

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121217\
 Data File : BG031512.D
 Acq On : 13 Dec 2017 4:18
 Operator : SJ/JU
 Sample : I6675-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-121117-B

Quant Time: Dec 13 05:59:15 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

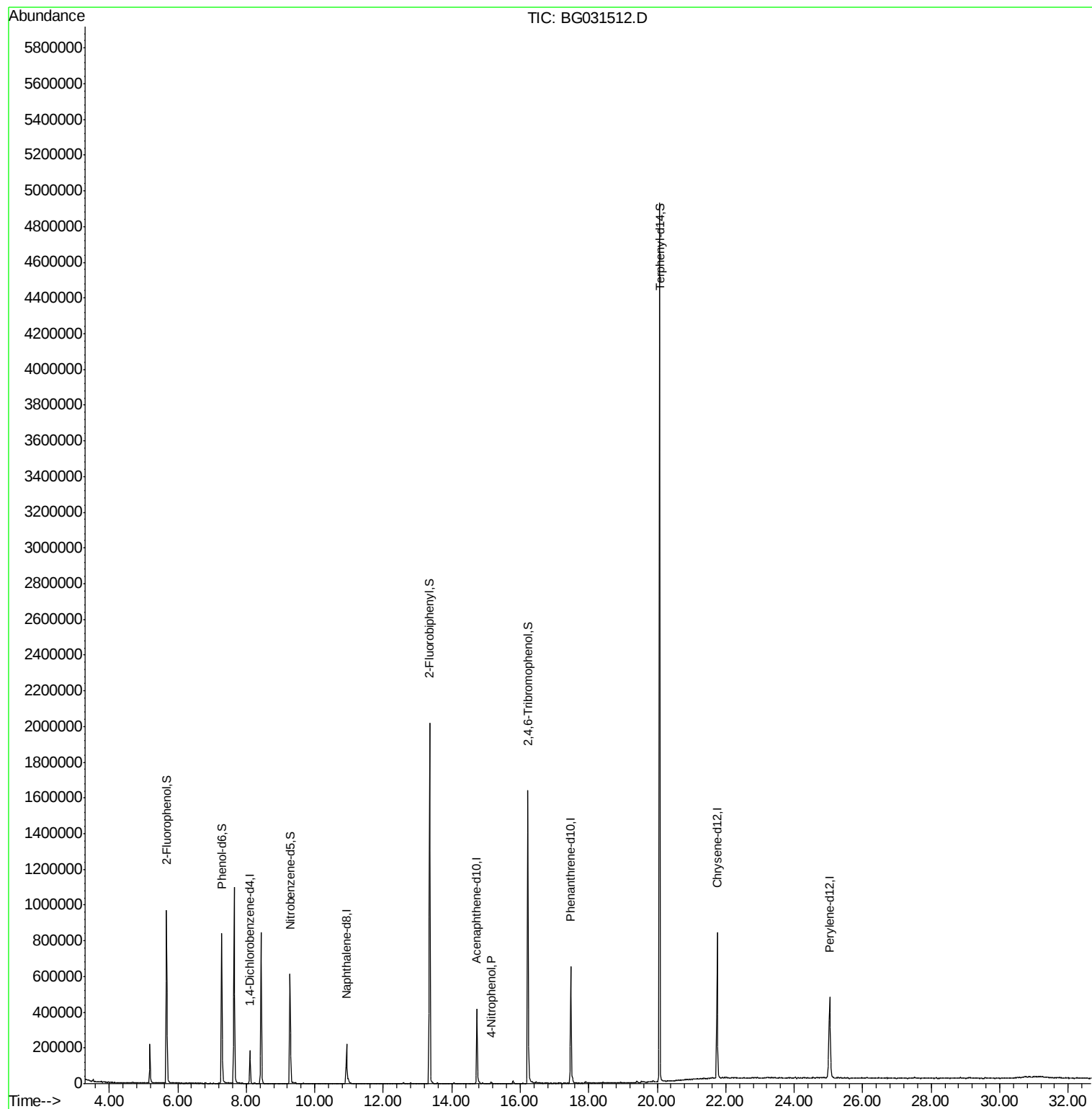
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	57270	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	246159	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	165111	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	447862	20.00	ng	0.00
75) Chrysene-d12	21.74	240	551427	20.00	ng	0.00
86) Perylene-d12	25.03	264	539558	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	488458	151.18	ng	0.00
7) Phenol-d6	7.28	99	566492	126.30	ng	0.01
23) Nitrobenzene-d5	9.27	82	421040	105.43	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	349987	180.93	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1185964	105.43	ng	0.00
78) Terphenyl-d14	20.07	244	2346076	96.80	ng	0.00
Target Compounds						
55) 4-Nitrophenol	15.15	139	2212	4.593	ng	Qvalue # 1

