

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037550.D
 Acq On : 25 Oct 2018 18:18
 Operator : JU/SJ
 Sample : J5621-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SA-SB-01C

Quant Time: Oct 26 08:20:17 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

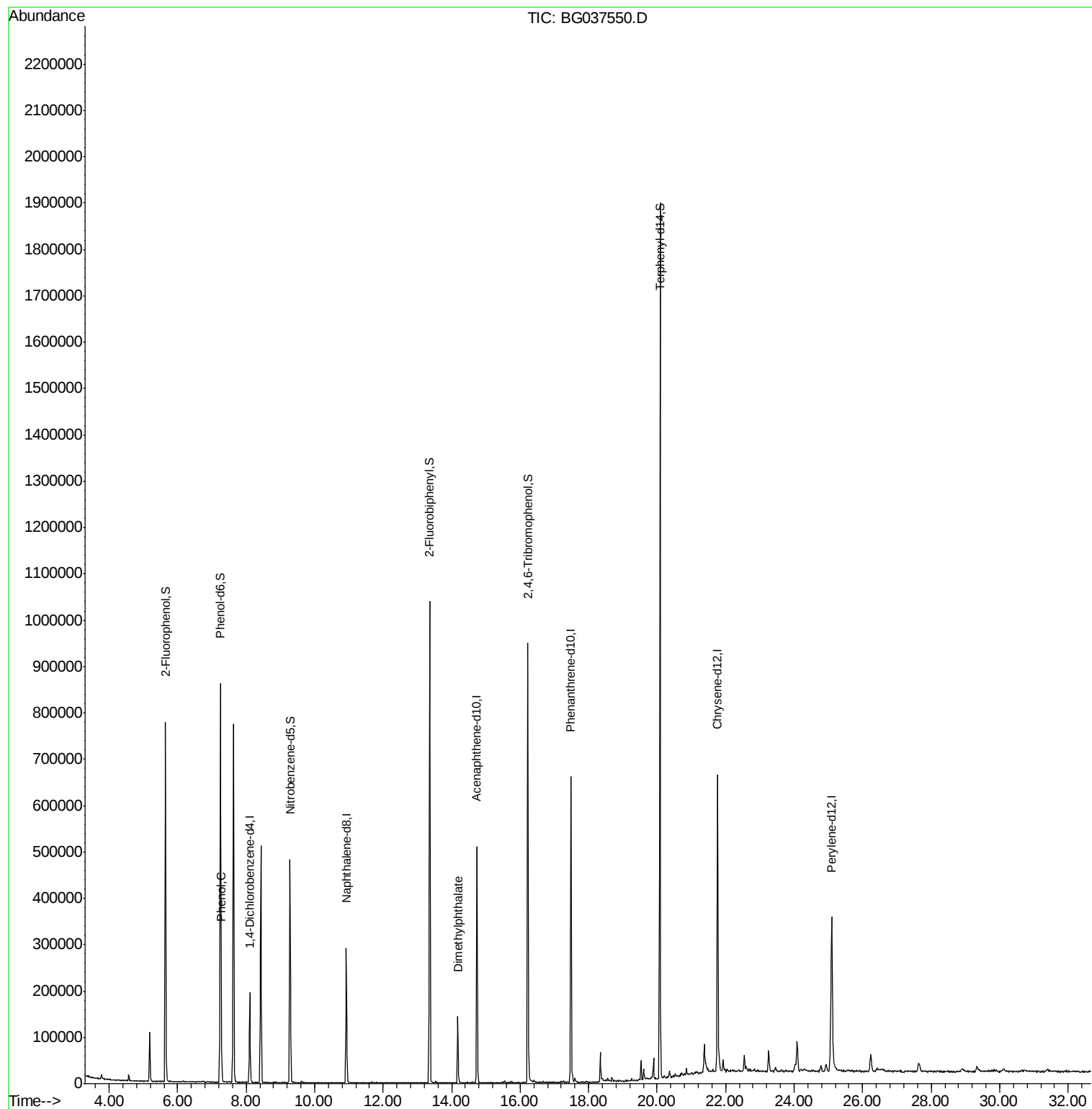
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	56261	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	260372	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	179779	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	431431	20.00	ng	0.00
76) Chrysene-d12	21.76	240	391719	20.00	ng	-0.01
87) Perylene-d12	25.10	264	388910	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	367776	109.29	ng	0.00
7) Phenol-d6	7.24	99	545478	107.20	ng	0.00
23) Nitrobenzene-d5	9.28	82	312607	67.26	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	177242	90.39	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	584892	49.06	ng	0.00
79) Terphenyl-d14	20.08	244	947345	51.68	ng	0.00
Target Compounds						
10) Phenol	7.27	94	76351	14.221	ng	96
50) Dimethylphthalate	14.18	163	106059	7.626	ng	97

