

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111517\
 Data File : BG031022.D
 Acq On : 15 Nov 2017 19:19
 Operator : SJ/JU
 Sample : I6305-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 16 07:44:50 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	31583	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	119203	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	87213	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	266089	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	401784	20.00	ng	-0.02
86) Perylene-d12	25.07	264	401154	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	206253	111.98	ng	0.00
7) Phenol-d6	7.31	99	226164	91.15	ng	0.00
23) Nitrobenzene-d5	9.30	82	180084	89.52	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	259658	184.05	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	591870	97.51	ng	-0.02
78) Terphenyl-d14	20.09	244	1612430	88.61	ng	-0.01

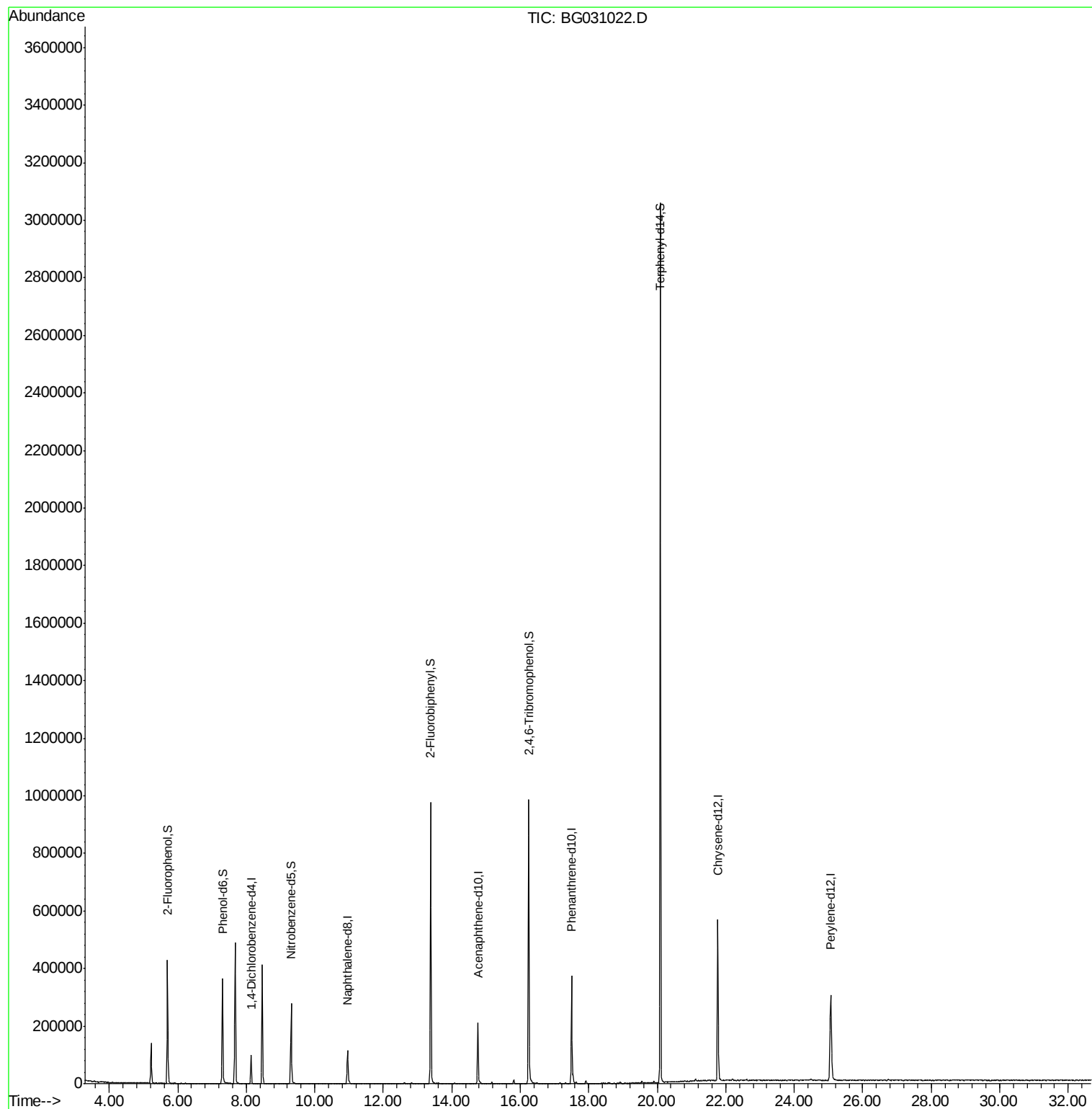
Target Compounds Qvalue

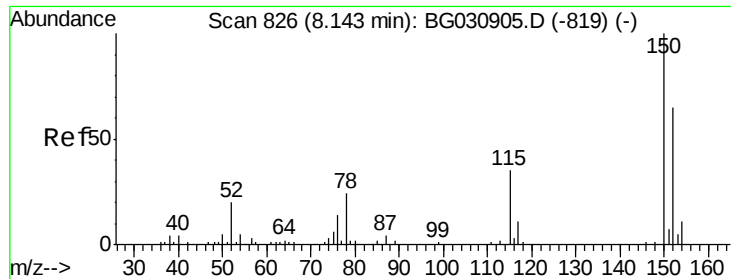
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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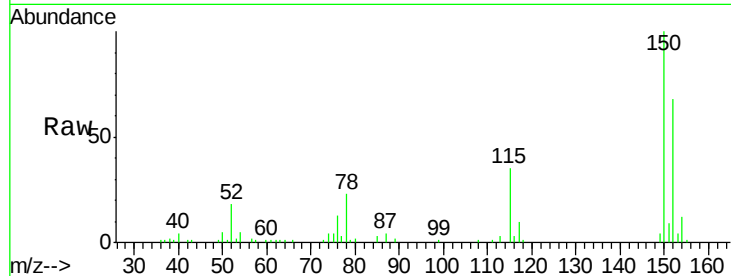


#1

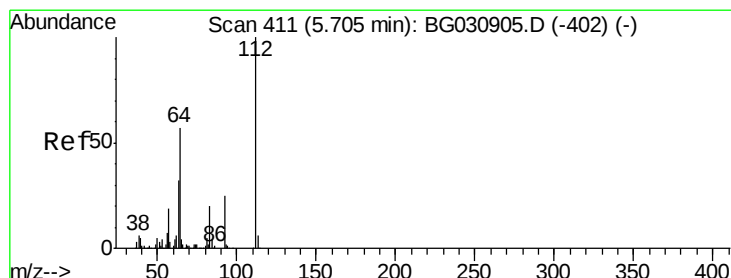
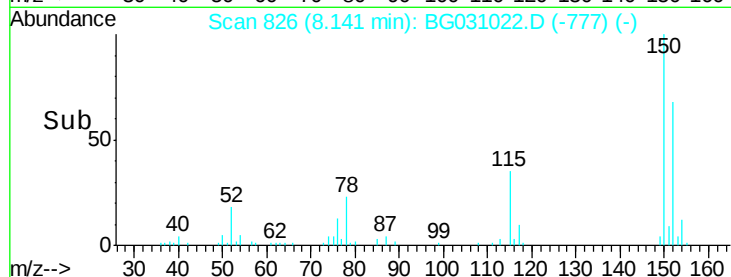
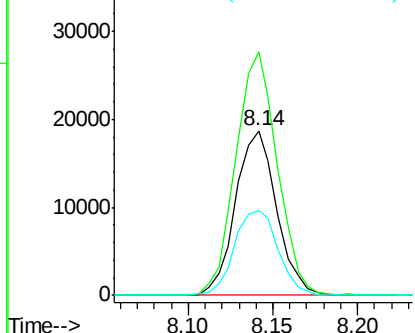
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG031022.D
Acq: 15 Nov 2017 19:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 31583
Ion Ratio Lower Upper
152 100
150 148.0 126.6 189.8
115 51.3 53.0 79.4#



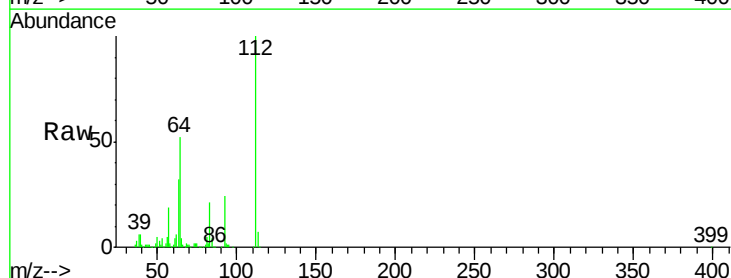
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



