

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
 Data File : BG035722.D
 Acq On : 18 Jul 2018 18:15
 Operator : JU/SJ
 Sample : J3620-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-TCLP-11-1-0718

Quant Time: Jul 19 02:15:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 17:45:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	40107	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	139313	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	97794	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	280152	20.00	ng	0.00
75) Chrysene-d12	21.67	240	341740	20.00	ng	0.00
86) Perylene-d12	24.87	264	323032	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	322146	133.35	ng	0.00
7) Phenol-d6	7.21	99	407643	113.10	ng	0.00
23) Nitrobenzene-d5	9.20	82	329650	98.85	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	206213	159.98	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	736204	100.86	ng	0.00
78) Terphenyl-d14	20.01	244	1514043	97.66	ng	0.00

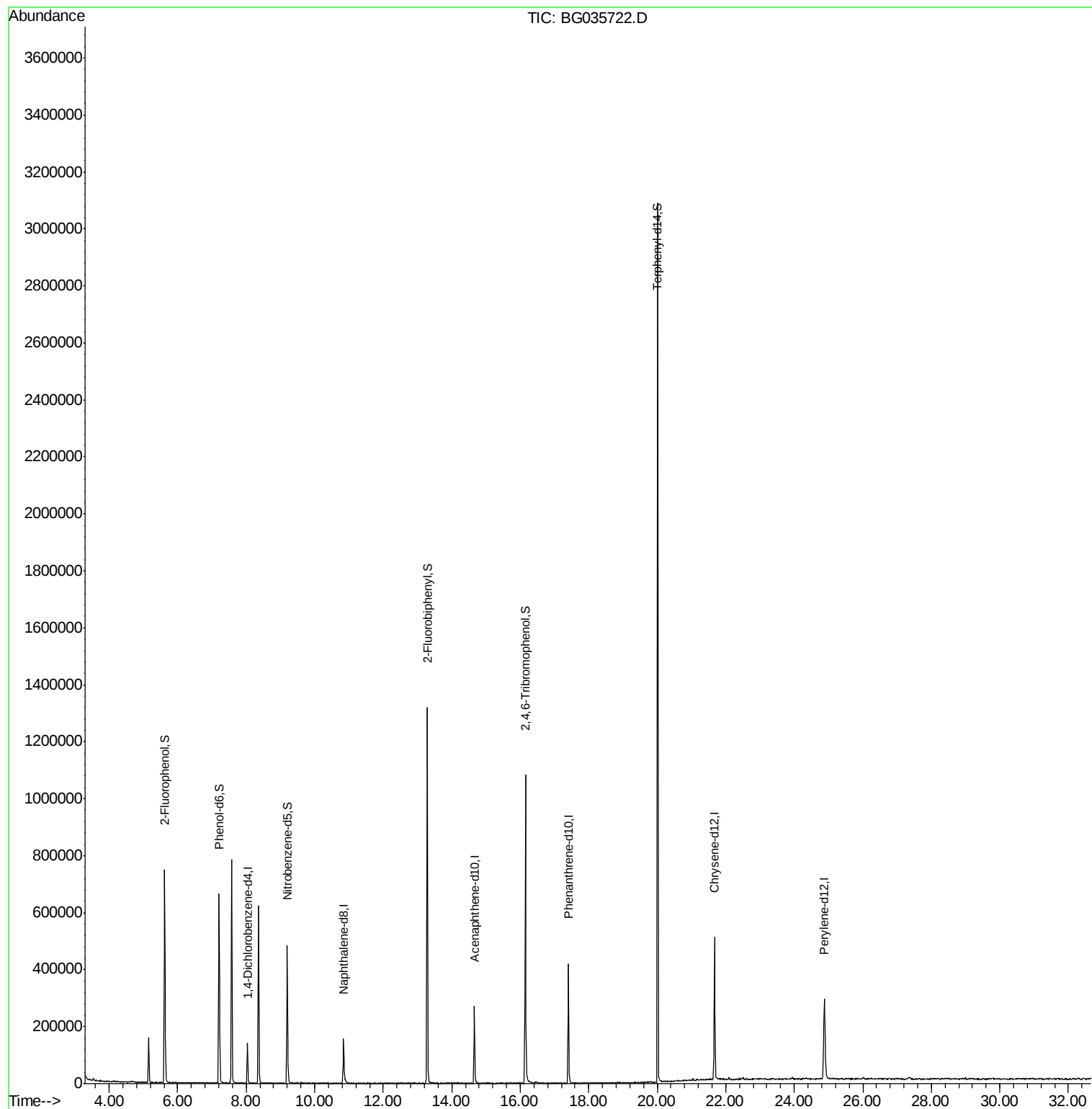
Target Compounds Qvalue

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

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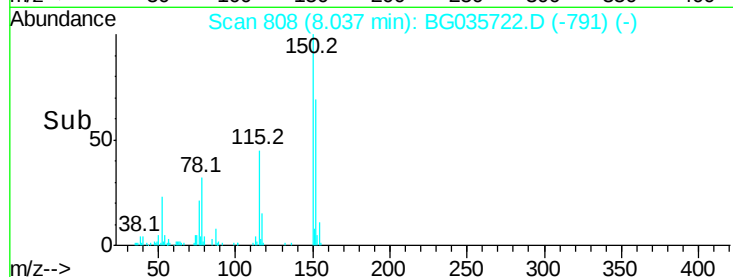
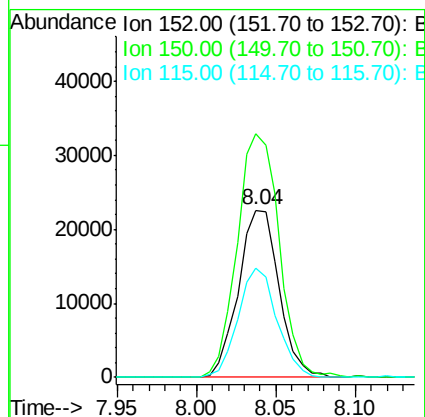
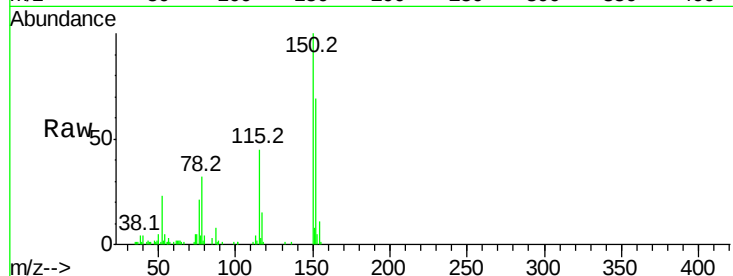


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.00 min
Lab File: BG035722.D
Acq: 18 Jul 2018 18:15

Instrument :
BNA_G
ClientSampleId :
CB-TCLP-11-1-0718

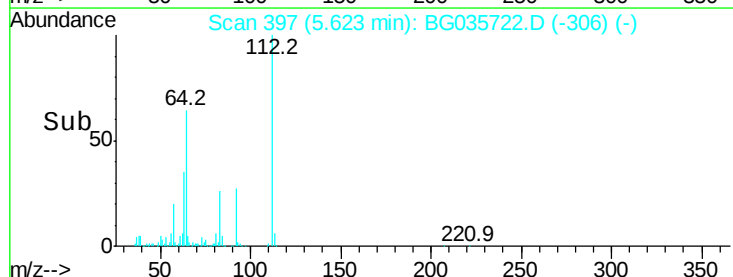
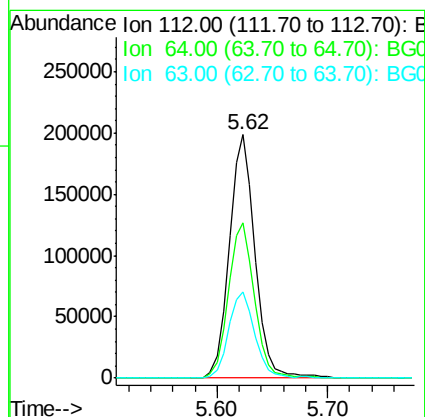
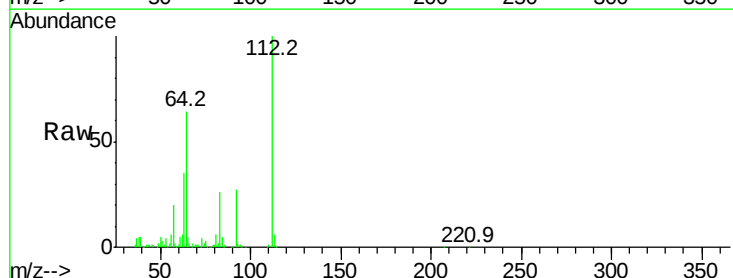
Tot Ion	Ratio	Lower	Upper
152	100		
150	145.9	126.6	189.8
115	65.8	53.0	79.4



