

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
 Data File : BG037598.D
 Acq On : 27 Oct 2018 2:20
 Operator : JU/SJ
 Sample : J5676-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-1018-S-TCLP-GRID40

Quant Time: Oct 27 04:09:17 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	55788	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	241238	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	161762	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	407220	20.00	ng	0.00
76) Chrysene-d12	21.77	240	378449	20.00	ng	0.00
87) Perylene-d12	25.10	264	351066	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	387446	116.11	ng	0.00
7) Phenol-d6	7.24	99	505457	100.17	ng	0.00
23) Nitrobenzene-d5	9.28	82	365421	84.86	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	214758	121.72	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	854251	79.63	ng	0.00
79) Terphenyl-d14	20.08	244	1428976	80.68	ng	0.00

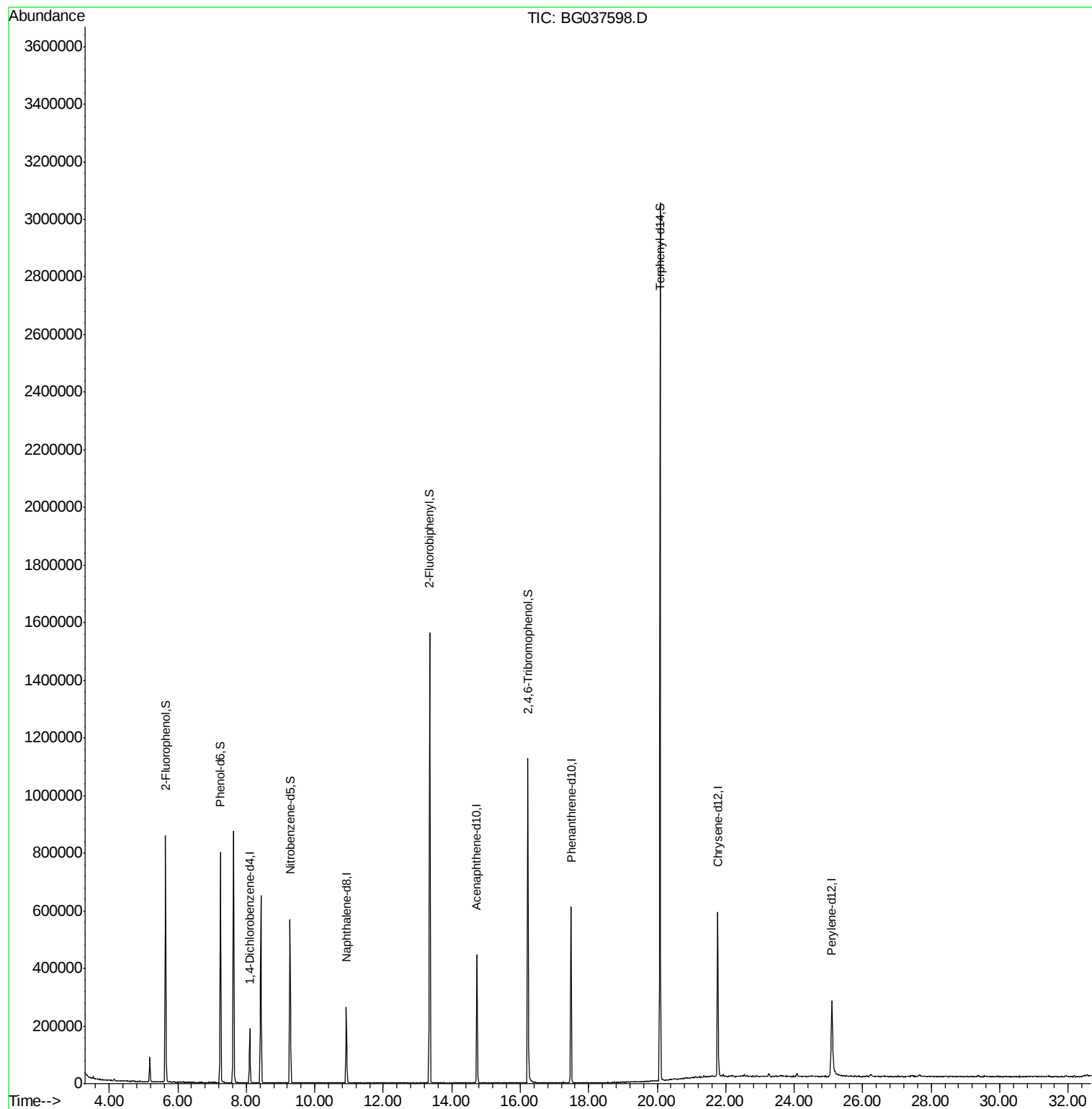
Target Compounds Qvalue

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

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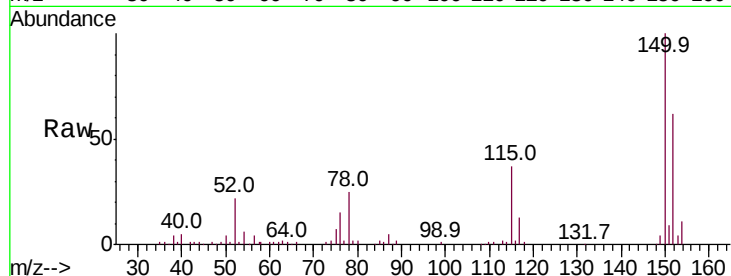


#1

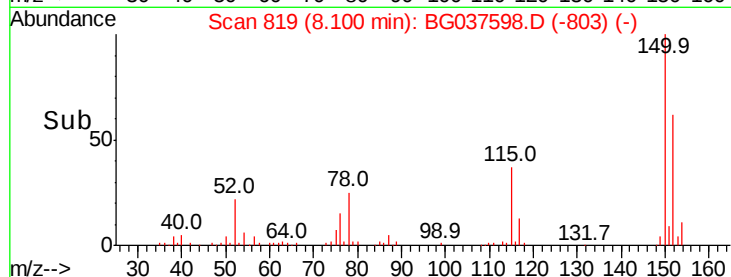
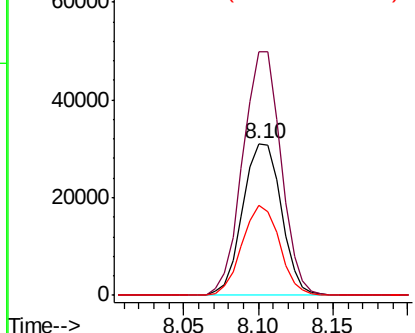
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037598.D
Acq: 27 Oct 2018 2:20

Instrument :
BNA_G
ClientSampleId :
CB-1018-S-TCLP-GRID40

Tot Ion:152 Resp: 55788
Ion Ratio Lower Upper
152 100
150 160.1 126.0 189.0
115 59.3 45.5 68.3



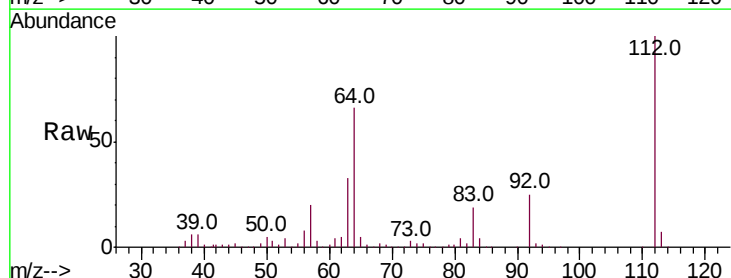
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



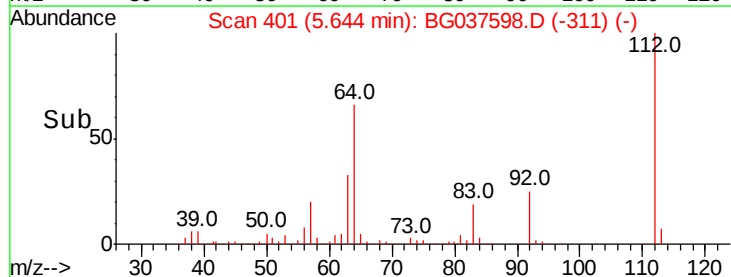
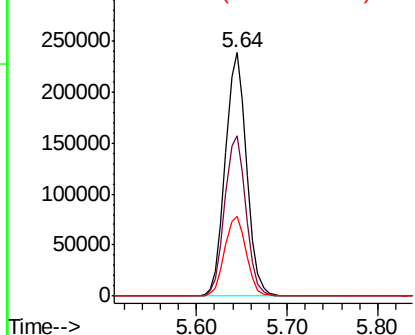
#5