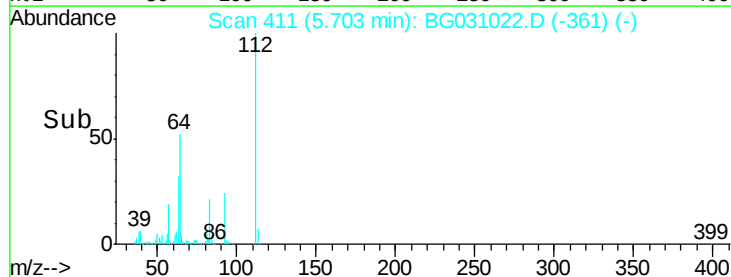
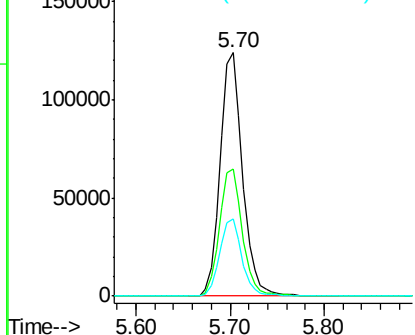
#5

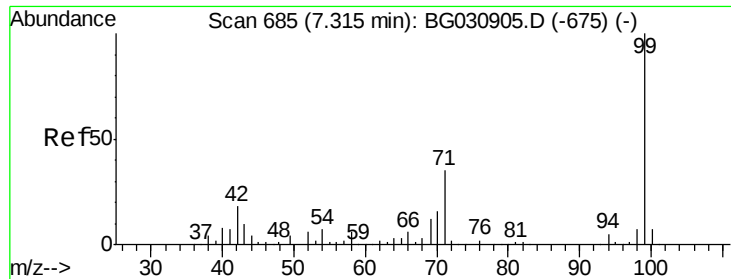
2-Fluorophenol
Concen: 111.98 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG031022.D
Acq: 15 Nov 2017 19:19

Tgt Ion:112 Resp: 206253
Ion Ratio Lower Upper
112 100
64 52.2 56.3 84.5#
63 31.6 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: 91.15 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG031022.D

Acq: 15 Nov 2017 19:19

Instrument :

BNA_G

ClientSampleId :

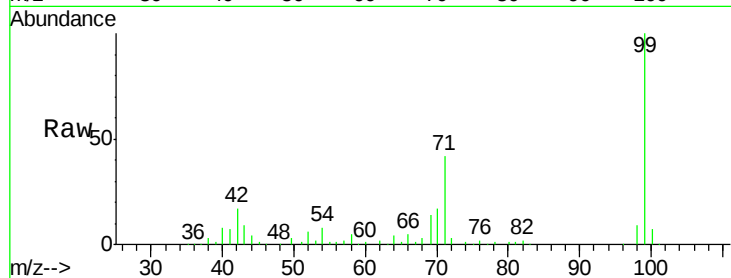
Tot Ion: 99 Resp: 226164

Ion Ratio Lower Upper

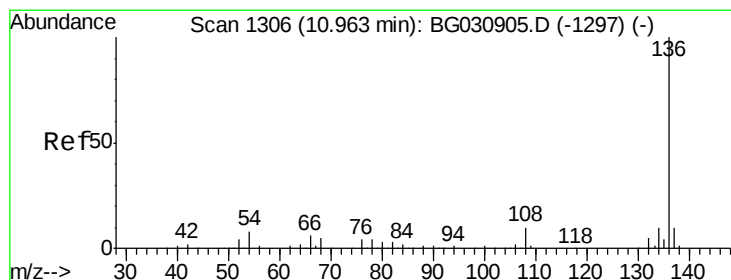
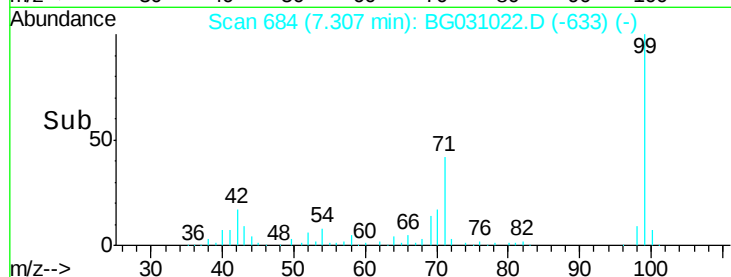
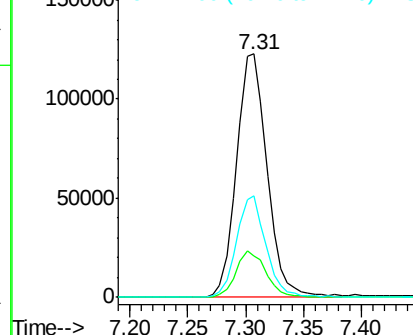
99 100

