

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
 Data File : BG037929.D
 Acq On : 9 Nov 2018 20:36
 Operator : JU/SJ
 Sample : J5877-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSSI-1106-S-TCLP-1

Quant Time: Nov 12 06:10:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

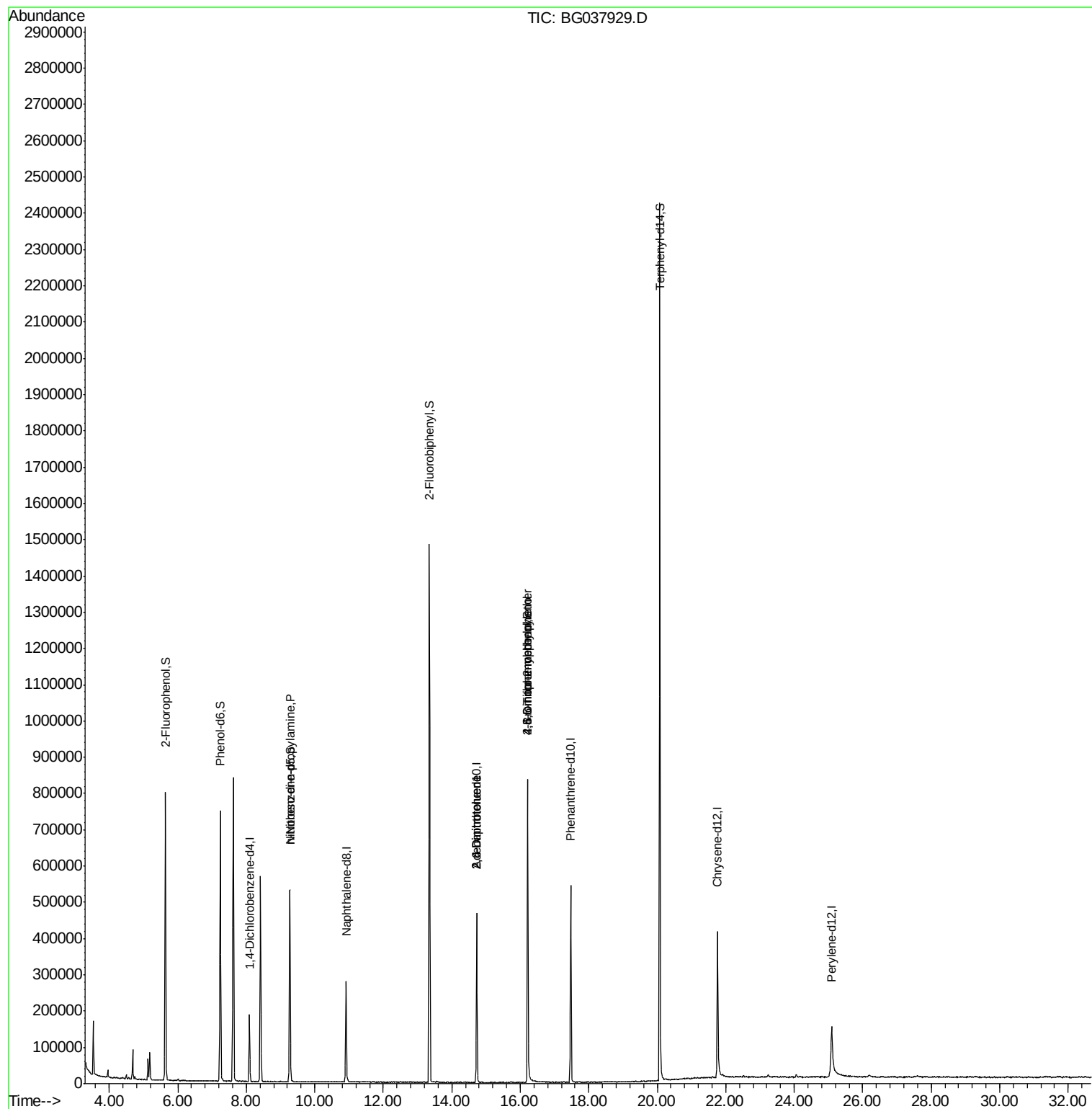
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	54240	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	246757	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	162779	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	356525	20.00	ng	0.00
76) Chrysene-d12	21.76	240	306535	20.00	ng	-0.02
87) Perylene-d12	25.09	264	219587	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	363544	112.06	ng	0.00
7) Phenol-d6	7.24	99	479438	97.73	ng	0.00
23) Nitrobenzene-d5	9.27	82	353836	80.33	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	169271	95.34	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	823254	76.26	ng	-0.02
79) Terphenyl-d14	20.07	244	1227506	85.57	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	44122	13.061	ng	# 69
51) 2,6-Dinitrotoluene	14.73	165	20429	7.333	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	20429	5.587	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.21	198	243	8.614	ng	82
67) 4-Bromophenyl-phenylether	16.21	248	11048	2.822	ng	# 1

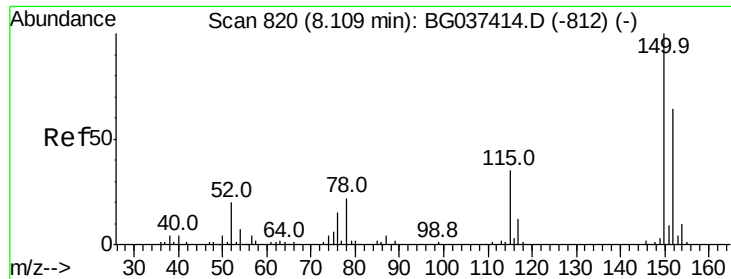
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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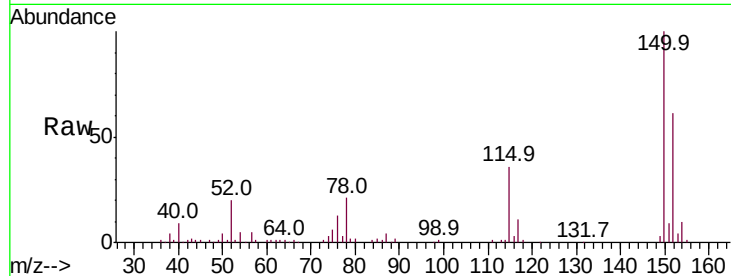


