

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
 Data File : BG031835.D
 Acq On : 28 Dec 2017 21:19
 Operator : SJ/JU
 Sample : I7083-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWS-2

Quant Time: Dec 29 07:00:41 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

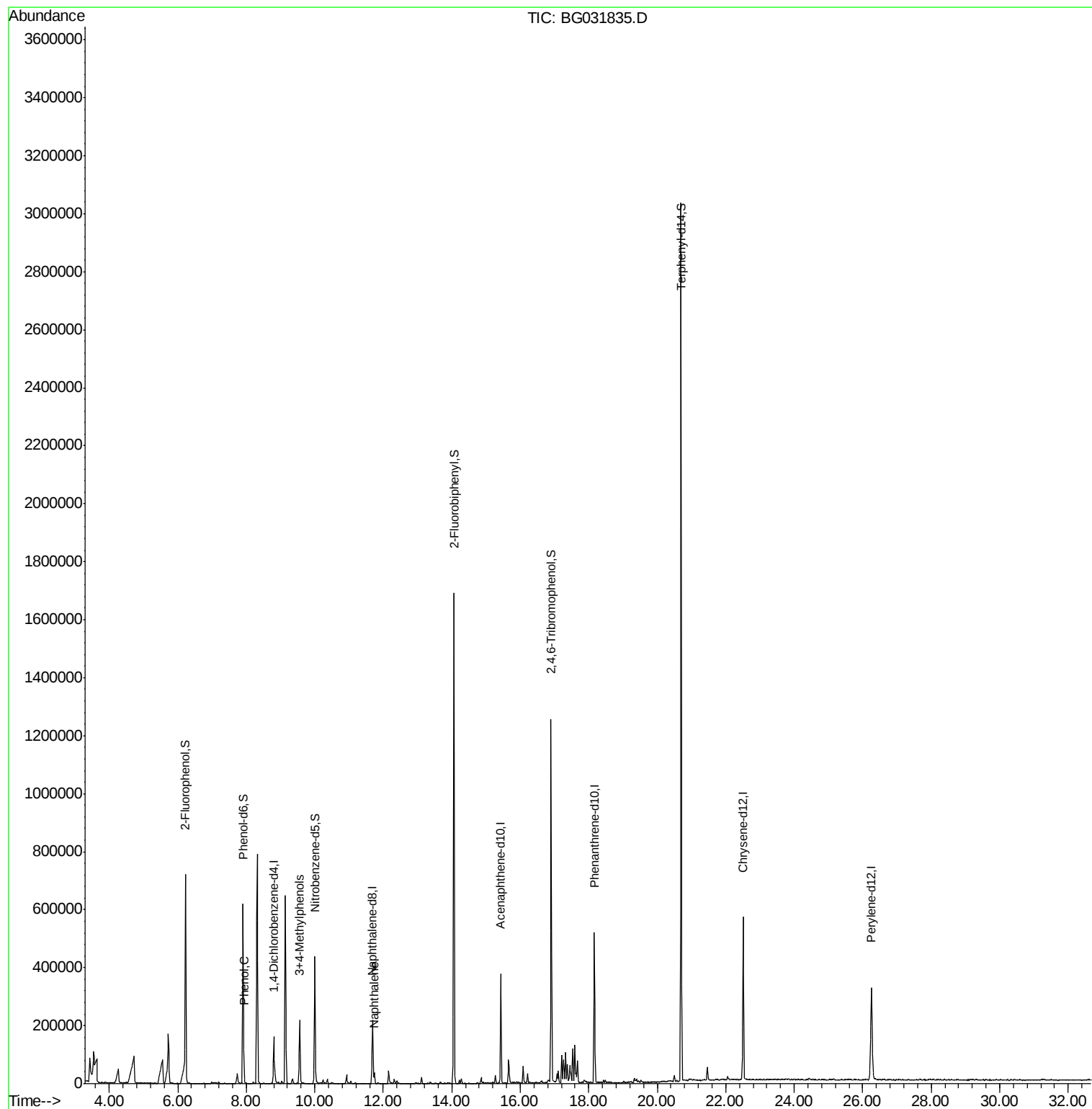
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	55399	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	222491	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	146254	20.00	ng	-0.03
63) Phenanthrene-d10	18.16	188	356599	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	425984	20.00	ng	-0.06
86) Perylene-d12	26.25	264	450775	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	374484	123.12	ng	-0.02
7) Phenol-d6	7.91	99	433710	109.83	ng	-0.02
23) Nitrobenzene-d5	10.00	82	286999	97.41	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	315136	141.21	ng	-0.03
44) 2-Fluorobiphenyl	14.06	172	1017977	87.36	ng	-0.03
78) Terphenyl-d14	20.70	244	1658941	88.97	ng	-0.04
Target Compounds						
10) Phenol	7.94	94	17837	4.474	ng	97
20) 3+4-Methylphenols	9.56	107	118029	29.111	ng	94
31) Naphthalene	11.74	128	36849	3.282	ng	98

