

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100418\
 Data File : BG037143.D
 Acq On : 4 Oct 2018 2:59
 Operator : JU/SJ
 Sample : J5211-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-1018-S-TCLP-GRID50-1

Quant Time: Oct 04 04:33:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	59570	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	238504	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	137227	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	327603	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	337321	20.00	ng	-0.02
86) Perylene-d12	24.88	264	322425	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	370241	119.19	ng	0.00
7) Phenol-d6	7.20	99	438766	91.30	ng	-0.01
23) Nitrobenzene-d5	9.20	82	379451	85.20	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	161441	98.33	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	723722	78.55	ng	-0.01
78) Terphenyl-d14	20.01	244	1172748	91.42	ng	-0.01

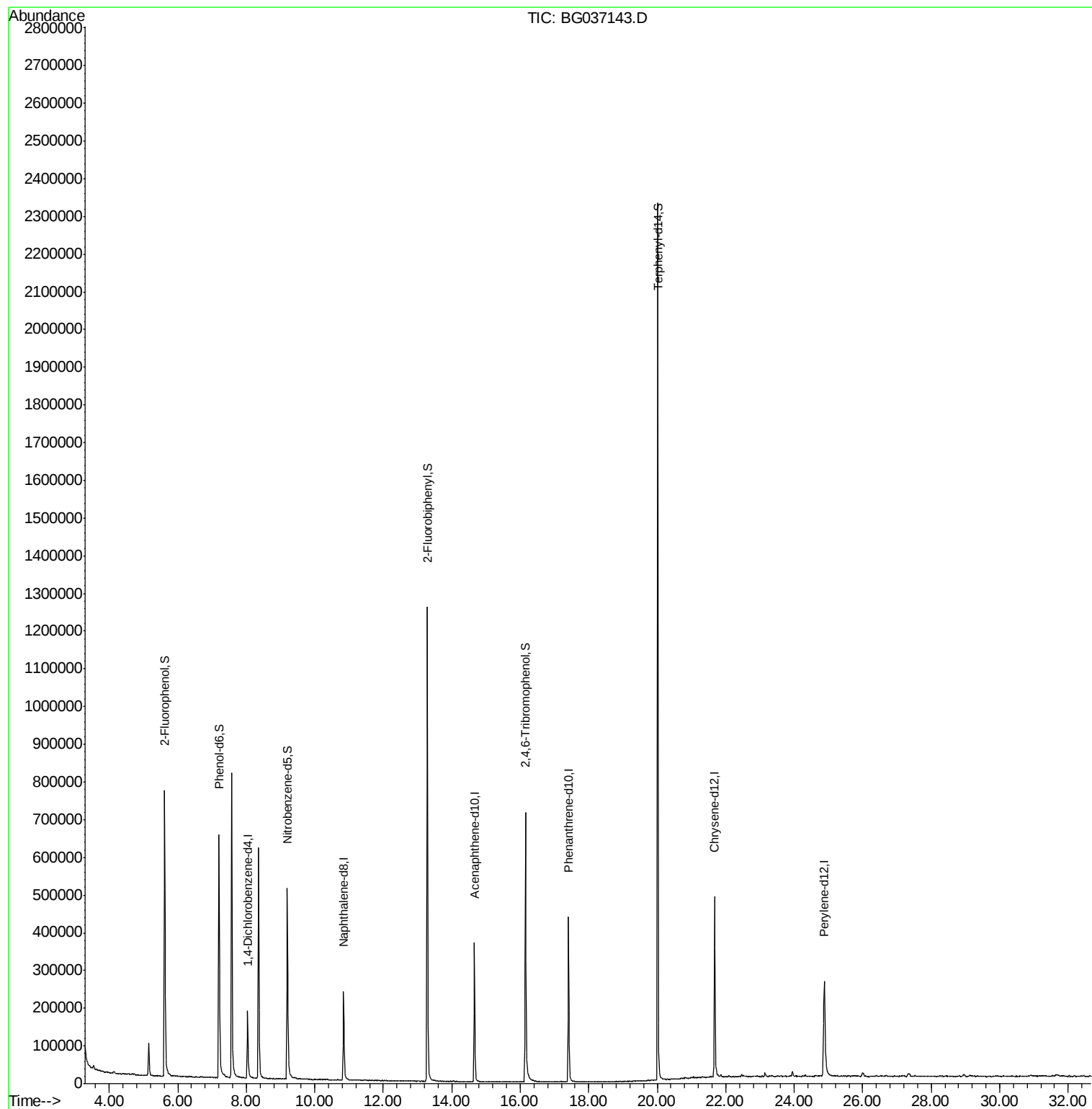
Target Compounds Qvalue

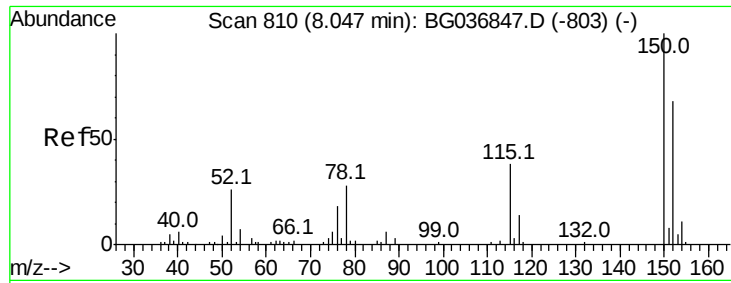
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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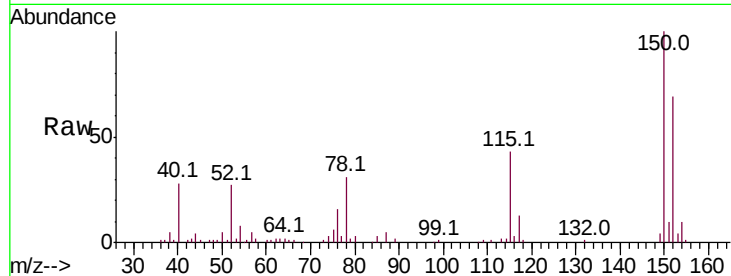


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BG037143.D
 Acq: 4 Oct 2018 2:59

Instrument :
 BNA_G
 ClientSampleId :
 CB-1018-S-TCLP-GRID50-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.4	119.5	179.3
115	62.8	44.5	66.7

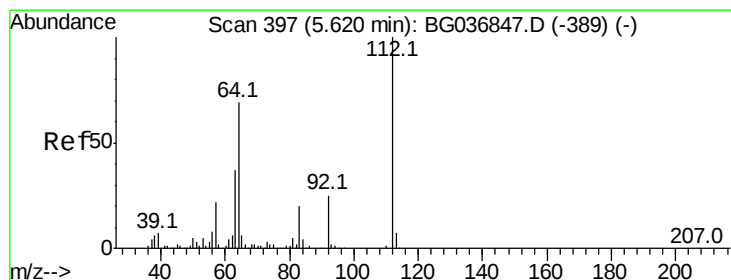
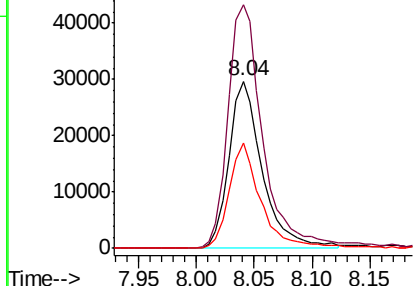
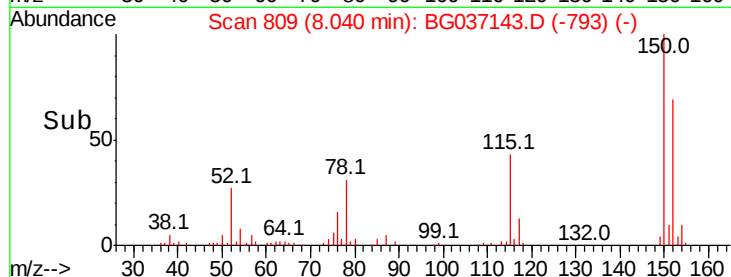


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

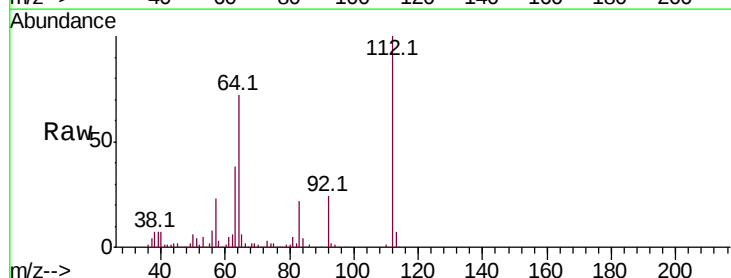
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 119.195 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG037143.D
 Acq: 4 Oct 2018 2:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.9	57.2	85.8
63	37.7	30.8	46.2