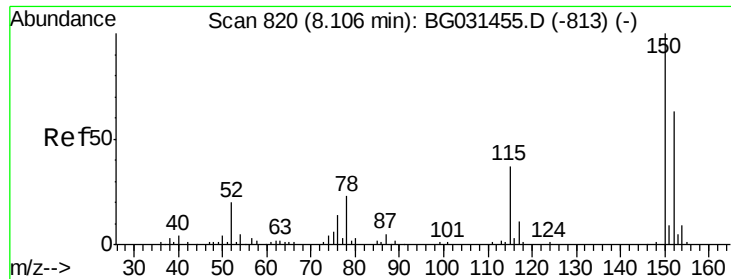
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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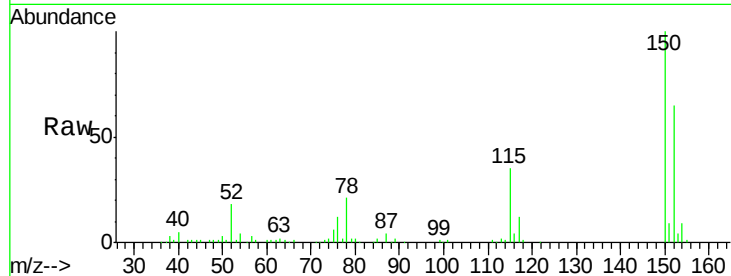




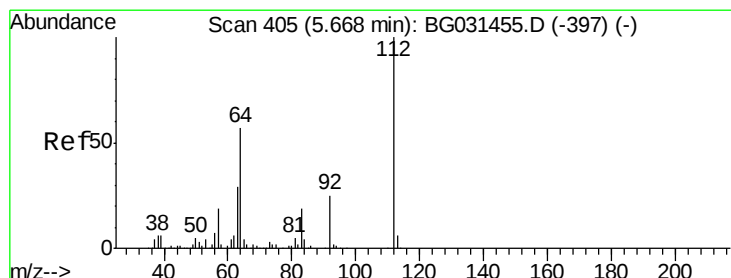
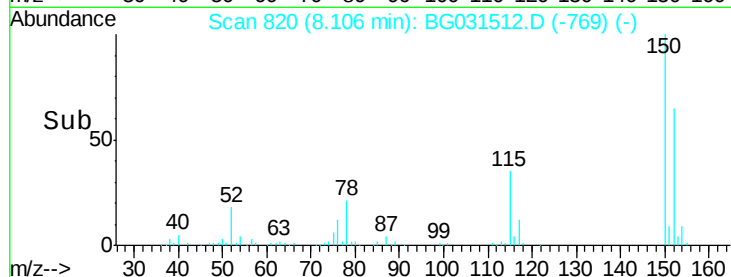
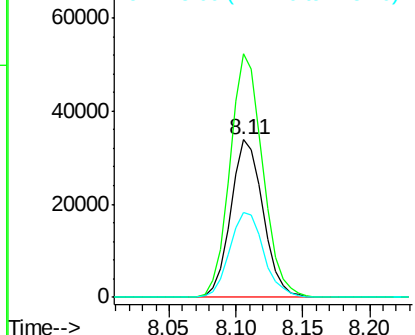
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG031512.D
 Acq: 13 Dec 2017 4:18

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-121117-B

Tot Ion:152 Resp: 57270
 Ion Ratio Lower Upper
 152 100
 150 154.5 126.6 189.8
 115 53.7 53.0 79.4

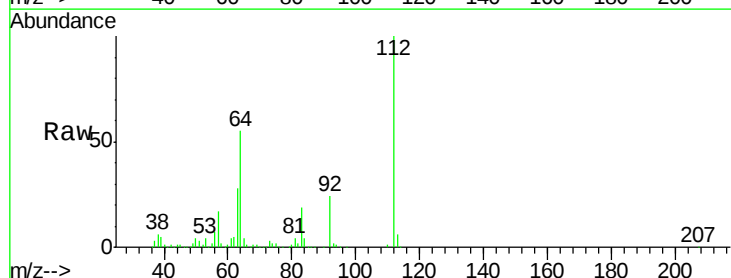


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

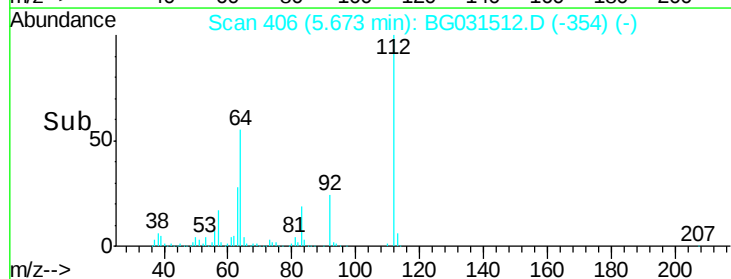
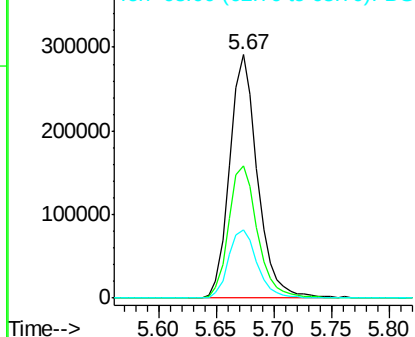


