

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036713.D
 Acq On : 14 Sep 2018 20:00
 Operator : JU/SJ
 Sample : J4906-17
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-9

Quant Time: Sep 15 02:34:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

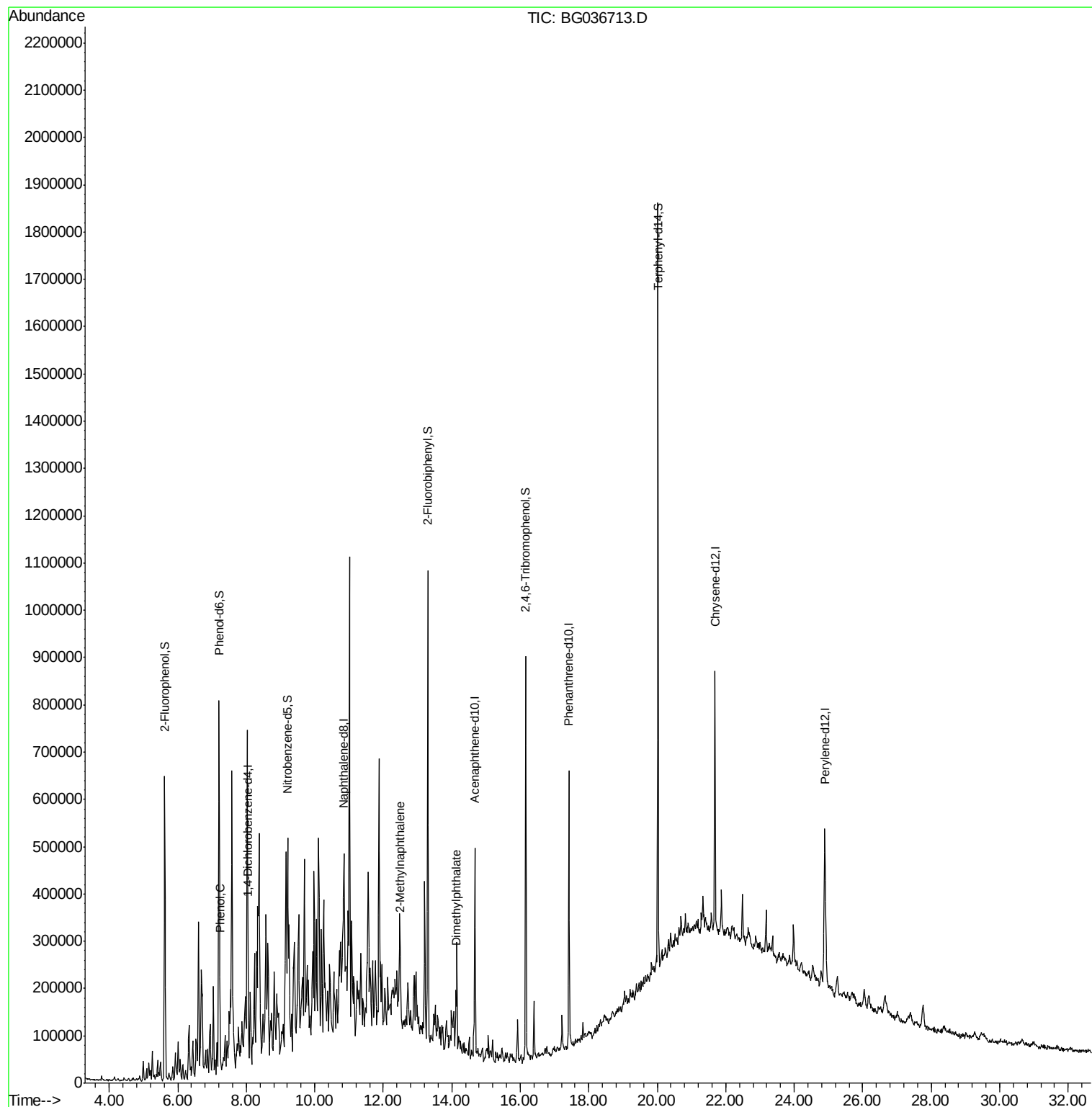
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49754	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	205574	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	145025	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	352548	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	338747	20.00	ng	-0.01
86) Perylene-d12	24.89	264	347518	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	253331	80.77	ng	0.00
7) Phenol-d6	7.21	99	344716	76.76	ng	-0.01
23) Nitrobenzene-d5	9.21	82	224370	59.22	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	159389	92.11	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	507078	49.92	ng	-0.01
78) Terphenyl-d14	20.02	244	806296	55.63	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	10076	2.144	ng	87
37) 2-Methylnaphthalene	12.51	142	64598	8.591	ng	95
49) Dimethylphthalate	14.12	163	52581	4.440	ng	# 95

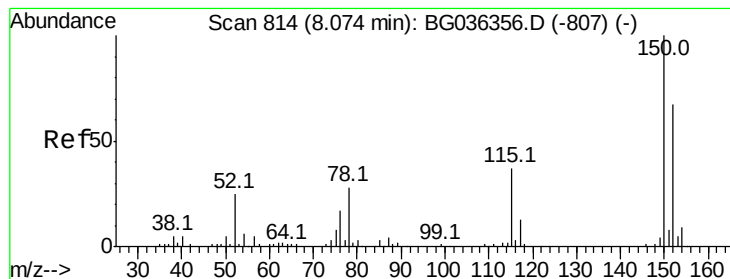
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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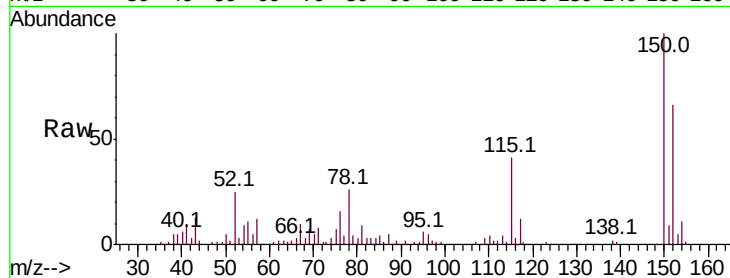