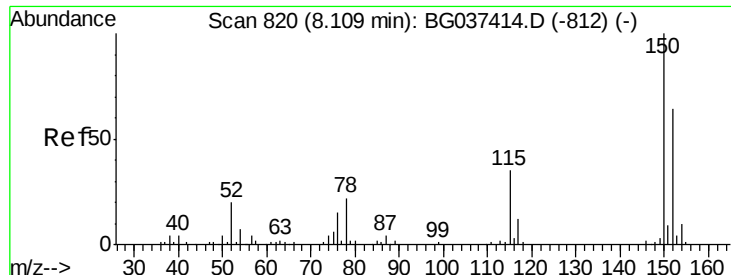
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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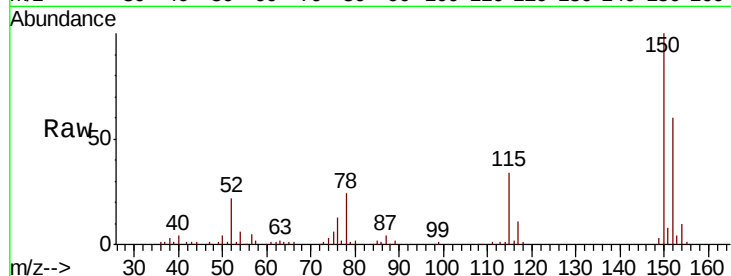


#1

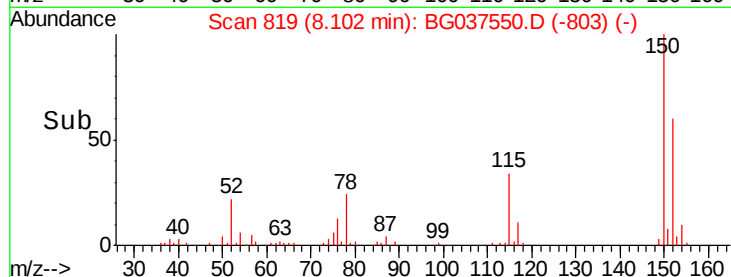
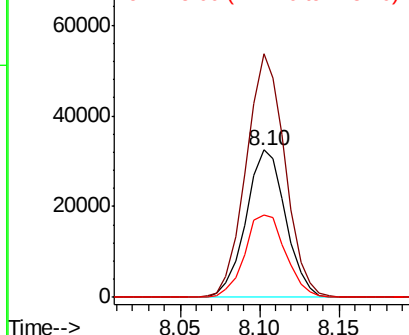
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037550.D
Acq: 25 Oct 2018 18:18

Instrument :
BNA_G
ClientSampleId :
SA-SB-01C

Tot Ion:152 Resp: 56261
Ion Ratio Lower Upper
152 100
150 165.6 126.0 189.0
115 55.7 45.5 68.3



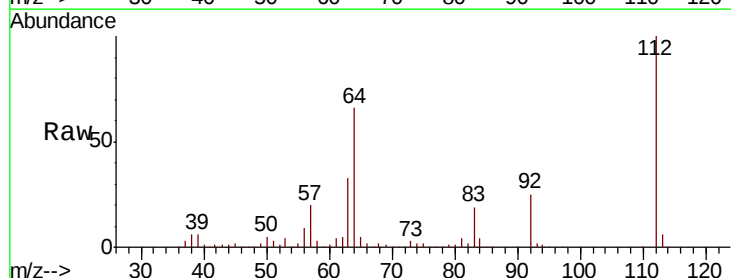
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



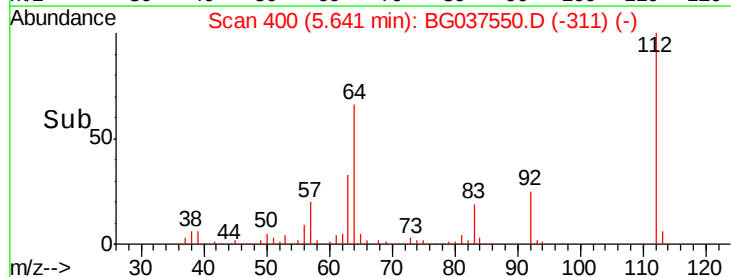
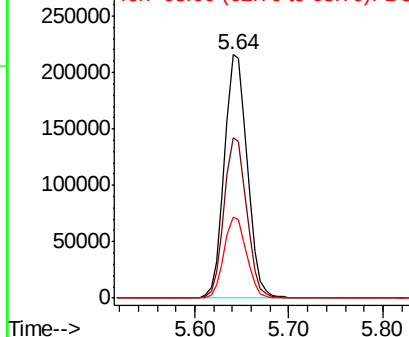
#5

2-Fluorophenol
Concen: 109.288 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037550.D
Acq: 25 Oct 2018 18:18

Tgt Ion:112 Resp: 367776
Ion Ratio Lower Upper
112 100
64 66.0 53.1 79.7
63 33.3 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: 107.196 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037550.D

Acq: 25 Oct 2018 18:18

Instrument :

BNA_G

ClientSampleId :