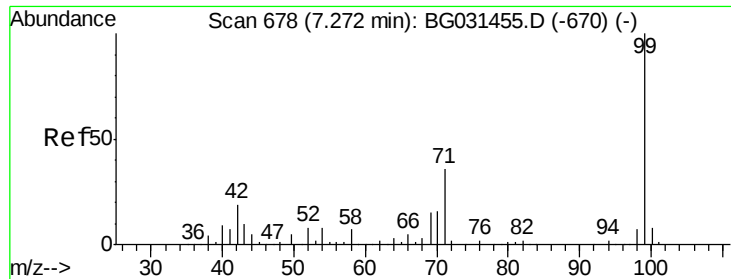
#5
 2-Fluorophenol
 Concen: 151.179 ng
 RT: 5.67 min Scan# 406
 Delta R.T. 0.01 min
 Lab File: BG031512.D
 Acq: 13 Dec 2017 4:18

Tgt Ion:112 Resp: 488458
 Ion Ratio Lower Upper
 112 100
 64 54.5 56.3 84.5#
 63 28.0 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 126.297 ng

RT: 7.28 min Scan# 680

Delta R.T. 0.01 min

Lab File: BG031512.D

Acq: 13 Dec 2017 4:18

Instrument :

BNA_G

ClientSampleId :

SU-03-121117-B

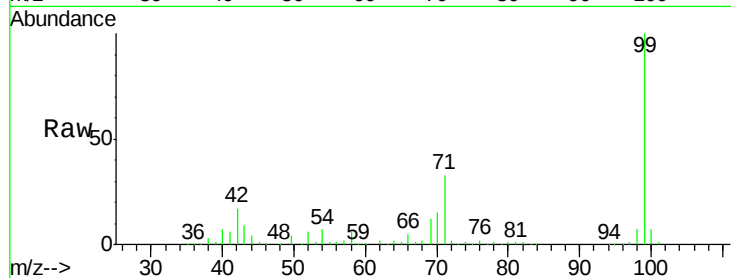
Tot Ion: 99 Resp: 566492

Ion Ratio Lower Upper

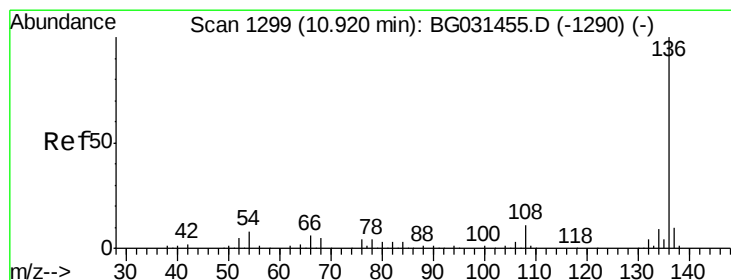
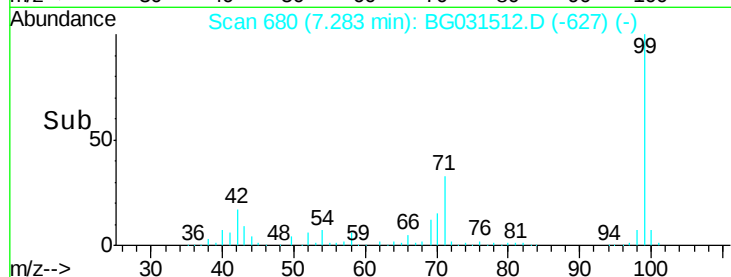
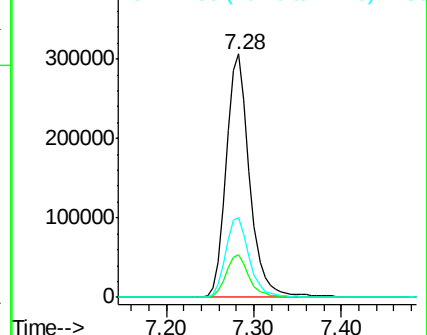
99 100

42 17.3 14.1 21.1

71 32.6 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: 10.93 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BG031512.D

