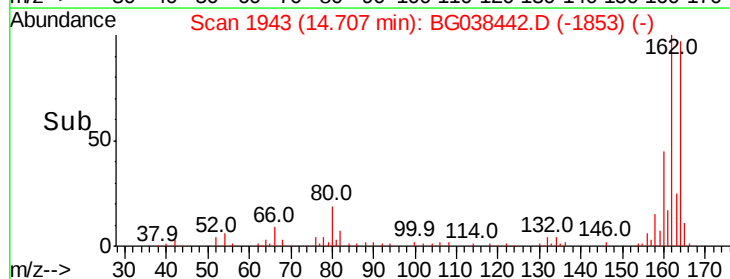
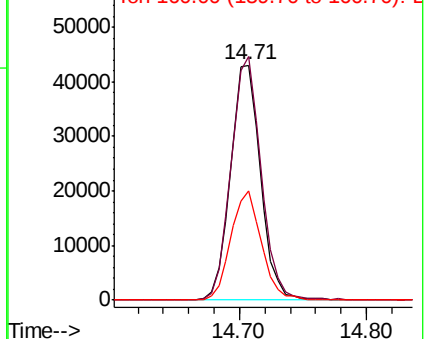
164 100

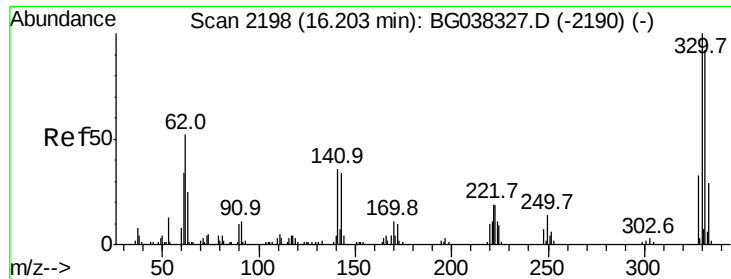
162 103.5 81.3 121.9

160 46.2 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

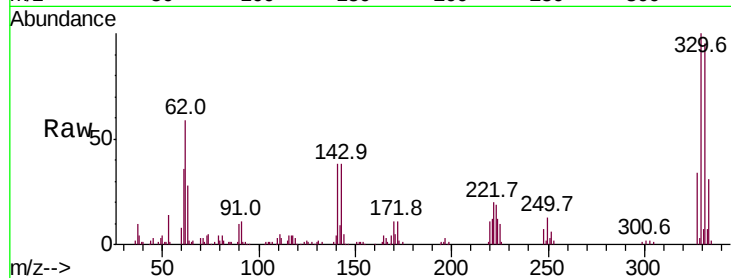




#42
 2,4,6-Tribromophenol
 Concen: 167.779 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. -0.01 min
 Lab File: BG038442.D
 Acq: 10 Dec 2018 17:00

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-120718-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	78.4	117.6
141	36.9	32.2	48.2

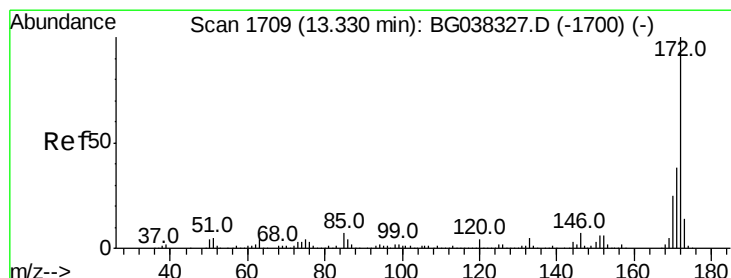
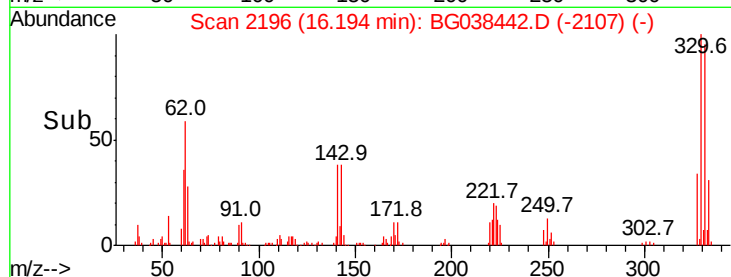
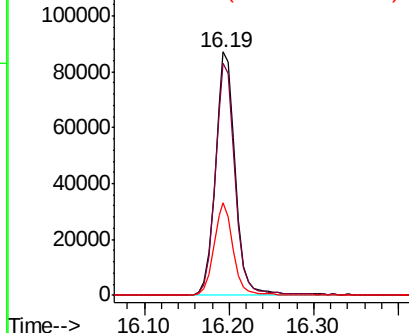