SA-SB-01C

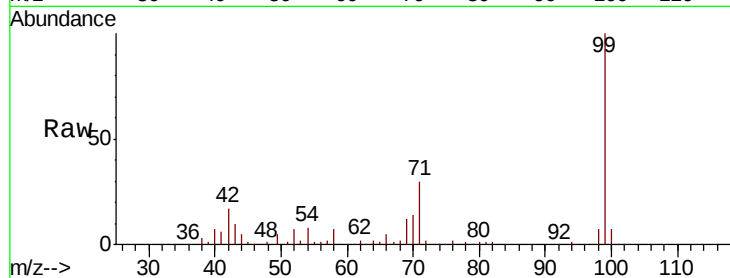
Tot Ion: 99 Resp: 545478

Ion Ratio Lower Upper

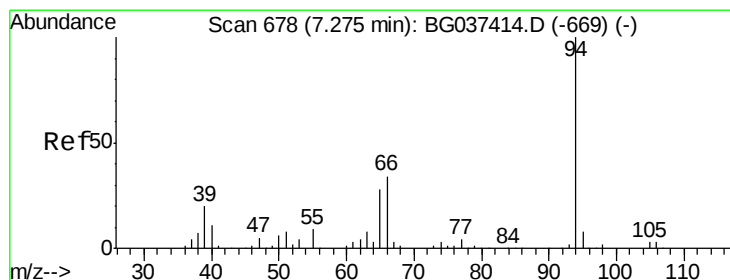
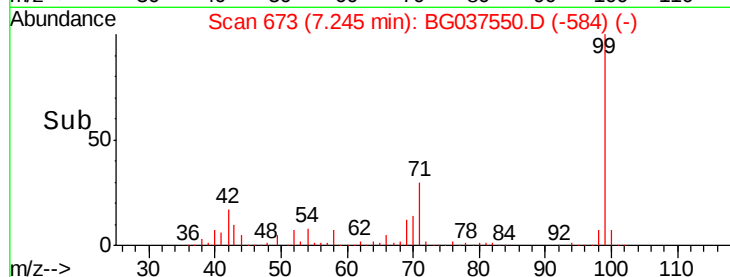
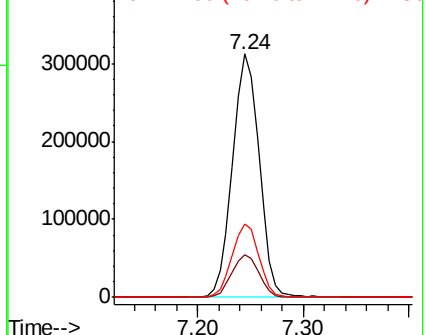
99 100

42 17.3 15.0 22.4

71 30.2 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: 14.221 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037550.D

Acq: 25 Oct 2018 18:18

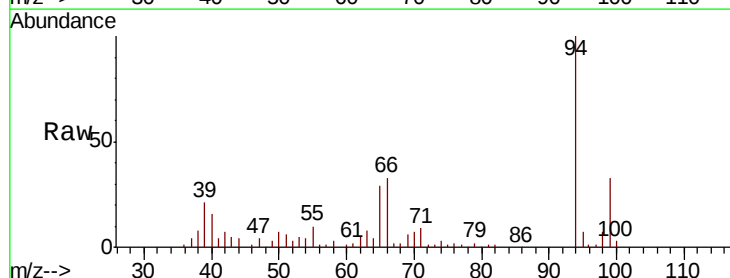
Tgt Ion: 94 Resp: 76351

Ion Ratio Lower Upper

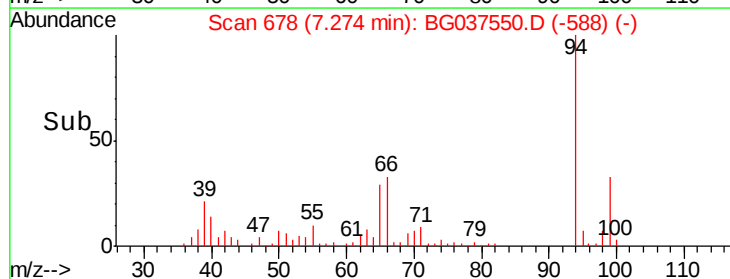
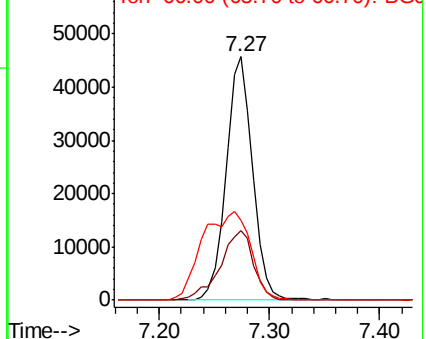
94 100

