

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020118\
 Data File : BG032489.D
 Acq On : 1 Feb 2018 14:34
 Operator : SJ/JU
 Sample : J1014-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-013118

Quant Time: Feb 01 17:48:02 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

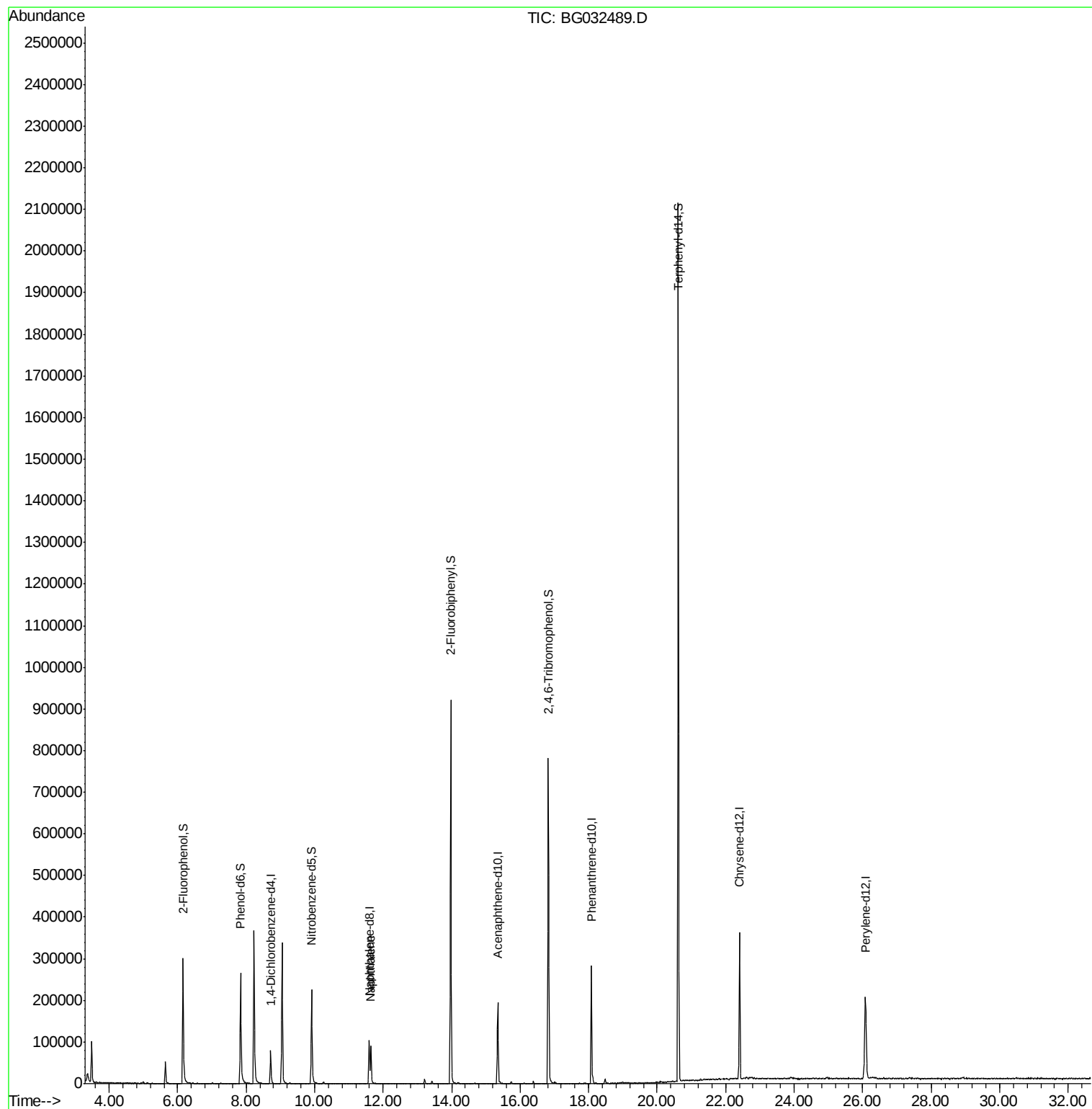
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	29939	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	110760	20.00	ng	0.00
38) Acenaphthene-d10	15.34	164	78996	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	209581	20.00	ng	0.00
75) Chrysene-d12	22.40	240	267675	20.00	ng	-0.01
86) Perylene-d12	26.08	264	286770	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	172048	115.42	ng	0.00
7) Phenol-d6	7.84	99	186329	93.68	ng	0.00
23) Nitrobenzene-d5	9.91	82	147908	83.41	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	195406	129.95	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	555887	83.64	ng	-0.01
78) Terphenyl-d14	20.62	244	1108386	88.70	ng	0.00
Target Compounds						
31) Naphthalene	11.65	128	92063	17.018	ng	Qvalue 98

