

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111418\
 Data File : BG038001.D
 Acq On : 14 Nov 2018 17:41
 Operator : JU/SJ
 Sample : J5925-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1D

Quant Time: Nov 15 00:59:56 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

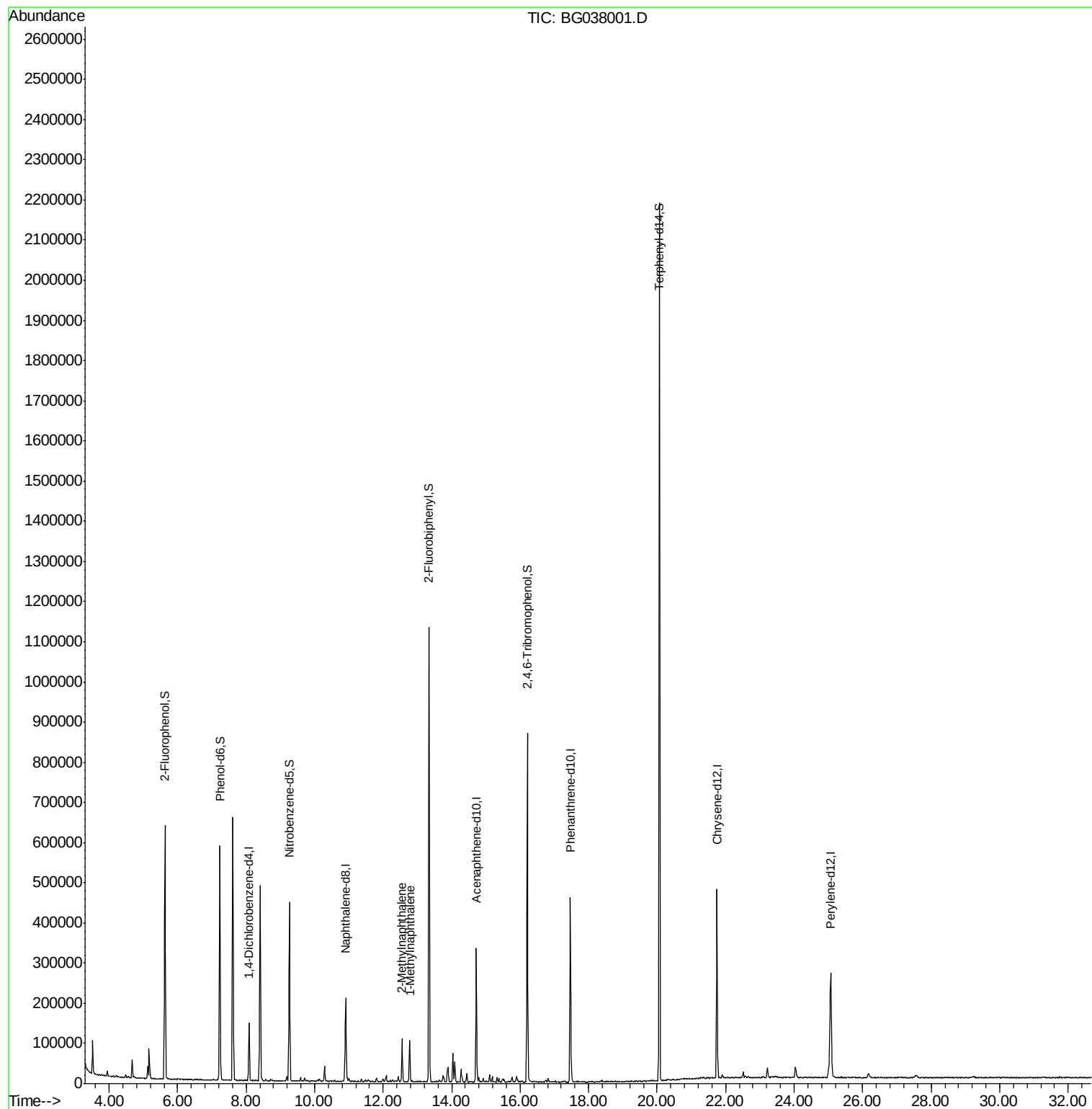
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	43241	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	182590	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	117429	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	292216	20.00	ng	0.00
76) Chrysene-d12	21.75	240	284937	20.00	ng	0.00
87) Perylene-d12	25.06	264	292719	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	292043	116.61	ng	0.00
7) Phenol-d6	7.23	99	376288	105.26	ng	0.00
23) Nitrobenzene-d5	9.26	82	273503	80.18	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	160940	120.17	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	621986	77.17	ng	0.00
79) Terphenyl-d14	20.06	244	1076942	88.93	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	12.56	142	53406	8.279	ng	98
38) 1-Methylnaphthalene	12.77	142	50838	8.187	ng	99