65 28.7 9.7 49.7

66 32.9 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

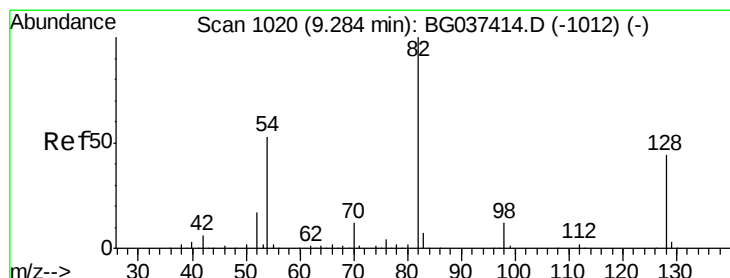
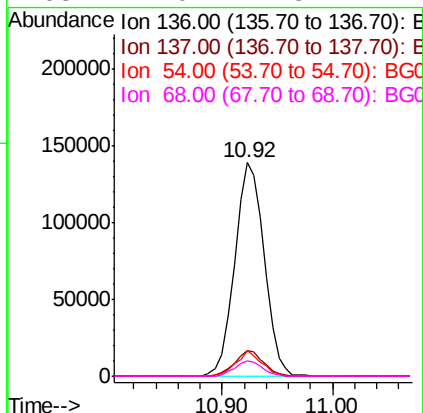
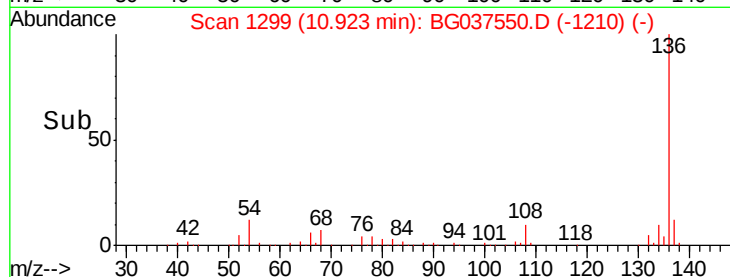
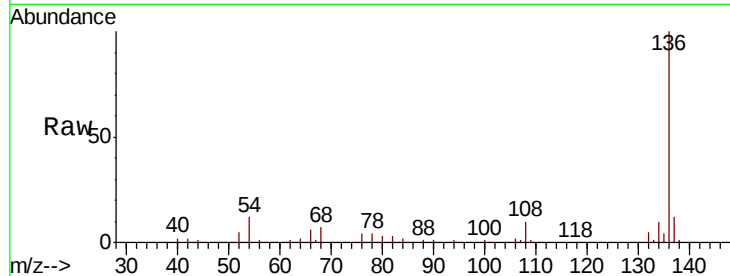




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037550.D
Acq: 25 Oct 2018 18:18

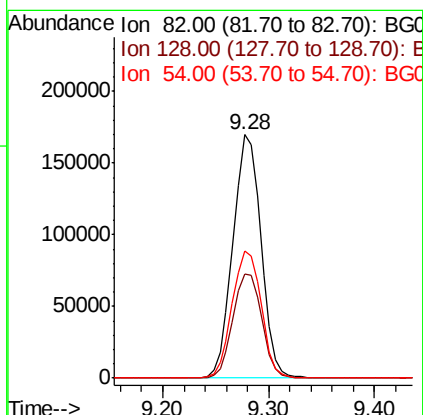
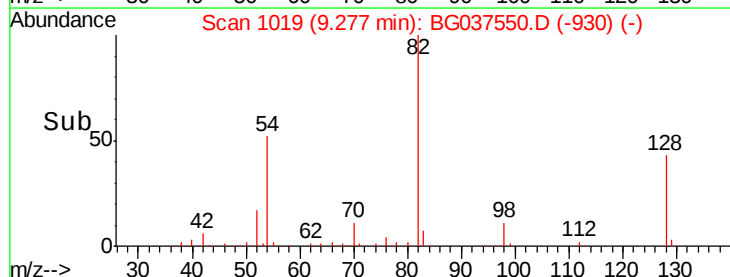
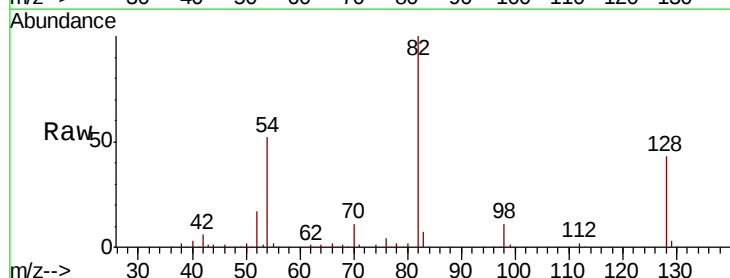
Instrument :
BNA_G
ClientSampleId :
SA-SB-01C

Tot Ion:136	Resp:	260372
Ion	Ratio	Lower Upper
136	100	
137	11.8	9.6 14.4
54	12.1	7.9 11.9#
68	7.0	4.8 7.2



#23
Nitrobenzene-d5
Concen: 67.257 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037550.D
Acq: 25 Oct 2018 18:18

