

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011718\
 Data File : BG032116.D
 Acq On : 18 Jan 2018 00:51
 Operator : SJ/JU
 Sample : PB105730BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105730BL

Quant Time: Jan 18 06:51:24 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	8.74	152	51868	20.00	ng	-0.03
21) Naphthalene-d8	11.63	136	197221	20.00	ng	-0.03
38) Acenaphthene-d10	15.38	164	129889	20.00	ng	-0.02
63) Phenanthrene-d10	18.11	188	350829	20.00	ng	-0.03
75) Chrysene-d12	22.45	240	473220	20.00	ng	-0.03
86) Perylene-d12	26.15	264	504237	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	358435	126.39	ng	-0.02
7) Phenol-d6	7.85	99	427483	119.69	ng	-0.02
23) Nitrobenzene-d5	9.94	82	250747	86.02	ng	-0.03
41) 2,4,6-Tribromophenol	16.85	330	278129	129.40	ng	-0.02
44) 2-Fluorobiphenyl	14.01	172	845764	80.74	ng	-0.03
78) Terphenyl-d14	20.65	244	1740505	81.21	ng	-0.02

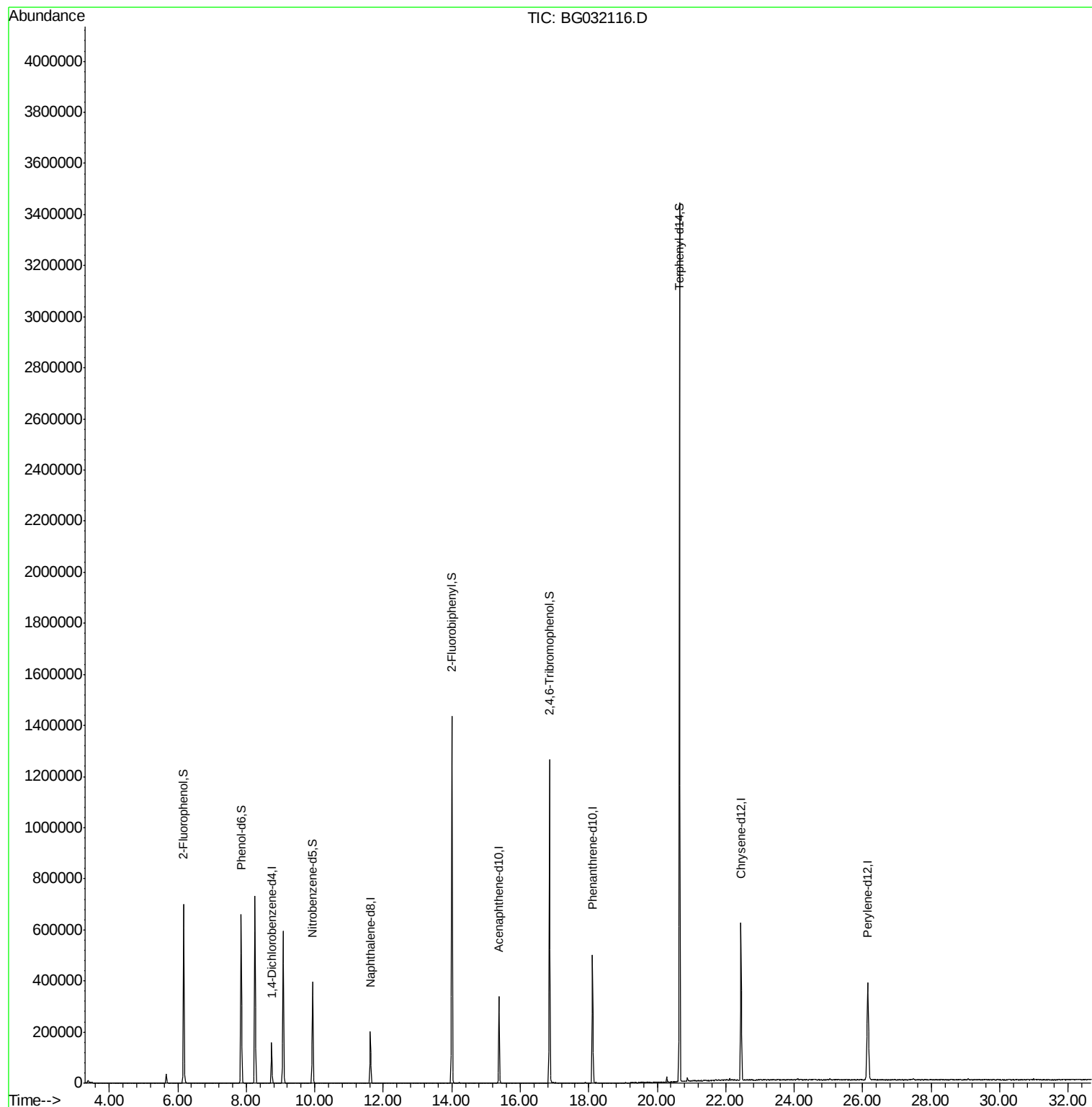
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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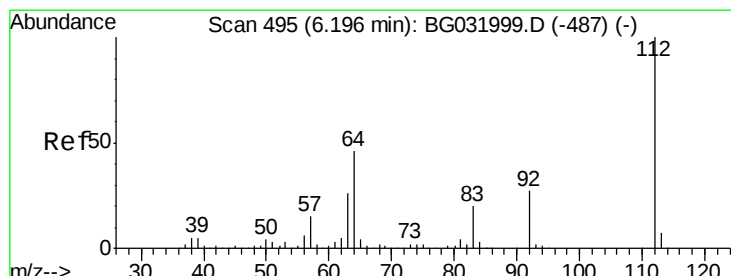
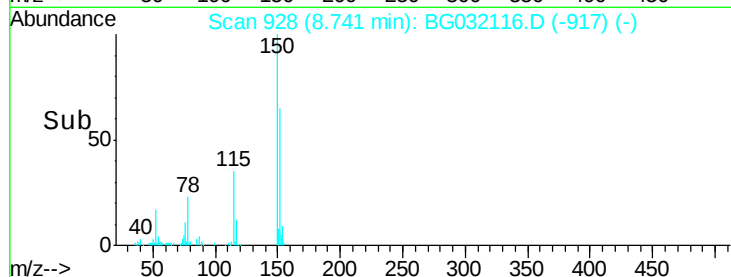
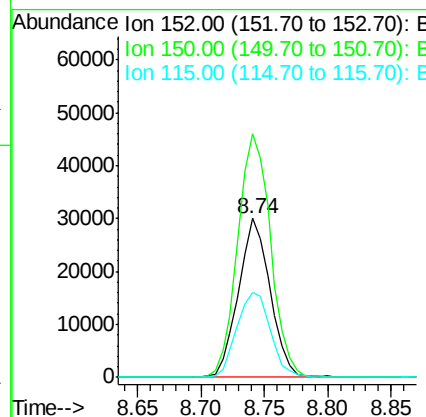
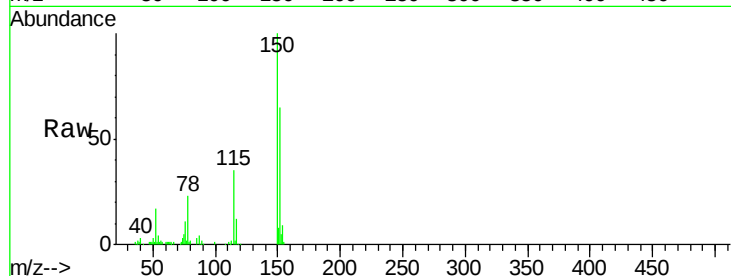