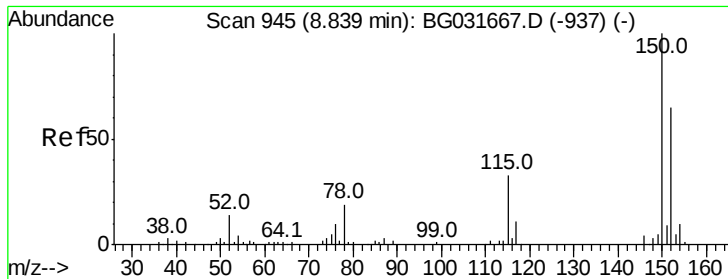
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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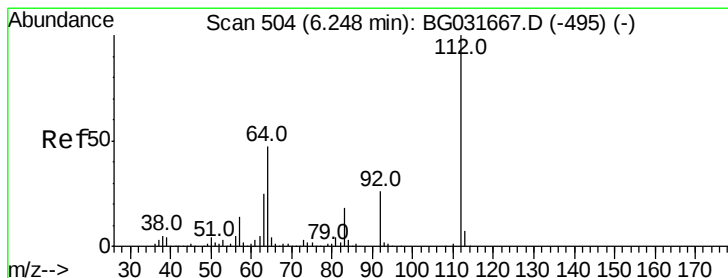
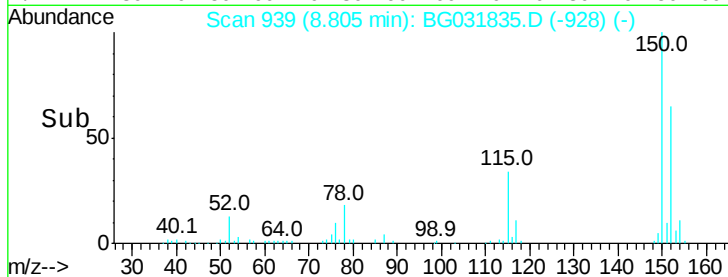
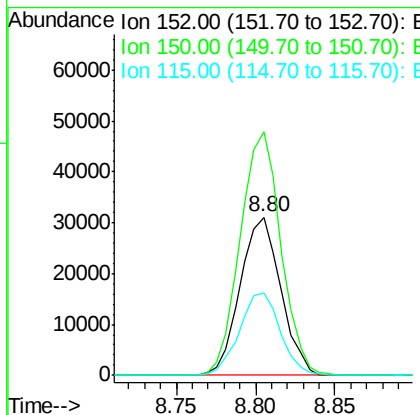
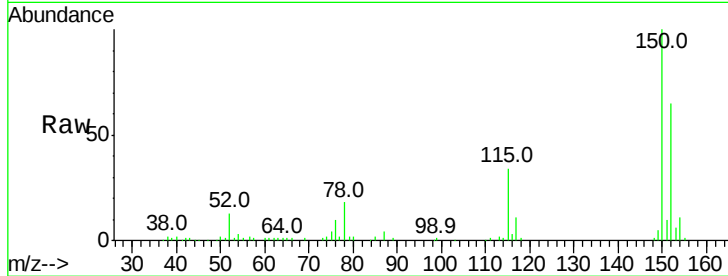


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.80 min Scan# 939
 Delta R.T. -0.03 min
 Lab File: BG031835.D
 Acq: 28 Dec 2017 21:19

Instrument :
 BNA_G
 ClientSampleId :
 OWS-2

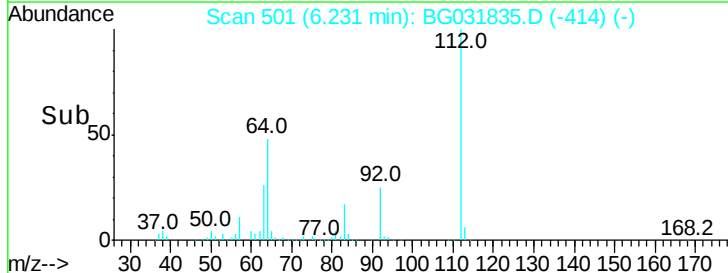
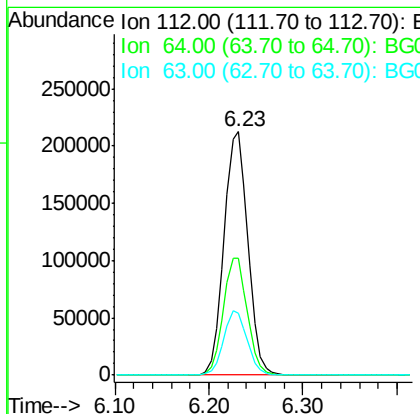
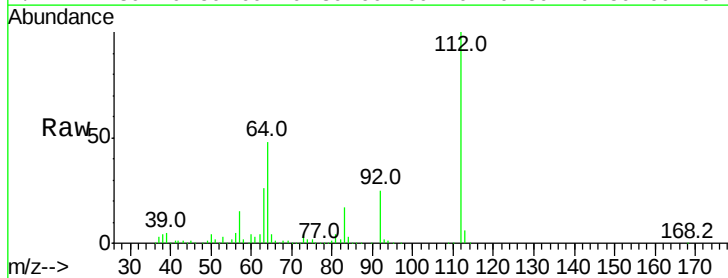
Tot Ion:152 Resp: 55399
 Ion Ratio Lower Upper
 152 100
 150 153.7 126.6 189.8
 115 51.9 53.0 79.4#



#5

2-Fluorophenol
 Concen: 123.121 ng
 RT: 6.23 min Scan# 501
 Delta R.T. -0.02 min
 Lab File: BG031835.D
 Acq: 28 Dec 2017 21:19

Tgt Ion:112 Resp: 374484
 Ion Ratio Lower Upper
 112 100
 64 48.2 56.3 84.5#
 63 25.6 30.1 45.1#





#7

Phenol-d6

Concen: 109.828 ng

RT: 7.91 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG031835.D

Acq: 28 Dec 2017 21:19

Instrument :

BNA_G

ClientSampled :

