

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121118\
 Data File : BG038485.D
 Acq On : 12 Dec 2018 1:13
 Operator : JU/SJ
 Sample : PB115573BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115573BL

Quant Time: Dec 12 04:26:03 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	23120	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	101853	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	72117	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	181271	20.00	ng	0.00
76) Chrysene-d12	21.73	240	173846	20.00	ng	0.00
87) Perylene-d12	25.04	264	180090	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	140202	107.31	ng	0.00
7) Phenol-d6	7.22	99	196528	104.08	ng	0.00
23) Nitrobenzene-d5	9.24	82	125351	61.10	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	69803	78.84	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	317425	62.72	ng	0.00
79) Terphenyl-d14	20.05	244	578480	71.28	ng	0.00

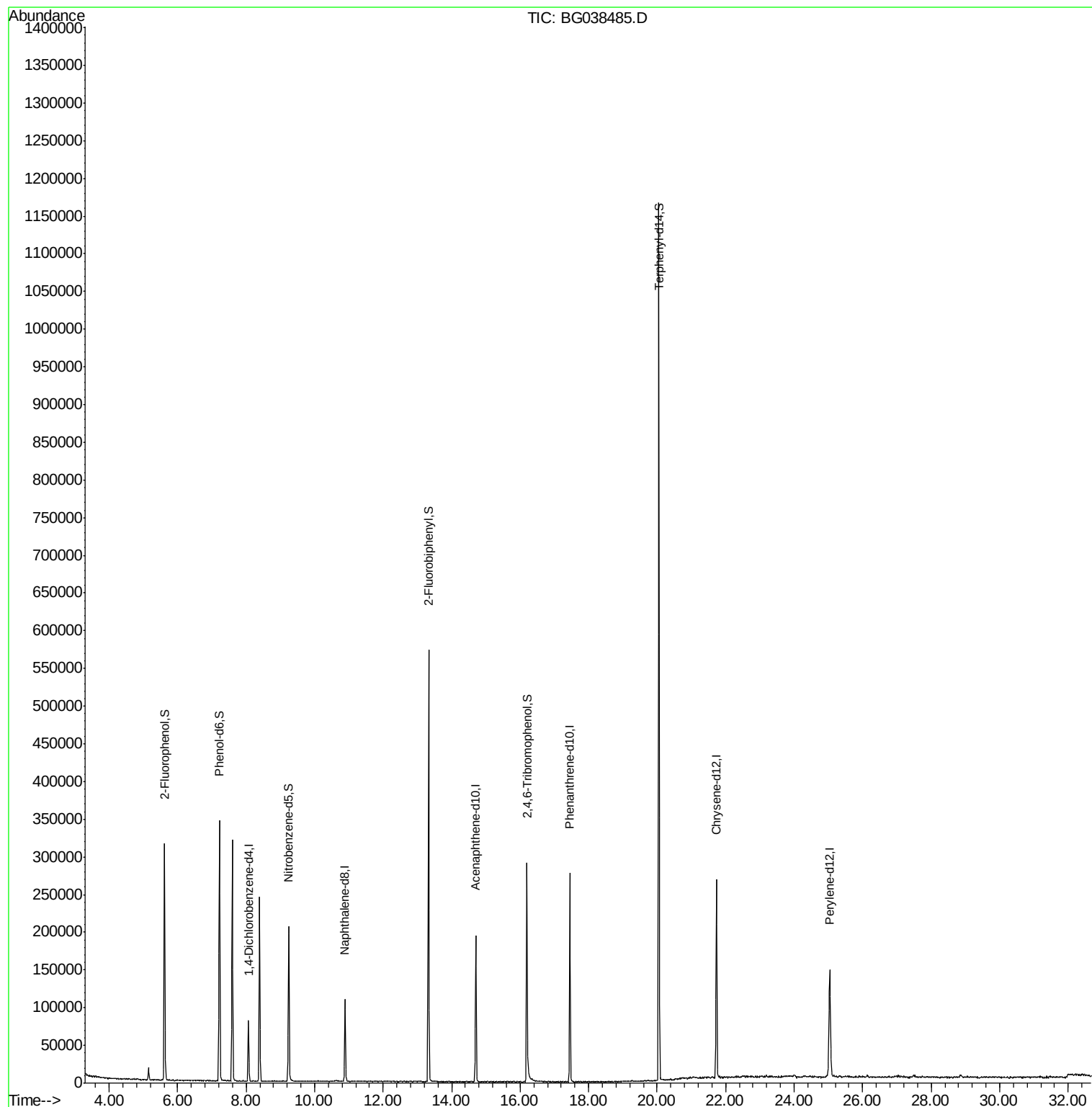
Target Compounds Qvalue

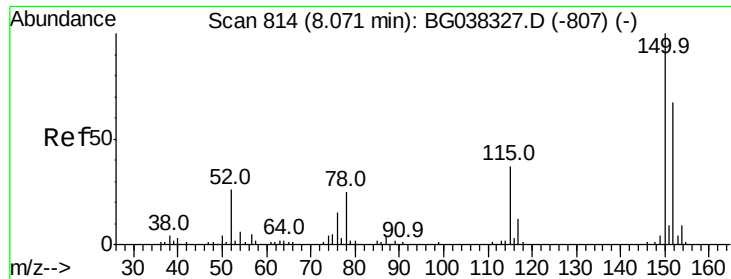
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121118\
Data File : BG038485.D
Acq On : 12 Dec 2018 1:13
Operator : JU/SJ
Sample : PB115573BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115573BL

Quant Time: Dec 12 04:26:03 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.07 min Scan# 813

Delta R.T. -0.00 min

Lab File: BG038485.D

Acq: 12 Dec 2018 1:13

Instrument :

BNA_G

ClientSampleId :

PB115573BL

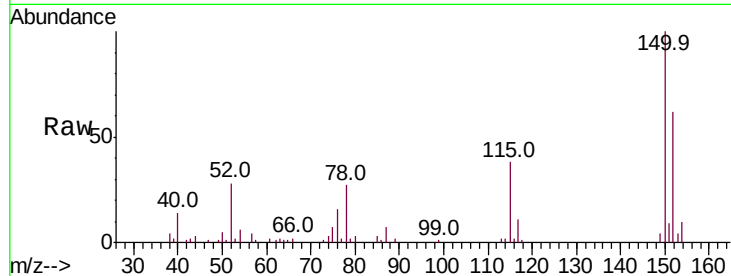
Tot Ion:152 Resp: 23120

Ion Ratio Lower Upper

152 100

150 160.4 126.0 189.0

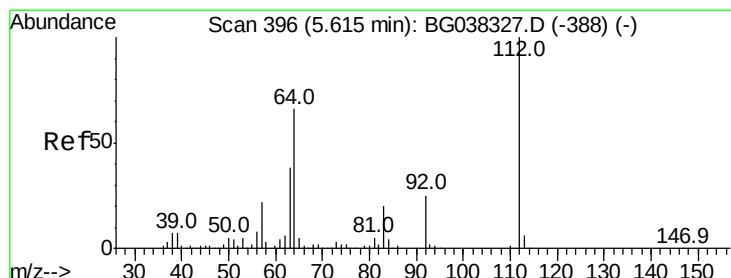
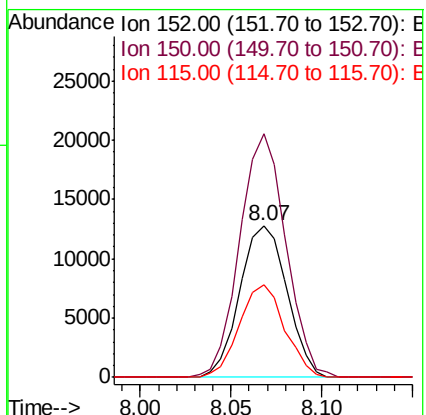
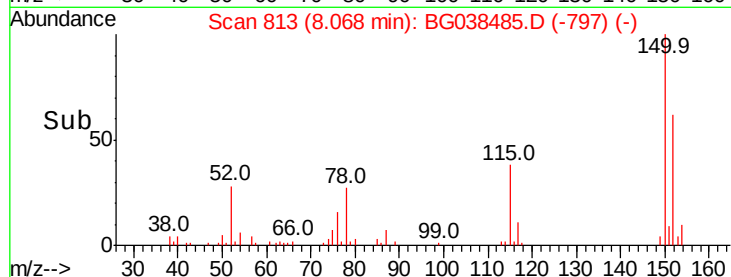
115 60.8 45.5 68.3



