

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112917\
 Data File : BG031287.D
 Acq On : 30 Nov 2017 1:22
 Operator : SJ/JU
 Sample : I6612-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-3460

Quant Time: Nov 30 03:11:41 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	71752	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	284498	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	182372	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	480782	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	550659	20.00	ng	-0.02
86) Perylene-d12	25.07	264	443238	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	586986	140.28	ng	-0.02
7) Phenol-d6	7.29	99	679918	120.61	ng	-0.01
23) Nitrobenzene-d5	9.30	82	467207	97.31	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	372071	126.12	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1306781	102.96	ng	-0.02
78) Terphenyl-d14	20.09	244	2351038	94.27	ng	-0.01

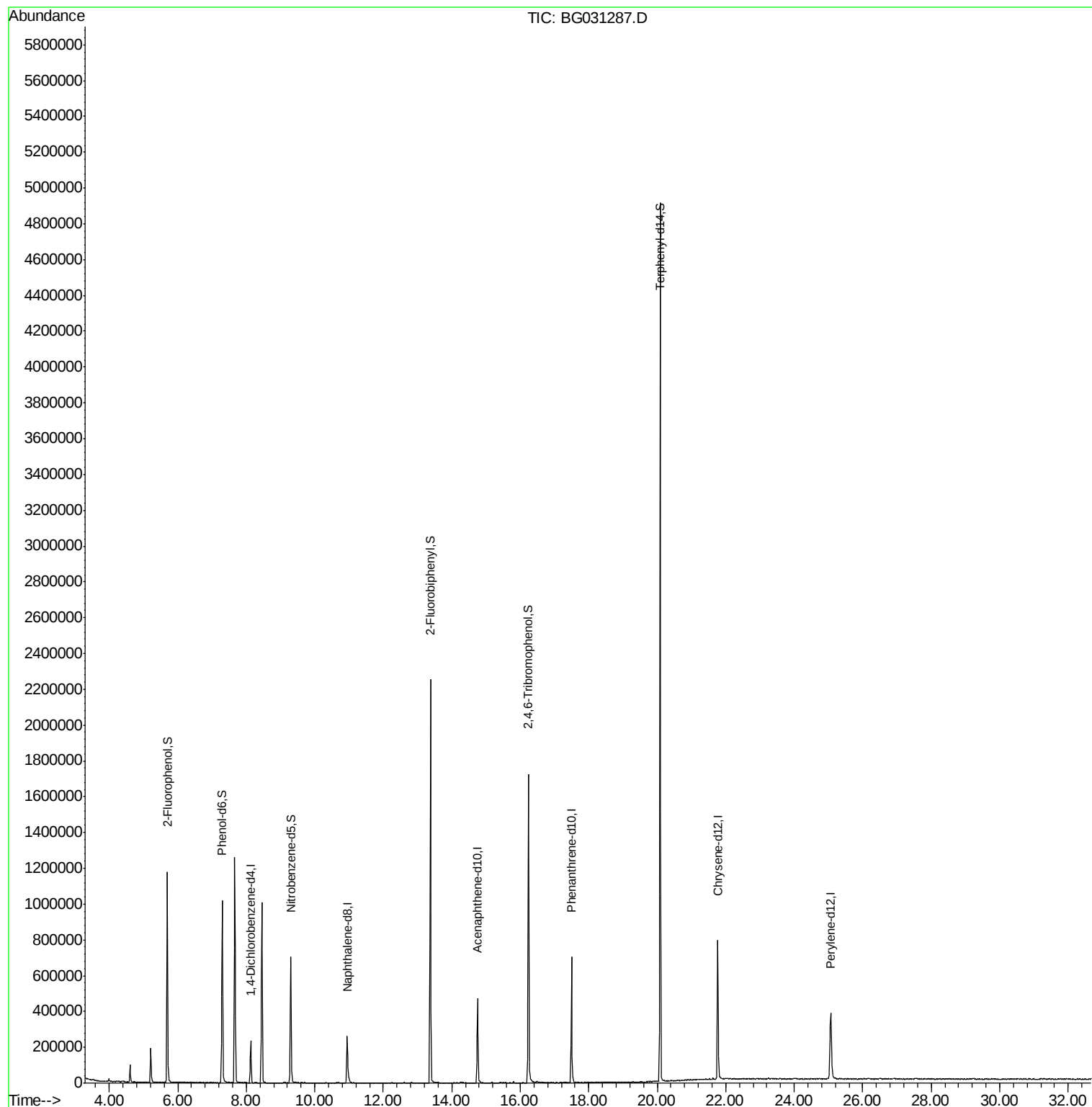
Target Compounds Qvalue

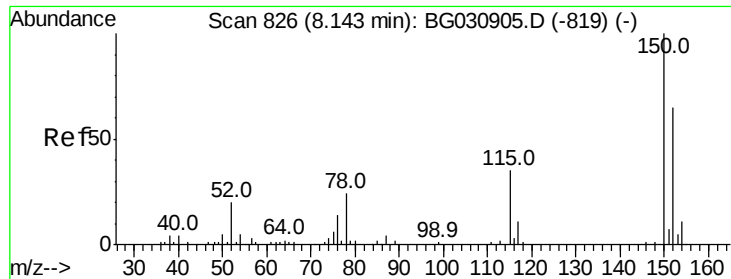
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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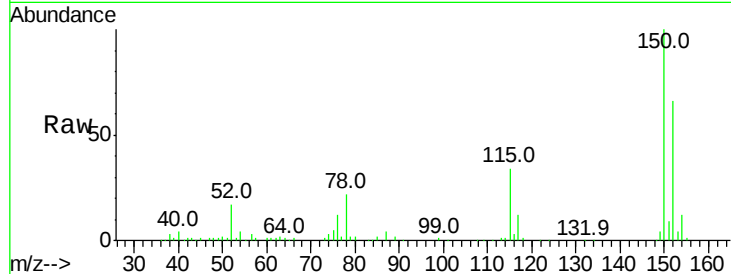


#1

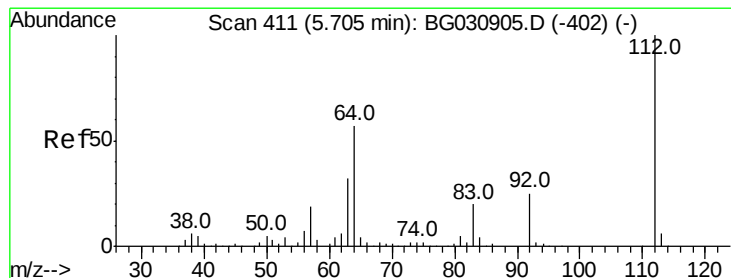
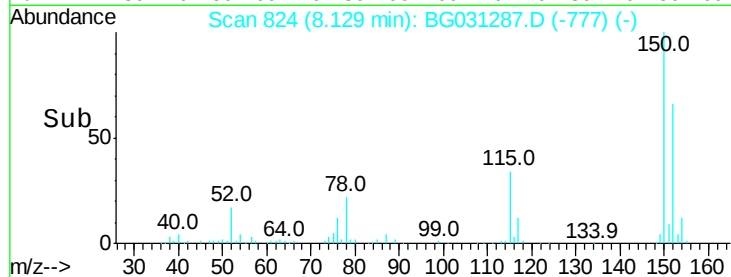
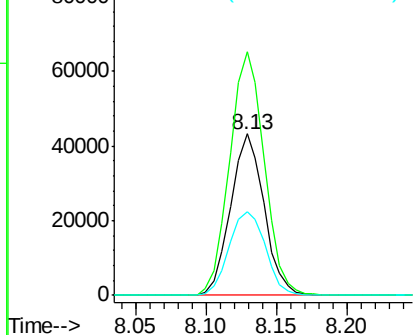
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031287.D
Acq: 30 Nov 2017 1:22

Instrument :
BNA_G
ClientSampleId :
RT-3460

Tot Ion:152 Resp: 71752
Ion Ratio Lower Upper
152 100
150 150.9 126.6 189.8
115 52.0 53.0 79.4#



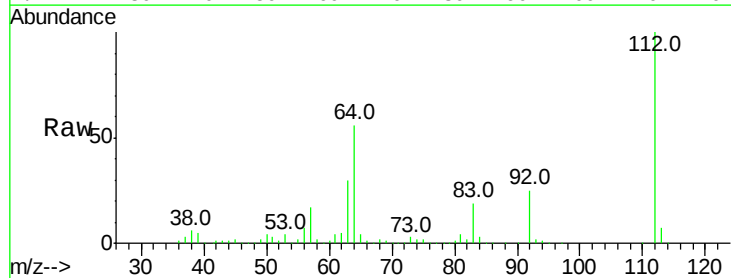
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