#1

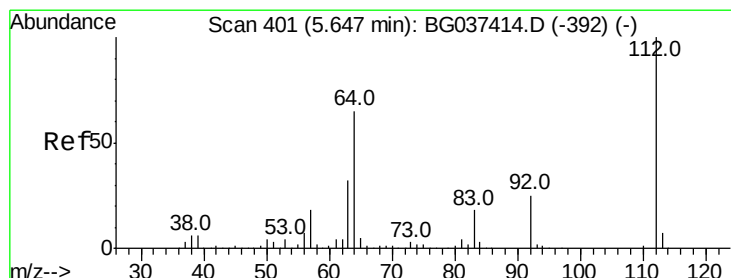
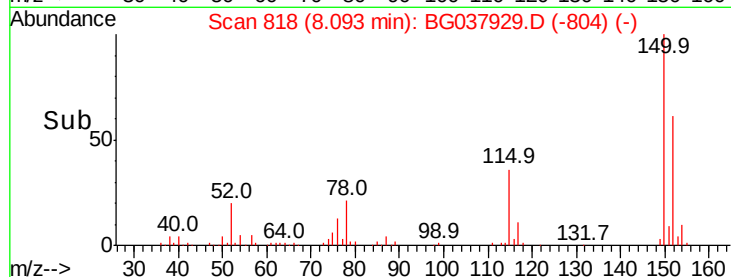
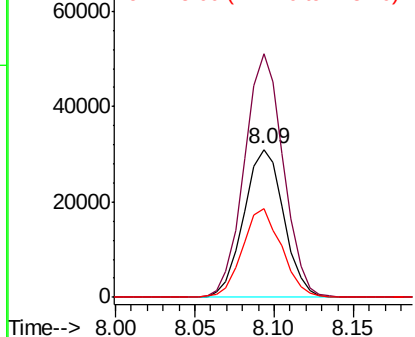
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037929.D
Acq: 9 Nov 2018 20:36

Instrument :
BNA_G
ClientSampleId :
SSSI-1106-S-TCLP-1

Tot Ion:152 Resp: 54240
Ion Ratio Lower Upper
152 100
150 164.4 126.0 189.0
115 59.5 45.5 68.3



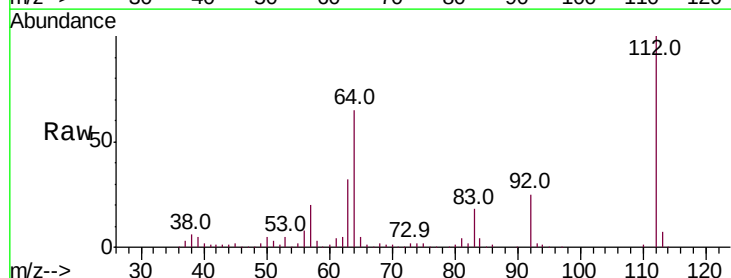
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



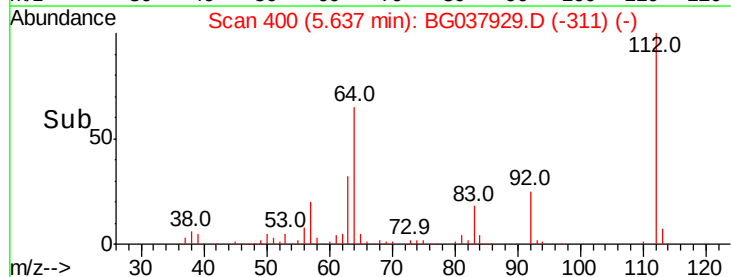
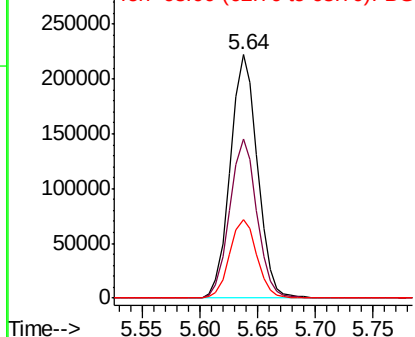
#5

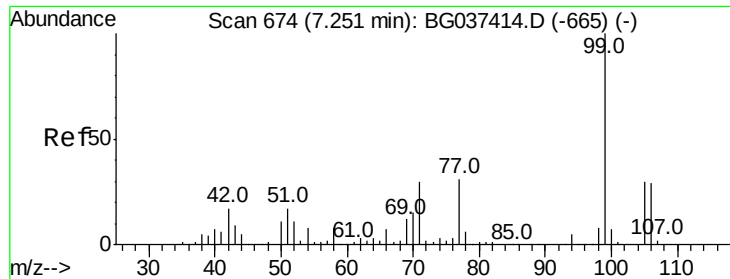
2-Fluorophenol
Concen: 112.056 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037929.D
Acq: 9 Nov 2018 20:36

Tgt Ion:112 Resp: 363544
Ion Ratio Lower Upper
112 100
64 65.3 53.1 79.7
63 32.2 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 97.729 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037929.D

Acq: 9 Nov 2018 20:36

Instrument :

BNA_G

ClientSampleId :

