

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112917\
 Data File : BG031274.D
 Acq On : 29 Nov 2017 17:15
 Operator : SJ/JU
 Sample : I6302-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-112817-A

Quant Time: Nov 30 03:53:04 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

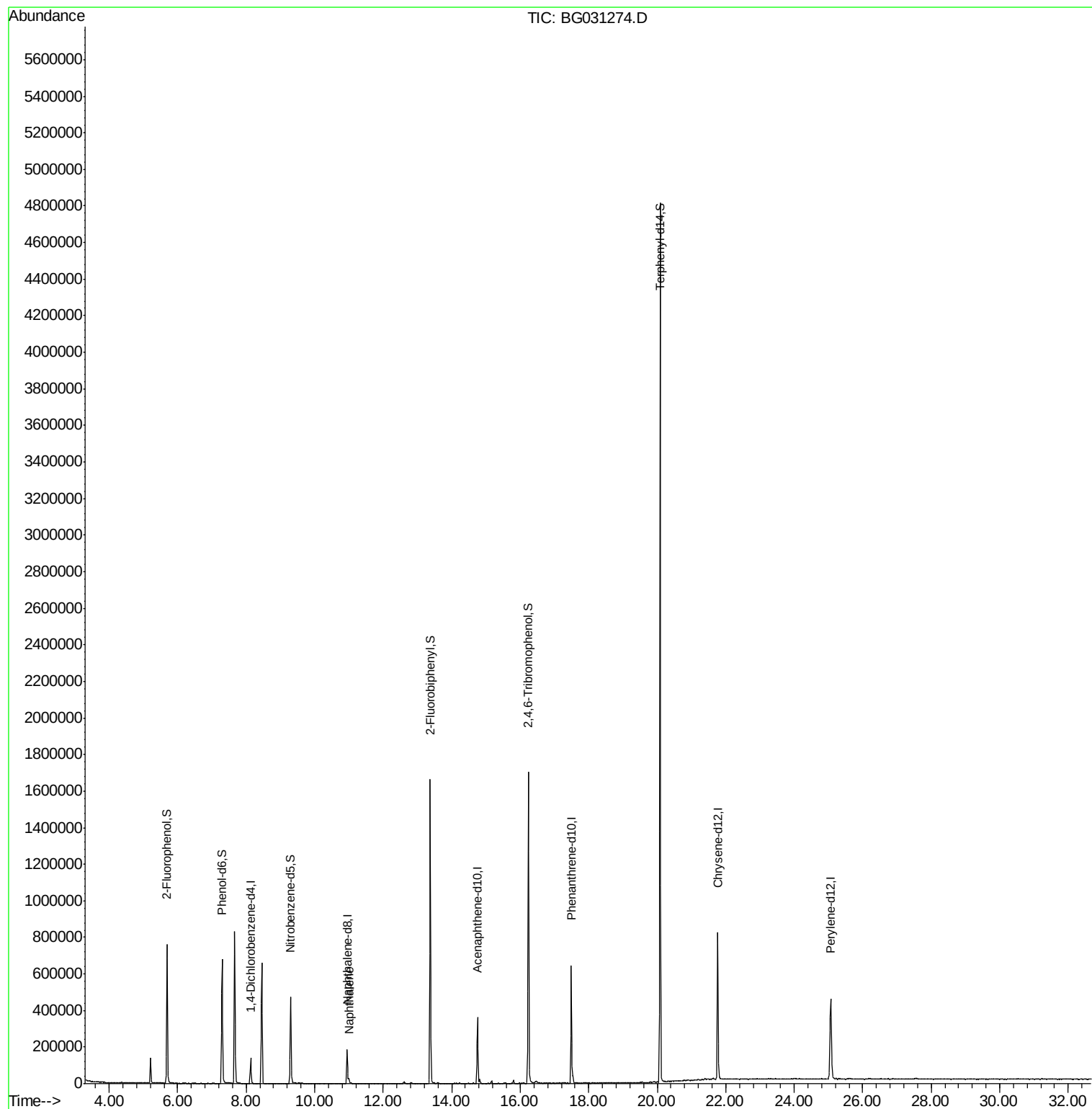
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	44401	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	195393	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	136409	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	438183	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	535247	20.00	ng	-0.02
86) Perylene-d12	25.06	264	517302	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	381741	147.43	ng	-0.02
7) Phenol-d6	7.30	99	457431	131.13	ng	0.00
23) Nitrobenzene-d5	9.29	82	322880	97.92	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	353462	160.18	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	987576	104.03	ng	-0.03
78) Terphenyl-d14	20.09	244	2360463	97.38	ng	0.00
Target Compounds						
31) Naphthalene	11.00	128	23831	2.481	ng	Qvalue 98

