

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
 Data File : BG037607.D
 Acq On : 27 Oct 2018 8:13
 Operator : JU/SJ
 Sample : J5662-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 102318-TIPC-F-D-B

Quant Time: Oct 29 02:23:38 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

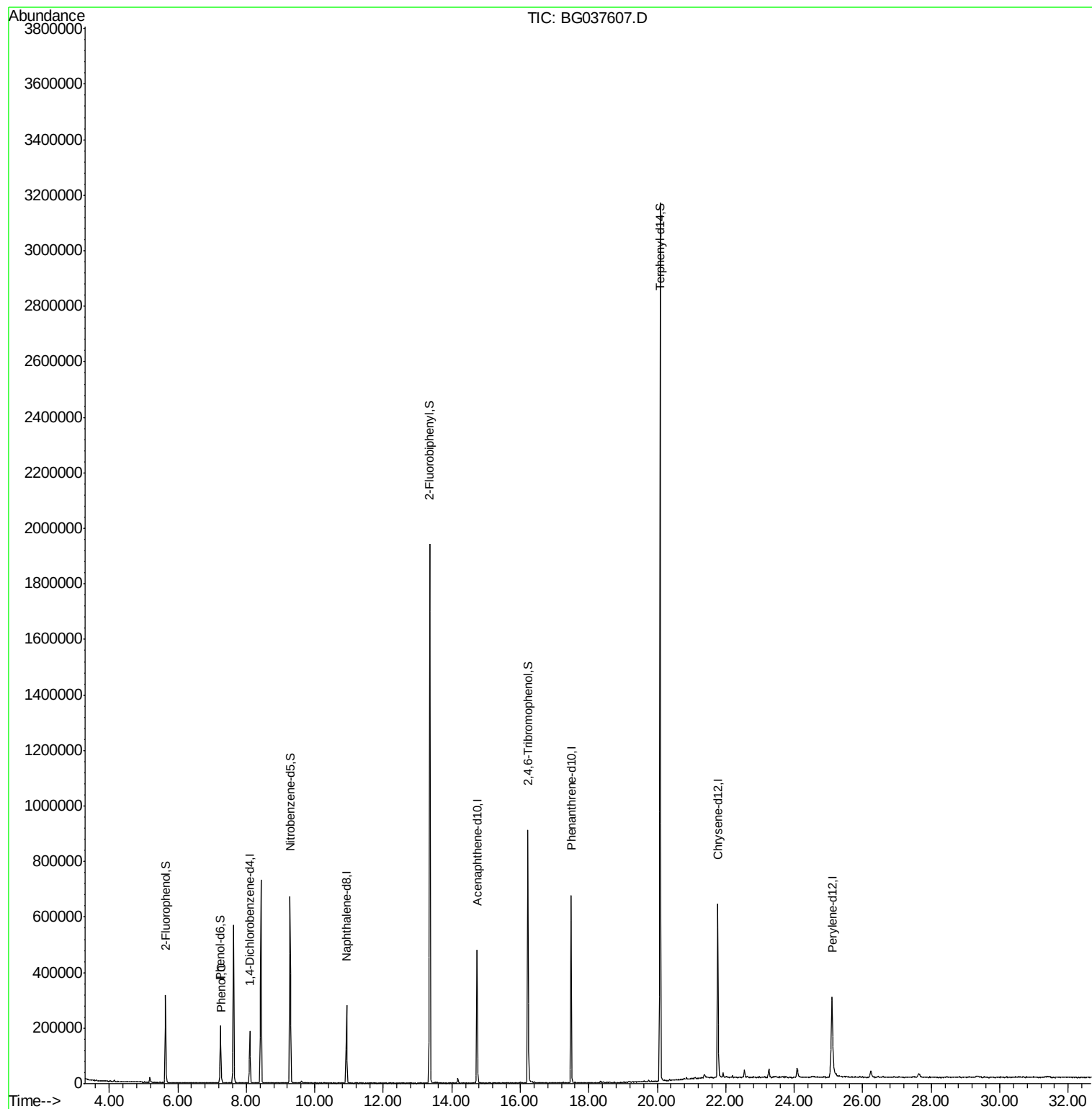
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	59477	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	250284	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	172649	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	422010	20.00	ng	0.00
76) Chrysene-d12	21.77	240	381100	20.00	ng	0.00
87) Perylene-d12	25.10	264	355999	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	147947	41.59	ng	0.00
7) Phenol-d6	7.24	99	135640	25.21	ng	0.00
23) Nitrobenzene-d5	9.28	82	430145	96.28	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	168302	89.38	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1038392	90.69	ng	0.00
79) Terphenyl-d14	20.09	244	1573835	88.24	ng	0.00
Target Compounds						
10) Phenol	7.26	94	16659	2.935	ng	Qvalue 92

