

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012518\
 Data File : BG032309.D
 Acq On : 26 Jan 2018 00:56
 Operator : SJ/JU
 Sample : J1289-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-10-9.5-10.0

Quant Time: Jan 26 03:38:39 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

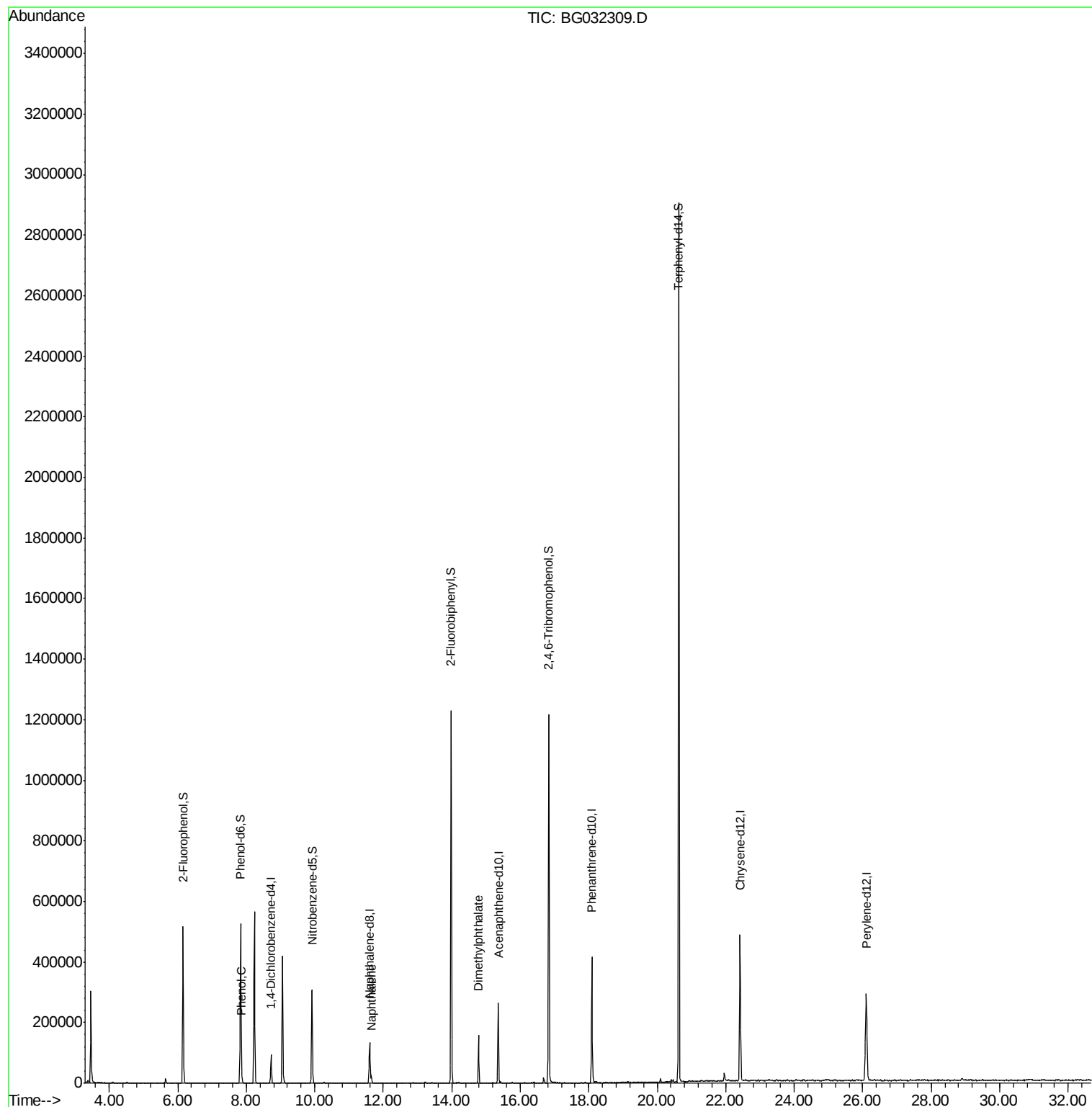
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	32643	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	129934	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	102899	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	299480	20.00	ng	0.00
75) Chrysene-d12	22.42	240	362893	20.00	ng	0.00
86) Perylene-d12	26.10	264	391624	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	248499	139.23	ng	0.00
7) Phenol-d6	7.84	99	318264	141.59	ng	0.00
23) Nitrobenzene-d5	9.92	82	196409	102.27	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	279742	164.29	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	709059	85.44	ng	0.00
78) Terphenyl-d14	20.63	244	1521870	92.60	ng	0.00
Target Compounds						
10) Phenol	7.87	94	11204	5.060	ng	87
31) Naphthalene	11.65	128	26404	4.102	ng	98
49) Dimethylphthalate	14.78	163	117475	13.046	ng	# 95

