

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
 Data File : BG037933.D
 Acq On : 9 Nov 2018 23:12
 Operator : JU/SJ
 Sample : J5884-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8A-D

Quant Time: Nov 12 07:16:43 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	8.09	152	49379	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	220581	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	147028	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	317201	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	272453	20.00	ng	-0.01
87) Perylene-d12	25.10	264	206962	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	332633	112.62	ng	0.00
7) Phenol-d6	7.24	99	450156	100.79	ng	-0.01
23) Nitrobenzene-d5	9.27	82	326723	82.97	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	158221	98.66	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	762123	78.16	ng	-0.02
79) Terphenyl-d14	20.07	244	1146600	89.92	ng	-0.01

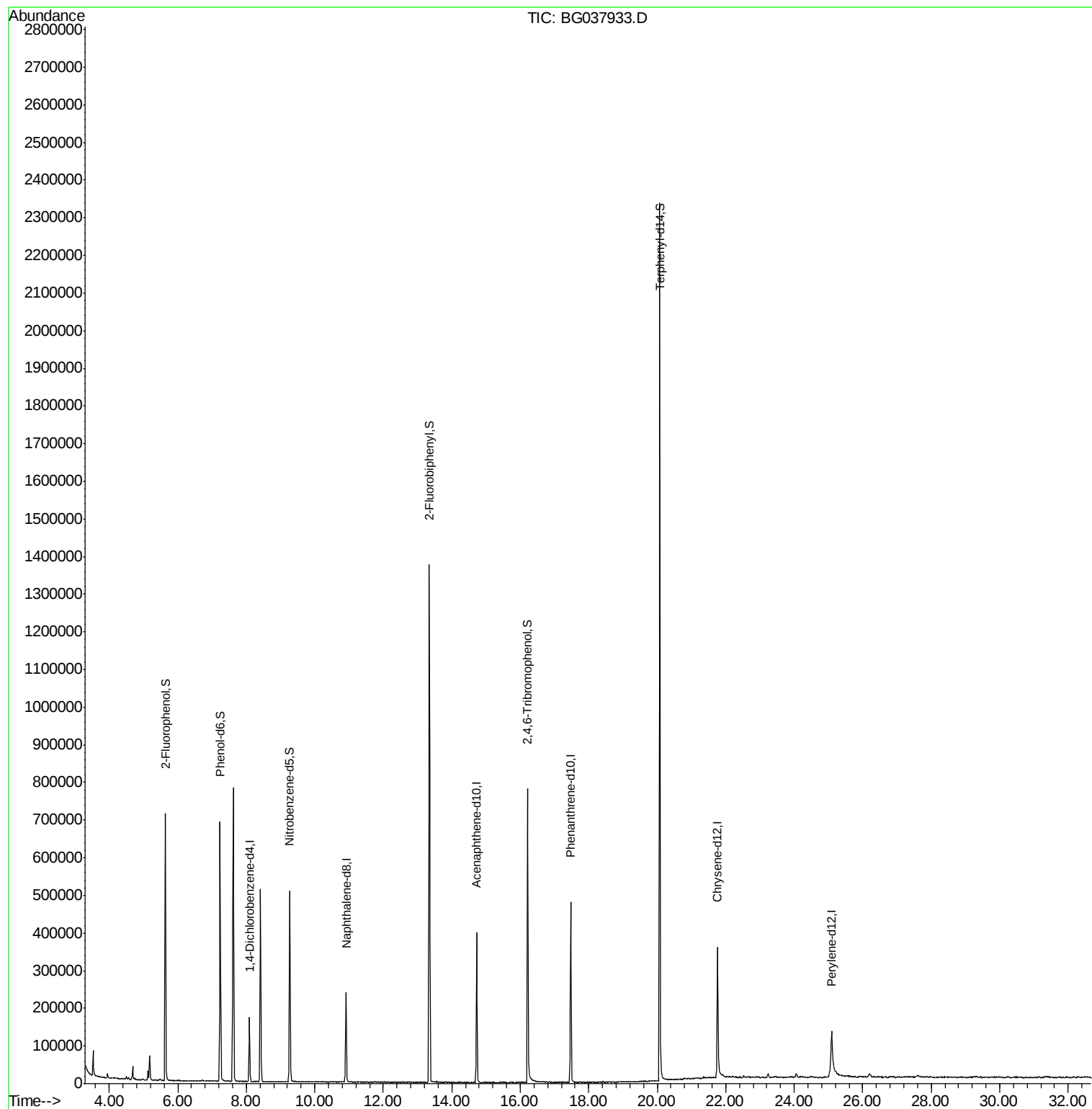
Target Compounds Qvalue

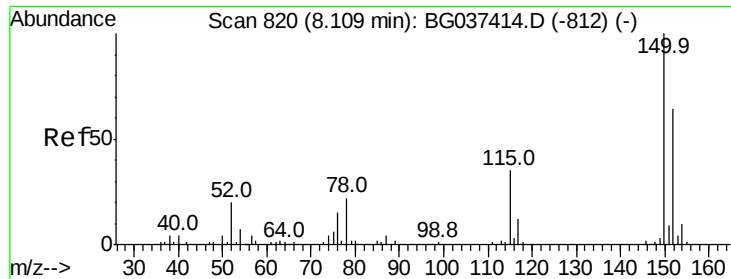
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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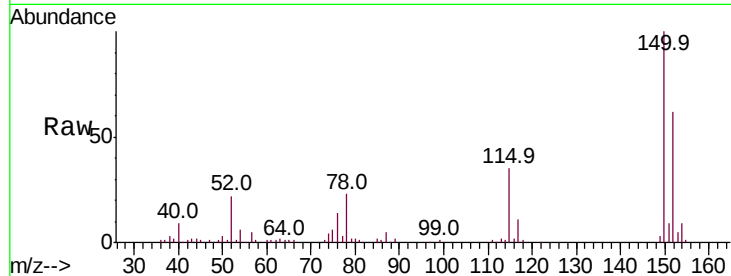


#1

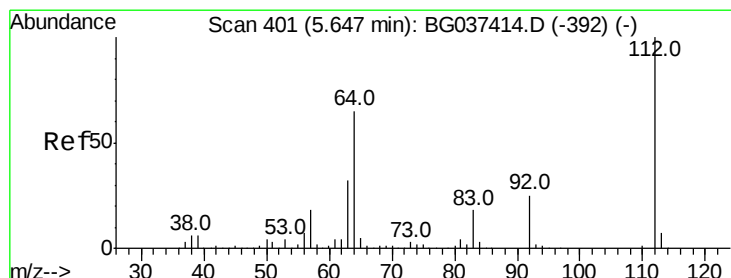
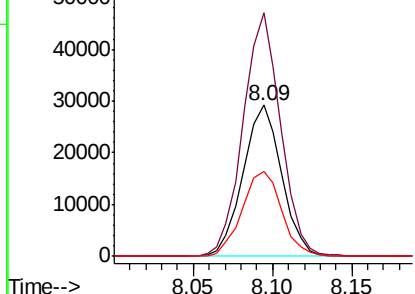
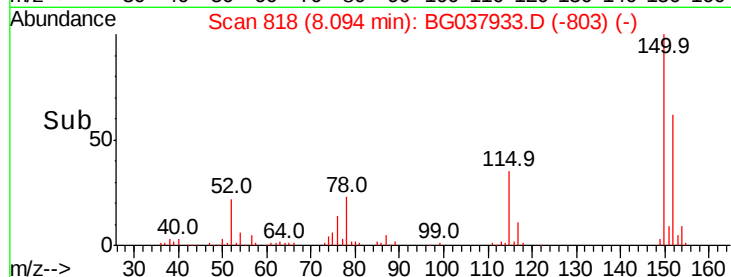
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037933.D
Acq: 9 Nov 2018 23:12

Instrument :
BNA_G
ClientSampleId :
TP-8A-D

Tot Ion:152 Resp: 49379
Ion Ratio Lower Upper
152 100
150 160.9 126.0 189.0
115 56.2 45.5 68.3



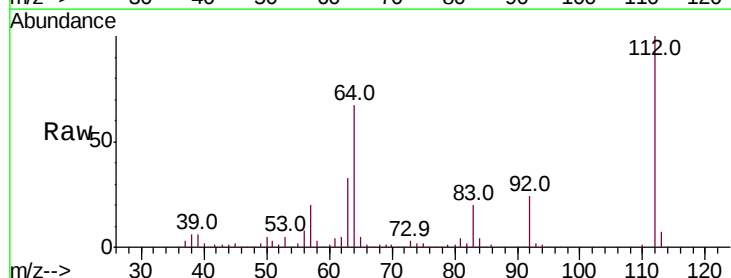
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



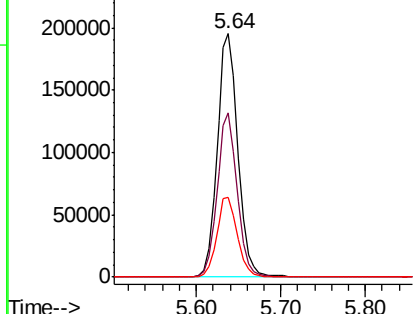
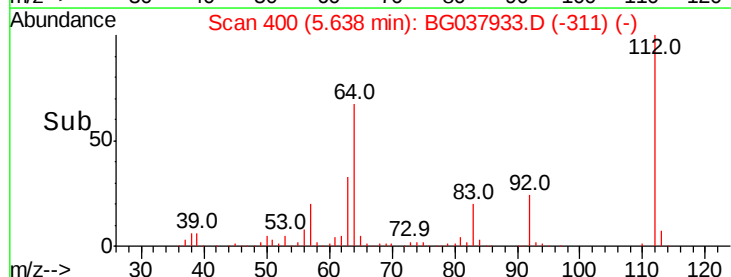
#5

