

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG010918\
 Data File : BG031948.D
 Acq On : 9 Jan 2018 16:26
 Operator : SJ/JU
 Sample : PB105533BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105533BL

Quant Time: Jan 10 00:53:00 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 15:31:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	59681	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	248576	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	164743	20.00	ng	-0.02
63) Phenanthrene-d10	18.14	188	430130	20.00	ng	-0.02
75) Chrysene-d12	22.48	240	488432	20.00	ng	-0.04
86) Perylene-d12	26.21	264	485815	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	429386	131.04	ng	0.00
7) Phenol-d6	7.89	99	542208	127.45	ng	0.00
23) Nitrobenzene-d5	9.98	82	303392	92.16	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	332523	132.28	ng	-0.02
44) 2-Fluorobiphenyl	14.04	172	1078700	82.18	ng	-0.01
78) Terphenyl-d14	20.68	244	1813327	84.82	ng	-0.02

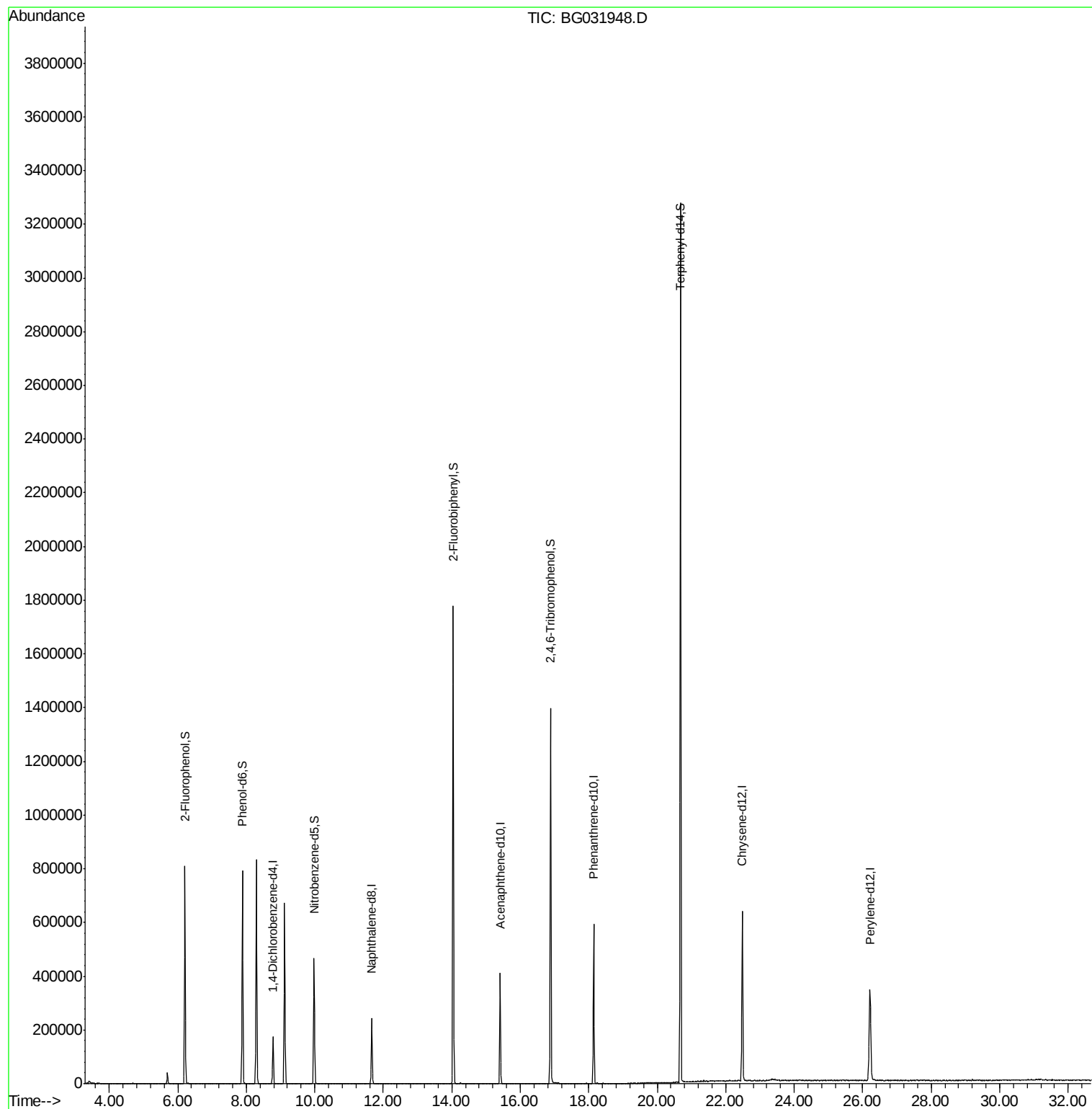
Target Compounds	Qvalue
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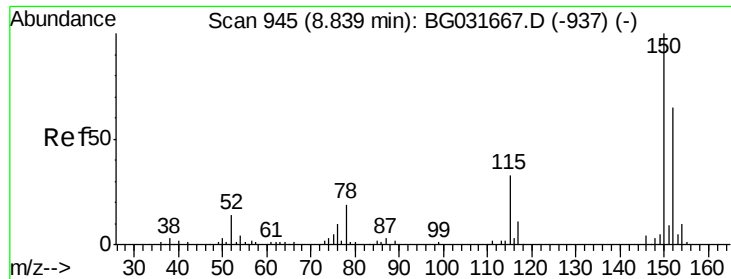
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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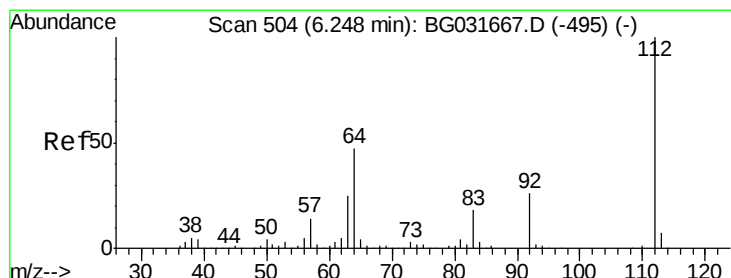
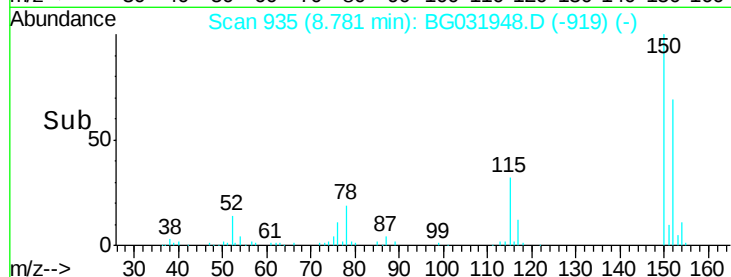
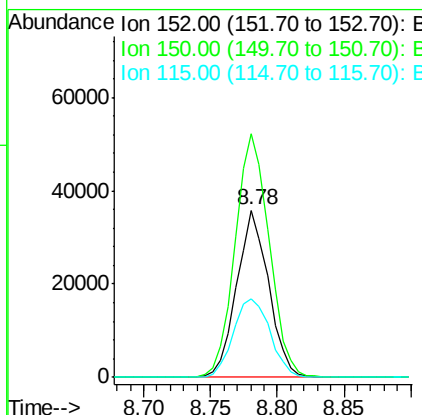
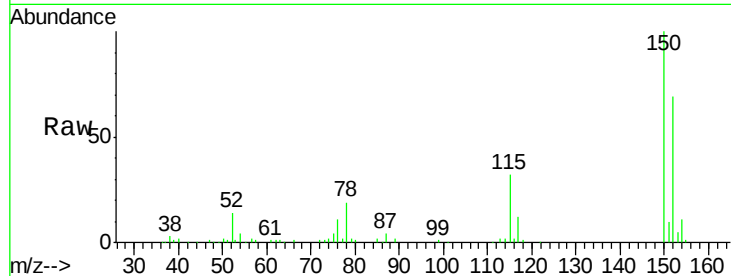




