

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
 Data File : BG038823.D
 Acq On : 22 Dec 2018 18:32
 Operator : JU/SJ
 Sample : J6498-08
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSSI-1219-S-TCLP-6

Quant Time: Dec 24 04:25:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	25554	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	109073	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	75114	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	173074	20.00	ng	0.00
76) Chrysene-d12	21.72	240	176875	20.00	ng	0.00
87) Perylene-d12	25.03	264	183948	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	208146	144.47	ng	0.01
7) Phenol-d6	7.22	99	267027	135.01	ng	0.01
23) Nitrobenzene-d5	9.24	82	209662	98.20	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	134197	129.63	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	573716	104.78	ng	0.00
79) Terphenyl-d14	20.04	244	958451	117.93	ng	0.00

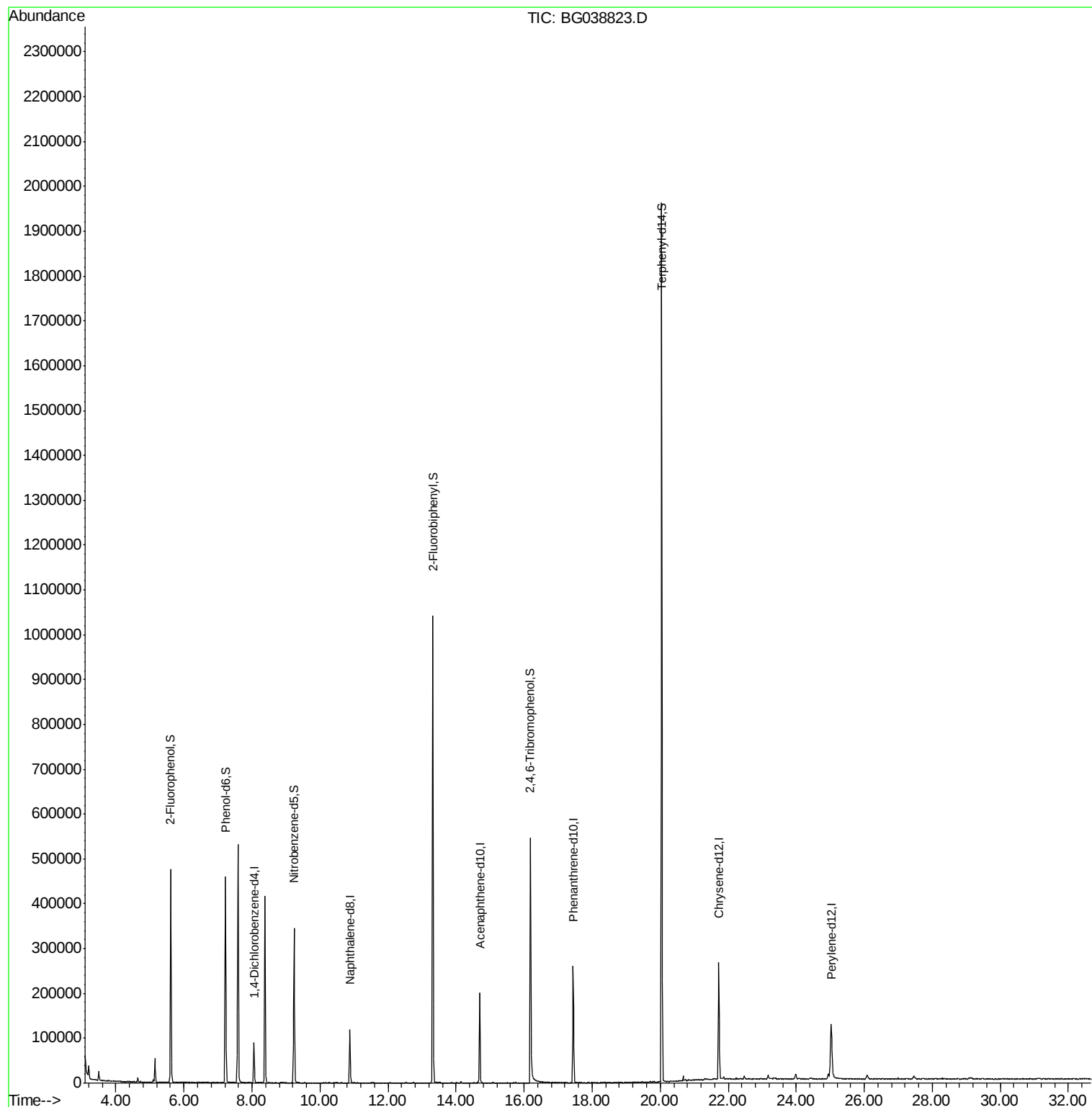
Target Compounds Qvalue

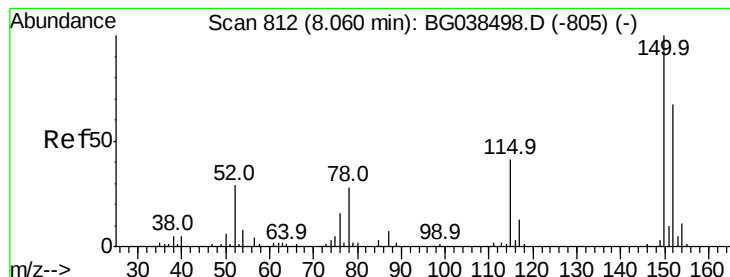
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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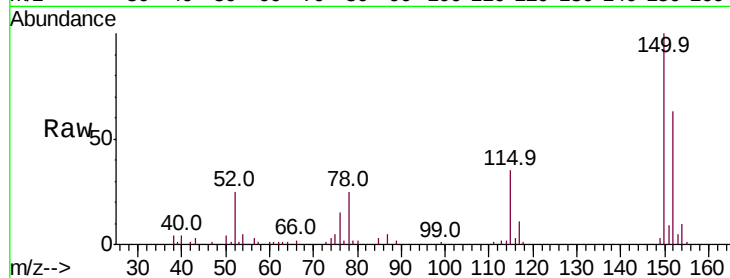


#1

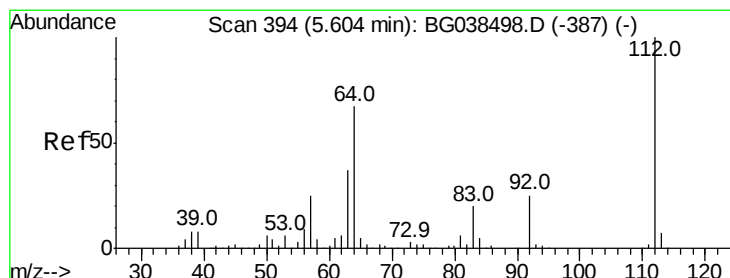
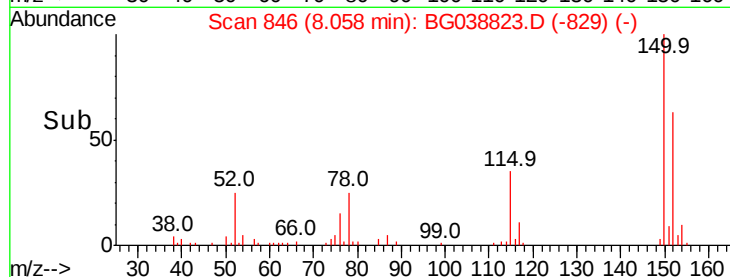
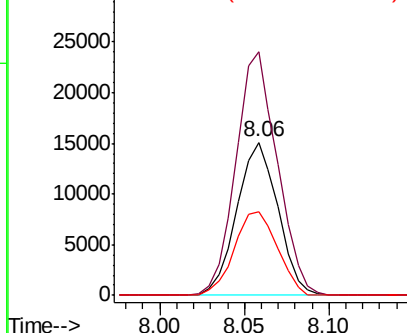
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038823.D
Acq: 22 Dec 2018 18:32

Instrument :
BNA_G
ClientSampleId :
SSSI-1219-S-TCLP-6

Tot Ion:152 Resp: 25554
Ion Ratio Lower Upper
152 100
150 159.3 119.5 179.3
115 55.1 49.6 74.4



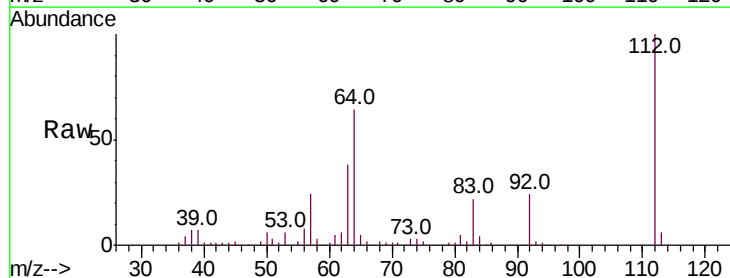
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