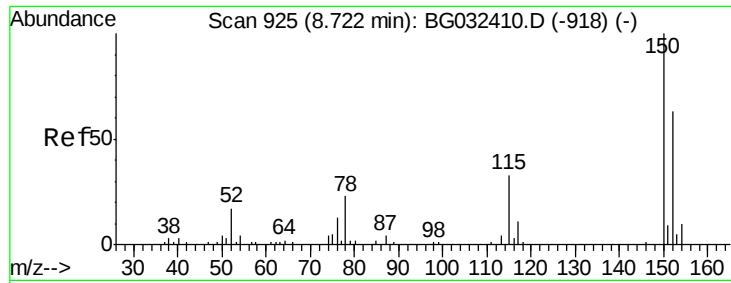
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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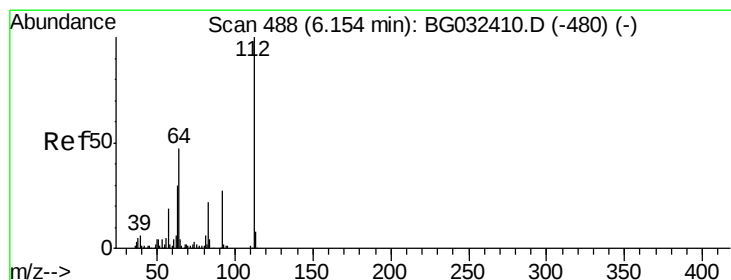
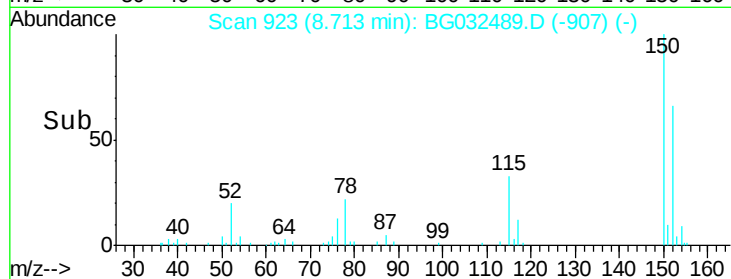
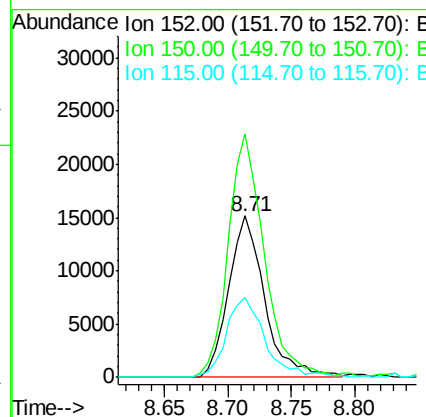
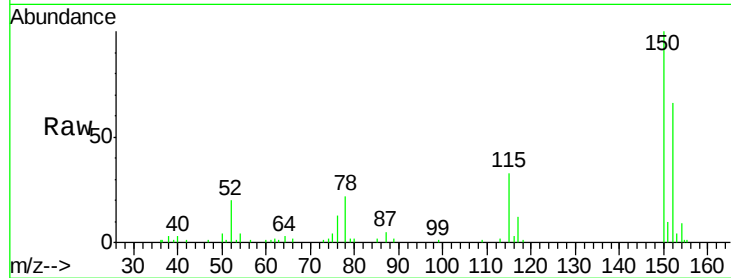


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032489.D
Acq: 1 Feb 2018 14:34

Instrument :
BNA_G
ClientSampleId :
HD-02-013118

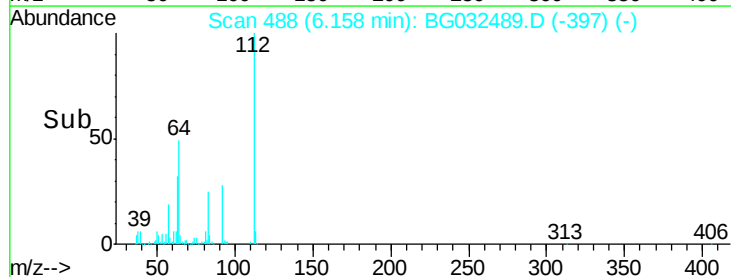
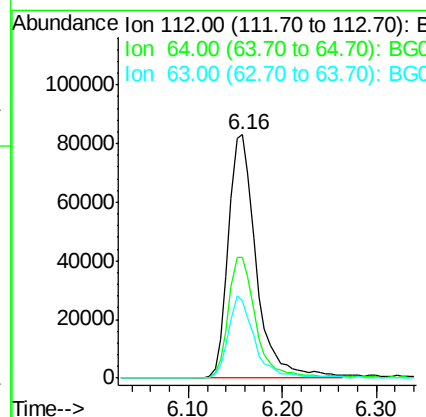
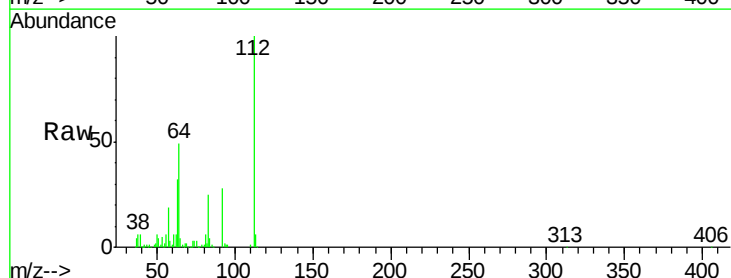
Tot Ion:152 Resp: 29939
Ion Ratio Lower Upper
152 100
150 150.9 126.6 189.8
115 49.5 53.0 79.4#