Abundance

Ion 329.80 (329.50 to 330.50): E

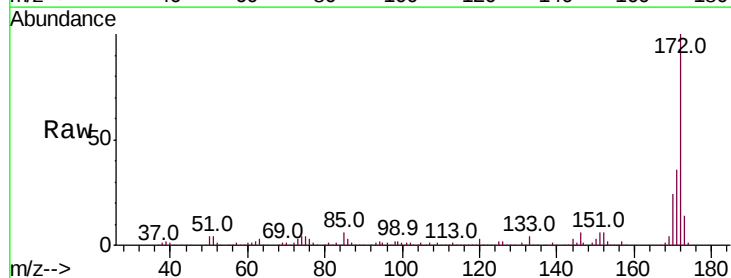
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 88.221 ng
 RT: 13.33 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG038442.D
 Acq: 10 Dec 2018 17:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	31.0	46.4
170	24.1	20.2	30.2

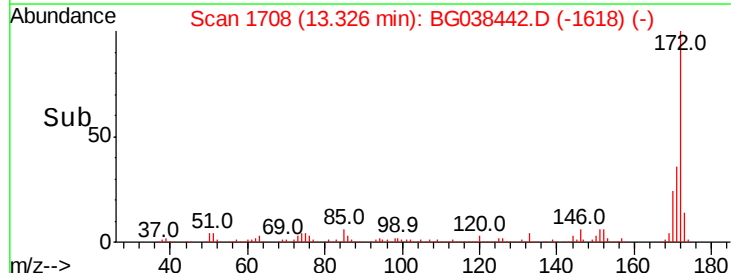
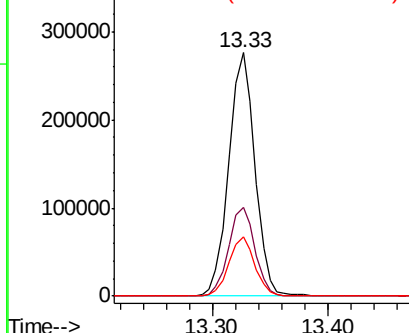