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.03 min
Lab File: BG032116.D
Acq: 18 Jan 2018 00:51

Instrument :
BNA_G
ClientSampleId :
PB105730BL

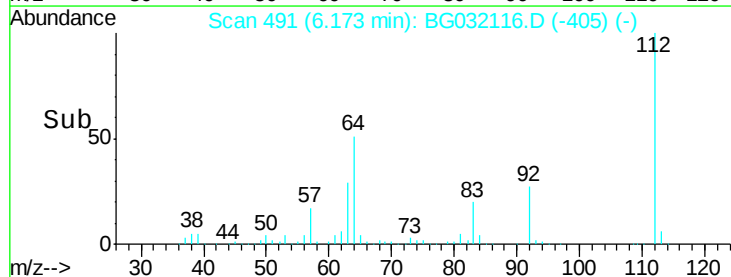
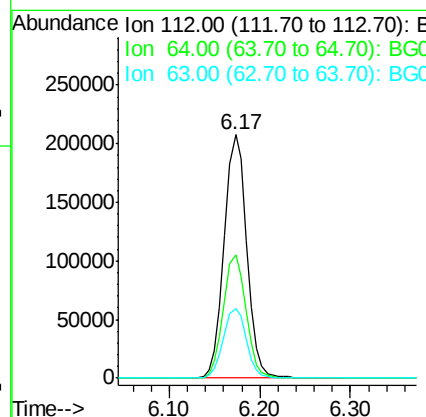
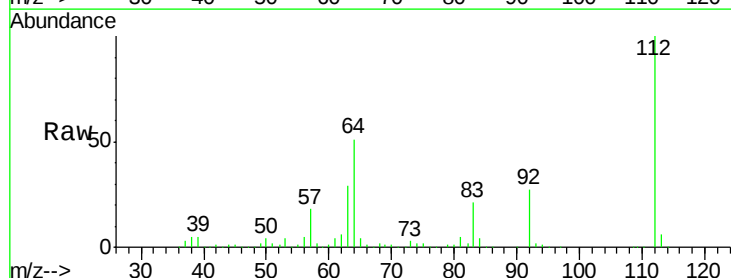
Tgt Ion:152 Resp: 51868
Ion Ratio Lower Upper
152 100
150 153.1 126.6 189.8
115 53.1 53.0 79.4

