

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037727.D
 Acq On : 1 Nov 2018 20:29
 Operator : JU/SJ
 Sample : J5755-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2A

Quant Time: Nov 02 07:41:10 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

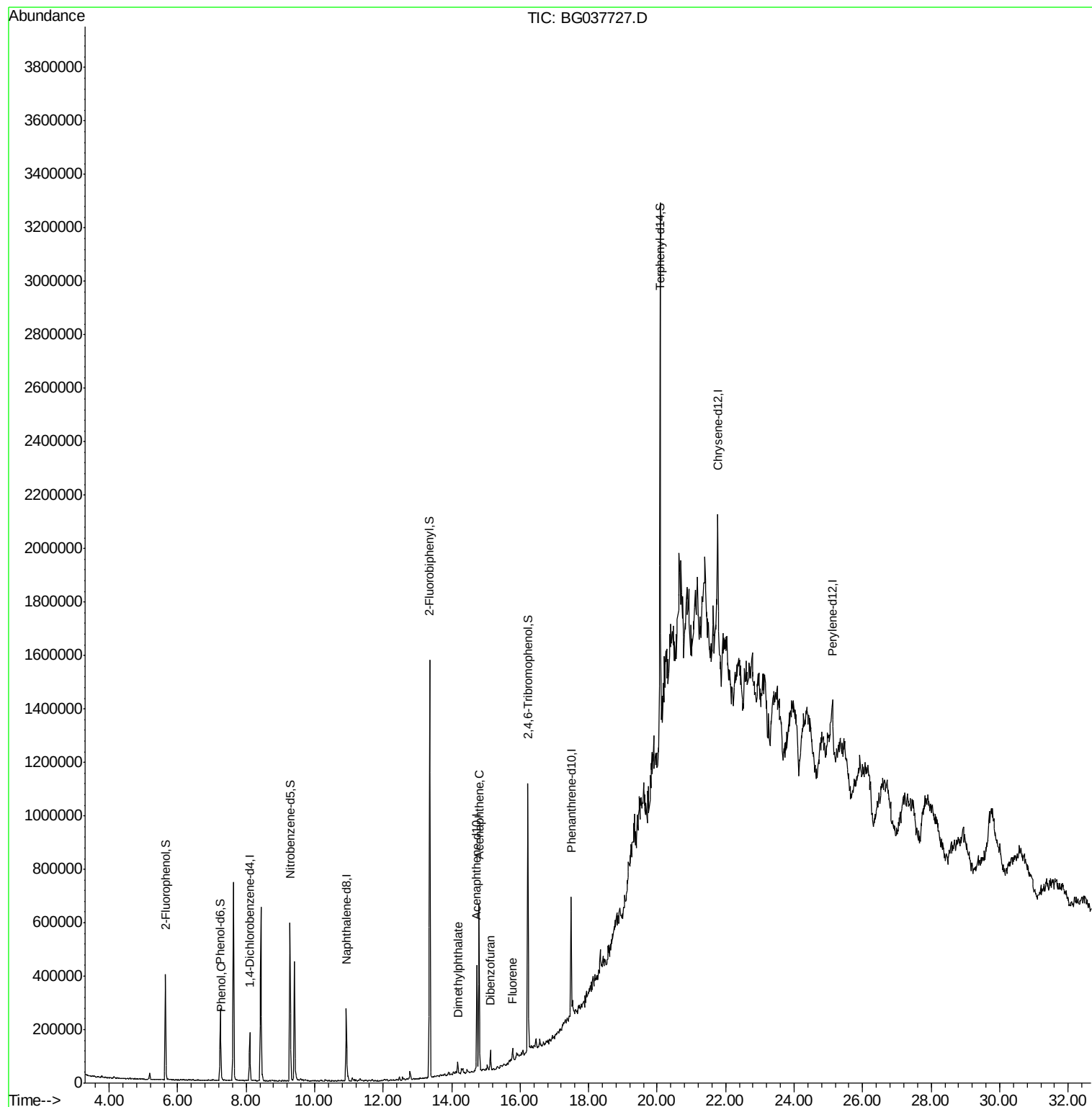
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	52095	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	239183	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	146301	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	277893	20.00	ng	0.00
76) Chrysene-d12	21.77	240	233756	20.00	ng	0.00
87) Perylene-d12	25.11	264	235792	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	178541	57.30	ng	0.00
7) Phenol-d6	7.25	99	169770	36.03	ng	0.00
23) Nitrobenzene-d5	9.28	82	367161	85.99	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	184584	115.68	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	833554	85.92	ng	0.00
79) Terphenyl-d14	20.08	244	965882	88.29	ng	0.00
Target Compounds						
10) Phenol	7.27	94	15113	3.040	ng	91
50) Dimethylphthalate	14.18	163	31806	2.810	ng	# 98
52) Acenaphthene	14.80	154	240165	28.281	ng	99
55) Dibenzofuran	15.14	168	51001	3.625	ng	99
58) Fluorene	15.78	166	21840	2.073	ng	# 93

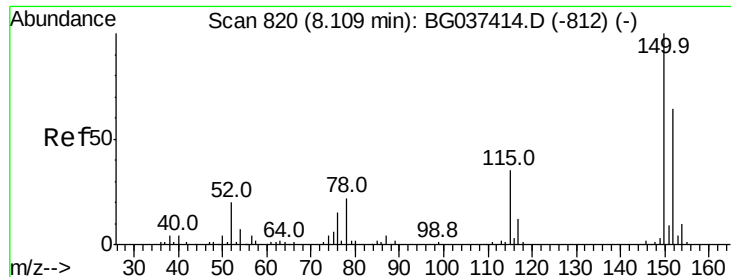
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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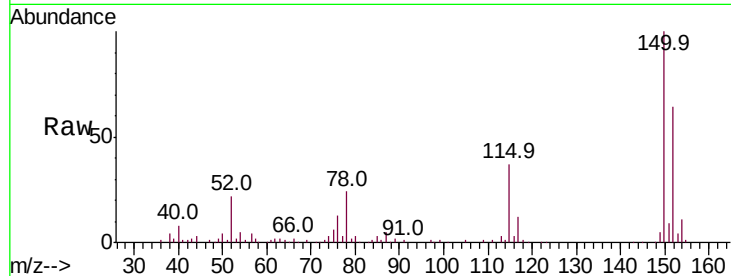