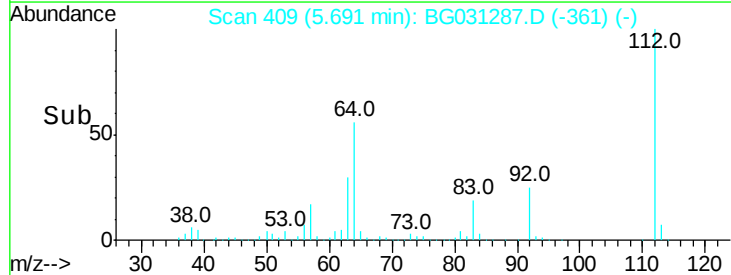
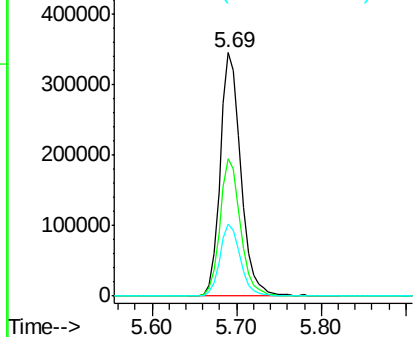
#5

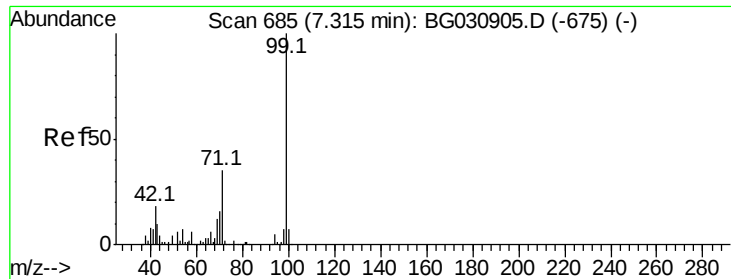
2-Fluorophenol
Concen: 140.280 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.02 min
Lab File: BG031287.D
Acq: 30 Nov 2017 1:22

Tgt Ion:112 Resp: 586986
Ion Ratio Lower Upper
112 100
64 56.4 56.3 84.5
63 29.8 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 120.611 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031287.D

Acq: 30 Nov 2017 1:22

Instrument :

BNA_G

ClientSampleId :

RT-3460

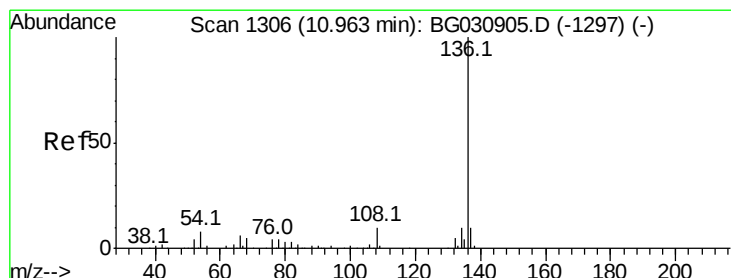
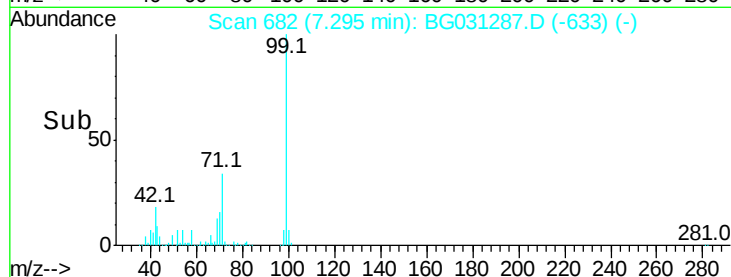
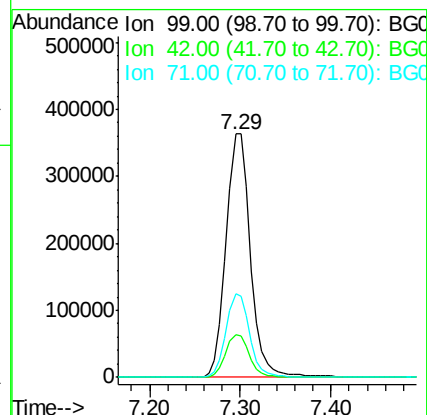
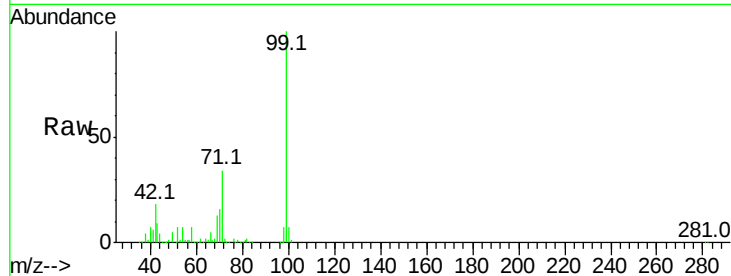
Tot Ion: 99 Resp: 679918

