

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
 Data File : BG038112.D
 Acq On : 21 Nov 2018 9:51
 Operator : JU/SJ
 Sample : J5999-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSSI-1114-S-TCLP-4

Quant Time: Nov 21 11:00:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	37571	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	172907	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	109969	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	250806	20.00	ng	0.00
76) Chrysene-d12	21.75	240	239414	20.00	ng	0.00
87) Perylene-d12	25.07	264	223296	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	241677	111.06	ng	0.00
7) Phenol-d6	7.23	99	323837	104.26	ng	0.00
23) Nitrobenzene-d5	9.26	82	239428	74.12	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	75156	59.92	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	539086	71.42	ng	0.00
79) Terphenyl-d14	20.07	244	844082	82.96	ng	0.00

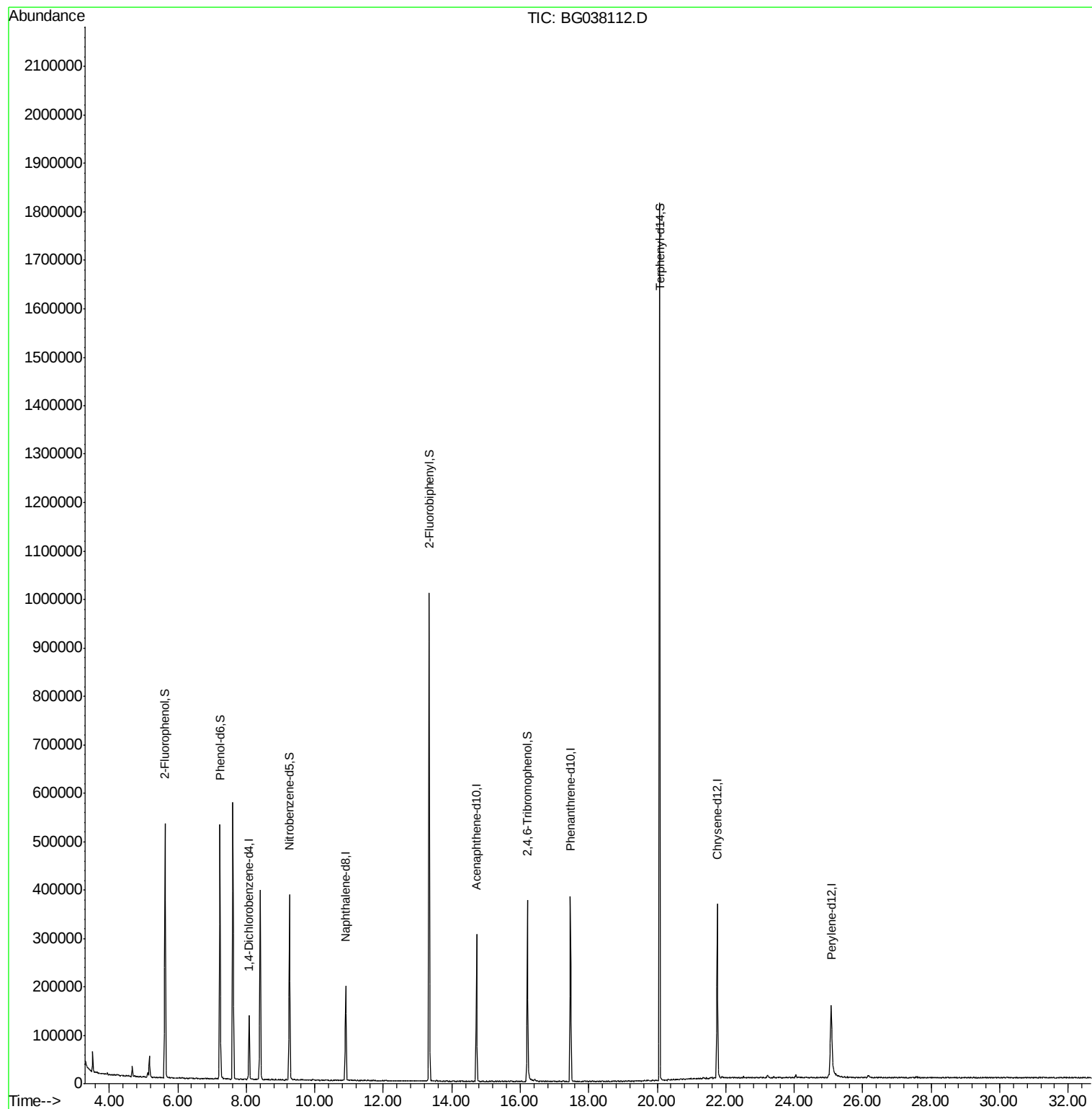
Target Compounds Qvalue

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

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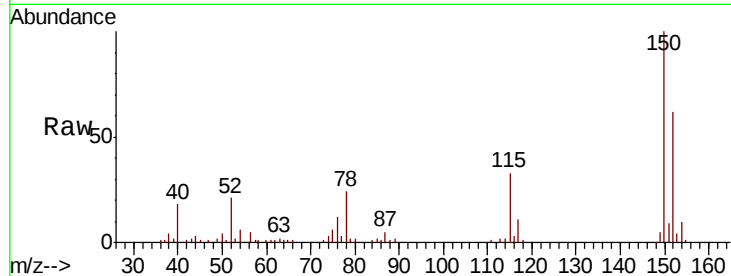


#1

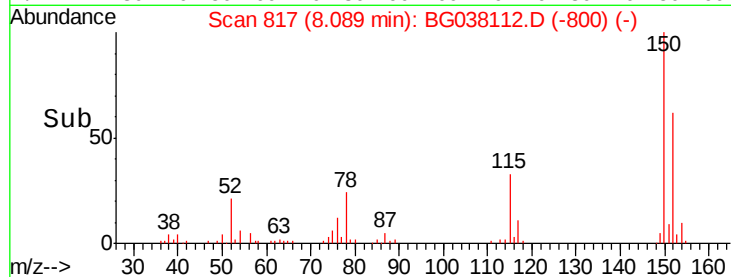
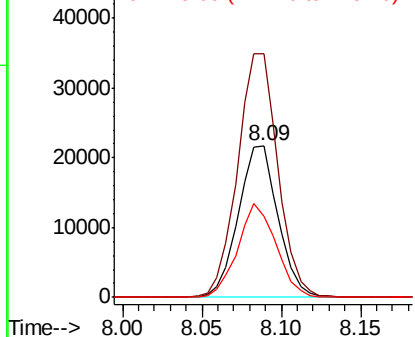
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG038112.D
Acq: 21 Nov 2018 9:51

Instrument :
BNA_G
ClientSampleId :
SSSI-1114-S-TCLP-4

Tot Ion:152 Resp: 37571
Ion Ratio Lower Upper
152 100
150 160.4 126.0 189.0
115 53.4 45.5 68.3



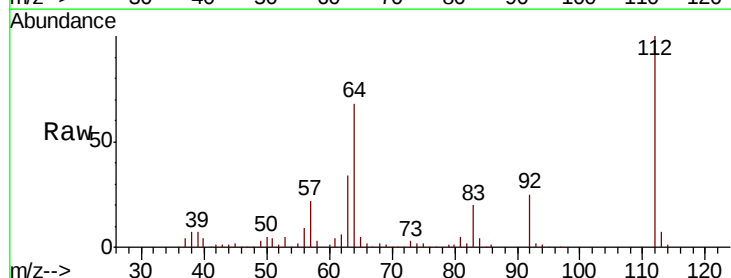
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



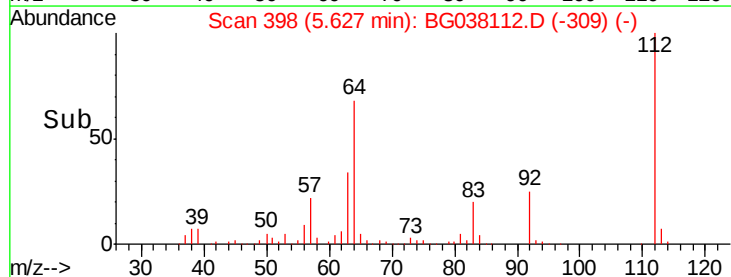
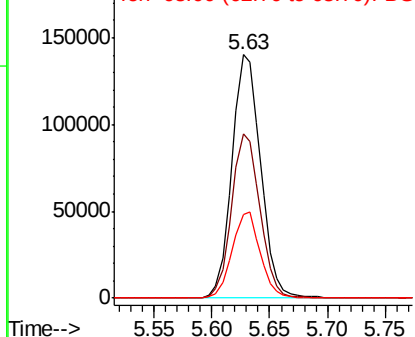
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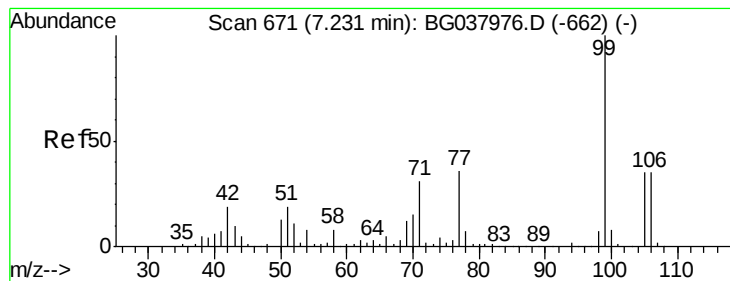
2-Fluorophenol
Concen: 111.062 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038112.D
Acq: 21 Nov 2018 9:51

