

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111918\
 Data File : BG038072.D
 Acq On : 19 Nov 2018 21:20
 Operator : JU/SJ
 Sample : J5954-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWS-1

Quant Time: Nov 20 02:56:36 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

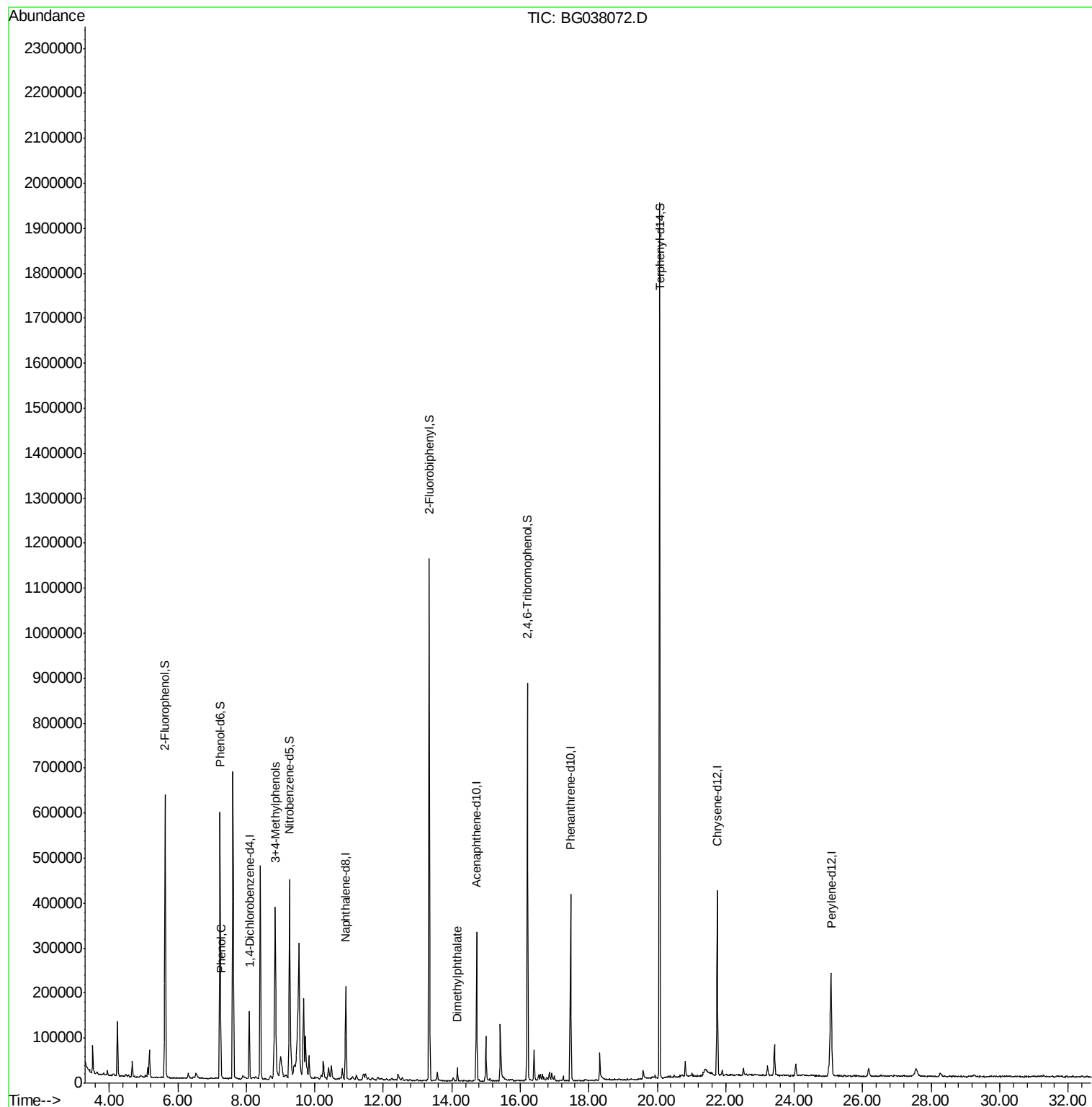
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	44102	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	182774	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	117630	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	263440	20.00	ng	0.00
76) Chrysene-d12	21.75	240	248224	20.00	ng	0.00
87) Perylene-d12	25.07	264	256658	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	288782	113.06	ng	0.00
7) Phenol-d6	7.23	99	370313	101.56	ng	0.00
23) Nitrobenzene-d5	9.26	82	272677	79.86	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	156638	116.76	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	622404	77.08	ng	0.00
79) Terphenyl-d14	20.07	244	928118	87.98	ng	0.00
Target Compounds						
10) Phenol	7.26	94	10342	2.678	ng	92
20) 3+4-Methylphenols	8.85	107	103890	28.067	ng	88
50) Dimethylphthalate	14.16	163	21064	2.259	ng	# 97