#1

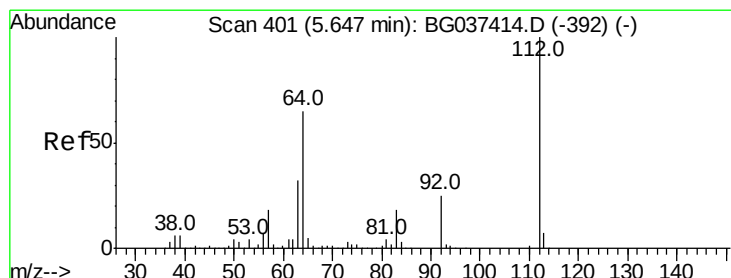
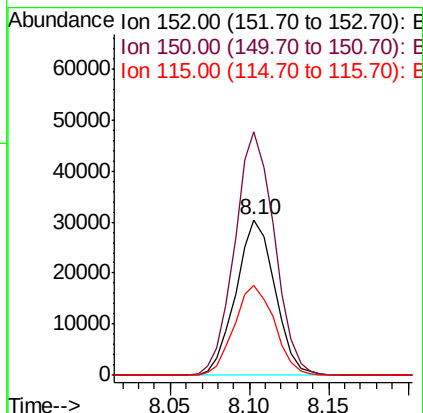
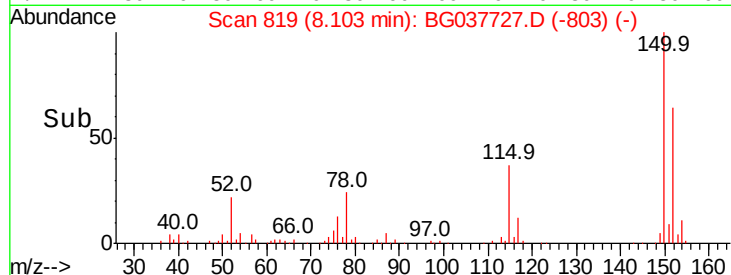
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037727.D
Acq: 1 Nov 2018 20:29

Instrument :
BNA_G
ClientSampleId :
TP-2A

Tot Ion:152 Resp: 52095
Ion Ratio Lower Upper
152 100
150 156.6 126.0 189.0
115 57.6 45.5 68.3



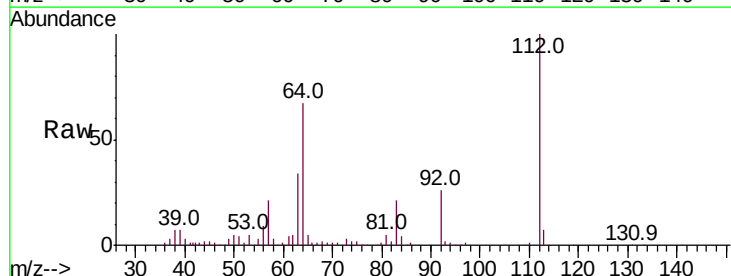
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



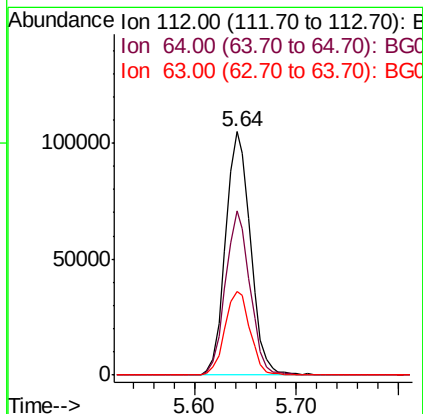
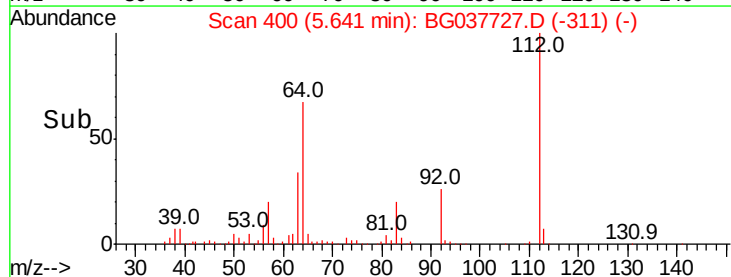
#5

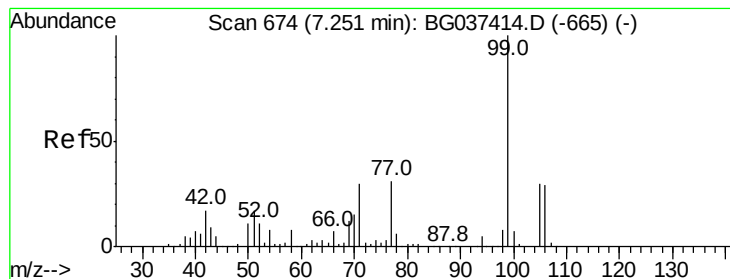
2-Fluorophenol
Concen: 57.298 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037727.D
Acq: 1 Nov 2018 20:29

Tgt Ion:112 Resp: 178541
Ion Ratio Lower Upper
112 100
64 67.4 53.1 79.7
63 34.1 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: 36.031 ng

RT: 7.25 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037727.D

Acq: 1 Nov 2018 20:29

Instrument :

BNA_G

ClientSampleId :

TP-2A

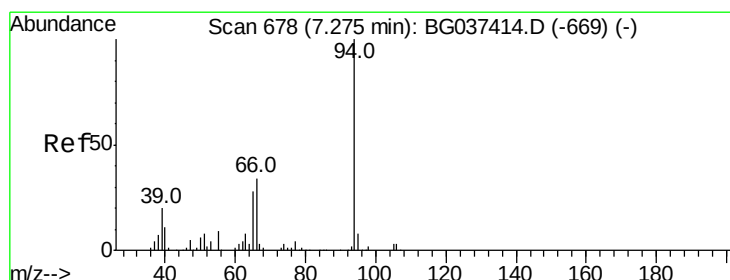
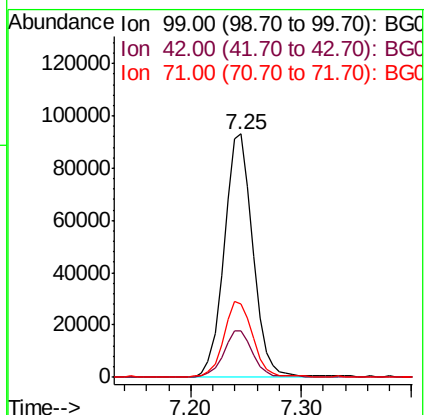
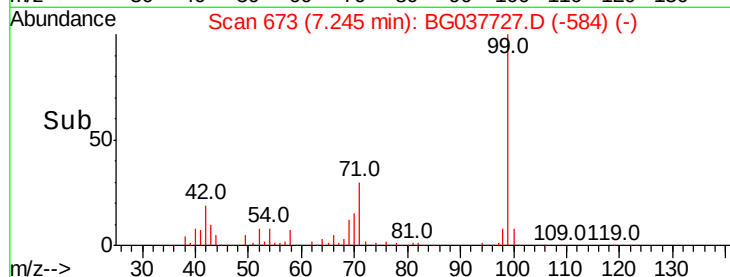
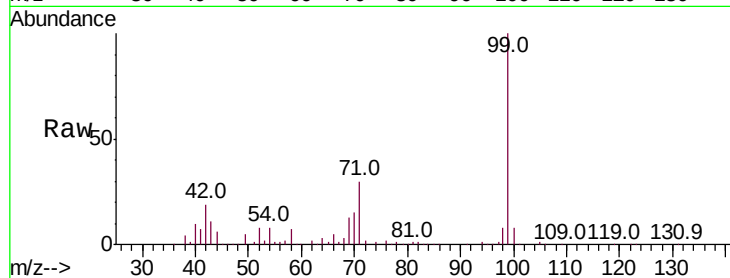
Tot Ion: 99 Resp: 169770

