

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037836.D
 Acq On : 6 Nov 2018 12:52
 Operator : JU/SJ
 Sample : J5764-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-110218-B

Quant Time: Nov 06 15:28:19 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	56437	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	248615	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	164110	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	366217	20.00	ng	0.00
76) Chrysene-d12	21.76	240	321946	20.00	ng	-0.01
87) Perylene-d12	25.09	264	254090	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	385045	114.06	ng	0.00
7) Phenol-d6	7.24	99	503008	98.54	ng	0.00
23) Nitrobenzene-d5	9.27	82	381141	85.88	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	171894	96.03	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	935736	85.98	ng	-0.02
79) Terphenyl-d14	20.07	244	1319634	87.58	ng	-0.01

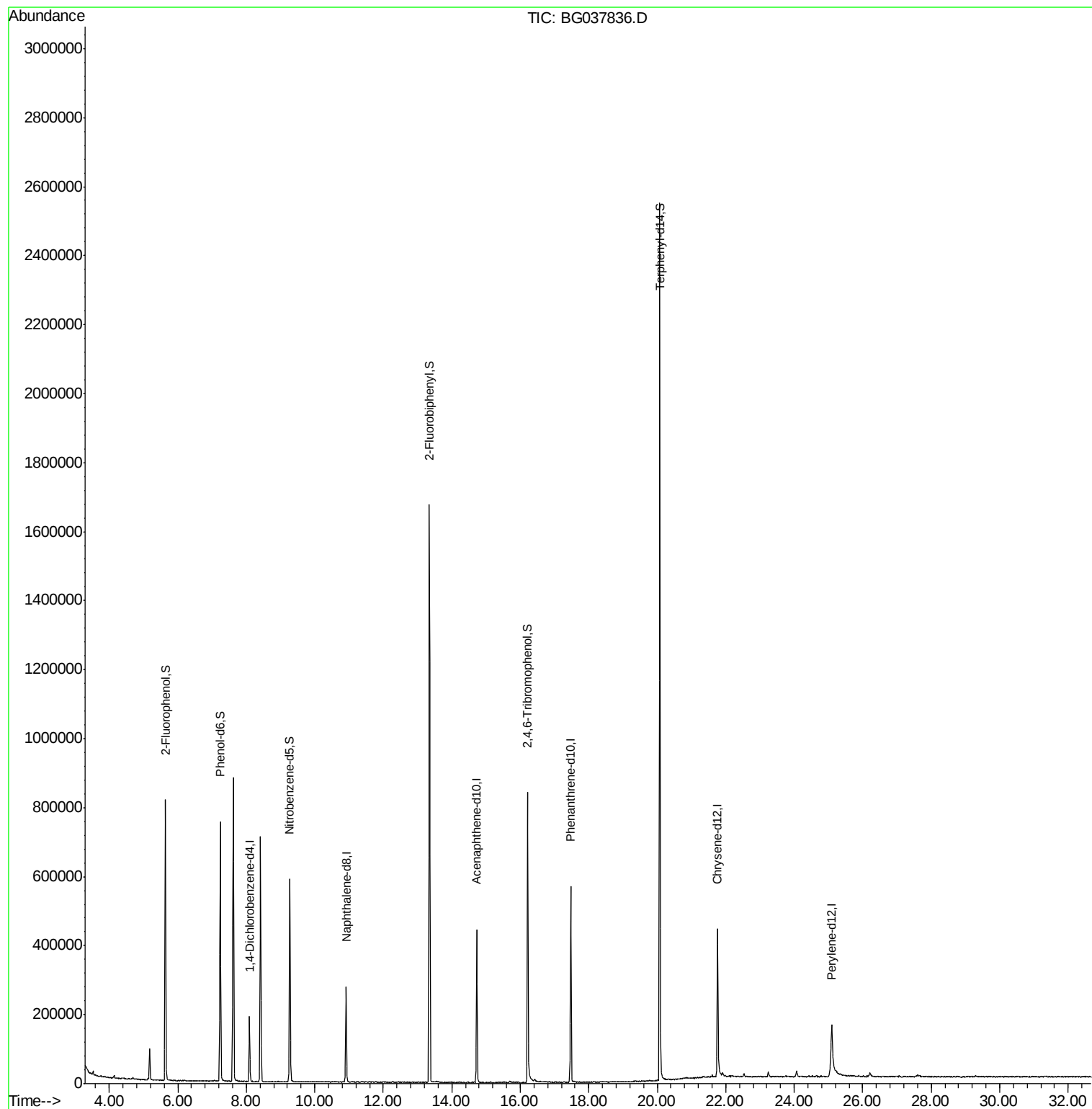
Target Compounds Qvalue

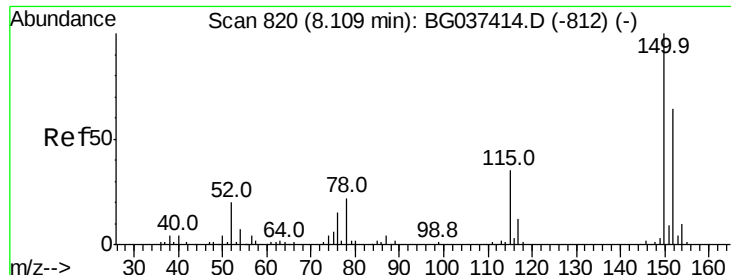
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.09 min Scan# 818