Tgt Ion:112 Resp: 241677
Ion Ratio Lower Upper
112 100
64 67.7 53.1 79.7
63 34.1 27.3 40.9



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: 104.255 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038112.D

Acq: 21 Nov 2018 9:51

Instrument :

BNA_G

ClientSampleId :

SSSI-1114-S-TCLP-4

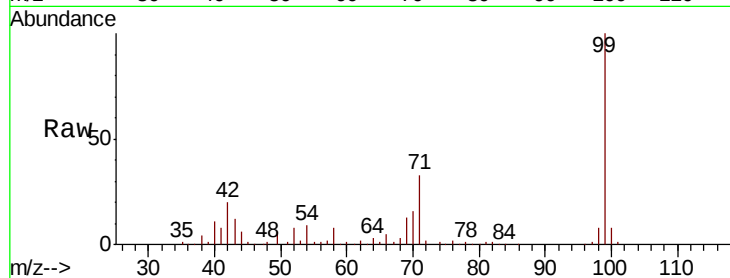
Tot Ion: 99 Resp: 323837

Ion Ratio Lower Upper

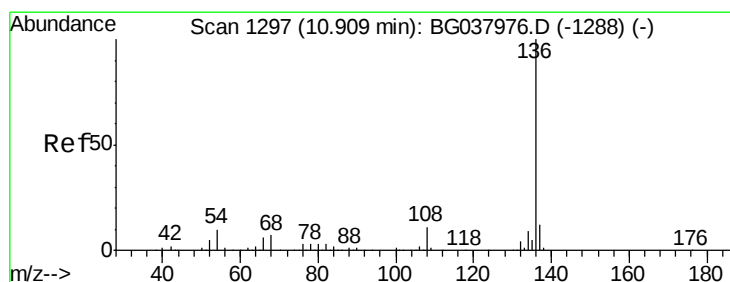
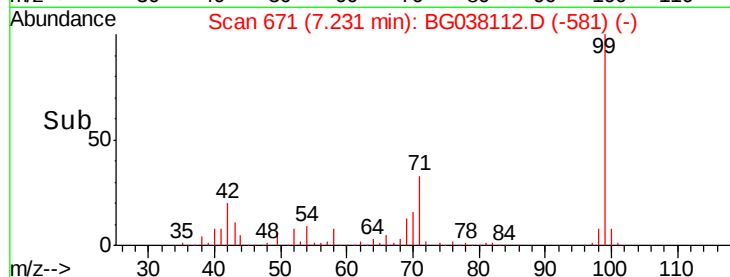
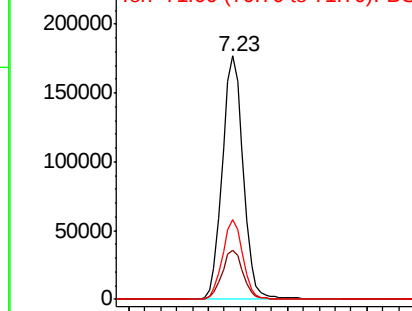
99 100

