

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
 Data File : BG038417.D
 Acq On : 8 Dec 2018 00:04
 Operator : JU/SJ
 Sample : PB115432BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115432BL

Quant Time: Dec 08 04:39:51 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	22052	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	154599	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	62829	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	179199	20.00	ng	0.00
76) Chrysene-d12	21.73	240	177793	20.00	ng	-0.02
87) Perylene-d12	25.04	264	172160	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	161074	129.26	ng	0.00
7) Phenol-d6	7.22	99	221123	122.77	ng	0.00
23) Nitrobenzene-d5	9.24	82	151675	48.71	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	102782	133.26	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	341564	77.46	ng	0.00
79) Terphenyl-d14	20.05	244	680275	81.97	ng	0.00

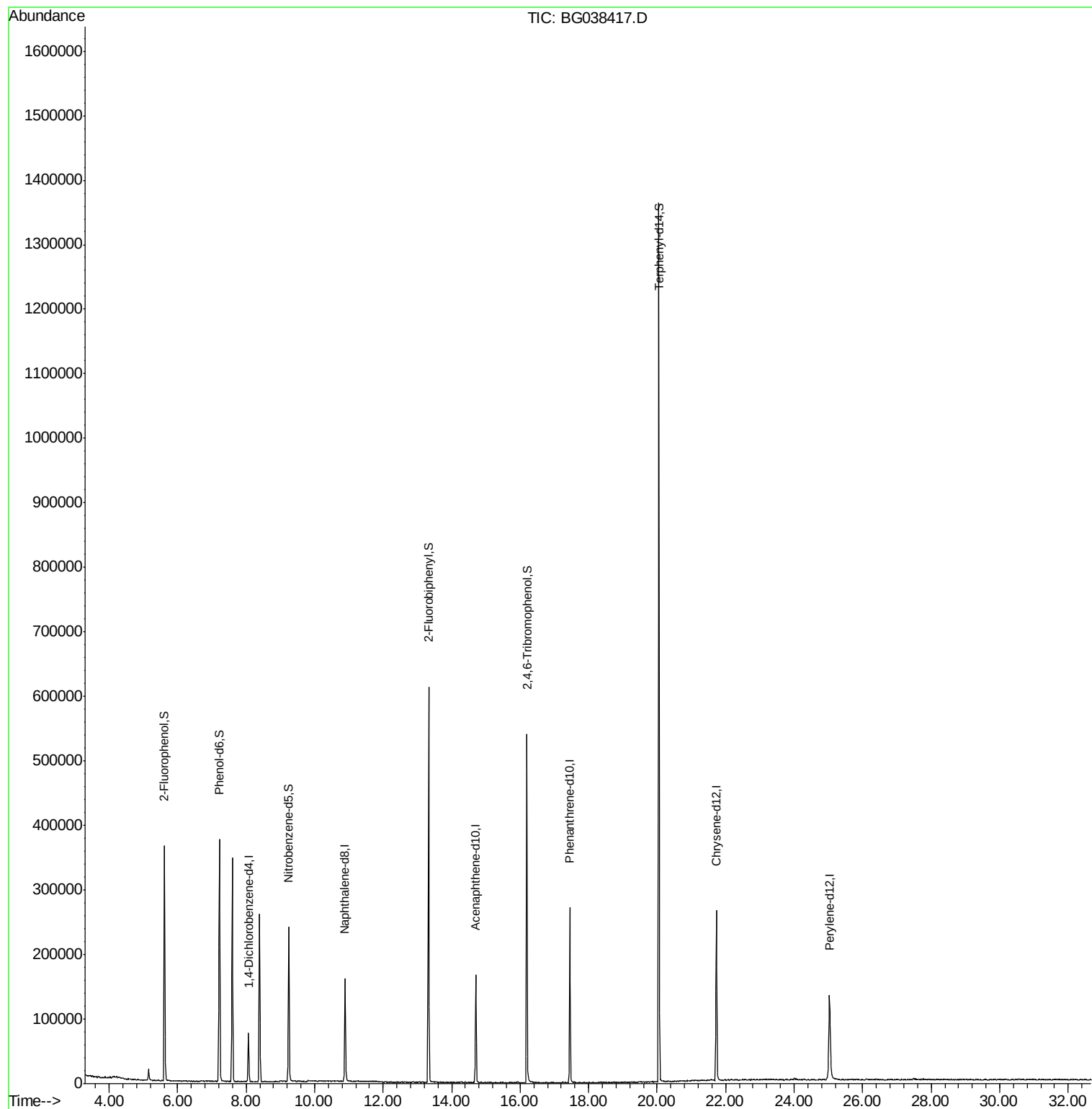
Target Compounds	Qvalue

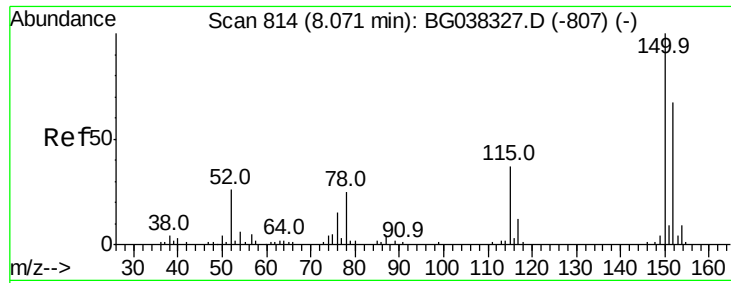
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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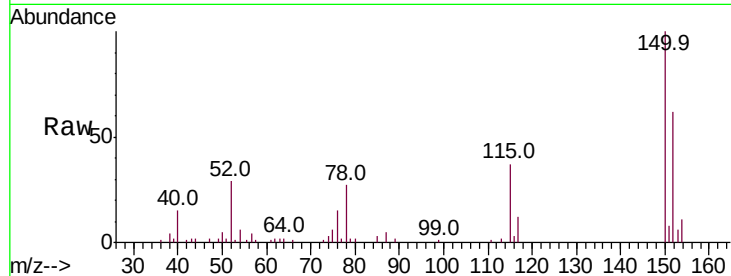


#1

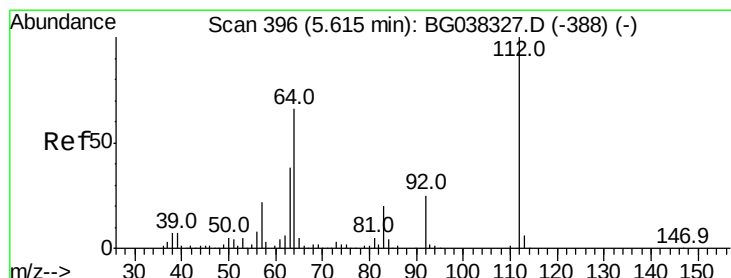
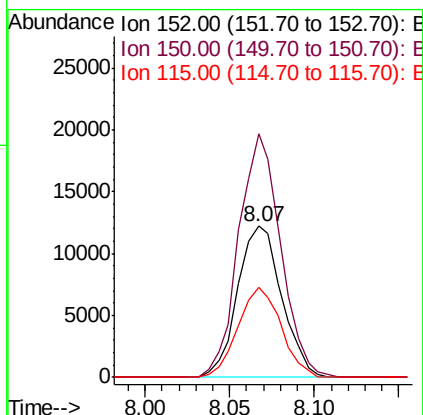
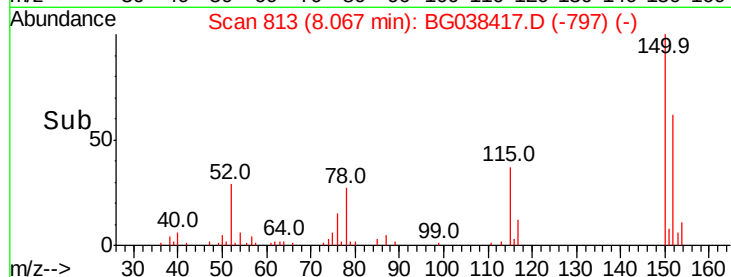
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG038417.D
Acq: 8 Dec 2018 00:04

Instrument :
BNA_G
ClientSampled :
PB115432BL

Tot Ion:152 Resp: 22052
Ion Ratio Lower Upper
152 100
150 160.9 126.0 189.0
115 59.4 45.5 68.3



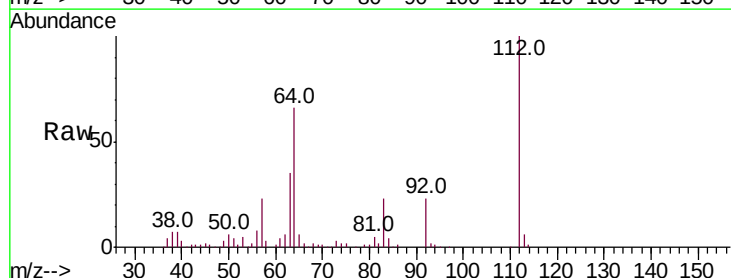
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



