

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111317\
 Data File : BG030998.D
 Acq On : 14 Nov 2017 7:13
 Operator : SJ/JU
 Sample : I6427-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 277-216-156-343-350-342

Quant Time: Nov 14 07:46:41 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	8.14	152	43425	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	165582	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	107214	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	295495	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	408961	20.00	ng	-0.01
86) Perylene-d12	25.07	264	403614	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	358488	141.56	ng	0.00
7) Phenol-d6	7.31	99	390553	114.47	ng	0.00
23) Nitrobenzene-d5	9.31	82	312763	111.93	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	355664	205.07	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	918495	123.10	ng	-0.01
78) Terphenyl-d14	20.09	244	1986720	107.27	ng	0.00

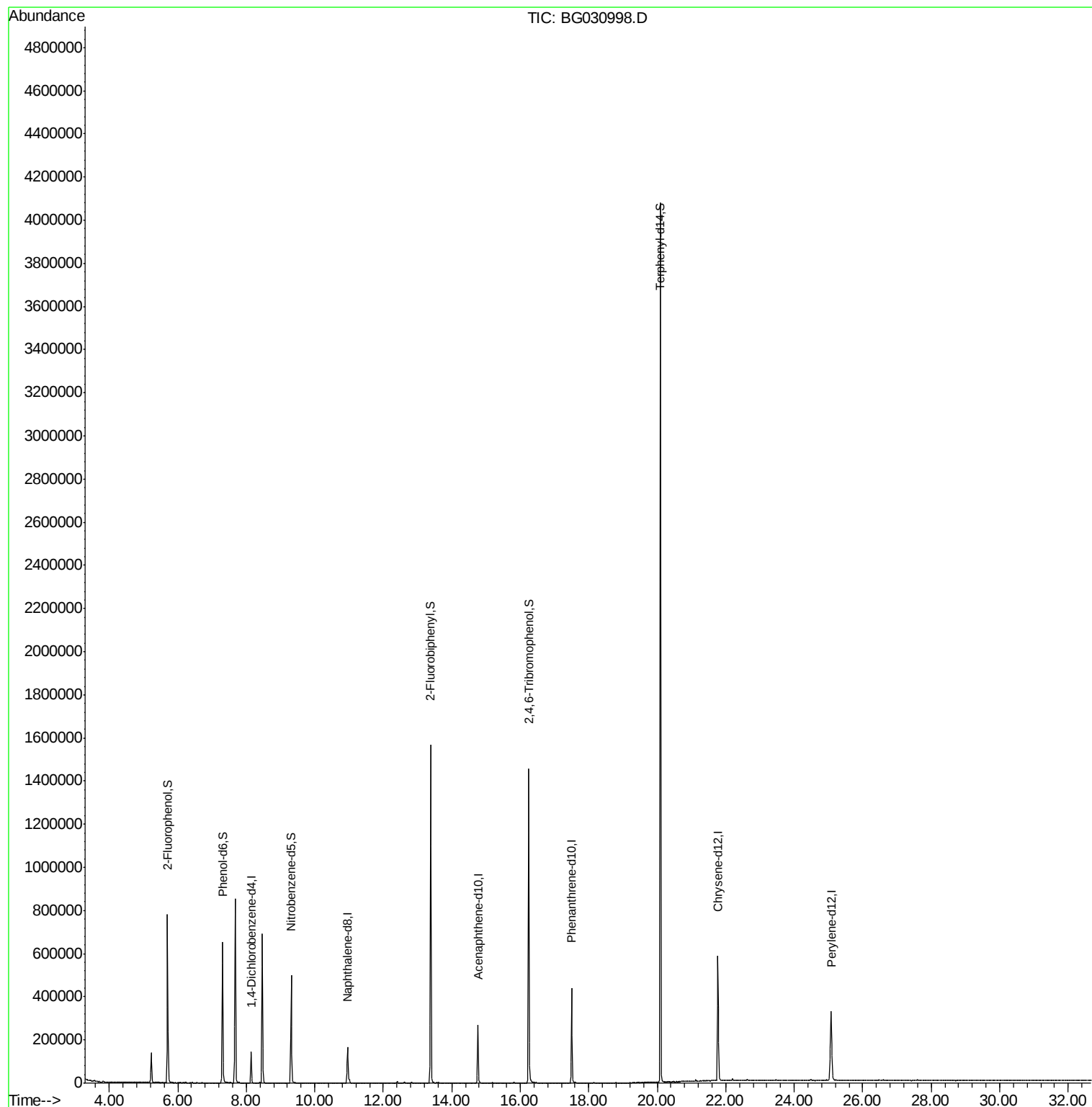
Target Compounds Qvalue

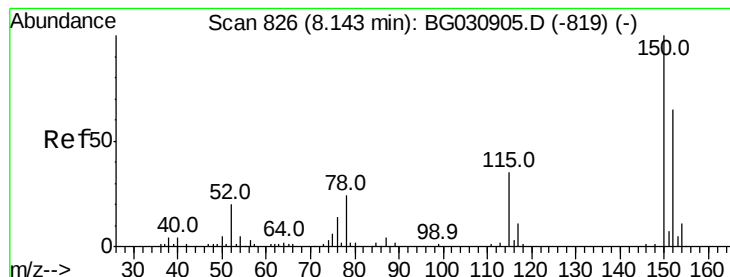
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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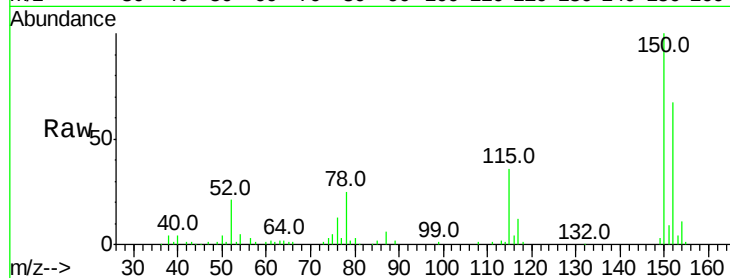


#1

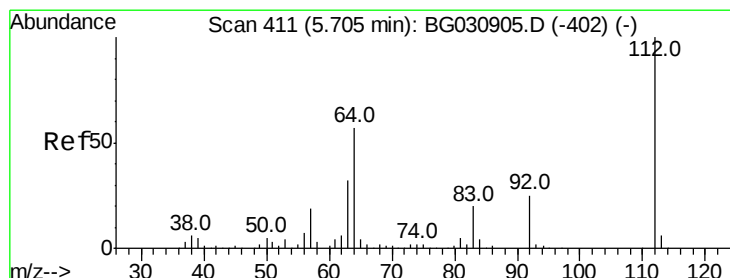
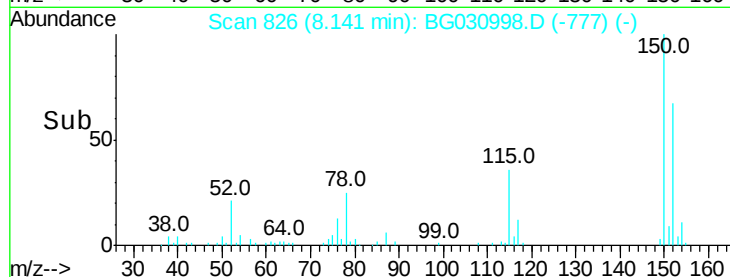
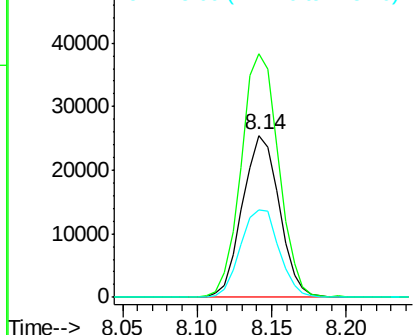
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030998.D
Acq: 14 Nov 2017 7:13

Instrument :
BNA_G
ClientSampleId :
277-216-156-343-350-342

Tot Ion:152 Resp: 43425
Ion Ratio Lower Upper
152 100
150 150.1 126.6 189.8
115 54.3 53.0 79.4



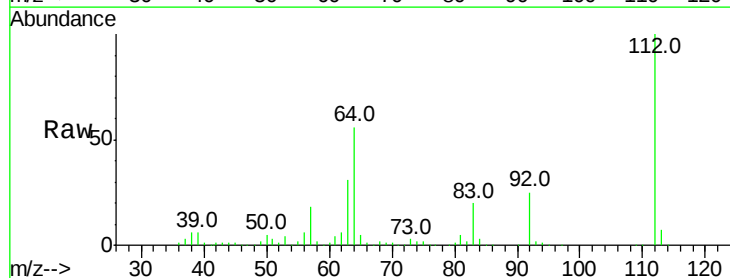
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



