

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
 Data File : BG038822.D
 Acq On : 22 Dec 2018 17:53
 Operator : JU/SJ
 Sample : J6498-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

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

Quant Time: Dec 24 04:24:14 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

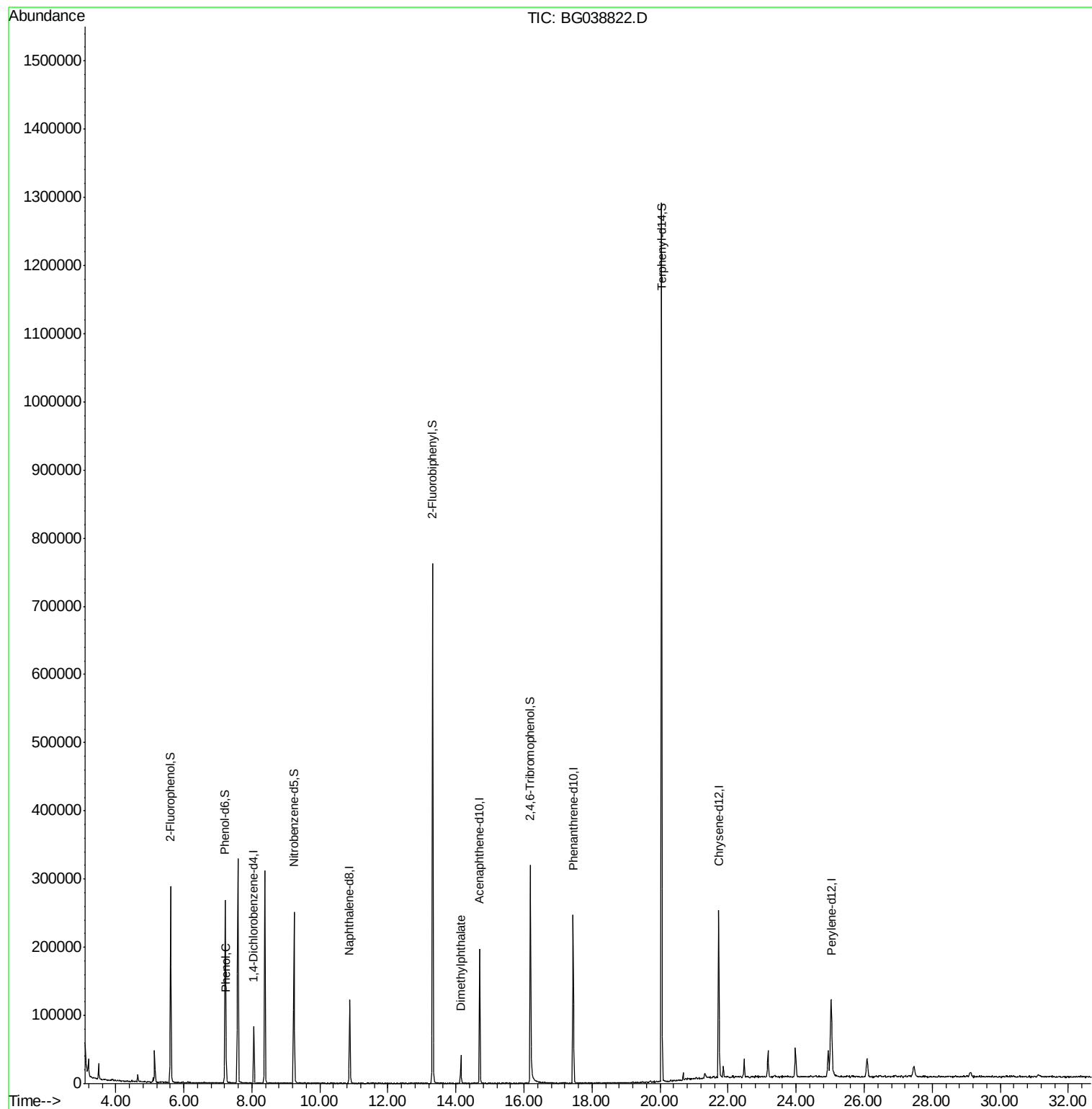
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	25330	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	107072	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	73889	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	166380	20.00	ng	0.00
76) Chrysene-d12	21.72	240	165681	20.00	ng	0.00
87) Perylene-d12	25.03	264	172901	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	126276	88.42	ng	0.00
7) Phenol-d6	7.22	99	159594	81.40	ng	0.00
23) Nitrobenzene-d5	9.24	82	154165	73.56	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	87037	85.47	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	421336	78.23	ng	0.00
79) Terphenyl-d14	20.05	244	690158	90.66	ng	0.00
Target Compounds						
10) Phenol	7.24	94	7743	3.717	ng	79
50) Dimethylphthalate	14.14	163	34240	5.674	ng	# 98