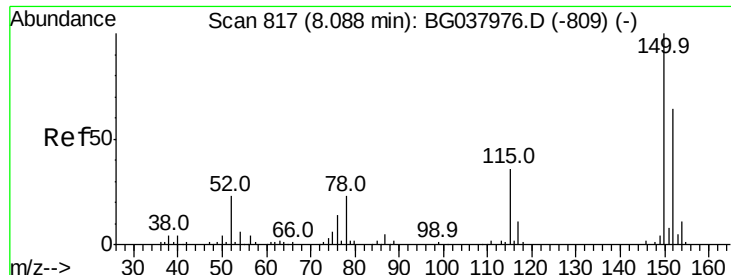
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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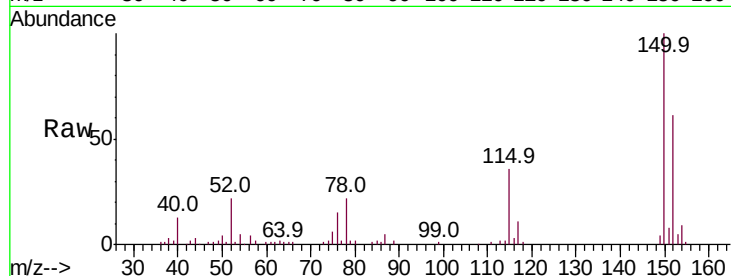


#1

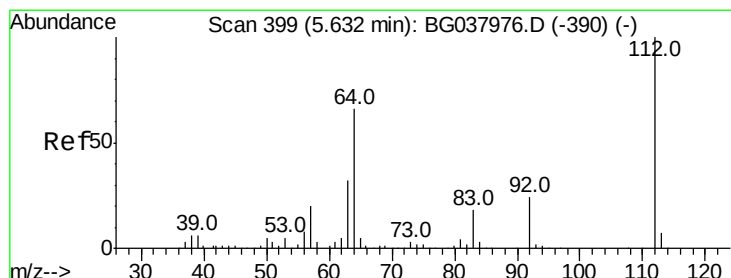
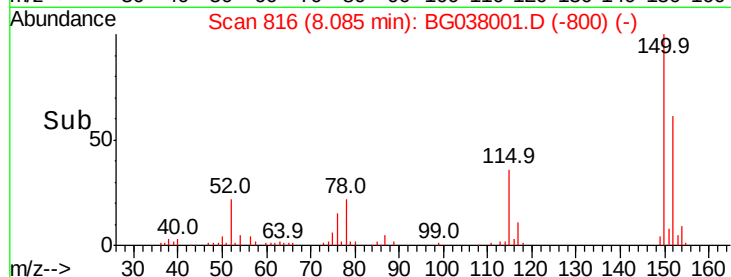
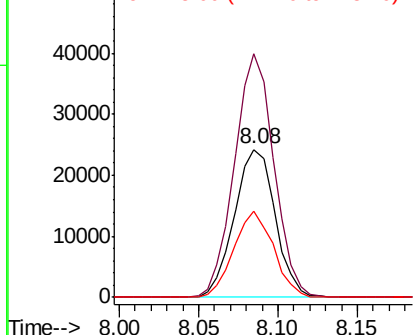
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038001.D
Acq: 14 Nov 2018 17:41

Instrument :
BNA_G
ClientSampled :
TP-1D

Tot Ion:152 Resp: 43241
Ion Ratio Lower Upper
152 100
150 164.2 126.0 189.0
115 58.5 45.5 68.3



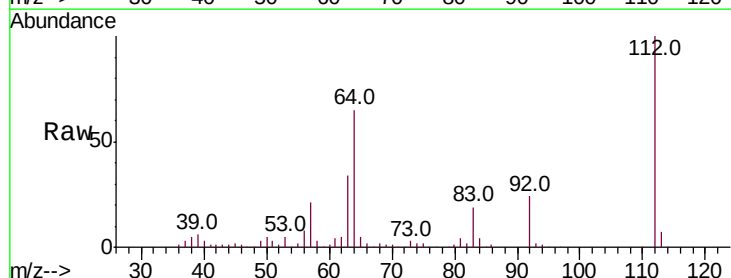
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



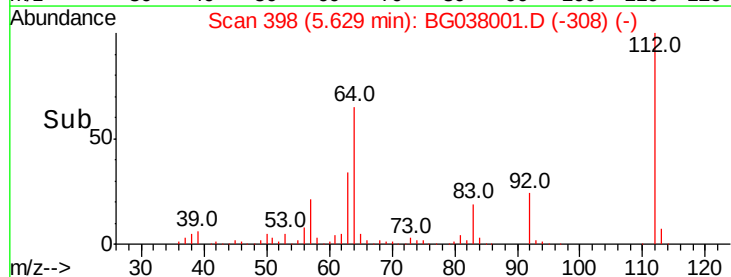
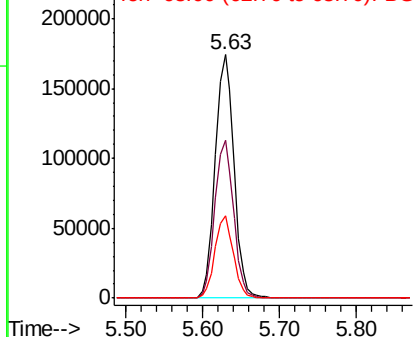
#5

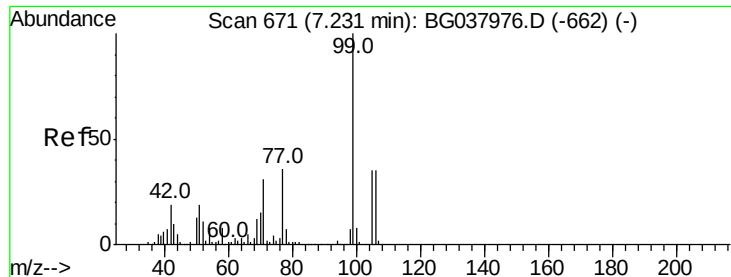
2-Fluorophenol
Concen: 116.610 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038001.D
Acq: 14 Nov 2018 17:41