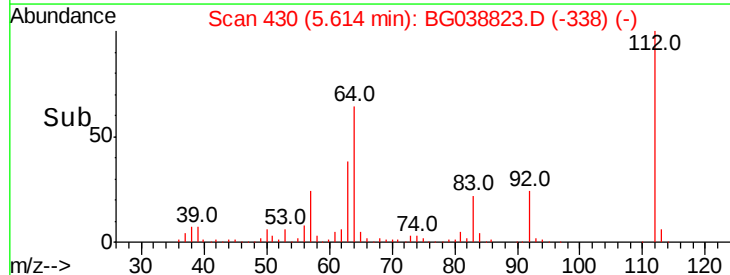
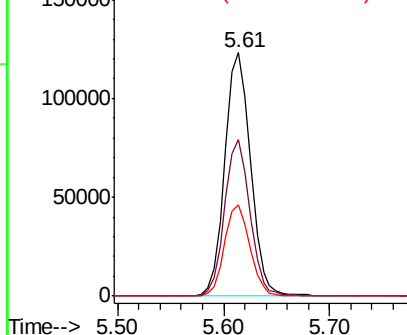
#5

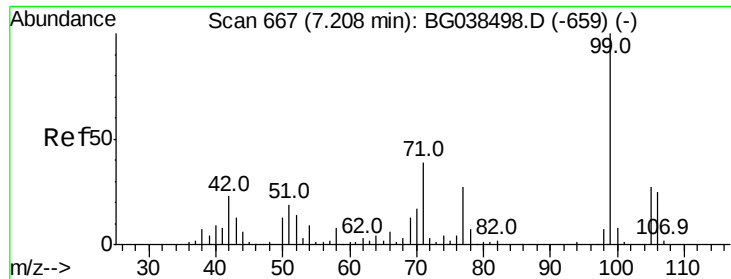
2-Fluorophenol
Concen: 144.470 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG038823.D
Acq: 22 Dec 2018 18:32

Tgt Ion:112 Resp: 208146
Ion Ratio Lower Upper
112 100
64 64.5 53.4 80.2
63 37.6 29.3 43.9



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: 135.007 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038823.D

Acq: 22 Dec 2018 18:32

Instrument :

BNA_G

ClientSampleId :

SSSI-1219-S-TCLP-6

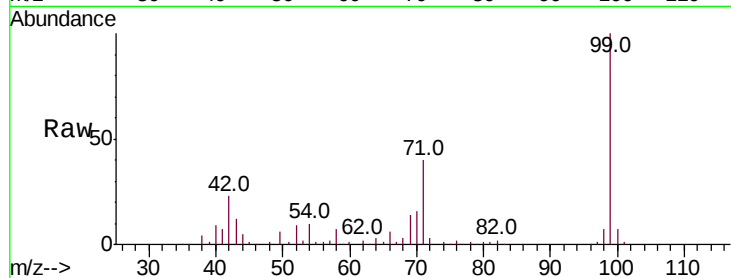
Tot Ion: 99 Resp: 267027

Ion Ratio Lower Upper

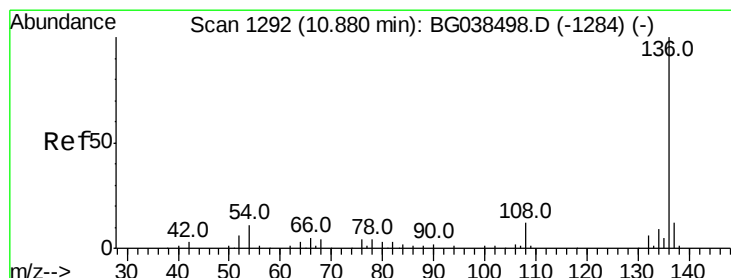
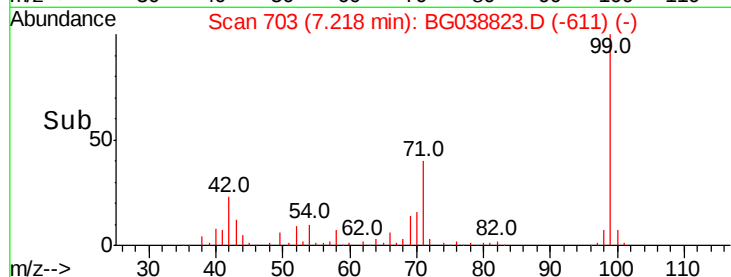
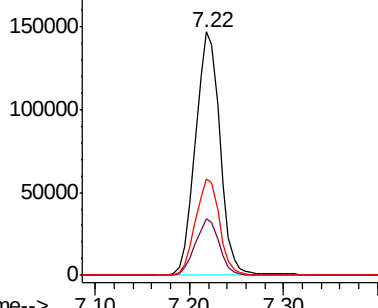
99 100

42 23.1 18.5 27.7

71 39.7 31.1 46.7



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: 10.88 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BG038823.D