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.78 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BG031948.D
 Acq: 9 Jan 2018 16:26

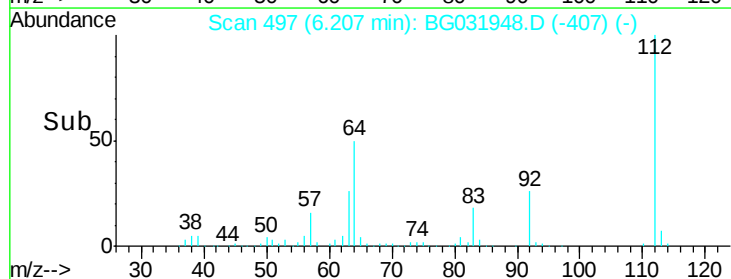
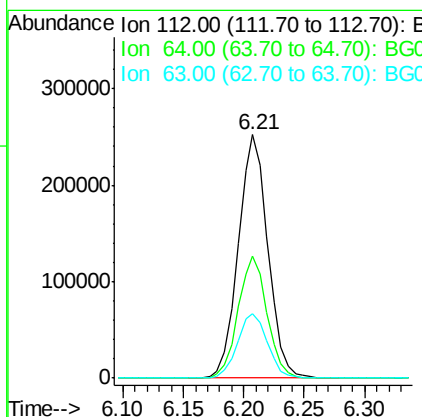
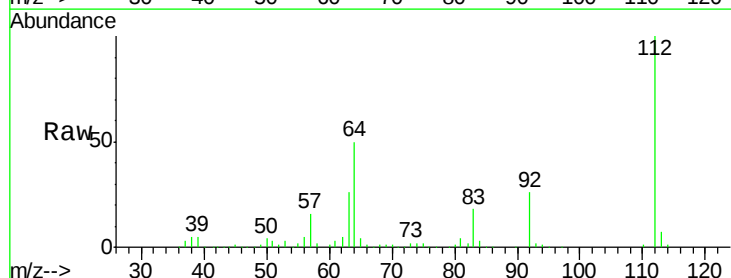
Instrument :
 BNA_G
 ClientSampleId :
 PB105533BL