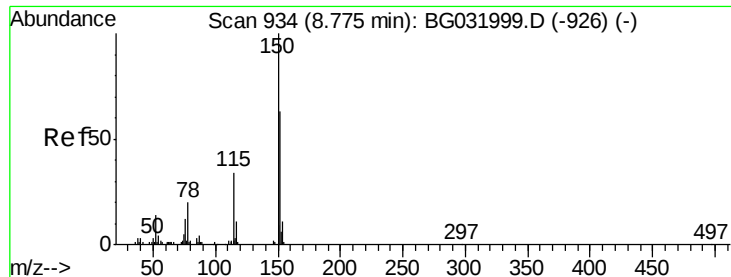
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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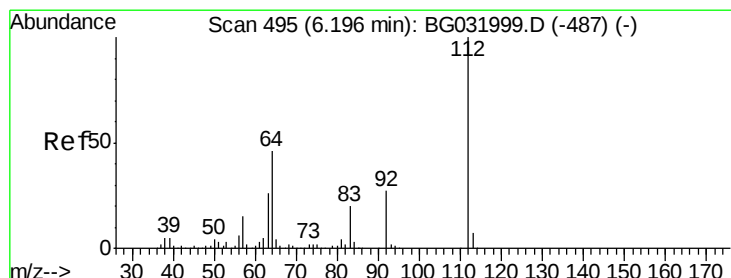
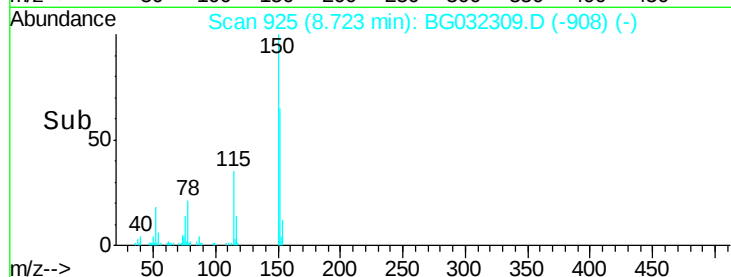
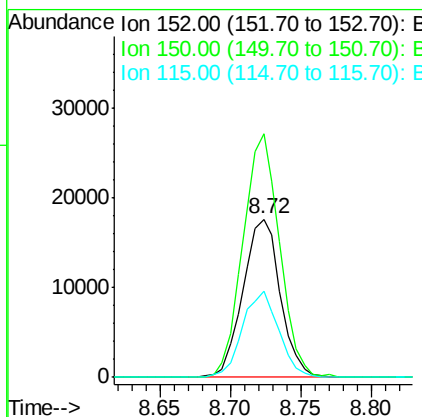
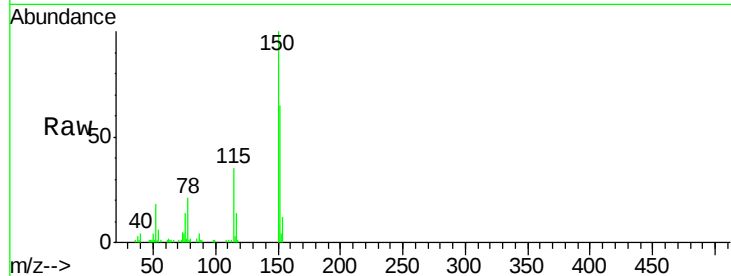


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG032309.D
Acq: 26 Jan 2018 00:56

Instrument :
BNA_G
ClientSampleId :
SB-10-9.5-10.0

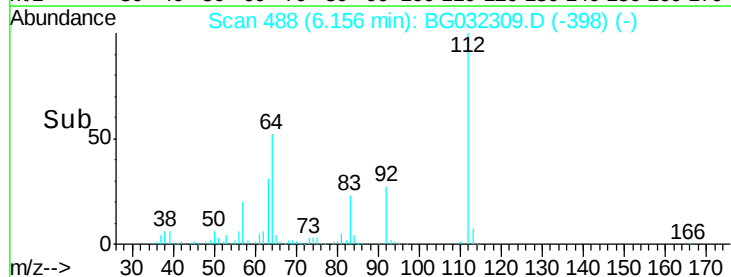
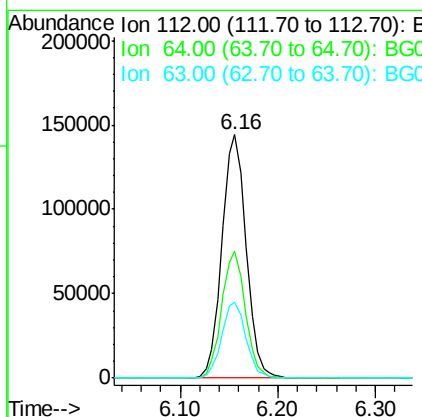
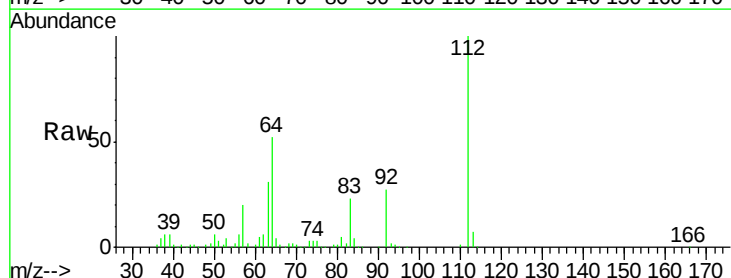
Tot Ion:152 Resp: 32643
Ion Ratio Lower Upper
152 100
150 154.0 126.6 189.8
115 54.5 53.0 79.4

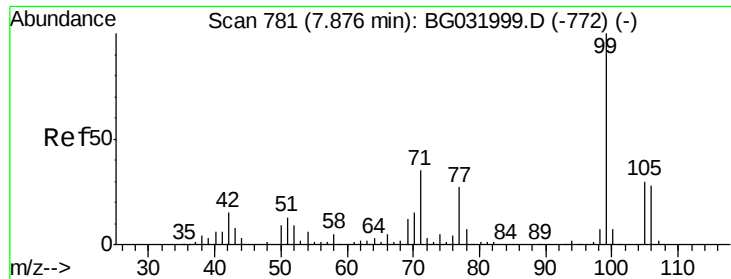


#5

2-Fluorophenol
Concen: 139.230 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032309.D
Acq: 26 Jan 2018 00:56

Tgt Ion:112 Resp: 248499
Ion Ratio Lower Upper
112 100
64 52.4 56.3 84.5#
63 31.0 30.1 45.1





#7

Phenol-d6

Concen: 141.585 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.00 min

Lab File: BG032309.D

Acq: 26 Jan 2018 00:56

Instrument :