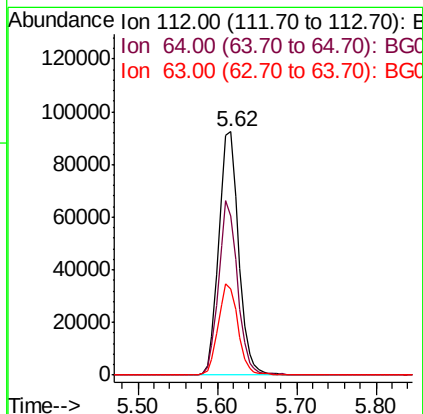
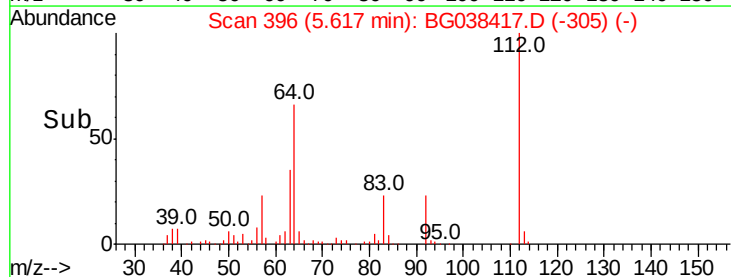
#5

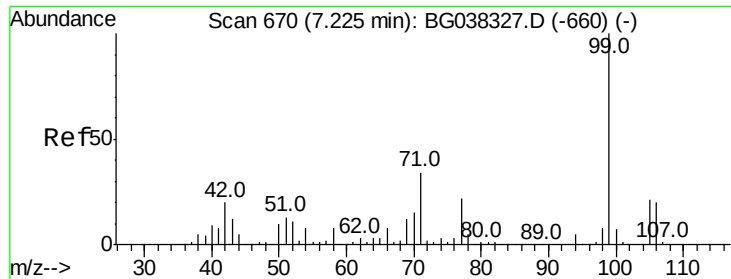
2-Fluorophenol
Concen: 129.260 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG038417.D
Acq: 8 Dec 2018 00:04

Tgt Ion:112 Resp: 161074
Ion Ratio Lower Upper
112 100
64 65.5 53.1 79.7
63 35.4 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: 122.773 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038417.D

Acq: 8 Dec 2018 00:04

Instrument :

BNA_G

ClientSampleId :

PB115432BL

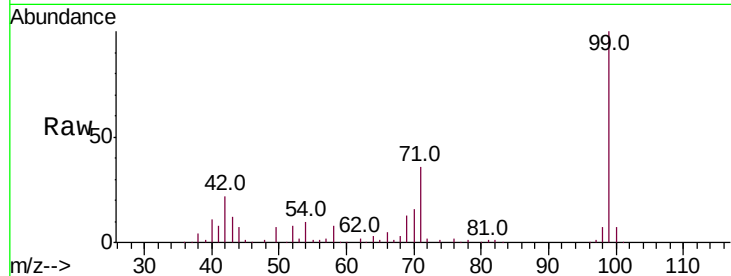
Tot Ion: 99 Resp: 221123

Ion Ratio Lower Upper

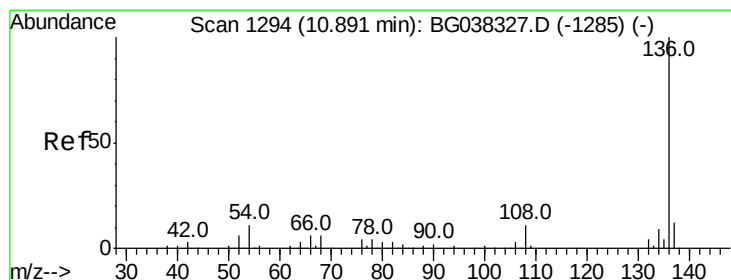
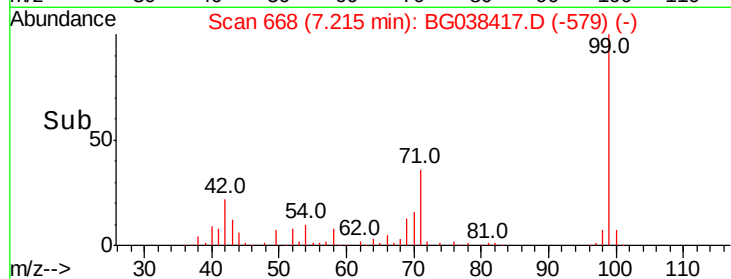
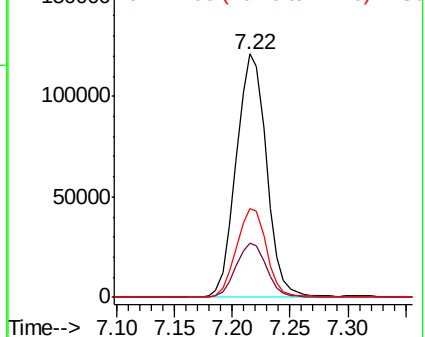
99 100

