

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037751.D
 Acq On : 2 Nov 2018 12:07
 Operator : JU/SJ
 Sample : J5741-34
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

Quant Time: Nov 02 14:33:40 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

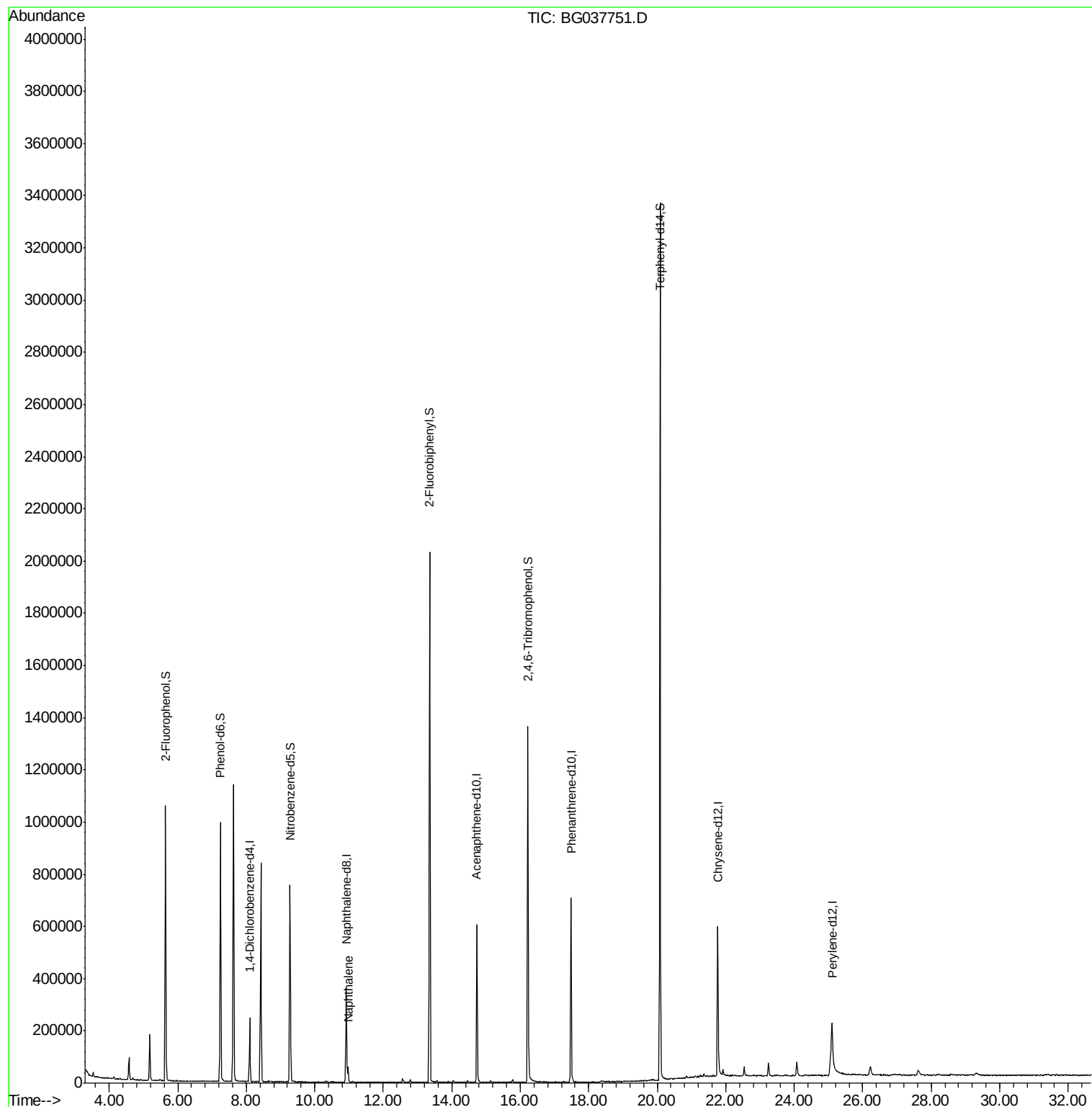
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	72452	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	324894	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	213000	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	463191	20.00	ng	0.00
76) Chrysene-d12	21.77	240	409001	20.00	ng	0.00
87) Perylene-d12	25.10	264	311278	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	494994	114.22	ng	0.00
7) Phenol-d6	7.24	99	663474	101.25	ng	0.00
23) Nitrobenzene-d5	9.27	82	479596	82.69	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	273140	117.57	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1147705	81.25	ng	0.00
79) Terphenyl-d14	20.08	244	1655343	86.48	ng	0.00
Target Compounds						
31) Naphthalene	10.97	128	51731	3.242	ng	Qvalue 99