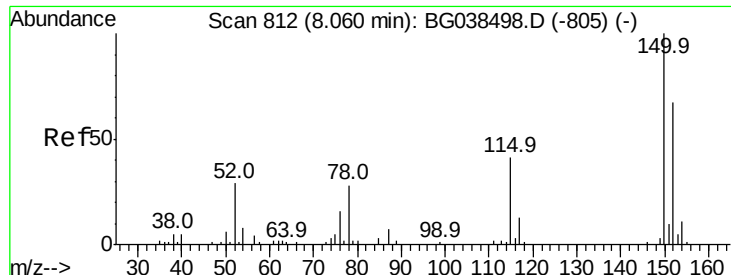
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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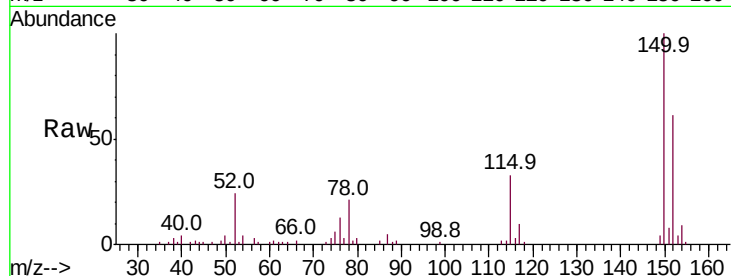


#1

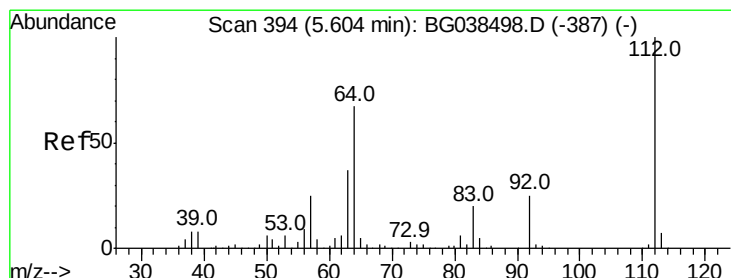
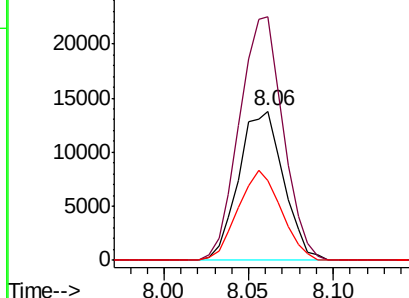
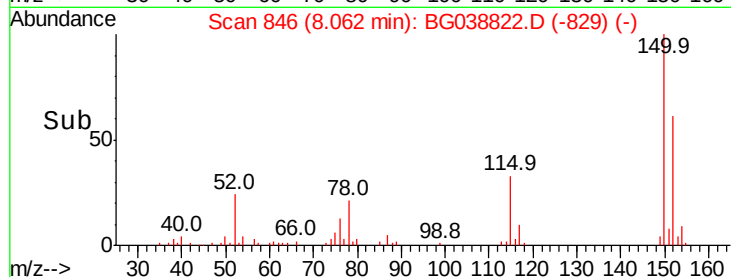
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG038822.D
Acq: 22 Dec 2018 17:53

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

Tot Ion:152 Resp: 25330
Ion Ratio Lower Upper
152 100
150 163.5 119.5 179.3
115 53.2 49.6 74.4



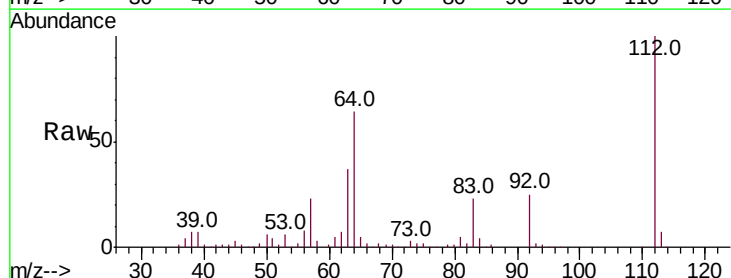
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



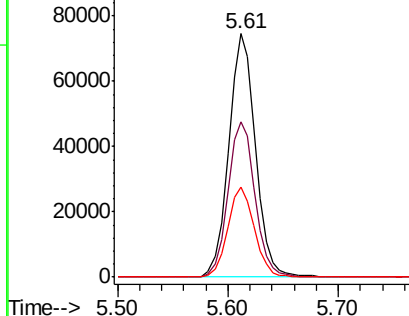
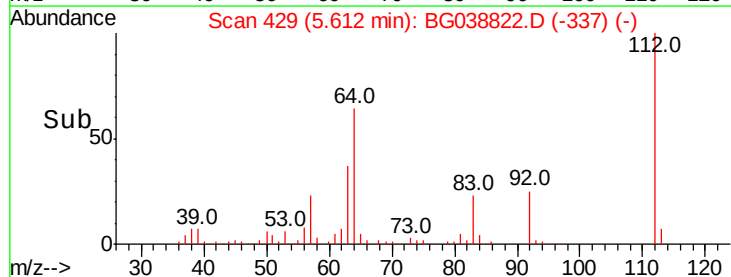
#5

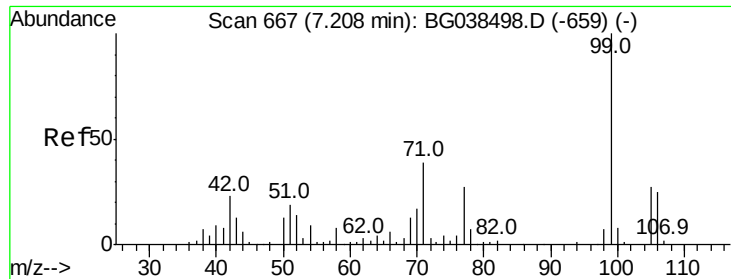
2-Fluorophenol
Concen: 88.421 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038822.D
Acq: 22 Dec 2018 17:53