Acq: 13 Dec 2017 4:18

Tgt Ion: 136 Resp: 246159

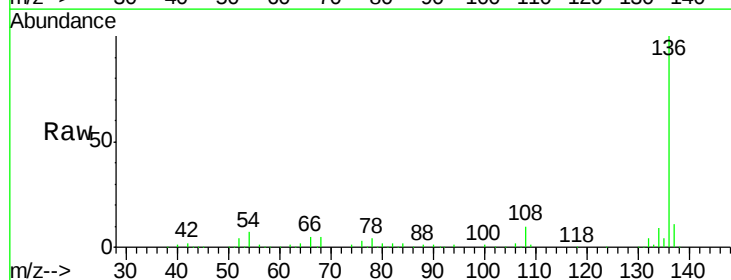
Ion Ratio Lower Upper

136 100

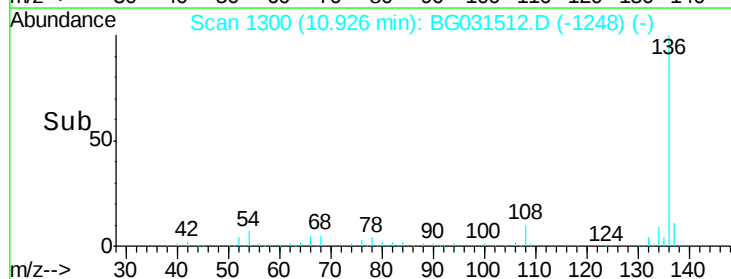
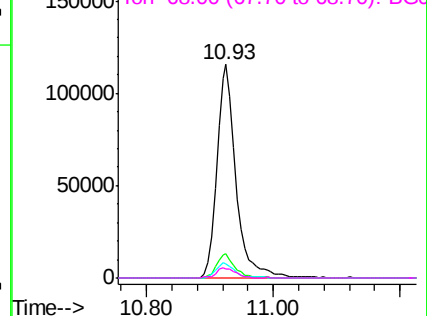
137 11.2 9.2 13.8

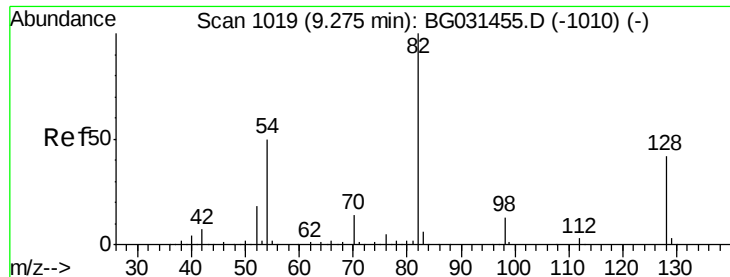
54 6.6 10.3 15.5#

68 4.5 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

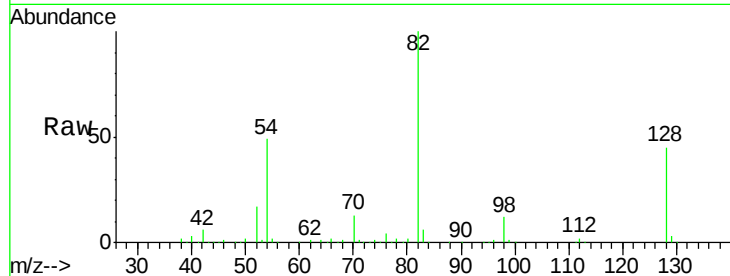




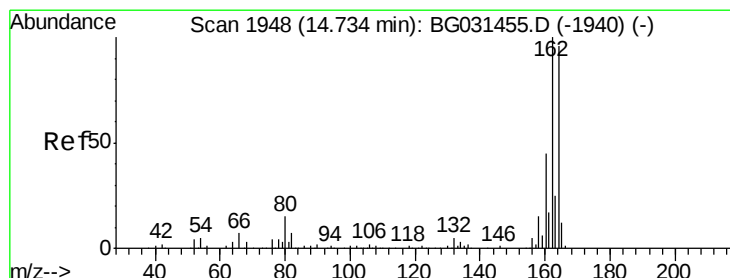
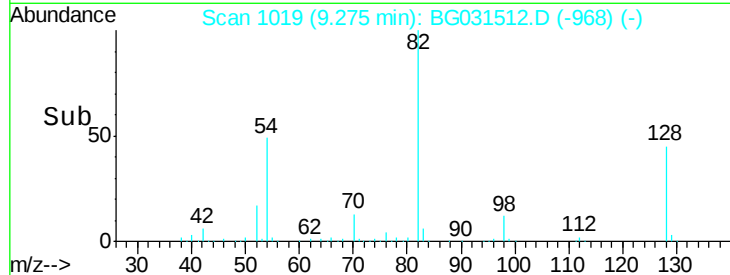
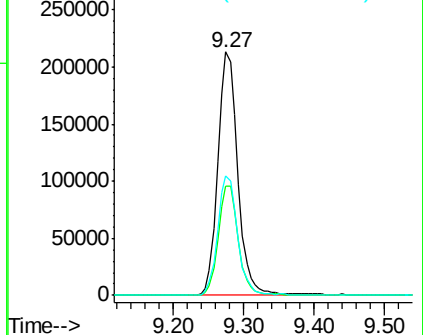
#23
 Nitrobenzene-d5
 Concen: 105.426 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG031512.D
 Acq: 13 Dec 2017 4:18

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-121117-B

Tot Ion: 82 Resp: 421040
 Ion Ratio Lower Upper
 82 100
 128 44.7 29.7 44.5#
 54 49.2 43.1 64.7

