

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037565.D
 Acq On : 26 Oct 2018 4:46
 Operator : JU/SJ
 Sample : J5649-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TWP-01

Quant Time: Oct 26 08:44:26 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

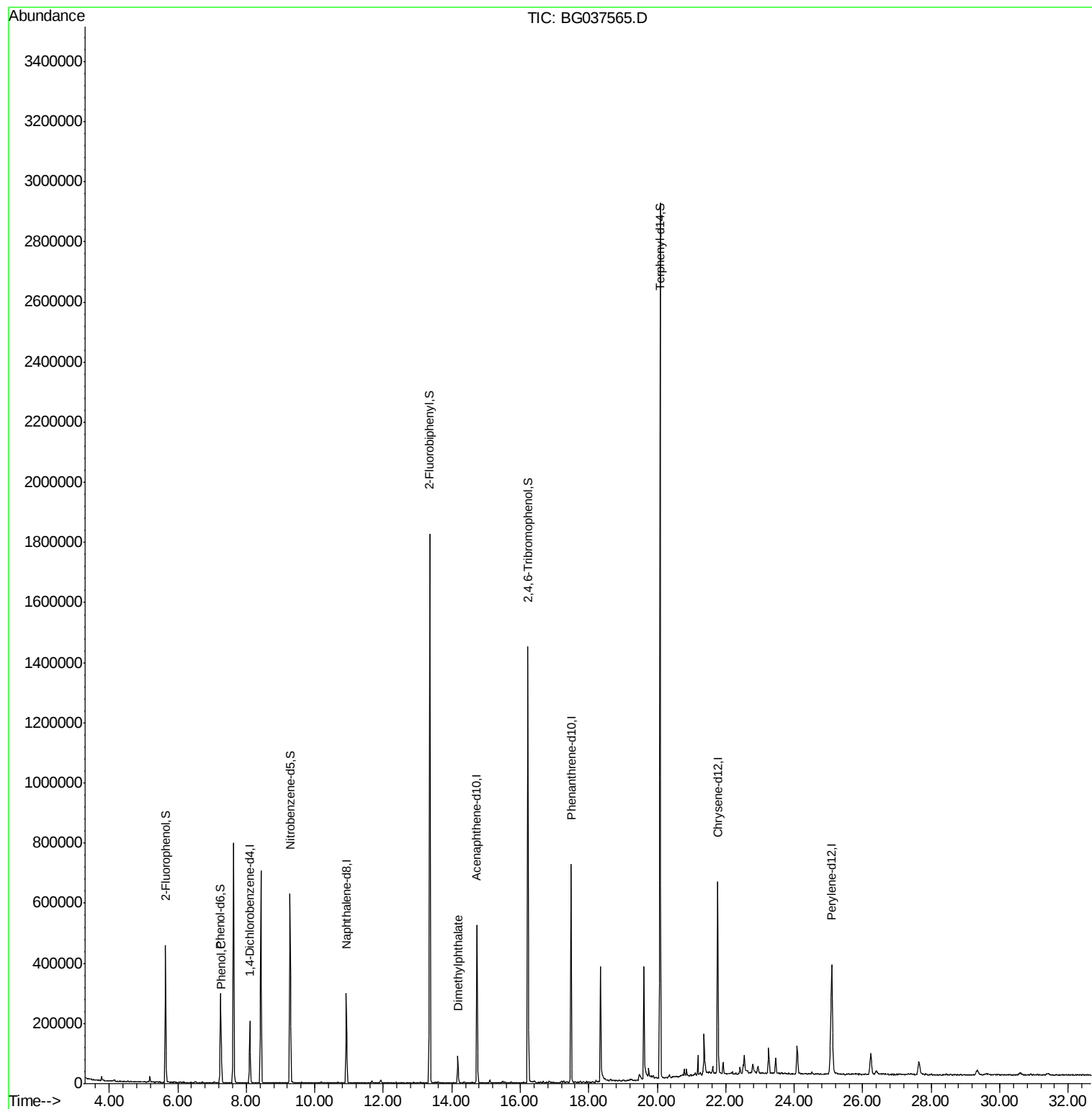
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	61387	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	274717	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	190268	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	447478	20.00	ng	0.00
76) Chrysene-d12	21.77	240	401985	20.00	ng	0.00
87) Perylene-d12	25.10	264	400337	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	209090	56.94	ng	0.00
7) Phenol-d6	7.24	99	190709	34.35	ng	0.00
23) Nitrobenzene-d5	9.28	82	399735	81.51	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	265089	127.74	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	977244	77.45	ng	0.00
79) Terphenyl-d14	20.08	244	1432902	76.17	ng	0.00
Target Compounds						
10) Phenol	7.27	94	74401	12.700	ng	98
50) Dimethylphthalate	14.18	163	65605	4.457	ng	98

