

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030963.D
 Acq On : 12 Nov 2017 3:44
 Operator : SJ/JU
 Sample : I6301-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 13 03:26:43 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	8.14	152	36570	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	154497	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	111122	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	308738	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	398501	20.00	ng	-0.01
86) Perylene-d12	25.07	264	395678	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	307427	144.15	ng	0.00
7) Phenol-d6	7.31	99	362463	126.15	ng	0.00
23) Nitrobenzene-d5	9.31	82	267883	102.74	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	309080	171.94	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	801944	103.70	ng	-0.02
78) Terphenyl-d14	20.09	244	1754627	97.22	ng	0.00

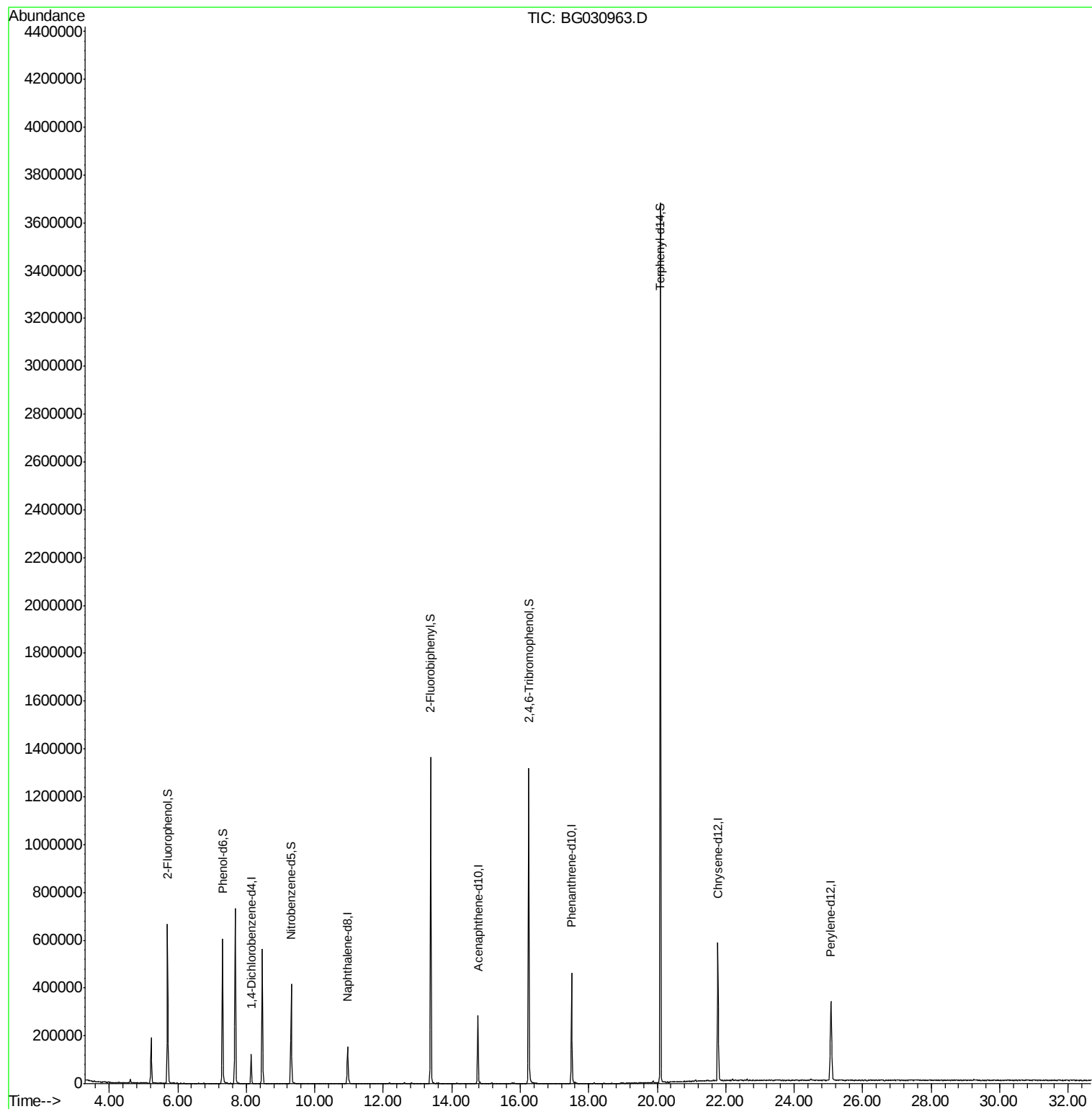
Target Compounds Qvalue

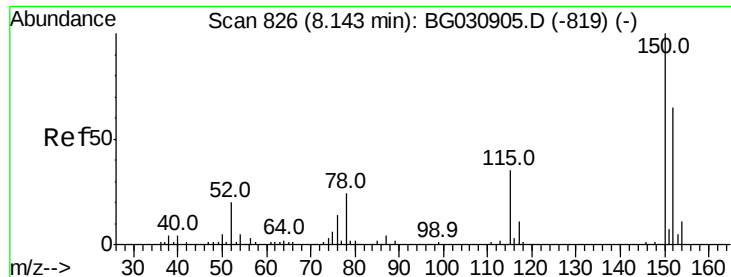
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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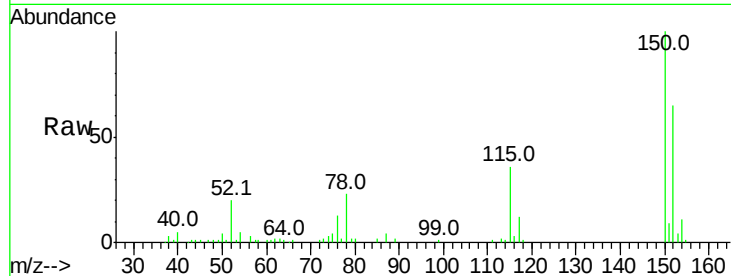


#1

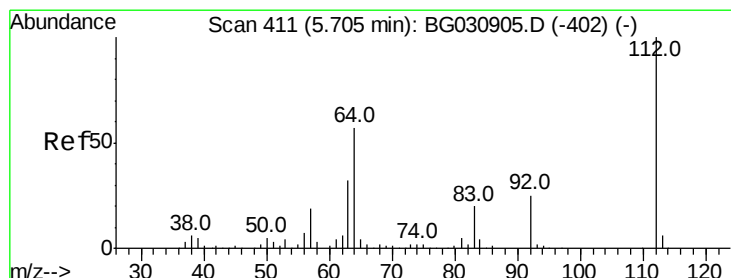
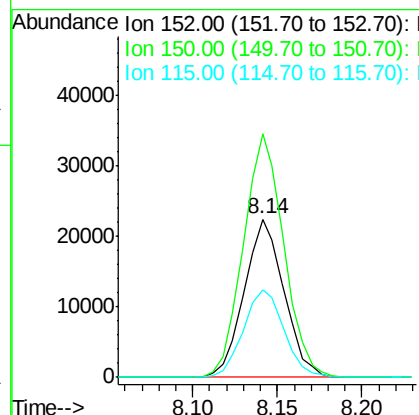
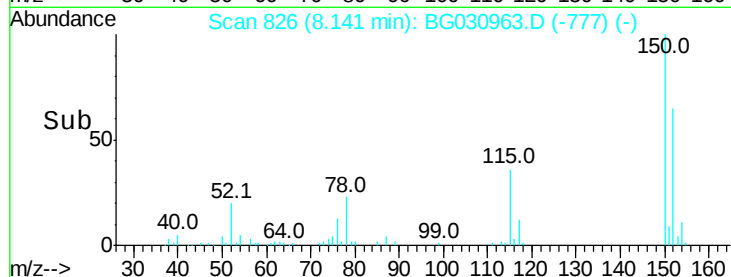
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030963.D
Acq: 12 Nov 2017 3:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 36570
Ion Ratio Lower Upper
152 100
150 153.9 126.6 189.8
115 55.1 53.0 79.4



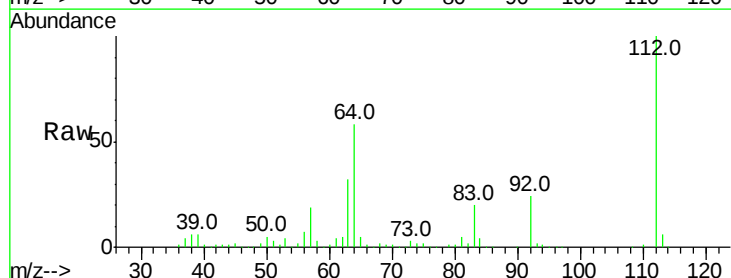
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



