

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037808.D
 Acq On : 5 Nov 2018 18:26
 Operator : JU/SJ
 Sample : J5769-22
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-10-31-18

Quant Time: Nov 06 04:34:36 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	57546	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	262133	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	172710	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	379464	20.00	ng	0.00
76) Chrysene-d12	21.76	240	339424	20.00	ng	-0.01
87) Perylene-d12	25.09	264	281957	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	212125	61.63	ng	0.00
7) Phenol-d6	7.24	99	193906	37.26	ng	-0.01
23) Nitrobenzene-d5	9.27	82	404752	86.50	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	226923	120.46	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	1009494	88.14	ng	-0.01
79) Terphenyl-d14	20.07	244	1410473	88.79	ng	-0.01

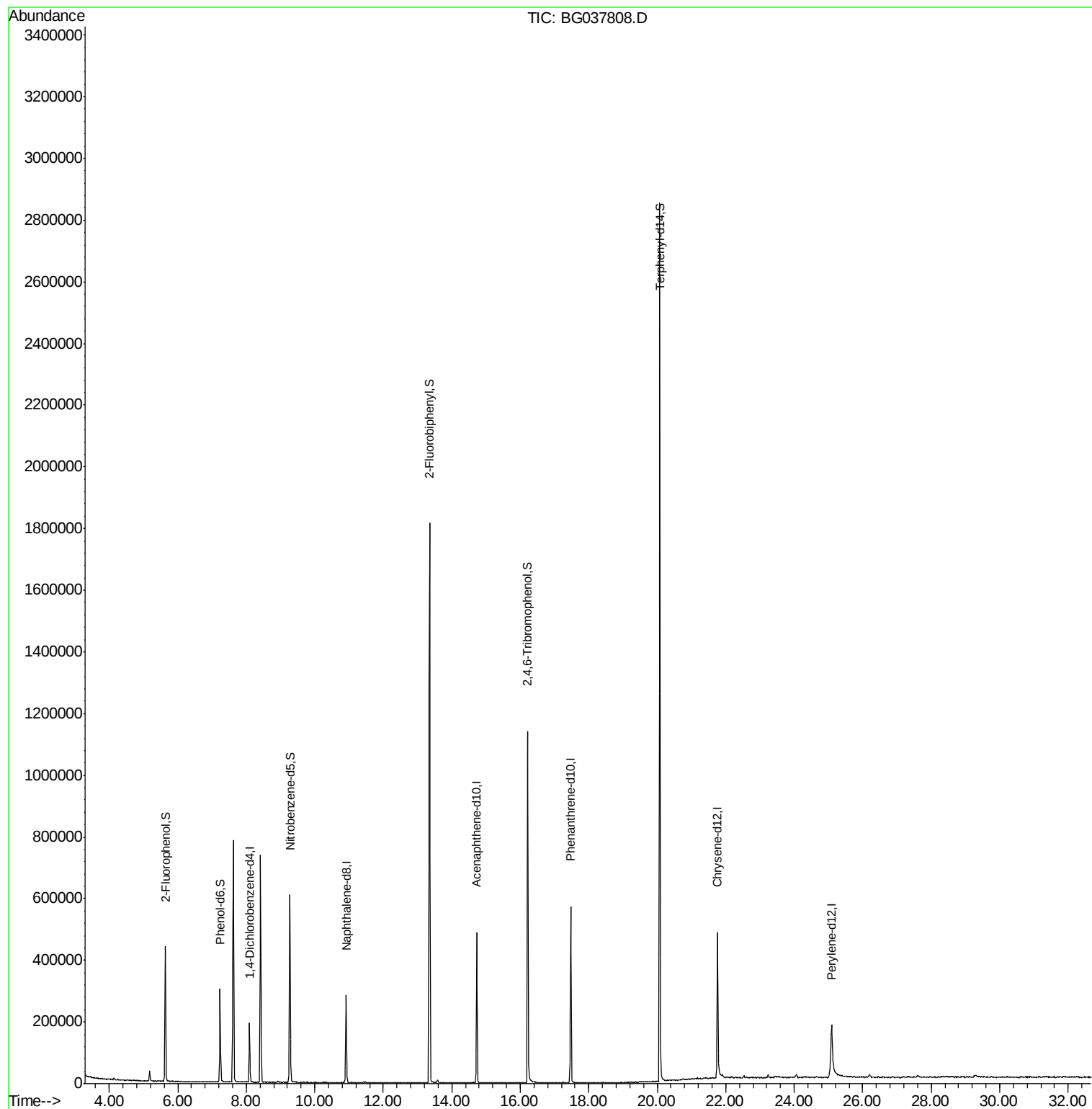
Target Compounds Qvalue

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

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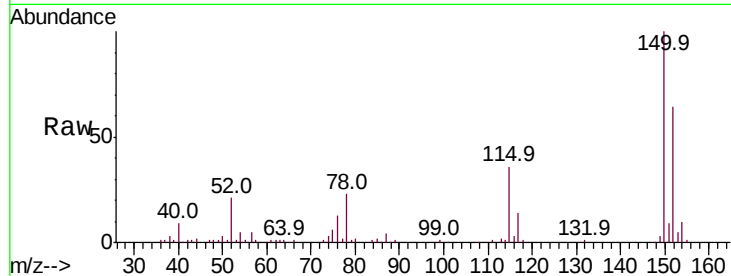


#1

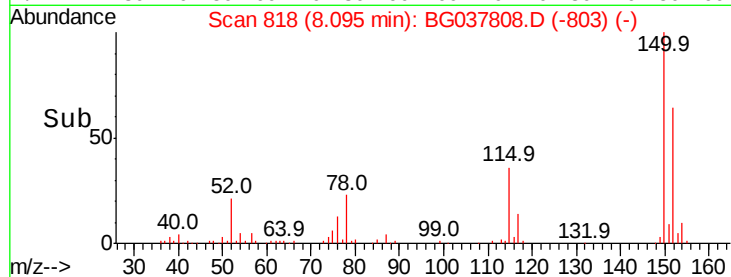
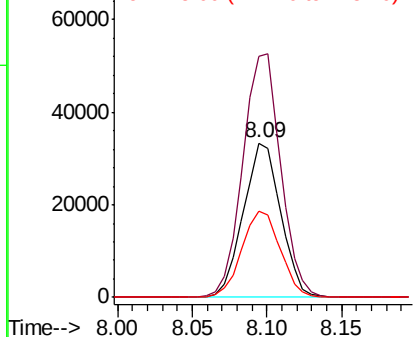
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037808.D
Acq: 5 Nov 2018 18:26

Instrument :
BNA_G
ClientSampleId :
FB-10-31-18

Tot Ion:152 Resp: 57546
Ion Ratio Lower Upper
152 100
150 156.3 126.0 189.0
115 55.6 45.5 68.3



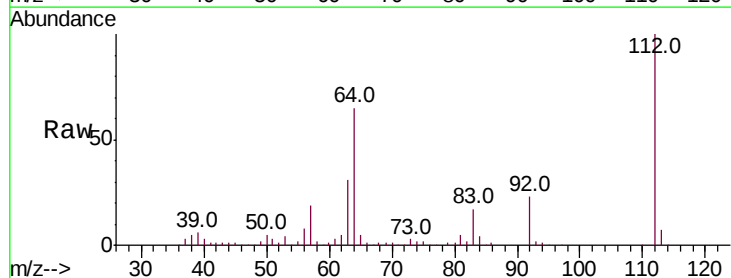
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



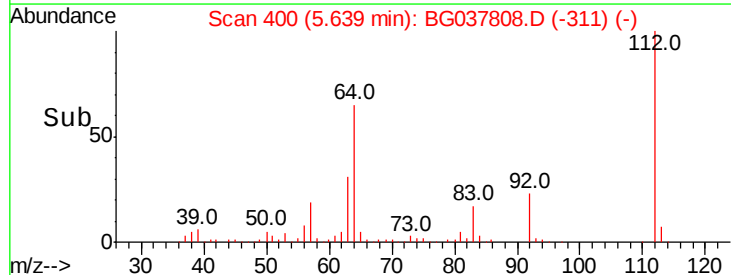
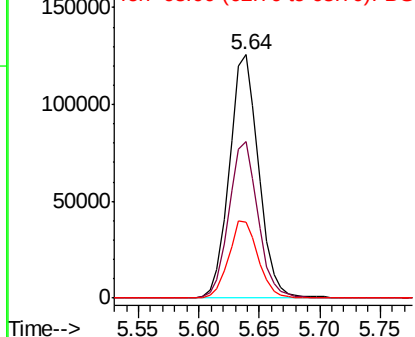
#5