OWS-2

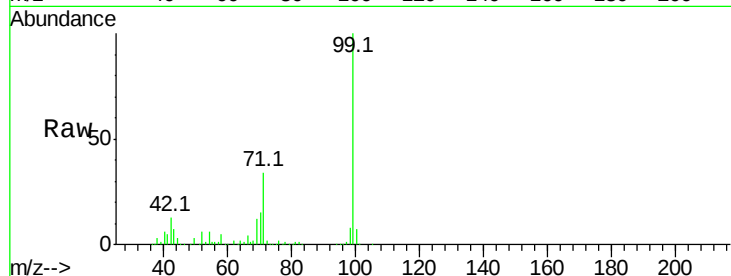
Tot Ion: 99 Resp: 433710

Ion Ratio Lower Upper

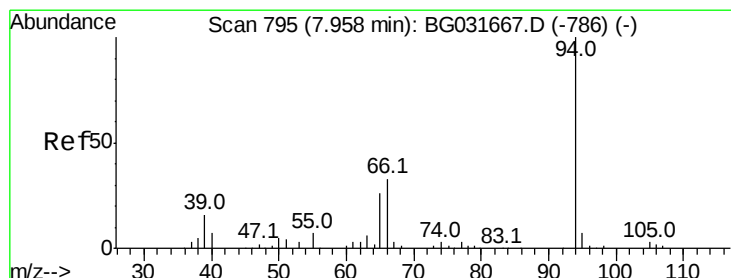
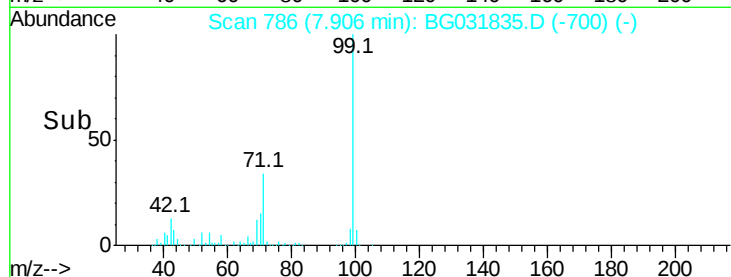
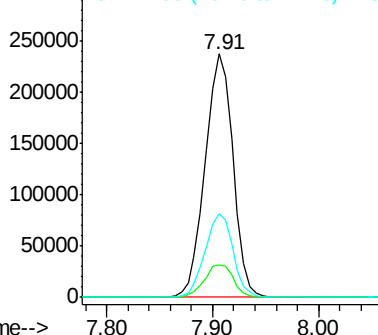
99 100

42 13.1 14.1 21.1#

71 34.4 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: 4.474 ng

RT: 7.94 min Scan# 791

Delta R.T. -0.02 min

Lab File: BG031835.D

Acq: 28 Dec 2017 21:19

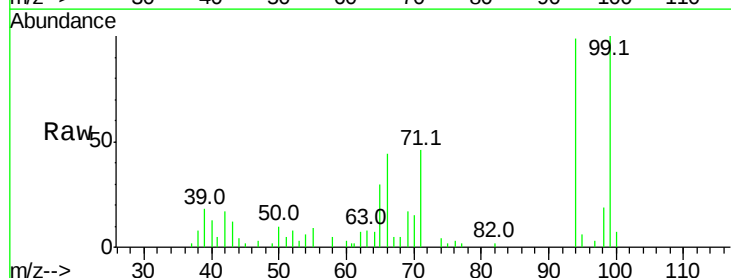
Tgt Ion: 94 Resp: 17837

Ion Ratio Lower Upper

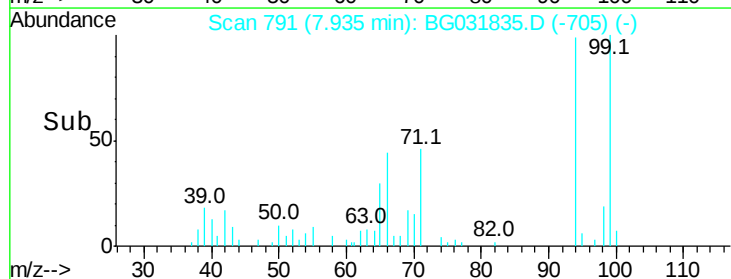
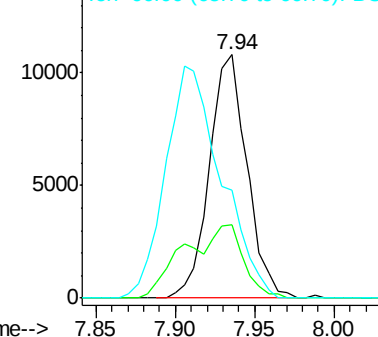
94 100