Tgt Ion:152 Resp: 59681
 Ion Ratio Lower Upper
 152 100
 150 145.4 126.6 189.8
 115 46.5 53.0 79.4#



#5
 2-Fluorophenol
 Concen: 131.043 ng
 RT: 6.21 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BG031948.D
 Acq: 9 Jan 2018 16:26

Tgt Ion:112 Resp: 429386
 Ion Ratio Lower Upper
 112 100
 64 50.0 56.3 84.5#
 63 26.4 30.1 45.1#





#7

Phenol-d6

Concen: 127.452 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG031948.D

Acq: 9 Jan 2018 16:26

Instrument :

BNA_G

ClientSampleId :

PB105533BL

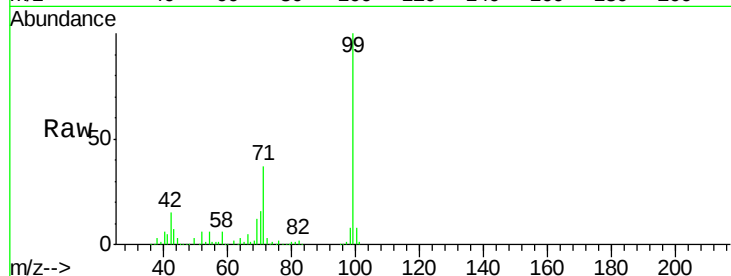
Tgt Ion: 99 Resp: 542208

Ion Ratio Lower Upper

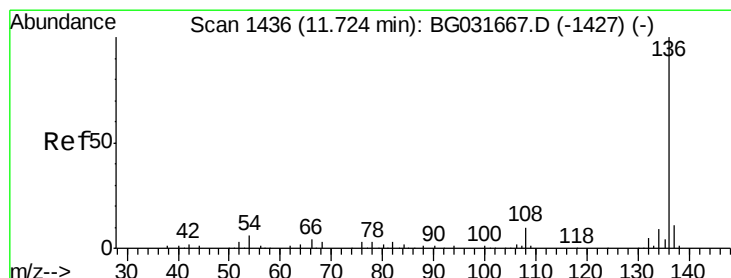
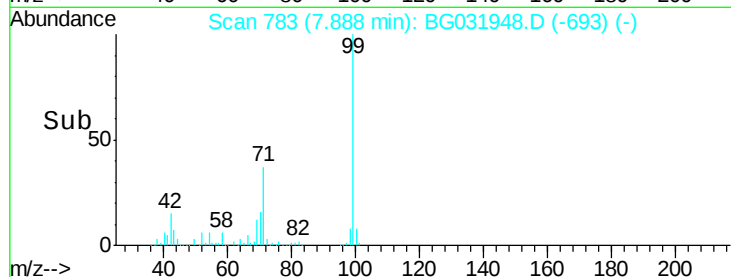
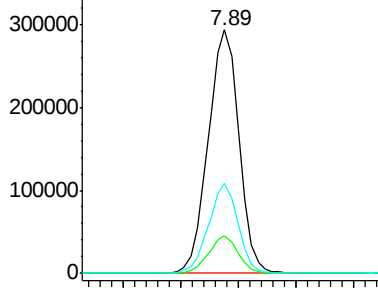
99 100

42 15.3 14.1 21.1

71 37.2 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: 11.67 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BG031948.D

