

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037747.D
 Acq On : 2 Nov 2018 9:31
 Operator : JU/SJ
 Sample : J5741-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Nov 02 14:30:02 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

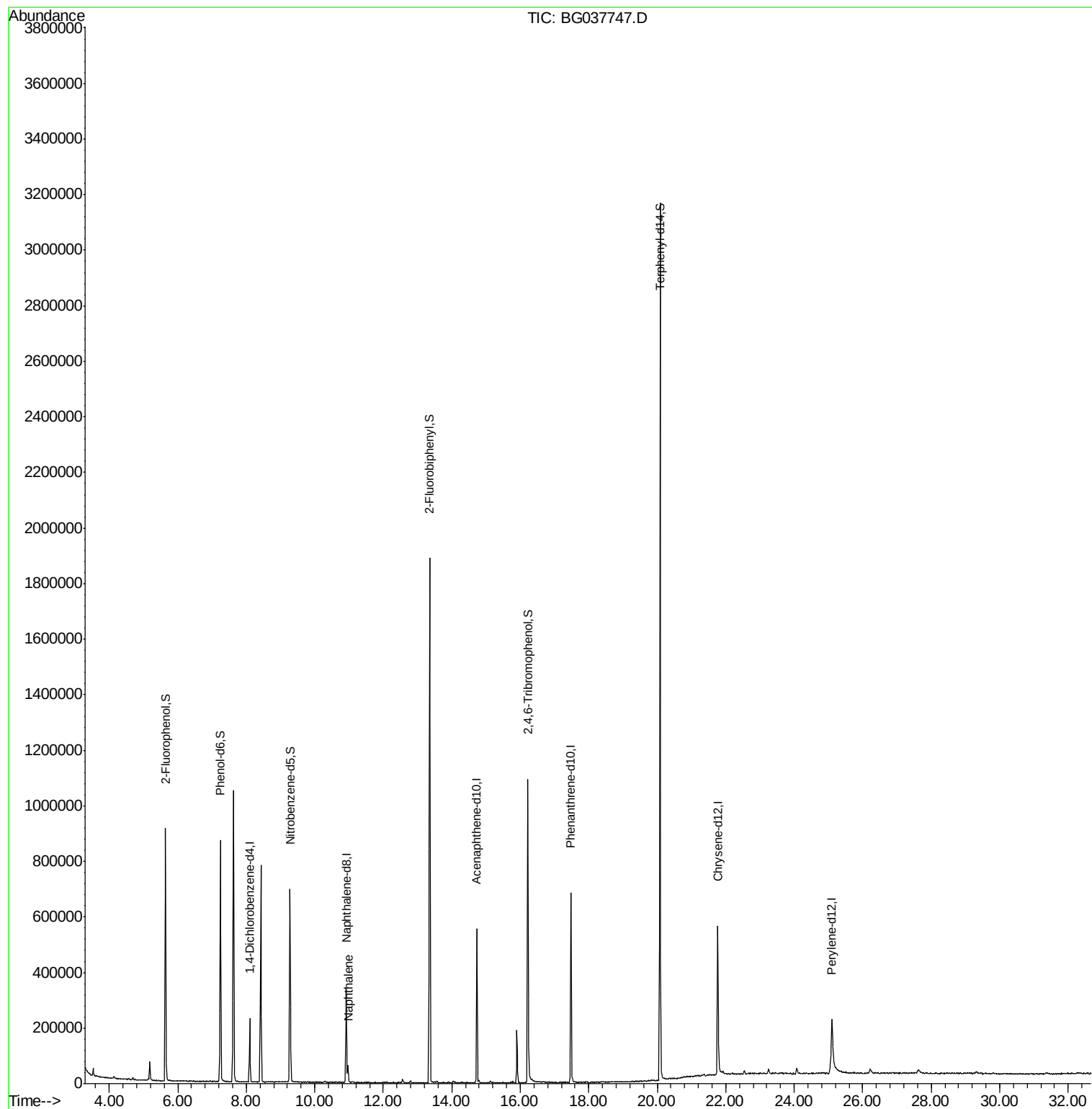
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	68150	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	307496	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	199876	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	439244	20.00	ng	0.00
76) Chrysene-d12	21.77	240	395156	20.00	ng	0.00
87) Perylene-d12	25.10	264	324496	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	442406	108.53	ng	0.00
7) Phenol-d6	7.24	99	562275	91.22	ng	0.00
23) Nitrobenzene-d5	9.27	82	445344	81.13	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	228709	104.91	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	1051405	79.32	ng	-0.02
79) Terphenyl-d14	20.08	244	1536909	83.11	ng	0.00
Target Compounds						
31) Naphthalene	10.97	128	53417	3.537	ng	Qvalue 98