2-Fluorophenol
Concen: 116.110 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037598.D
Acq: 27 Oct 2018 2:20

Tgt Ion:112 Resp: 387446
Ion Ratio Lower Upper
112 100
64 65.8 53.1 79.7
63 32.7 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: 100.174 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037598.D

Acq: 27 Oct 2018 2:20

Instrument :

BNA_G

ClientSampleId :

CB-1018-S-TCLP-GRID40

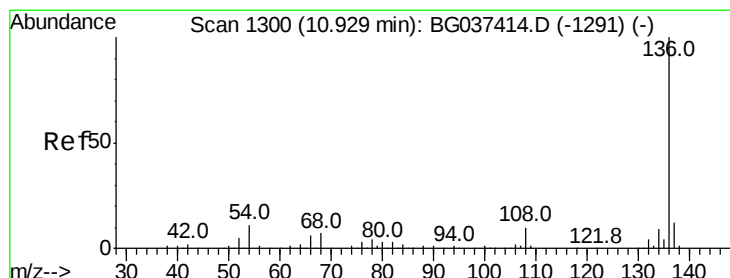
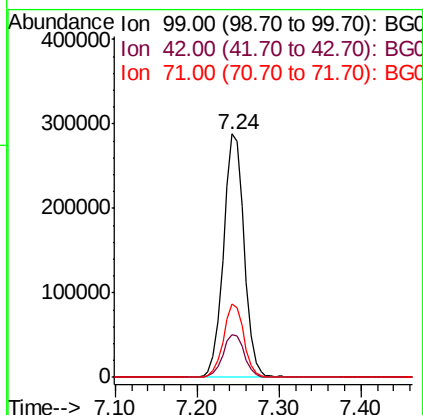
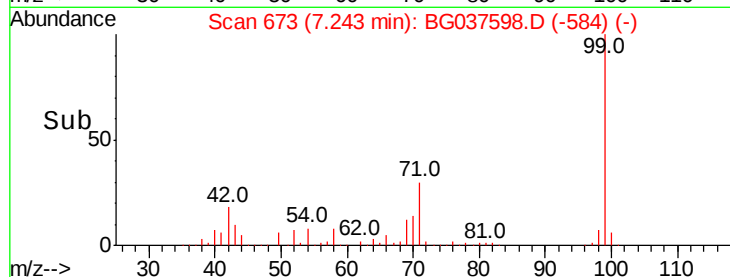
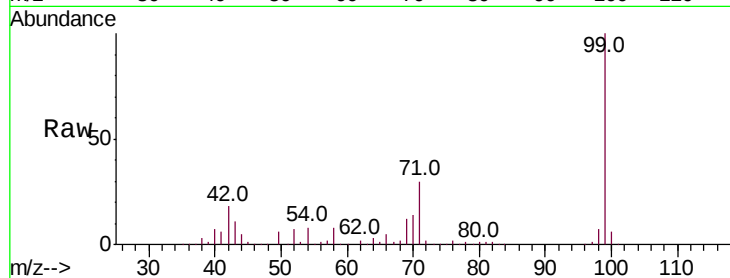
Tot Ion: 99 Resp: 505457

