

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
 Data File : BG035724.D
 Acq On : 18 Jul 2018 19:33
 Operator : JU/SJ
 Sample : J3620-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-TCLP-11-3-0718

Quant Time: Jul 19 02:17:57 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	47476	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	161671	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	113602	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	323235	20.00	ng	0.00
75) Chrysene-d12	21.67	240	392795	20.00	ng	0.00
86) Perylene-d12	24.88	264	370611	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	390476	136.55	ng	0.00
7) Phenol-d6	7.21	99	487813	114.34	ng	0.00
23) Nitrobenzene-d5	9.20	82	394896	102.04	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	238867	159.53	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	840936	99.17	ng	0.00
78) Terphenyl-d14	20.01	244	1709160	95.92	ng	0.00

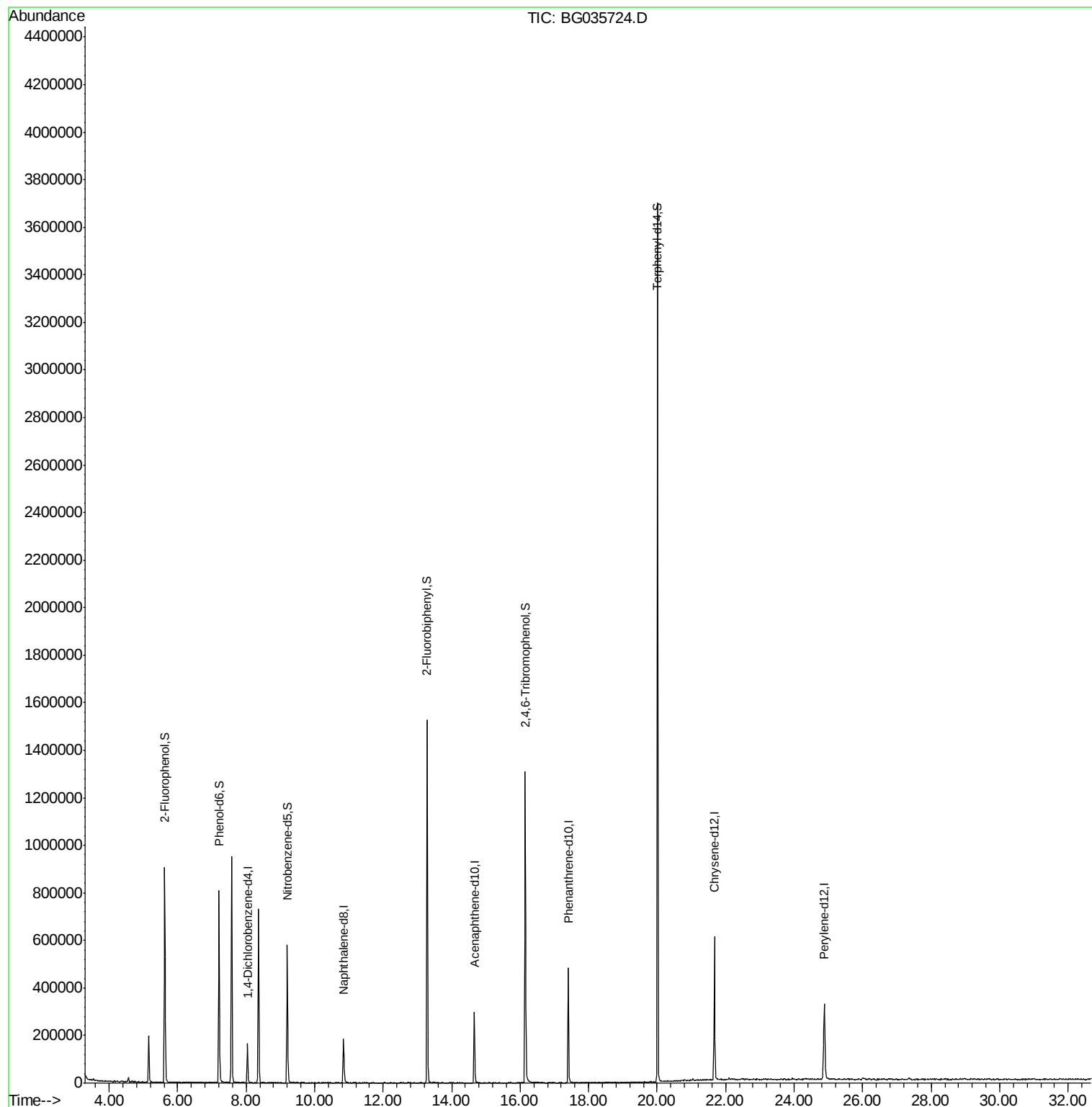
Target Compounds Qvalue

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

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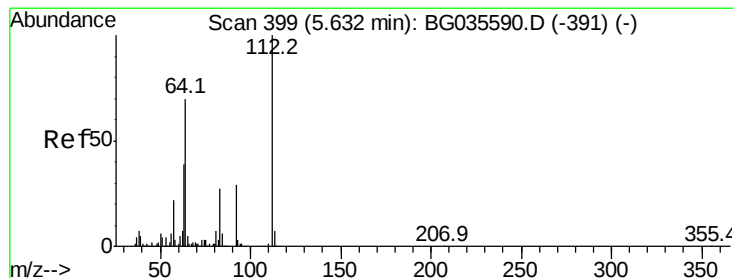
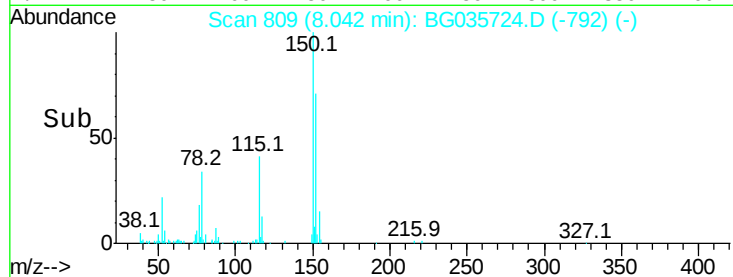
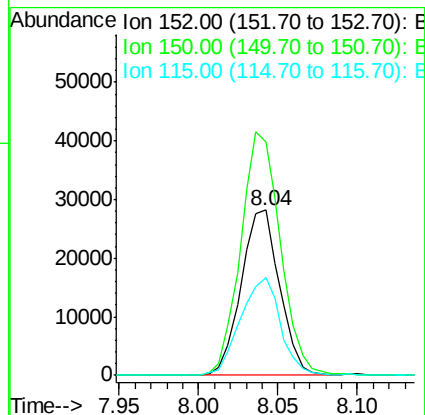
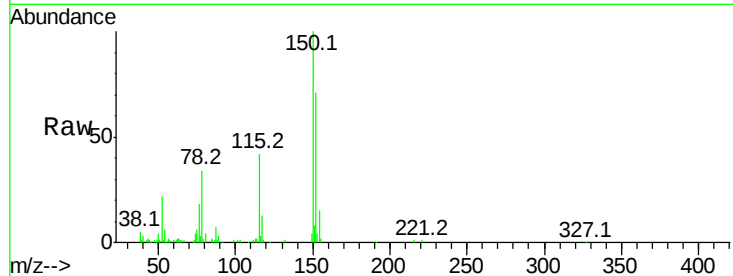


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG035724.D
Acq: 18 Jul 2018 19:33

Instrument :
BNA_G
ClientSampleId :
CB-TCLP-11-3-0718

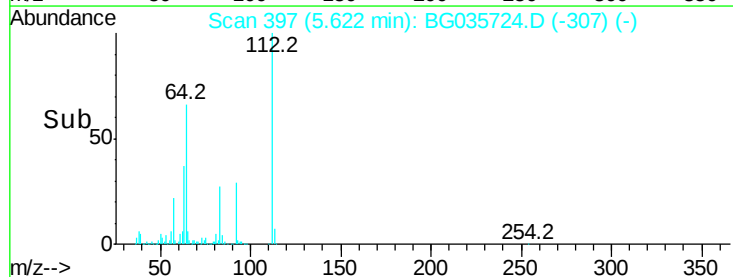
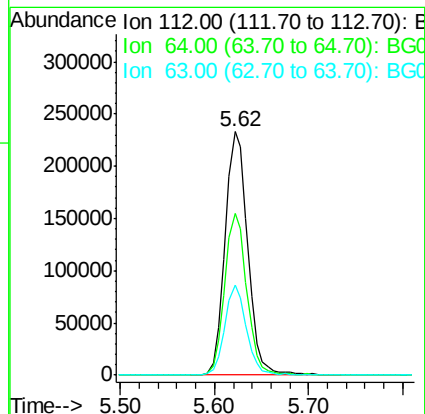
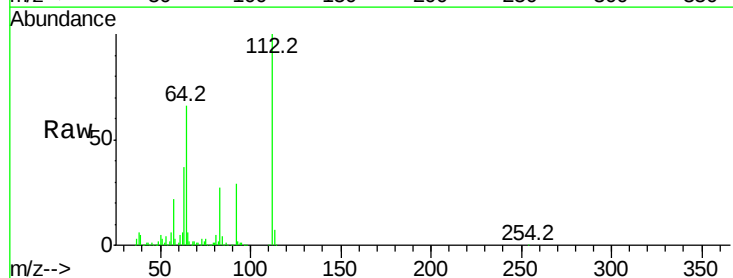
Tot Ion	Ratio	Lower	Upper
152	100		
150	141.4	126.6	189.8
115	58.8	53.0	79.4

