

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110718\
 Data File : BG037869.D
 Acq On : 7 Nov 2018 17:25
 Operator : JU/SJ
 Sample : J5822-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-01

Quant Time: Nov 08 15:13:55 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	8.09	152	66345	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	292079	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	192161	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	423179	20.00	ng	0.00
76) Chrysene-d12	21.75	240	379694	20.00	ng	-0.02
87) Perylene-d12	25.09	264	337719	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	205303	51.74	ng	0.00
7) Phenol-d6	7.24	99	186084	31.01	ng	-0.02
23) Nitrobenzene-d5	9.27	82	428350	82.15	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	241491	115.22	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	1028013	80.67	ng	-0.02
79) Terphenyl-d14	20.07	244	1437366	80.89	ng	-0.02

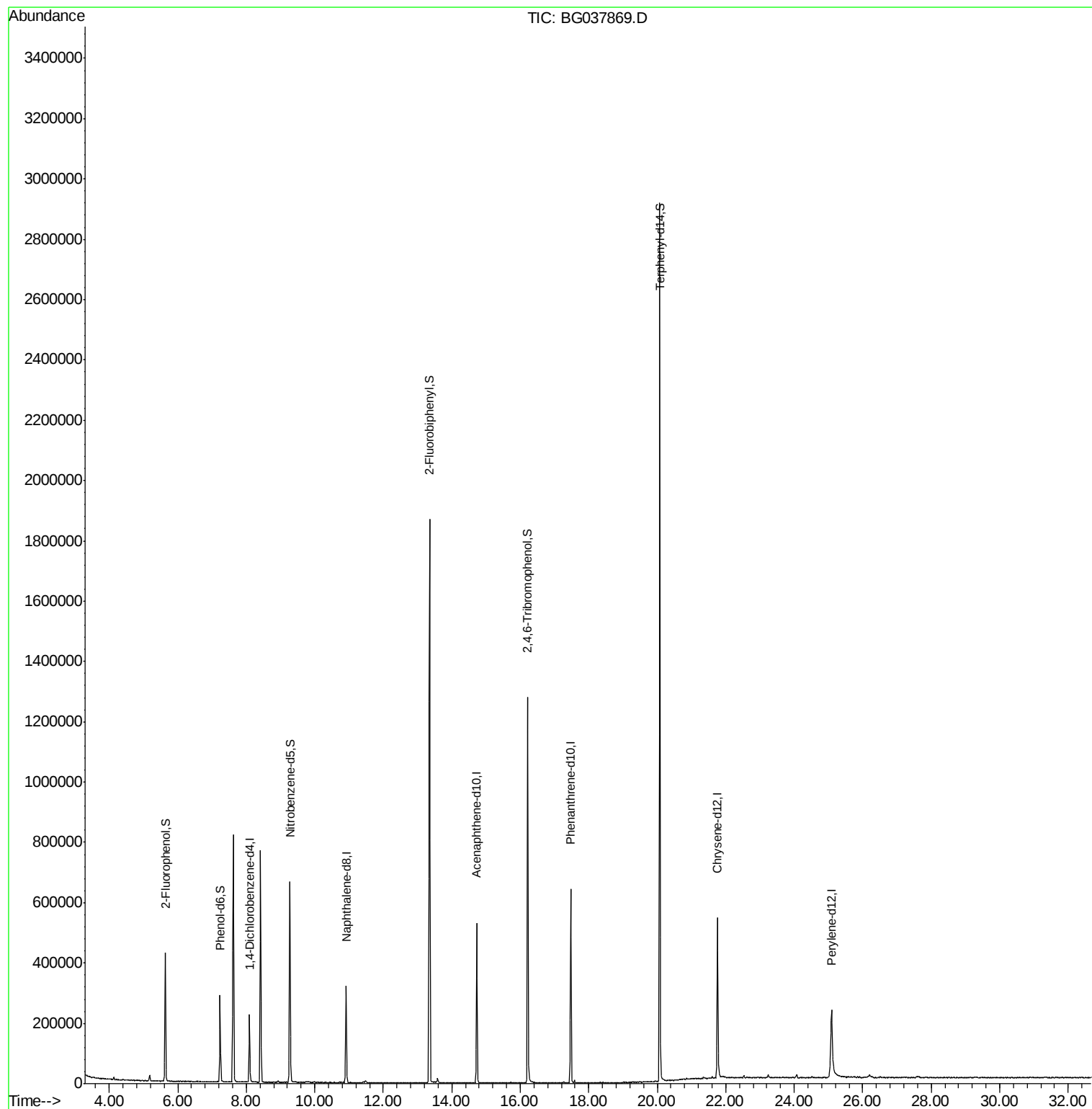
Target Compounds Qvalue

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

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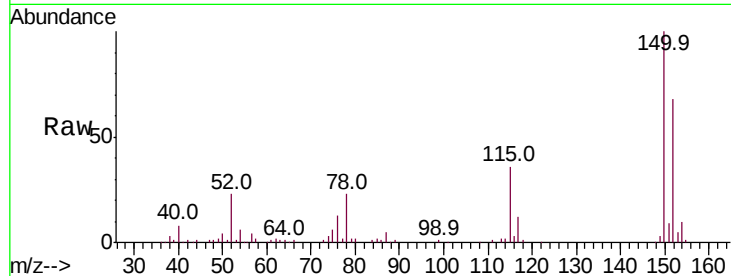


#1

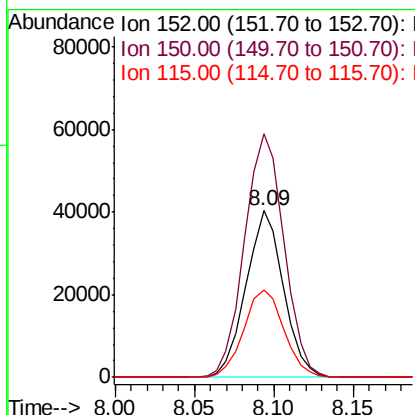
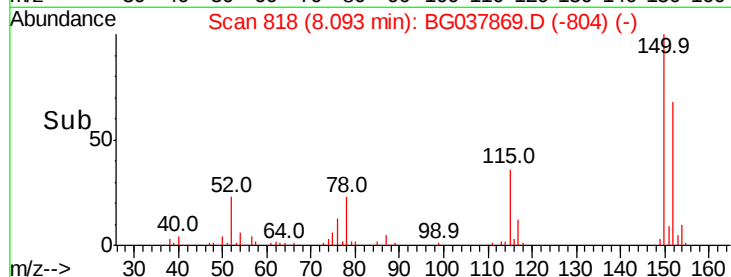
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037869.D
Acq: 7 Nov 2018 17:25

Instrument :
BNA_G
ClientSampleId :
FB-01

Tot Ion:152 Resp: 66345
Ion Ratio Lower Upper
152 100
150 146.5 126.0 189.0
115 52.8 45.5 68.3



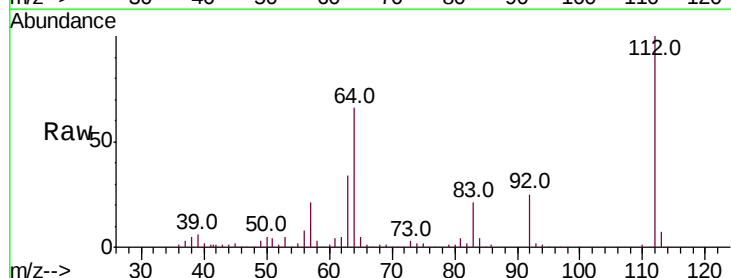
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