Acq: 22 Dec 2018 18:32

Tgt Ion: 136 Resp: 109073

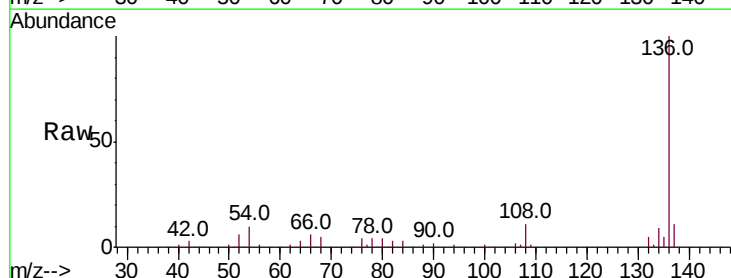
Ion Ratio Lower Upper

136 100

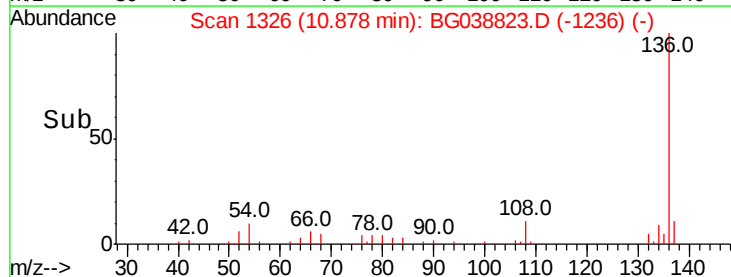
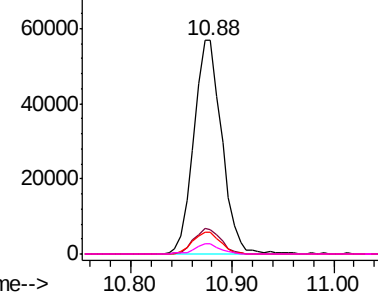
137 11.4 9.3 13.9

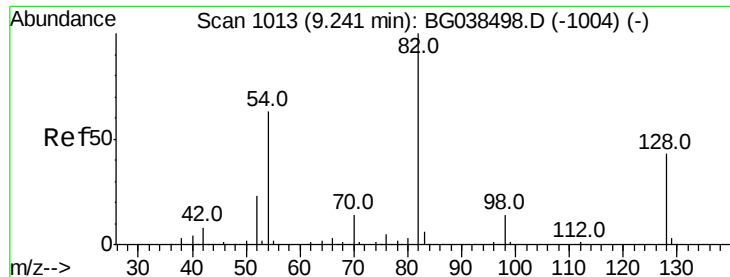
54 10.1 8.5 12.7

68 4.9 3.5 5.3



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

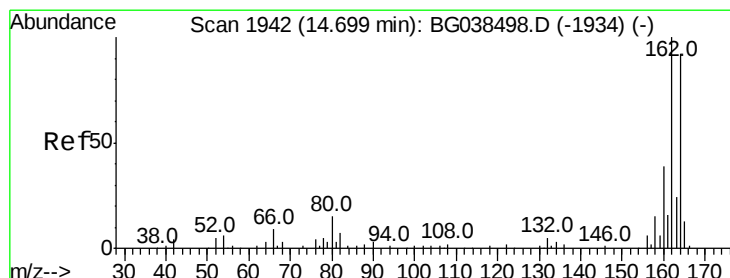
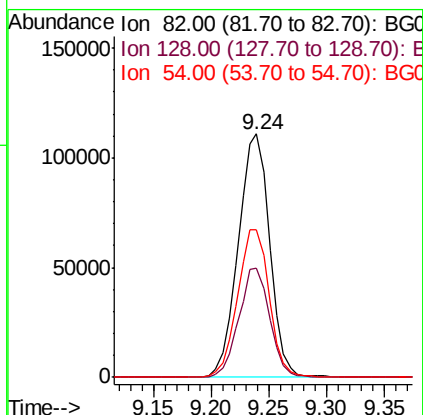
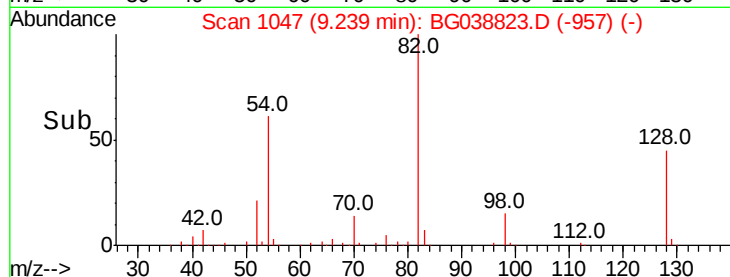
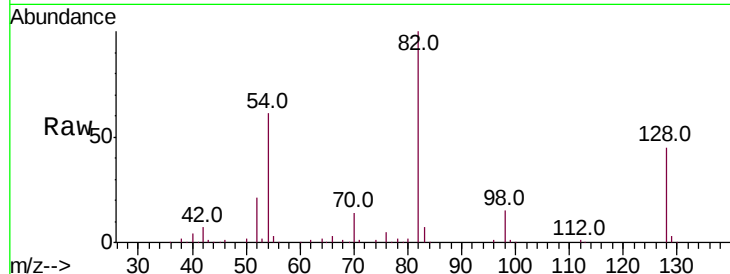