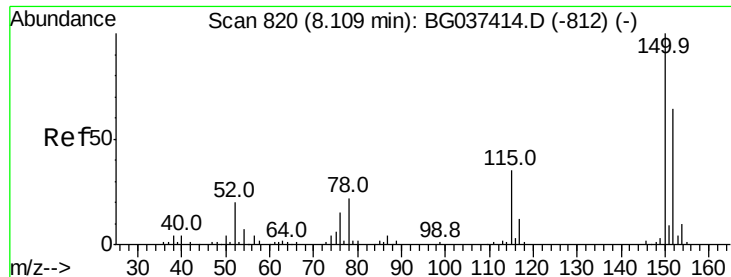
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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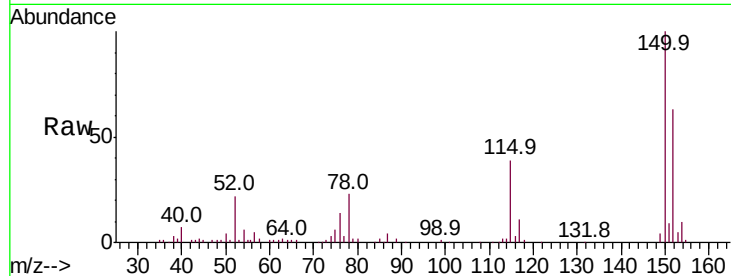


#1

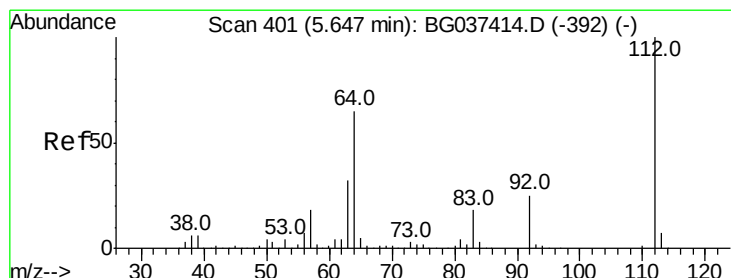
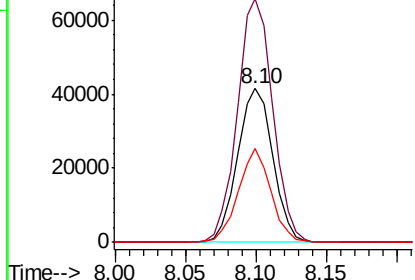
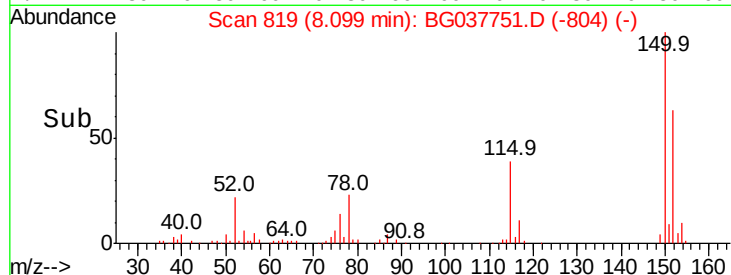
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037751.D
Acq: 2 Nov 2018 12:07

Instrument :
BNA_G
ClientSampleId :
TP-8

Tot Ion:152 Resp: 72452
Ion Ratio Lower Upper
152 100
150 158.5 126.0 189.0
115 61.3 45.5 68.3



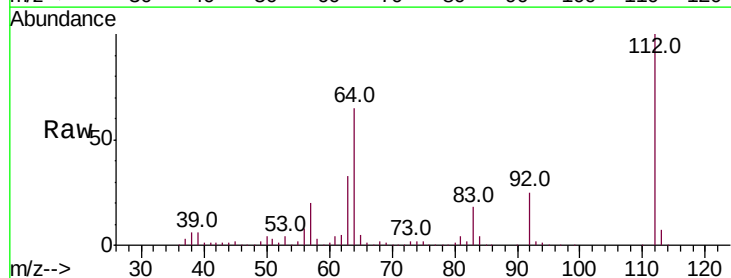
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



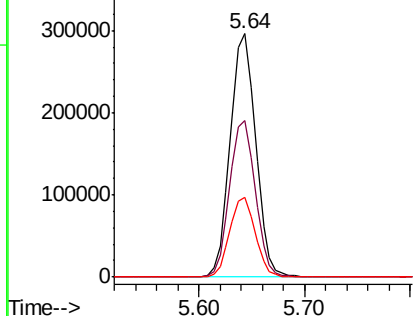
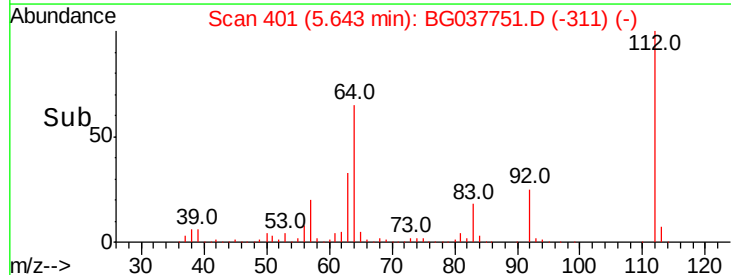
#5