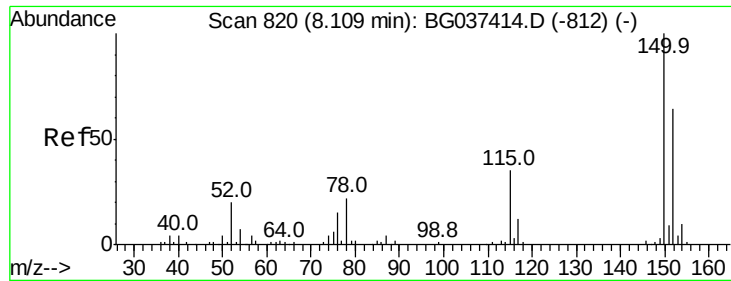
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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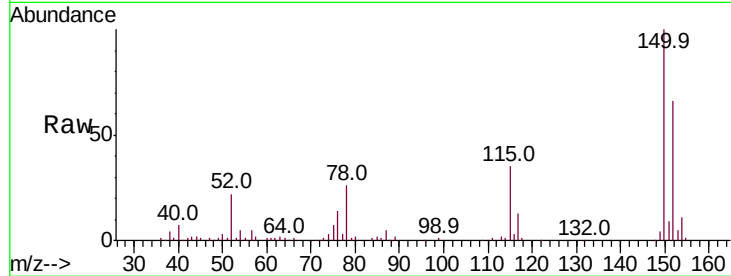


#1

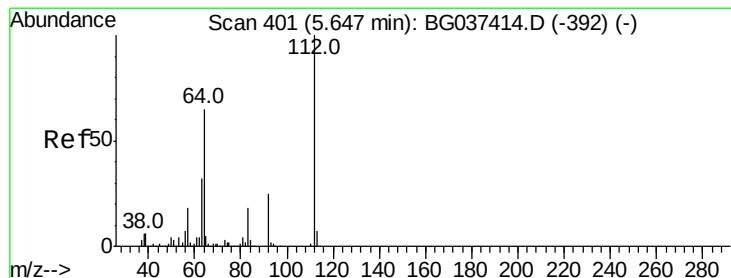
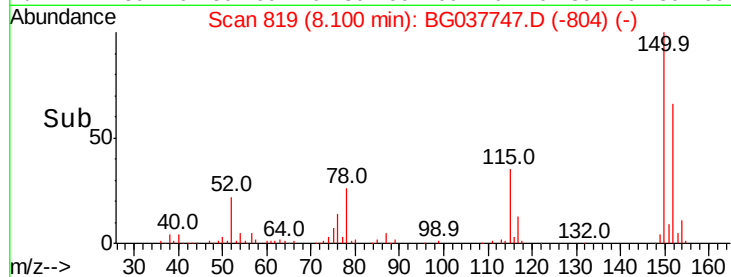
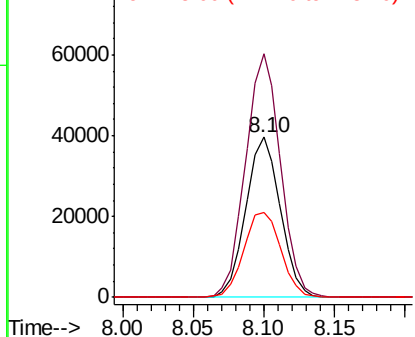
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037747.D
Acq: 2 Nov 2018 9:31

Instrument :
BNA_G
ClientSampleId :
TP-4

Tot Ion:152 Resp: 68150
Ion Ratio Lower Upper
152 100
150 152.3 126.0 189.0
115 53.1 45.5 68.3



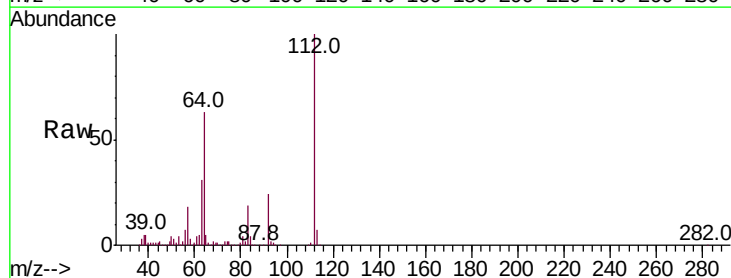
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



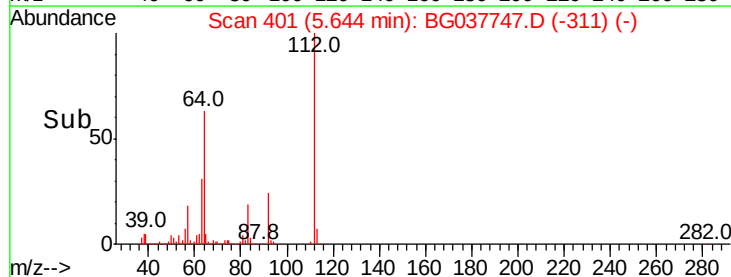
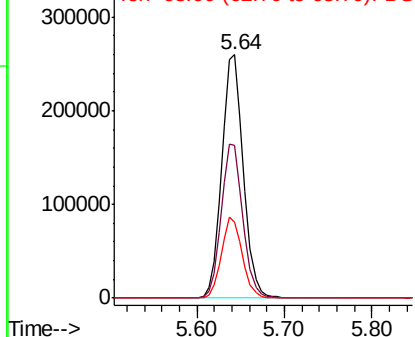
#5