42 22.2 15.0 22.4

71 36.4 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: BG038417.D

Acq: 8 Dec 2018 00:04

Tgt Ion: 136 Resp: 154599

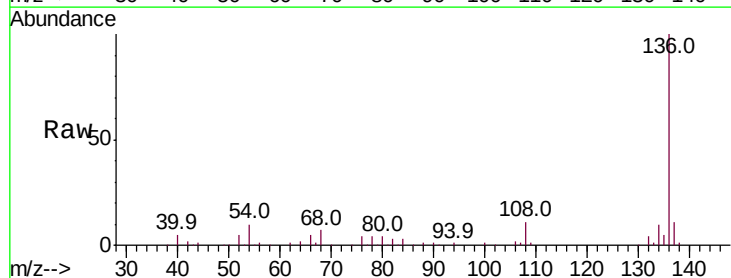
Ion Ratio Lower Upper

136 100

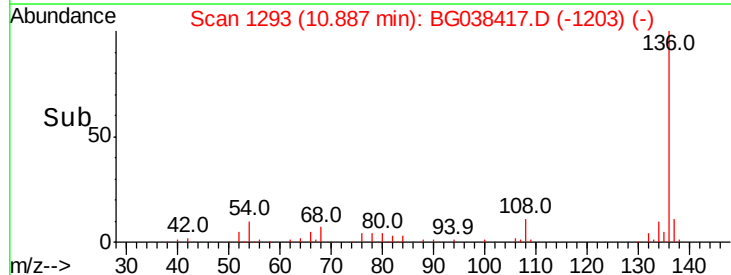
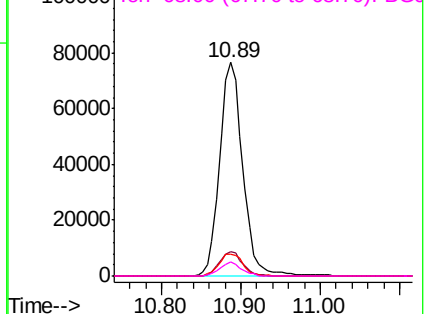
137 11.2 9.6 14.4

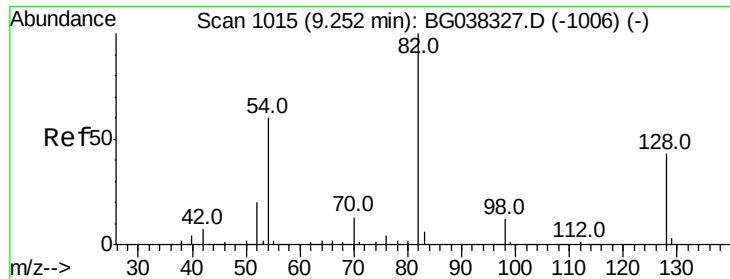
54 10.3 7.9 11.9

68 6.8 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: 48.709 ng

RT: 9.24 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BG038417.D

Acq: 8 Dec 2018 00:04

Instrument :

BNA_G

ClientSampleId :