Ion Ratio Lower Upper

99 100

42 17.6 15.0 22.4

71 30.1 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: BG037598.D

Acq: 27 Oct 2018 2:20

Tgt Ion: 136 Resp: 241238

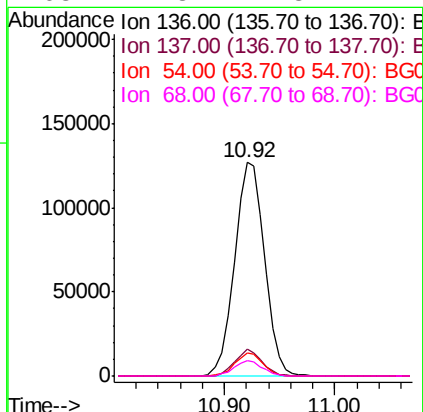
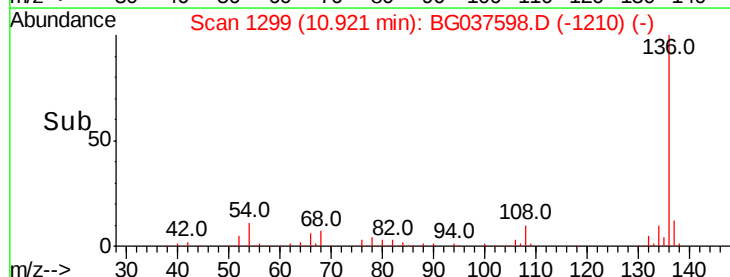
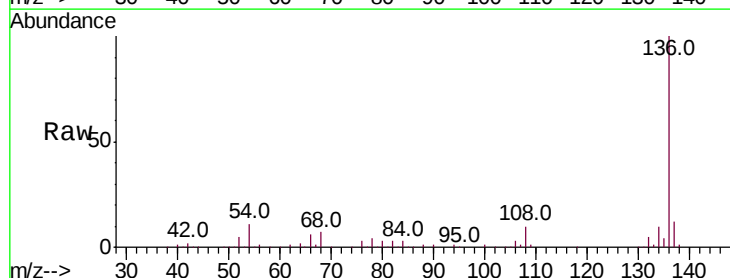
Ion Ratio Lower Upper

136 100

137 12.3 9.6 14.4

54 10.7 7.9 11.9

68 7.3 4.8 7.2#

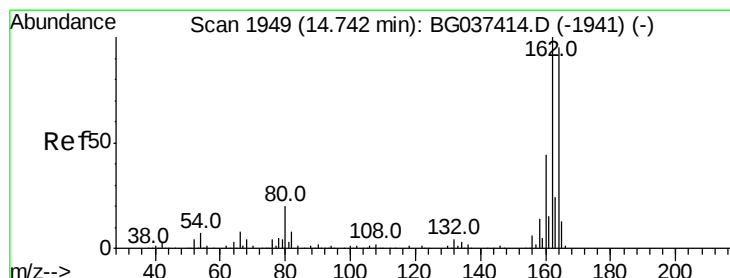
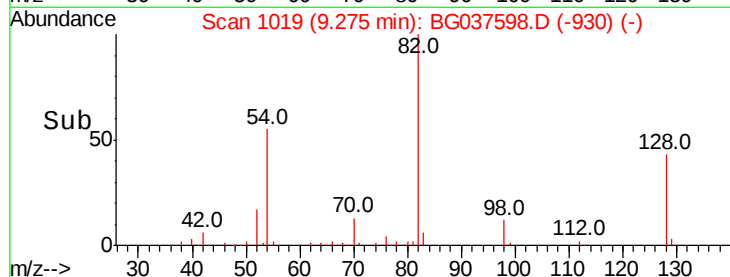
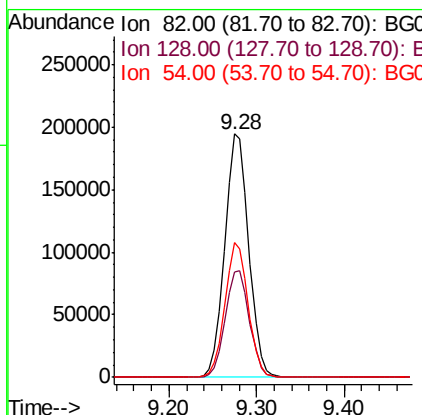
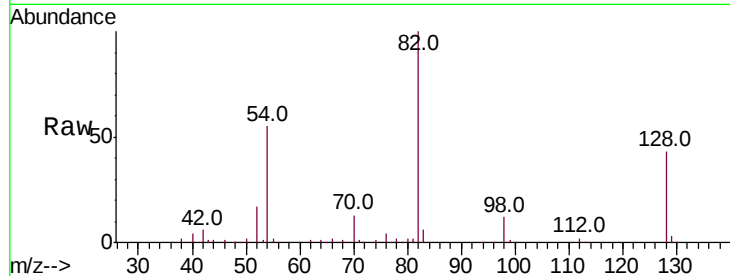




#23
 Nitrobenzene-d5
 Concen: 84.856 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037598.D
 Acq: 27 Oct 2018 2:20

