

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037820.D
 Acq On : 6 Nov 2018 2:14
 Operator : JU/SJ
 Sample : PB114415BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114415BL

Quant Time: Nov 06 05:56:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	58960	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	265983	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	178369	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	388131	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	350076	20.00	ng	-0.02
87) Perylene-d12	25.09	264	299674	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	439466	124.61	ng	-0.01
7) Phenol-d6	7.24	99	632518	118.61	ng	-0.01
23) Nitrobenzene-d5	9.27	82	377949	79.60	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	202485	104.08	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	960521	81.20	ng	-0.02
79) Terphenyl-d14	20.08	244	1347091	82.22	ng	-0.01

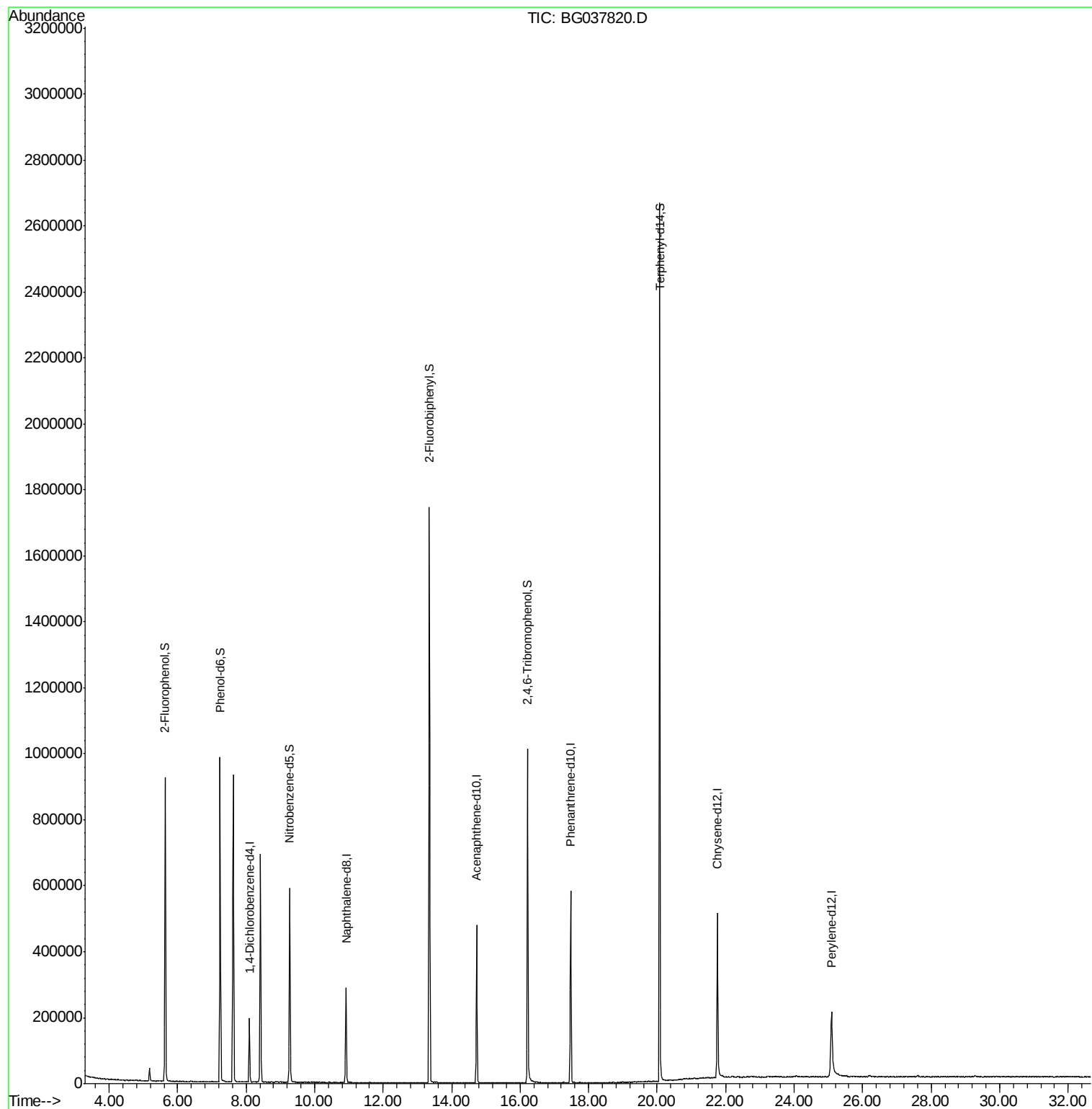
Target Compounds Qvalue

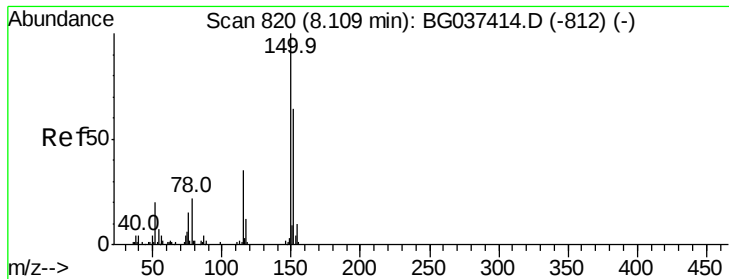
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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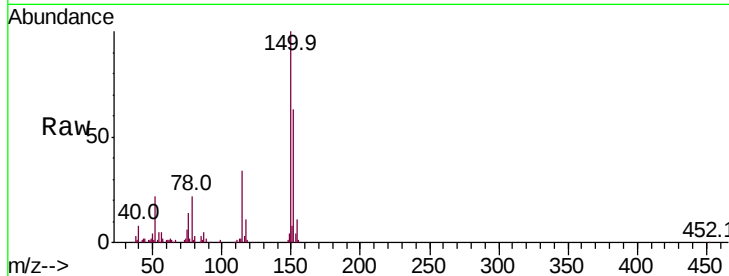


#1

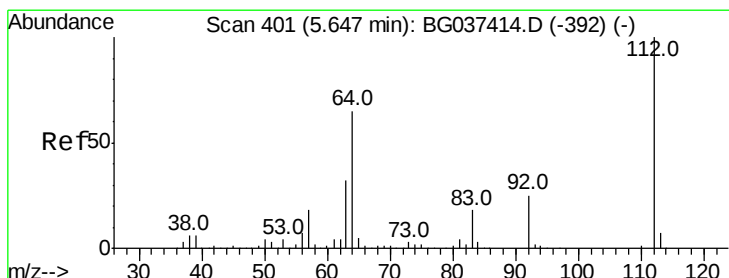
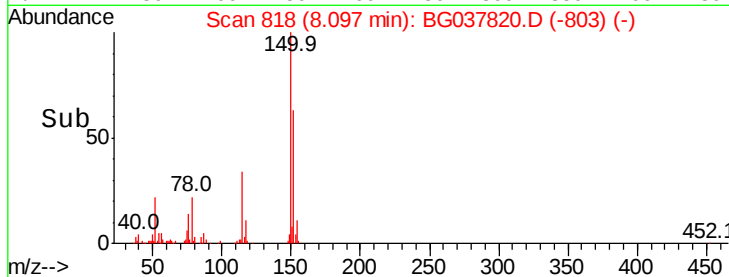
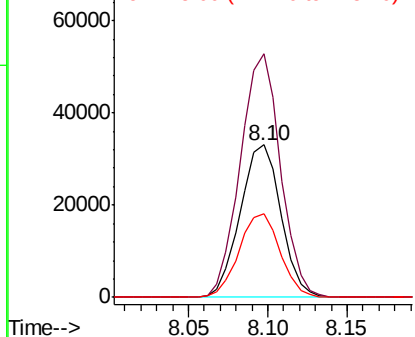
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037820.D
Acq: 6 Nov 2018 2:14

Instrument :
BNA_G
ClientSampleId :
PB114415BL

Tot Ion:152 Resp: 58960
Ion Ratio Lower Upper
152 100
150 159.6 126.0 189.0
115 54.6 45.5 68.3



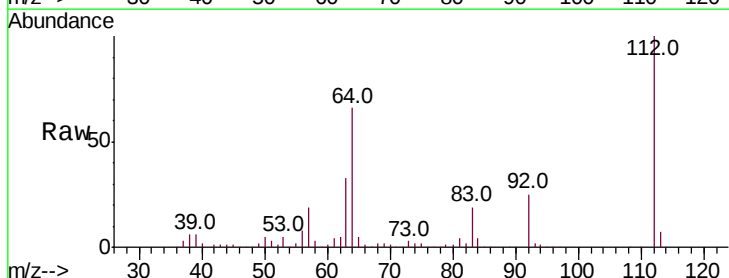
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