Ion Ratio Lower Upper

99 100

42 17.8 14.1 21.1

71 34.1 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031287.D

Acq: 30 Nov 2017 1:22

Tgt Ion: 136 Resp: 284498

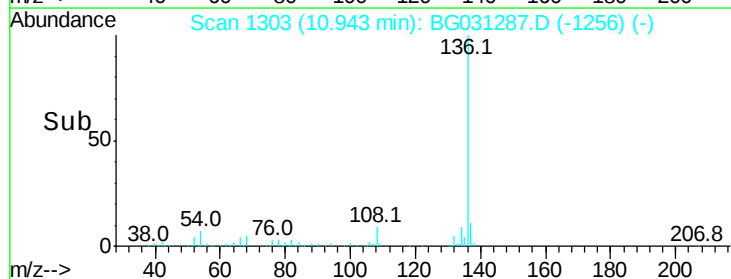
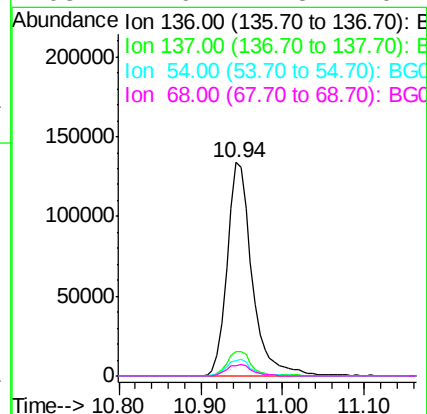
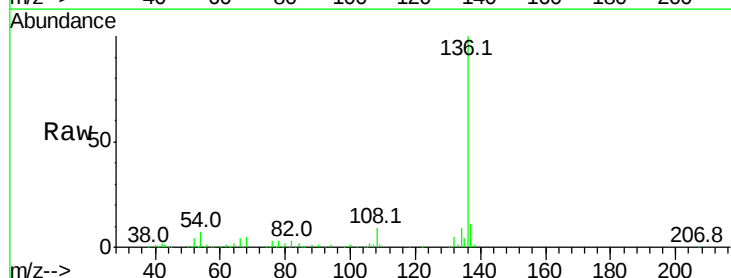
Ion Ratio Lower Upper