#1

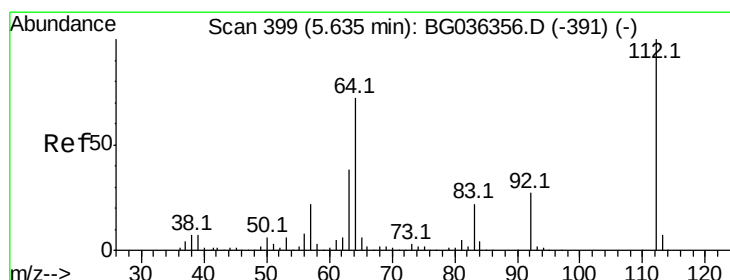
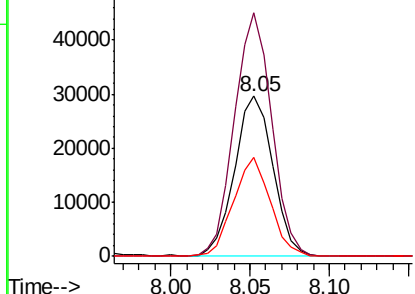
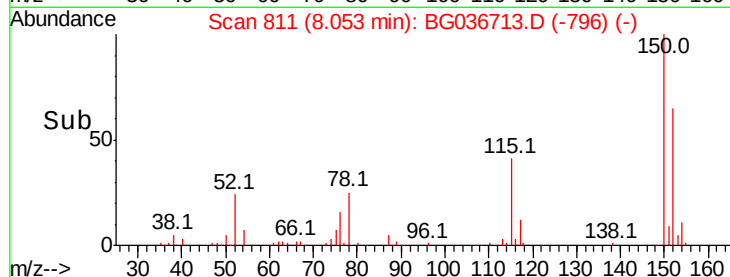
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Instrument :
BNA_G
ClientSampleId :
SP-PIT-9

Tot Ion:152 Resp: 49754
Ion Ratio Lower Upper
152 100
150 152.0 119.5 179.3
115 61.7 44.5 66.7



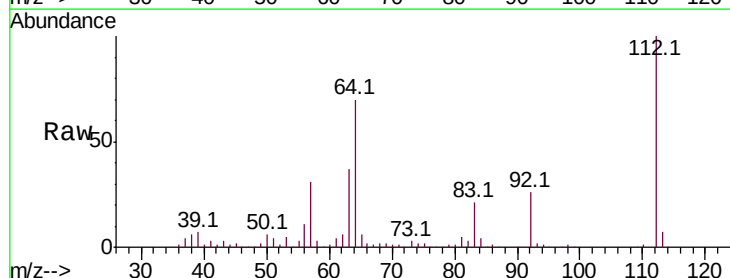
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



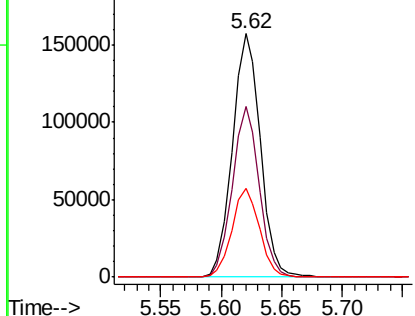
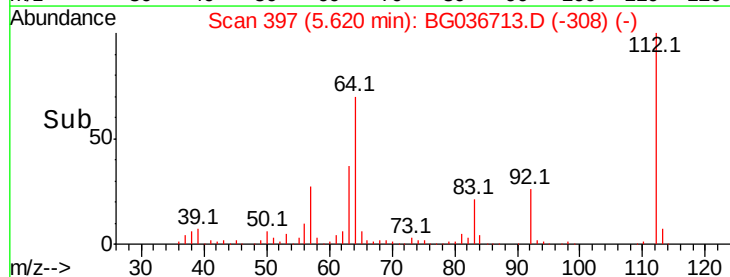
#5

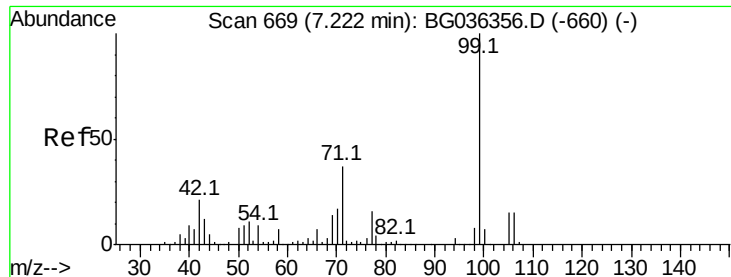
2-Fluorophenol
Concen: 80.769 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Tgt Ion:112 Resp: 253331
Ion Ratio Lower Upper
112 100
64 70.3 57.2 85.8
63 36.5 30.8 46.2



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: 76.763 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036713.D

Acq: 14 Sep 2018 20:00

Instrument :

BNA_G

ClientSampled :