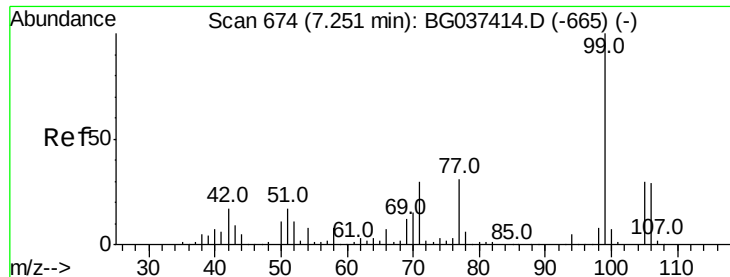
2-Fluorophenol
Concen: 108.531 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037747.D
Acq: 2 Nov 2018 9:31

Tgt Ion:112 Resp: 442406
Ion Ratio Lower Upper
112 100
64 62.9 53.1 79.7
63 31.2 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: 91.221 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037747.D

Acq: 2 Nov 2018 9:31

Instrument :

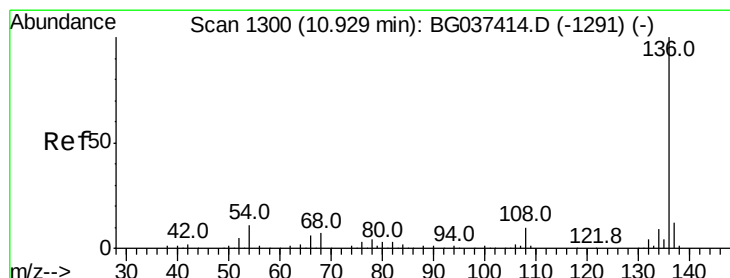
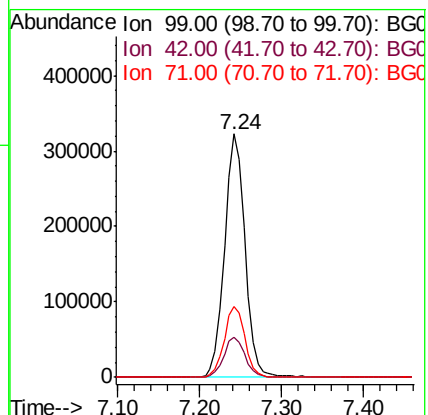
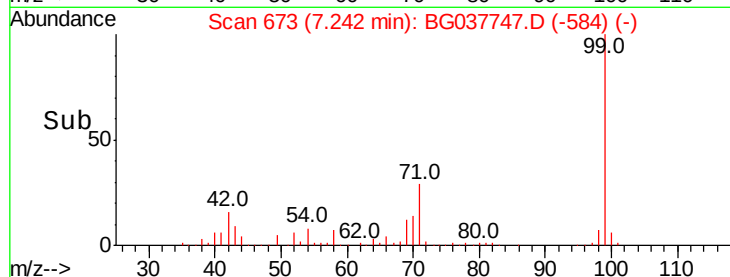
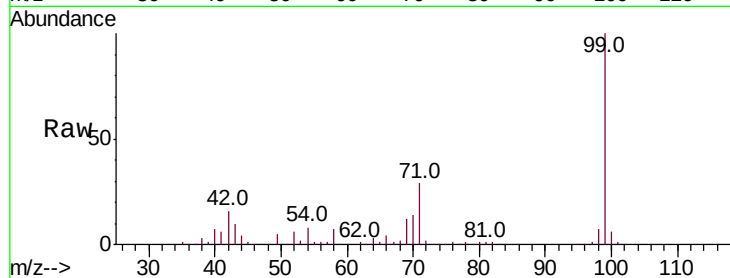
BNA_G

ClientSampleId :

TP-4

Tot Ion: 99 Resp: 562275

Ion	Ratio	Lower	Upper
99	100		
42	16.4	15.0	22.4
71	29.3	25.5	38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1299