Tgt Ion:112 Resp: 126276
Ion Ratio Lower Upper
112 100
64 63.8 53.4 80.2
63 36.9 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: 81.403 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038822.D

Acq: 22 Dec 2018 17:53

Instrument :

BNA_G

ClientSampleId :

SSSI-1219-S-TCLP-5

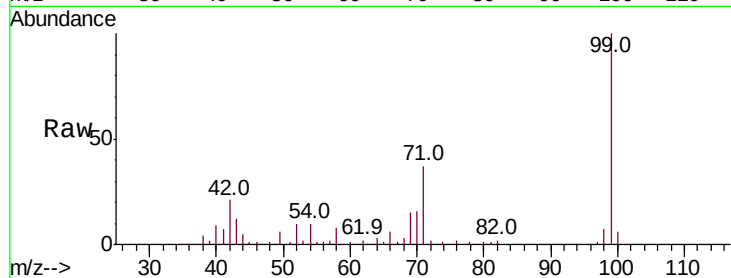
Tot Ion: 99 Resp: 159594

Ion Ratio Lower Upper

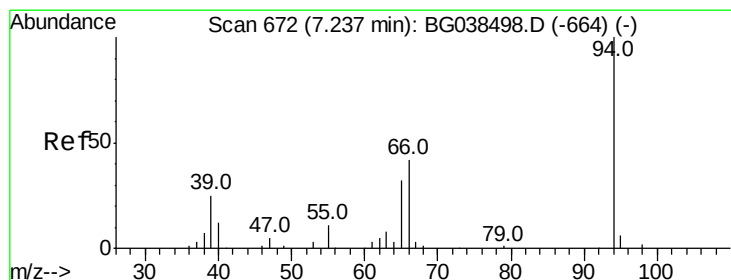
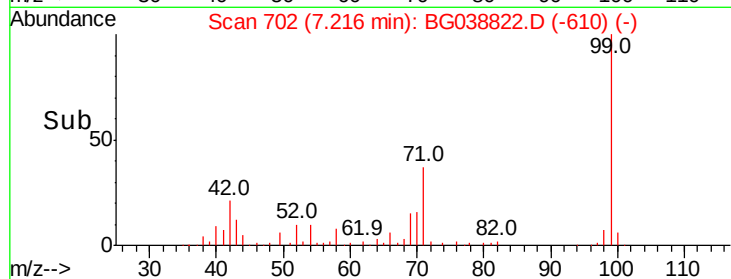
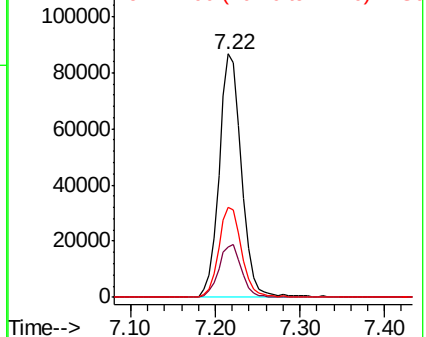
99 100

42 20.6 18.5 27.7

71 37.0 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: 3.717 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG038822.D

Acq: 22 Dec 2018 17:53

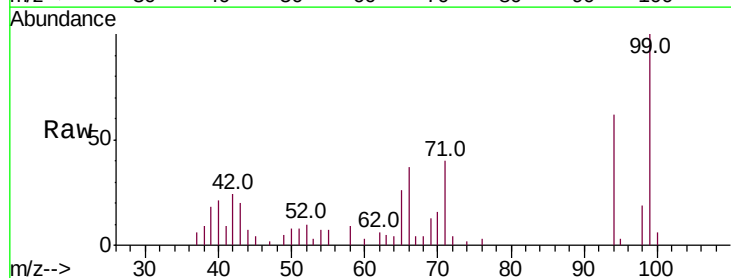
Tgt Ion: 94 Resp: 7743

Ion Ratio Lower Upper

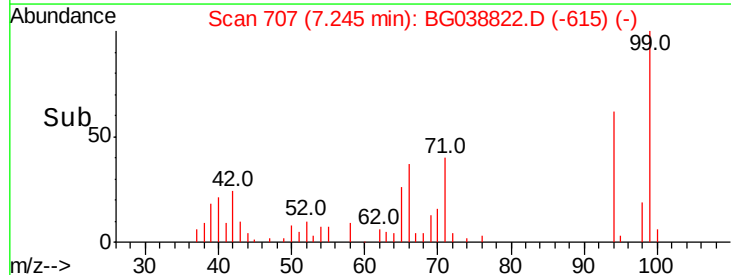
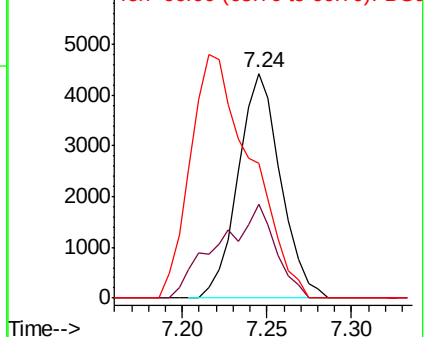
94 100