SP-PIT-9

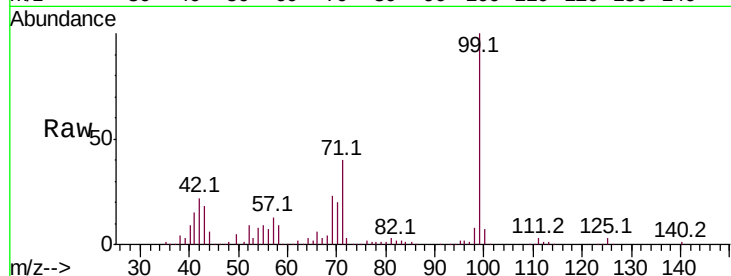
Tot Ion: 99 Resp: 344716

Ion Ratio Lower Upper

99 100

42 21.7 16.5 24.7

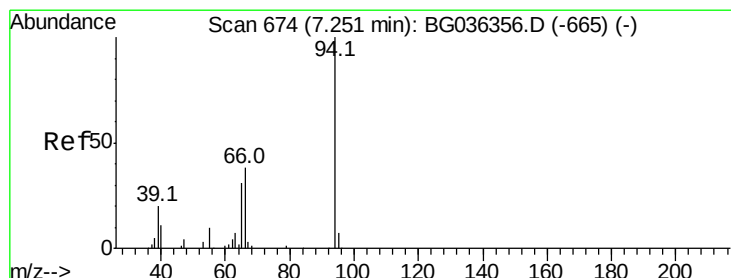
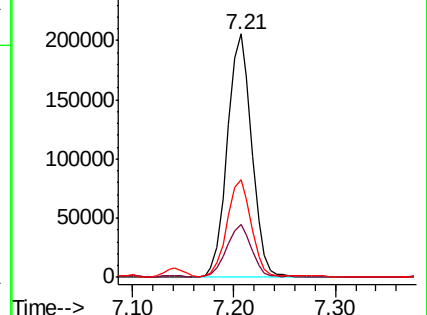
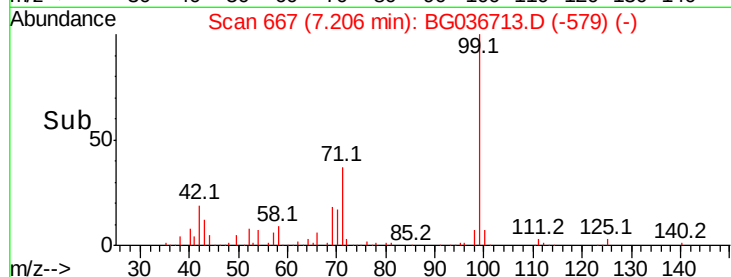
71 40.4 29.4 44.2



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: 2.144 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG036713.D

Acq: 14 Sep 2018 20:00

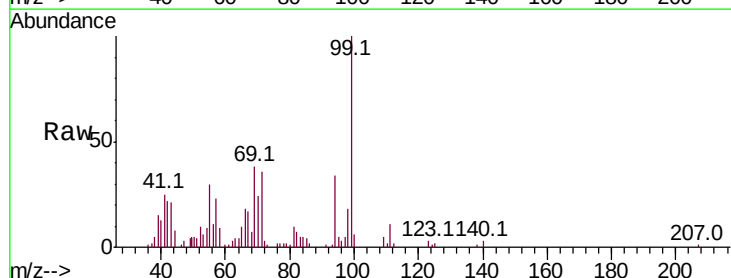
Tgt Ion: 94 Resp: 10076

Ion Ratio Lower Upper

94 100

65 30.2 11.5 51.5

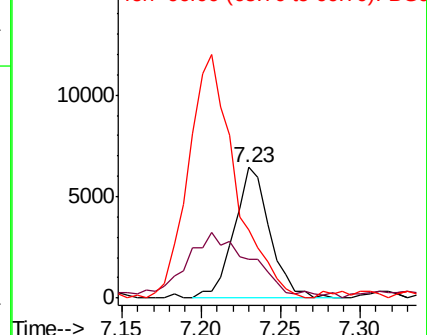
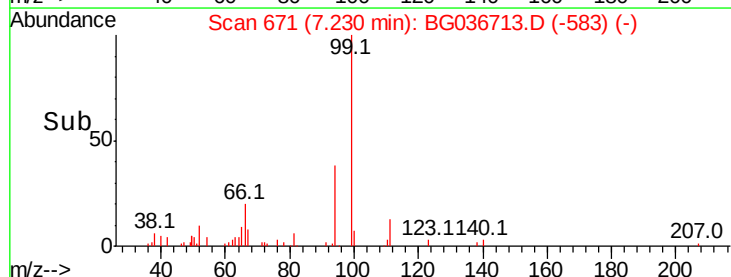
66 52.7 19.5 59.5