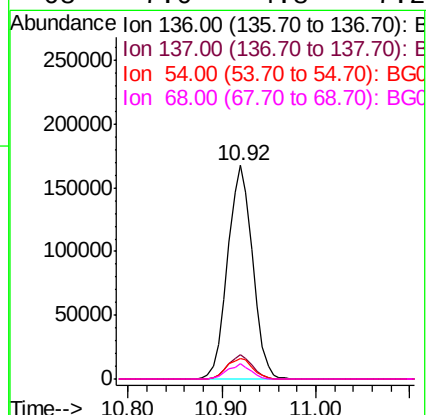
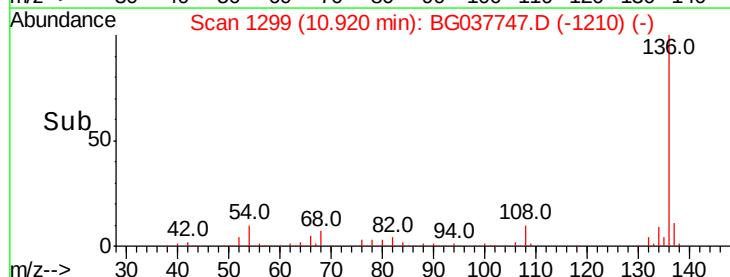
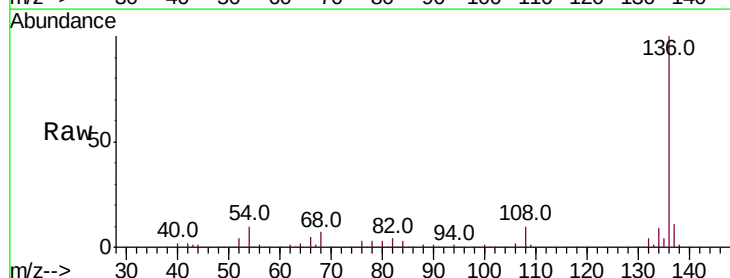
Delta R.T. -0.01 min

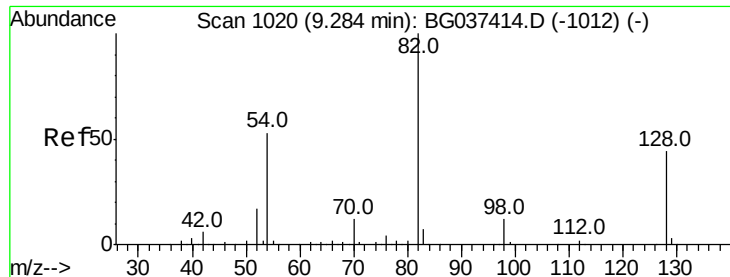
Lab File: BG037747.D

Acq: 2 Nov 2018 9:31

Tgt Ion: 136 Resp: 307496

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	9.8	7.9	11.9
68	7.0	4.8	7.2

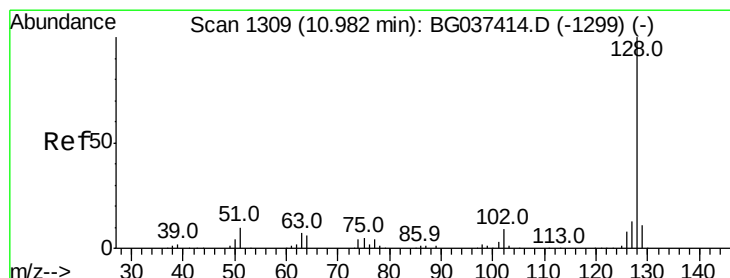
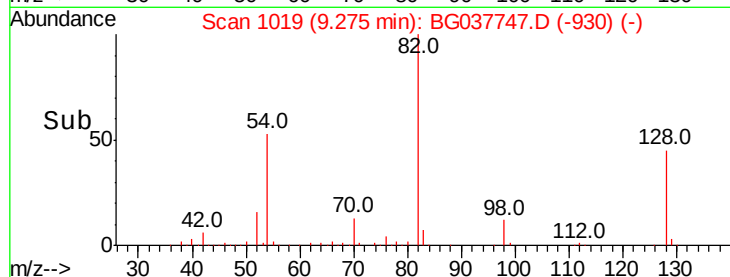
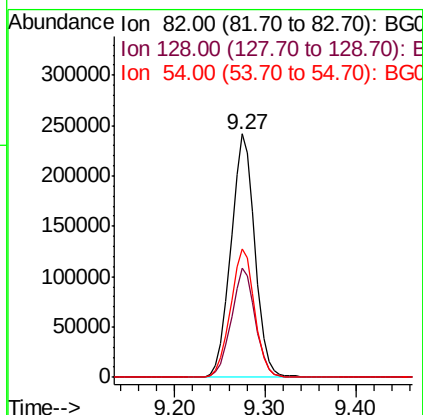
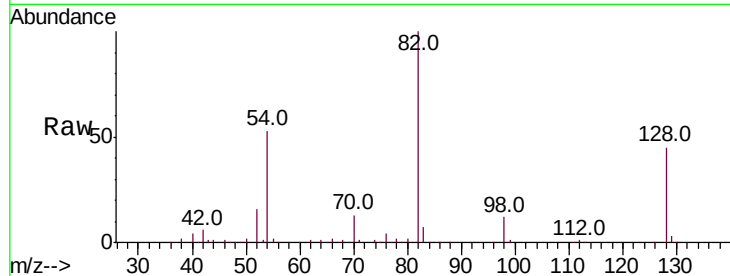




#23
Nitrobenzene-d5
Concen: 81.132 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037747.D
Acq: 2 Nov 2018 9:31