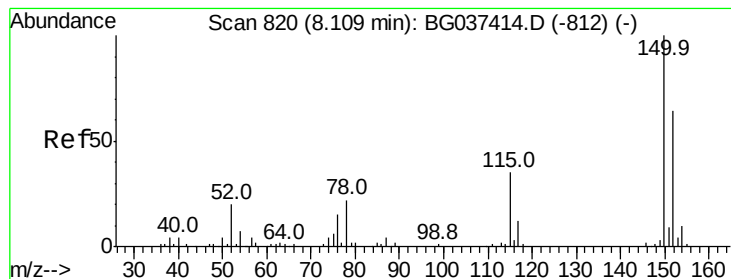
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG037607.D

Acq: 27 Oct 2018 8:13

Instrument :

BNA_G

ClientSampleId :

102318-TIPC-F-D-B

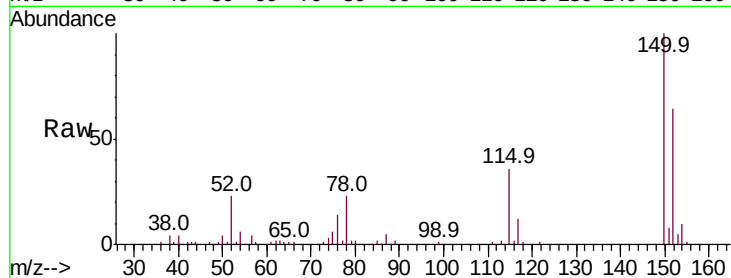
Tot Ion:152 Resp: 59477

Ion Ratio Lower Upper

152 100

150 155.6 126.0 189.0

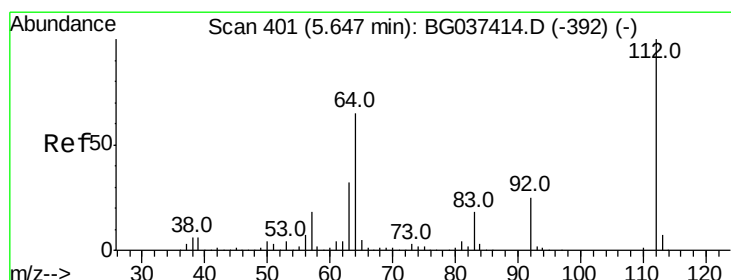
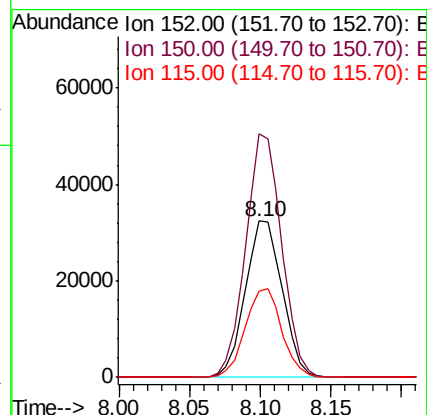
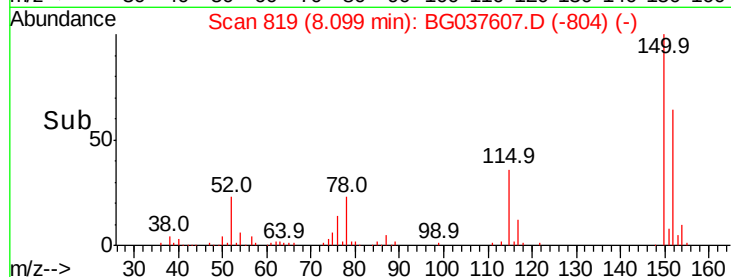
115 55.4 45.5 68.3



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: 41.587 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037607.D

Acq: 27 Oct 2018 8:13

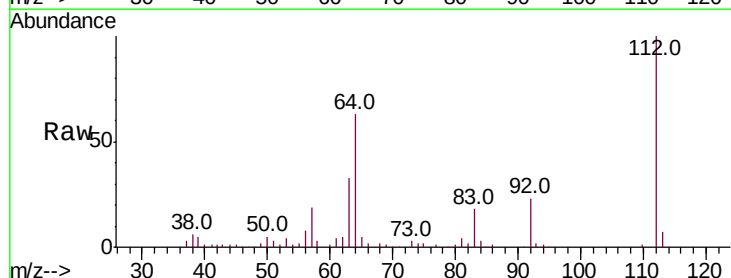
Tgt Ion:112 Resp: 147947

Ion Ratio Lower Upper

112 100

64 63.0 53.1 79.7

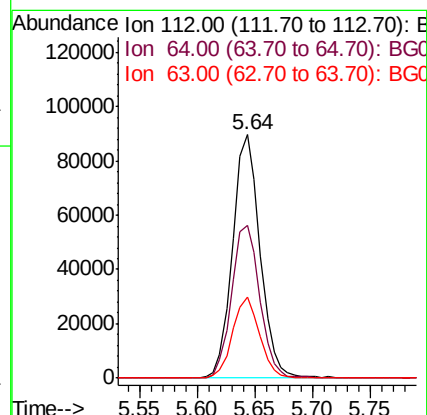
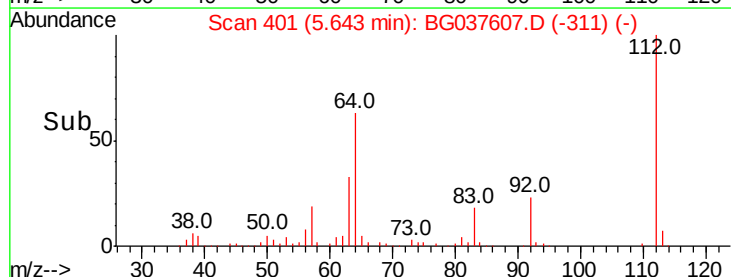
63 33.1 27.3 40.9