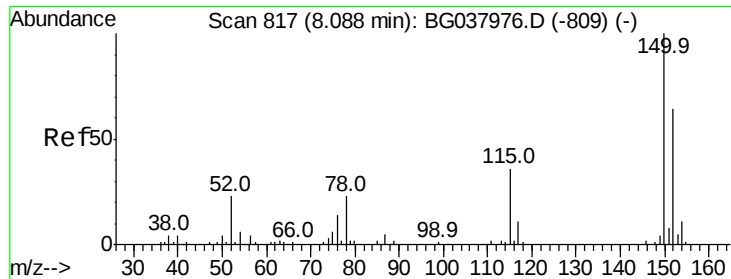
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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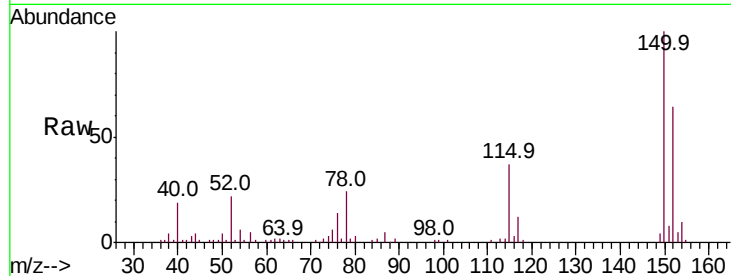


#1

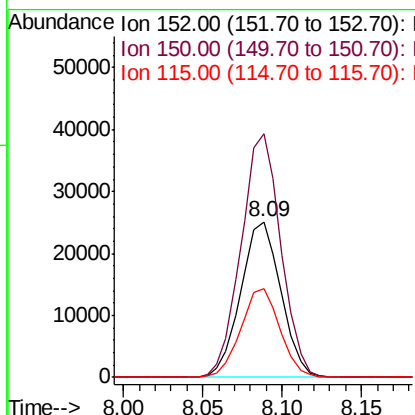
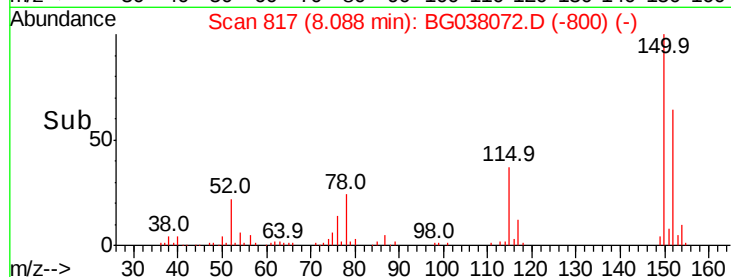
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038072.D
Acq: 19 Nov 2018 21:20

Instrument :
BNA_G
ClientSampleId :
OWS-1

Tot Ion:152 Resp: 44102
Ion Ratio Lower Upper
152 100
150 156.5 126.0 189.0
115 57.3 45.5 68.3



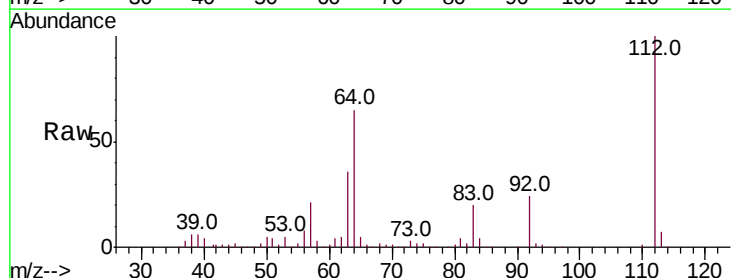
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



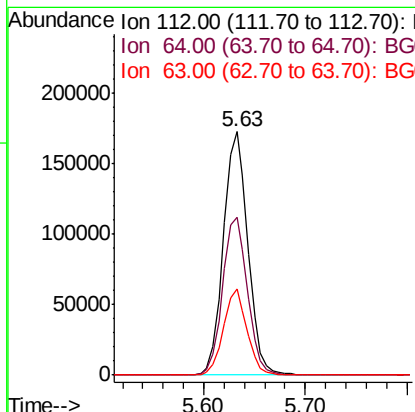
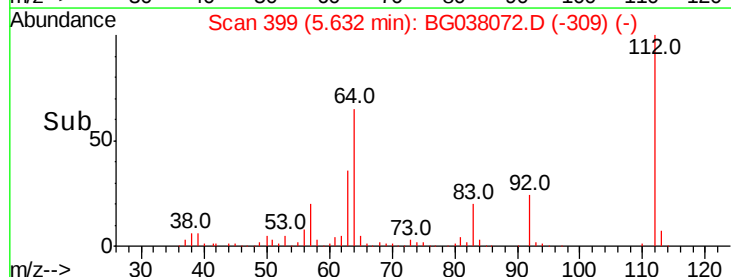
#5

2-Fluorophenol
Concen: 113.056 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038072.D
Acq: 19 Nov 2018 21:20

Tgt Ion:112 Resp: 288782
Ion Ratio Lower Upper
112 100
64 64.9 53.1 79.7
63 35.5 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: 101.563 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038072.D

Acq: 19 Nov 2018 21:20

Instrument :

BNA_G

ClientSampleId :

