

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037636.D
 Acq On : 29 Oct 2018 23:42
 Operator : JU/SJ
 Sample : J5665-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TWP-02

Quant Time: Oct 30 05:37:37 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	51402	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	227194	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	153622	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	370834	20.00	ng	0.00
76) Chrysene-d12	21.77	240	339681	20.00	ng	0.00
87) Perylene-d12	25.10	264	322228	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	151680	49.33	ng	0.00
7) Phenol-d6	7.24	99	135921	29.24	ng	0.00
23) Nitrobenzene-d5	9.27	82	310893	76.66	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	187890	112.14	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	760204	74.62	ng	0.00
79) Terphenyl-d14	20.08	244	1143272	71.92	ng	0.00

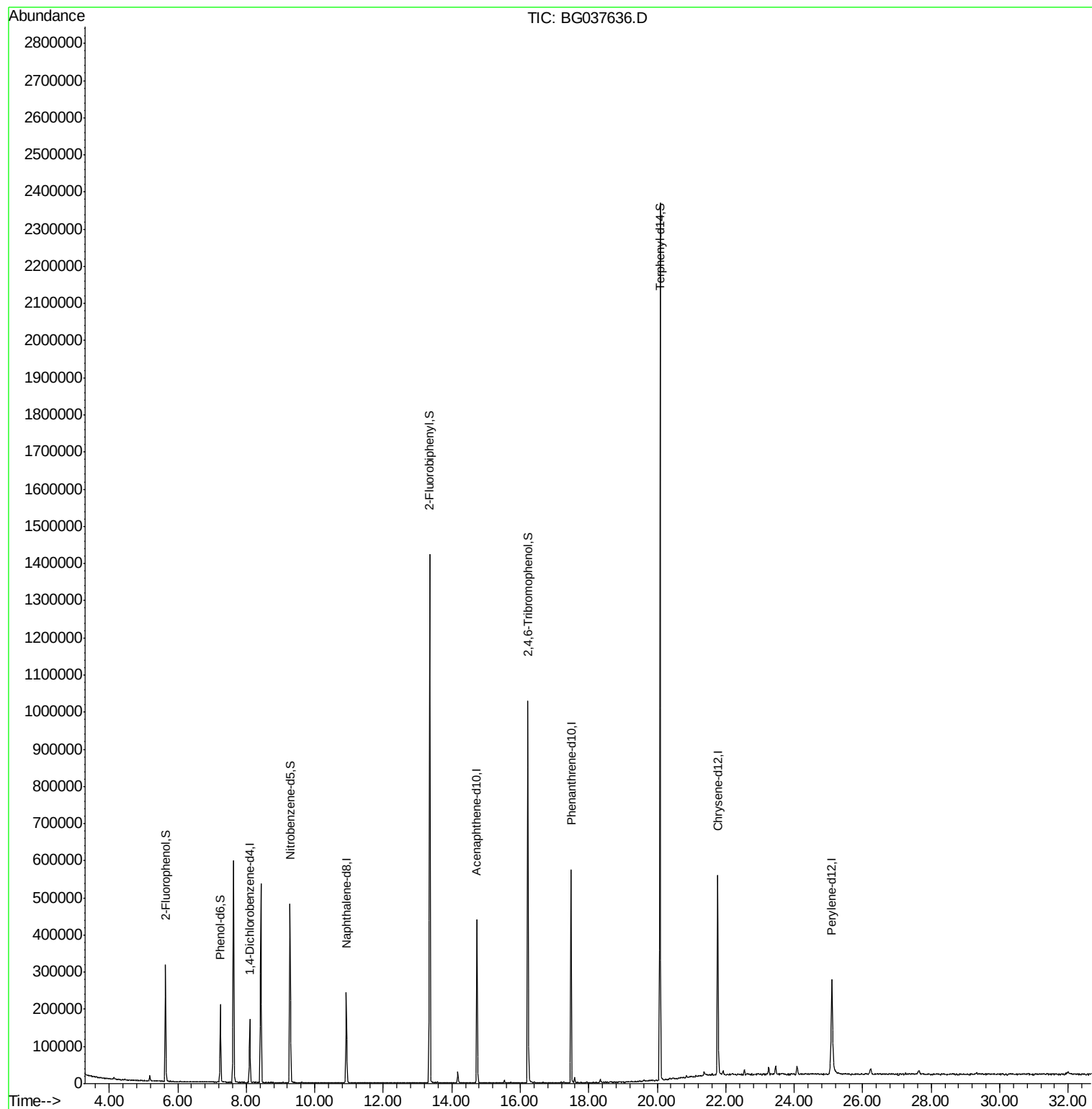
Target Compounds Qvalue

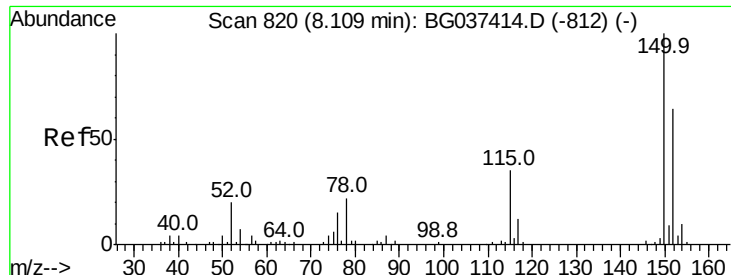
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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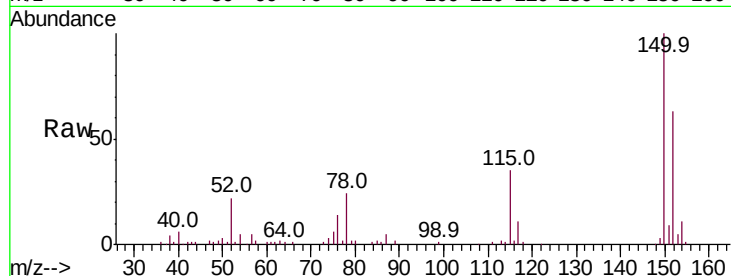


#1

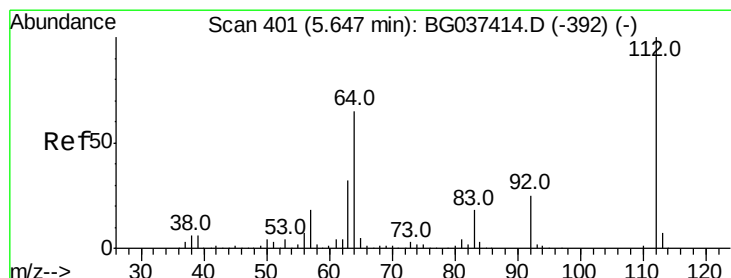
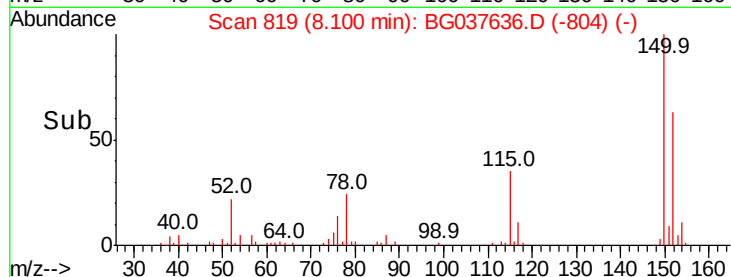
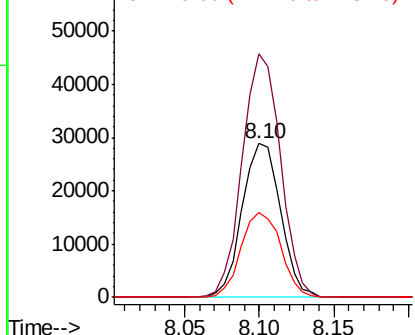
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037636.D
Acq: 29 Oct 2018 23:42

Instrument :
BNA_G
ClientSampleId :
TWP-02

Tot Ion:152 Resp: 51402
Ion Ratio Lower Upper
152 100
150 158.7 126.0 189.0
115 55.3 45.5 68.3



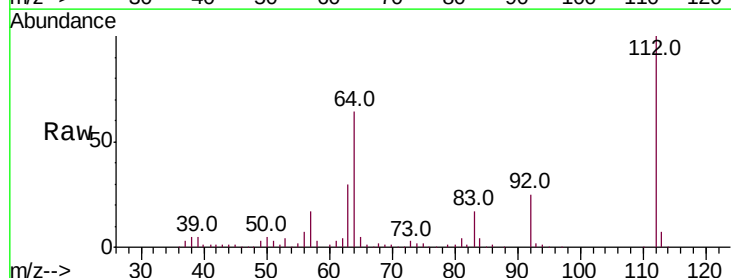
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