Acq: 9 Jan 2018 16:26

Tgt Ion: 136 Resp: 248576

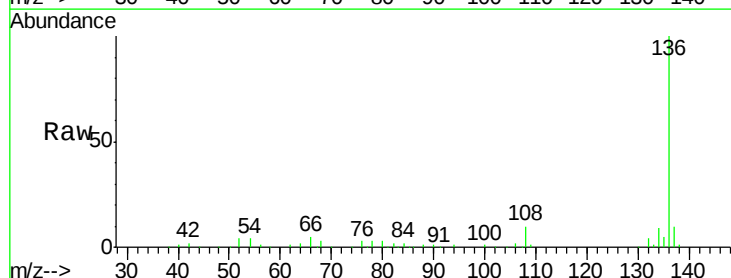
Ion Ratio Lower Upper

136 100

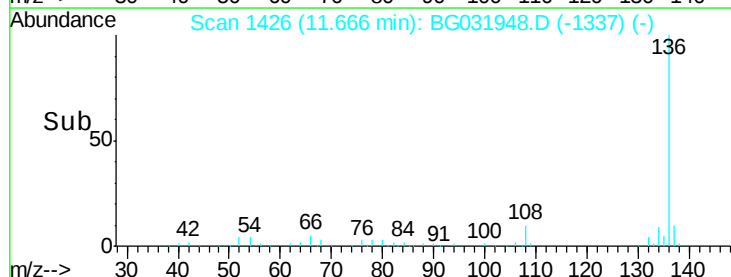
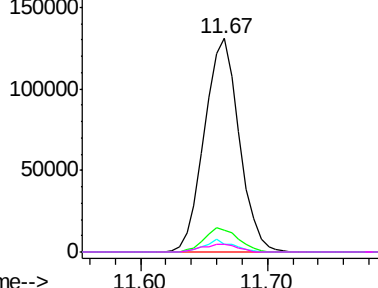
137 10.4 9.2 13.8

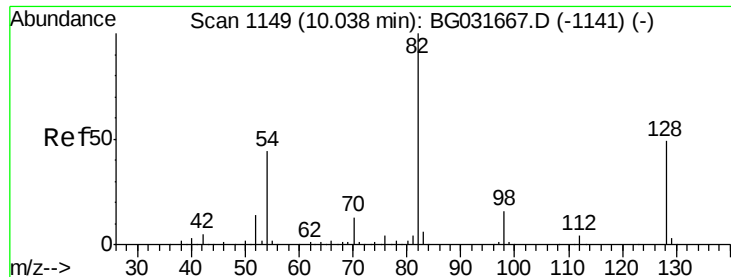
54 3.8 10.3 15.5#

68 3.5 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

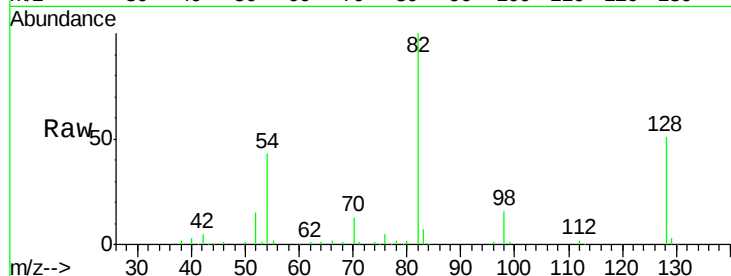




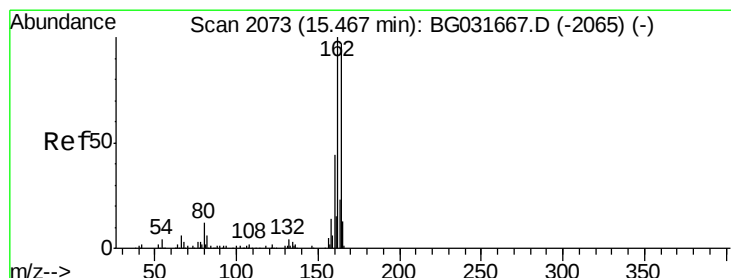
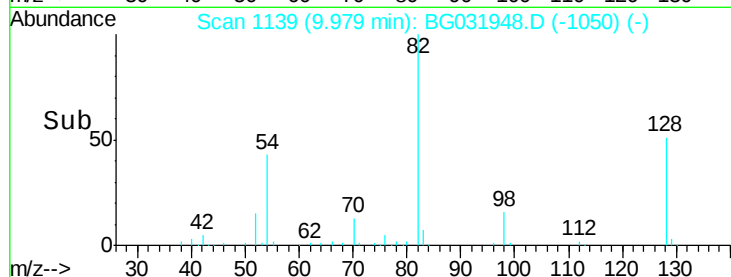
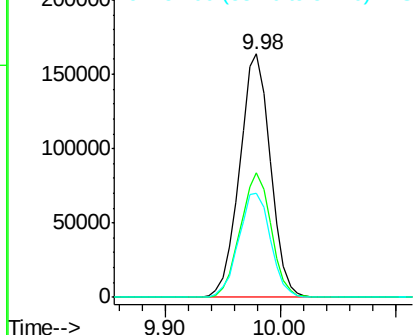
#23
 Nitrobenzene-d5
 Concen: 92.164 ng
 RT: 9.98 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BG031948.D
 Acq: 9 Jan 2018 16:26