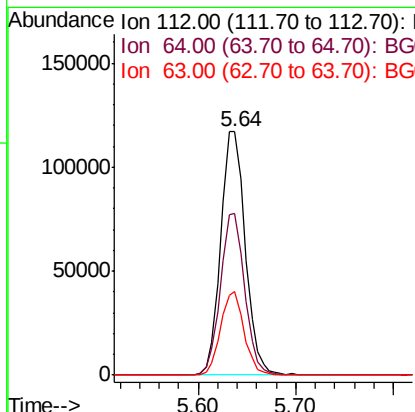
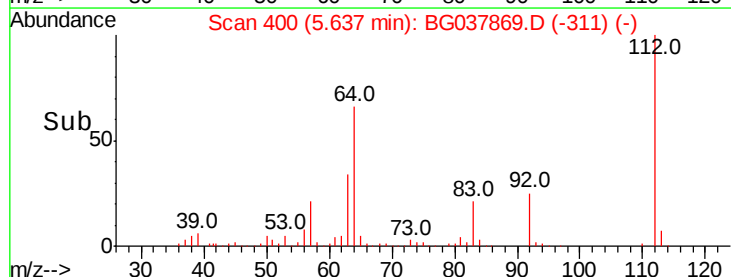
#5

2-Fluorophenol
Concen: 51.735 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037869.D
Acq: 7 Nov 2018 17:25

Tgt Ion:112 Resp: 205303
Ion Ratio Lower Upper
112 100
64 66.2 53.1 79.7
63 34.1 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: 31.011 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG037869.D

Acq: 7 Nov 2018 17:25

Instrument :

BNA_G

ClientSampled :

FB-01

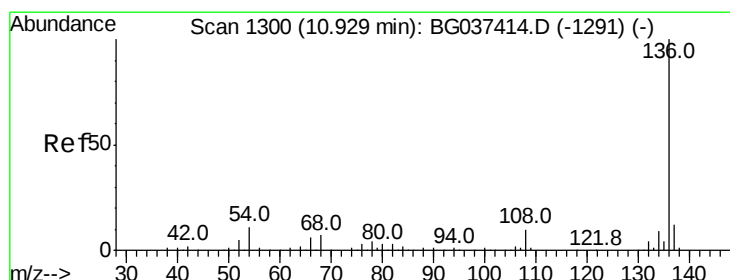
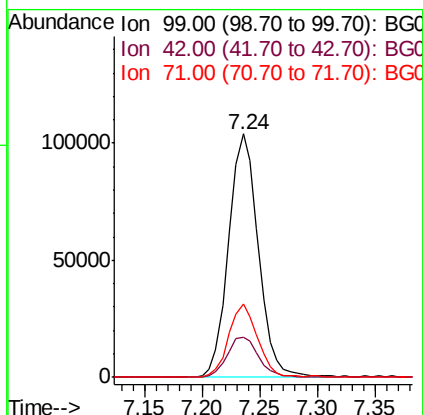
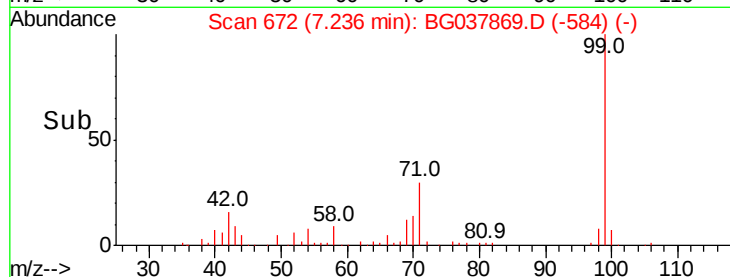
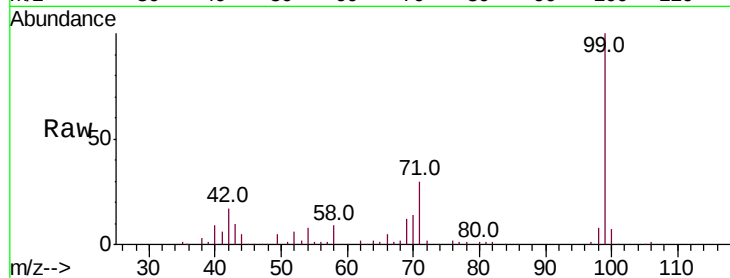
Tot Ion: 99 Resp: 186084