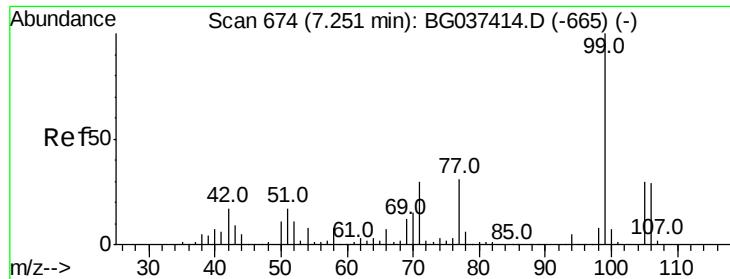
2-Fluorophenol
Concen: 112.621 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037933.D
Acq: 9 Nov 2018 23:12

Tgt Ion:112 Resp: 332633
Ion Ratio Lower Upper
112 100
64 67.4 53.1 79.7
63 32.9 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: 100.793 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037933.D

Acq: 9 Nov 2018 23:12

Instrument :

BNA_G

ClientSampleId :

TP-8A-D

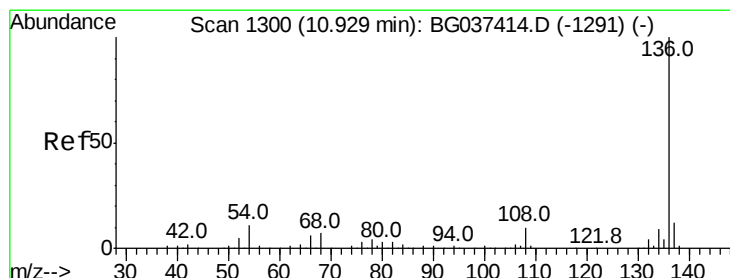
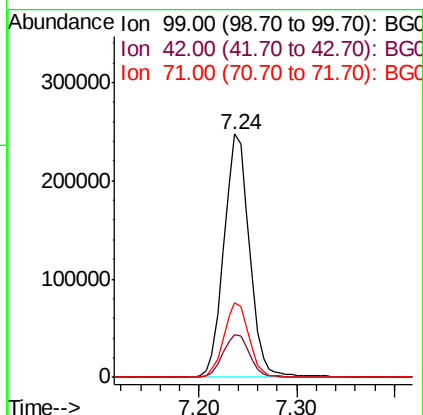
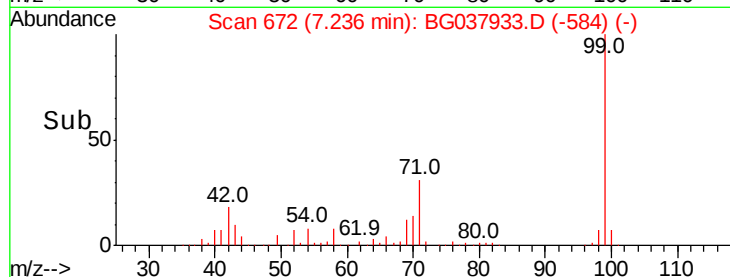
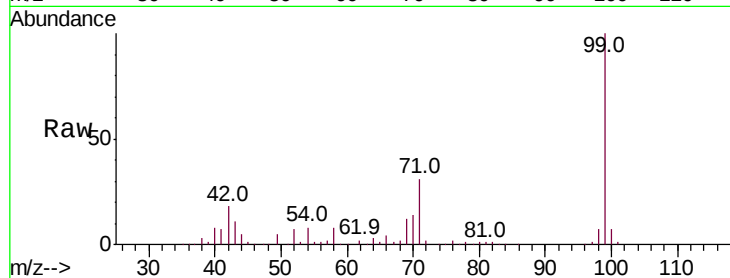
Tot Ion: 99 Resp: 450156