Instrument :
 BNA_G
 ClientSampleId :
 PB105533BL

Tgt Ion: 82 Resp: 303392
 Ion Ratio Lower Upper
 82 100
 128 51.3 29.7 44.5#
 54 42.9 43.1 64.7#

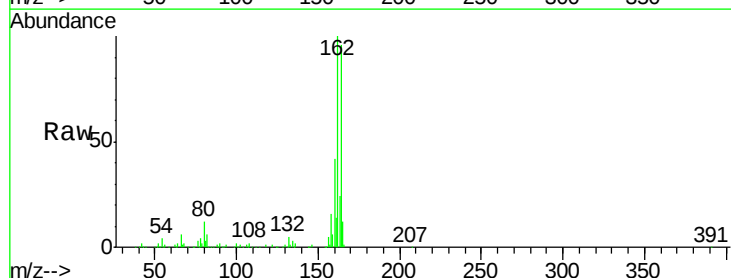


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

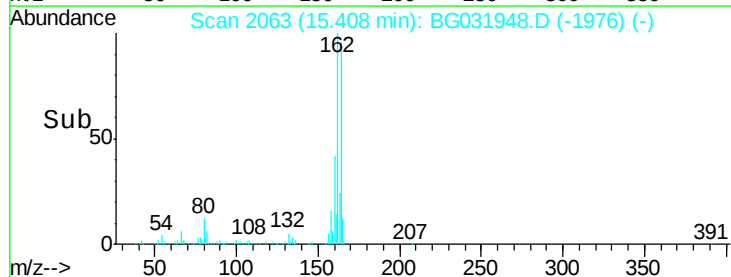
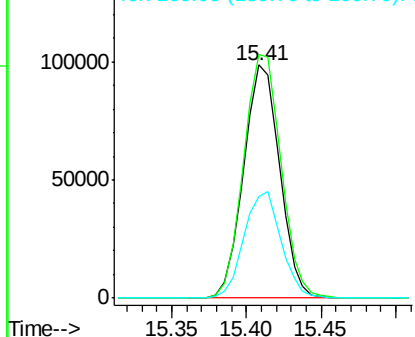


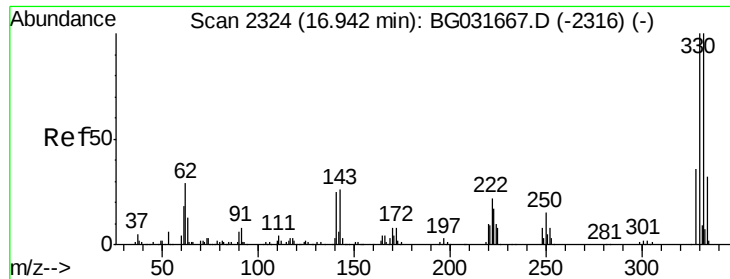
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2063
 Delta R.T. -0.02 min
 Lab File: BG031948.D
 Acq: 9 Jan 2018 16:26

Tgt Ion: 164 Resp: 164743
 Ion Ratio Lower Upper
 164 100
 162 104.6 78.8 118.2
 160 43.8 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

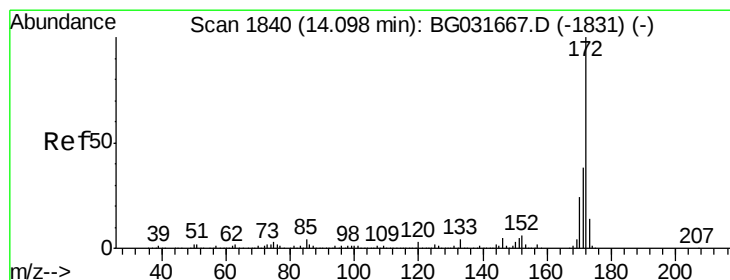
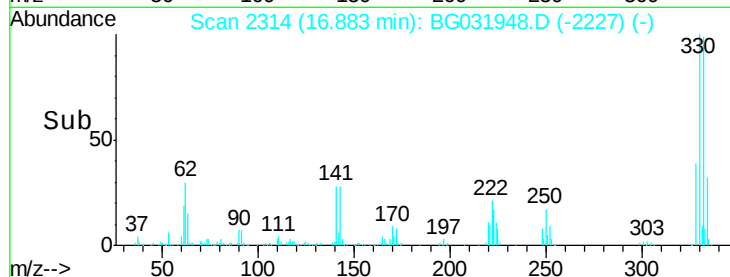
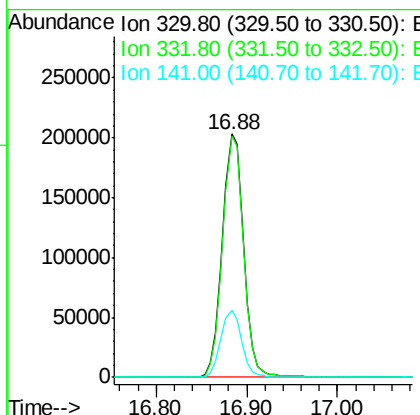
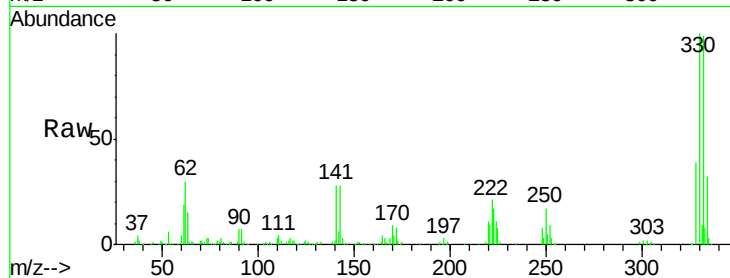