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

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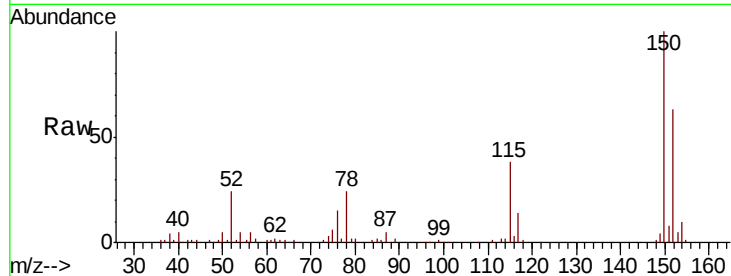


#1

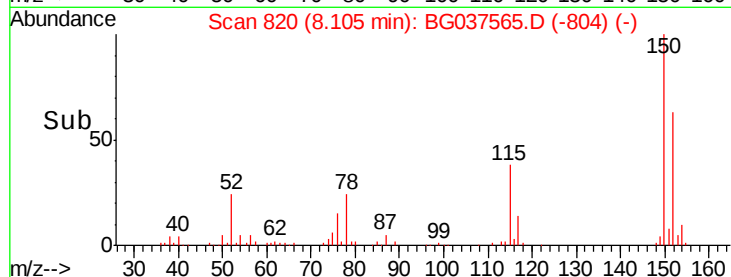
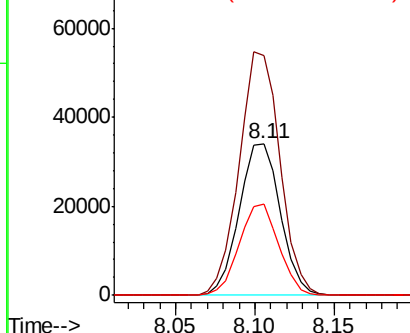
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

Instrument :
BNA_G
ClientSampleId :
TWP-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.0	189.0
115	59.7	45.5	68.3



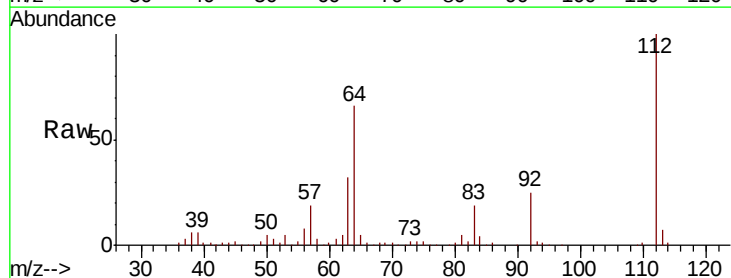
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



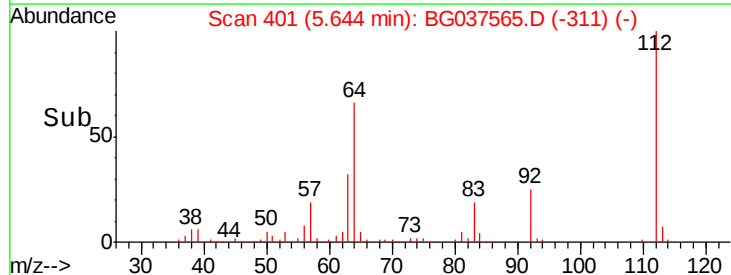
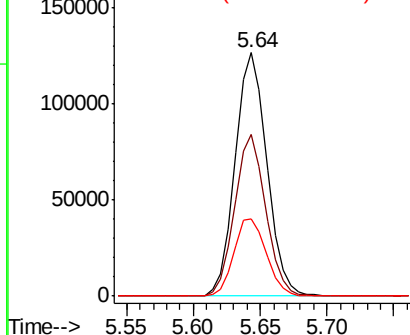
#5

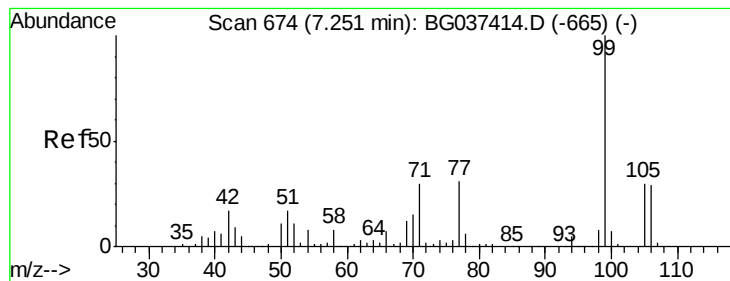
2-Fluorophenol
Concen: 56.945 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	53.1	79.7
63	31.9	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: 34.348 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037565.D

Acq: 26 Oct 2018 4:46

Instrument :

BNA_G

ClientSampleId :