BNA_G

ClientSampleId :

SB-10-9.5-10.0

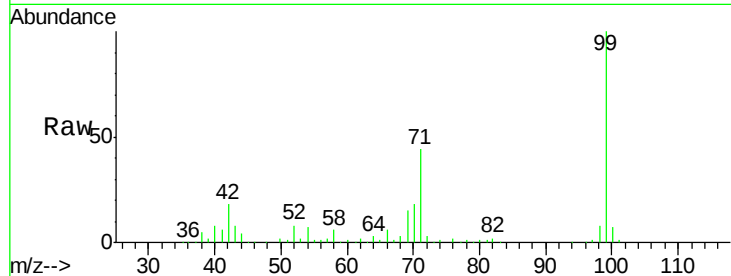
Tot Ion: 99 Resp: 318264

Ion Ratio Lower Upper

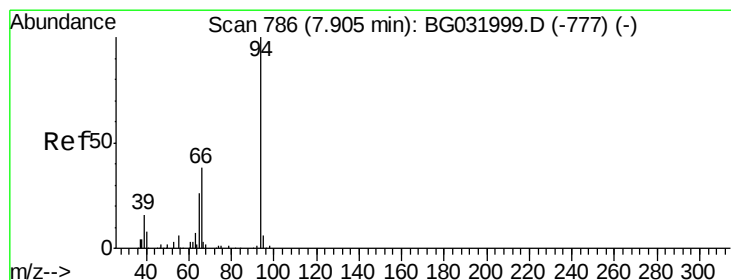
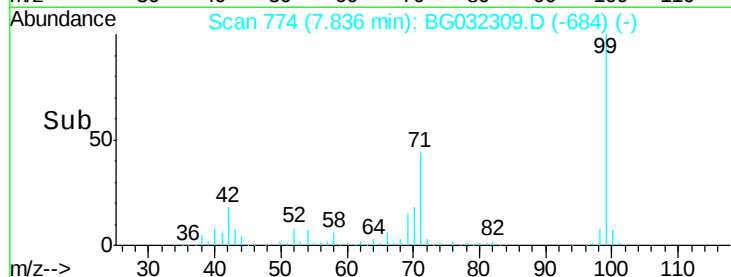
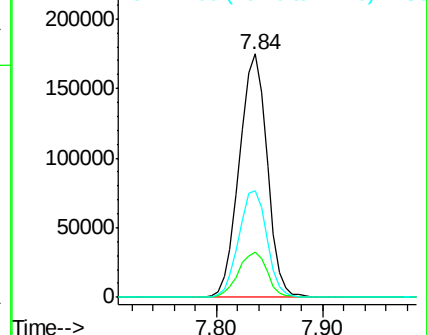
99 100

42 18.4 14.1 21.1

71 43.8 26.1 39.1#



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: 5.060 ng

RT: 7.87 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG032309.D

Acq: 26 Jan 2018 00:56

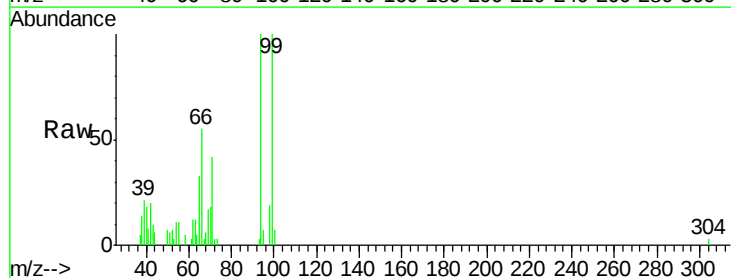
Tgt Ion: 94 Resp: 11204

Ion Ratio Lower Upper

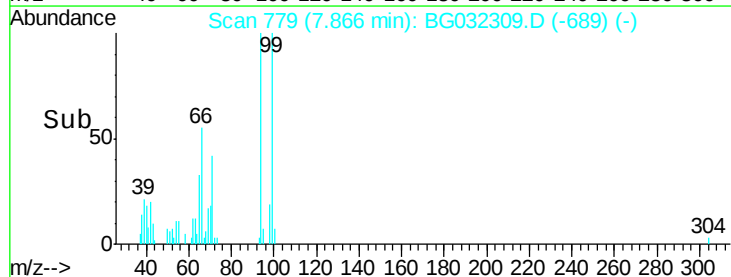
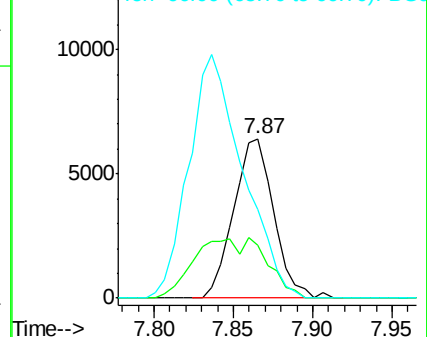
94 100