PB115432BL

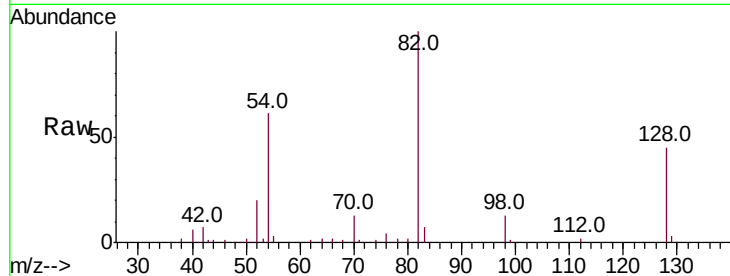
Tot Ion: 82 Resp: 151675

Ion Ratio Lower Upper

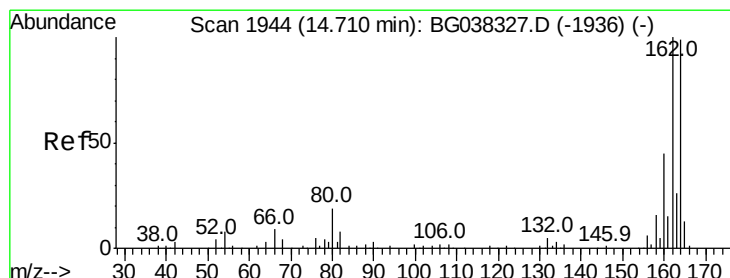
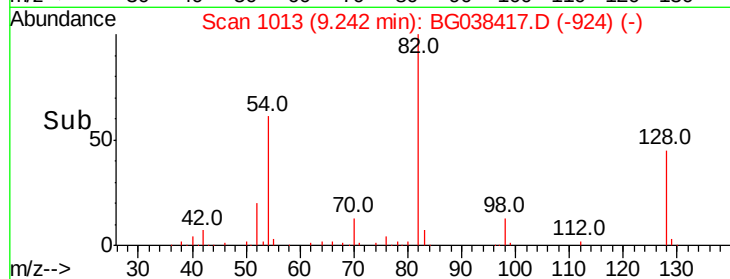
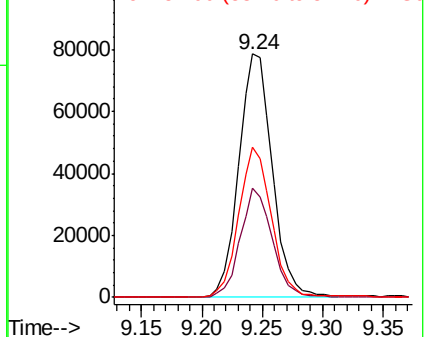
82 100

128 44.7 34.6 51.8

54 61.4 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: BG038417.D

Acq: 8 Dec 2018 00:04

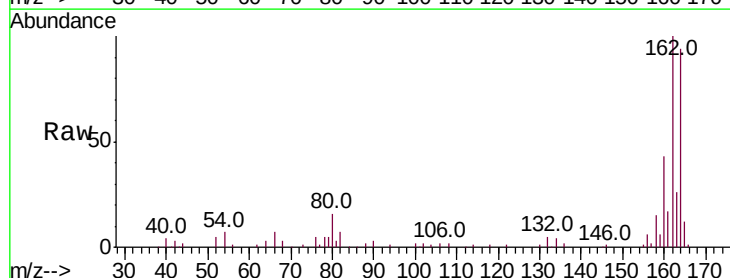
Tgt Ion: 164 Resp: 62829

Ion Ratio Lower Upper

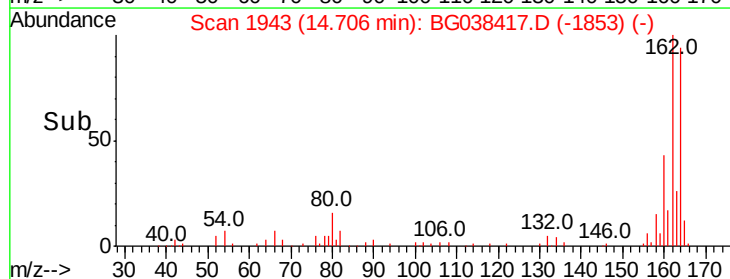
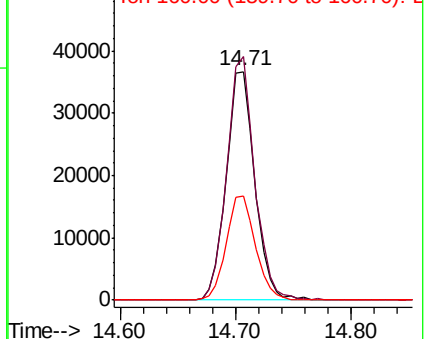
164 100

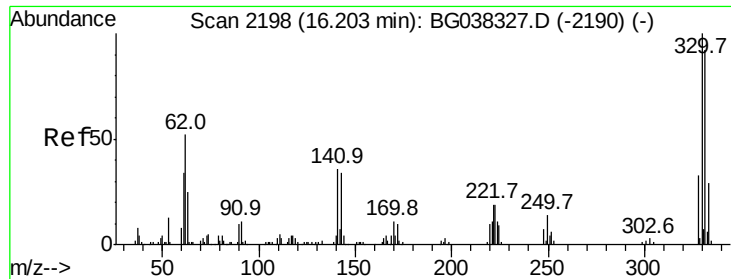
162 106.4 81.3 121.9

160 45.7 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: 133.258 ng

RT: 16.19 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG038417.D

Acq: 8 Dec 2018 00:04

Instrument :

BNA_G

ClientSampleId :