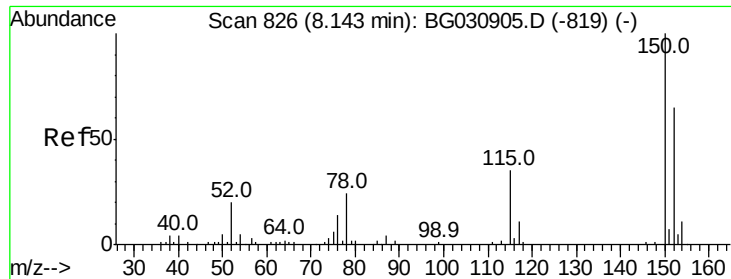
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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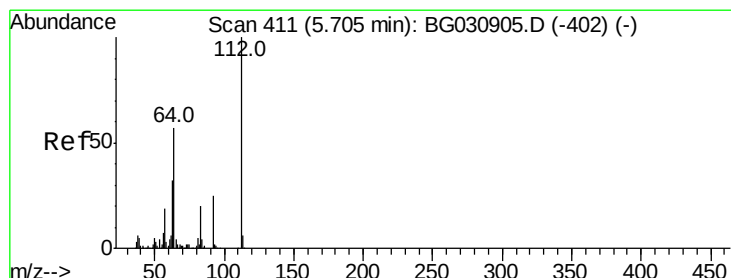
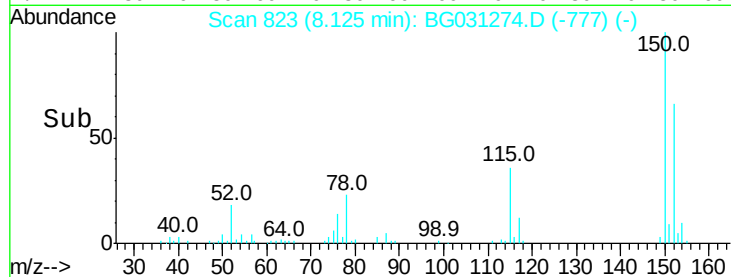
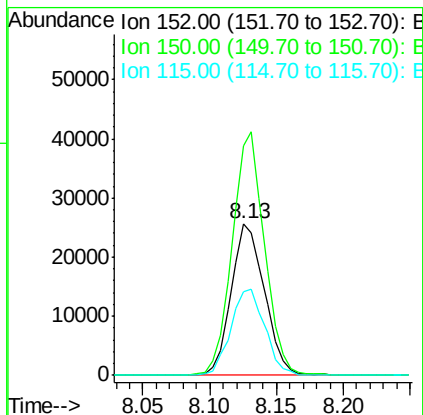
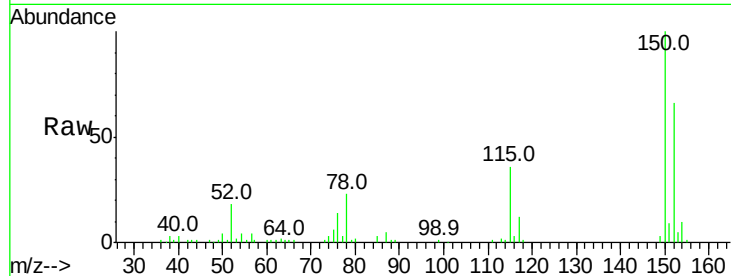


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.03 min
Lab File: BG031274.D
Acq: 29 Nov 2017 17:15

Instrument :
BNA_G
ClientSampleId :
HR-06-112817-A

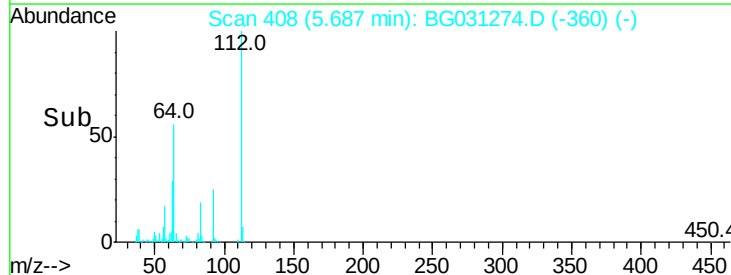
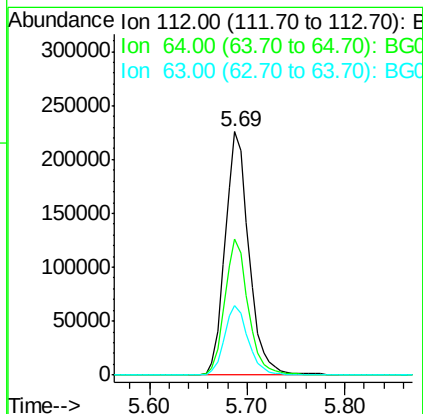
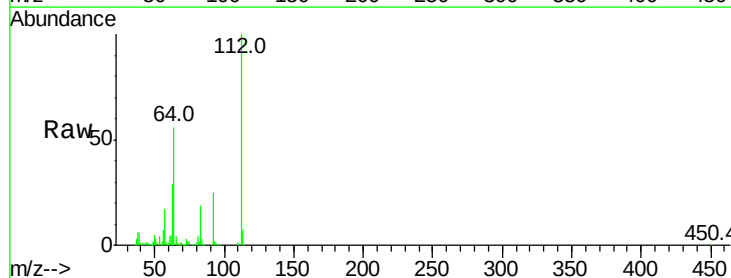
Tot Ion:152 Resp: 44401
Ion Ratio Lower Upper
152 100
150 151.0 126.6 189.8
115 54.8 53.0 79.4

