

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
 Data File : BG032090.D
 Acq On : 17 Jan 2018 4:12
 Operator : SJ/JU
 Sample : J1014-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-011518

Quant Time: Jan 17 06:11:52 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

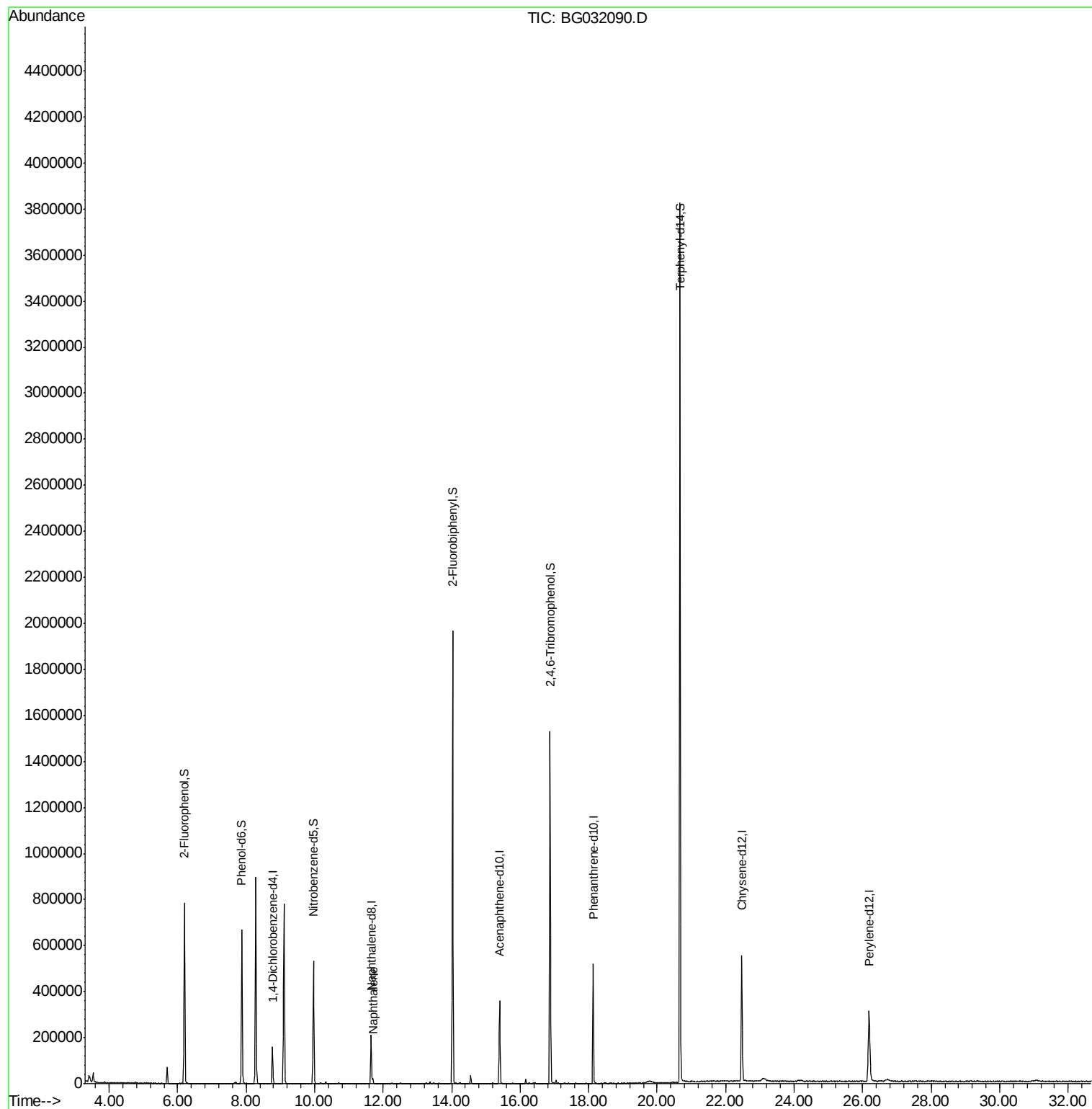
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	52763	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	206661	20.00	ng	0.00
38) Acenaphthene-d10	15.40	164	136241	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	357180	20.00	ng	0.00
75) Chrysene-d12	22.47	240	425925	20.00	ng	-0.01
86) Perylene-d12	26.19	264	442892	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	402863	139.65	ng	0.00
7) Phenol-d6	7.87	99	432850	119.13	ng	0.00
23) Nitrobenzene-d5	9.97	82	340432	111.45	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	359802	159.59	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	1149390	104.61	ng	0.00
78) Terphenyl-d14	20.66	244	2047468	106.14	ng	0.00
Target Compounds						
31) Naphthalene	11.70	128	21013	2.053	ng	Qvalue # 95