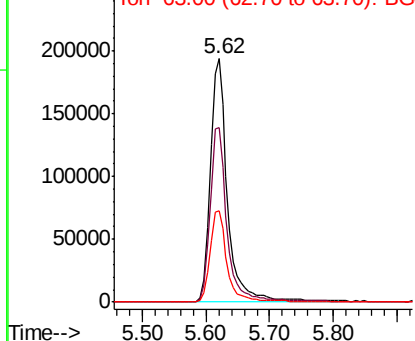
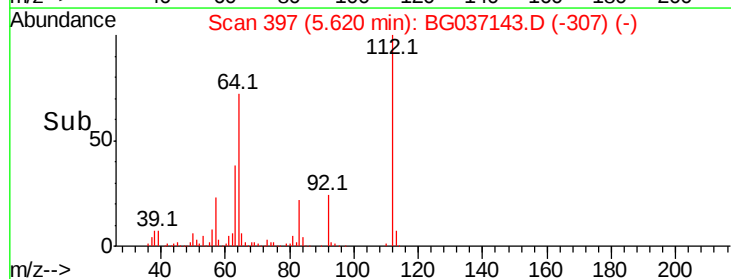


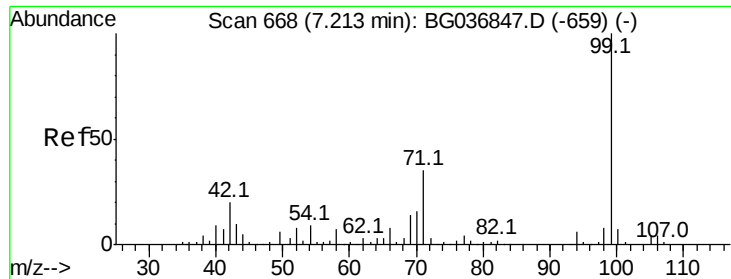
Abundance

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: 91.299 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037143.D

Acq: 4 Oct 2018 2:59

Instrument :

BNA_G

ClientSampleId :

CB-1018-S-TCLP-GRID50-1

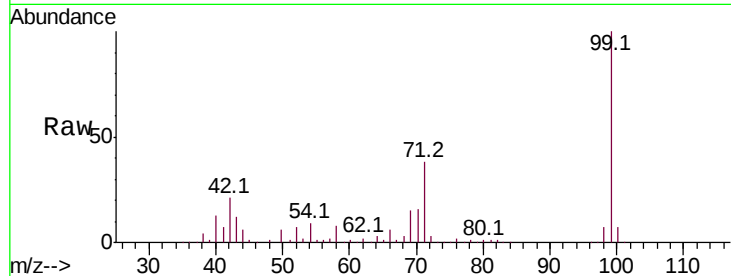
Tot Ion: 99 Resp: 438766

Ion Ratio Lower Upper

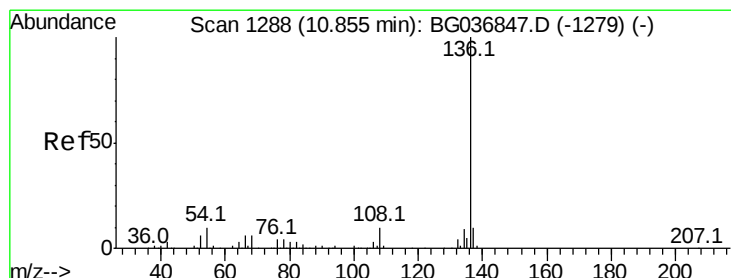
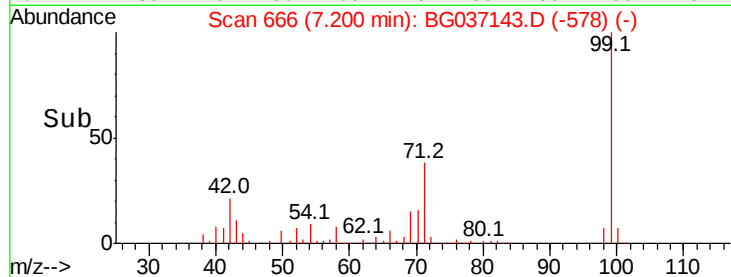
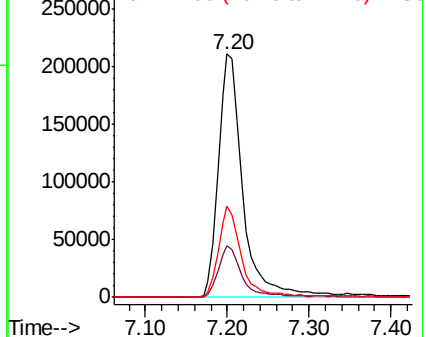
99 100