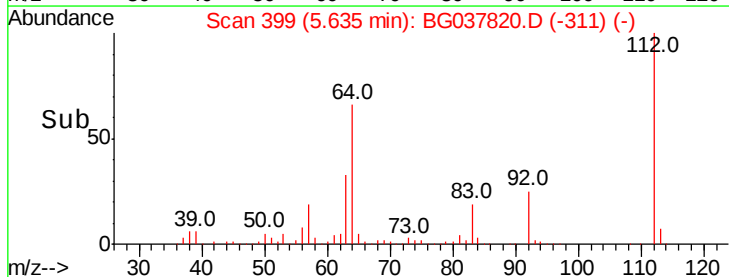
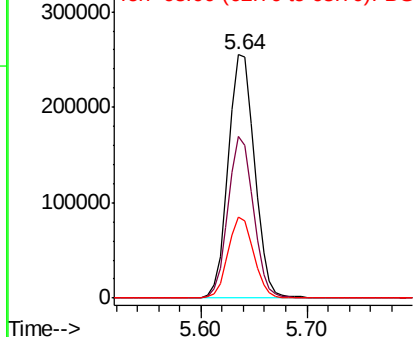
#5

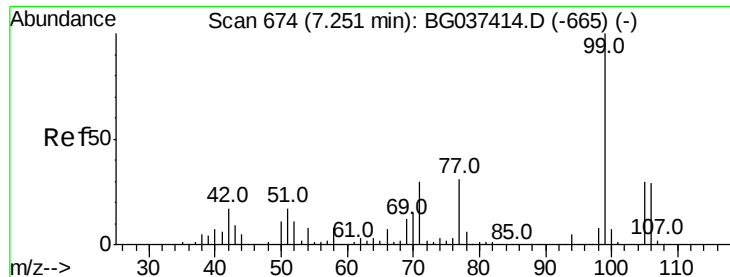
2-Fluorophenol
Concen: 124.614 ng
RT: 5.64 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037820.D
Acq: 6 Nov 2018 2:14

Tgt Ion:112 Resp: 439466
Ion Ratio Lower Upper
112 100
64 66.2 53.1 79.7
63 33.4 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: 118.611 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037820.D

Acq: 6 Nov 2018 2:14

Instrument :

BNA_G

ClientSampleId :

PB114415BL

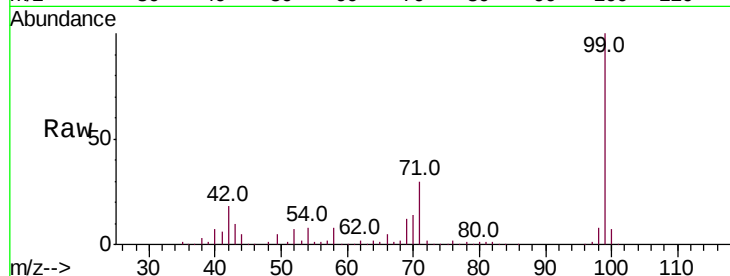
Tot Ion: 99 Resp: 632518

Ion Ratio Lower Upper

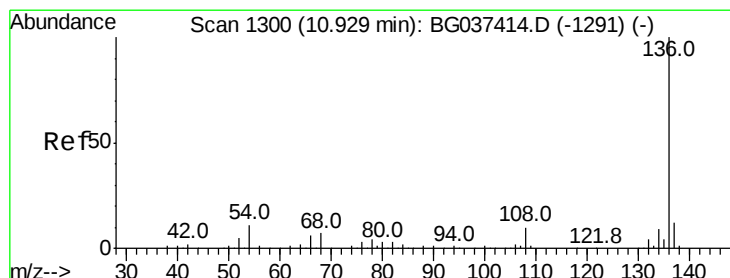
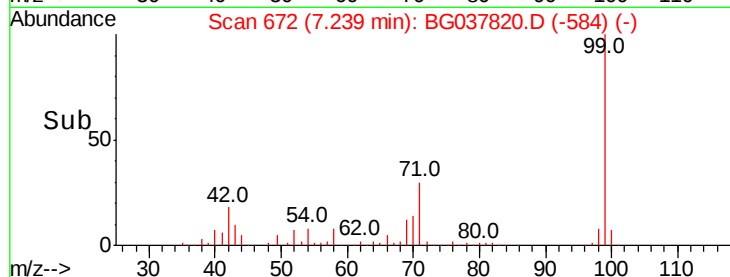
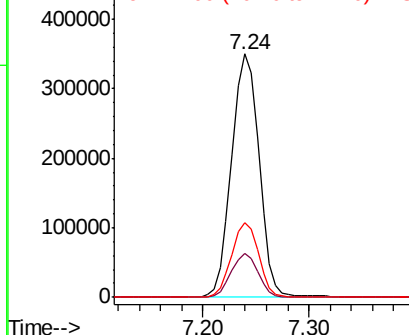
99 100

42 18.2 15.0 22.4

71 30.5 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: 10.92 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG037820.D