#41
 2,4,6-Tribromophenol
 Concen: 132.282 ng
 RT: 16.88 min Scan# 2314
 Delta R.T. -0.02 min
 Lab File: BG031948.D
 Acq: 9 Jan 2018 16:26

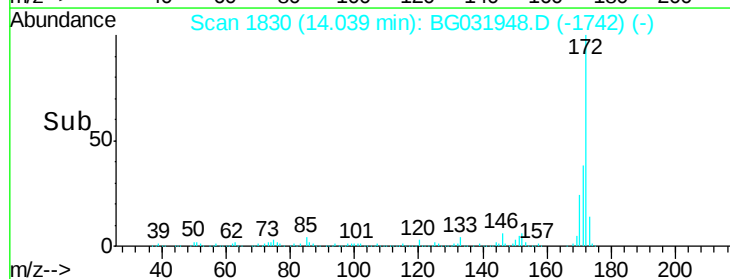
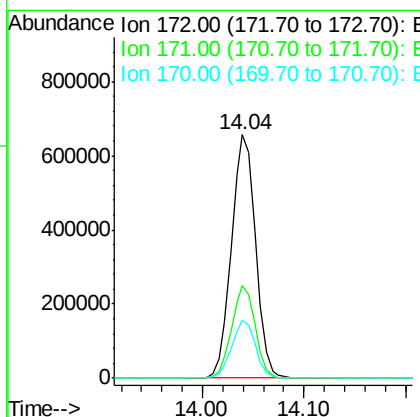
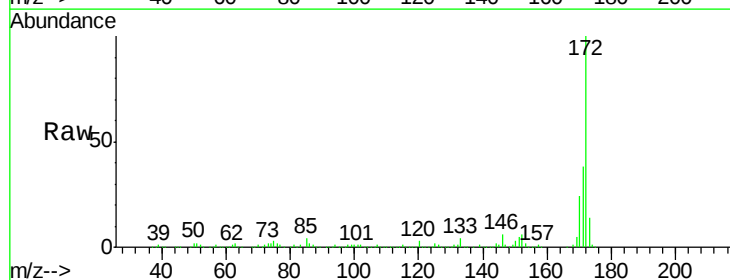
Instrument :
 BNA_G
 ClientSampleId :
 PB105533BL

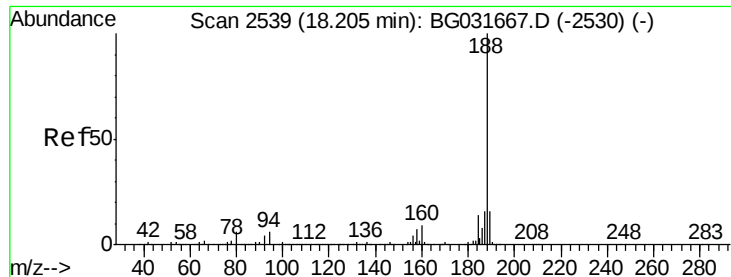
Tgt Ion:330 Resp: 332523
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 27.0 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 82.183 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG031948.D
 Acq: 9 Jan 2018 16:26

Tgt Ion:172 Resp: 1078700
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.0 45.0
 170 23.9 19.5 29.3