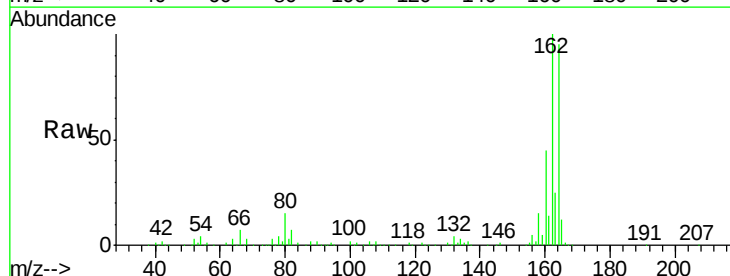


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

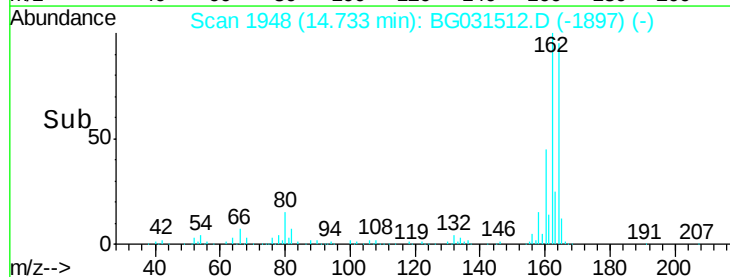
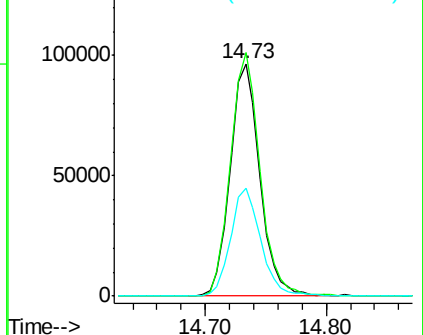


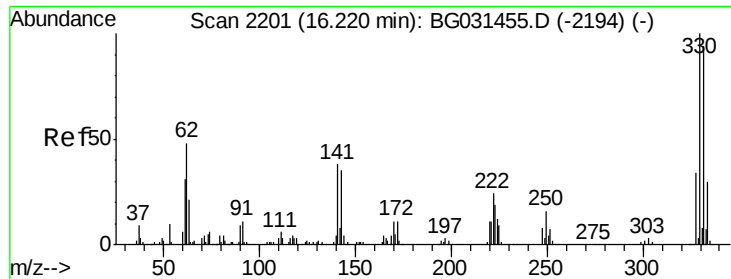
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: BG031512.D
 Acq: 13 Dec 2017 4:18

Tgt Ion:164 Resp: 165111
 Ion Ratio Lower Upper
 164 100
 162 104.9 78.8 118.2
 160 46.7 35.4 53.0



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

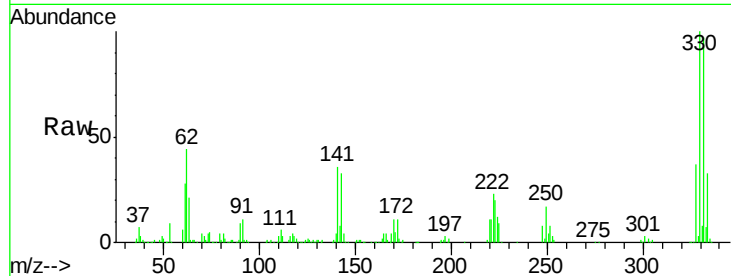




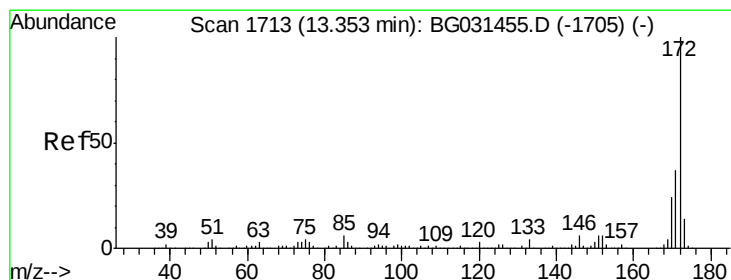
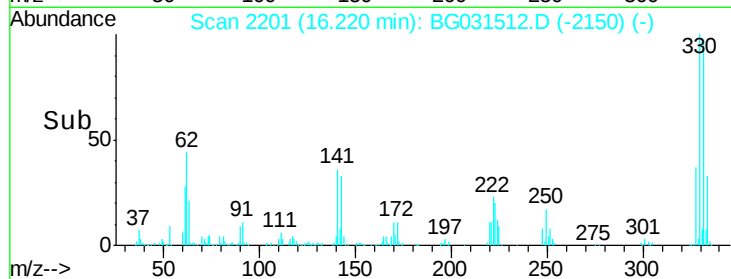
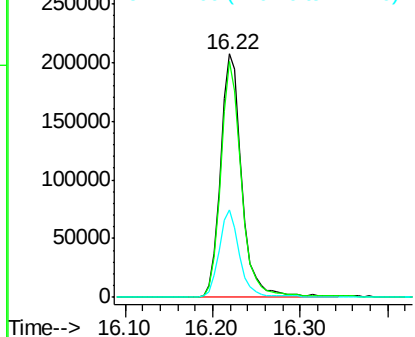
#41
 2,4,6-Tribromophenol
 Concen: 180.933 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031512.D
 Acq: 13 Dec 2017 4:18