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

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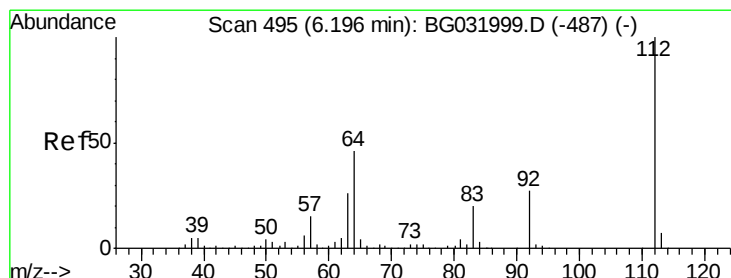
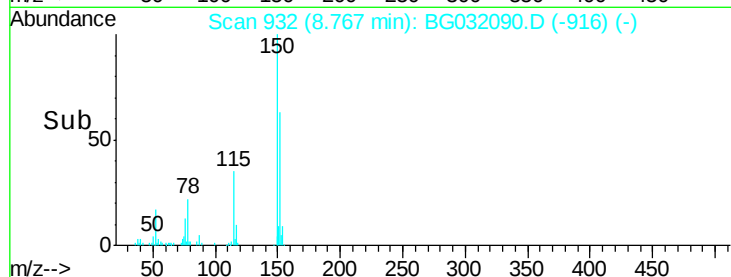
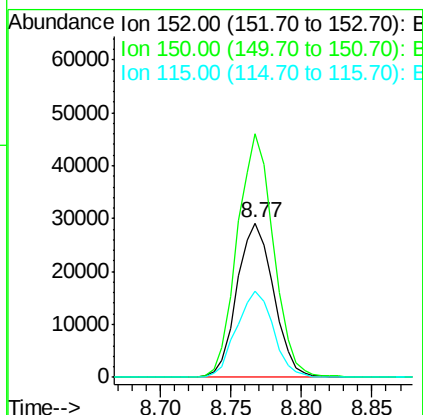
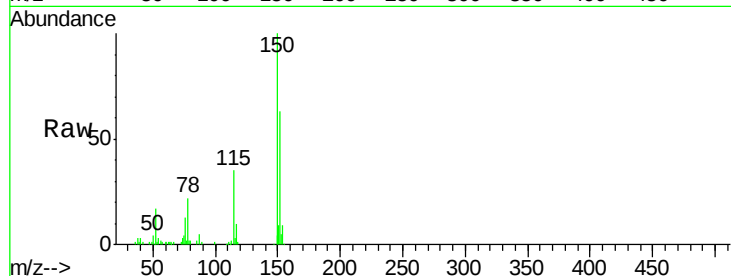


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG032090.D
Acq: 17 Jan 2018 4:12

Instrument :
BNA_G
ClientSampleId :
HD-01-011518

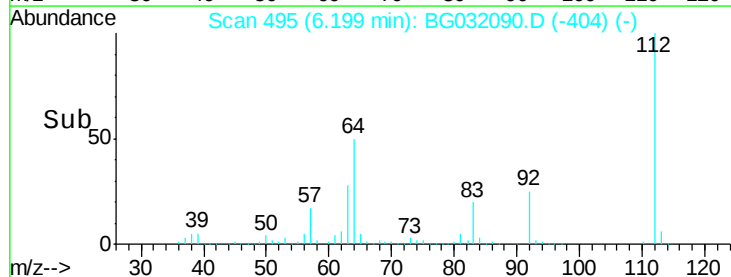
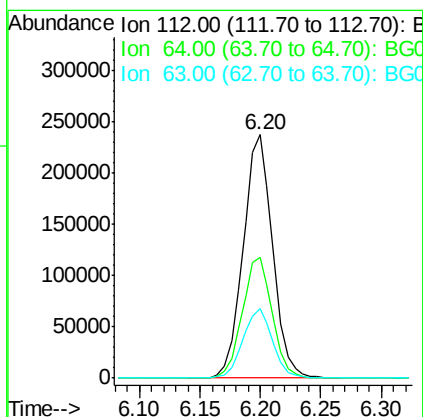
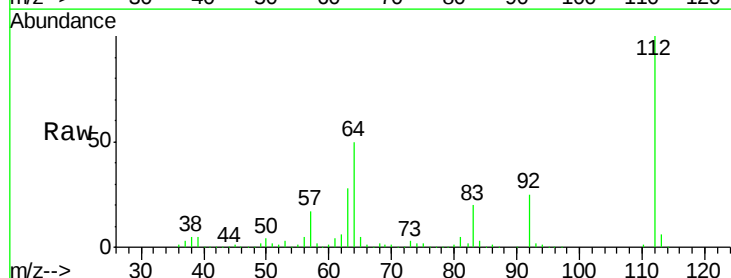
Tgt Ion:152 Resp: 52763
Ion Ratio Lower Upper
152 100
150 157.8 126.6 189.8
115 55.6 53.0 79.4

