

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
 Data File : BG031745.D
 Acq On : 23 Dec 2017 12:40
 Operator : SJ/JU
 Sample : I6677-10
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-122117-A

Quant Time: Dec 26 00:20:17 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

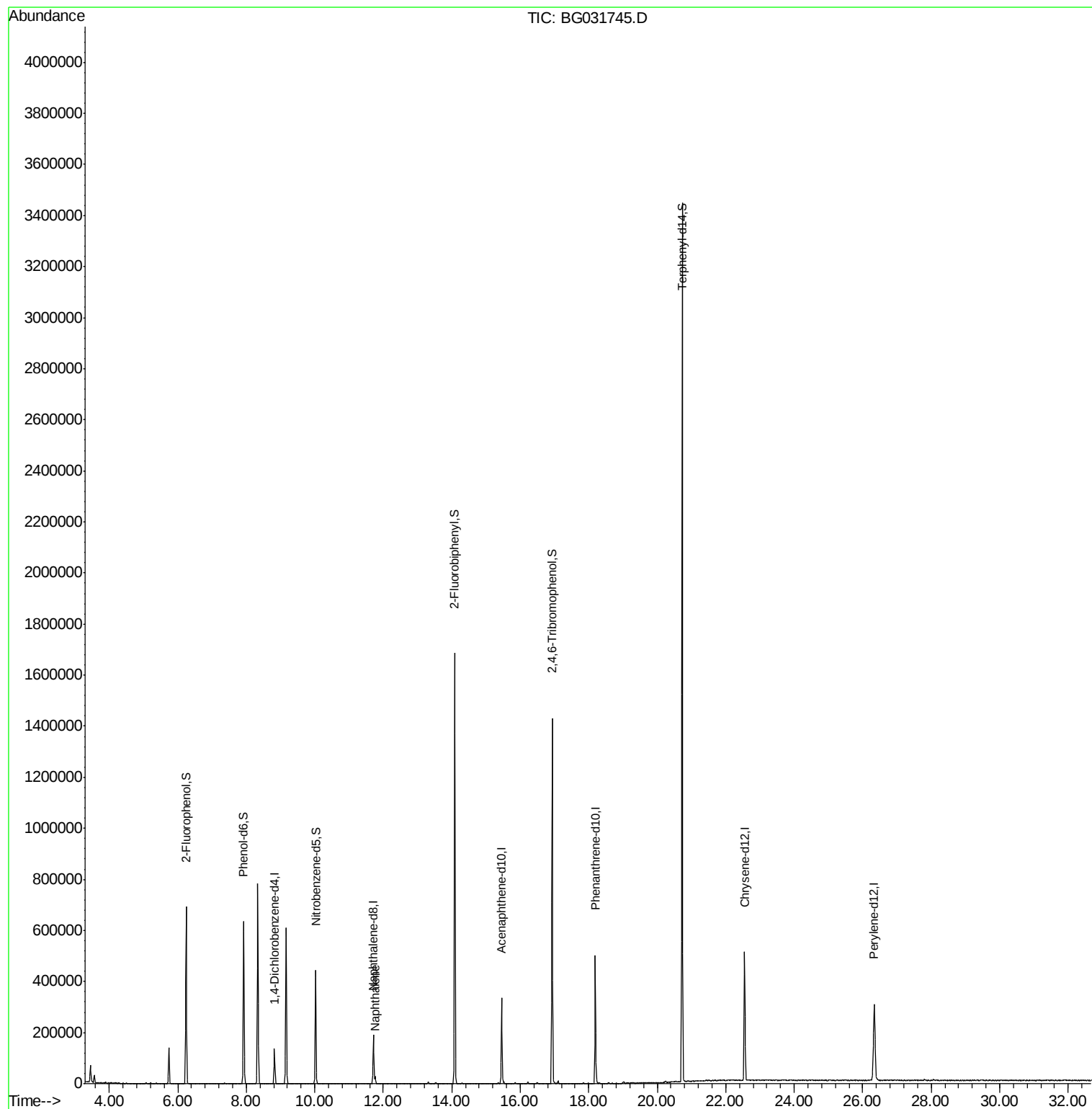
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	48236	20.00	ng	-0.02
21) Naphthalene-d8	11.71	136	195283	20.00	ng	-0.01
38) Acenaphthene-d10	15.46	164	130729	20.00	ng	-0.01
63) Phenanthrene-d10	18.19	188	339782	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	396783	20.00	ng	-0.02
86) Perylene-d12	26.33	264	430926	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	380363	143.62	ng	0.00
7) Phenol-d6	7.92	99	443043	128.85	ng	0.00
23) Nitrobenzene-d5	10.03	82	288666	111.62	ng	-0.01
41) 2,4,6-Tribromophenol	16.93	330	361068	181.01	ng	-0.01
44) 2-Fluorobiphenyl	14.09	172	1017188	97.66	ng	-0.01
78) Terphenyl-d14	20.73	244	1880287	108.27	ng	-0.01
Target Compounds						
31) Naphthalene	11.76	128	30173	3.062	ng	Qvalue # 96