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-121117-B

Tot Ion:330 Resp: 349987
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 34.8 25.2 37.8

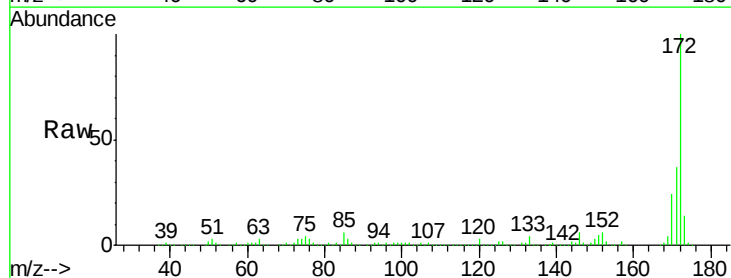


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

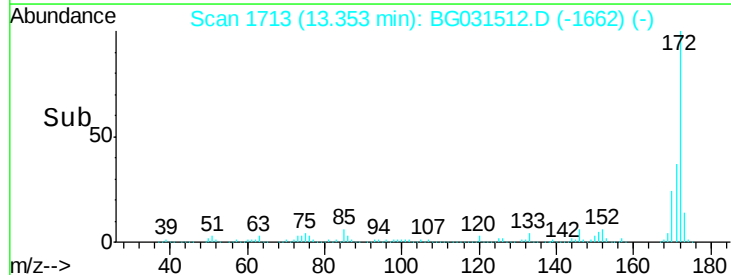
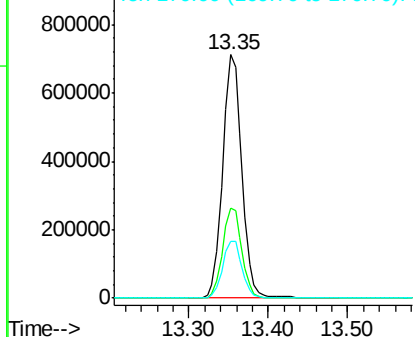


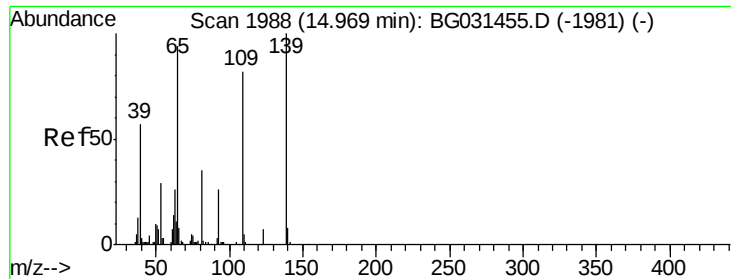
#44
 2-Fluorobiphenyl
 Concen: 105.435 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031512.D
 Acq: 13 Dec 2017 4:18

Tgt Ion:172 Resp: 1185964
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.0 45.0
 170 23.5 19.5 29.3



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





#55

4-Nitrophenol

Concen: 4.593 ng

RT: 15.15 min Scan# 2019

Delta R.T. 0.18 min

Lab File: BG031512.D

Acq: 13 Dec 2017 4:18

Instrument :

BNA_G

ClientSampleId :