Tgt Ion:112 Resp: 292043
Ion Ratio Lower Upper
112 100
64 65.1 53.1 79.7
63 33.9 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: 105.257 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038001.D

Acq: 14 Nov 2018 17:41

Instrument :

BNA_G

ClientSampled :

TP-1D

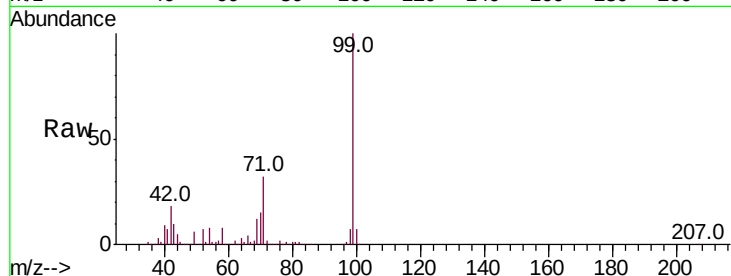
Tot Ion: 99 Resp: 376288

Ion Ratio Lower Upper

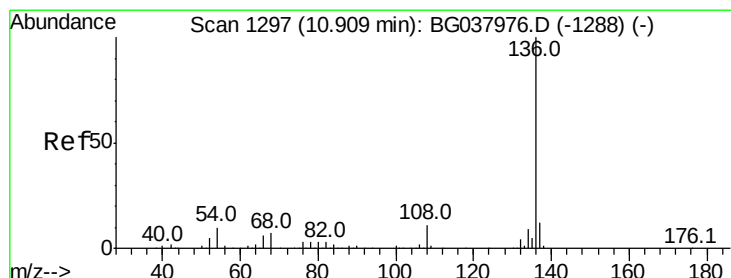
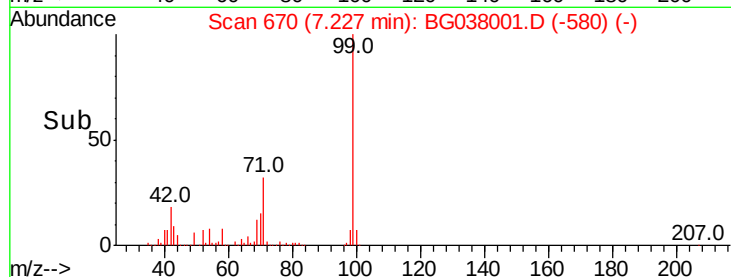
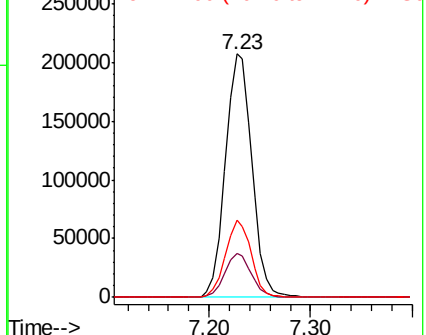
99 100

42 18.0 15.0 22.4

71 31.5 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: 10.91 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038001.D

Acq: 14 Nov 2018 17:41

Tgt Ion: 136 Resp: 182590

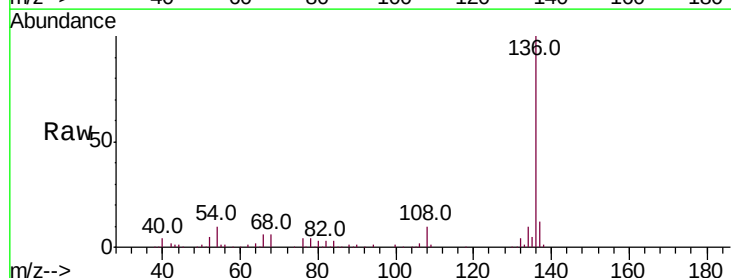
Ion Ratio Lower Upper

136 100

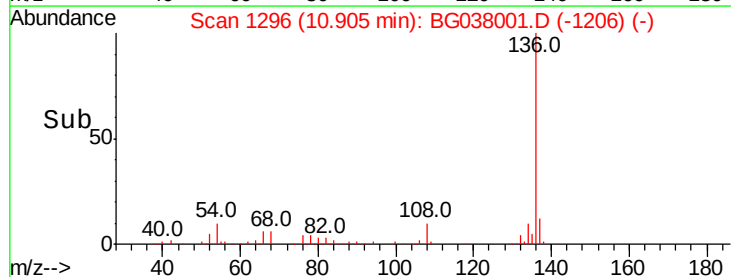
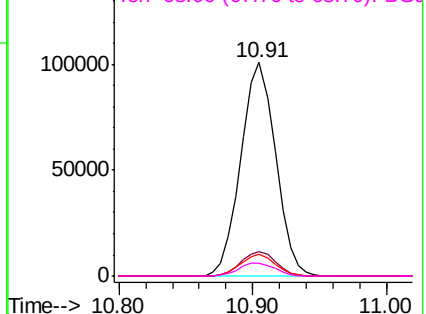
137 11.6 9.6 14.4

