

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
 Data File : BG038468.D
 Acq On : 11 Dec 2018 12:41
 Operator : JU/SJ
 Sample : PB115480BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115480BL

Quant Time: Dec 11 14:42:19 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	23392	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	100187	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	69934	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	186075	20.00	ng	0.00
76) Chrysene-d12	21.73	240	187445	20.00	ng	-0.01
87) Perylene-d12	25.04	264	187298	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	163508	123.70	ng	0.00
7) Phenol-d6	7.22	99	230843	120.83	ng	0.00
23) Nitrobenzene-d5	9.24	82	144778	71.75	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	69887	81.40	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	365168	74.40	ng	0.00
79) Terphenyl-d14	20.06	244	697473	79.71	ng	0.00

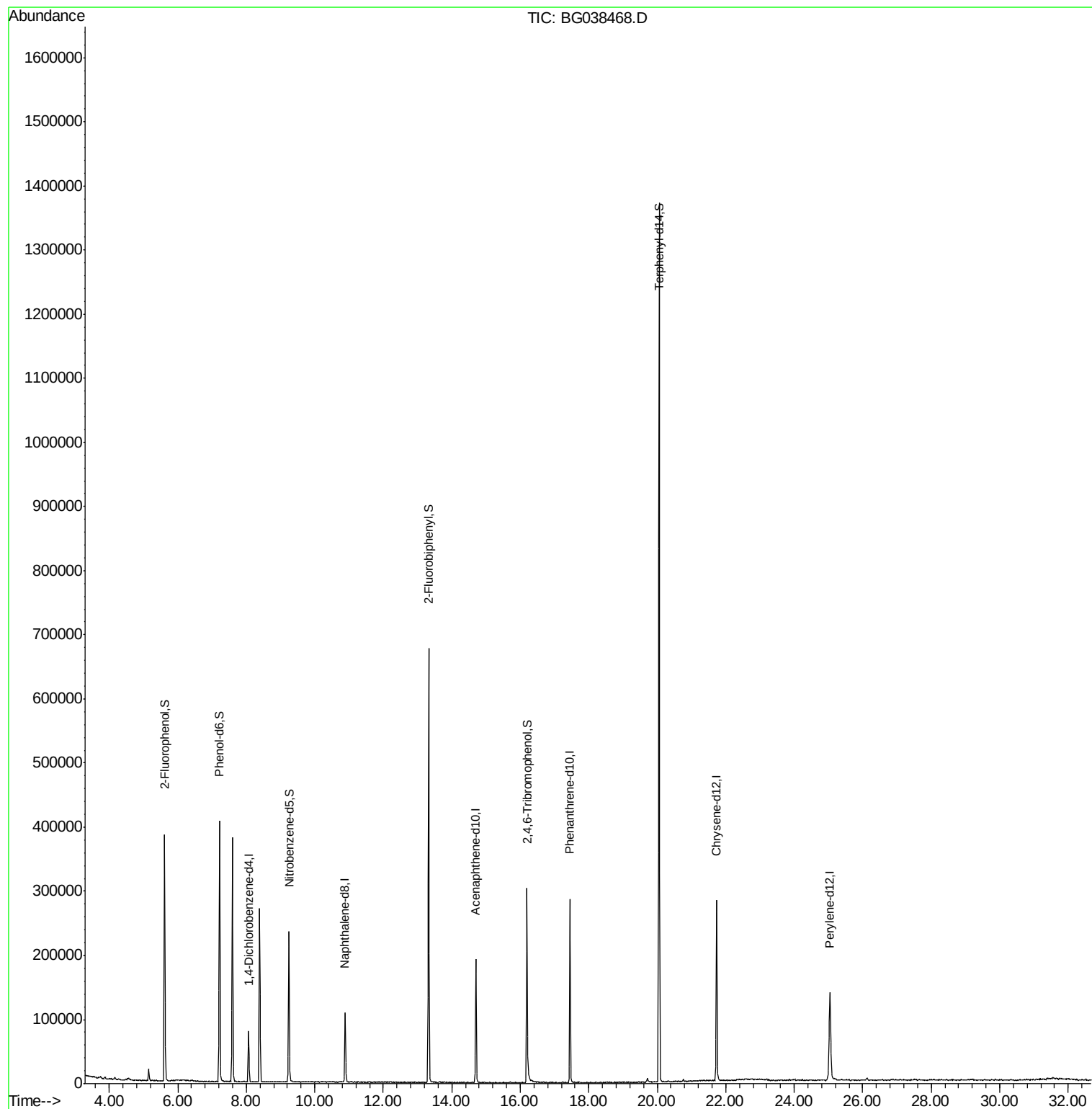
Target Compounds Qvalue

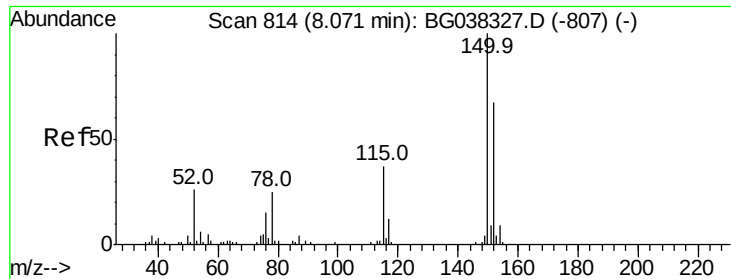
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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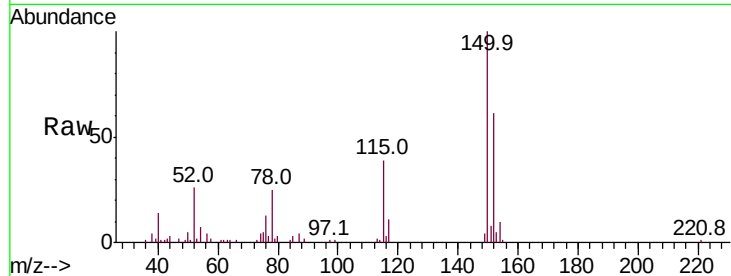


#1

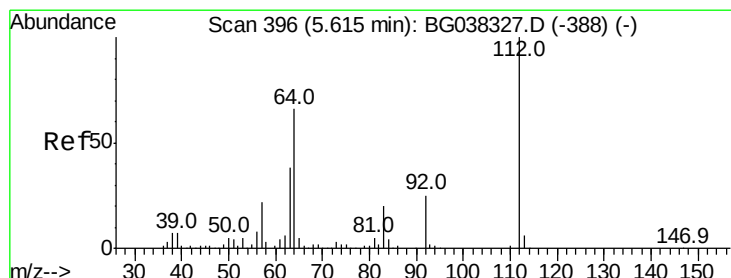
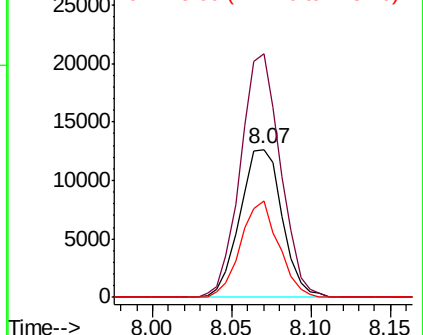
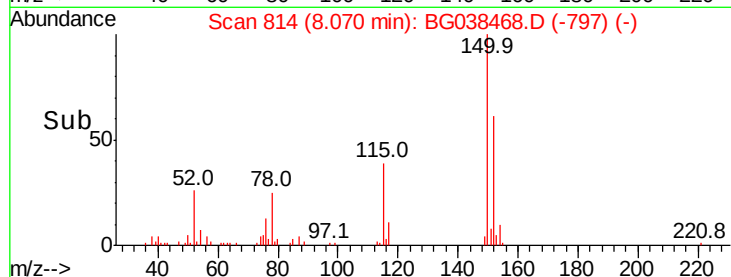
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038468.D
Acq: 11 Dec 2018 12:41

Instrument :
BNA_G
ClientSampleId :
PB115480BL

Tot Ion:152 Resp: 23392
Ion Ratio Lower Upper
152 100
150 164.5 126.0 189.0
115 64.8 45.5 68.3



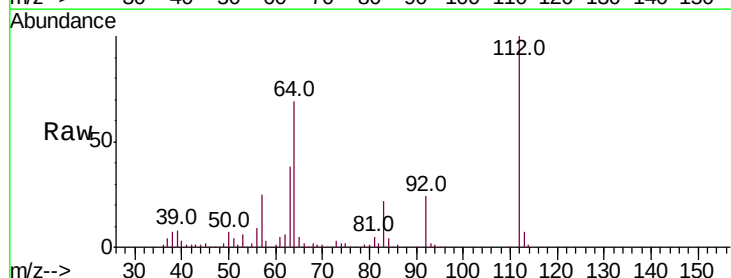
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