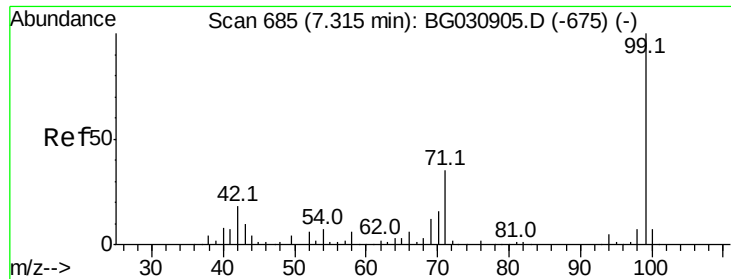


#5

2-Fluorophenol
Concen: 147.428 ng
RT: 5.69 min Scan# 408
Delta R.T. -0.02 min
Lab File: BG031274.D
Acq: 29 Nov 2017 17:15

Tgt Ion:112 Resp: 381741
Ion Ratio Lower Upper
112 100
64 56.0 56.3 84.5#
63 28.7 30.1 45.1#





#7

Phenol-d6

Concen: 131.129 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031274.D

Acq: 29 Nov 2017 17:15

Instrument :

BNA_G

ClientSampleId :

HR-06-112817-A

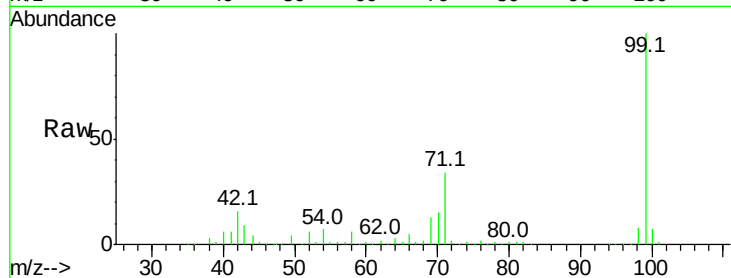
Tot Ion: 99 Resp: 457431

Ion Ratio Lower Upper

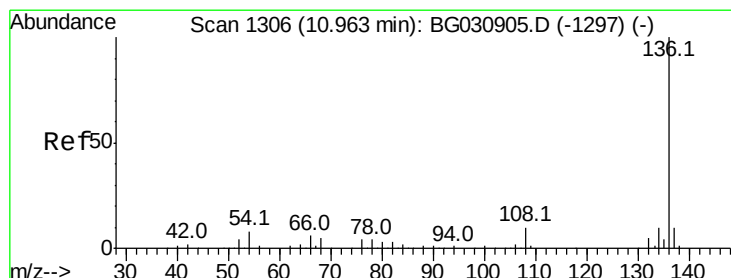
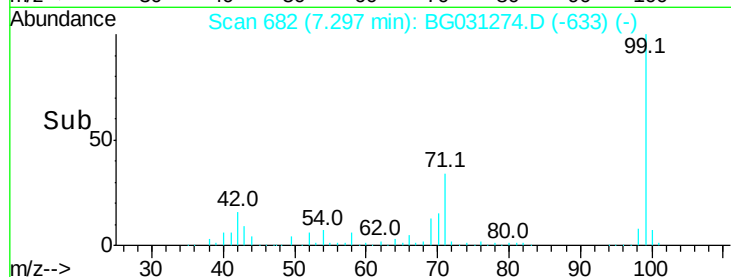
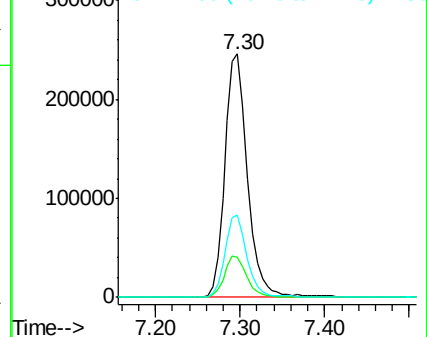
99 100

42 16.5 14.1 21.1

71 33.9 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: 10.95 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031274.D