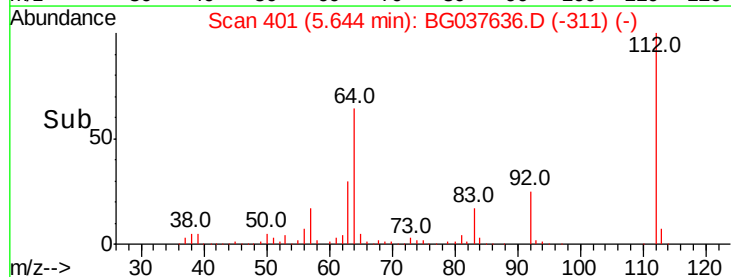
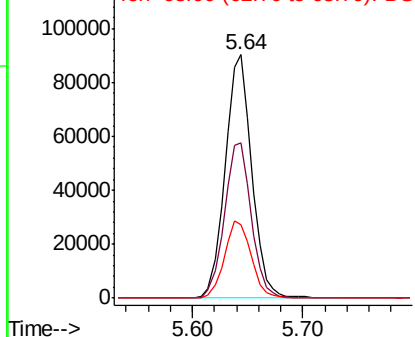
#5

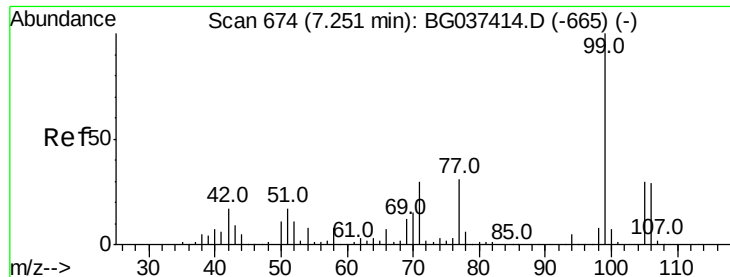
2-Fluorophenol
Concen: 49.334 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037636.D
Acq: 29 Oct 2018 23:42

Tgt Ion:112 Resp: 151680
Ion Ratio Lower Upper
112 100
64 64.0 53.1 79.7
63 30.1 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: 29.236 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037636.D

Acq: 29 Oct 2018 23:42

Instrument :

BNA_G

ClientSampleId :

TWP-02

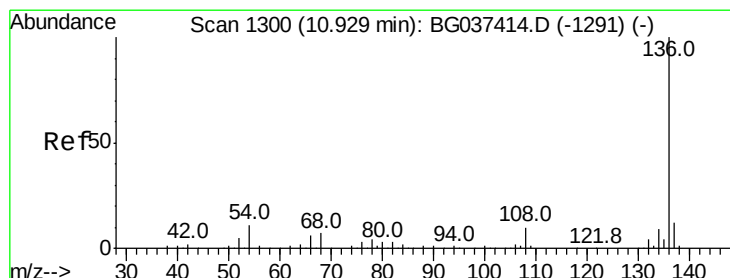
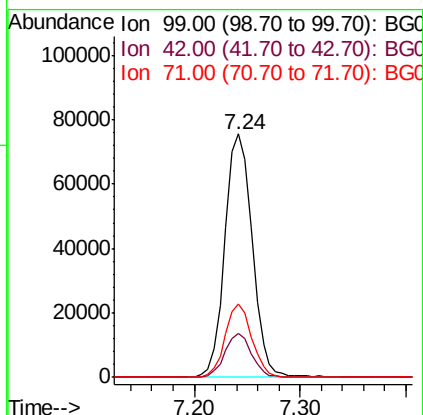
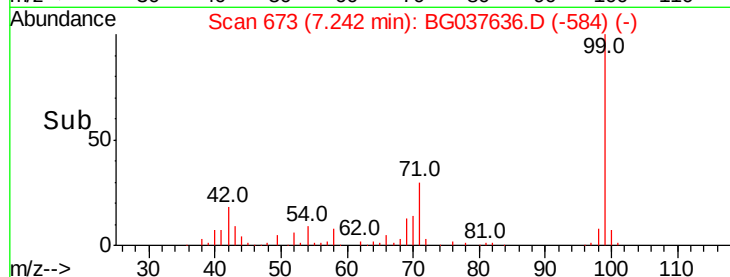
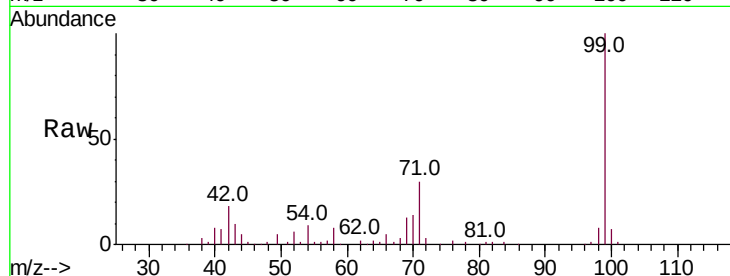
Tot Ion: 99 Resp: 135921