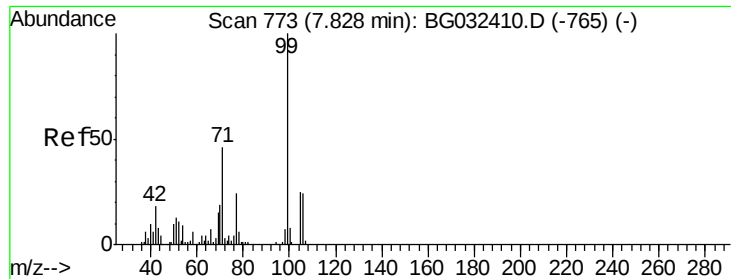


#5

2-Fluorophenol
Concen: 115.424 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032489.D
Acq: 1 Feb 2018 14:34

Tgt Ion:112 Resp: 172048
Ion Ratio Lower Upper
112 100
64 49.5 56.3 84.5#
63 31.8 30.1 45.1





#7

Phenol-d6

Concen: 93.678 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032489.D

Acq: 1 Feb 2018 14:34

Instrument :

BNA_G

ClientSampled :

HD-02-013118

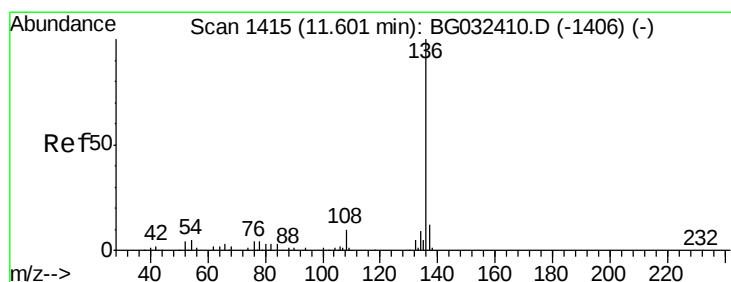
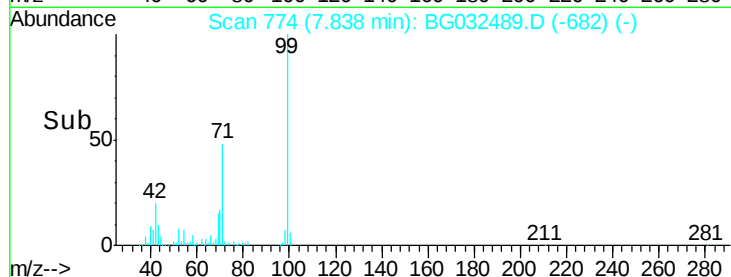
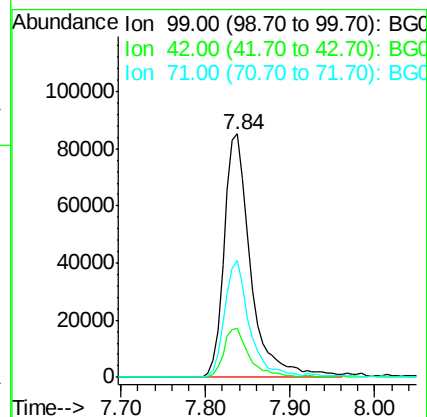
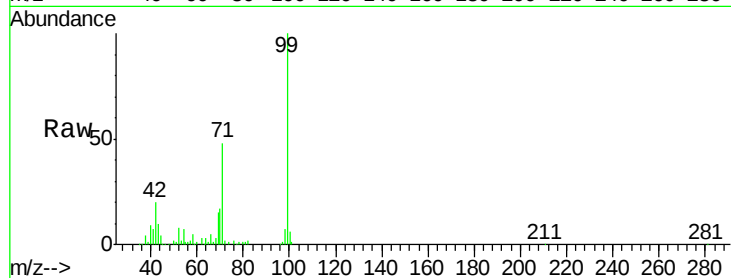
Tot Ion: 99 Resp: 186329