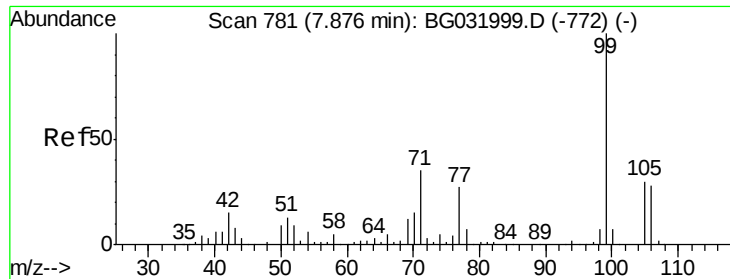


#5

2-Fluorophenol
Concen: 139.645 ng
RT: 6.20 min Scan# 495
Delta R.T. 0.00 min
Lab File: BG032090.D
Acq: 17 Jan 2018 4:12

Tgt Ion:112 Resp: 402863
Ion Ratio Lower Upper
112 100
64 49.5 56.3 84.5#
63 28.3 30.1 45.1#





#7

Phenol-d6

Concen: 119.132 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG032090.D

Acq: 17 Jan 2018 4:12

Instrument :

BNA_G

ClientSampleId :

HD-01-011518

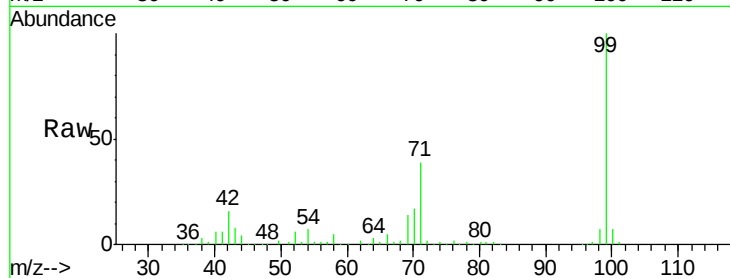
Tgt Ion: 99 Resp: 432850

Ion Ratio Lower Upper

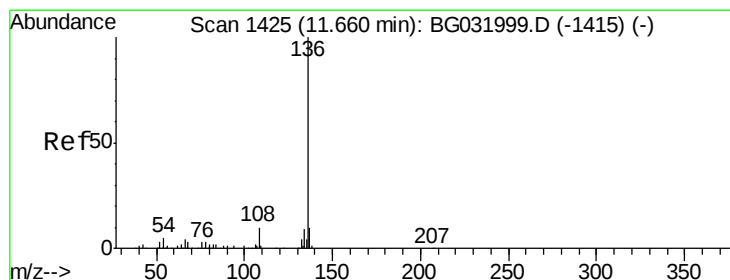
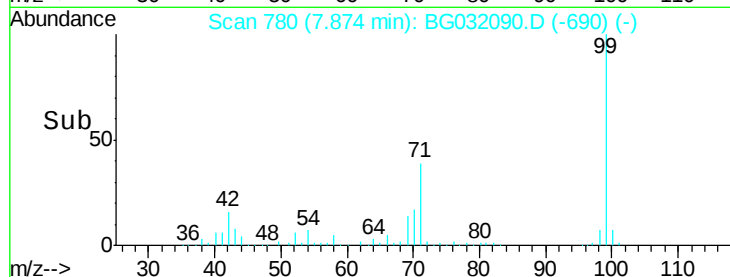
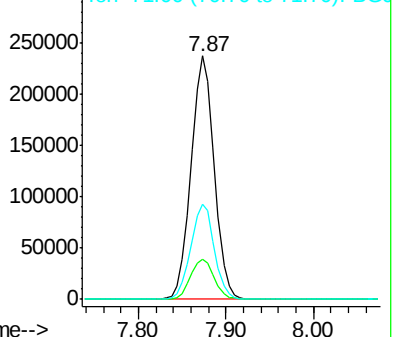
99 100

42 16.3 14.1 21.1

71 39.0 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: 11.65 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BG032090.D