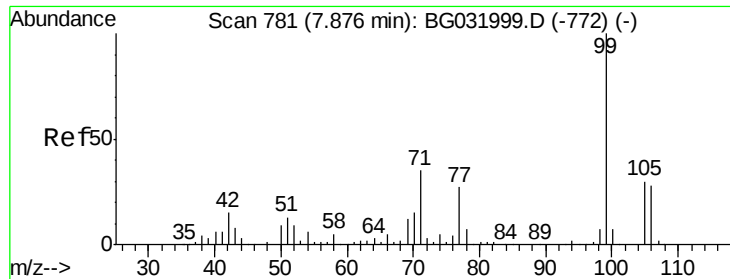


#5

2-Fluorophenol
Concen: 126.389 ng
RT: 6.17 min Scan# 491
Delta R.T. -0.02 min
Lab File: BG032116.D
Acq: 18 Jan 2018 00:51

Tgt Ion:112 Resp: 358435
Ion Ratio Lower Upper
112 100
64 50.9 56.3 84.5#
63 28.6 30.1 45.1#





#7

Phenol-d6

Concen: 119.685 ng

RT: 7.85 min Scan# 777

Delta R.T. -0.02 min

Lab File: BG032116.D

Acq: 18 Jan 2018 00:51

Instrument :

BNA_G

ClientSampleId :

PB105730BL

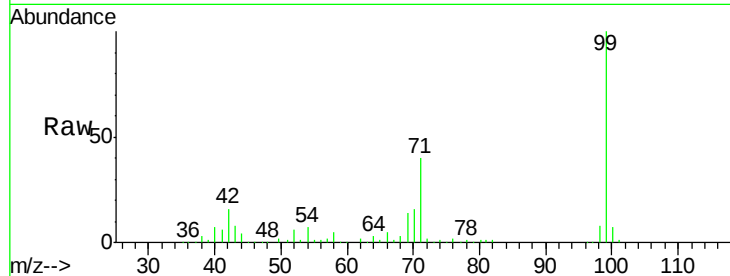
Tgt Ion: 99 Resp: 427483

Ion Ratio Lower Upper

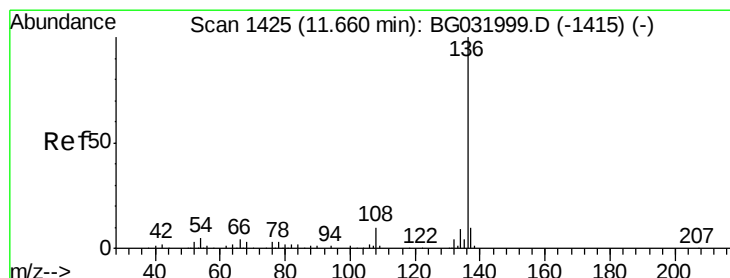
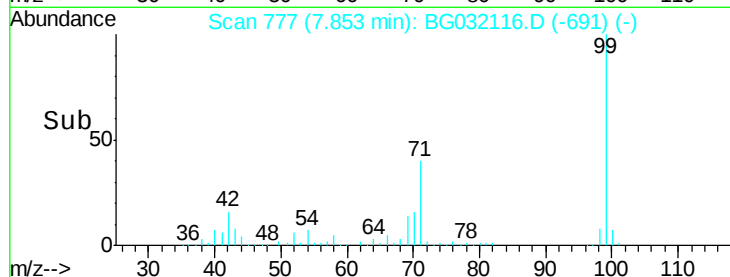
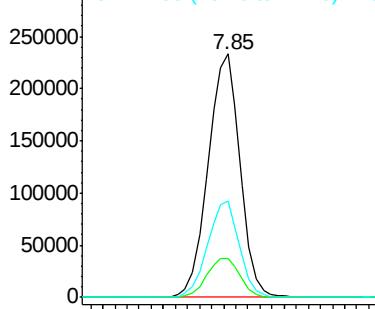
99 100

42 16.2 14.1 21.1

71 39.6 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: 11.63 min Scan# 1419