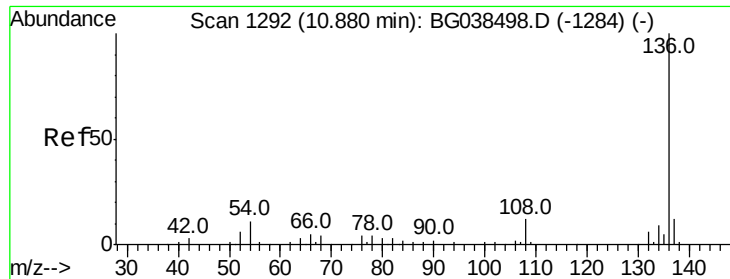
65 41.8 12.6 52.6

66 60.0 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

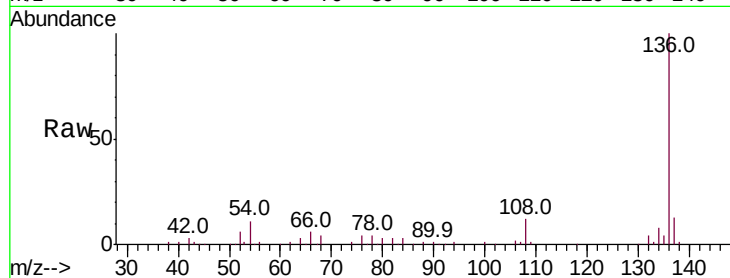




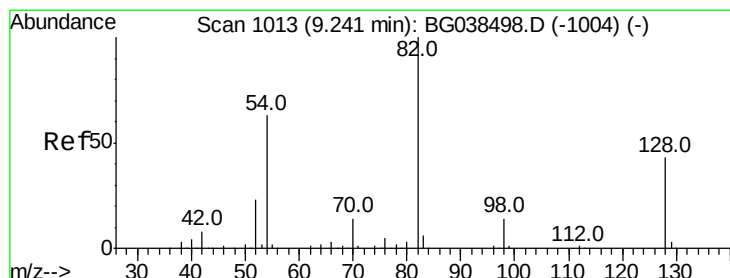
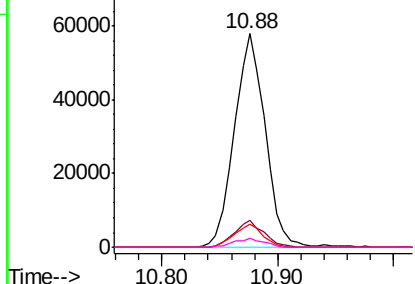
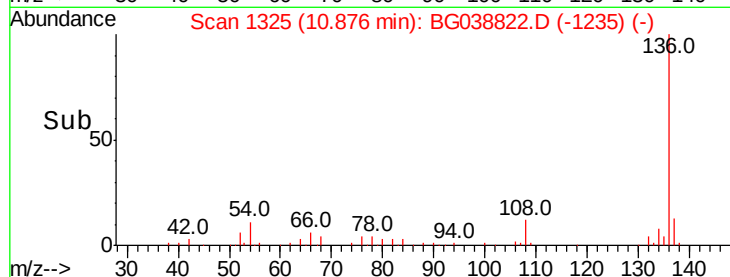
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038822.D
Acq: 22 Dec 2018 17:53

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

Tot Ion:136	Resp:	107072
Ion	Ratio	Lower Upper
136	100	
137	12.6	9.3 13.9
54	10.6	8.5 12.7
68	3.9	3.5 5.3

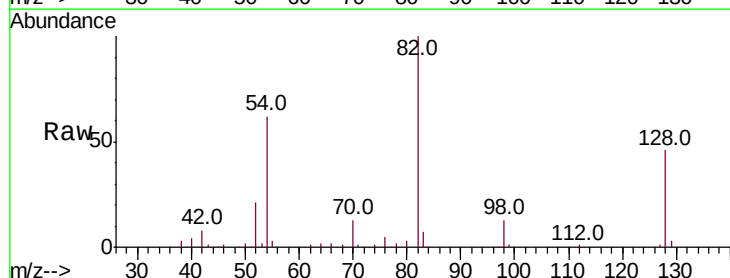


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

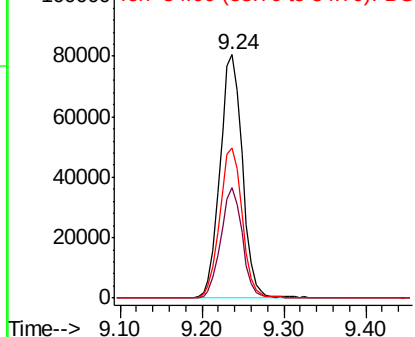
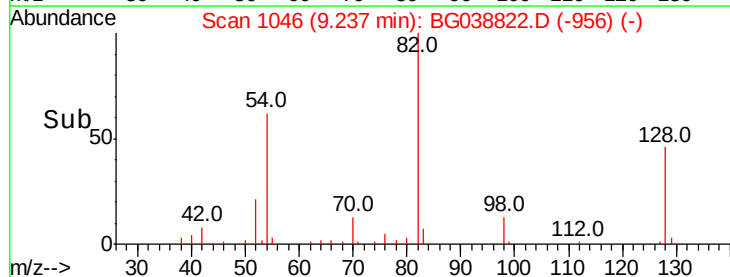