OWS-1

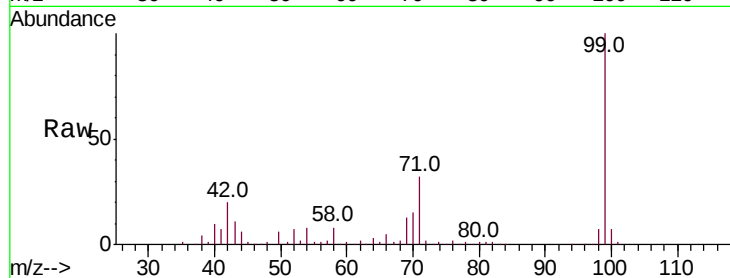
Tot Ion: 99 Resp: 370313

Ion Ratio Lower Upper

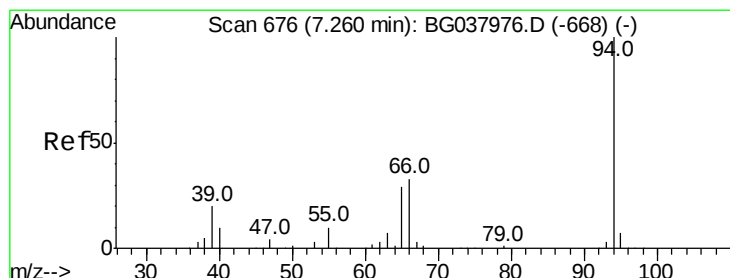
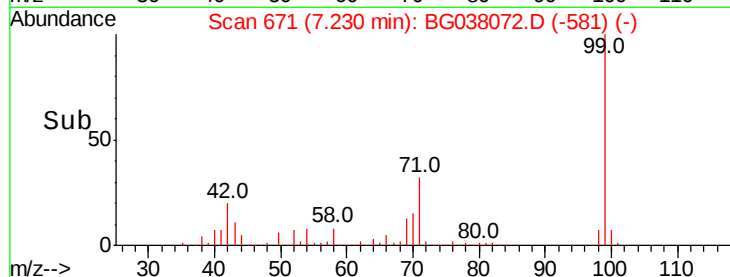
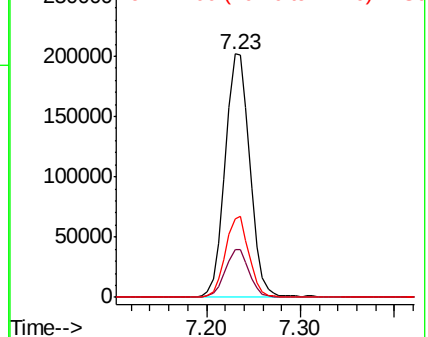
99 100

42 19.6 15.0 22.4

71 32.2 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



#10

Phenol

Concen: 2.678 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038072.D

Acq: 19 Nov 2018 21:20

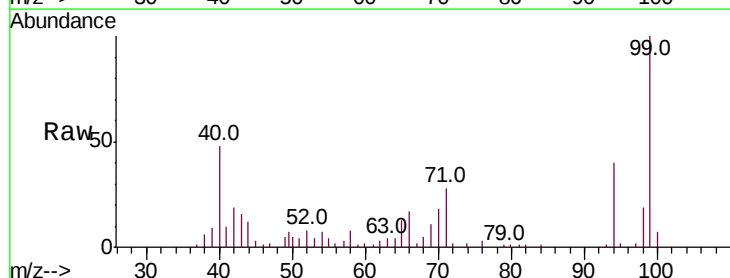
Tgt Ion: 94 Resp: 10342

Ion Ratio Lower Upper

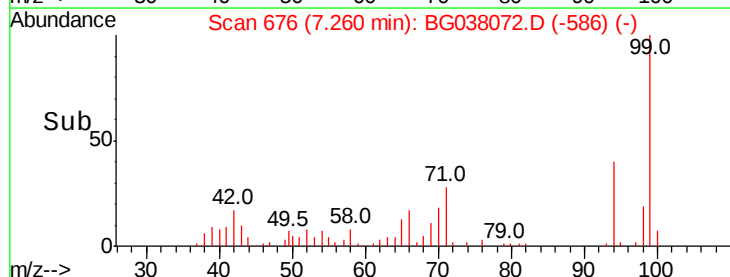
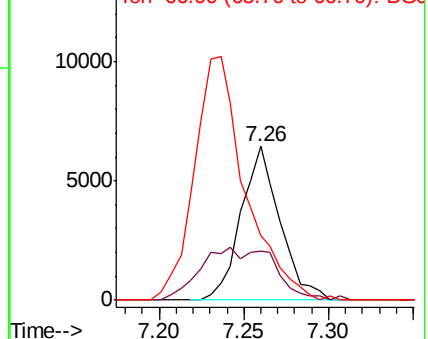
94 100

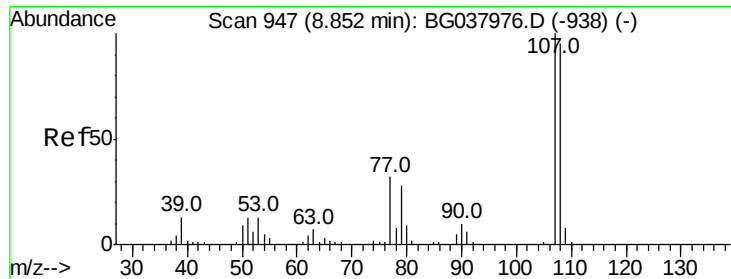
65 32.2 9.7 49.7

66 42.3 15.9 55.9



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





#20

3+4-Methylphenols

Concen: 28.067 ng

RT: 8.85 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG038072.D

Acq: 19 Nov 2018 21:20

Instrument :

BNA_G

ClientSampleId :