42 20.2 15.0 22.4

71 33.0 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG038112.D

Acq: 21 Nov 2018 9:51

Tgt Ion: 136 Resp: 172907

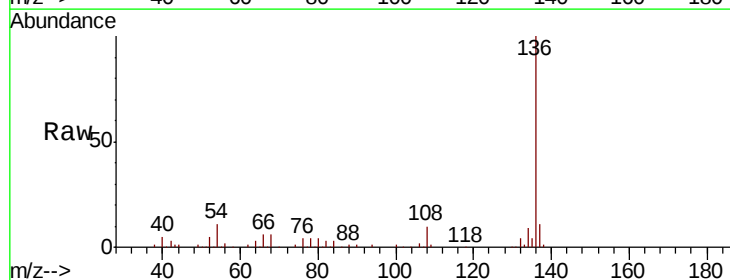
Ion Ratio Lower Upper

136 100

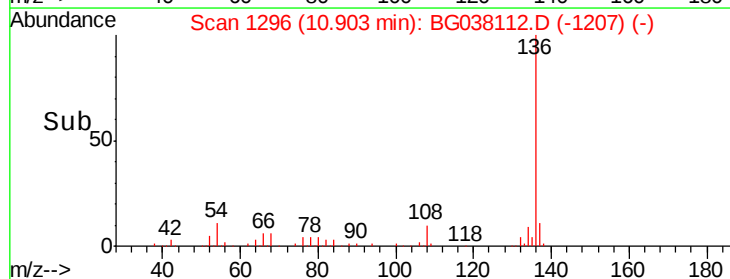
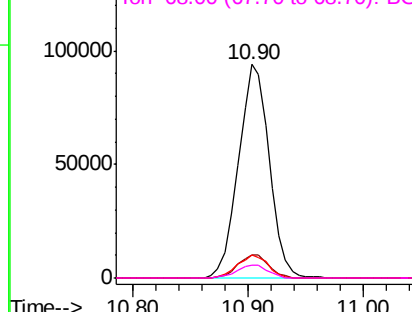
137 10.8 9.6 14.4

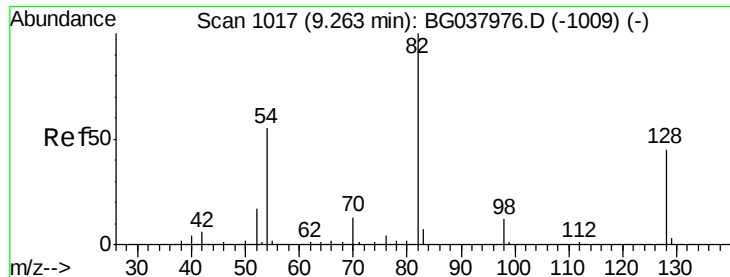
54 11.0 7.9 11.9

68 5.8 4.8 7.2



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

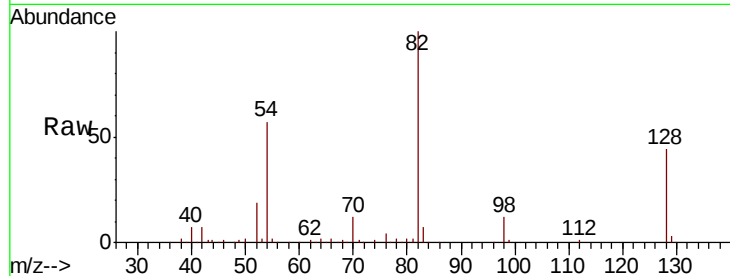




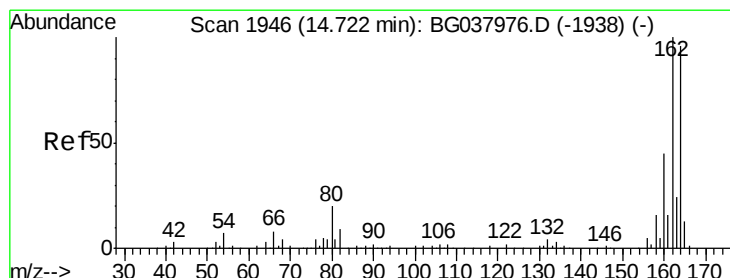
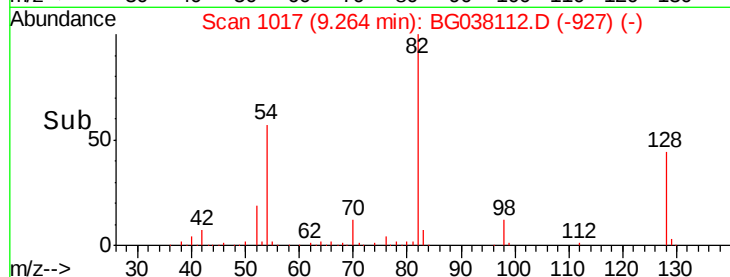
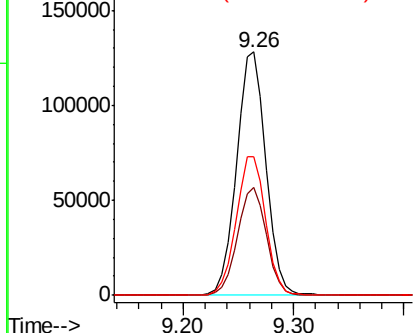
#23
Nitrobenzene-d5
Concen: 74.125 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038112.D
Acq: 21 Nov 2018 9:51

