

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
 Data File : BG038342.D
 Acq On : 5 Dec 2018 2:31
 Operator : JU/SJ
 Sample : PB115249BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115249BL

Quant Time: Dec 05 06:18:57 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	28546	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	113719	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	74197	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	193447	20.00	ng	0.00
76) Chrysene-d12	21.74	240	292327	20.00	ng	0.00
87) Perylene-d12	25.04	264	293978	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	196565	121.86	ng	0.00
7) Phenol-d6	7.22	99	410038	175.87	ng	0.00
23) Nitrobenzene-d5	9.25	82	170807	74.57	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	114883	126.13	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	410373	78.81	ng	0.00
79) Terphenyl-d14	20.06	244	1081953	79.29	ng	0.00

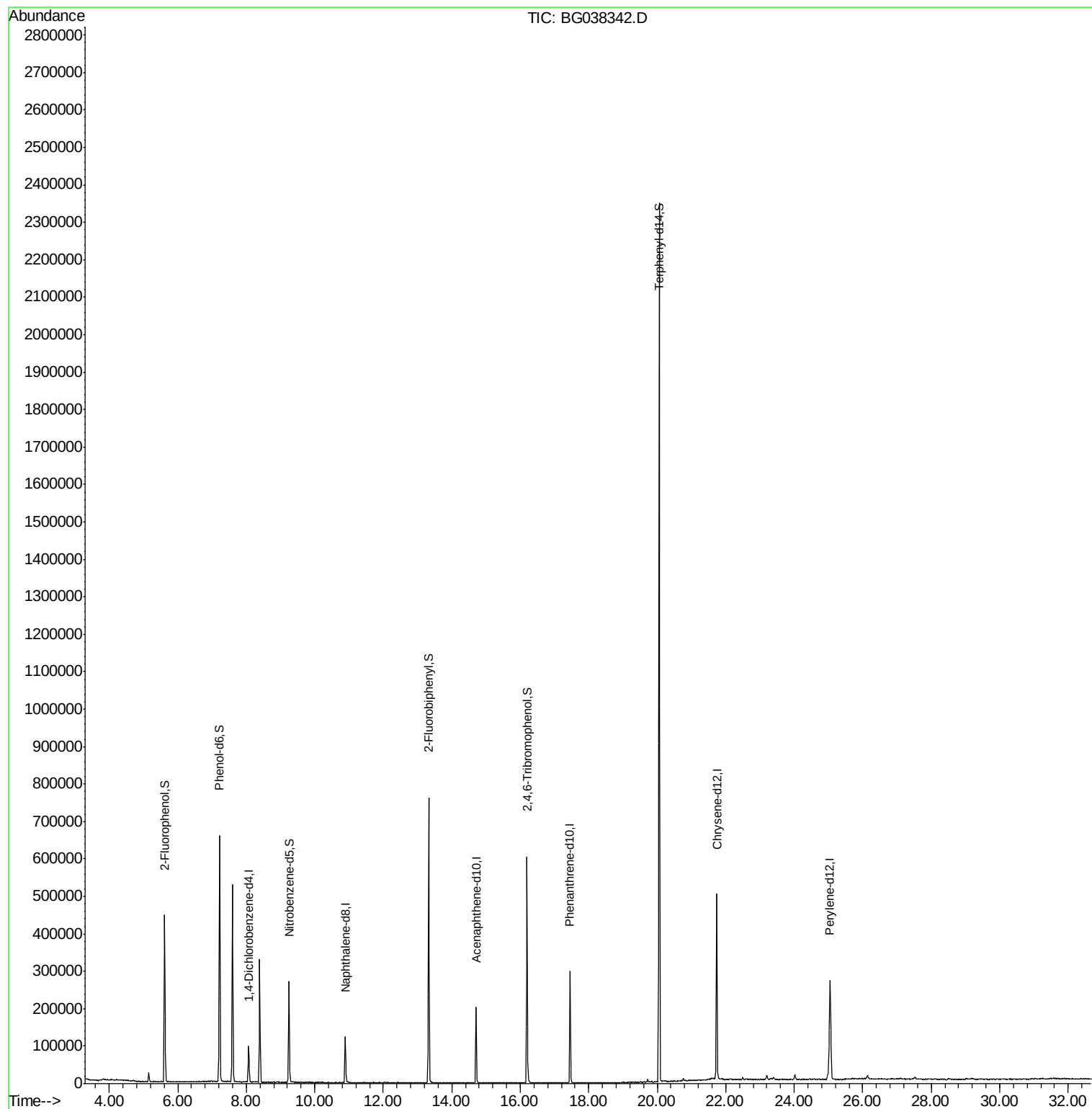
Target Compounds Qvalue

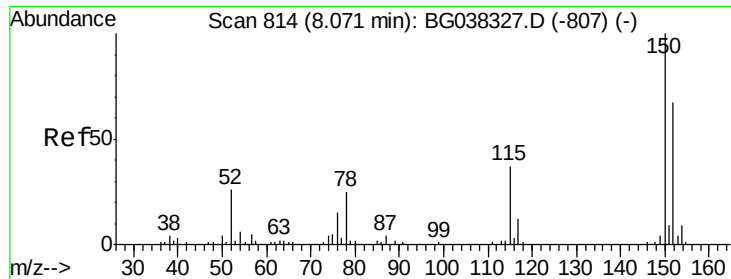
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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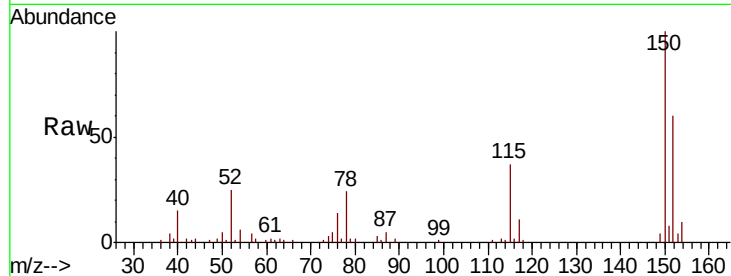


#1

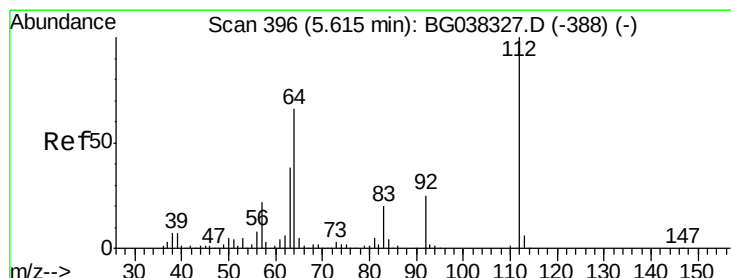
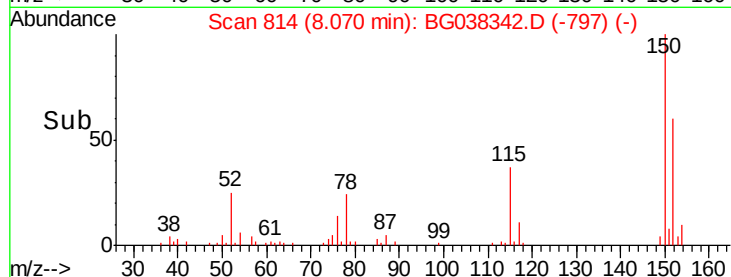
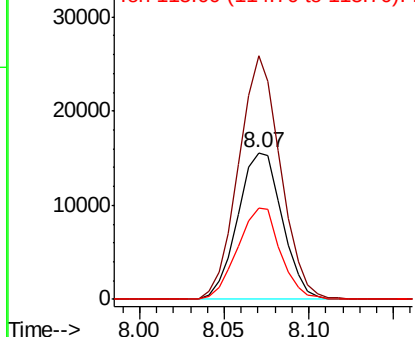
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038342.D
Acq: 5 Dec 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB115249BL

Tot Ion:152 Resp: 28546
Ion Ratio Lower Upper
152 100
150 165.9 126.0 189.0
115 61.9 45.5 68.3



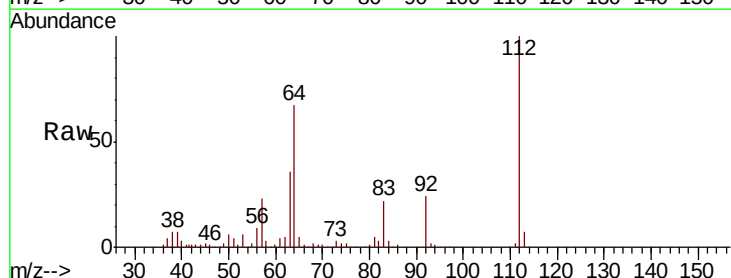
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