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: 107.313 ng

RT: 5.61 min Scan# 395

Delta R.T. -0.00 min

Lab File: BG038485.D

Acq: 12 Dec 2018 1:13

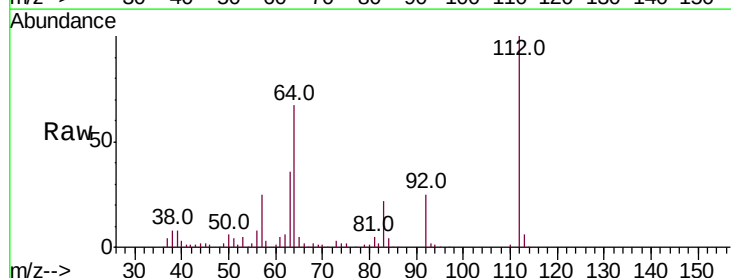
Tgt Ion:112 Resp: 140202

Ion Ratio Lower Upper

112 100

64 66.7 53.1 79.7

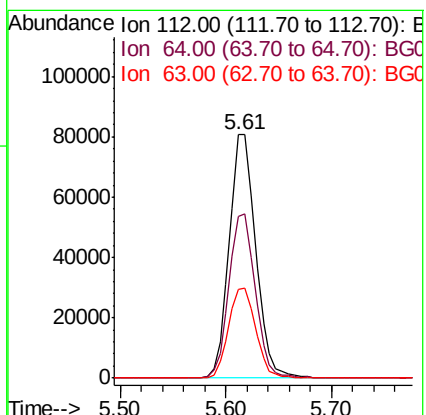
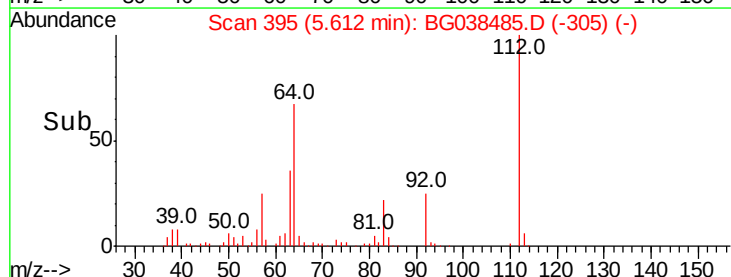
63 36.4 27.3 40.9

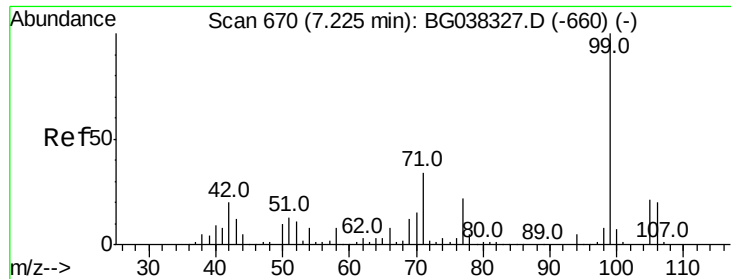


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 104.077 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038485.D

Acq: 12 Dec 2018 1:13

Instrument :

BNA_G

ClientSampled :

PB115573BL

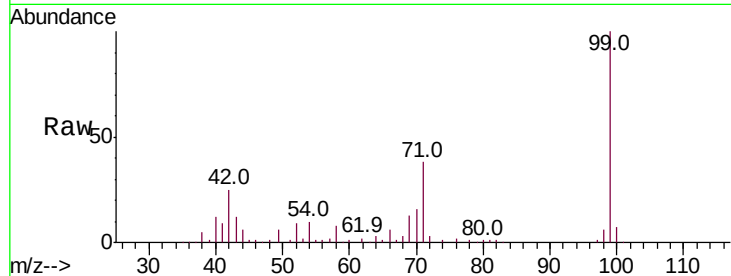
Tot Ion: 99 Resp: 196528

Ion Ratio Lower Upper

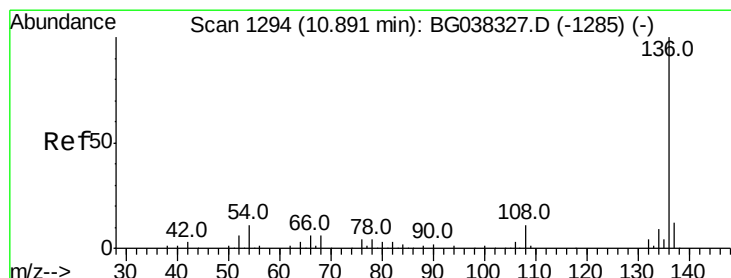
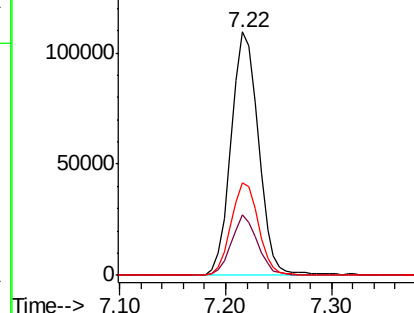
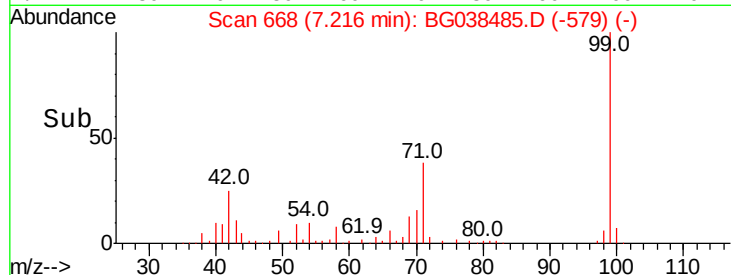
99 100