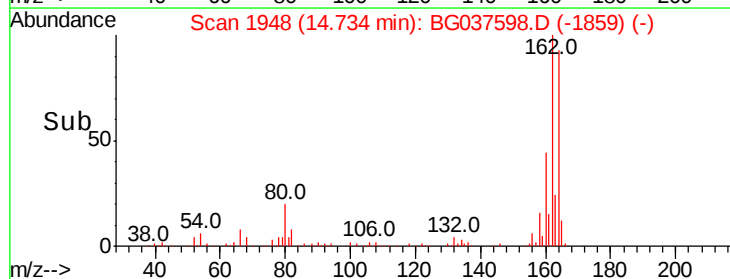
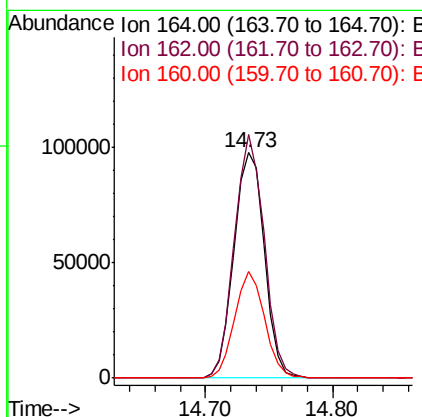
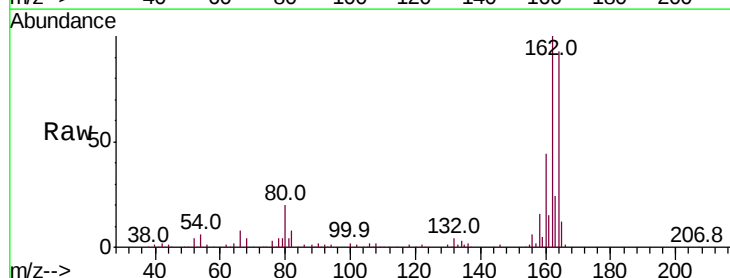
Instrument :
 BNA_G
 ClientSampleId :
 CB-1018-S-TCLP-GRID40

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.6	51.8
54	55.4	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: BG037598.D
 Acq: 27 Oct 2018 2:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.9	81.3	121.9
160	47.1	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 121.723 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037598.D

Acq: 27 Oct 2018 2:20

Instrument :

BNA_G

ClientSampleId :

CB-1018-S-TCLP-GRID40

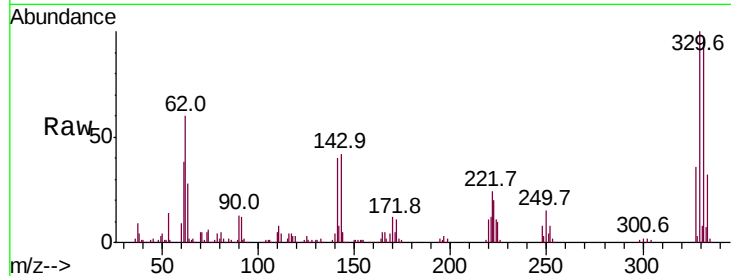
Tot Ion:330 Resp: 214758

Ion Ratio Lower Upper

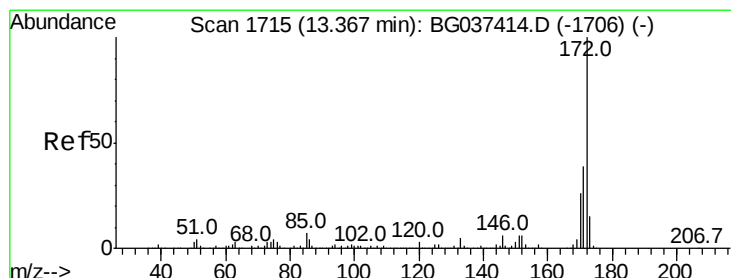
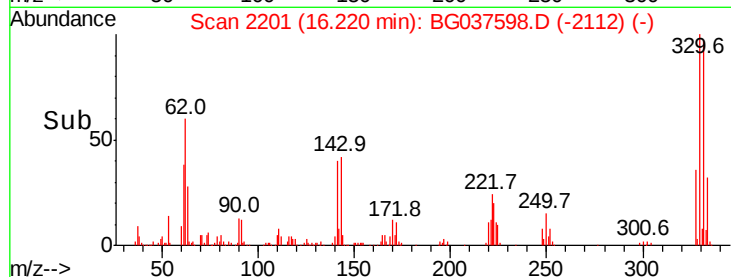
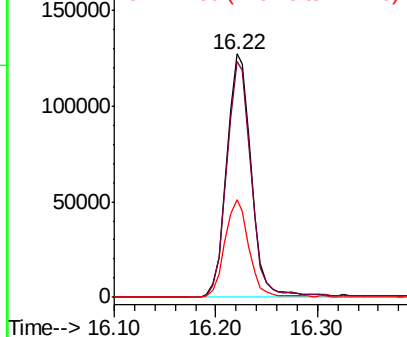
330 100

