

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
 Data File : BG038447.D
 Acq On : 10 Dec 2018 20:18
 Operator : JU/SJ
 Sample : J6196-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Dec 11 04:05:37 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	39266	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	168783	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	106379	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	173775	20.00	ng	0.00
76) Chrysene-d12	21.73	240	173410	20.00	ng	-0.01
87) Perylene-d12	25.04	264	171483	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	177139	79.83	ng	0.00
7) Phenol-d6	7.22	99	395623	123.36	ng	0.00
23) Nitrobenzene-d5	9.24	82	278109	81.81	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	154751	118.50	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	635032	85.06	ng	0.00
79) Terphenyl-d14	20.06	244	824875	101.90	ng	0.00

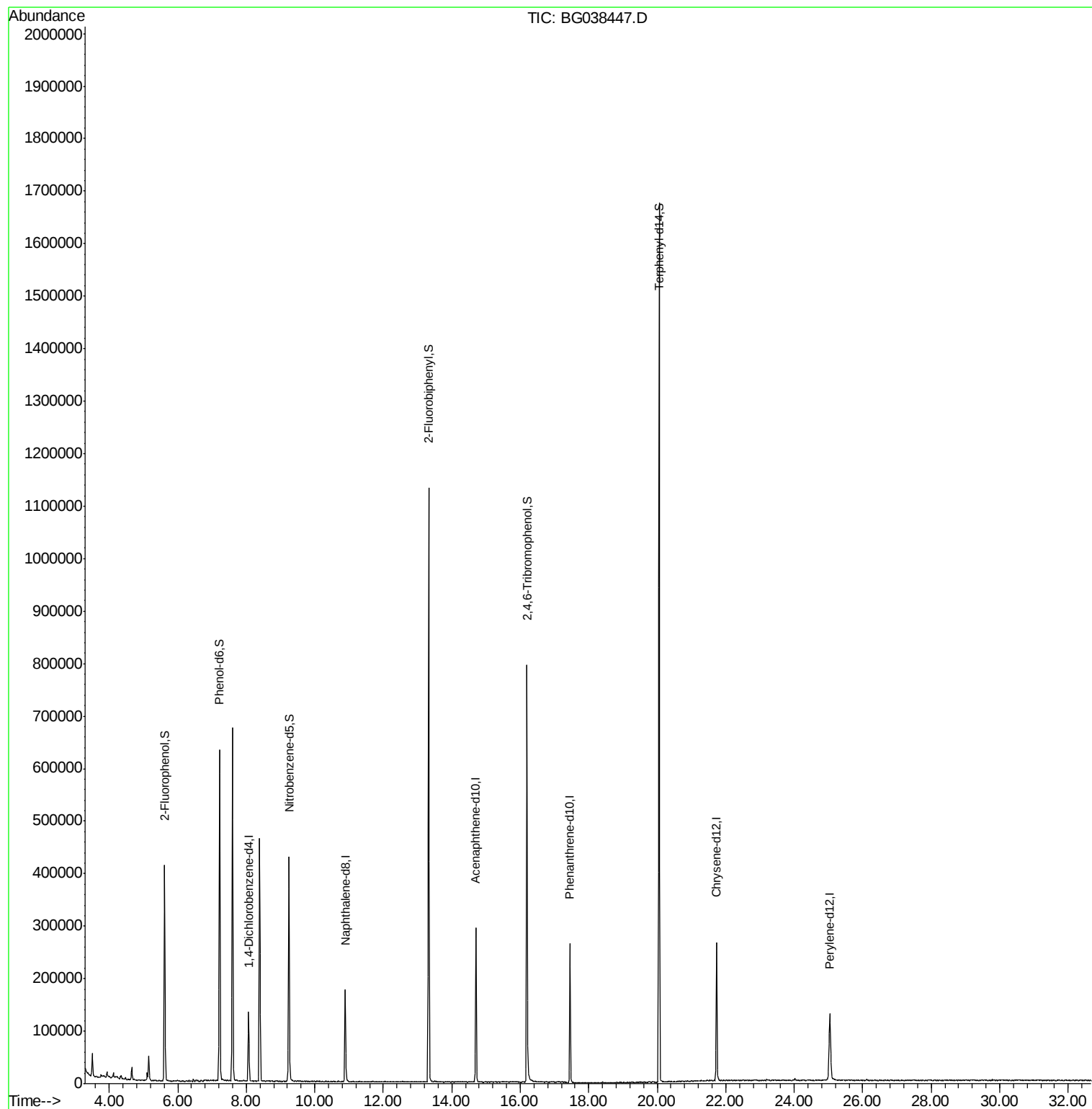
Target Compounds Qvalue

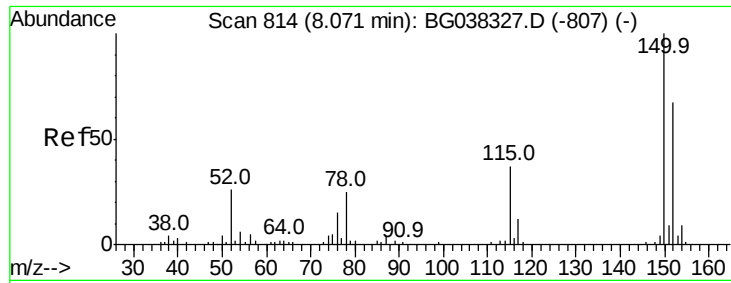
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG038447.D

Acq: 10 Dec 2018 20:18

Instrument :

BNA_G

ClientSampleId :

EO-03-120718-B

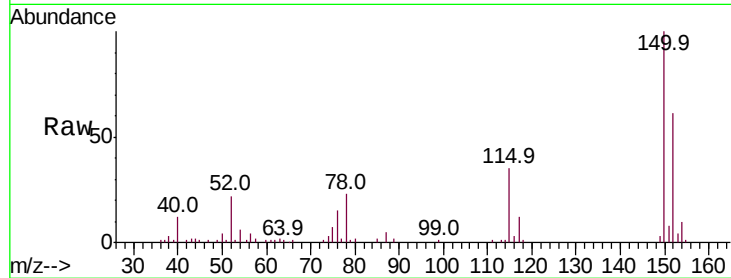
Tot Ion:152 Resp: 39266

Ion Ratio Lower Upper

152 100

150 163.0 126.0 189.0

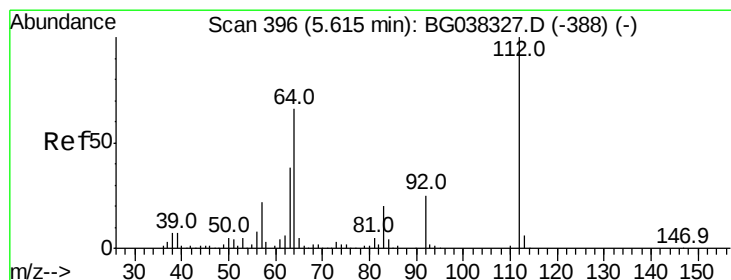
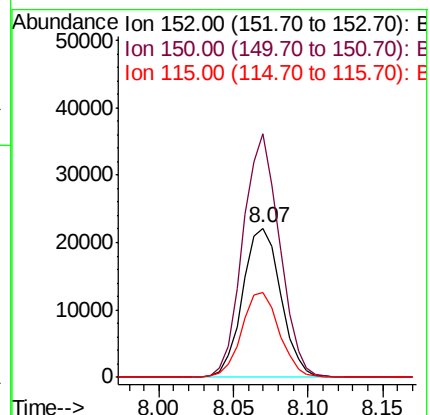
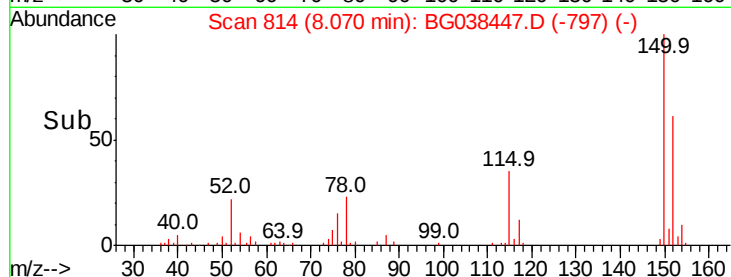
115 57.2 45.5 68.3



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: 79.833 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG038447.D