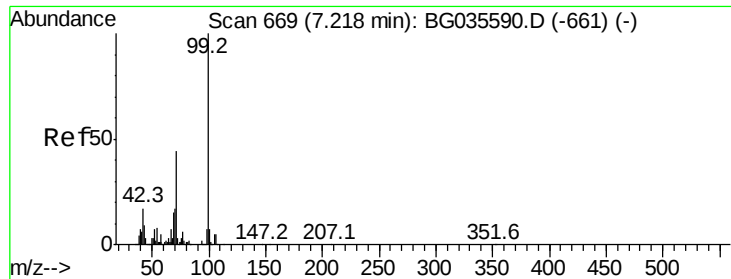


#5

2-Fluorophenol
Concen: 136.549 ng
RT: 5.62 min Scan# 397
Delta R.T. 0.00 min
Lab File: BG035724.D
Acq: 18 Jul 2018 19:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	56.3	84.5
63	37.2	30.1	45.1





#7

Phenol-d6

Concen: 114.336 ng

RT: 7.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BG035724.D

Acq: 18 Jul 2018 19:33

Instrument :

BNA_G

ClientSampleId :

CB-TCLP-11-3-0718

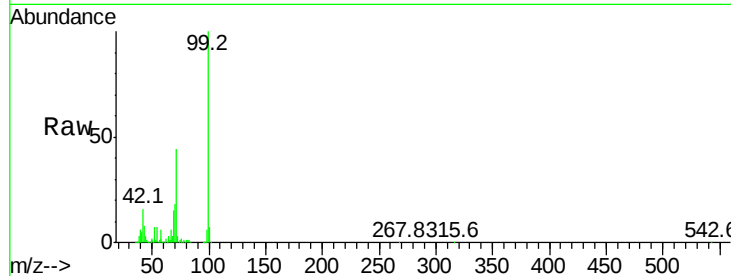
Tot Ion: 99 Resp: 487813

Ion Ratio Lower Upper

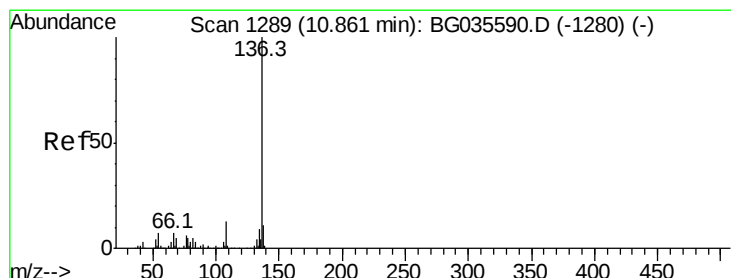
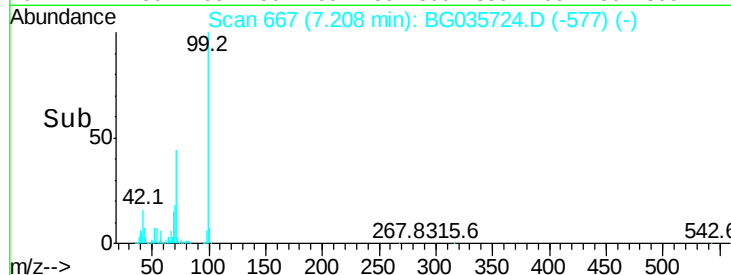
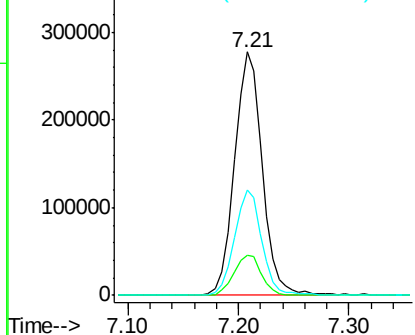
99 100