42 17.0 14.1 21.1

71 41.6 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: 20.00 ng

RT: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031022.D

Acq: 15 Nov 2017 19:19

Tgt Ion: 136 Resp: 119203

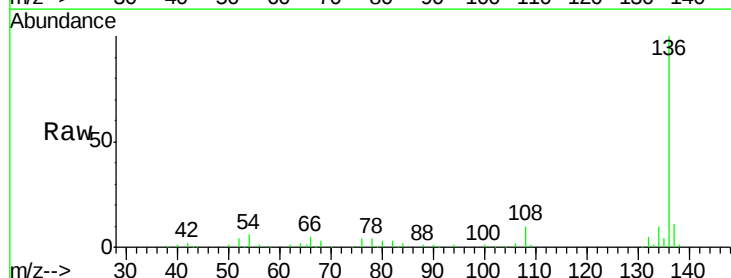
Ion Ratio Lower Upper

136 100

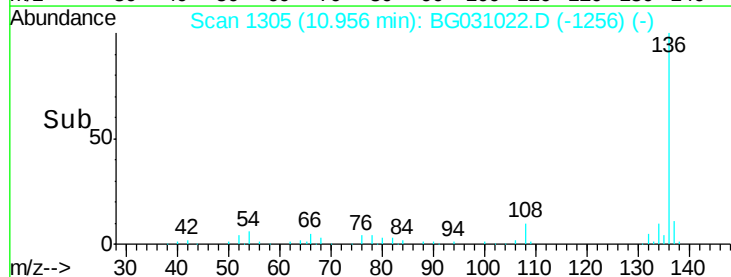
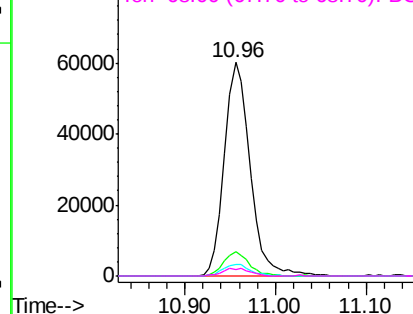
137 11.4 9.2 13.8