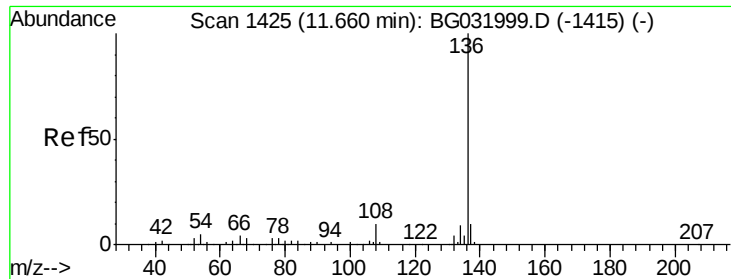
65 32.8 11.9 51.9

66 55.5 22.2 62.2



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

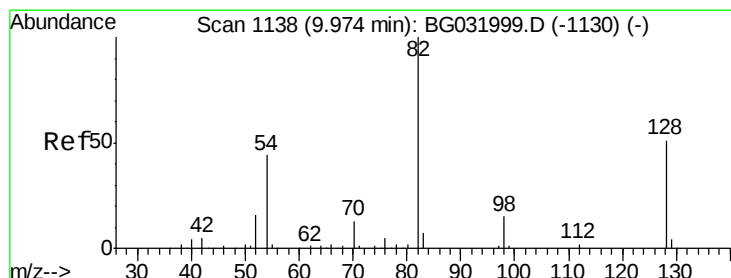
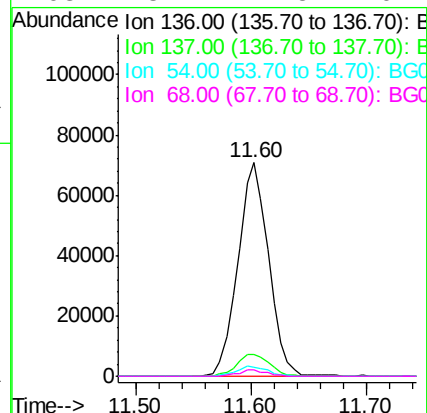
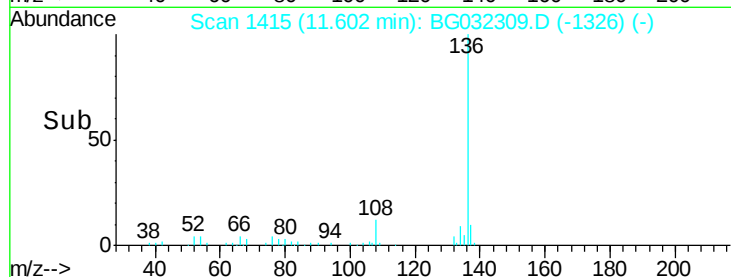
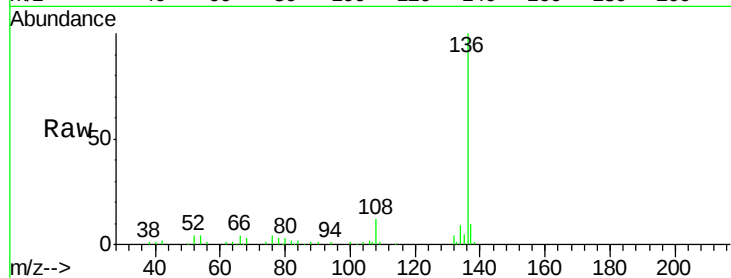




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BG032309.D
Acq: 26 Jan 2018 00:56

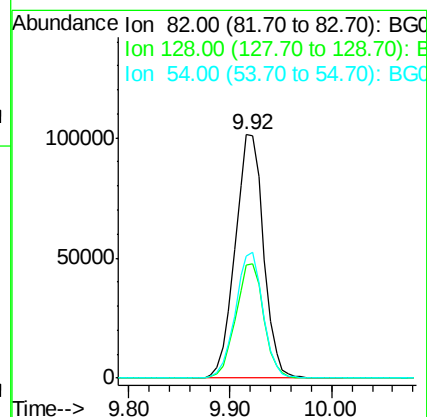
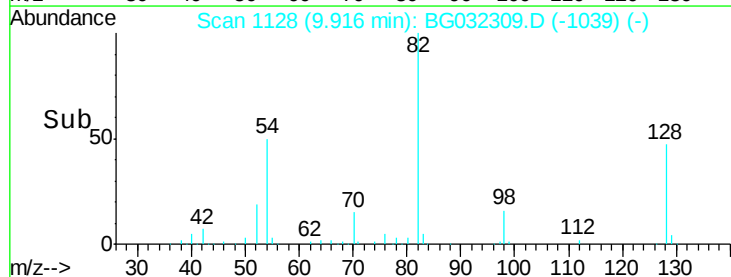
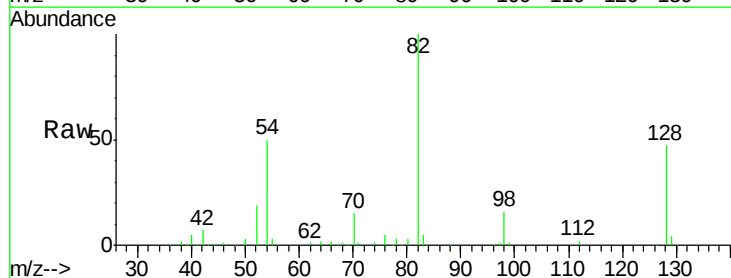
Instrument :
BNA_G
ClientSampleId :
SB-10-9.5-10.0

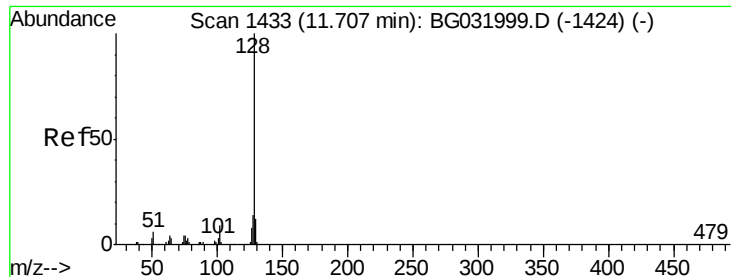
Tot Ion:136	Resp:	129934
Ion	Ratio	Lower Upper
136	100	
137	10.2	9.2 13.8
54	4.2	10.3 15.5#
68	3.1	4.5 6.7#



#23
Nitrobenzene-d5
Concen: 102.267 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BG032309.D
Acq: 26 Jan 2018 00:56

Tgt Ion: 82	Resp:	196409
Ion	Ratio	Lower Upper
82	100	
128	46.6	29.7 44.5#
54	50.2	43.1 64.7