Acq: 17 Jan 2018 4:12

Tgt Ion: 136 Resp: 206661

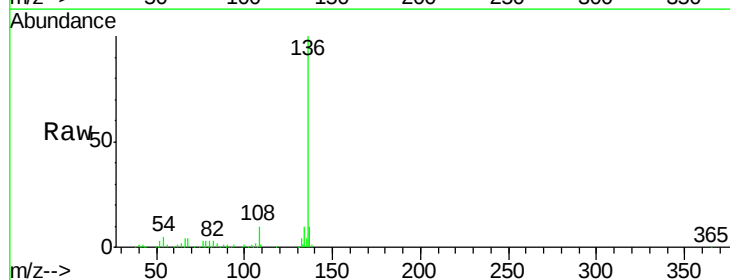
Ion Ratio Lower Upper

136 100

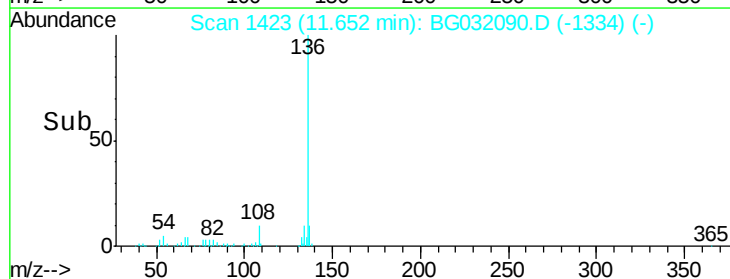
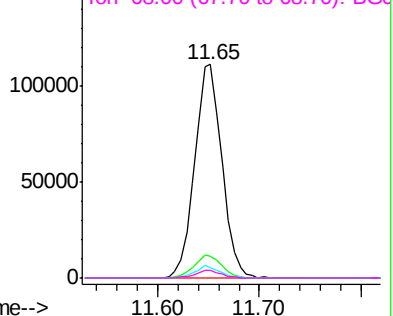
137 10.3 9.2 13.8

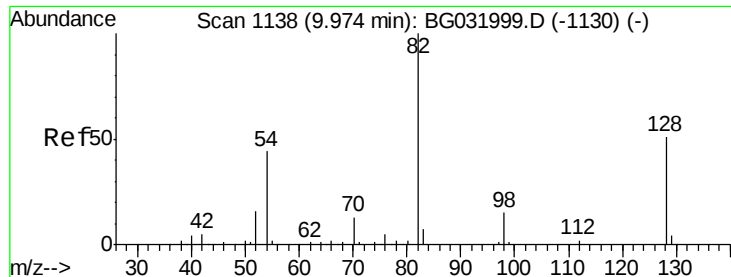
54 5.1 10.3 15.5#

68 3.9 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

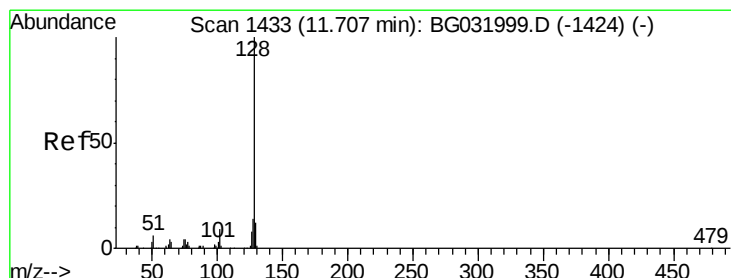
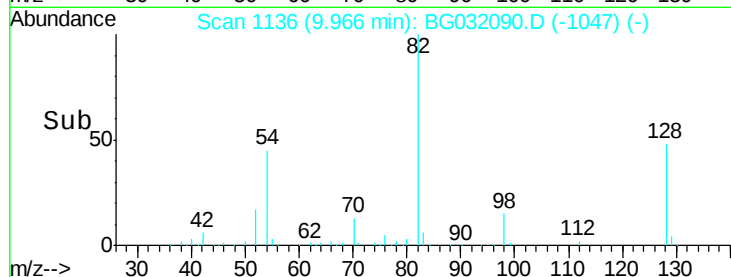
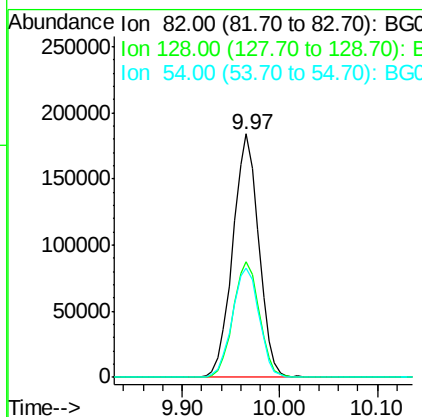
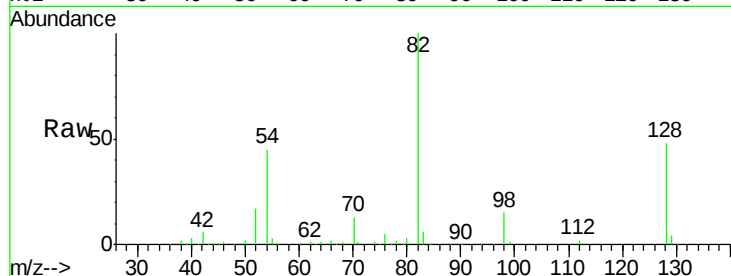




#23
 Nitrobenzene-d5
 Concen: 111.447 ng
 RT: 9.97 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: BG032090.D
 Acq: 17 Jan 2018 4:12