Instrument :
BNA_G
ClientSampleId :
SSSI-1114-S-TCLP-4

Tot Ion	82	Resp	239428
Ion Ratio	100		
Lower	34.6		
Upper	51.8		
128	44.4		
54	57.0		
	45.3		
	67.9		

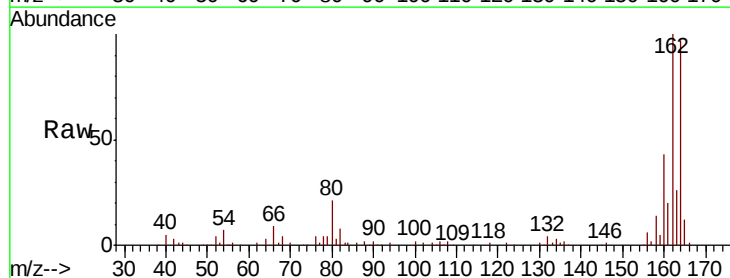


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

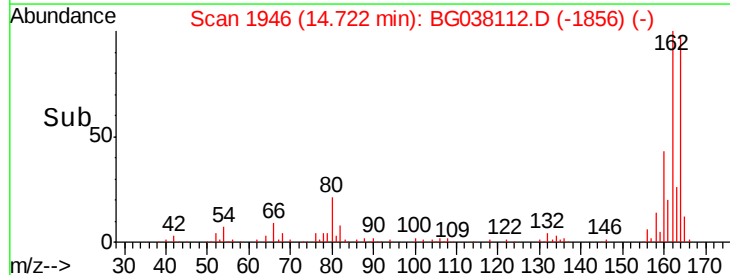
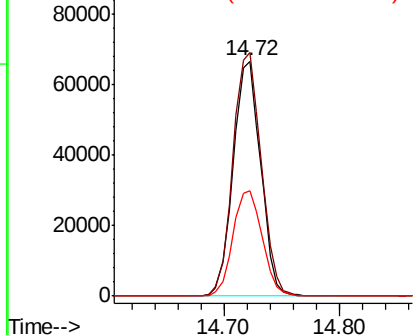


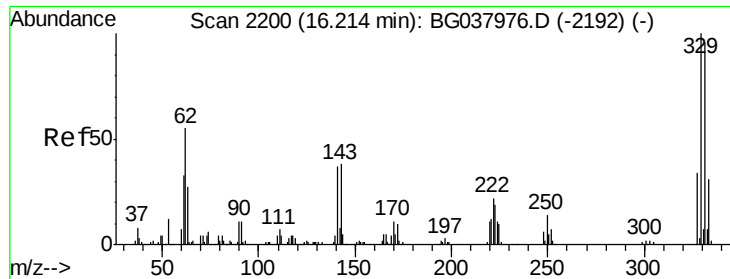
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG038112.D
Acq: 21 Nov 2018 9:51

Tgt Ion	164	Resp	109969
Ion Ratio	100		
Lower	81.3		
Upper	121.9		
162	103.6		
160	44.9		
	36.3		
	54.5		