PB115432BL

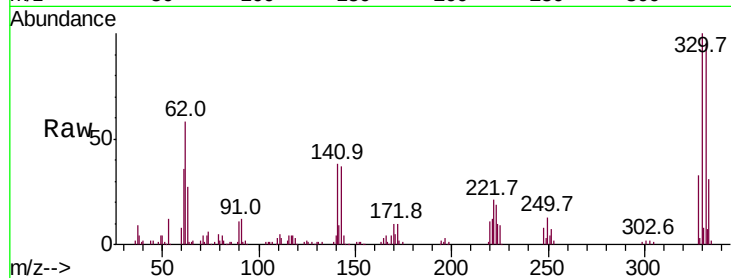
Tot Ion:330 Resp: 102782

Ion Ratio Lower Upper

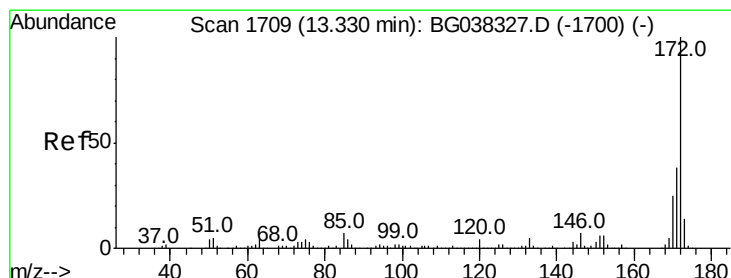
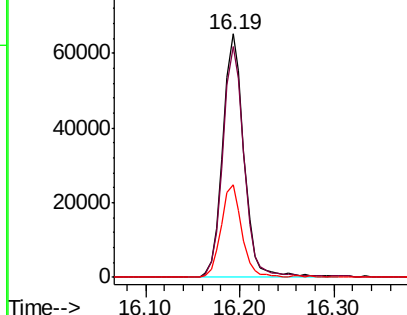
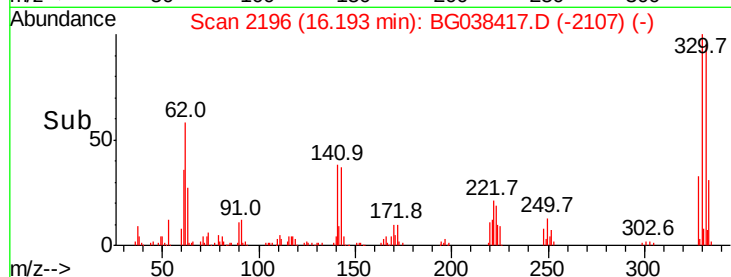
330 100

332 95.6 78.4 117.6

141 37.3 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: 77.464 ng

RT: 13.33 min Scan# 1708

Delta R.T. -0.00 min

Lab File: BG038417.D

Acq: 8 Dec 2018 00:04

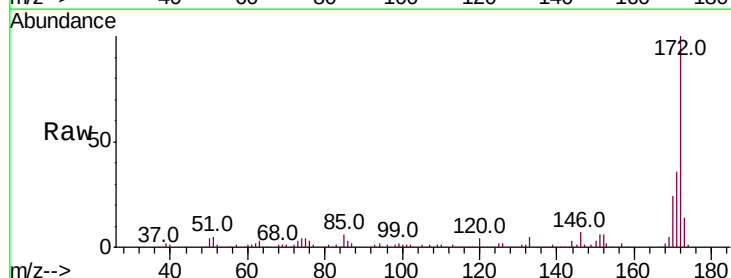
Tgt Ion:172 Resp: 341564

Ion Ratio Lower Upper

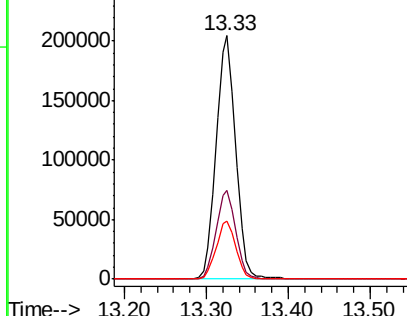
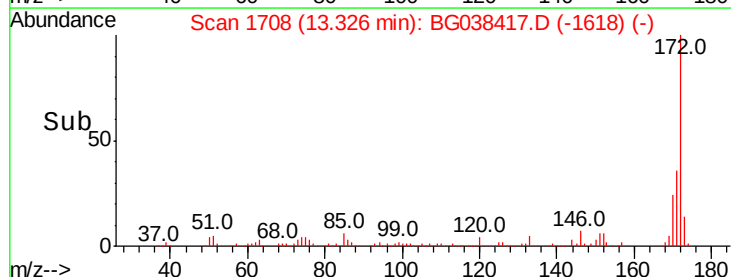
172 100