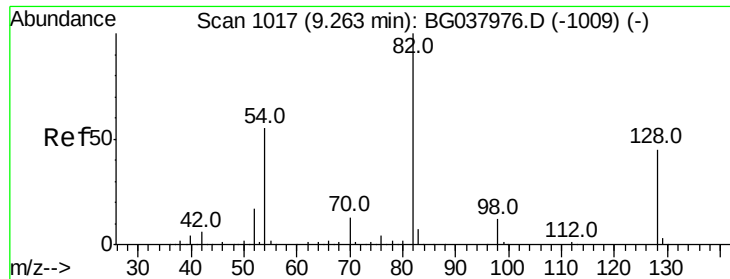
54 10.4 7.9 11.9

68 6.2 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

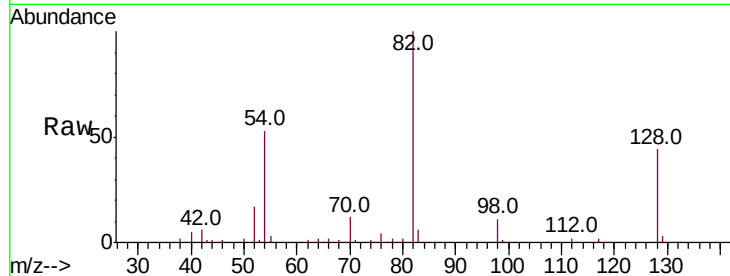




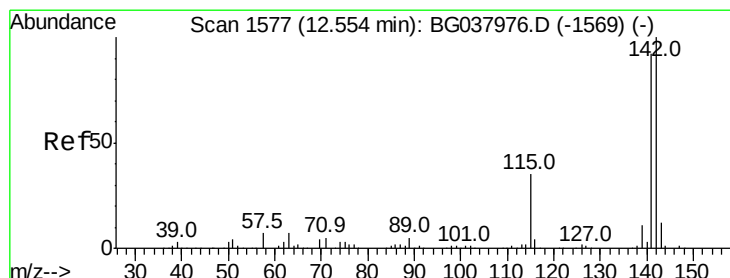
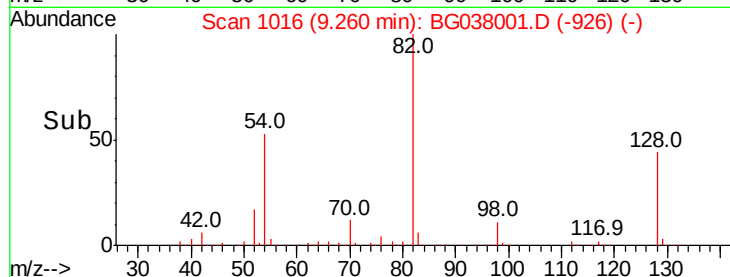
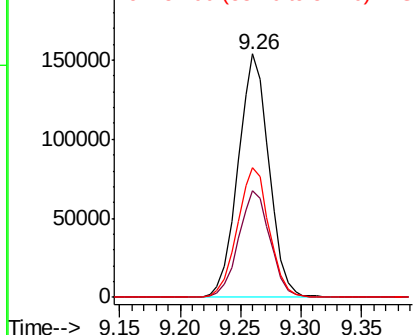
#23
Nitrobenzene-d5
Concen: 80.184 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038001.D
Acq: 14 Nov 2018 17:41

Instrument :
BNA_G
ClientSampled :
TP-1D

Tot Ion	82	Resp	273503
Ion Ratio	Lower	Upper	
82	100		
128	43.6	34.6	51.8
54	53.4	45.3	67.9

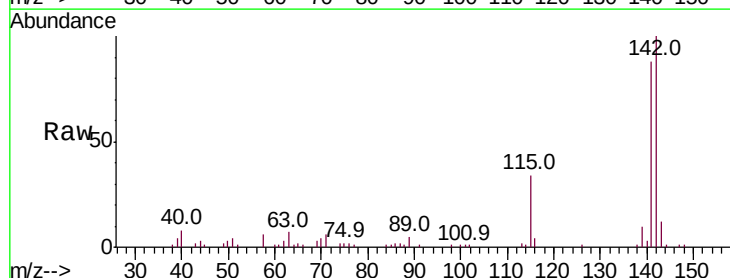


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

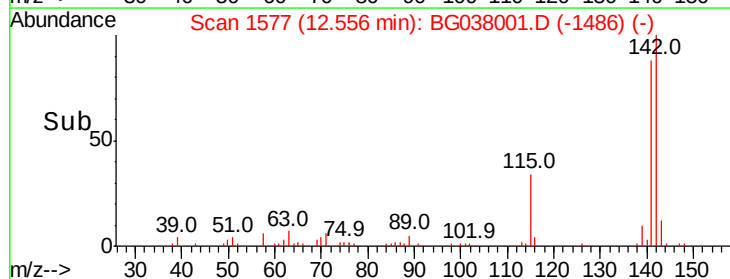
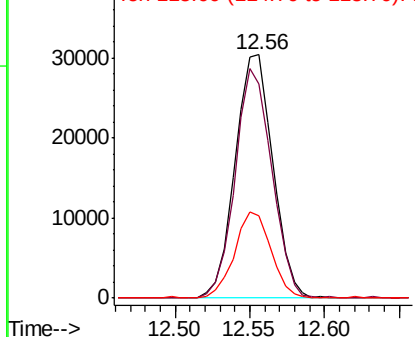