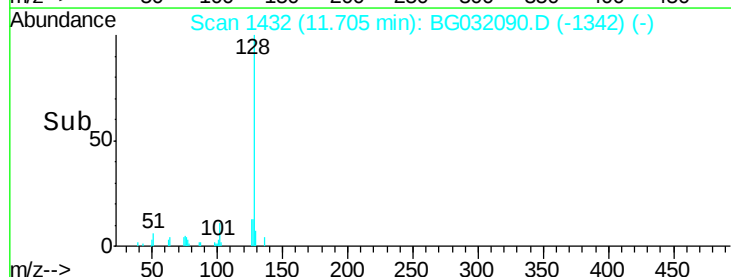
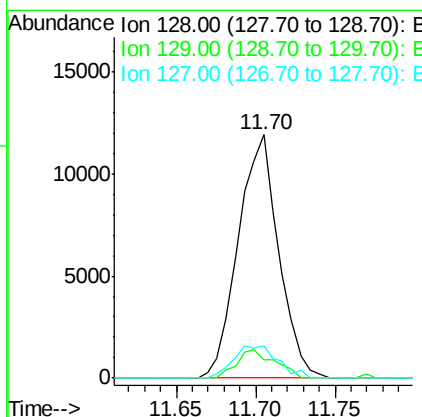
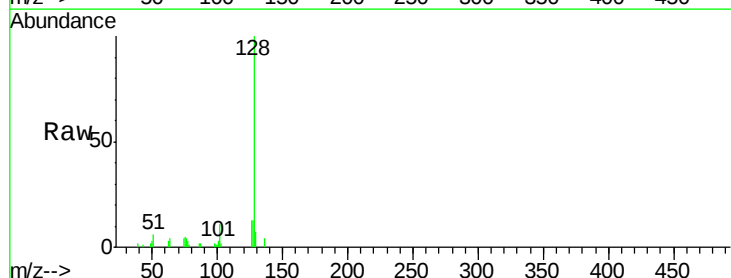
Instrument :
 BNA_G
 ClientSampleId :
 HD-01-011518

Tgt Ion: 82 Resp: 340432
 Ion Ratio Lower Upper
 82 100
 128 47.7 29.7 44.5#
 54 45.1 43.1 64.7



#31
 Naphthalene
 Concen: 2.053 ng
 RT: 11.70 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BG032090.D
 Acq: 17 Jan 2018 4:12

Tgt Ion: 128 Resp: 21013
 Ion Ratio Lower Upper
 128 100
 129 7.3 8.6 12.8#
 127 13.4 11.6 17.4

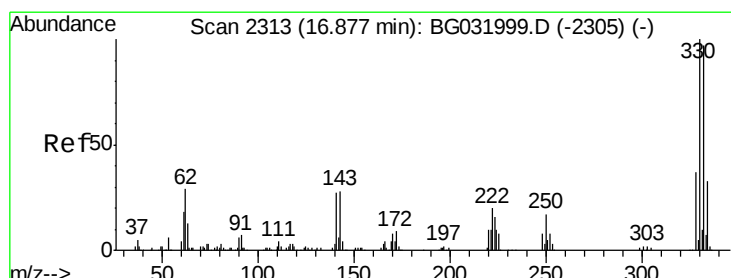
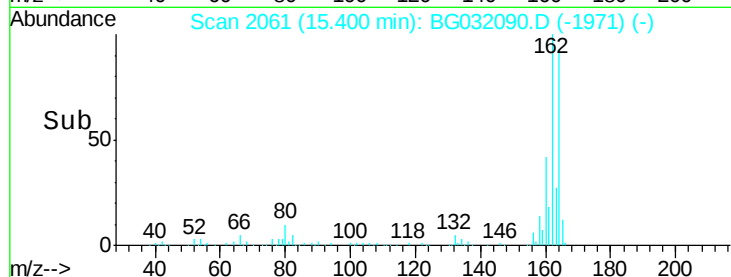
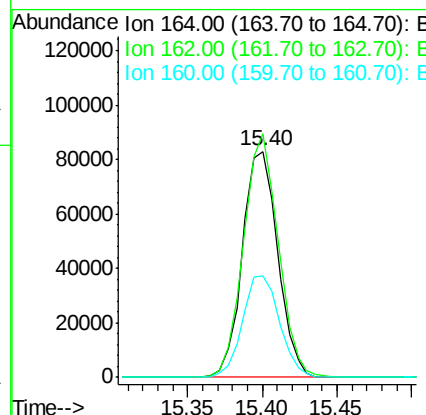
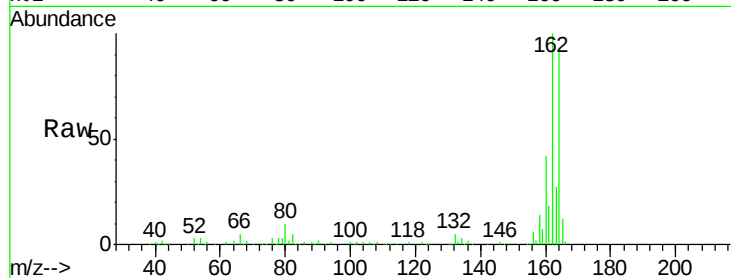




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2061
 Delta R.T. -0.00 min
 Lab File: BG032090.D
 Acq: 17 Jan 2018 4:12