42 16.4 14.1 21.1

71 43.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BG035724.D

Acq: 18 Jul 2018 19:33

Tgt Ion: 136 Resp: 161671

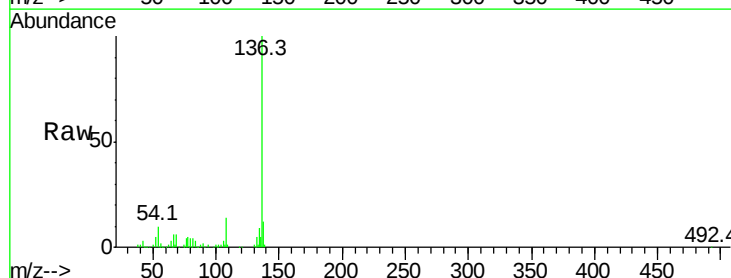
Ion Ratio Lower Upper

136 100

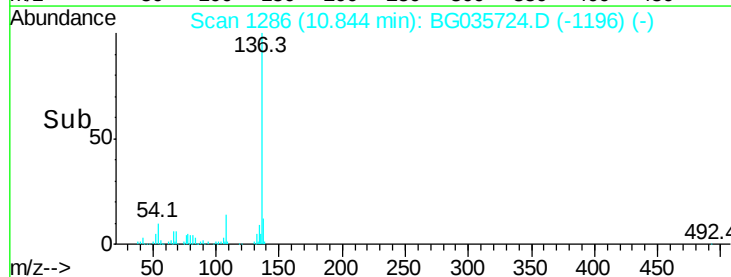
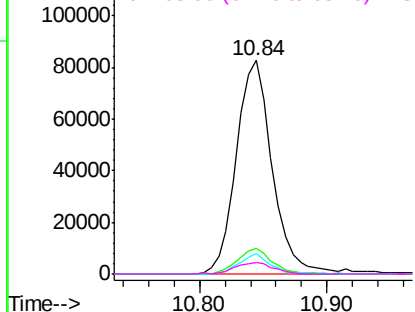
137 12.0 9.2 13.8

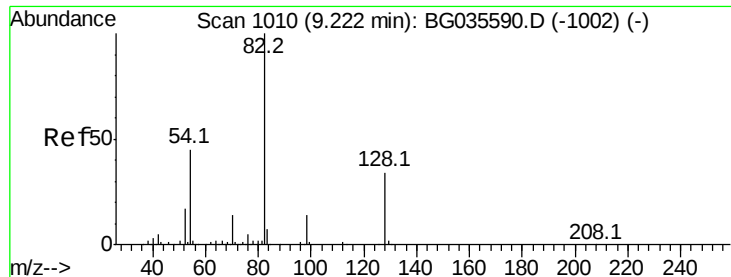
54 9.8 10.3 15.5#

68 5.6 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

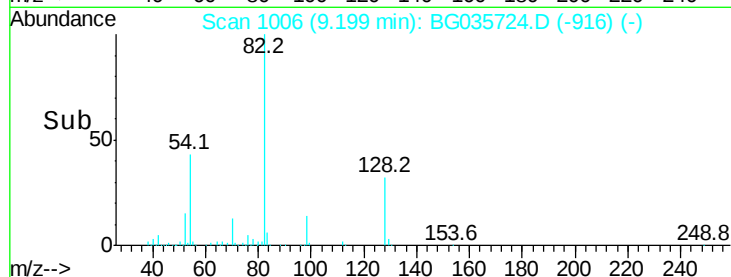
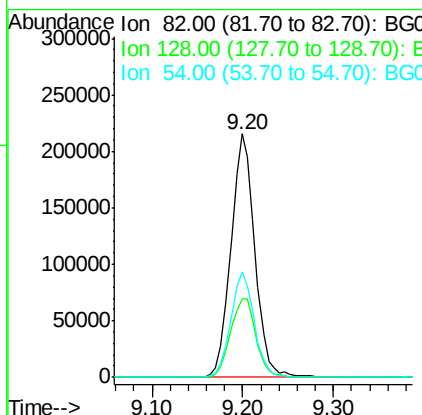
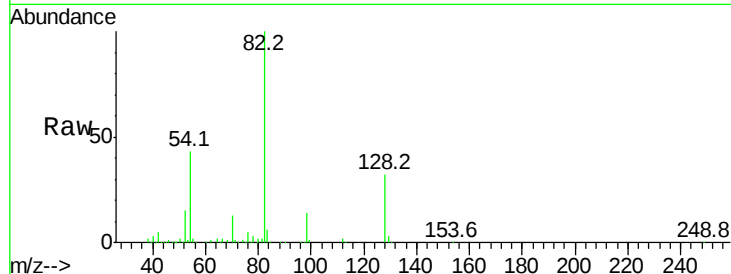