2-Fluorophenol
Concen: 61.628 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037808.D
Acq: 5 Nov 2018 18:26

Tgt Ion:112 Resp: 212125
Ion Ratio Lower Upper
112 100
64 64.6 53.1 79.7
63 31.1 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: 37.255 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037808.D

Acq: 5 Nov 2018 18:26

Instrument :

BNA_G

ClientSampled :

FB-10-31-18

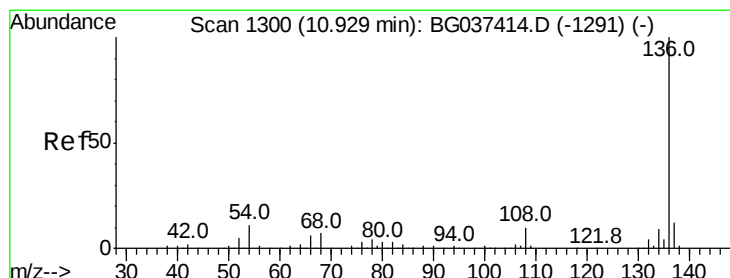
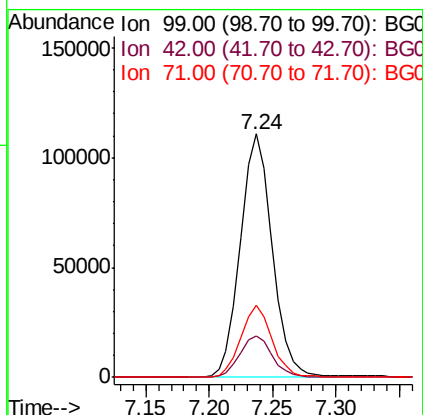
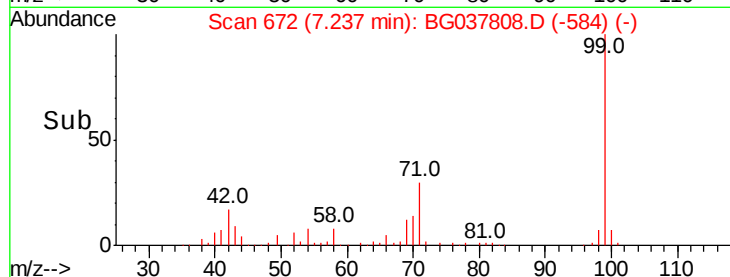
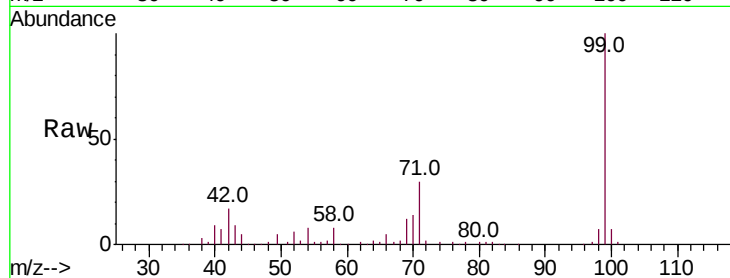
Tot Ion: 99 Resp: 193906