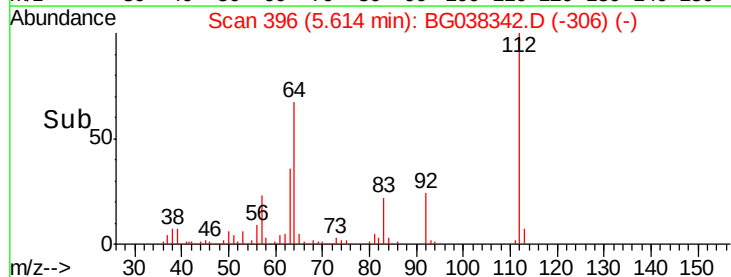
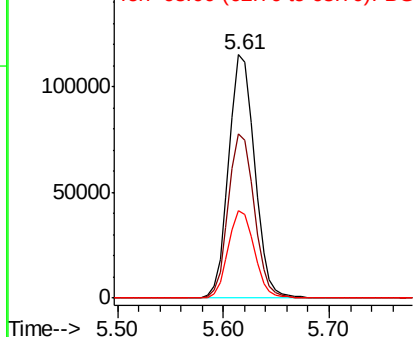
#5

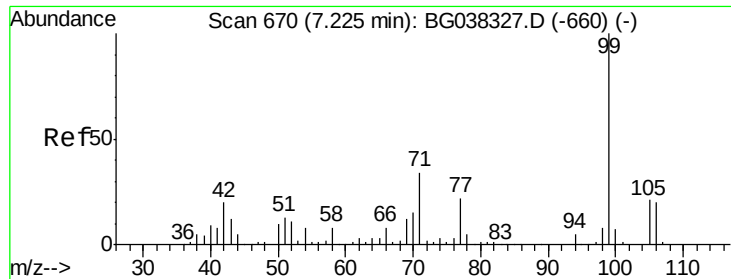
2-Fluorophenol
Concen: 121.856 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038342.D
Acq: 5 Dec 2018 2:31

Tgt Ion:112 Resp: 196565
Ion Ratio Lower Upper
112 100
64 67.4 53.1 79.7
63 36.0 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: 175.872 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038342.D

Acq: 5 Dec 2018 2:31

Instrument :

BNA_G

ClientSampleId :

PB115249BL

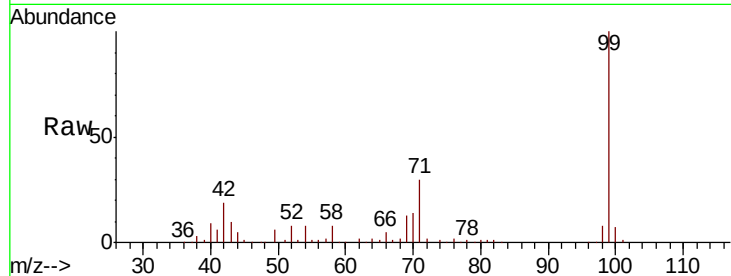
Tot Ion: 99 Resp: 410038

Ion Ratio Lower Upper

99 100

42 18.6 15.0 22.4

71 30.3 25.5 38.3

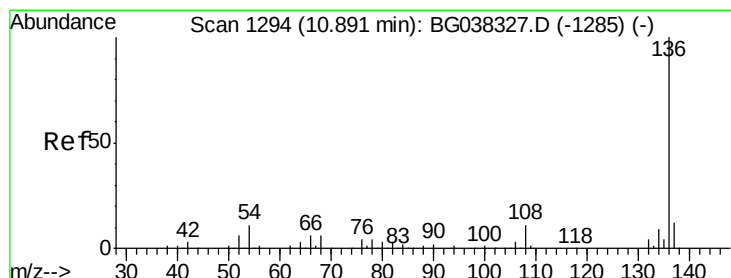
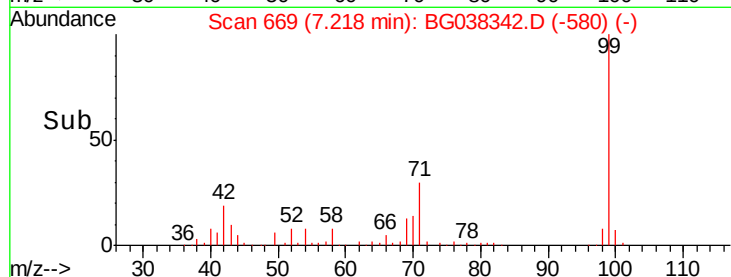
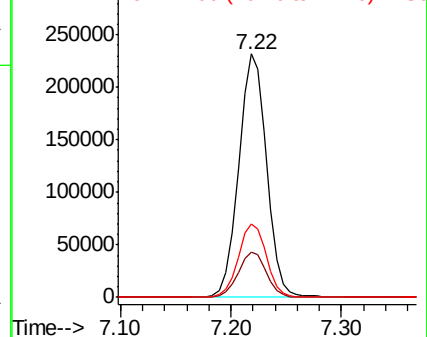


Abundance

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: 10.89 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG038342.D