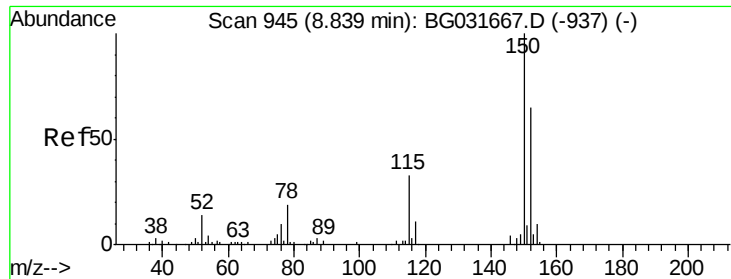
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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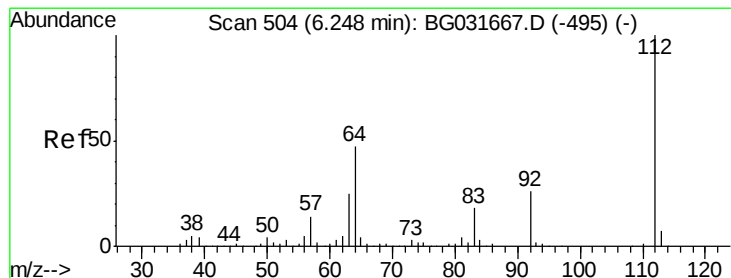
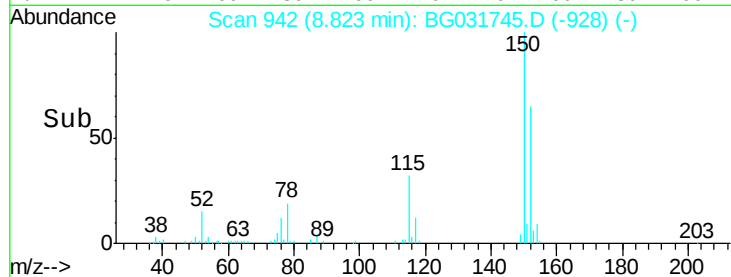
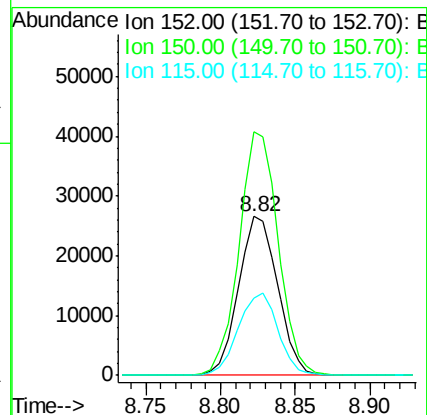
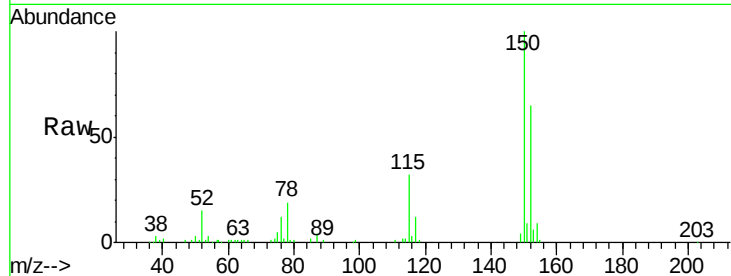


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.02 min
Lab File: BG031745.D
Acq: 23 Dec 2017 12:40

Instrument :
BNA_G
ClientSampleId :
OR-02-122117-A

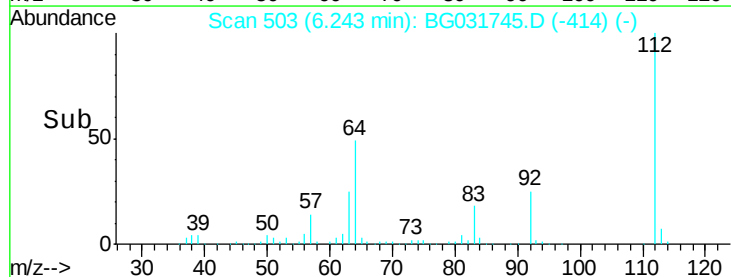
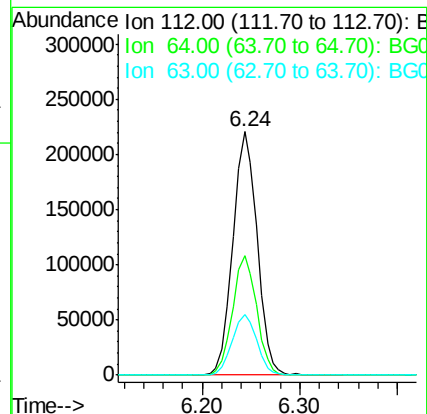
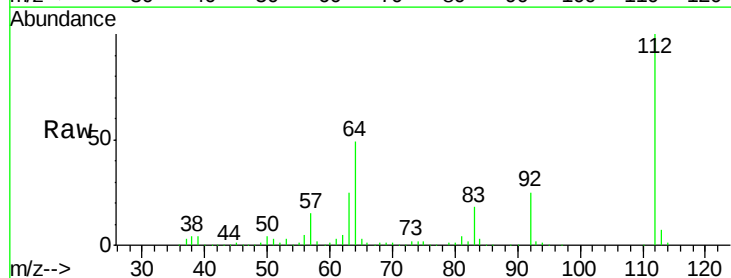
Tgt Ion:152 Resp: 48236
Ion Ratio Lower Upper
152 100
150 153.4 126.6 189.8
115 48.5 53.0 79.4#