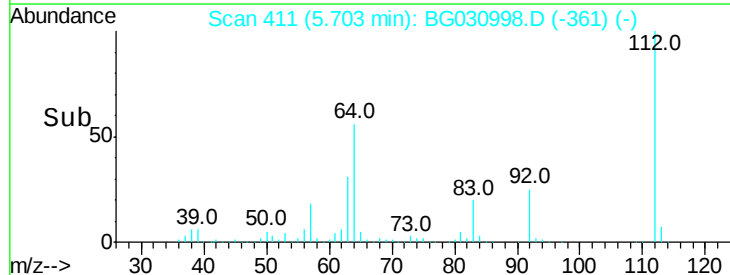
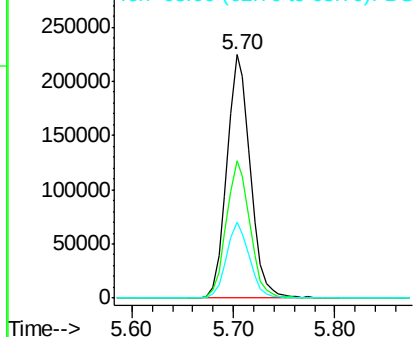
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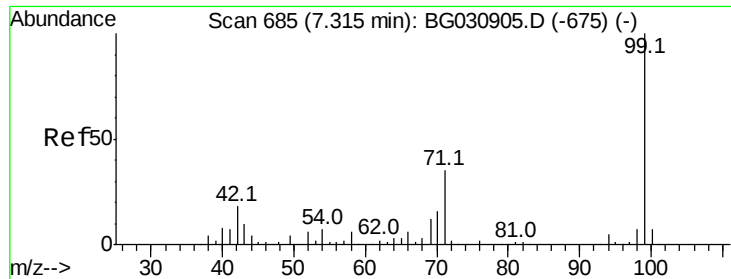
2-Fluorophenol
Concen: 141.559 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG030998.D
Acq: 14 Nov 2017 7:13

Tgt Ion:112 Resp: 358488
Ion Ratio Lower Upper
112 100
64 56.5 56.3 84.5
63 31.2 30.1 45.1



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





#7

Phenol-d6

Concen: 114.474 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030998.D

Acq: 14 Nov 2017 7:13

Instrument :

BNA_G

ClientSampleId :

277-216-156-343-350-342

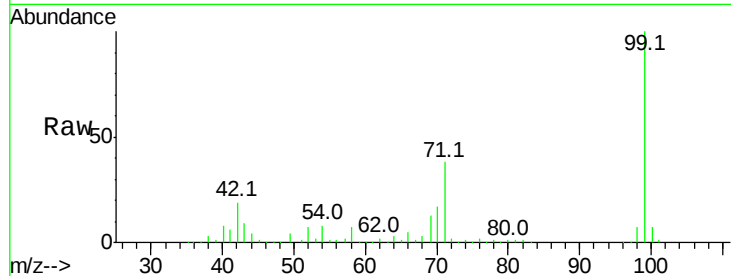
Tot Ion: 99 Resp: 390553

Ion Ratio Lower Upper

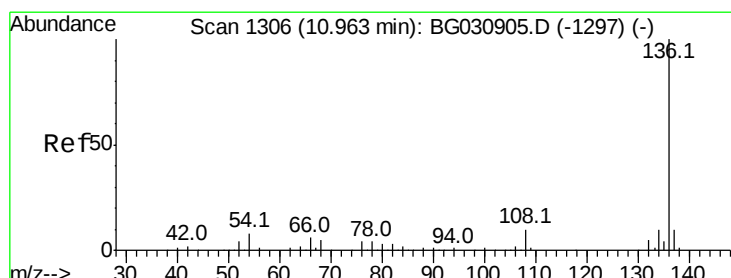
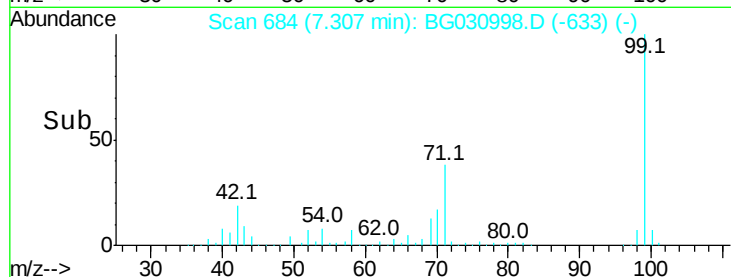
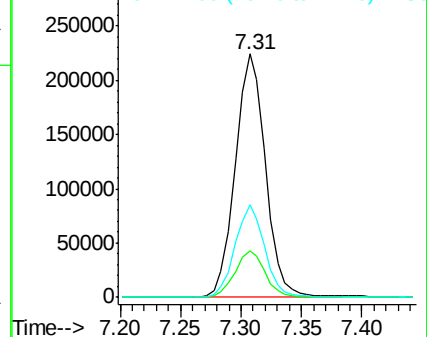
99 100