Delta R.T. -0.03 min

Lab File: BG032116.D

Acq: 18 Jan 2018 00:51

Tgt Ion: 136 Resp: 197221

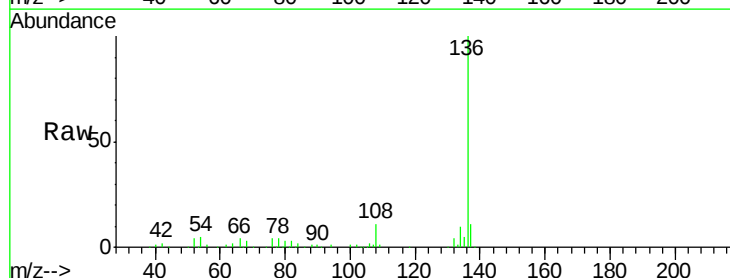
Ion Ratio Lower Upper

136 100

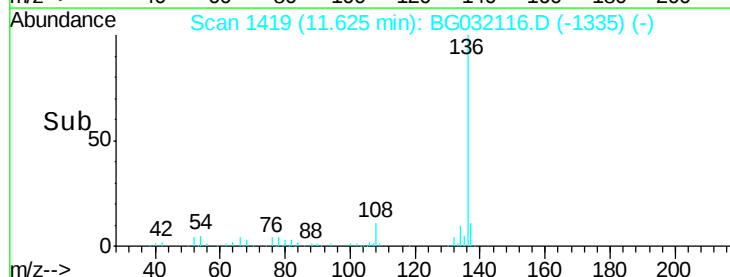
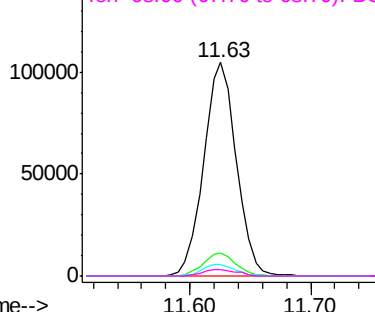
137 10.8 9.2 13.8

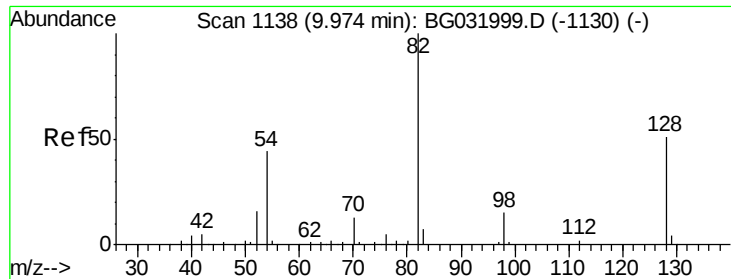
54 5.4 10.3 15.5#

68 3.0 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

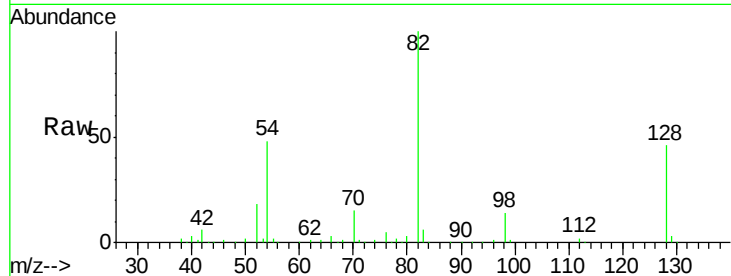




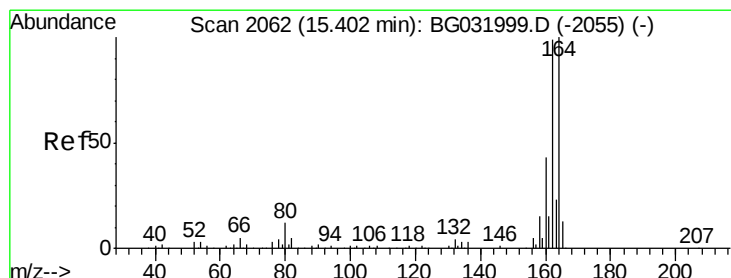
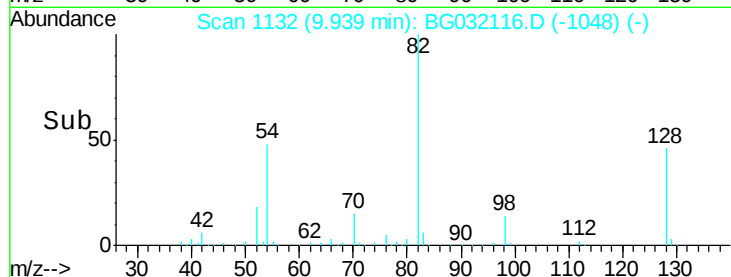
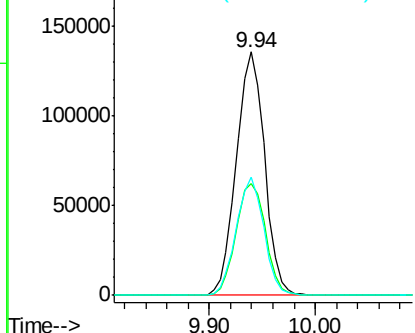
#23
 Nitrobenzene-d5
 Concen: 86.016 ng
 RT: 9.94 min Scan# 1132
 Delta R.T. -0.03 min
 Lab File: BG032116.D
 Acq: 18 Jan 2018 00:51