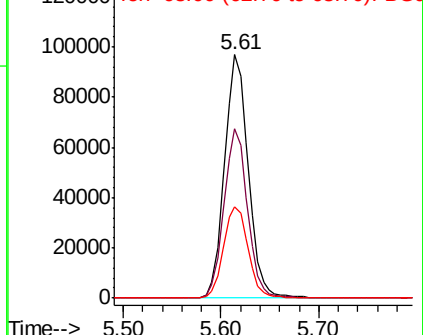
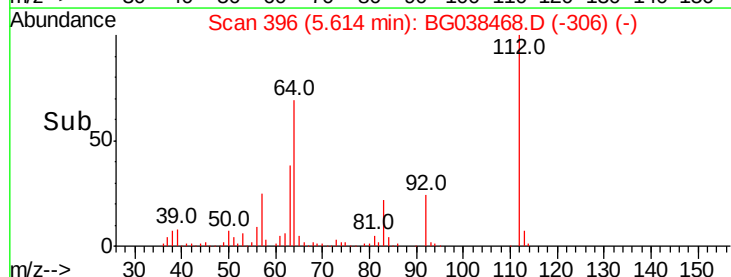
#5

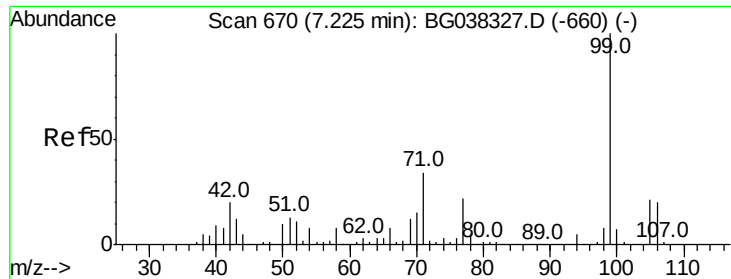
2-Fluorophenol
Concen: 123.696 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038468.D
Acq: 11 Dec 2018 12:41

Tgt Ion:112 Resp: 163508
Ion Ratio Lower Upper
112 100
64 69.4 53.1 79.7
63 37.5 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: 120.828 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038468.D

Acq: 11 Dec 2018 12:41

Instrument :

BNA_G

ClientSampleId :

PB115480BL

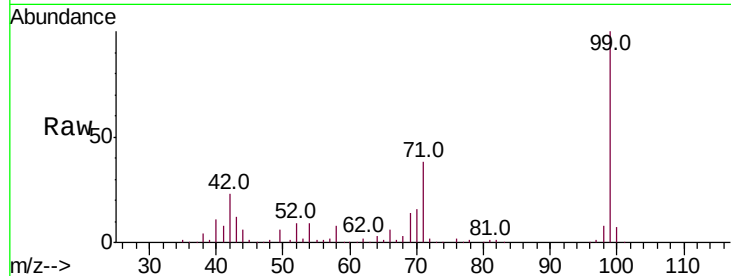
Tot Ion: 99 Resp: 230843

Ion Ratio Lower Upper

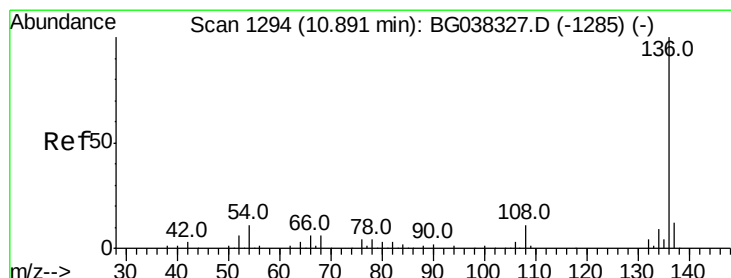
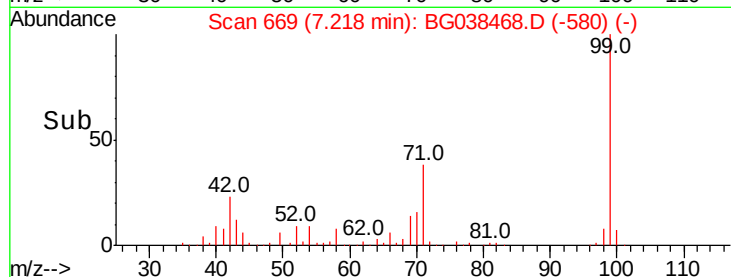
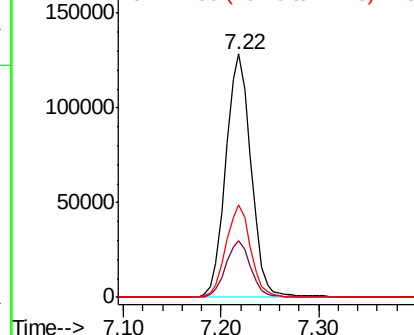
99 100