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

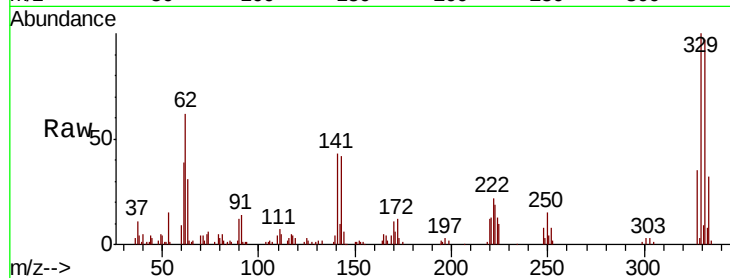




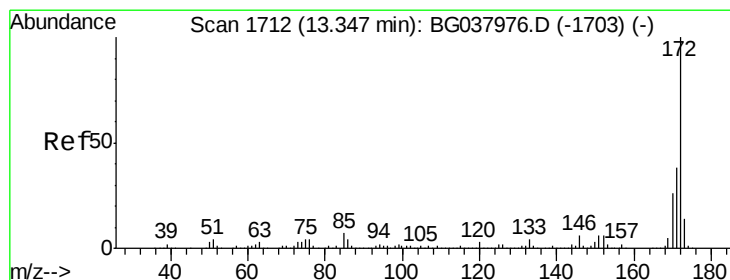
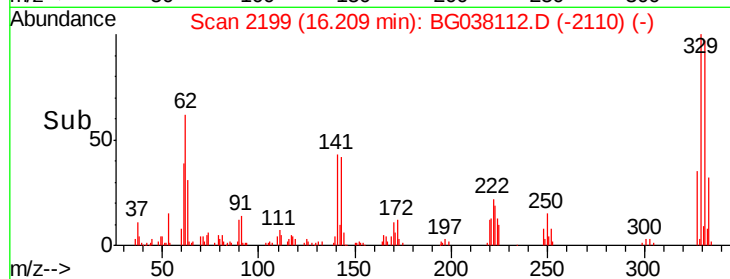
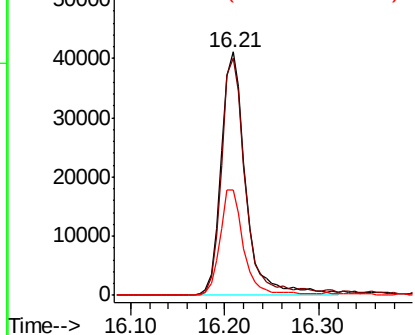
#42
 2,4,6-Tribromophenol
 Concen: 59.925 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038112.D
 Acq: 21 Nov 2018 9:51

Instrument :
 BNA_G
 ClientSampleId :
 SSSI-1114-S-TCLP-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	78.4	117.6
141	41.6	32.2	48.2

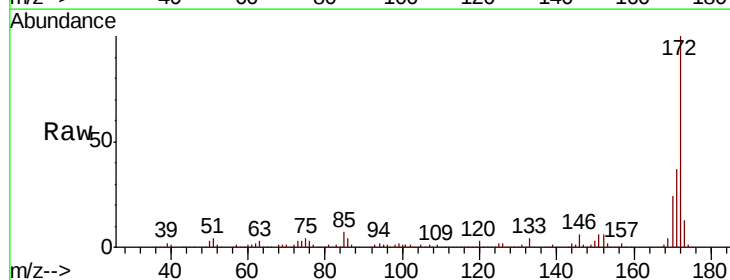


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

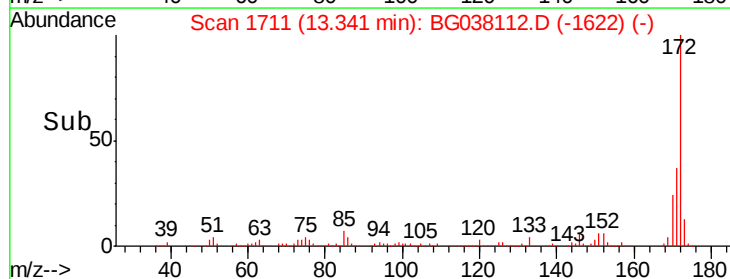
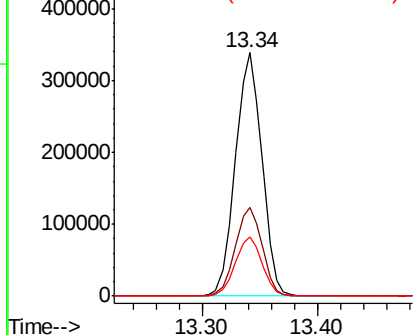


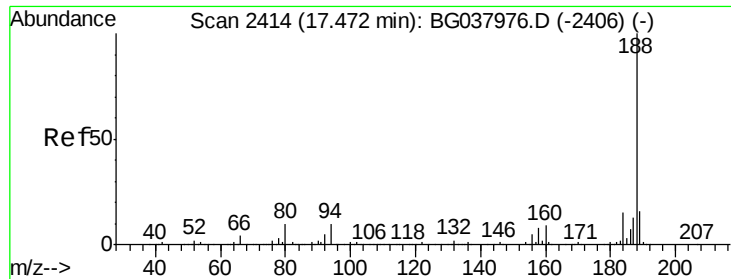
#45
 2-Fluorobiphenyl
 Concen: 71.417 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038112.D
 Acq: 21 Nov 2018 9:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	31.0	46.4
170	24.2	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

