

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011718\
 Data File : BG032135.D
 Acq On : 18 Jan 2018 12:45
 Operator : SJ/JU
 Sample : J1158-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWS-1

Quant Time: Jan 18 14:11:43 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

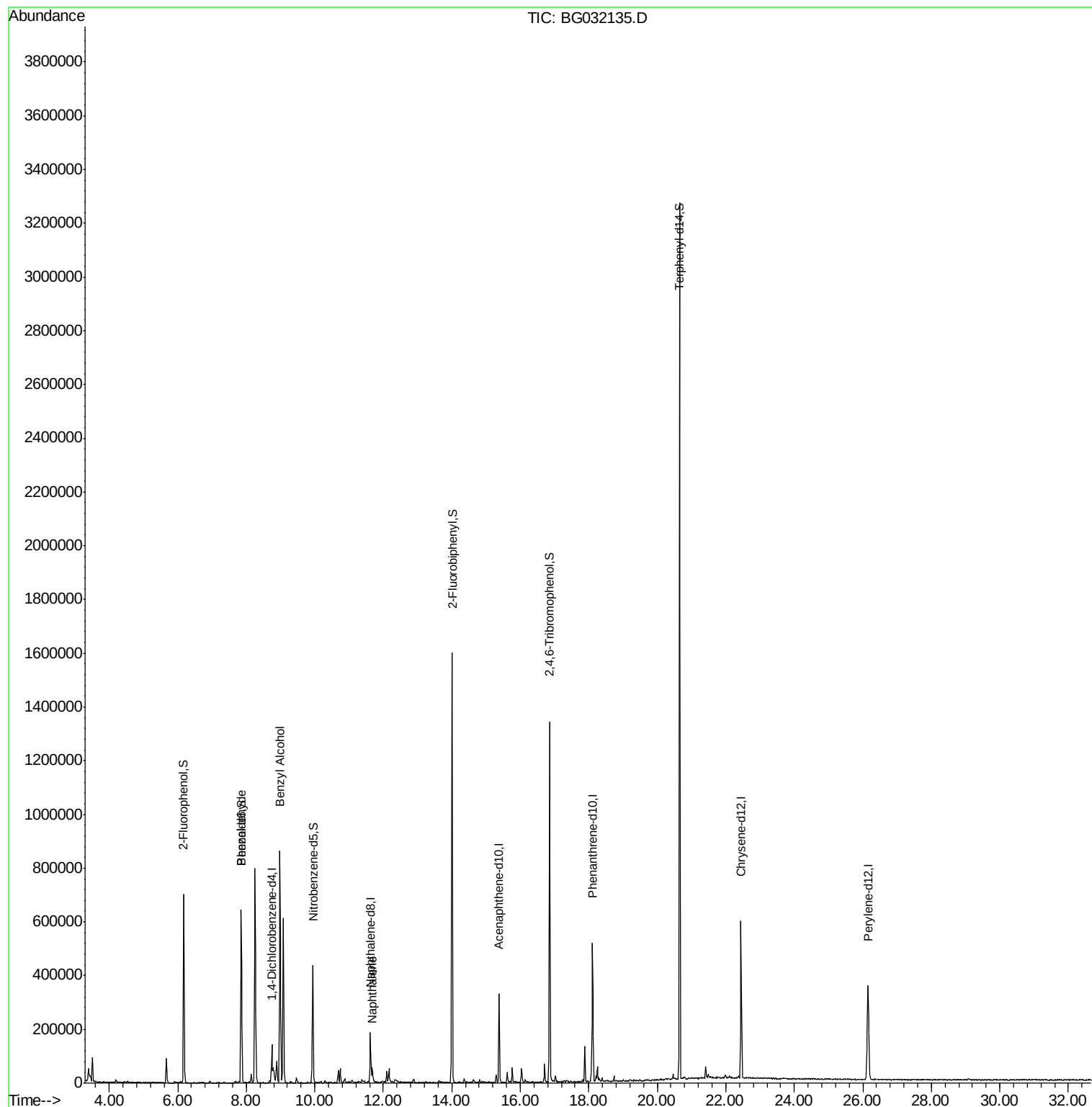
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.75	152	46594	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	184740	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	130530	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	348910	20.00	ng	0.00
75) Chrysene-d12	22.45	240	452669	20.00	ng	0.00
86) Perylene-d12	26.15	264	481884	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	356527	139.95	ng	0.00
7) Phenol-d6	7.85	99	415479	129.49	ng	0.00
23) Nitrobenzene-d5	9.94	82	283252	103.73	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	307865	142.53	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	958359	91.04	ng	0.00
78) Terphenyl-d14	20.65	244	1734788	84.62	ng	0.00
Target Compounds						
9) Benzaldehyde	7.85	77	3881	2.088	ng	Qvalue 87
15) Benzyl Alcohol	8.99	79	341039	146.314	ng	96
31) Naphthalene	11.68	128	50565	5.525	ng	# 95