42 21.3 16.5 24.7

71 37.7 29.4 44.2



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. -0.01 min

Lab File: BG037143.D

Acq: 4 Oct 2018 2:59

Tgt Ion:136 Resp: 238504

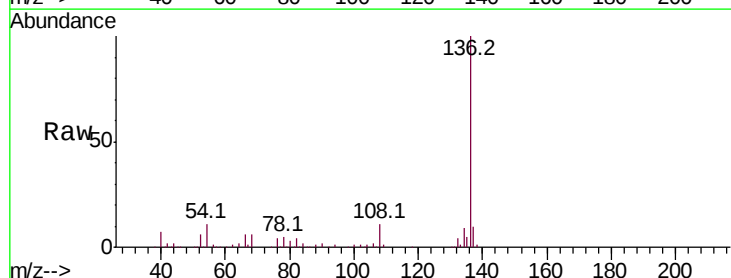
Ion Ratio Lower Upper

136 100

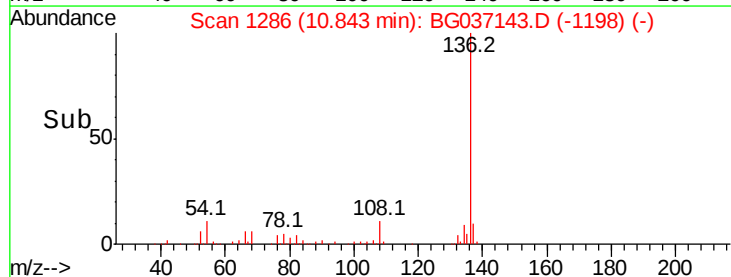
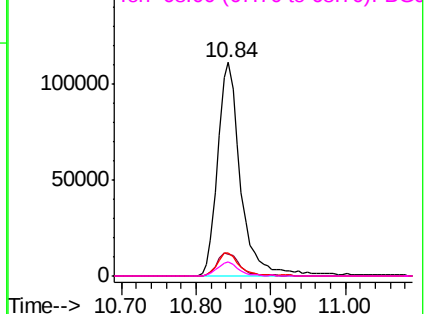
137 10.4 8.8 13.2

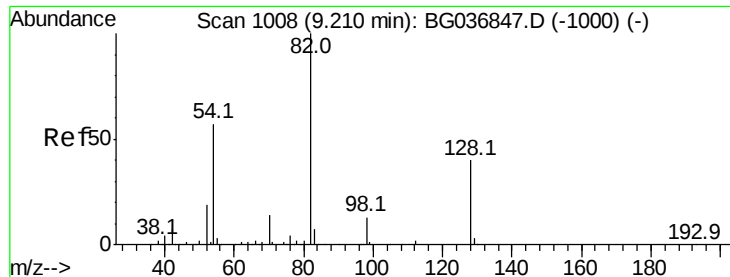
54 10.9 9.2 13.8

68 6.5 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

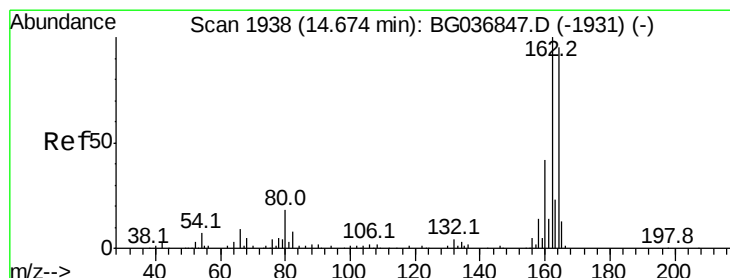
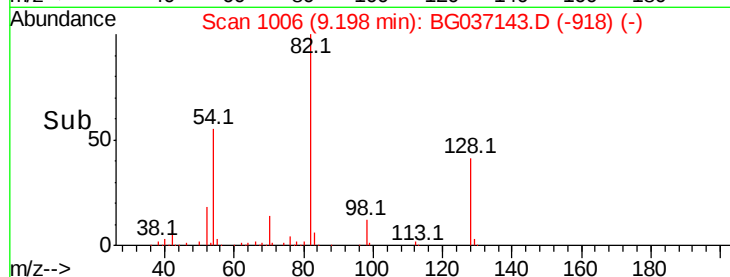
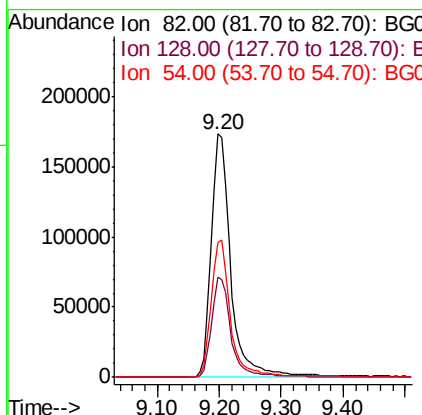
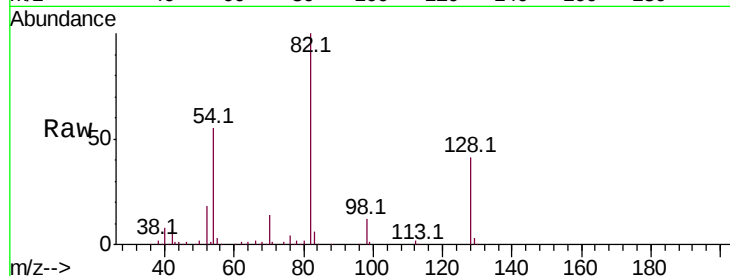




