

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
 Data File : BG037679.D
 Acq On : 31 Oct 2018 8:19
 Operator : JU/SJ
 Sample : J5722-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 102618-TIPC-F-D-B

Quant Time: Oct 31 09:31:27 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

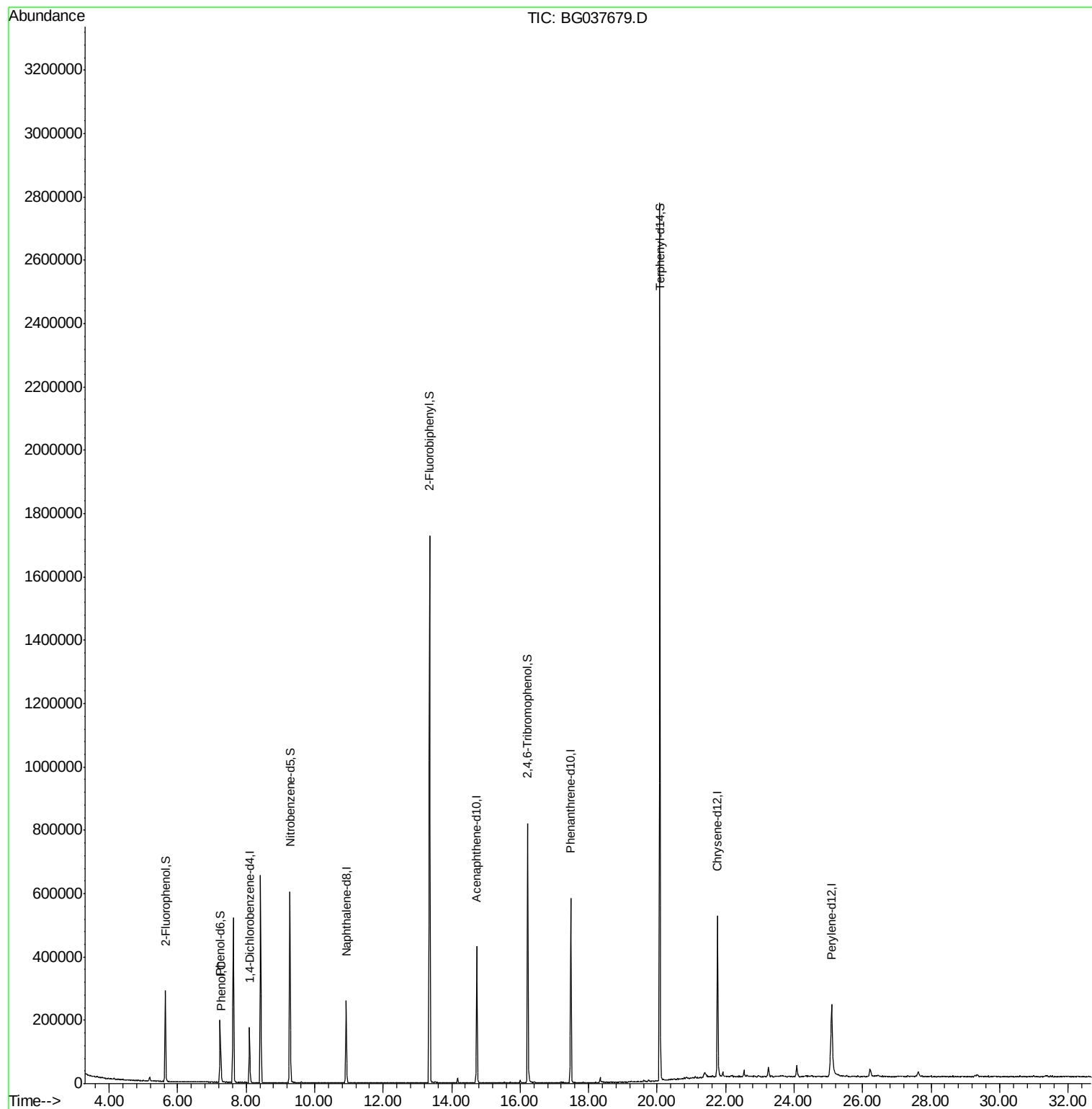
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	52730	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	232294	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	158294	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	367635	20.00	ng	0.00
76) Chrysene-d12	21.76	240	331631	20.00	ng	-0.01
87) Perylene-d12	25.10	264	301098	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	134953	42.79	ng	0.00
7) Phenol-d6	7.24	99	124501	26.11	ng	-0.01
23) Nitrobenzene-d5	9.28	82	390686	94.22	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	153445	88.88	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	930812	88.67	ng	-0.01
79) Terphenyl-d14	20.08	244	1363304	87.84	ng	-0.01
Target Compounds						
10) Phenol	7.27	94	34223	6.801	ng	Qvalue 98