Acq: 10 Dec 2018 20:18

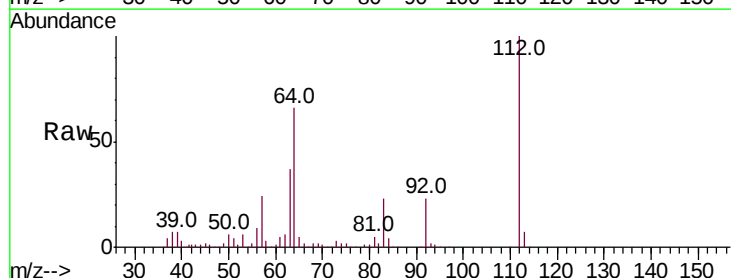
Tgt Ion:112 Resp: 177139

Ion Ratio Lower Upper

112 100

64 66.2 53.1 79.7

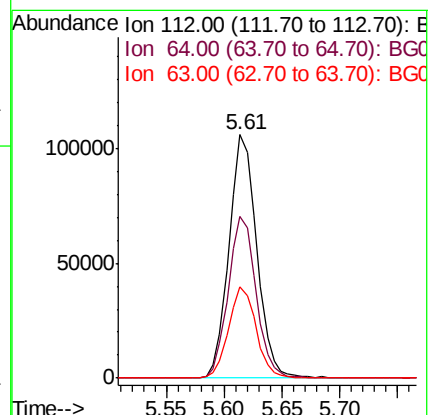
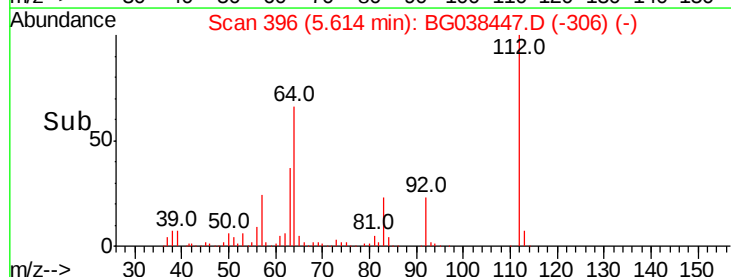
63 37.3 27.3 40.9

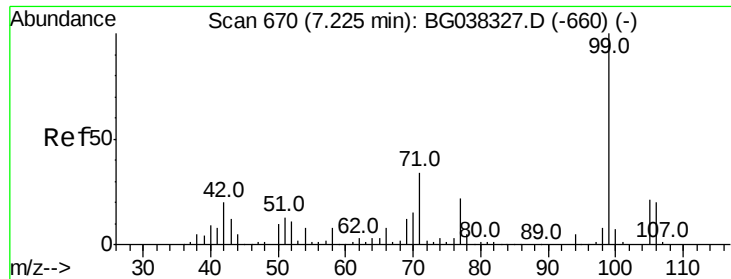


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 123.362 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038447.D

Acq: 10 Dec 2018 20:18

Instrument :

BNA_G

ClientSampleId :

EO-03-120718-B

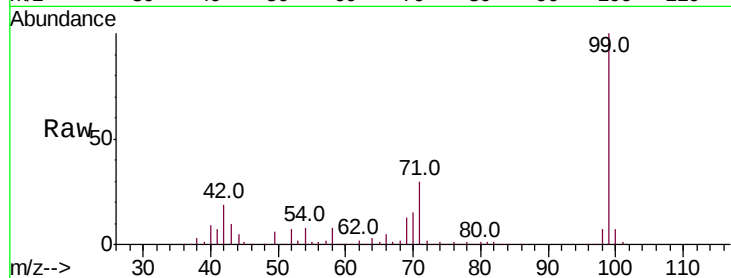
Tot Ion: 99 Resp: 395623

Ion Ratio Lower Upper

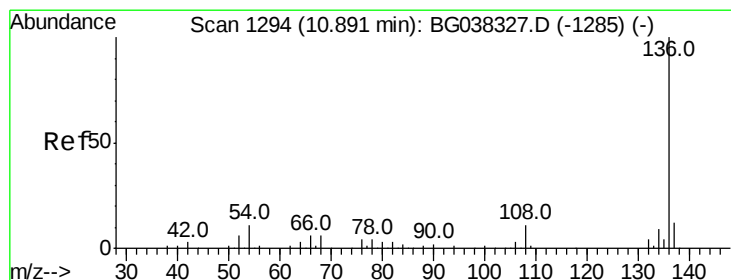
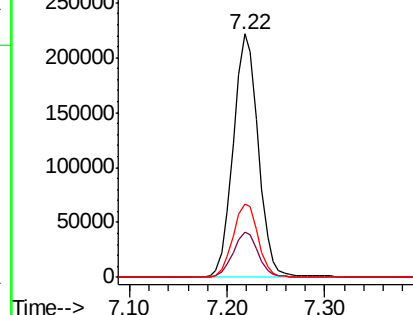
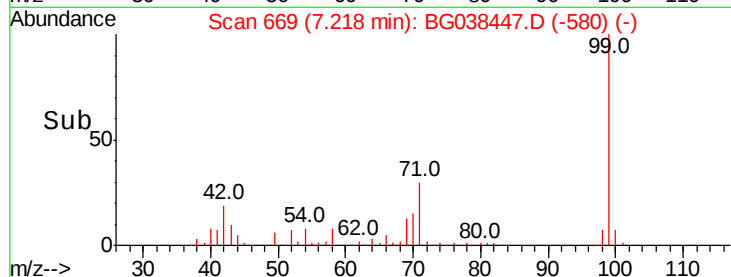
99 100