Ion Ratio Lower Upper

99 100

42 20.3 14.1 21.1

71 48.2 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032489.D

Acq: 1 Feb 2018 14:34

Tgt Ion: 136 Resp: 110760

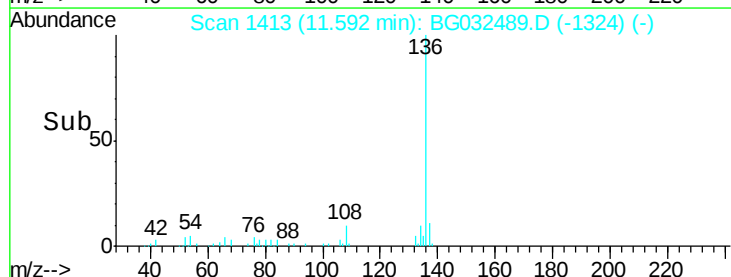
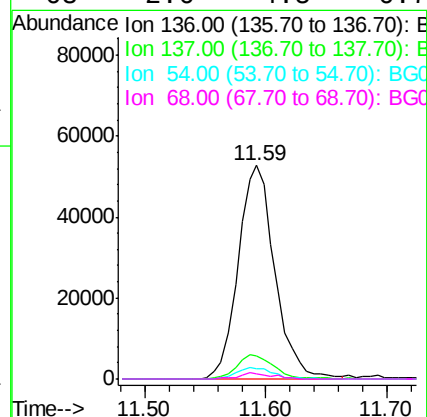
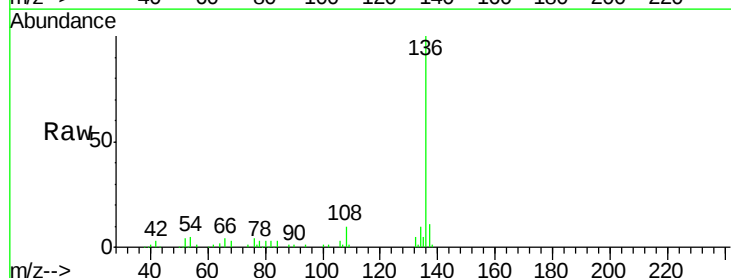
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 4.5 10.3 15.5#

68 2.6 4.5 6.7#

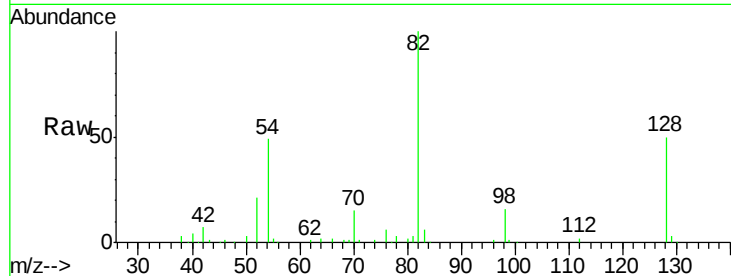




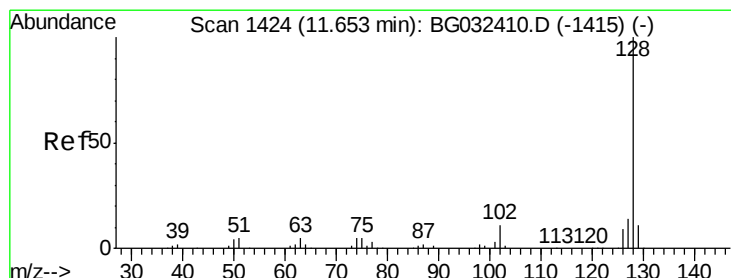
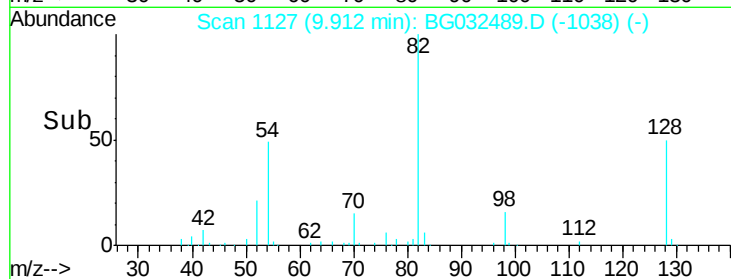
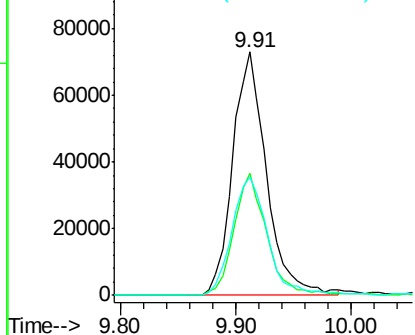
#23
Nitrobenzene-d5
Concen: 83.409 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032489.D
Acq: 1 Feb 2018 14:34

Instrument :
BNA_G
ClientSampleId :
HD-02-013118

Tot Ion: 82 Resp: 147908
Ion Ratio Lower Upper
82 100
128 50.2 29.7 44.5#
54 48.6 43.1 64.7