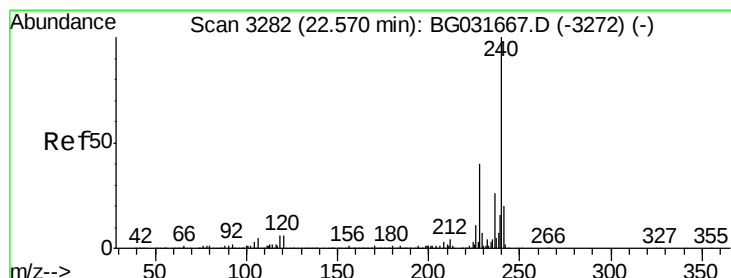
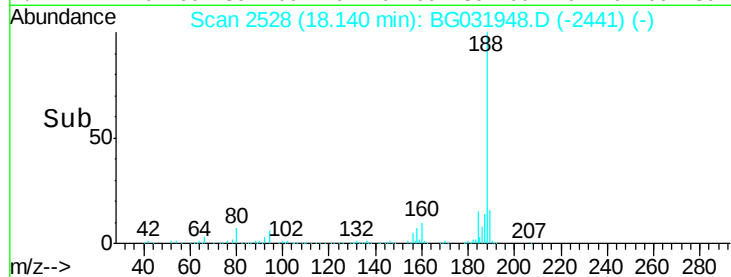
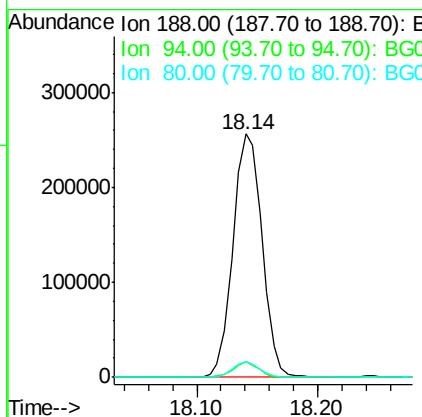
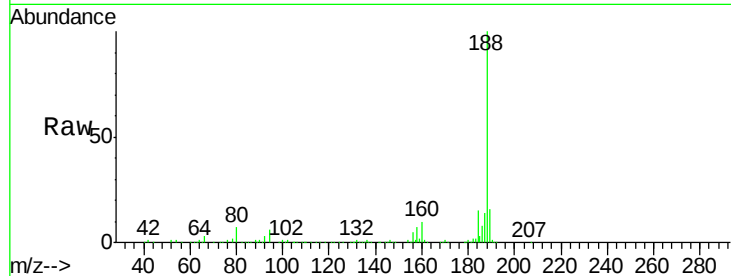




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BG031948.D
Acq: 9 Jan 2018 16:26

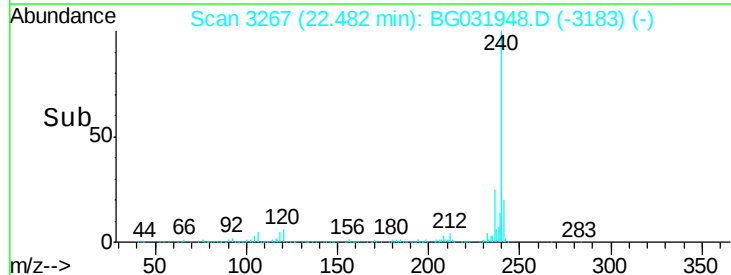
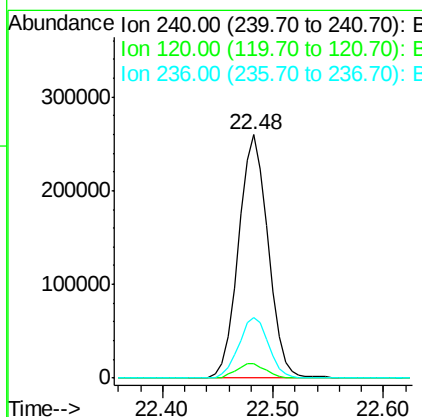
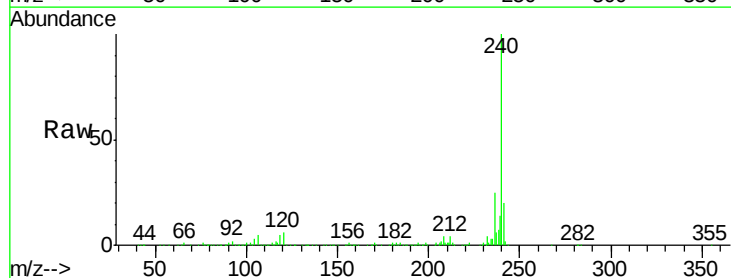
Instrument :
BNA_G
ClientSampleId :
PB105533BL