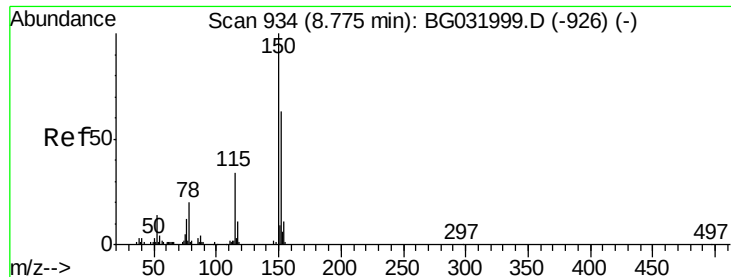
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011718\
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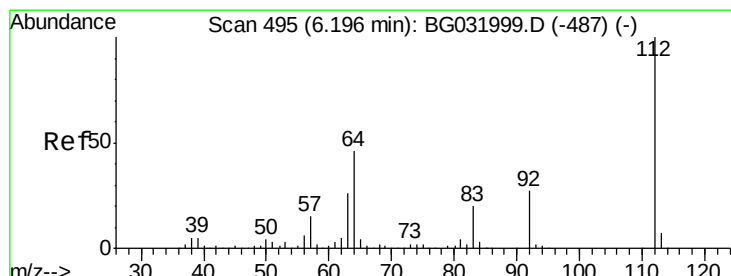
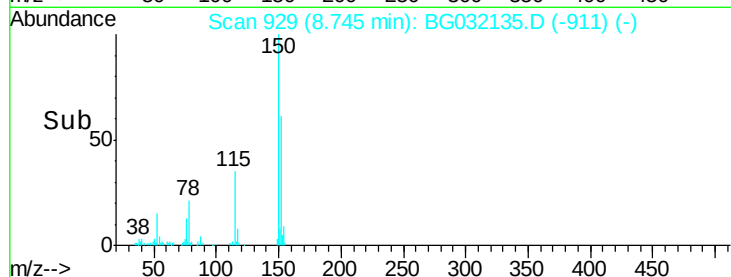
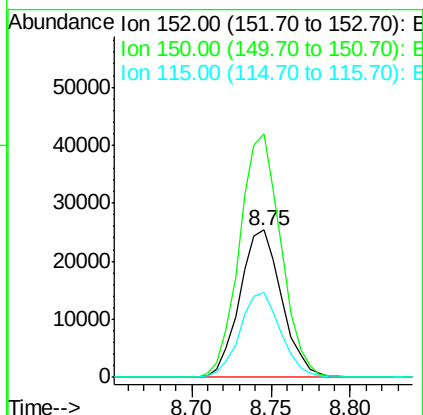
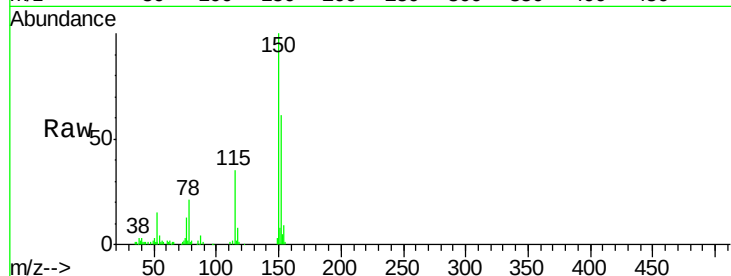


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.75 min Scan# 929
Delta R.T. 0.00 min
Lab File: BG032135.D
Acq: 18 Jan 2018 12:45

Instrument :
BNA_G
ClientSampleId :
OWS-1

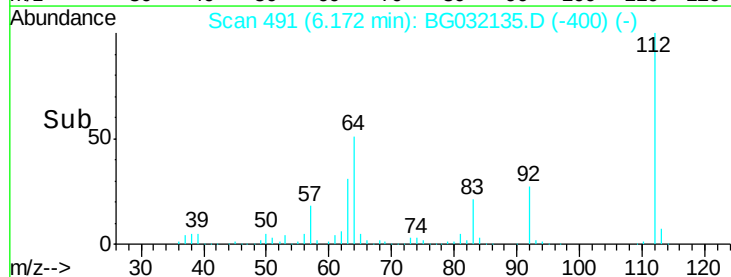
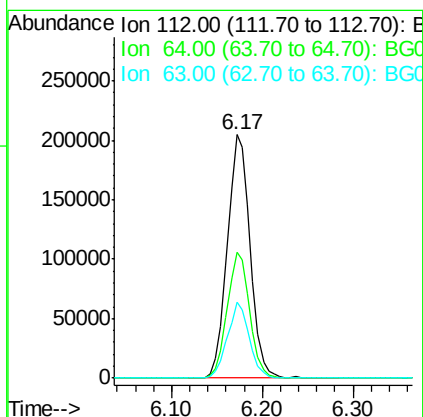
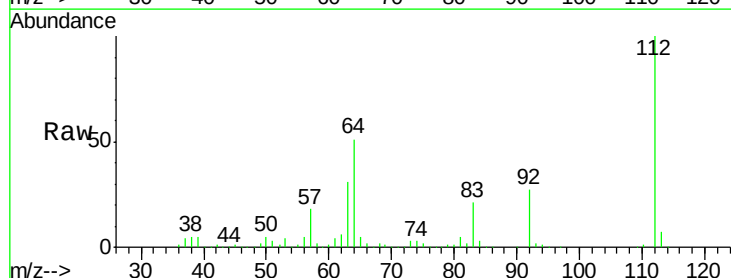
Tgt Ion:152 Resp: 46594
Ion Ratio Lower Upper
152 100
150 165.0 126.6 189.8
115 57.2 53.0 79.4

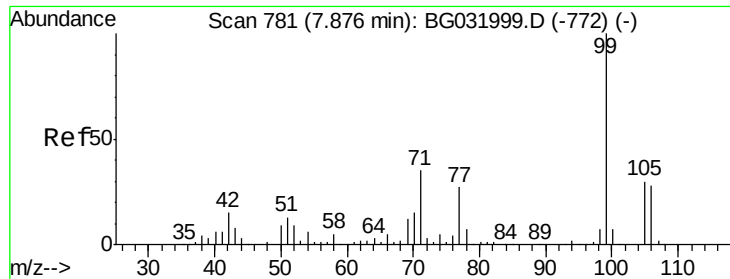


#5

2-Fluorophenol
Concen: 139.946 ng
RT: 6.17 min Scan# 491
Delta R.T. 0.00 min
Lab File: BG032135.D
Acq: 18 Jan 2018 12:45

Tgt Ion:112 Resp: 356527
Ion Ratio Lower Upper
112 100
64 51.5 56.3 84.5#
63 31.0 30.1 45.1





#7

Phenol-d6

Concen: 129.491 ng

RT: 7.85 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG032135.D

Acq: 18 Jan 2018 12:45

Instrument :

BNA_G

ClientSampleId :