Ion Ratio Lower Upper

99 100

42 17.9 15.0 22.4

71 30.2 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG037636.D

Acq: 29 Oct 2018 23:42

Tgt Ion: 136 Resp: 227194

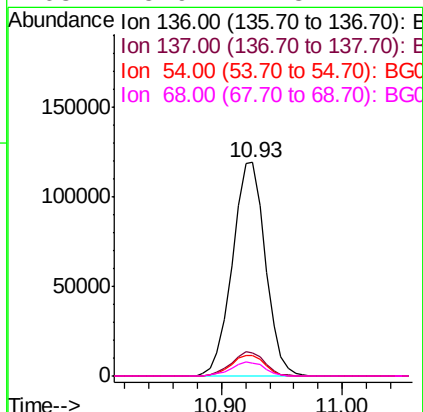
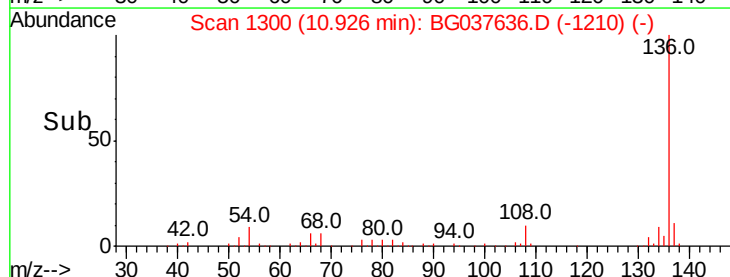
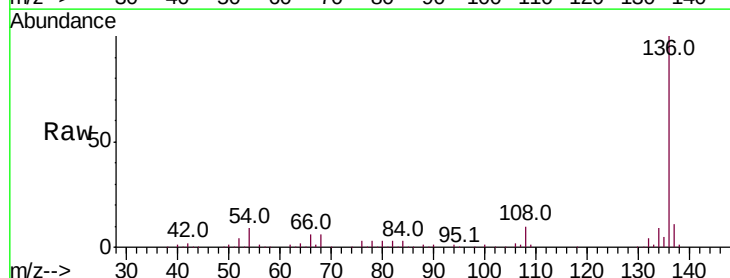
Ion Ratio Lower Upper

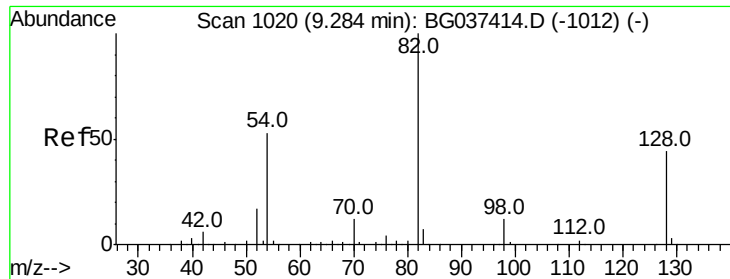
136 100

137 10.8 9.6 14.4

54 9.4 7.9 11.9

68 5.9 4.8 7.2

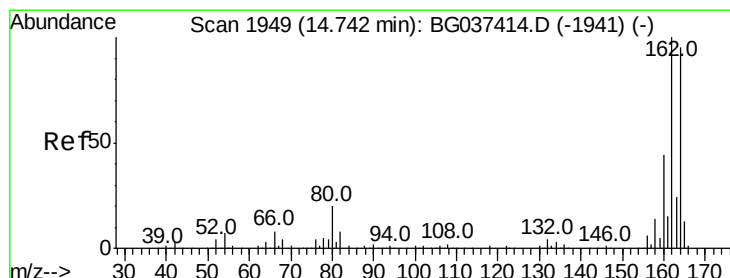
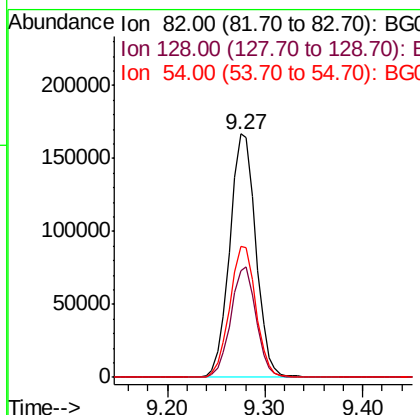
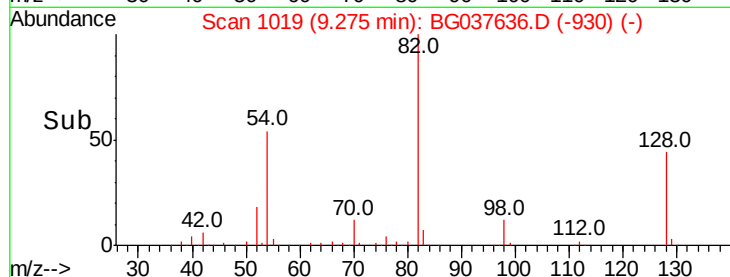
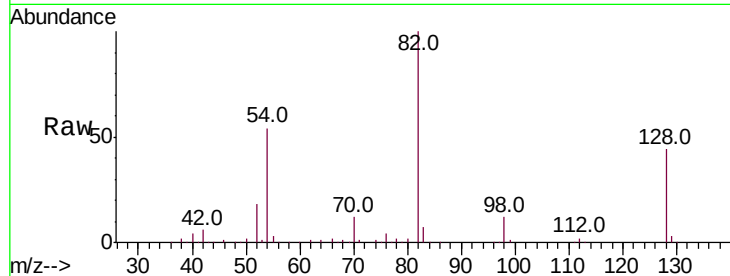