#5

2-Fluorophenol
Concen: 143.625 ng
RT: 6.24 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG031745.D
Acq: 23 Dec 2017 12:40

Tgt Ion:112 Resp: 380363
Ion Ratio Lower Upper
112 100
64 49.0 56.3 84.5#
63 24.8 30.1 45.1#





#7

Phenol-d6

Concen: 128.852 ng

RT: 7.92 min Scan# 789

Delta R.T. -0.00 min

Lab File: BG031745.D

Acq: 23 Dec 2017 12:40

Instrument :

BNA_G

ClientSampleId :

OR-02-122117-A

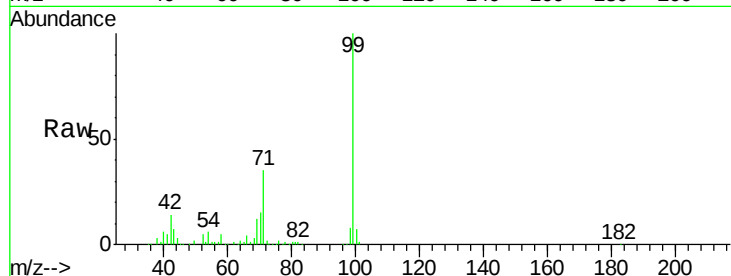
Tgt Ion: 99 Resp: 443043

Ion Ratio Lower Upper

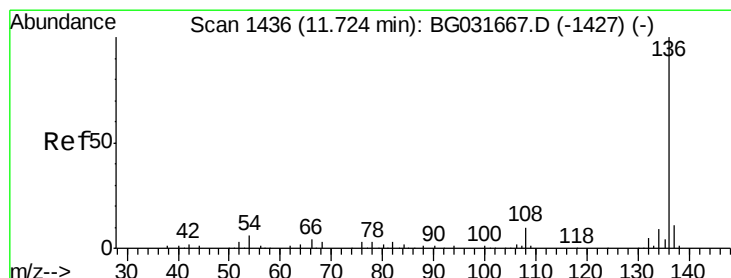
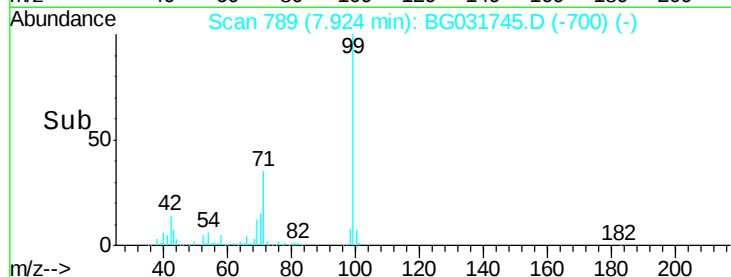
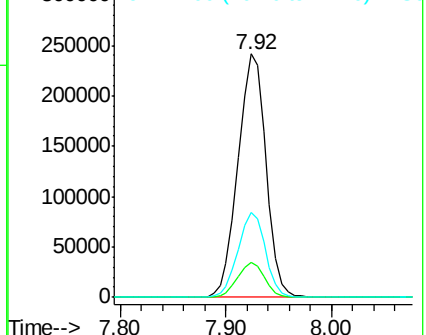
99 100

42 14.2 14.1 21.1

71 35.1 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.71 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BG031745.D