Acq: 5 Dec 2018 2:31

Tgt Ion: 136 Resp: 113719

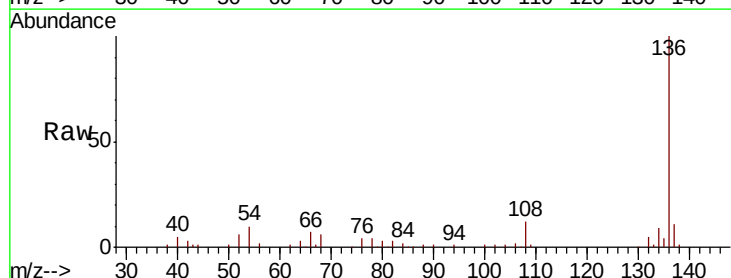
Ion Ratio Lower Upper

136 100

137 11.4 9.6 14.4

54 10.5 7.9 11.9

68 6.1 4.8 7.2



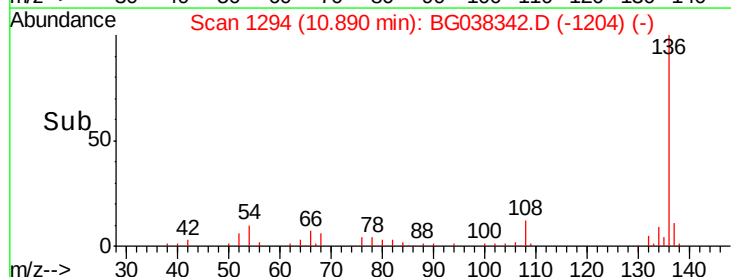
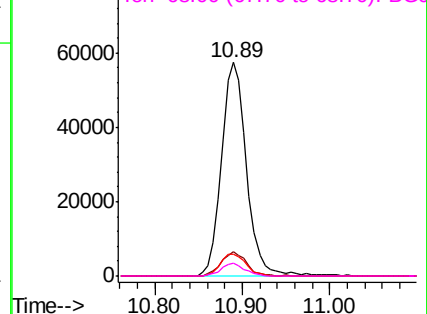
Abundance

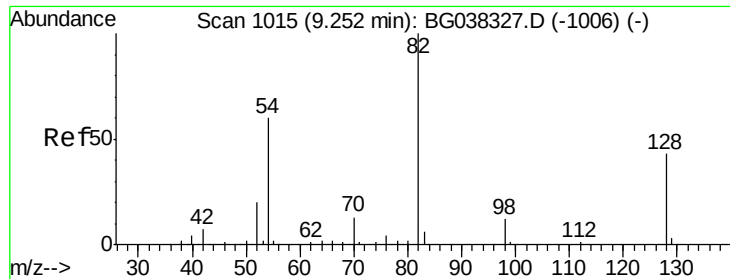
Ion 136.00 (135.70 to 136.70): BGC

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

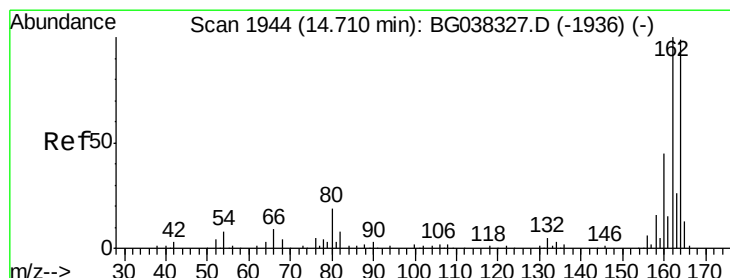
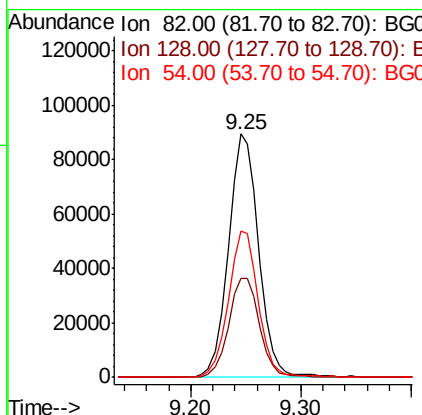
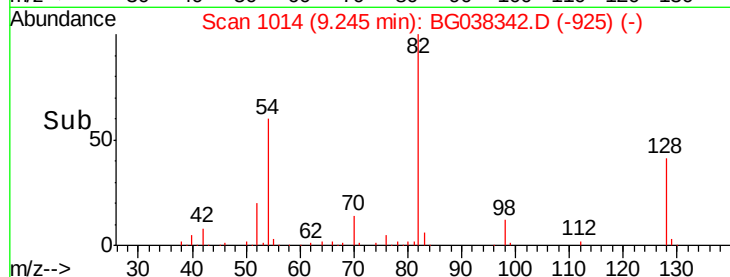
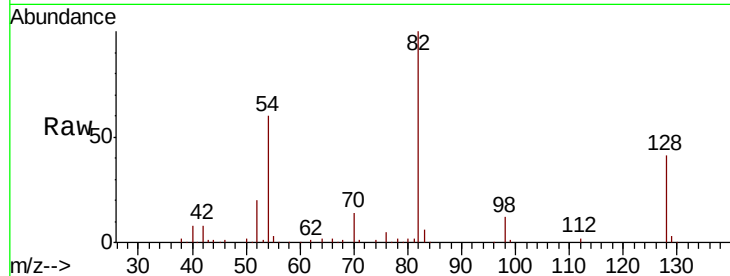