#23
 Nitrobenzene-d5
 Concen: 76.657 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037636.D
 Acq: 29 Oct 2018 23:42

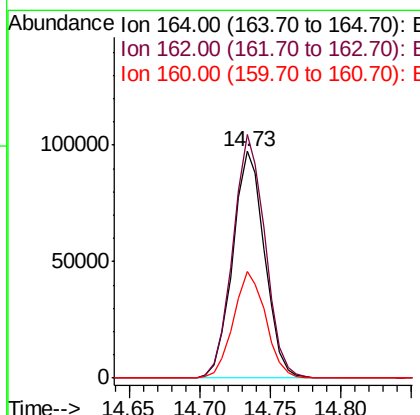
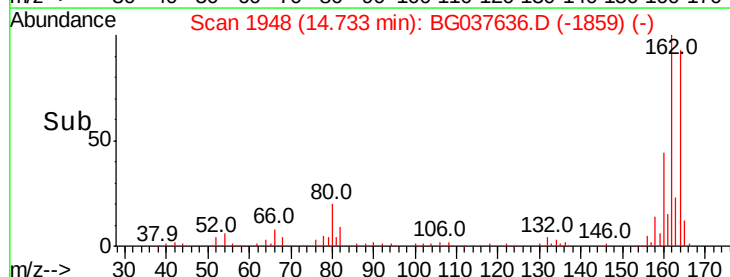
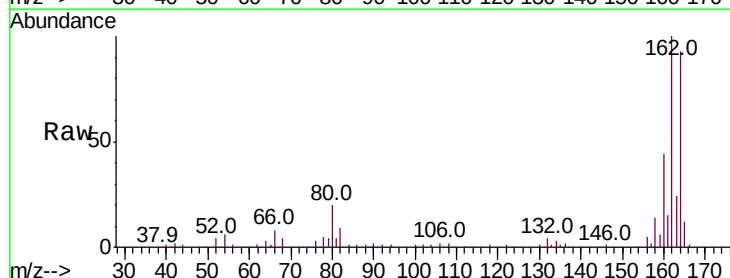
Instrument :
 BNA_G
 ClientSampleId :
 TWP-02

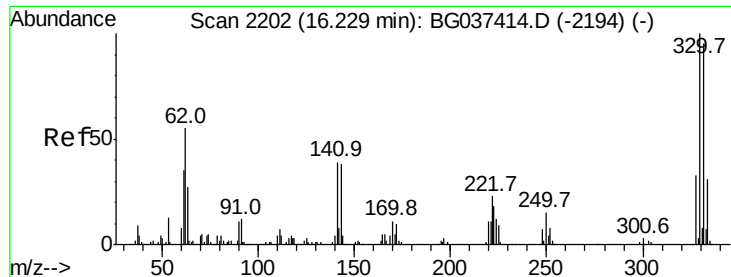
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.6	51.8
54	53.6	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037636.D
 Acq: 29 Oct 2018 23:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.3	81.3	121.9
160	46.9	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 112.137 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037636.D

Acq: 29 Oct 2018 23:42

Instrument :

BNA_G

ClientSampleId :