TWP-01

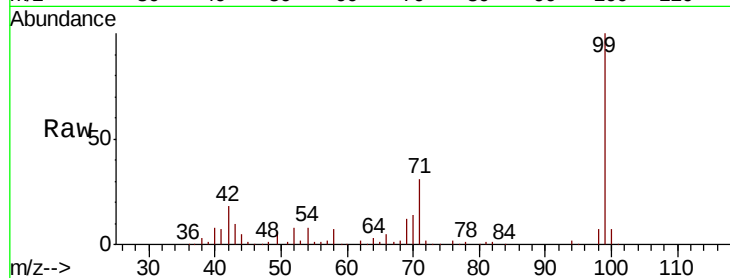
Tot Ion: 99 Resp: 190709

Ion Ratio Lower Upper

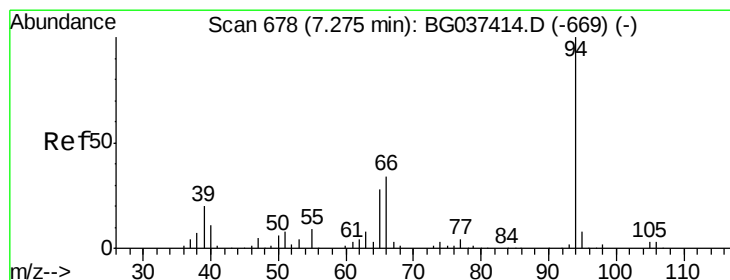
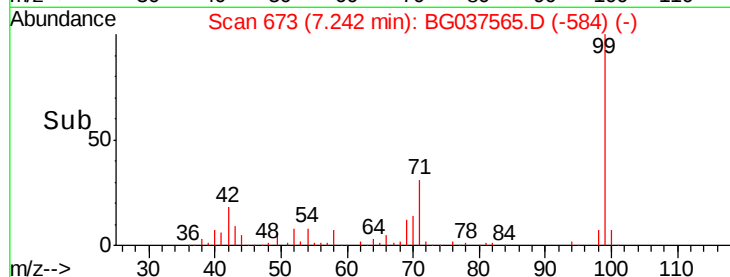
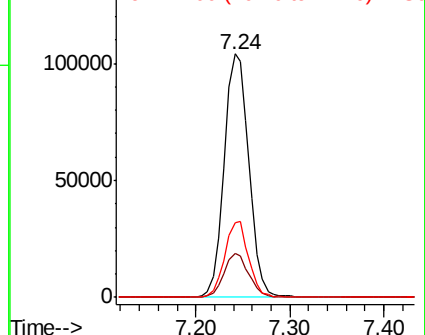
99 100

42 17.9 15.0 22.4

71 30.7 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 12.700 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037565.D

Acq: 26 Oct 2018 4:46

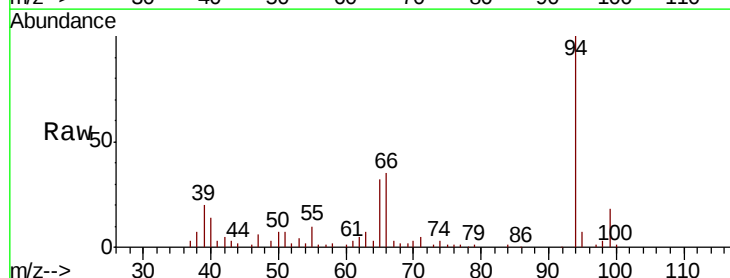
Tgt Ion: 94 Resp: 74401

Ion Ratio Lower Upper

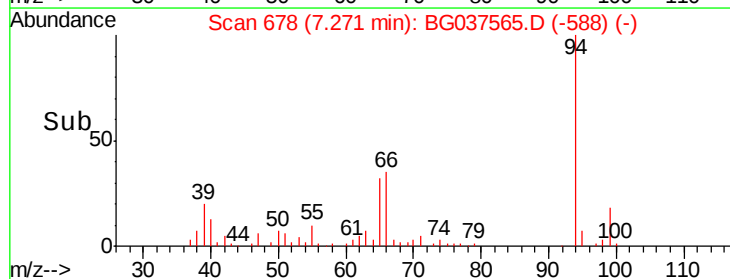
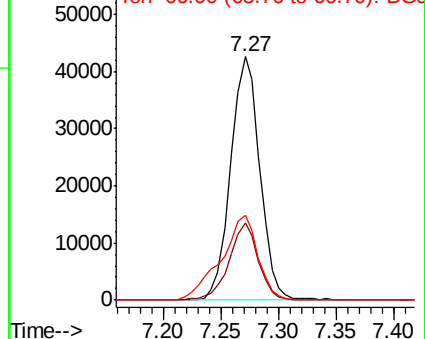
94 100