Tgt Ion: 82	Resp:	312607
Ion	Ratio	Lower Upper
82	100	
128	42.7	34.6 51.8
54	52.0	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037550.D

Acq: 25 Oct 2018 18:18

Instrument :

BNA_G

ClientSampleId :

SA-SB-01C

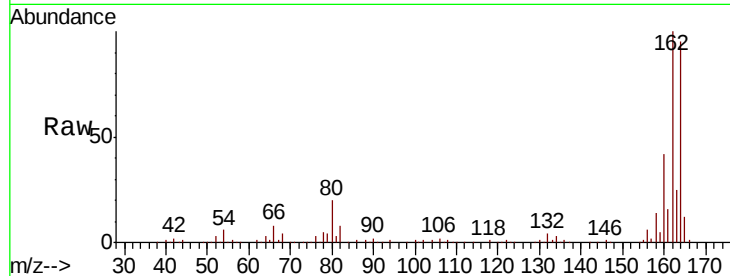
Tot Ion:164 Resp: 179779

Ion Ratio Lower Upper

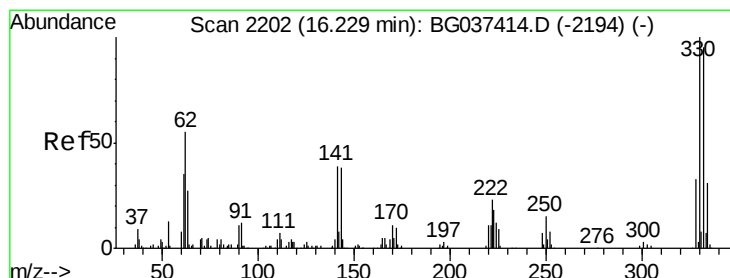
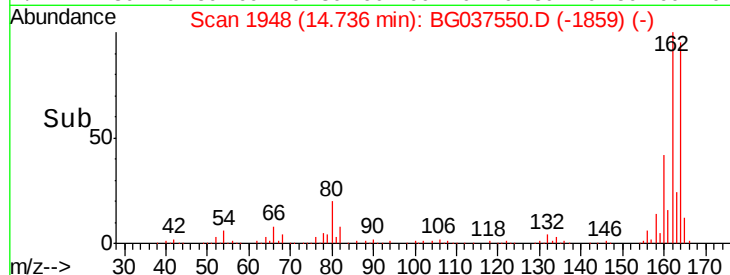
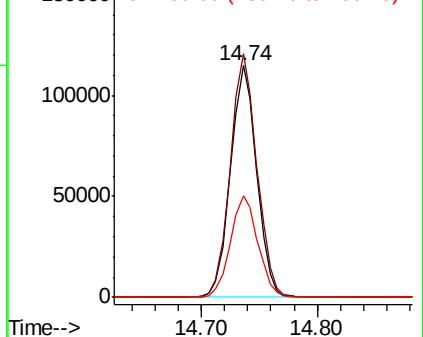
164 100

162 105.0 81.3 121.9

160 43.7 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: 90.391 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037550.D

Acq: 25 Oct 2018 18:18

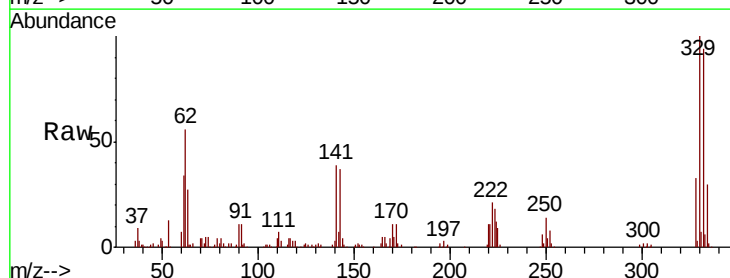
Tgt Ion:330 Resp: 177242

Ion Ratio Lower Upper

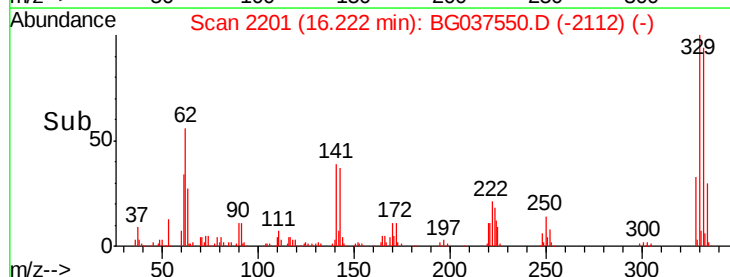
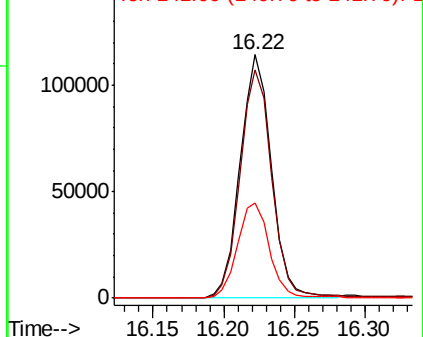
330 100