Acq: 29 Nov 2017 17:15

Tgt Ion: 136 Resp: 195393

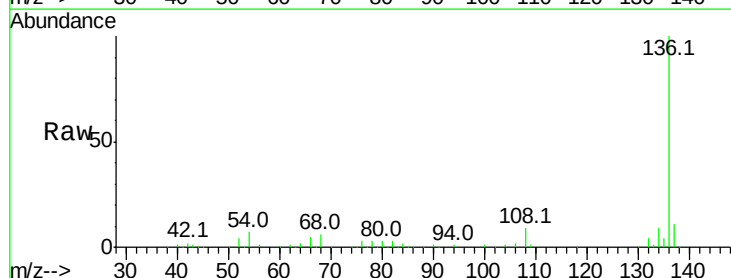
Ion Ratio Lower Upper

136 100

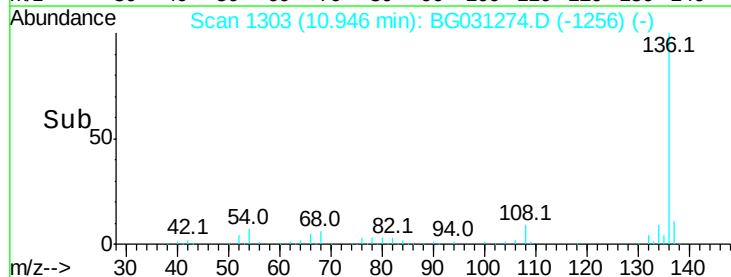
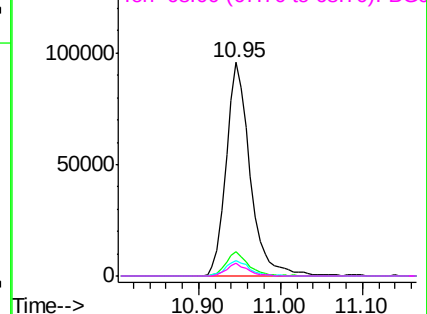
137 11.3 9.2 13.8

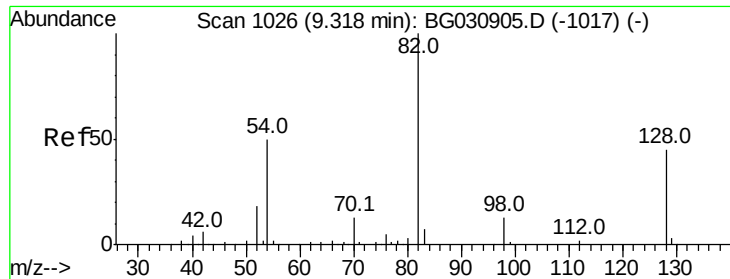
54 7.4 10.3 15.5#

68 6.0 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

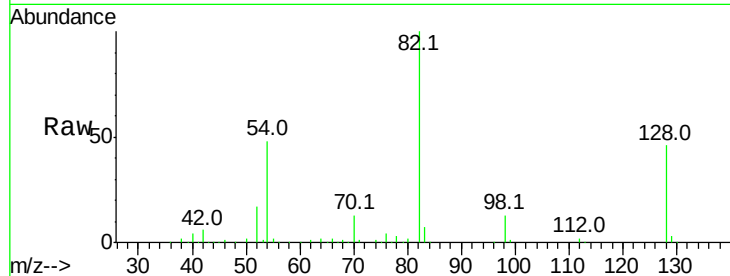




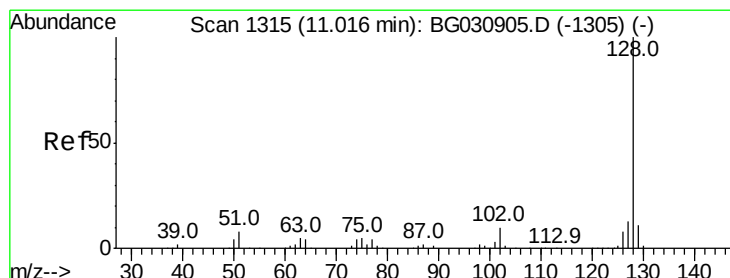
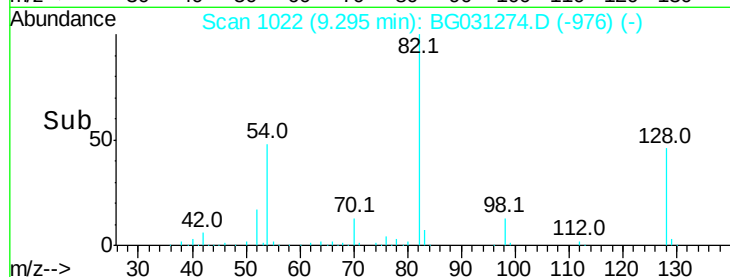
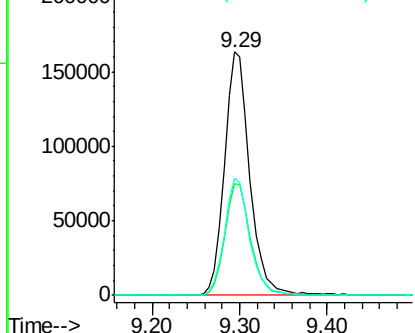
#23
Nitrobenzene-d5
Concen: 97.919 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BG031274.D
Acq: 29 Nov 2017 17:15

Instrument :
BNA_G
ClientSampleId :
HR-06-112817-A

Tot Ion: 82 Resp: 322880
Ion Ratio Lower Upper
82 100
128 45.7 29.7 44.5#
54 48.2 43.1 64.7