Acq: 6 Nov 2018 2:14

Tgt Ion: 136 Resp: 265983

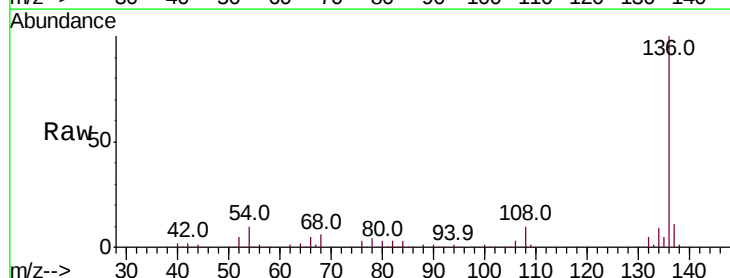
Ion Ratio Lower Upper

136 100

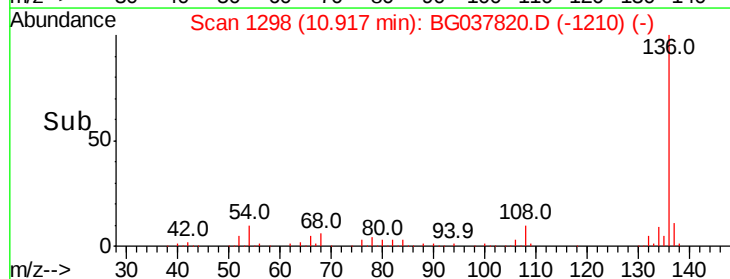
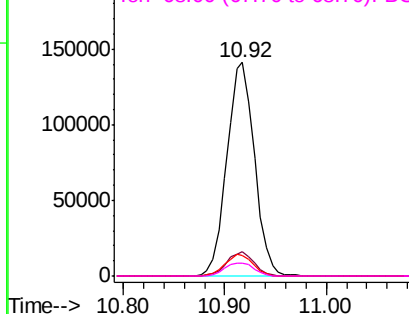
137 11.4 9.6 14.4

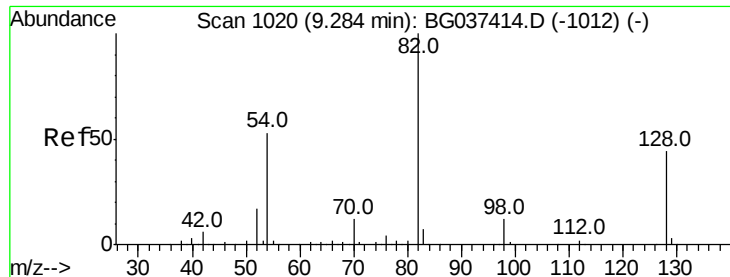
54 9.6 7.9 11.9

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

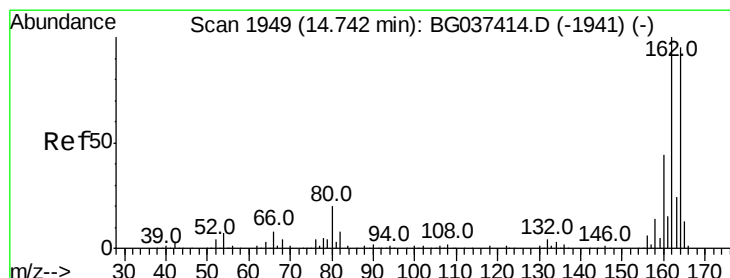
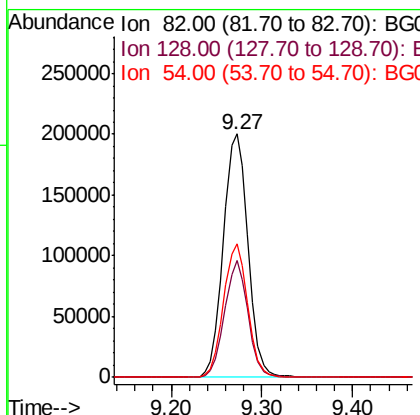
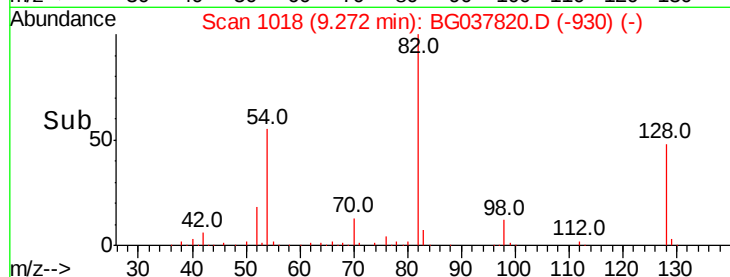
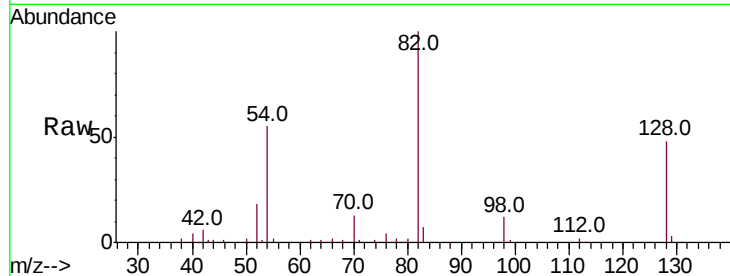