Ion Ratio Lower Upper

99 100

42 17.7 15.0 22.4

71 30.7 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG037933.D

Acq: 9 Nov 2018 23:12

Tgt Ion: 136 Resp: 220581

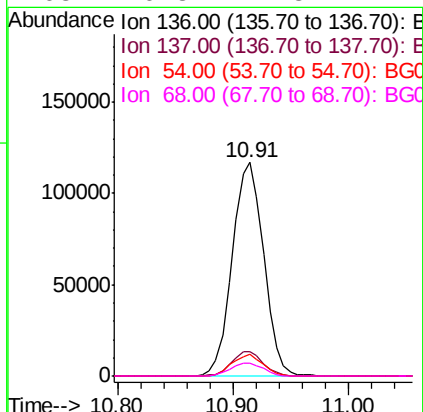
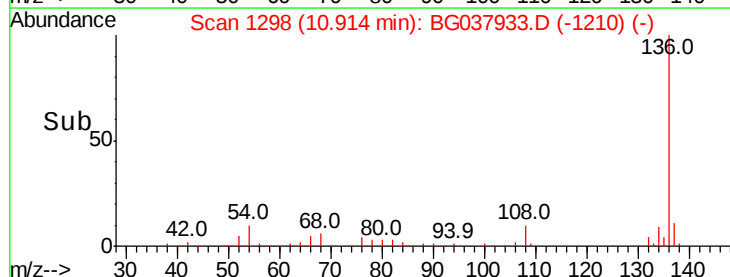
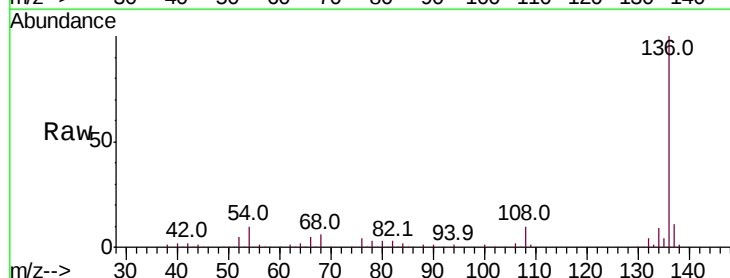
Ion Ratio Lower Upper

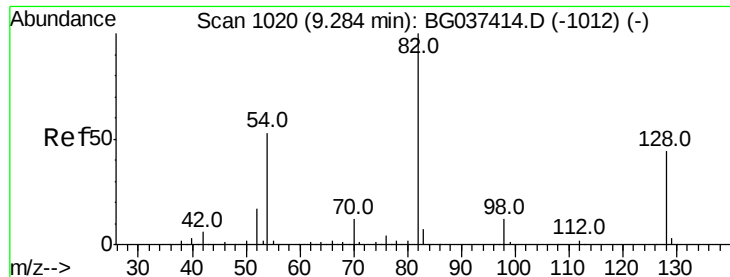
136 100

137 11.5 9.6 14.4

54 10.0 7.9 11.9

68 6.3 4.8 7.2

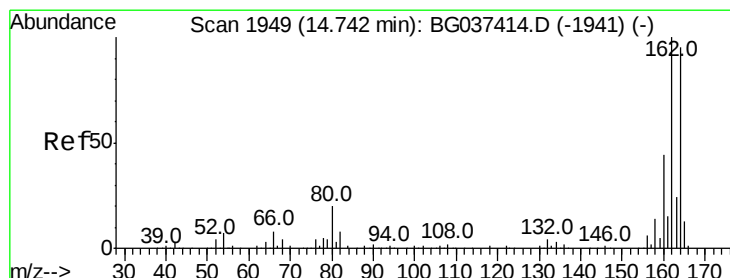
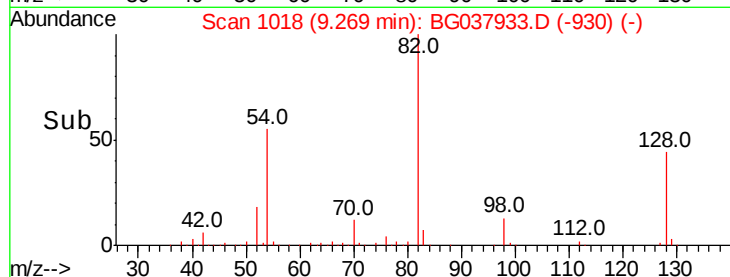
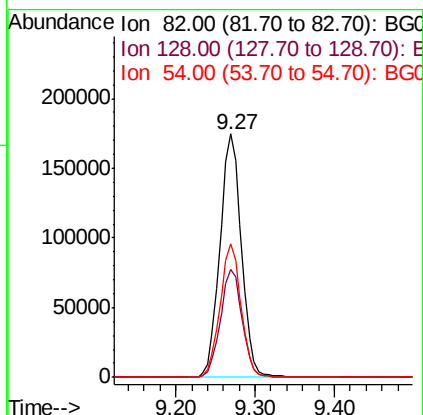
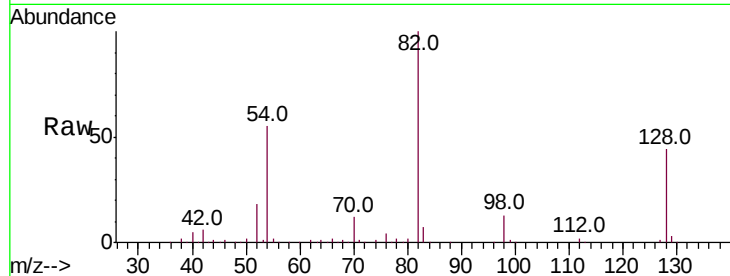