#5

2-Fluorophenol
Concen: 133.353 ng
RT: 5.62 min Scan# 397
Delta R.T. 0.00 min
Lab File: BG035722.D
Acq: 18 Jul 2018 18:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	56.3	84.5
63	35.2	30.1	45.1





#7

Phenol-d6

Concen: 113.100 ng

RT: 7.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BG035722.D

Acq: 18 Jul 2018 18:15

Instrument :

BNA_G

ClientSampleId :

CB-TCLP-11-1-0718

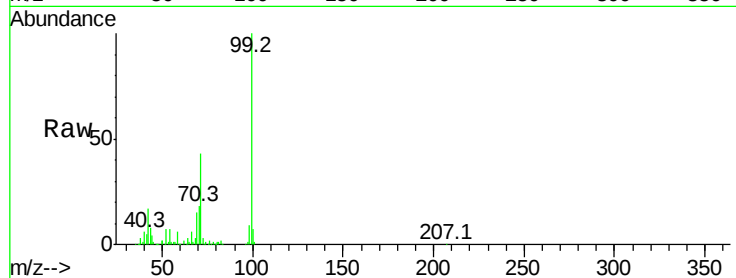
Tot Ion: 99 Resp: 407643

Ion Ratio Lower Upper

99 100

42 16.9 14.1 21.1

71 43.0 26.1 39.1#



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

7.21

250000

200000

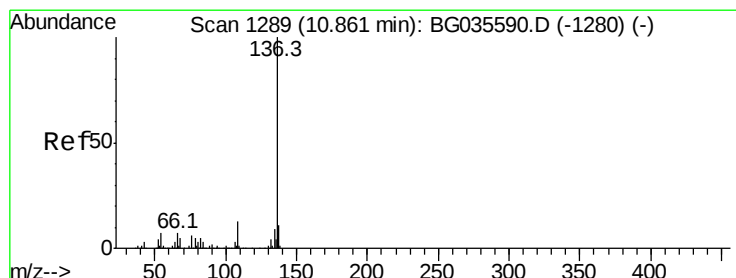
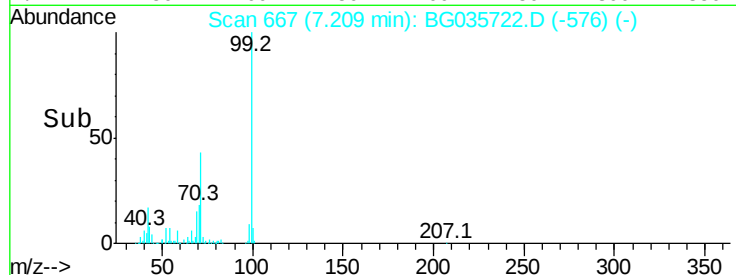
150000

100000

50000

0

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BG035722.D

Acq: 18 Jul 2018 18:15

Tgt Ion:136 Resp: 139313

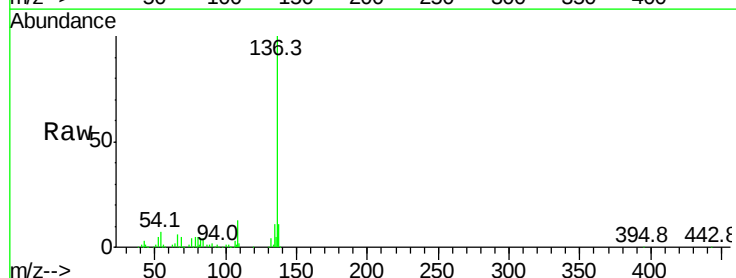
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 6.5 10.3 15.5#

