

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110417\
 Data File : BG030713.D
 Acq On : 3 Nov 2017 23:24
 Operator : SJ/JU
 Sample : PB103952BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 04 00:15:36 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 18:14:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	64663	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	298770	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	217638	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	547108	20.00	ng	0.00
75) Chrysene-d12	21.78	240	604842	20.00	ng	0.00
86) Perylene-d12	25.07	264	610821	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	419523	108.38	ng	0.00
7) Phenol-d6	7.31	99	575604	105.94	ng	0.00
23) Nitrobenzene-d5	9.32	82	331512	70.51	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	305556	108.74	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	995225	67.07	ng	0.00
78) Terphenyl-d14	20.10	244	1686403	63.43	ng	0.00

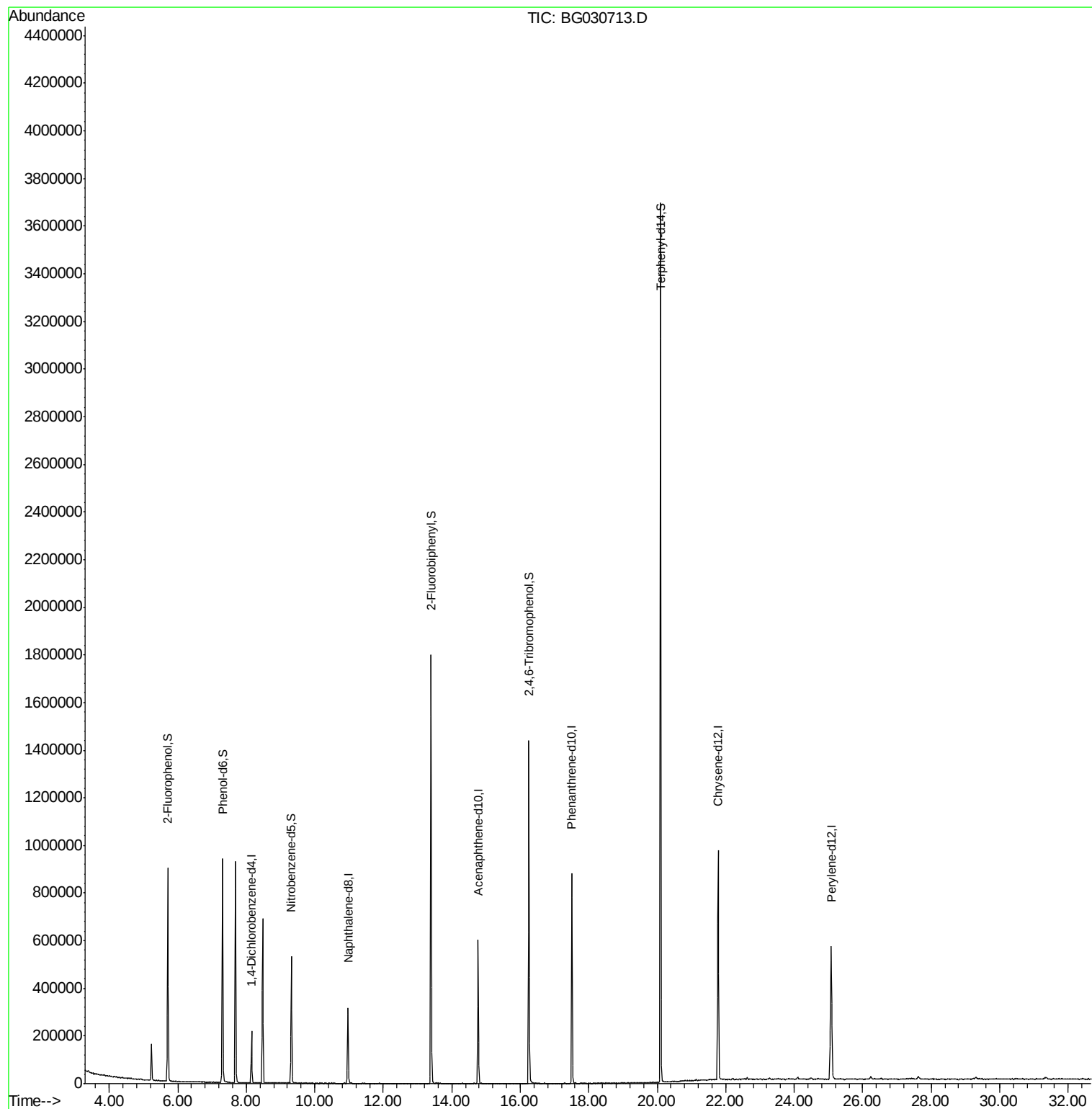
Target Compounds Qvalue

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

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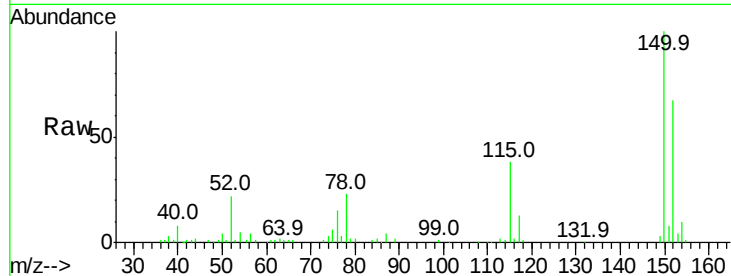




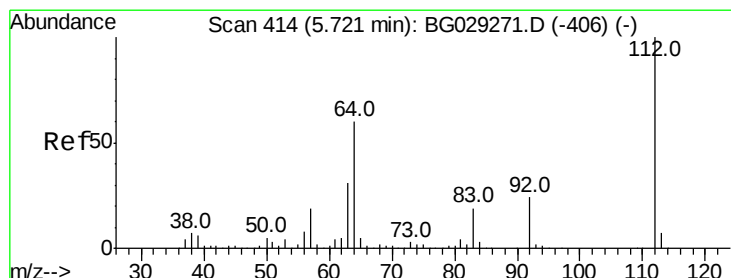
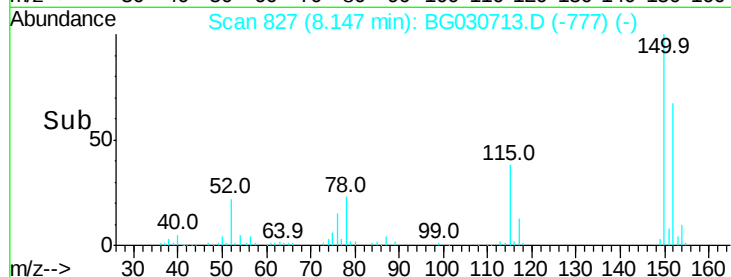
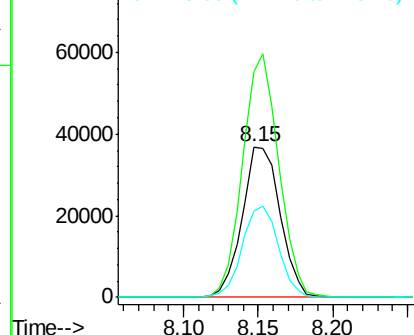
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.15 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BG030713.D
 Acq: 3 Nov 2017 23:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 64663
 Ion Ratio Lower Upper
 152 100
 150 150.2 126.6 189.8
 115 57.7 53.0 79.4