Instrument :
 BNA_G
 ClientSampleId :
 PB105730BL

Tgt Ion: 82 Resp: 250747
 Ion Ratio Lower Upper
 82 100
 128 46.0 29.7 44.5#
 54 48.5 43.1 64.7

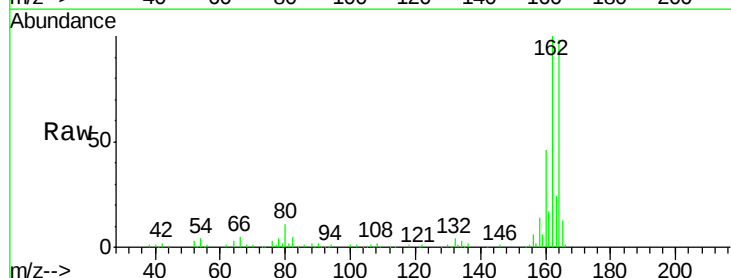


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

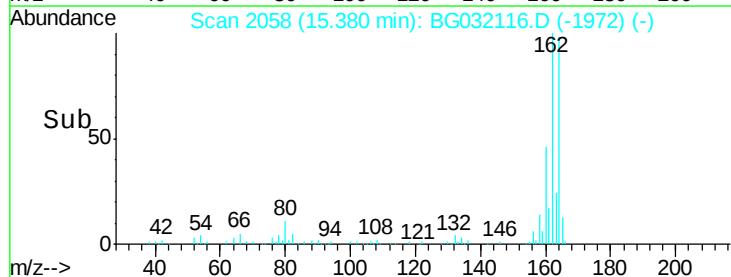
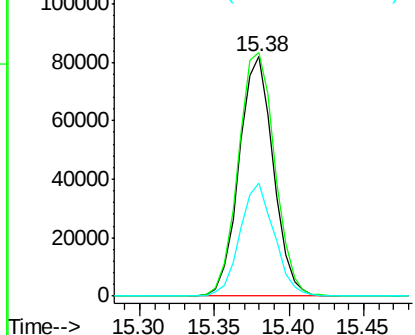


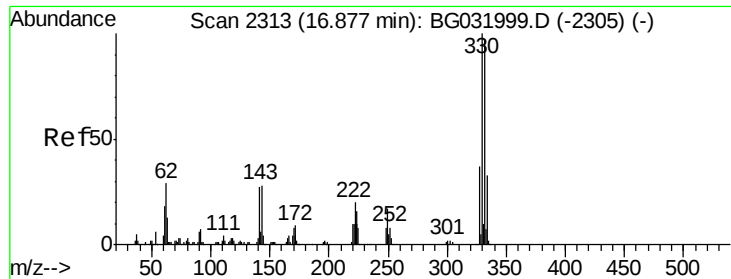
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.38 min Scan# 2058
 Delta R.T. -0.02 min
 Lab File: BG032116.D
 Acq: 18 Jan 2018 00:51

Tgt Ion: 164 Resp: 129889
 Ion Ratio Lower Upper
 164 100
 162 101.8 78.8 118.2
 160 47.2 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

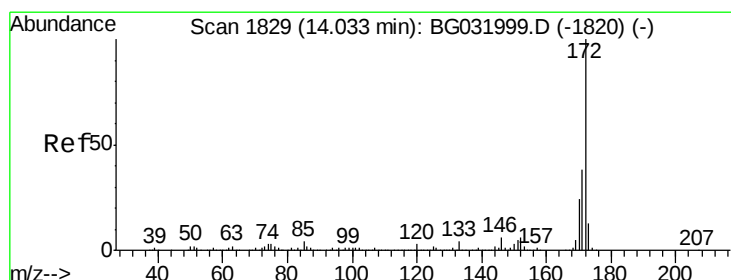
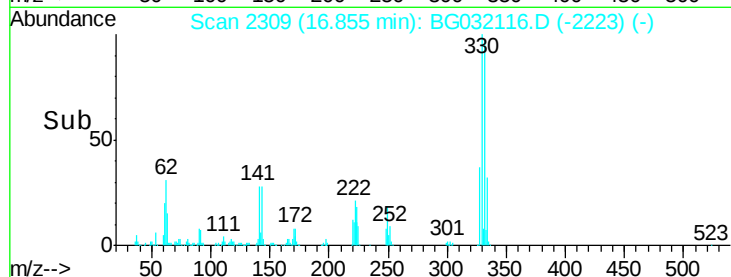
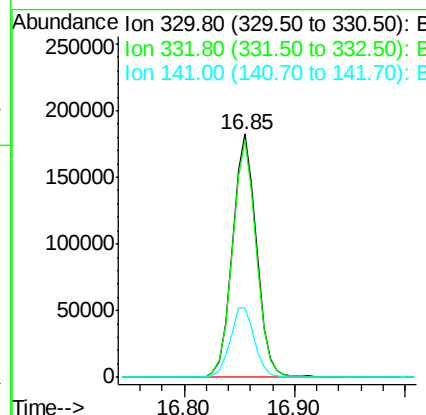
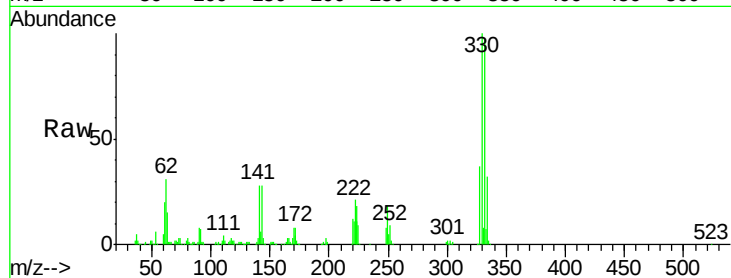