Ion Ratio Lower Upper

99 100

42 16.6 15.0 22.4

71 30.0 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BG037869.D

Acq: 7 Nov 2018 17:25

Tgt Ion: 136 Resp: 292079

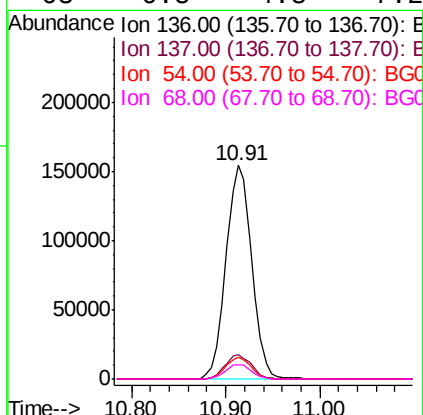
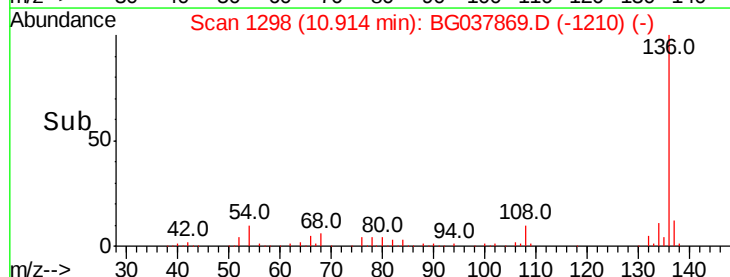
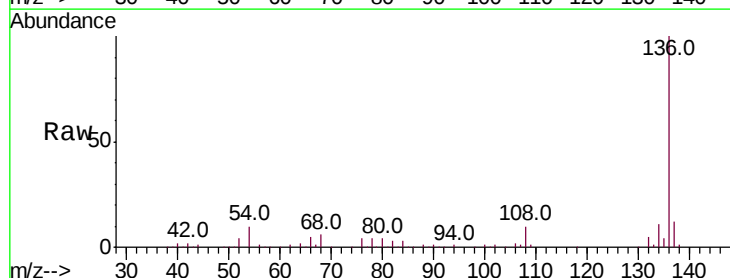
Ion Ratio Lower Upper

136 100

137 11.5 9.6 14.4

54 10.1 7.9 11.9

68 6.5 4.8 7.2

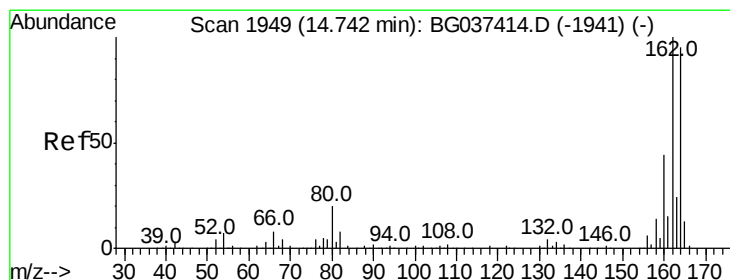
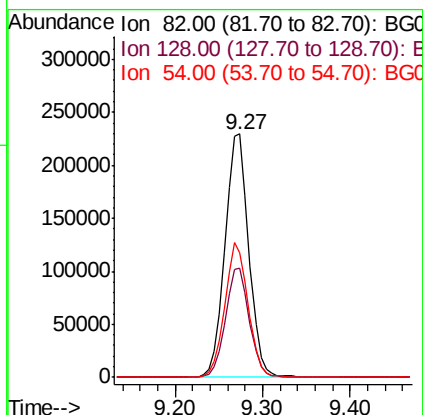
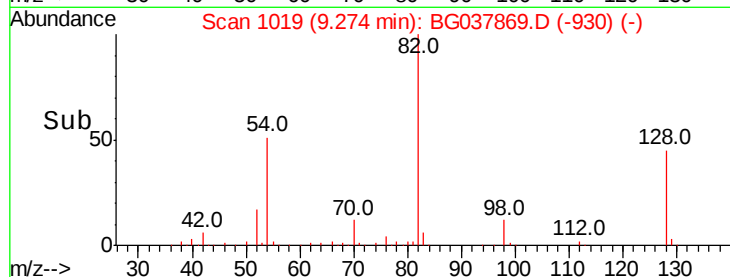
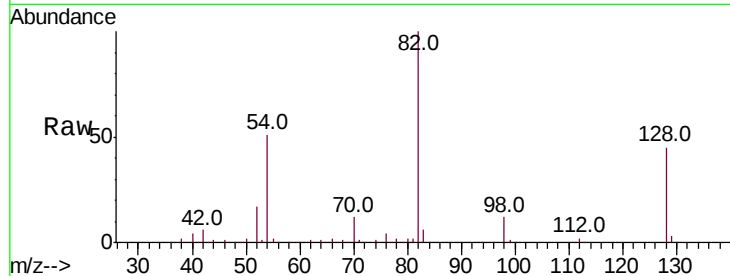