54 5.6 10.3 15.5#

68 3.0 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

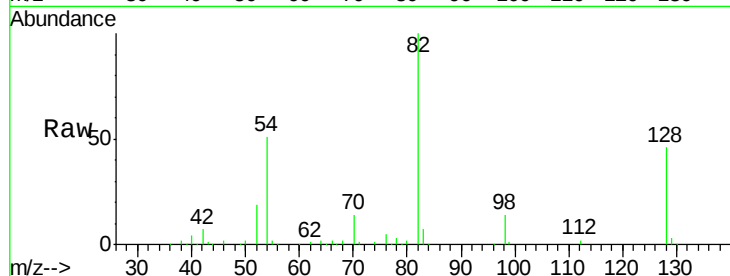




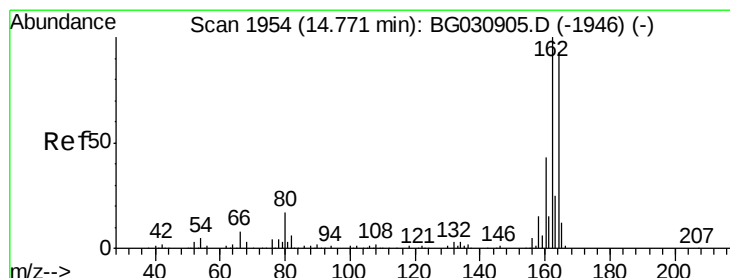
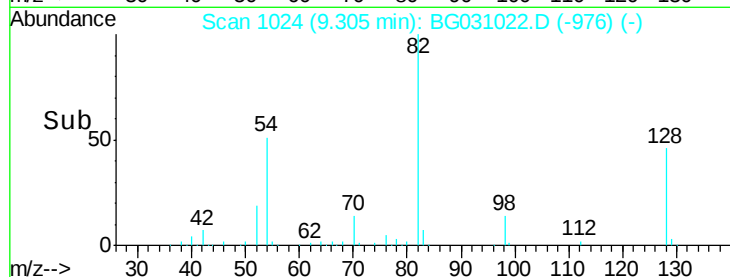
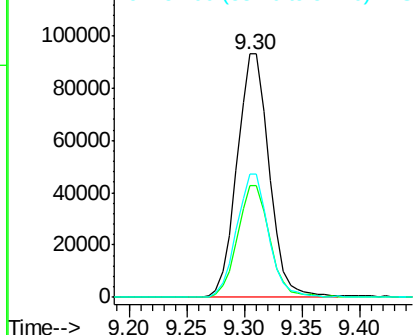
#23
Nitrobenzene-d5
Concen: 89.52 ng
RT: 9.30 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG031022.D
Acq: 15 Nov 2017 19:19

Instrument :
BNA_G
ClientSampleID :

Tot Ion: 82 Resp: 180084
Ion Ratio Lower Upper
82 100
128 45.7 29.7 44.5#
54 50.7 43.1 64.7

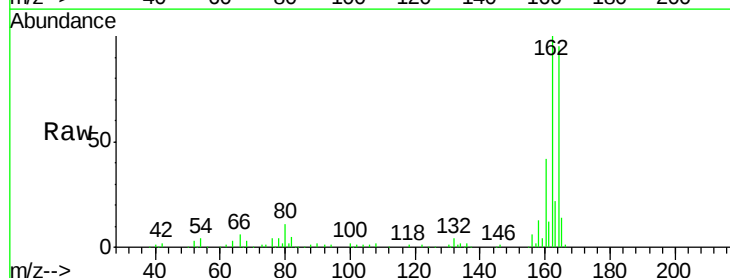


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

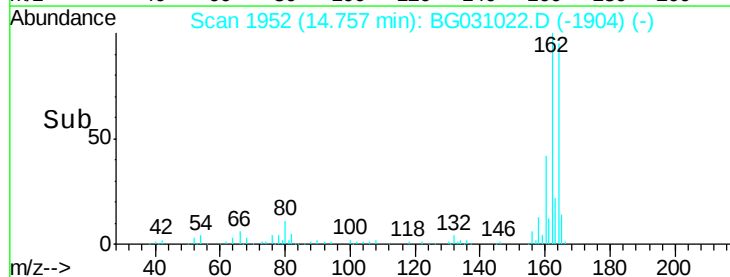
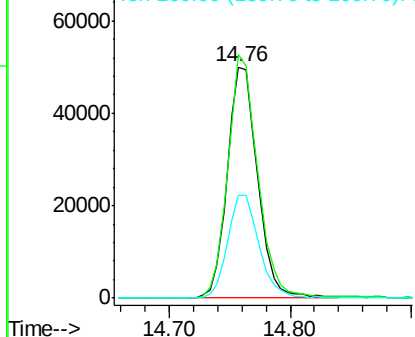


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG031022.D
Acq: 15 Nov 2017 19:19

Tgt Ion:164 Resp: 87213
Ion Ratio Lower Upper
164 100
162 105.4 78.8 118.2
160 44.3 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

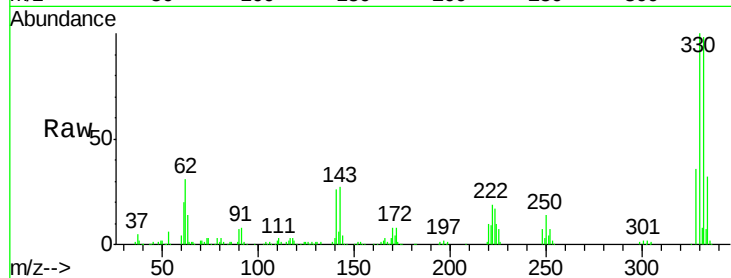




#41
 2,4,6-Tribromophenol
 Concen: 184.05 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031022.D
 Acq: 15 Nov 2017 19:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	26.0	25.2	37.8