#23
 Nitrobenzene-d5
 Concen: 79.600 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG037820.D
 Acq: 6 Nov 2018 2:14

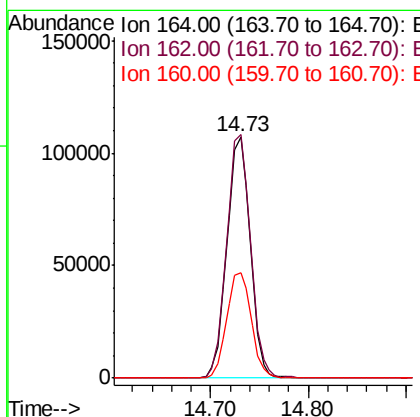
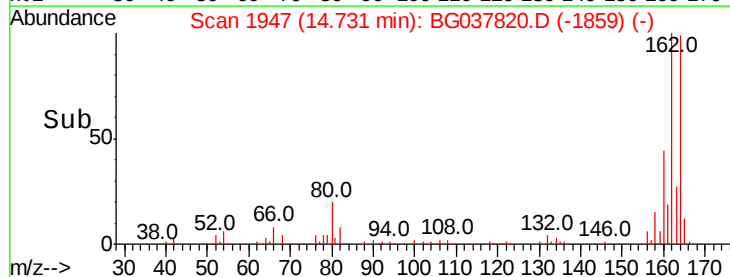
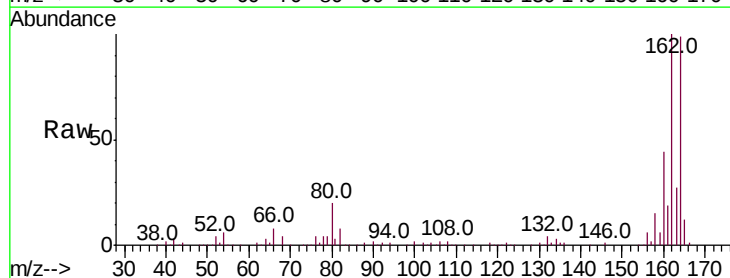
Instrument :
 BNA_G
 ClientSampleId :
 PB114415BL

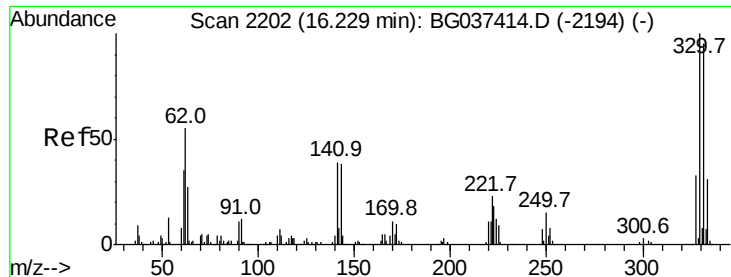
Tot Ion	82	Resp	377949
Ion Ratio	100		
Lower	34.6		
Upper	51.8		
54	54.9	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG037820.D
 Acq: 6 Nov 2018 2:14

Tgt Ion	164	Resp	178369
Ion Ratio	100		
Lower	81.3		
Upper	121.9		
162	100.7	36.3	54.5
160	43.9		





#42

2,4,6-Tribromophenol

Concen: 104.081 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037820.D

Acq: 6 Nov 2018 2:14

Instrument :

BNA_G

ClientSampleId :