#23
Nitrobenzene-d5
Concen: 85.198 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037143.D
Acq: 4 Oct 2018 2:59

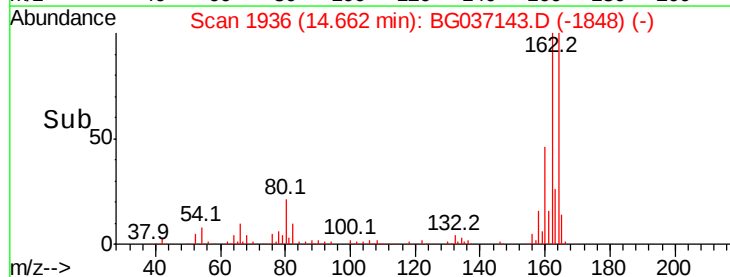
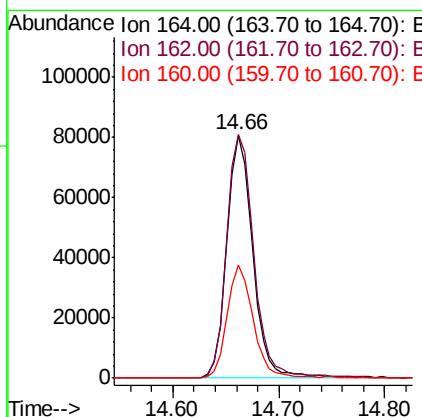
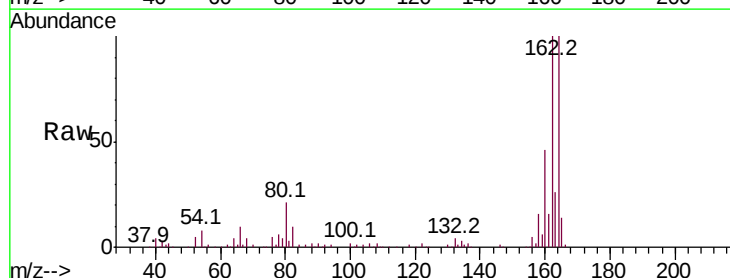
Instrument :
BNA_G
ClientSampleId :
CB-1018-S-TCLP-GRID50-1

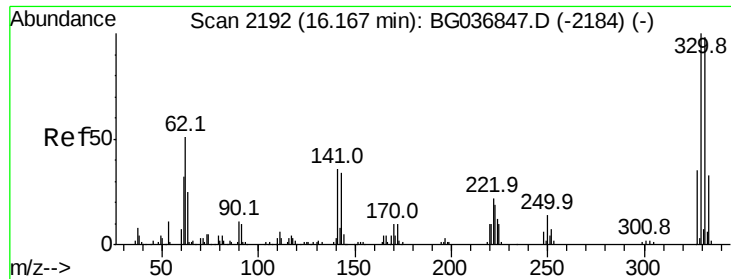
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	33.3	49.9
54	55.4	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037143.D
Acq: 4 Oct 2018 2:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.7	121.1
160	46.3	35.3	52.9