TWP-02

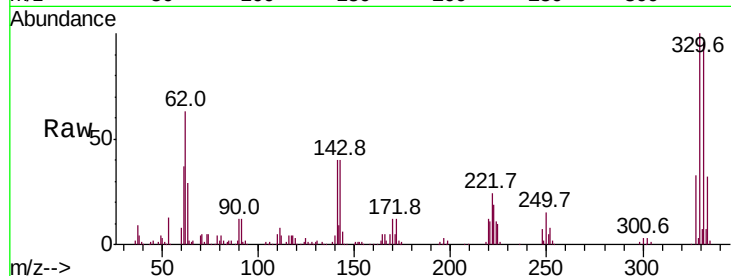
Tot Ion:330 Resp: 187890

Ion Ratio Lower Upper

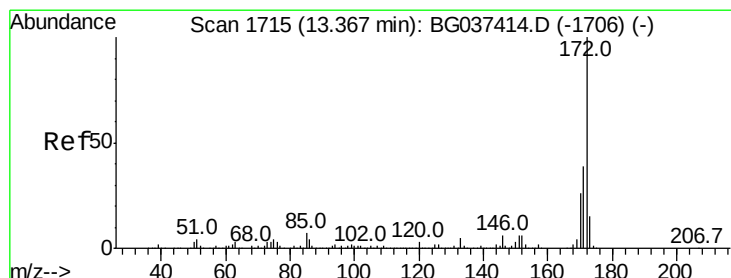
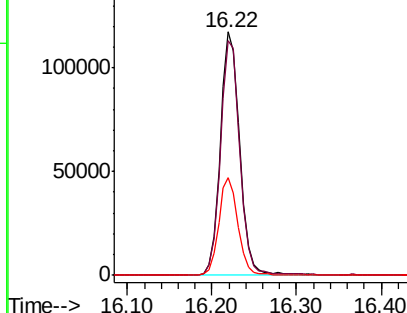
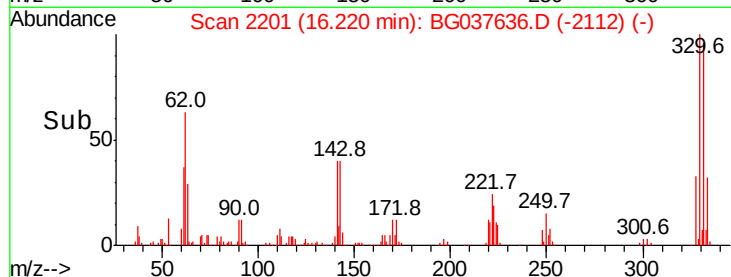
330 100

332 96.0 78.4 117.6

141 39.8 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: 74.621 ng

RT: 13.36 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG037636.D

Acq: 29 Oct 2018 23:42

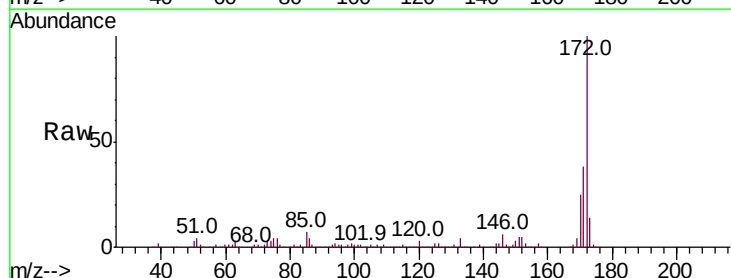
Tgt Ion:172 Resp: 760204

Ion Ratio Lower Upper

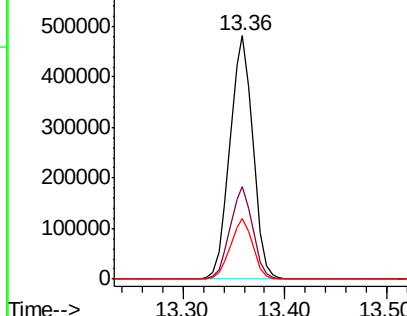
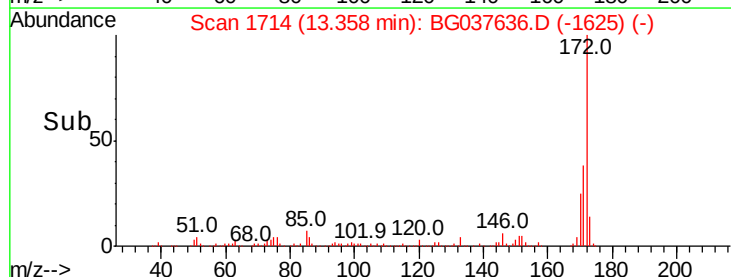
172 100