332 96.2 78.4 117.6

141 40.6 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

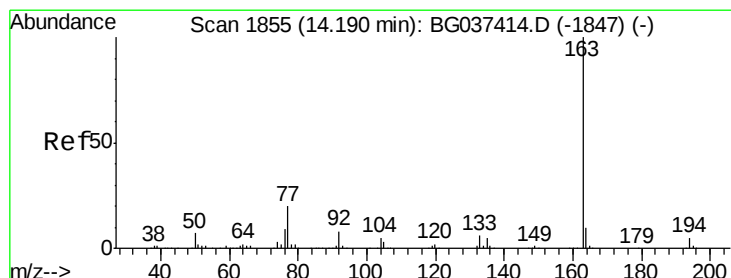
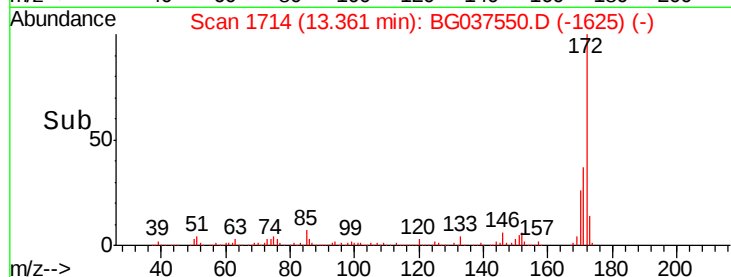
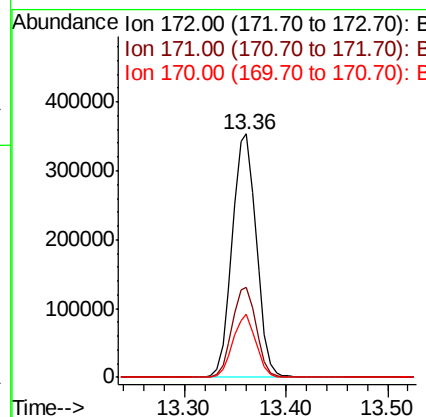
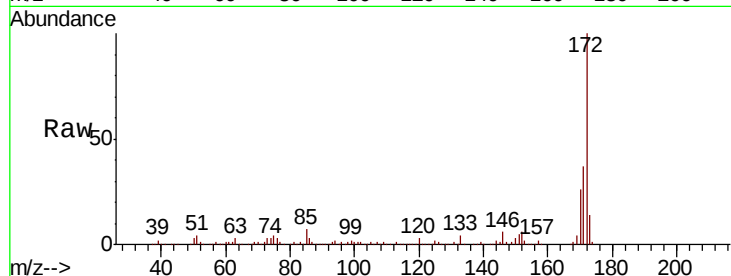




#45
2-Fluorobiphenyl
Concen: 49.059 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037550.D
Acq: 25 Oct 2018 18:18

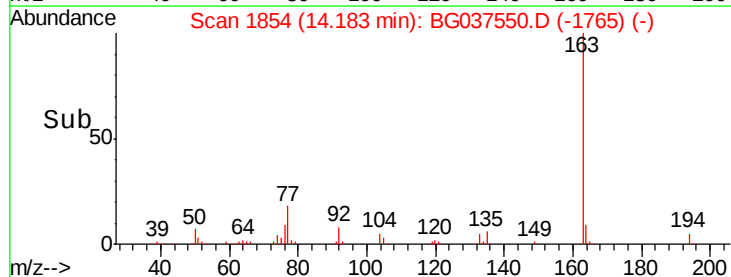
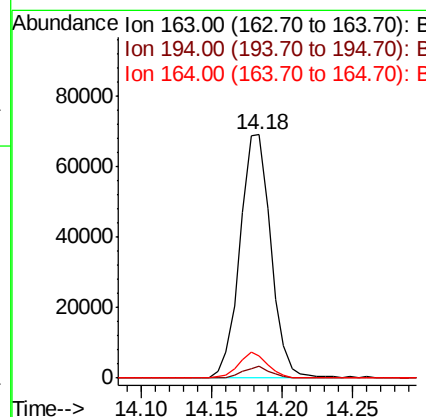
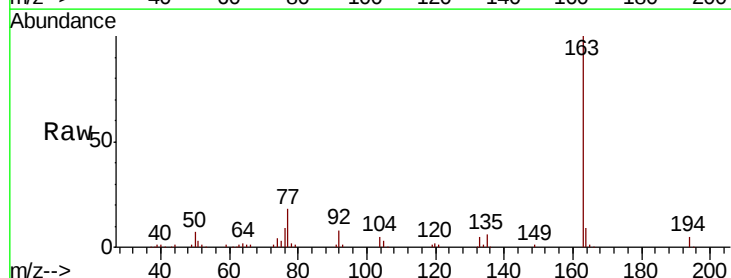
Instrument :
BNA_G
ClientSampleId :
SA-SB-01C