Ion Ratio Lower Upper

99 100

42 17.0 15.0 22.4

71 29.7 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG037808.D

Acq: 5 Nov 2018 18:26

Tgt Ion: 136 Resp: 262133

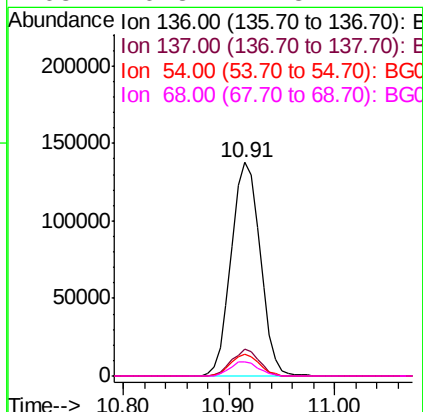
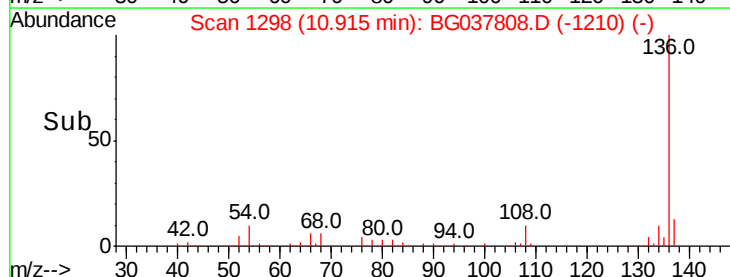
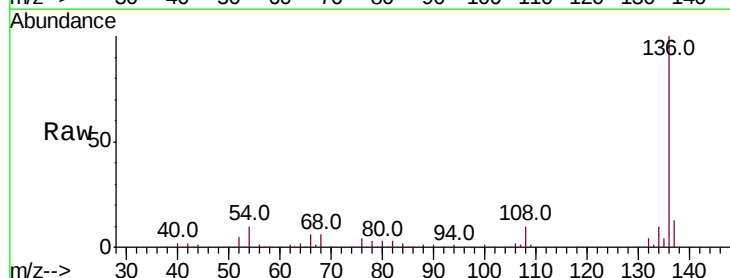
Ion Ratio Lower Upper

136 100

137 12.5 9.6 14.4

54 10.2 7.9 11.9

68 6.3 4.8 7.2

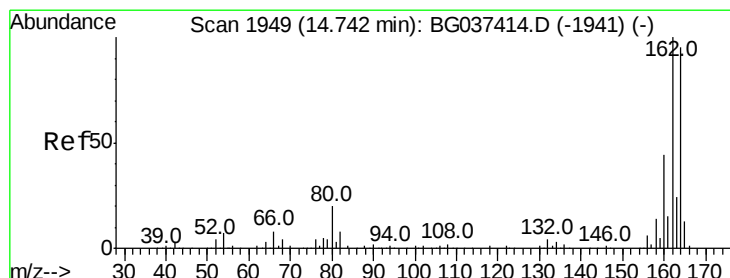
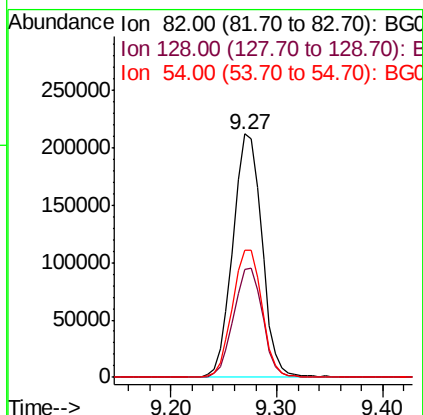
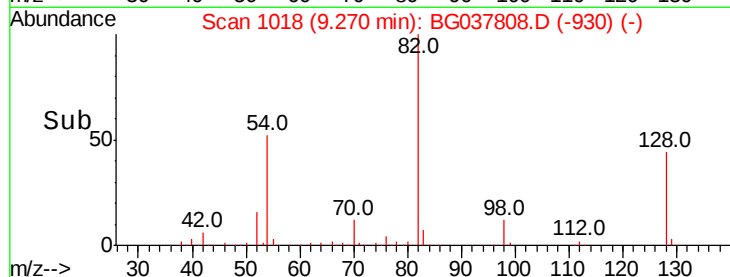
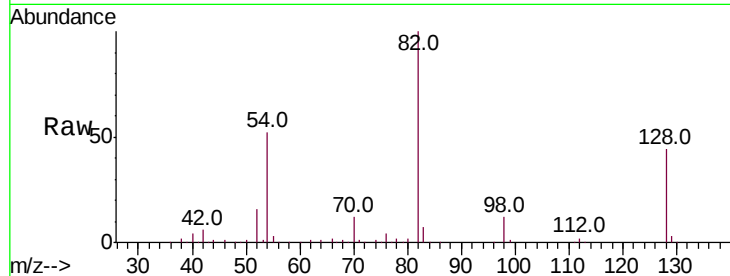




#23
Nitrobenzene-d5
Concen: 86.497 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037808.D
Acq: 5 Nov 2018 18:26