#23
 Nitrobenzene-d5
 Concen: 82.155 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037869.D
 Acq: 7 Nov 2018 17:25

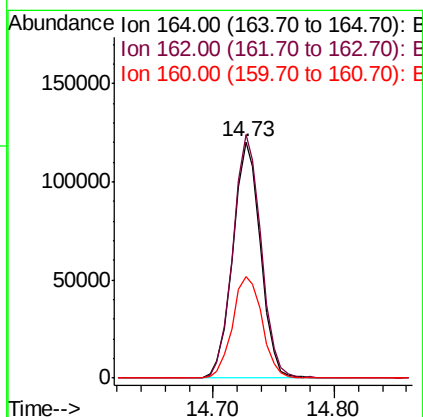
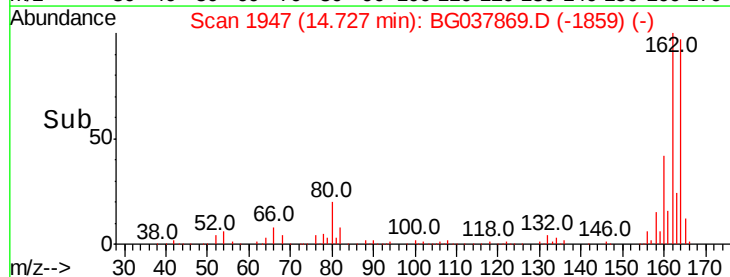
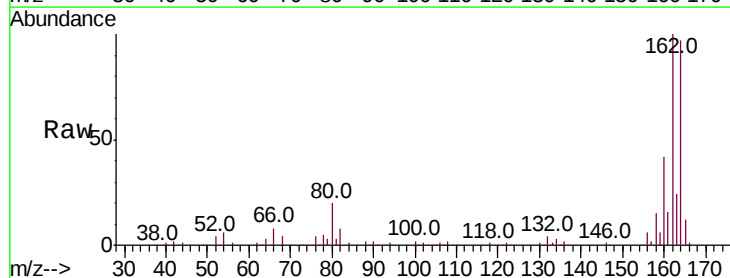
Instrument :
 BNA_G
 ClientSampleID :
 FB-01

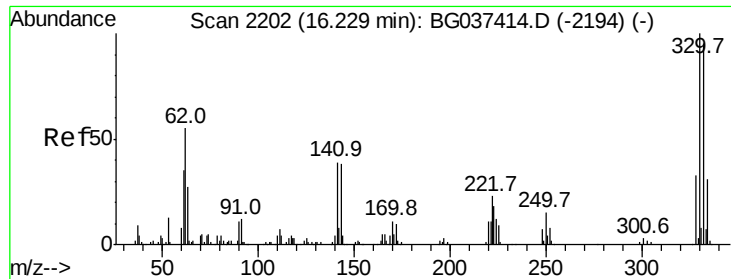
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.6	51.8
54	51.4	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.02 min
 Lab File: BG037869.D
 Acq: 7 Nov 2018 17:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.3	121.9
160	43.0	36.3	54.5