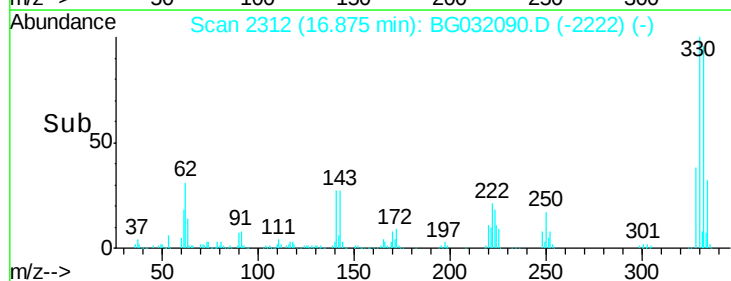
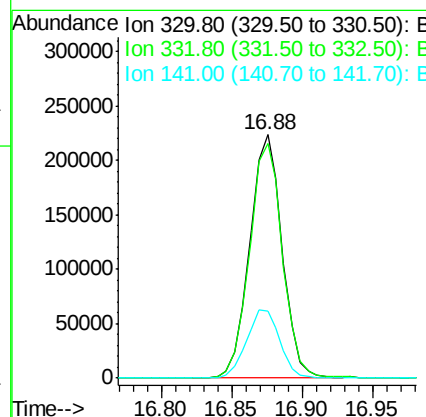
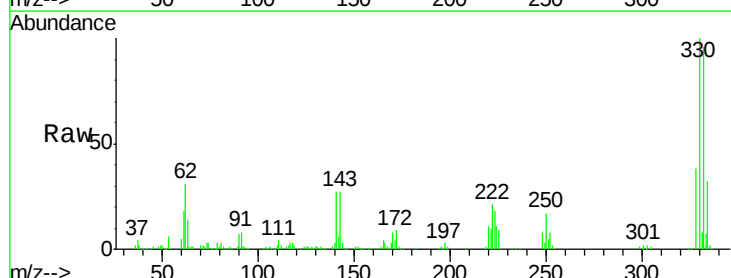
Instrument :
 BNA_G
 ClientSampleId :
 HD-01-011518

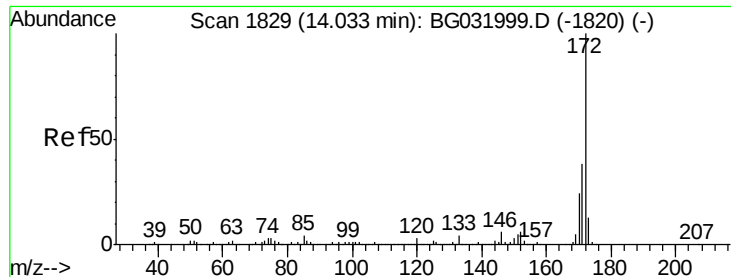
Tgt Ion:164 Resp: 136241
 Ion Ratio Lower Upper
 164 100
 162 107.7 78.8 118.2
 160 45.0 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 159.595 ng
 RT: 16.88 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: BG032090.D
 Acq: 17 Jan 2018 4:12

Tgt Ion:330 Resp: 359802
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.0 115.6
 141 28.9 25.2 37.8

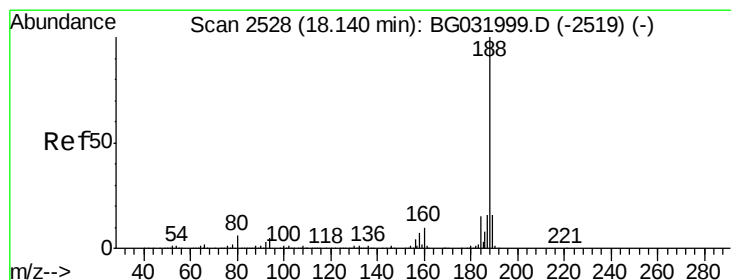
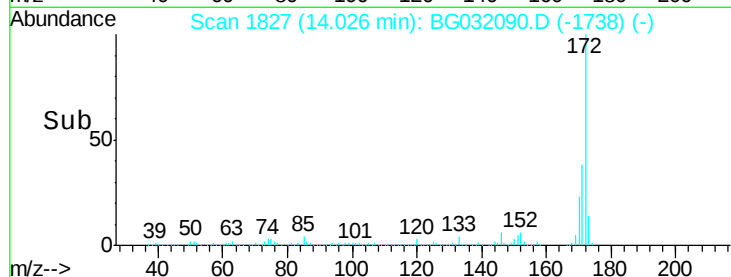
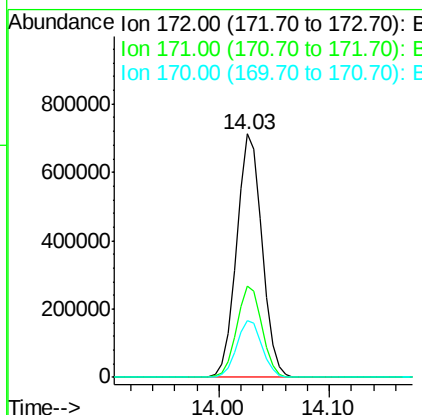
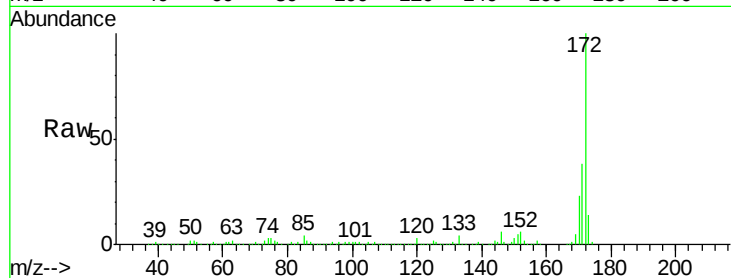