Delta R.T. -0.01 min

Lab File: BG037836.D

Acq: 6 Nov 2018 12:52

Instrument :

BNA_G

ClientSampleId :

JC-03-110218-B

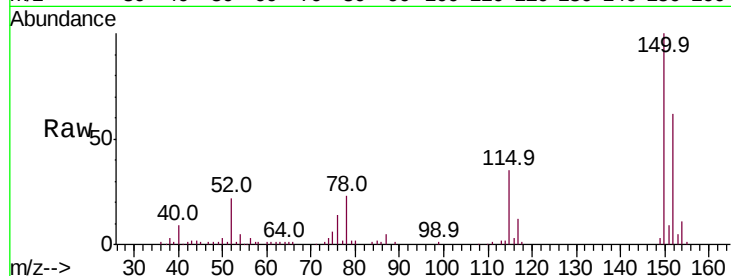
Tot Ion:152 Resp: 56437

Ion Ratio Lower Upper

152 100

150 161.1 126.0 189.0

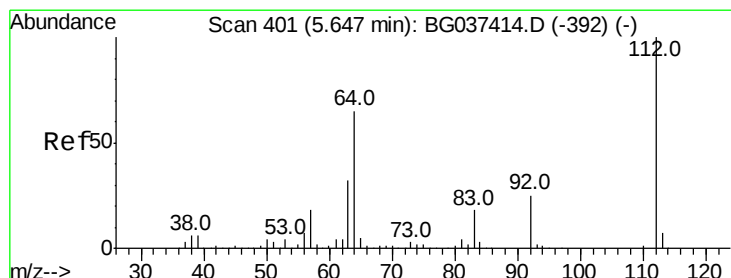
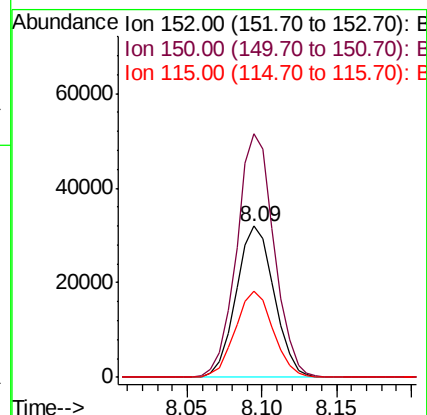
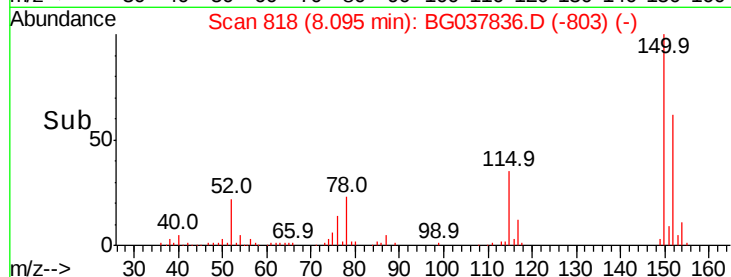
115 57.1 45.5 68.3



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: 114.063 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037836.D