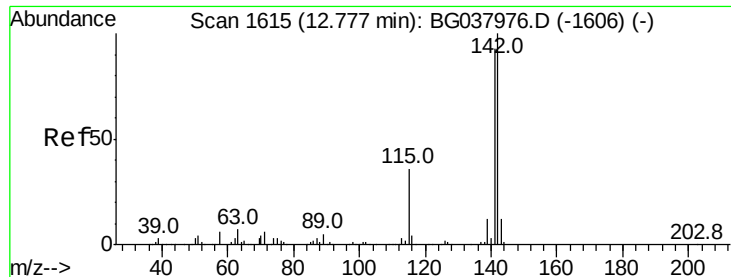
#37
2-Methylnaphthalene
Concen: 8.279 ng
RT: 12.56 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BG038001.D
Acq: 14 Nov 2018 17:41

Tgt Ion	142	Resp	53406
Ion Ratio	Lower	Upper	
142	100		
141	88.0	71.9	107.9
115	33.7	27.8	41.8



Abundance Ion 142.00 (141.70 to 142.70): BGC
Ion 141.00 (140.70 to 141.70): BGC
Ion 115.00 (114.70 to 115.70): BGC

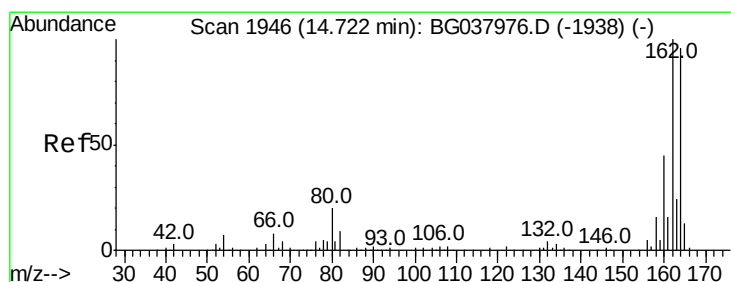
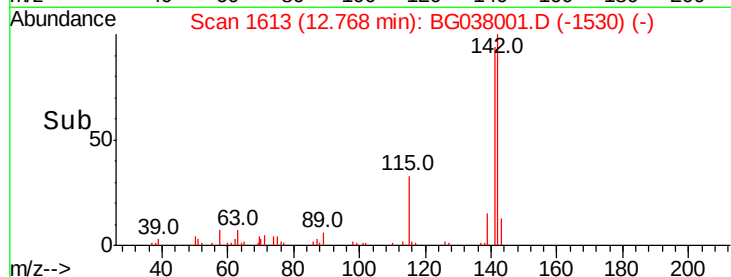
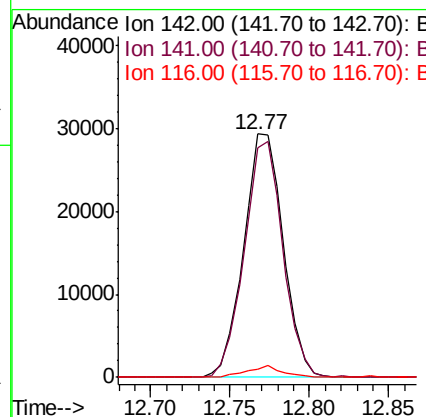
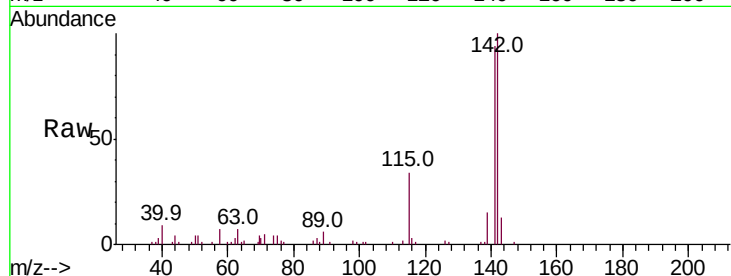




#38
1-Methylnaphthalene
Concen: 8.187 ng
RT: 12.77 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BG038001.D
Acq: 14 Nov 2018 17:41

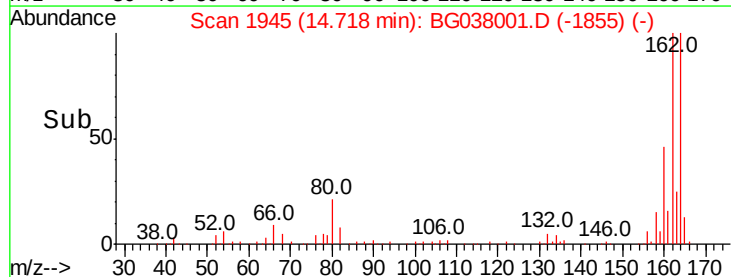
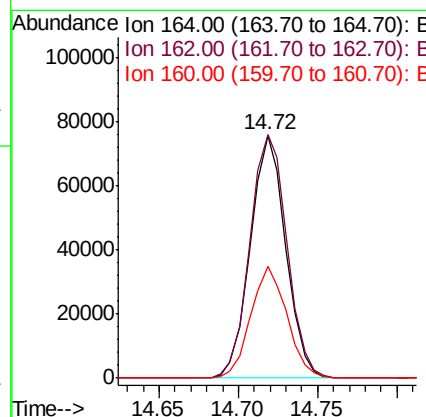
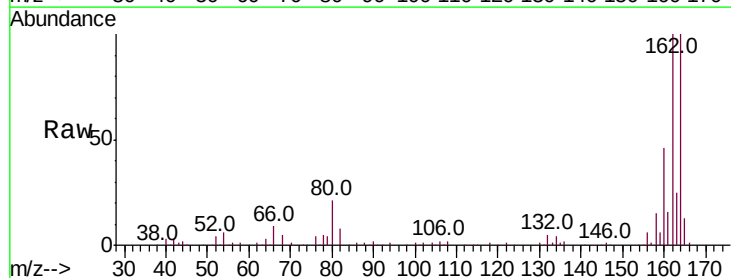
Instrument :
BNA_G
ClientSampleId :
TP-1D