#44
 2-Fluorobiphenyl
 Concen: 104.608 ng
 RT: 14.03 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BG032090.D
 Acq: 17 Jan 2018 4:12

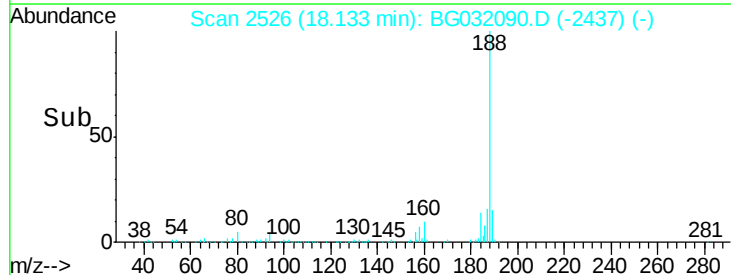
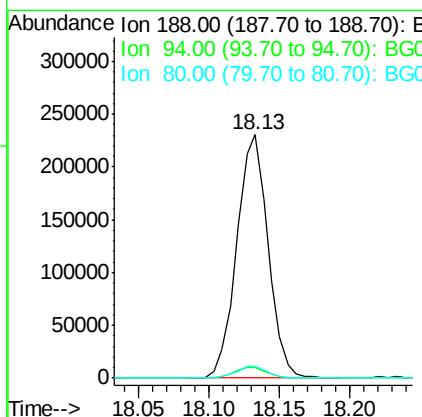
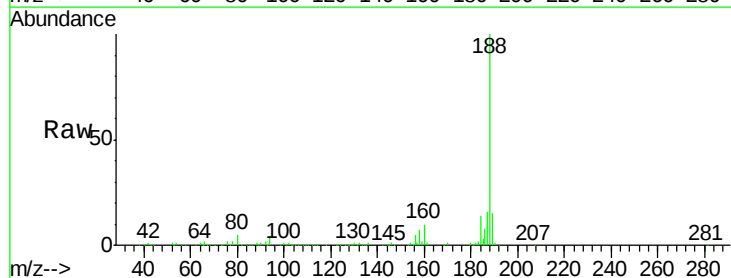
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 HD-01-011518

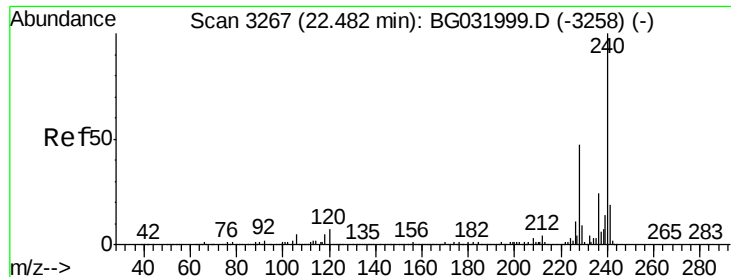
Tgt Ion:172 Resp: 1149390
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 23.4 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.13 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG032090.D
 Acq: 17 Jan 2018 4:12

Tgt Ion:188 Resp: 357180
 Ion Ratio Lower Upper
 188 100
 94 4.2 6.9 10.3#
 80 4.9 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.47 min Scan# 3264

Delta R.T. -0.01 min

Lab File: BG032090.D

Acq: 17 Jan 2018 4:12

Instrument :

BNA_G

ClientSampleId :