42 18.7 15.0 22.4

71 30.3 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: 10.88 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG038447.D

Acq: 10 Dec 2018 20:18

Tgt Ion: 136 Resp: 168783

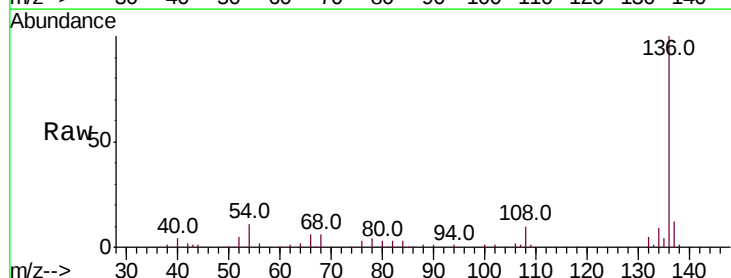
Ion Ratio Lower Upper

136 100

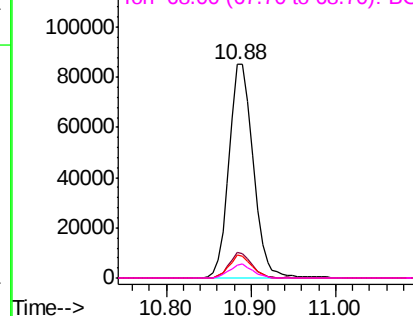
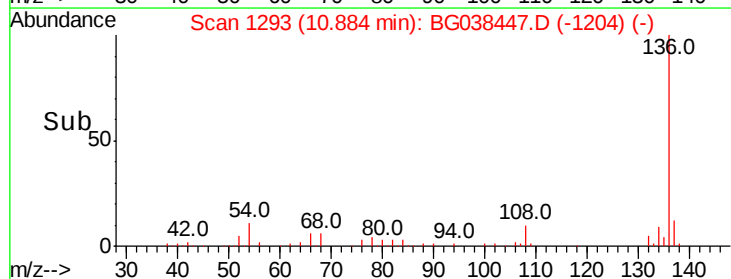
137 12.1 9.6 14.4

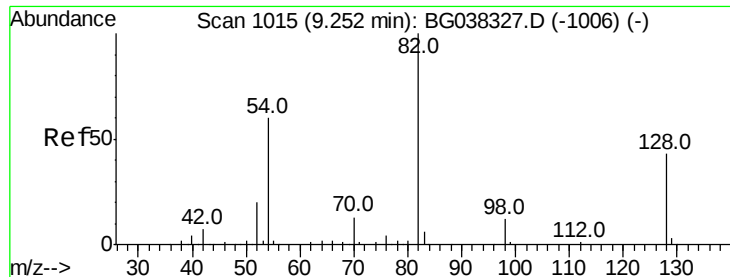
54 10.5 7.9 11.9

68 6.2 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: 81.806 ng

RT: 9.24 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BG038447.D

Acq: 10 Dec 2018 20:18

Instrument :

BNA_G

ClientSampleId :

EO-03-120718-B

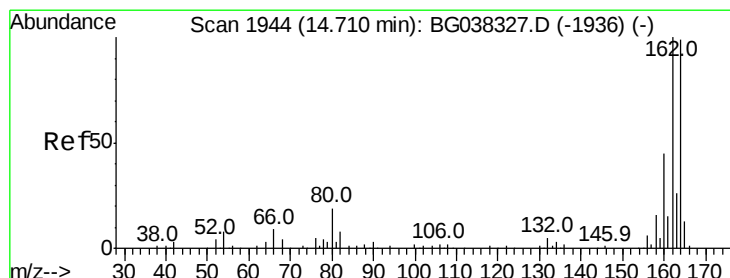
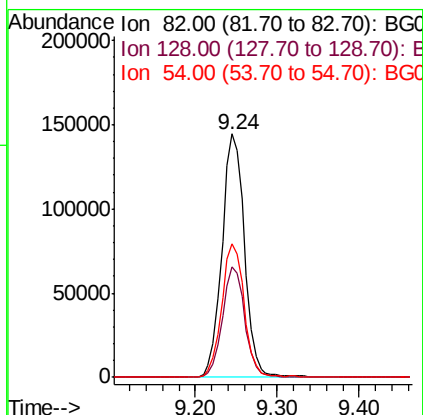
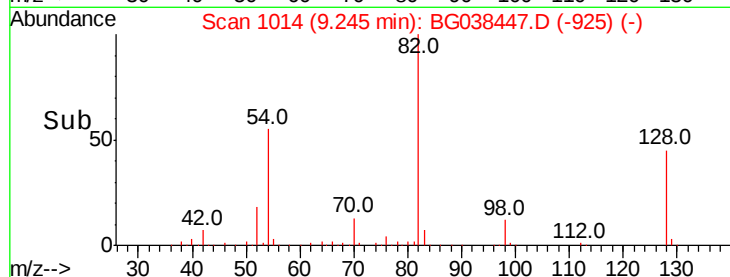
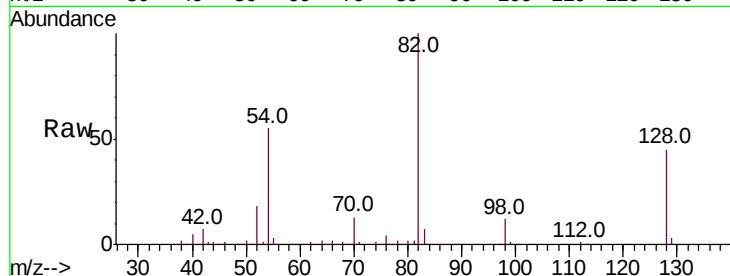
Tot Ion: 82 Resp: 278109