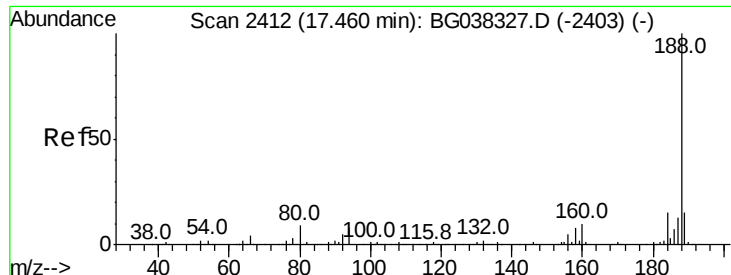
Abundance

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

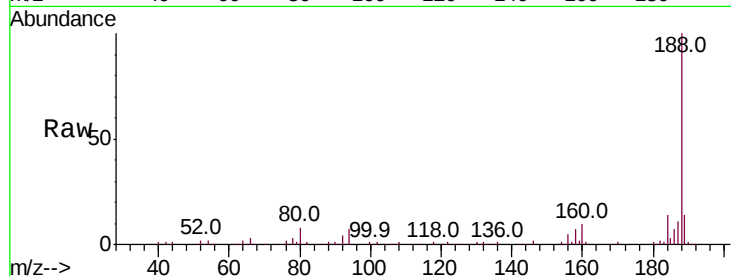




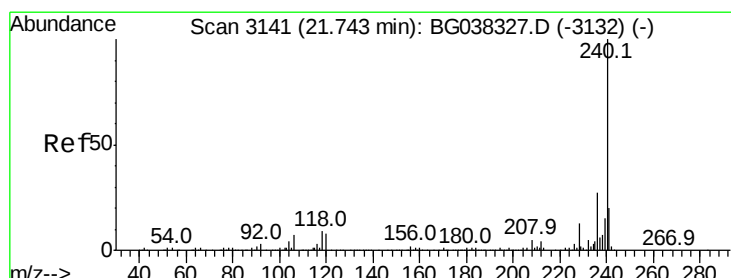
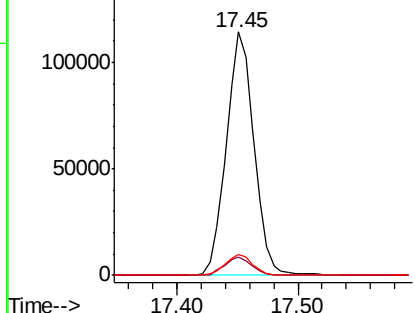
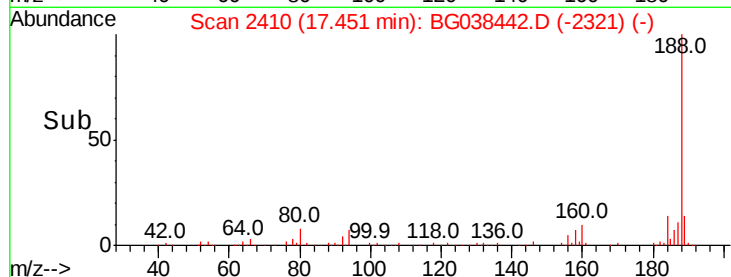
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BG038442.D
Acq: 10 Dec 2018 17:00

Instrument :
BNA_G
ClientSampleId :
EO-03-120718-A

Tot Ion:188 Resp: 181739
Ion Ratio Lower Upper
188 100
94 7.4 7.2 10.8
80 8.4 7.7 11.5

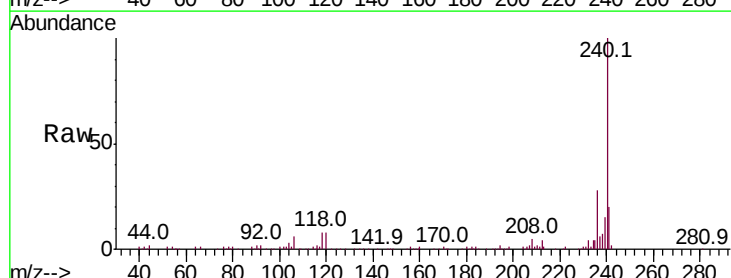


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

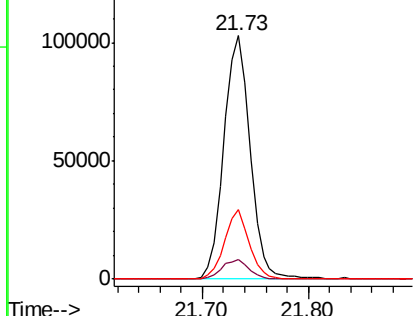
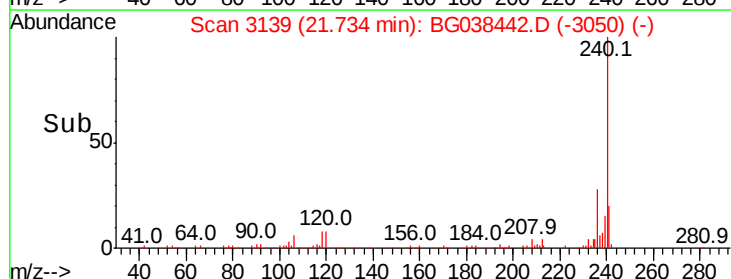


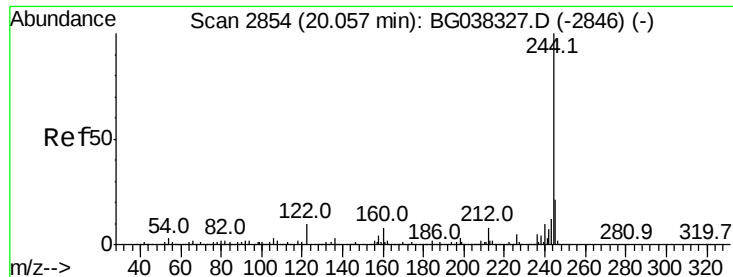
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038442.D
Acq: 10 Dec 2018 17:00