Acq: 23 Dec 2017 12:40

Tgt Ion: 136 Resp: 195283

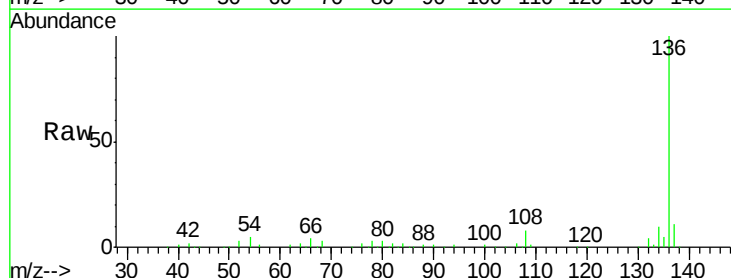
Ion Ratio Lower Upper

136 100

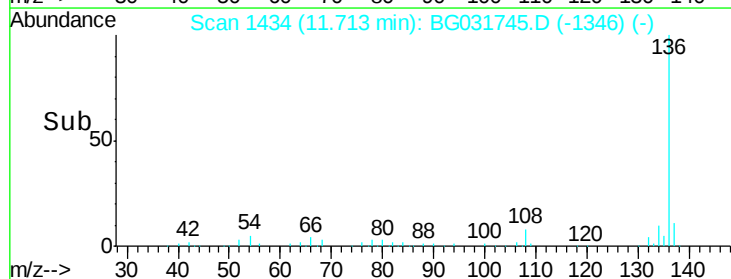
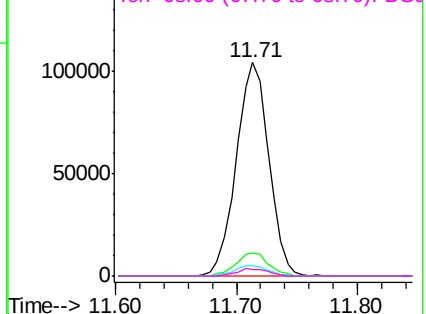
137 10.8 9.2 13.8

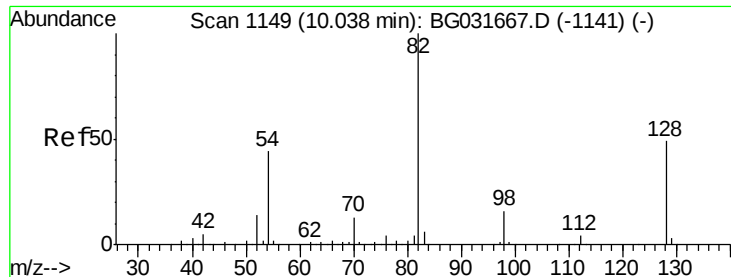
54 4.9 10.3 15.5#

68 3.1 4.5 6.7#



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

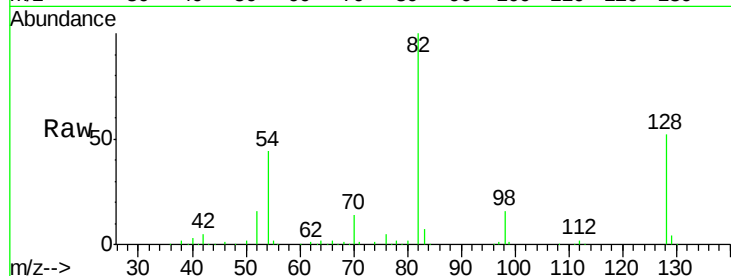




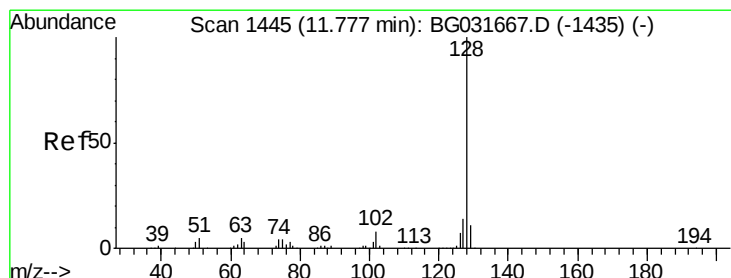
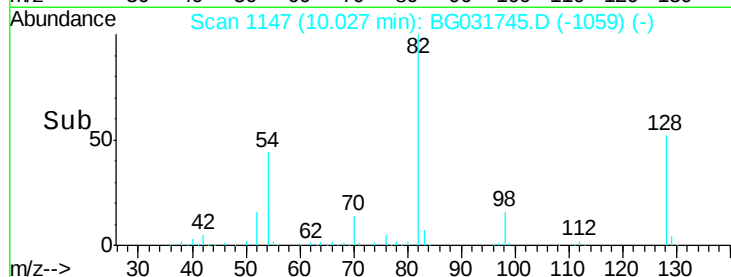
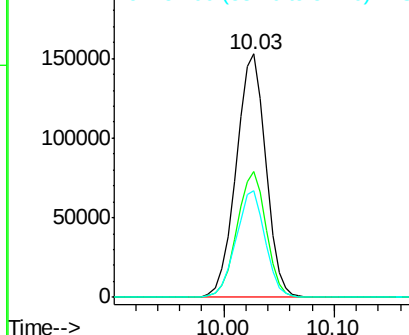
#23
 Nitrobenzene-d5
 Concen: 111.622 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BG031745.D
 Acq: 23 Dec 2017 12:40

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-122117-A

Tgt Ion: 82 Resp: 288666
 Ion Ratio Lower Upper
 82 100
 128 51.9 29.7 44.5#
 54 43.7 43.1 64.7