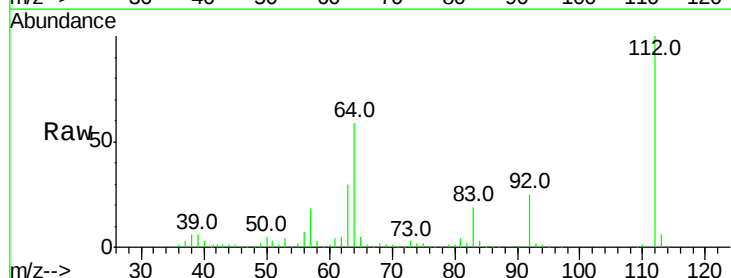


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

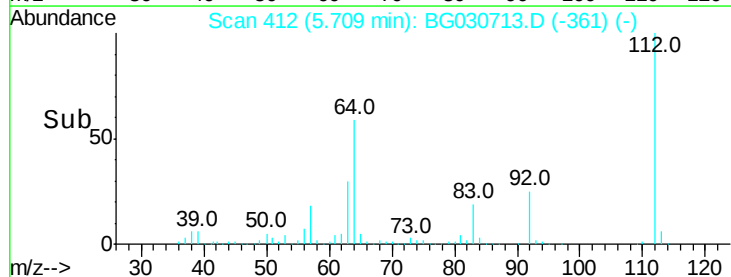
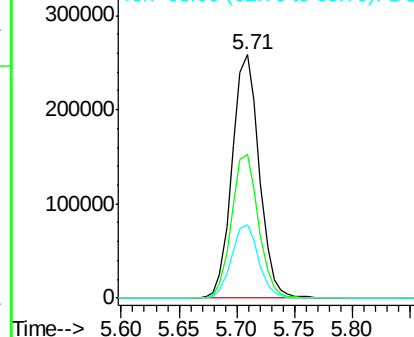


#5
 2-Fluorophenol
 Concen: 108.383 ng
 RT: 5.71 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BG030713.D
 Acq: 3 Nov 2017 23:24

Tgt Ion:112 Resp: 419523
 Ion Ratio Lower Upper
 112 100
 64 59.1 56.3 84.5
 63 30.2 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: 105.942 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030713.D

Acq: 3 Nov 2017 23:24

Instrument :

BNA_G

ClientSampleId :

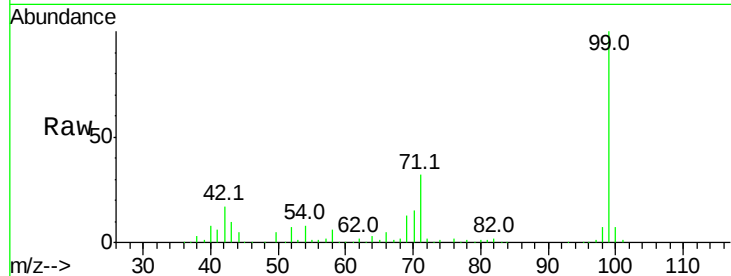
Tot Ion: 99 Resp: 575604

Ion Ratio Lower Upper

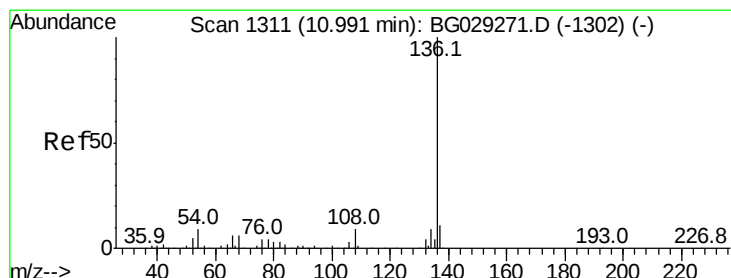
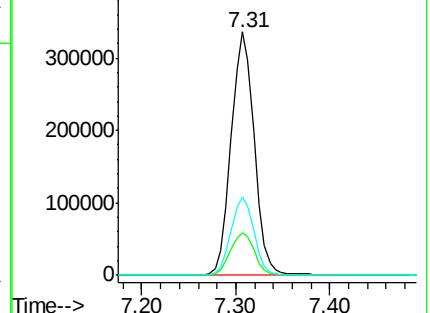
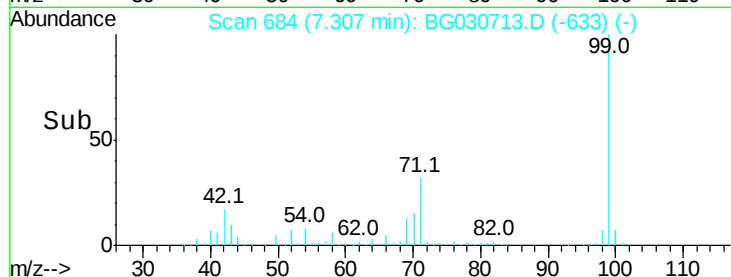
99 100

42 17.4 14.1 21.1

71 32.1 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: 10.97 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BG030713.D