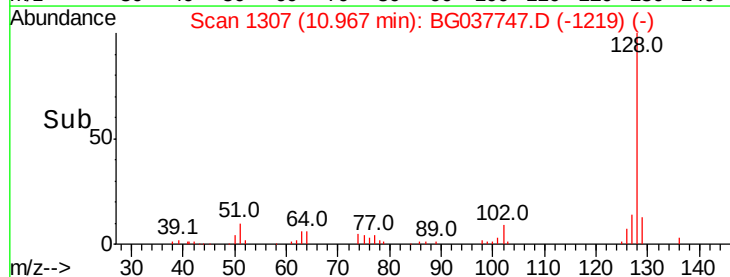
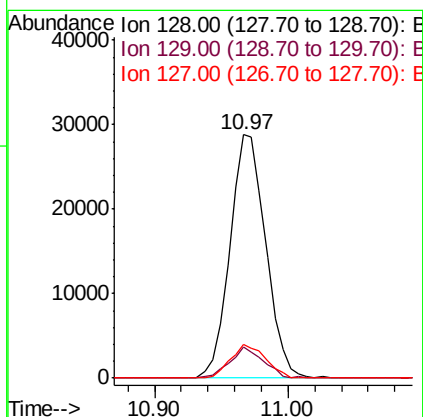
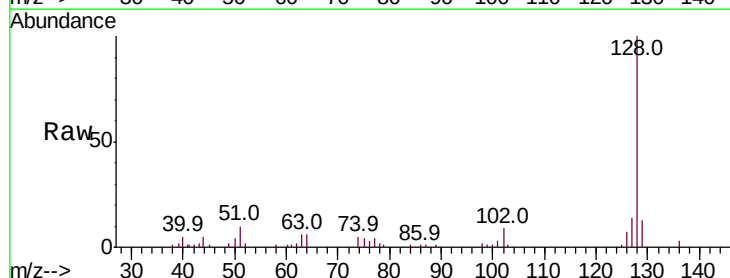
Instrument :
BNA_G
ClientSampled :
TP-4

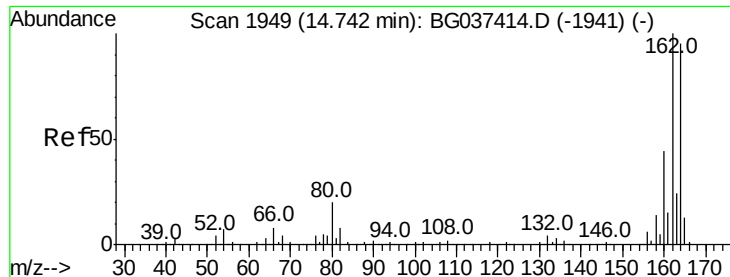
Tot Ion: 82 Resp: 445344
Ion Ratio Lower Upper
82 100
128 44.9 34.6 51.8
54 52.6 45.3 67.9



#31
Naphthalene
Concen: 3.537 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BG037747.D
Acq: 2 Nov 2018 9:31

Tgt Ion: 128 Resp: 53417
Ion Ratio Lower Upper
128 100
129 12.9 9.0 13.6
127 14.0 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: BG037747.D

Acq: 2 Nov 2018 9:31

Instrument :

BNA_G

ClientSampleId :

TP-4

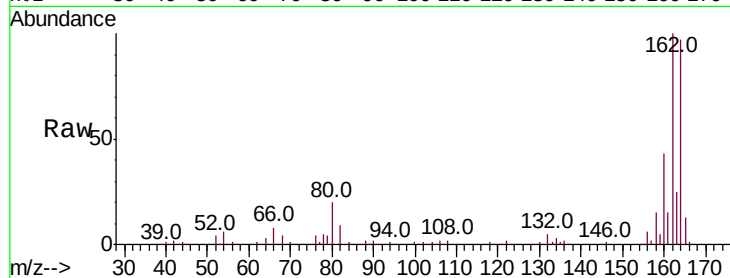
Tot Ion:164 Resp: 199876

Ion Ratio Lower Upper

164 100

162 103.3 81.3 121.9

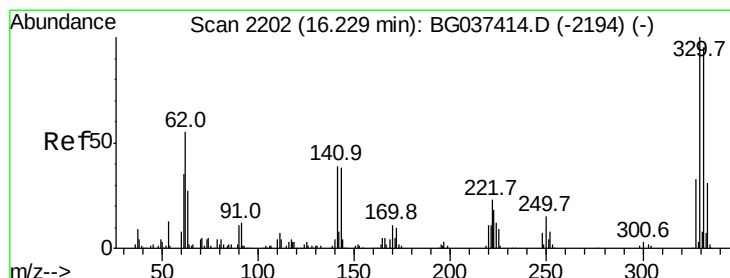
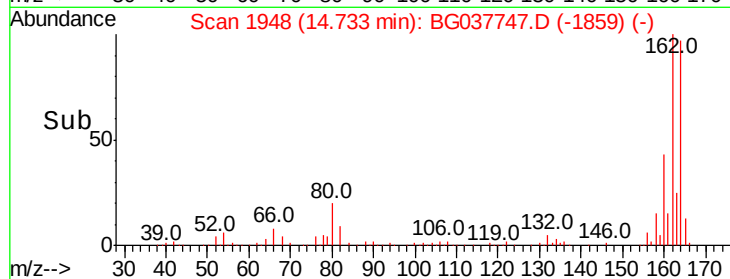
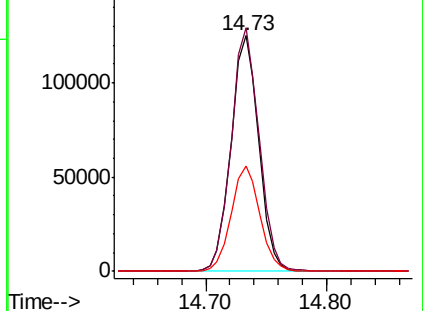
160 44.7 36.3 54.5