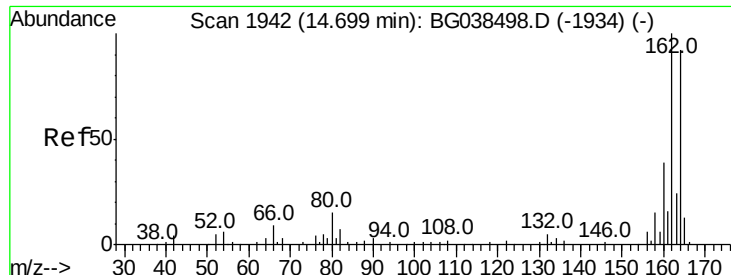
#23
Nitrobenzene-d5
Concen: 73.557 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038822.D
Acq: 22 Dec 2018 17:53

Tgt Ion: 82	Resp:	154165
Ion	Ratio	Lower Upper
82	100	
128	45.6	34.6 52.0
54	61.9	50.6 76.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038822.D

Acq: 22 Dec 2018 17:53

Instrument :

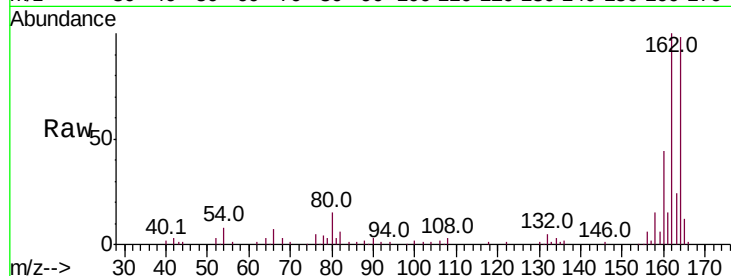
BNA_G

ClientSampleId :

SSSI-1219-S-TCLP-5

Tot Ion:164 Resp: 73889

Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.6	130.0
160	45.4	34.2	51.2

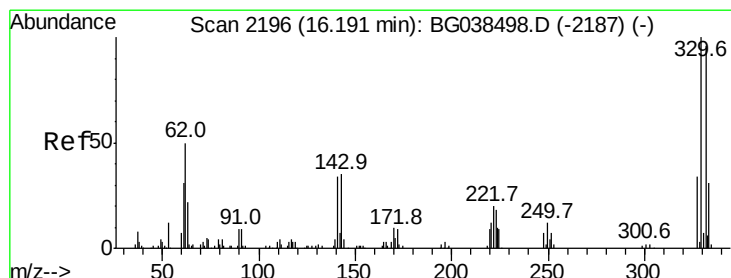
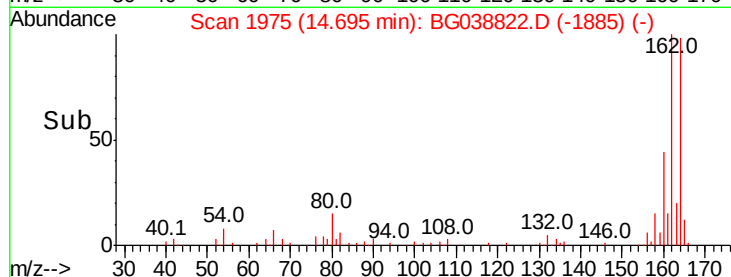
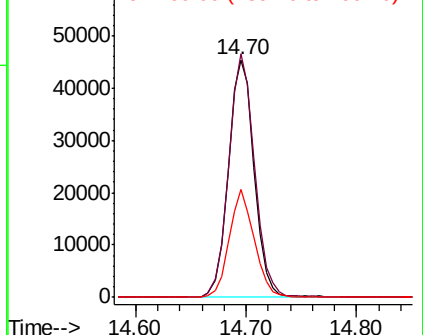


Abundance

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: 85.471 ng

RT: 16.19 min Scan# 2229

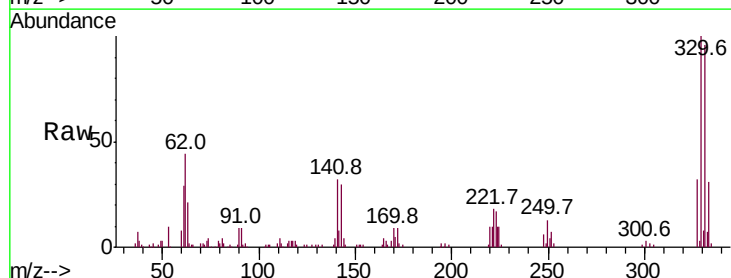
Delta R.T. -0.00 min

Lab File: BG038822.D

Acq: 22 Dec 2018 17:53

Tgt Ion:330 Resp: 87037

Ion	Ratio	Lower	Upper
330	100		
332	93.8	76.9	115.3
141	29.9	28.8	43.2

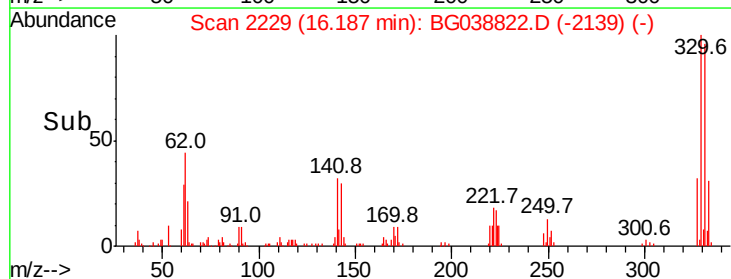
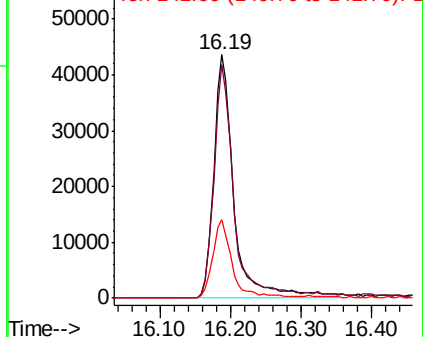