SSSI-1106-S-TCLP-1

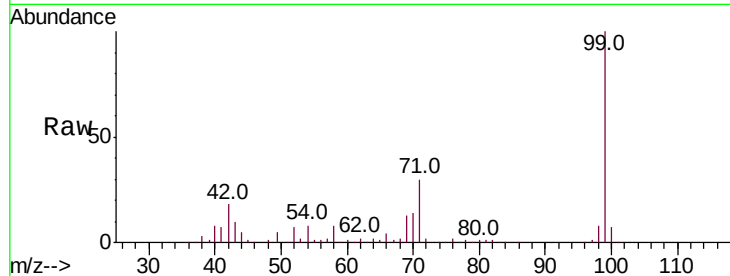
Tot Ion: 99 Resp: 479438

Ion Ratio Lower Upper

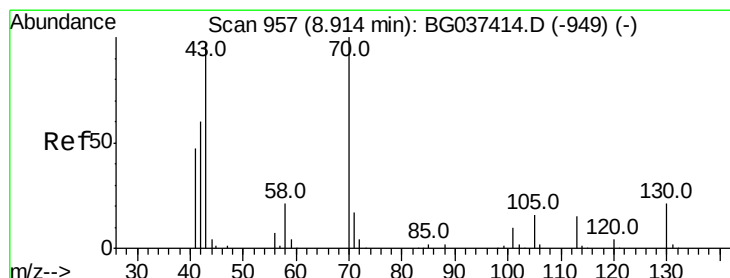
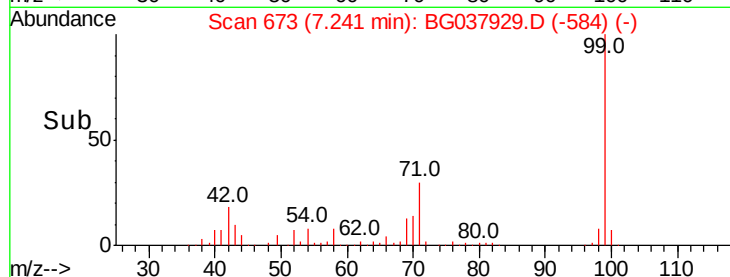
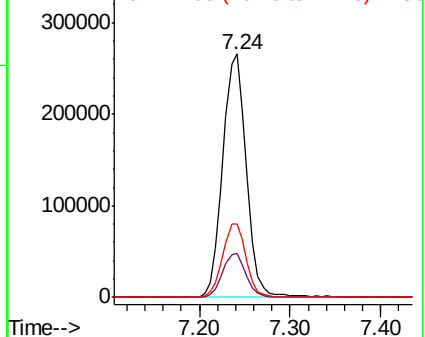
99 100

42 18.3 15.0 22.4

71 30.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.061 ng

RT: 9.27 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037929.D

Acq: 9 Nov 2018 20:36

Tgt Ion: 70 Resp: 44122

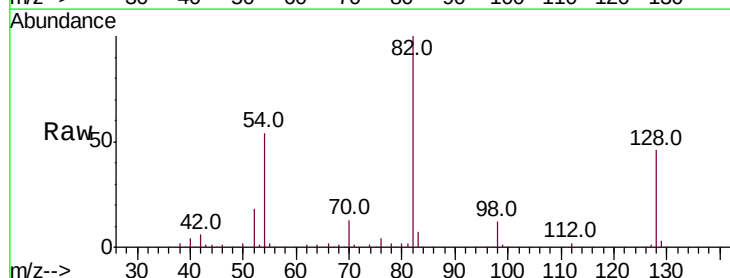
Ion Ratio Lower Upper

70 100

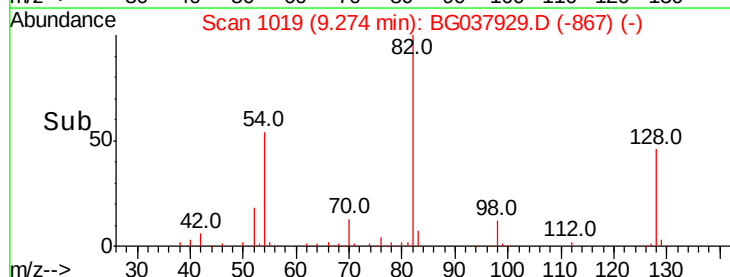
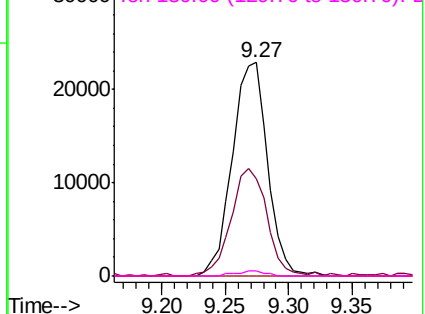
42 45.6 53.9 80.9#

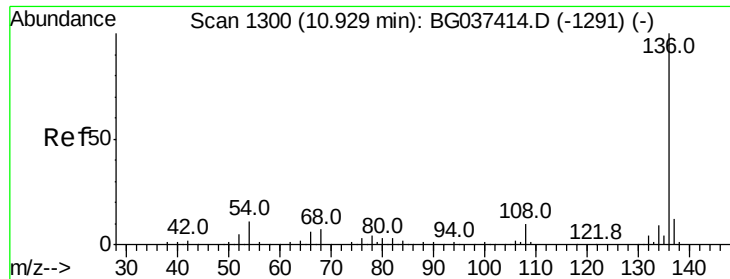
101 0.0 8.2 12.2#

130 2.3 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

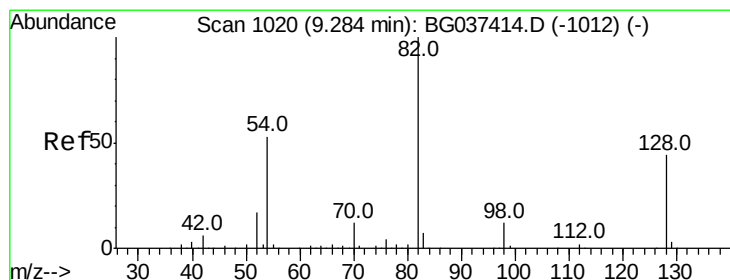
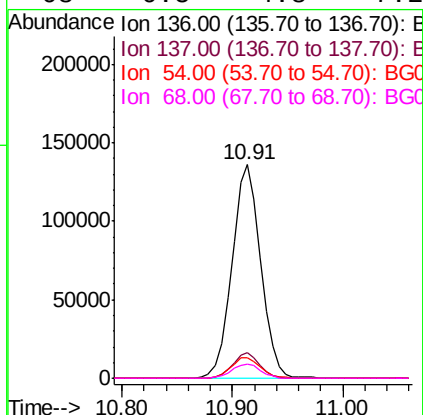
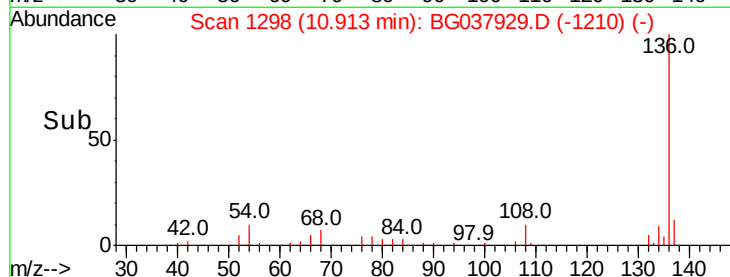
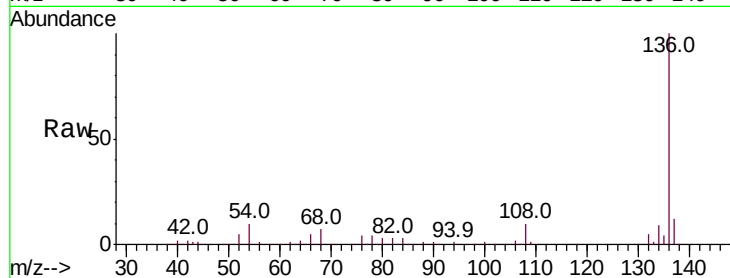