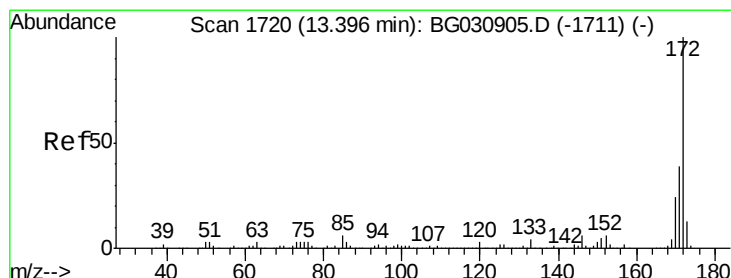
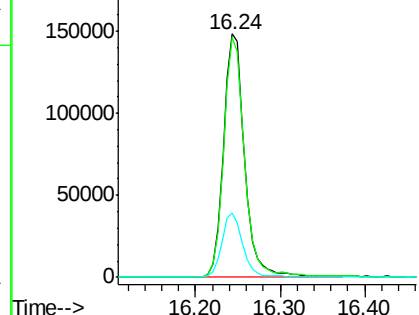
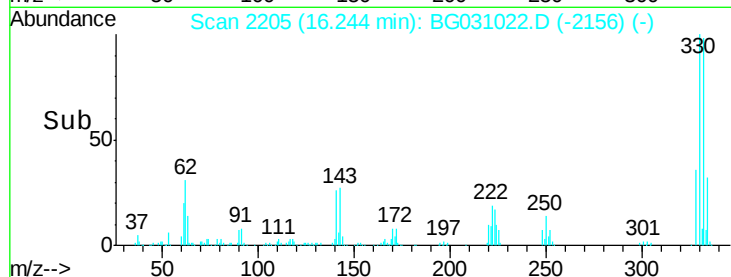


Abundance

Ion 329.80 (329.50 to 330.50): E

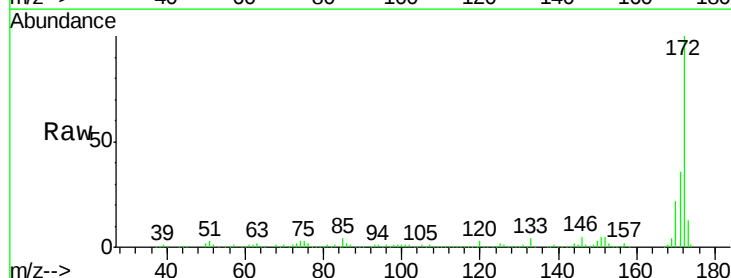
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 97.51 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031022.D
 Acq: 15 Nov 2017 19:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.0	45.0
170	21.9	19.5	29.3

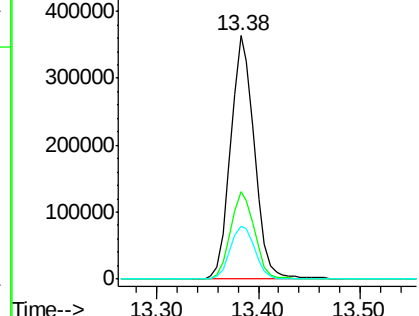
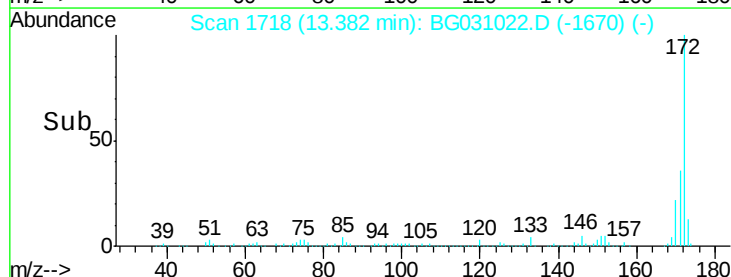


Abundance

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: 20.00 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BG031022.D

Acq: 15 Nov 2017 19:19

Instrument :

BNA_G

ClientSampleId :