SU-03-121117-B

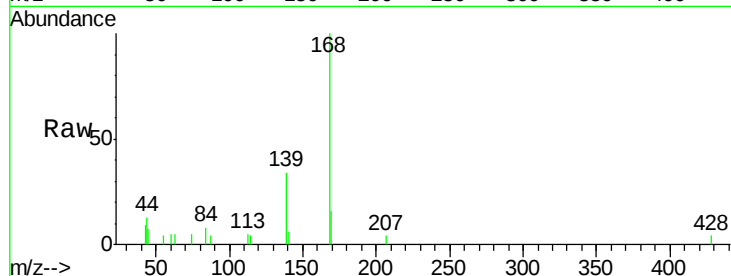
Tot Ion:139 Resp: 2212

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

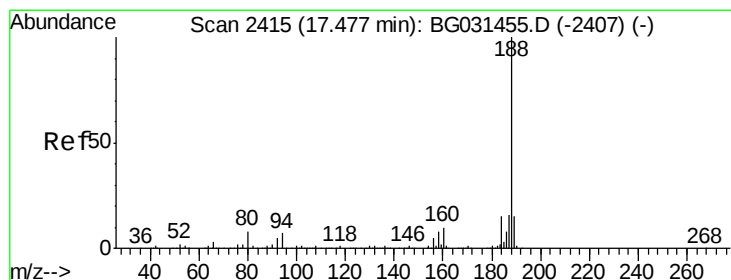
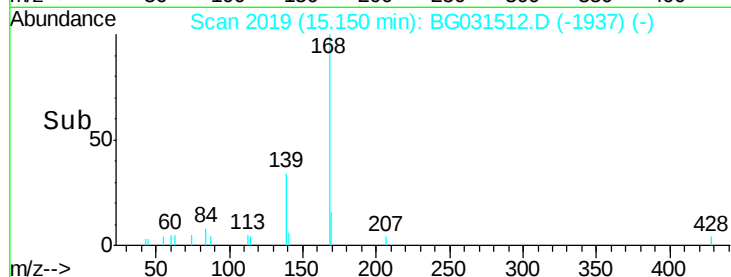
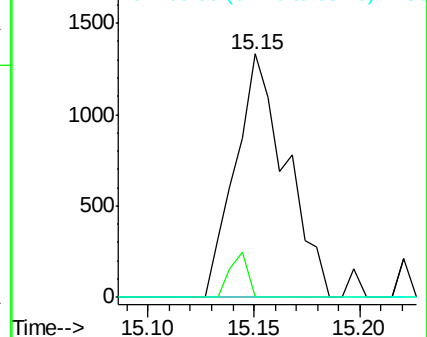
65 0.0 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BG031512.D

Acq: 13 Dec 2017 4:18

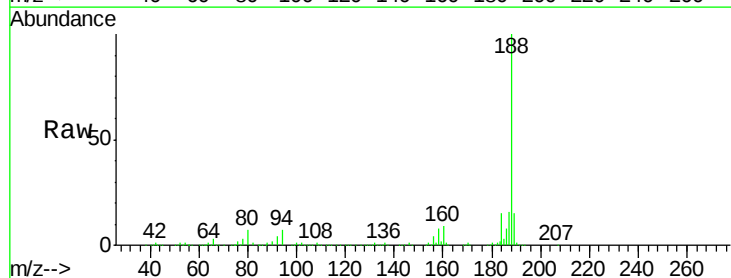
Tgt Ion:188 Resp: 447862

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

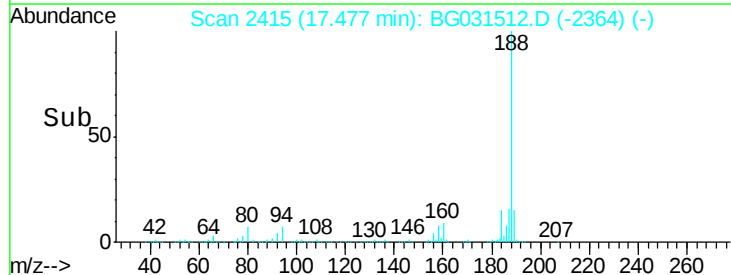
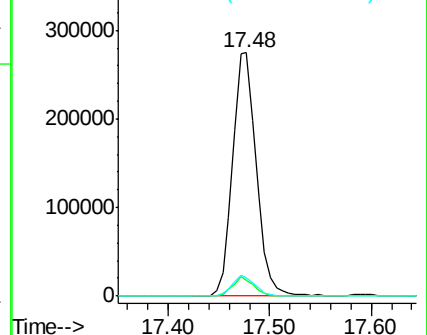
80 7.3 7.7 11.5#

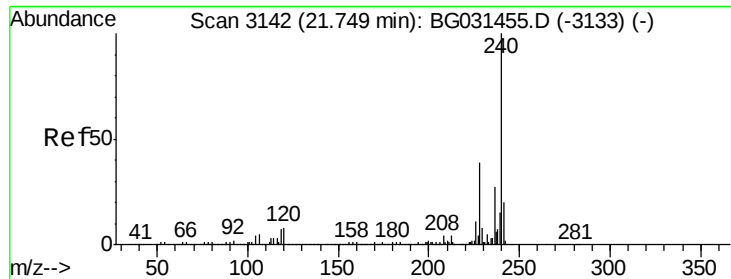


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG031512.D

Acq: 13 Dec 2017 4:18

Instrument :

BNA_G

ClientSampleId :