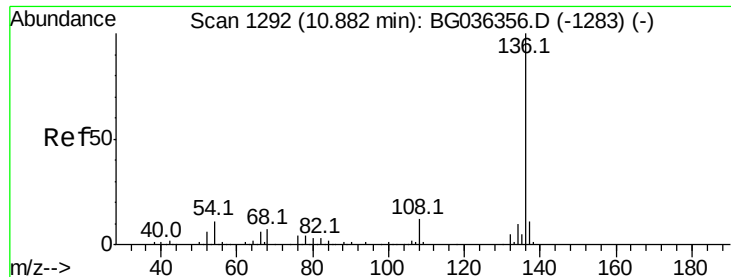


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

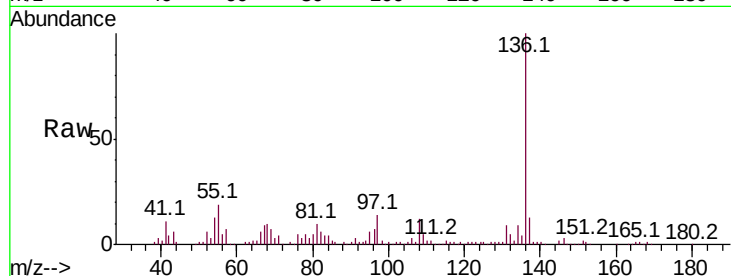




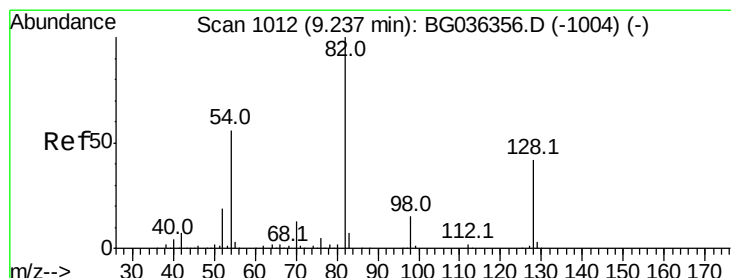
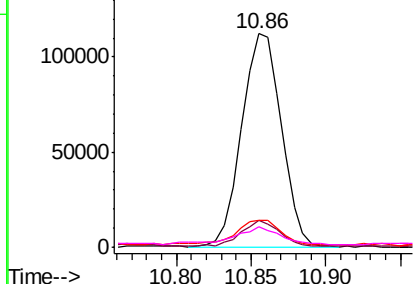
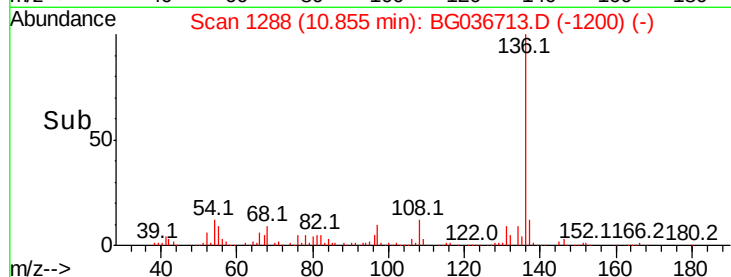
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Instrument :
BNA_G
ClientSampleId :
SP-PIT-9

Tot Ion:136	Resp:	205574
Ion	Ratio	Lower Upper
136	100	
137	12.8	8.8 13.2
54	12.8	9.2 13.8
68	9.7	5.8 8.6#

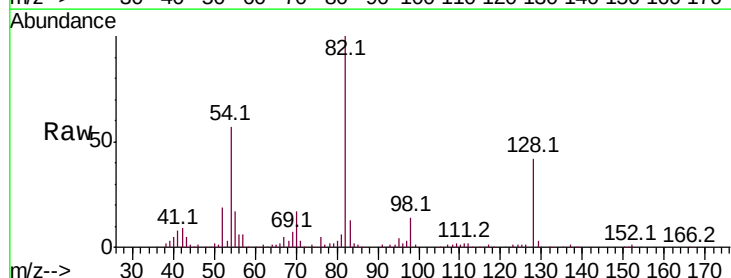


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

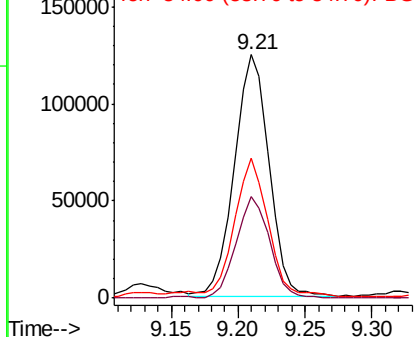
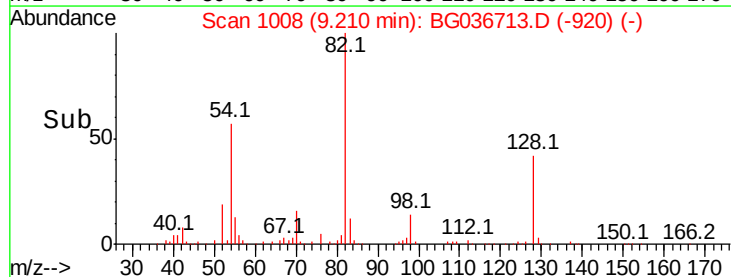


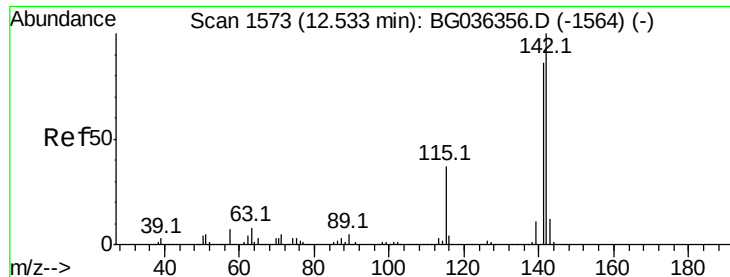
#23
Nitrobenzene-d5
Concen: 59.217 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Tgt Ion: 82	Resp:	224370
Ion	Ratio	Lower Upper
82	100	
128	41.6	33.3 49.9
54	57.4	45.1 67.7