#23
 Nitrobenzene-d5
 Concen: 82.975 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG037933.D
 Acq: 9 Nov 2018 23:12

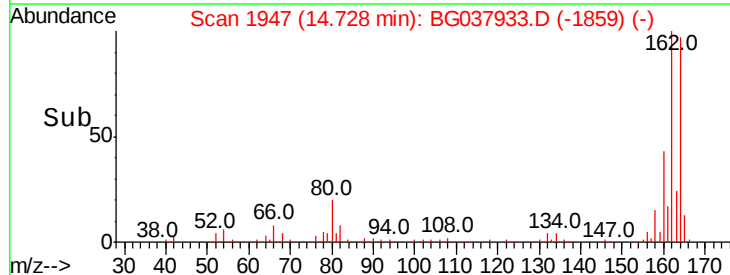
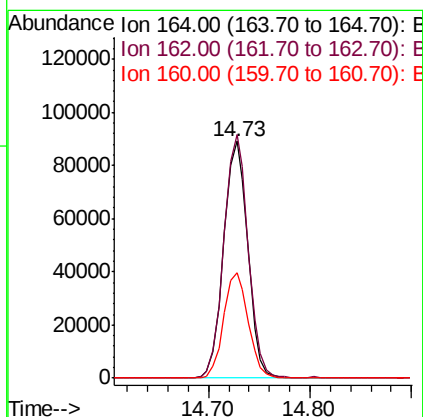
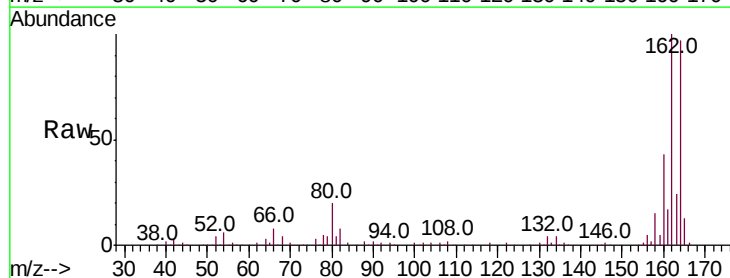
Instrument :
 BNA_G
 ClientSampleID :
 TP-8A-D

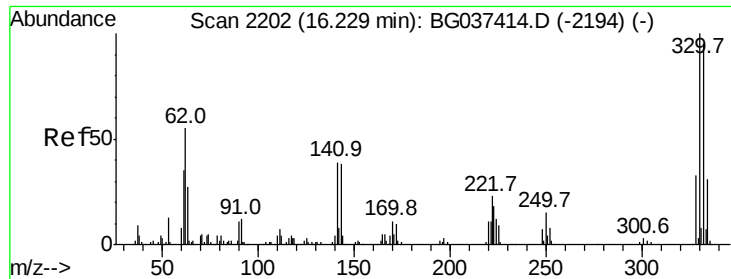
Tot Ion: 82 Resp: 326723
 Ion Ratio Lower Upper
 82 100
 128 44.2 34.6 51.8
 54 54.7 45.3 67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG037933.D
 Acq: 9 Nov 2018 23:12

Tgt Ion: 164 Resp: 147028
 Ion Ratio Lower Upper
 164 100
 162 102.9 81.3 121.9
 160 44.4 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 98.665 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037933.D

Acq: 9 Nov 2018 23:12

Instrument :

BNA_G

ClientSampleId :