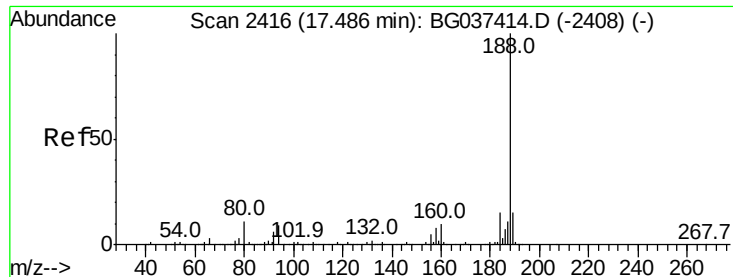
171 38.0 31.0 46.4

170 24.8 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

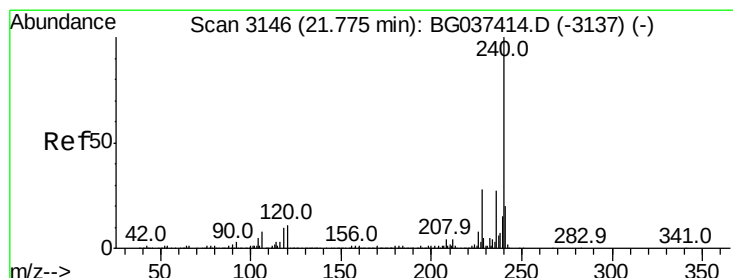
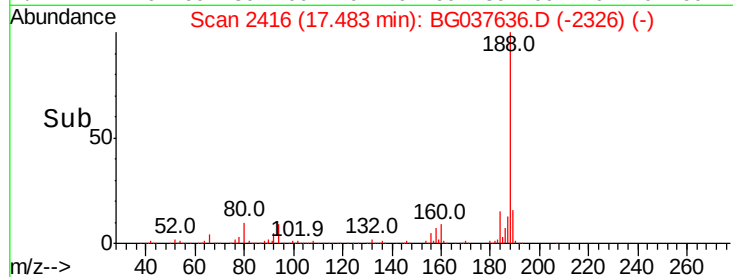
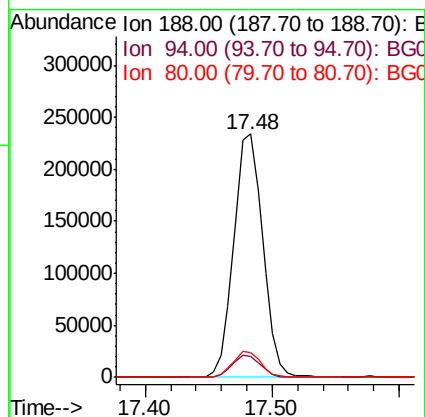
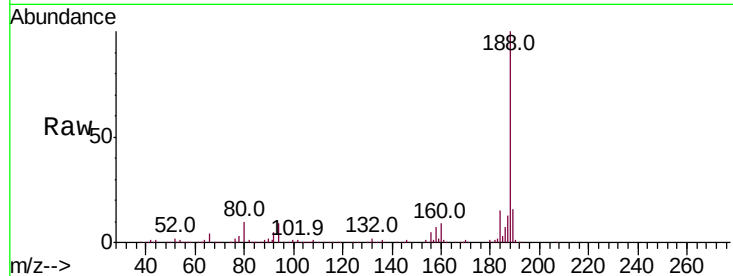




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037636.D
Acq: 29 Oct 2018 23:42

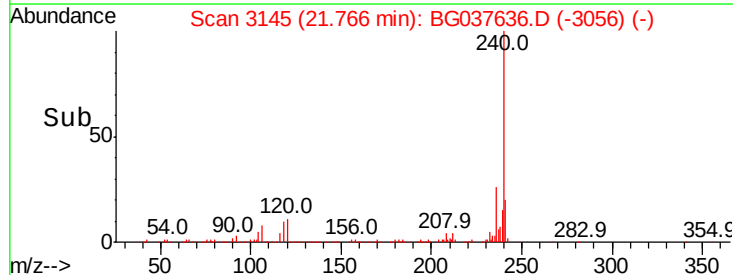
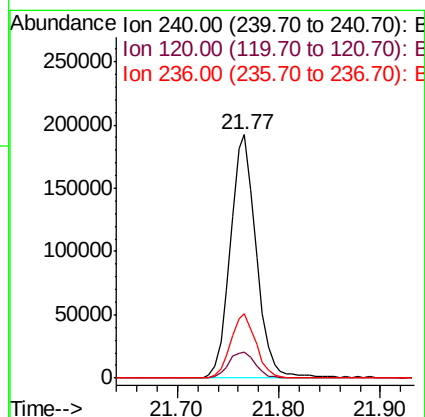
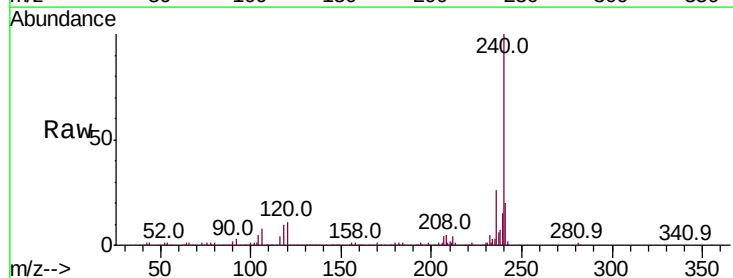
Instrument :
BNA_G
ClientSampleId :
TWP-02