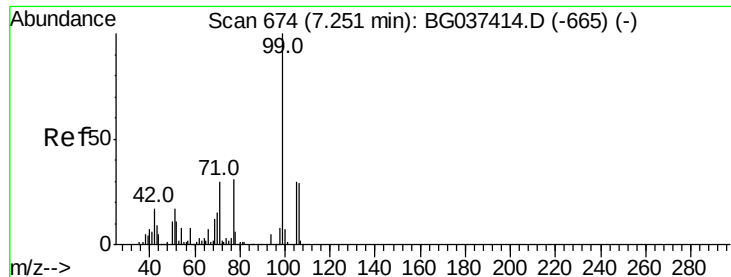
2-Fluorophenol
Concen: 114.221 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037751.D
Acq: 2 Nov 2018 12:07

Tgt Ion:112 Resp: 494994
Ion Ratio Lower Upper
112 100
64 64.5 53.1 79.7
63 32.7 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: 101.247 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037751.D

Acq: 2 Nov 2018 12:07

Instrument :

BNA_G

ClientSampleId :

TP-8

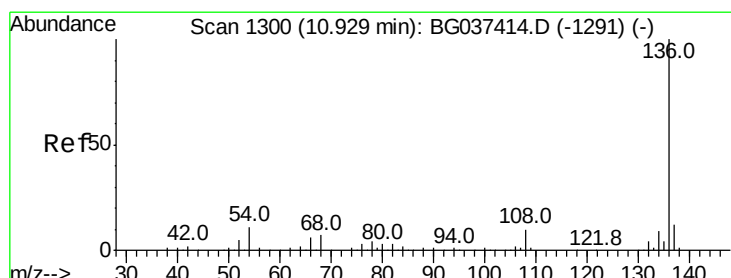
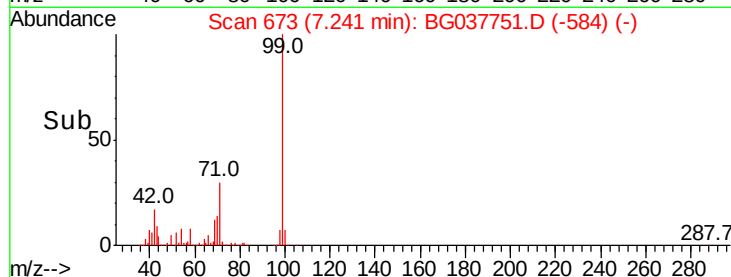
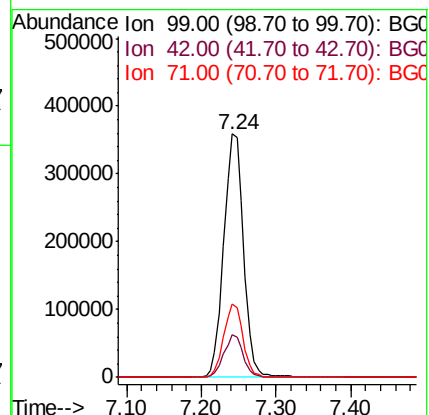
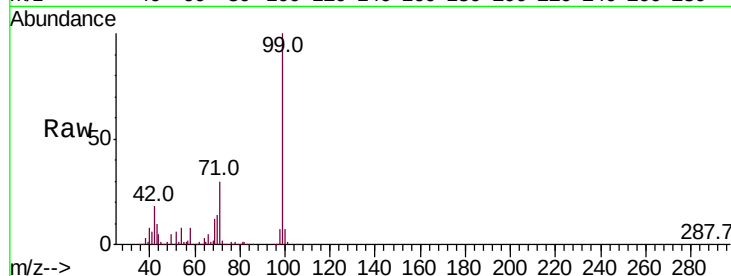
Tot Ion: 99 Resp: 663474

Ion Ratio Lower Upper

99 100

42 17.6 15.0 22.4

71 30.2 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG037751.D

Acq: 2 Nov 2018 12:07

Tgt Ion: 136 Resp: 324894

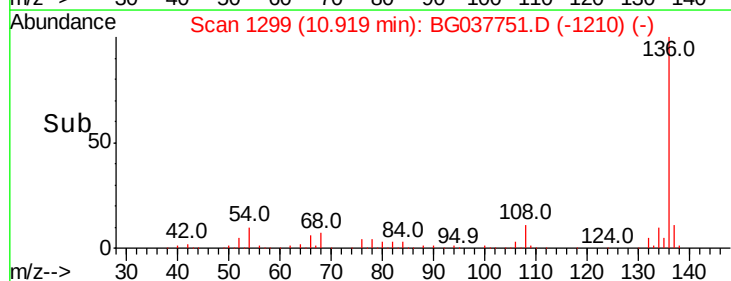
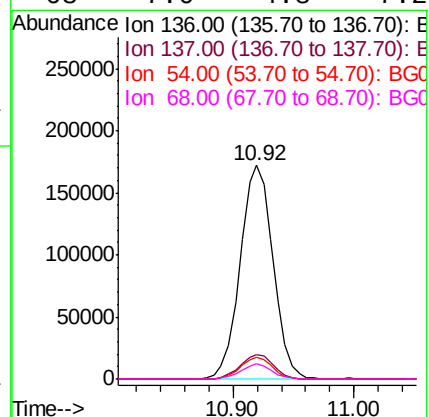
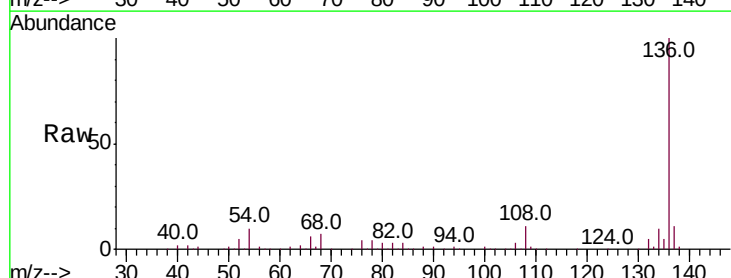
Ion Ratio Lower Upper