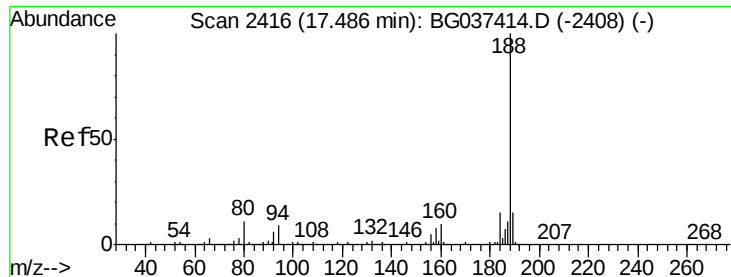
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.0	46.4
170	26.1	20.2	30.2



#50
Dimethylphthalate
Concen: 7.626 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG037550.D
Acq: 25 Oct 2018 18:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.5	5.3
164	9.1	8.5	12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037550.D

Acq: 25 Oct 2018 18:18

Instrument :

BNA_G

ClientSampleId :

SA-SB-01C

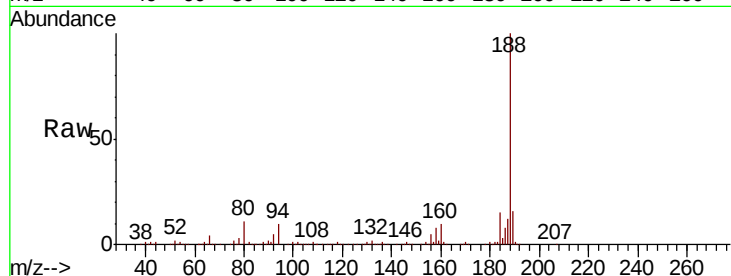
Tot Ion:188 Resp: 431431

Ion Ratio Lower Upper

188 100

94 9.8 7.2 10.8

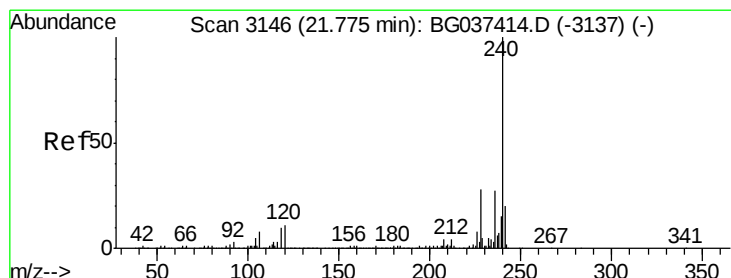
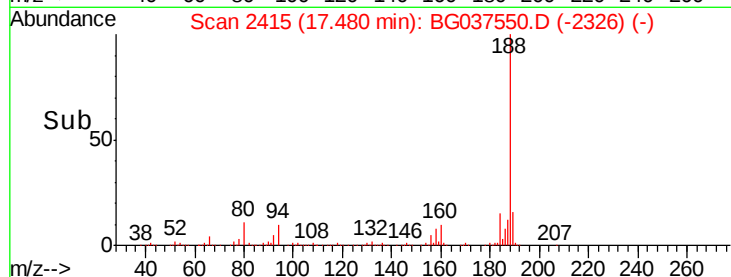
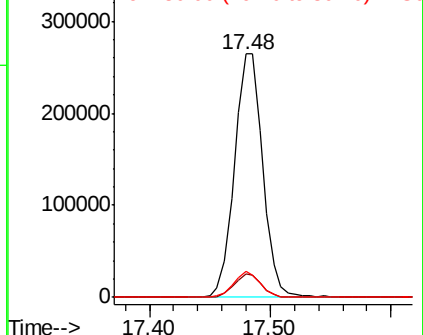
80 10.5 7.7 11.5



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: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037550.D

Acq: 25 Oct 2018 18:18

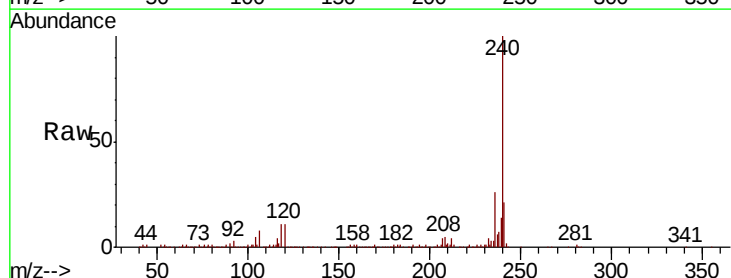
Tgt Ion:240 Resp: 391719

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

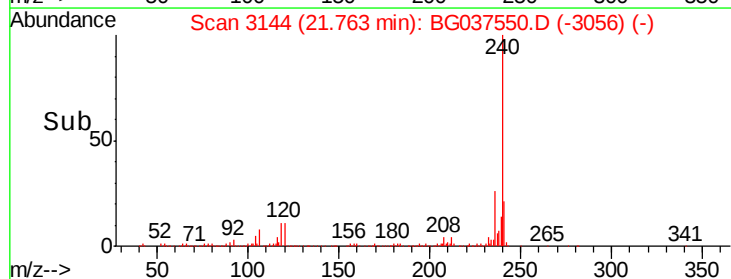
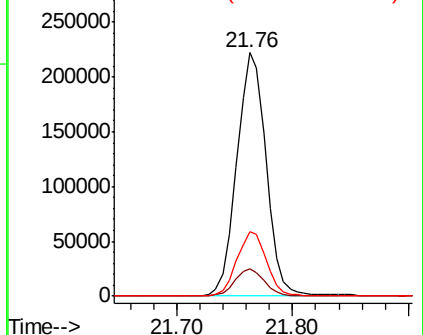
236 26.4 21.4 32.0