TP-8A-D

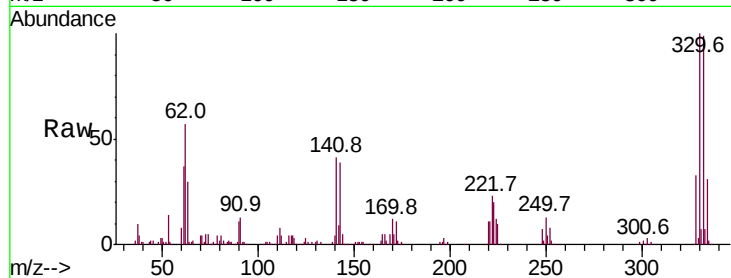
Tot Ion:330 Resp: 158221

Ion Ratio Lower Upper

330 100

332 98.2 78.4 117.6

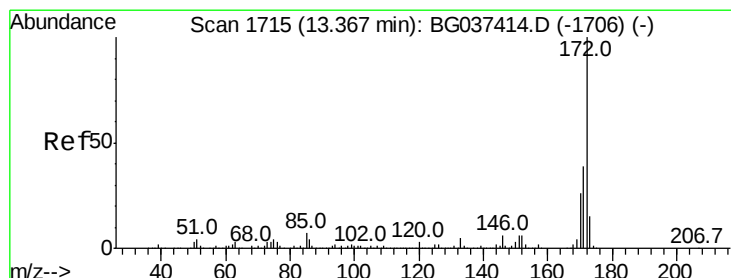
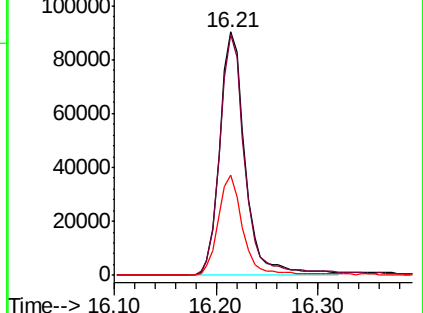
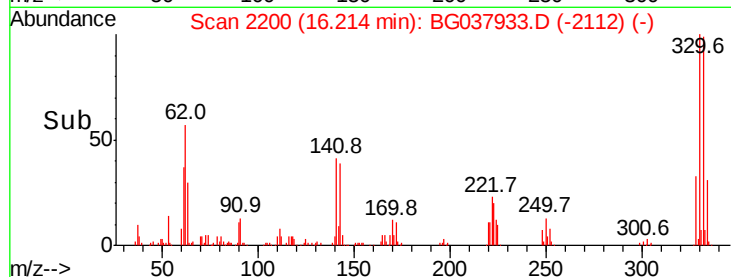
141 40.4 32.2 48.2



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: 78.165 ng

RT: 13.35 min Scan# 1712

Delta R.T. -0.02 min

Lab File: BG037933.D

Acq: 9 Nov 2018 23:12

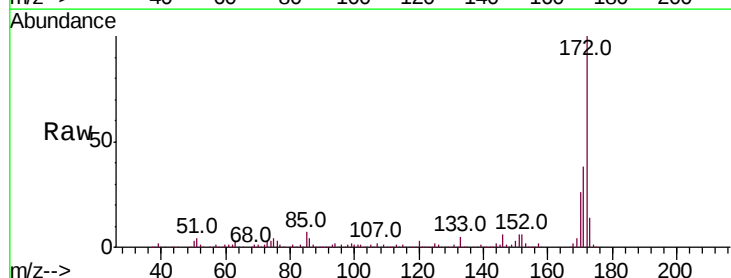
Tgt Ion:172 Resp: 762123

Ion Ratio Lower Upper

172 100

171 37.5 31.0 46.4

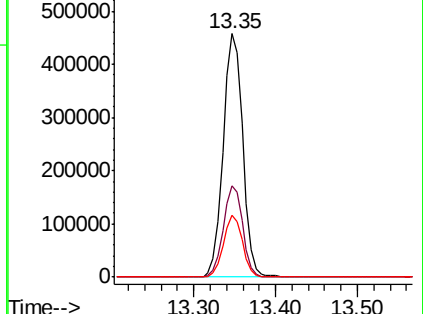
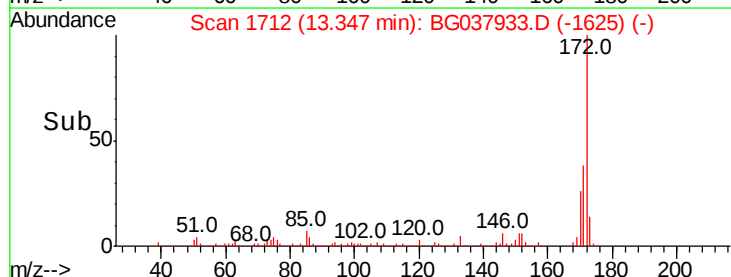
170 25.5 20.2 30.2