Acq: 6 Nov 2018 12:52

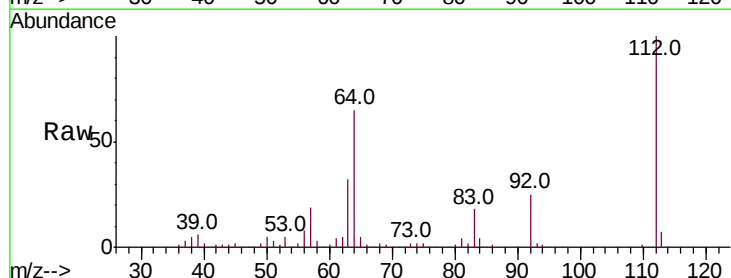
Tgt Ion:112 Resp: 385045

Ion Ratio Lower Upper

112 100

64 64.7 53.1 79.7

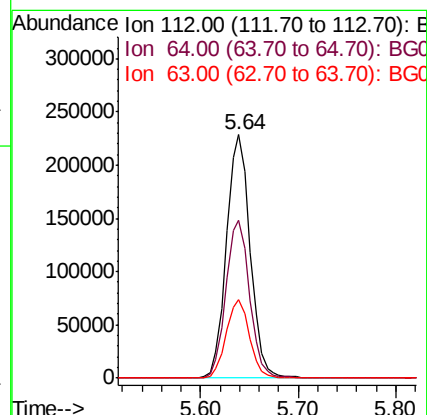
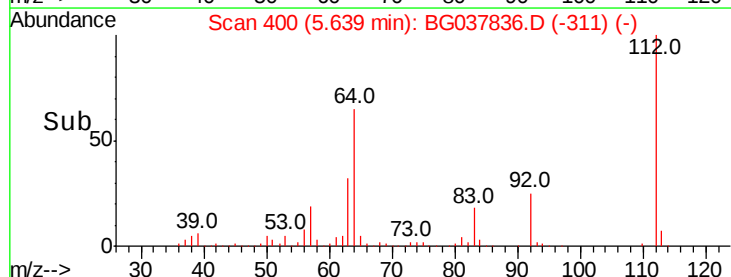
63 32.1 27.3 40.9

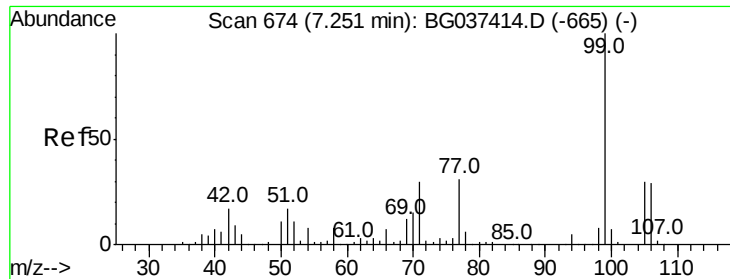


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 98.542 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037836.D

Acq: 6 Nov 2018 12:52

Instrument :

BNA_G

ClientSampleId :

JC-03-110218-B

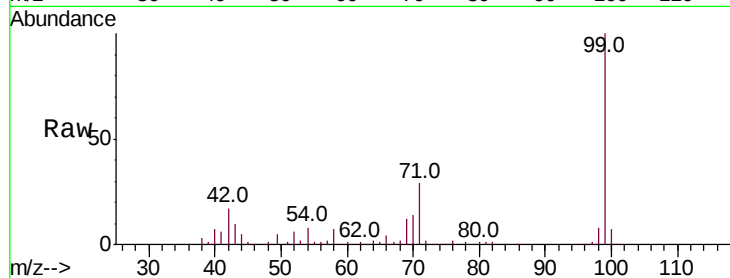
Tot Ion: 99 Resp: 503008

Ion Ratio Lower Upper

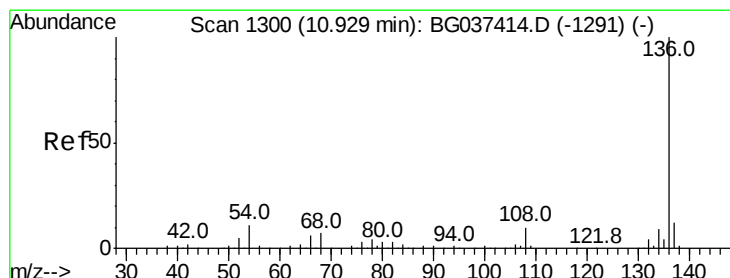
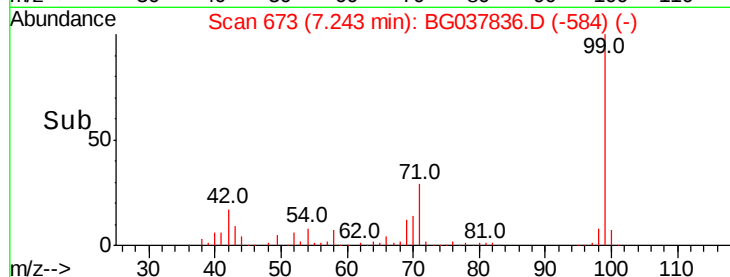
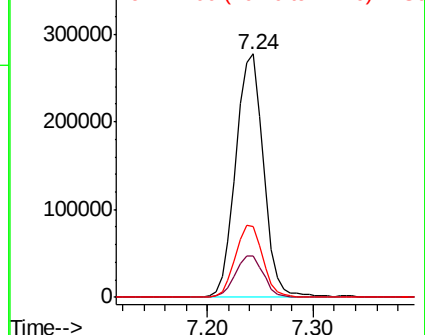
99 100