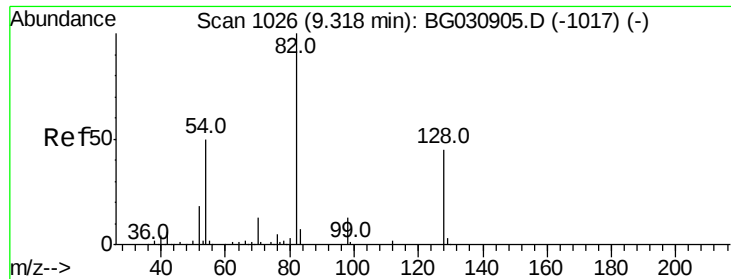
136 100

137 11.4 9.2 13.8

54 7.2 10.3 15.5#

68 4.9 4.5 6.7

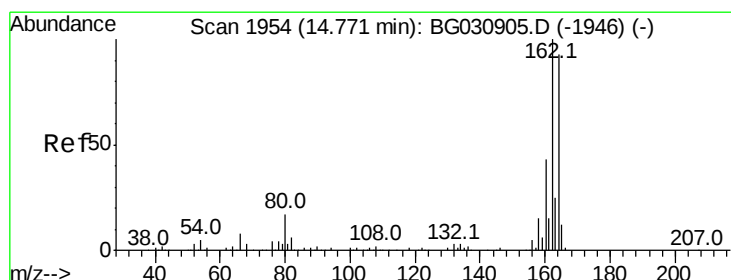
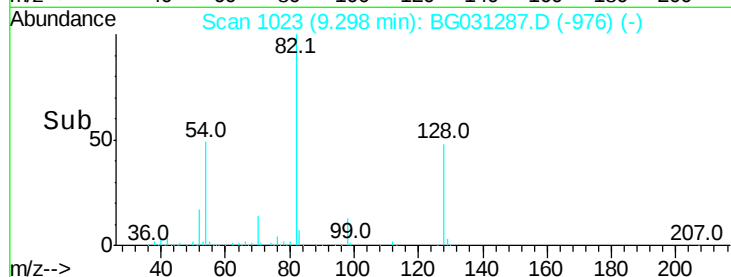
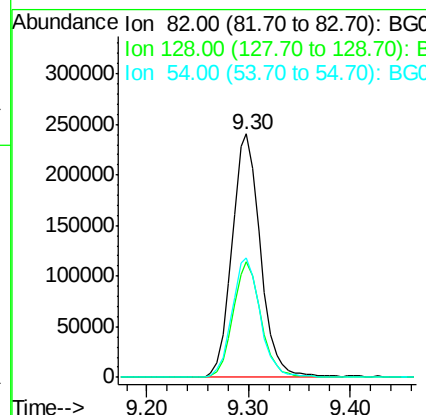
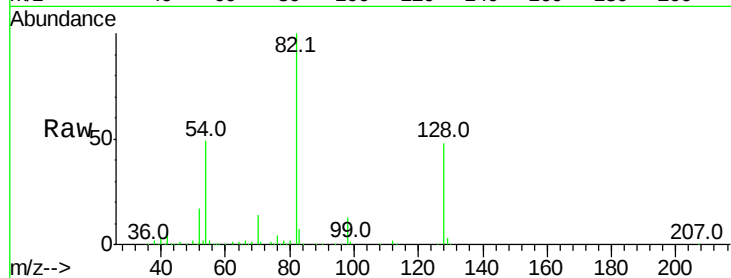




#23
 Nitrobenzene-d5
 Concen: 97.312 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG031287.D
 Acq: 30 Nov 2017 1:22

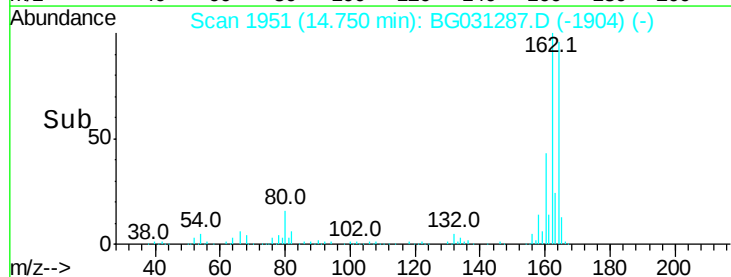
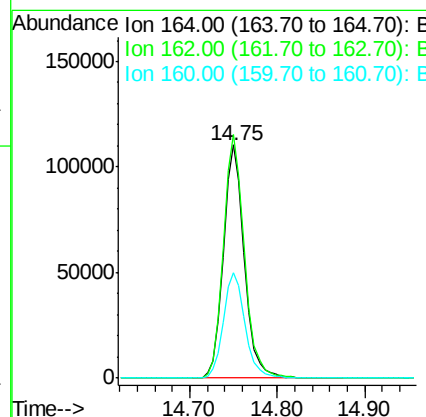
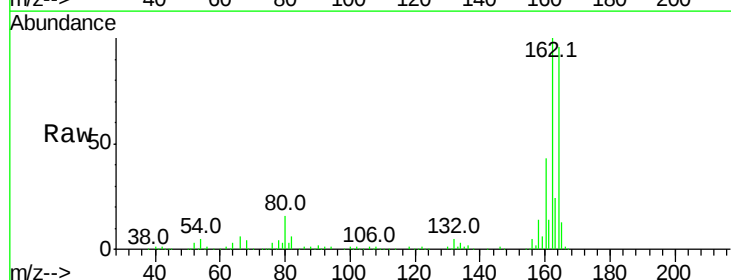
Instrument :
 BNA_G
 ClientSampleId :
 RT-3460

Tot Ion: 82 Resp: 467207
 Ion Ratio Lower Upper
 82 100
 128 47.6 29.7 44.5#
 54 48.9 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.02 min
 Lab File: BG031287.D
 Acq: 30 Nov 2017 1:22