OWS-1

Tot Ion:107 Resp: 103890

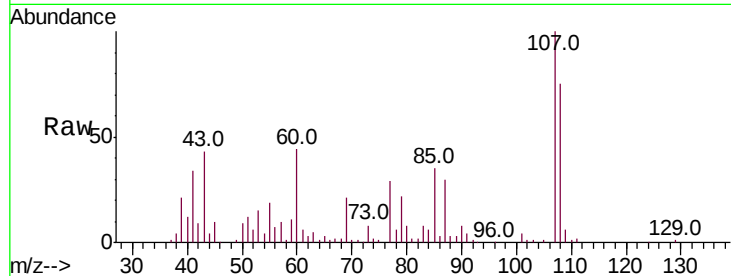
Ion Ratio Lower Upper

107 100

108 74.8 69.9 109.9

77 29.0 11.2 51.2

79 21.6 6.6 46.6

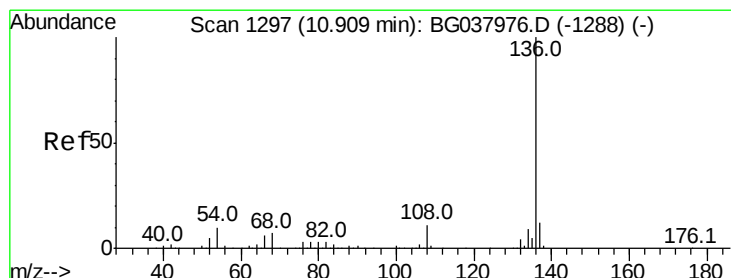
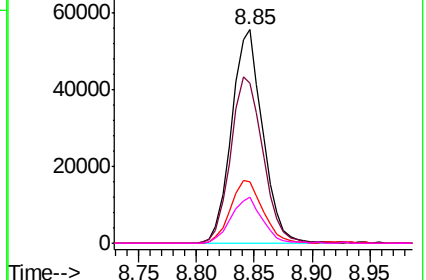
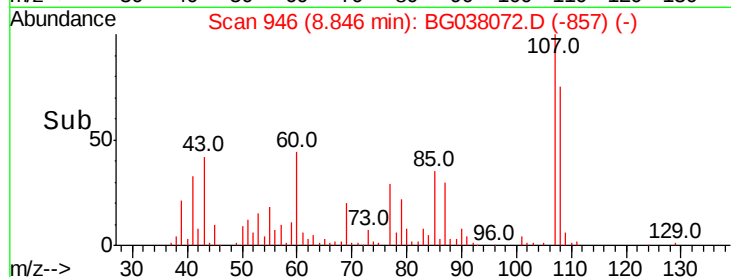


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG038072.D

Acq: 19 Nov 2018 21:20

Tgt Ion:136 Resp: 182774

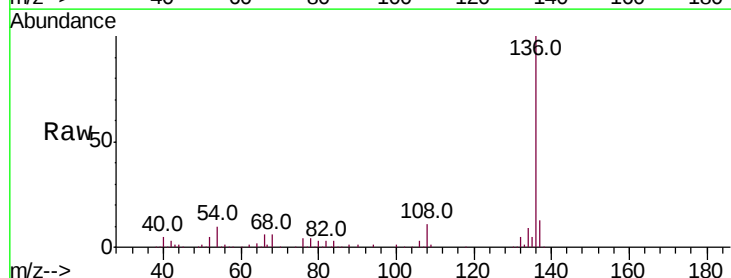
Ion Ratio Lower Upper

136 100

137 12.6 9.6 14.4

54 10.3 7.9 11.9

68 6.2 4.8 7.2

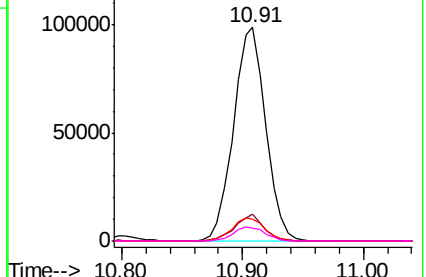
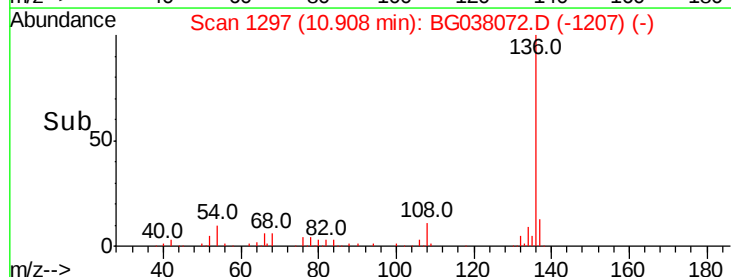


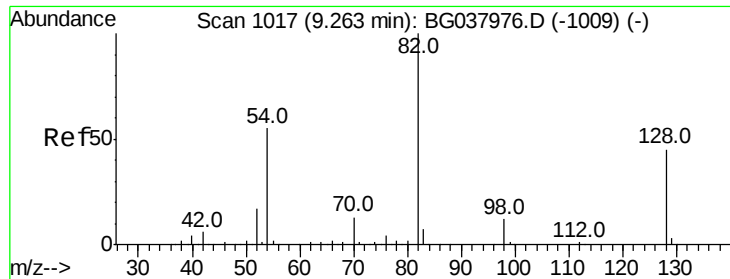
Abundance Ion 136.00 (135.70 to 136.70): E