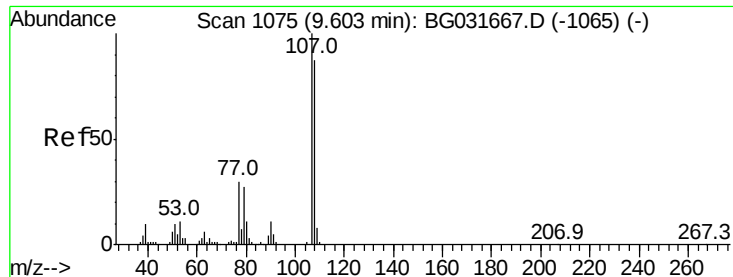
65 30.2 11.9 51.9

66 44.5 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

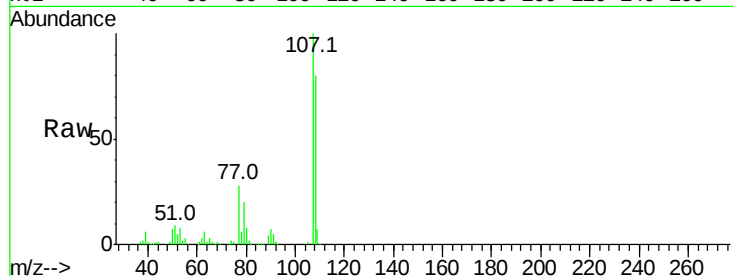




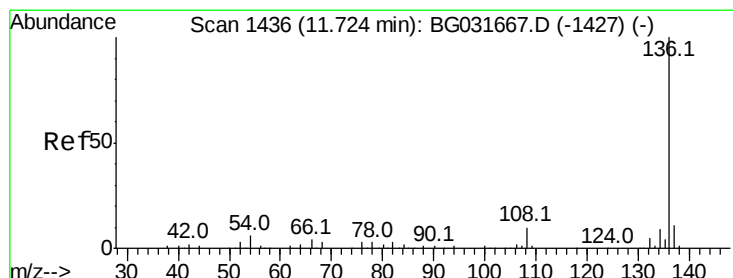
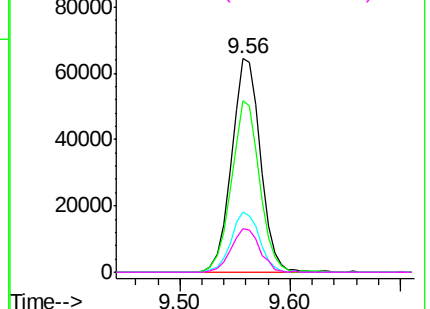
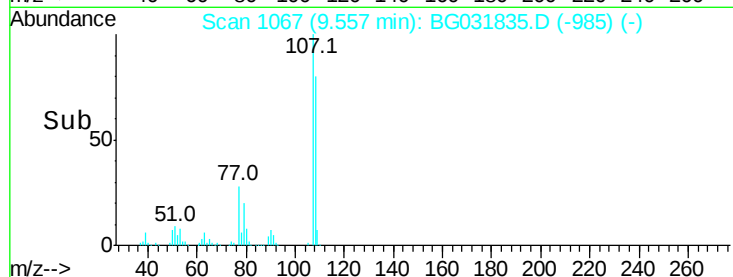
#20
3+4-Methylphenols
Concen: 29.111 ng
RT: 9.56 min Scan# 1067
Delta R.T. -0.05 min
Lab File: BG031835.D
Acq: 28 Dec 2017 21:19

Instrument :
BNA_G
ClientSampleId :
OWS-2

Tot Ion:107	Resp:	118029
Ion Ratio	Lower	Upper
107	100	
108	80.3	61.6 101.6
77	28.4	13.9 53.9
79	20.2	8.8 48.8

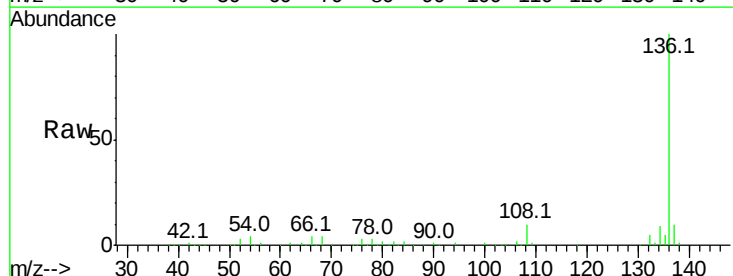


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

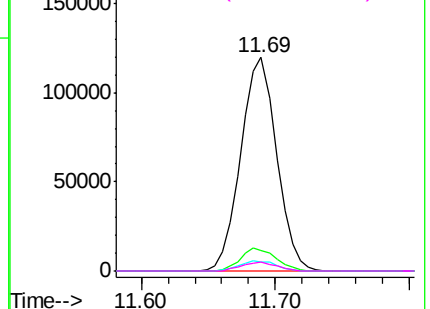
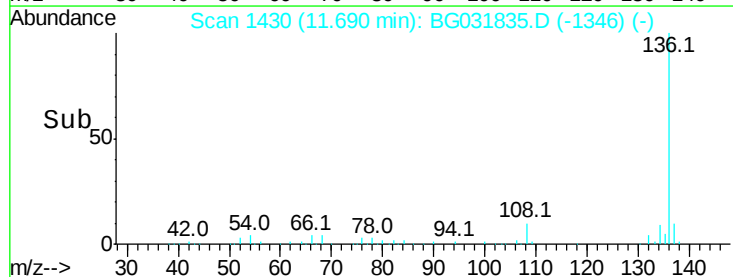


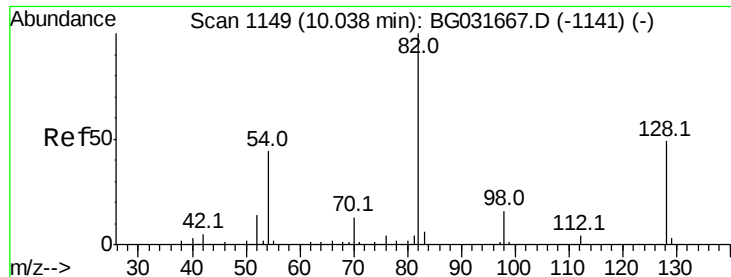
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.03 min
Lab File: BG031835.D
Acq: 28 Dec 2017 21:19

Tgt Ion:136	Resp:	222491
Ion Ratio	Lower	Upper
136	100	
137	9.8	9.2 13.8
54	4.3	10.3 15.5#
68	4.1	4.5 6.7#



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): BG
Ion 68.00 (67.70 to 68.70): BG