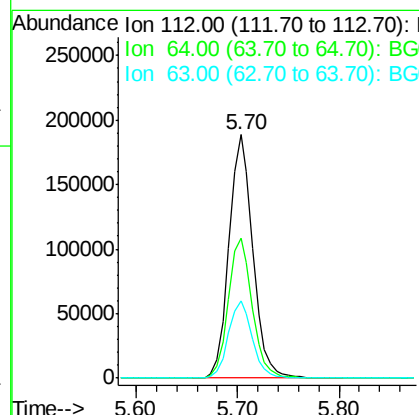
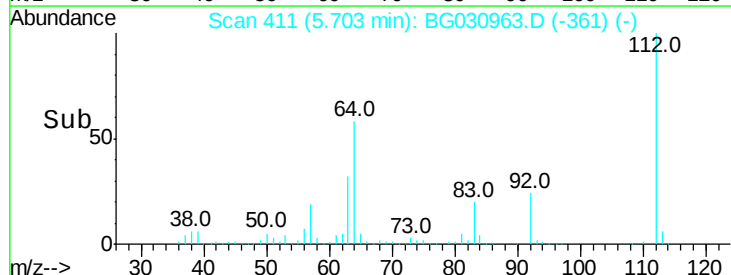
#5

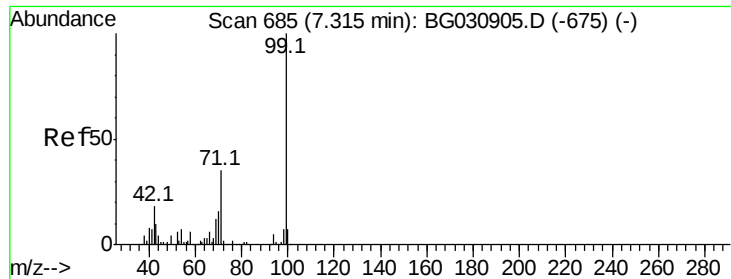
2-Fluorophenol
Concen: 144.152 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.01 min
Lab File: BG030963.D
Acq: 12 Nov 2017 3:44

Tgt Ion:112 Resp: 307427
Ion Ratio Lower Upper
112 100
64 57.5 56.3 84.5
63 31.9 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 126.155 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030963.D

Acq: 12 Nov 2017 3:44

Instrument :

BNA_G

ClientSampled :