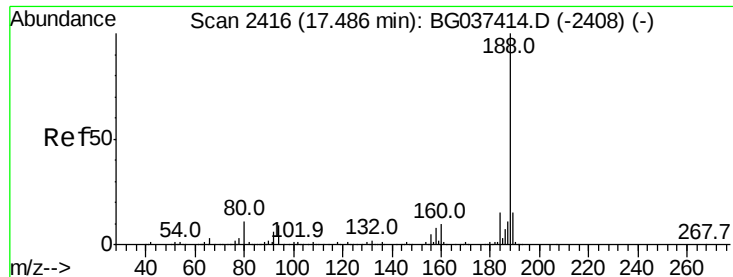


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

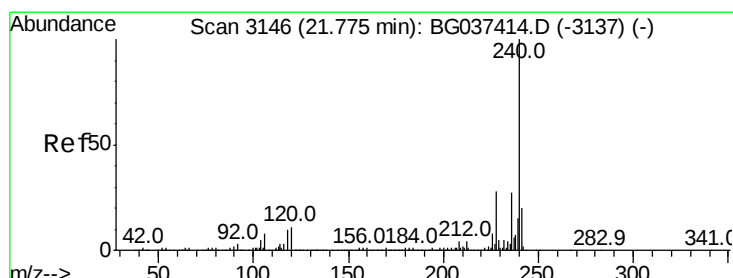
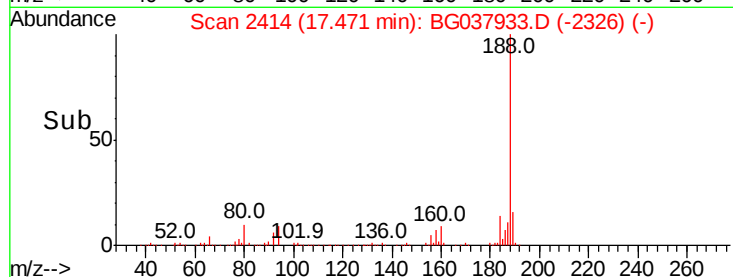
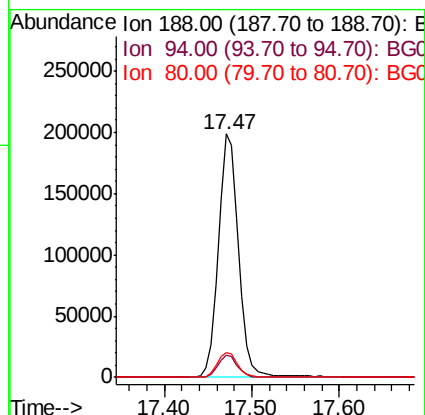
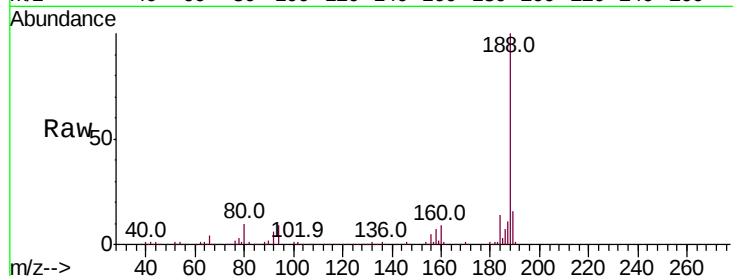




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037933.D
Acq: 9 Nov 2018 23:12

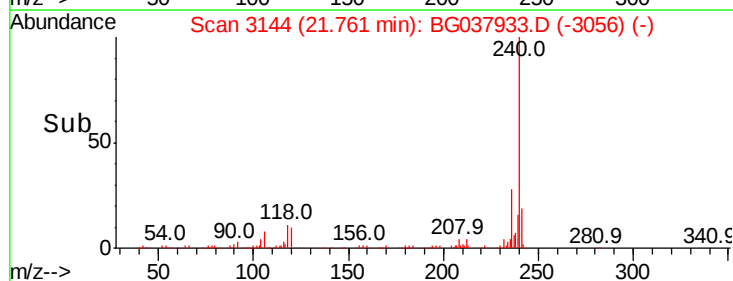
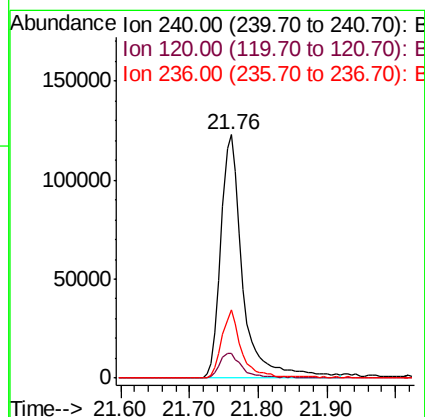
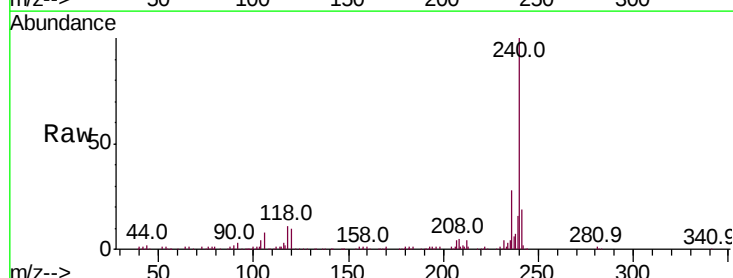
Instrument :
BNA_G
ClientSampled :
TP-8A-D