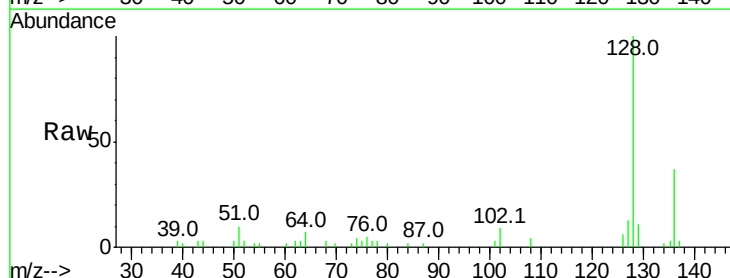


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

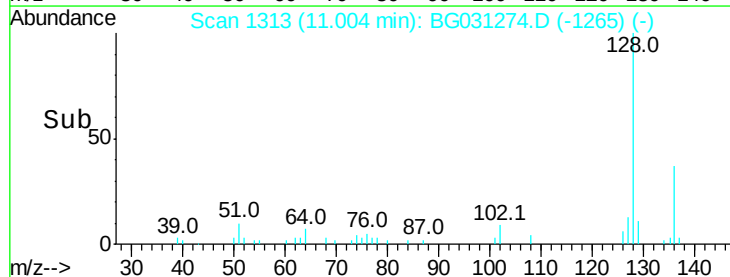
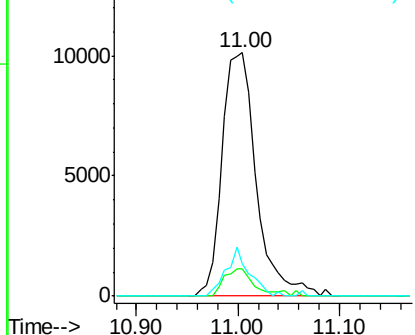


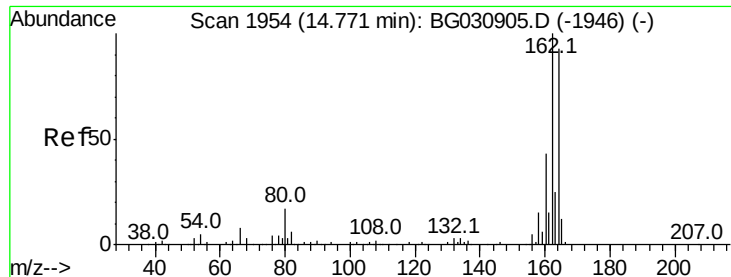
#31
Naphthalene
Concen: 2.481 ng
RT: 11.00 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BG031274.D
Acq: 29 Nov 2017 17:15

Tgt Ion:128 Resp: 23831
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.2 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

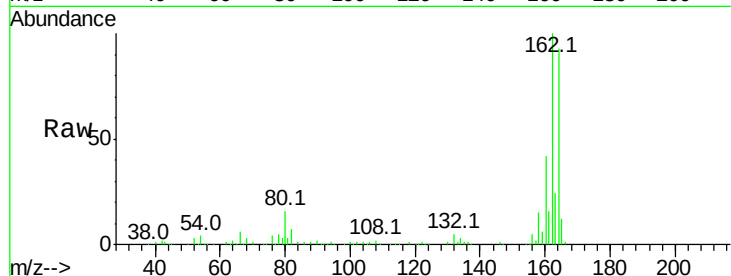




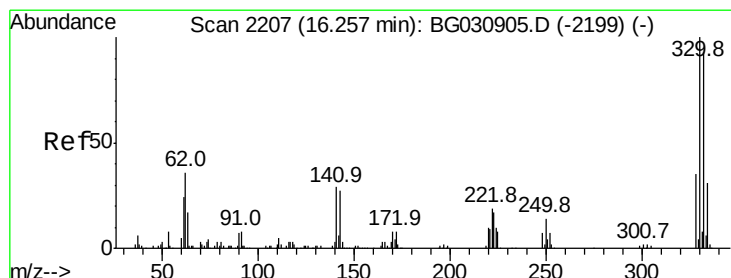
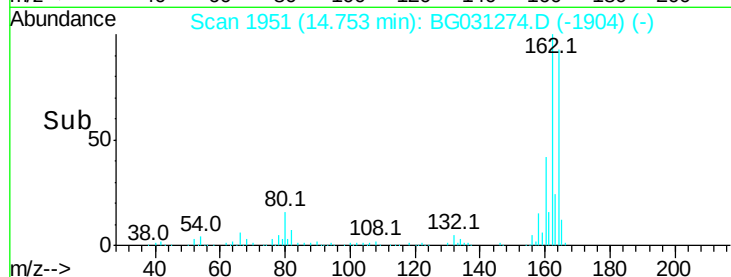
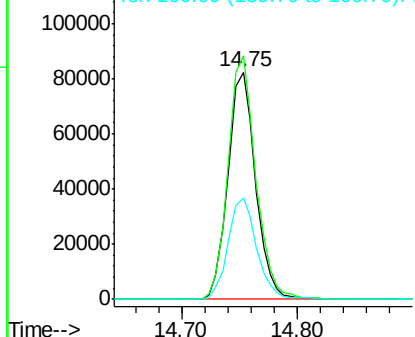
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.02 min
 Lab File: BG031274.D
 Acq: 29 Nov 2017 17:15