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

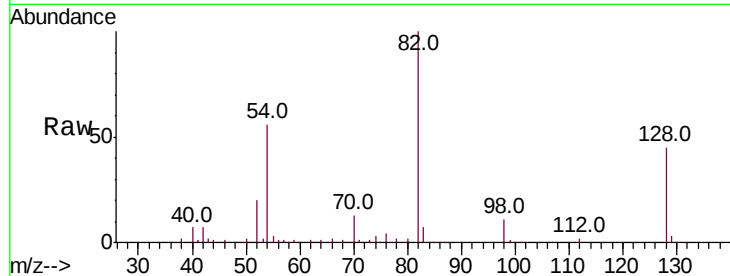




#23
Nitrobenzene-d5
Concen: 79.861 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038072.D
Acq: 19 Nov 2018 21:20

Instrument :
BNA_G
ClientSampled :
OWS-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.6	51.8
54	55.8	45.3	67.9

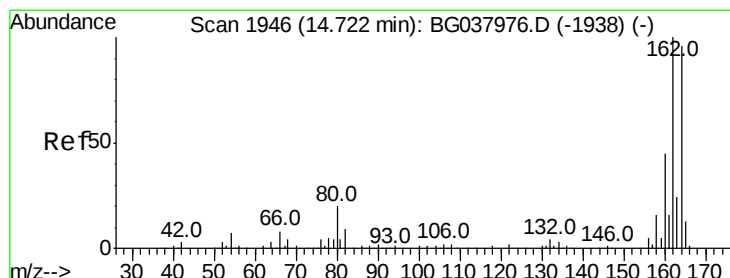
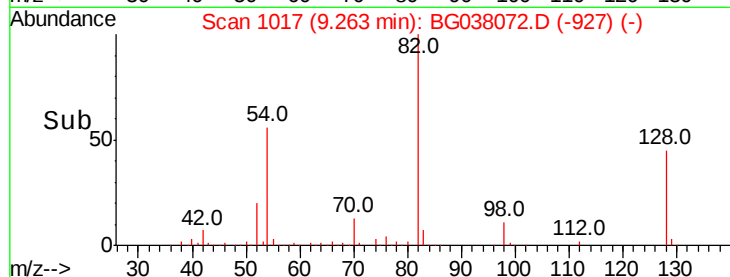
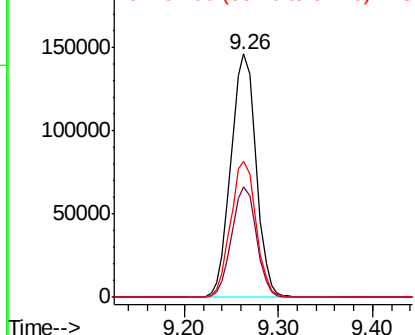


Abundance

Ion 82.00 (81.70 to 82.70): BGC

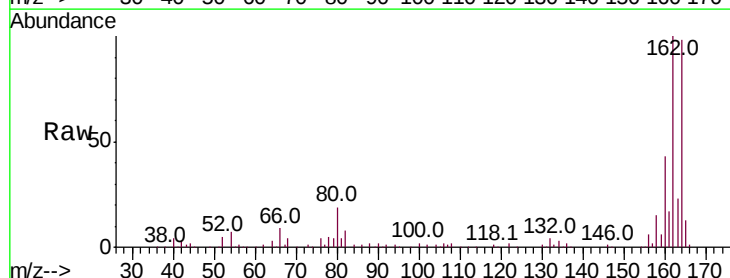
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG038072.D
Acq: 19 Nov 2018 21:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.3	121.9
160	43.7	36.3	54.5

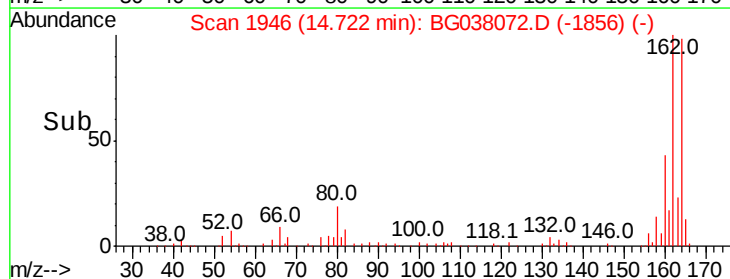
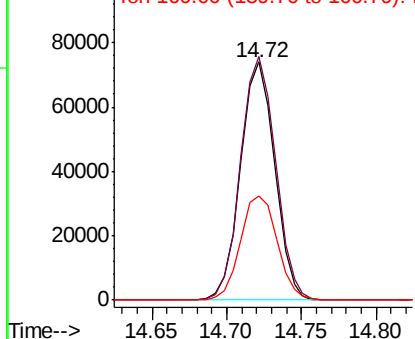


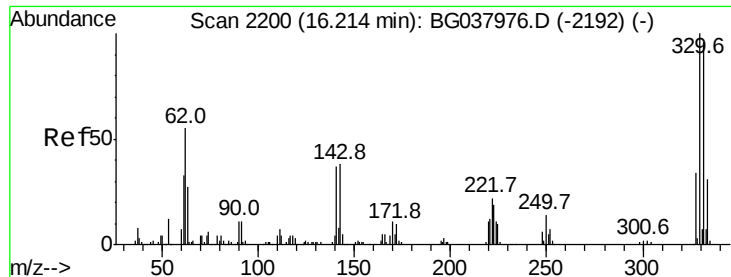
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