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

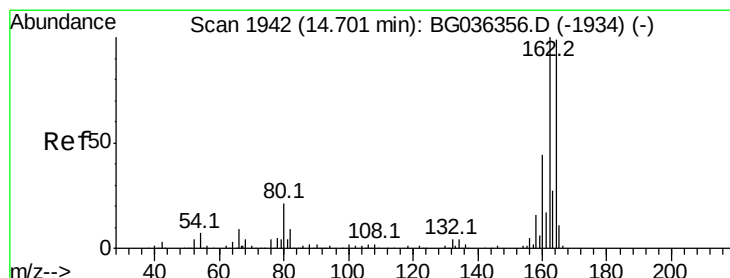
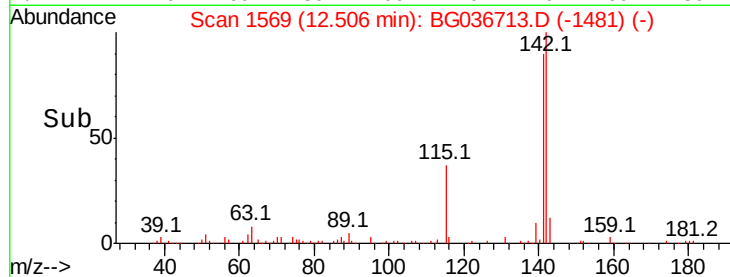
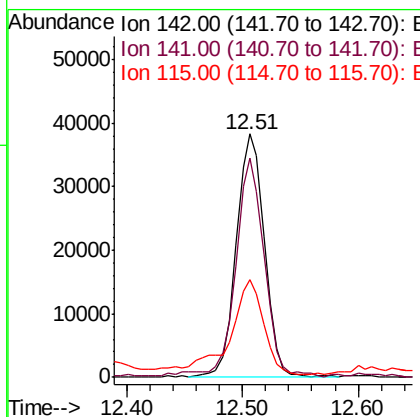
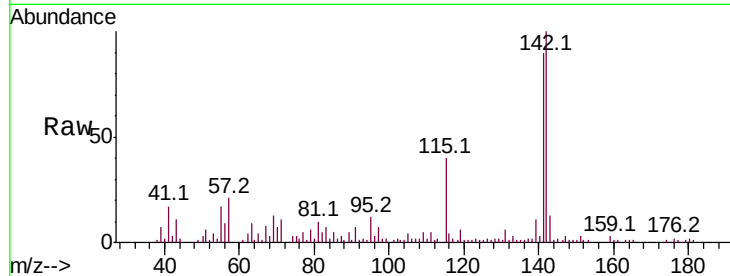




#37
 2-Methylnaphthalene
 Concen: 8.591 ng
 RT: 12.51 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BG036713.D
 Acq: 14 Sep 2018 20:00

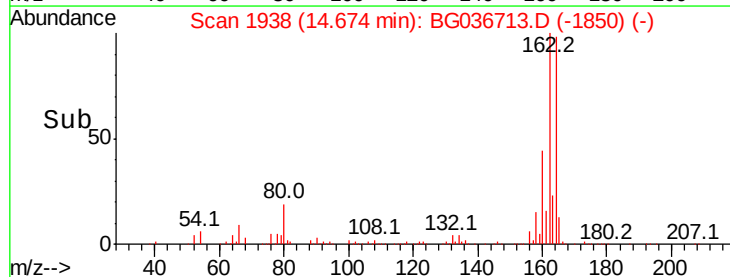
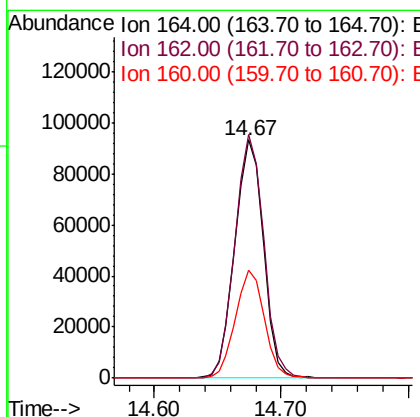
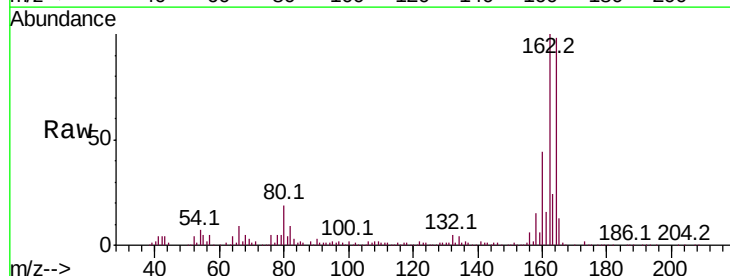
Instrument :
 BNA_G
 ClientSampled :
 SP-PIT-9

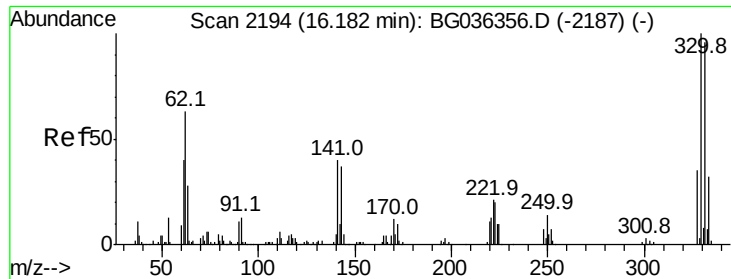
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	68.5	102.7
115	40.2	29.8	44.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036713.D
 Acq: 14 Sep 2018 20:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.7	121.1
160	45.0	35.3	52.9