Ion Ratio Lower Upper

82 100

128 45.2 34.6 51.8

54 54.7 45.3 67.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG038447.D

Acq: 10 Dec 2018 20:18

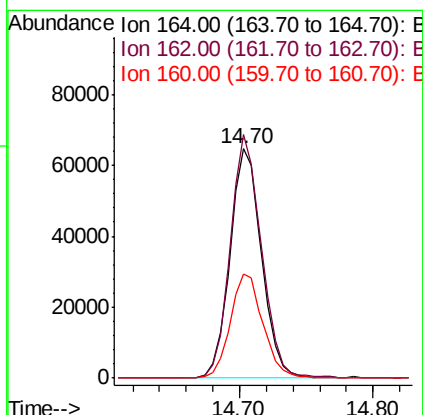
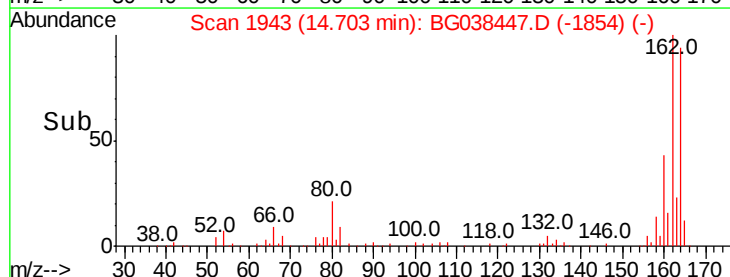
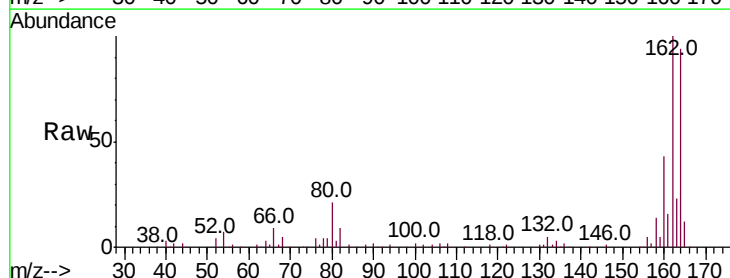
Tgt Ion:164 Resp: 106379

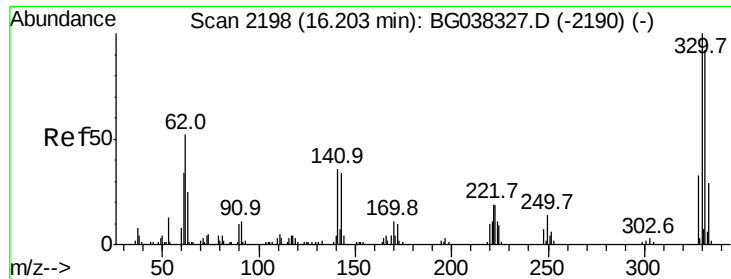
Ion Ratio Lower Upper

164 100

162 106.1 81.3 121.9

160 45.6 36.3 54.5

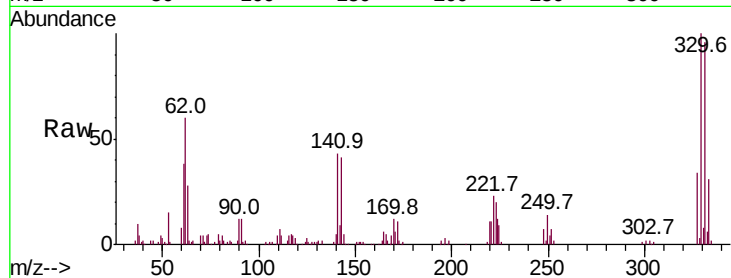




#42
 2,4,6-Tribromophenol
 Concen: 118.499 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BG038447.D
 Acq: 10 Dec 2018 20:18