#41
 2,4,6-Tribromophenol
 Concen: 129.401 ng
 RT: 16.85 min Scan# 2309
 Delta R.T. -0.02 min
 Lab File: BG032116.D
 Acq: 18 Jan 2018 00:51

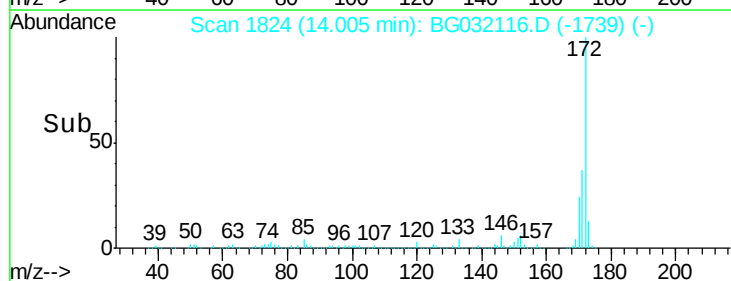
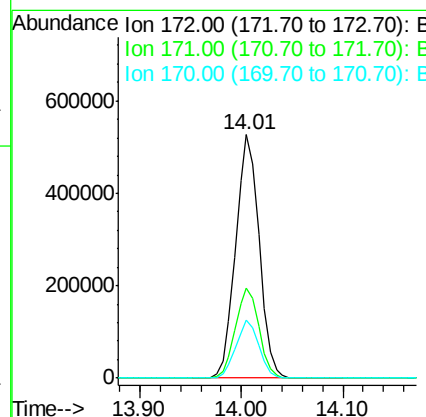
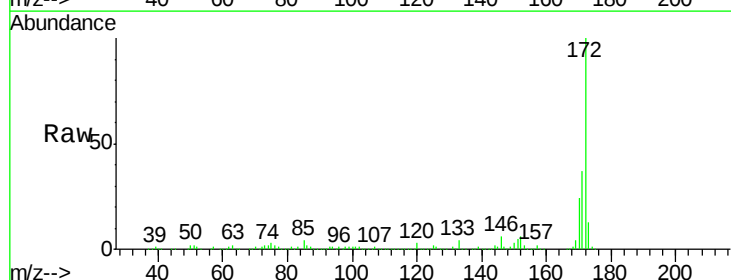
Instrument :
 BNA_G
 ClientSampleId :
 PB105730BL

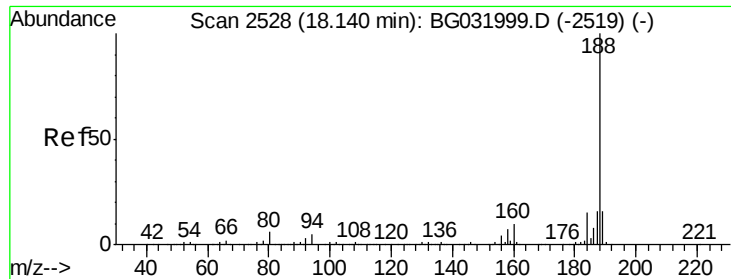
Tgt Ion:330 Resp: 278129
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 29.0 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 80.739 ng
 RT: 14.01 min Scan# 1824
 Delta R.T. -0.03 min
 Lab File: BG032116.D
 Acq: 18 Jan 2018 00:51

Tgt Ion:172 Resp: 845764
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 23.8 19.5 29.3