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-112817-A

Tot Ion:164 Resp: 136409
 Ion Ratio Lower Upper
 164 100
 162 107.2 78.8 118.2
 160 44.6 35.4 53.0

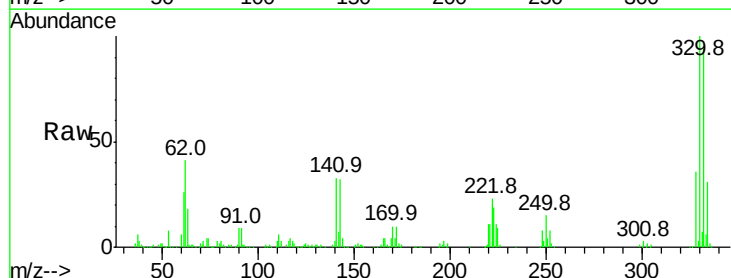


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

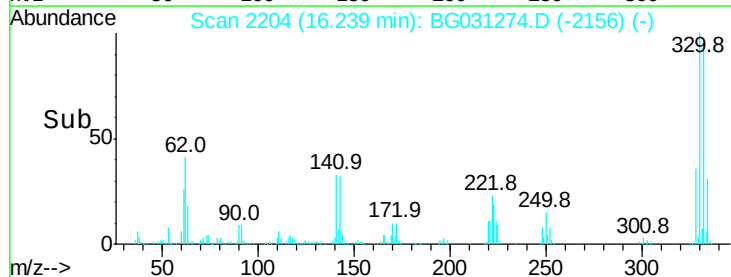
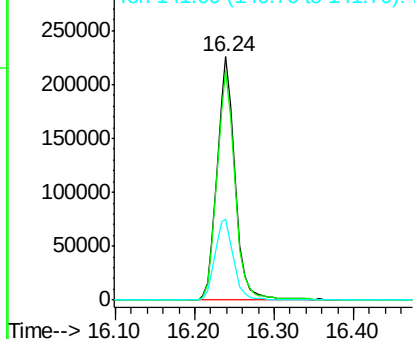


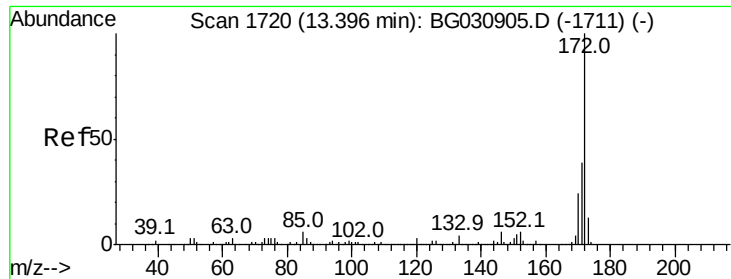
#41
 2,4,6-Tribromophenol
 Concen: 160.180 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031274.D
 Acq: 29 Nov 2017 17:15

Tgt Ion:330 Resp: 353462
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.0 115.6
 141 34.4 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

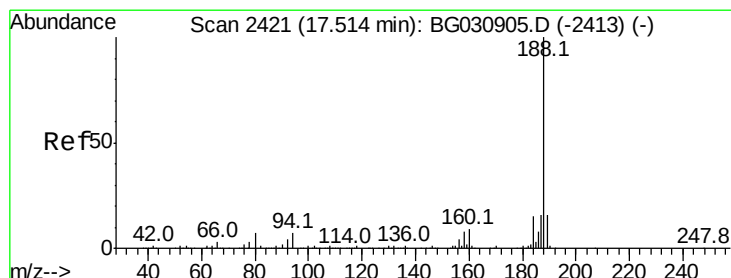
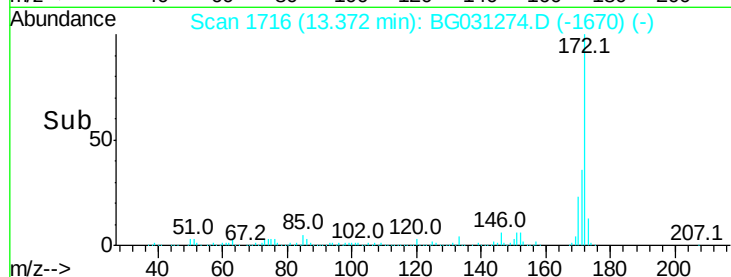
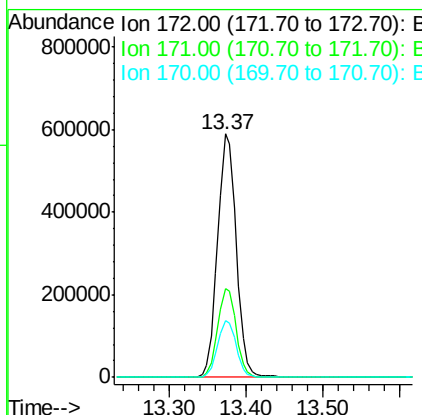
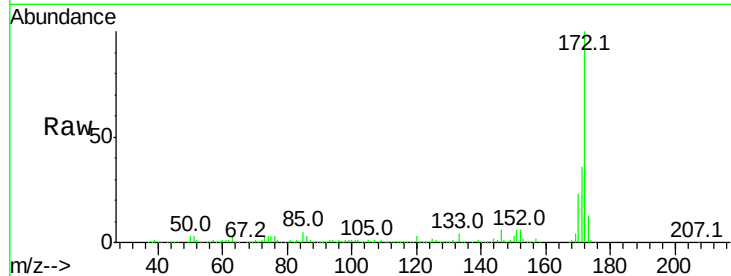