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.4	117.6
141	41.6	32.2	48.2

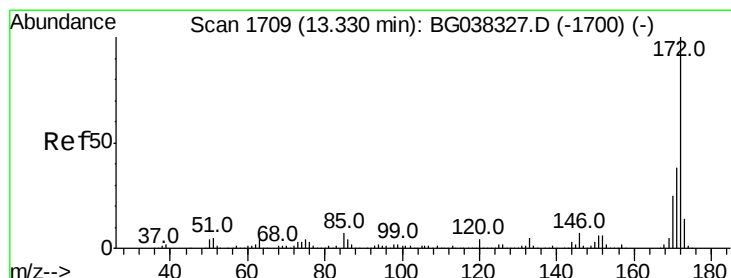
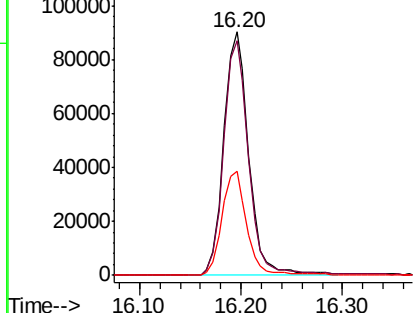
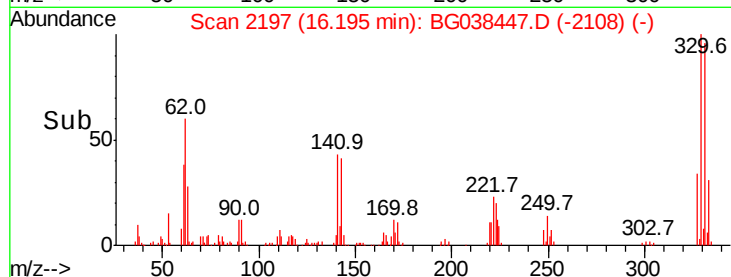


Abundance

Ion 329.80 (329.50 to 330.50): E

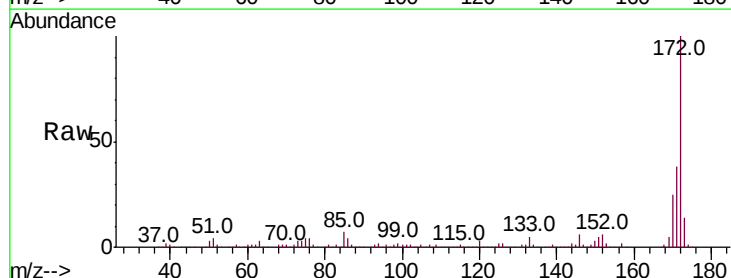
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.061 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038447.D
 Acq: 10 Dec 2018 20:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.0	46.4
170	25.1	20.2	30.2

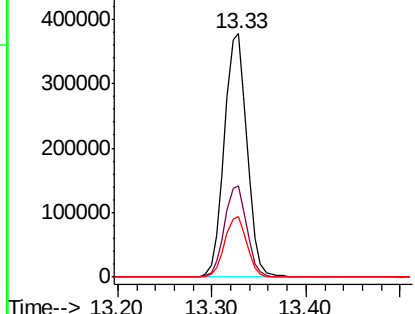
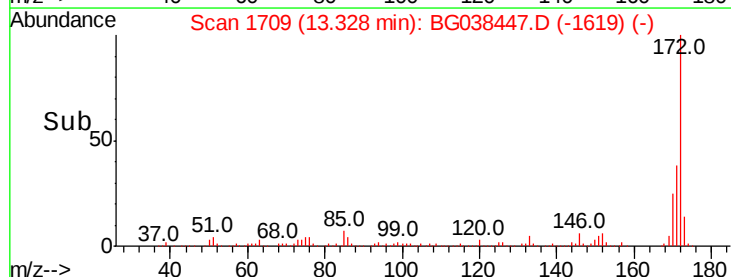


