

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122618\
 Data File : BG038832.D
 Acq On : 26 Dec 2018 16:15
 Operator : JU/SJ
 Sample : J6498-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSSI-1219-S-TCLP-5

Quant Time: Dec 27 00:14:53 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

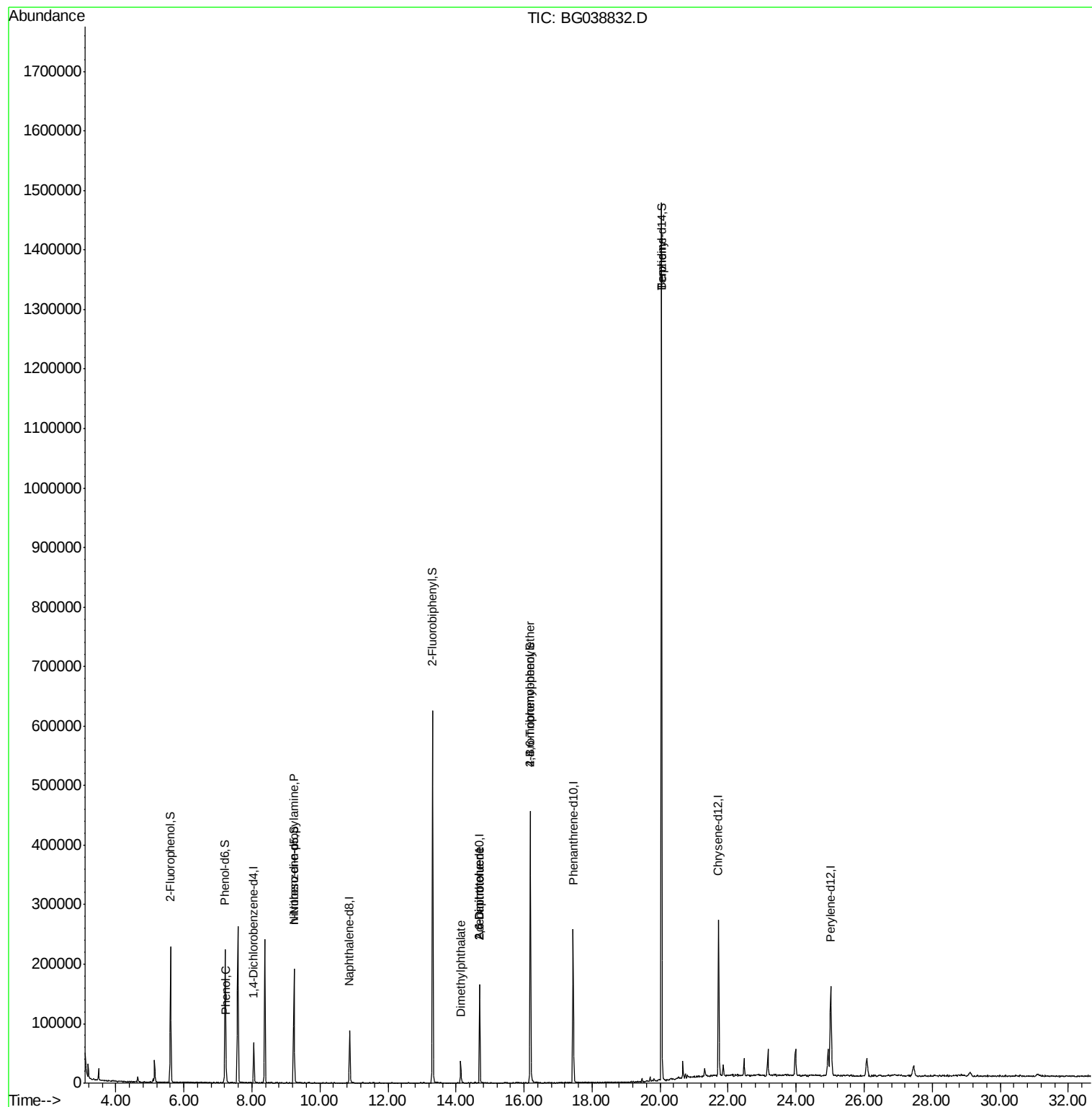
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	19731	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	79588	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	61772	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	172537	20.00	ng	0.00
76) Chrysene-d12	21.72	240	178146	20.00	ng	0.00
87) Perylene-d12	25.02	264	185858	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	102338	91.99	ng	0.00
7) Phenol-d6	7.21	99	130173	85.24	ng	0.00
23) Nitrobenzene-d5	9.24	82	118061	75.78	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	105985	124.49	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	346974	77.06	ng	0.00
79) Terphenyl-d14	20.04	244	745637	91.09	ng	0.00
Target Compounds						
10) Phenol	7.24	94	6627	4.085	ng	96
19) n-Nitroso-di-n-propylamine	9.23	70	15665	14.605	ng	# 69
50) Dimethylphthalate	14.14	163	31433	6.231	ng	# 97
51) 2,6-Dinitrotoluene	14.69	165	8525	7.457	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	8525	5.295	ng	# 21
67) 4-Bromophenyl-phenylether	16.19	248	6676	3.168	ng	# 1
77) Benzidine	20.04	184	11767	2.233	ng	# 94

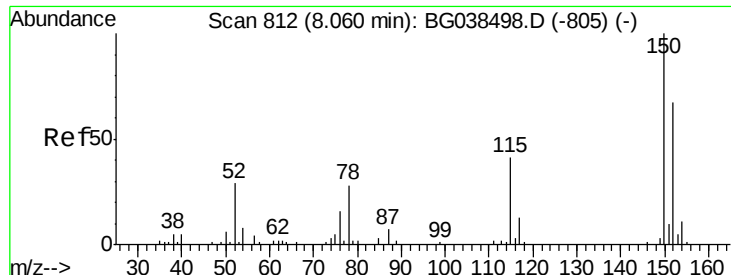
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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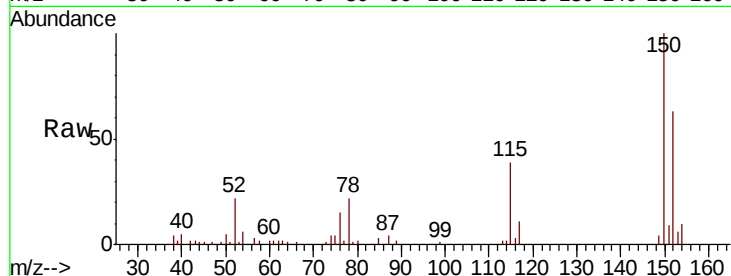