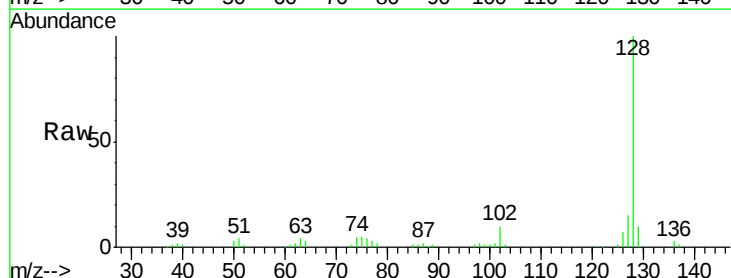


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

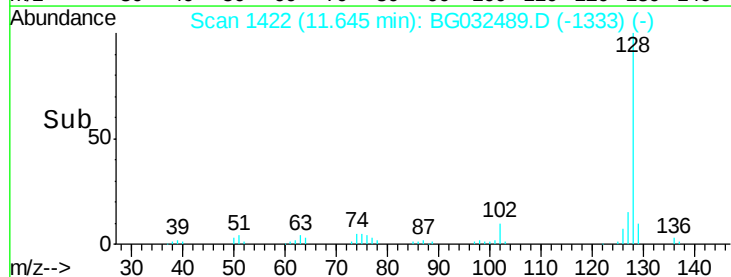
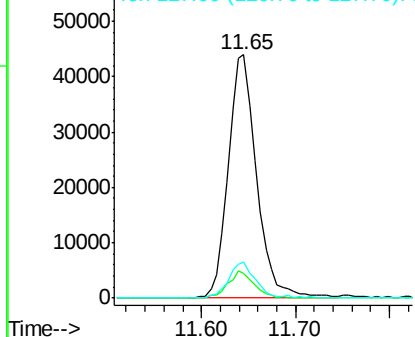


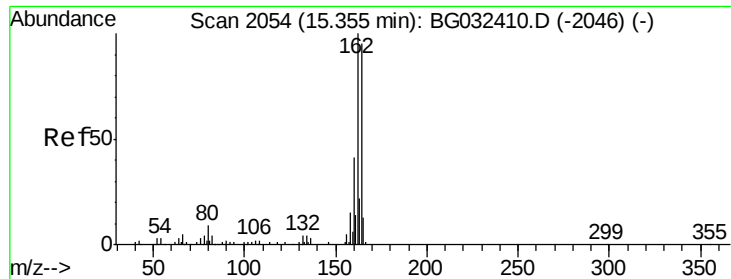
#31
Naphthalene
Concen: 17.018 ng
RT: 11.65 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BG032489.D
Acq: 1 Feb 2018 14:34

Tgt Ion: 128 Resp: 92063
Ion Ratio Lower Upper
128 100
129 9.9 8.6 12.8
127 15.1 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

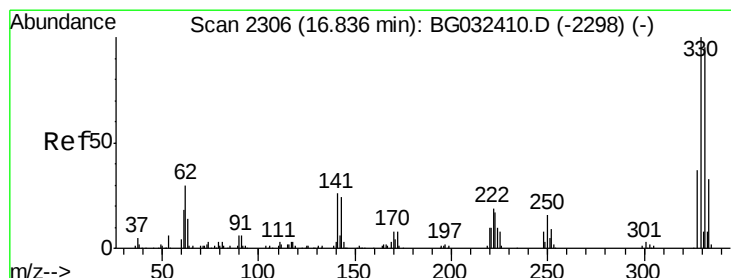
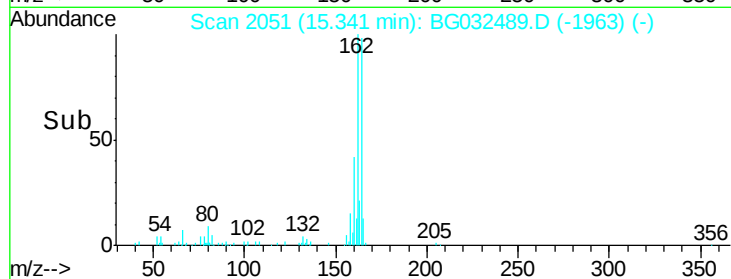
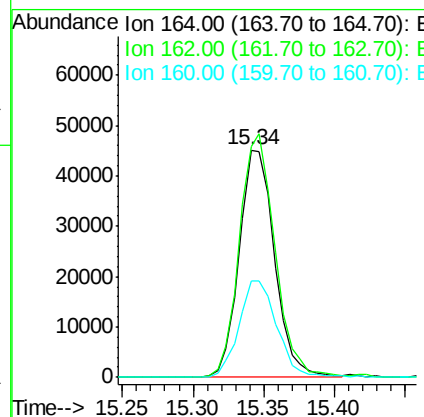
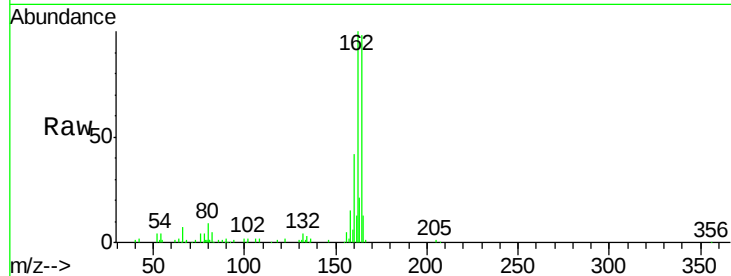