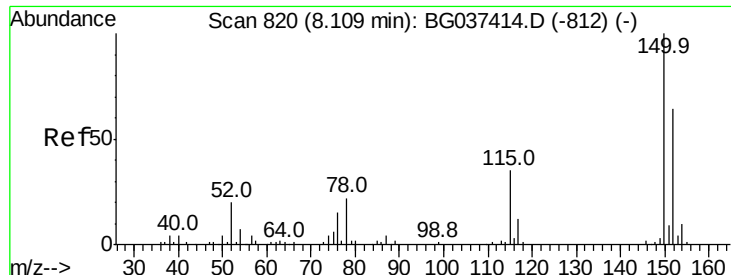
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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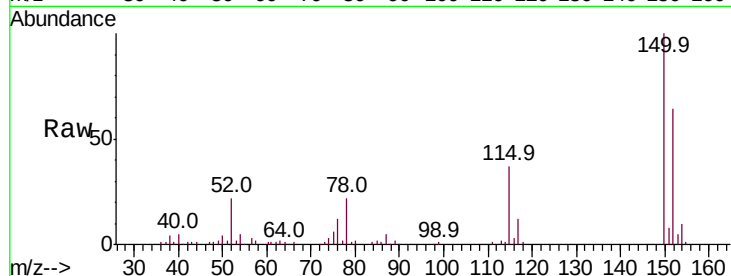


#1

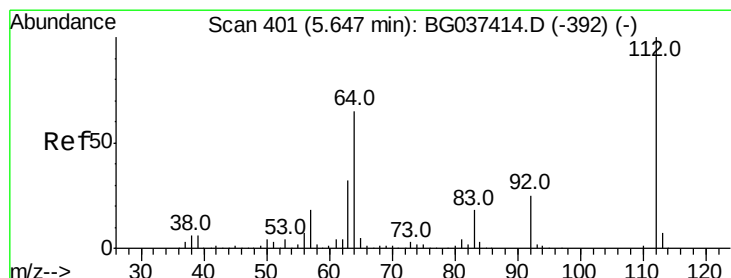
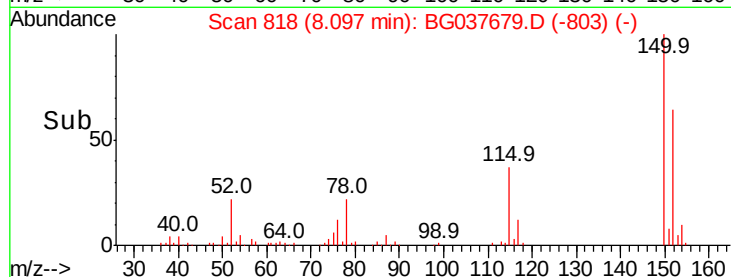
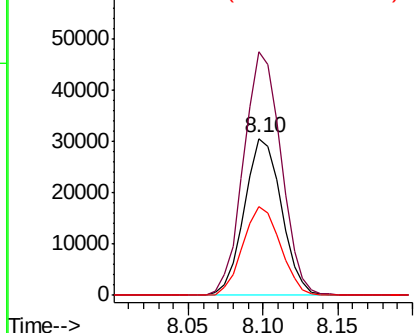
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037679.D
Acq: 31 Oct 2018 8:19

Instrument :
BNA_G
ClientSampleId :
102618-TIPC-F-D-B

Tot Ion:152 Resp: 52730
Ion Ratio Lower Upper
152 100
150 155.3 126.0 189.0
115 56.7 45.5 68.3



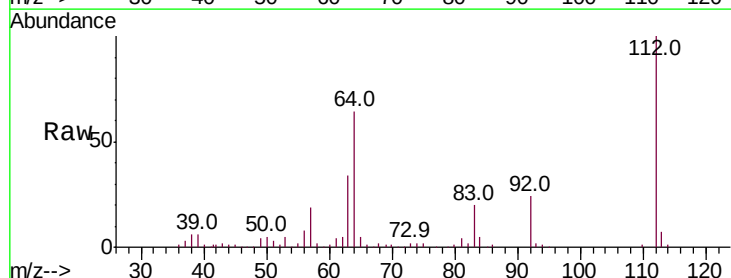
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



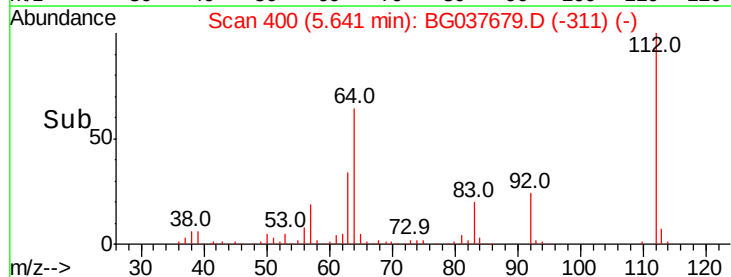
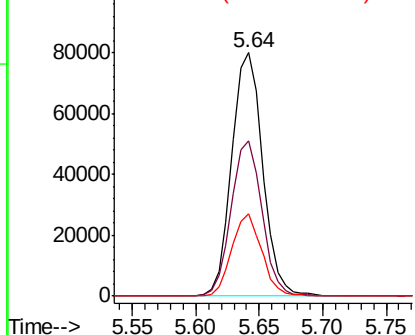
#5