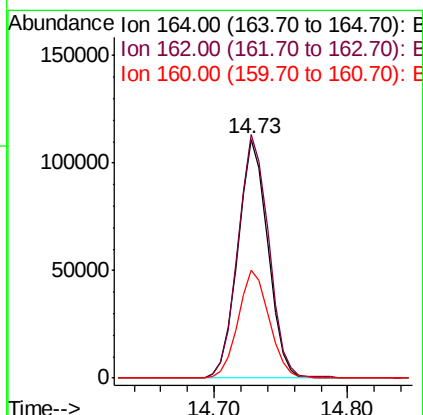
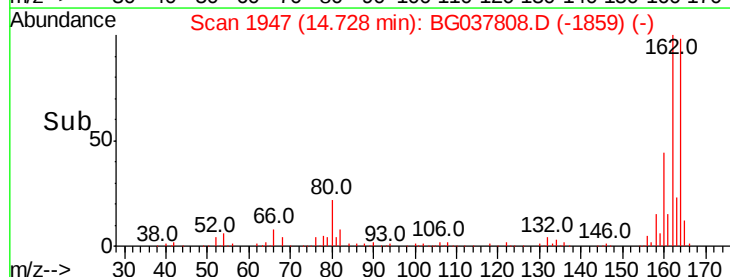
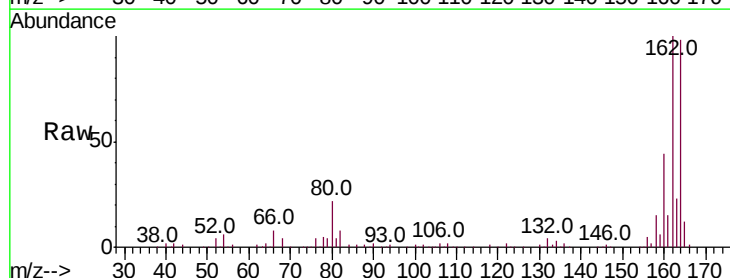
Instrument :
BNA_G
ClientSampleId :
FB-10-31-18

Tot Ion: 82 Resp: 404752
Ion Ratio Lower Upper
82 100
128 44.5 34.6 51.8
54 52.0 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: BG037808.D
Acq: 5 Nov 2018 18:26

Tgt Ion: 164 Resp: 172710
Ion Ratio Lower Upper
164 100
162 101.9 81.3 121.9
160 45.0 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 120.465 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037808.D

Acq: 5 Nov 2018 18:26

Instrument :

BNA_G

ClientSampleId :

FB-10-31-18

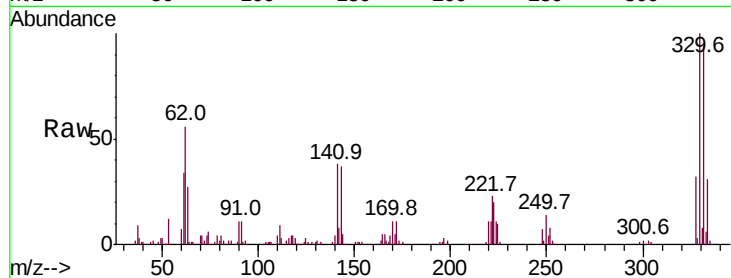
Tot Ion:330 Resp: 226923

Ion Ratio Lower Upper

330 100

332 94.9 78.4 117.6

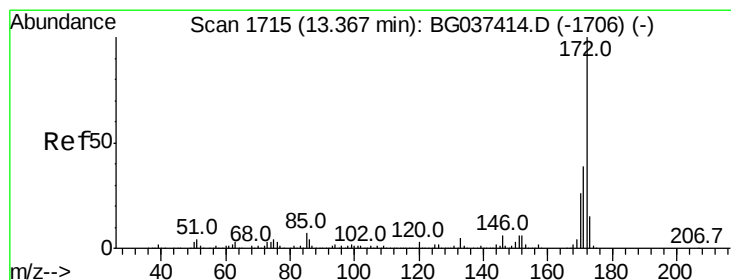
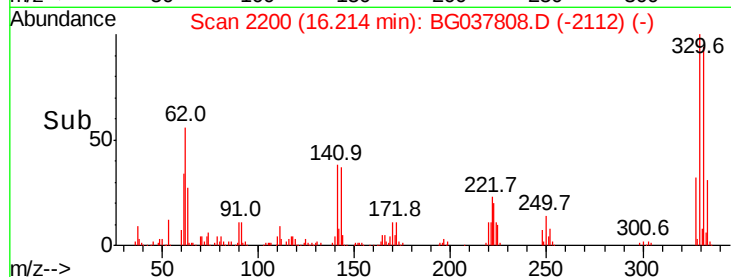
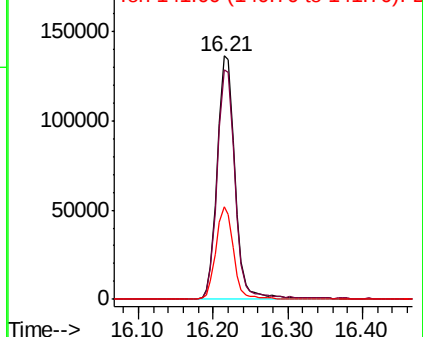
141 37.6 32.2 48.2