SU-03-121117-B

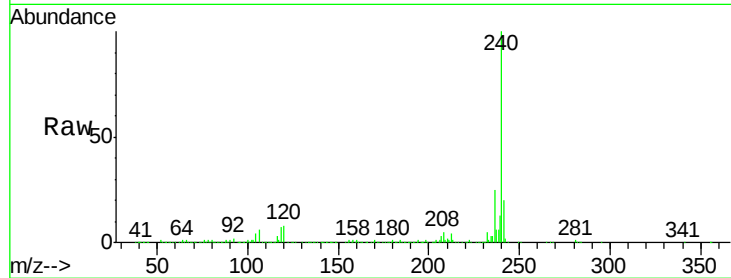
Tot Ion:240 Resp: 551427

Ion Ratio Lower Upper

240 100

120 8.3 6.8 10.2

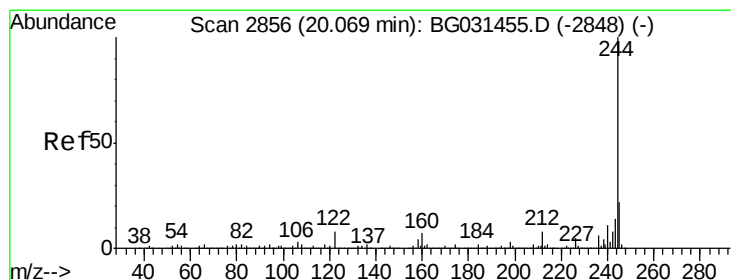
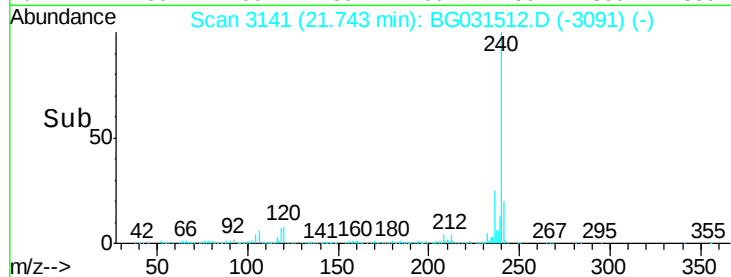
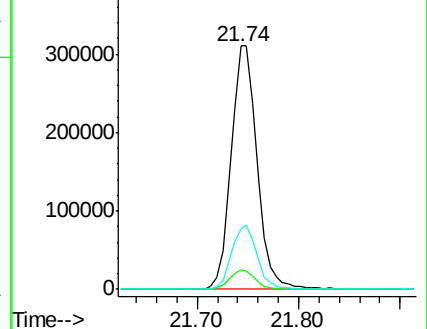
236 25.1 20.9 31.3



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: 96.798 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG031512.D

Acq: 13 Dec 2017 4:18

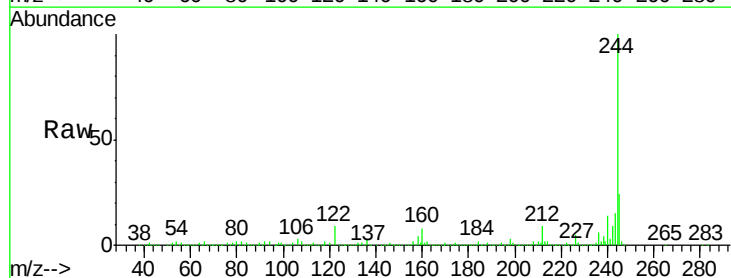
Tgt Ion:244 Resp: 2346076

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

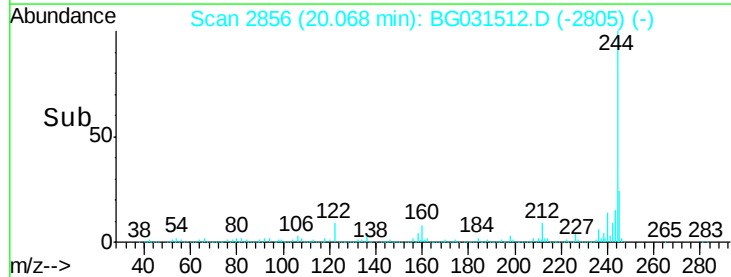
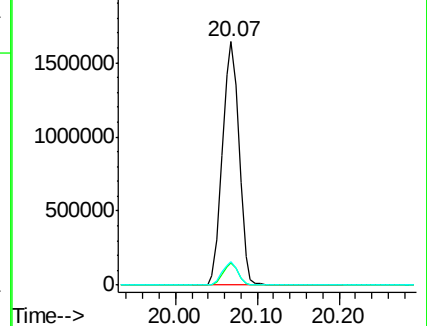
122 9.4 7.0 10.4

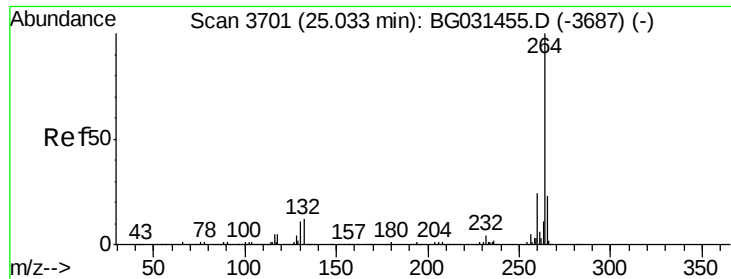


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.03 min Scan# 3700
 Delta R.T. -0.01 min
 Lab File: BG031512.D
 Acq: 13 Dec 2017 4:18

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-121117-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	21.7	17.7	26.5