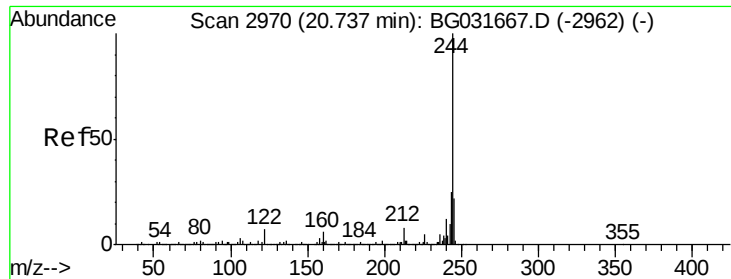
Tgt Ion:188 Resp: 430130
Ion Ratio Lower Upper
188 100
94 6.2 6.9 10.3#
80 6.7 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.48 min Scan# 3267
Delta R.T. -0.04 min
Lab File: BG031948.D
Acq: 9 Jan 2018 16:26

Tgt Ion:240 Resp: 488432
Ion Ratio Lower Upper
240 100
120 5.7 6.8 10.2#
236 24.9 20.9 31.3





#78

Terphenyl-d14

Concen: 84.819 ng

RT: 20.68 min Scan# 2960

Delta R.T. -0.02 min

Lab File: BG031948.D

Acq: 9 Jan 2018 16:26

Instrument :

BNA_G

ClientSampleId :

PB105533BL

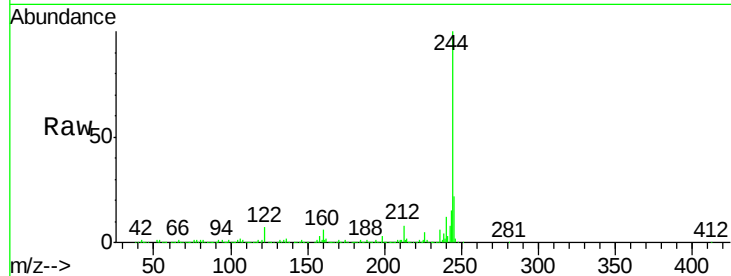
Tgt Ion:244 Resp: 1813327

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

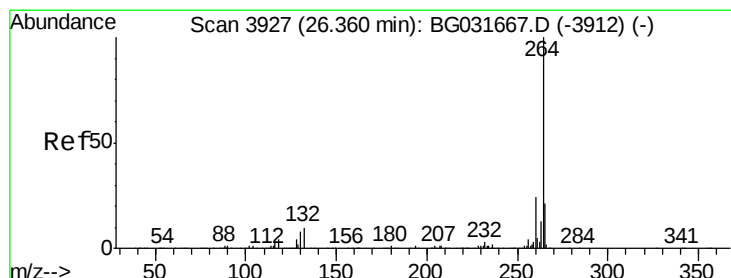
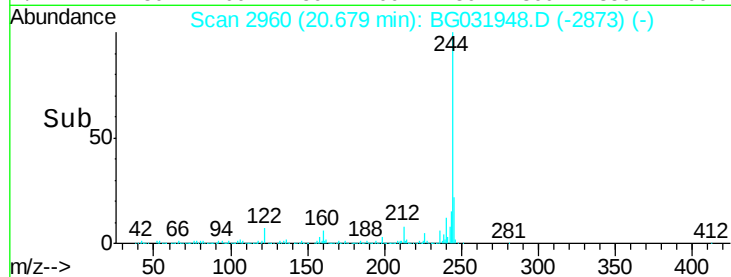
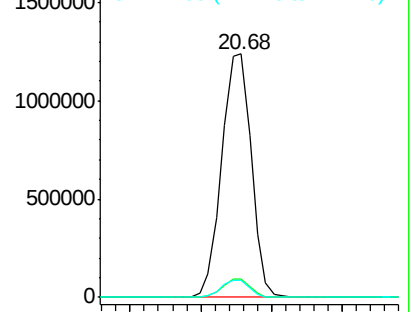
122 7.0 7.0 10.4



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: 26.21 min Scan# 3901

Delta R.T. -0.09 min

Lab File: BG031948.D

Acq: 9 Jan 2018 16:26

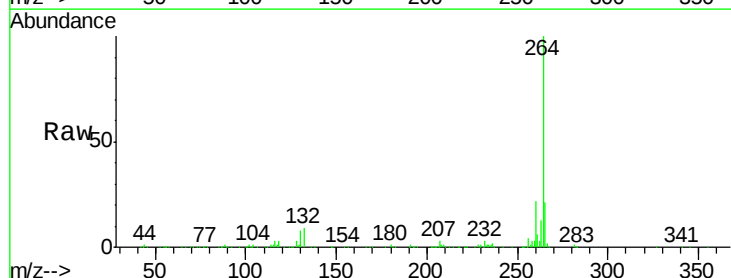
Tgt Ion:264 Resp: 485815

Ion Ratio Lower Upper

264 100

260 21.8 17.4 26.0

265 20.9 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