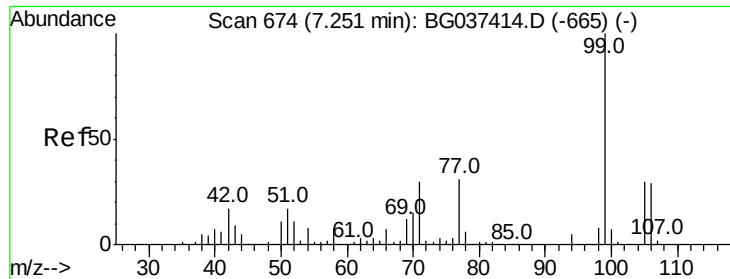


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 25.214 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037607.D

Acq: 27 Oct 2018 8:13

Instrument :

BNA_G

ClientSampleId :

102318-TIPC-F-D-B

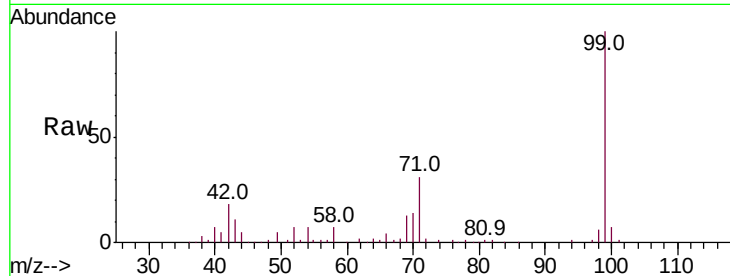
Tot Ion: 99 Resp: 135640

Ion Ratio Lower Upper

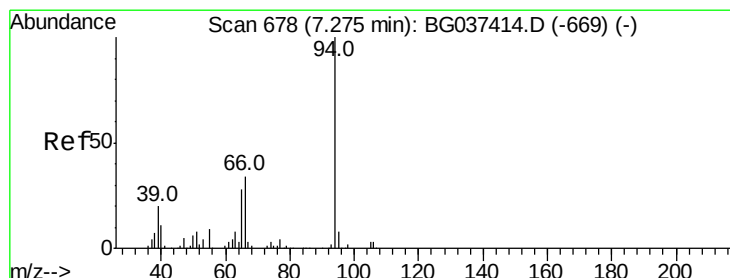
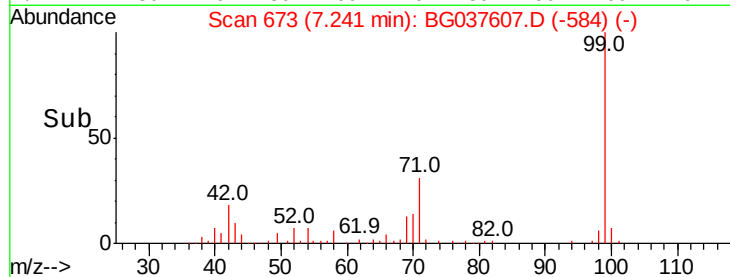
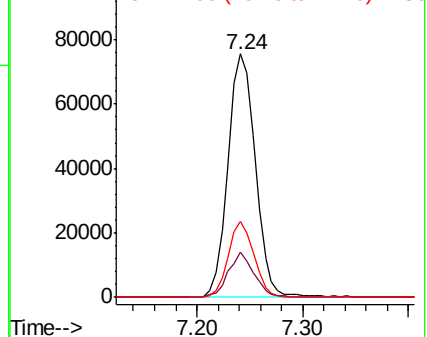
99 100