42 17.1 15.0 22.4

71 29.0 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: BG037836.D

Acq: 6 Nov 2018 12:52

Tgt Ion: 136 Resp: 248615

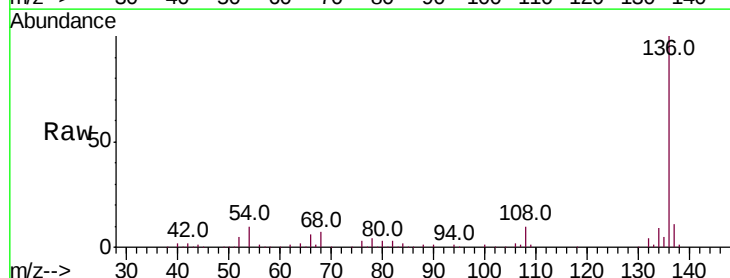
Ion Ratio Lower Upper

136 100

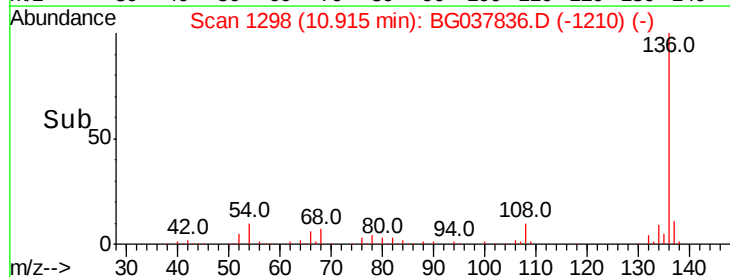
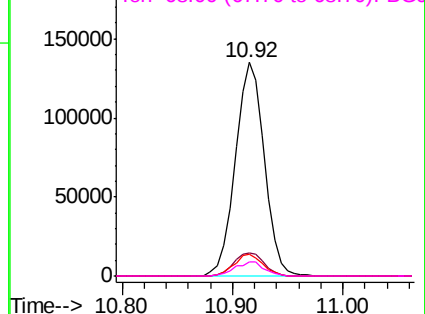
137 11.1 9.6 14.4

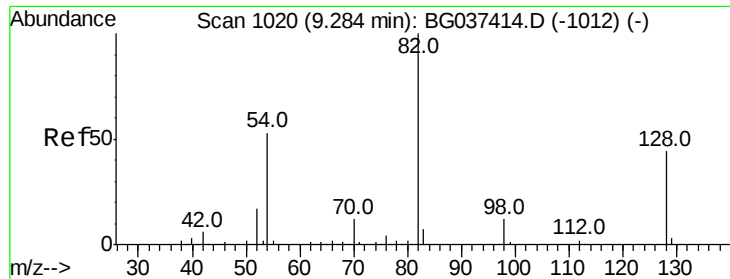
54 10.4 7.9 11.9

68 6.9 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

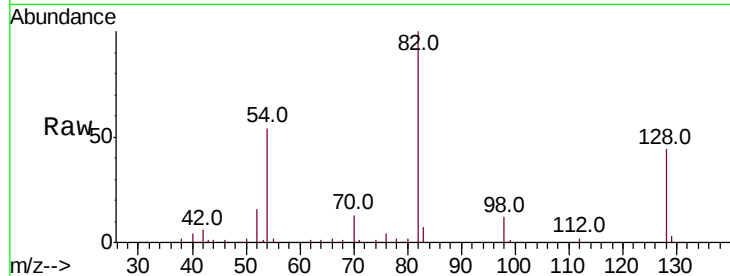




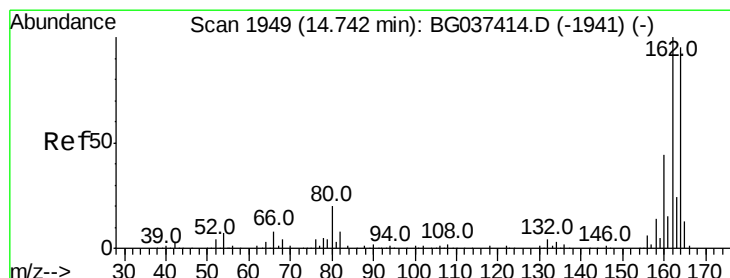
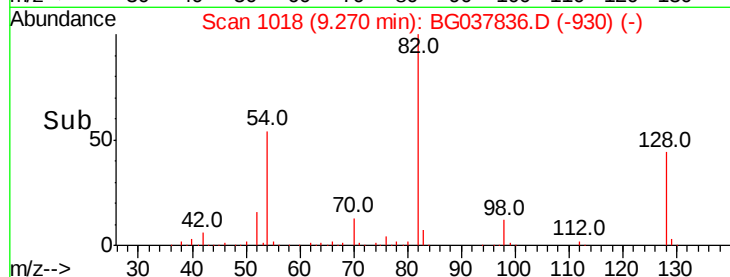
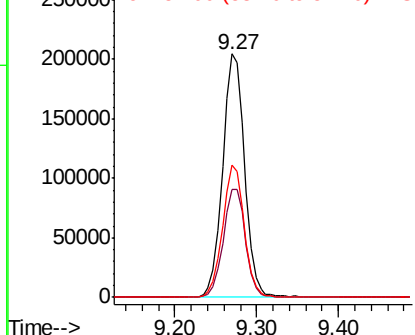
#23
Nitrobenzene-d5
Concen: 85.880 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037836.D
Acq: 6 Nov 2018 12:52