Tgt Ion: 164 Resp: 182372
 Ion Ratio Lower Upper
 164 100
 162 104.4 78.8 118.2
 160 45.3 35.4 53.0

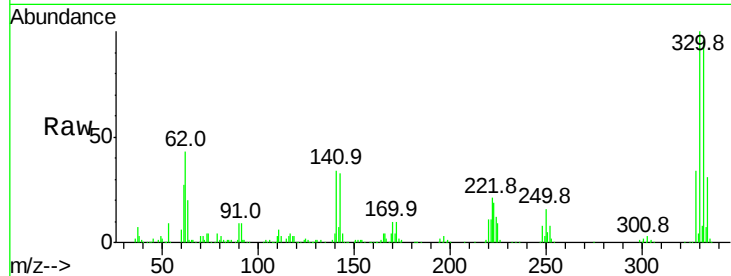




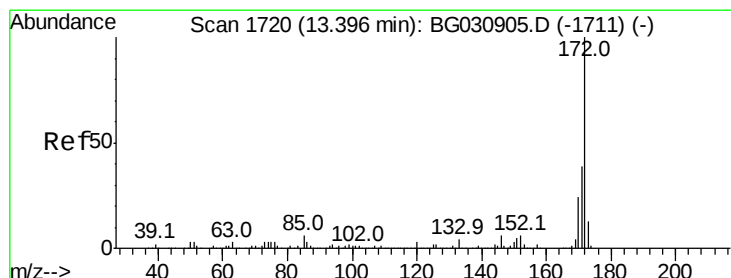
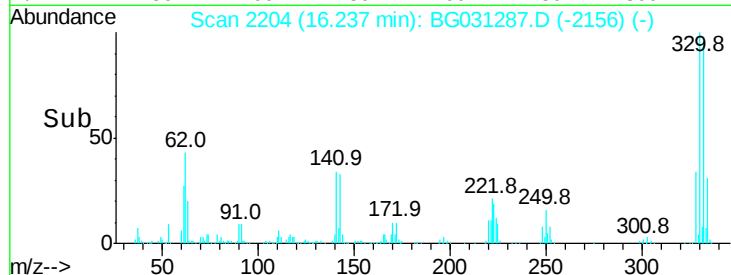
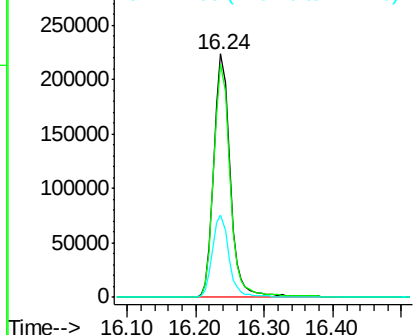
#41
 2,4,6-Tribromophenol
 Concen: 126.118 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031287.D
 Acq: 30 Nov 2017 1:22

Instrument :
 BNA_G
 ClientSampleId :
 RT-3460

Tot Ion:330 Resp: 372071
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 34.1 25.2 37.8

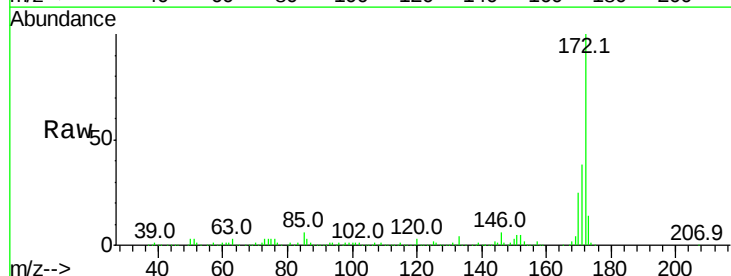


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

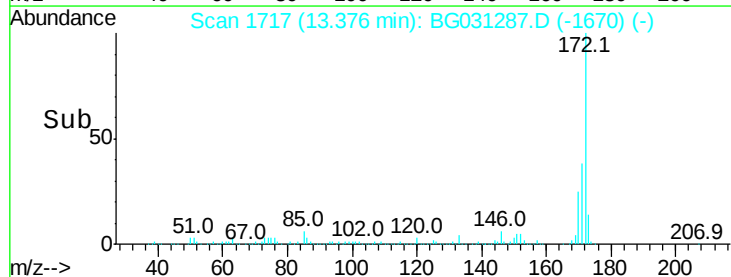
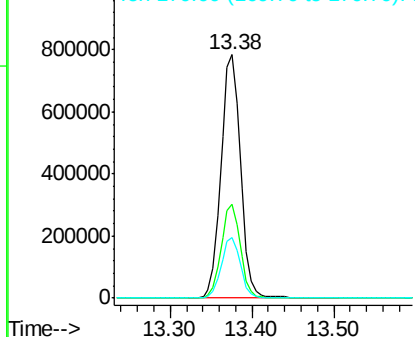