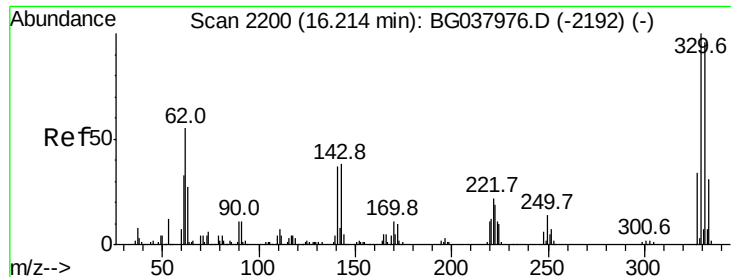
Tot Ion	Ratio	Lower	Upper
142	100		
141	94.4	75.2	112.8
116	3.5	3.3	4.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG038001.D
Acq: 14 Nov 2018 17:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.3	121.9
160	46.3	36.3	54.5

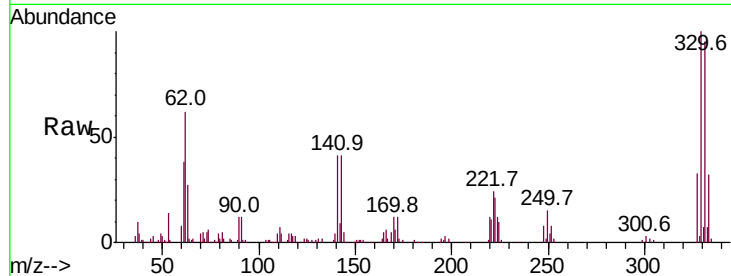




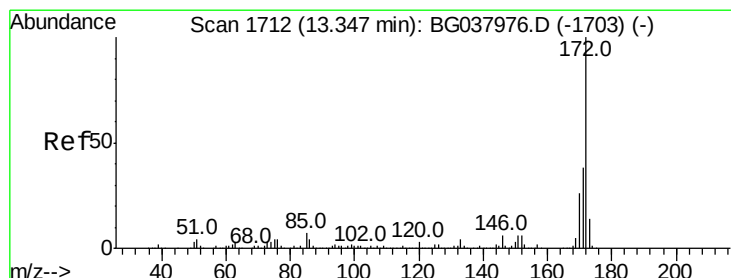
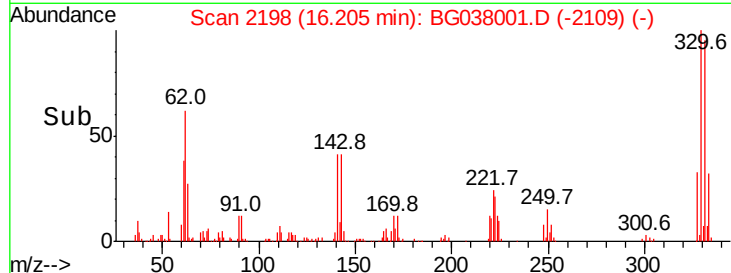
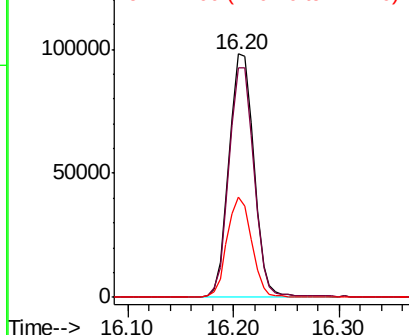
#42
 2,4,6-Tribromophenol
 Concen: 120.172 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG038001.D
 Acq: 14 Nov 2018 17:41

Instrument :
 BNA_G
 ClientSampleId :
 TP-1D

Tot Ion:330 Resp: 160940
 Ion Ratio Lower Upper
 330 100
 332 94.7 78.4 117.6
 141 40.4 32.2 48.2

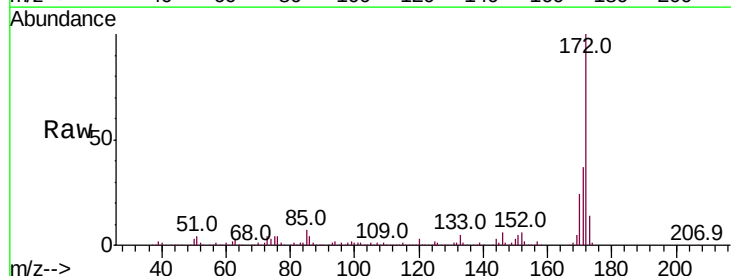


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

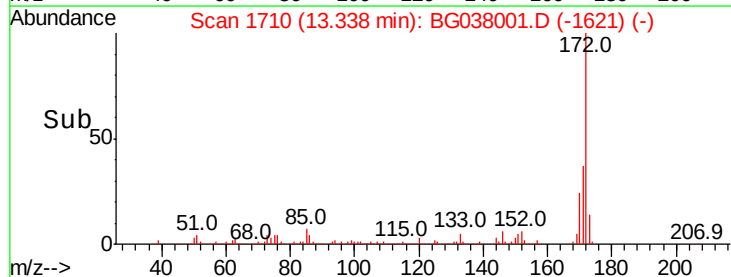
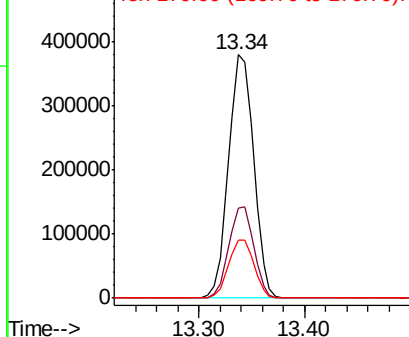