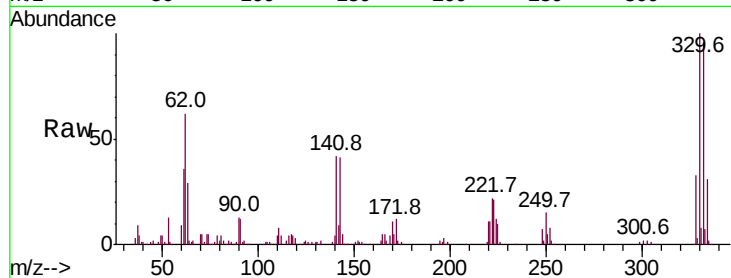




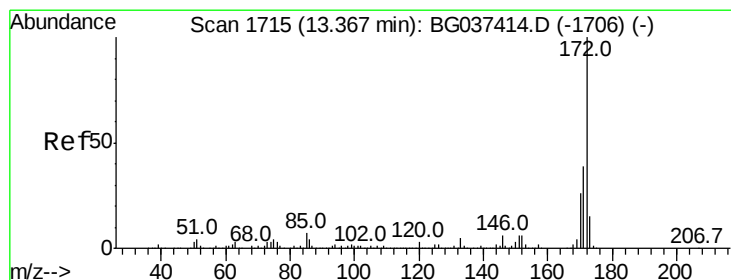
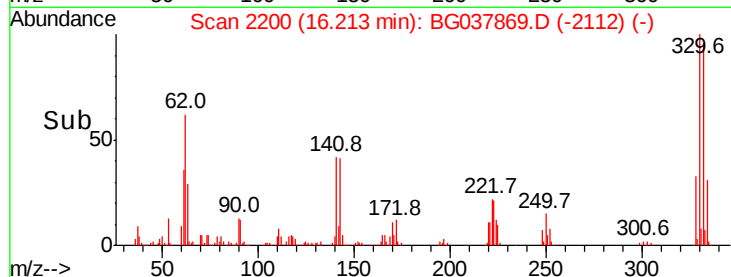
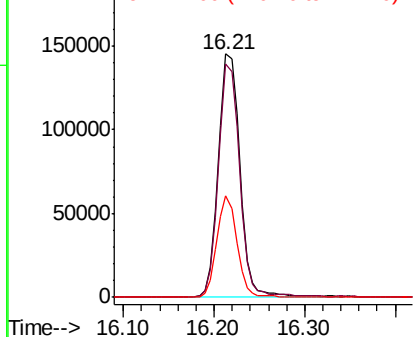
#42
 2,4,6-Tribromophenol
 Concen: 115.222 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.02 min
 Lab File: BG037869.D
 Acq: 7 Nov 2018 17:25

Instrument :
 BNA_G
 ClientSampleId :
 FB-01

Tot Ion:330 Resp: 241491
 Ion Ratio Lower Upper
 330 100
 332 94.4 78.4 117.6
 141 38.9 32.2 48.2

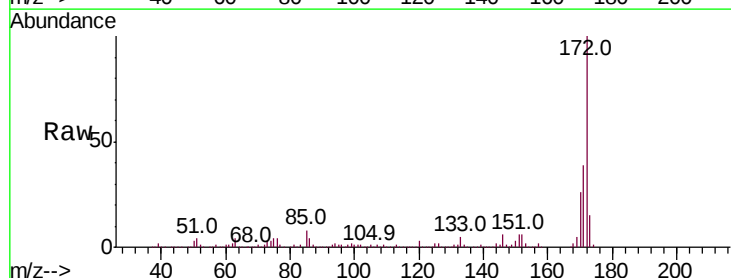


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

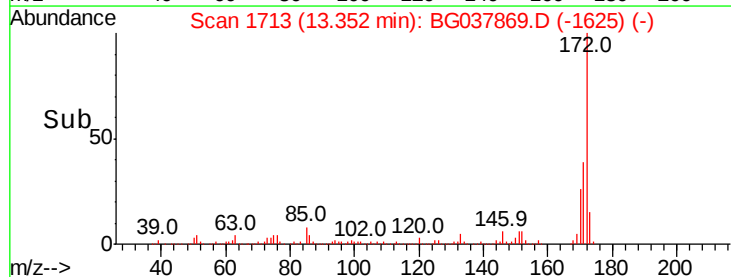
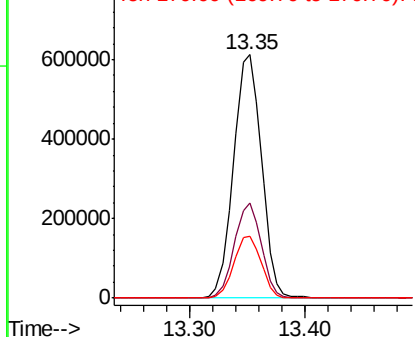