PB114415BL

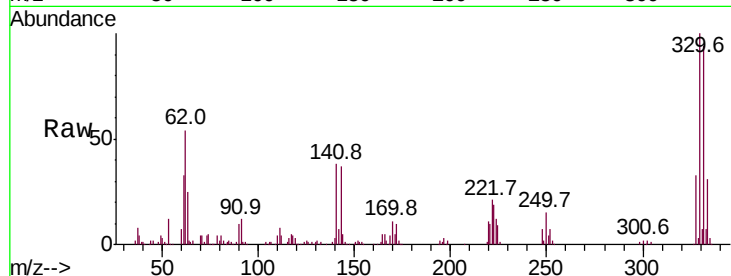
Tot Ion:330 Resp: 202485

Ion Ratio Lower Upper

330 100

332 95.9 78.4 117.6

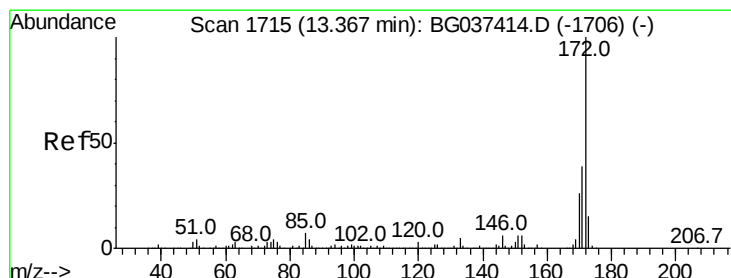
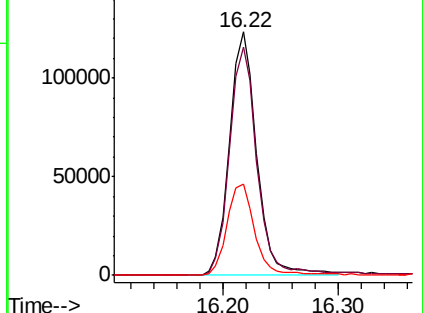
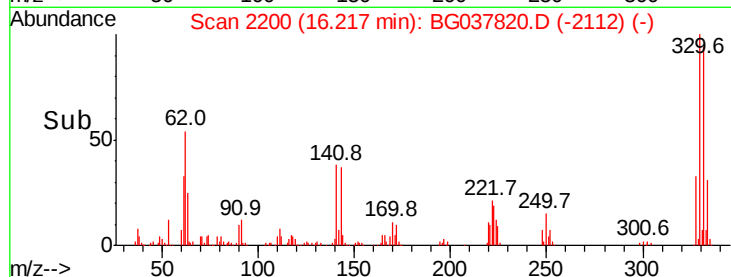
141 38.6 32.2 48.2



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: 81.203 ng

RT: 13.35 min Scan# 1712

Delta R.T. -0.02 min

Lab File: BG037820.D

Acq: 6 Nov 2018 2:14

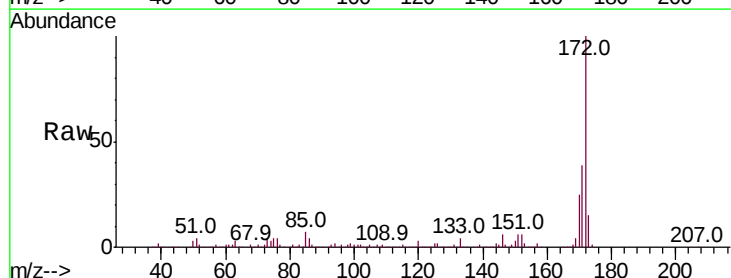
Tgt Ion:172 Resp: 960521

Ion Ratio Lower Upper

172 100

171 38.5 31.0 46.4

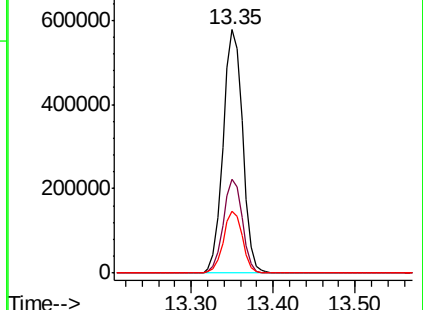
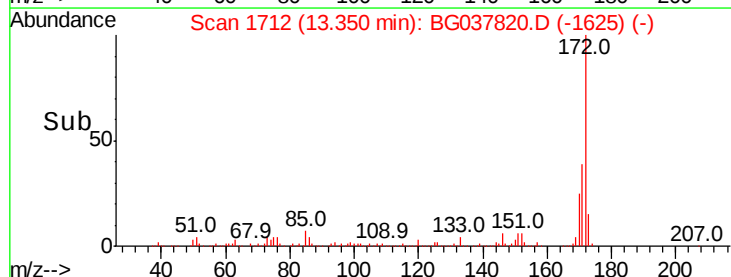
170 25.4 20.2 30.2