42 24.8 15.0 22.4#

71 37.9 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
150000
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: BG038485.D

Acq: 12 Dec 2018 1:13

Tgt Ion: 136 Resp: 101853

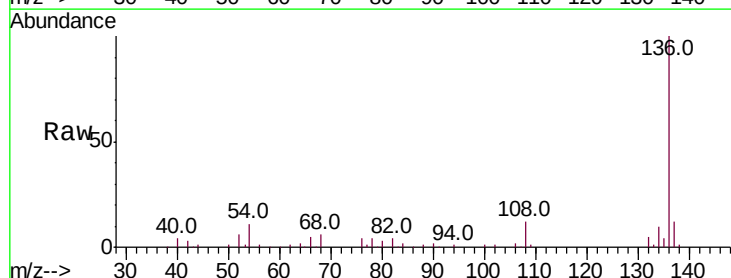
Ion Ratio Lower Upper

136 100

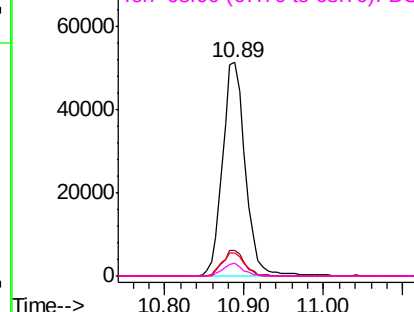
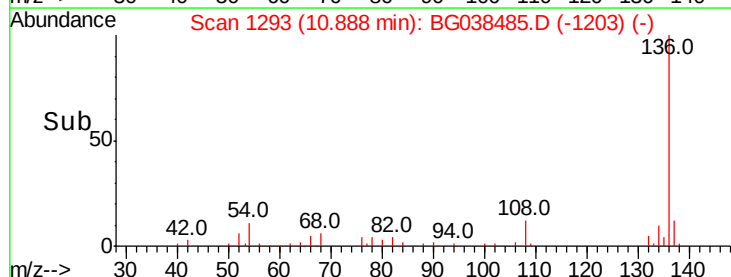
137 11.9 9.6 14.4

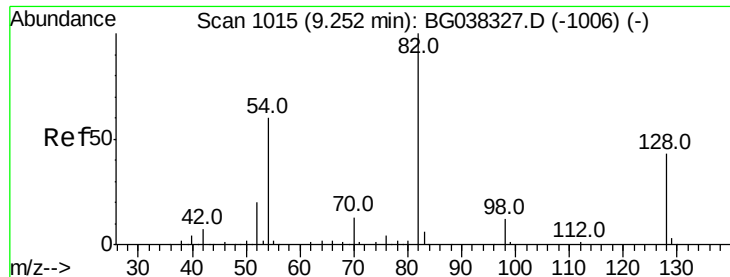
54 10.8 7.9 11.9

68 6.2 4.8 7.2



Abundance Ion 136.00 (135.70 to 136.70): E
80000
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