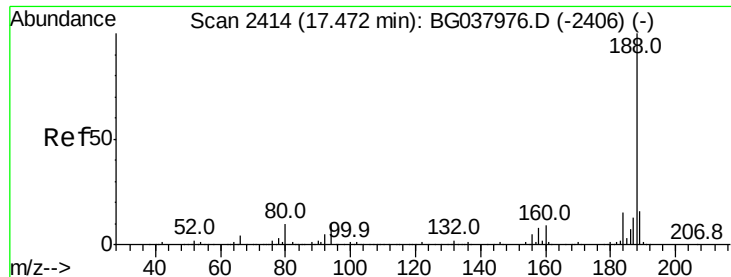
#45
 2-Fluorobiphenyl
 Concen: 77.165 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038001.D
 Acq: 14 Nov 2018 17:41

Tgt Ion:172 Resp: 621986
 Ion Ratio Lower Upper
 172 100
 171 37.0 31.0 46.4
 170 24.1 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

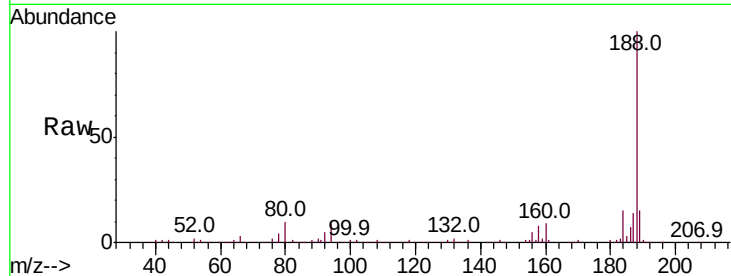




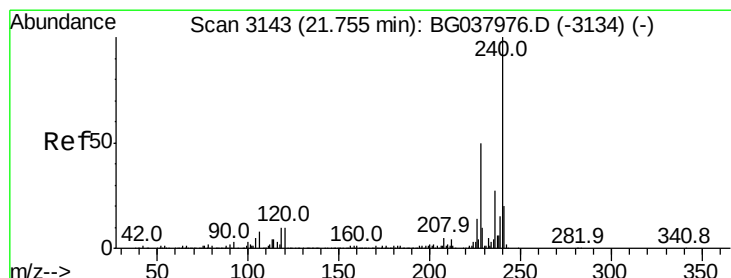
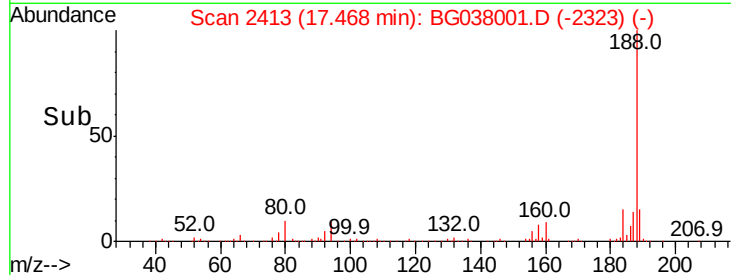
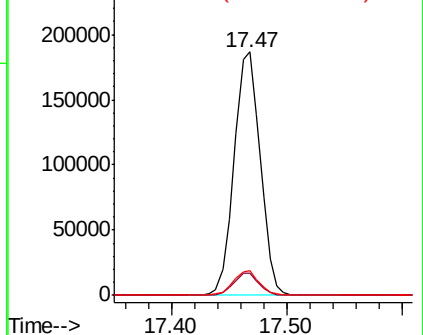
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG038001.D
Acq: 14 Nov 2018 17:41

Instrument :
BNA_G
ClientSampleId :
TP-1D

Tot Ion:188 Resp: 292216
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 9.9 7.7 11.5

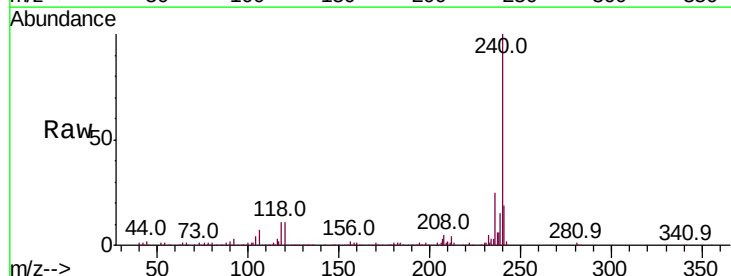


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

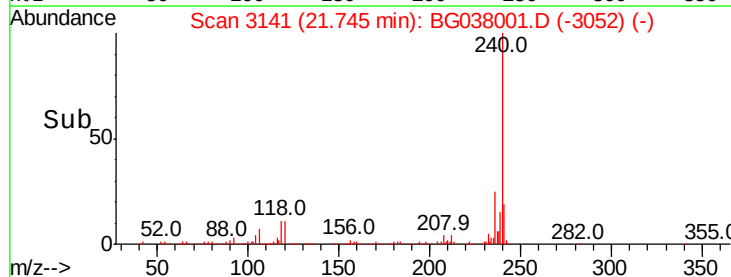
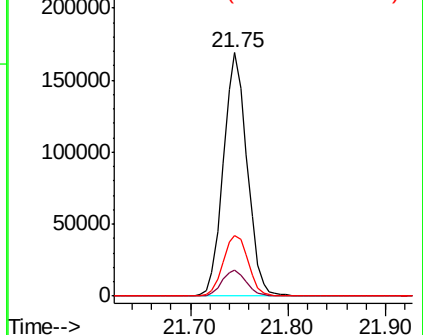