68 4.9 4.5 6.7



Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

10.84

100000

80000

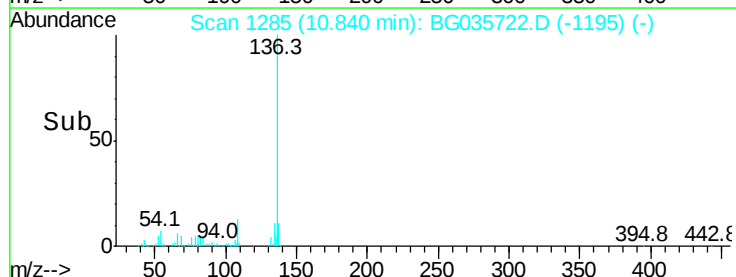
60000

40000

20000

0

Time-->

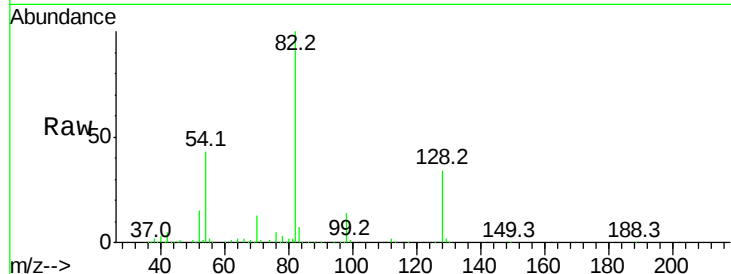




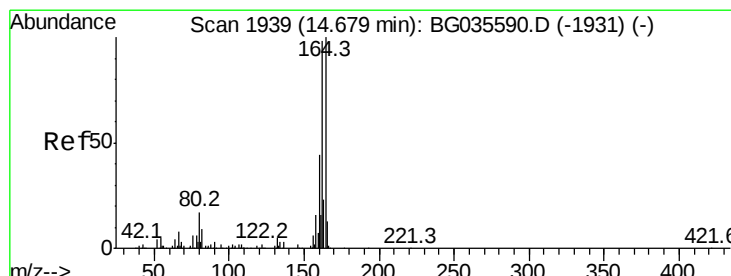
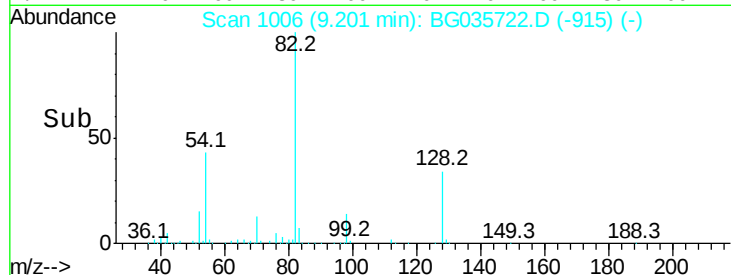
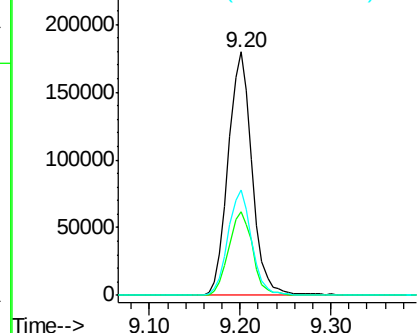
#23
Nitrobenzene-d5
Concen: 98.850 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BG035722.D
Acq: 18 Jul 2018 18:15

Instrument :
BNA_G
ClientSampleId :
CB-TCLP-11-1-0718

Tot Ion	82	Resp	329650
Ion Ratio	100	Lower	Upper
128	34.2	29.7	44.5
54	43.5	43.1	64.7