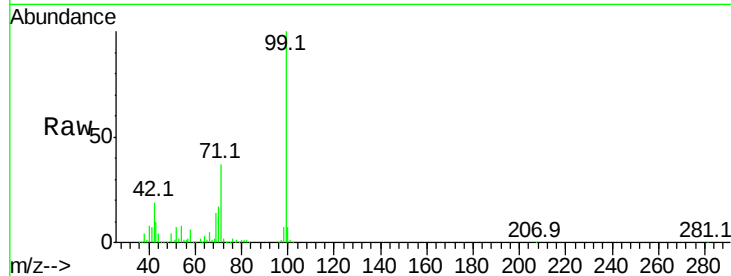
Tot Ion: 99 Resp: 362463

Ion Ratio Lower Upper

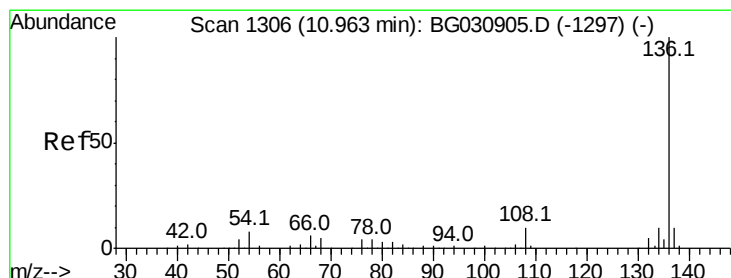
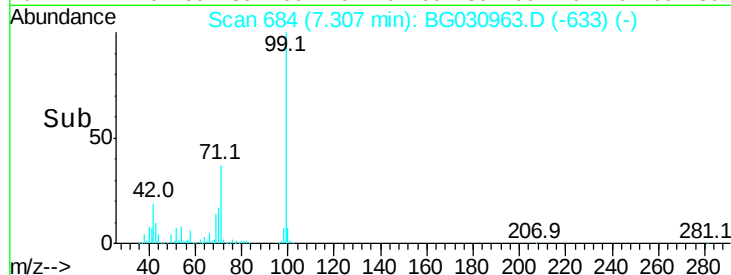
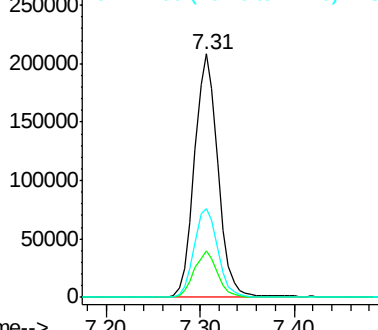
99 100

42 19.3 14.1 21.1

71 36.6 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: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG030963.D

Acq: 12 Nov 2017 3:44

Tgt Ion: 136 Resp: 154497

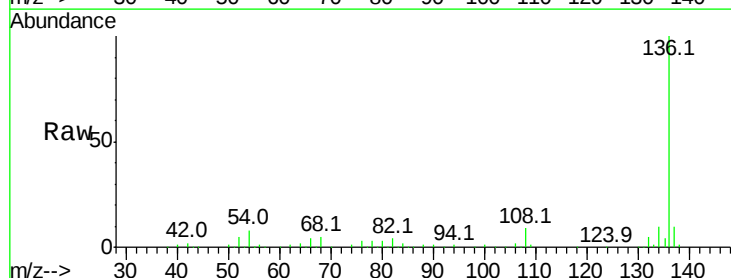
Ion Ratio Lower Upper

136 100

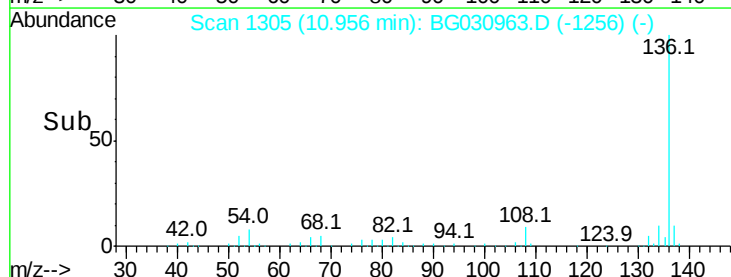
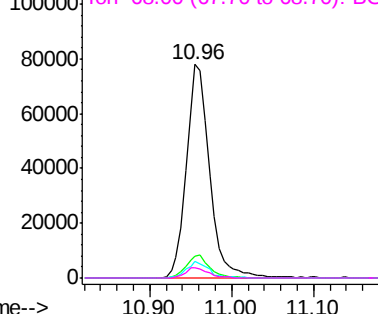
137 10.1 9.2 13.8