Acq: 3 Nov 2017 23:24

Tgt Ion: 136 Resp: 298770

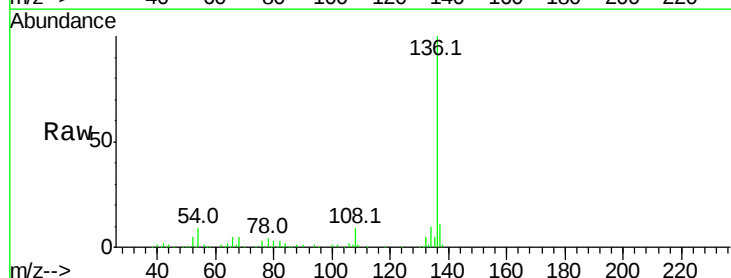
Ion Ratio Lower Upper

136 100

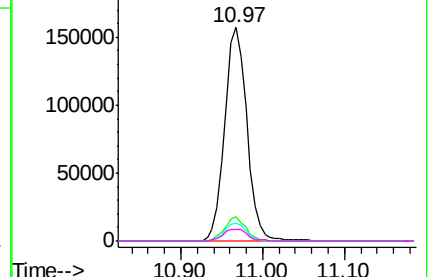
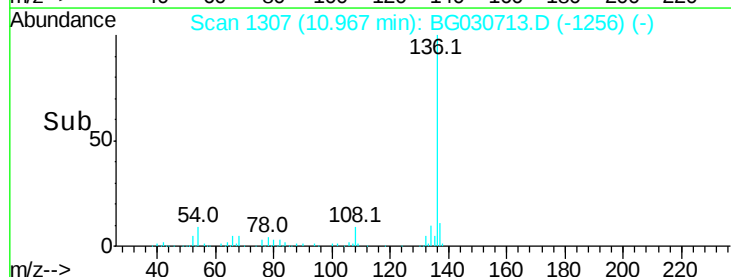
137 11.4 9.2 13.8

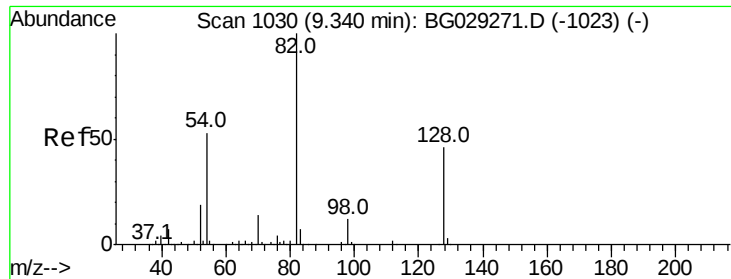
54 8.5 10.3 15.5#

68 5.5 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

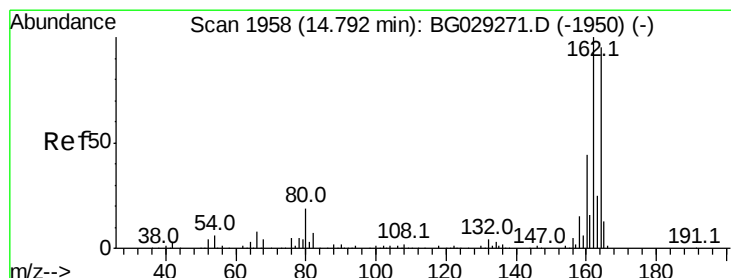
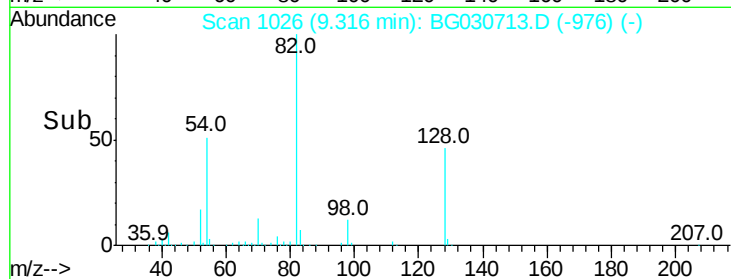
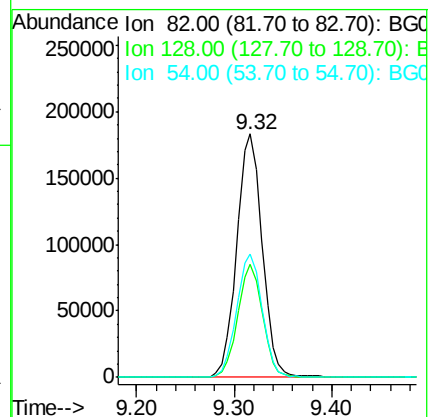
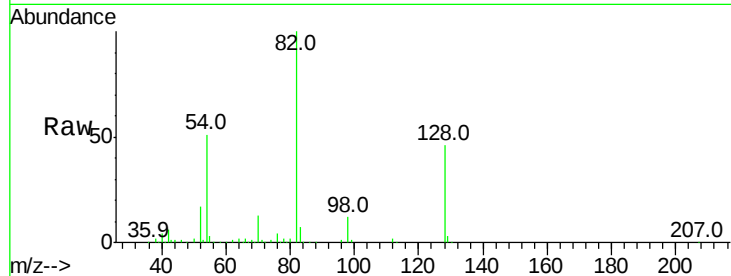