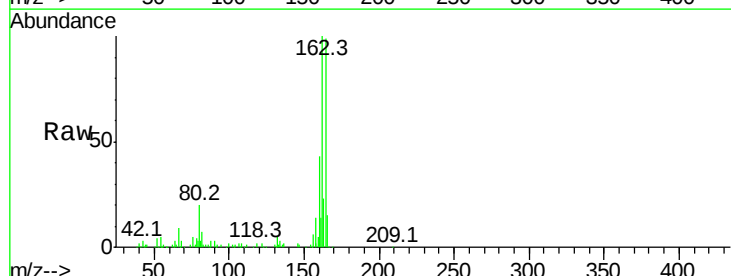


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

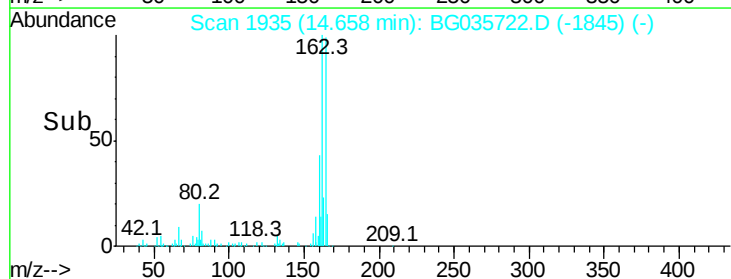
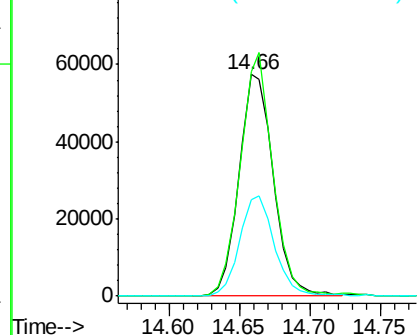


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BG035722.D
Acq: 18 Jul 2018 18:15

Tgt Ion	164	Resp	97794
Ion Ratio	100	Lower	Upper
162	101.5	78.8	118.2
160	43.4	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

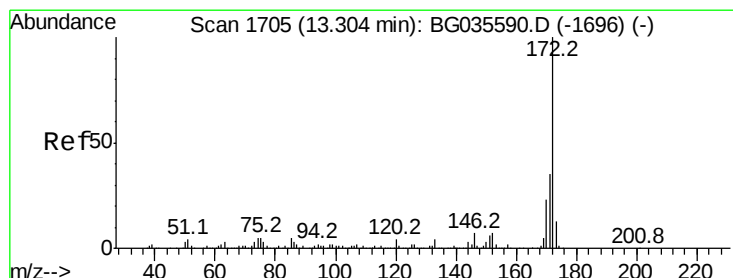
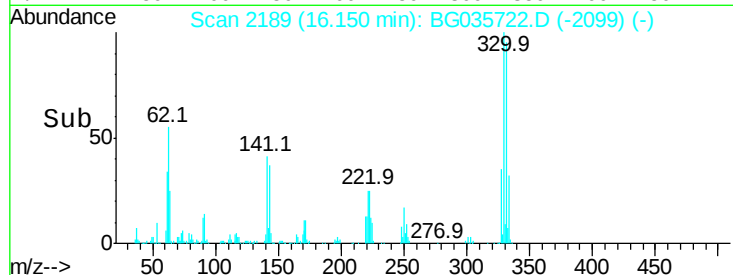
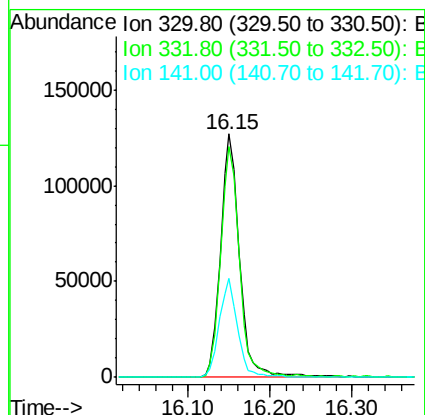
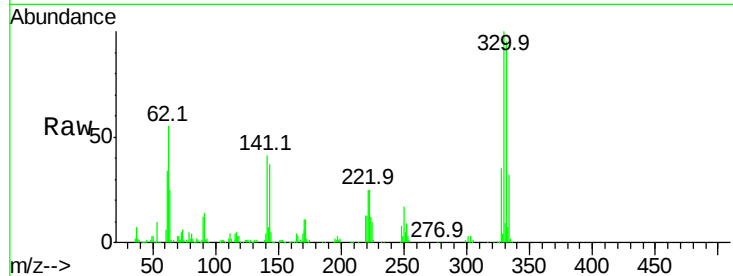