#23
 Nitrobenzene-d5
 Concen: 98.201 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG038823.D
 Acq: 22 Dec 2018 18:32

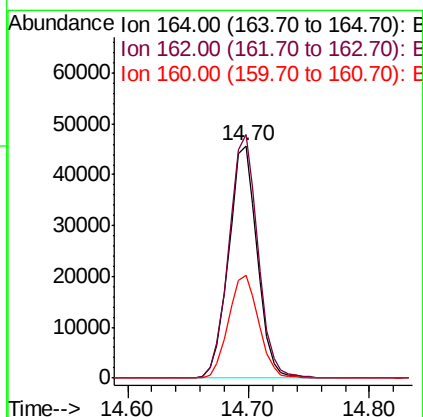
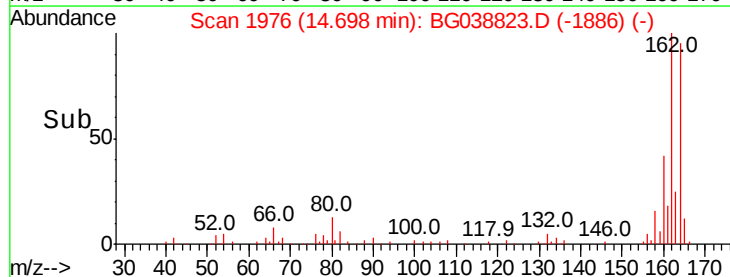
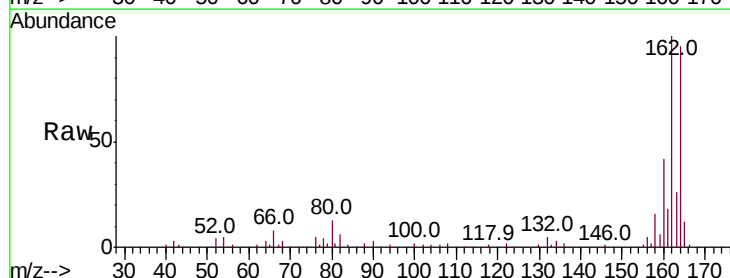
Instrument :
 BNA_G
 ClientSampleId :
 SSSI-1219-S-TCLP-6

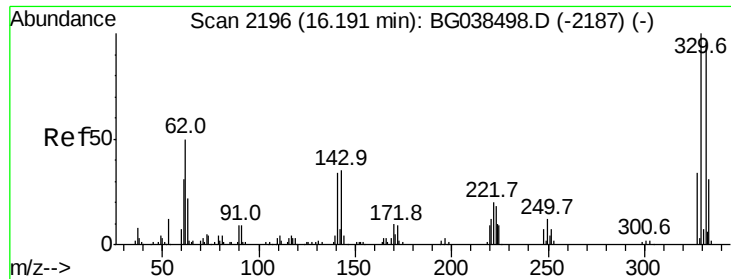
Tot Ion: 82 Resp: 209662
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.6 52.0
 54 60.7 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG038823.D
 Acq: 22 Dec 2018 18:32

Tgt Ion:164 Resp: 75114
 Ion Ratio Lower Upper
 164 100
 162 104.7 86.6 130.0
 160 44.0 34.2 51.2

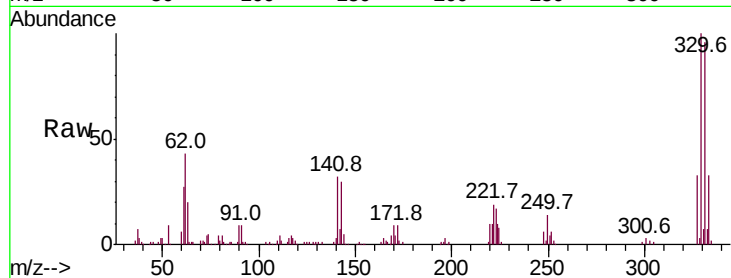




#42
 2,4,6-Tribromophenol
 Concen: 129.633 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG038823.D
 Acq: 22 Dec 2018 18:32

Instrument :
 BNA_G
 ClientSampleId :
 SSSI-1219-S-TCLP-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.0	76.9	115.3
141	33.6	28.8	43.2