#23
 Nitrobenzene-d5
 Concen: 70.511 ng
 RT: 9.32 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG030713.D
 Acq: 3 Nov 2017 23:24

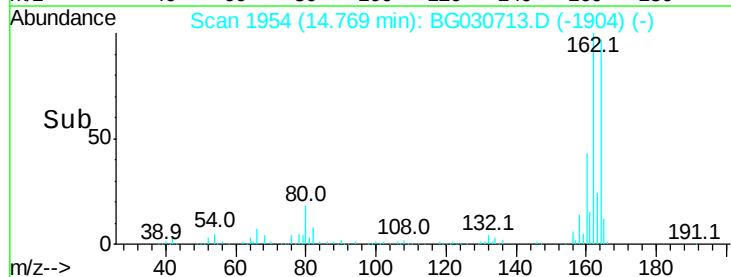
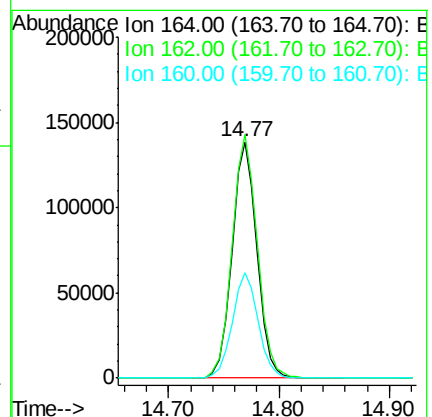
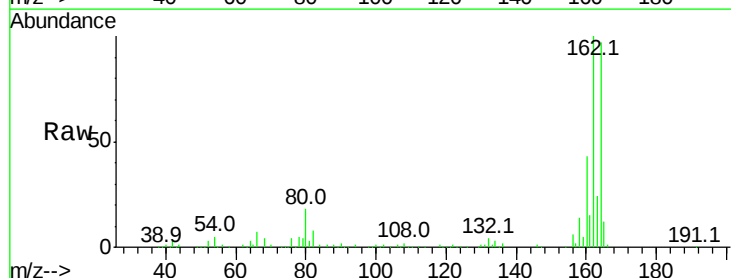
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 331512
 Ion Ratio Lower Upper
 82 100
 128 46.4 29.7 44.5#
 54 50.9 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BG030713.D
 Acq: 3 Nov 2017 23:24

Tgt Ion: 164 Resp: 217638
 Ion Ratio Lower Upper
 164 100
 162 103.1 78.8 118.2
 160 44.7 35.4 53.0