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG037929.D
Acq: 9 Nov 2018 20:36

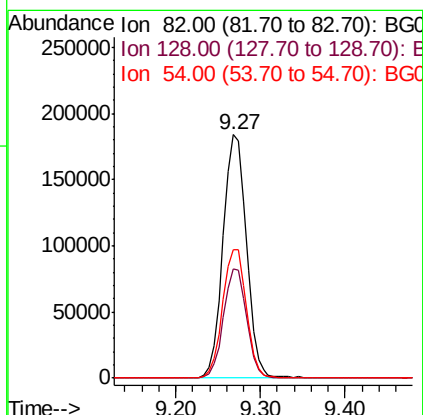
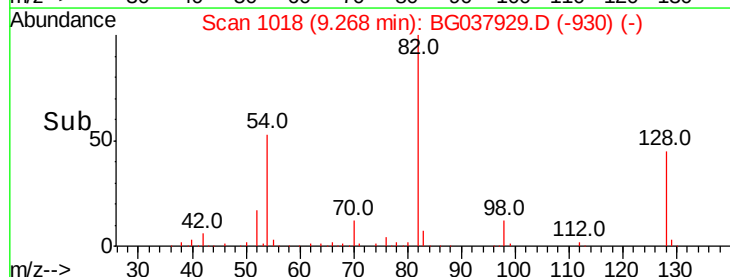
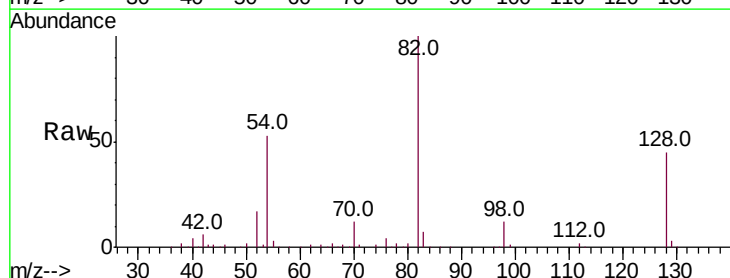
Instrument :
BNA_G
ClientSampleId :
SSSI-1106-S-TCLP-1

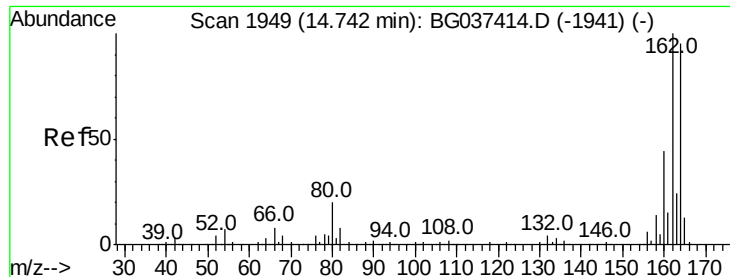
Tot Ion:	136	Resp:	246757
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	9.9	7.9	11.9
68	6.5	4.8	7.2



#23
Nitrobenzene-d5
Concen: 80.328 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BG037929.D
Acq: 9 Nov 2018 20:36

Tgt Ion:	82	Resp:	353836
Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.6	51.8
54	52.5	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BG037929.D

Acq: 9 Nov 2018 20:36

Instrument :

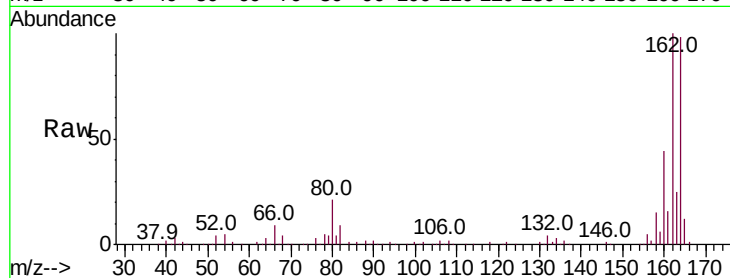
BNA_G

ClientSampleId :

SSSI-1106-S-TCLP-1

Tot Ion:164 Resp: 162779

Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.3	121.9
160	45.3	36.3	54.5

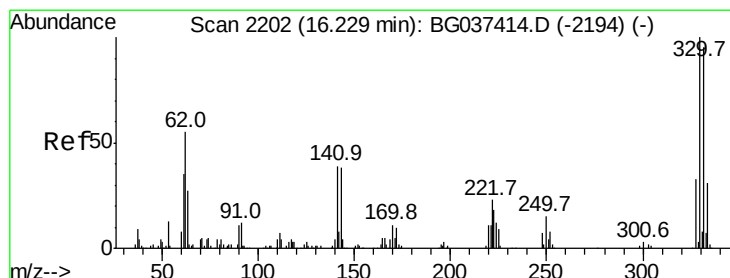
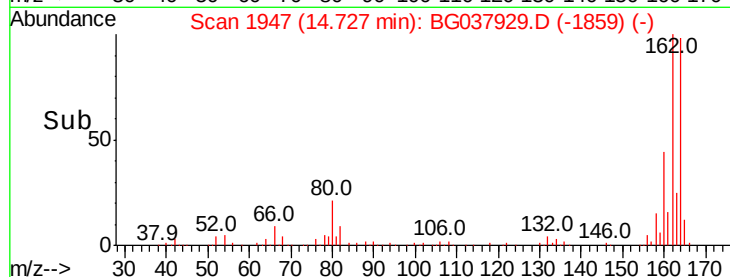
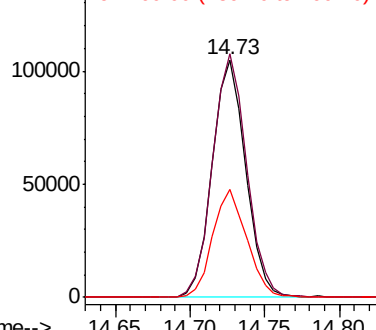