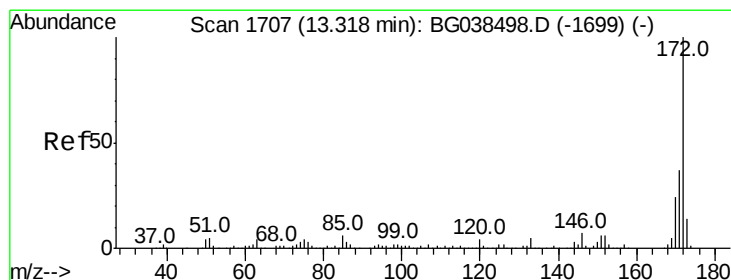
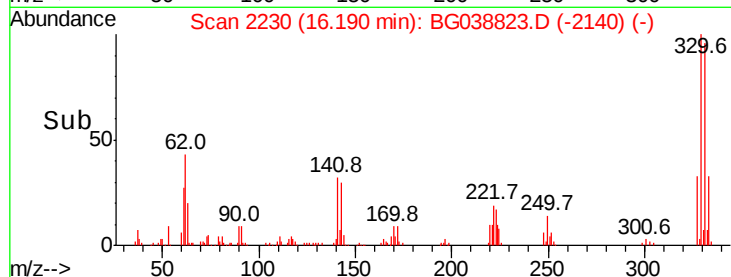
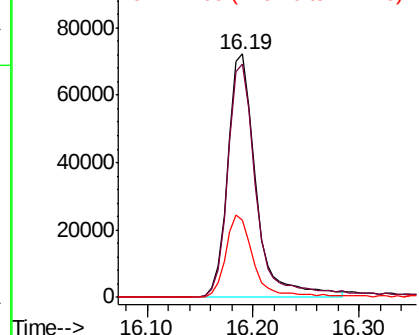


Abundance

Ion 329.80 (329.50 to 330.50): E

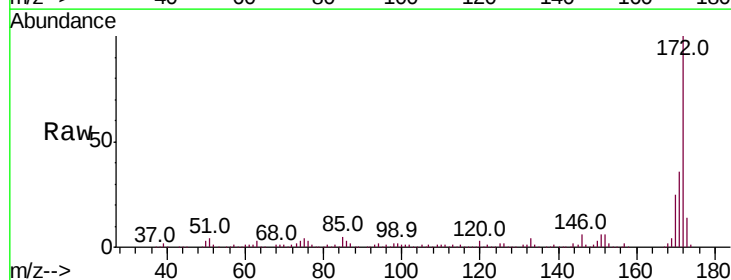
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 104.781 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038823.D
 Acq: 22 Dec 2018 18:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.8	44.6
170	24.6	19.5	29.3

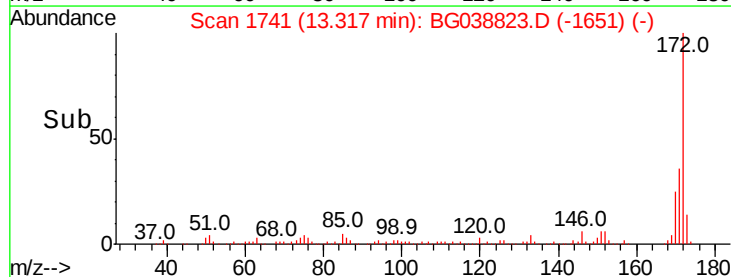
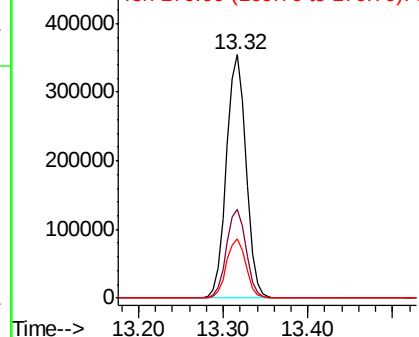