332 97.7 78.4 117.6

141 39.4 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: 79.633 ng

RT: 13.36 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG037598.D

Acq: 27 Oct 2018 2:20

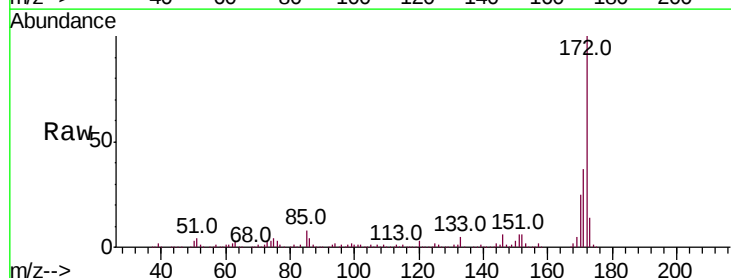
Tgt Ion:172 Resp: 854251

Ion Ratio Lower Upper

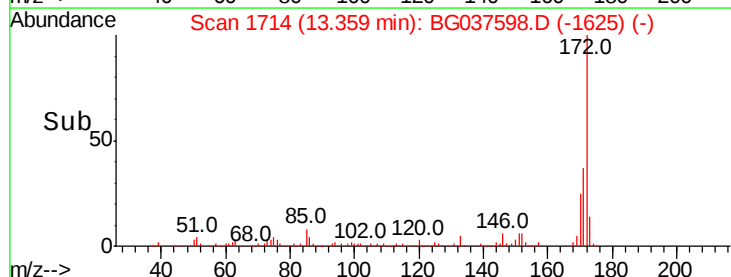
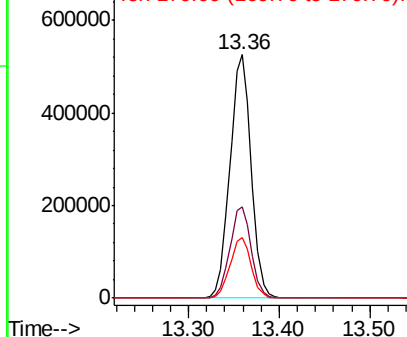
172 100