#23
Nitrobenzene-d5
Concen: 74.572 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038342.D
Acq: 5 Dec 2018 2:31

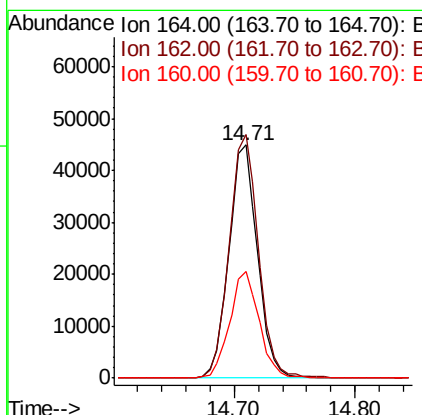
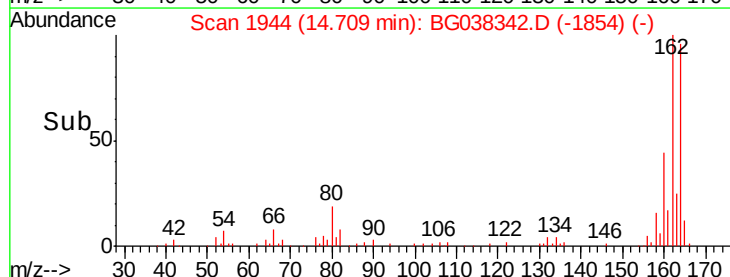
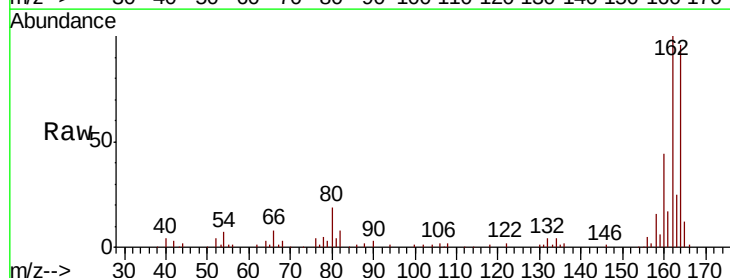
Instrument :
BNA_G
ClientSampleId :
PB115249BL

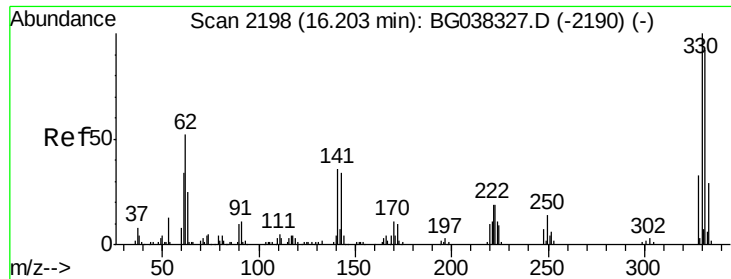
Tot Ion	82	Resp	170807
Ion Ratio	100	Lower	Upper
128	40.8	34.6	51.8
54	60.0	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BG038342.D
Acq: 5 Dec 2018 2:31

Tgt Ion	164	Resp	74197
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	104.4	81.3	121.9
160	45.5	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 126.126 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038342.D

Acq: 5 Dec 2018 2:31

Instrument :

BNA_G

ClientSampleId :