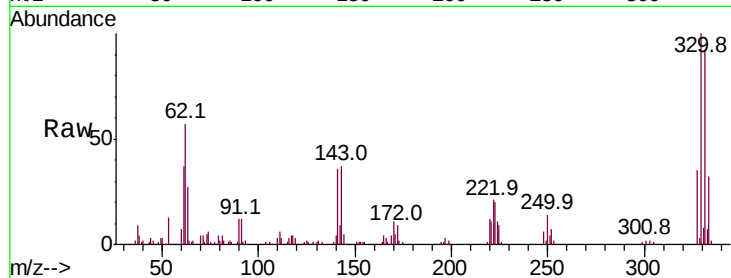




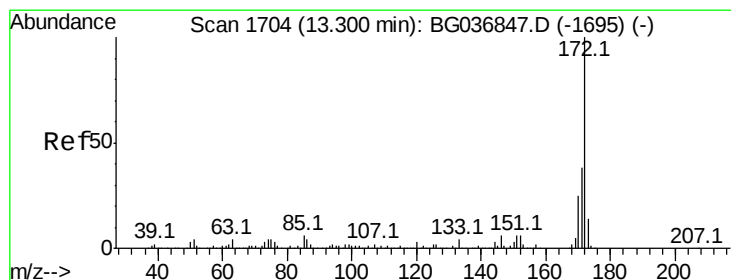
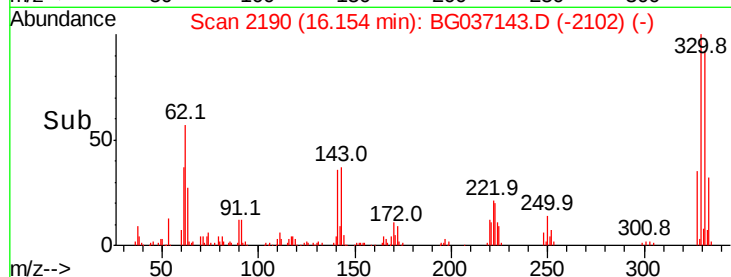
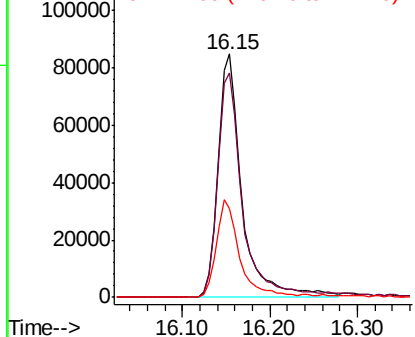
#41
 2,4,6-Tribromophenol
 Concen: 98.330 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037143.D
 Acq: 4 Oct 2018 2:59

Instrument :
 BNA_G
 ClientSampleId :
 CB-1018-S-TCLP-GRID50-1

Tot Ion:330 Resp: 161441
 Ion Ratio Lower Upper
 330 100
 332 94.0 75.4 113.2
 141 40.1 30.7 46.1

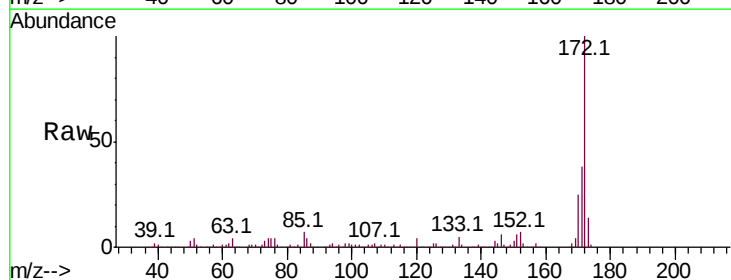


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

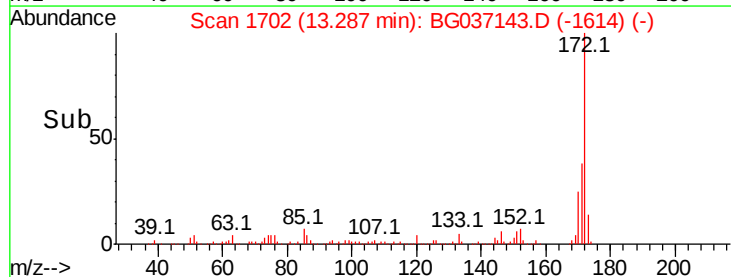
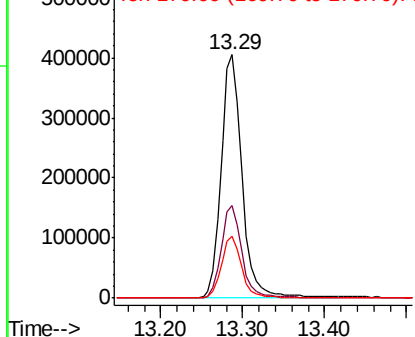


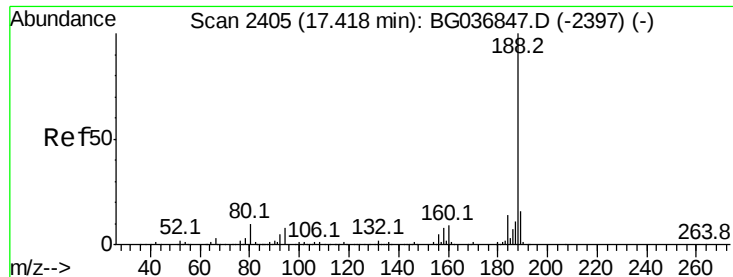
#44
 2-Fluorobiphenyl
 Concen: 78.549 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037143.D
 Acq: 4 Oct 2018 2:59