65 31.6 9.7 49.7

66 35.0 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

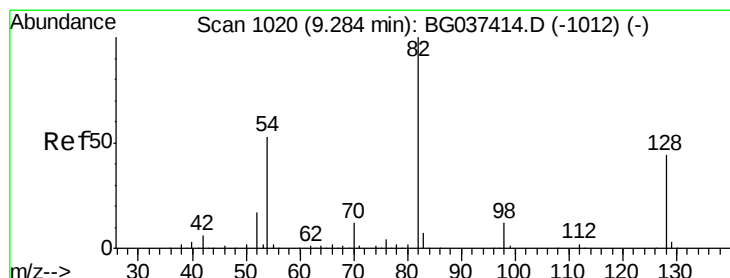
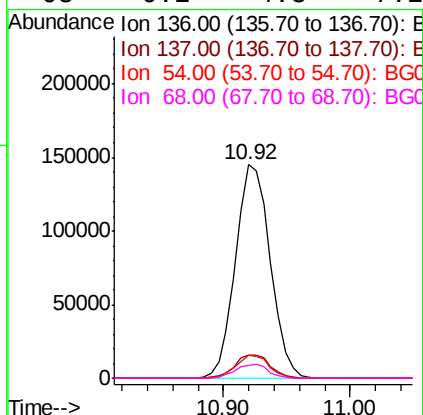
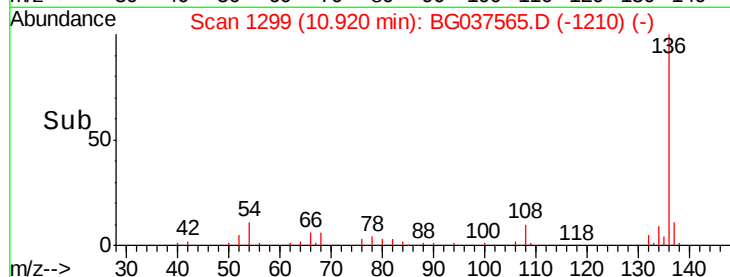
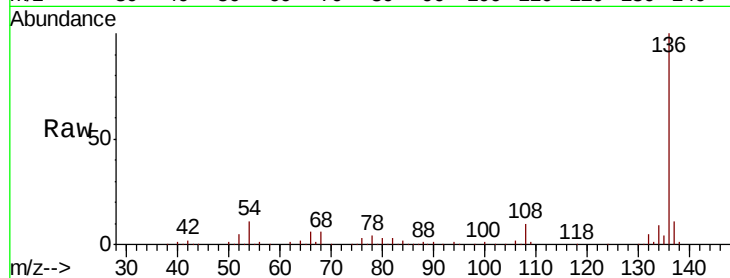




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

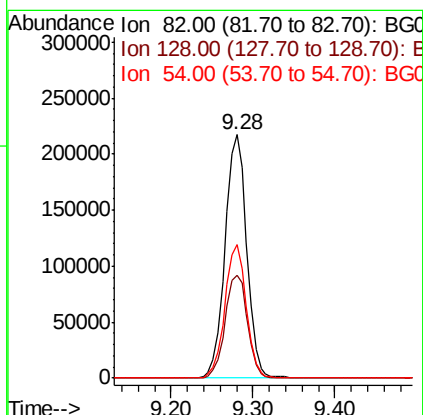
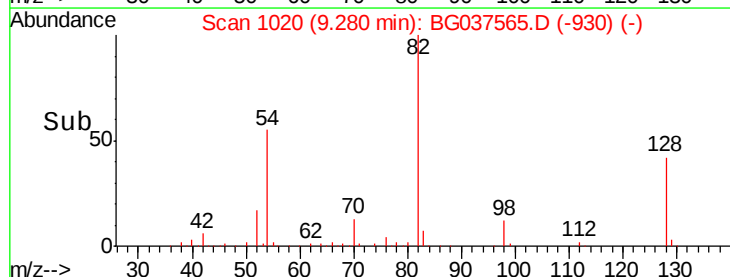
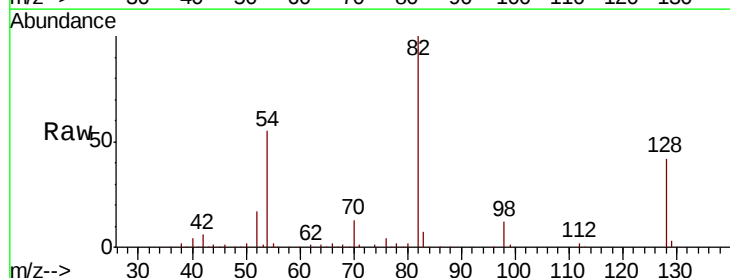
Instrument :
BNA_G
ClientSampleId :
TWP-01

Tot Ion:136	Resp:	274717
Ion	Ratio	Lower Upper
136	100	
137	10.6	9.6 14.4
54	11.1	7.9 11.9
68	6.2	4.8 7.2