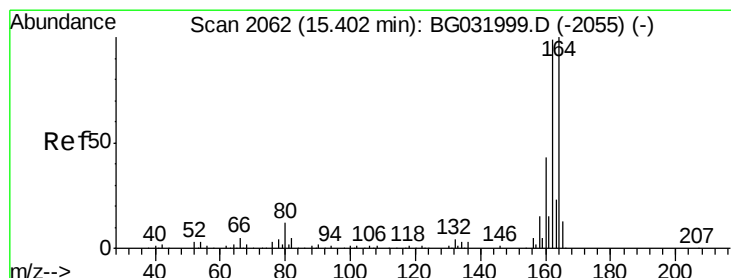
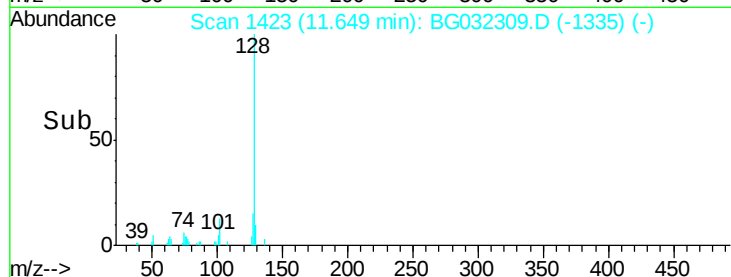
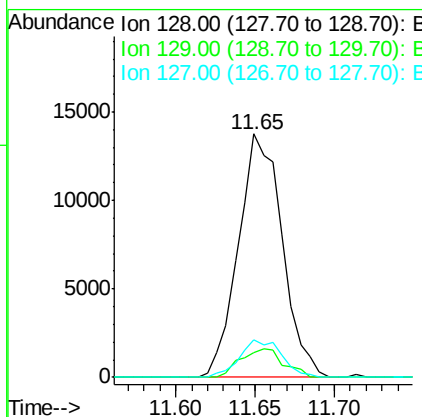
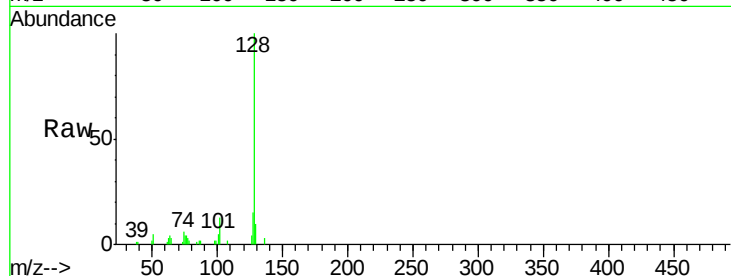




#31
Naphthalene
Concen: 4.102 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032309.D
Acq: 26 Jan 2018 00:56

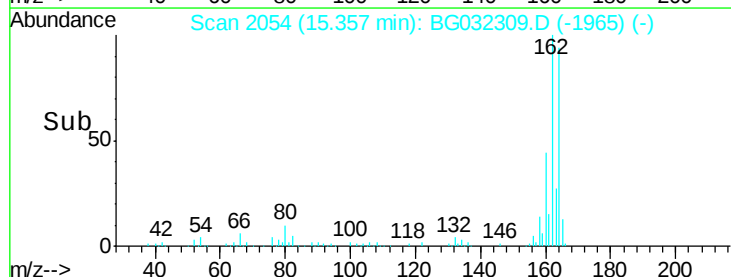
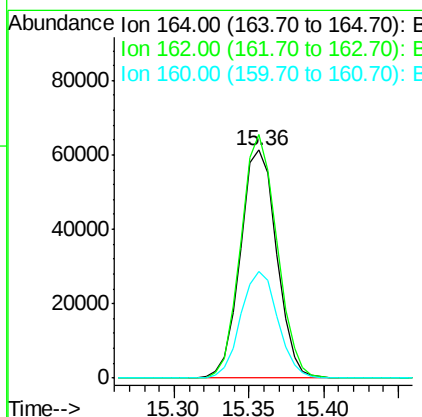
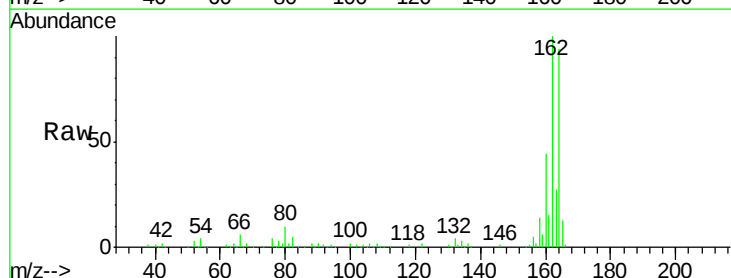
Instrument :
BNA_G
ClientSampleId :
SB-10-9.5-10.0

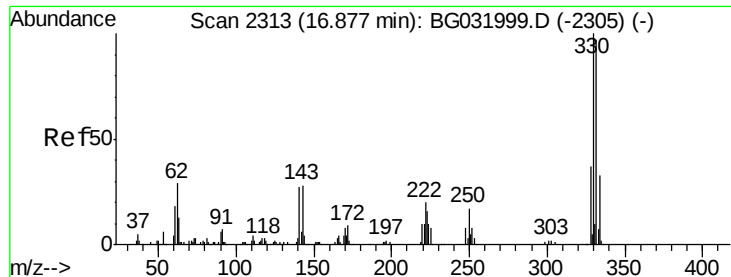
Tot Ion:128 Resp: 26404
Ion Ratio Lower Upper
128 100
129 10.3 8.6 12.8
127 15.4 11.6 17.4



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG032309.D
Acq: 26 Jan 2018 00:56