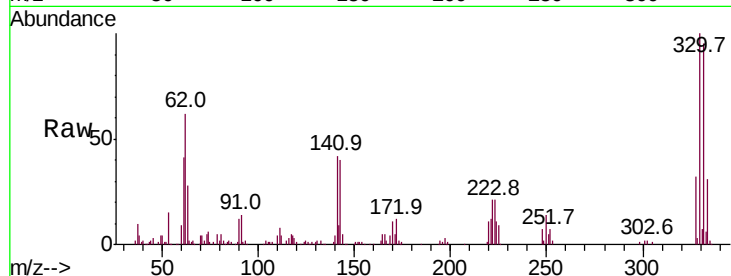




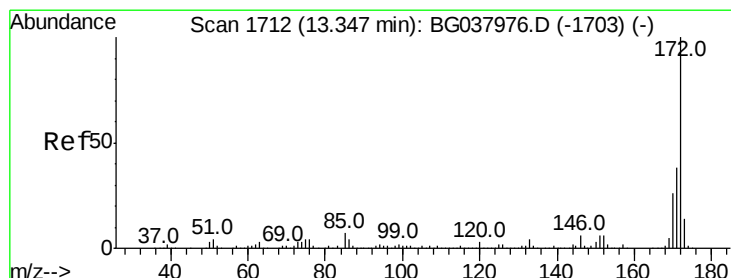
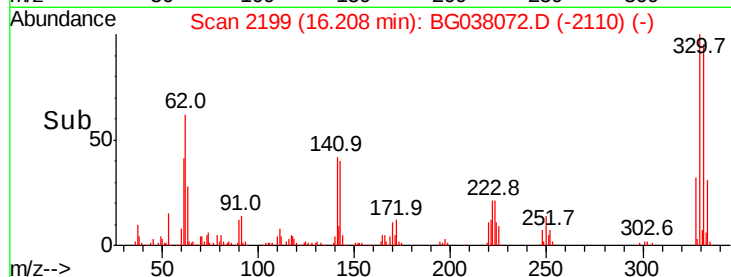
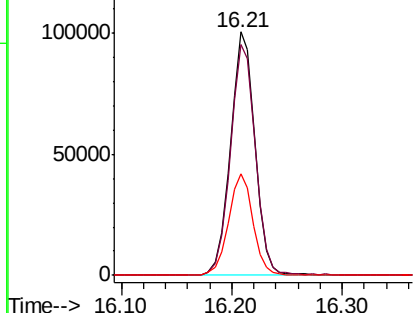
#42
 2,4,6-Tribromophenol
 Concen: 116.760 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038072.D
 Acq: 19 Nov 2018 21:20

Instrument :
 BNA_G
 ClientSampleId :
 OWS-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.4	117.6
141	41.5	32.2	48.2

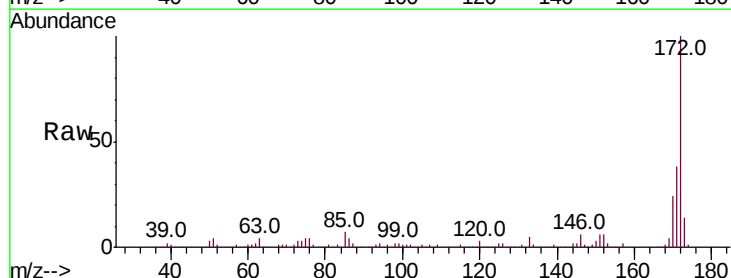


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

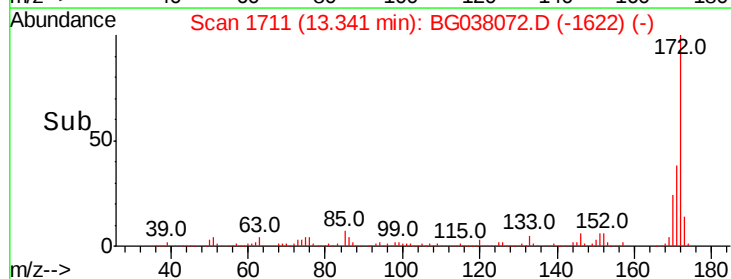
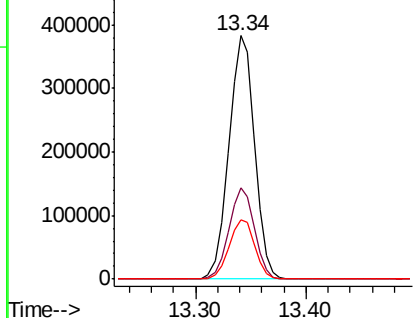


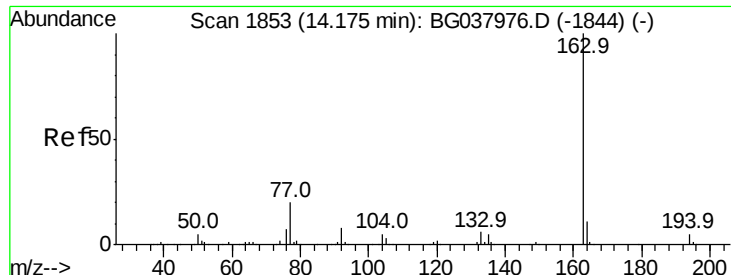
#45
 2-Fluorobiphenyl
 Concen: 77.085 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038072.D
 Acq: 19 Nov 2018 21:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.0	46.4
170	24.2	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





#50

Dimethylphthalate

Concen: 2.259 ng

RT: 14.16 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG038072.D

Acq: 19 Nov 2018 21:20

Instrument :

BNA_G

ClientSampleId :