#23
Nitrobenzene-d5
Concen: 81.512 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

Tgt Ion: 82	Resp:	399735
Ion	Ratio	Lower Upper
82	100	
128	42.3	34.6 51.8
54	54.7	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: BG037565.D

Acq: 26 Oct 2018 4:46

Instrument :

BNA_G

ClientSampleId :

TWP-01

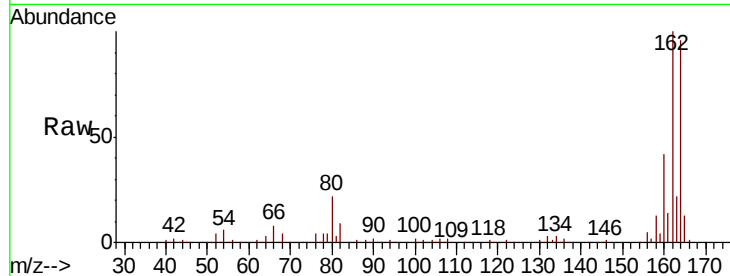
Tot Ion:164 Resp: 190268

Ion Ratio Lower Upper

164 100

162 104.0 81.3 121.9

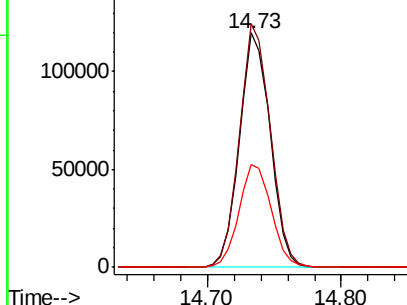
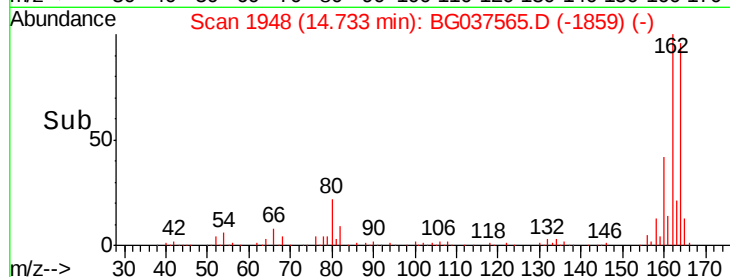
160 43.8 36.3 54.5



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: 127.739 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037565.D

Acq: 26 Oct 2018 4:46

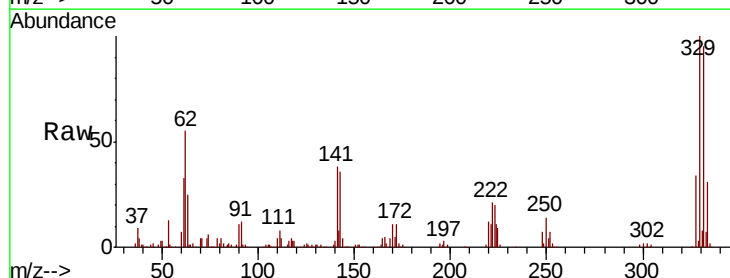
Tgt Ion:330 Resp: 265089

Ion Ratio Lower Upper

330 100

332 94.9 78.4 117.6

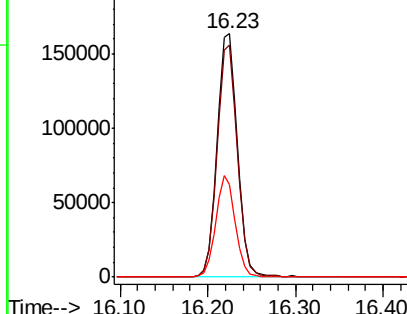
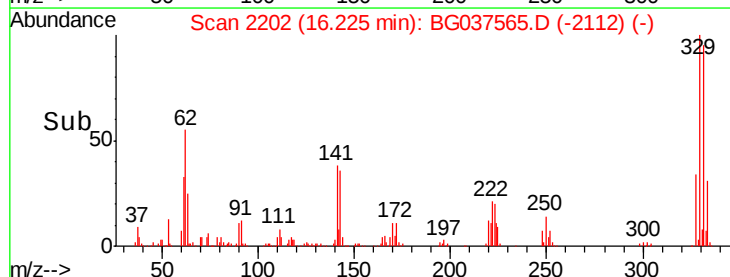
141 39.7 32.2 48.2