Ion Ratio Lower Upper

99 100

42 18.9 15.0 22.4

71 30.0 25.5 38.3



#10

Phenol

Concen: 3.040 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037727.D

Acq: 1 Nov 2018 20:29

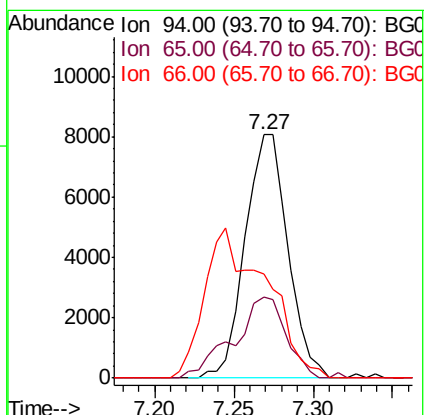
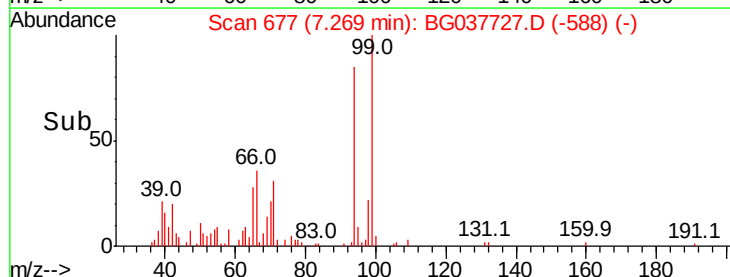
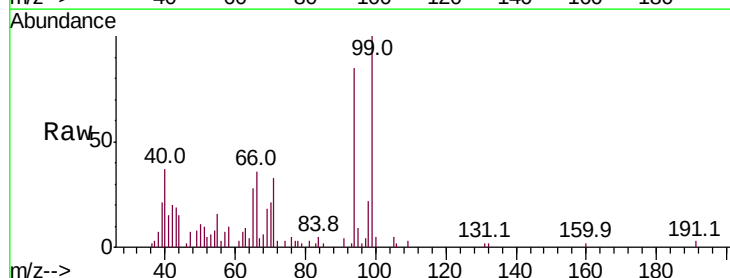
Tgt Ion: 94 Resp: 15113

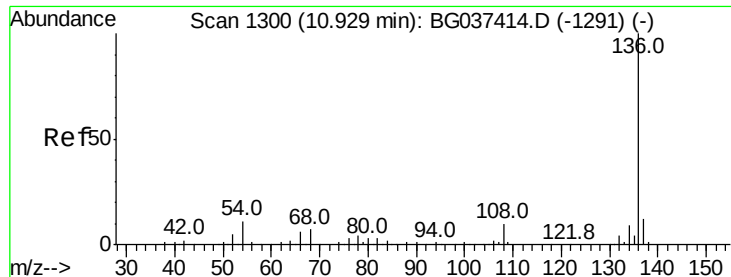
Ion Ratio Lower Upper

94 100

65 33.4 9.7 49.7

66 42.6 15.9 55.9

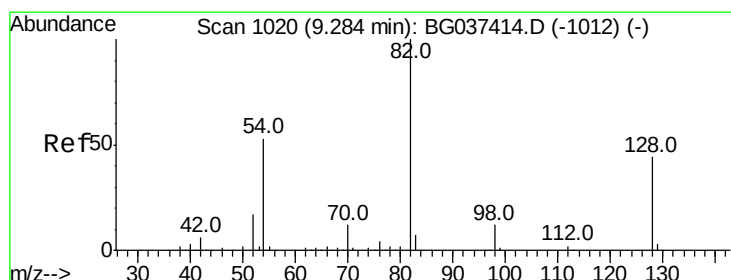
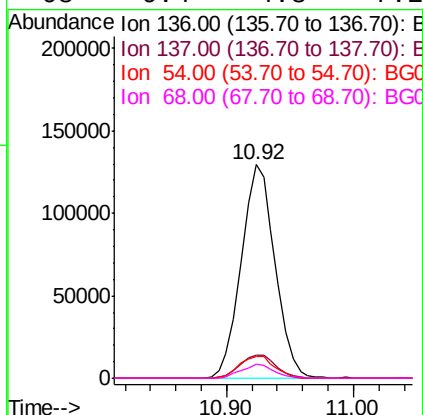
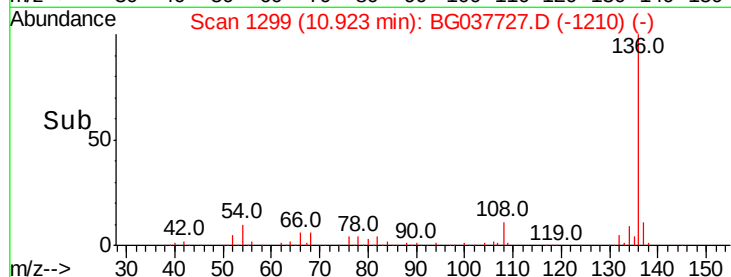
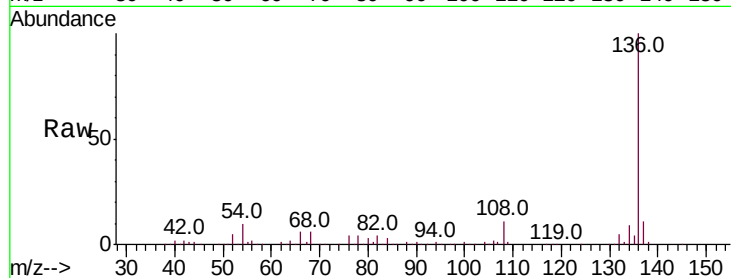