42 19.3 14.1 21.1

71 38.2 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: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG030998.D

Acq: 14 Nov 2017 7:13

Tgt Ion: 136 Resp: 165582

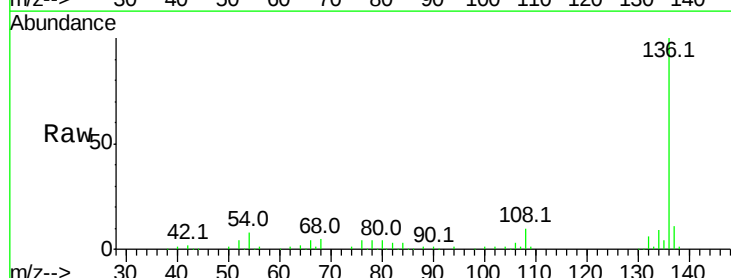
Ion Ratio Lower Upper

136 100

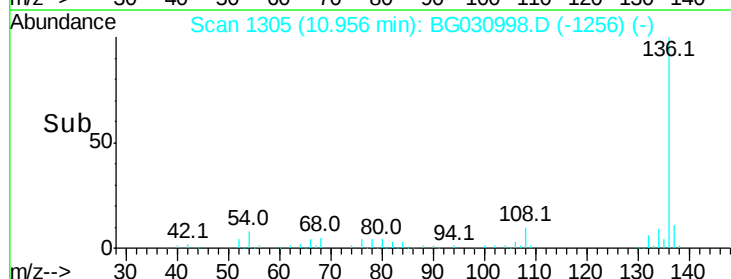
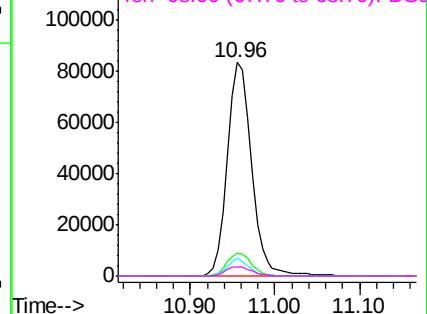
137 10.7 9.2 13.8