OWS-1

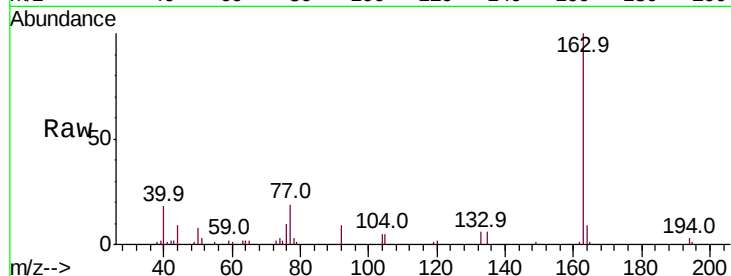
Tot Ion:163 Resp: 21064

Ion Ratio Lower Upper

163 100

194 3.4 3.5 5.3#

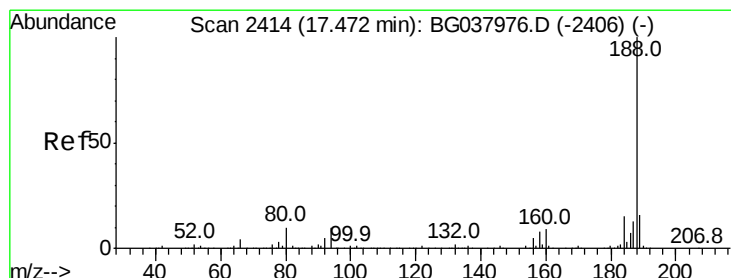
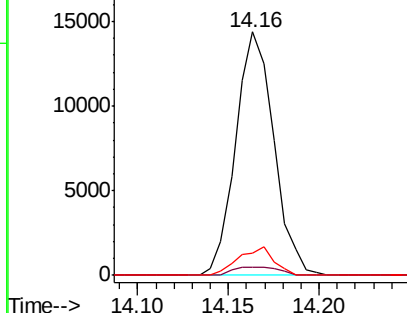
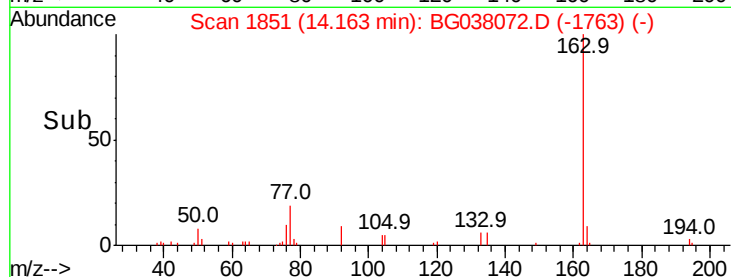
164 9.3 8.5 12.7



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG038072.D

Acq: 19 Nov 2018 21:20

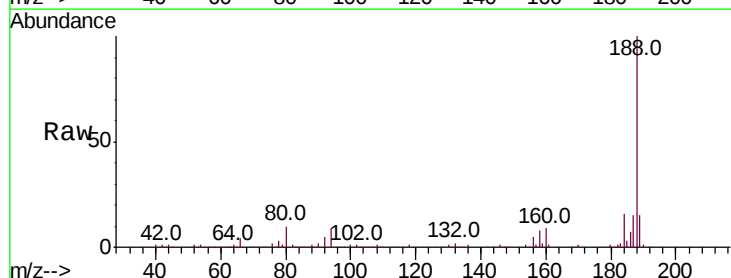
Tgt Ion:188 Resp: 263440

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

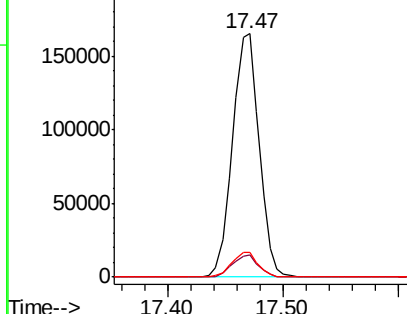
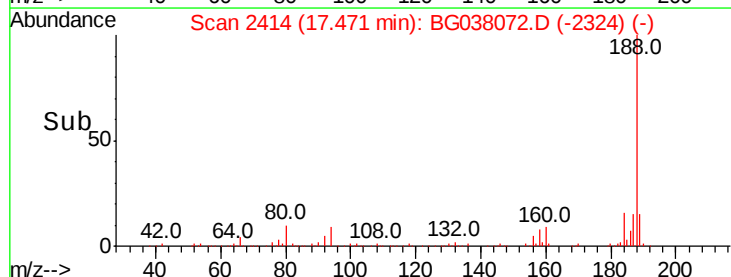
80 10.1 7.7 11.5

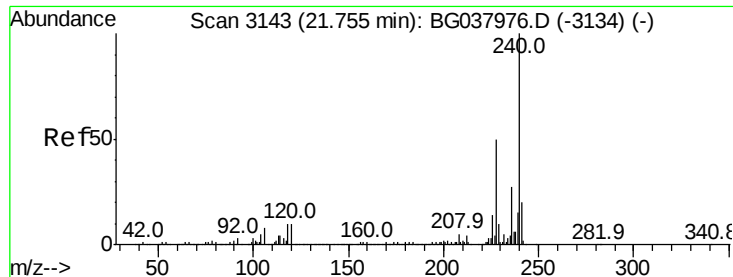


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG038072.D

Acq: 19 Nov 2018 21:20

Instrument :

BNA_G

ClientSampleId :