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037727.D
Acq: 1 Nov 2018 20:29

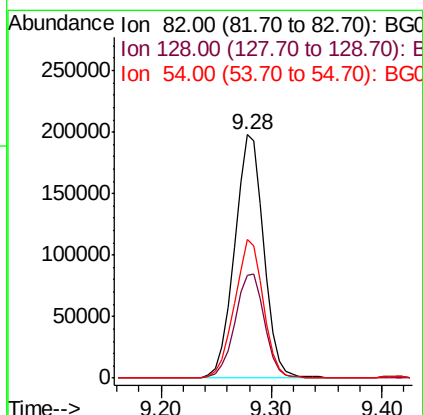
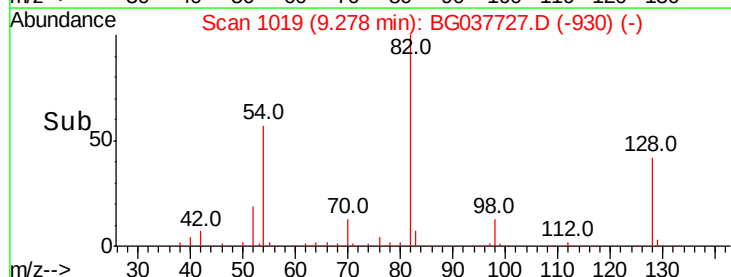
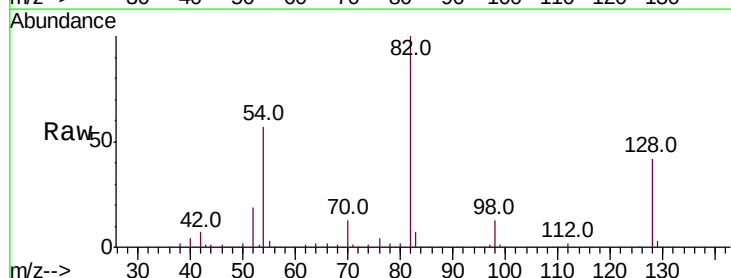
Instrument :
BNA_G
ClientSampleId :
TP-2A

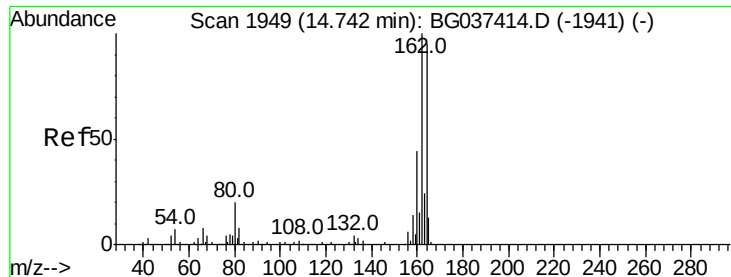
Tot Ion:	136	Resp:	239183
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	10.4	7.9	11.9
68	6.4	4.8	7.2



#23
Nitrobenzene-d5
Concen: 85.993 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037727.D
Acq: 1 Nov 2018 20:29

Tgt Ion:	82	Resp:	367161
Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	51.8
54	57.0	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: BG037727.D

Acq: 1 Nov 2018 20:29

Instrument :

BNA_G

ClientSampleId :

TP-2A

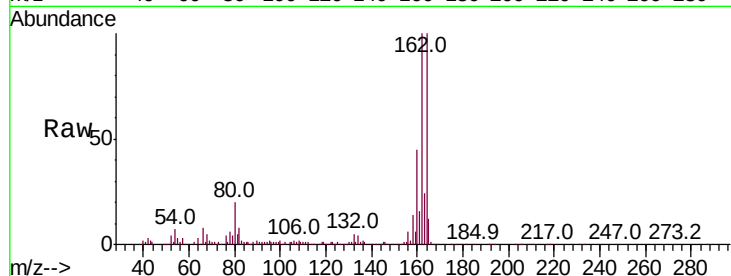
Tot Ion:164 Resp: 146301

Ion Ratio Lower Upper

164 100

162 100.4 81.3 121.9

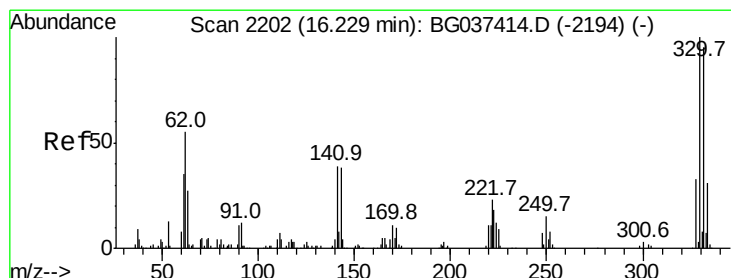
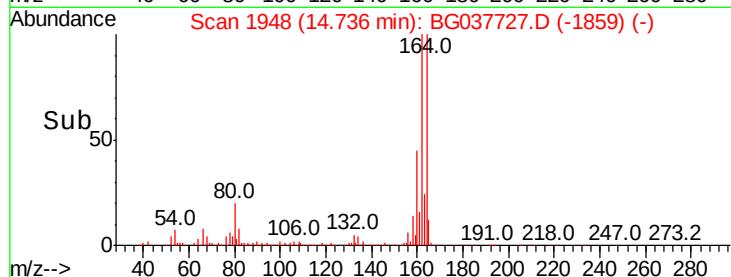
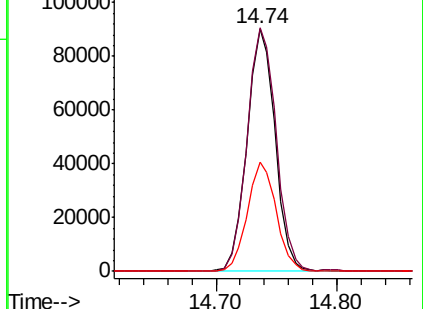
160 45.2 36.3 54.5



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: 115.677 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037727.D