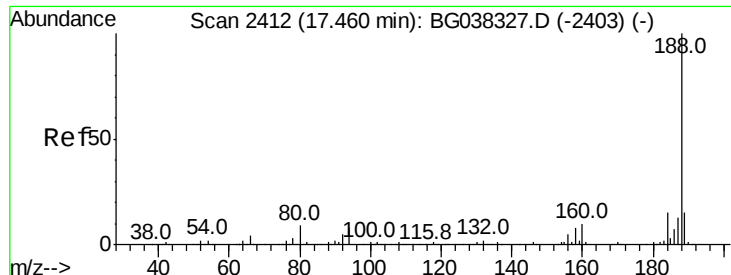
Abundance

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

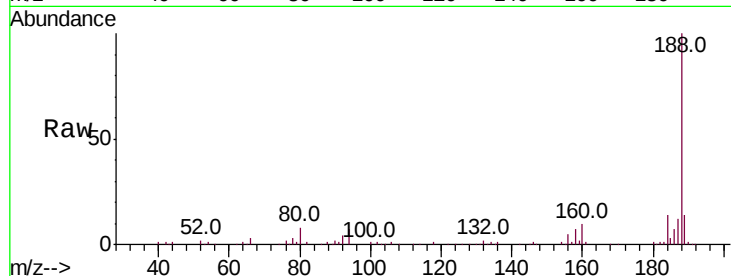




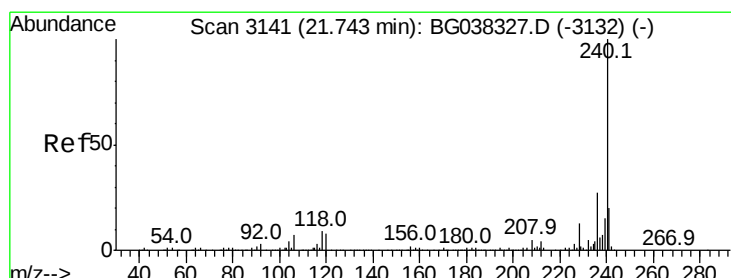
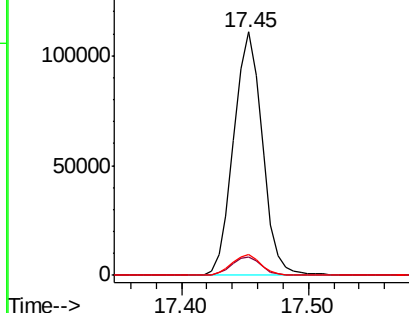
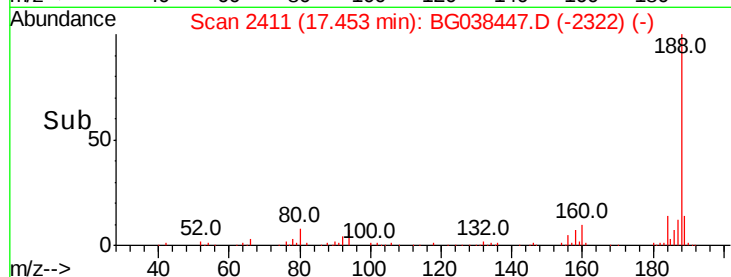
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG038447.D
Acq: 10 Dec 2018 20:18

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

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.2	10.8
80	8.3	7.7	11.5

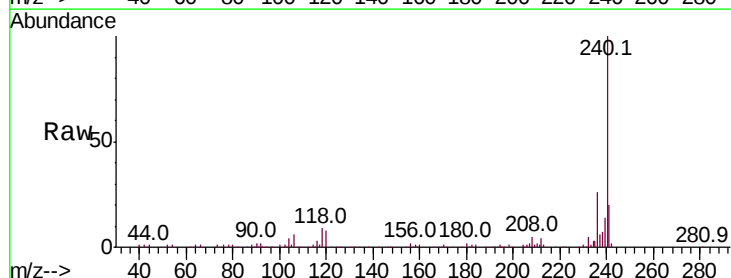


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

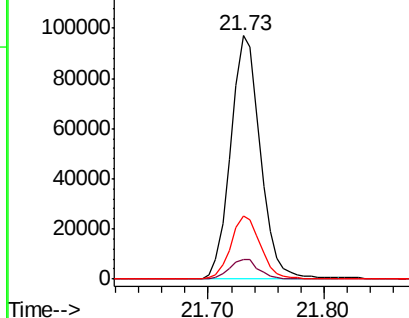
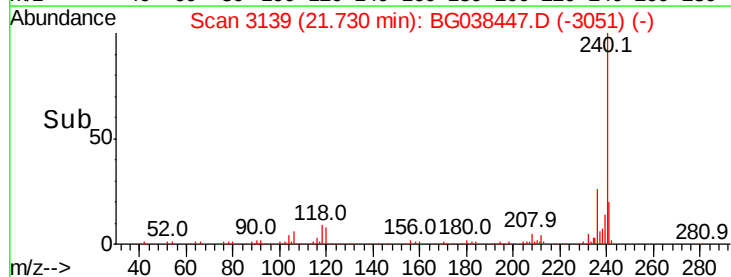