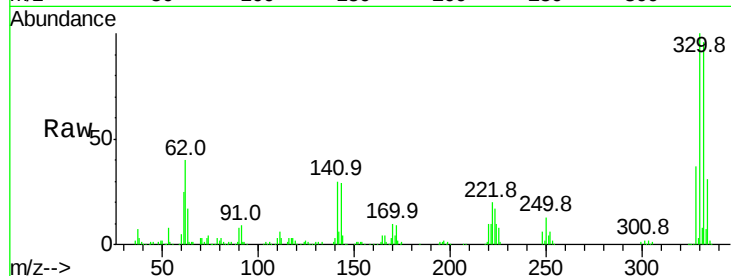




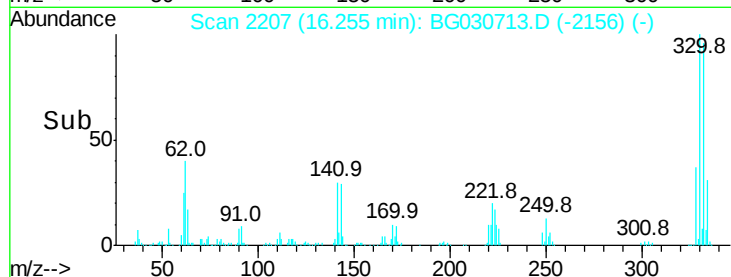
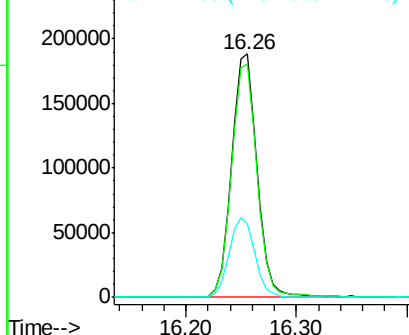
#41
 2,4,6-Tribromophenol
 Concen: 108.742 ng
 RT: 16.26 min Scan# 2207
 Delta R.T. 0.00 min
 Lab File: BG030713.D
 Acq: 3 Nov 2017 23:24

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	33.4	25.2	37.8

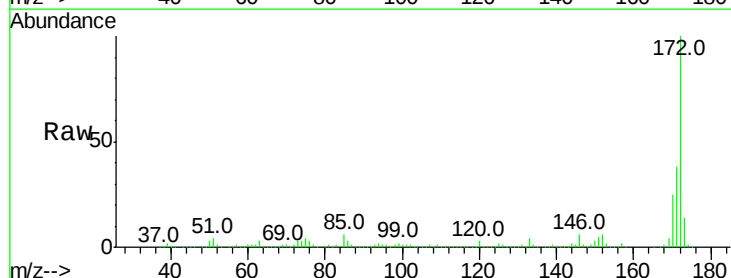


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

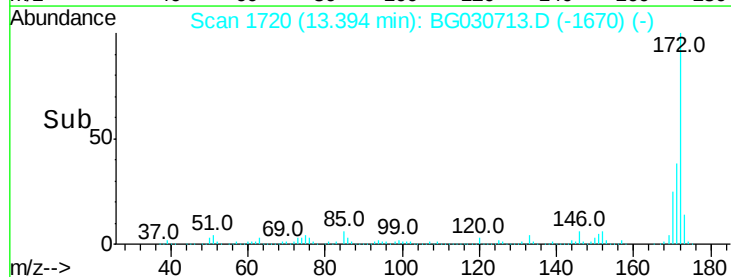
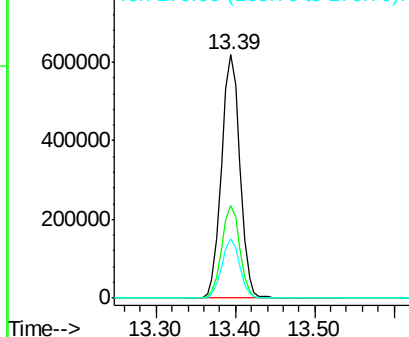


#44
 2-Fluorobiphenyl
 Concen: 67.068 ng
 RT: 13.39 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG030713.D
 Acq: 3 Nov 2017 23:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	24.6	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