42 23.4 15.0 22.4#

71 37.8 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: BG038468.D

Acq: 11 Dec 2018 12:41

Tgt Ion: 136 Resp: 100187

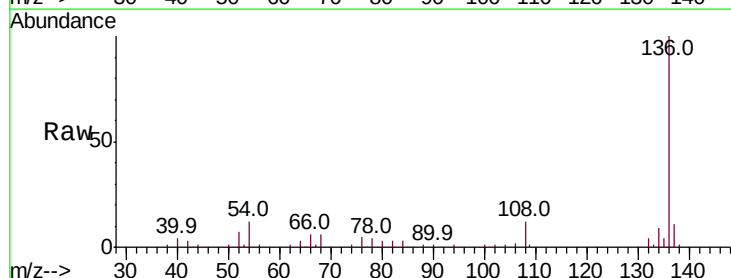
Ion Ratio Lower Upper

136 100

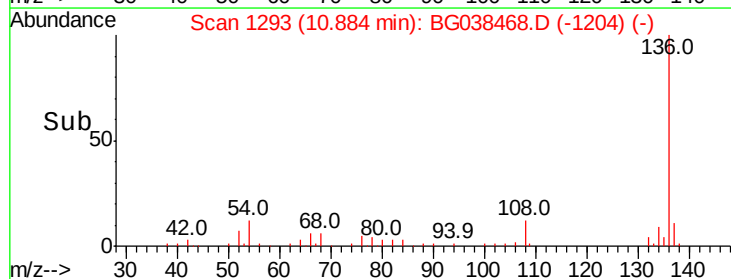
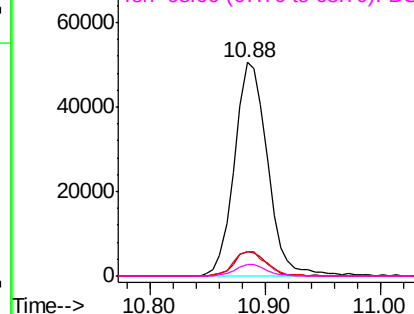
137 11.5 9.6 14.4

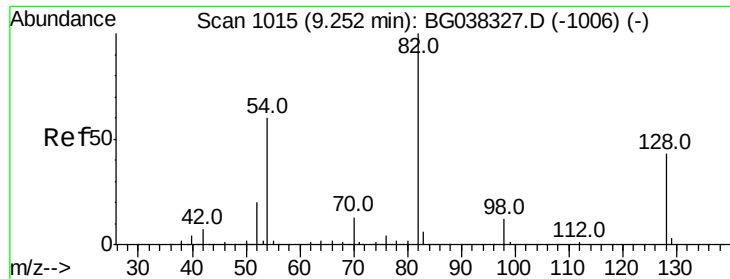
54 11.7 7.9 11.9

68 5.6 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

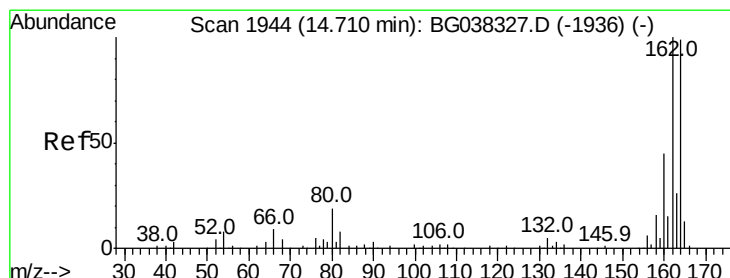
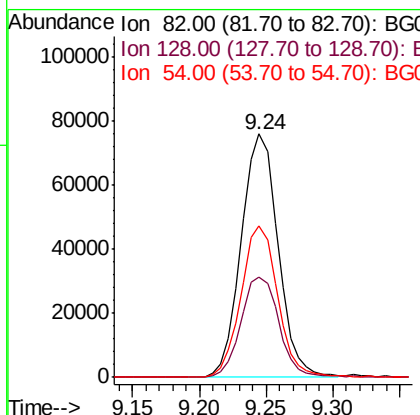
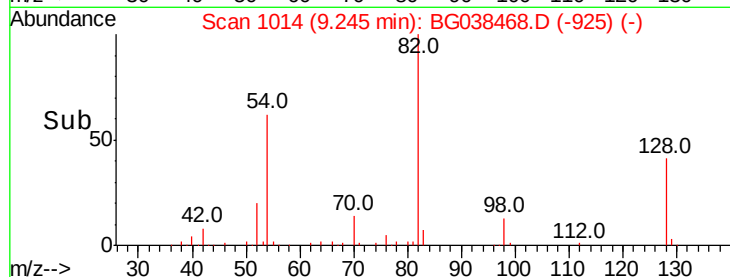
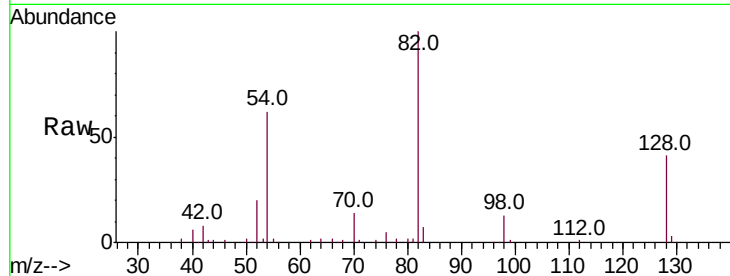