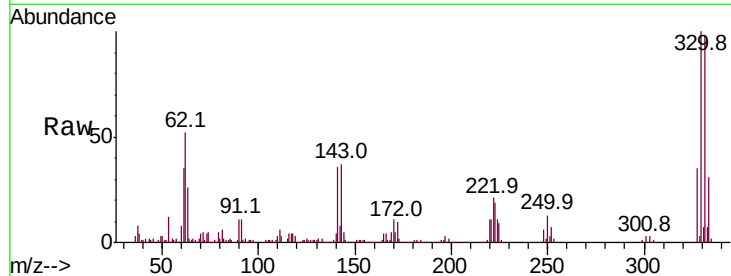




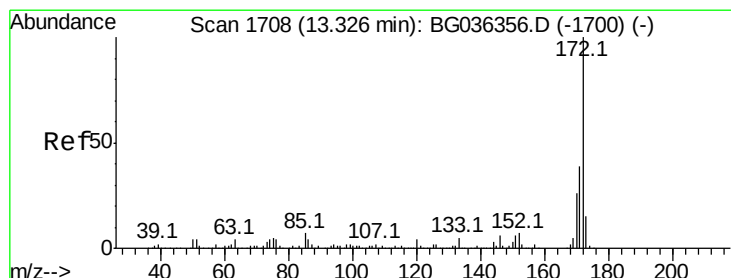
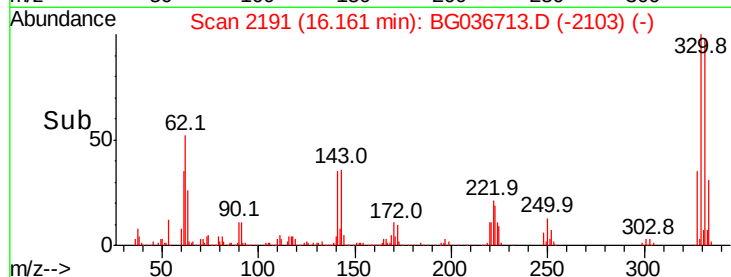
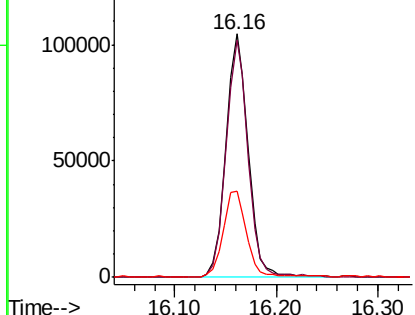
#41
 2,4,6-Tribromophenol
 Concen: 92.107 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036713.D
 Acq: 14 Sep 2018 20:00

Instrument :
 BNA_G
 ClientSampled :
 SP-PIT-9

Tot Ion:330 Resp: 159389
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.4 113.2
 141 36.4 30.7 46.1

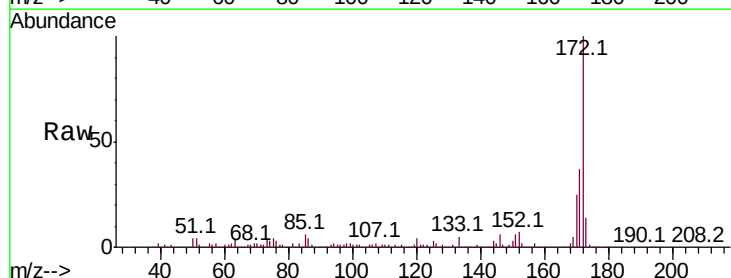


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

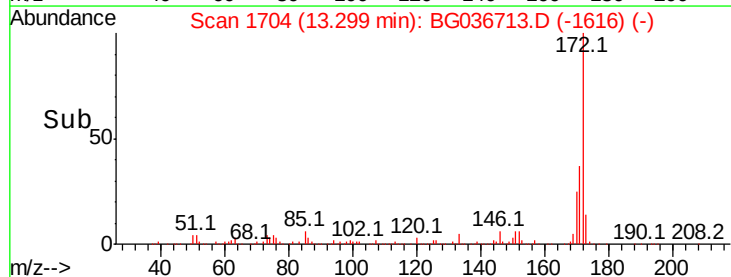
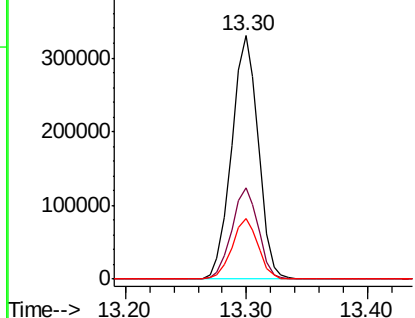


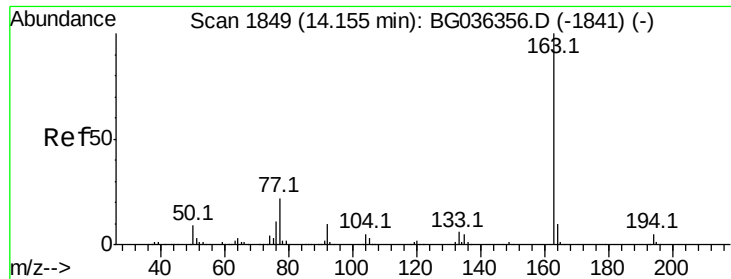
#44
 2-Fluorobiphenyl
 Concen: 49.923 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036713.D
 Acq: 14 Sep 2018 20:00

Tgt Ion:172 Resp: 507078
 Ion Ratio Lower Upper
 172 100
 171 37.5 31.3 46.9
 170 24.9 21.0 31.6