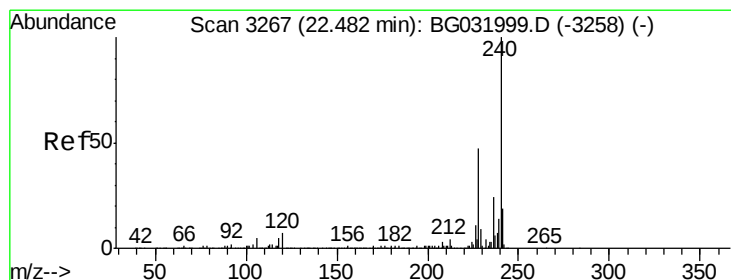
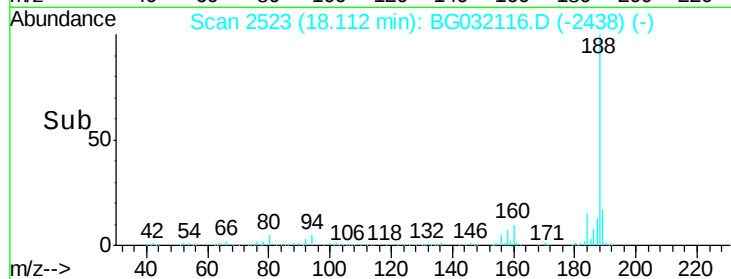
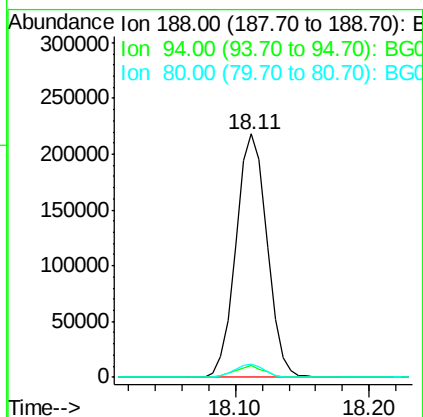
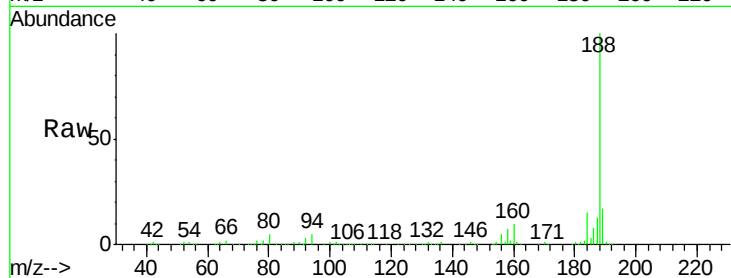




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.03 min
Lab File: BG032116.D
Acq: 18 Jan 2018 00:51

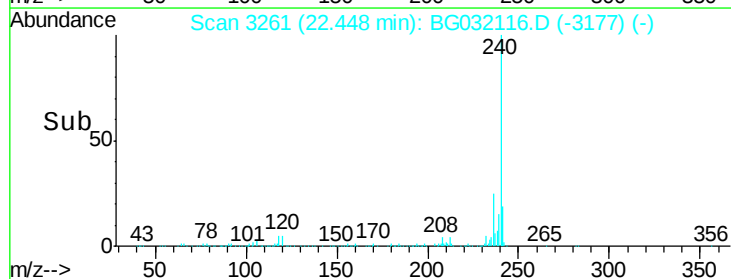
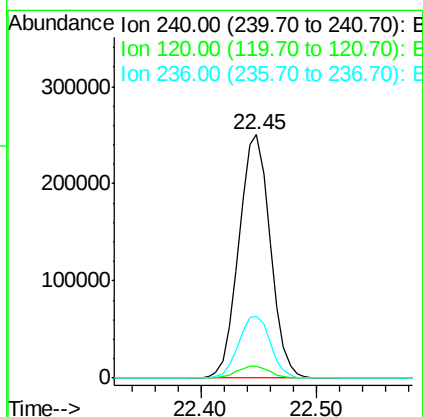
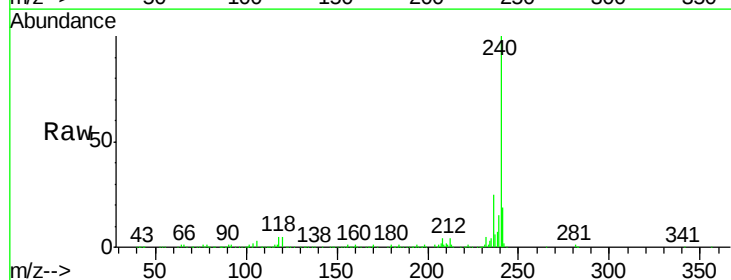
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BNA_G
ClientSampleId :
PB105730BL