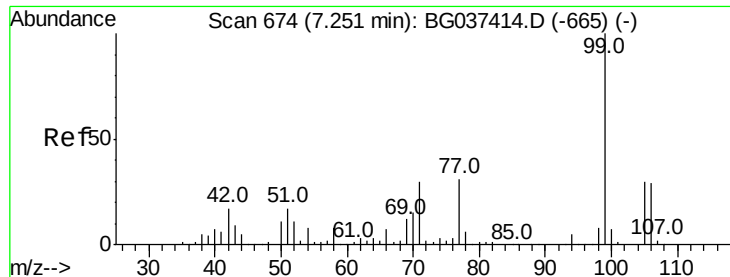
2-Fluorophenol
Concen: 42.788 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037679.D
Acq: 31 Oct 2018 8:19

Tgt Ion:112 Resp: 134953
Ion Ratio Lower Upper
112 100
64 64.0 53.1 79.7
63 33.6 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: 26.105 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037679.D

Acq: 31 Oct 2018 8:19

Instrument :

BNA_G

ClientSampleId :

102618-TIPC-F-D-B

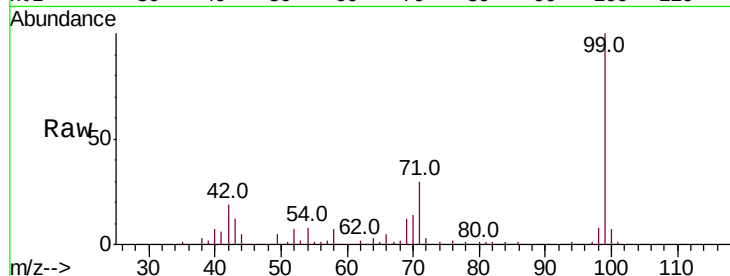
Tot Ion: 99 Resp: 124501

Ion Ratio Lower Upper

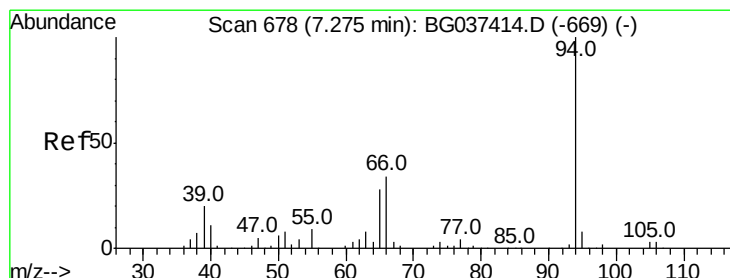
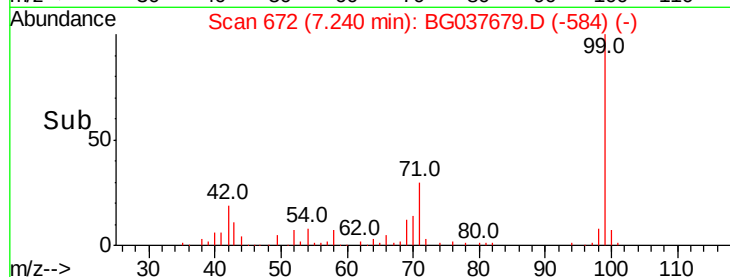
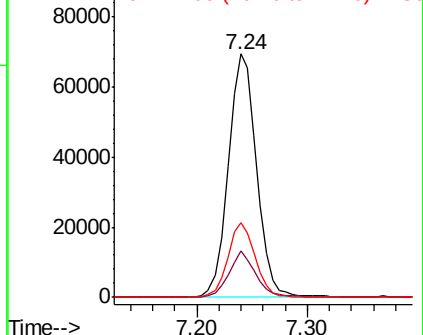
99 100

42 19.2 15.0 22.4

71 30.5 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: 6.801 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037679.D