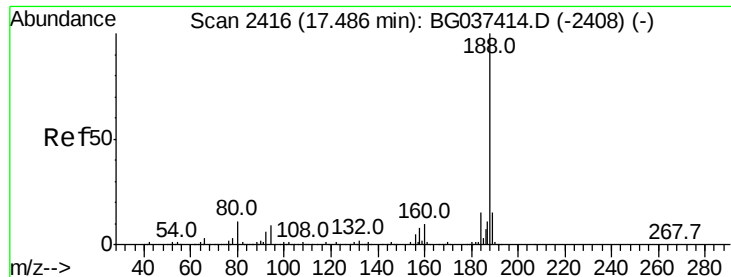


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

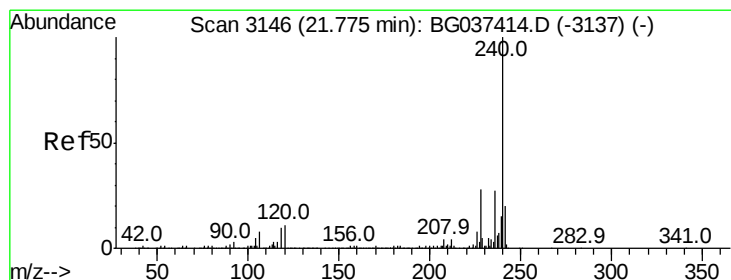
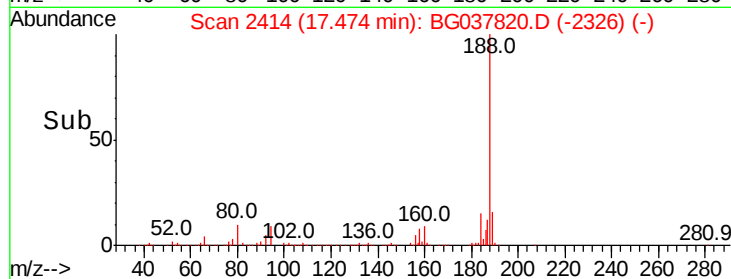
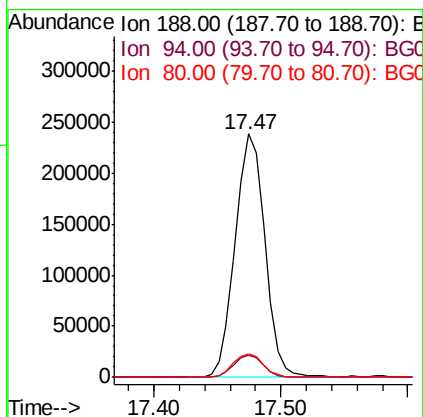
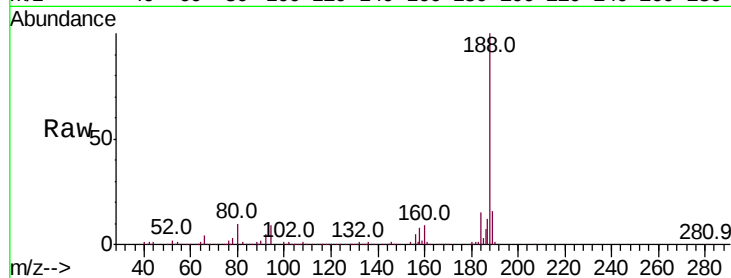




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037820.D
Acq: 6 Nov 2018 2:14

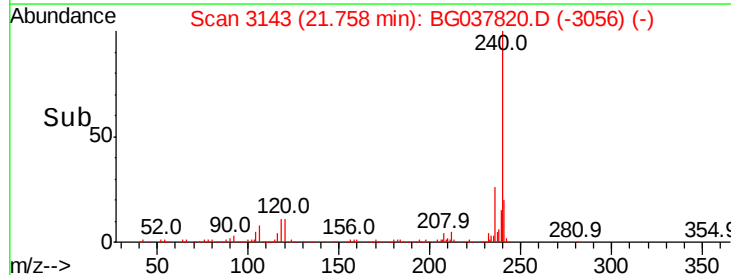
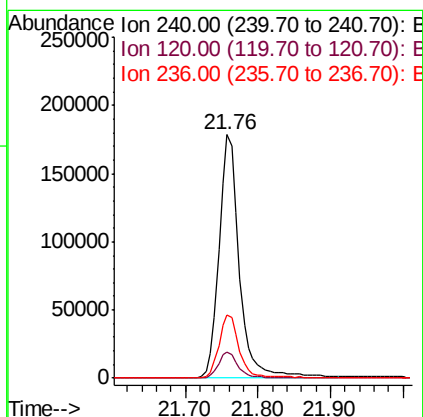
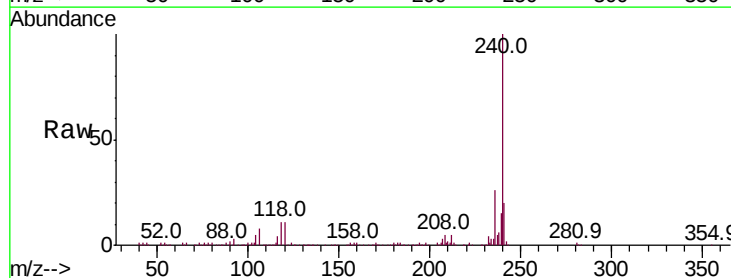
Instrument :
BNA_G
ClientSampleId :
PB114415BL