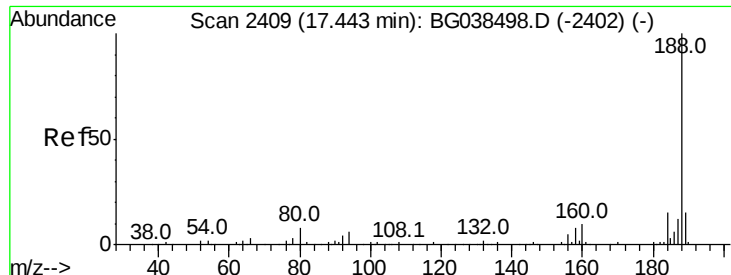
Abundance

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

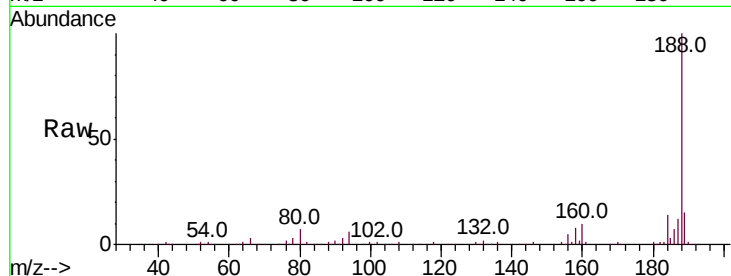




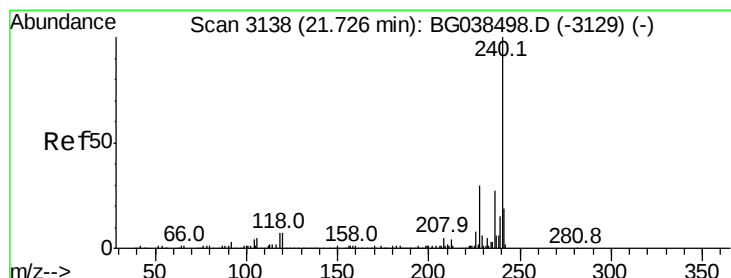
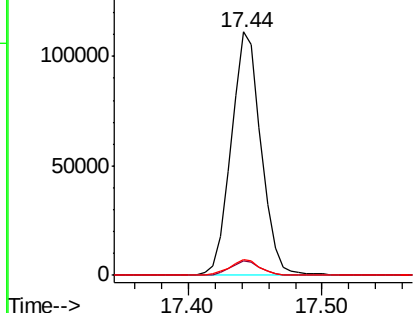
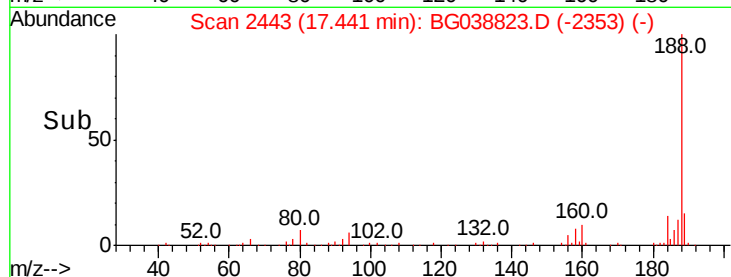
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038823.D
 Acq: 22 Dec 2018 18:32

Instrument :
 BNA_G
 ClientSampleId :
 SSSI-1219-S-TCLP-6

Tot Ion:188 Resp: 173074
 Ion Ratio Lower Upper
 188 100
 94 6.0 5.1 7.7
 80 6.7 6.1 9.1

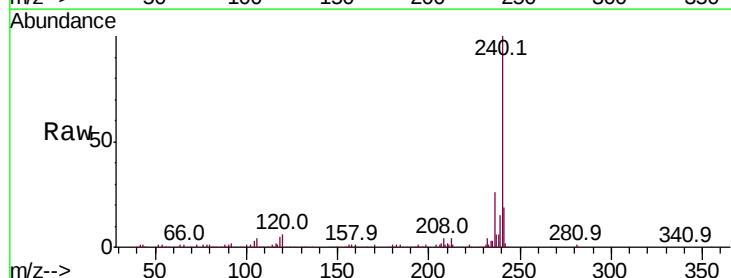


Abundance Ion 188.00 (187.70 to 188.70): E
 150000 Ion 94.00 (93.70 to 94.70): BGO
 Ion 80.00 (79.70 to 80.70): BGO

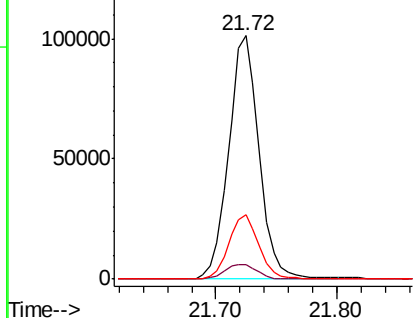
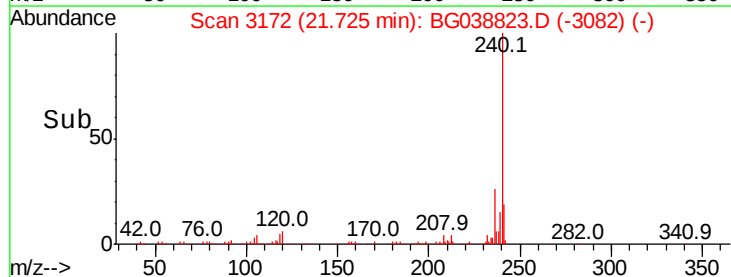