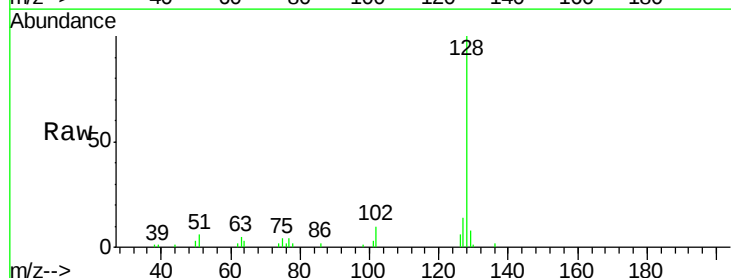


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

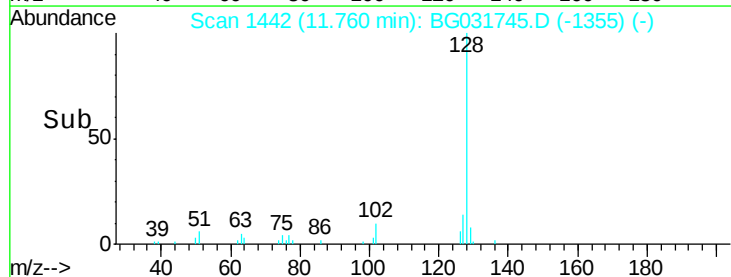
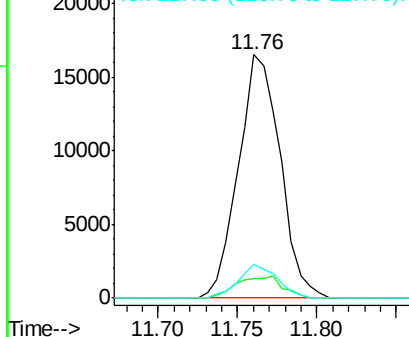


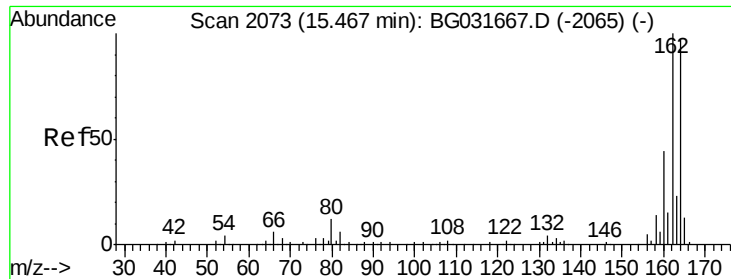
#31
 Naphthalene
 Concen: 3.062 ng
 RT: 11.76 min Scan# 1442
 Delta R.T. -0.02 min
 Lab File: BG031745.D
 Acq: 23 Dec 2017 12:40

Tgt Ion: 128 Resp: 30173
 Ion Ratio Lower Upper
 128 100
 129 8.0 8.6 12.8#
 127 13.7 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.46 min Scan# 2071

Delta R.T. -0.01 min

Lab File: BG031745.D

Acq: 23 Dec 2017 12:40

Instrument :

BNA_G

ClientSampleId :

OR-02-122117-A

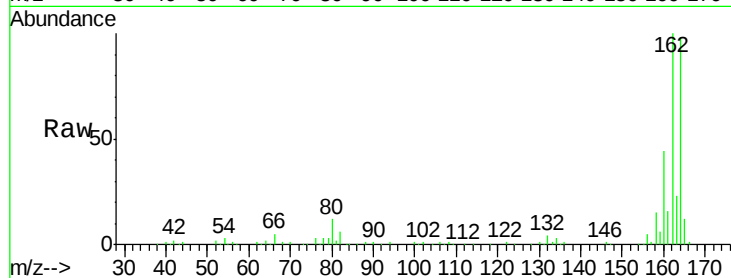
Tgt Ion:164 Resp: 130729

Ion Ratio Lower Upper

164 100

162 101.9 78.8 118.2

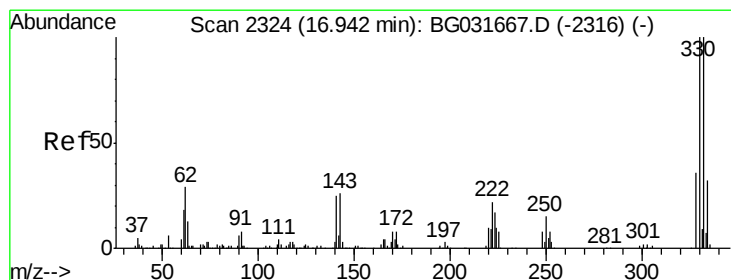
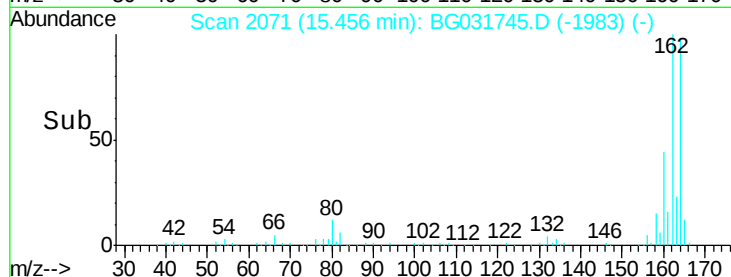
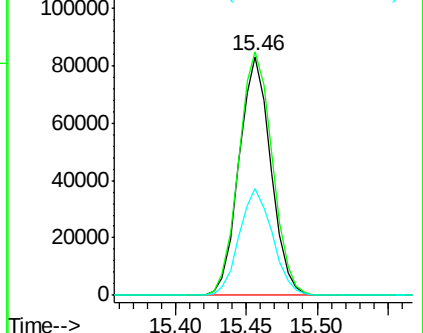
160 44.4 35.4 53.0