PB115249BL

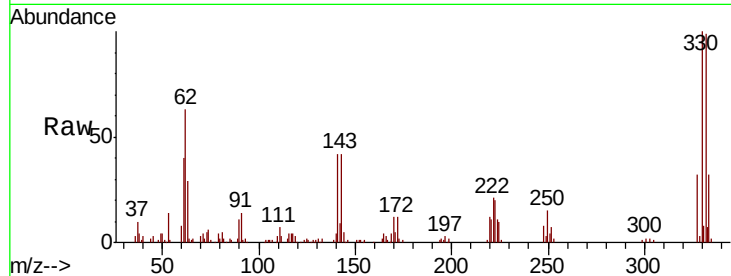
Tot Ion:330 Resp: 114883

Ion Ratio Lower Upper

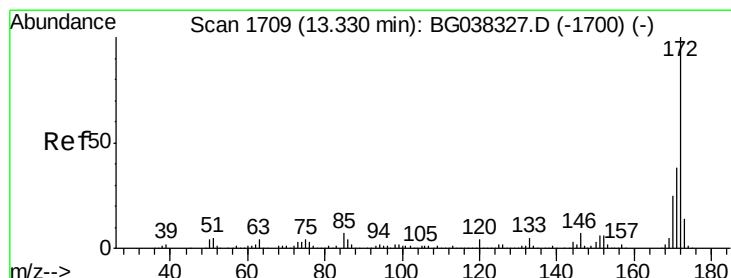
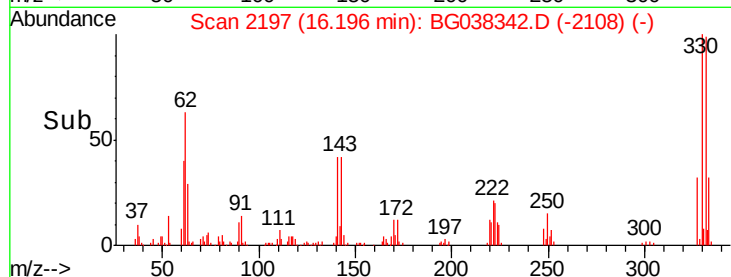
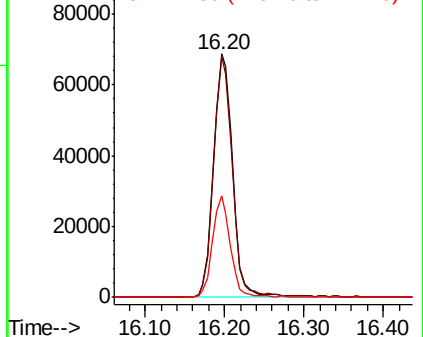
330 100

332 97.3 78.4 117.6

141 38.6 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: 78.810 ng

RT: 13.33 min Scan# 1709

Delta R.T. -0.00 min

Lab File: BG038342.D

Acq: 5 Dec 2018 2:31

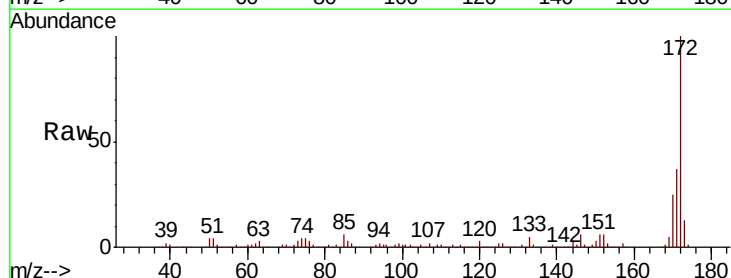
Tgt Ion:172 Resp: 410373

Ion Ratio Lower Upper

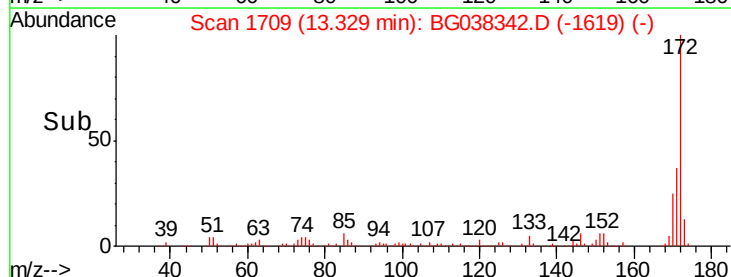
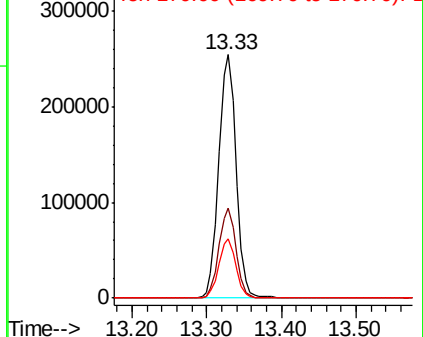
172 100