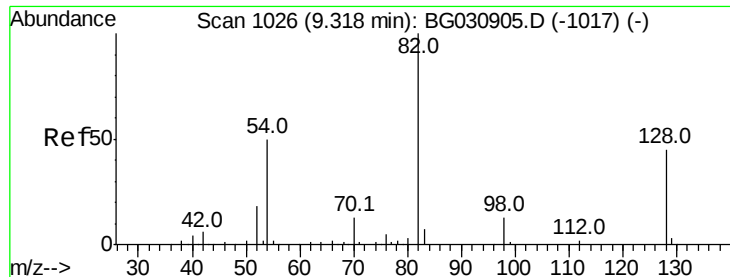
54 7.6 10.3 15.5#

68 4.9 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

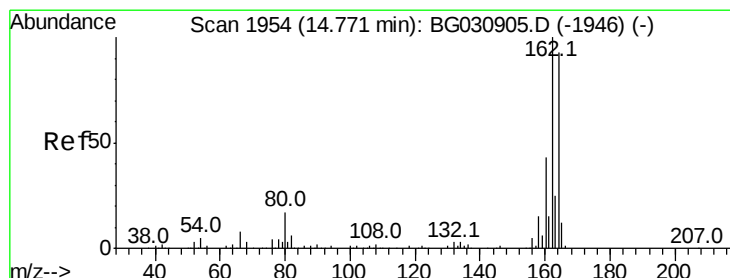
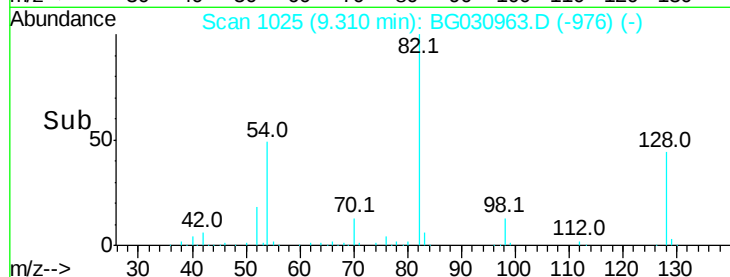
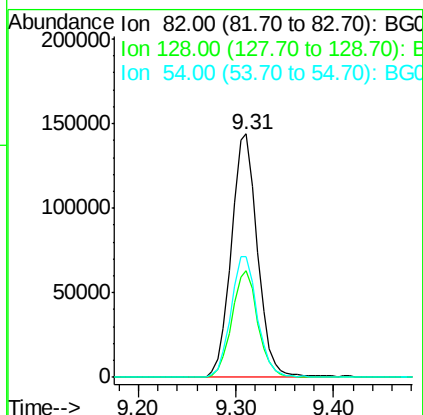
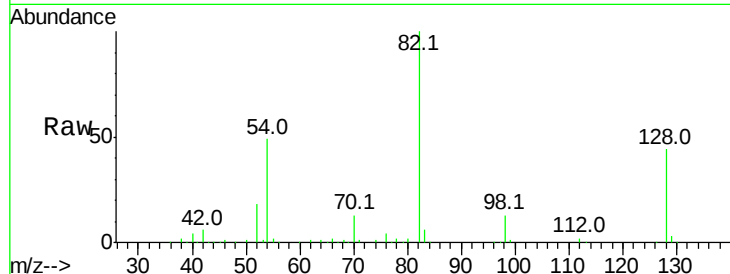




#23
Nitrobenzene-d5
Concen: 102.745 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG030963.D
Acq: 12 Nov 2017 3:44

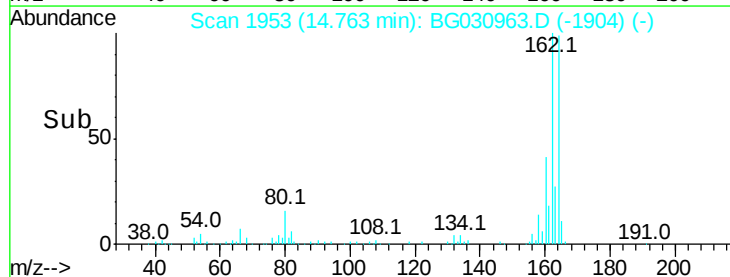
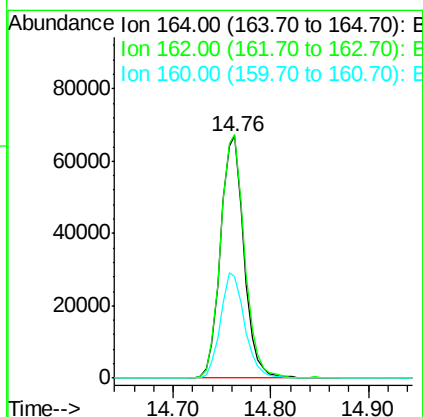
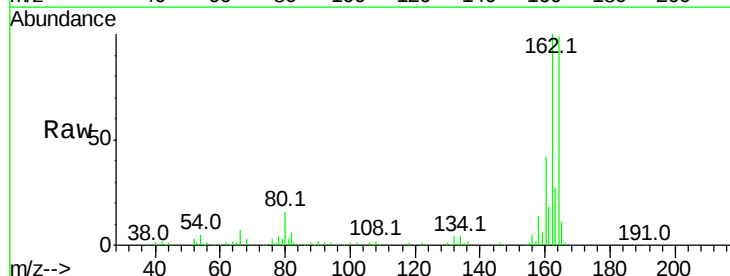
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	29.7	44.5
54	49.4	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG030963.D
Acq: 12 Nov 2017 3:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	78.8	118.2
160	41.9	35.4	53.0