Instrument :
BNA_G
ClientSampleId :
JC-03-110218-B

Tot Ion: 82 Resp: 381141
Ion Ratio Lower Upper
82 100
128 44.1 34.6 51.8
54 54.1 45.3 67.9

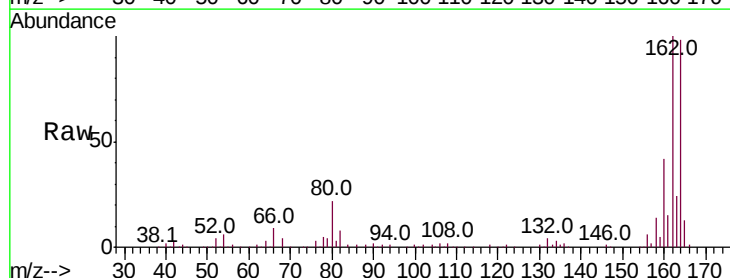


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

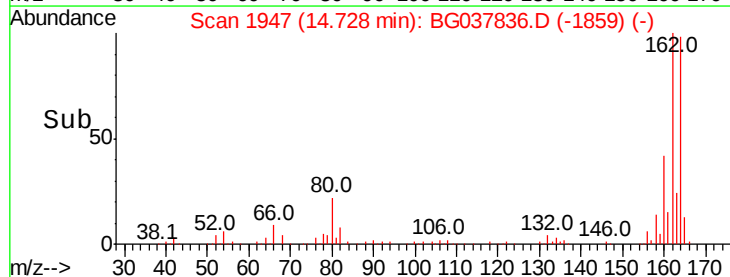
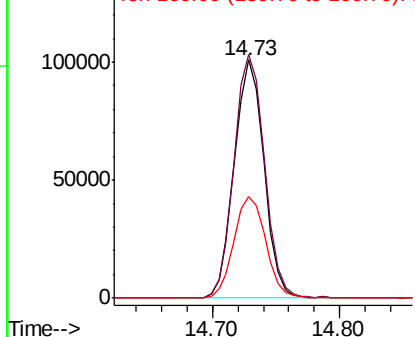


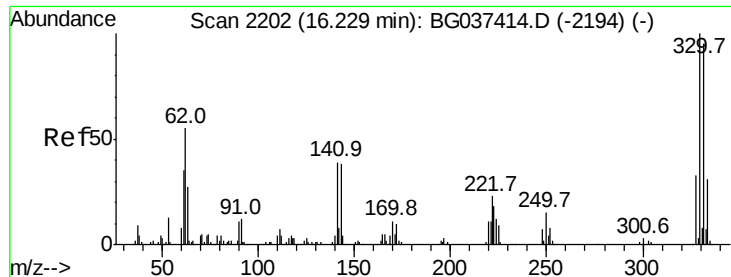
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG037836.D
Acq: 6 Nov 2018 12:52

Tgt Ion:164 Resp: 164110
Ion Ratio Lower Upper
164 100
162 102.1 81.3 121.9
160 42.8 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