#45
 2-Fluorobiphenyl
 Concen: 80.671 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.02 min
 Lab File: BG037869.D
 Acq: 7 Nov 2018 17:25

Tgt Ion:172 Resp: 1028013
 Ion Ratio Lower Upper
 172 100
 171 39.3 31.0 46.4
 170 25.6 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: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037869.D

Acq: 7 Nov 2018 17:25

Instrument :

BNA_G

ClientSampleId :

FB-01

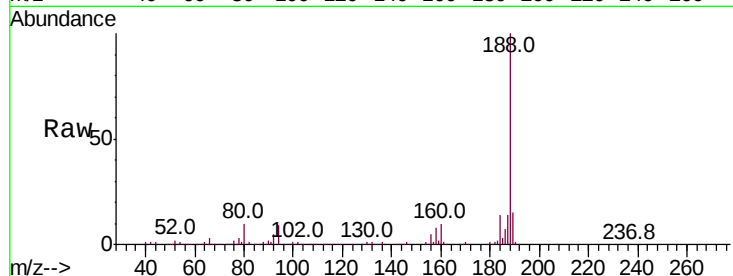
Tot Ion:188 Resp: 423179

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

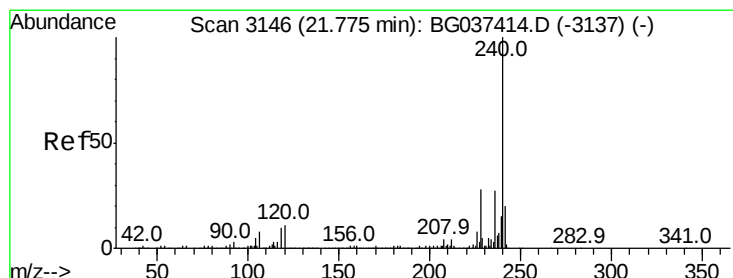
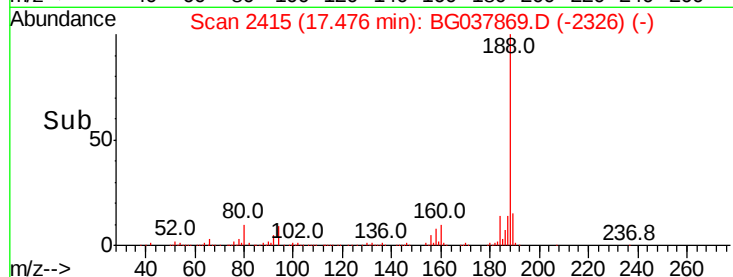
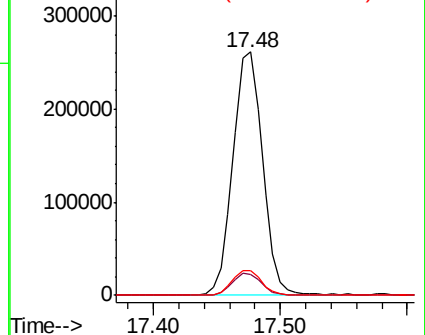
80 10.1 7.7 11.5



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: 21.75 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037869.D