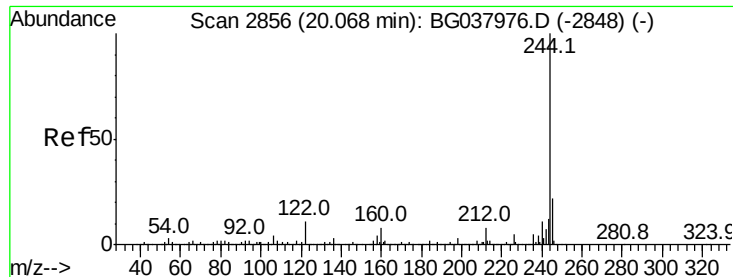
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG038001.D
Acq: 14 Nov 2018 17:41

Tgt Ion:240 Resp: 284937
Ion Ratio Lower Upper
240 100
120 10.8 8.1 12.1
236 24.9 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: 88.934 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038001.D

Acq: 14 Nov 2018 17:41

Instrument :

BNA_G

ClientSampleId :

TP-1D

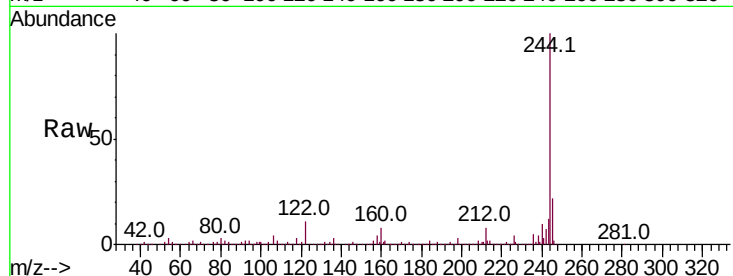
Tot Ion:244 Resp: 1076942

Ion Ratio Lower Upper

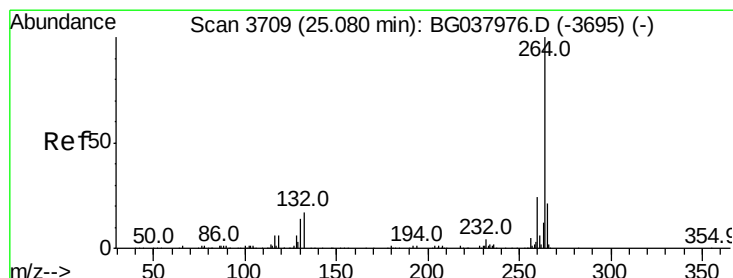
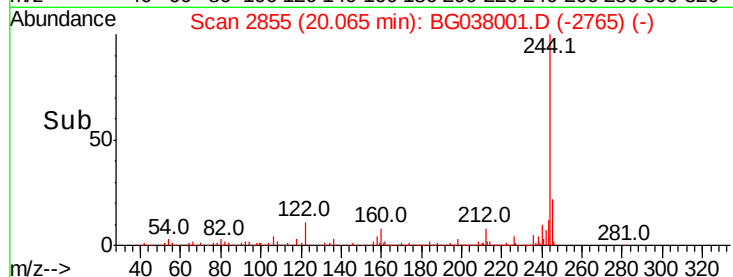
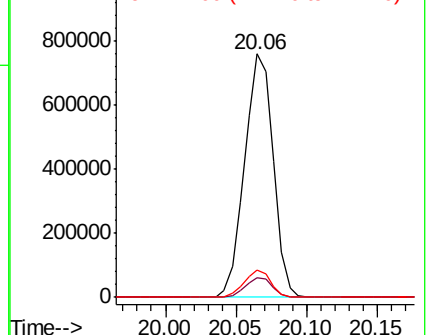
244 100

212 8.1 6.5 9.7

122 11.2 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: 25.06 min Scan# 3706

Delta R.T. -0.02 min

Lab File: BG038001.D

Acq: 14 Nov 2018 17:41

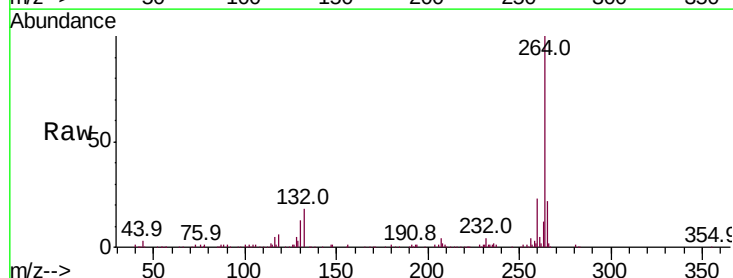
Tgt Ion:264 Resp: 292719

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

265 22.1 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