#23
Nitrobenzene-d5
Concen: 102.039 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BG035724.D
Acq: 18 Jul 2018 19:33

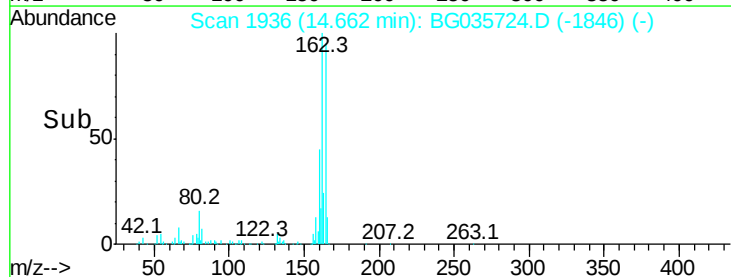
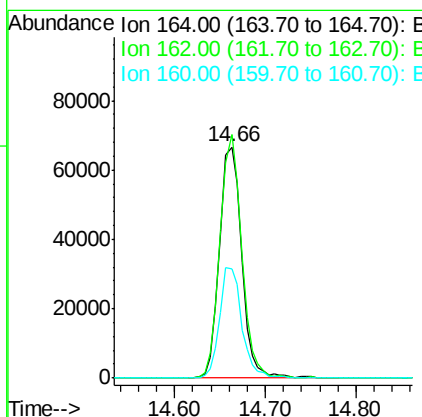
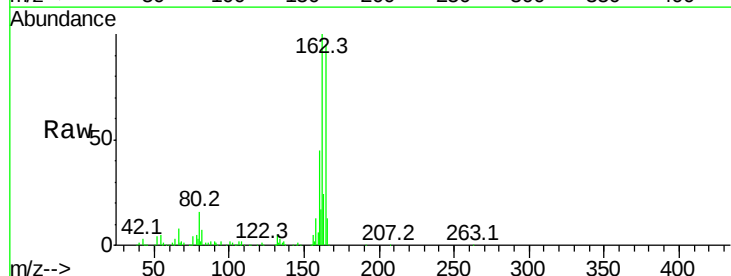
Instrument :
BNA_G
ClientSampleId :
CB-TCLP-11-3-0718

Tot Ion	82	Resp	394896
Ion Ratio	100	Lower	Upper
128	32.4	29.7	44.5
54	43.4	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BG035724.D
Acq: 18 Jul 2018 19:33

Tgt Ion	164	Resp	113602
Ion Ratio	100	Lower	Upper
162	105.3	78.8	118.2
160	47.1	35.4	53.0