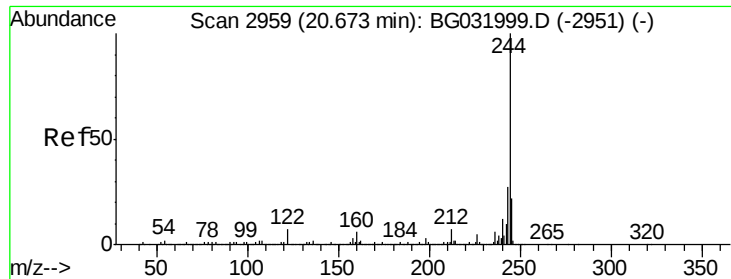
Tgt Ion:188 Resp: 350829
Ion Ratio Lower Upper
188 100
94 5.1 6.9 10.3#
80 5.4 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.45 min Scan# 3261
Delta R.T. -0.03 min
Lab File: BG032116.D
Acq: 18 Jan 2018 00:51

Tgt Ion:240 Resp: 473220
Ion Ratio Lower Upper
240 100
120 4.8 6.8 10.2#
236 25.4 20.9 31.3





#78

Terphenyl-d14

Concen: 81.212 ng

RT: 20.65 min Scan# 2955

Delta R.T. -0.02 min

Lab File: BG032116.D

Acq: 18 Jan 2018 00:51

Instrument :

BNA_G

ClientSampleId :

PB105730BL

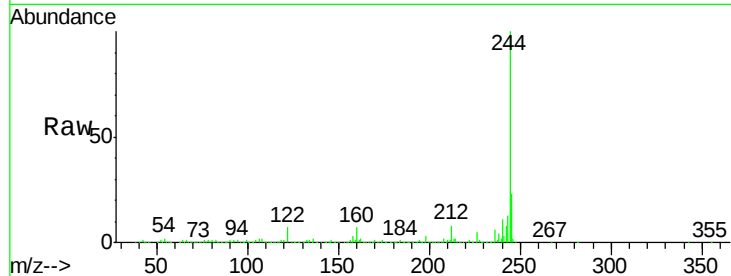
Tgt Ion:244 Resp: 1740505

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

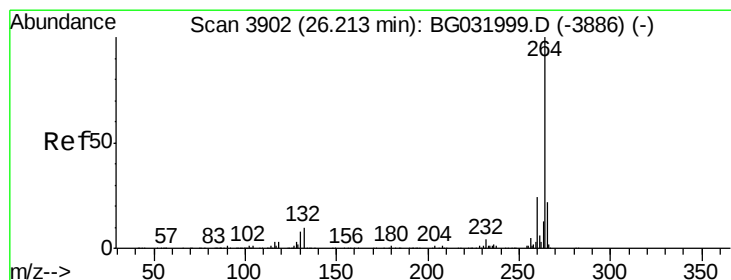
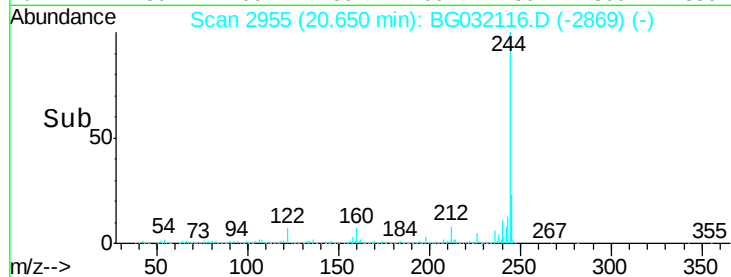
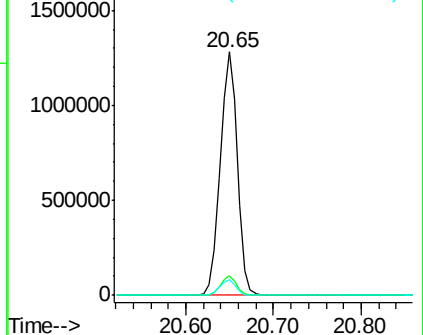
122 6.5 7.0 10.4#



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: 26.15 min Scan# 3891

Delta R.T. -0.06 min

Lab File: BG032116.D

Acq: 18 Jan 2018 00:51

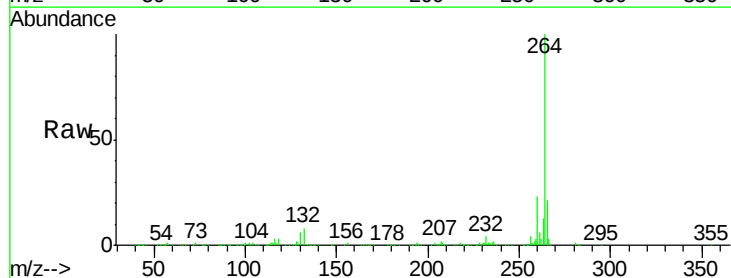
Tgt Ion:264 Resp: 504237

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.0

265 21.3 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