42 18.3 15.0 22.4

71 31.4 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



#10

Phenol

Concen: 2.935 ng

RT: 7.26 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037607.D

Acq: 27 Oct 2018 8:13

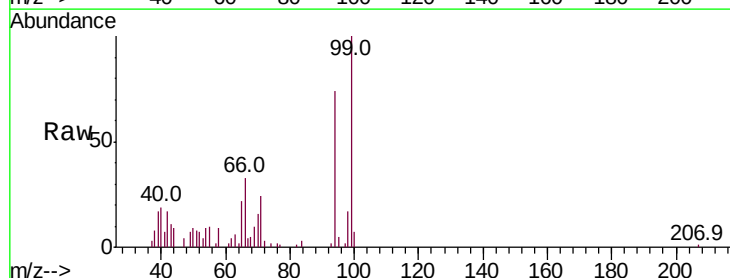
Tgt Ion: 94 Resp: 16659

Ion Ratio Lower Upper

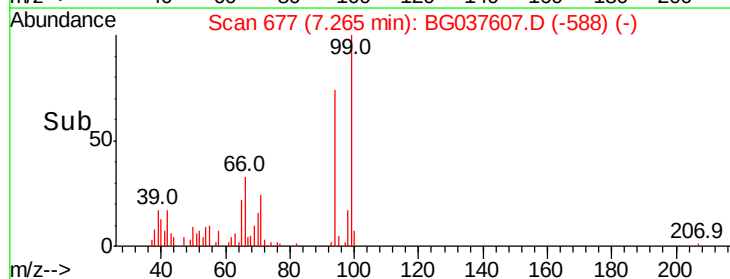
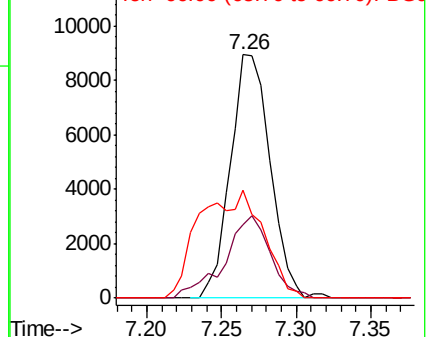
94 100

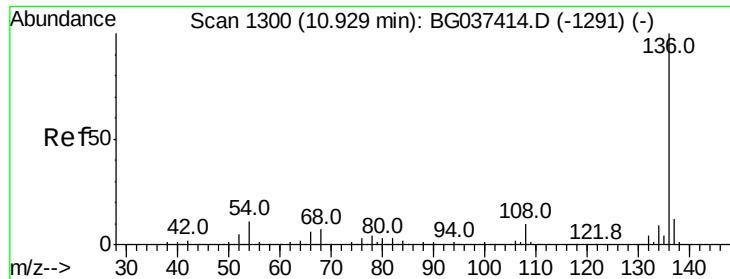
65 30.2 9.7 49.7

66 44.4 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

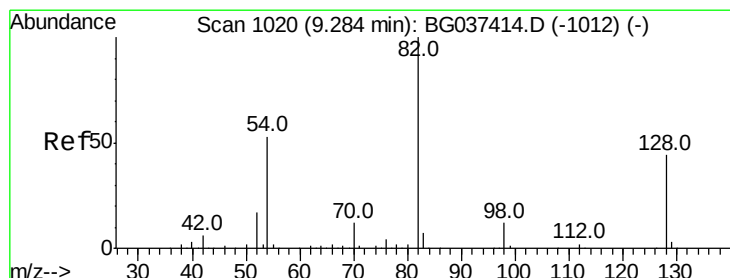
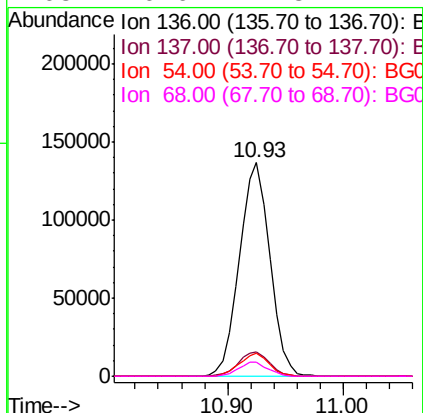
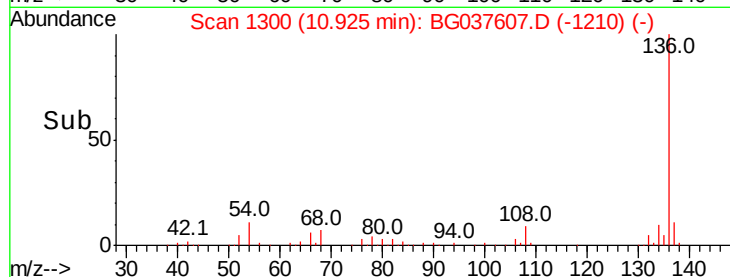
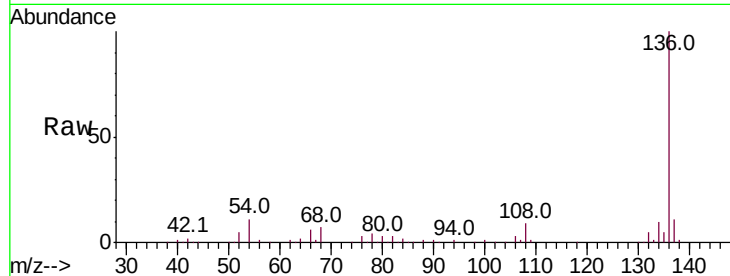




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037607.D
Acq: 27 Oct 2018 8:13