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 95.342 ng

RT: 16.21 min Scan# 2200

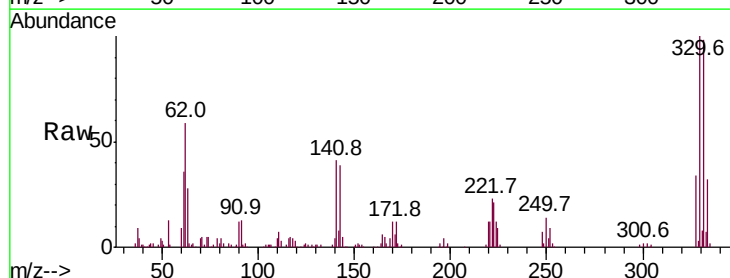
Delta R.T. -0.02 min

Lab File: BG037929.D

Acq: 9 Nov 2018 20:36

Tgt Ion:330 Resp: 169271

Ion	Ratio	Lower	Upper
330	100		
332	94.1	78.4	117.6
141	37.2	32.2	48.2

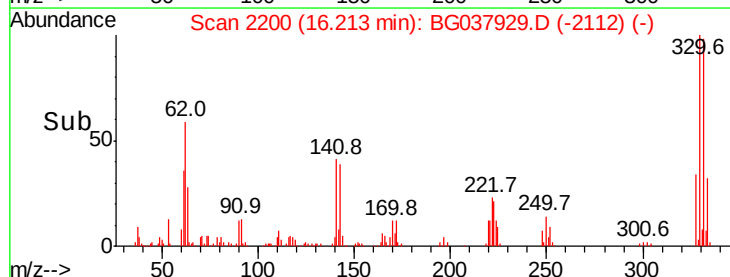
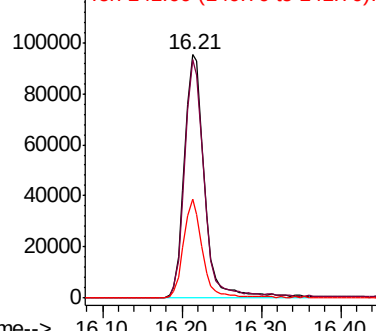


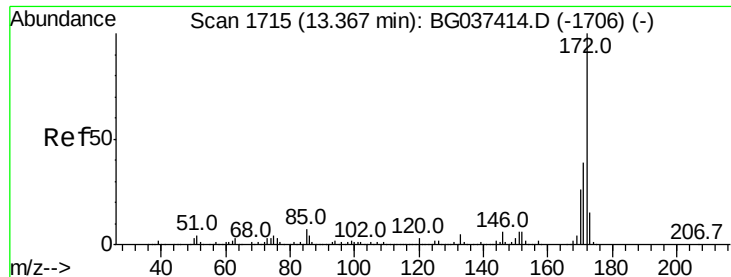
Abundance

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

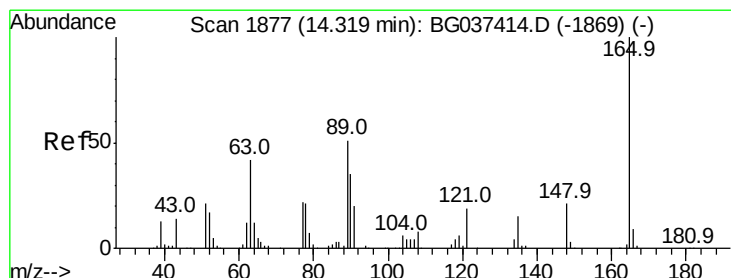
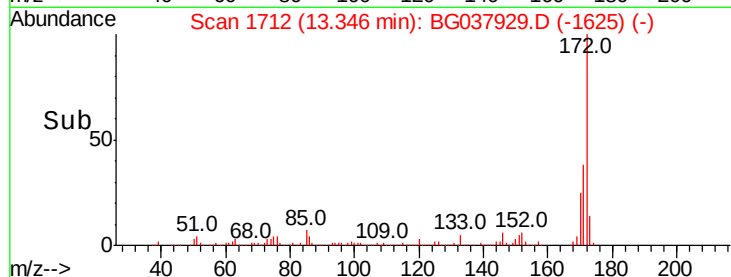
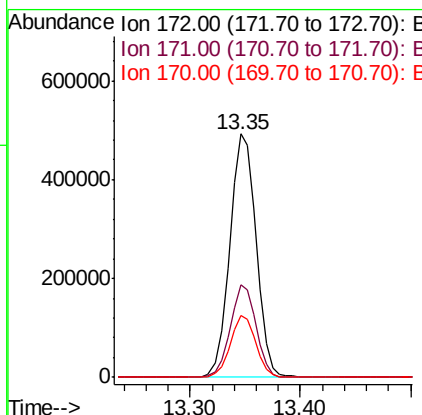
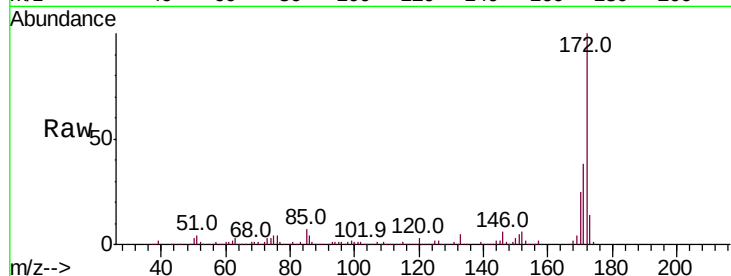




#45
2-Fluorobiphenyl
Concen: 76.264 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037929.D
Acq: 9 Nov 2018 20:36