#23
 Nitrobenzene-d5
 Concen: 71.745 ng
 RT: 9.24 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG038468.D
 Acq: 11 Dec 2018 12:41

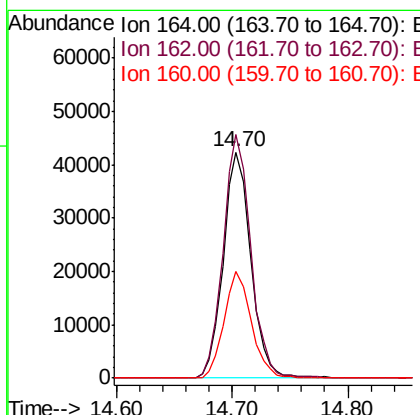
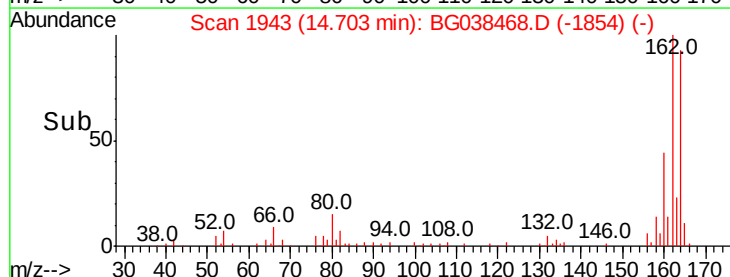
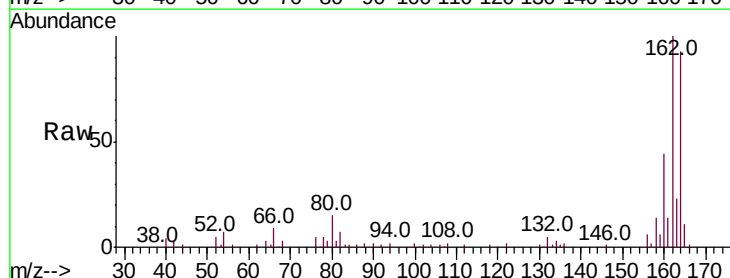
Instrument :
 BNA_G
 ClientSampleId :
 PB115480BL

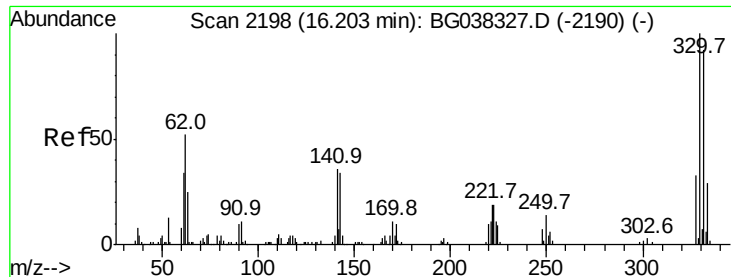
Tot Ion: 82 Resp: 144778
 Ion Ratio Lower Upper
 82 100
 128 41.3 34.6 51.8
 54 62.2 45.3 67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.01 min
 Lab File: BG038468.D
 Acq: 11 Dec 2018 12:41

Tgt Ion: 164 Resp: 69934
 Ion Ratio Lower Upper
 164 100
 162 107.6 81.3 121.9
 160 47.0 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 81.404 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038468.D

Acq: 11 Dec 2018 12:41

Instrument :

BNA_G

ClientSampleId :