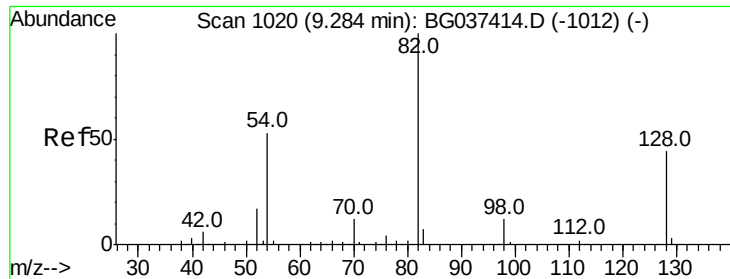
136 100

137 11.2 9.6 14.4

54 10.1 7.9 11.9

68 7.0 4.8 7.2

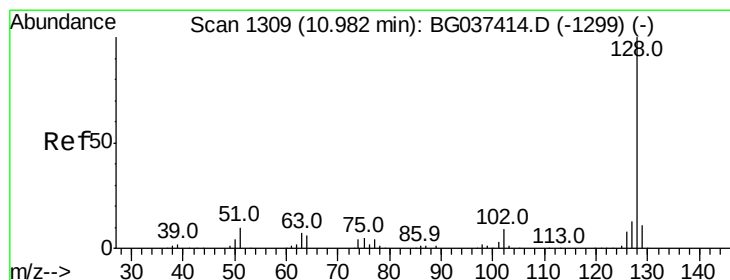
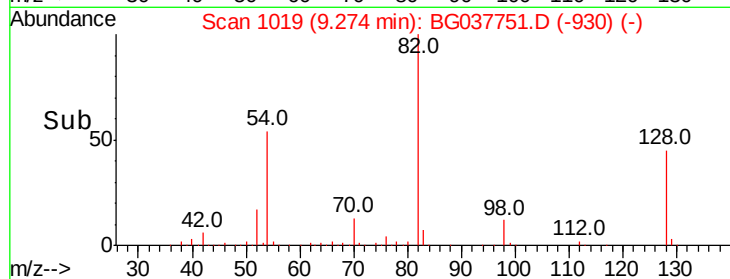
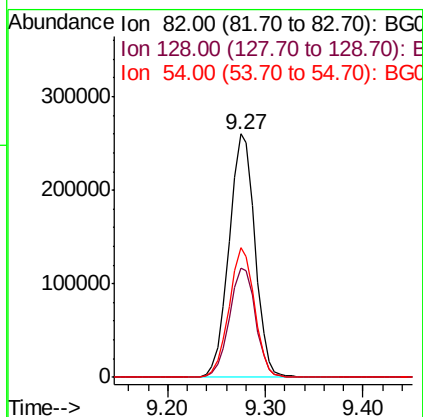
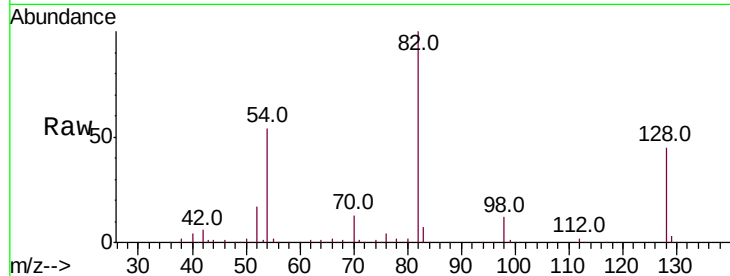




#23
 Nitrobenzene-d5
 Concen: 82.693 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037751.D
 Acq: 2 Nov 2018 12:07