#1

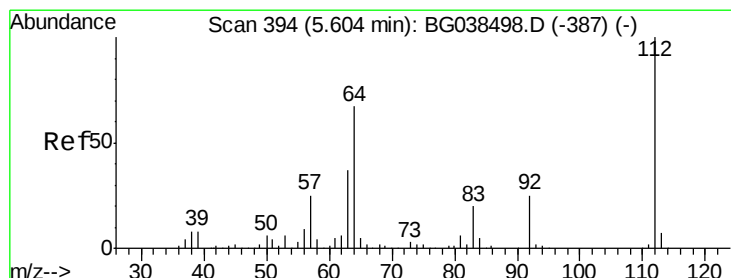
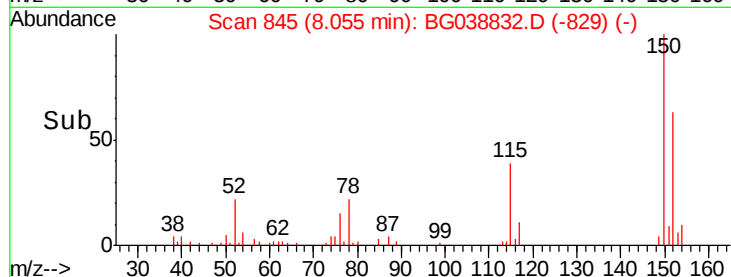
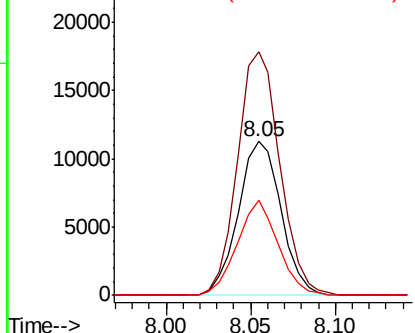
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038832.D
Acq: 26 Dec 2018 16:15

Instrument :
BNA_G
ClientSampleId :
SSSI-1219-S-TCLP-5

Tot Ion:152 Resp: 19731
Ion Ratio Lower Upper
152 100
150 158.3 119.5 179.3
115 61.7 49.6 74.4



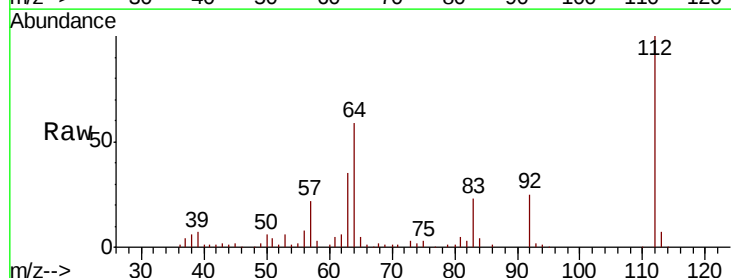
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



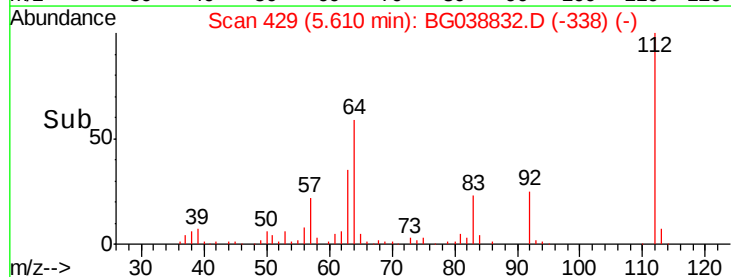
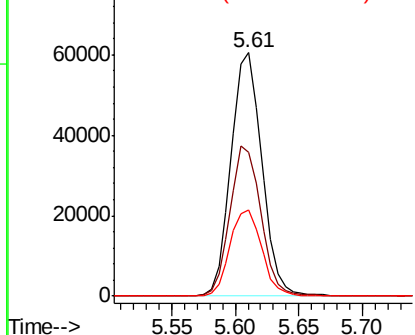
#5

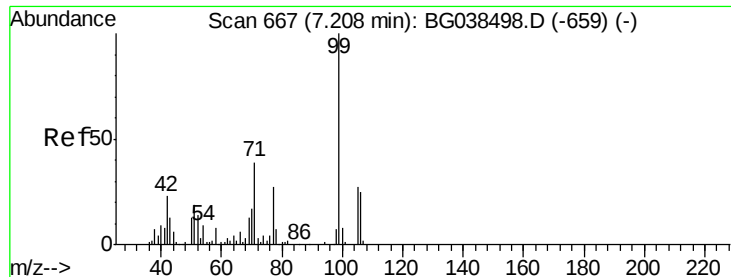
2-Fluorophenol
Concen: 91.993 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038832.D
Acq: 26 Dec 2018 16:15

Tgt Ion:112 Resp: 102338
Ion Ratio Lower Upper
112 100
64 59.1 53.4 80.2
63 35.4 29.3 43.9



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: 85.238 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038832.D

Acq: 26 Dec 2018 16:15

Instrument :

BNA_G

ClientSampleId :

SSSI-1219-S-TCLP-5

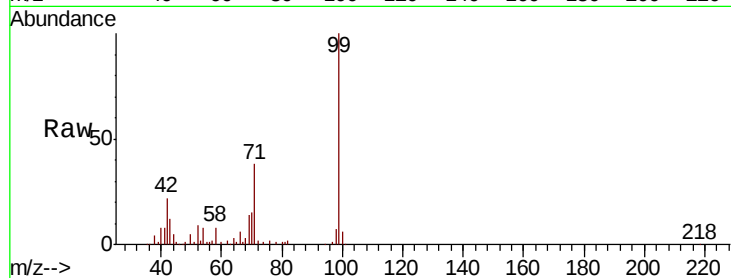
Tot Ion: 99 Resp: 130173

Ion Ratio Lower Upper

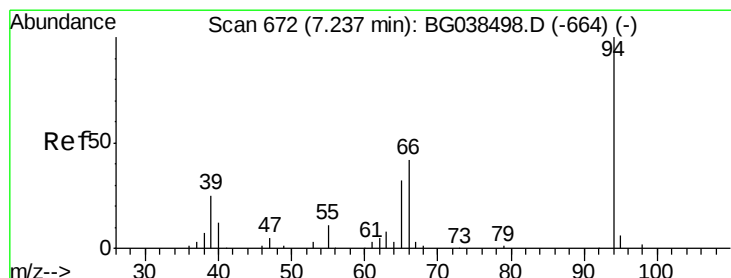
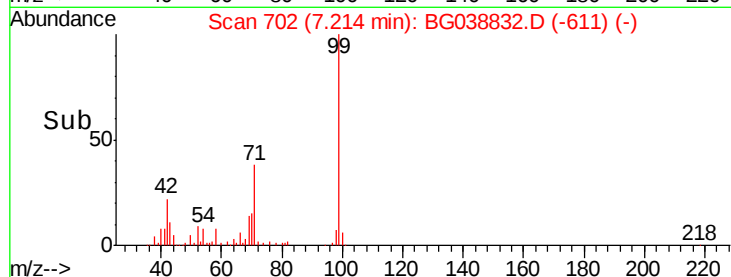
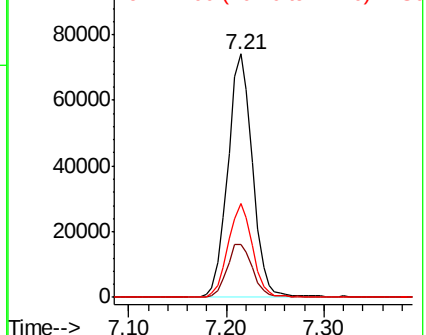
99 100