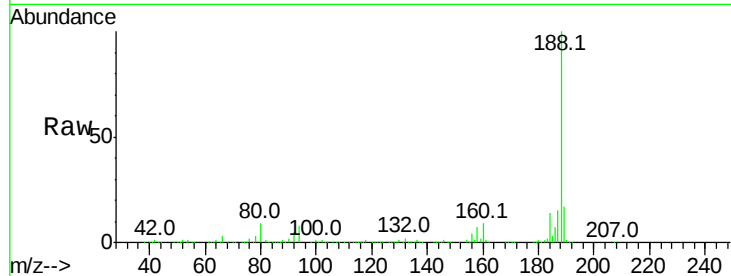




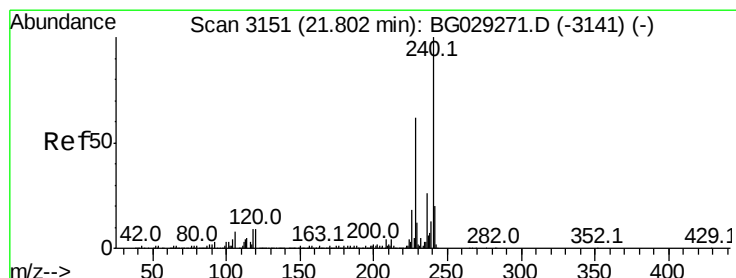
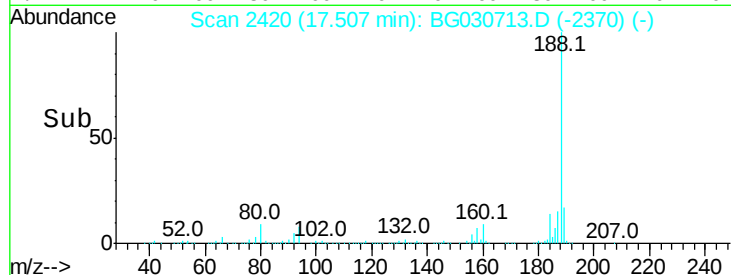
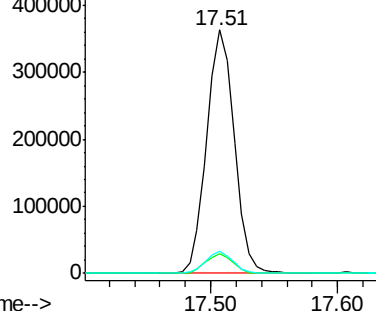
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2420
 Delta R.T. -0.01 min
 Lab File: BG030713.D
 Acq: 3 Nov 2017 23:24

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:188 Resp: 547108
 Ion Ratio Lower Upper
 188 100
 94 8.0 6.9 10.3
 80 9.2 7.7 11.5

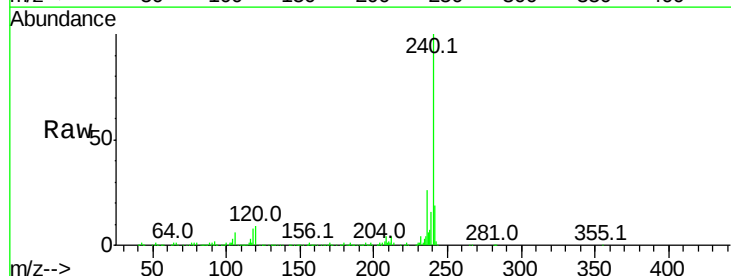


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

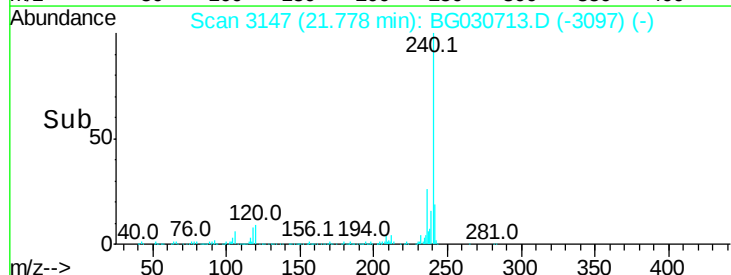
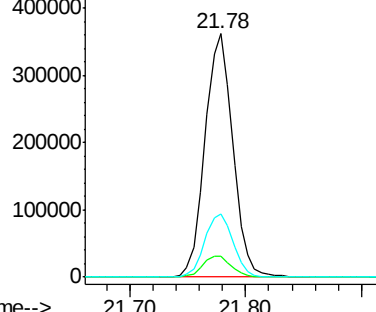