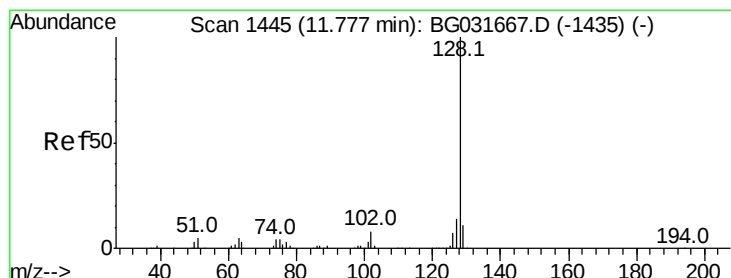
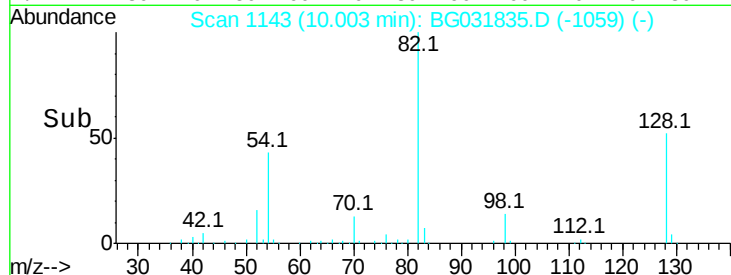
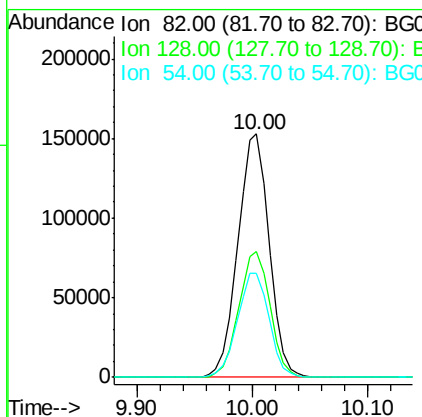
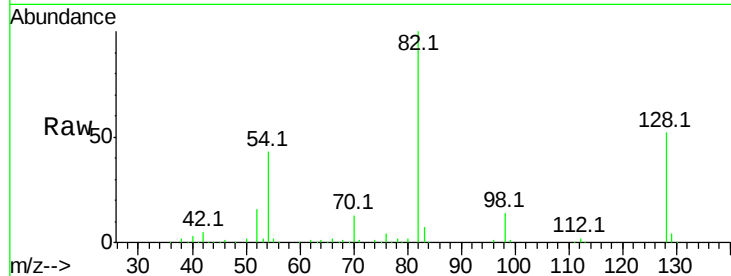




#23
 Nitrobenzene-d5
 Concen: 97.406 ng
 RT: 10.00 min Scan# 1143
 Delta R.T. -0.03 min
 Lab File: BG031835.D
 Acq: 28 Dec 2017 21:19

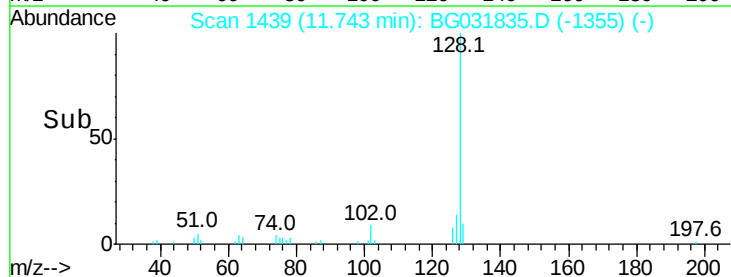
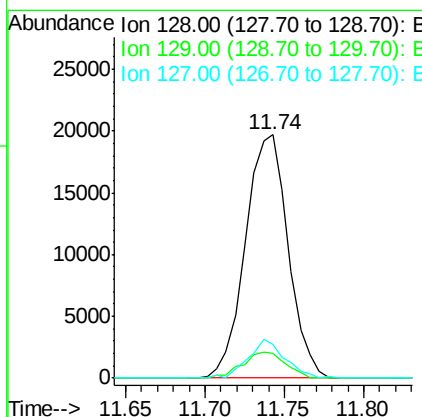
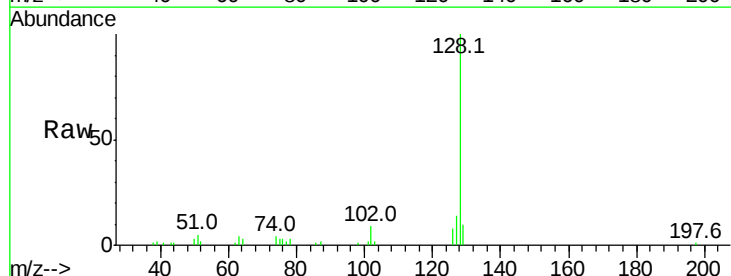
Instrument :
 BNA_G
 ClientSampleId :
 OWS-2

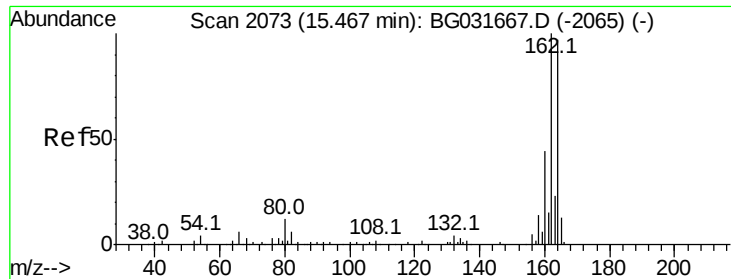
Tot Ion	82	Resp	286999
Ion Ratio	Lower	Upper	
82	100		
128	51.7	29.7	44.5#
54	42.8	43.1	64.7#



#31
 Naphthalene
 Concen: 3.282 ng
 RT: 11.74 min Scan# 1439
 Delta R.T. -0.03 min
 Lab File: BG031835.D
 Acq: 28 Dec 2017 21:19

Tgt Ion	128	Resp	36849
Ion Ratio	Lower	Upper	
128	100		
129	10.0	8.6	12.8
127	13.7	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.43 min Scan# 2067