Acq: 31 Oct 2018 8:19

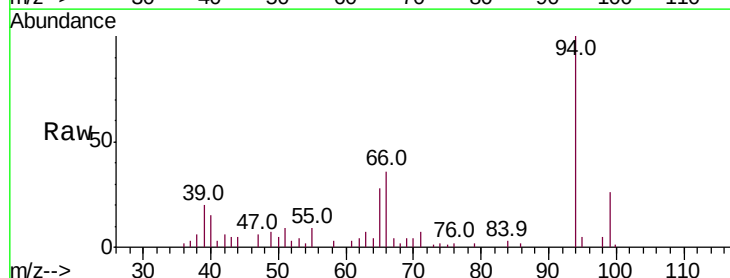
Tgt Ion: 94 Resp: 34223

Ion Ratio Lower Upper

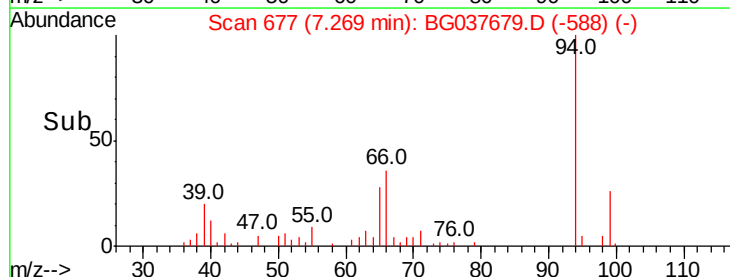
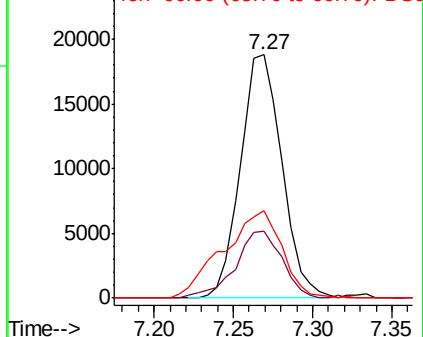
94 100

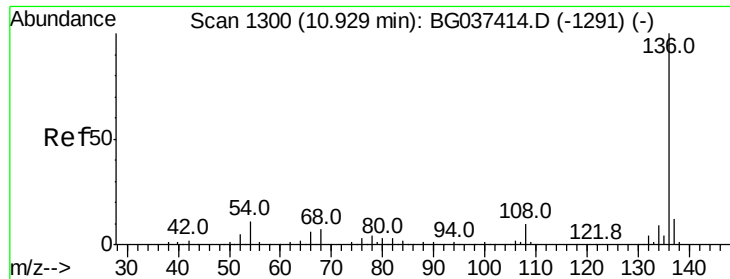
65 27.5 9.7 49.7

66 35.7 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

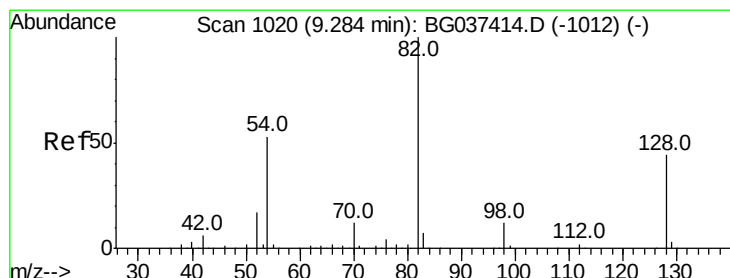
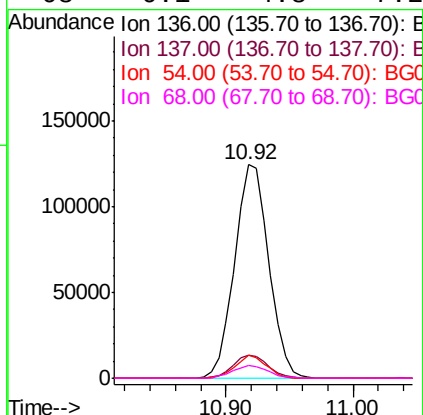
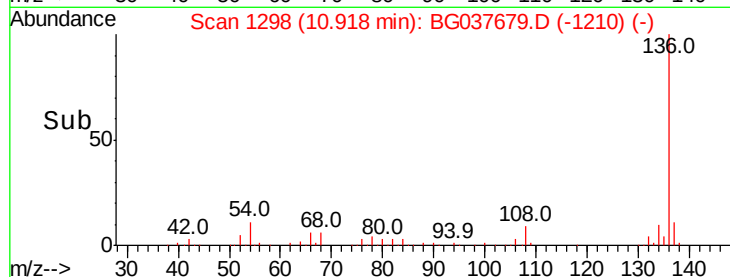
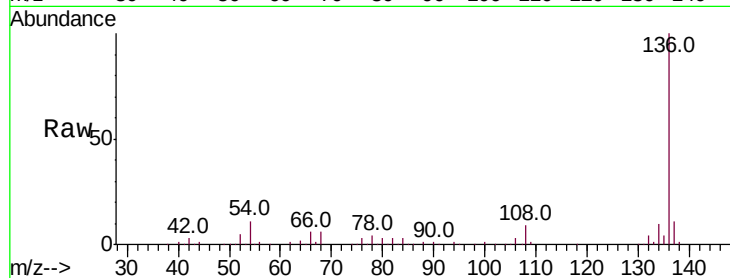




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037679.D
Acq: 31 Oct 2018 8:19