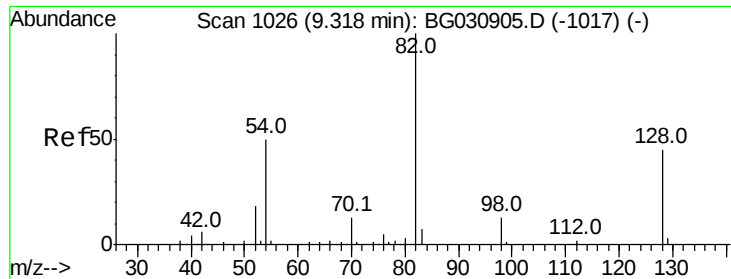
54 8.2 10.3 15.5#

68 4.5 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

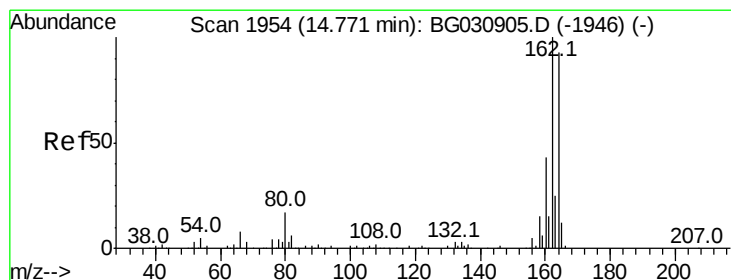
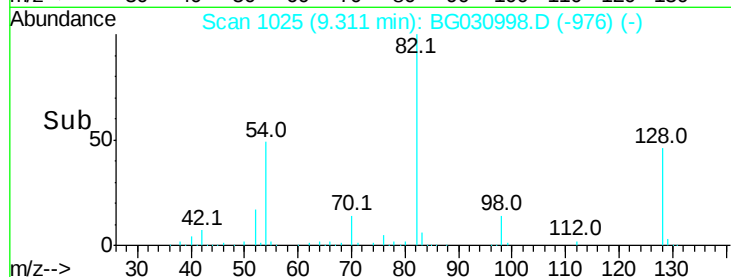
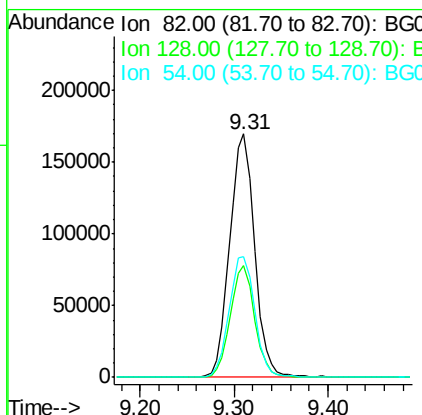
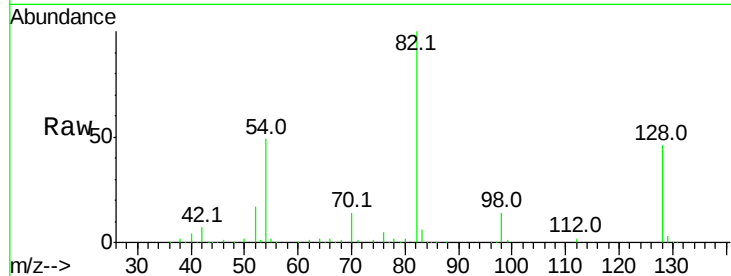




#23
Nitrobenzene-d5
Concen: 111.927 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG030998.D
Acq: 14 Nov 2017 7:13

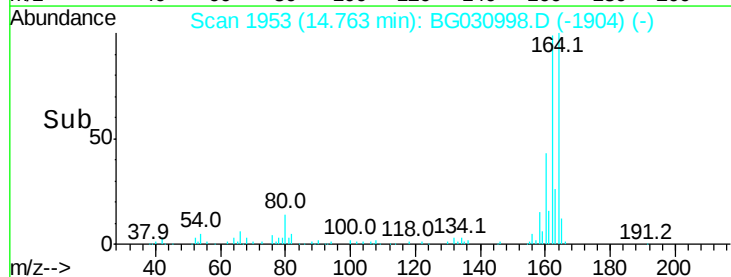
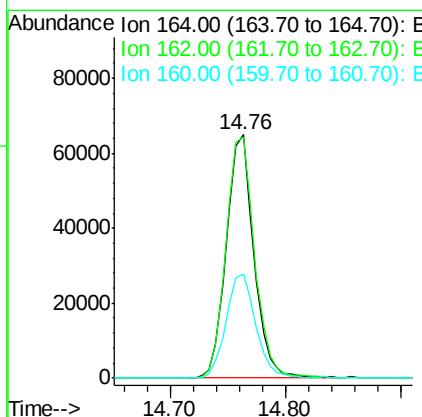
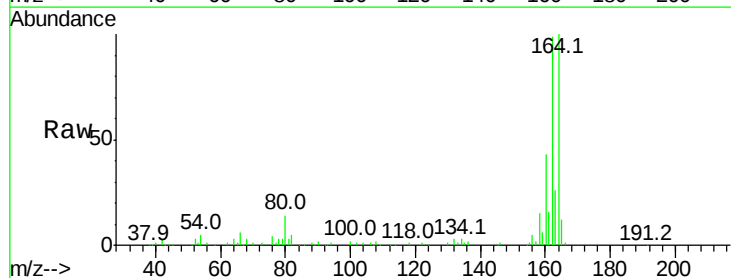
Instrument :
BNA_G
ClientSampleId :
277-216-156-343-350-342

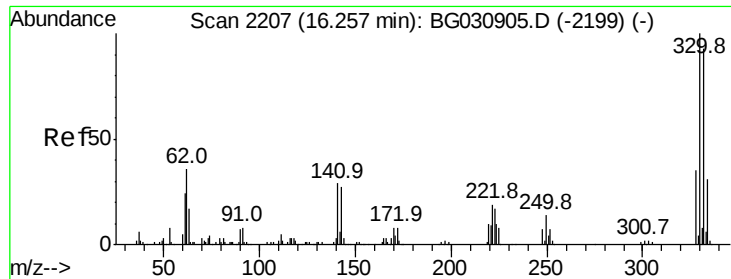
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	29.7	44.5#
54	49.4	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG030998.D
Acq: 14 Nov 2017 7:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.2	78.8	118.2
160	42.9	35.4	53.0