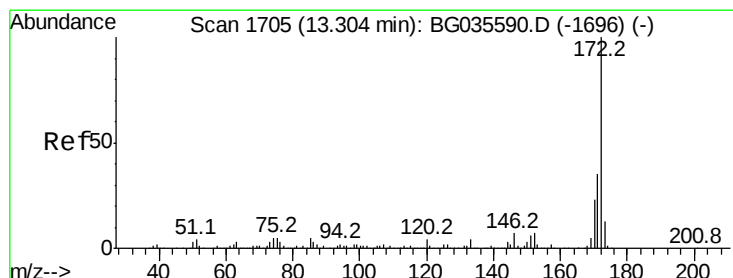
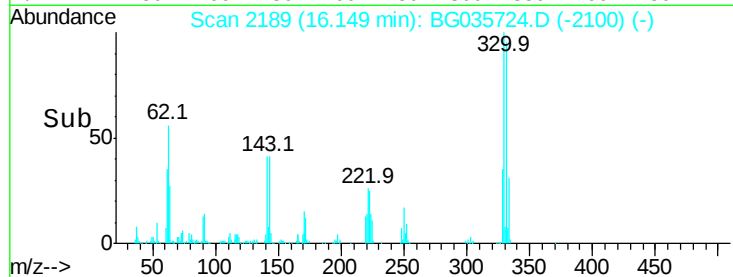
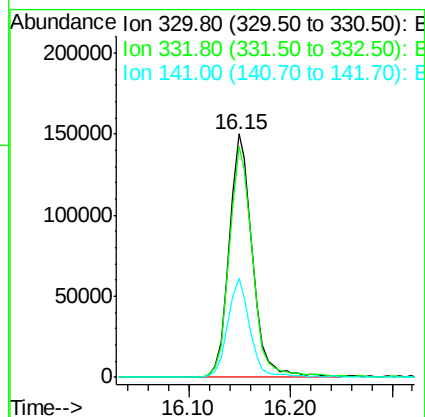
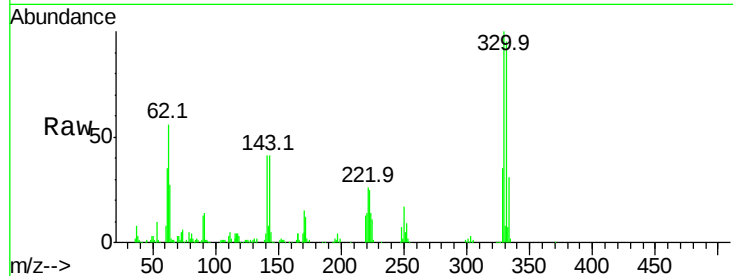




#41
 2,4,6-Tribromophenol
 Concen: 159.527 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG035724.D
 Acq: 18 Jul 2018 19:33

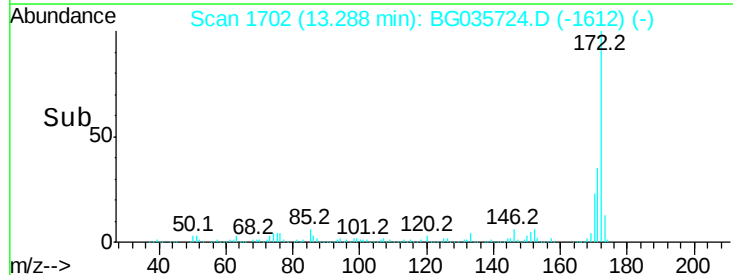
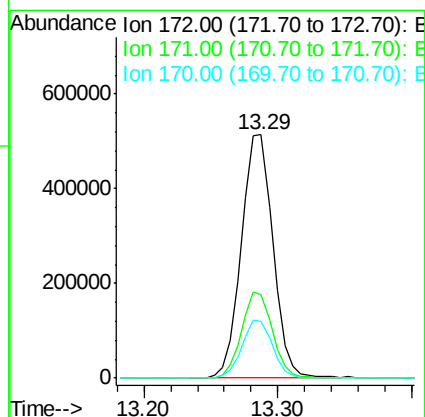
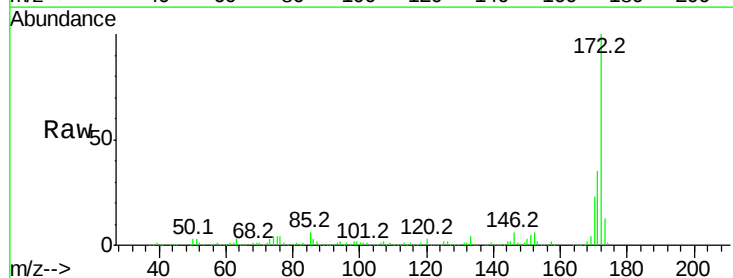
Instrument :
 BNA_G
 ClientSampleId :
 CB-TCLP-11-3-0718

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	39.2	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 99.174 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG035724.D
 Acq: 18 Jul 2018 19:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.0	45.0
170	23.1	19.5	29.3