OWS-1

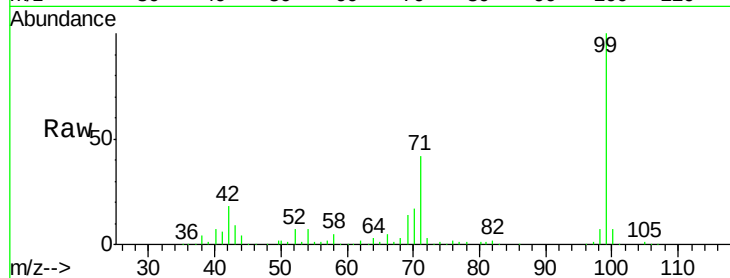
Tgt Ion: 99 Resp: 415479

Ion Ratio Lower Upper

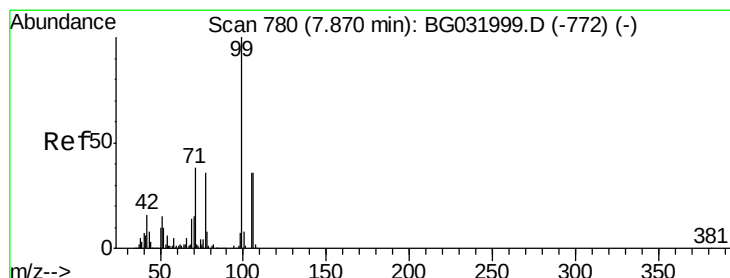
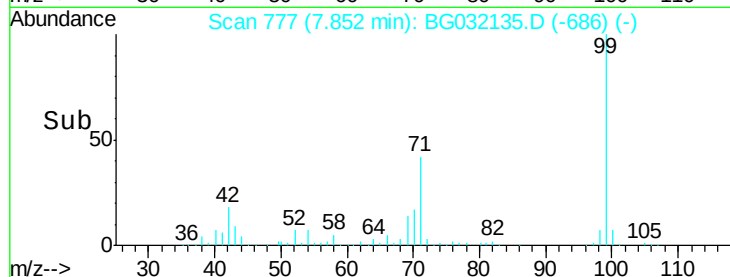
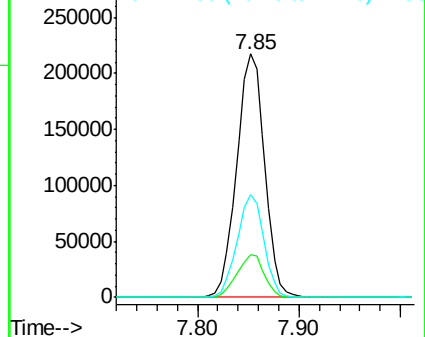
99 100

42 17.7 14.1 21.1

71 42.1 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



#9

Benzaldehyde

Concen: 2.088 ng

RT: 7.85 min Scan# 776

Delta R.T. 0.00 min

Lab File: BG032135.D

Acq: 18 Jan 2018 12:45

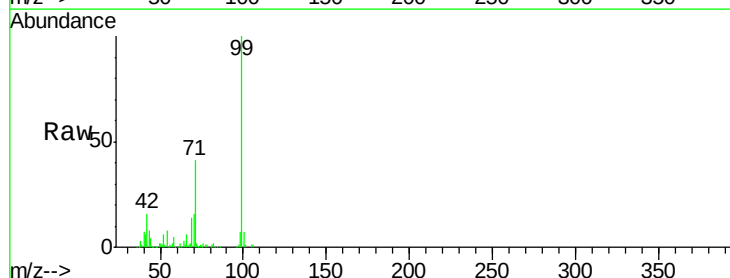
Tgt Ion: 77 Resp: 3881

Ion Ratio Lower Upper

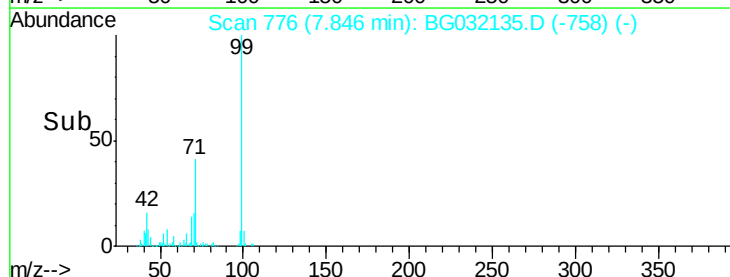
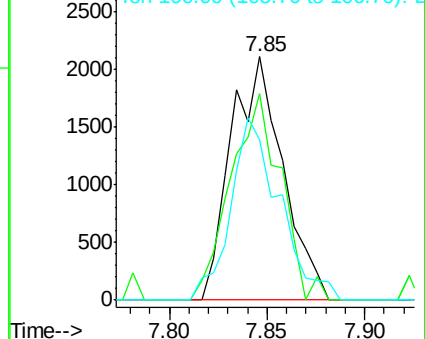
77 100

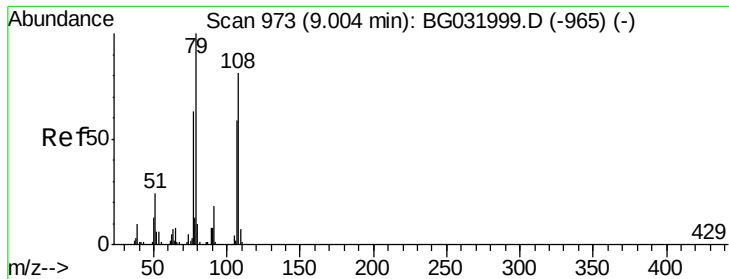
105 84.8 71.3 111.3

106 66.1 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#15

Benzyl Alcohol

Concen: 146.314 ng

RT: 8.99 min Scan# 970

Delta R.T. 0.01 min

Lab File: BG032135.D

Acq: 18 Jan 2018 12:45

Instrument :

BNA_G

ClientSampleId :