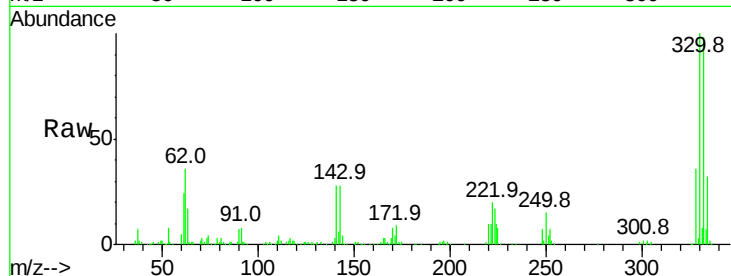




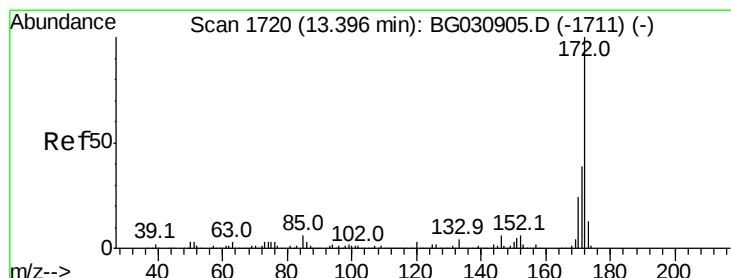
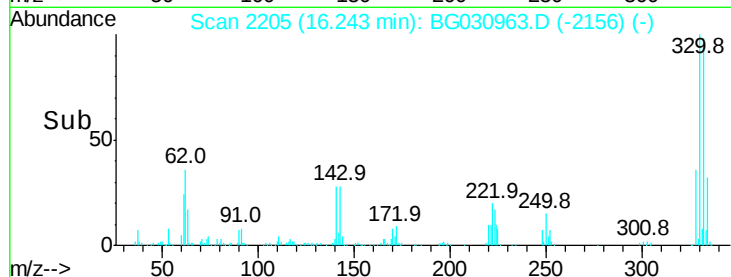
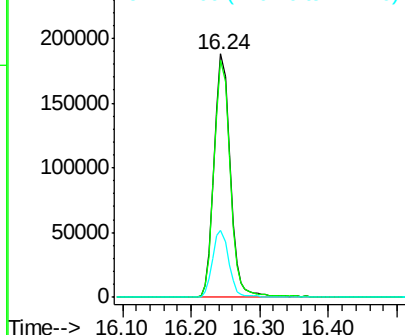
#41
 2,4,6-Tribromophenol
 Concen: 171.941 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG030963.D
 Acq: 12 Nov 2017 3:44

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	28.2	25.2	37.8

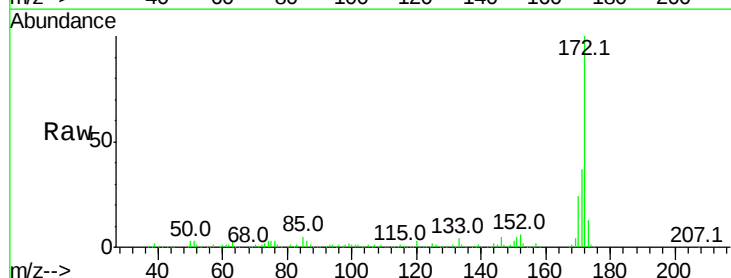


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

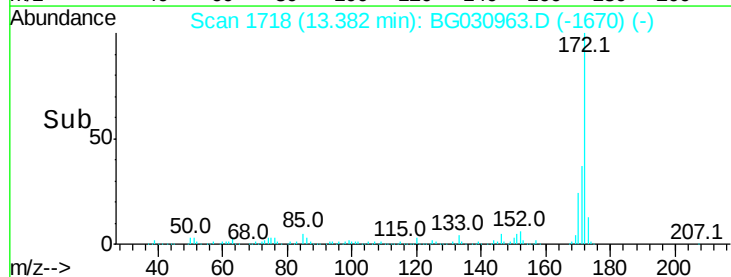
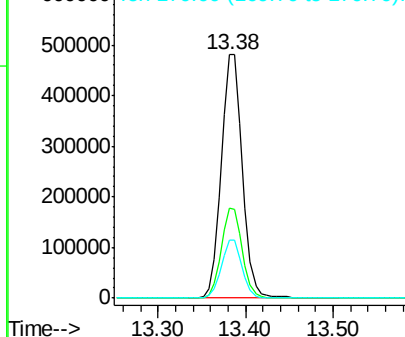