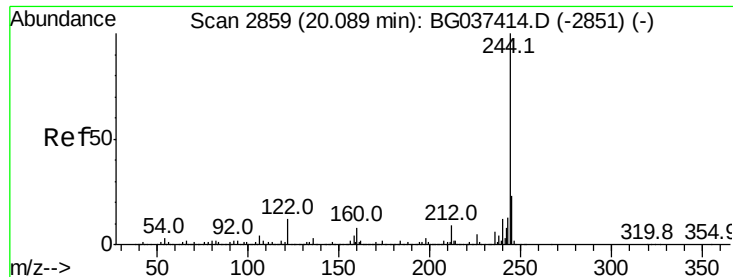
Tot Ion:188 Resp: 370834
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 10.3 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037636.D
Acq: 29 Oct 2018 23:42

Tgt Ion:240 Resp: 339681
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 26.5 21.4 32.0





#79

Terphenyl-d14

Concen: 71.918 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037636.D

Acq: 29 Oct 2018 23:42

Instrument :

BNA_G

ClientSampleId :

TWP-02

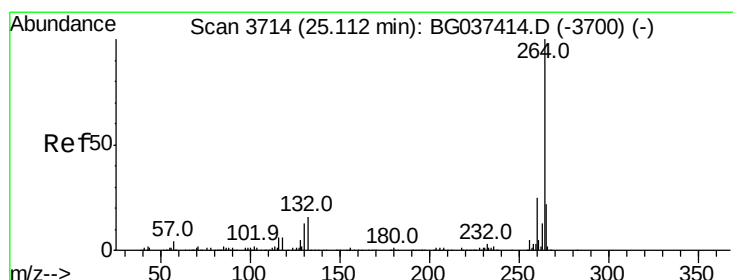
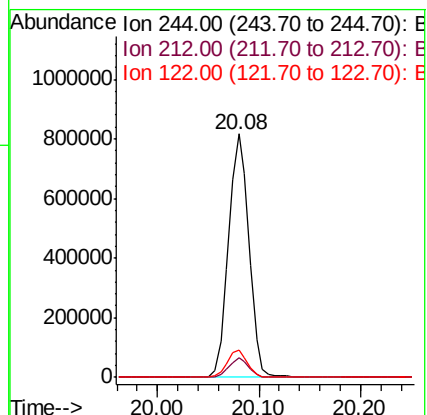
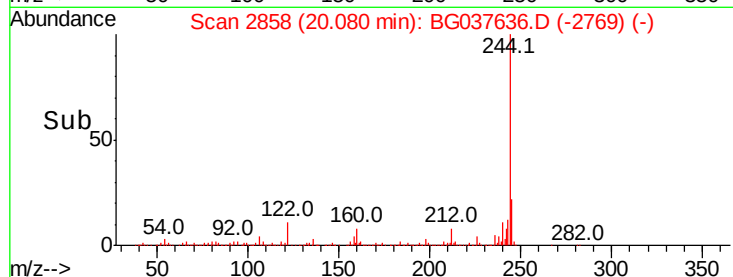
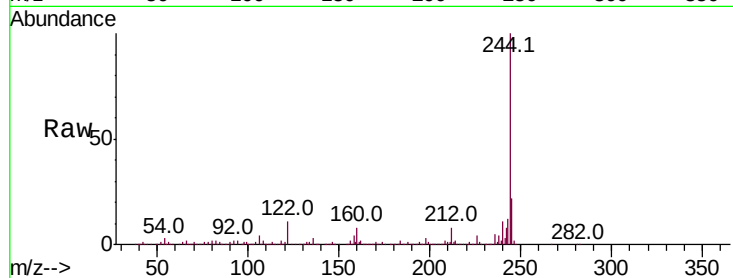
Tot Ion:244 Resp: 1143272

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 11.1 9.0 13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG037636.D

Acq: 29 Oct 2018 23:42

Tgt Ion:264 Resp: 322228

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 21.4 17.9 26.9