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: 104.911 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037747.D

Acq: 2 Nov 2018 9:31

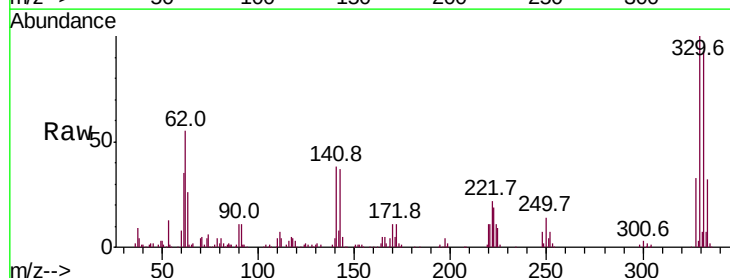
Tgt Ion:330 Resp: 228709

Ion Ratio Lower Upper

330 100

332 91.9 78.4 117.6

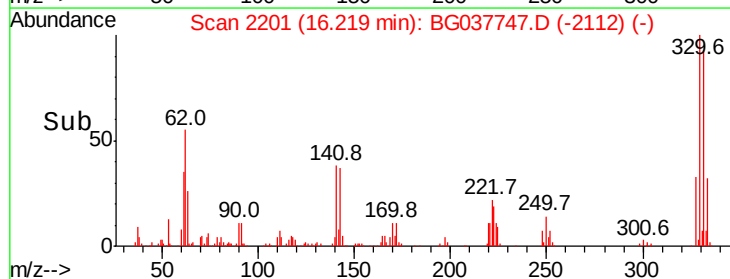
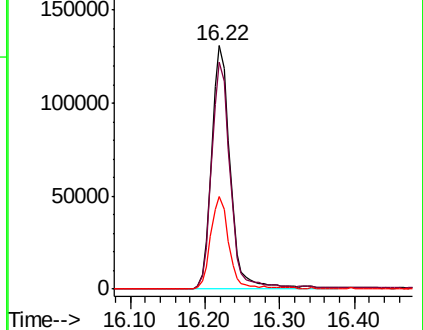
141 36.1 32.2 48.2

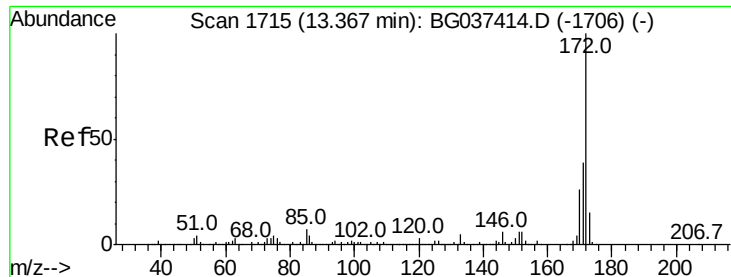


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



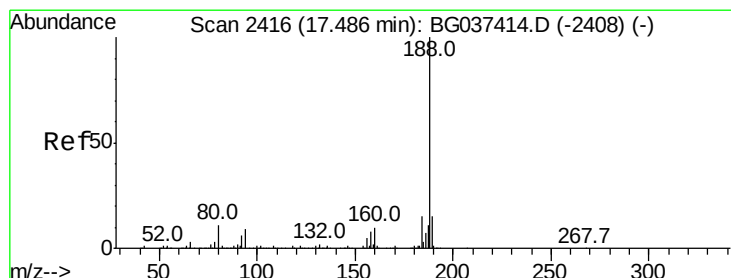
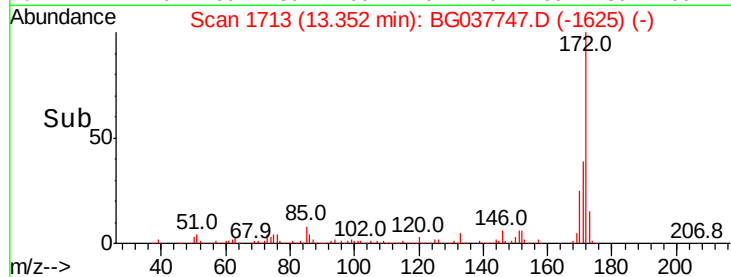
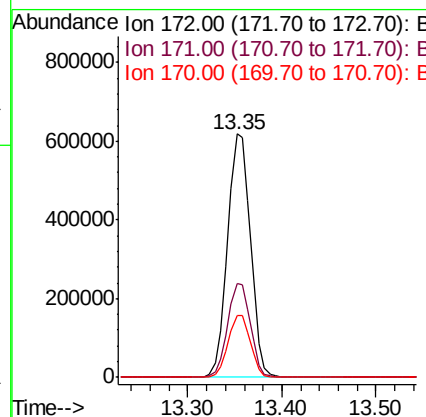
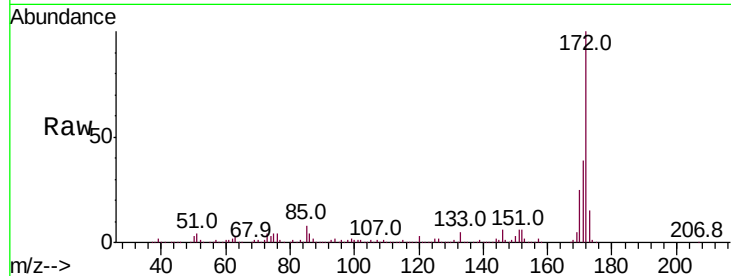