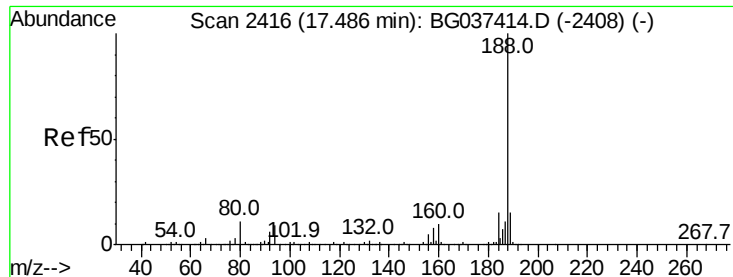
171 37.4 31.0 46.4

170 25.0 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

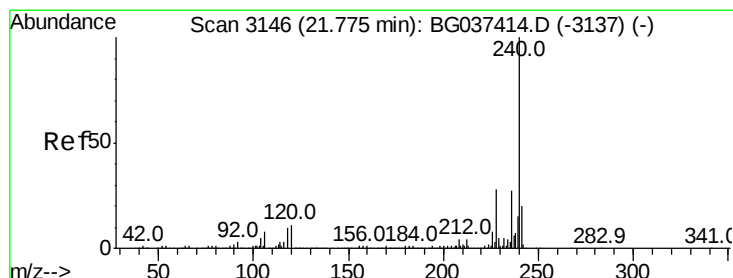
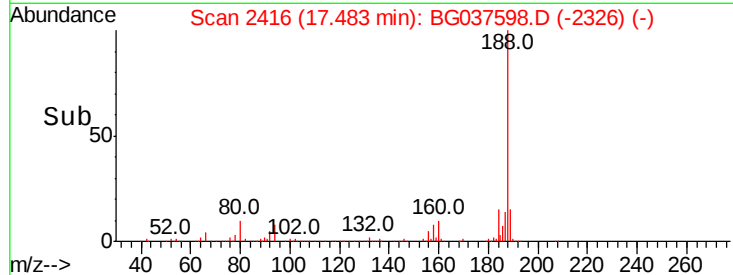
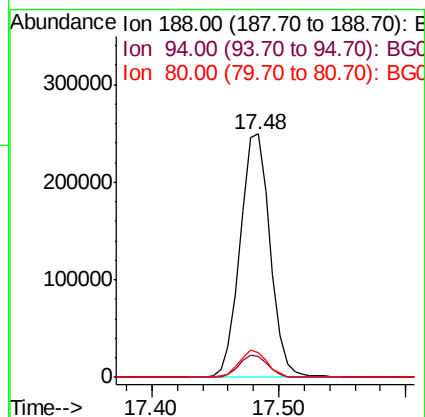
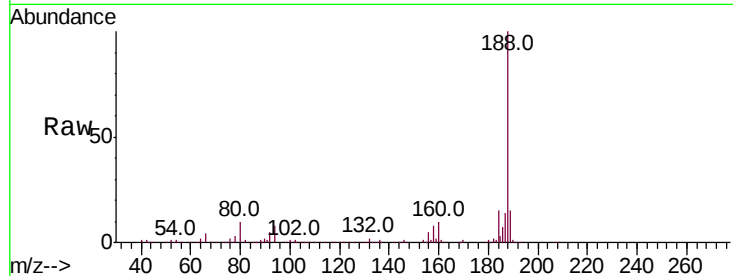




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037598.D
Acq: 27 Oct 2018 2:20

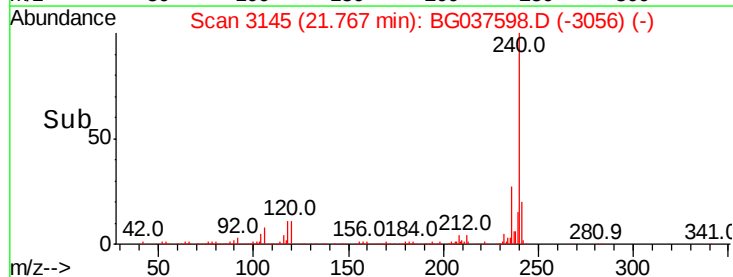
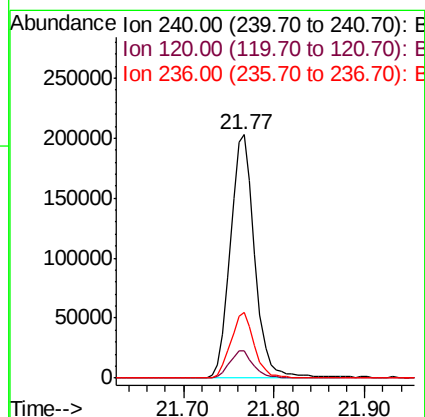
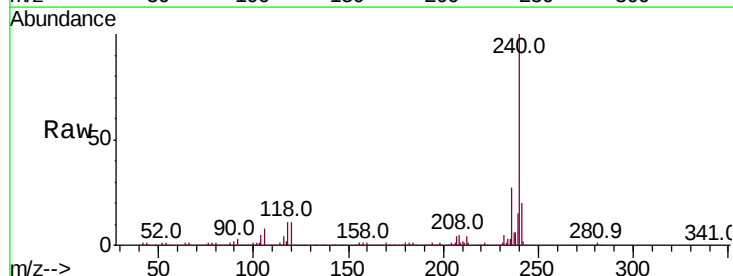
Instrument :
BNA_G
ClientSampleId :
CB-1018-S-TCLP-GRID40

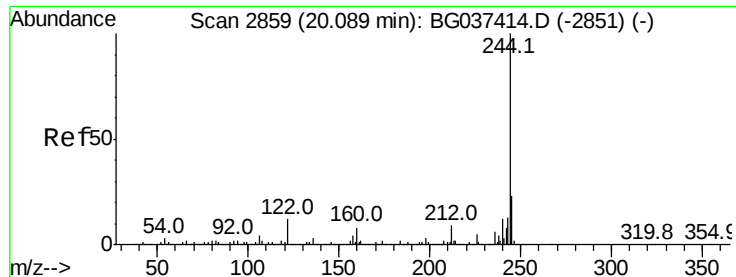
Tot Ion:188 Resp: 407220
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 10.3 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037598.D
Acq: 27 Oct 2018 2:20