Acq: 1 Nov 2018 20:29

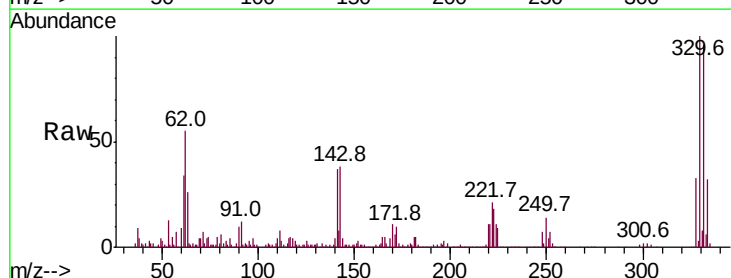
Tgt Ion:330 Resp: 184584

Ion Ratio Lower Upper

330 100

332 97.0 78.4 117.6

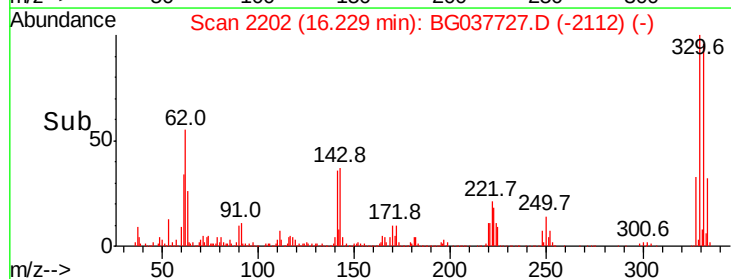
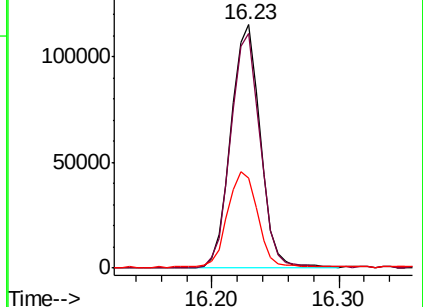
141 40.4 32.2 48.2

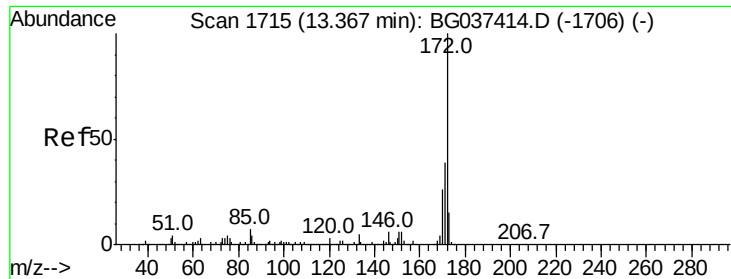


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 85.916 ng

RT: 13.36 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG037727.D

Acq: 1 Nov 2018 20:29

Instrument :

BNA_G

ClientSampleId :

TP-2A

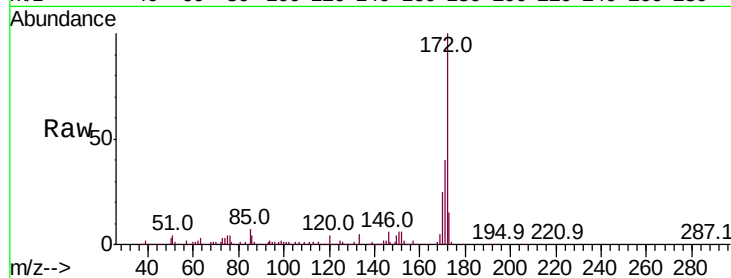
Tot Ion:172 Resp: 833554

Ion Ratio Lower Upper

172 100

171 39.6 31.0 46.4

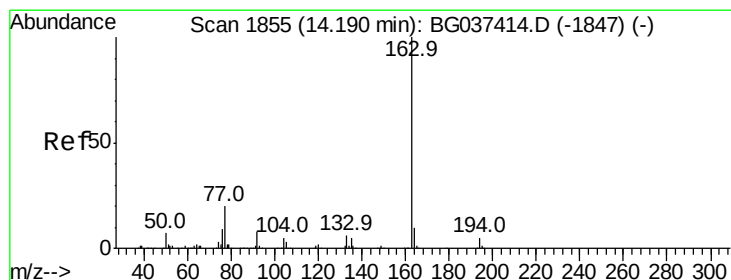
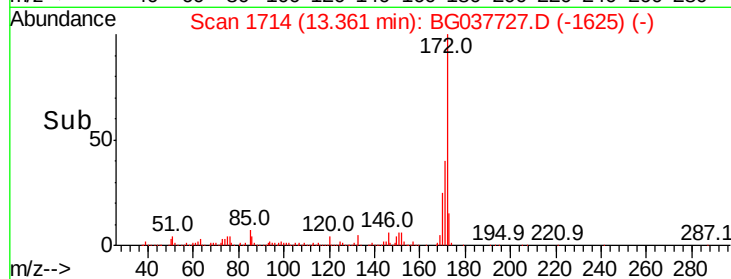
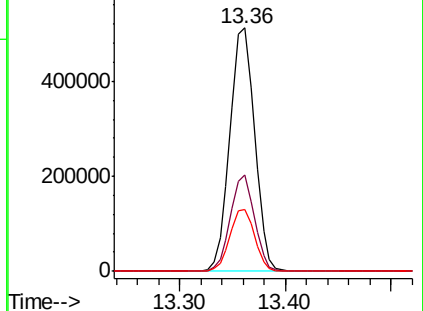
170 25.3 20.2 30.2