#44
 2-Fluorobiphenyl
 Concen: 102.960 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031287.D
 Acq: 30 Nov 2017 1:22

Tgt Ion:172 Resp: 1306781
 Ion Ratio Lower Upper
 172 100
 171 38.4 30.0 45.0
 170 24.9 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BG031287.D

Acq: 30 Nov 2017 1:22

Instrument :

BNA_G

ClientSampleId :

RT-3460

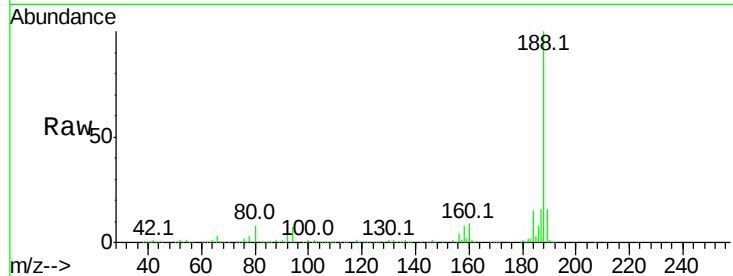
Tot Ion:188 Resp: 480782

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

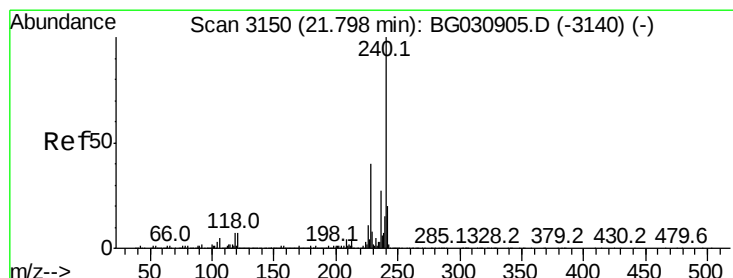
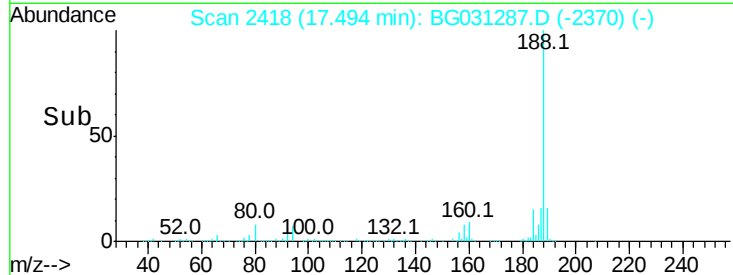
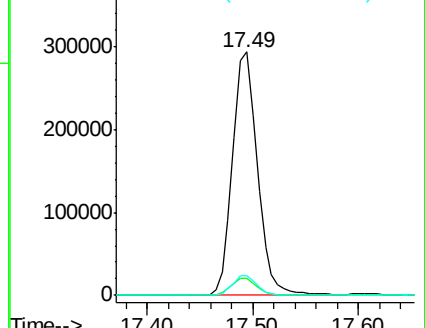
80 8.0 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031287.D