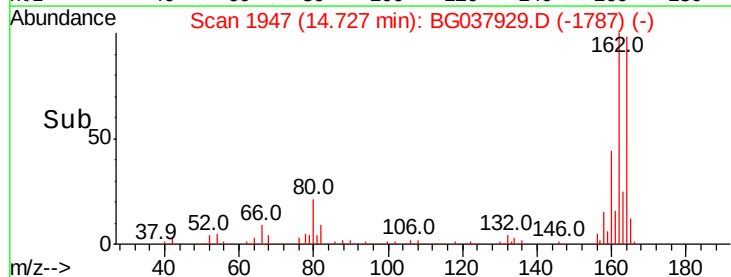
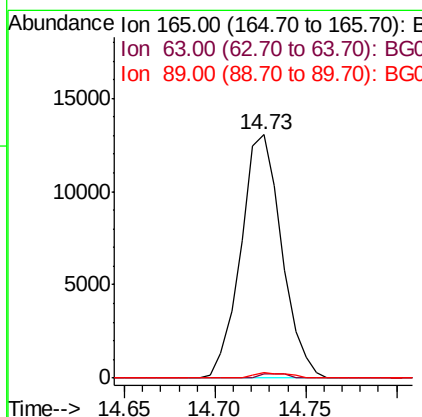
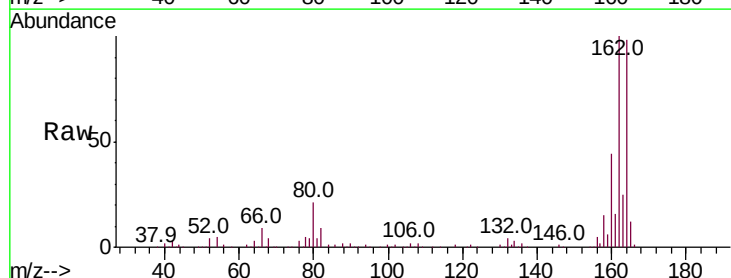
Instrument :
BNA_G
ClientSampleId :
SSSI-1106-S-TCLP-1

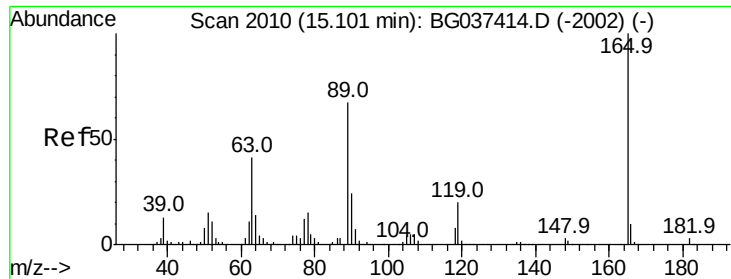
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	25.4	20.2	30.2



#51
2,6-Dinitrotoluene
Concen: 7.333 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.41 min
Lab File: BG037929.D
Acq: 9 Nov 2018 20:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	43.4	65.2#
89	2.1	45.8	68.6#





#57

2,4-Dinitrotoluene

Concen: 5.587 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.37 min

Lab File: BG037929.D

Acq: 9 Nov 2018 20:36

Instrument :

BNA_G

ClientSampleId :

SSSI-1106-S-TCLP-1

Tot Ion:165 Resp: 20429

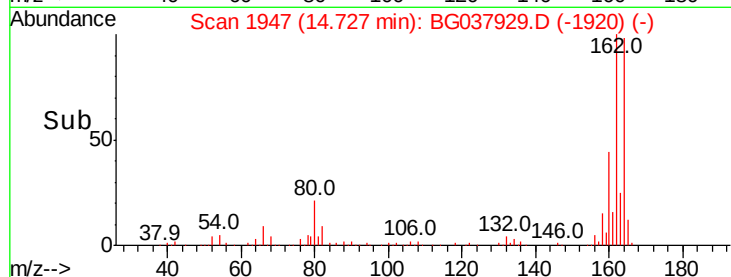
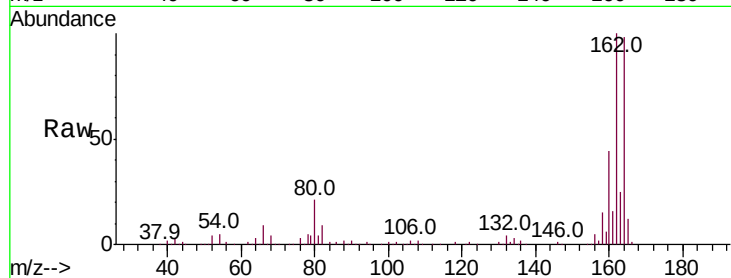
Ion Ratio Lower Upper

165 100

63 1.7 33.4 50.0#

89 2.1 57.2 85.8#

182 0.0 2.6 4.0#

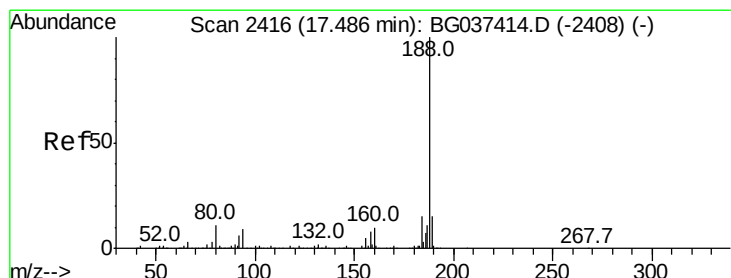
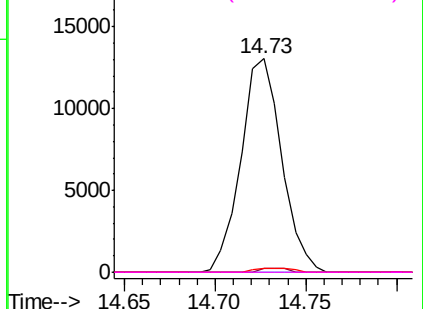


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037929.D

Acq: 9 Nov 2018 20:36

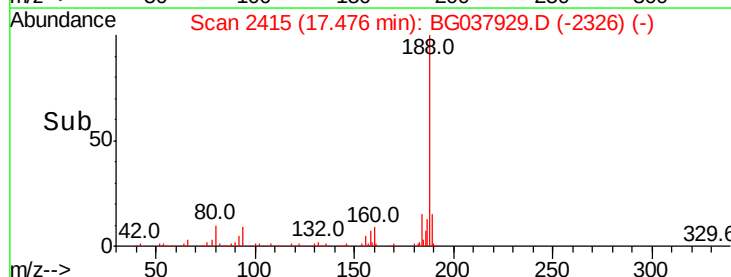
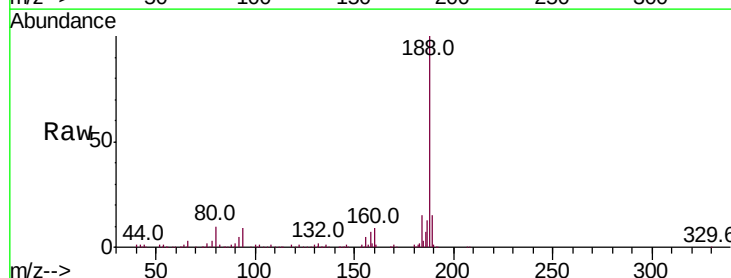
Tgt Ion:188 Resp: 356525