Delta R.T. -0.03 min

Lab File: BG031835.D

Acq: 28 Dec 2017 21:19

Instrument :

BNA_G

ClientSampleId :

OWS-2

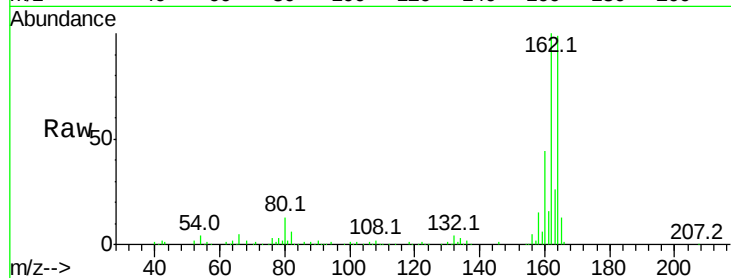
Tot Ion:164 Resp: 146254

Ion Ratio Lower Upper

164 100

162 100.8 78.8 118.2

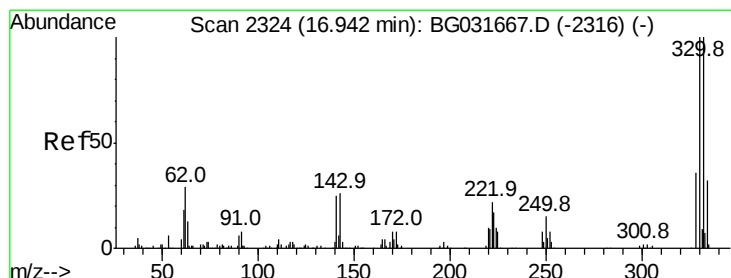
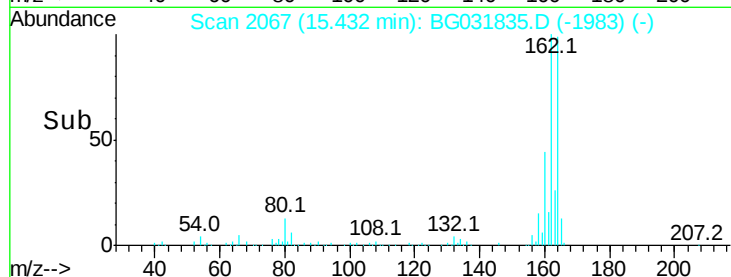
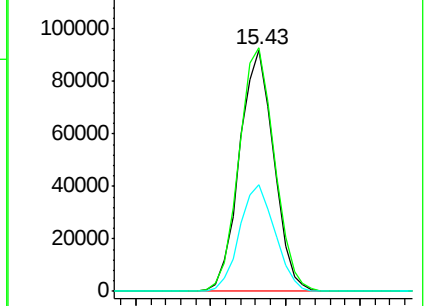
160 44.3 35.4 53.0



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: 141.213 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.03 min

Lab File: BG031835.D

Acq: 28 Dec 2017 21:19

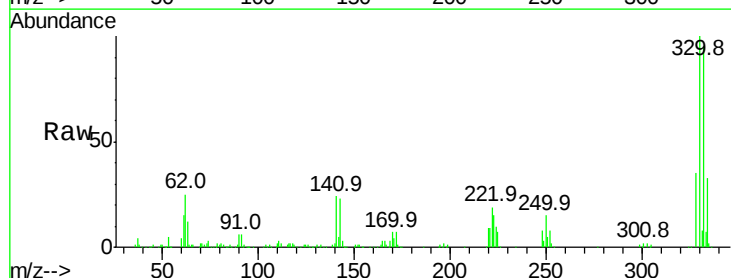
Tgt Ion:330 Resp: 315136

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

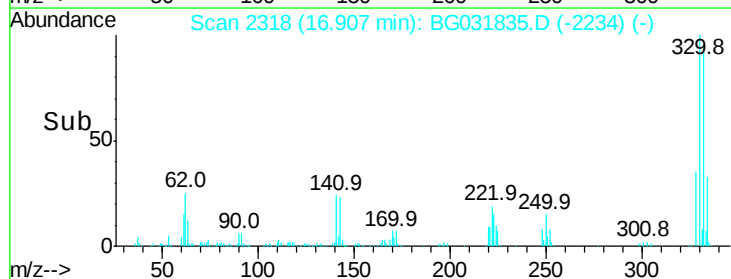
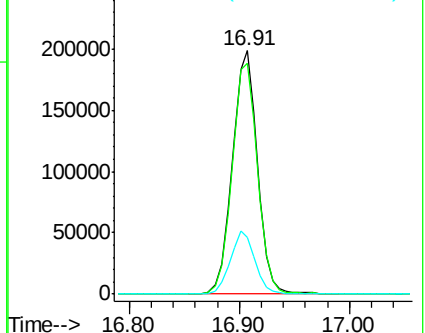
141 25.4 25.2 37.8