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

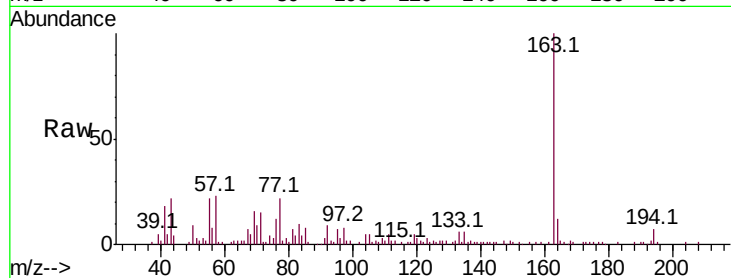




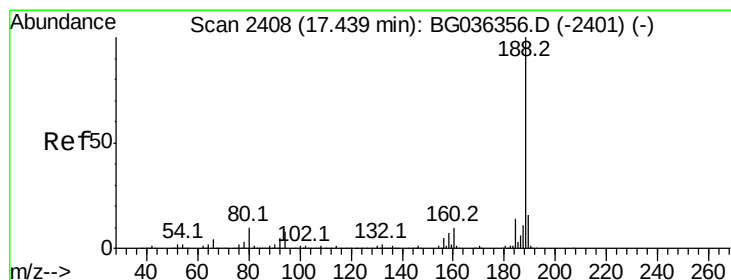
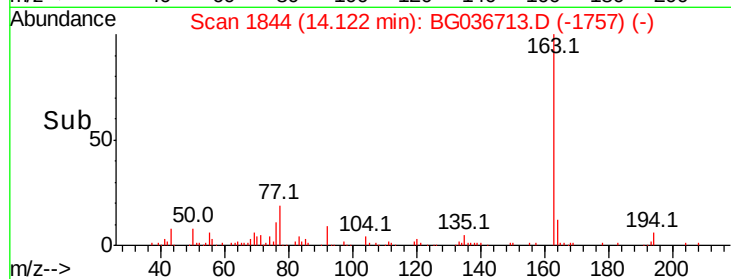
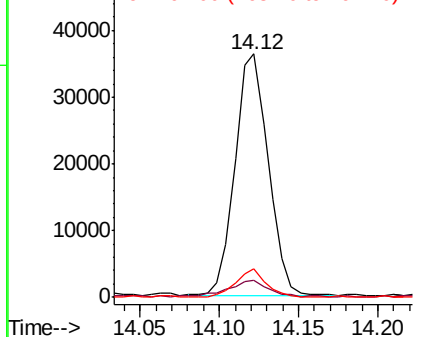
#49
Dimethylphthalate
Concen: 4.440 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Instrument :
BNA_G
ClientSampleId :
SP-PIT-9

Tot Ion:163 Resp: 52581
Ion Ratio Lower Upper
163 100
194 7.0 4.0 6.0#
164 11.5 8.1 12.1

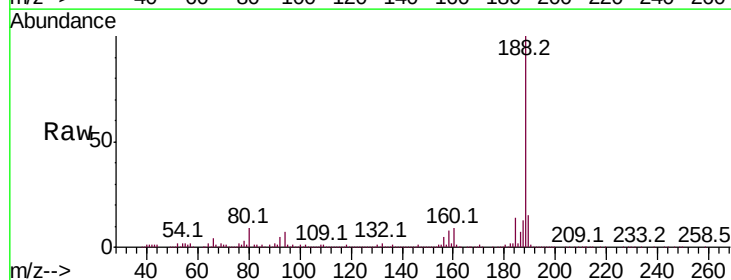


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

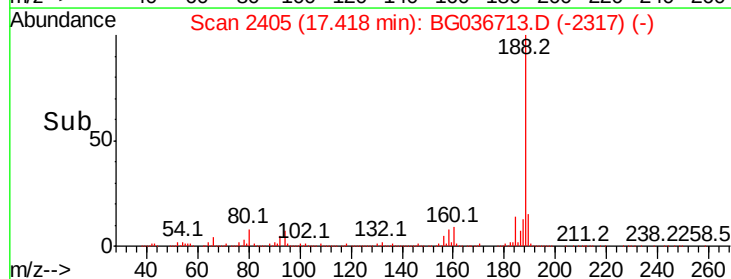
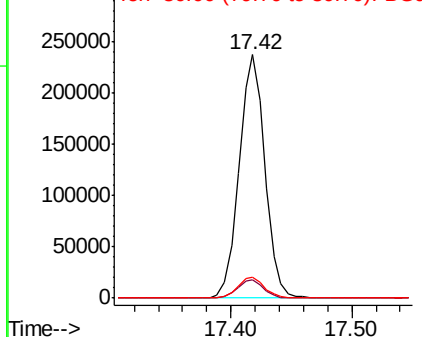


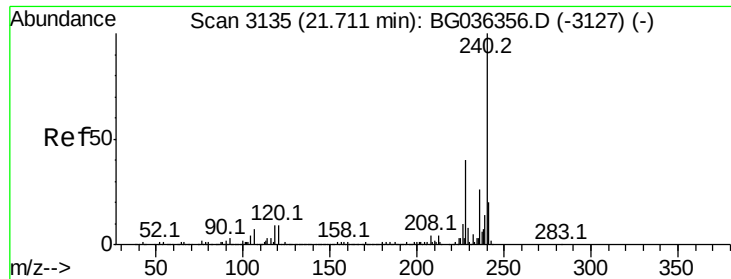
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Tgt Ion:188 Resp: 352548
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 8.5 8.1 12.1



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036713.D

Acq: 14 Sep 2018 20:00

Instrument :

BNA_G

ClientSampled :