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

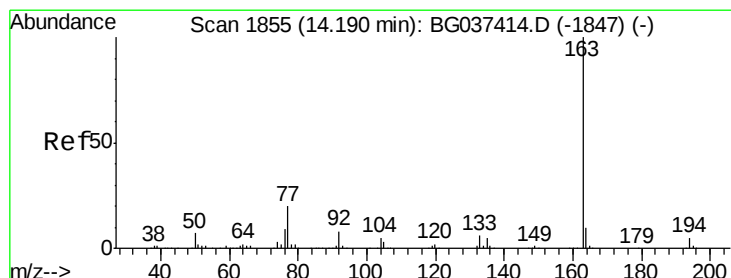
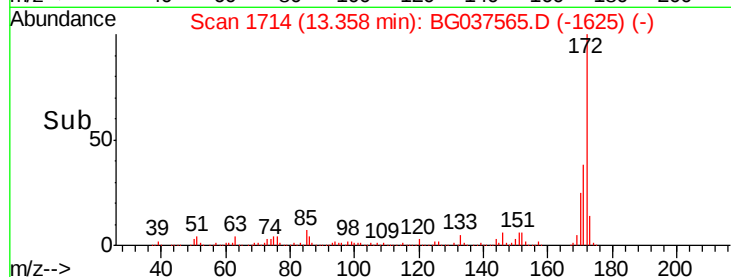
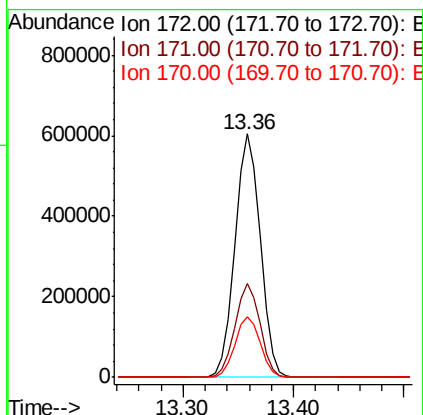
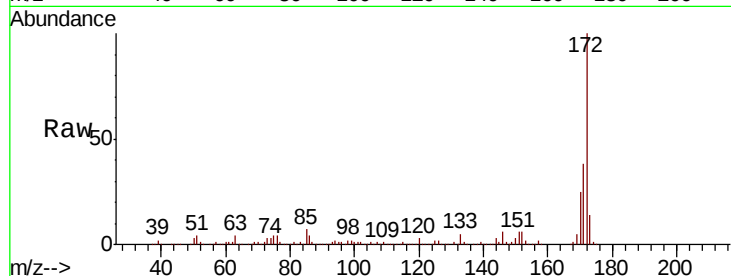




#45
2-Fluorobiphenyl
Concen: 77.450 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

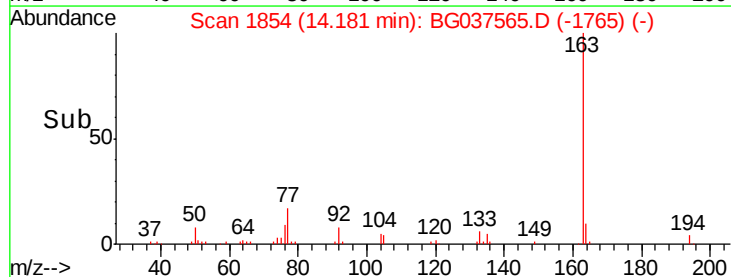
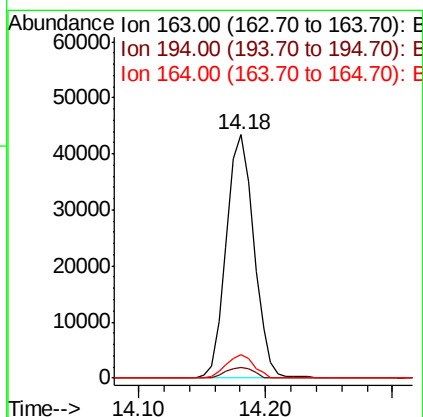
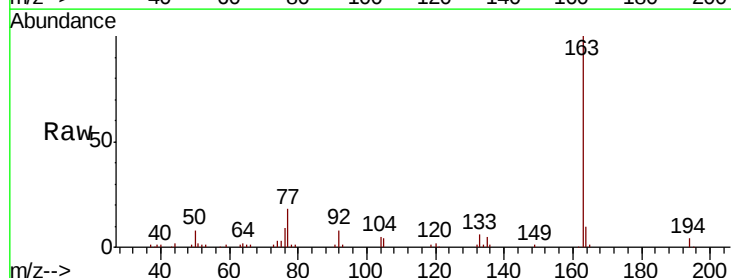
Instrument :
BNA_G
ClientSampleId :
TWP-01

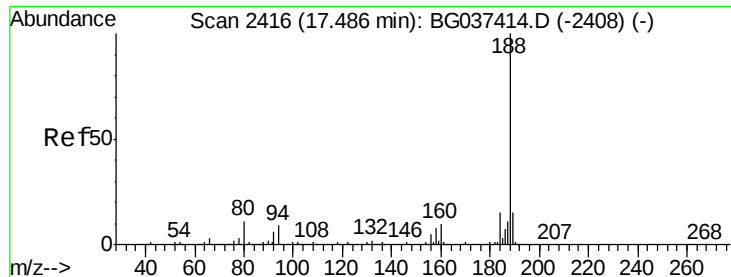
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.0	46.4
170	25.1	20.2	30.2