Acq: 7 Nov 2018 17:25

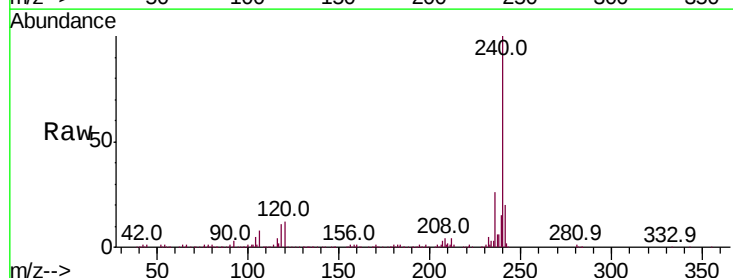
Tgt Ion:240 Resp: 379694

Ion Ratio Lower Upper

240 100

120 11.8 8.1 12.1

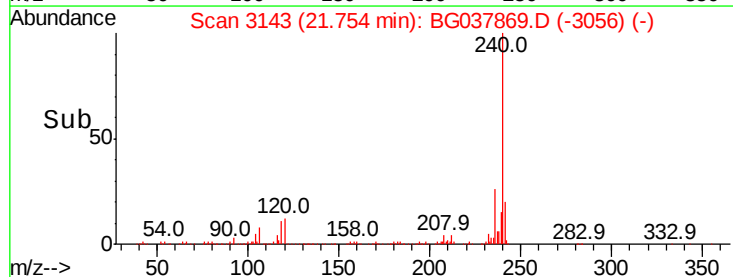
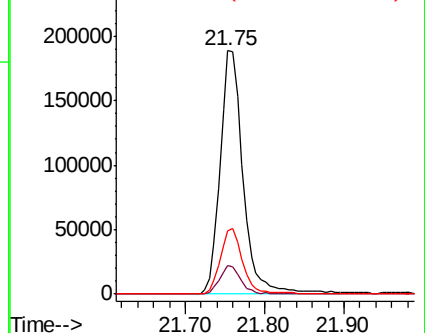
236 26.2 21.4 32.0



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: 80.889 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037869.D

Acq: 7 Nov 2018 17:25

Instrument :

BNA_G

ClientSampleId :

FB-01

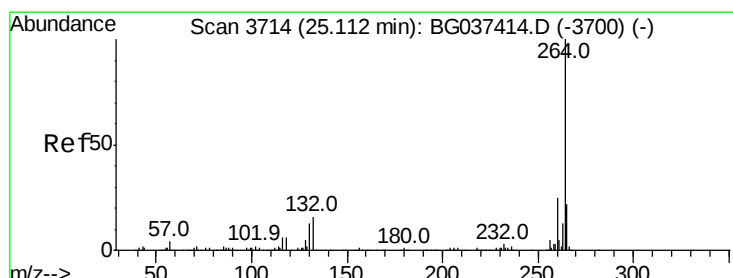
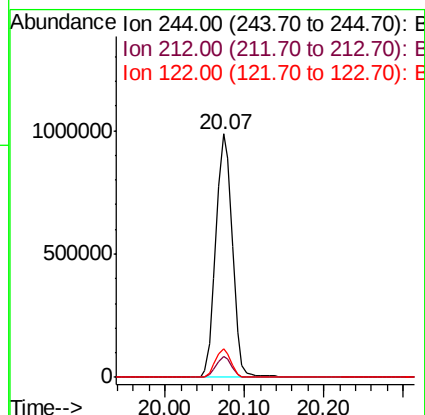
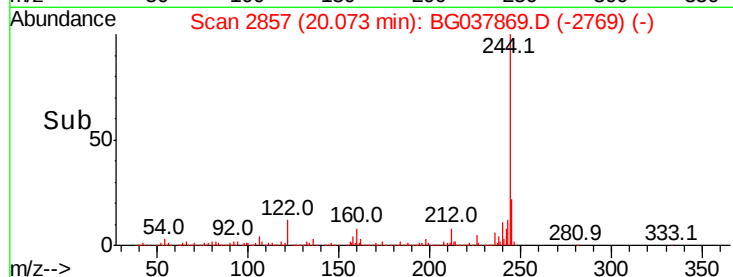
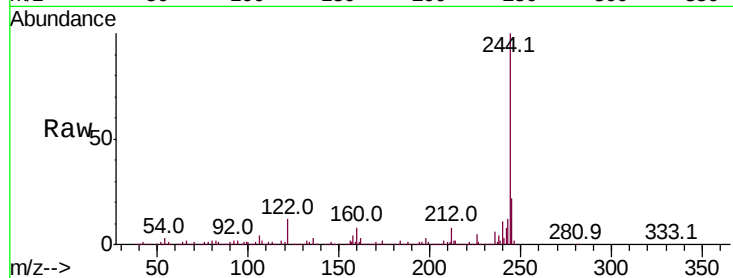
Tot Ion:244 Resp: 1437366

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

122 11.6 9.0 13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG037869.D

Acq: 7 Nov 2018 17:25

Tgt Ion:264 Resp: 337719

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

265 21.8 17.9 26.9