#44
 2-Fluorobiphenyl
 Concen: 104.028 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031274.D
 Acq: 29 Nov 2017 17:15

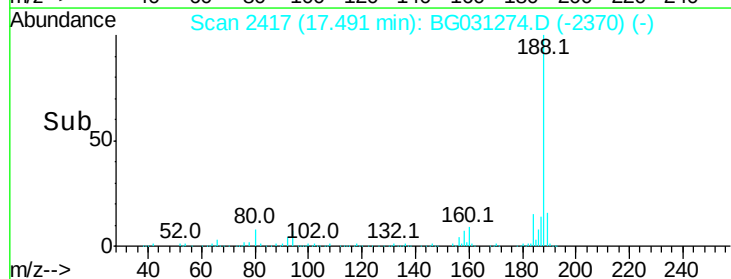
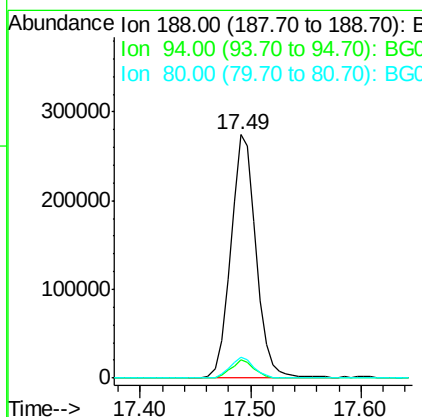
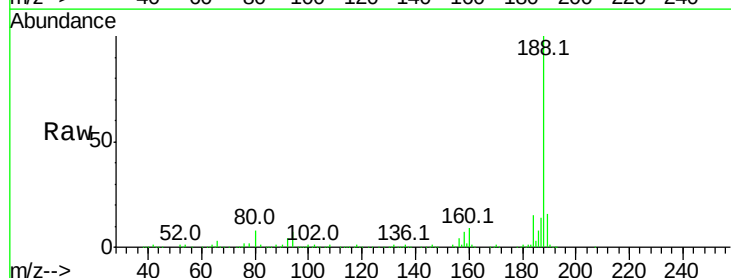
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 ClientSampleId :
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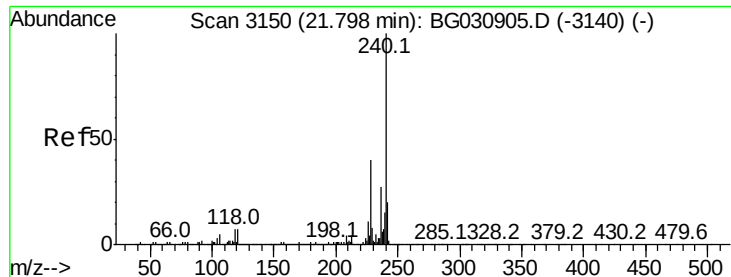
Tot Ion:172 Resp: 987576
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.0 45.0
 170 23.3 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.02 min
 Lab File: BG031274.D
 Acq: 29 Nov 2017 17:15

Tgt Ion:188 Resp: 438183
 Ion Ratio Lower Upper
 188 100
 94 7.4 6.9 10.3
 80 8.4 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031274.D

Acq: 29 Nov 2017 17:15

Instrument :

BNA_G

ClientSampleId :