#50
Dimethylphthalate
Concen: 4.457 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	9.8	8.5	12.7

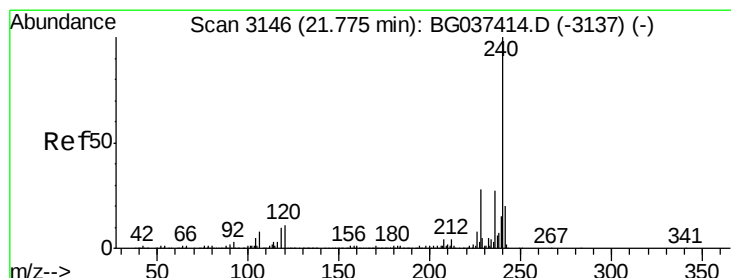
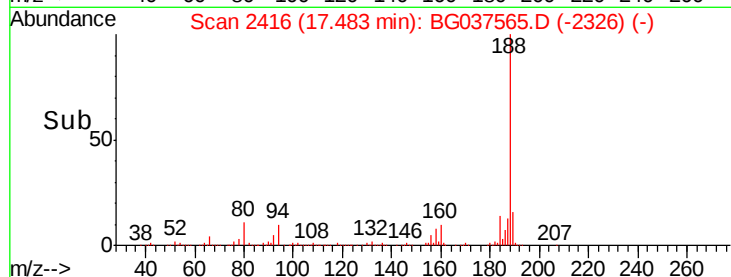
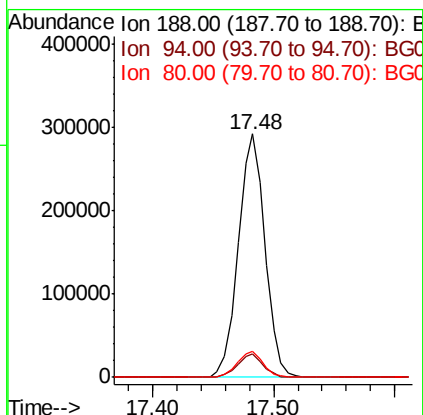
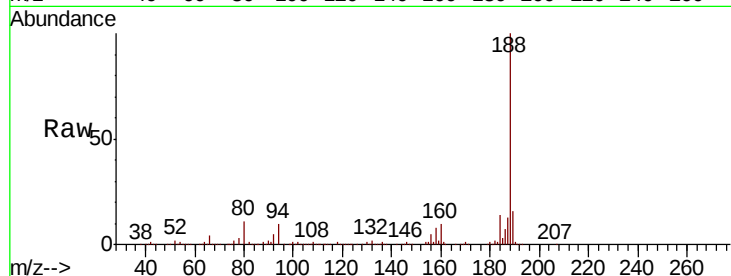




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

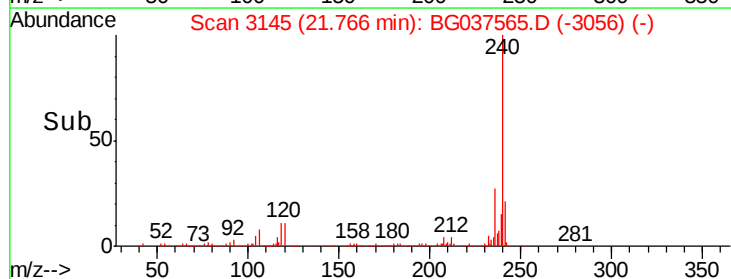
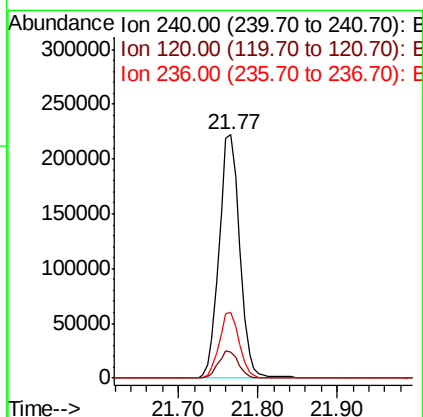
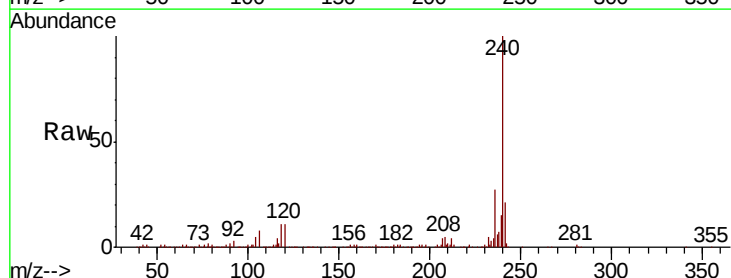
Instrument :
BNA_G
ClientSampleId :
TWP-01