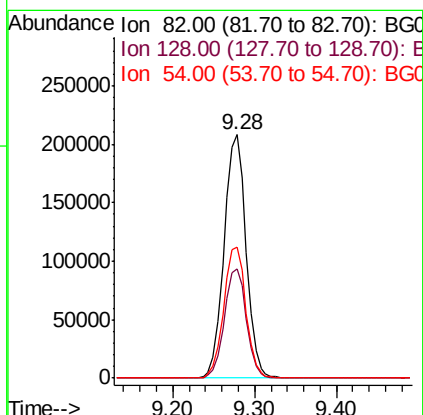
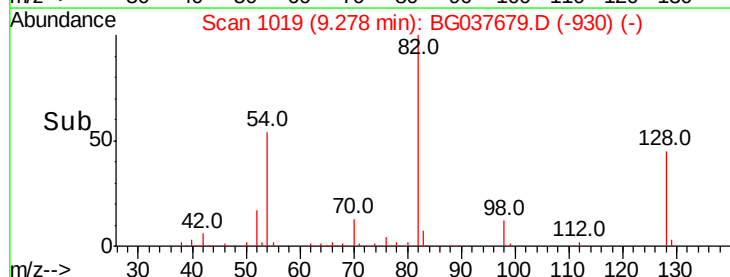
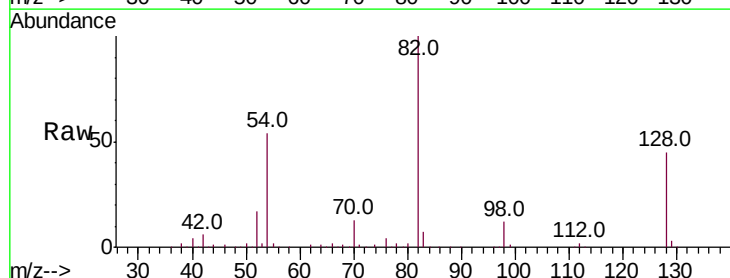
Instrument :
BNA_G
ClientSampleId :
102618-TIPC-F-D-B

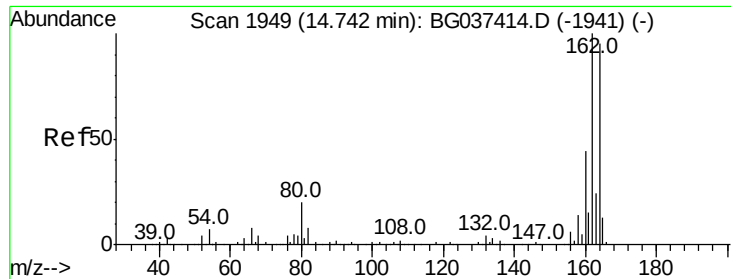
Tot Ion:136	Resp:	232294	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	9.6	14.4	
54 11.0	7.9	11.9	
68 6.1	4.8	7.2	



#23
Nitrobenzene-d5
Concen: 94.216 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037679.D
Acq: 31 Oct 2018 8:19

Tgt Ion: 82	Resp: 390686
Ion Ratio	Lower Upper
82 100	
128 44.9	34.6 51.8
54 53.6	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: BG037679.D

Acq: 31 Oct 2018 8:19

Instrument :

BNA_G

ClientSampleId :

102618-TIPC-F-D-B

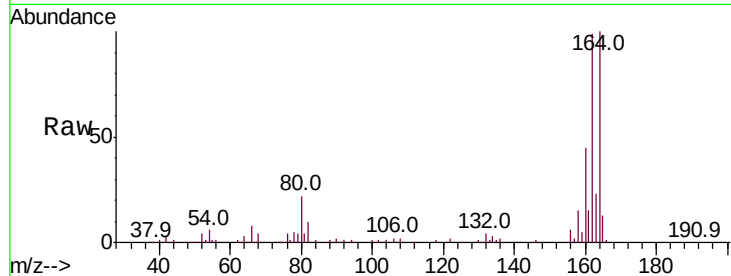
Tot Ion:164 Resp: 158294

Ion Ratio Lower Upper

164 100

162 99.2 81.3 121.9

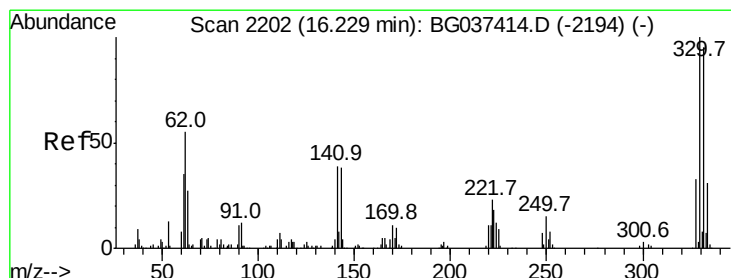
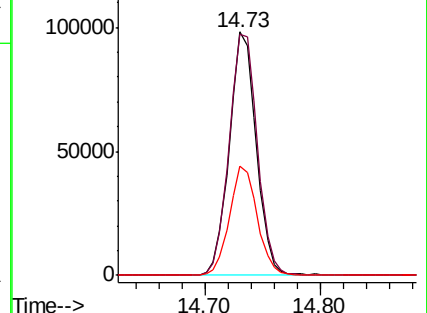
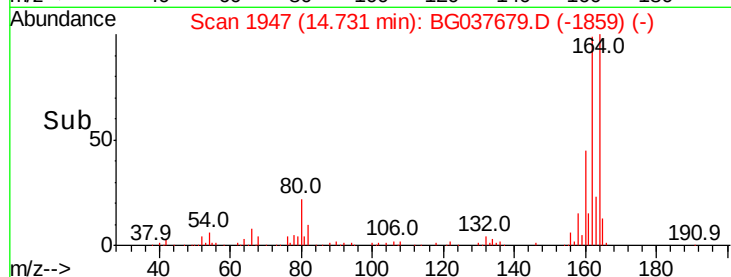
160 44.9 36.3 54.5