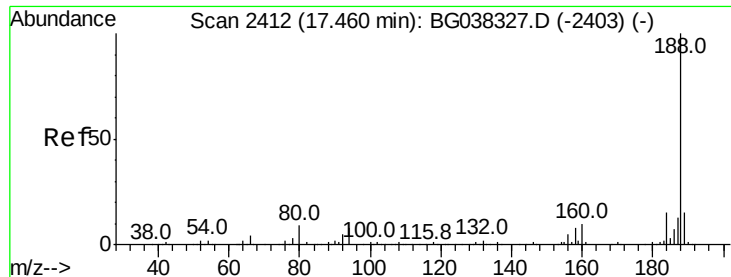
171 36.2 31.0 46.4

170 23.8 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

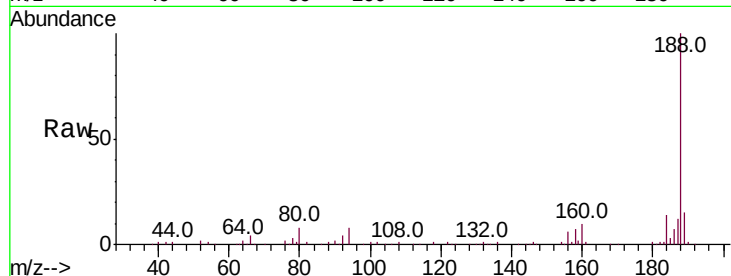




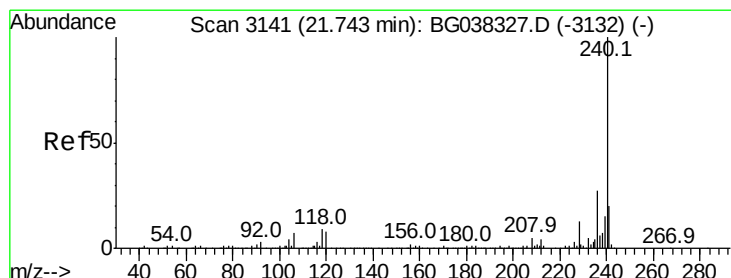
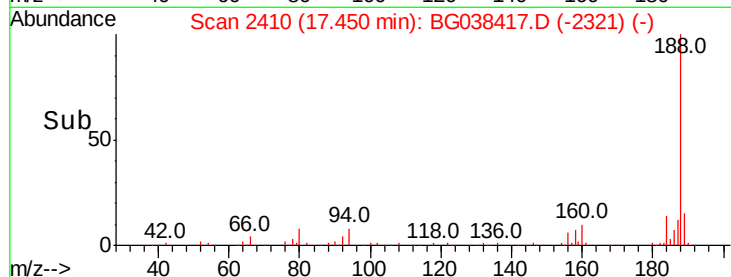
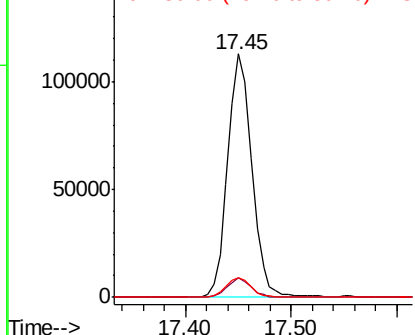
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BG038417.D
Acq: 8 Dec 2018 00:04

Instrument :
BNA_G
ClientSampleId :
PB115432BL

Tot Ion:188 Resp: 179199
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 7.9 7.7 11.5

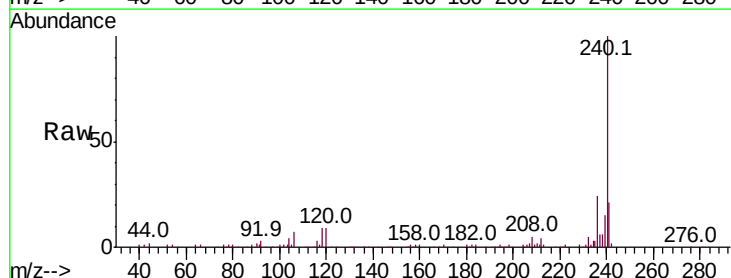


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

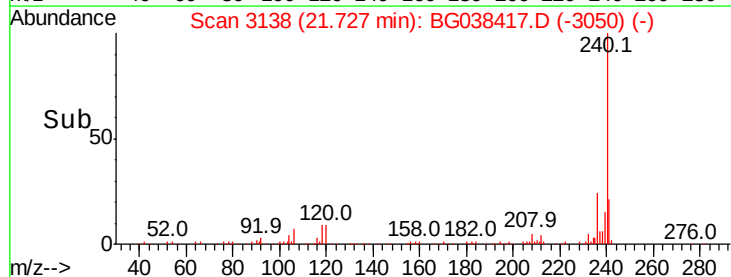
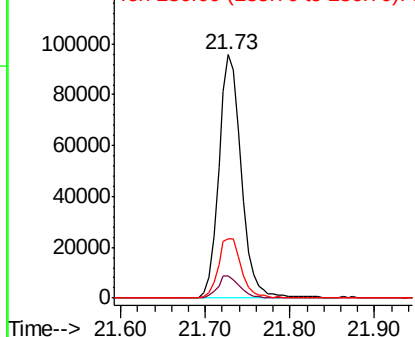