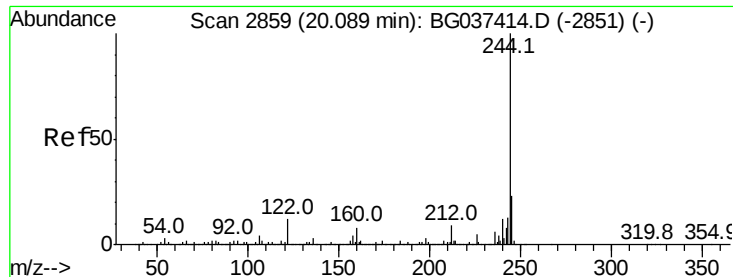
Tot Ion:188 Resp: 388131
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 9.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037820.D
Acq: 6 Nov 2018 2:14

Tgt Ion:240 Resp: 350076
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 25.7 21.4 32.0





#79

Terphenyl-d14

Concen: 82.223 ng

RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037820.D

Acq: 6 Nov 2018 2:14

Instrument :

BNA_G

ClientSampleId :

PB114415BL

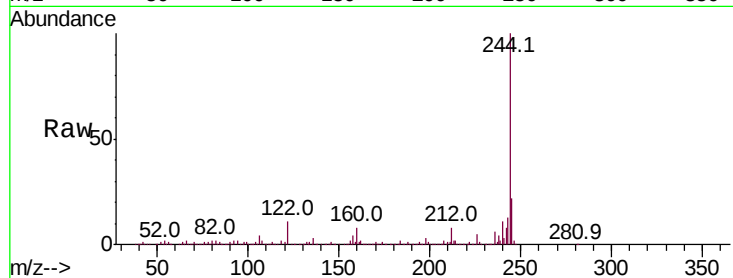
Tot Ion:244 Resp: 1347091

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	10.8	9.0	13.4

244 100

212 8.2 6.5 9.7

122 10.8 9.0 13.4

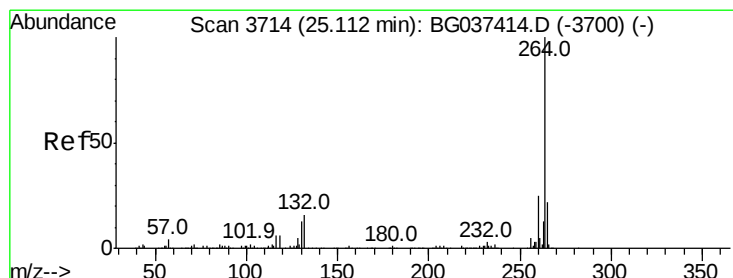
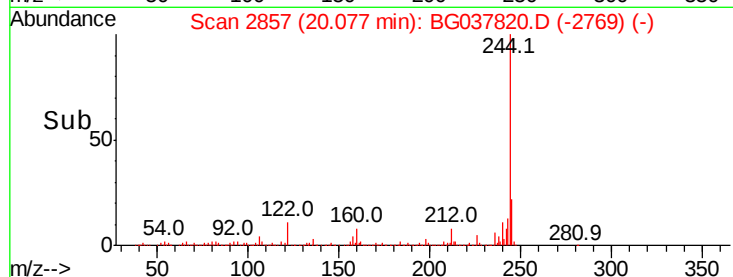
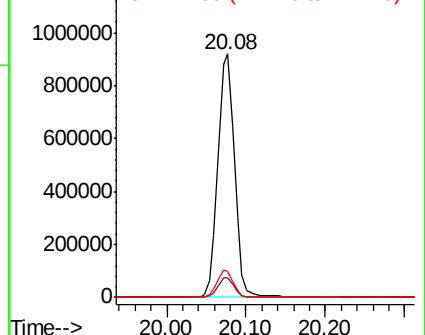


Abundance

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: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG037820.D

Acq: 6 Nov 2018 2:14

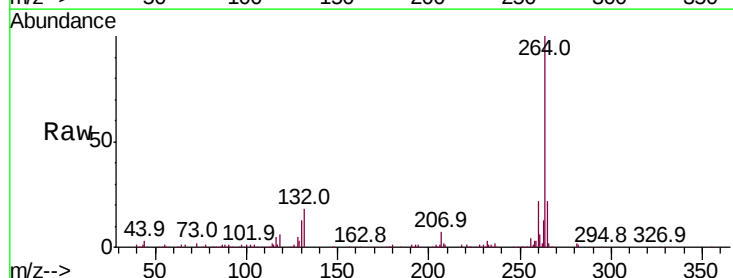
Tgt Ion:264 Resp: 299674

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.2	27.4
265	22.0	17.9	26.9

264 100

260 22.2 18.2 27.4

265 22.0 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