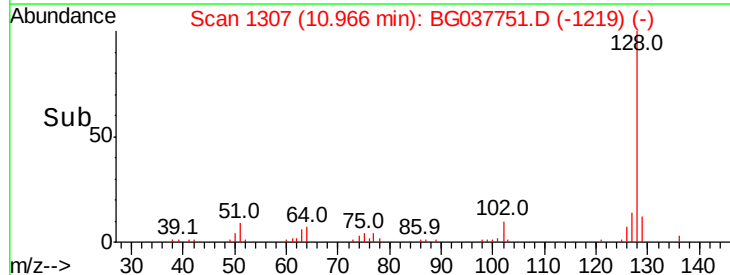
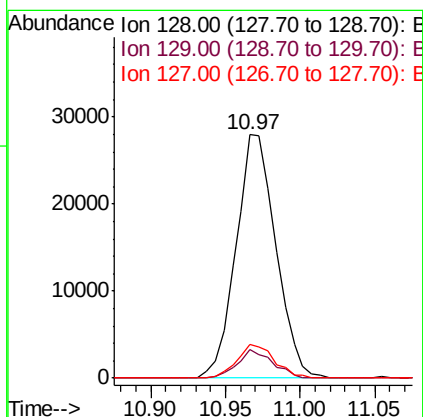
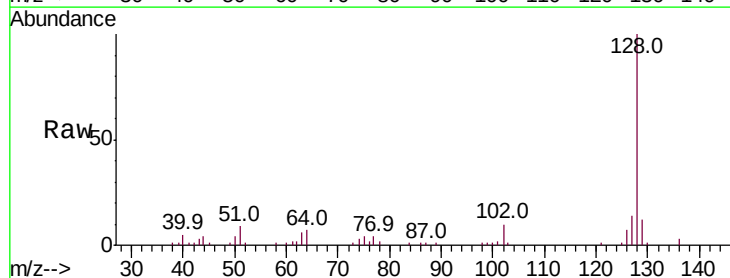
Instrument :
 BNA_G
 ClientSampleID :
 TP-8

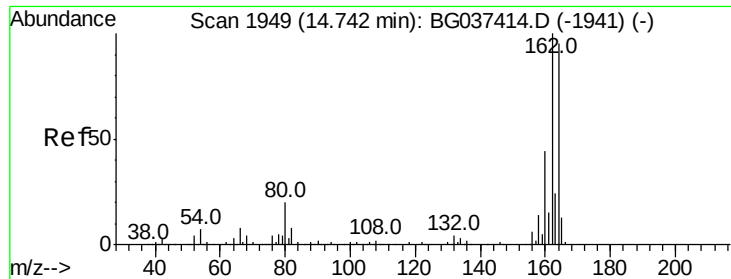
Tot Ion: 82 Resp: 479596
 Ion Ratio Lower Upper
 82 100
 128 44.7 34.6 51.8
 54 53.5 45.3 67.9



#31
 Naphthalene
 Concen: 3.242 ng
 RT: 10.97 min Scan# 1307
 Delta R.T. -0.02 min
 Lab File: BG037751.D
 Acq: 2 Nov 2018 12:07

Tgt Ion: 128 Resp: 51731
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.0 13.6
 127 13.8 11.1 16.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037751.D

Acq: 2 Nov 2018 12:07

Instrument :

BNA_G

ClientSampleId :

TP-8

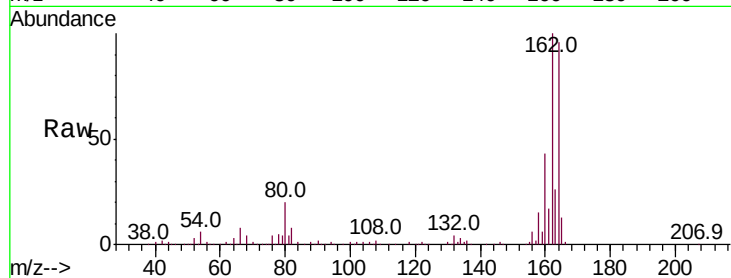
Tot Ion:164 Resp: 213000

Ion Ratio Lower Upper

164 100

162 103.9 81.3 121.9

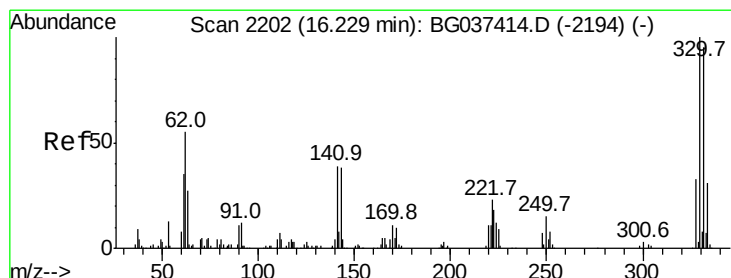
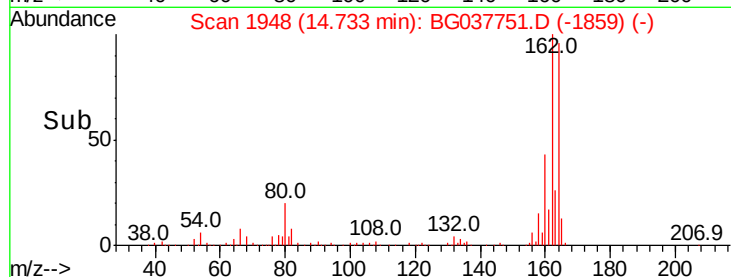
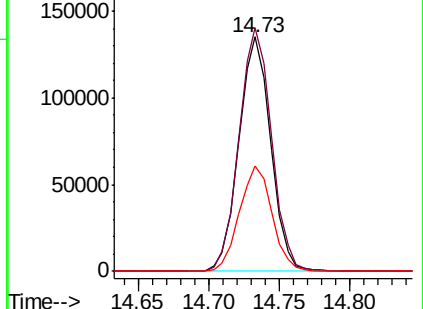
160 44.7 36.3 54.5