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: 88.877 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037679.D

Acq: 31 Oct 2018 8:19

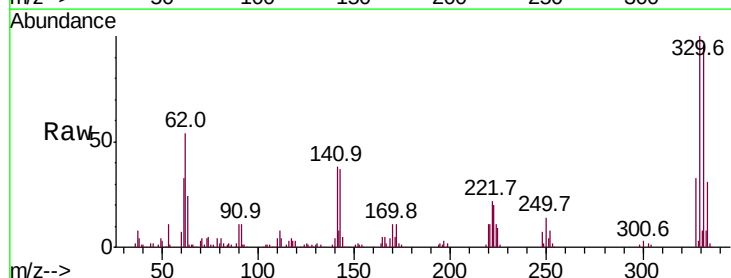
Tgt Ion:330 Resp: 153445

Ion Ratio Lower Upper

330 100

332 96.0 78.4 117.6

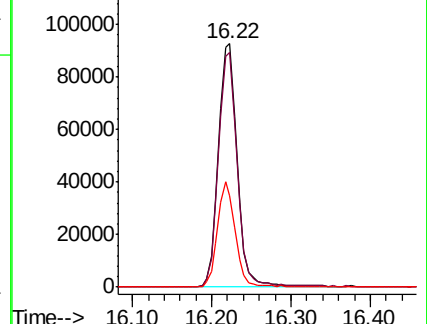
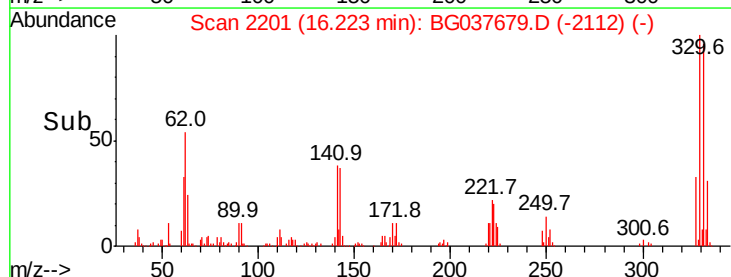
141 40.8 32.2 48.2

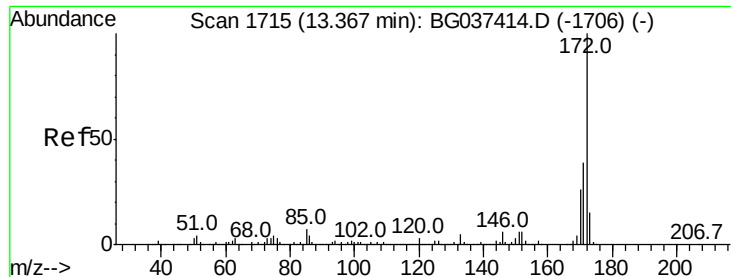


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

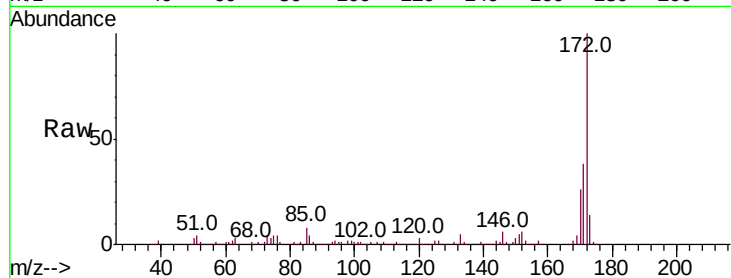




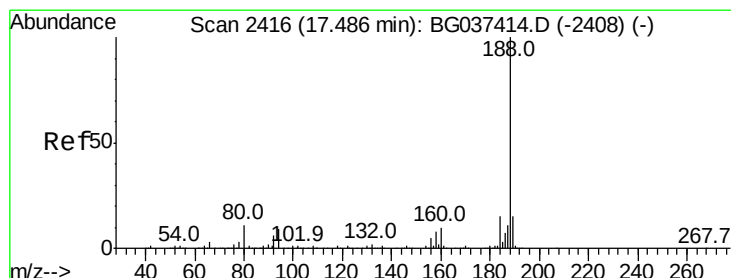
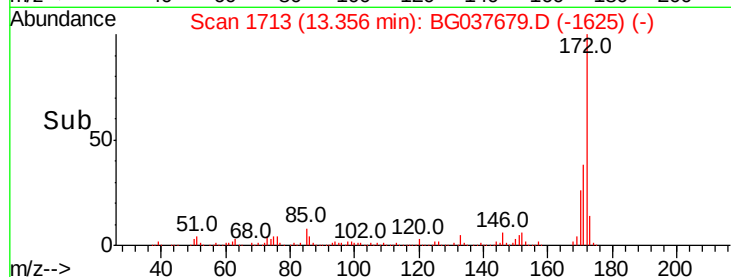
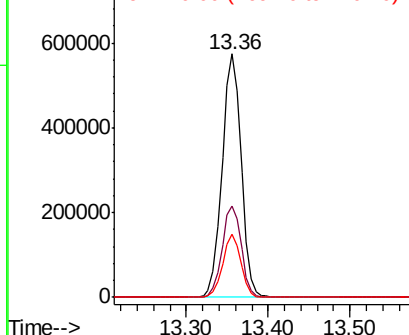
#45
 2-Fluorobiphenyl
 Concen: 88.671 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037679.D
 Acq: 31 Oct 2018 8:19