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG032489.D
Acq: 1 Feb 2018 14:34

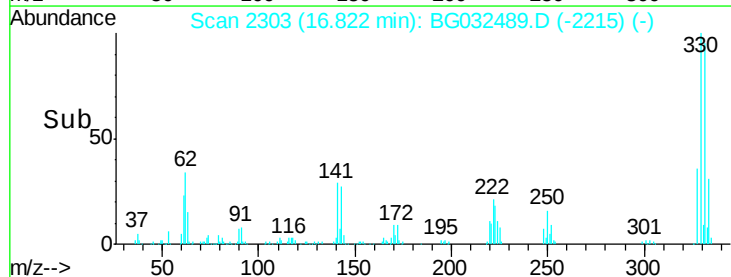
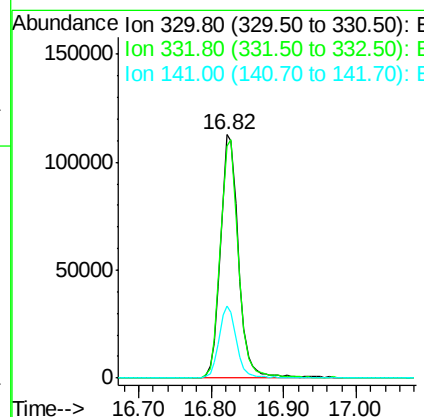
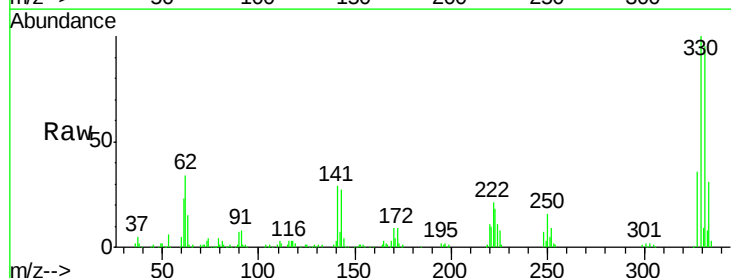
Instrument :
BNA_G
ClientSampleId :
HD-02-013118

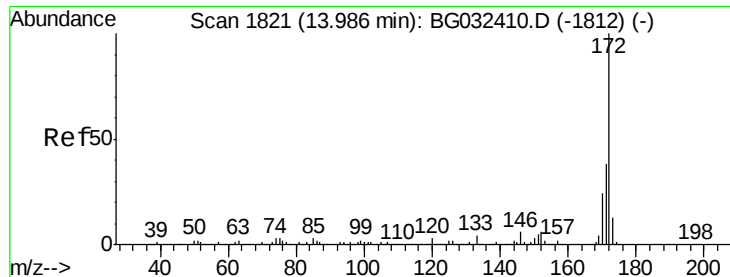
Tot Ion:164 Resp: 78996
Ion Ratio Lower Upper
164 100
162 101.6 78.8 118.2
160 42.3 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 129.951 ng
RT: 16.82 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG032489.D
Acq: 1 Feb 2018 14:34

Tgt Ion:330 Resp: 195406
Ion Ratio Lower Upper
330 100
332 98.3 77.0 115.6
141 28.5 25.2 37.8

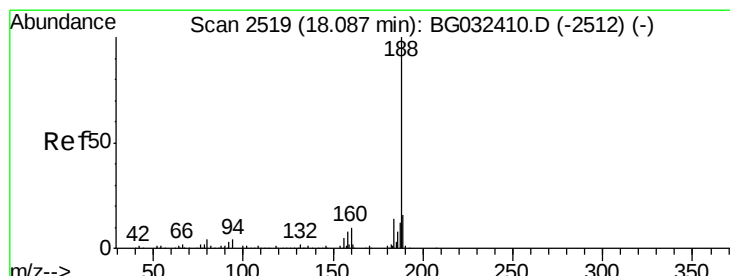
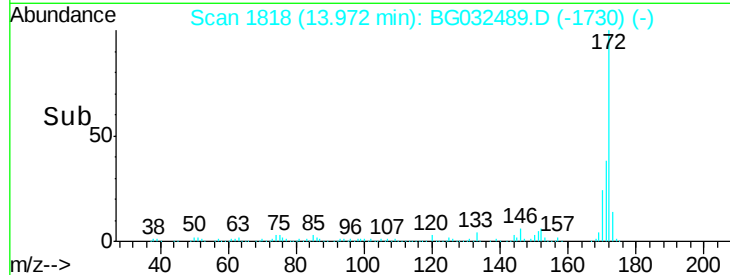
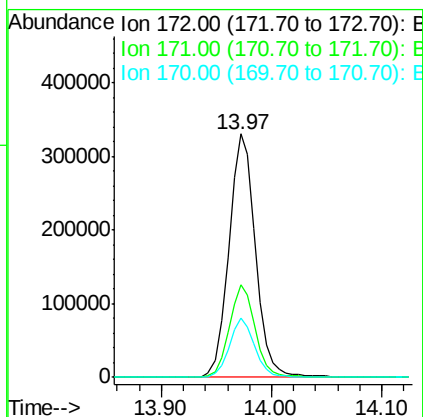
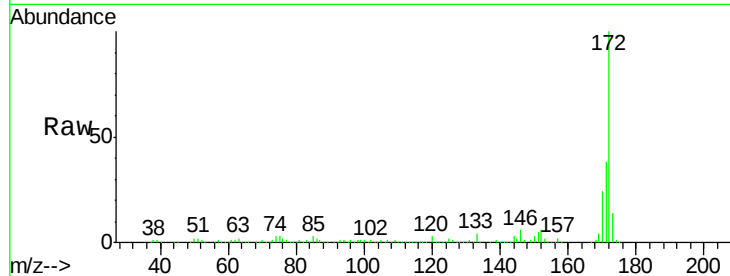