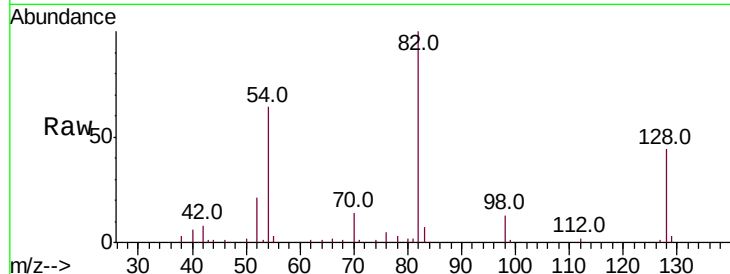




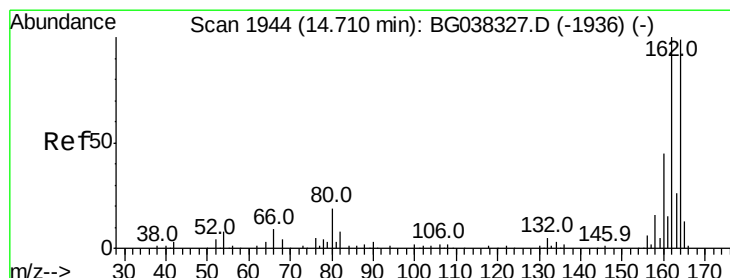
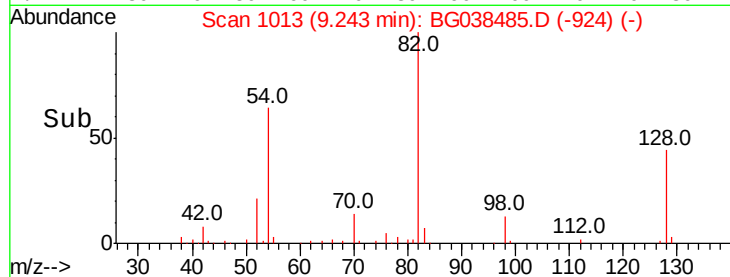
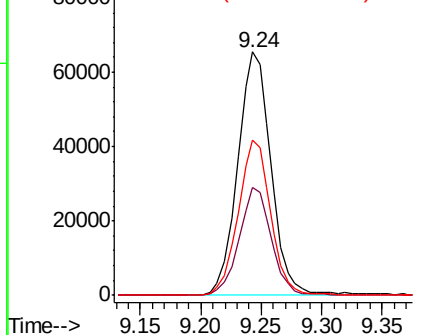
#23
Nitrobenzene-d5
Concen: 61.102 ng
RT: 9.24 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BG038485.D
Acq: 12 Dec 2018 1:13

Instrument :
BNA_G
ClientSampleId :
PB115573BL

Tot Ion	82	Resp	125351
Ion Ratio	Lower	Upper	
82	100		
128	44.2	34.6	51.8
54	63.9	45.3	67.9

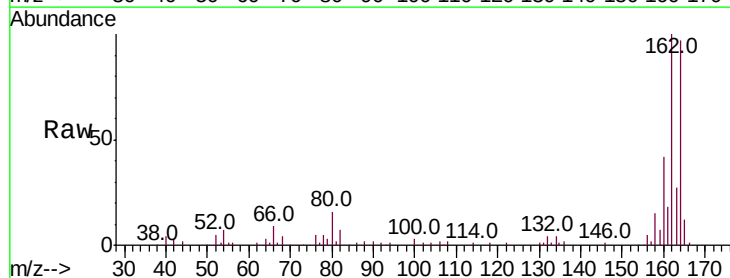


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

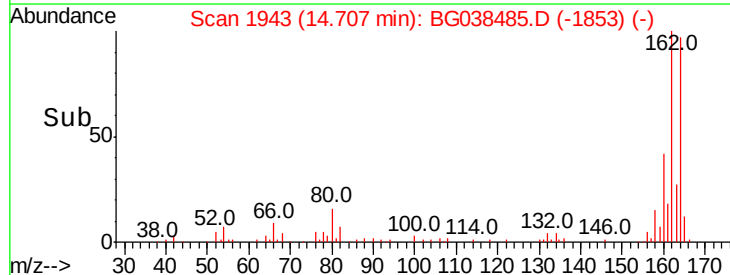
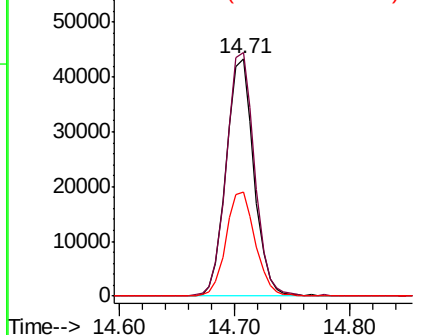


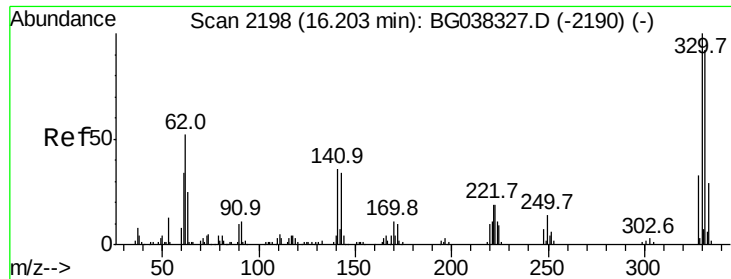
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BG038485.D
Acq: 12 Dec 2018 1:13

Tgt Ion	164	Resp	72117
Ion Ratio	Lower	Upper	
164	100		
162	102.6	81.3	121.9
160	43.6	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: 78.845 ng

RT: 16.19 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG038485.D

Acq: 12 Dec 2018 1:13

Instrument :

BNA_G

ClientSampleId :