Instrument :
 BNA_G
 ClientSampleId :
 102618-TIPC-F-D-B

Tot Ion:172 Resp: 930812
 Ion Ratio Lower Upper
 172 100
 171 37.7 31.0 46.4
 170 25.7 20.2 30.2

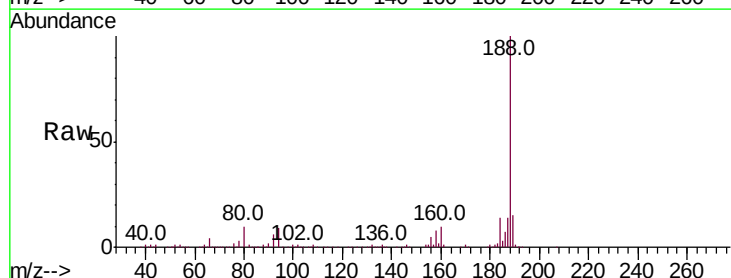


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

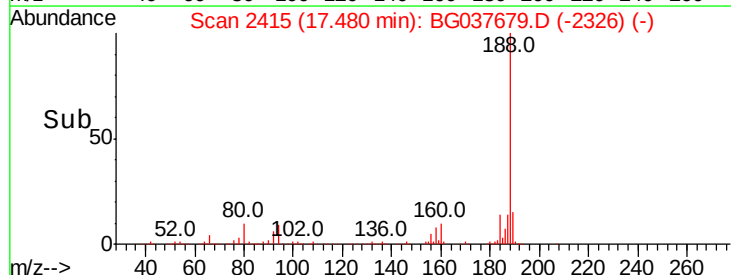
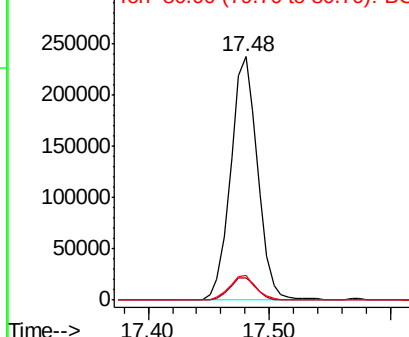


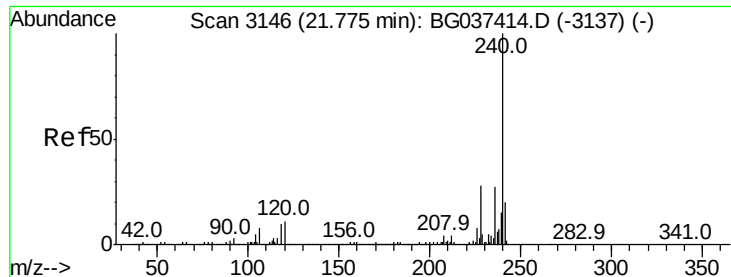
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037679.D
 Acq: 31 Oct 2018 8:19

Tgt Ion:188 Resp: 367635
 Ion Ratio Lower Upper
 188 100
 94 9.0 7.2 10.8
 80 10.3 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