#44
 2-Fluorobiphenyl
 Concen: 103.697 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG030963.D
 Acq: 12 Nov 2017 3:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	24.0	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: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG030963.D

Acq: 12 Nov 2017 3:44

Instrument :

BNA_G

ClientSampleId :

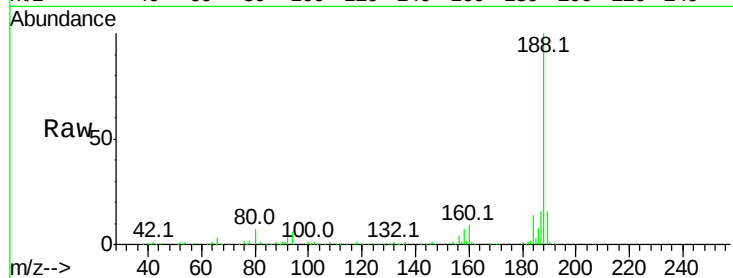
Tot Ion:188 Resp: 308738

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

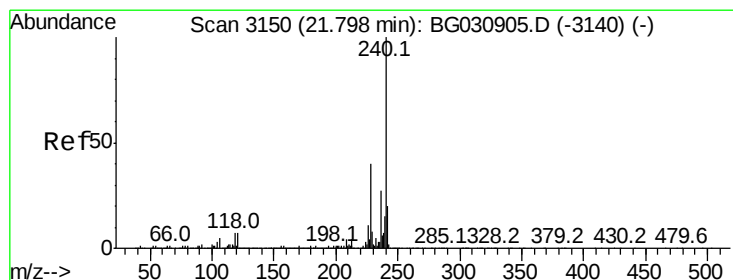
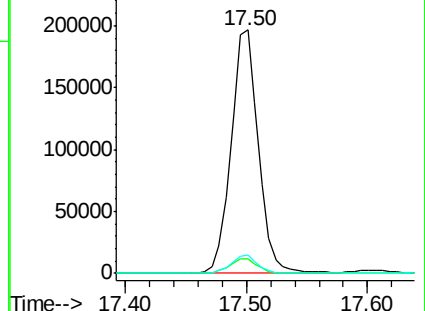
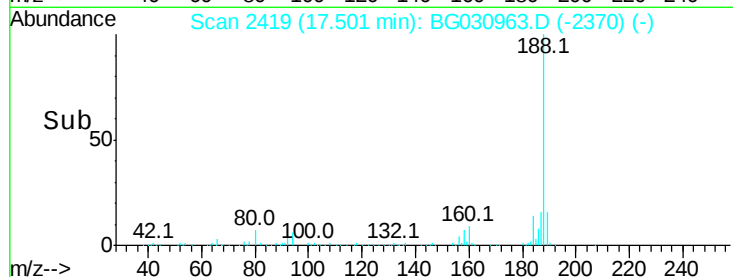
80 7.3 7.7 11.5#