Tgt Ion:172 Resp: 723722
 Ion Ratio Lower Upper
 172 100
 171 38.3 31.3 46.9
 170 25.4 21.0 31.6



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

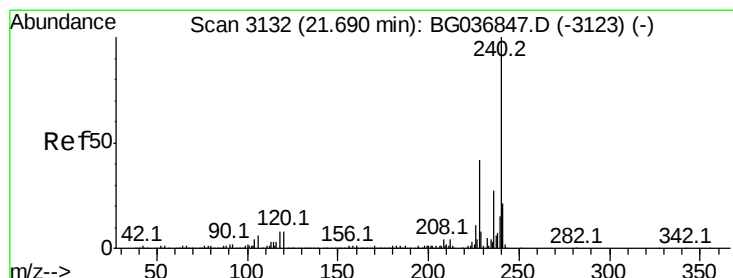
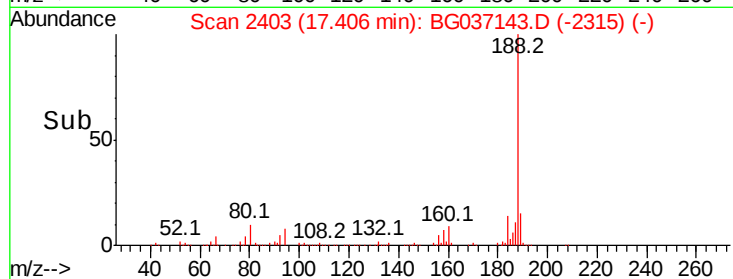
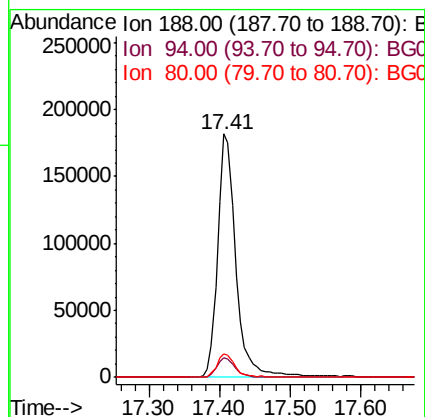
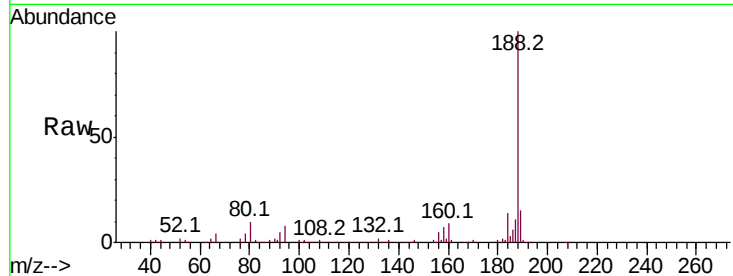




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037143.D
Acq: 4 Oct 2018 2:59

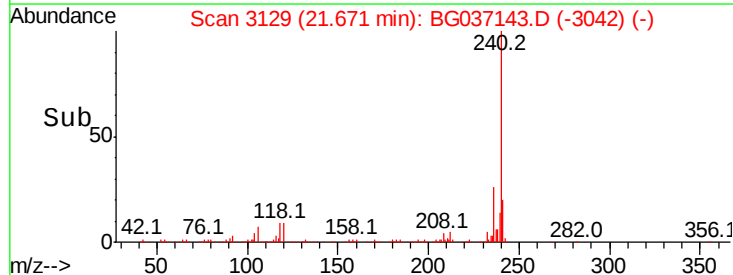
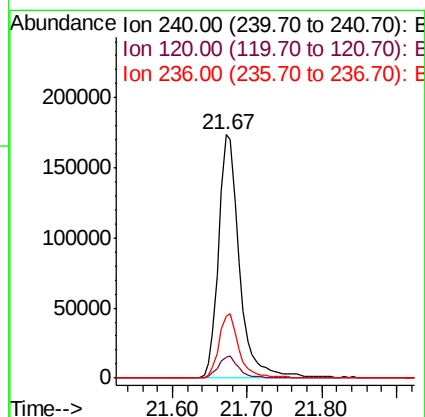
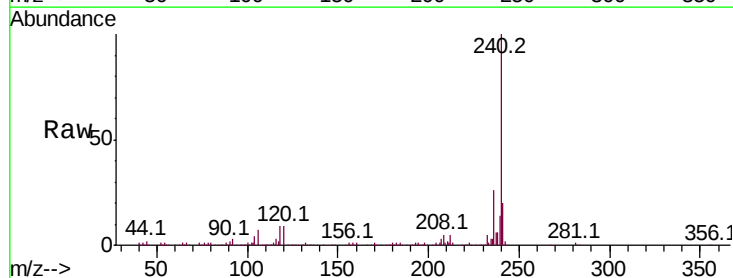
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BNA_G
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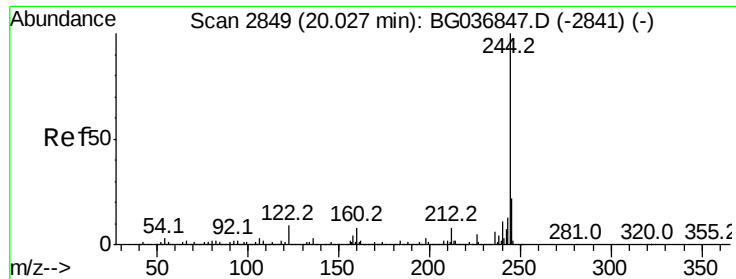
Tot Ion:188 Resp: 327603
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 9.7 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG037143.D
Acq: 4 Oct 2018 2:59