42 21.9 18.5 27.7

71 38.4 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



#10

Phenol

Concen: 4.085 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG038832.D

Acq: 26 Dec 2018 16:15

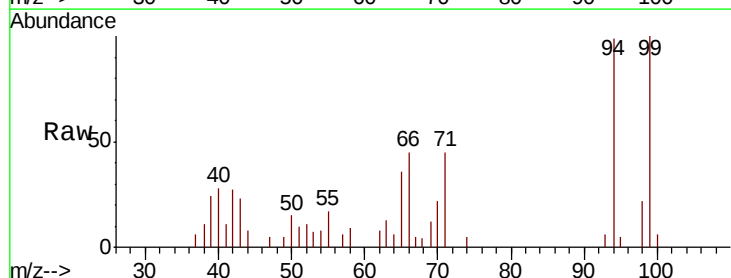
Tgt Ion: 94 Resp: 6627

Ion Ratio Lower Upper

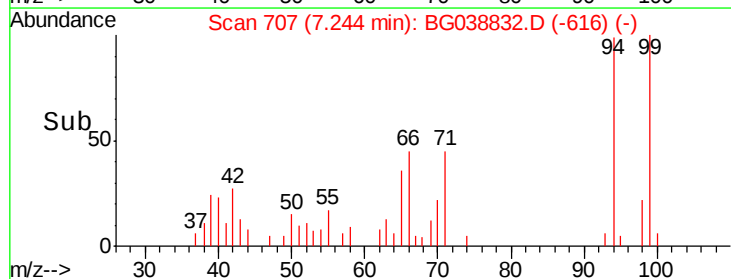
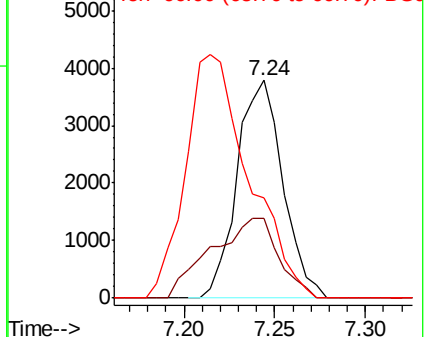
94 100

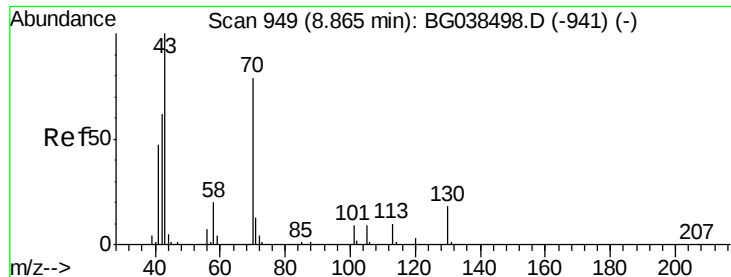
65 36.3 12.6 52.6

66 45.9 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

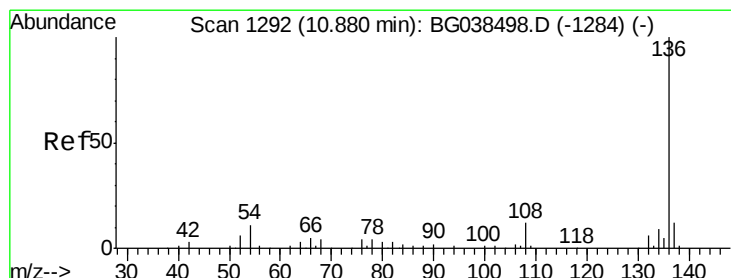
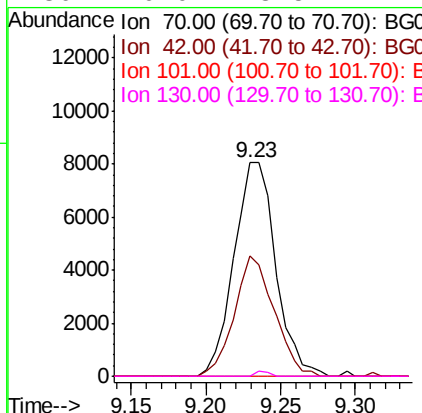
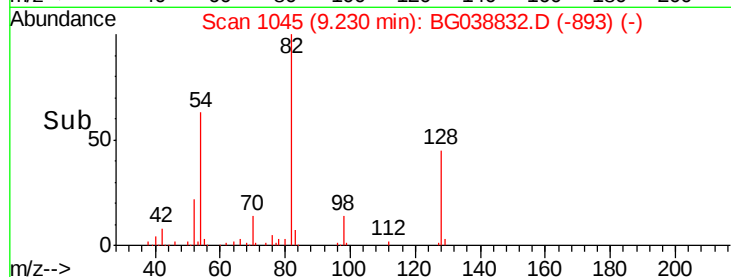
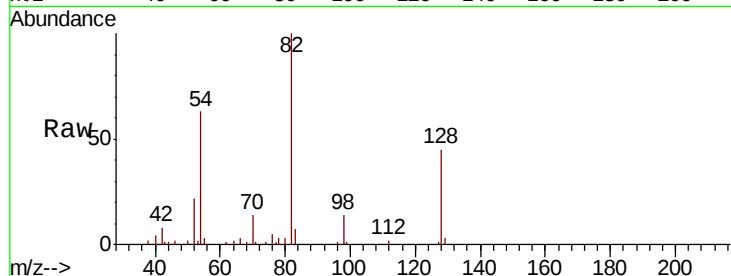




#19
n-Nitroso-di-n-propylamine
Concen: 14.605 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.37 min
Lab File: BG038832.D
Acq: 26 Dec 2018 16:15

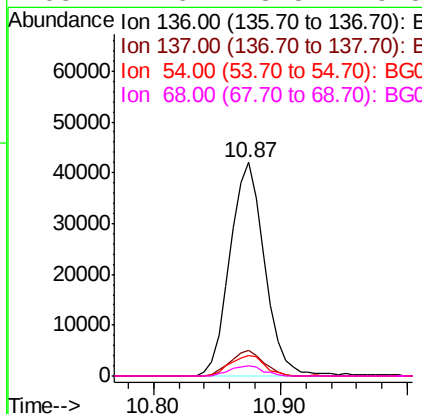
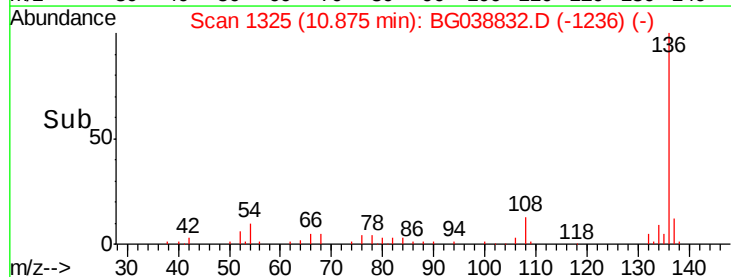
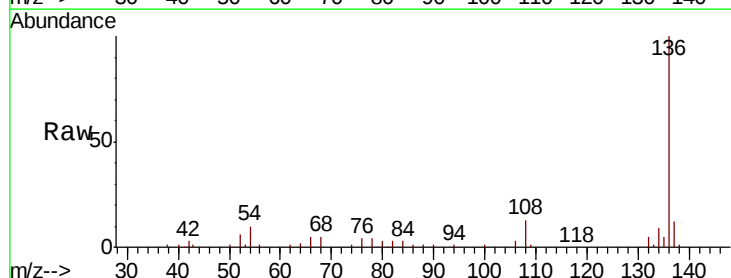
Instrument :
BNA_G
ClientSampleId :
SSSI-1219-S-TCLP-5