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



#50

Dimethylphthalate

Concen: 2.810 ng

RT: 14.18 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG037727.D

Acq: 1 Nov 2018 20:29

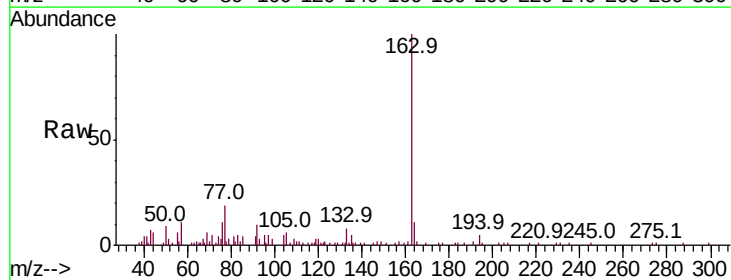
Tgt Ion:163 Resp: 31806

Ion Ratio Lower Upper

163 100

194 5.4 3.5 5.3#

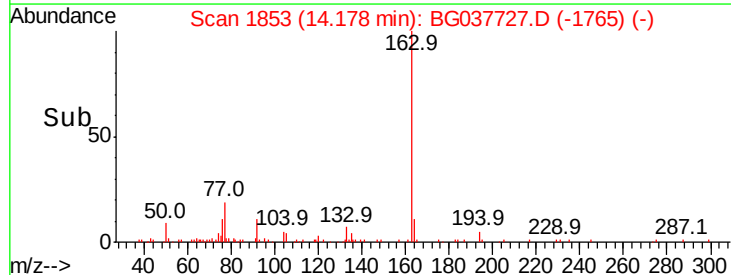
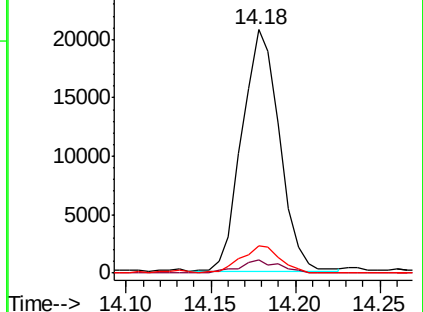
164 11.0 8.5 12.7

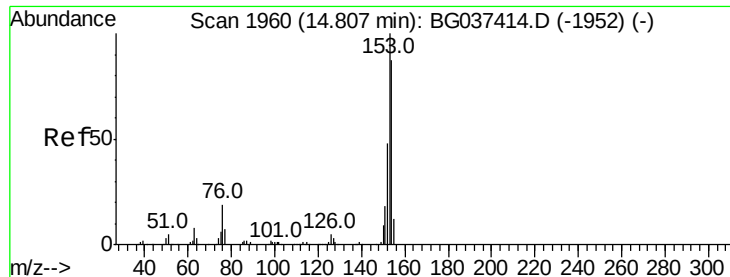


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 28.281 ng

RT: 14.80 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG037727.D

Acq: 1 Nov 2018 20:29

Instrument :

BNA_G

ClientSampleId :

TP-2A

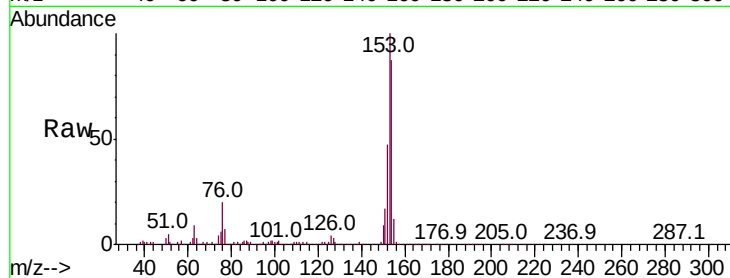
Tot Ion:154 Resp: 240165

Ion Ratio Lower Upper

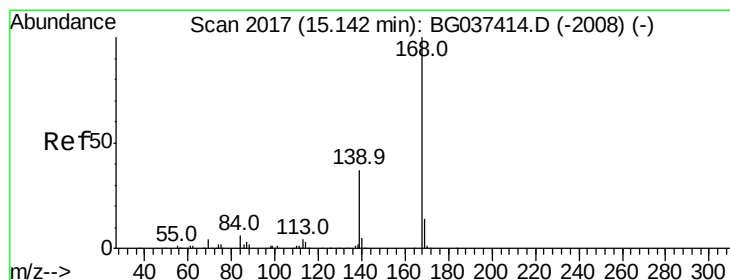
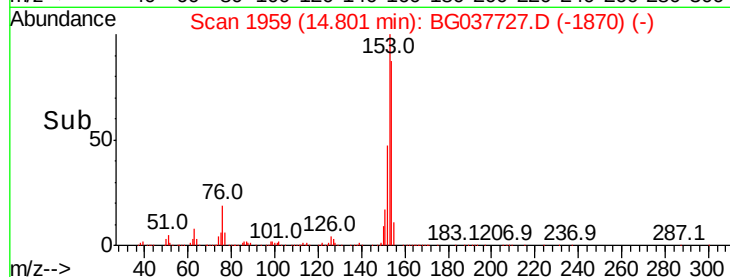
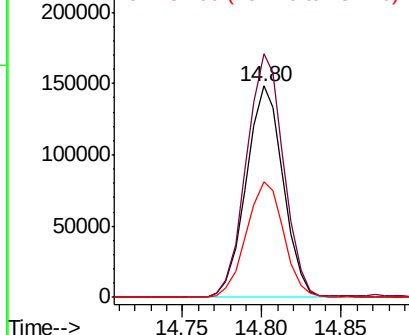
154 100

153 115.3 93.4 140.0

152 54.7 44.7 67.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 3.625 ng

RT: 15.14 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BG037727.D

Acq: 1 Nov 2018 20:29

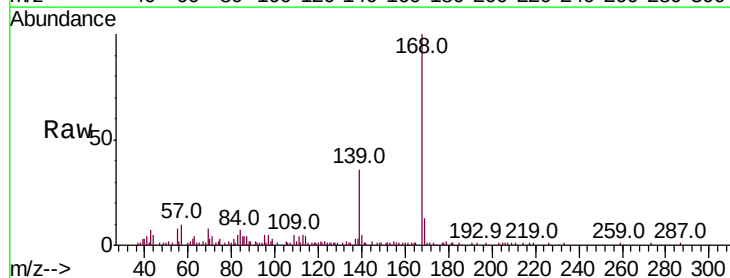
Tgt Ion:168 Resp: 51001

Ion Ratio Lower Upper

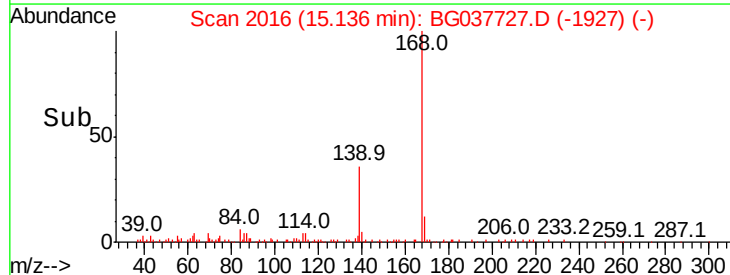
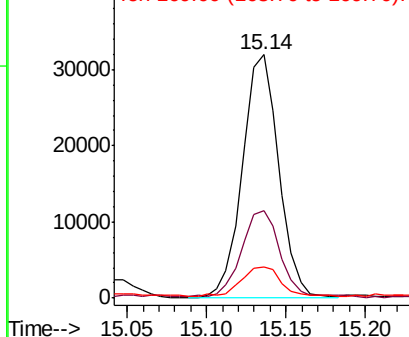
168 100