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: 88.140 ng

RT: 13.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BG037808.D

Acq: 5 Nov 2018 18:26

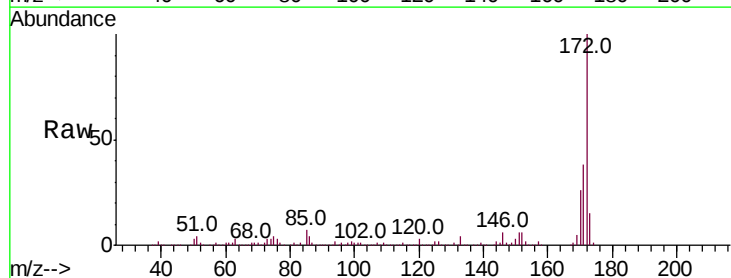
Tgt Ion:172 Resp: 1009494

Ion Ratio Lower Upper

172 100

171 38.4 31.0 46.4

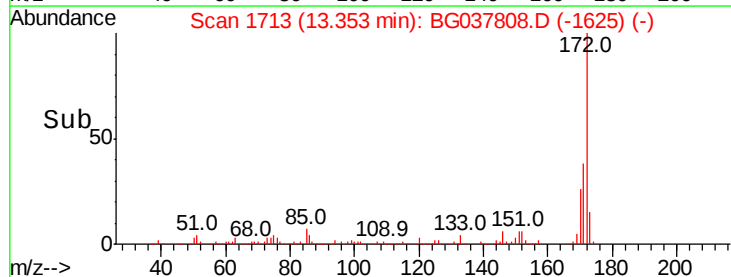
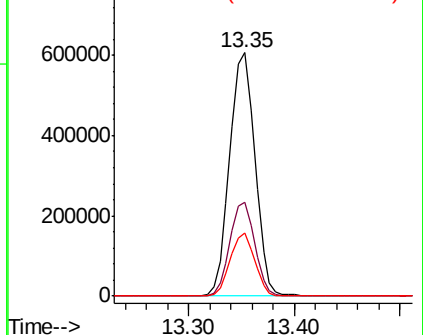
170 25.8 20.2 30.2