#41
 2,4,6-Tribromophenol
 Concen: 159.981 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG035722.D
 Acq: 18 Jul 2018 18:15

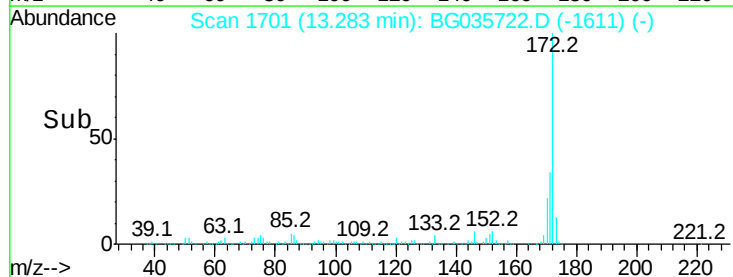
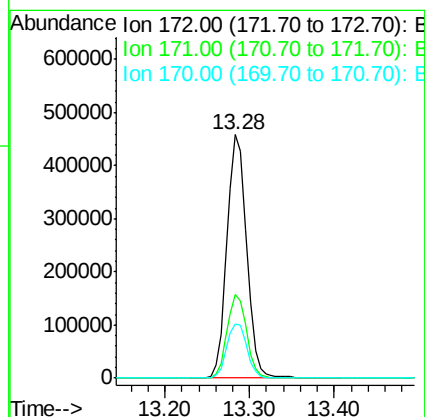
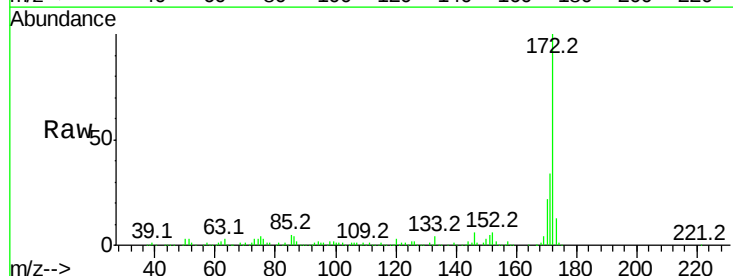
Instrument :
 BNA_G
 ClientSampleId :
 CB-TCLP-11-1-0718

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.4	77.0	115.6
141	39.3	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 100.857 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG035722.D
 Acq: 18 Jul 2018 18:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.0	45.0
170	22.0	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2403

Delta R.T. 0.00 min

Lab File: BG035722.D

Acq: 18 Jul 2018 18:15

Instrument :

BNA_G

ClientSampleId :