Tgt Ion:240 Resp: 178113
Ion Ratio Lower Upper
240 100
120 8.1 8.1 12.1
236 28.4 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: 103.235 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038442.D

Acq: 10 Dec 2018 17:00

Instrument :

BNA_G

ClientSampleId :

EO-03-120718-A

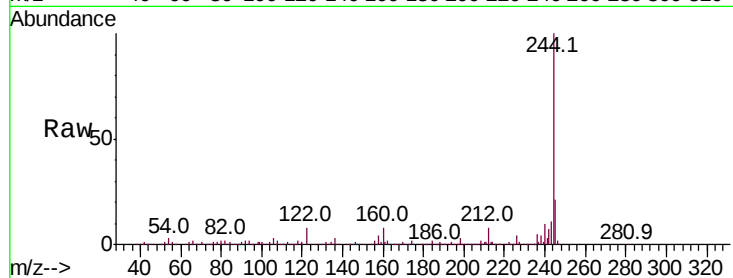
Tot Ion:244 Resp: 858320

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

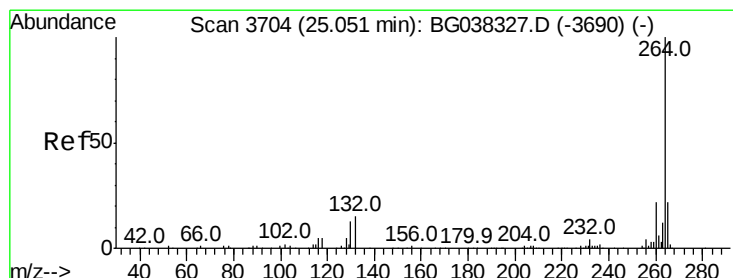
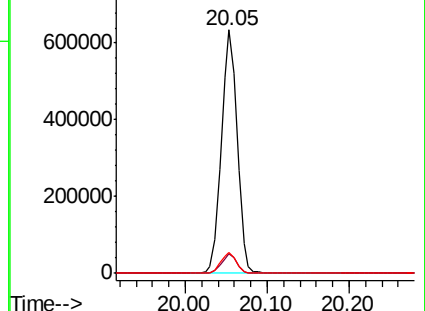
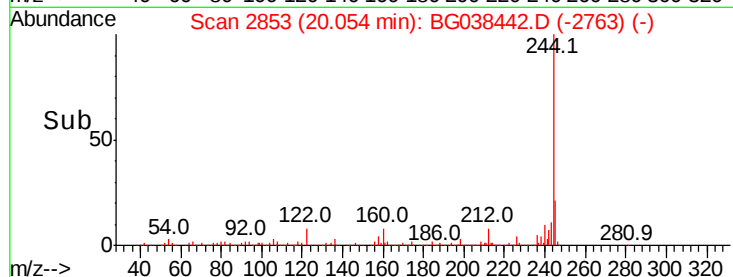
122 8.4 9.0 13.4#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038442.D

Acq: 10 Dec 2018 17:00

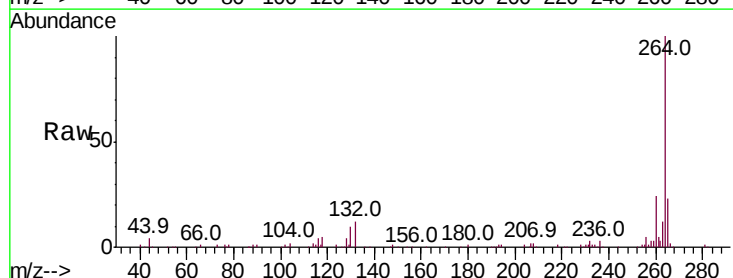
Tgt Ion:264 Resp: 183889

Ion Ratio Lower Upper

264 100

260 24.4 18.2 27.4

265 22.7 17.9 26.9



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