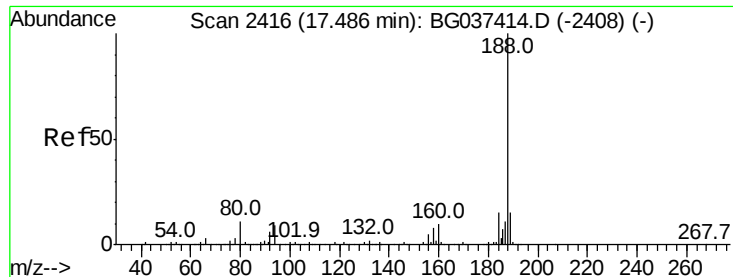


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

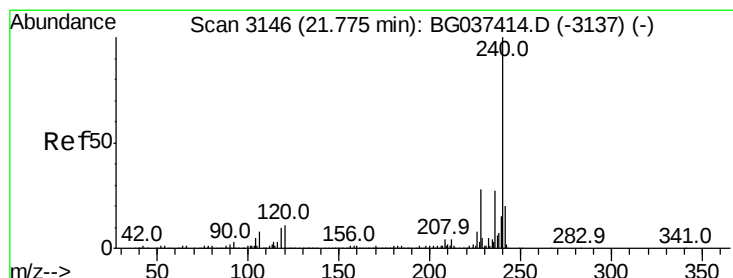
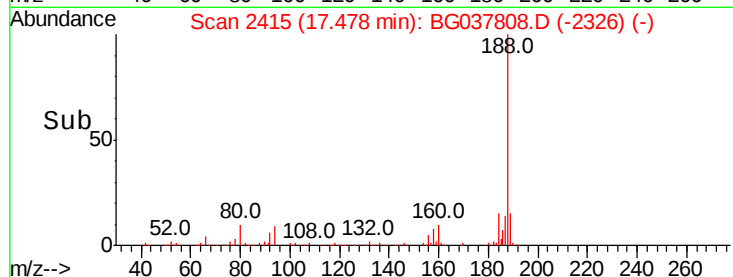
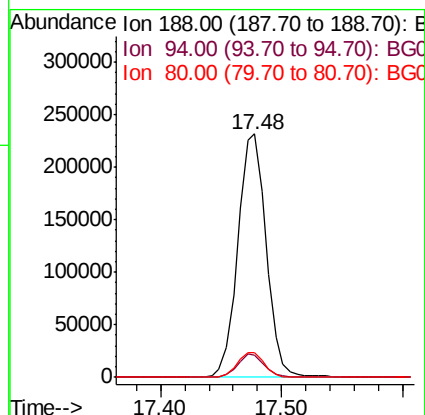
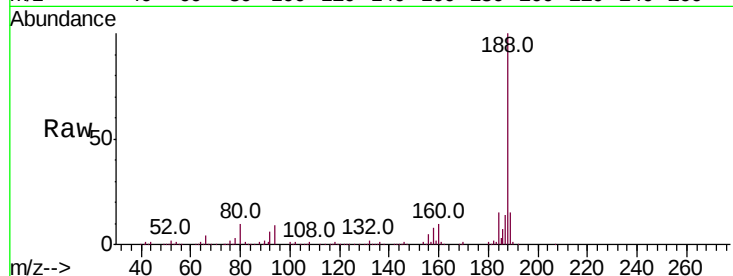




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037808.D
Acq: 5 Nov 2018 18:26

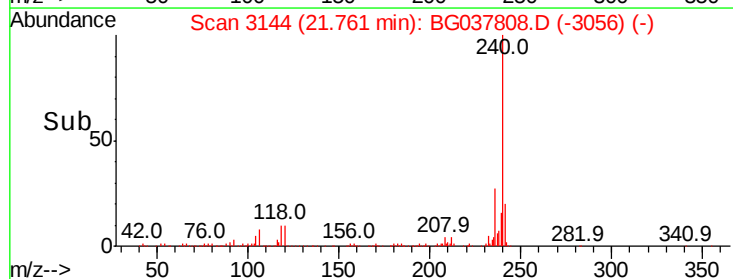
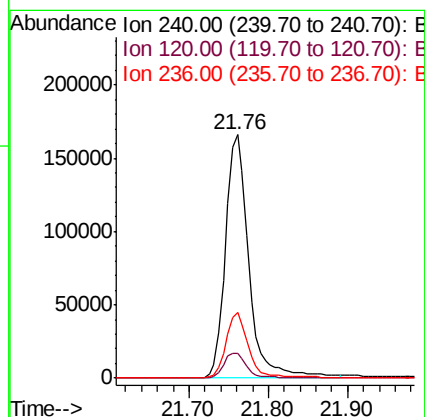
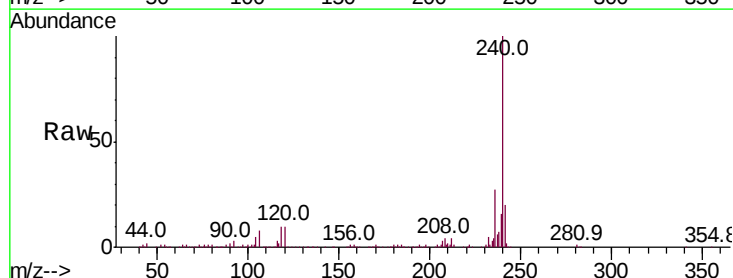
Instrument :
BNA_G
ClientSampleId :
FB-10-31-18