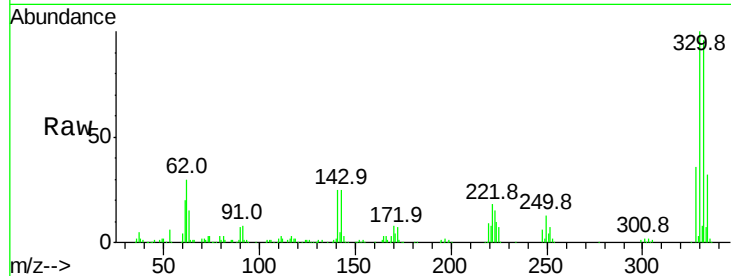




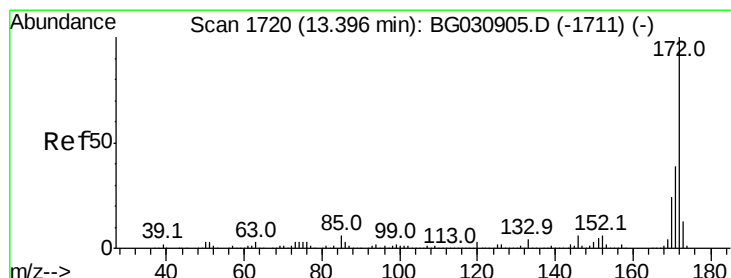
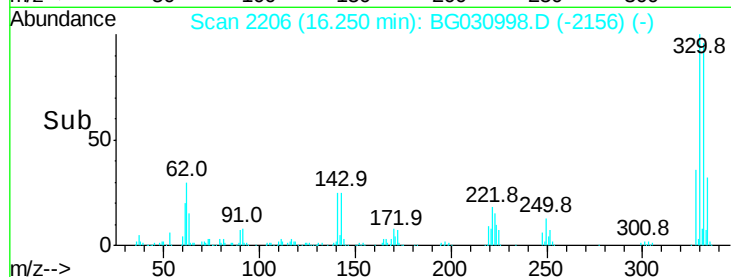
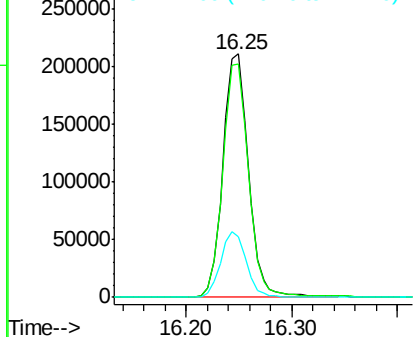
#41
 2,4,6-Tribromophenol
 Concen: 205.068 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG030998.D
 Acq: 14 Nov 2017 7:13

Instrument :
 BNA_G
 ClientSampleId :
 277-216-156-343-350-342

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	27.2	25.2	37.8

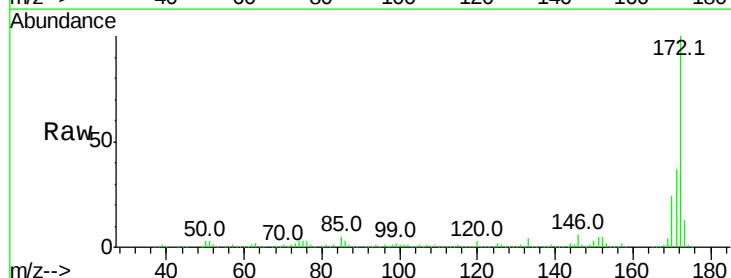


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

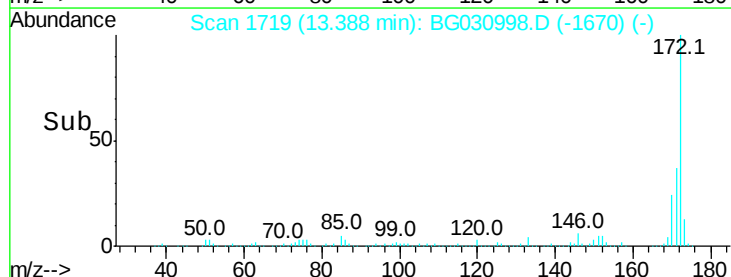
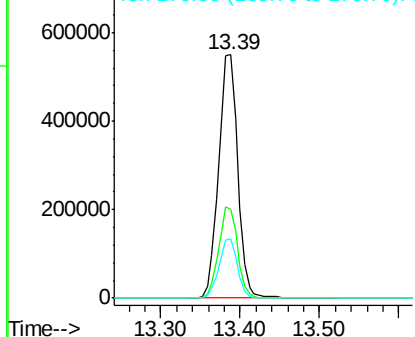