PB115480BL

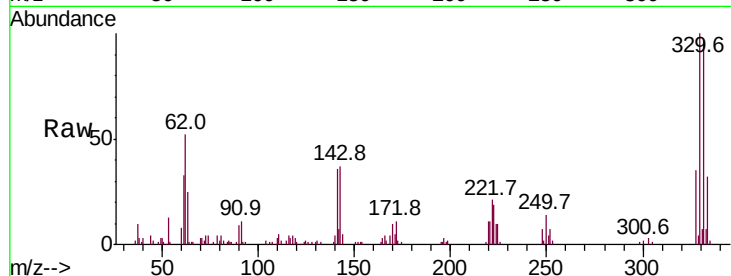
Tot Ion:330 Resp: 69887

Ion Ratio Lower Upper

330 100

332 99.3 78.4 117.6

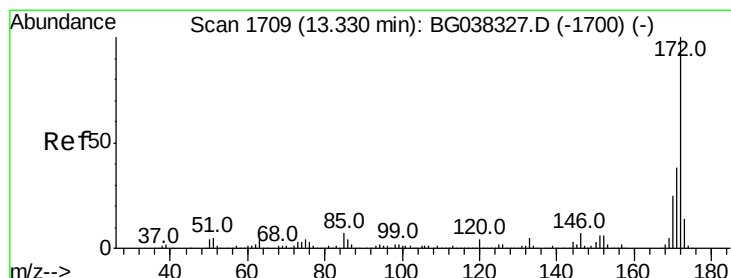
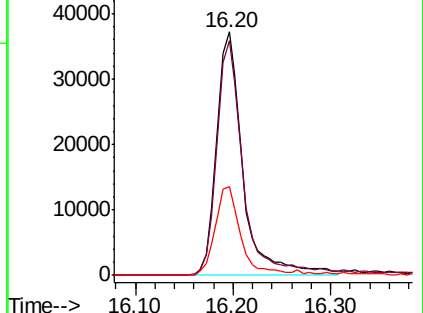
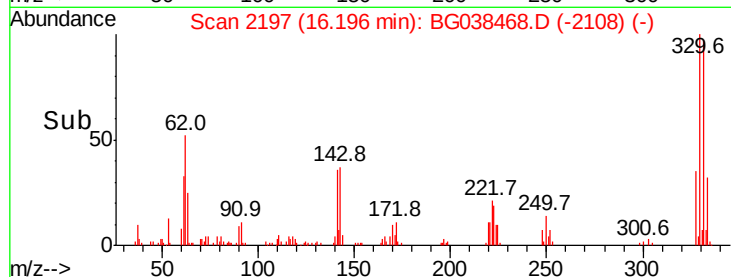
141 34.8 32.2 48.2



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: 74.403 ng

RT: 13.32 min Scan# 1708

Delta R.T. -0.01 min

Lab File: BG038468.D

Acq: 11 Dec 2018 12:41

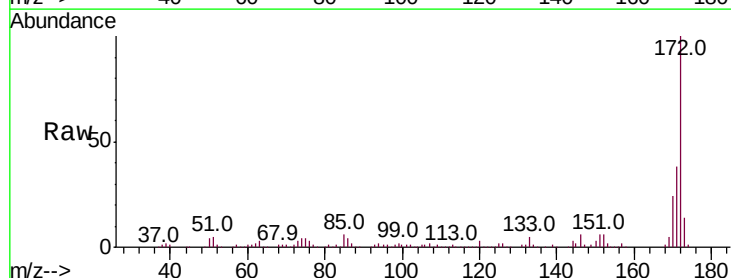
Tgt Ion:172 Resp: 365168

Ion Ratio Lower Upper

172 100

171 37.9 31.0 46.4

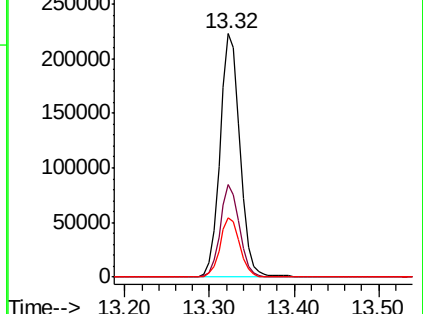
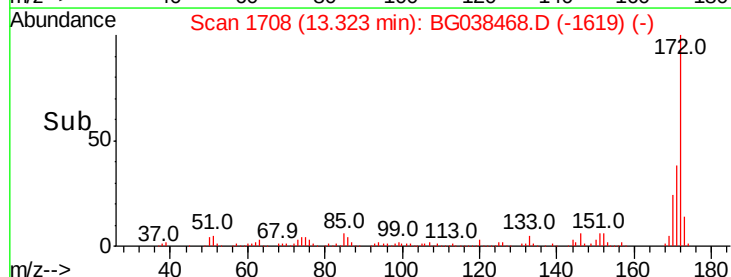
170 24.3 20.2 30.2