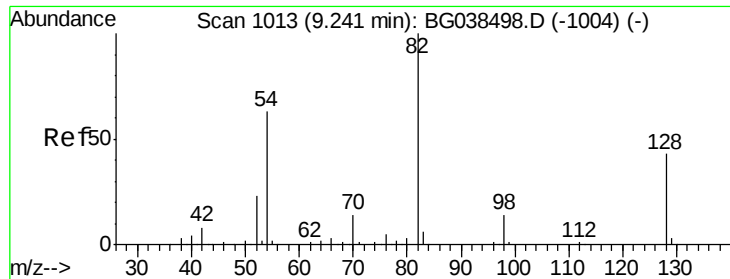
Tot Ion: 70 Resp: 15665
Ion Ratio Lower Upper
70 100
42 56.1 63.6 95.4#
101 0.0 9.2 13.8#
130 0.0 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038832.D
Acq: 26 Dec 2018 16:15

Tgt Ion: 136 Resp: 79588
Ion Ratio Lower Upper
136 100
137 12.3 9.3 13.9
54 9.7 8.5 12.7
68 4.6 3.5 5.3

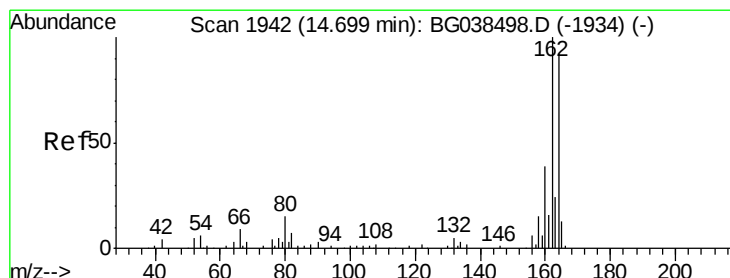
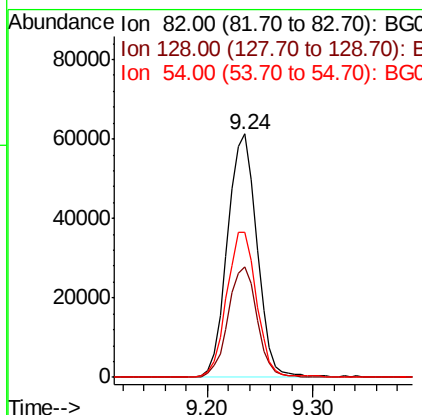
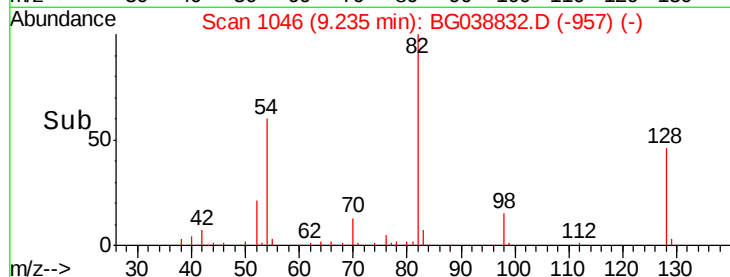
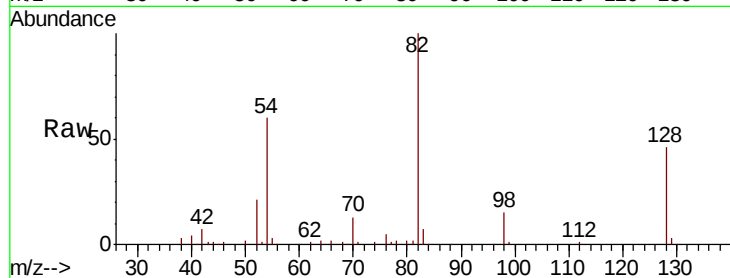




#23
Nitrobenzene-d5
Concen: 75.783 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038832.D
Acq: 26 Dec 2018 16:15

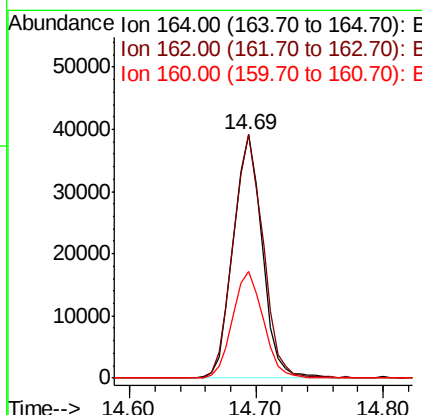
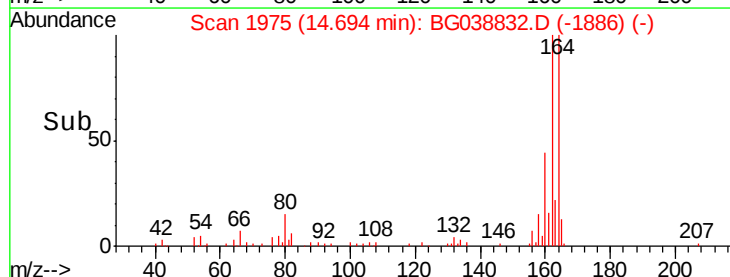
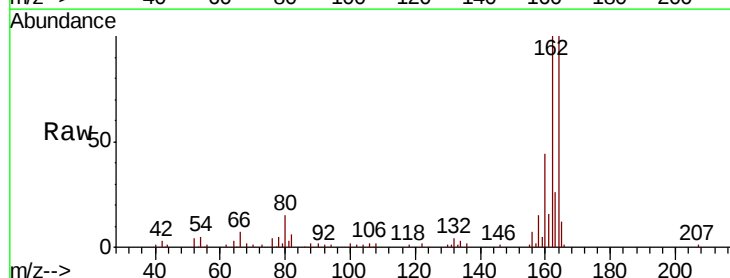
Instrument :
BNA_G
ClientSampleId :
SSSI-1219-S-TCLP-5

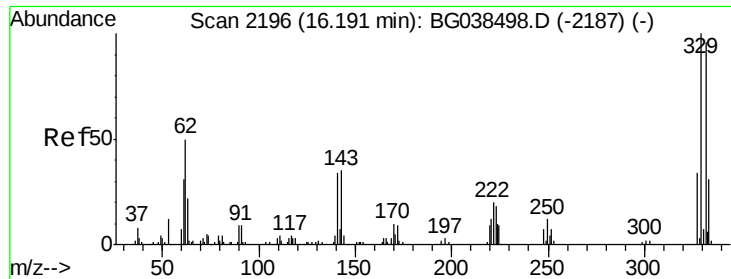
Tot Ion: 82 Resp: 118061
Ion Ratio Lower Upper
82 100
128 45.5 34.6 52.0
54 59.6 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038832.D
Acq: 26 Dec 2018 16:15

Tgt Ion:164 Resp: 61772
Ion Ratio Lower Upper
164 100
162 99.8 86.6 130.0
160 43.7 34.2 51.2