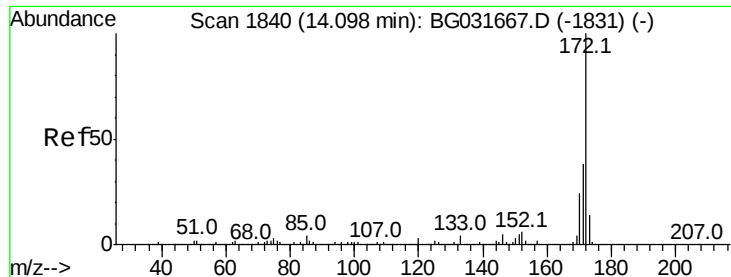


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

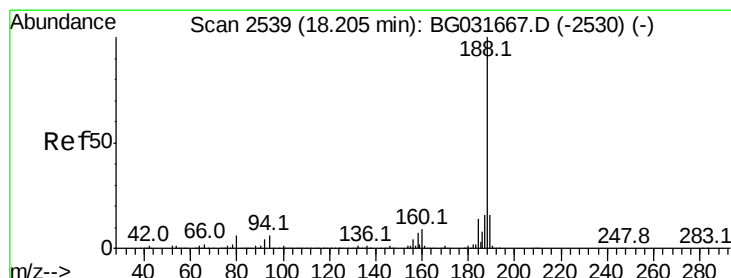
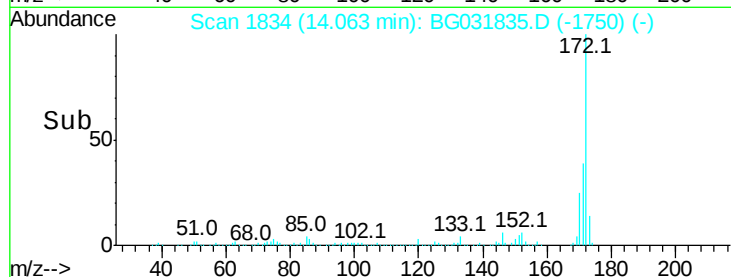
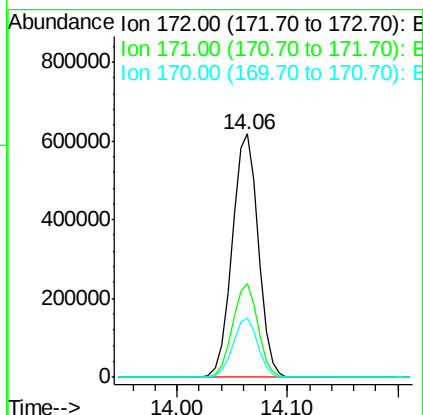
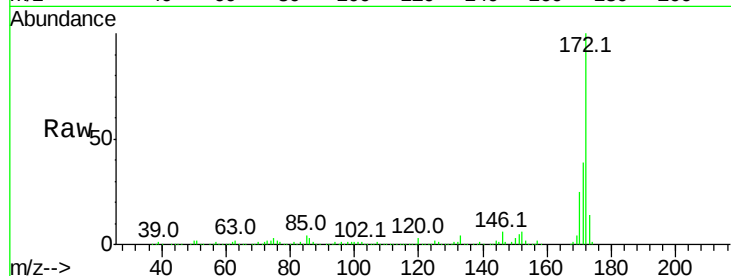




#44
2-Fluorobiphenyl
Concen: 87.362 ng
RT: 14.06 min Scan# 1834
Delta R.T. -0.03 min
Lab File: BG031835.D
Acq: 28 Dec 2017 21:19

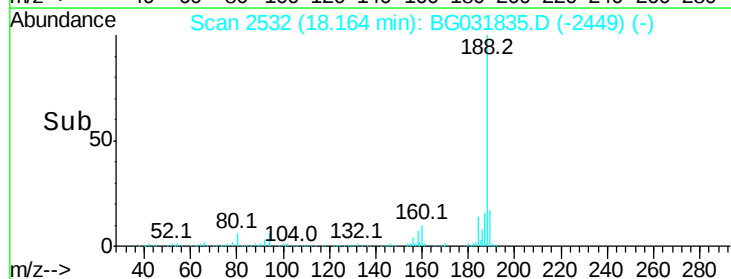
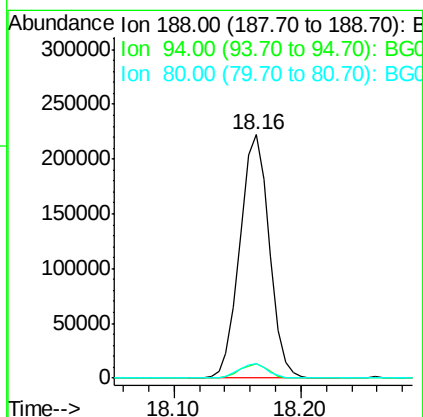
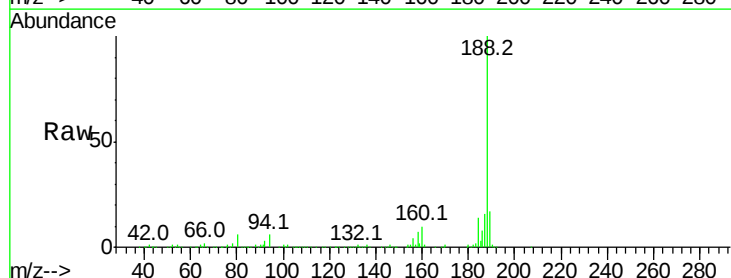
Instrument :
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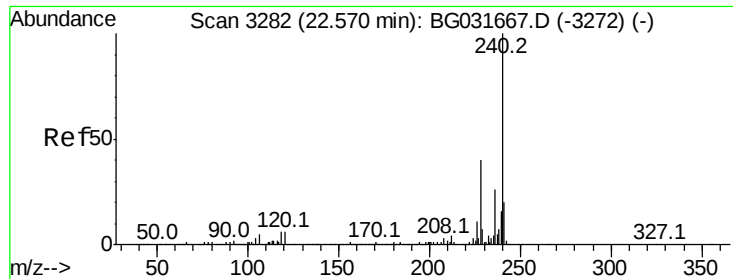
Tot Ion:172 Resp: 1017977
Ion Ratio Lower Upper
172 100
171 38.6 30.0 45.0
170 24.5 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031835.D
Acq: 28 Dec 2017 21:19

Tgt Ion:188 Resp: 356599
Ion Ratio Lower Upper
188 100
94 6.1 6.9 10.3#
80 5.8 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.51 min Scan# 3271