PB115573BL

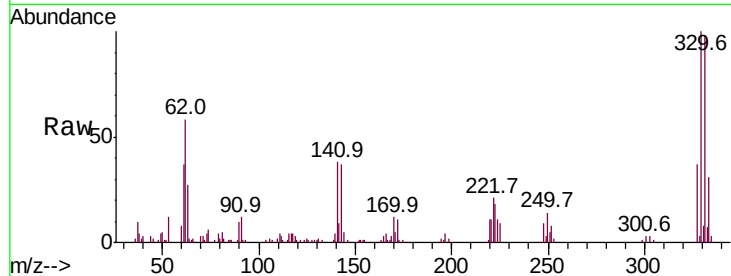
Tot Ion:330 Resp: 69803

Ion Ratio Lower Upper

330 100

332 95.9 78.4 117.6

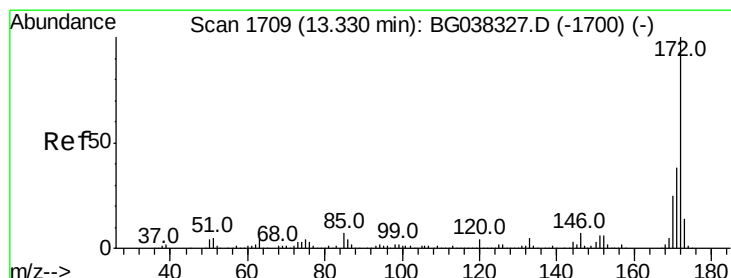
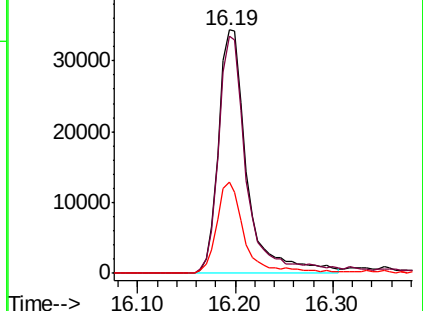
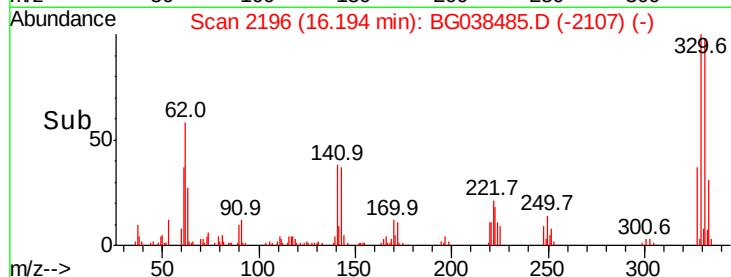
141 35.8 32.2 48.2



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: 62.718 ng

RT: 13.33 min Scan# 1708

Delta R.T. -0.00 min

Lab File: BG038485.D

Acq: 12 Dec 2018 1:13

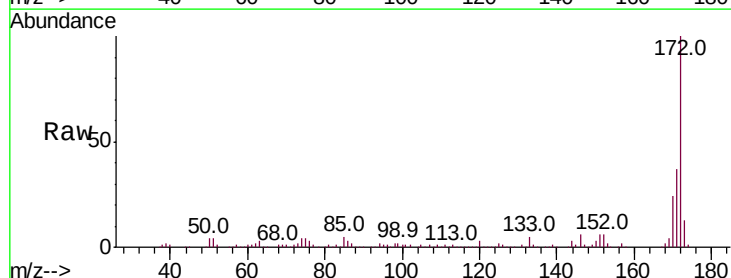
Tgt Ion:172 Resp: 317425

Ion Ratio Lower Upper

172 100

171 37.1 31.0 46.4

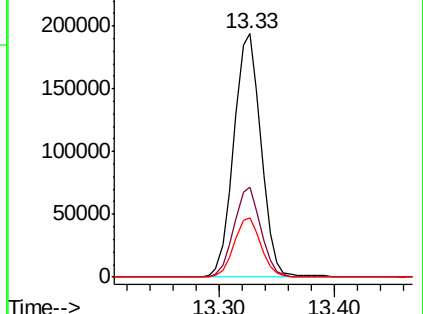
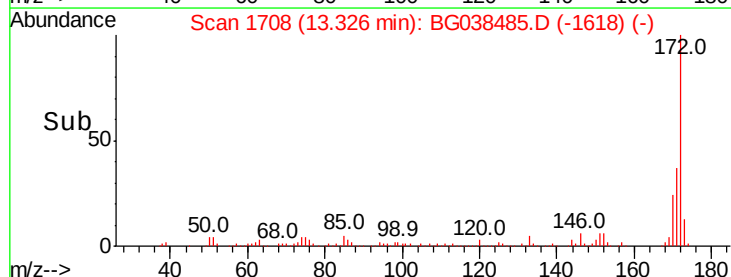
170 24.1 20.2 30.2