Tgt Ion:164 Resp: 102899
Ion Ratio Lower Upper
164 100
162 106.7 78.8 118.2
160 46.5 35.4 53.0

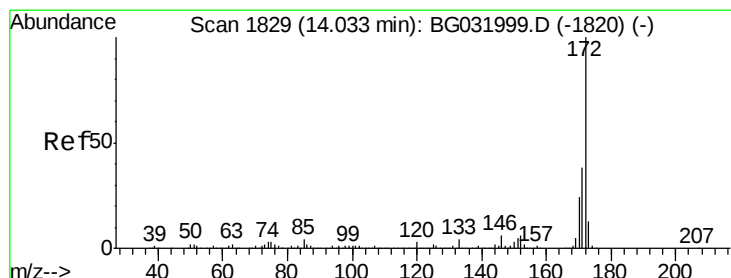
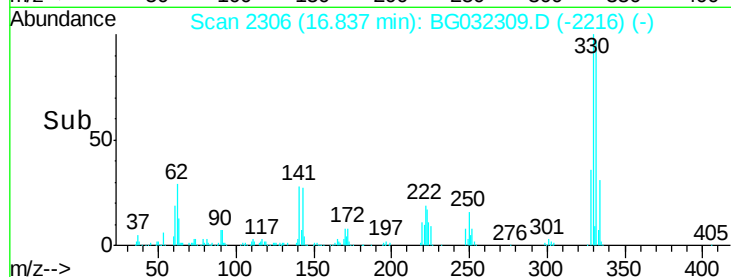
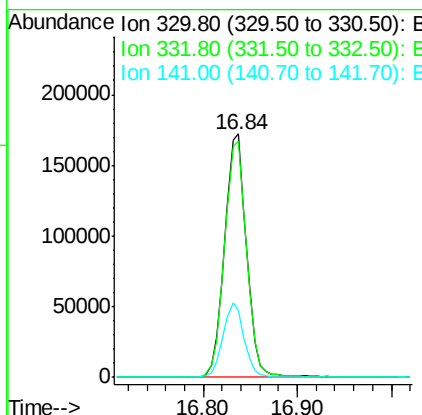
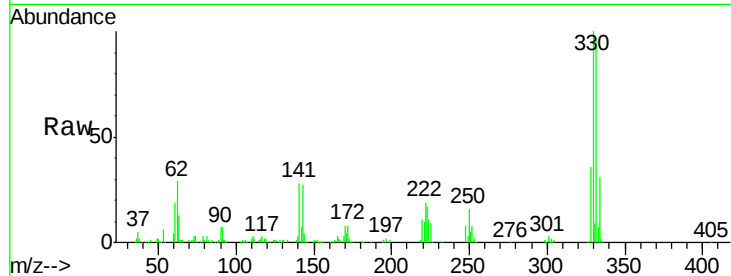




#41
 2,4,6-Tribromophenol
 Concen: 164.290 ng
 RT: 16.84 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: BG032309.D
 Acq: 26 Jan 2018 00:56

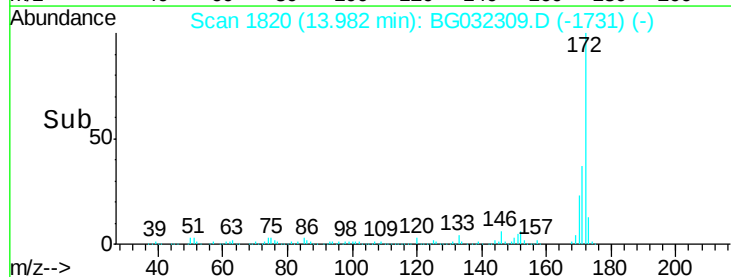
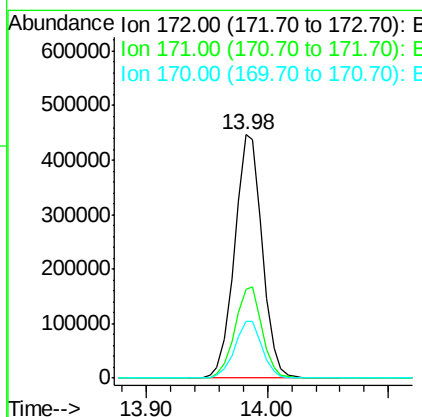
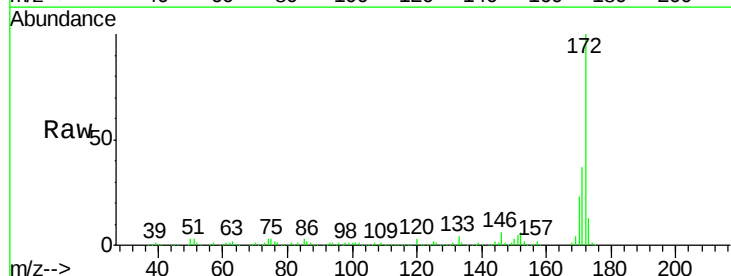
Instrument :
 BNA_G
 ClientSampleId :
 SB-10-9.5-10.0

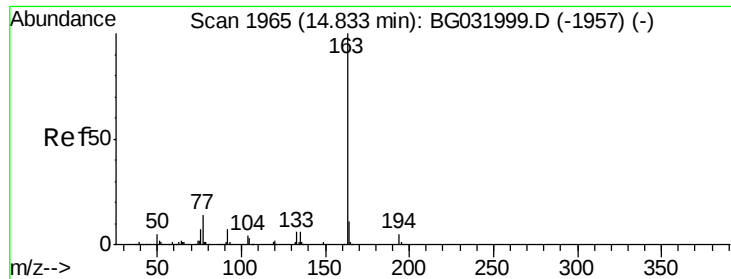
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	29.7	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 85.443 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG032309.D
 Acq: 26 Jan 2018 00:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	23.1	19.5	29.3