OWS-1

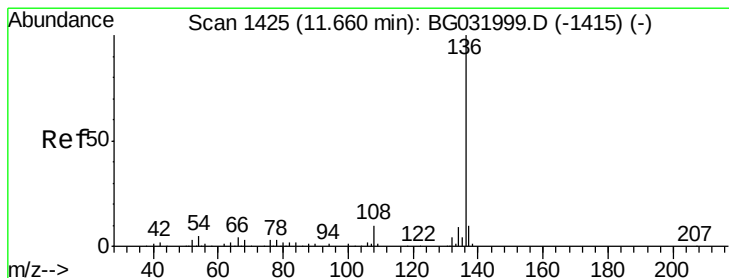
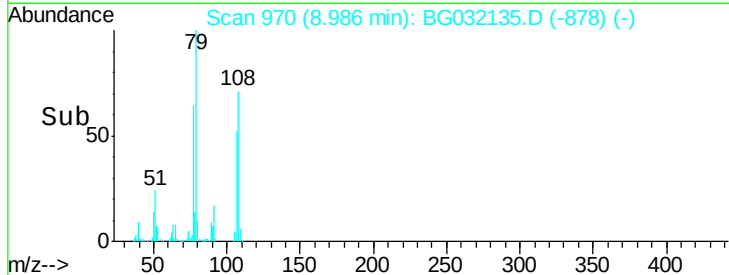
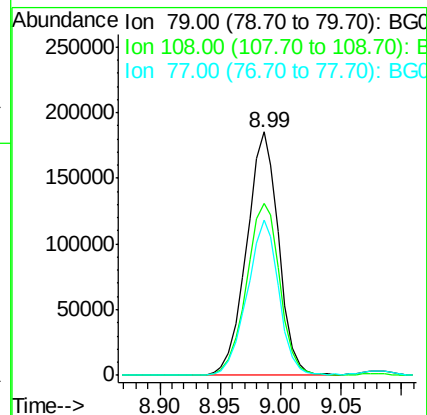
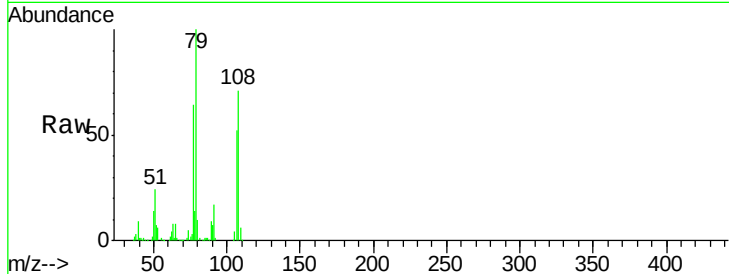
Tgt Ion: 79 Resp: 341039

Ion Ratio Lower Upper

79 100

108 70.8 57.2 85.8

77 63.5 46.1 69.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.62 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BG032135.D

Acq: 18 Jan 2018 12:45

Tgt Ion: 136 Resp: 184740

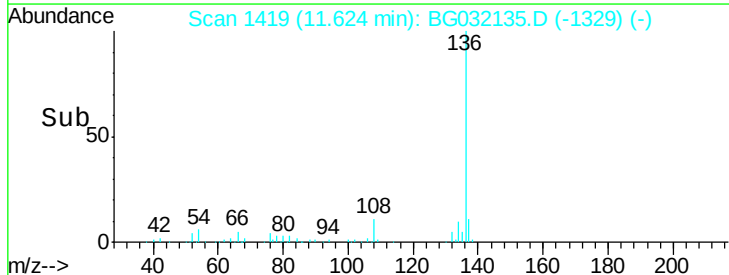
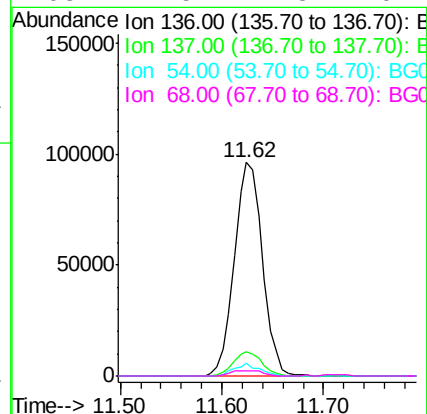
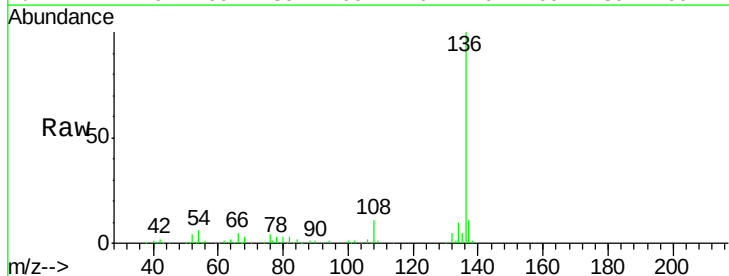
Ion Ratio Lower Upper