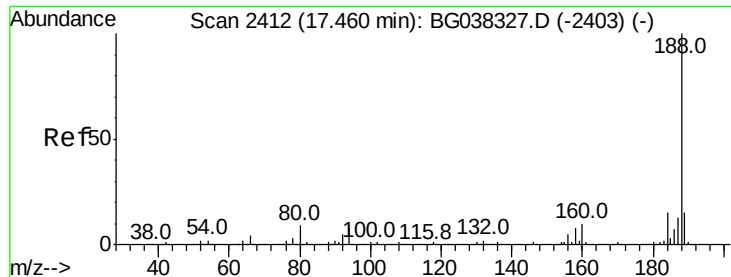


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

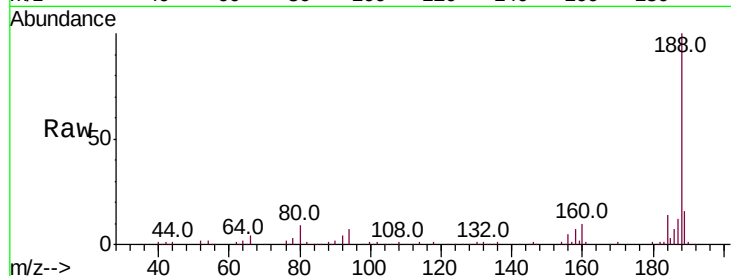




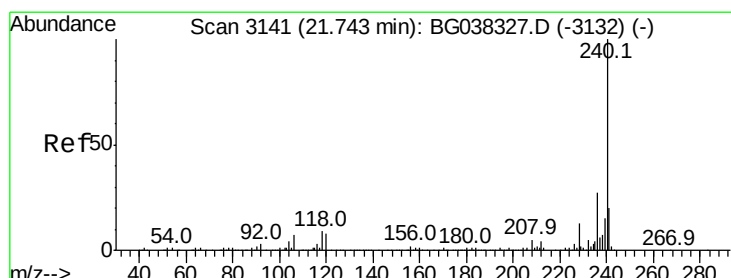
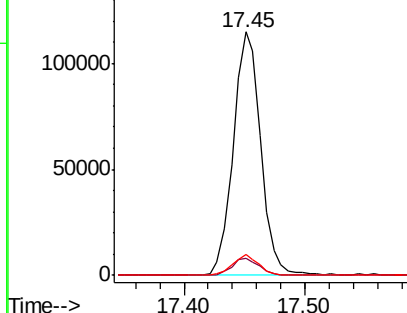
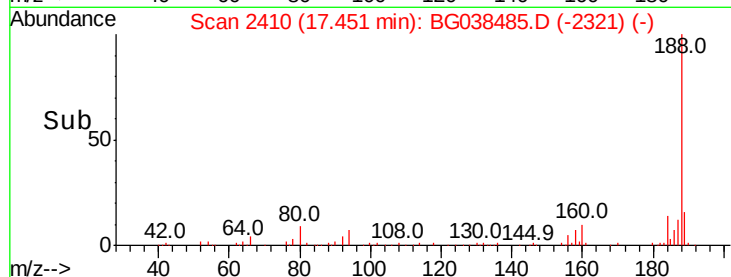
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2410
 Delta R.T. -0.01 min
 Lab File: BG038485.D
 Acq: 12 Dec 2018 1:13

Instrument :
 BNA_G
 ClientSampleId :
 PB115573BL

Tot Ion:188 Resp: 181271
 Ion Ratio Lower Upper
 188 100
 94 7.1 7.2 10.8#
 80 8.7 7.7 11.5

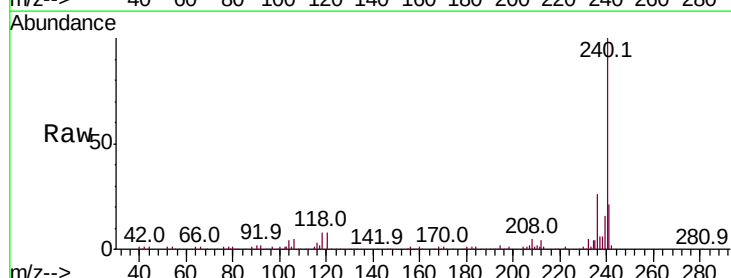


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

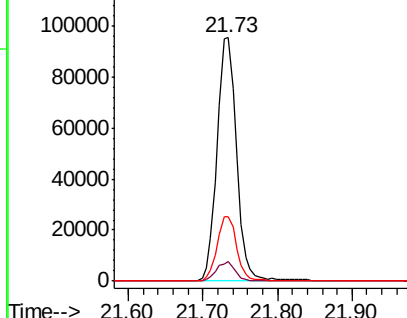
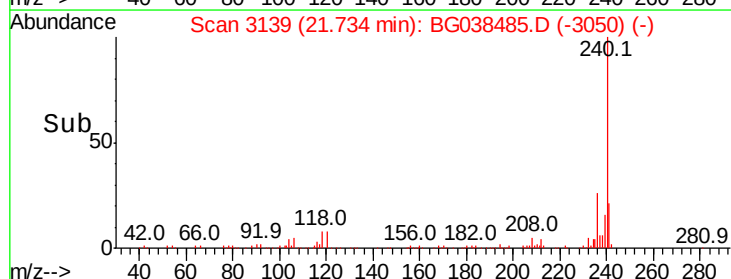