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# 3146

Delta R.T. -0.01 min

Lab File: BG030963.D

Acq: 12 Nov 2017 3:44

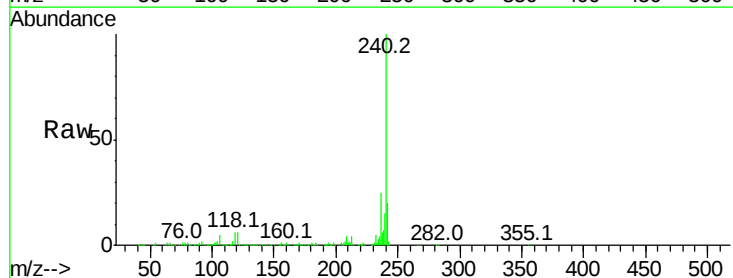
Tgt Ion:240 Resp: 398501

Ion Ratio Lower Upper

240 100

120 6.5 6.8 10.2#

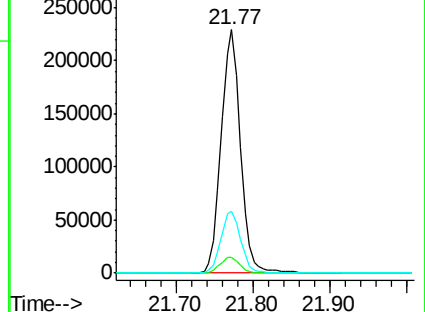
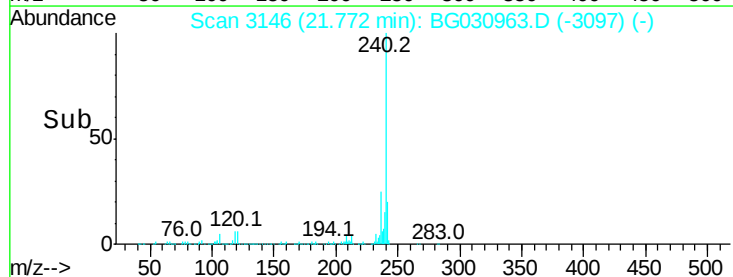
236 25.3 20.9 31.3



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



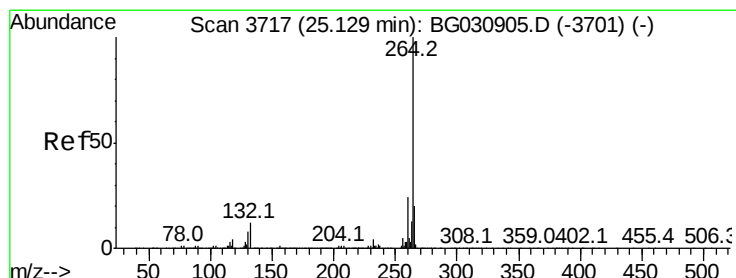
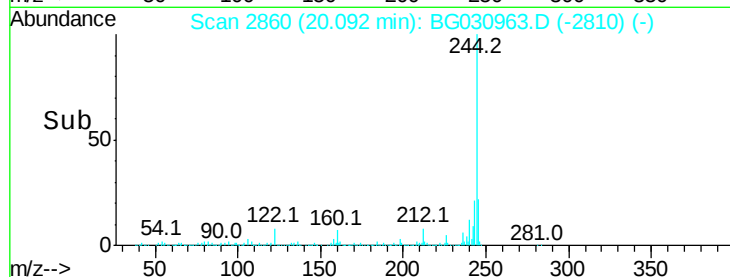
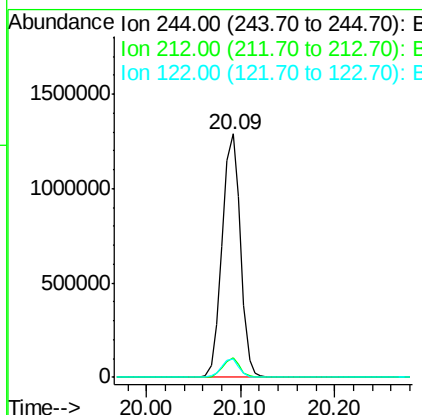
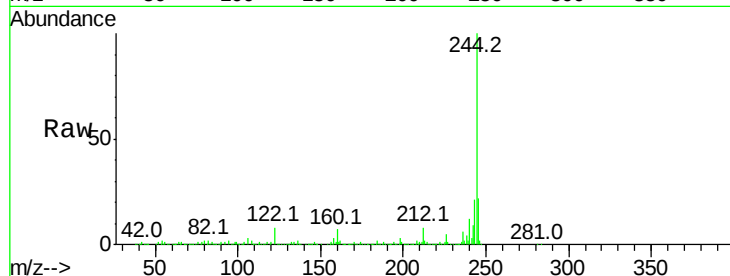


#78
 Terphenyl-d14
 Concen: 97.224 ng
 RT: 20.09 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG030963.D
 Acq: 12 Nov 2017 3:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1754627

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	7.5	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3707
 Delta R.T. -0.02 min
 Lab File: BG030963.D
 Acq: 12 Nov 2017 3:44

Tgt Ion:264 Resp: 395678

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	22.5	17.7	26.5