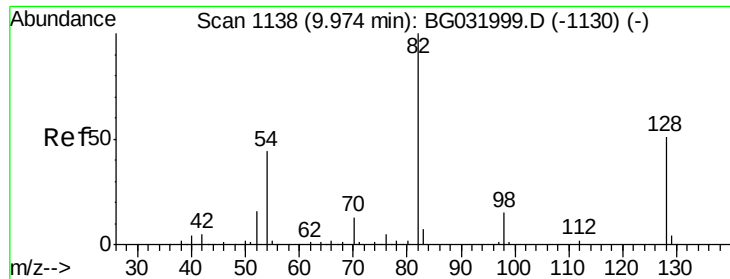
136 100

137 11.3 9.2 13.8

54 5.9 10.3 15.5#

68 2.5 4.5 6.7#

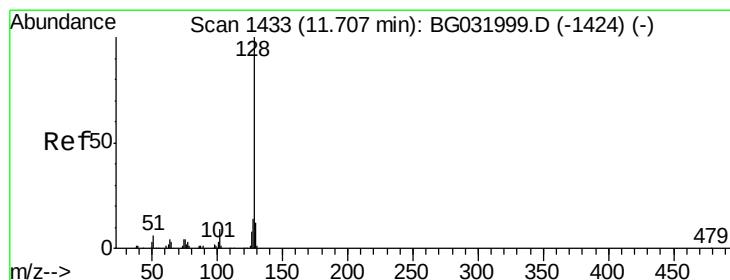
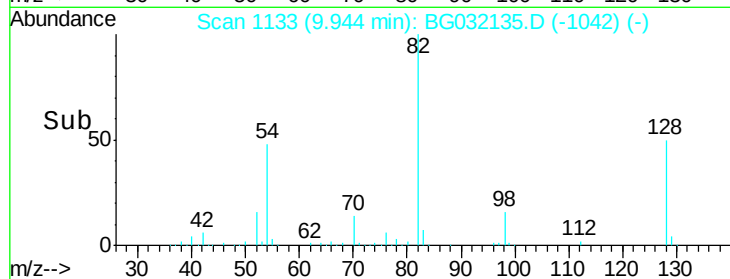
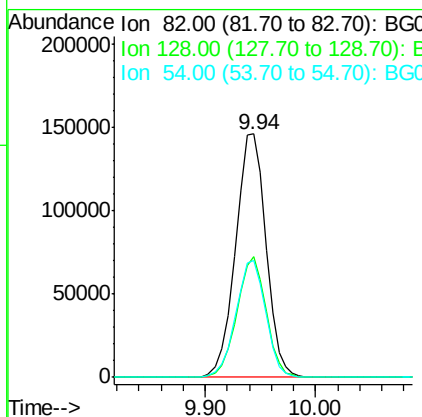
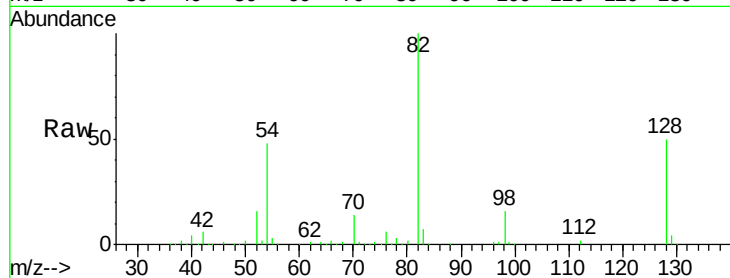




#23
 Nitrobenzene-d5
 Concen: 103.731 ng
 RT: 9.94 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: BG032135.D
 Acq: 18 Jan 2018 12:45

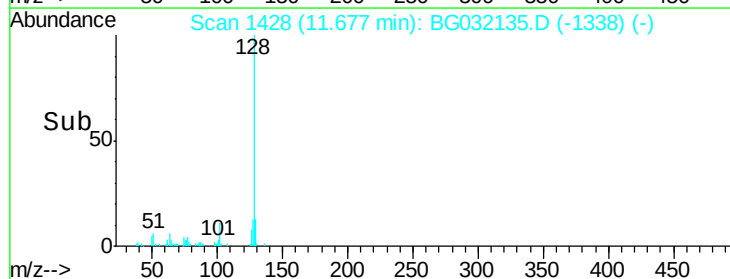
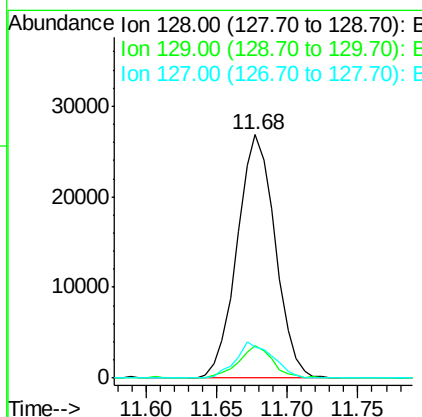
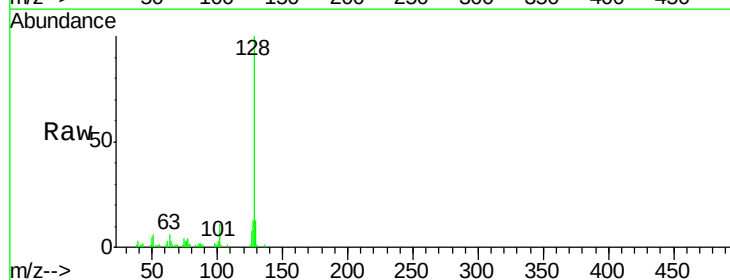
Instrument :
 BNA_G
 ClientSampleId :
 OWS-1

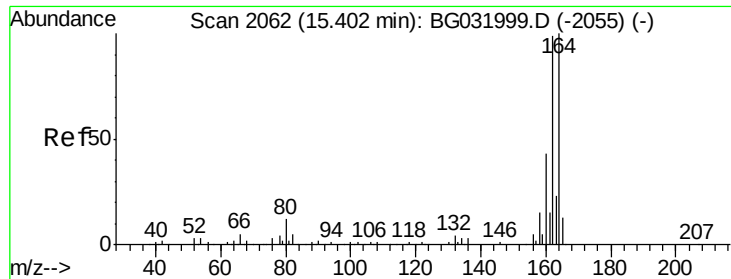
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.6	29.7	44.5#
54	48.2	43.1	64.7



#31
 Naphthalene
 Concen: 5.525 ng
 RT: 11.68 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: BG032135.D
 Acq: 18 Jan 2018 12:45

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.1	8.6	12.8#
127	12.9	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.38 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BG032135.D

Acq: 18 Jan 2018 12:45

Instrument :

BNA_G

ClientSampleId :