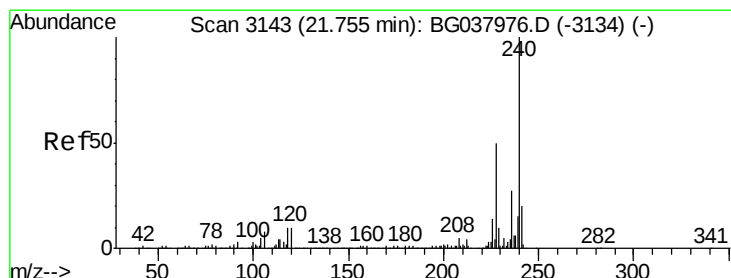
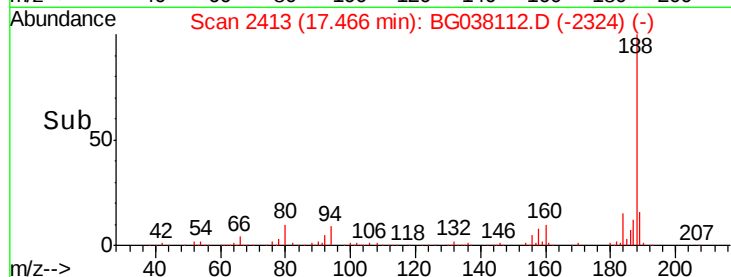
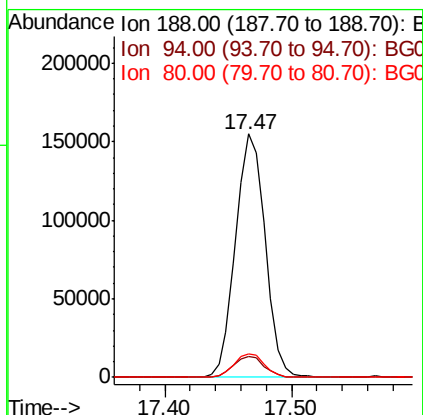
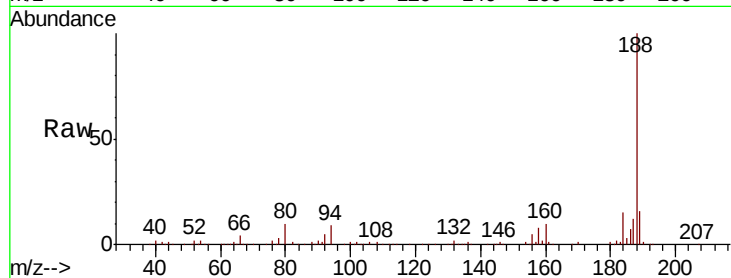




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038112.D
Acq: 21 Nov 2018 9:51

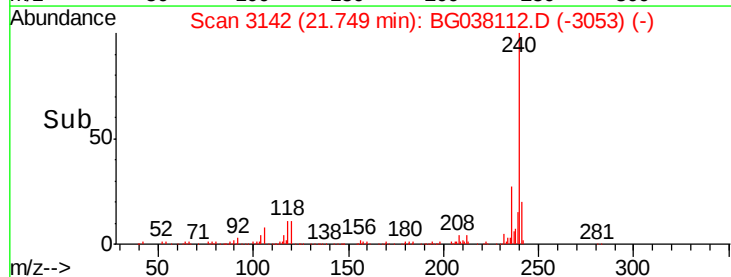
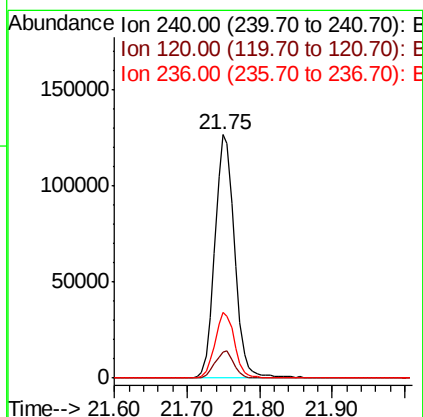
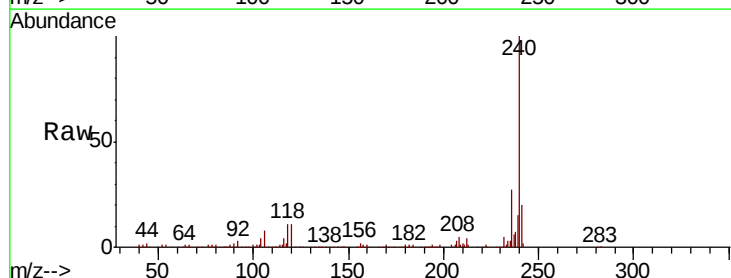
Instrument :
BNA_G
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SSSI-1114-S-TCLP-4