#49

Dimethylphthalate

Concen: 13.046 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG032309.D

Acq: 26 Jan 2018 00:56

Instrument :

BNA_G

ClientSampleId :

SB-10-9.5-10.0

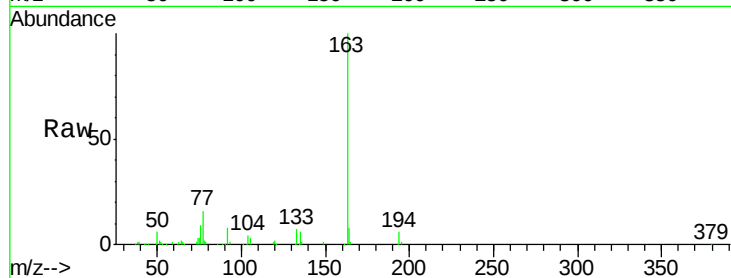
Tot Ion:163 Resp: 117475

Ion Ratio Lower Upper

163 100

194 5.6 3.4 5.2#

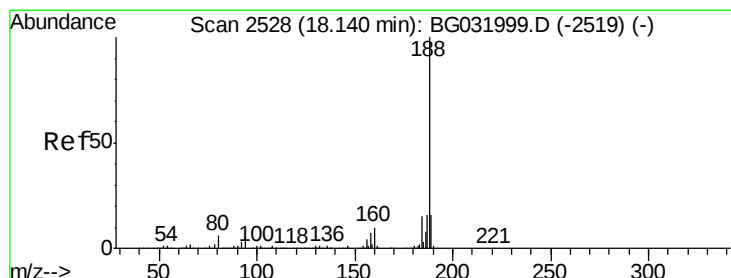
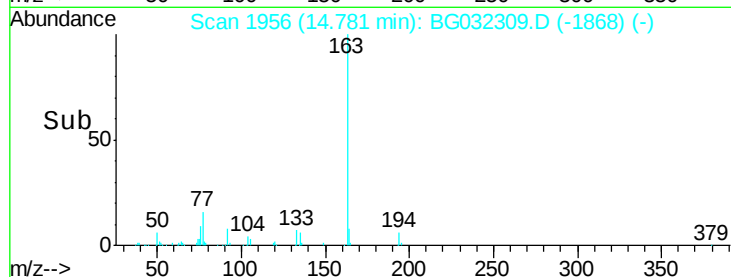
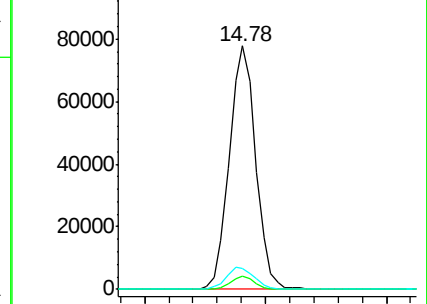
164 8.3 8.2 12.4



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: 18.09 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BG032309.D

Acq: 26 Jan 2018 00:56

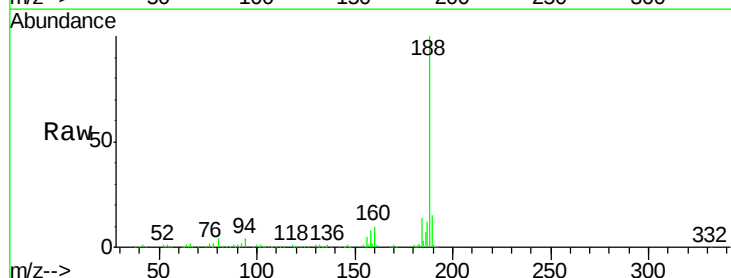
Tgt Ion:188 Resp: 299480

Ion Ratio Lower Upper

188 100

94 3.6 6.9 10.3#

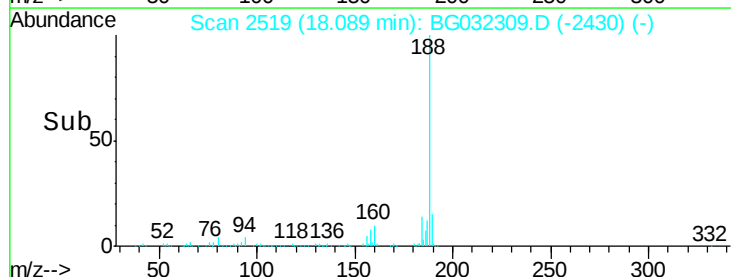
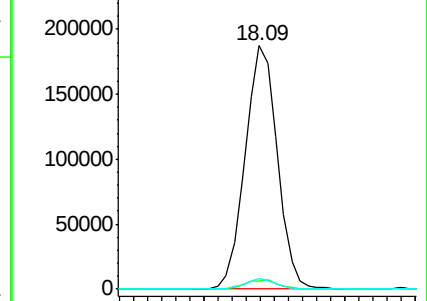
80 4.3 7.7 11.5#

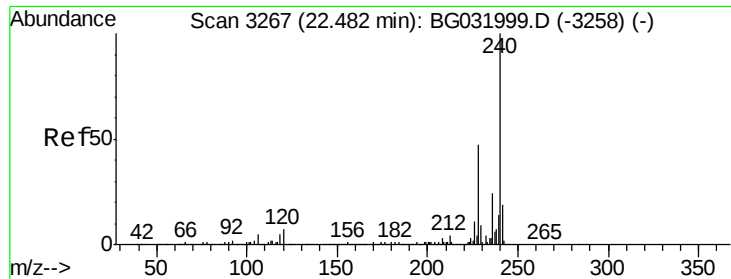


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.42 min Scan# 3256

Delta R.T. -0.01 min

Lab File: BG032309.D

Acq: 26 Jan 2018 00:56

Instrument :