OWS-1

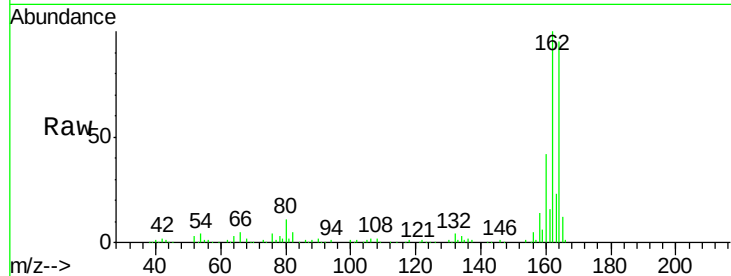
Tgt Ion:164 Resp: 130530

Ion Ratio Lower Upper

164 100

162 105.1 78.8 118.2

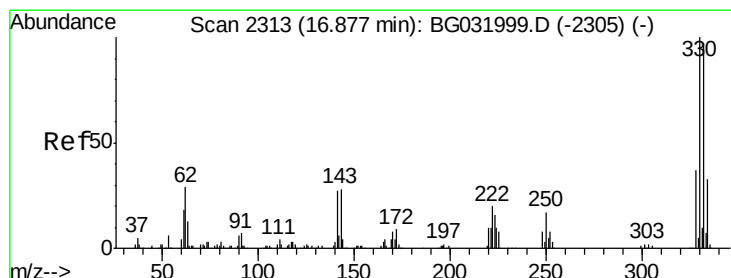
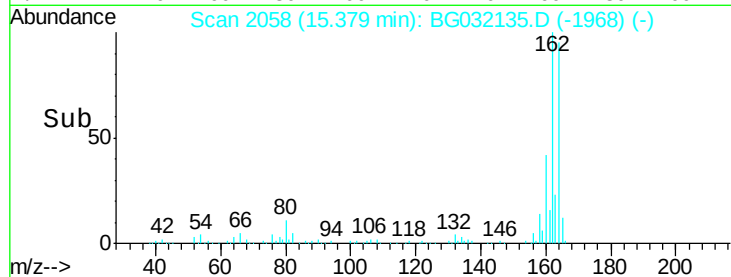
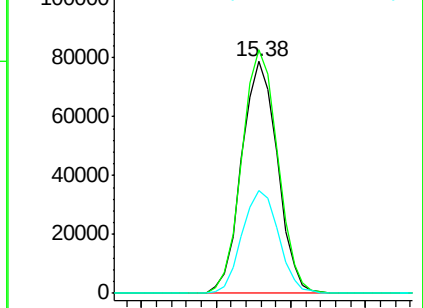
160 44.5 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 142.532 ng

RT: 16.85 min Scan# 2309

Delta R.T. -0.00 min

Lab File: BG032135.D

Acq: 18 Jan 2018 12:45

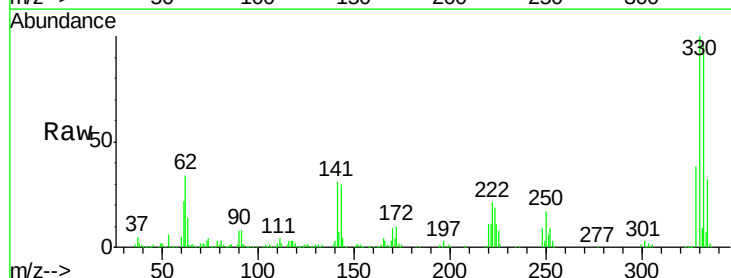
Tgt Ion:330 Resp: 307865

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

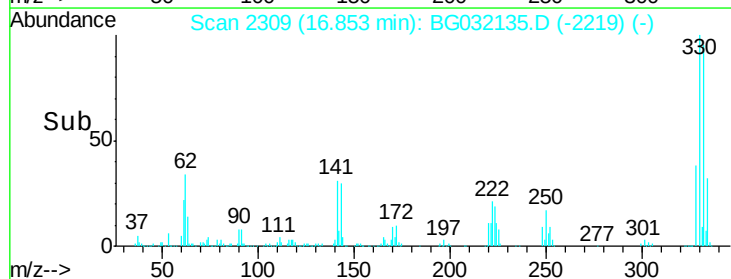
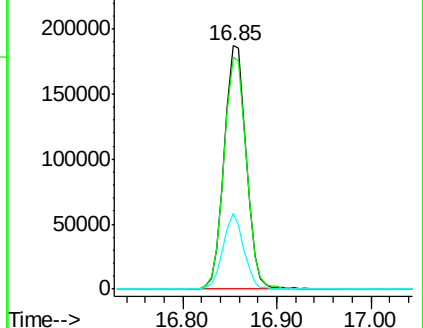
141 29.1 25.2 37.8