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

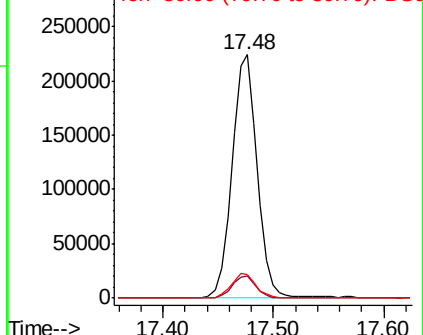
80 9.8 7.7 11.5

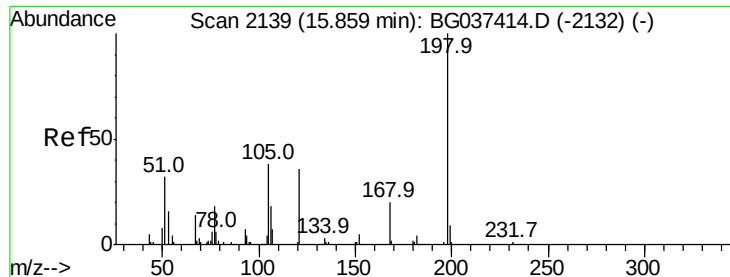


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 8.614 ng

RT: 16.21 min Scan# 2199

Delta R.T. 0.35 min

Lab File: BG037929.D

Acq: 9 Nov 2018 20:36

Instrument :

BNA_G

ClientSampleId :

SSSI-1106-S-TCLP-1

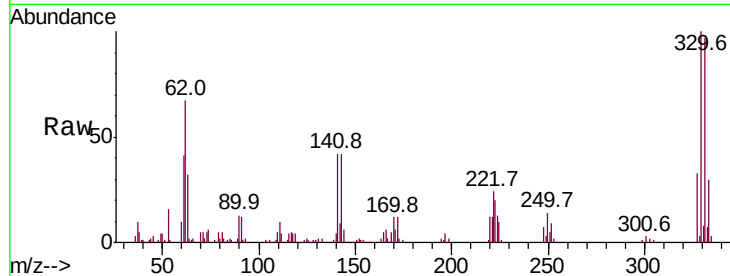
Tot Ion:198 Resp: 243

Ion Ratio Lower Upper

198 100

51 33.4 22.7 62.7

105 25.8 19.7 59.7

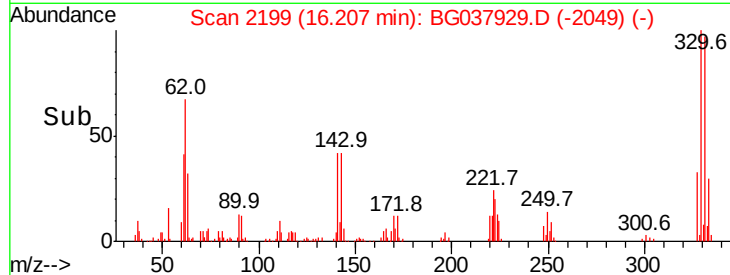


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E

Time-->

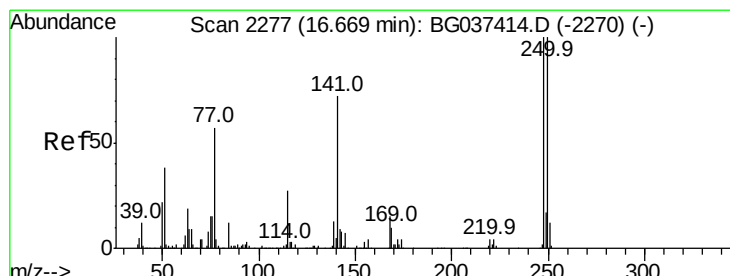


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E

Time-->



#67

4-Bromophenyl-phenylether

Concen: 2.822 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.46 min

Lab File: BG037929.D

Acq: 9 Nov 2018 20:36

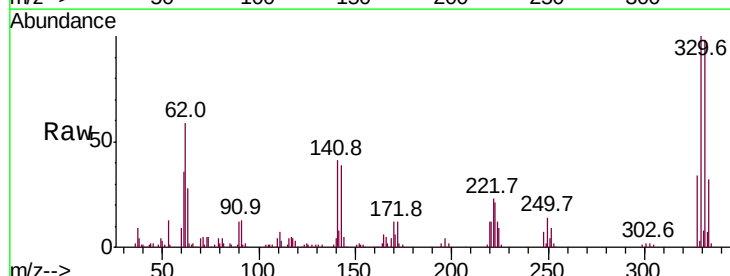
Tgt Ion:248 Resp: 11048

Ion Ratio Lower Upper

248 100

250 189.0 77.0 115.6#

141 410.5 55.5 83.3#

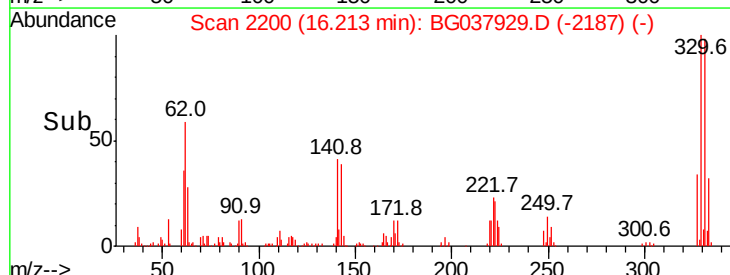


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->

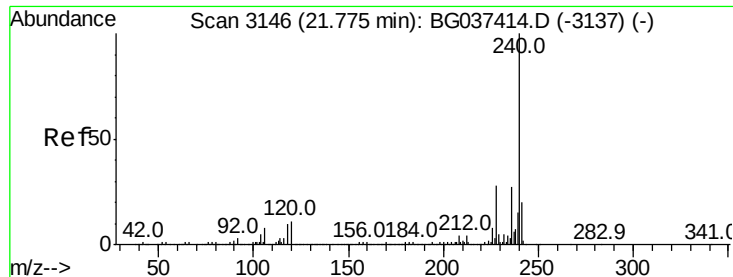


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG037929.D

Acq: 9 Nov 2018 20:36

Instrument :