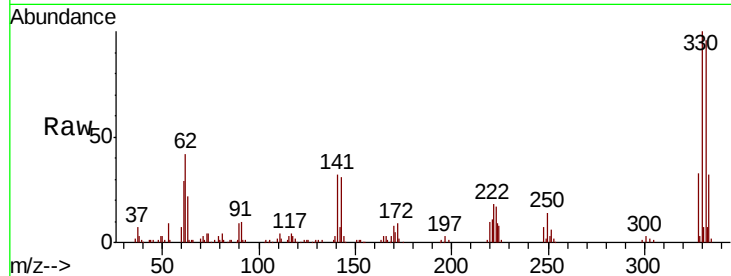




#42
 2,4,6-Tribromophenol
 Concen: 124.494 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038832.D
 Acq: 26 Dec 2018 16:15

Instrument :
 BNA_G
 ClientSampleId :
 SSSI-1219-S-TCLP-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.9	115.3
141	32.8	28.8	43.2

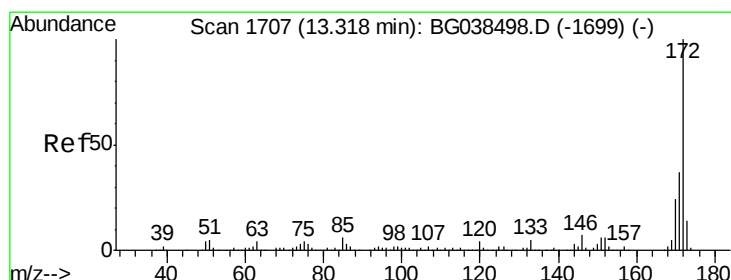
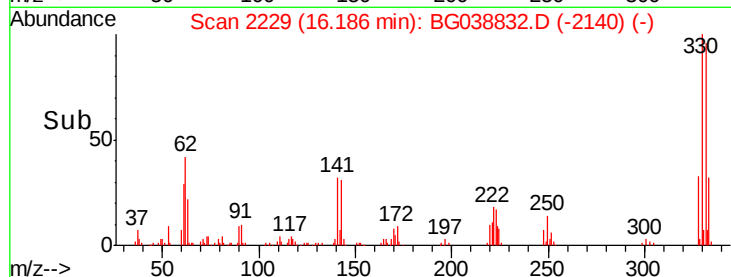
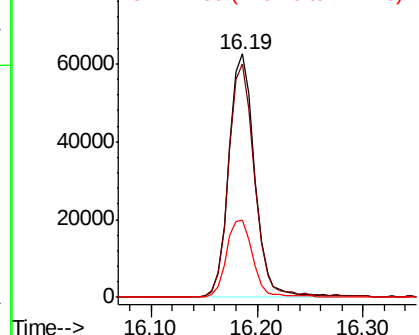


Abundance

Ion 329.80 (329.50 to 330.50): E

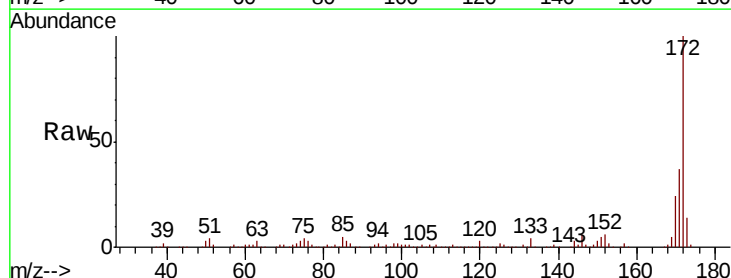
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 77.057 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038832.D
 Acq: 26 Dec 2018 16:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.8	44.6
170	24.4	19.5	29.3

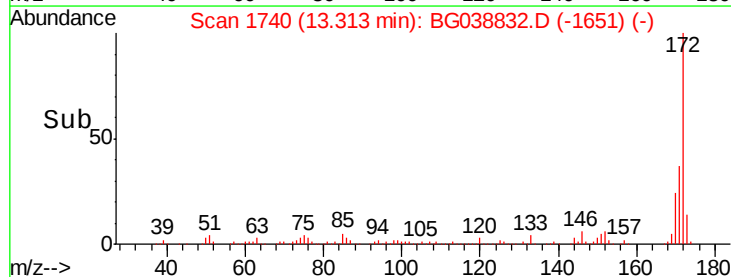
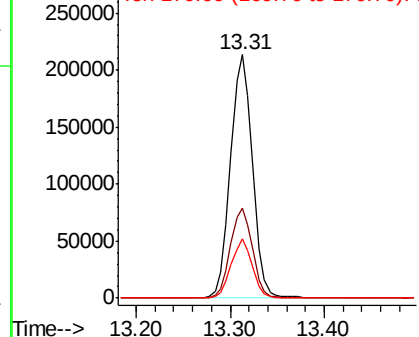


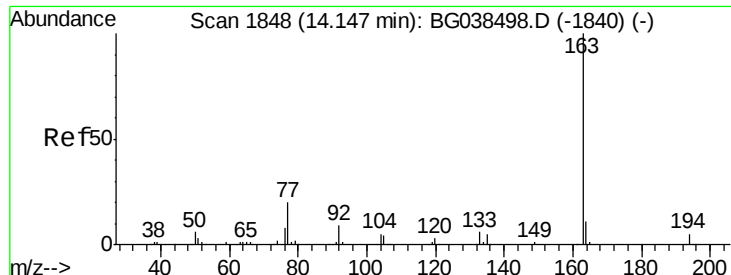
Abundance

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





#50

Dimethylphthalate

Concen: 6.231 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038832.D

Acq: 26 Dec 2018 16:15

Instrument :

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ClientSampleId :