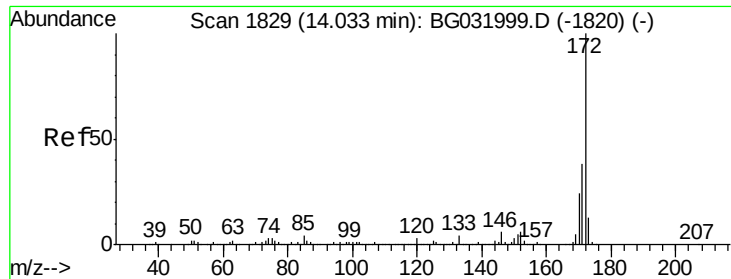


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

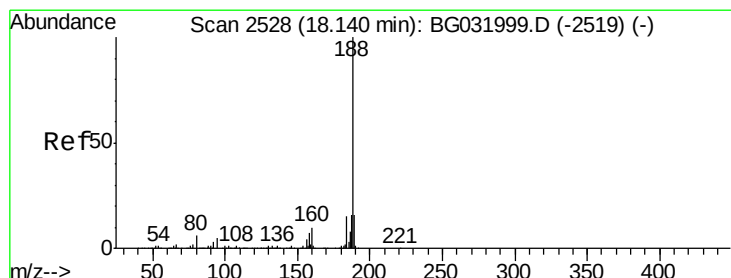
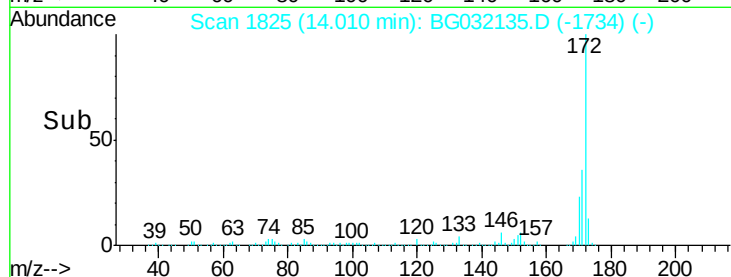
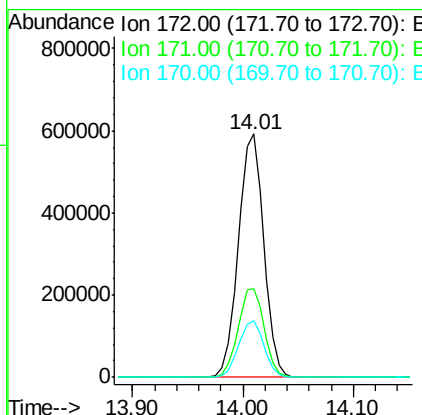
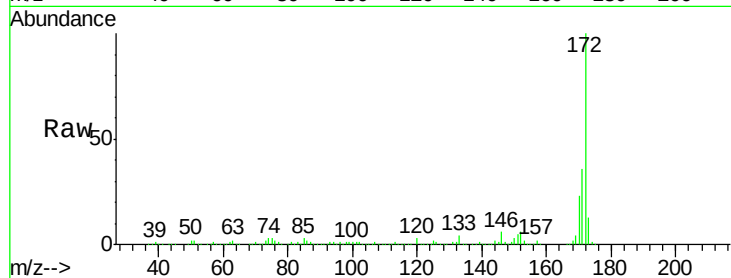




#44
 2-Fluorobiphenyl
 Concen: 91.038 ng
 RT: 14.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BG032135.D
 Acq: 18 Jan 2018 12:45

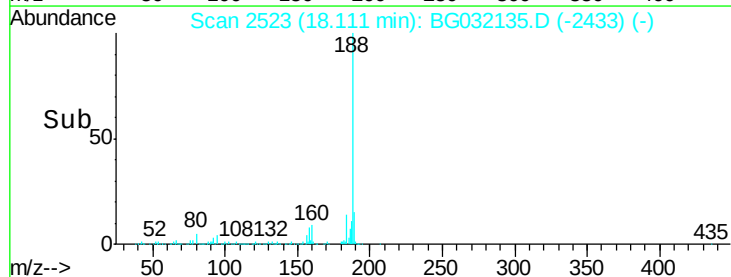
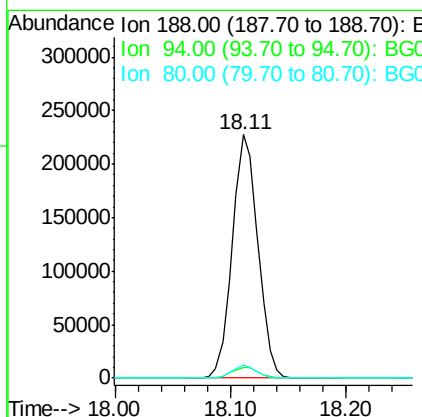
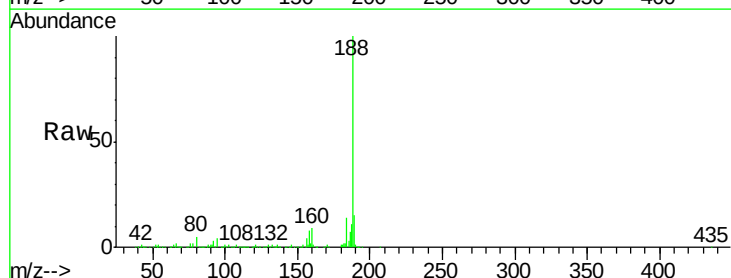
Instrument :
 BNA_G
 ClientSampleId :
 OWS-1

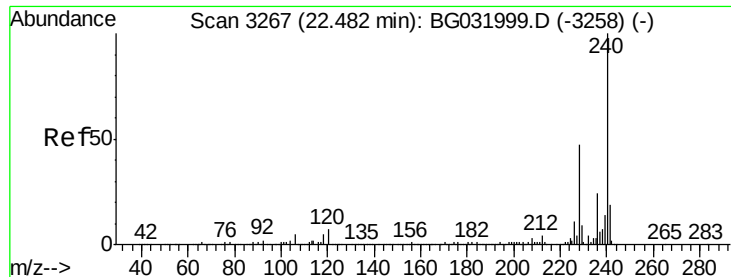
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.0	45.0
170	23.3	19.5	29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.11 min Scan# 2523
 Delta R.T. -0.00 min
 Lab File: BG032135.D
 Acq: 18 Jan 2018 12:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.3	6.9	10.3#
80	5.3	7.7	11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.45 min Scan# 3261

Delta R.T. -0.00 min

Lab File: BG032135.D

Acq: 18 Jan 2018 12:45

Instrument :

BNA_G

ClientSampleId :