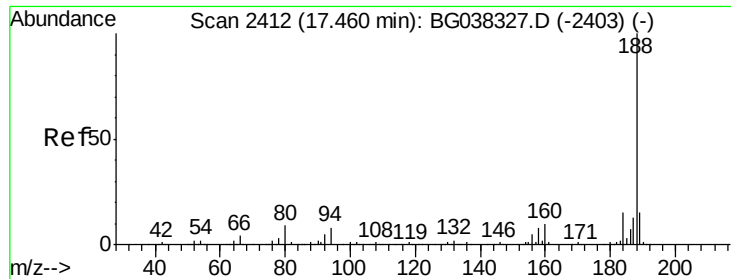
171 37.0 31.0 46.4

170 24.5 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

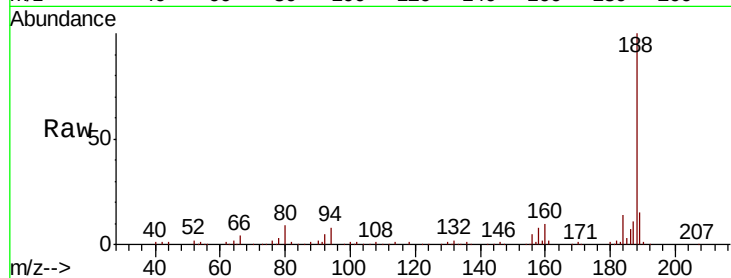




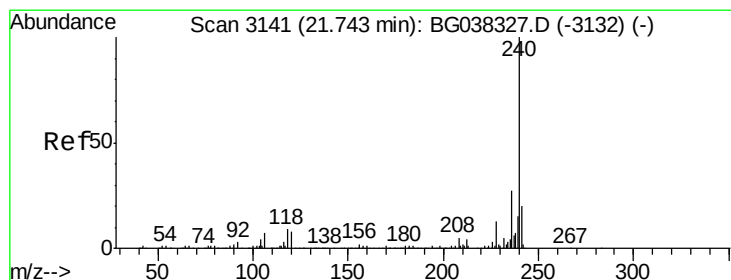
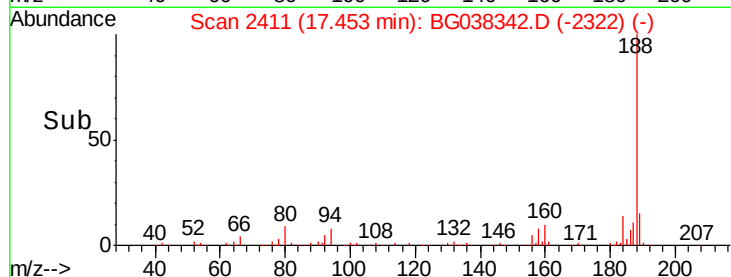
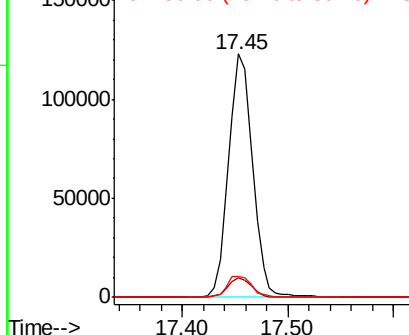
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG038342.D
Acq: 5 Dec 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB115249BL

Tot Ion:188 Resp: 193447
Ion Ratio Lower Upper
188 100
94 8.3 7.2 10.8
80 8.8 7.7 11.5

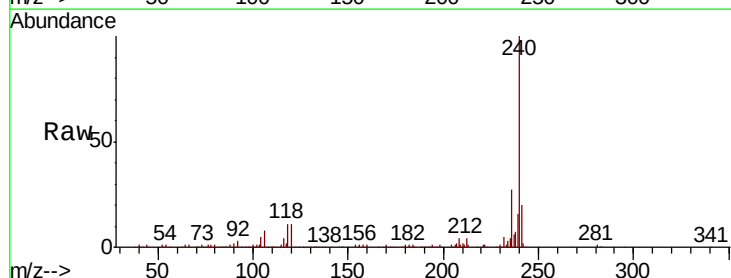


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

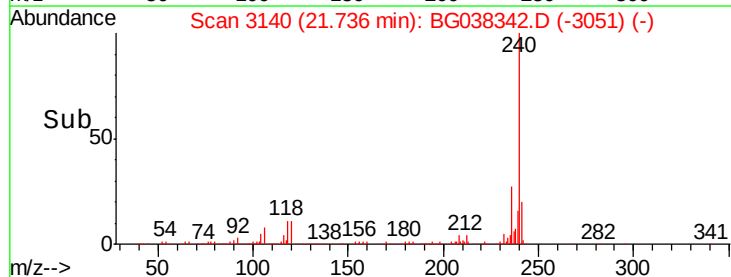
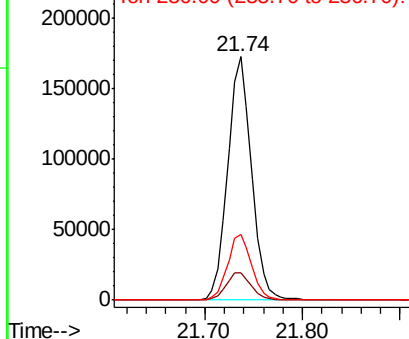