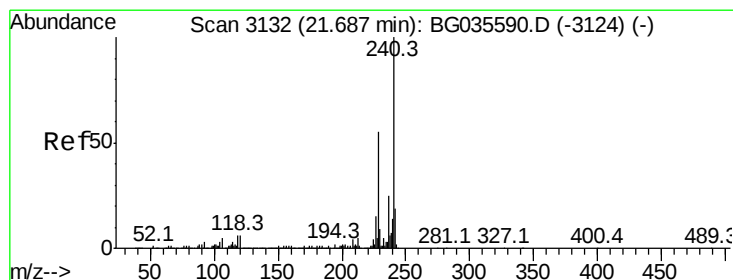
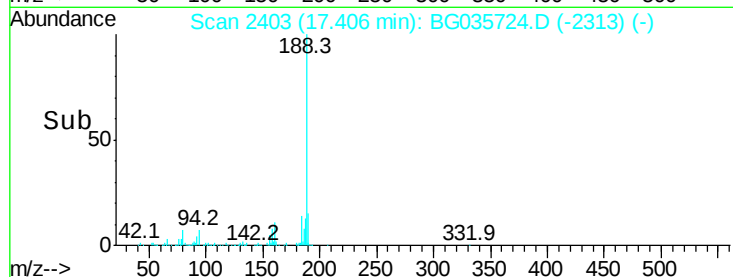
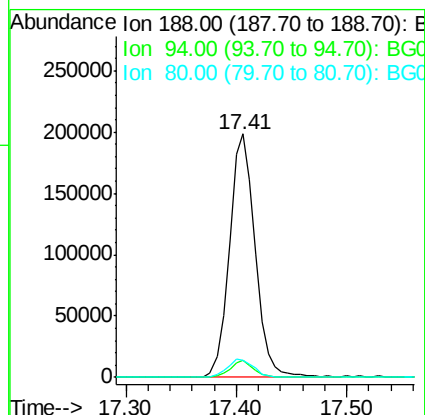
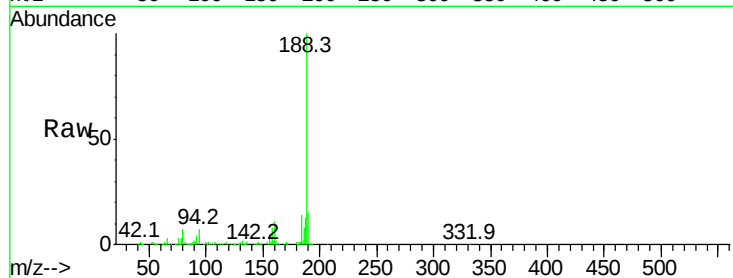




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BG035724.D
Acq: 18 Jul 2018 19:33

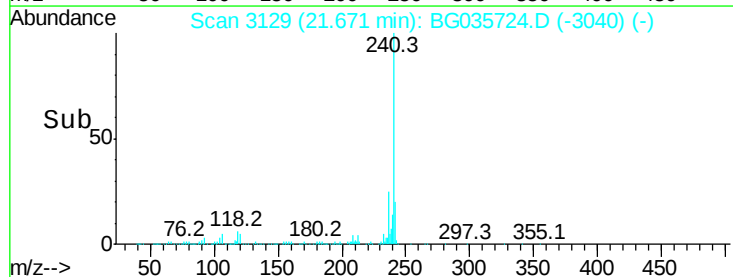
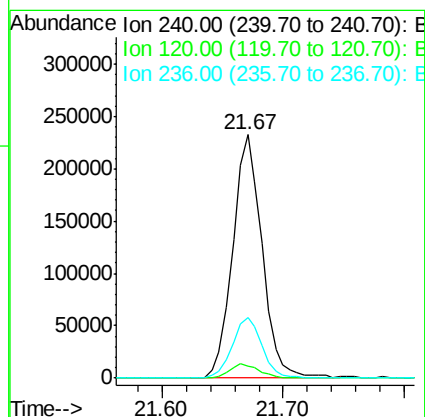
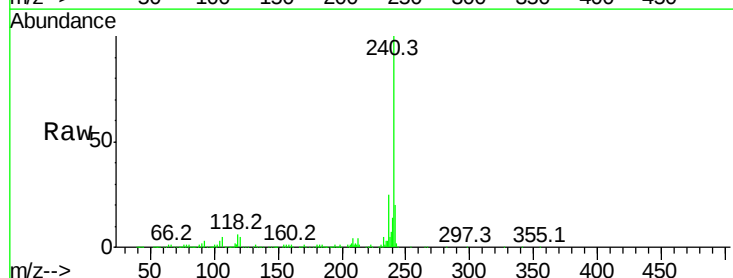
Instrument :
BNA_G
ClientSampleId :
CB-TCLP-11-3-0718