BNA_G

ClientSampleId :

SSSI-1106-S-TCLP-1

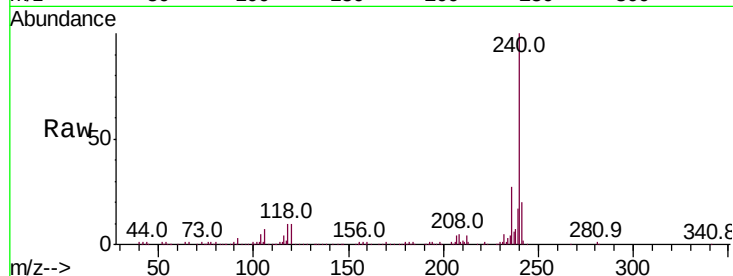
Tot Ion:240 Resp: 306535

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.1	12.1
236	27.0	21.4	32.0

240 100

120 10.2 8.1 12.1

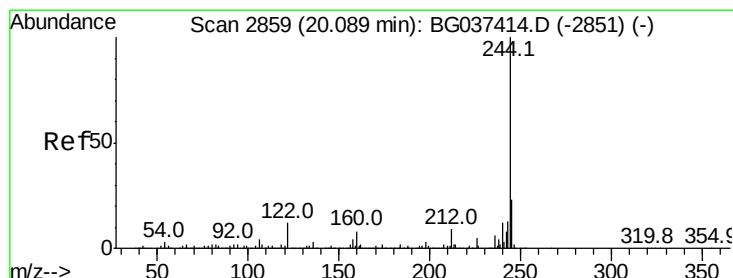
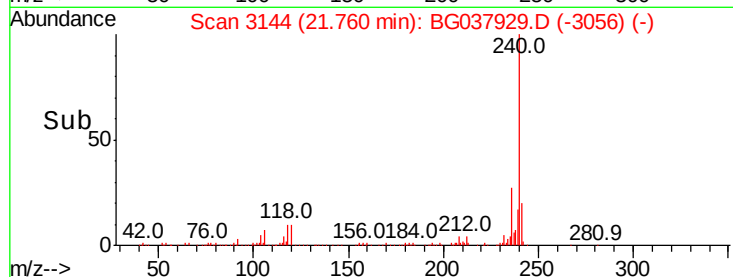
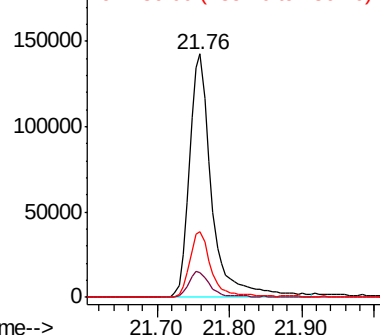
236 27.0 21.4 32.0



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: 85.566 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037929.D

Acq: 9 Nov 2018 20:36

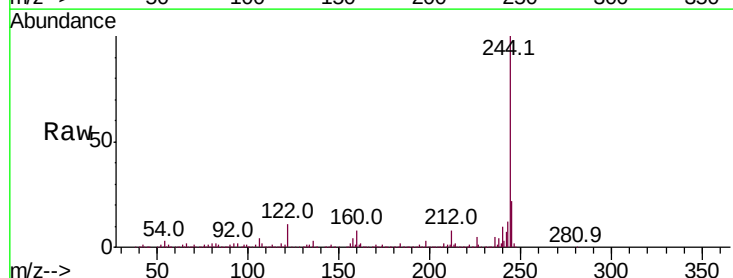
Tgt Ion:244 Resp: 1227506

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	10.9	9.0	13.4

244 100

212 8.1 6.5 9.7

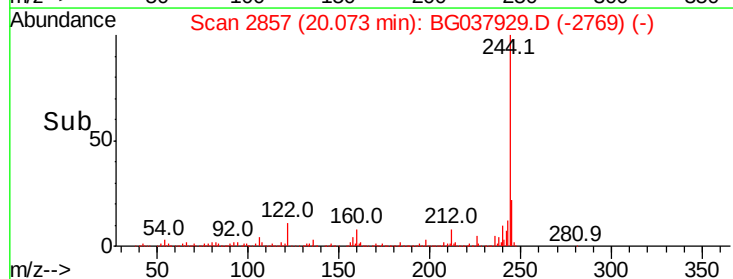
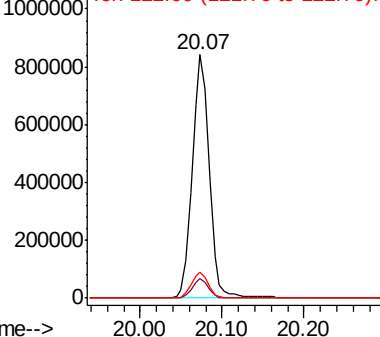
122 10.9 9.0 13.4

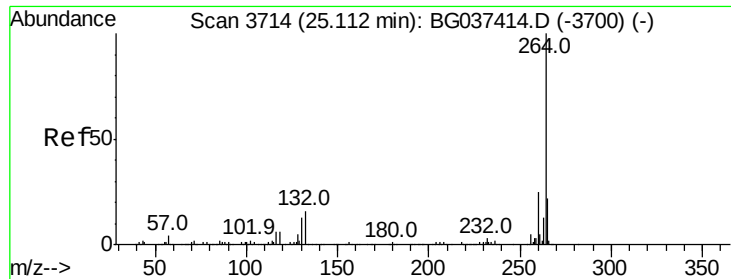


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

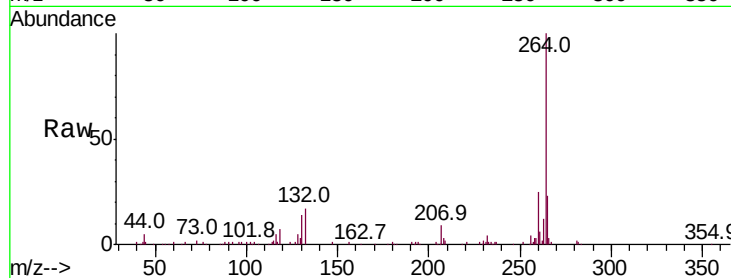




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG037929.D
Acq: 9 Nov 2018 20:36

Instrument :
BNA_G
ClientSampleId :
SSSI-1106-S-TCLP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.2	27.4
265	22.9	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