Tgt Ion:240 Resp: 378449
Ion Ratio Lower Upper
240 100
120 11.3 8.1 12.1
236 26.7 21.4 32.0





#79

Terphenyl-d14

Concen: 80.682 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037598.D

Acq: 27 Oct 2018 2:20

Instrument :

BNA_G

ClientSampleId :

CB-1018-S-TCLP-GRID40

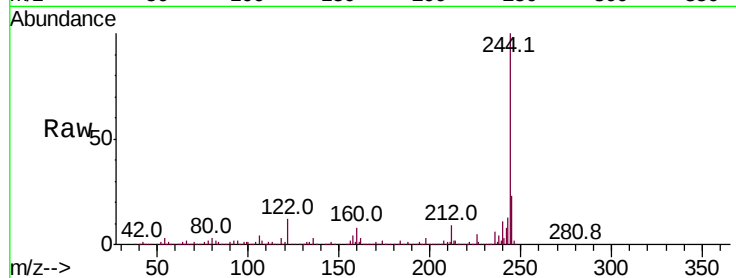
Tot Ion:244 Resp: 1428976

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

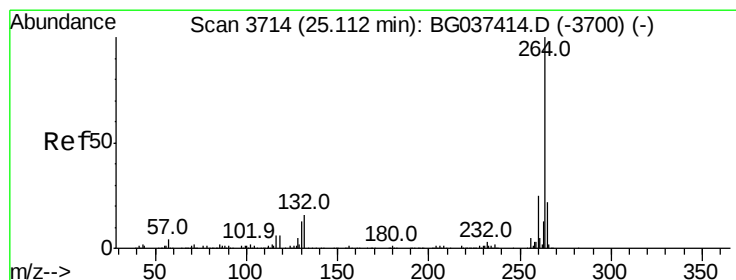
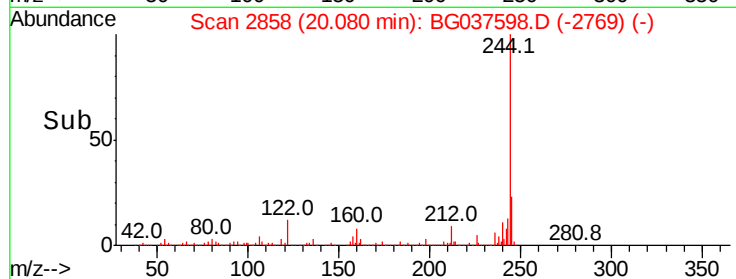
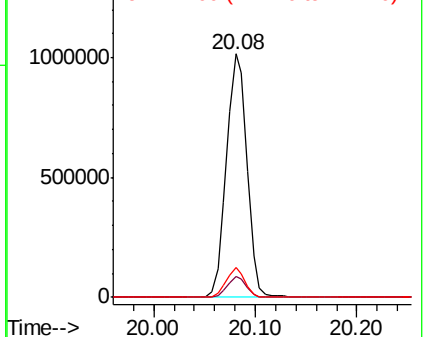
122 12.1 9.0 13.4



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: BG037598.D

Acq: 27 Oct 2018 2:20

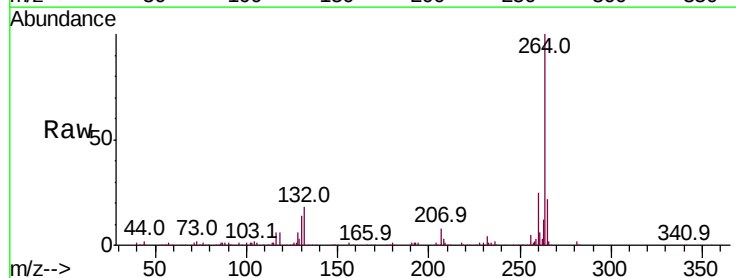
Tgt Ion:264 Resp: 351066

Ion Ratio Lower Upper

264 100

260 24.5 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