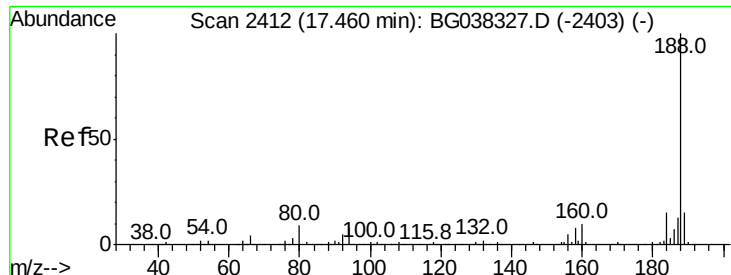


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

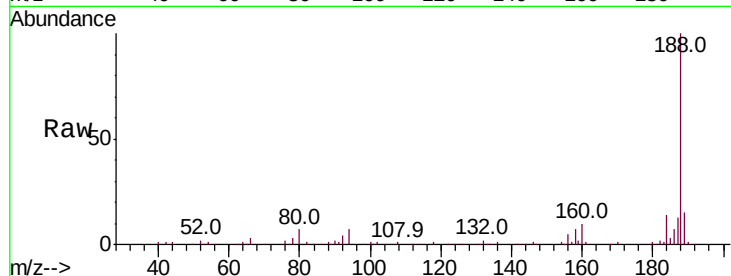




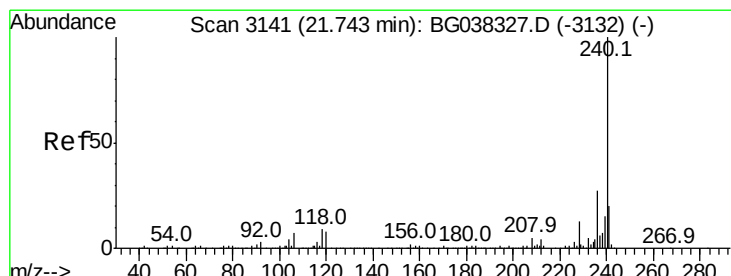
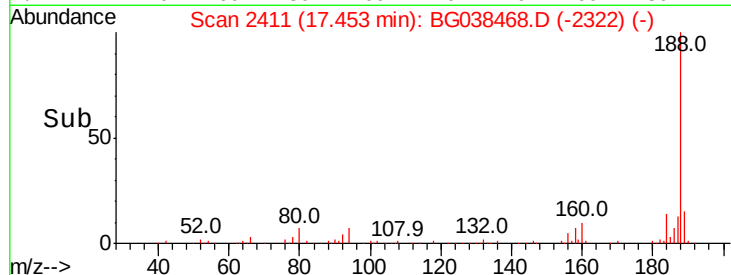
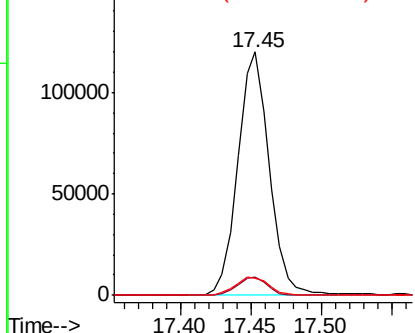
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG038468.D
 Acq: 11 Dec 2018 12:41

Instrument :
 BNA_G
 ClientSampleId :
 PB115480BL

Tot Ion:188 Resp: 186075
 Ion Ratio Lower Upper
 188 100
 94 7.5 7.2 10.8
 80 7.0 7.7 11.5#

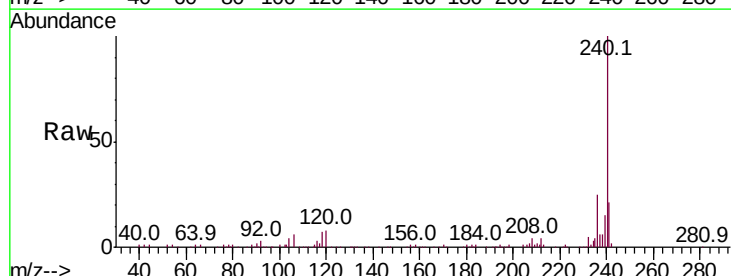


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

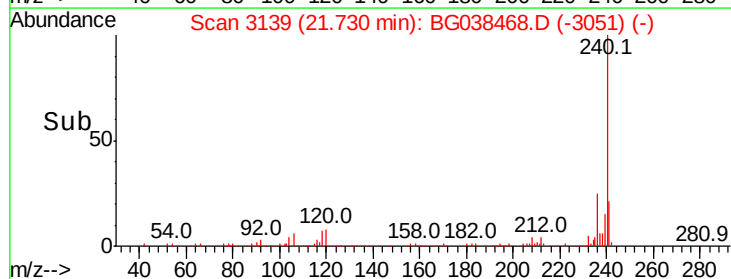
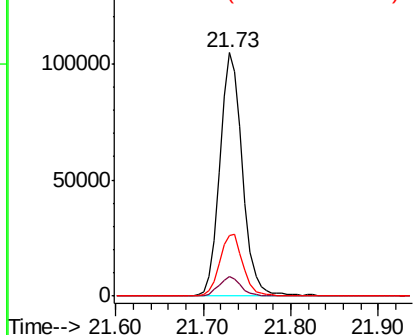