SSSI-1219-S-TCLP-5

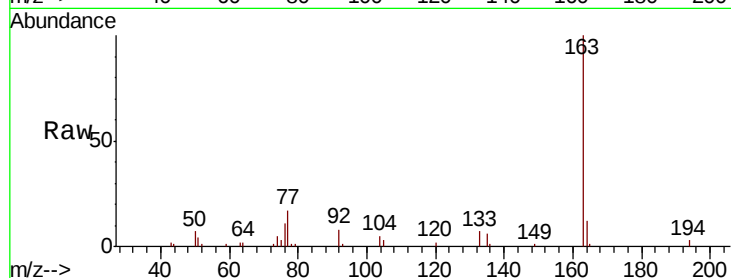
Tot Ion:163 Resp: 31433

Ion Ratio Lower Upper

163 100

194 3.2 3.7 5.5#

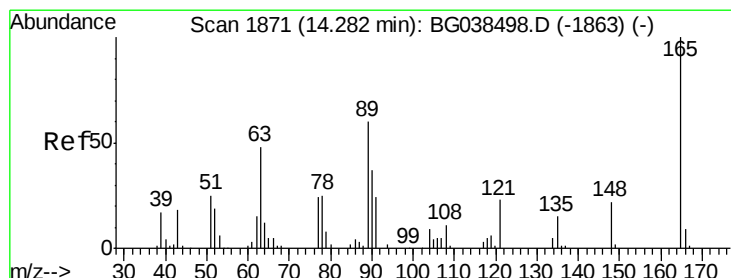
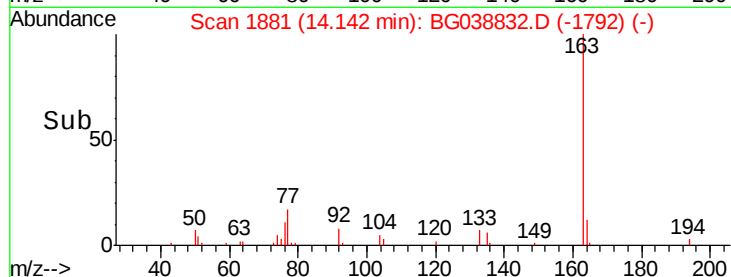
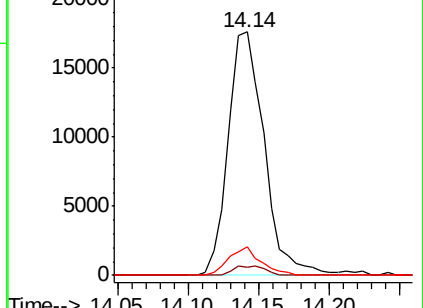
164 11.8 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 7.457 ng

RT: 14.69 min Scan# 1974

Delta R.T. 0.41 min

Lab File: BG038832.D

Acq: 26 Dec 2018 16:15

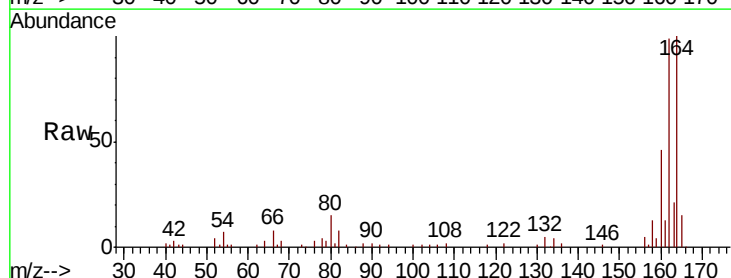
Tgt Ion:165 Resp: 8525

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.6#

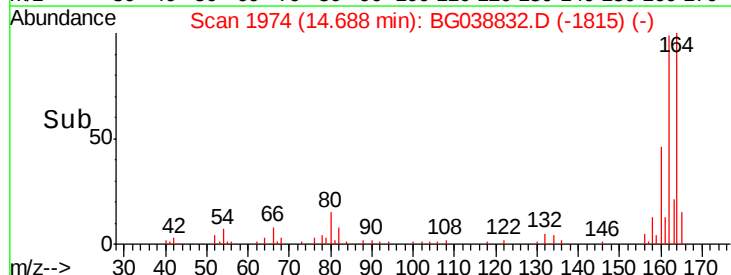
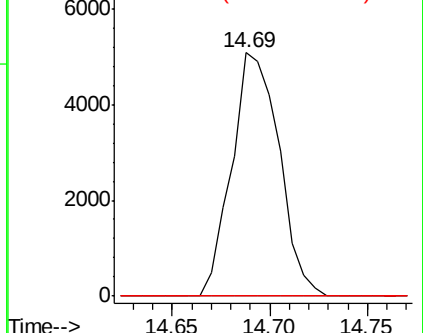
89 0.0 47.9 71.9#

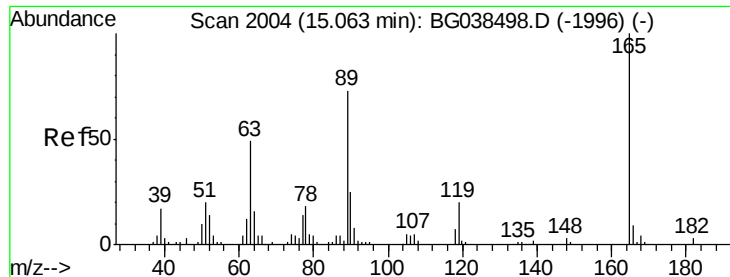


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

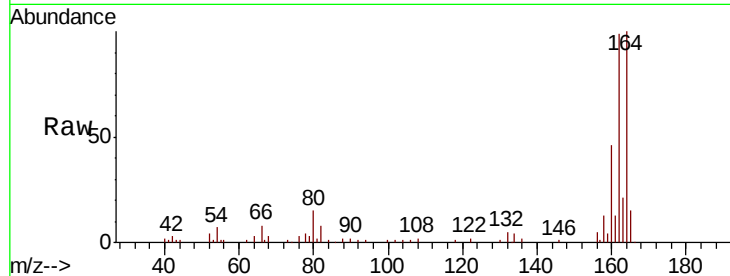




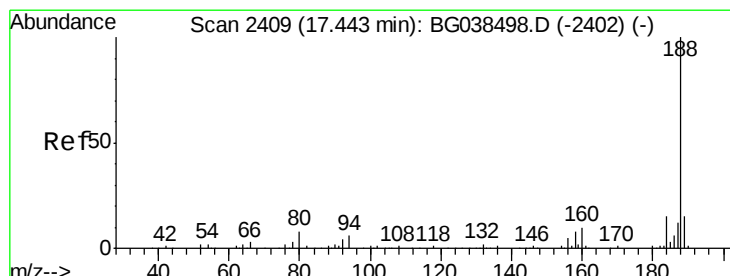
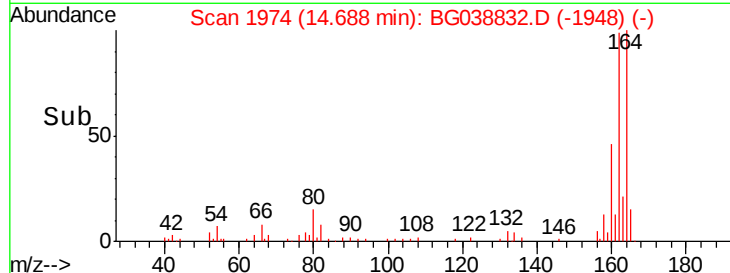
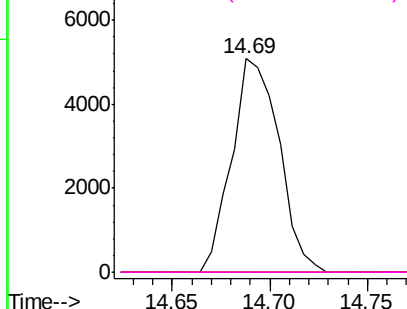
#57
 2,4-Dinitrotoluene
 Concen: 5.295 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.38 min
 Lab File: BG038832.D
 Acq: 26 Dec 2018 16:15

Instrument :
 BNA_G
 ClientSampleId :
 SSSI-1219-S-TCLP-5

Tot Ion:165	Resp:	8525
Ion Ratio	Lower	Upper
165	100	
63	0.0	39.0 58.4#
89	0.0	58.0 87.0#
182	0.0	2.3 3.5#