SP-PIT-9

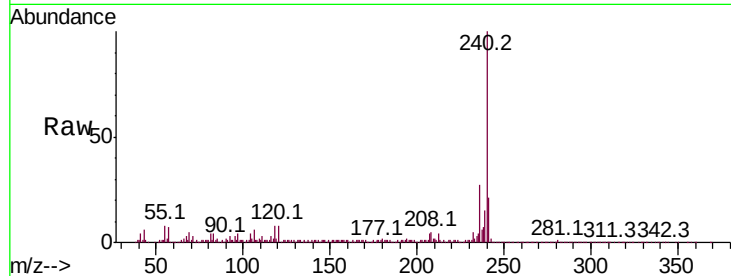
Tot Ion:240 Resp: 338747

Ion Ratio Lower Upper

240 100

120 7.8 6.9 10.3

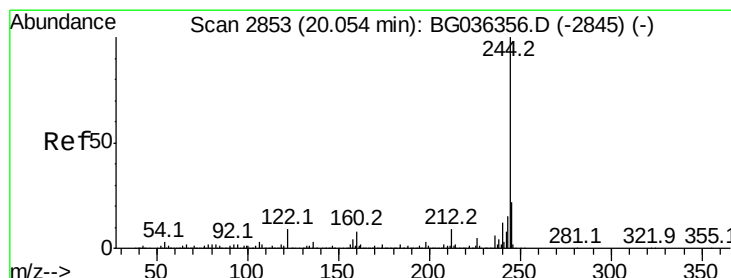
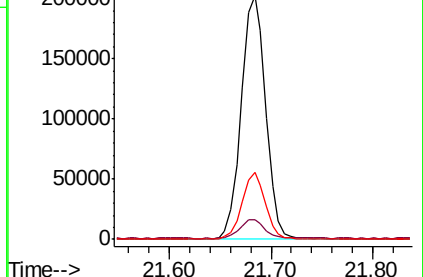
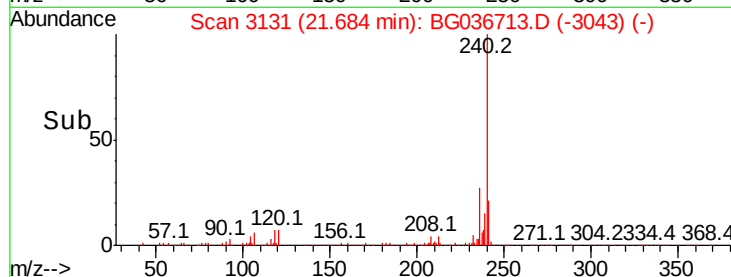
236 27.4 21.2 31.8



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



#78

Terphenyl-d14

Concen: 55.634 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036713.D

Acq: 14 Sep 2018 20:00

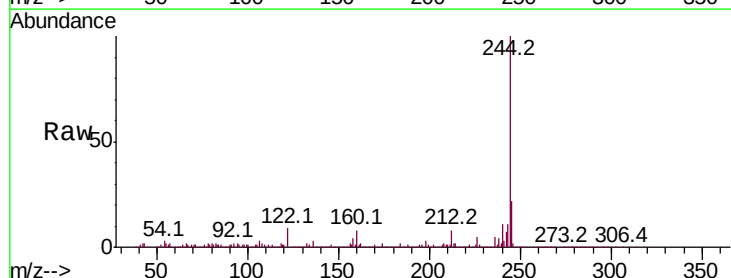
Tgt Ion:244 Resp: 806296

Ion Ratio Lower Upper

244 100

212 7.7 7.0 10.6

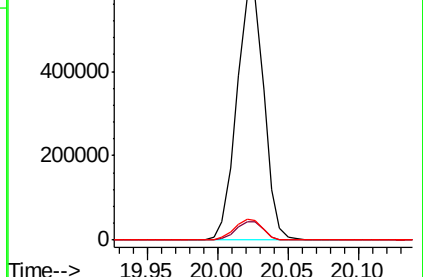
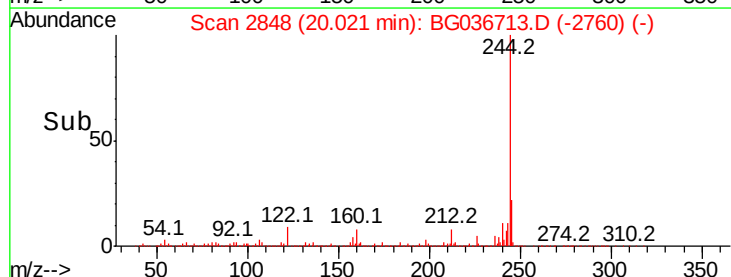
122 8.8 7.1 10.7

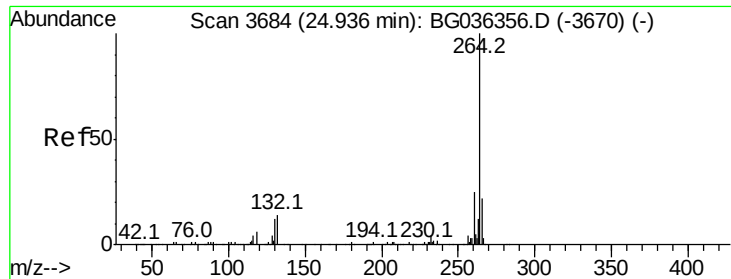


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

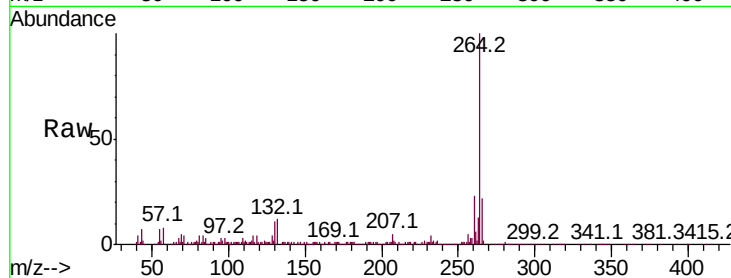




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Instrument :
BNA_G
ClientSampleId :
SP-PIT-9

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.6	29.4
265	21.5	17.4	26.0



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