OWS-1

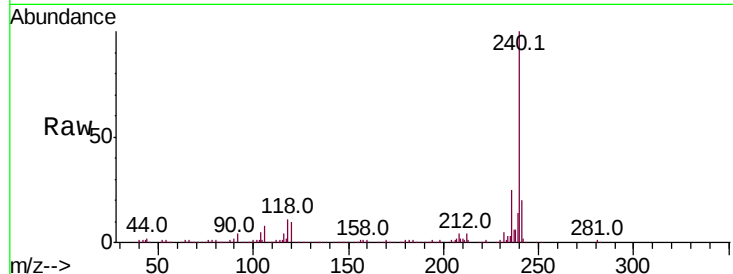
Tot Ion:240 Resp: 248224

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

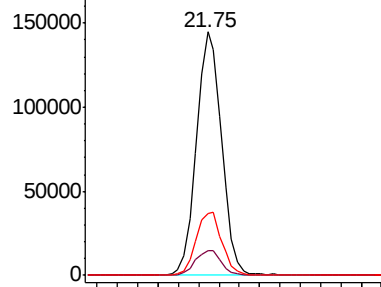
236 25.5 21.4 32.0



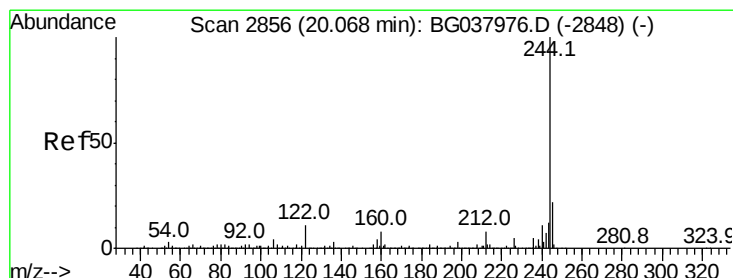
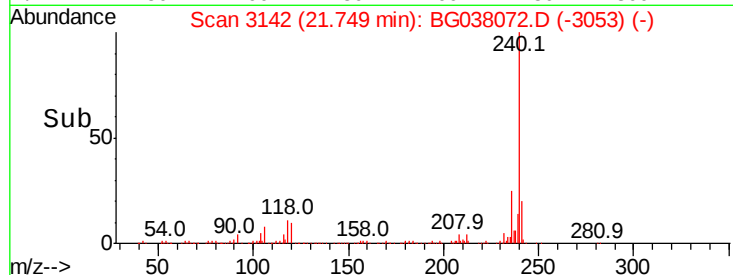
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#79

Terphenyl-d14

Concen: 87.980 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038072.D

Acq: 19 Nov 2018 21:20

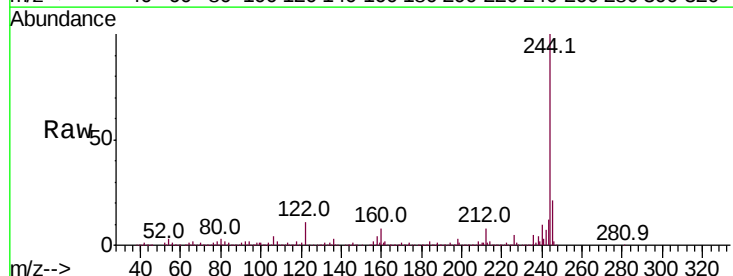
Tgt Ion:244 Resp: 928118

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

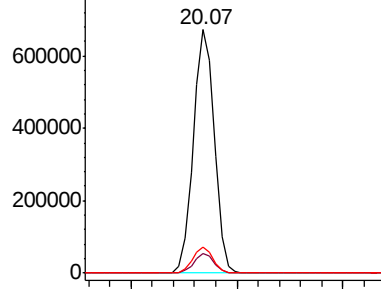
122 10.7 9.0 13.4



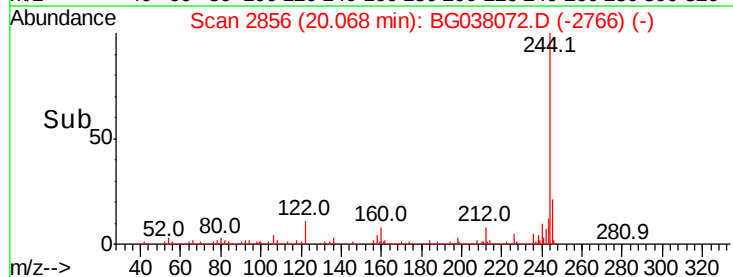
Abundance Ion 244.00 (243.70 to 244.70): E

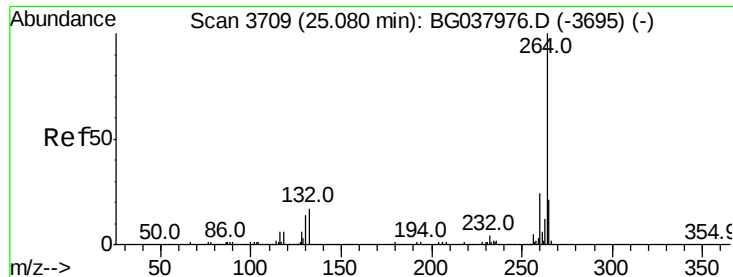
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.01 min
Lab File: BG038072.D
Acq: 19 Nov 2018 21:20

Instrument :
BNA_G
ClientSampleId :
OWS-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.2	27.4
265	21.2	17.9	26.9