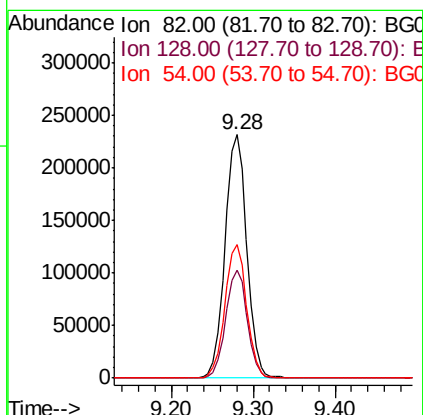
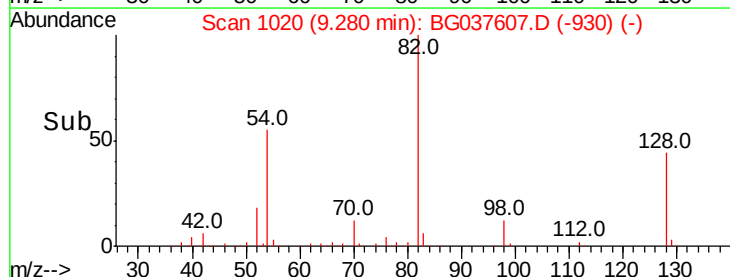
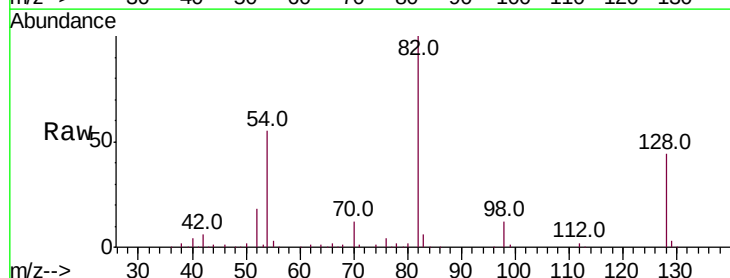
Instrument :
BNA_G
ClientSampleId :
102318-TIPC-F-D-B

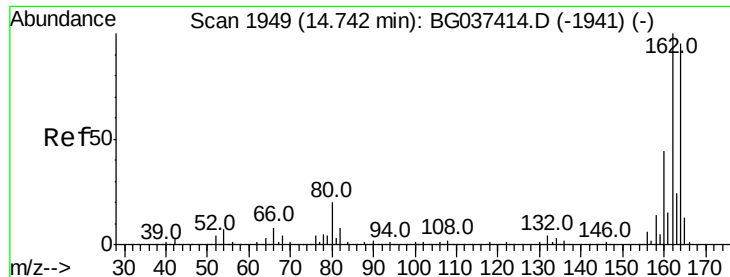
Tot Ion:	136	Resp:	250284
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	10.6	7.9	11.9
68	6.6	4.8	7.2



#23
Nitrobenzene-d5
Concen: 96.276 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037607.D
Acq: 27 Oct 2018 8:13

Tgt Ion:	82	Resp:	430145
Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.6	51.8
54	55.1	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037607.D

Acq: 27 Oct 2018 8:13

Instrument :

BNA_G

ClientSampleId :

102318-TIPC-F-D-B

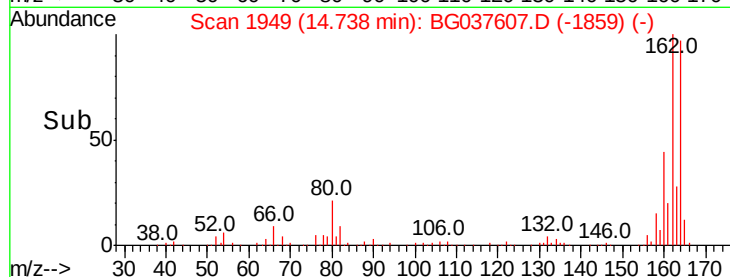
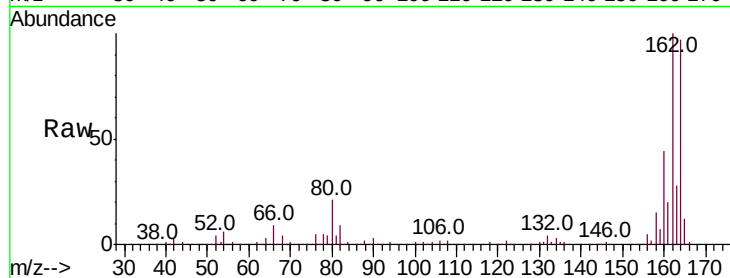
Tot Ion:164 Resp: 172649