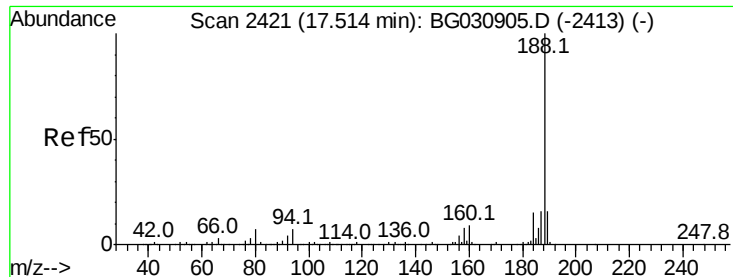
#44
 2-Fluorobiphenyl
 Concen: 123.097 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG030998.D
 Acq: 14 Nov 2017 7:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	24.1	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: BG030998.D

Acq: 14 Nov 2017 7:13

Instrument :

BNA_G

ClientSampleId :

277-216-156-343-350-342

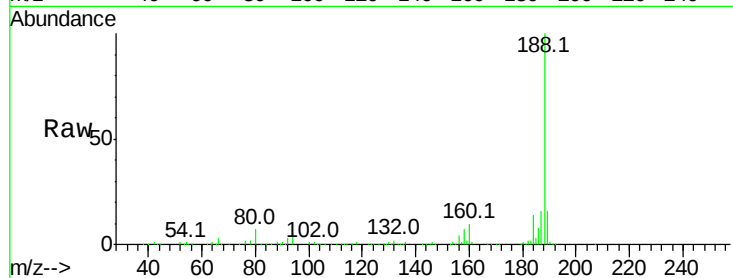
Tot Ion:188 Resp: 295495

Ion Ratio Lower Upper

188 100

94 5.5 6.9 10.3#

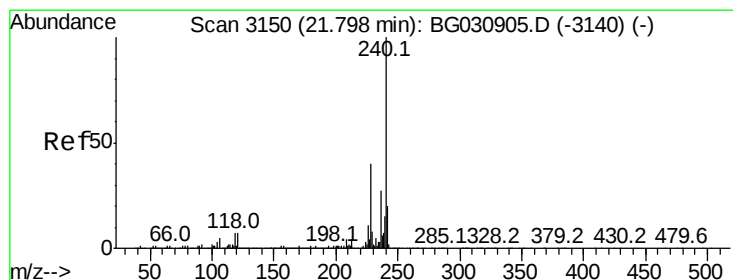
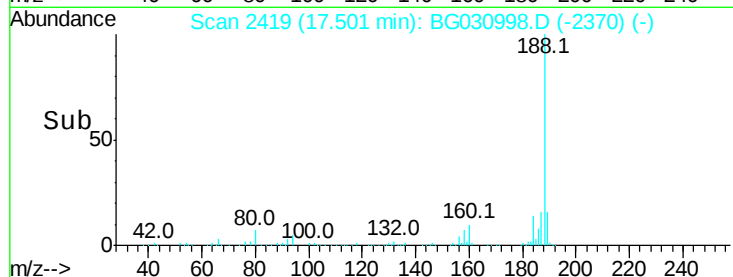
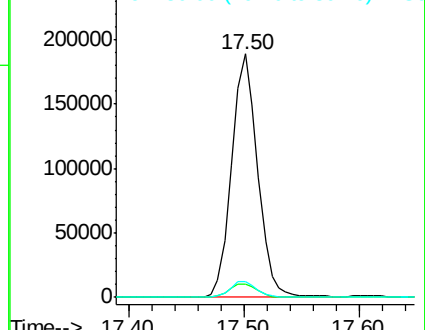
80 6.7 7.7 11.5#