Acq: 30 Nov 2017 1:22

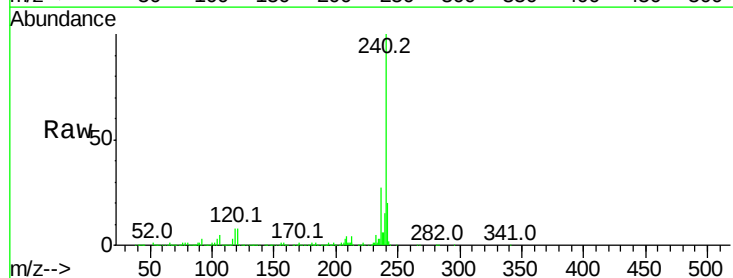
Tgt Ion:240 Resp: 550659

Ion Ratio Lower Upper

240 100

120 8.0 6.8 10.2

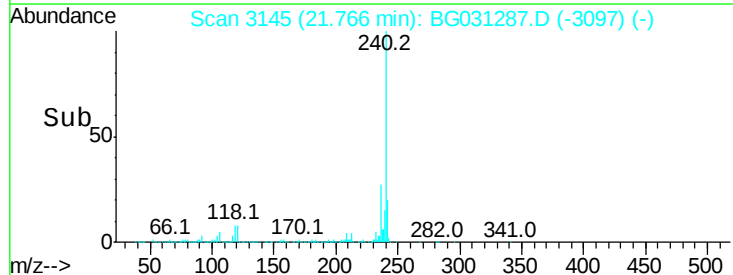
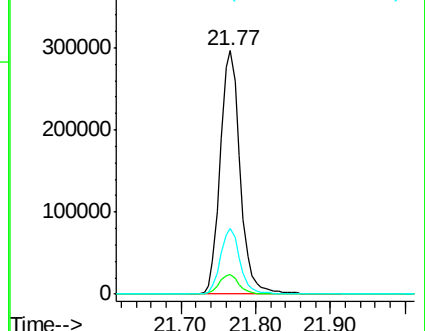
236 26.9 20.9 31.3



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: 94.274 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031287.D

Acq: 30 Nov 2017 1:22

Instrument :

BNA_G

ClientSampleId :

RT-3460

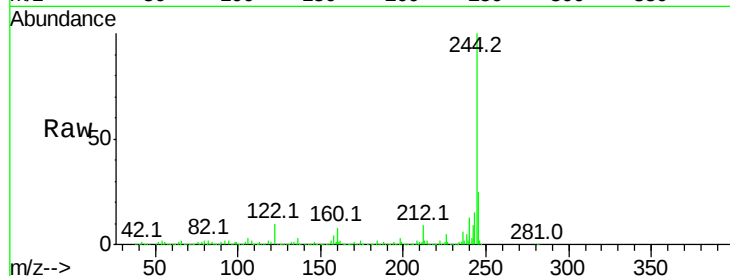
Tot Ion:244 Resp: 2351038

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

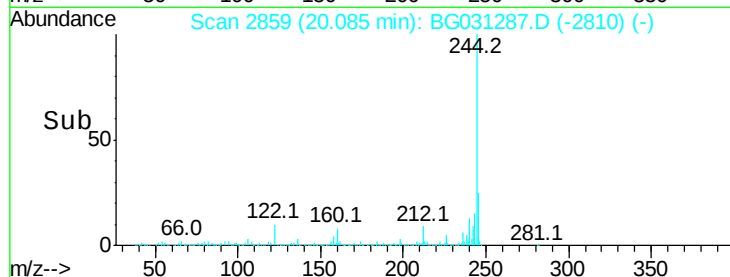
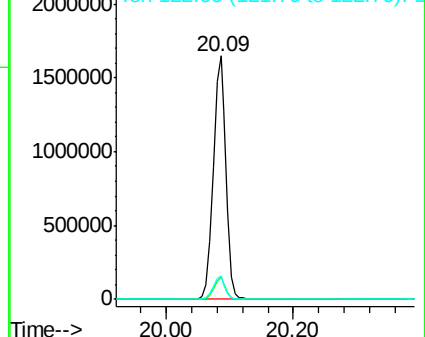
122 9.5 7.0 10.4



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: 25.07 min Scan# 3707

Delta R.T. -0.02 min

Lab File: BG031287.D

Acq: 30 Nov 2017 1:22

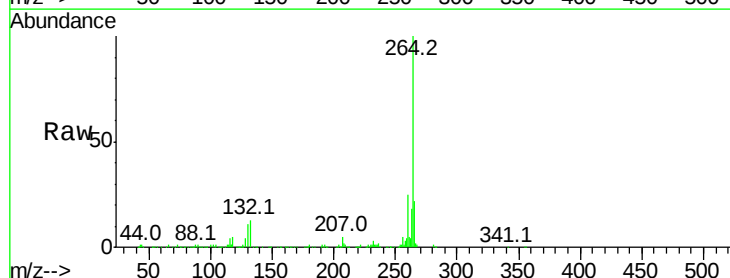
Tgt Ion:264 Resp: 443238

Ion Ratio Lower Upper

264 100

260 24.7 17.4 26.0

265 22.3 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