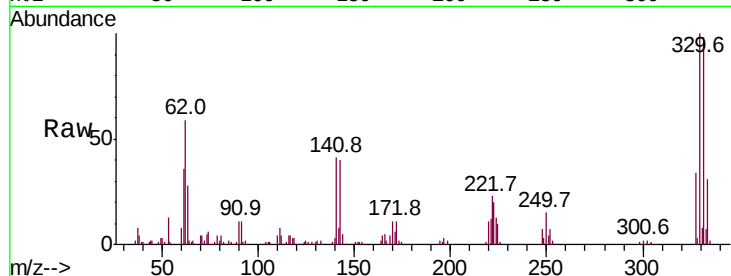




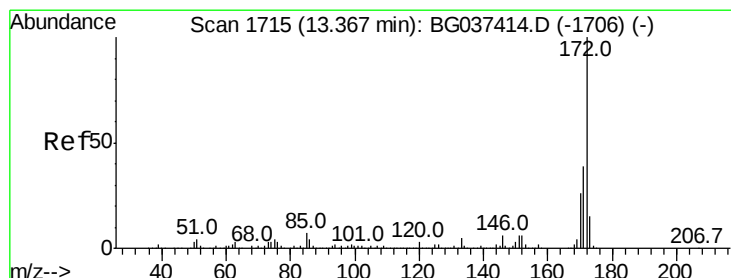
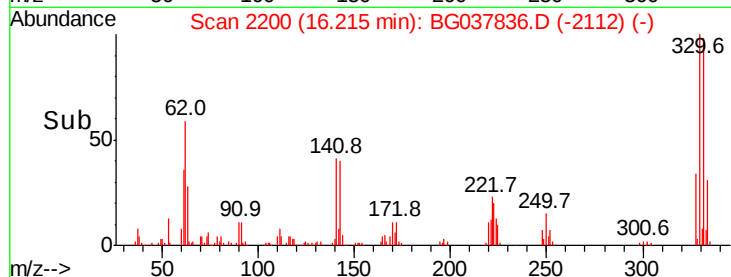
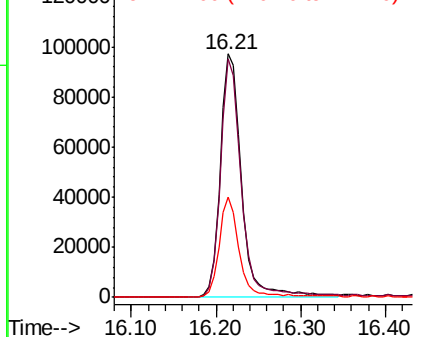
#42
 2,4,6-Tribromophenol
 Concen: 96.034 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037836.D
 Acq: 6 Nov 2018 12:52

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-110218-B

Tot Ion:330 Resp: 171894
 Ion Ratio Lower Upper
 330 100
 332 95.2 78.4 117.6
 141 39.2 32.2 48.2

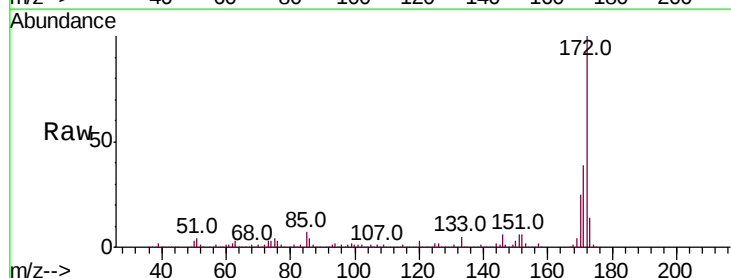


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

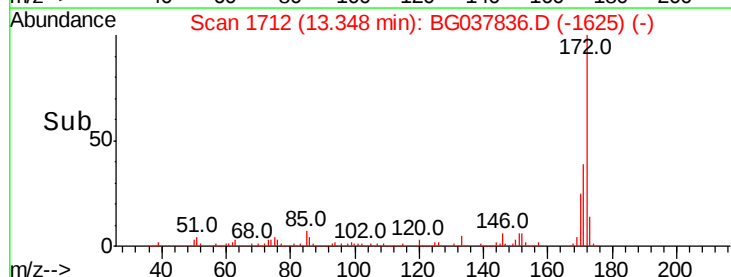
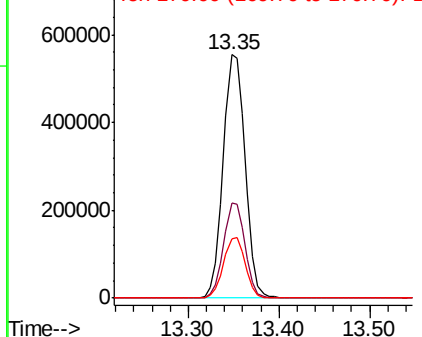


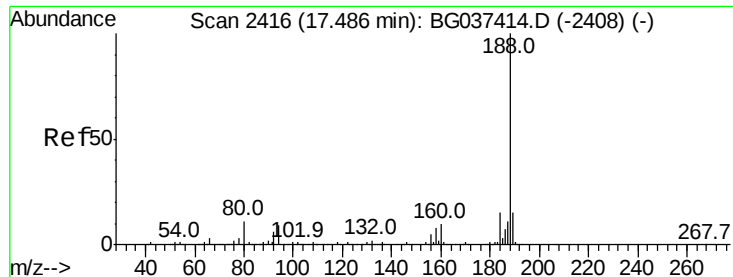
#45
 2-Fluorobiphenyl
 Concen: 85.981 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037836.D
 Acq: 6 Nov 2018 12:52

Tgt Ion:172 Resp: 935736
 Ion Ratio Lower Upper
 172 100
 171 39.2 31.0 46.4
 170 24.6 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