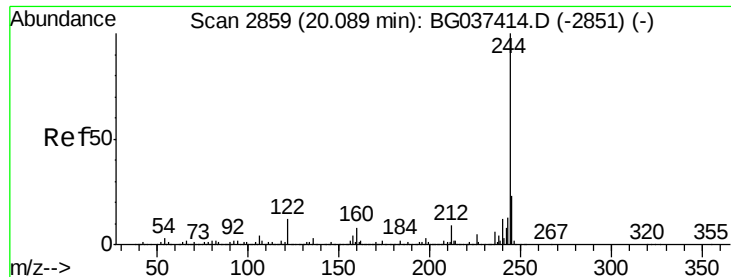


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 51.676 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037550.D

Acq: 25 Oct 2018 18:18

Instrument :

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ClientSampleId :

SA-SB-01C

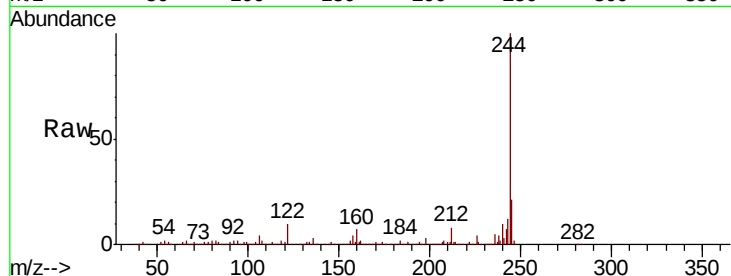
Tot Ion:244 Resp: 947345

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

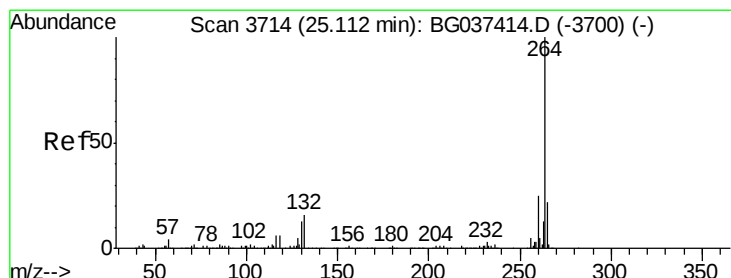
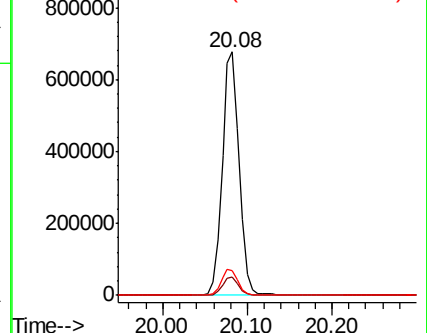
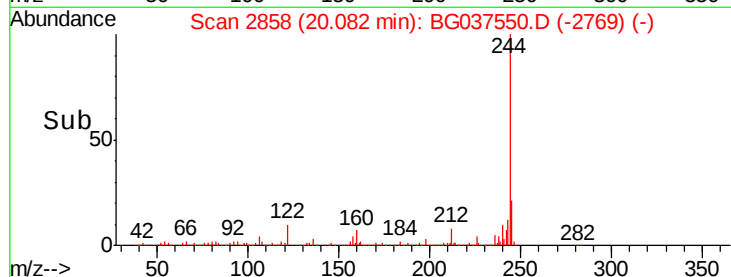
122 10.2 9.0 13.4



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: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037550.D

Acq: 25 Oct 2018 18:18

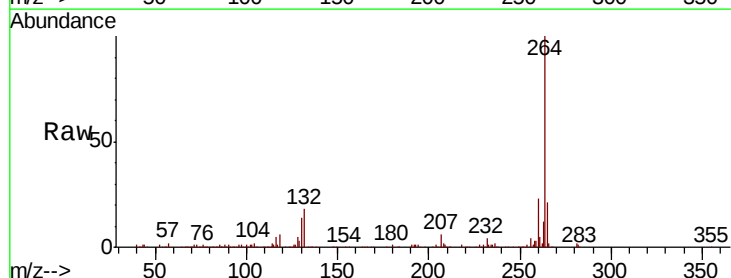
Tgt Ion:264 Resp: 388910

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 20.8 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