Delta R.T. -0.06 min

Lab File: BG031835.D

Acq: 28 Dec 2017 21:19

Instrument :

BNA_G

ClientSampleId :

OWS-2

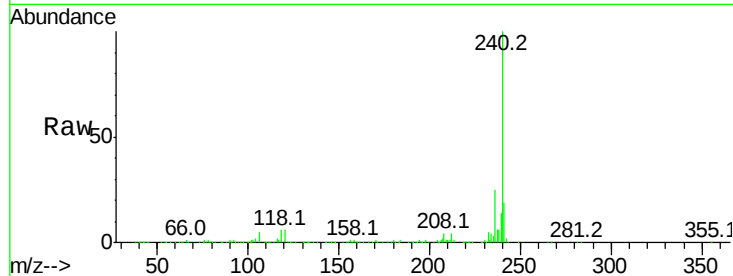
Tot Ion:240 Resp: 425984

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

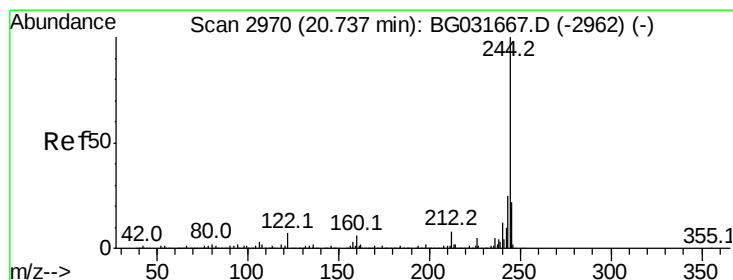
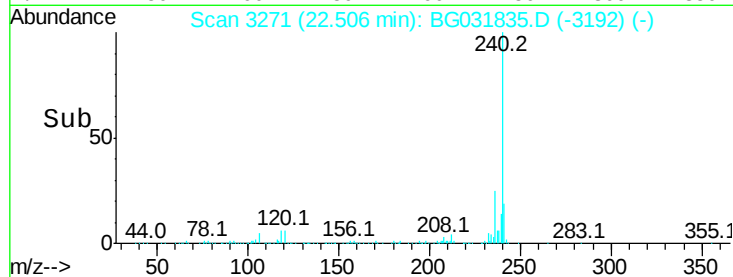
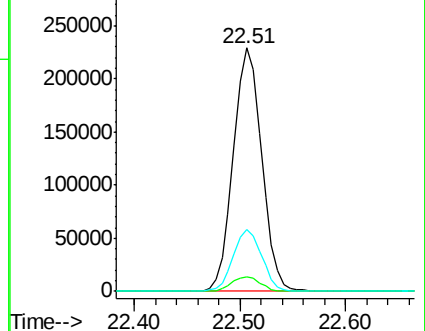
236 25.4 20.9 31.3



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: 88.973 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031835.D

Acq: 28 Dec 2017 21:19

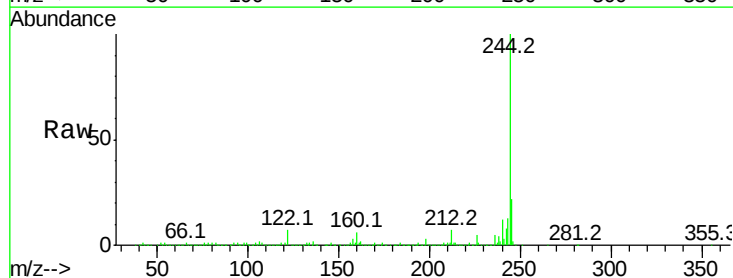
Tgt Ion:244 Resp: 1658941

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

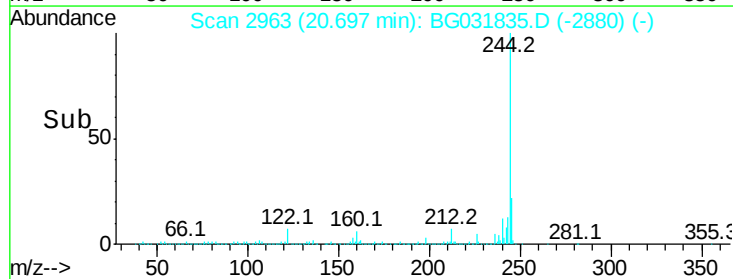
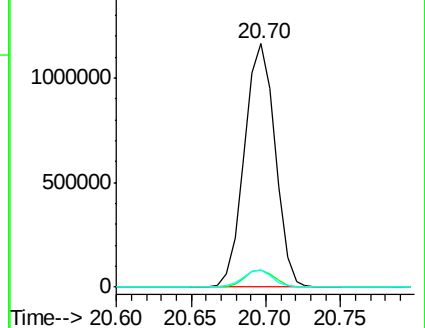
122 6.9 7.0 10.4#

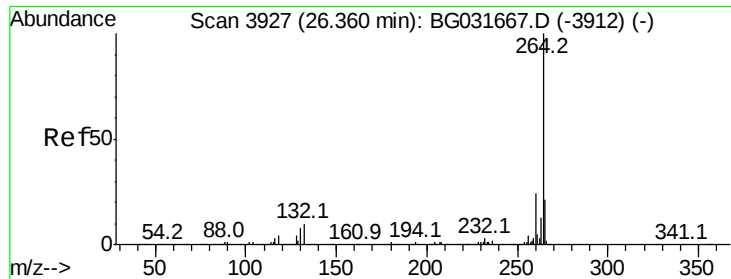


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.25 min Scan# 3909
Delta R.T. -0.10 min
Lab File: BG031835.D
Acq: 28 Dec 2017 21:19

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	22.4	17.7	26.5