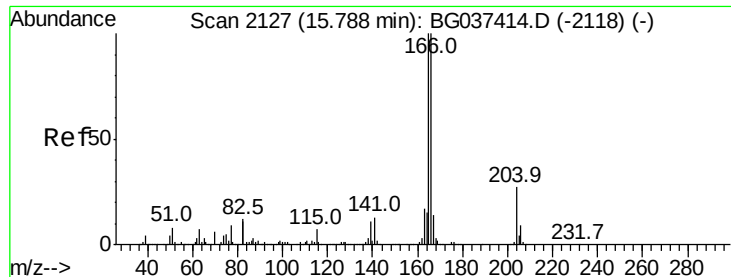
139 36.1 29.4 44.0

169 12.7 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

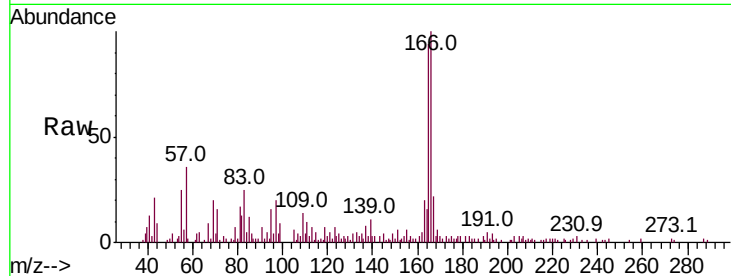




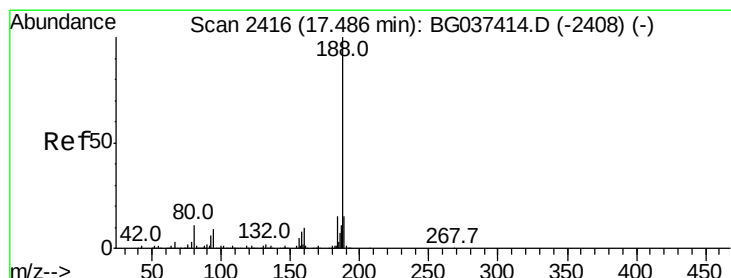
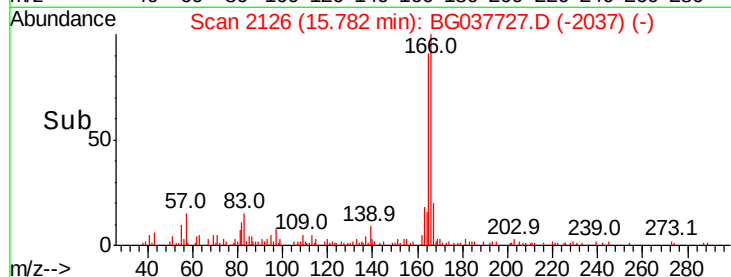
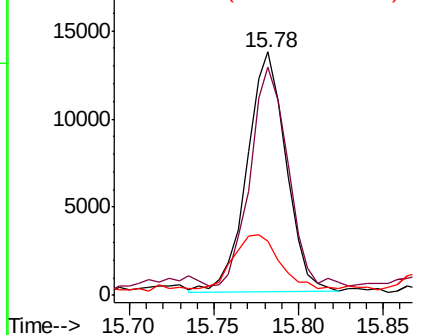
#58
 Fluorene
 Concen: 2.073 ng
 RT: 15.78 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG037727.D
 Acq: 1 Nov 2018 20:29

Instrument :
 BNA_G
 ClientSampleId :
 TP-2A

Tot Ion:166 Resp: 21840
 Ion Ratio Lower Upper
 166 100
 165 93.7 79.0 118.6
 167 22.2 11.3 16.9#

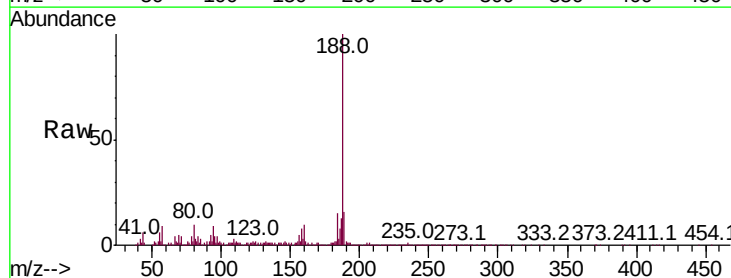


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

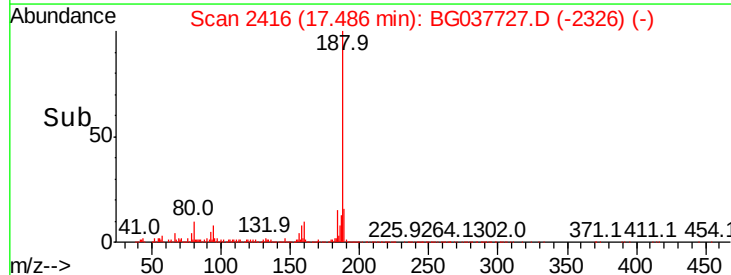
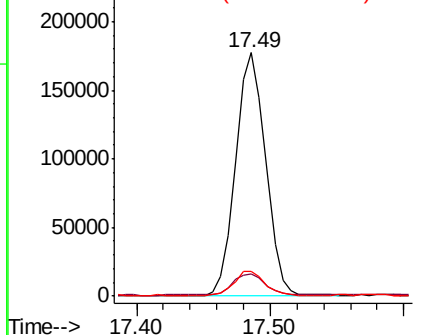


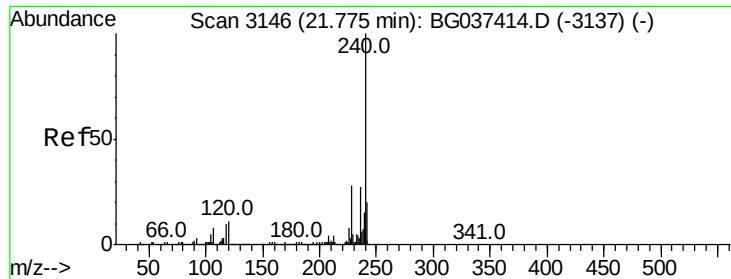
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037727.D
 Acq: 1 Nov 2018 20:29

Tgt Ion:188 Resp: 277893
 Ion Ratio Lower Upper
 188 100
 94 8.9 7.2 10.8
 80 10.2 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