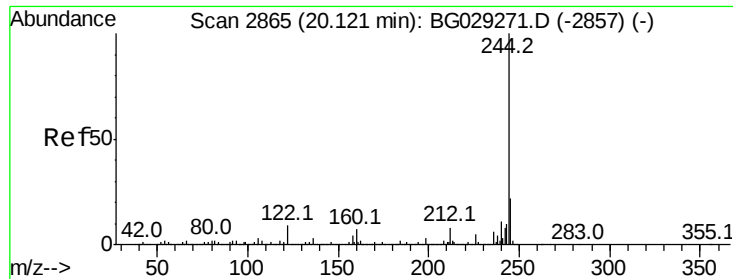
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.78 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BG030713.D
 Acq: 3 Nov 2017 23:24

Tgt Ion:240 Resp: 604842
 Ion Ratio Lower Upper
 240 100
 120 8.7 6.8 10.2
 236 26.1 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: 63.429 ng

RT: 20.10 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BG030713.D

Acq: 3 Nov 2017 23:24

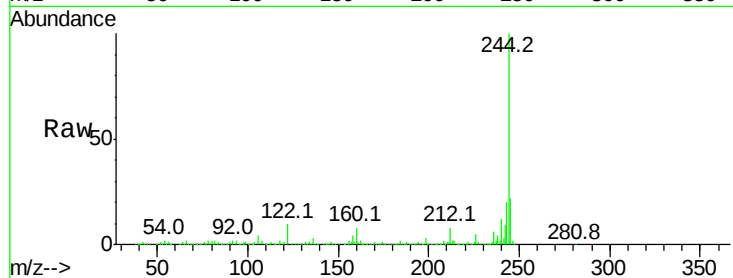
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1686403

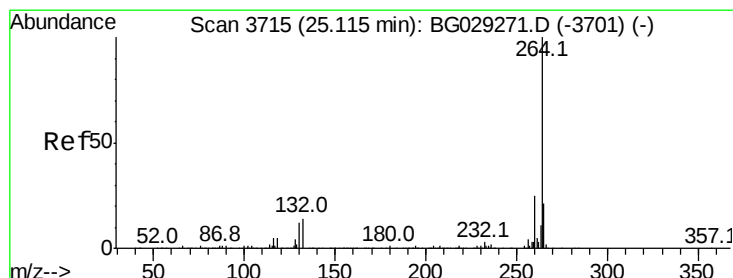
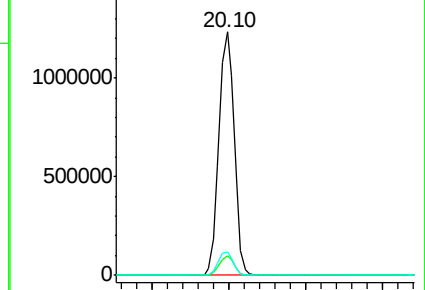
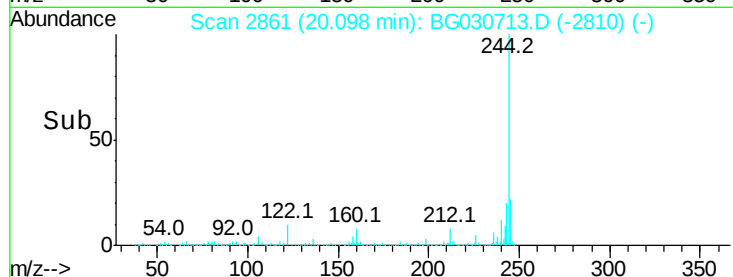
Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	9.8	7.0	10.4



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# 3708

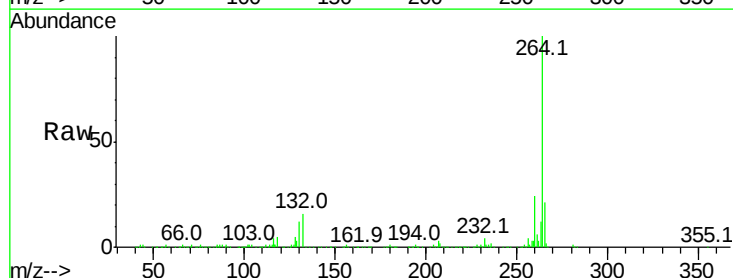
Delta R.T. -0.02 min

Lab File: BG030713.D

Acq: 3 Nov 2017 23:24

Tgt Ion:264 Resp: 610821

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	21.5	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