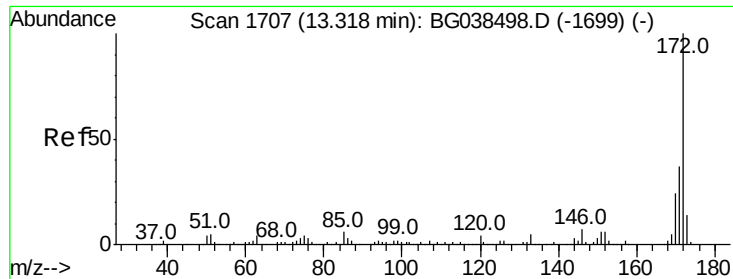
Abundance

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

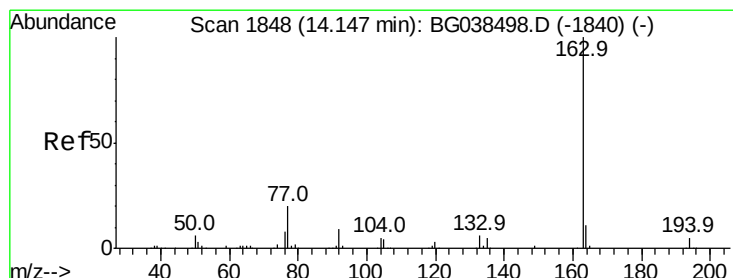
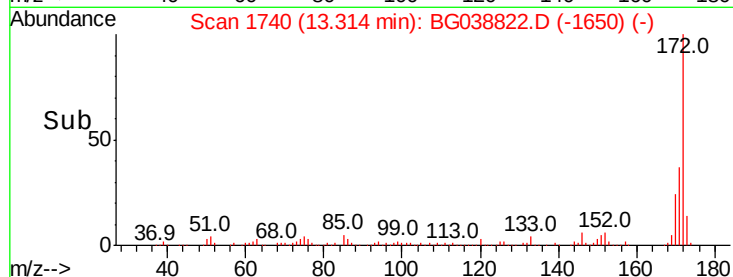
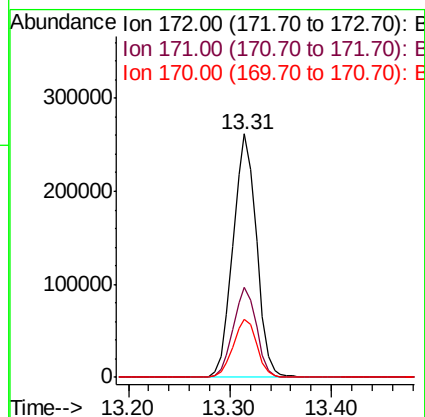
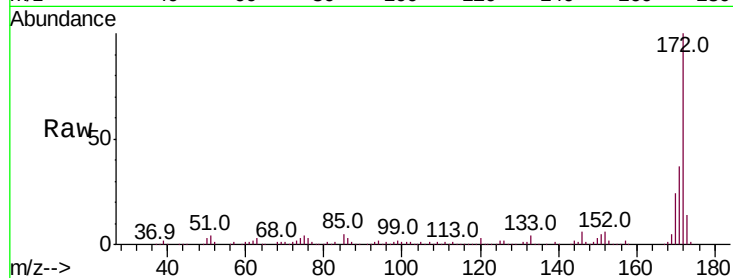




#45
2-Fluorobiphenyl
Concen: 78.227 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG038822.D
Acq: 22 Dec 2018 17:53

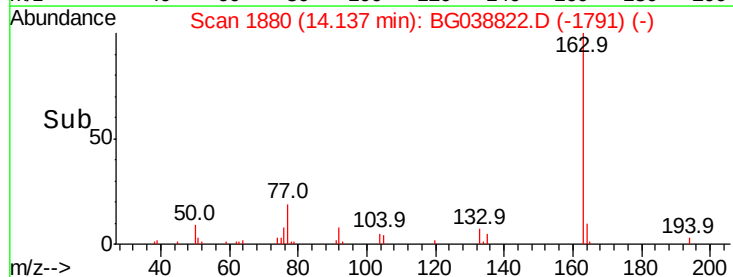
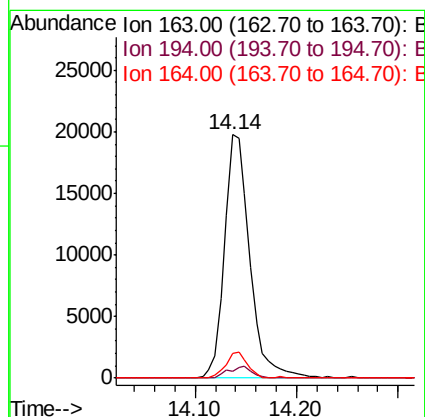
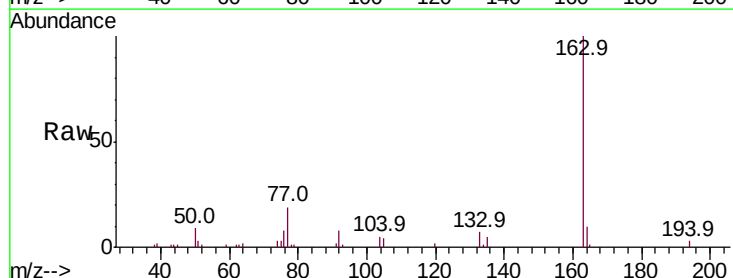
Instrument :
BNA_G
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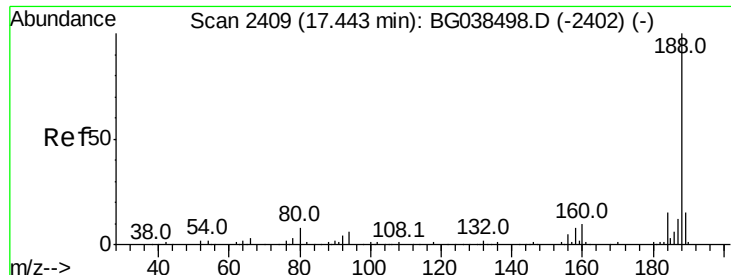
Tot Ion:172 Resp: 421336
Ion Ratio Lower Upper
172 100
171 37.2 29.8 44.6
170 23.8 19.5 29.3