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: 117.572 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037751.D

Acq: 2 Nov 2018 12:07

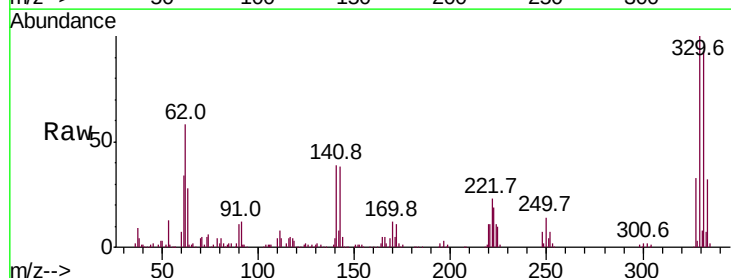
Tgt Ion:330 Resp: 273140

Ion Ratio Lower Upper

330 100

332 92.0 78.4 117.6

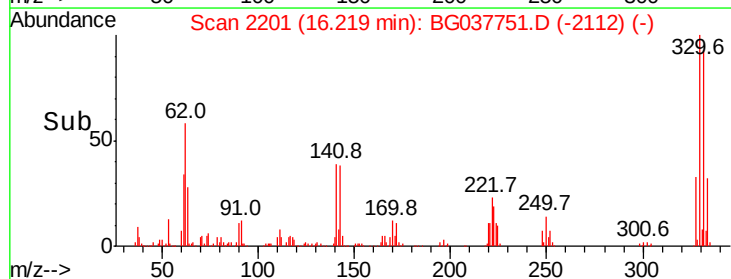
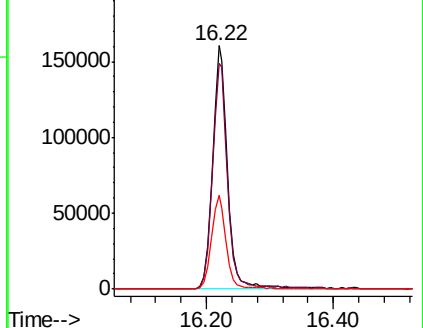
141 37.7 32.2 48.2

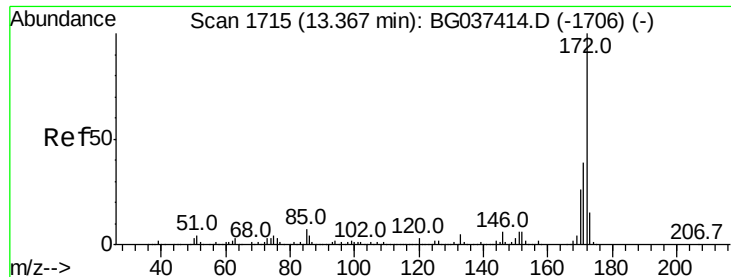


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



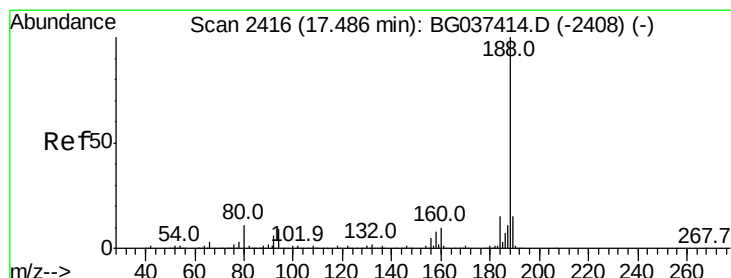
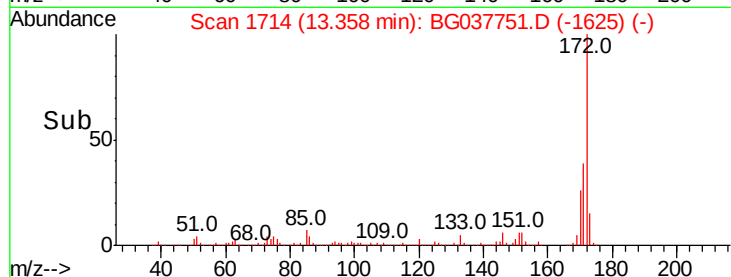
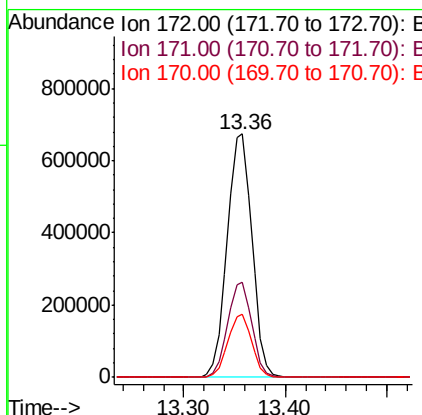
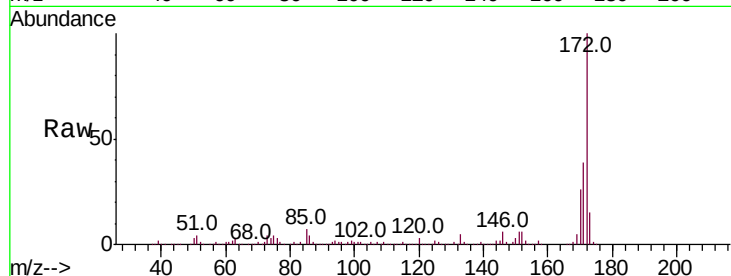