#44
 2-Fluorobiphenyl
 Concen: 83.638 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BG032489.D
 Acq: 1 Feb 2018 14:34

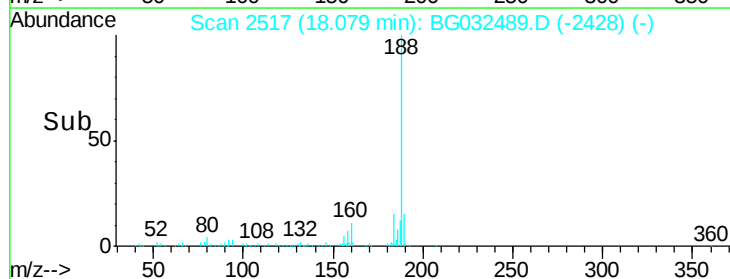
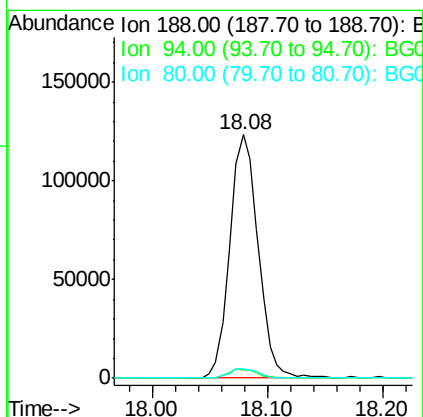
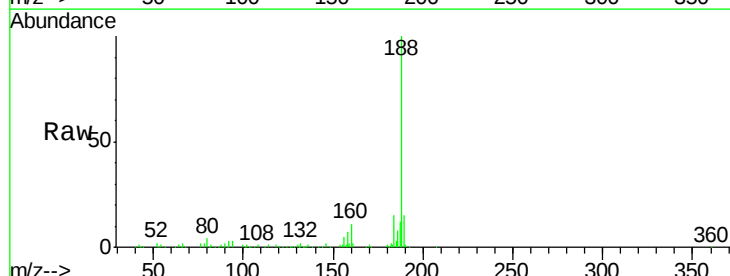
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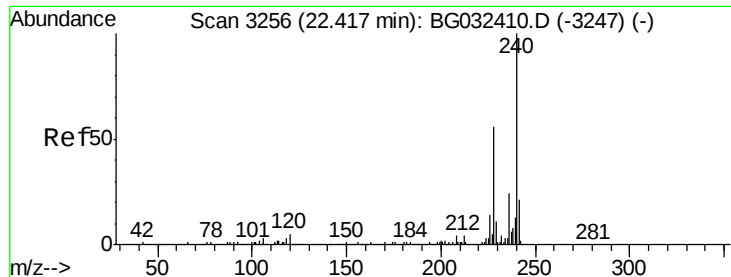
Tot Ion:172 Resp: 555887
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.0 45.0
 170 24.1 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.08 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BG032489.D
 Acq: 1 Feb 2018 14:34

Tgt Ion:188 Resp: 209581
 Ion Ratio Lower Upper
 188 100
 94 3.3 6.9 10.3#
 80 4.0 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.40 min Scan# 3253

Delta R.T. -0.01 min

Lab File: BG032489.D

Acq: 1 Feb 2018 14:34

Instrument :

BNA_G

ClientSampleId :