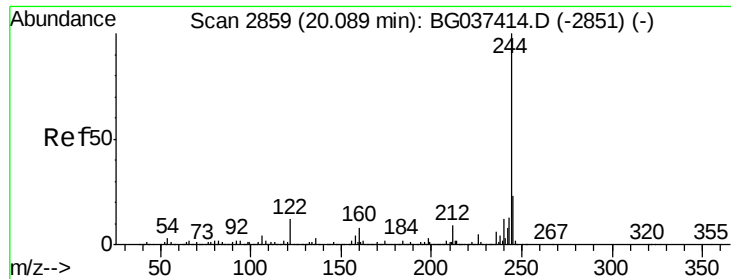
Tot Ion:188 Resp: 447478
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 10.7 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

Tgt Ion:240 Resp: 401985
Ion Ratio Lower Upper
240 100
120 10.9 8.1 12.1
236 26.8 21.4 32.0





#79

Terphenyl-d14

Concen: 76.166 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037565.D

Acq: 26 Oct 2018 4:46

Instrument :

BNA_G

ClientSampleId :

TWP-01

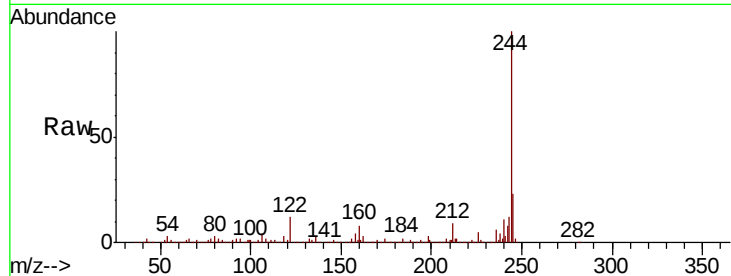
Tot Ion:244 Resp: 1432902

Ion Ratio Lower Upper

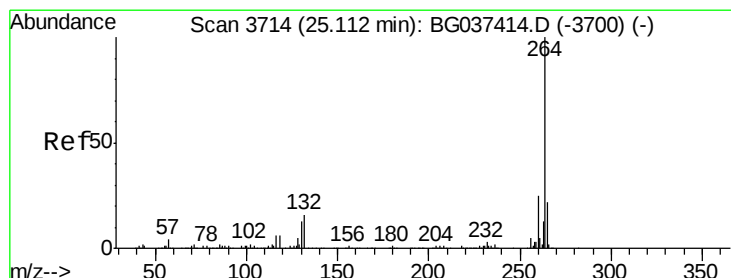
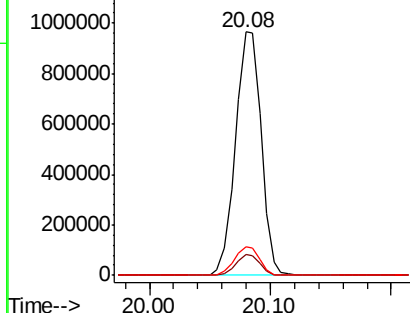
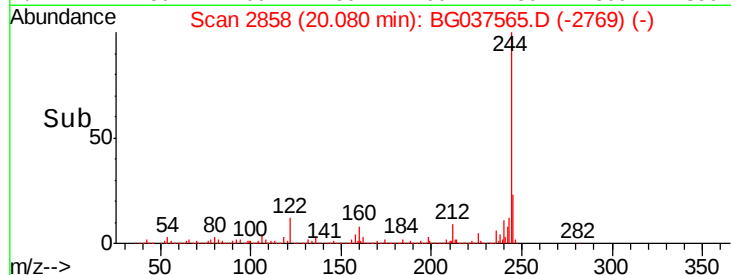
244 100

212 8.7 6.5 9.7

122 12.0 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. -0.02 min

Lab File: BG037565.D

Acq: 26 Oct 2018 4:46

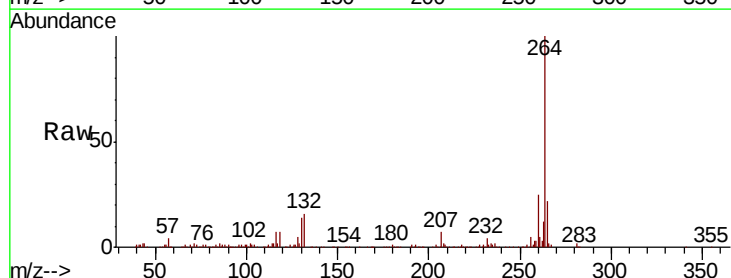
Tgt Ion:264 Resp: 400337

Ion Ratio Lower Upper

264 100

260 24.6 18.2 27.4

265 21.9 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