#45
 2-Fluorobiphenyl
 Concen: 81.252 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037751.D
 Acq: 2 Nov 2018 12:07

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

Tot Ion:172 Resp: 1147705

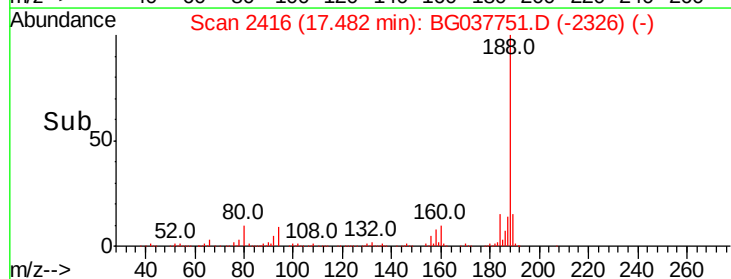
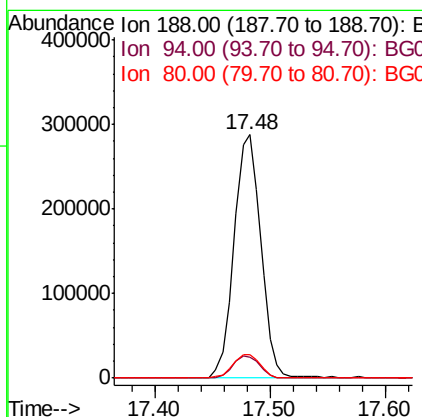
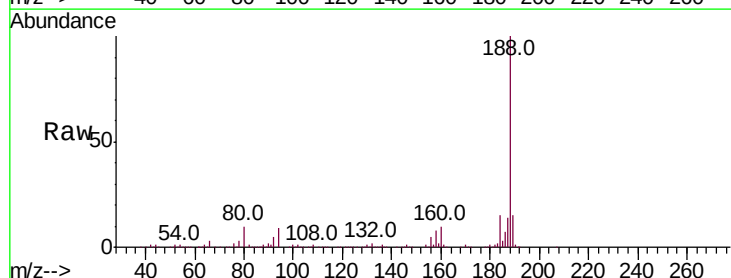
Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.0	46.4
170	25.8	20.2	30.2

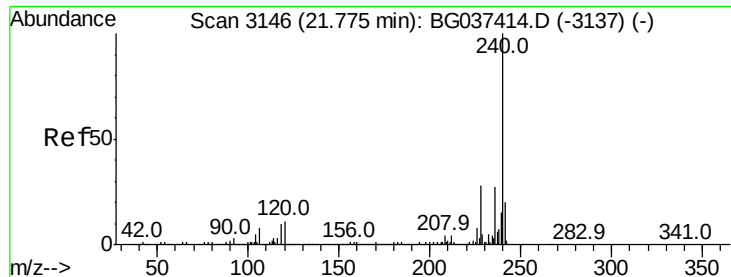


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037751.D
 Acq: 2 Nov 2018 12:07

Tgt Ion:188 Resp: 463191

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.8	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: BG037751.D

Acq: 2 Nov 2018 12:07

Instrument :

BNA_G

ClientSampled :