HD-02-013118

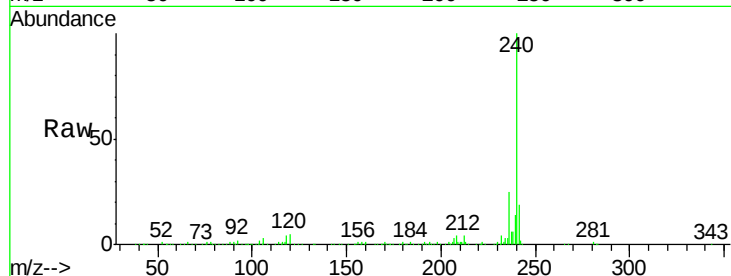
Tot Ion:240 Resp: 267675

Ion Ratio Lower Upper

240 100

120 4.8 6.8 10.2#

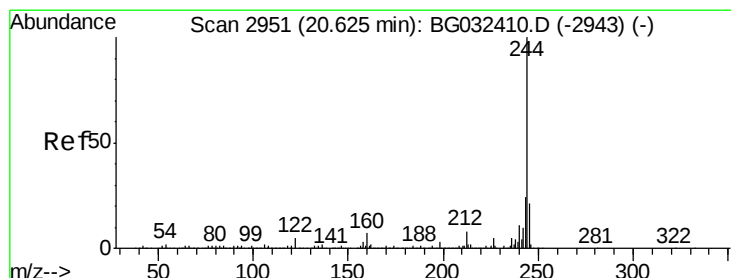
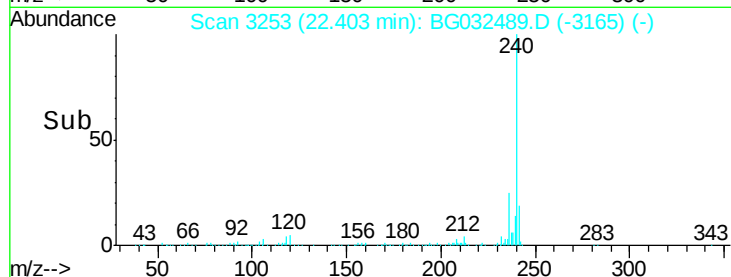
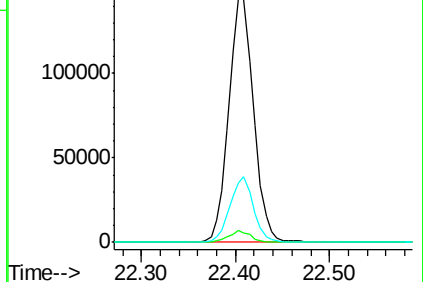
236 24.5 20.9 31.3



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: 88.699 ng

RT: 20.62 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032489.D

Acq: 1 Feb 2018 14:34

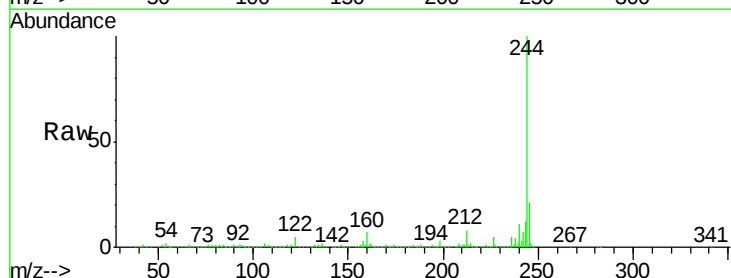
Tgt Ion:244 Resp: 1108386

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

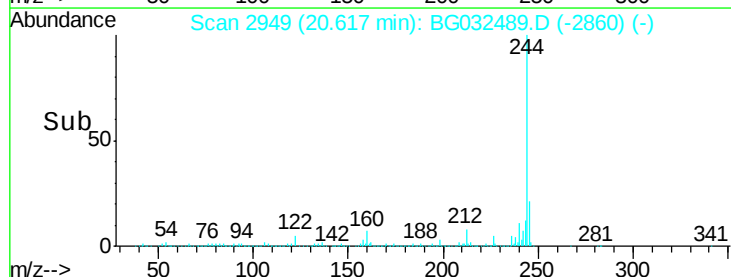
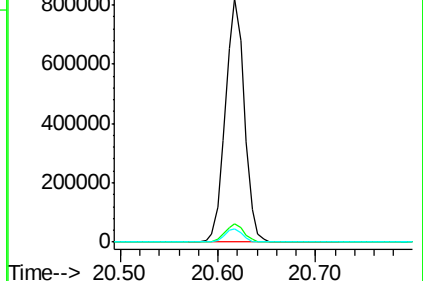
122 5.4 7.0 10.4#

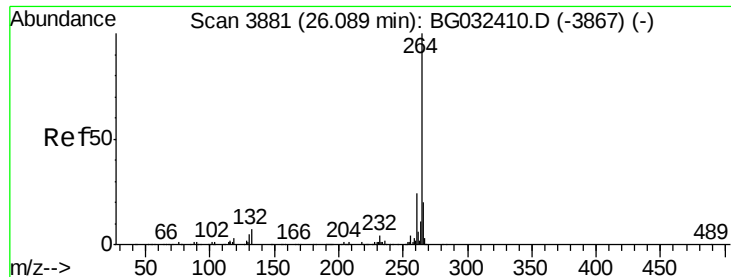


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.08 min Scan# 3879
 Delta R.T. -0.01 min
 Lab File: BG032489.D
 Acq: 1 Feb 2018 14:34

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-013118

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.9	17.7	26.5