HD-01-011518

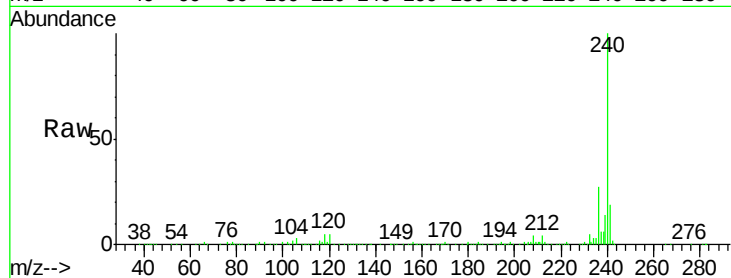
Tgt Ion:240 Resp: 425925

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

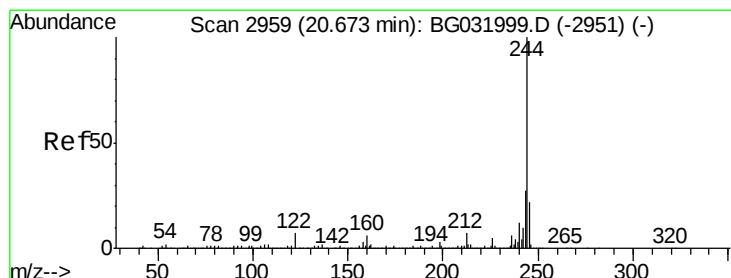
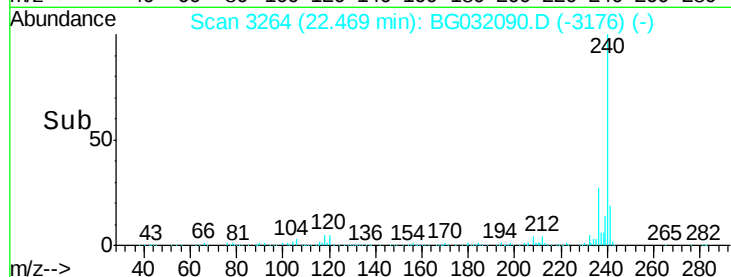
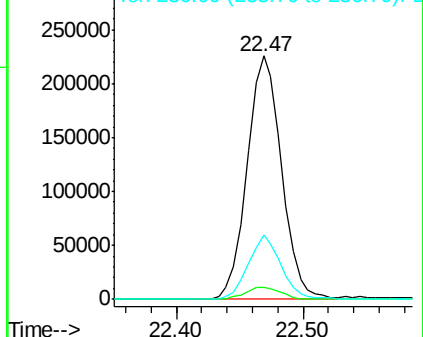
236 26.6 20.9 31.3



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: 106.143 ng

RT: 20.66 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BG032090.D

Acq: 17 Jan 2018 4:12

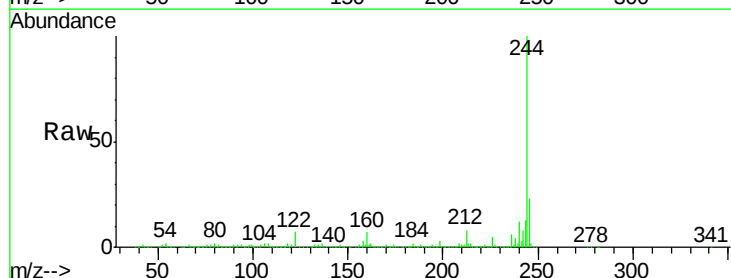
Tgt Ion:244 Resp: 2047468

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

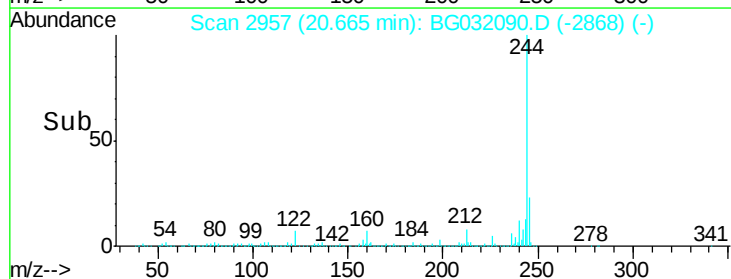
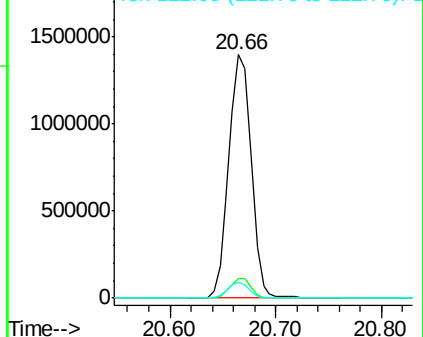
122 6.7 7.0 10.4#

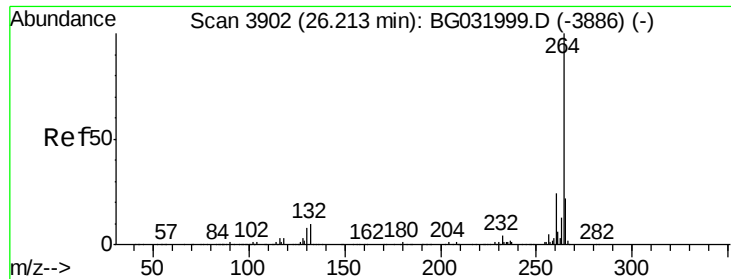


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.19 min Scan# 3897
 Delta R.T. -0.03 min
 Lab File: BG032090.D
 Acq: 17 Jan 2018 4:12

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-011518

Tgt Ion: 264 Resp: 442892
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.4 26.0
 265 21.2 17.7 26.5