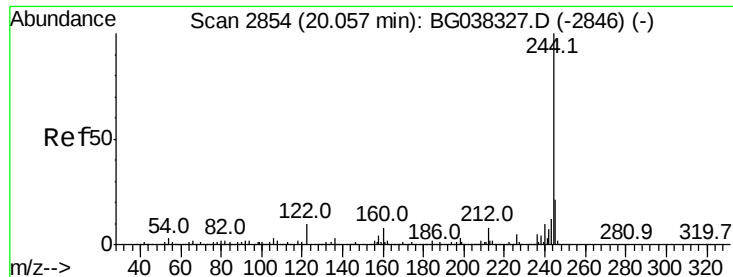
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038447.D
Acq: 10 Dec 2018 20:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.1	8.1	12.1
236	26.0	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: 101.903 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038447.D

Acq: 10 Dec 2018 20:18

Instrument :

BNA_G

ClientSampleId :

EO-03-120718-B

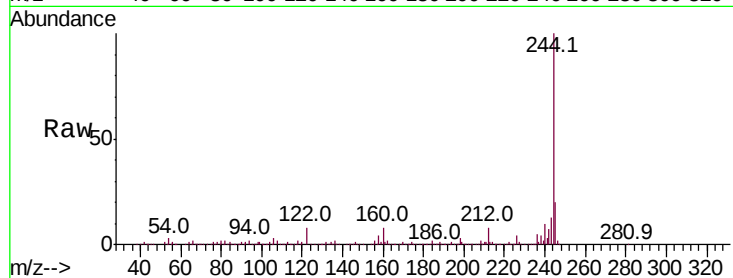
Tot Ion:244 Resp: 824875

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

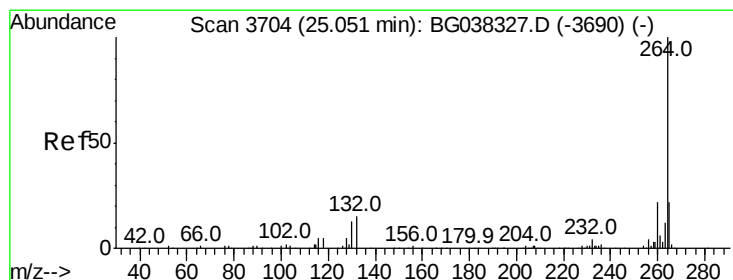
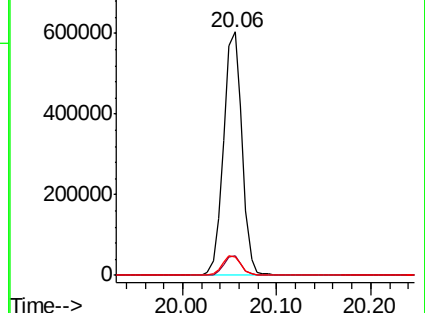
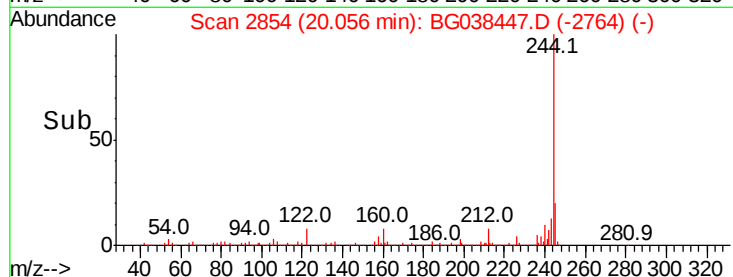
122 7.7 9.0 13.4#



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: BG038447.D

Acq: 10 Dec 2018 20:18

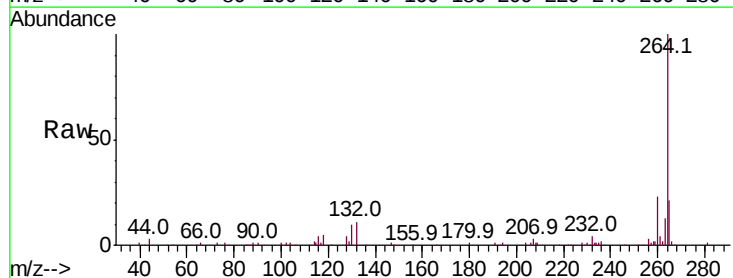
Tgt Ion:264 Resp: 171483

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

265 20.7 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