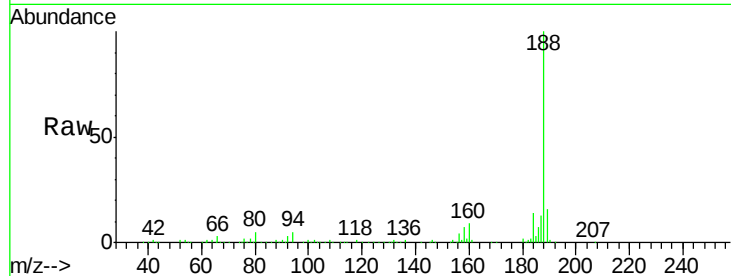
Tot Ion:188 Resp: 266089

Ion Ratio Lower Upper

188 100

94 4.9 6.9 10.3#

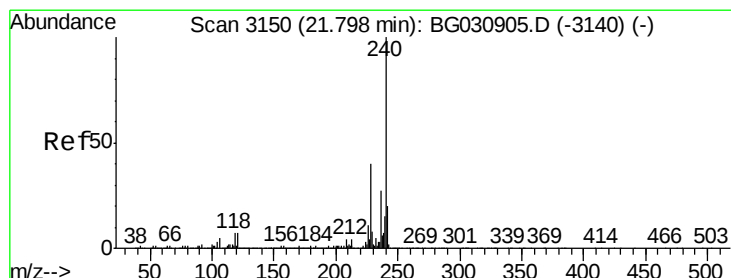
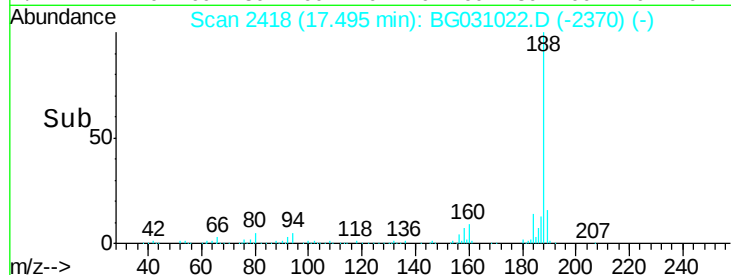
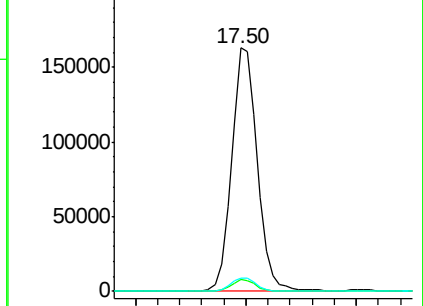
80 5.3 7.7 11.5#



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: 20.00 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031022.D

Acq: 15 Nov 2017 19:19

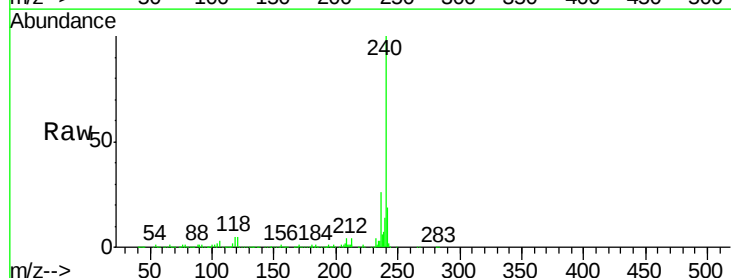
Tgt Ion:240 Resp: 401784

Ion Ratio Lower Upper

240 100

120 4.6 6.8 10.2#

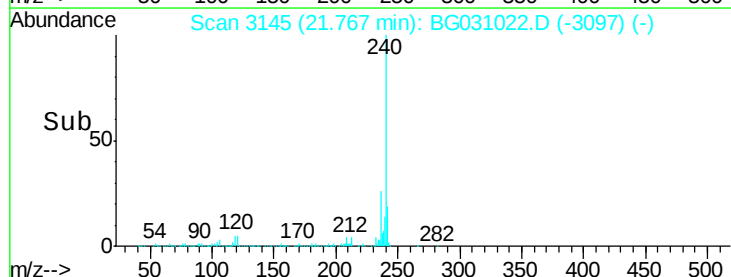
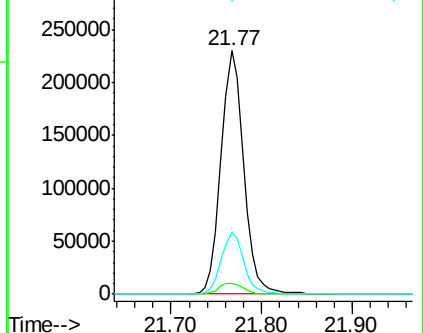
236 25.5 20.9 31.3