#50
Dimethylphthalate
Concen: 5.674 ng
RT: 14.14 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG038822.D
Acq: 22 Dec 2018 17:53

Tgt Ion:163 Resp: 34240
Ion Ratio Lower Upper
163 100
194 3.0 3.7 5.5#
164 10.2 8.6 12.8

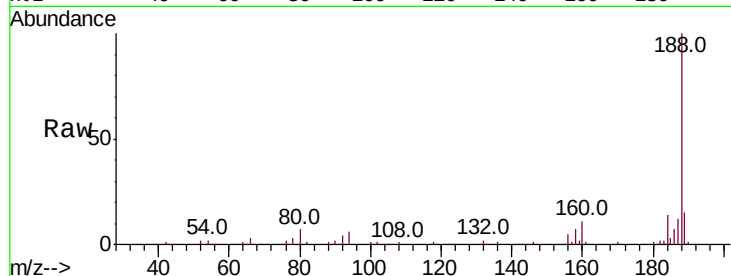




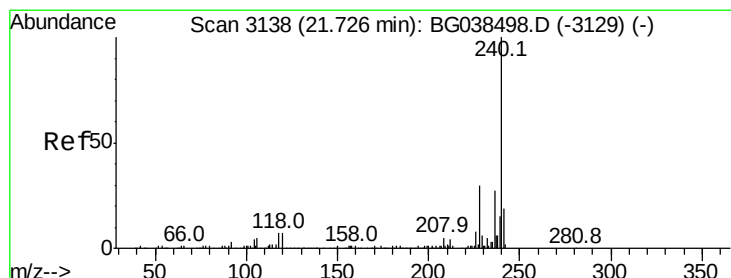
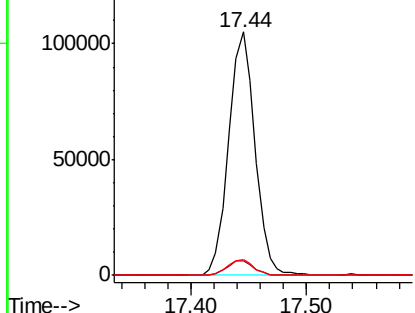
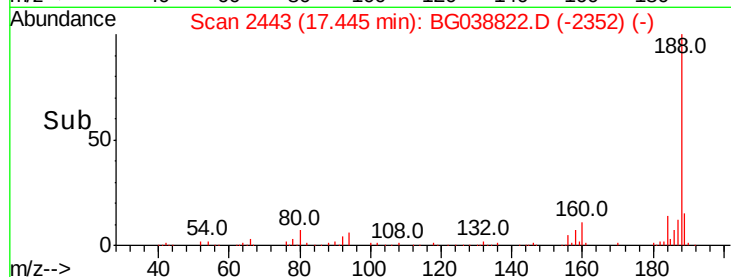
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038822.D
Acq: 22 Dec 2018 17:53

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

Tot Ion:188 Resp: 166380
Ion Ratio Lower Upper
188 100
94 6.1 5.1 7.7
80 6.6 6.1 9.1