CB-TCLP-11-1-0718

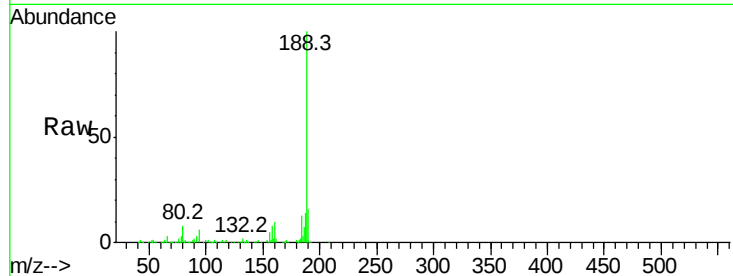
Tot Ion:188 Resp: 280152

Ion Ratio Lower Upper

188 100

94 5.6 6.9 10.3#

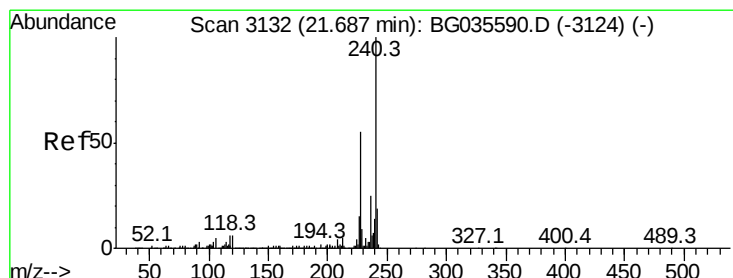
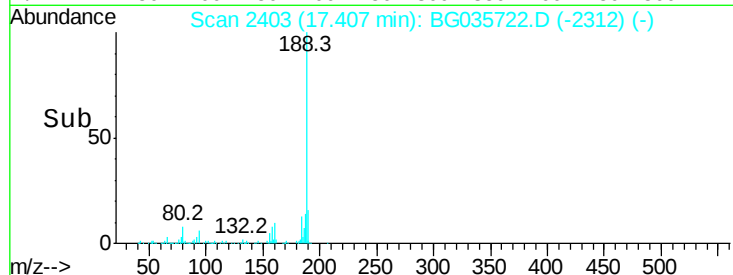
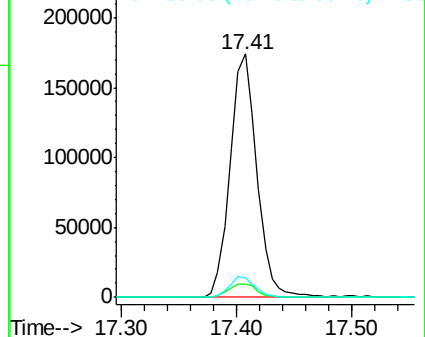
80 8.0 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.00 min

Lab File: BG035722.D

Acq: 18 Jul 2018 18:15

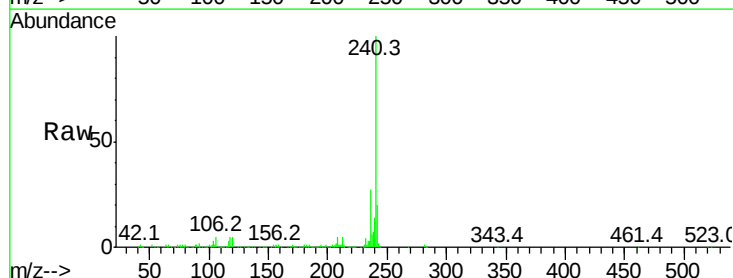
Tgt Ion:240 Resp: 341740

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

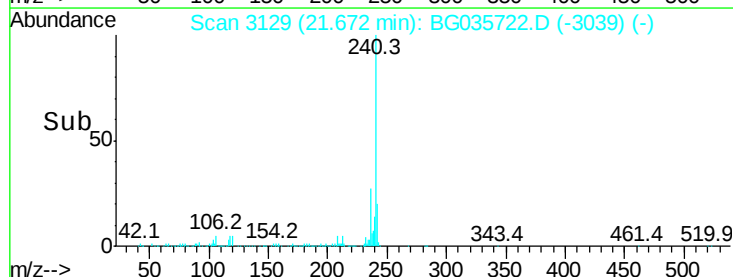
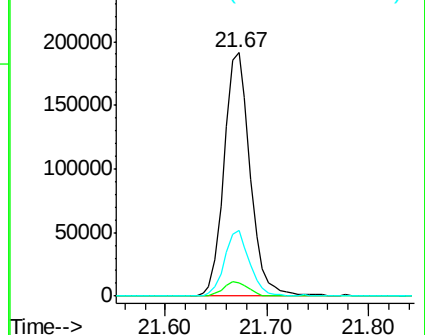
236 26.9 20.9 31.3