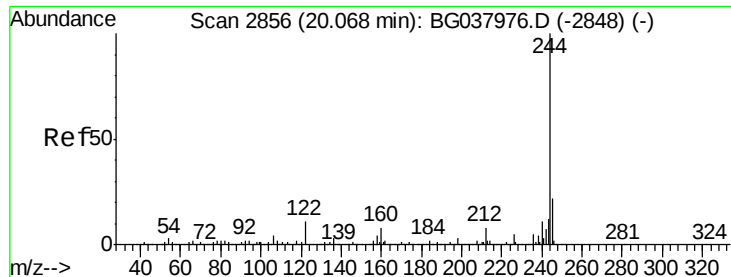
Tot Ion:188 Resp: 250806
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.8 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038112.D
Acq: 21 Nov 2018 9:51

Tgt Ion:240 Resp: 239414
Ion Ratio Lower Upper
240 100
120 10.8 8.1 12.1
236 26.8 21.4 32.0





#79

Terphenyl-d14

Concen: 82.958 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038112.D

Acq: 21 Nov 2018 9:51

Instrument :

BNA_G

ClientSampleId :

SSSI-1114-S-TCLP-4

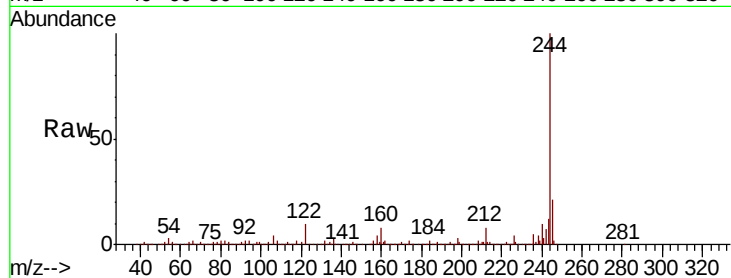
Tot Ion:244 Resp: 844082

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

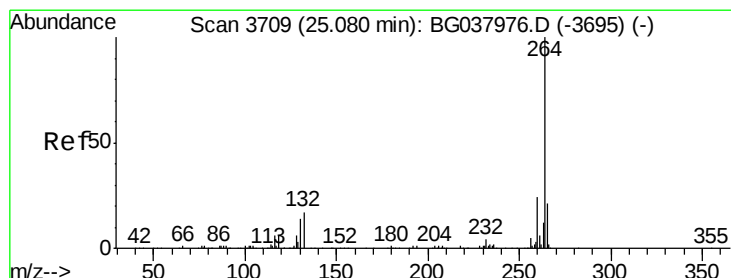
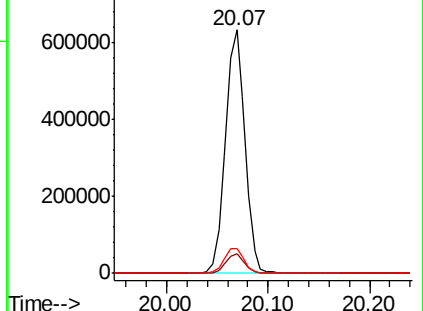
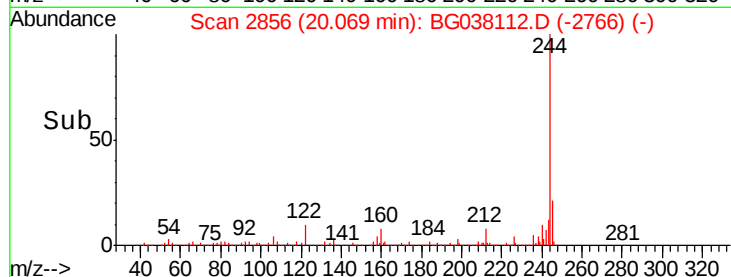
122 9.9 9.0 13.4



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: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG038112.D

Acq: 21 Nov 2018 9:51

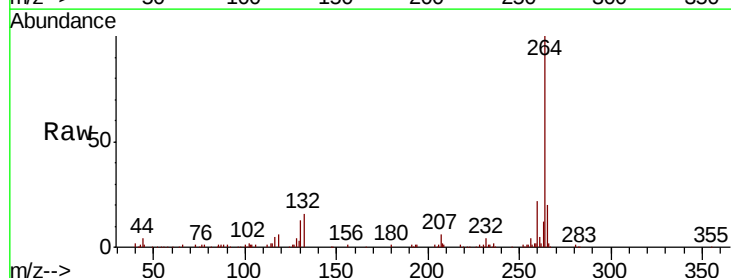
Tgt Ion:264 Resp: 223296

Ion Ratio Lower Upper

264 100

260 22.3 18.2 27.4

265 19.9 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