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: BG030998.D

Acq: 14 Nov 2017 7:13

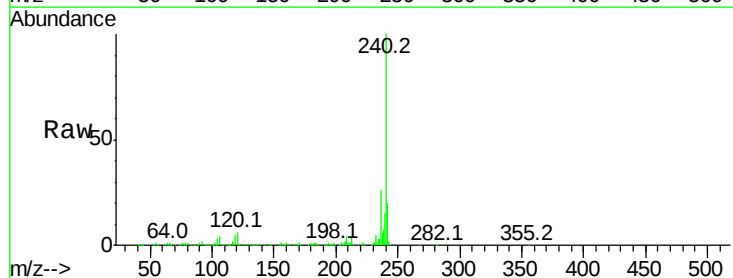
Tgt Ion:240 Resp: 408961

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

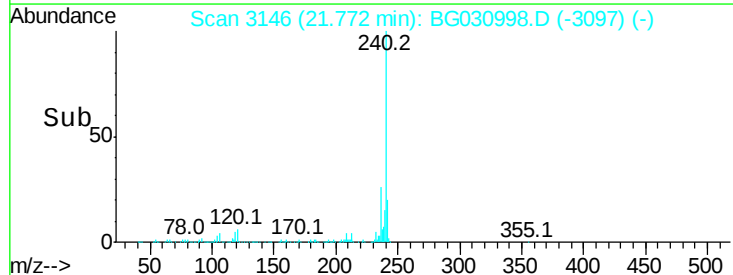
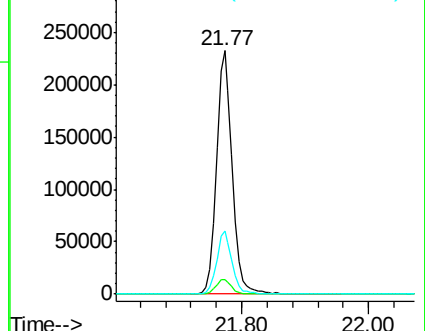
236 26.0 20.9 31.3



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: 107.268 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG030998.D

Acq: 14 Nov 2017 7:13

Instrument :

BNA_G

ClientSampleId :

277-216-156-343-350-342

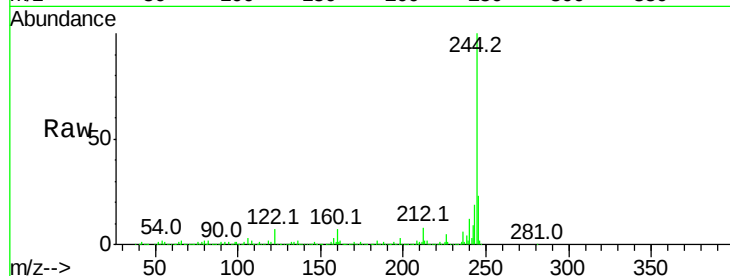
Tot Ion:244 Resp: 1986720

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	7.3	7.0	10.4

244 100

212 7.9 5.8 8.8

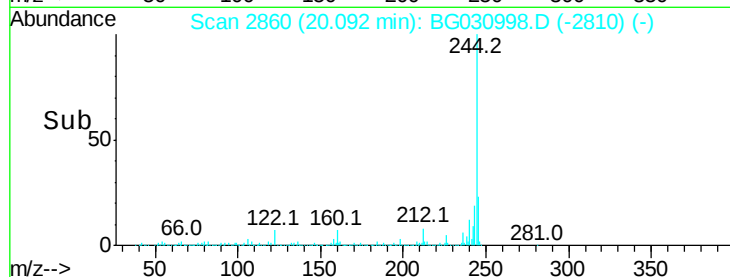
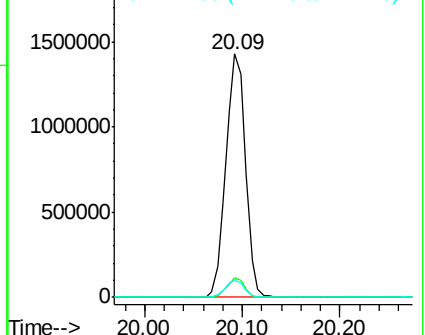
122 7.3 7.0 10.4



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: BG030998.D

Acq: 14 Nov 2017 7:13

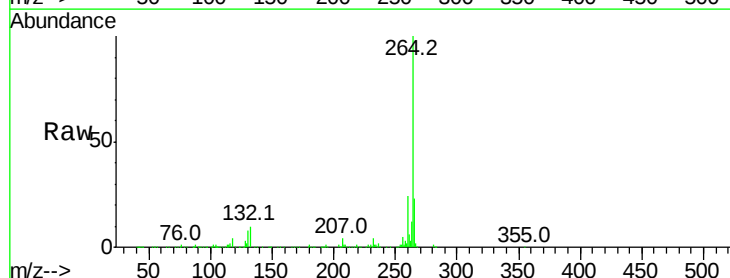
Tgt Ion:264 Resp: 403614

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	22.6	17.7	26.5

264 100

260 23.8 17.4 26.0

265 22.6 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