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: 181.010 ng

RT: 16.93 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BG031745.D

Acq: 23 Dec 2017 12:40

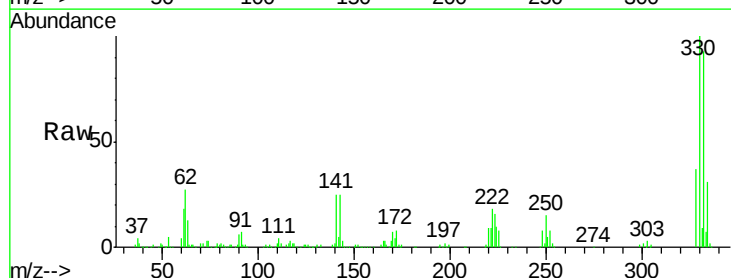
Tgt Ion:330 Resp: 361068

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

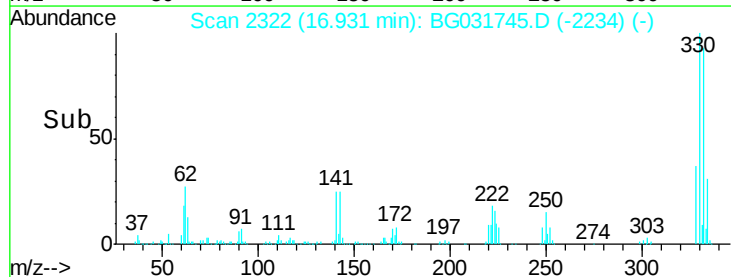
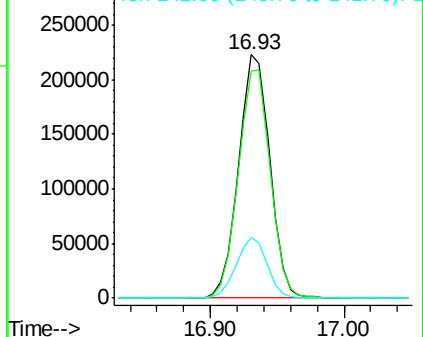
141 24.6 25.2 37.8#

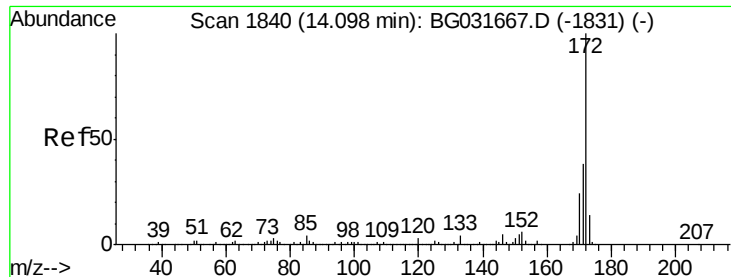


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

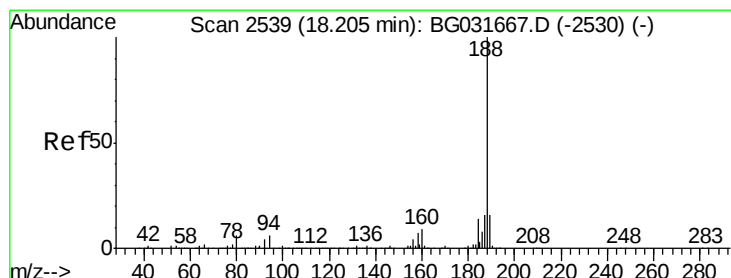
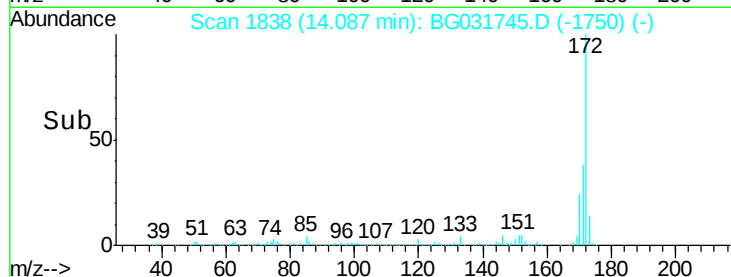
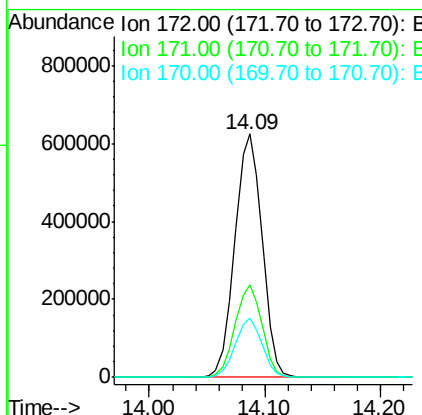
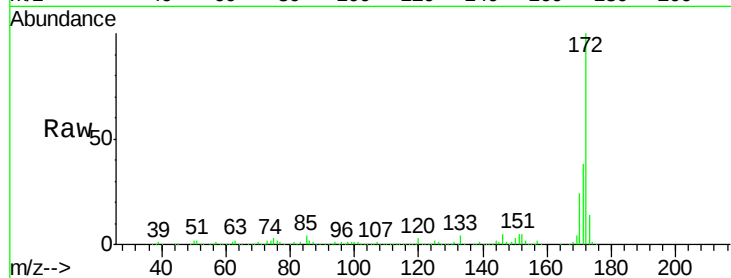