Ion Ratio Lower Upper

164 100

162 103.5 81.3 121.9

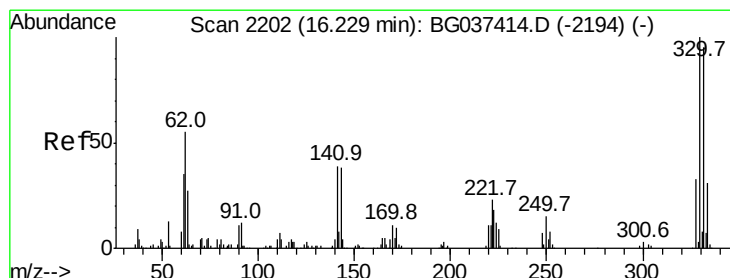
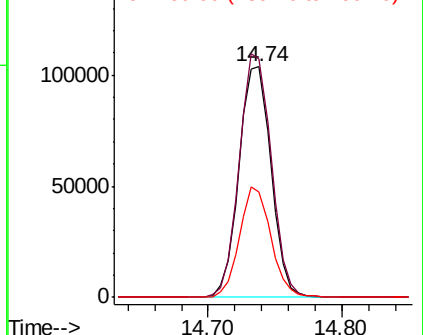
160 45.9 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 89.377 ng

RT: 16.22 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037607.D

Acq: 27 Oct 2018 8:13

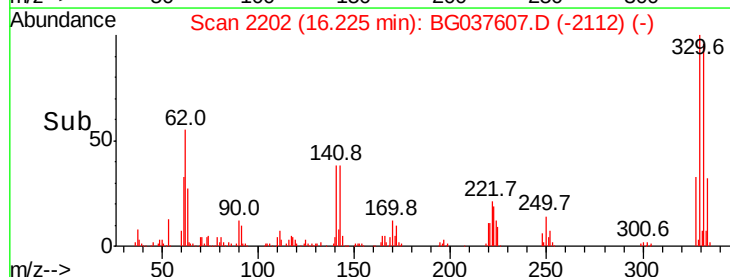
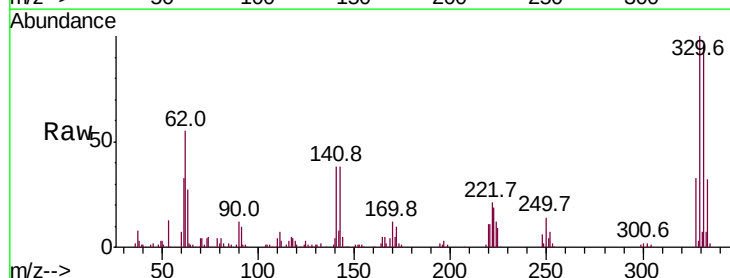
Tgt Ion:330 Resp: 168302

Ion Ratio Lower Upper

330 100

332 96.3 78.4 117.6

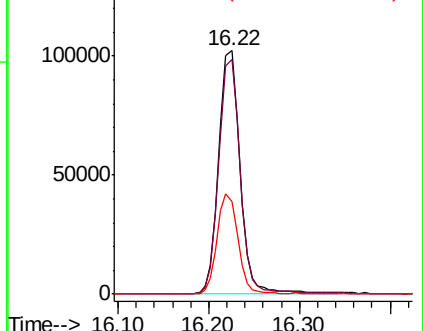
141 40.3 32.2 48.2

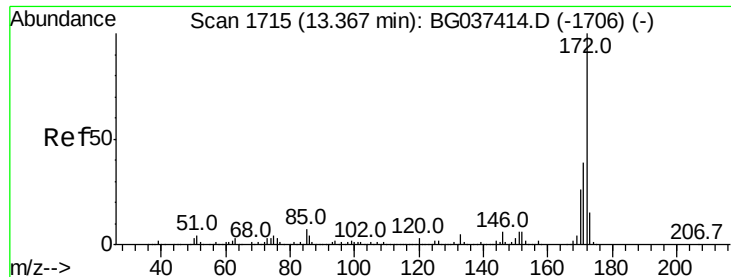


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



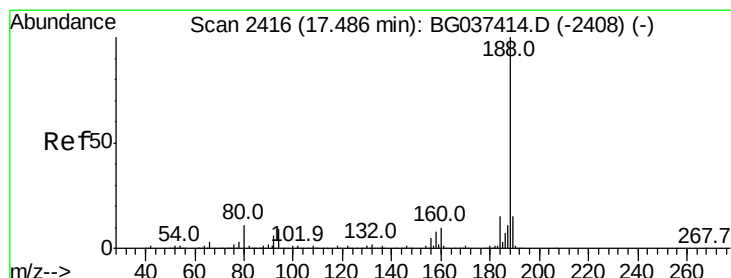
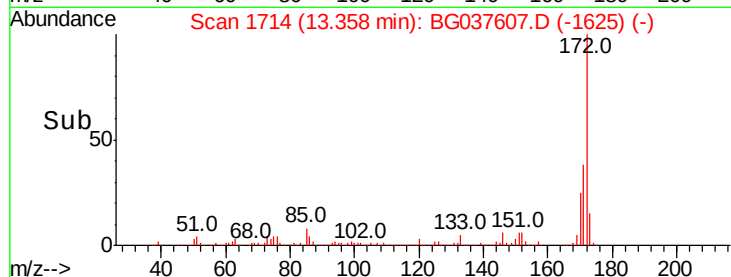
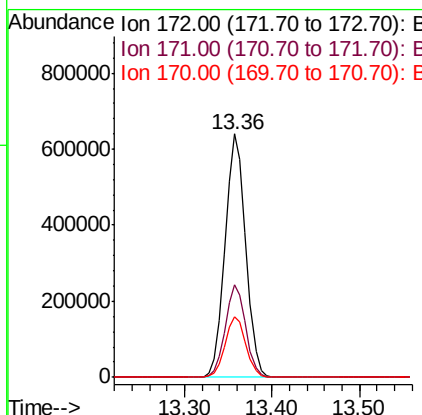
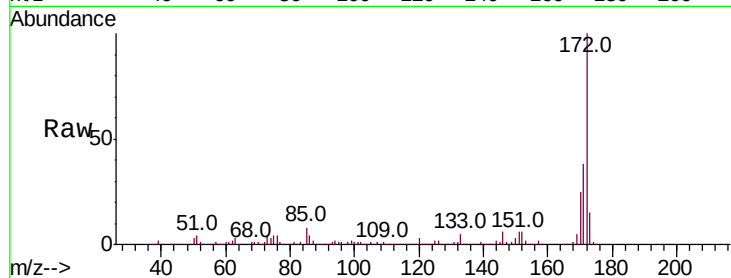