OWS-1

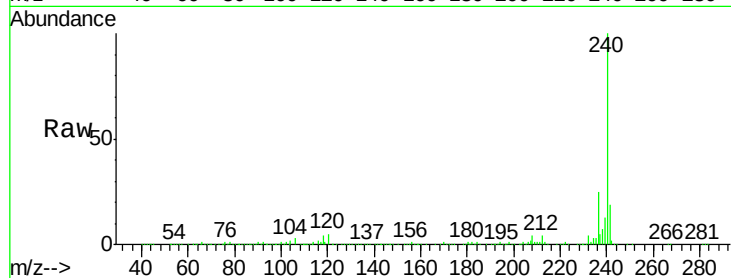
Tgt Ion:240 Resp: 452669

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

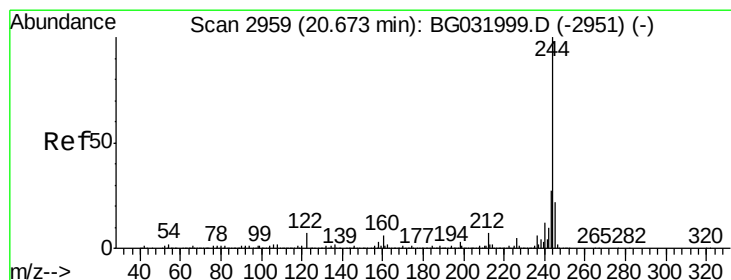
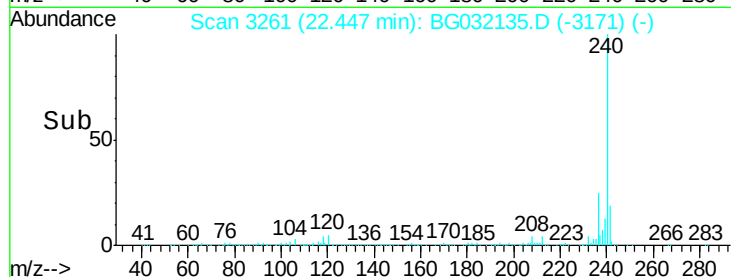
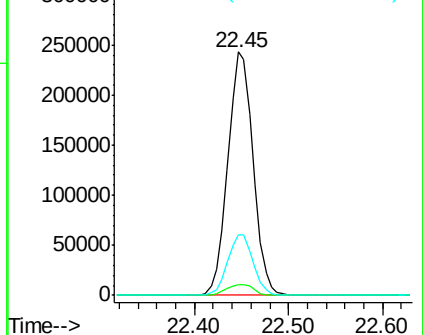
236 25.0 20.9 31.3



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: 84.620 ng

RT: 20.65 min Scan# 2955

Delta R.T. -0.00 min

Lab File: BG032135.D

Acq: 18 Jan 2018 12:45

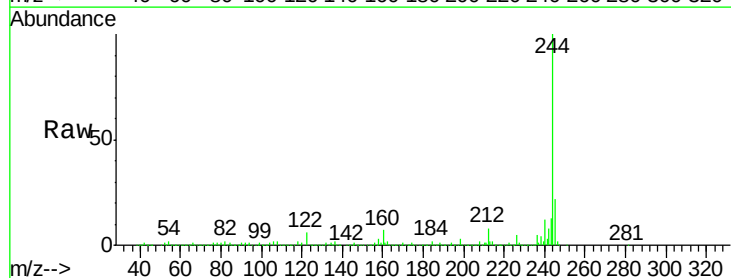
Tgt Ion:244 Resp: 1734788

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

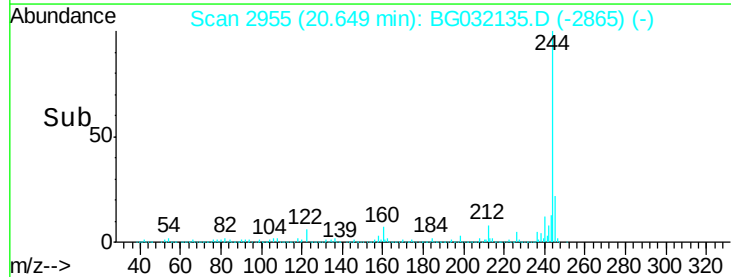
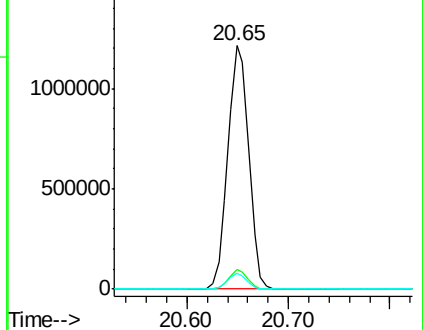
122 6.5 7.0 10.4#

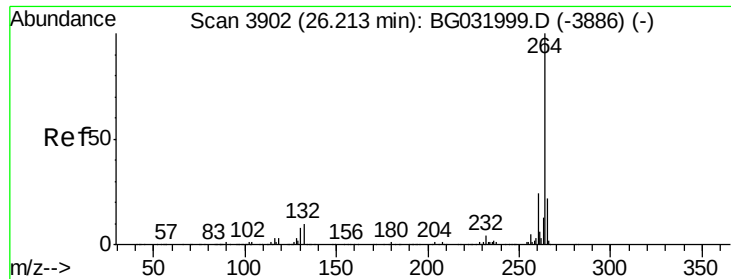


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

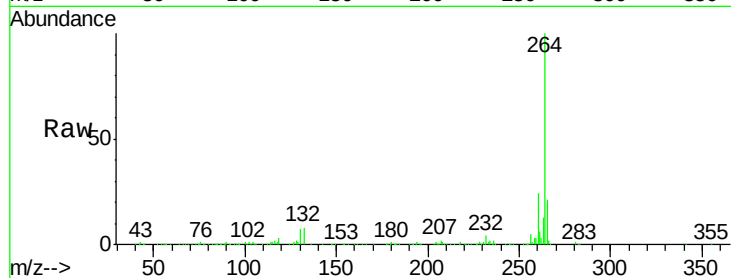




#86
Perylene-d12
Concen: 20.000 ng
RT: 26.15 min Scan# 3892
Delta R.T. 0.00 min
Lab File: BG032135.D
Acq: 18 Jan 2018 12:45

Instrument :
BNA_G
ClientSampleId :
OWS-1

Tgt Ion: 264 Resp: 481884
Ion Ratio Lower Upper
264 100
260 24.5 17.4 26.0
265 21.2 17.7 26.5



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