#44
 2-Fluorobiphenyl
 Concen: 97.661 ng
 RT: 14.09 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG031745.D
 Acq: 23 Dec 2017 12:40

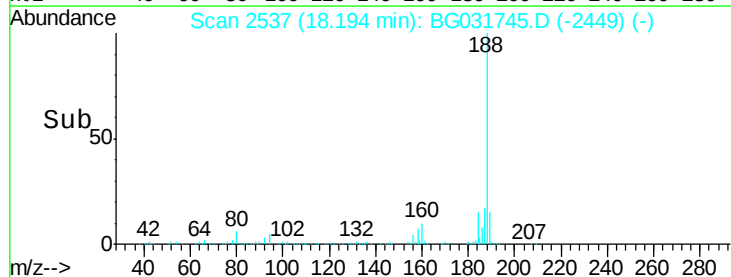
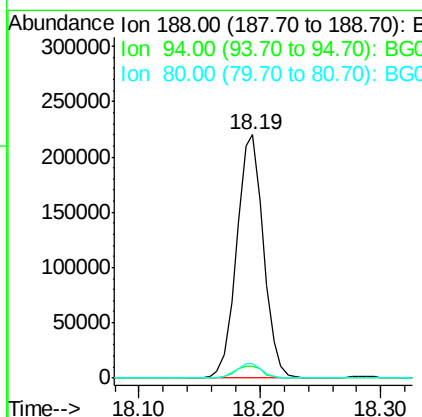
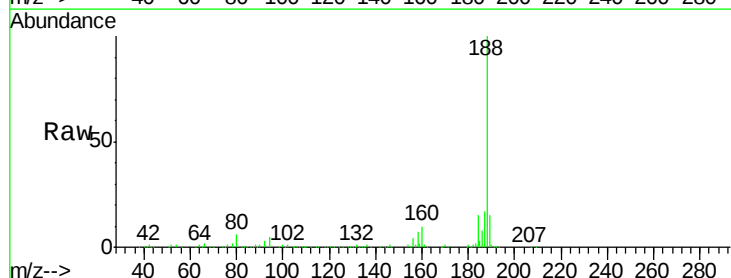
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 BNA_G
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 OR-02-122117-A

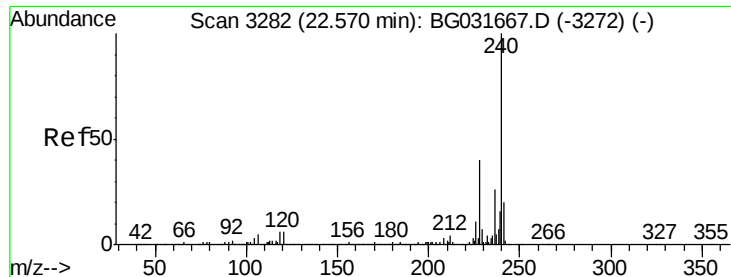
Tgt Ion:172 Resp: 1017188
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 24.2 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.19 min Scan# 2537
 Delta R.T. -0.01 min
 Lab File: BG031745.D
 Acq: 23 Dec 2017 12:40

Tgt Ion:188 Resp: 339782
 Ion Ratio Lower Upper
 188 100
 94 4.9 6.9 10.3#
 80 6.0 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.02 min

Lab File: BG031745.D

Acq: 23 Dec 2017 12:40

Instrument :

BNA_G

ClientSampleId :