#45
 2-Fluorobiphenyl
 Concen: 90.695 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037607.D
 Acq: 27 Oct 2018 8:13

Instrument :
 BNA_G
 ClientSampleId :
 102318-TIPC-F-D-B

Tot Ion:172 Resp: 1038392

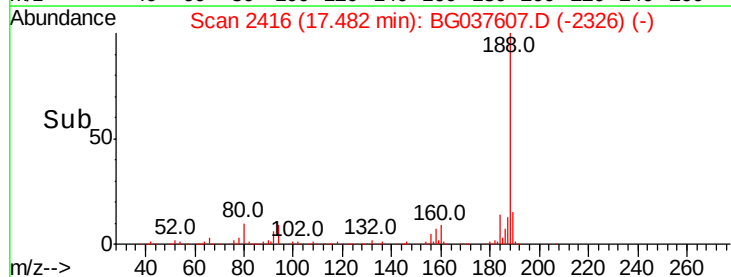
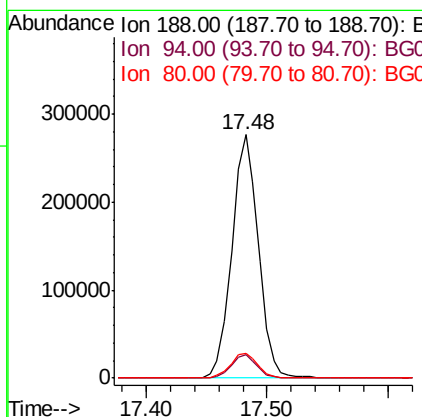
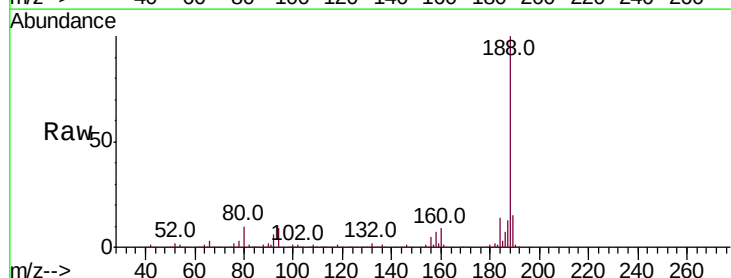
Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	25.0	20.2	30.2

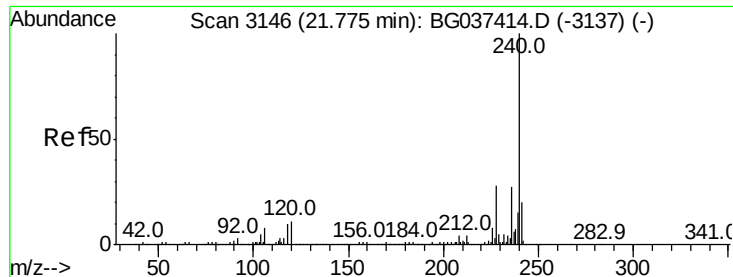


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037607.D
 Acq: 27 Oct 2018 8:13

Tgt Ion:188 Resp: 422010

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.4	7.7	11.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037607.D

Acq: 27 Oct 2018 8:13

Instrument :

BNA_G

ClientSampleId :