BNA_G

ClientSampleId :

SB-10-9.5-10.0

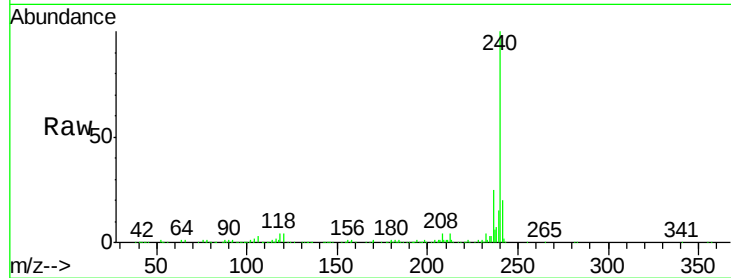
Tot Ion:240 Resp: 362893

Ion Ratio Lower Upper

240 100

120 4.4 6.8 10.2#

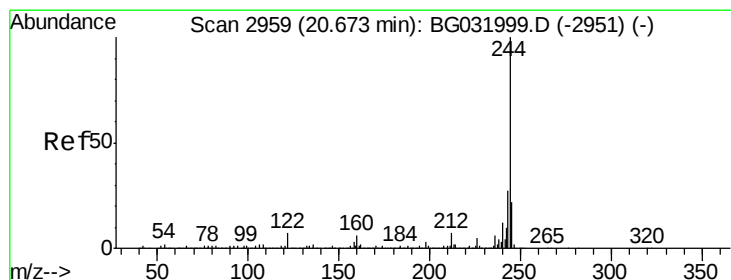
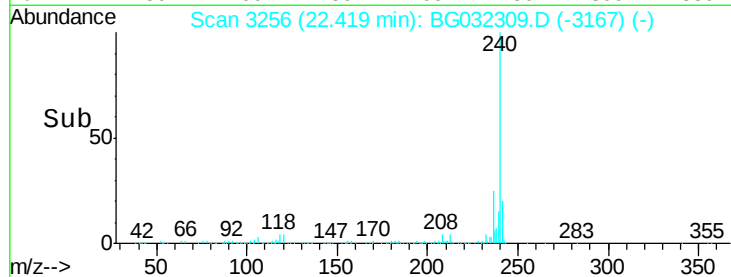
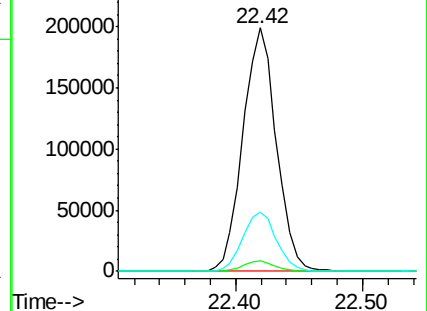
236 24.6 20.9 31.3



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: 92.599 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BG032309.D

Acq: 26 Jan 2018 00:56

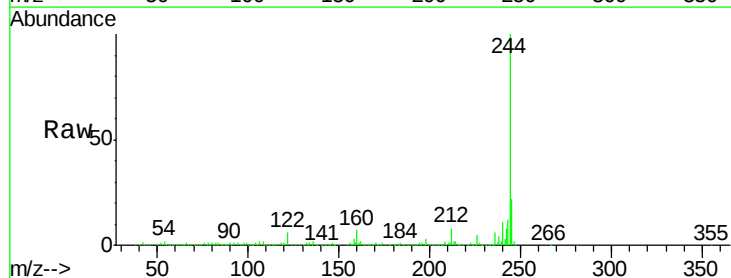
Tgt Ion:244 Resp: 1521870

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

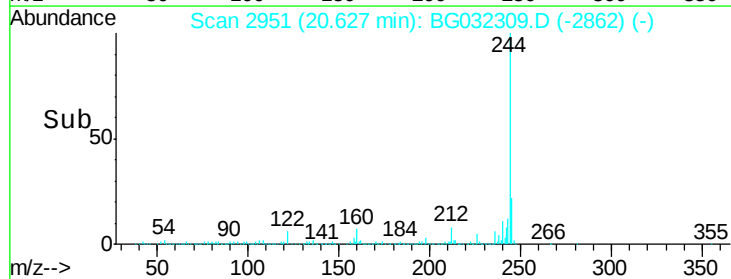
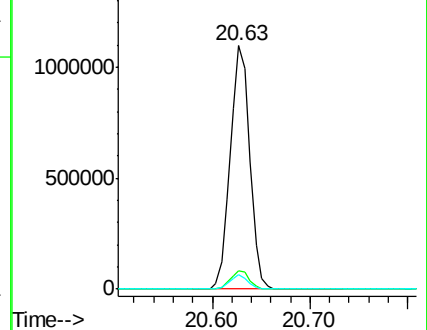
122 5.9 7.0 10.4#

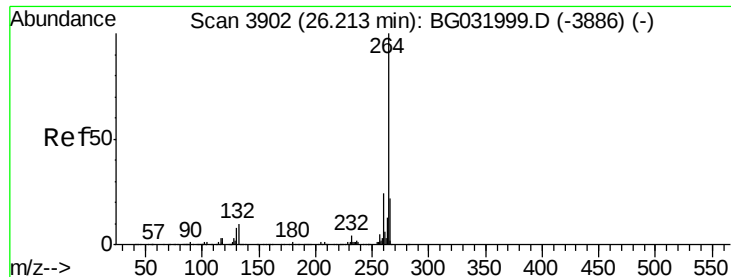


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.10 min Scan# 3883
 Delta R.T. -0.01 min
 Lab File: BG032309.D
 Acq: 26 Jan 2018 00:56

Instrument :
 BNA_G
 ClientSampleId :
 SB-10-9.5-10.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	20.1	17.7	26.5