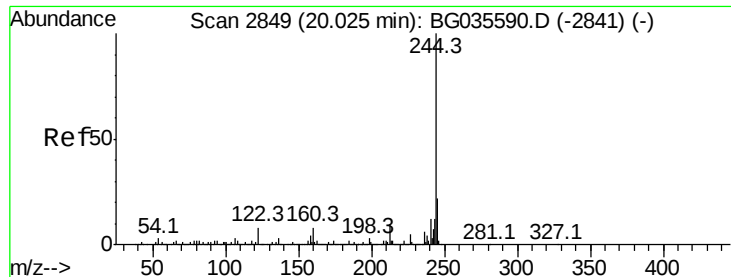
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	6.7	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BG035724.D
Acq: 18 Jul 2018 19:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.0	6.8	10.2#
236	24.6	20.9	31.3





#78

Terphenyl-d14

Concen: 95.915 ng

RT: 20.01 min Scan# 2847

Delta R.T. 0.00 min

Lab File: BG035724.D

Acq: 18 Jul 2018 19:33

Instrument :

BNA_G

ClientSampleId :

CB-TCLP-11-3-0718

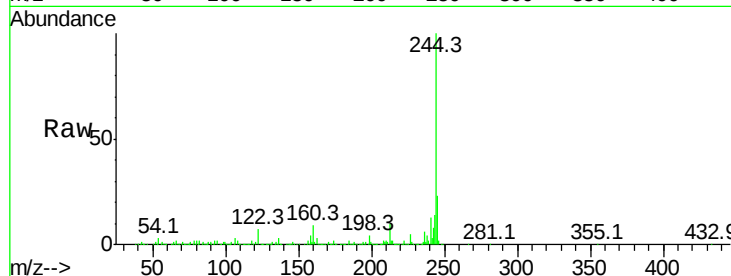
Tot Ion:244 Resp: 1709160

Ion Ratio Lower Upper

244 100

212 10.1 5.8 8.8#

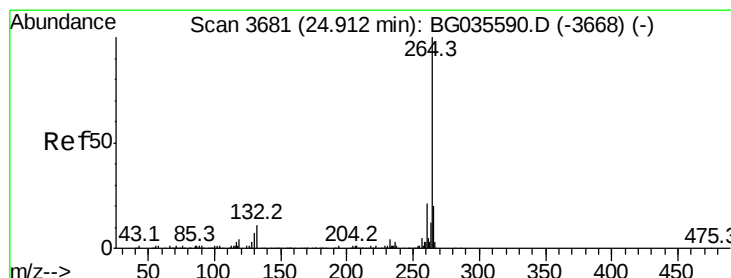
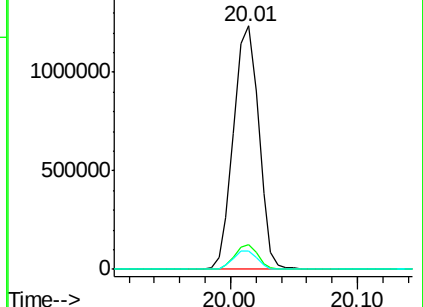
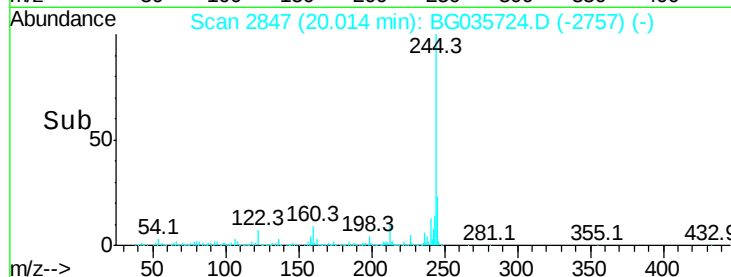
122 7.5 7.0 10.4



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: 24.88 min Scan# 3675

Delta R.T. -0.00 min

Lab File: BG035724.D

Acq: 18 Jul 2018 19:33

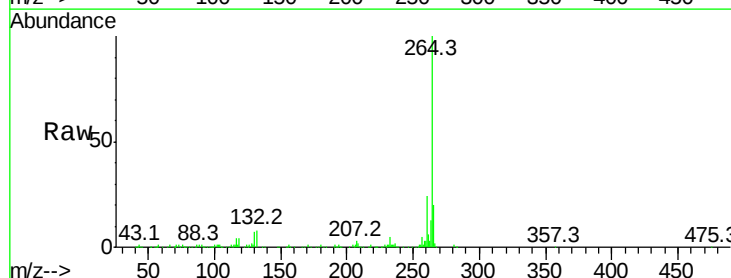
Tgt Ion:264 Resp: 370611

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 20.3 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