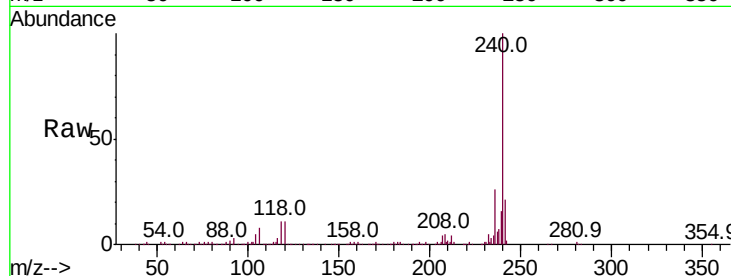




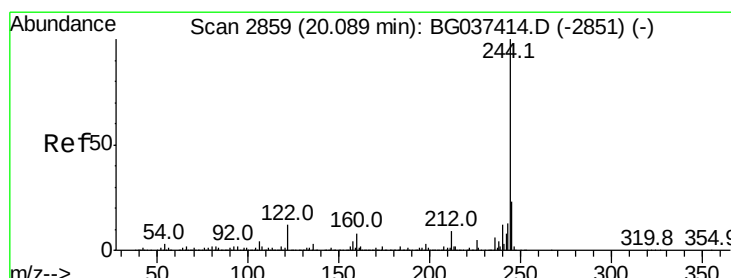
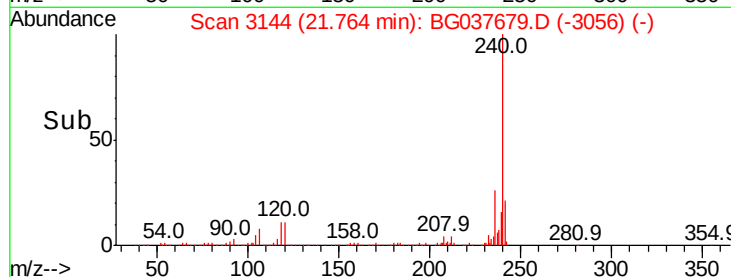
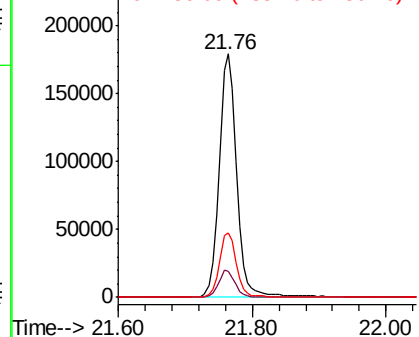
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG037679.D
 Acq: 31 Oct 2018 8:19

Instrument :
 BNA_G
 ClientSampleId :
 102618-TIPC-F-D-B

Tot Ion:240 Resp: 331631
 Ion Ratio Lower Upper
 240 100
 120 10.7 8.1 12.1
 236 26.3 21.4 32.0

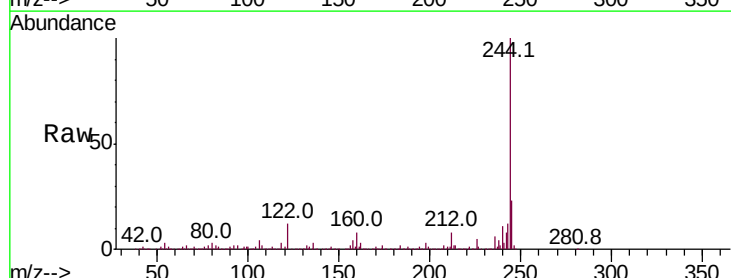


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

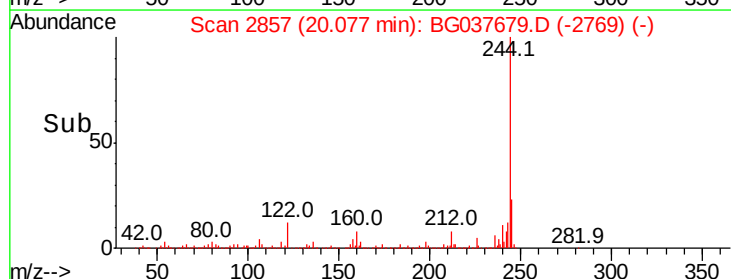
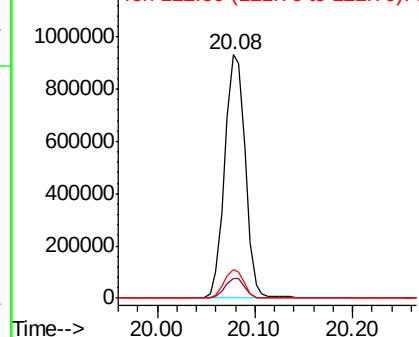


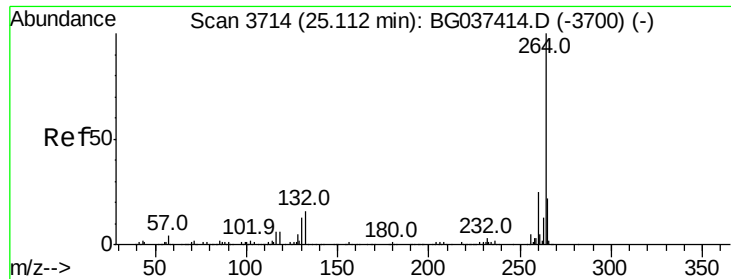
#79
 Terphenyl-d14
 Concen: 87.840 ng
 RT: 20.08 min Scan# 2857
 Delta R.T. -0.01 min
 Lab File: BG037679.D
 Acq: 31 Oct 2018 8:19

Tgt Ion:244 Resp: 1363304
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 11.6 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# 3711
Delta R.T. -0.02 min
Lab File: BG037679.D
Acq: 31 Oct 2018 8:19

Instrument :
BNA_G
ClientSampleId :
102618-TIPC-F-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.2	27.4
265	20.3	17.9	26.9