HR-06-112817-A

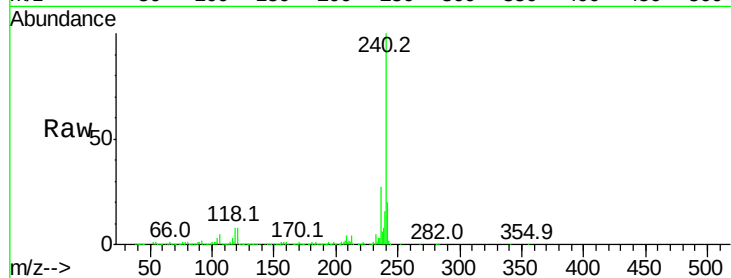
Tot Ion:240 Resp: 535247

Ion Ratio Lower Upper

240 100

120 7.7 6.8 10.2

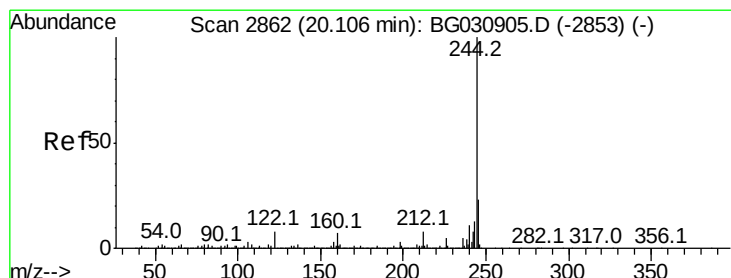
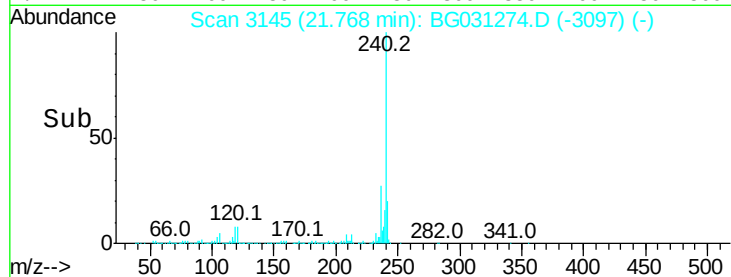
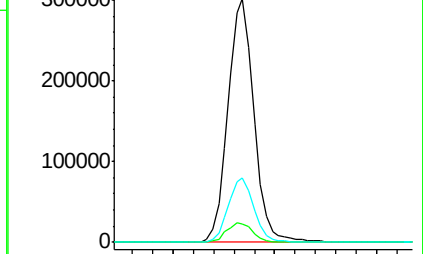
236 26.7 20.9 31.3



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: 97.378 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031274.D

Acq: 29 Nov 2017 17:15

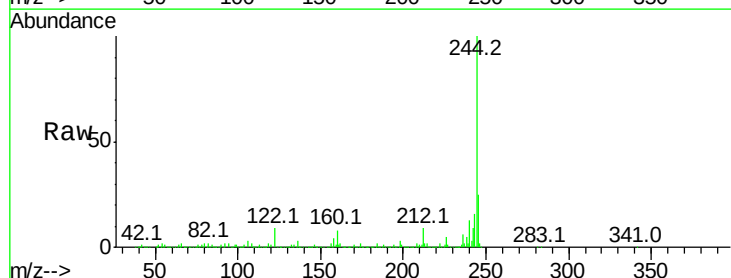
Tgt Ion:244 Resp: 2360463

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

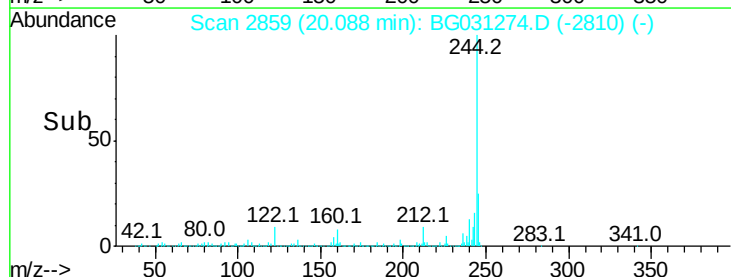
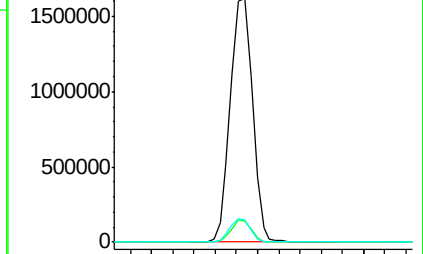
122 9.2 7.0 10.4

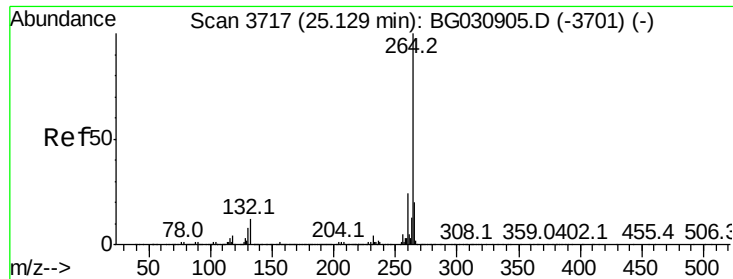


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

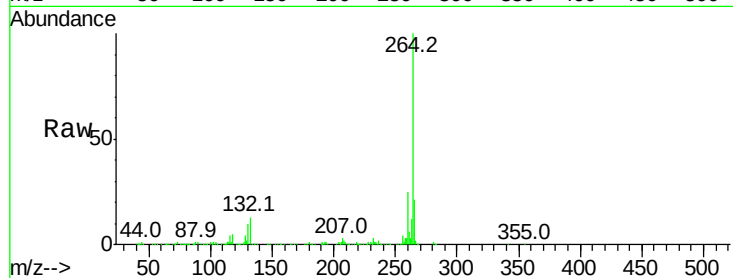




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.06 min Scan# 3706
 Delta R.T. -0.03 min
 Lab File: BG031274.D
 Acq: 29 Nov 2017 17:15

Instrument :
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 ClientSampleId :
 HR-06-112817-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	20.7	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