#45
 2-Fluorobiphenyl
 Concen: 79.322 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.02 min
 Lab File: BG037747.D
 Acq: 2 Nov 2018 9:31

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Tot Ion:172 Resp: 1051405

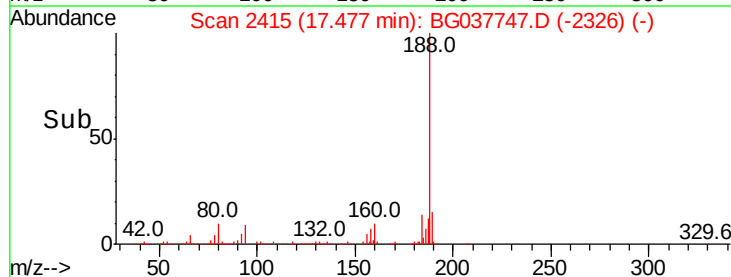
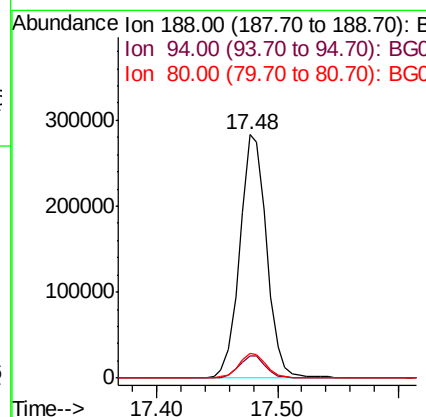
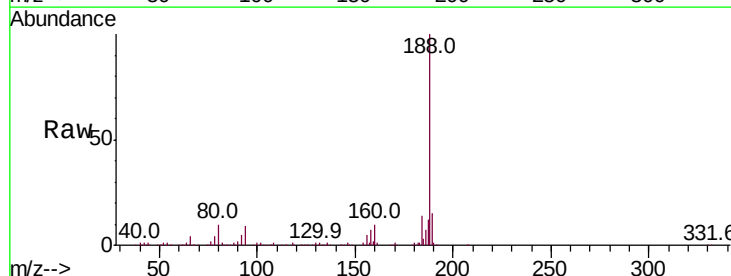
Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.0	46.4
170	25.2	20.2	30.2

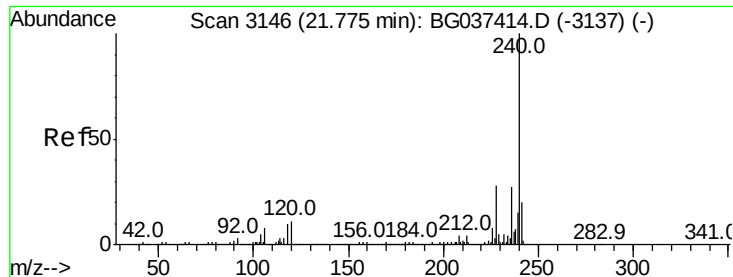


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037747.D
 Acq: 2 Nov 2018 9:31

Tgt Ion:188 Resp: 439244

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.0	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: BG037747.D

Acq: 2 Nov 2018 9:31

Instrument :

BNA_G

ClientSampleId :