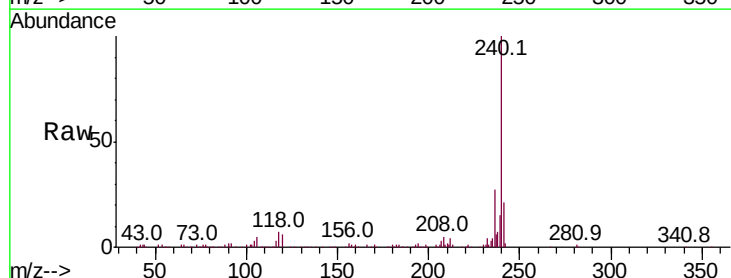


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

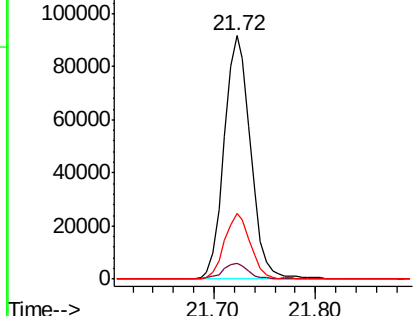
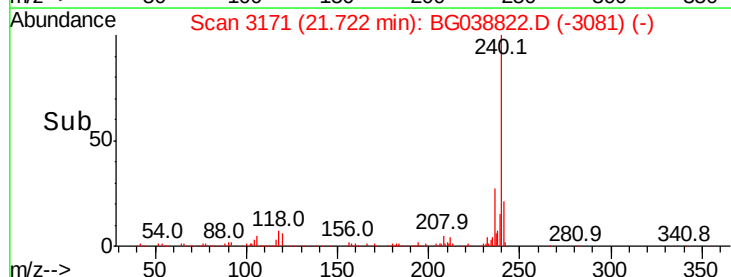


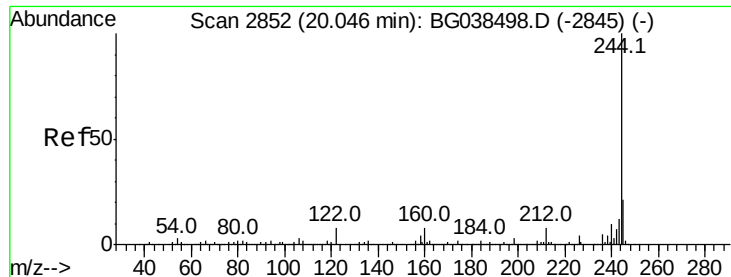
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BG038822.D
Acq: 22 Dec 2018 17:53

Tgt Ion:240 Resp: 165681
Ion Ratio Lower Upper
240 100
120 6.4 5.3 7.9
236 26.9 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: 90.657 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038822.D

Acq: 22 Dec 2018 17:53

Instrument :

BNA_G

ClientSampleId :

SSSI-1219-S-TCLP-5

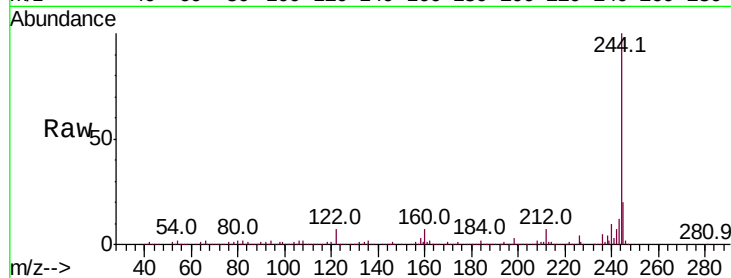
Tot Ion:244 Resp: 690158

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

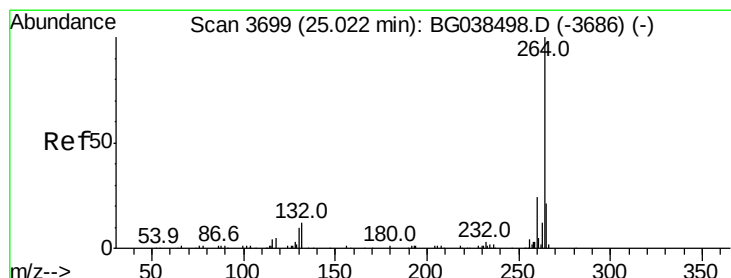
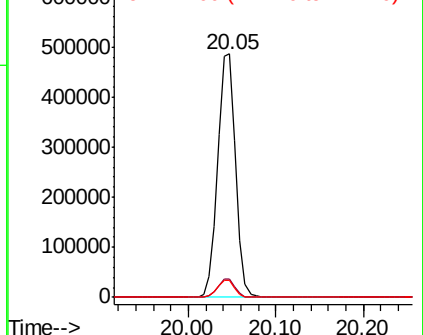
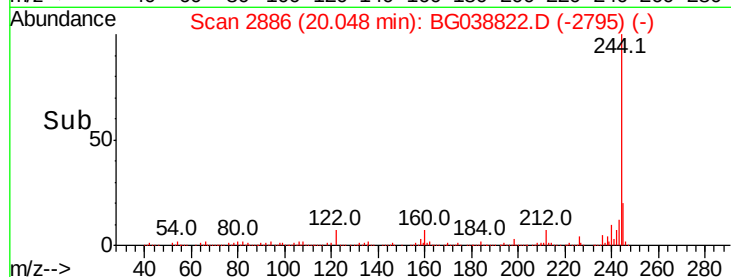
122 6.8 6.3 9.5



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. 0.01 min

Lab File: BG038822.D

Acq: 22 Dec 2018 17:53

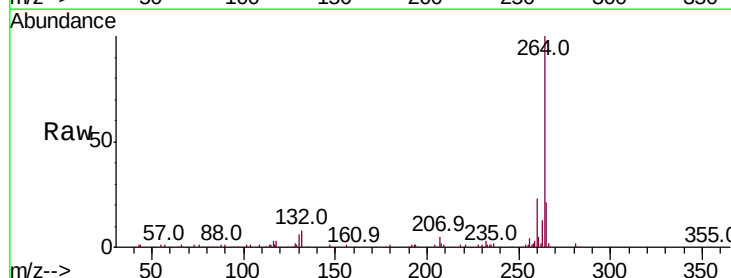
Tgt Ion:264 Resp: 172901

Ion Ratio Lower Upper

264 100

260 22.9 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