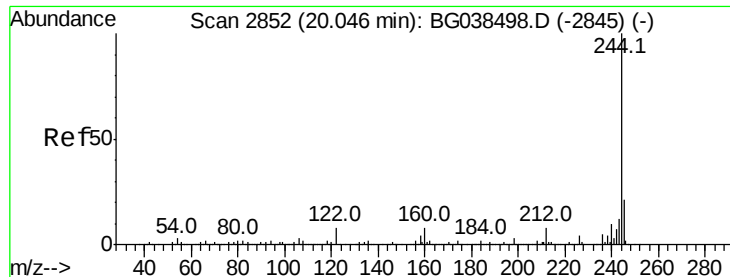
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038823.D
 Acq: 22 Dec 2018 18:32

Tgt Ion:240 Resp: 176875
 Ion Ratio Lower Upper
 240 100
 120 5.8 5.3 7.9
 236 26.3 21.4 32.2



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





#79

Terphenyl-d14

Concen: 117.931 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038823.D

Acq: 22 Dec 2018 18:32

Instrument :

BNA_G

ClientSampleId :

SSSI-1219-S-TCLP-6

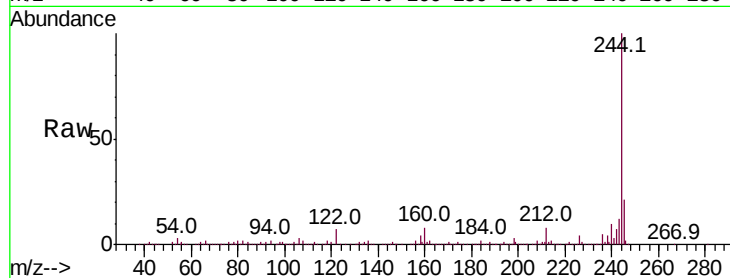
Tot Ion:244 Resp: 958451

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

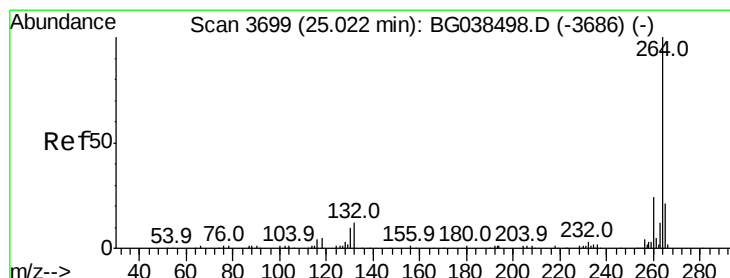
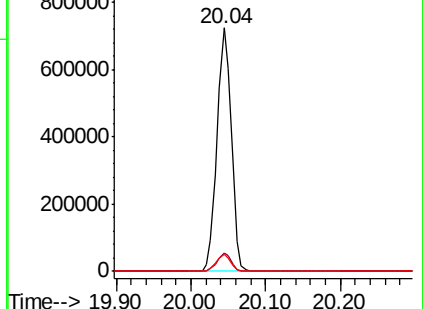
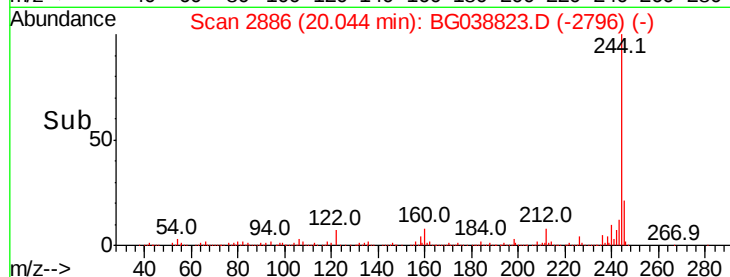
122 7.0 6.3 9.5



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: 25.03 min Scan# 3734

Delta R.T. 0.00 min

Lab File: BG038823.D

Acq: 22 Dec 2018 18:32

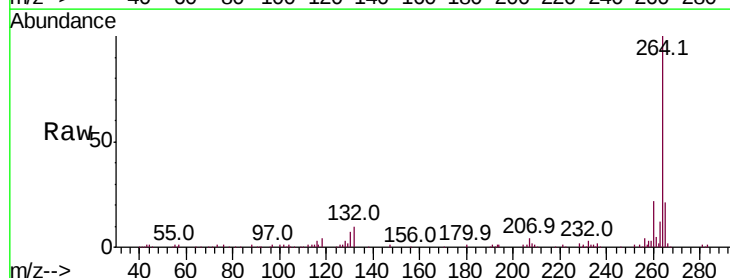
Tgt Ion:264 Resp: 183948

Ion Ratio Lower Upper

264 100

260 21.7 18.9 28.3

265 20.9 17.0 25.4



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