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: 88.61 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031022.D

Acq: 15 Nov 2017 19:19

Instrument :

BNA_G

ClientSampleId :

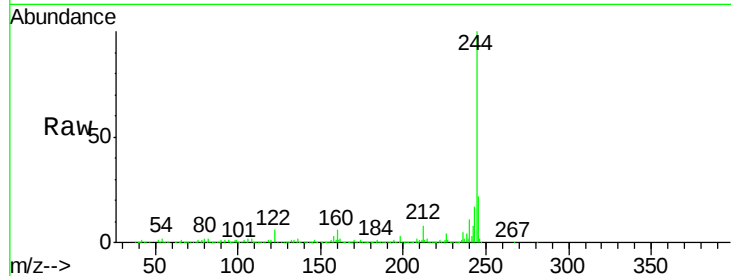
Tot Ion:244 Resp: 1612430

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	6.0	7.0	10.4

244 100

212 7.6 5.8 8.8

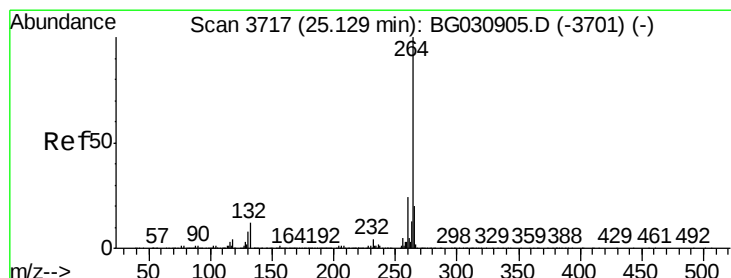
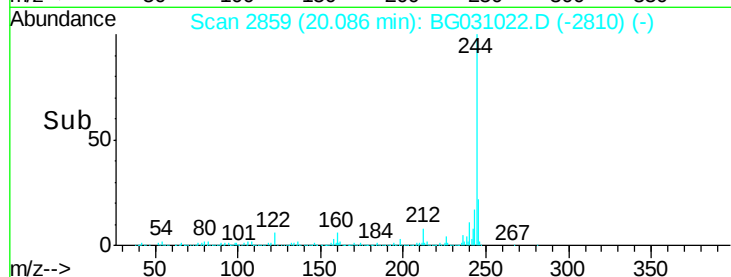
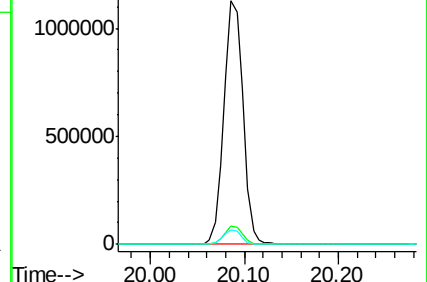
122 6.0 7.0 10.4



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: 20.00 ng

RT: 25.07 min Scan# 3707

Delta R.T. -0.02 min

Lab File: BG031022.D

Acq: 15 Nov 2017 19:19

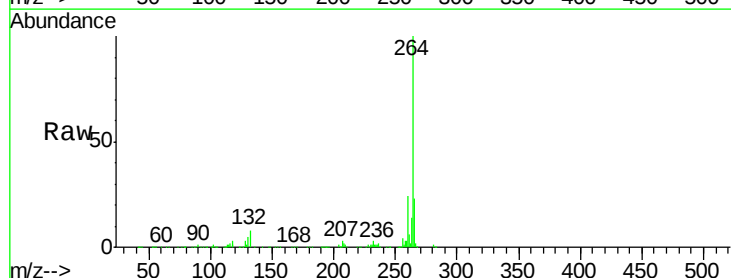
Tgt Ion:264 Resp: 401154

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	22.9	17.7	26.5

264 100

260 24.4 17.4 26.0

265 22.9 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