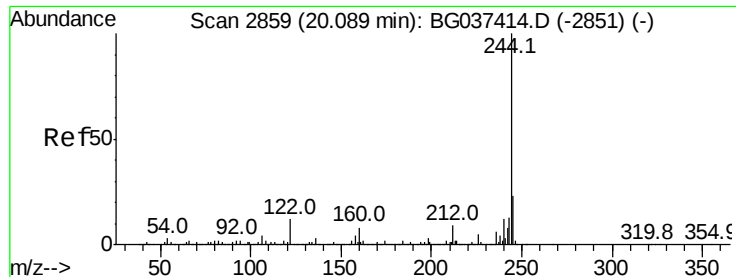
Tot Ion:188 Resp: 379464
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.4 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037808.D
Acq: 5 Nov 2018 18:26

Tgt Ion:240 Resp: 339424
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 27.0 21.4 32.0





#79

Terphenyl-d14

Concen: 88.793 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037808.D

Acq: 5 Nov 2018 18:26

Instrument :

BNA_G

ClientSampleId :

FB-10-31-18

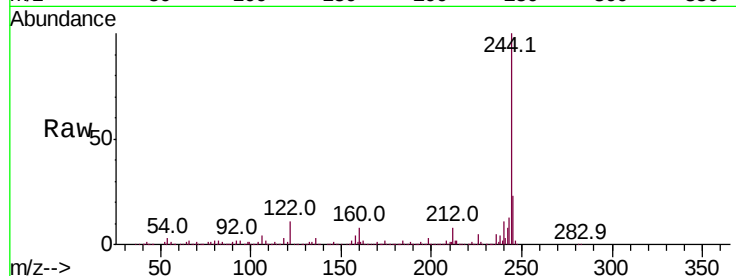
Tot Ion:244 Resp: 1410473

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

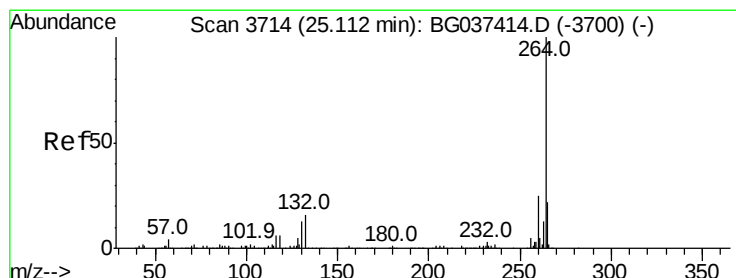
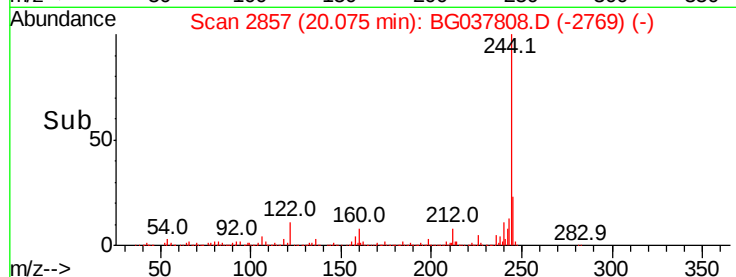
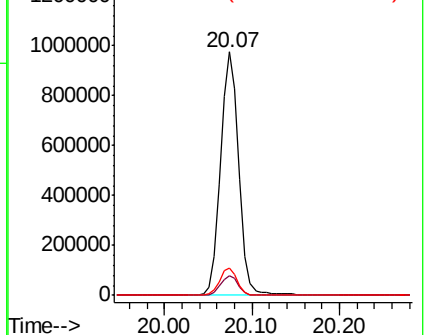
122 11.0 9.0 13.4



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: BG037808.D

Acq: 5 Nov 2018 18:26

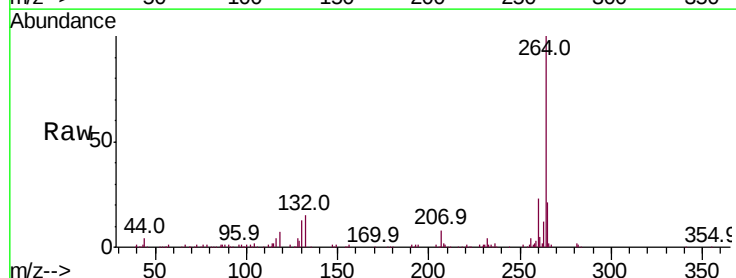
Tgt Ion:264 Resp: 281957

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

265 20.6 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