TP-8

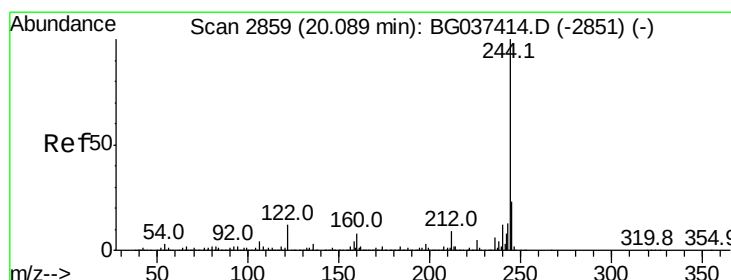
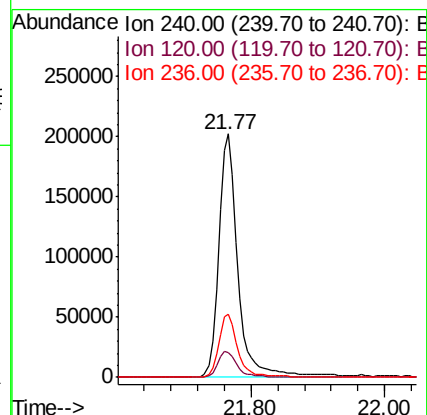
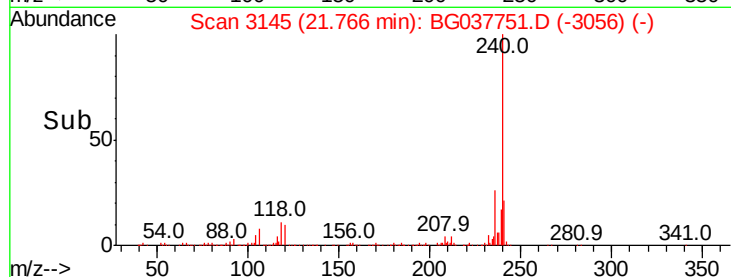
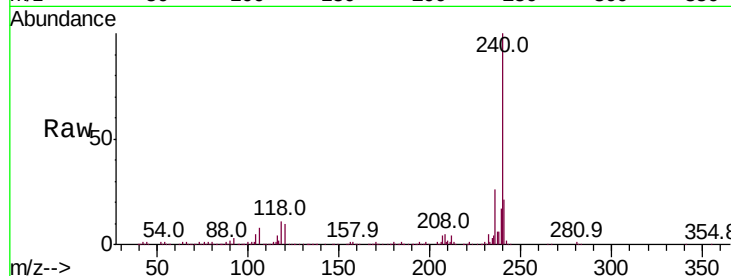
Tot Ion:240 Resp: 409001

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

236 25.8 21.4 32.0



#79

Terphenyl-d14

Concen: 86.481 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037751.D

Acq: 2 Nov 2018 12:07

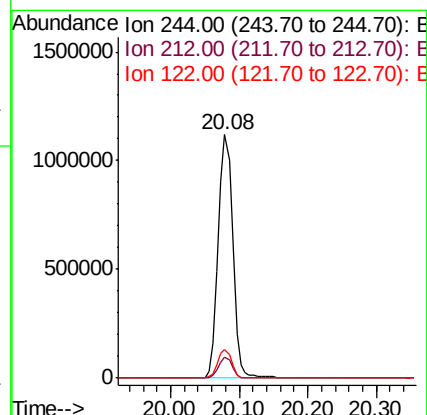
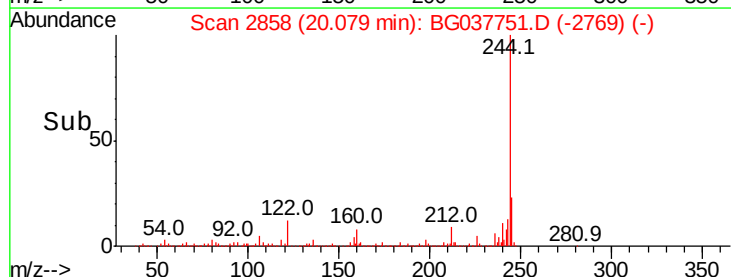
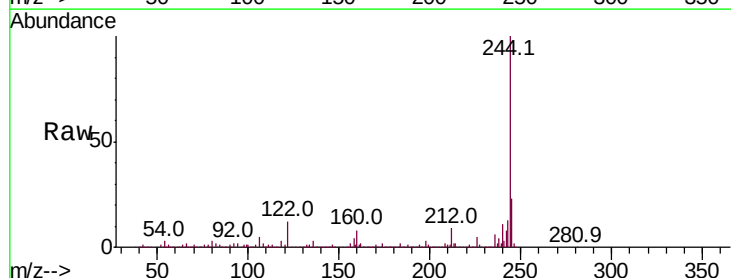
Tgt Ion:244 Resp: 1655343

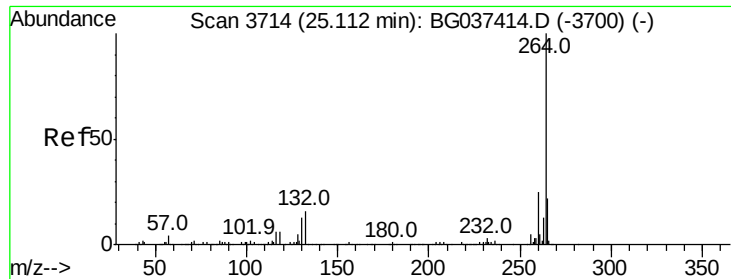
Ion Ratio Lower Upper

244 100

212 8.8 6.5 9.7

122 12.0 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG037751.D
Acq: 2 Nov 2018 12:07

Instrument :
BNA_G
ClientSampleId :
TP-8

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.3	18.2	27.4
265	20.4	17.9	26.9