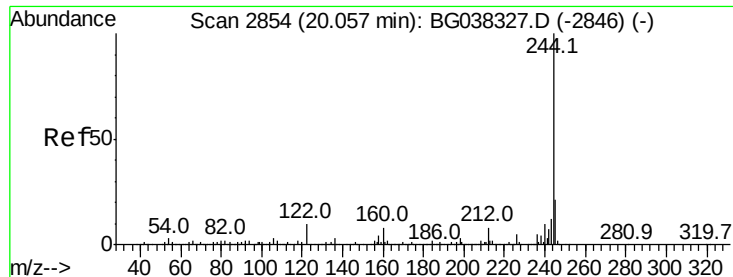
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG038468.D
 Acq: 11 Dec 2018 12:41

Tgt Ion:240 Resp: 187445
 Ion Ratio Lower Upper
 240 100
 120 8.1 8.1 12.1
 236 25.0 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: 79.712 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038468.D

Acq: 11 Dec 2018 12:41

Instrument :

BNA_G

ClientSampleId :

PB115480BL

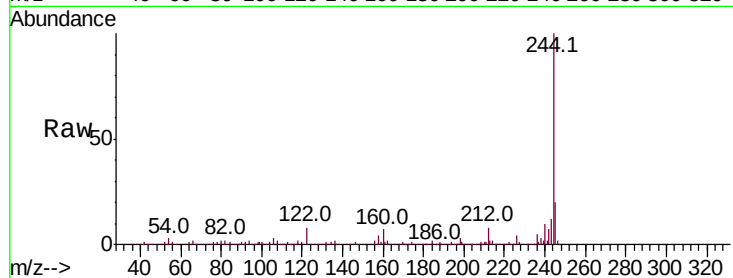
Tot Ion:244 Resp: 697473

Ion Ratio Lower Upper

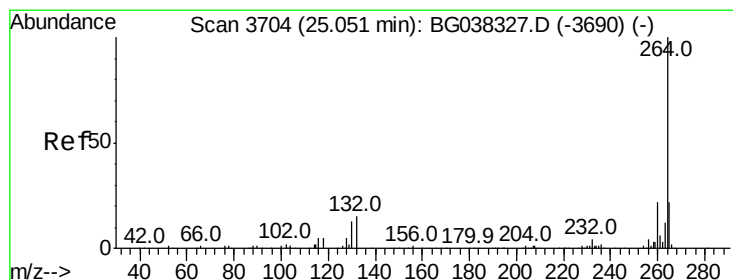
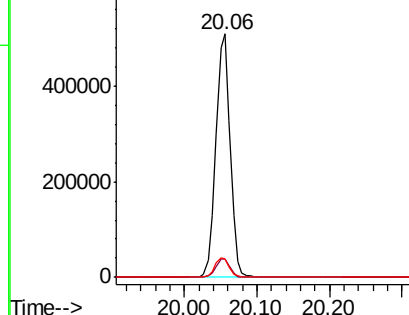
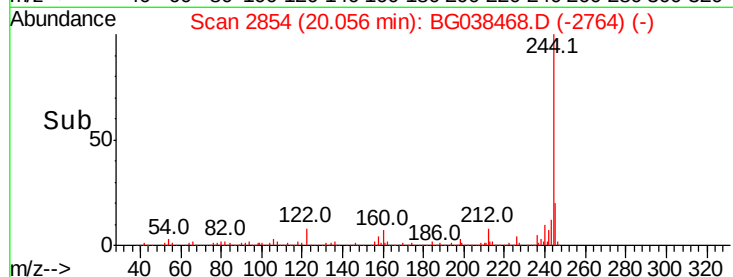
244 100

212 7.5 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# 3703

Delta R.T. -0.01 min

Lab File: BG038468.D

Acq: 11 Dec 2018 12:41

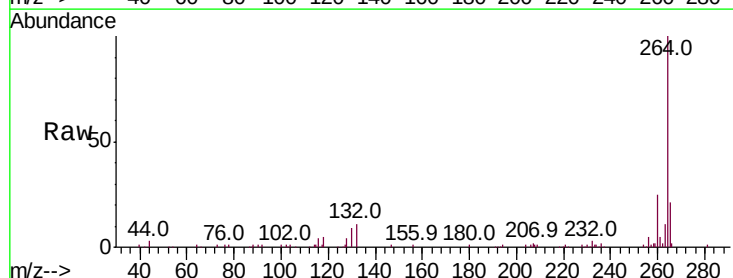
Tgt Ion:264 Resp: 187298

Ion Ratio Lower Upper

264 100

260 24.6 18.2 27.4

265 21.1 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