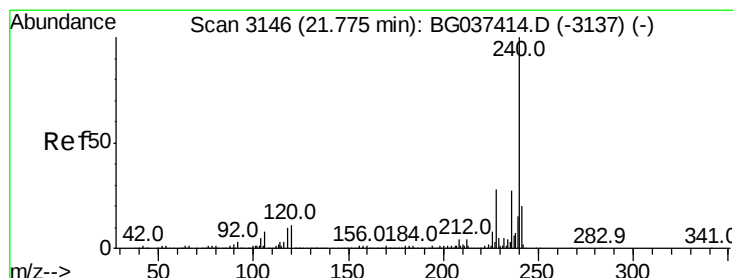
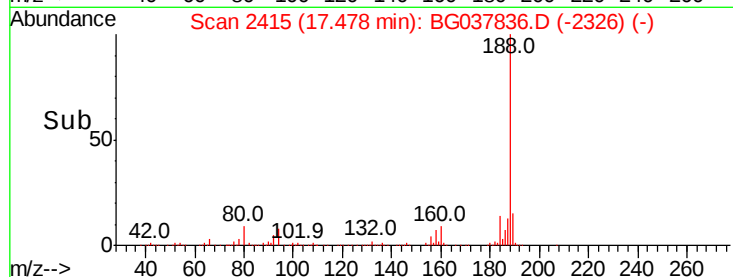
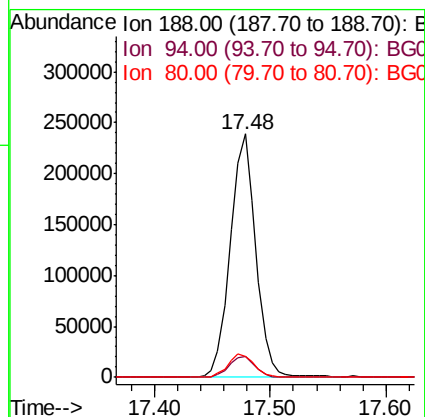
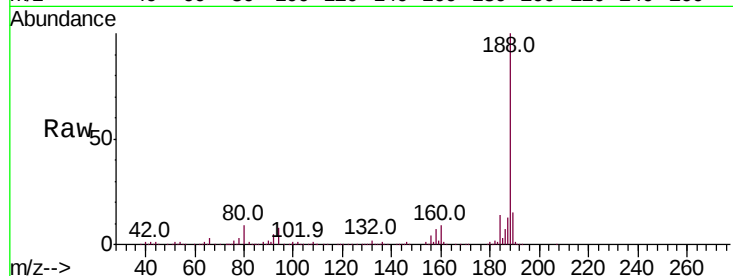




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037836.D
Acq: 6 Nov 2018 12:52

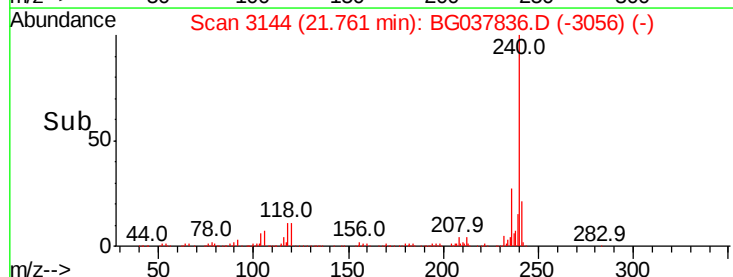
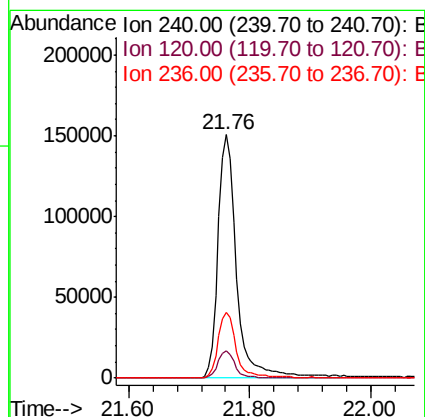
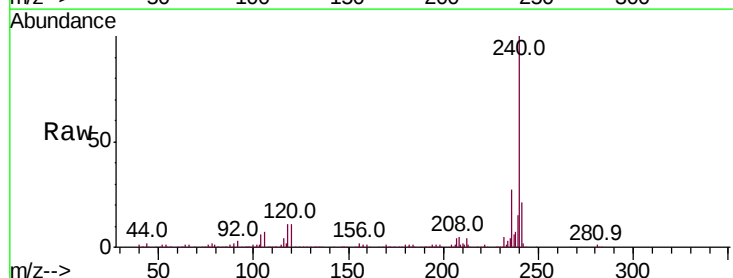
Instrument :
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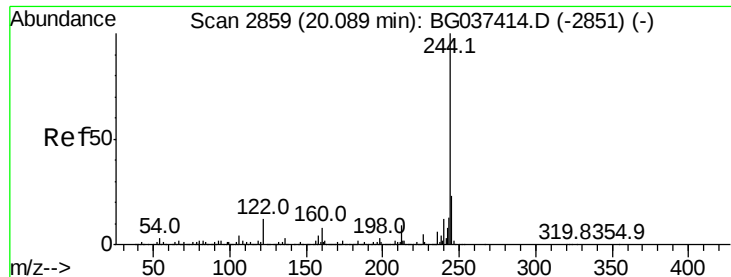
Tot Ion:188 Resp: 366217
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 8.7 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037836.D
Acq: 6 Nov 2018 12:52