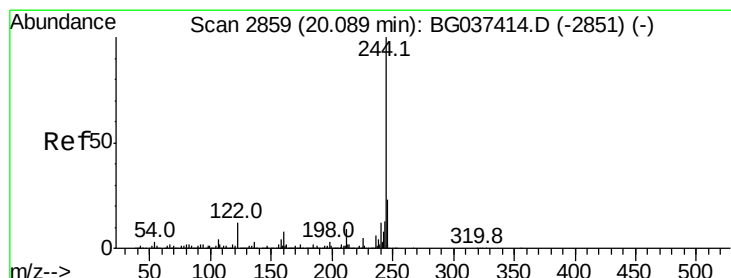
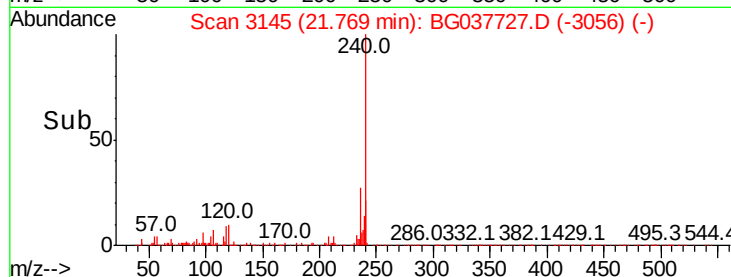
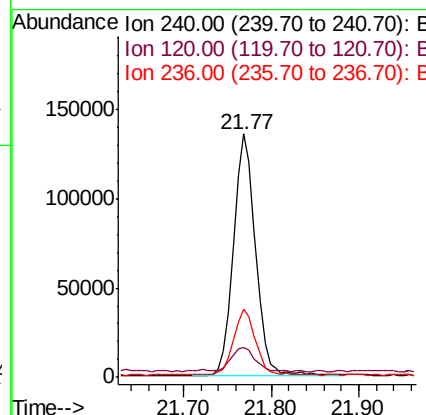
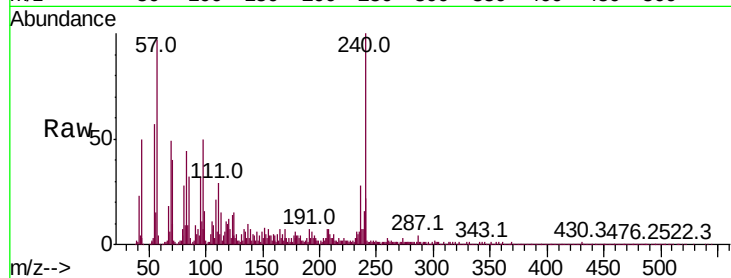




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037727.D
Acq: 1 Nov 2018 20:29

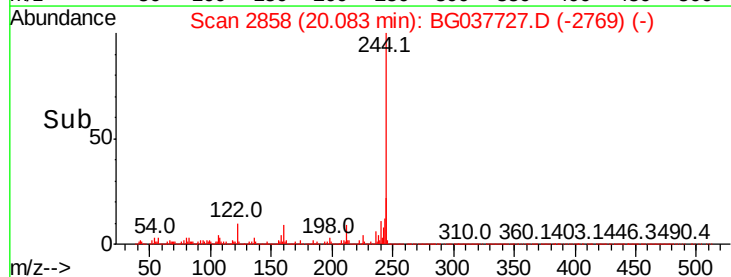
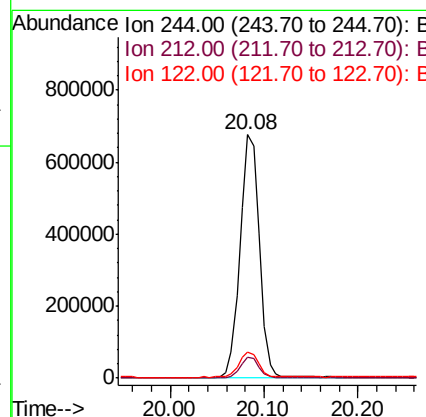
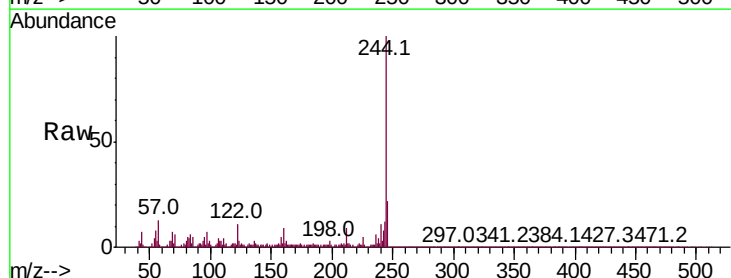
Instrument :
BNA_G
ClientSampleId :
TP-2A

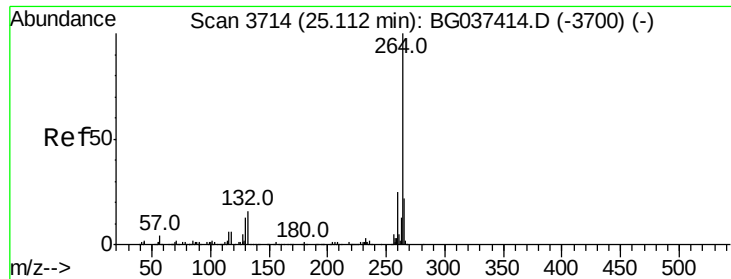
Tot Ion:240 Resp: 233756
Ion Ratio Lower Upper
240 100
120 12.2 8.1 12.1#
236 28.0 21.4 32.0



#79
Terphenyl-d14
Concen: 88.291 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037727.D
Acq: 1 Nov 2018 20:29

Tgt Ion:244 Resp: 965882
Ion Ratio Lower Upper
244 100
212 8.7 6.5 9.7
122 10.8 9.0 13.4

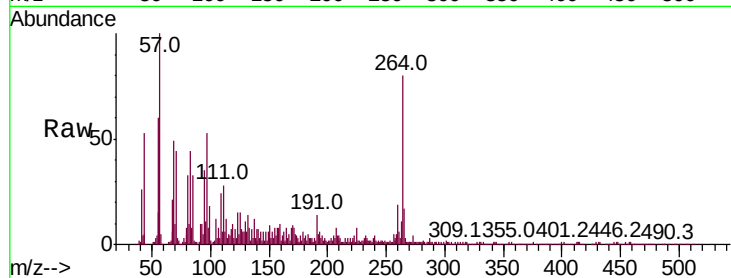




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037727.D
Acq: 1 Nov 2018 20:29

Instrument :
BNA_G
ClientSampleId :
TP-2A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	21.7	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