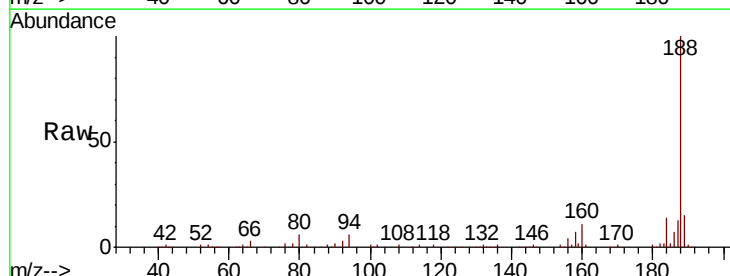


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

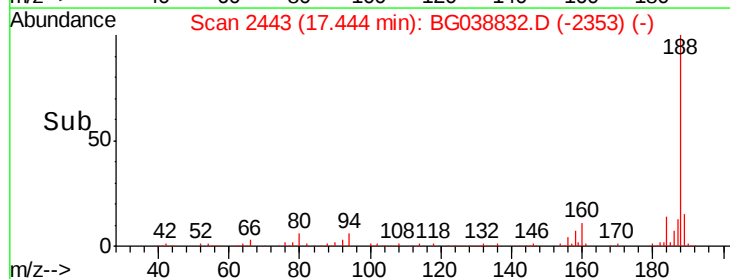
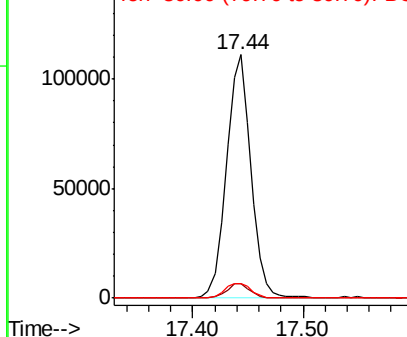


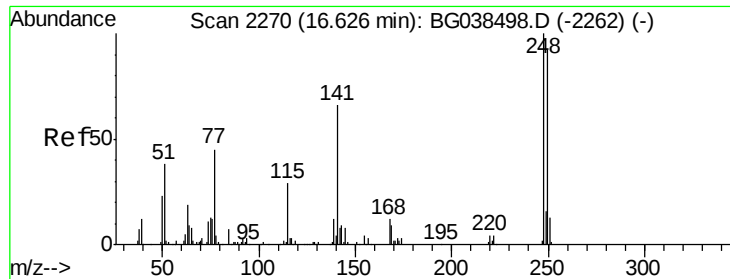
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BG038832.D
 Acq: 26 Dec 2018 16:15

Tgt Ion:188	Resp:	172537
Ion Ratio	Lower	Upper
188	100	
94	6.0	5.1 7.7
80	6.1	6.1 9.1#



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

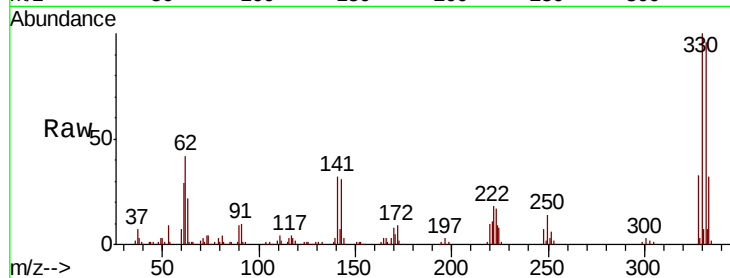




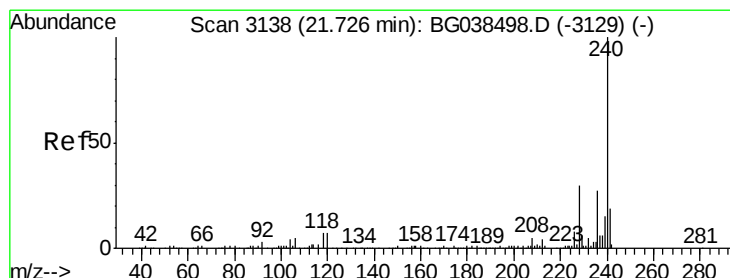
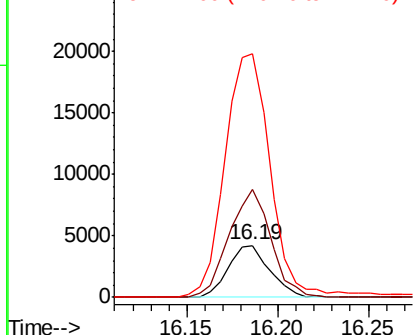
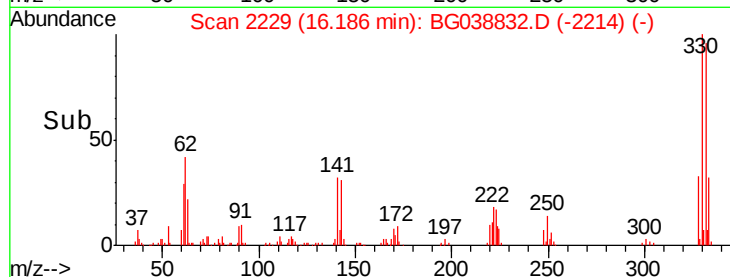
#67
4-Bromophenyl-phenylether
Concen: 3.168 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038832.D
Acq: 26 Dec 2018 16:15

Instrument :
BNA_G
ClientSampleId :
SSSI-1219-S-TCLP-5

Tot Ion:248 Resp: 6676
Ion Ratio Lower Upper
248 100
250 198.8 73.4 110.2#
141 359.5 52.9 79.3#

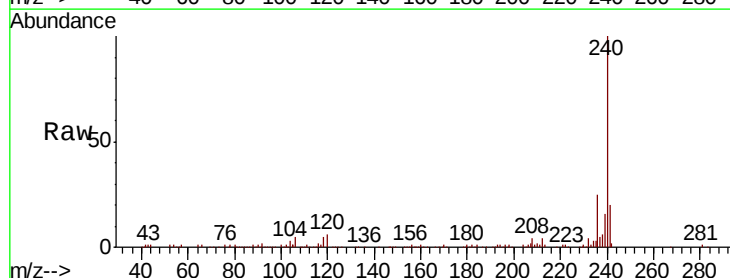


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

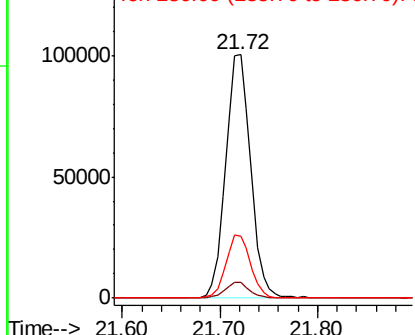
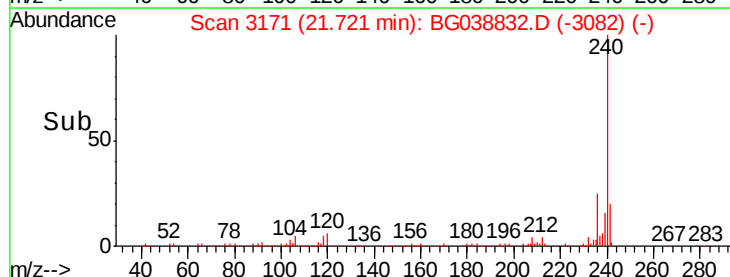