Tgt Ion:240 Resp: 321946
Ion Ratio Lower Upper
240 100
120 11.5 8.1 12.1
236 27.2 21.4 32.0





#79

Terphenyl-d14

Concen: 87.585 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037836.D

Acq: 6 Nov 2018 12:52

Instrument :

BNA_G

ClientSampleId :

JC-03-110218-B

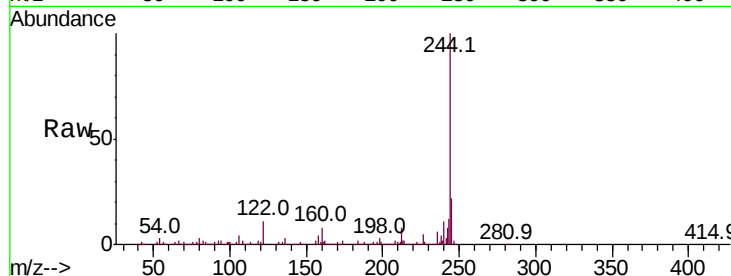
Tot Ion:244 Resp: 1319634

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	11.3	9.0	13.4

244 100

212 8.0 6.5 9.7

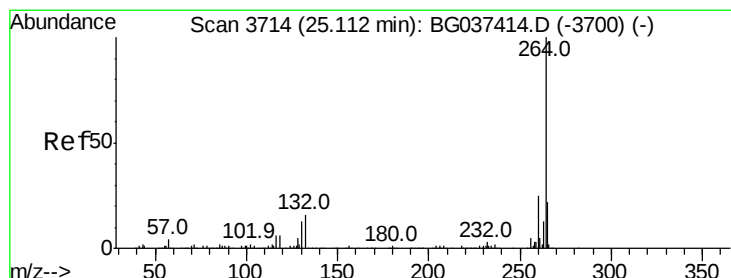
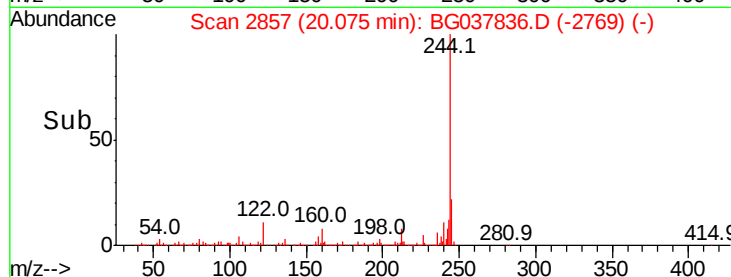
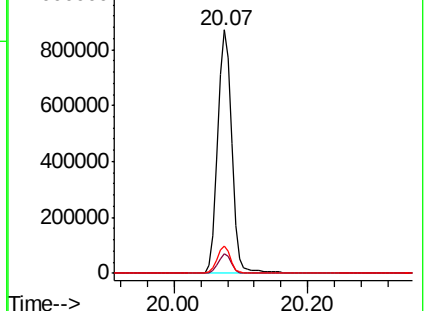
122 11.3 9.0 13.4



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: BG037836.D

Acq: 6 Nov 2018 12:52

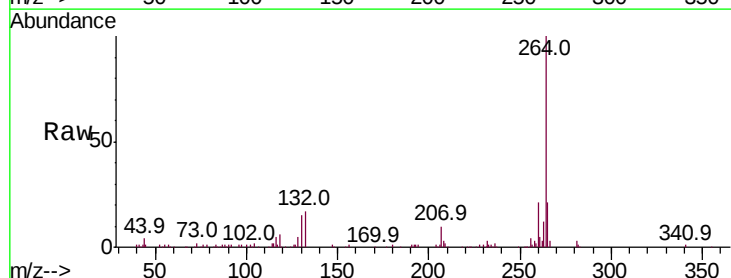
Tgt Ion:264 Resp: 254090

Ion	Ratio	Lower	Upper
264	100		
260	21.2	18.2	27.4
265	21.4	17.9	26.9

264 100

260 21.2 18.2 27.4

265 21.4 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