TP-4

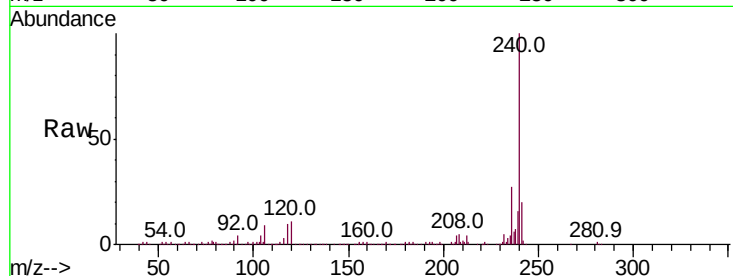
Tot Ion:240 Resp: 395156

Ion Ratio Lower Upper

240 100

120 11.1 8.1 12.1

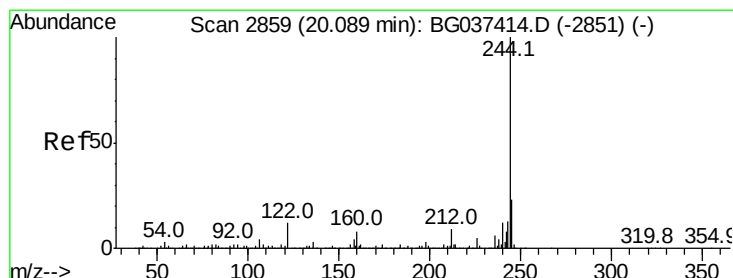
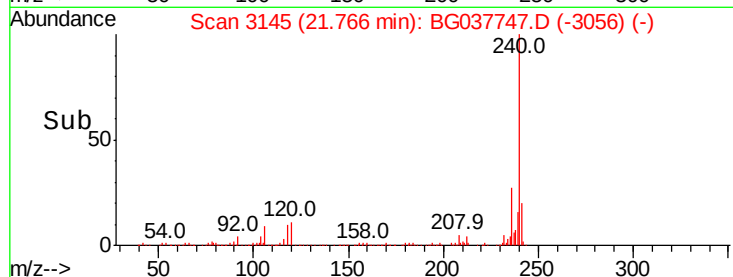
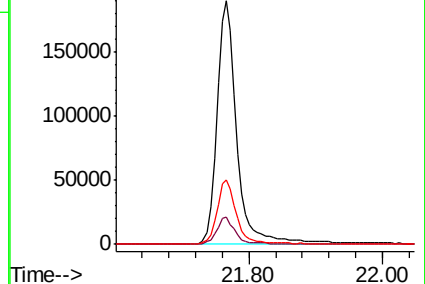
236 26.6 21.4 32.0



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: 83.107 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037747.D

Acq: 2 Nov 2018 9:31

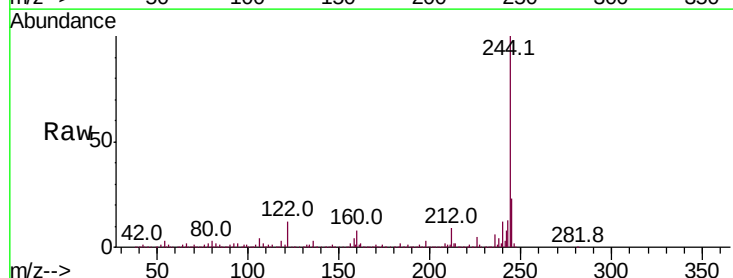
Tgt Ion:244 Resp: 1536909

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

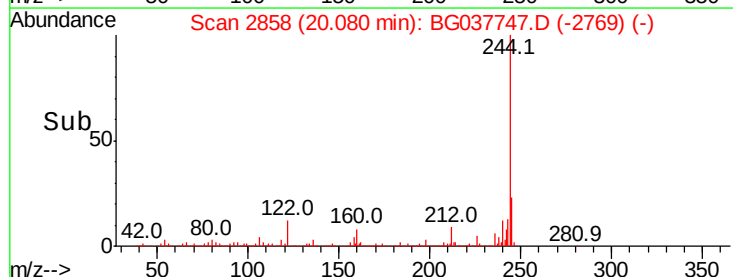
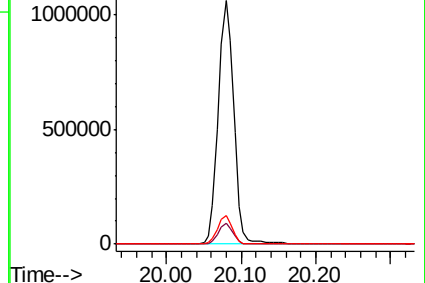
122 11.9 9.0 13.4

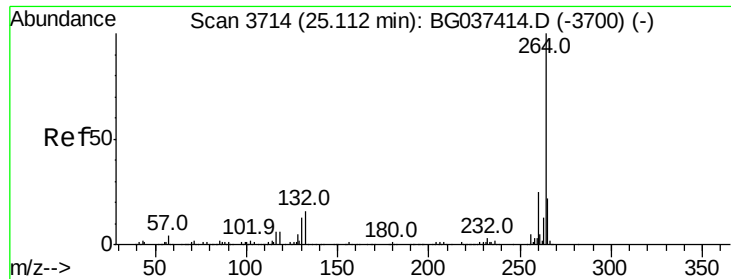


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3712
Delta R.T. -0.02 min
Lab File: BG037747.D
Acq: 2 Nov 2018 9:31

Instrument :
BNA_G
ClientSampleId :
TP-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	20.9	17.9	26.9