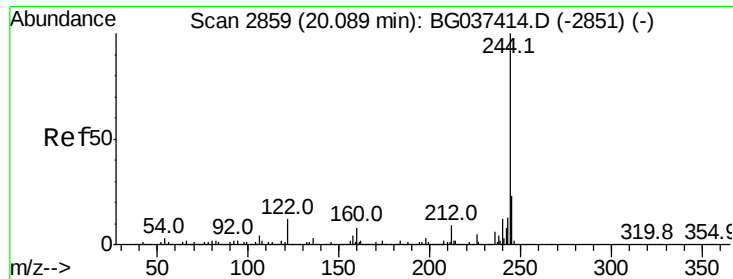
Tot Ion:188 Resp: 317201
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 10.0 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037933.D
Acq: 9 Nov 2018 23:12

Tgt Ion:240 Resp: 272453
Ion Ratio Lower Upper
240 100
120 10.2 8.1 12.1
236 27.8 21.4 32.0





#79

Terphenyl-d14

Concen: 89.924 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037933.D

Acq: 9 Nov 2018 23:12

Instrument :

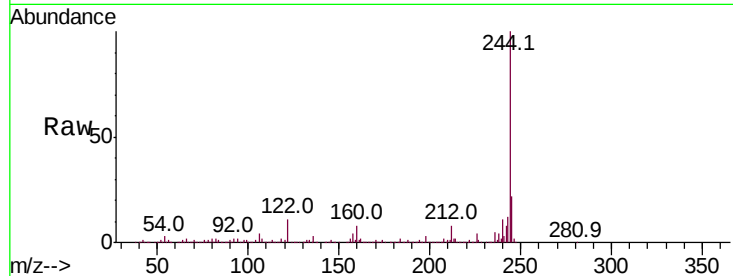
BNA_G

ClientSampleId :

TP-8A-D

Tot Ion:244 Resp: 1146600

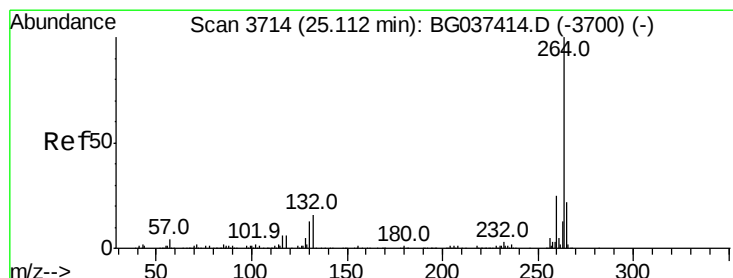
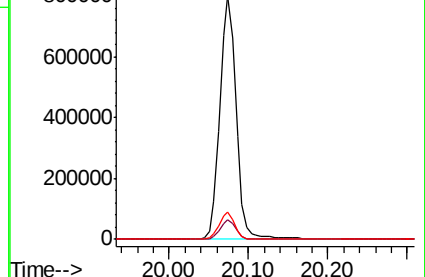
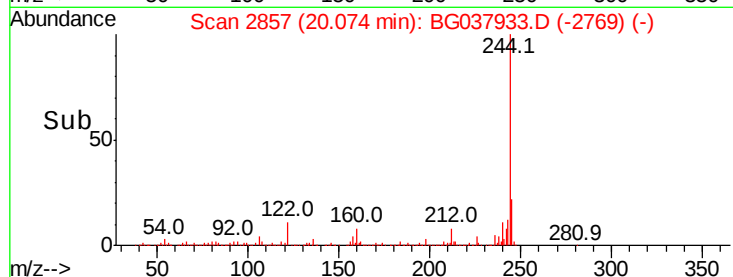
Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	11.1	9.0	13.4



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

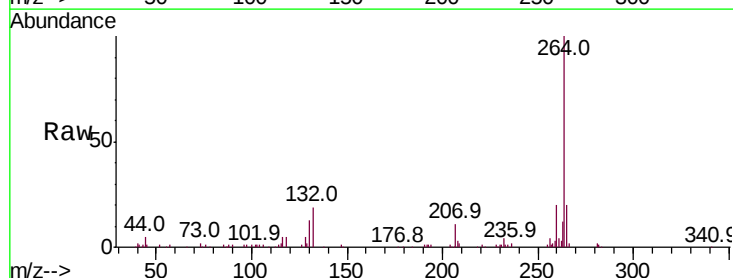
Delta R.T. -0.01 min

Lab File: BG037933.D

Acq: 9 Nov 2018 23:12

Tgt Ion:264 Resp: 206962

Ion	Ratio	Lower	Upper
264	100		
260	19.9	18.2	27.4
265	20.4	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