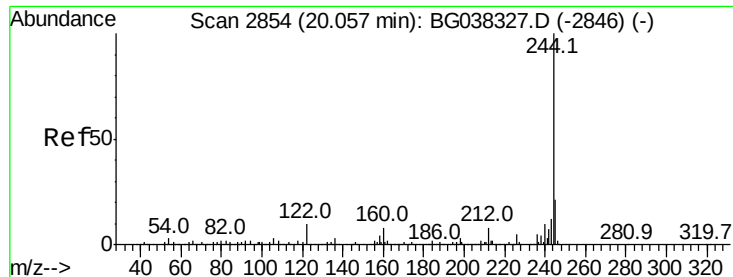
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3138
Delta R.T. -0.02 min
Lab File: BG038417.D
Acq: 8 Dec 2018 00:04

Tgt Ion:240 Resp: 177793
Ion Ratio Lower Upper
240 100
120 9.0 8.1 12.1
236 24.5 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: 81.967 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038417.D

Acq: 8 Dec 2018 00:04

Instrument :

BNA_G

ClientSampleId :

PB115432BL

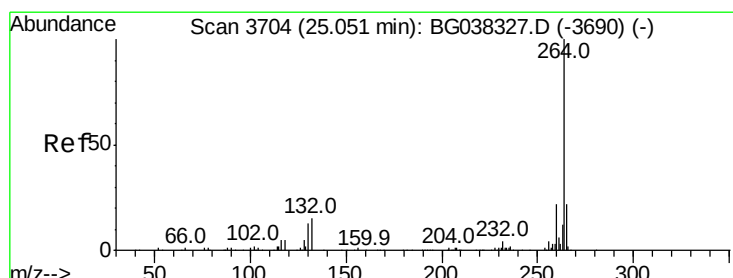
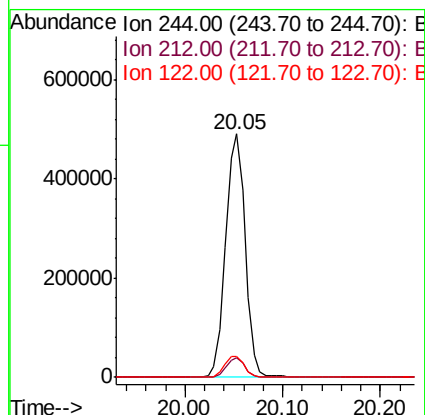
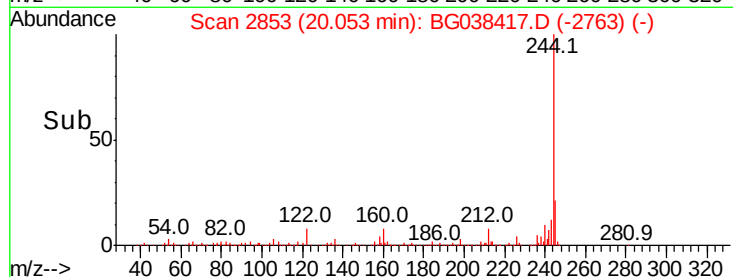
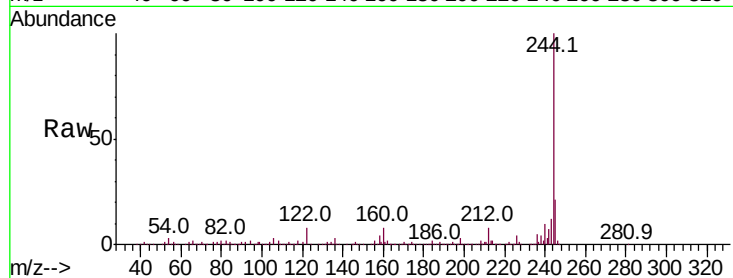
Tot Ion:244 Resp: 680275

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

122 8.4 9.0 13.4#



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3701

Delta R.T. -0.02 min

Lab File: BG038417.D

Acq: 8 Dec 2018 00:04

Tgt Ion:264 Resp: 172160

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

265 21.7 17.9 26.9