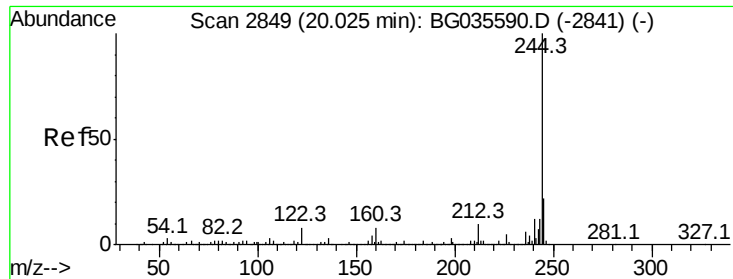


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.659 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG035722.D

Acq: 18 Jul 2018 18:15

Instrument :

BNA_G

ClientSampleId :

CB-TCLP-11-1-0718

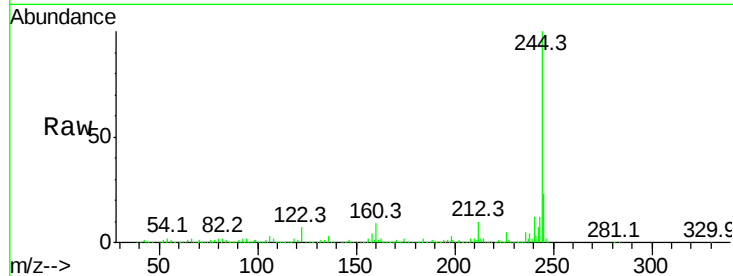
Tot Ion:244 Resp: 1514043

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

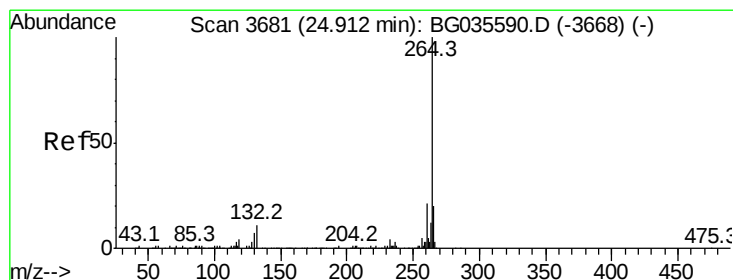
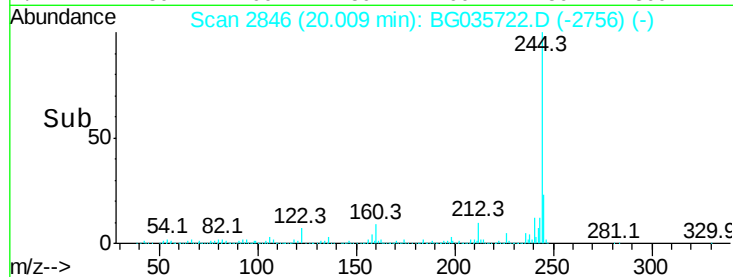
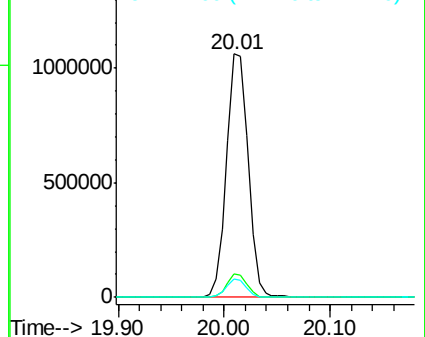
122 7.5 7.0 10.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.87 min Scan# 3674

Delta R.T. -0.01 min

Lab File: BG035722.D

Acq: 18 Jul 2018 18:15

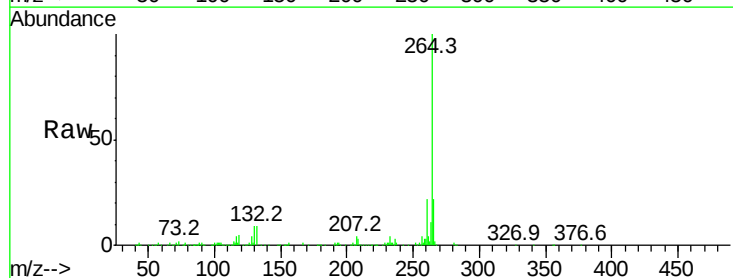
Tgt Ion:264 Resp: 323032

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 21.9 17.7 26.5



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