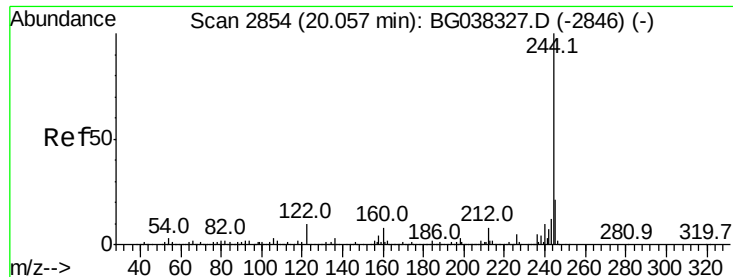
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG038485.D
 Acq: 12 Dec 2018 1:13

Tgt Ion:240 Resp: 173846
 Ion Ratio Lower Upper
 240 100
 120 8.0 8.1 12.1#
 236 26.3 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: 71.285 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038485.D

Acq: 12 Dec 2018 1:13

Instrument :

BNA_G

ClientSampleId :

PB115573BL

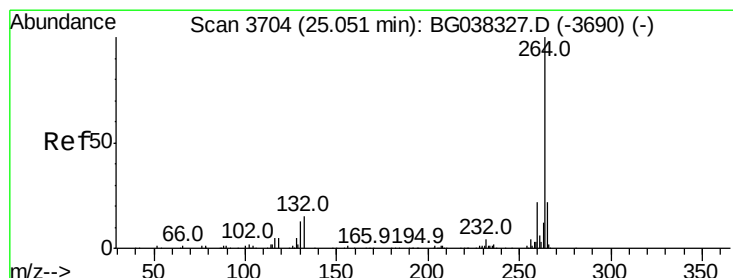
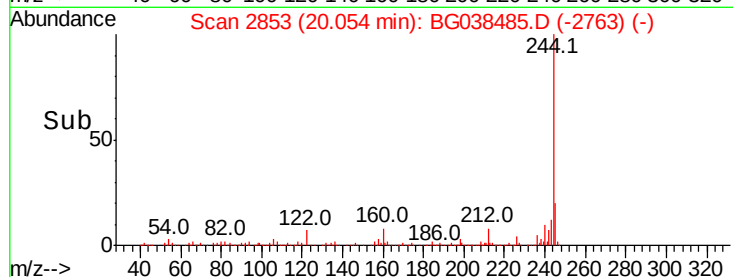
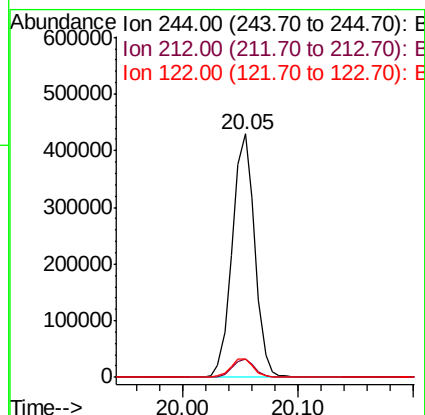
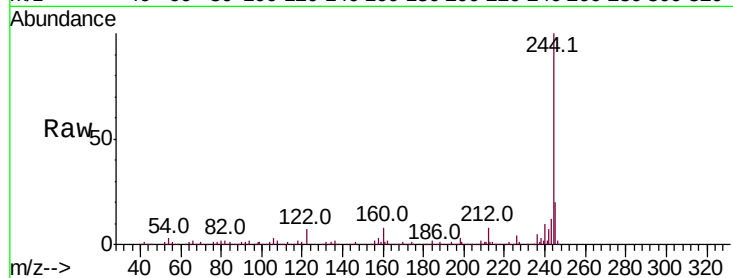
Tot Ion:244 Resp: 578480

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

122 7.3 9.0 13.4#



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038485.D

Acq: 12 Dec 2018 1:13

Tgt Ion:264 Resp: 180090

Ion Ratio Lower Upper

264 100

260 20.9 18.2 27.4

265 22.5 17.9 26.9