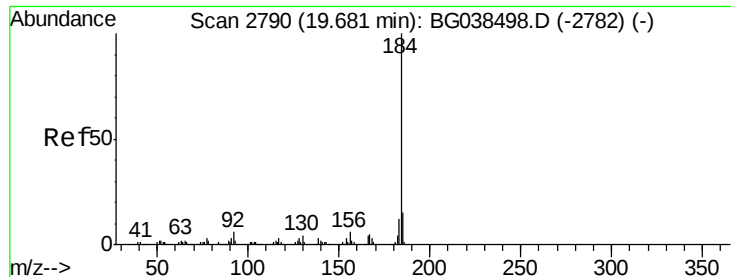
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038832.D
Acq: 26 Dec 2018 16:15

Tgt Ion:240 Resp: 178146
Ion Ratio Lower Upper
240 100
120 6.2 5.3 7.9
236 25.2 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





#77

Benzidine

Concen: 2.233 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.36 min

Lab File: BG038832.D

Acq: 26 Dec 2018 16:15

Instrument :

BNA_G

ClientSampleId :

SSSI-1219-S-TCLP-5

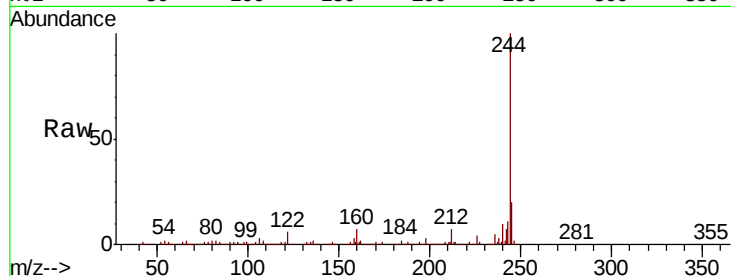
Tot Ion:184 Resp: 11767

Ion Ratio Lower Upper

184 100

185 18.3 12.2 18.2#

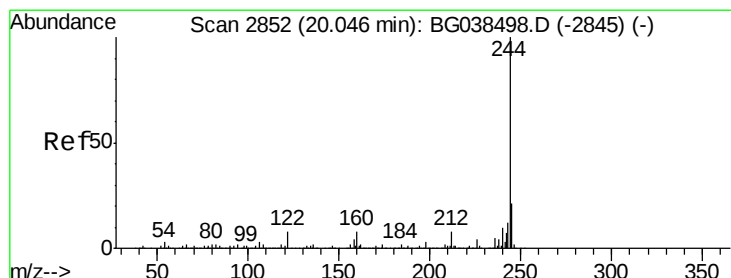
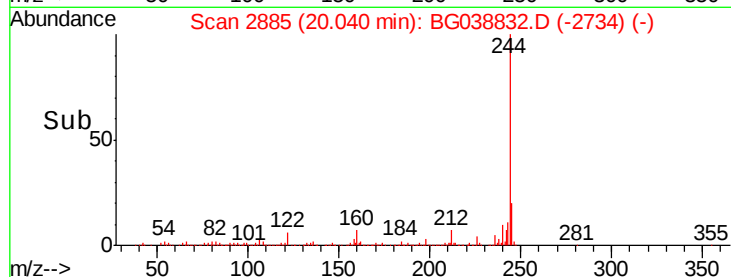
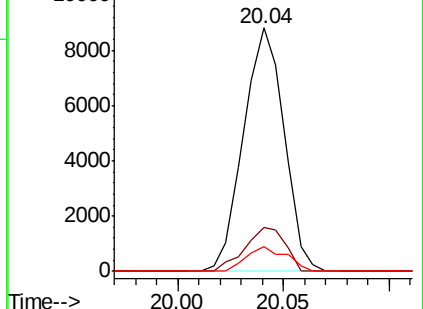
183 10.3 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 91.091 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038832.D

Acq: 26 Dec 2018 16:15

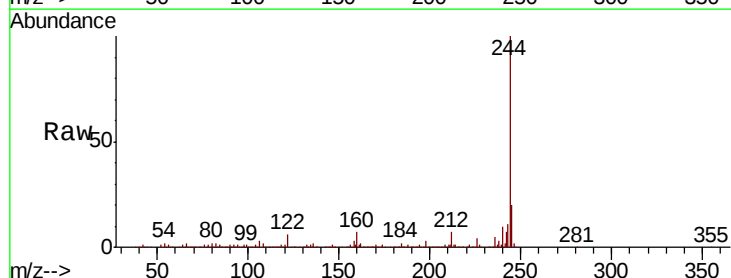
Tgt Ion:244 Resp: 745637

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

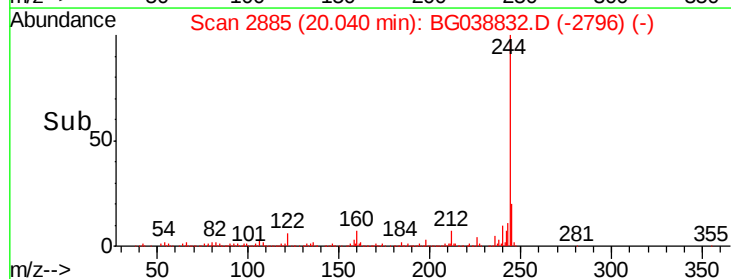
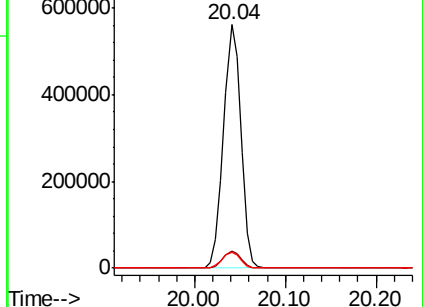
122 6.3 6.3 9.5

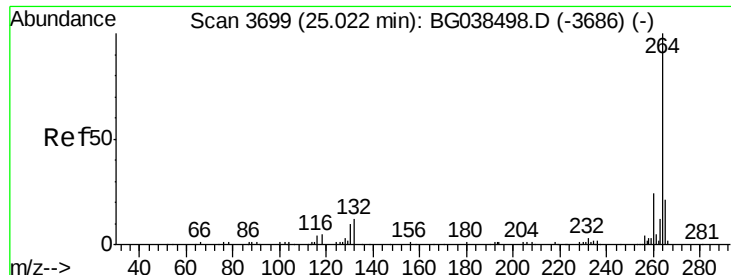


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

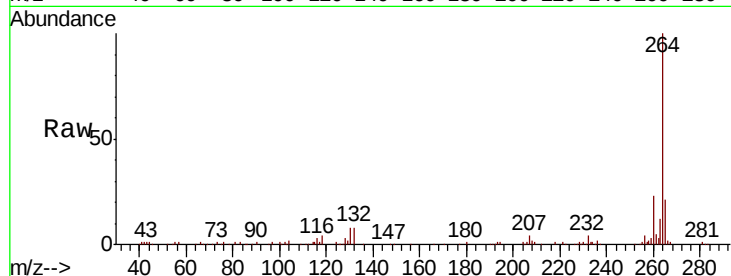




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3732
 Delta R.T. -0.01 min
 Lab File: BG038832.D
 Acq: 26 Dec 2018 16:15

Instrument :
 BNA_G
 ClientSampleId :
 SSSI-1219-S-TCLP-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.9	28.3
265	21.4	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