OR-02-122117-A

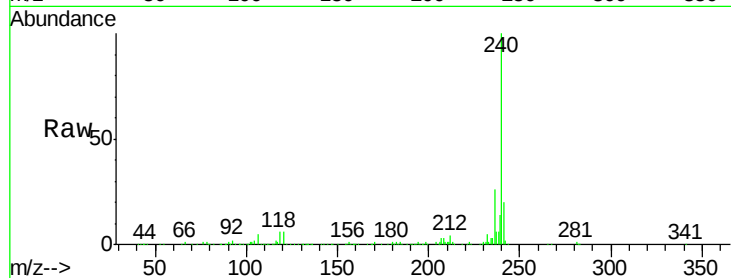
Tgt Ion:240 Resp: 396783

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

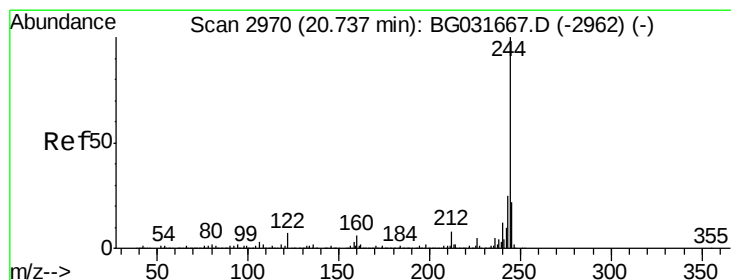
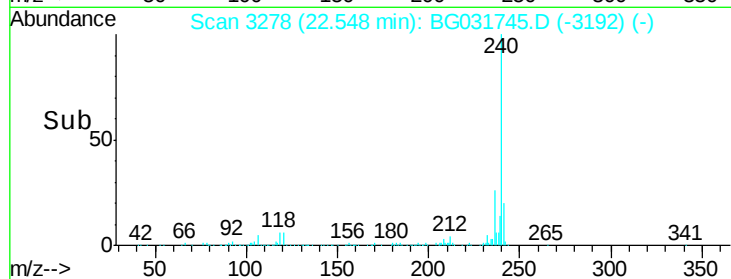
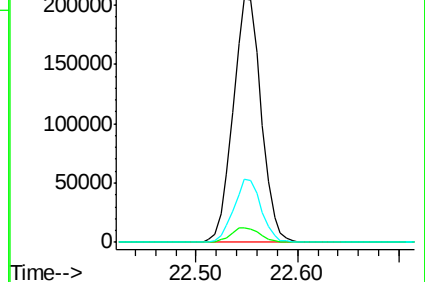
236 26.1 20.9 31.3



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: 108.266 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG031745.D

Acq: 23 Dec 2017 12:40

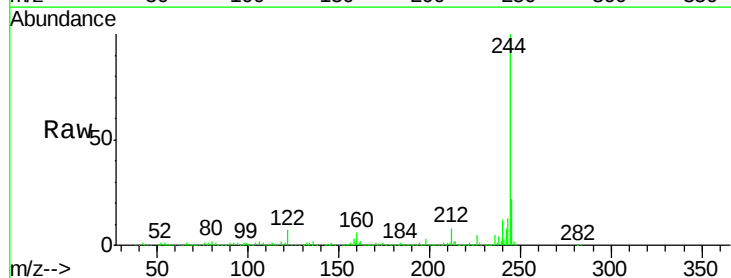
Tgt Ion:244 Resp: 1880287

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

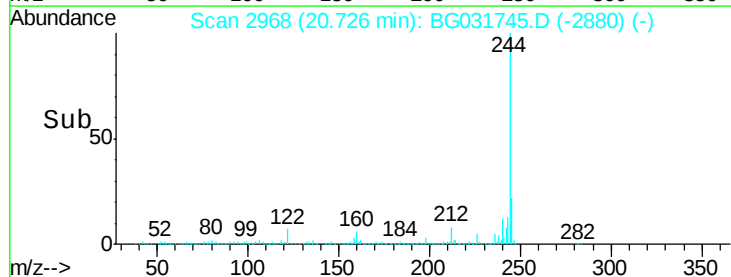
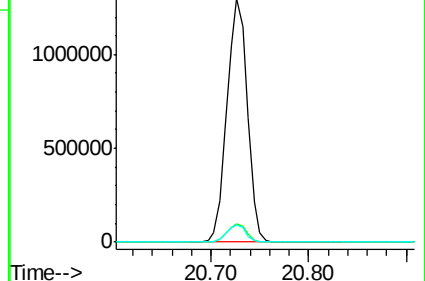
122 7.1 7.0 10.4

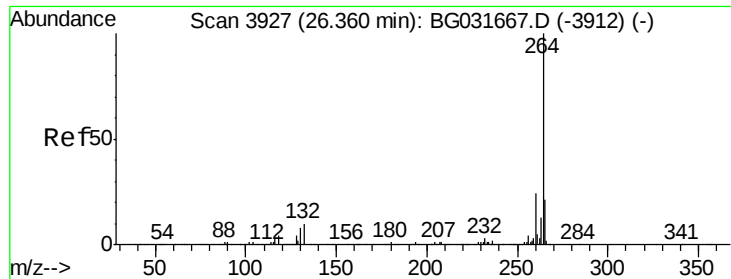


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.33 min Scan# 3922
Delta R.T. -0.03 min
Lab File: BG031745.D
Acq: 23 Dec 2017 12:40

Instrument :
BNA_G
ClientSampleId :
OR-02-122117-A

Tgt Ion: 264 Resp: 430926

Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	21.0	17.7	26.5