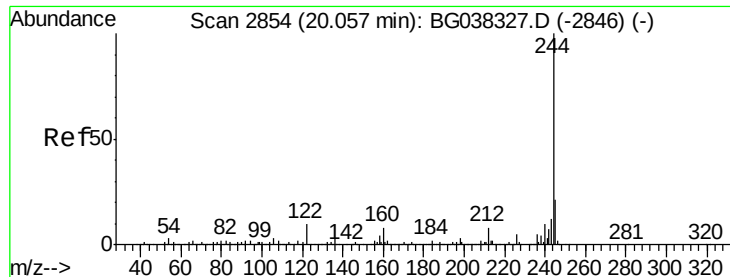
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG038342.D
Acq: 5 Dec 2018 2:31

Tgt Ion:240 Resp: 292327
Ion Ratio Lower Upper
240 100
120 11.4 8.1 12.1
236 26.7 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: 79.289 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038342.D

Acq: 5 Dec 2018 2:31

Instrument :

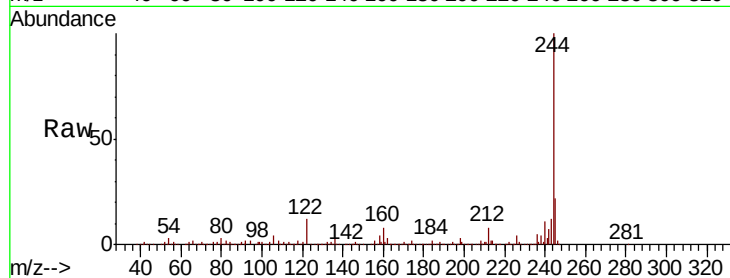
BNA_G

ClientSampleId :

PB115249BL

Tot Ion:244 Resp: 1081953

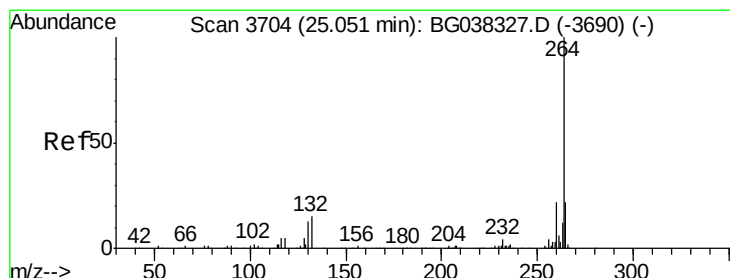
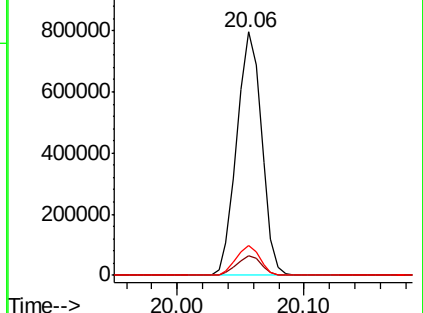
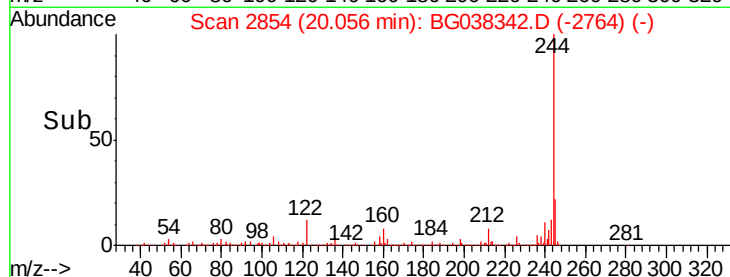
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	12.2	9.0	13.4



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

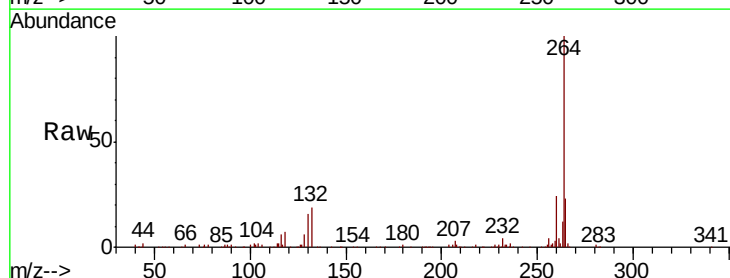
Delta R.T. -0.01 min

Lab File: BG038342.D

Acq: 5 Dec 2018 2:31

Tgt Ion:264 Resp: 293978

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	22.5	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