Tgt Ion:240 Resp: 337321
Ion Ratio Lower Upper
240 100
120 8.7 6.9 10.3
236 25.6 21.2 31.8



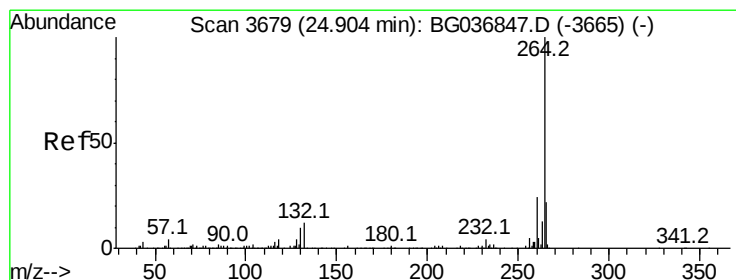
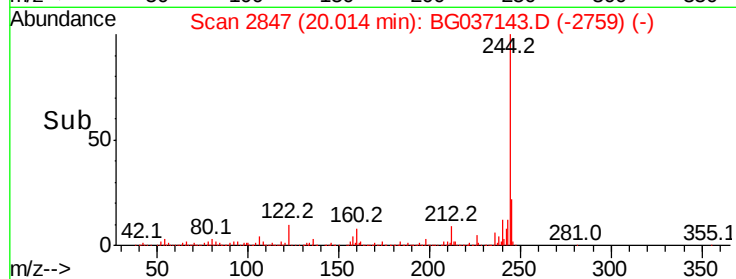
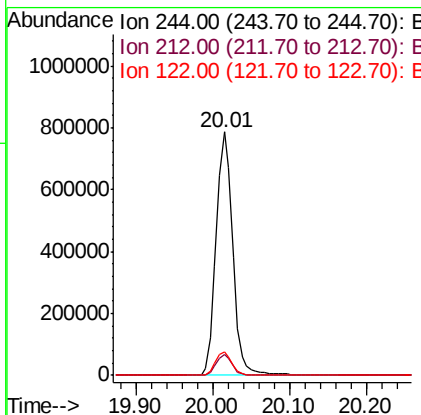
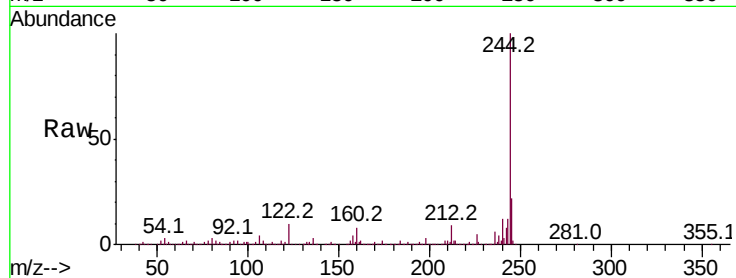


#78
 Terphenyl-d14
 Concen: 91.418 ng
 RT: 20.01 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BG037143.D
 Acq: 4 Oct 2018 2:59

Instrument :
 BNA_G
 ClientSampleId :
 CB-1018-S-TCLP-GRID50-1

Tot Ion:244 Resp: 1172748

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	9.9	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.02 min
 Lab File: BG037143.D
 Acq: 4 Oct 2018 2:59

Tgt Ion:264 Resp: 322425

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.6	29.4
265	21.6	17.4	26.0