102318-TIPC-F-D-B

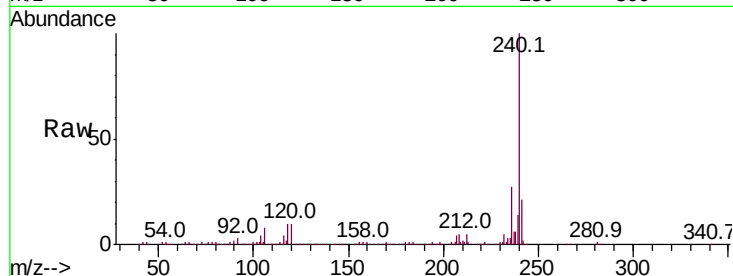
Tot Ion:240 Resp: 381100

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

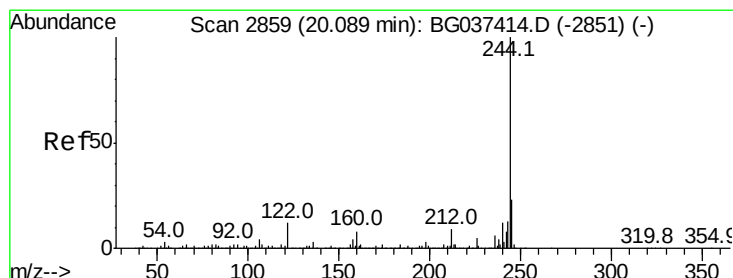
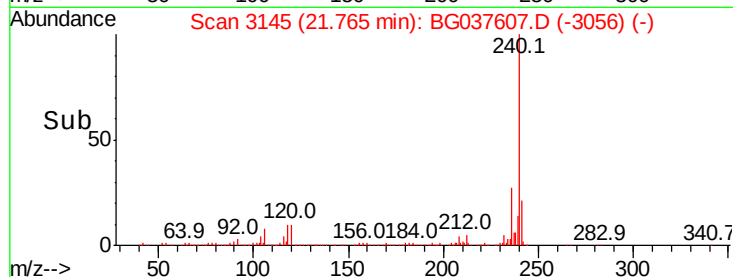
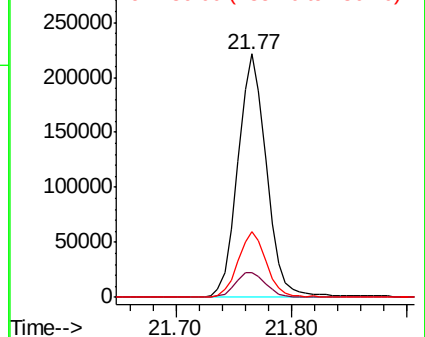
236 26.8 21.4 32.0



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: 88.242 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037607.D

Acq: 27 Oct 2018 8:13

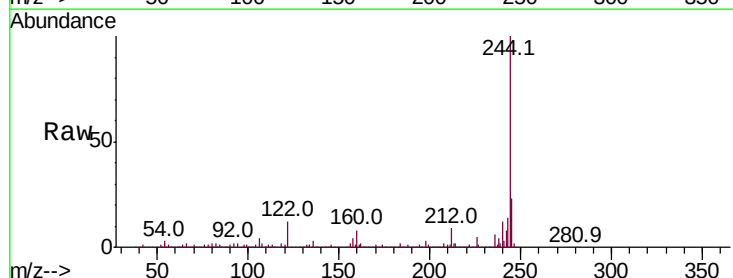
Tgt Ion:244 Resp: 1573835

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

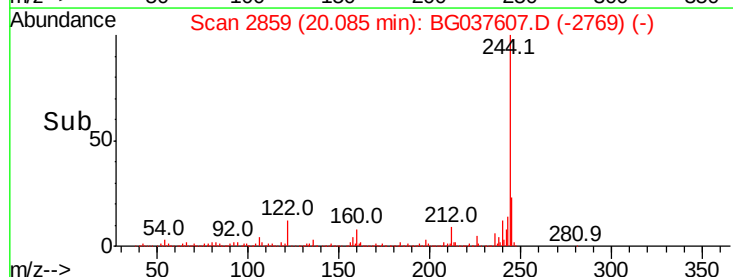
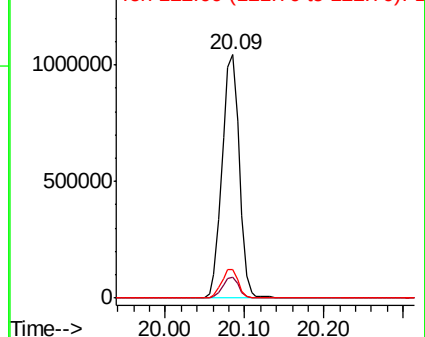
122 11.7 9.0 13.4

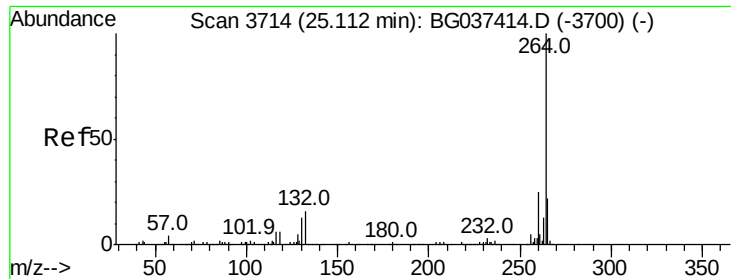


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037607.D
Acq: 27 Oct 2018 8:13

Instrument :
BNA_G
ClientSampleId :
102318-TIPC-F-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	20.9	17.9	26.9

