

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
 Data File : BG031175.D
 Acq On : 22 Nov 2017 5:59
 Operator : SJ/JU
 Sample : I6539-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 22 07:14:00 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	57587	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	250943	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	167460	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	442529	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	533093	20.00	ng	-0.02
86) Perylene-d12	25.07	264	512150	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	136815	40.74	ng	-0.01
7) Phenol-d6	7.30	99	120388	26.61	ng	0.00
23) Nitrobenzene-d5	9.31	82	377260	89.08	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	210867	77.84	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1106965	94.98	ng	-0.02
78) Terphenyl-d14	20.09	244	1915557	79.34	ng	-0.01

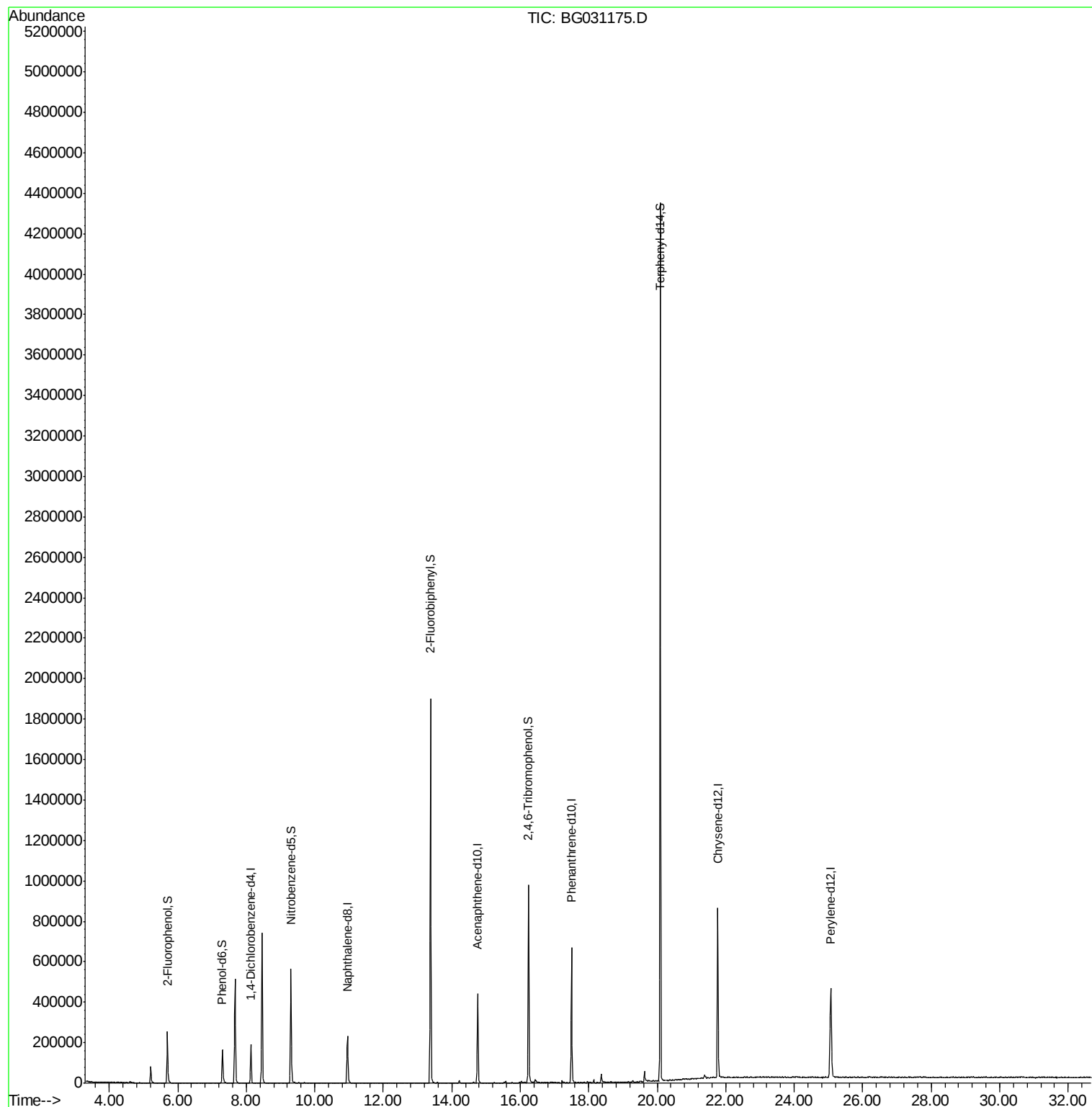
Target Compounds Qvalue

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

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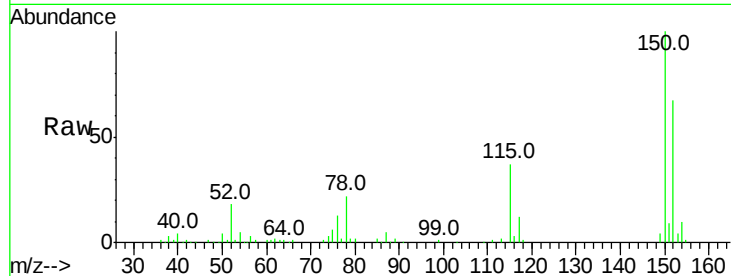


#1

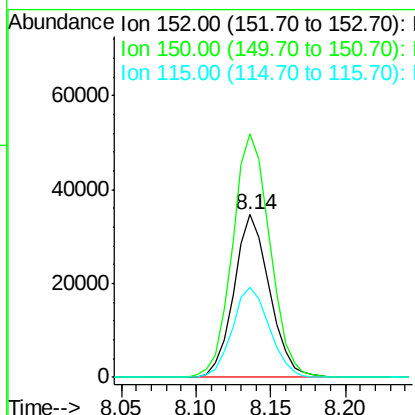
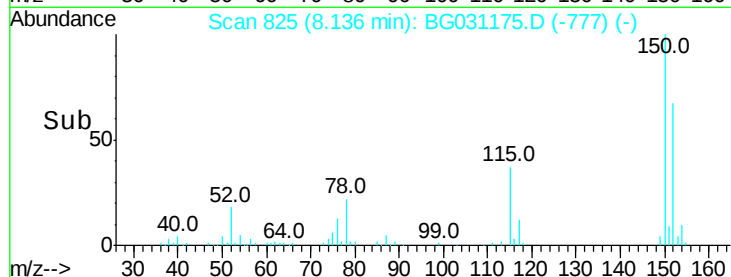
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG031175.D
Acq: 22 Nov 2017 5:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.5	126.6	189.8
115	55.4	53.0	79.4



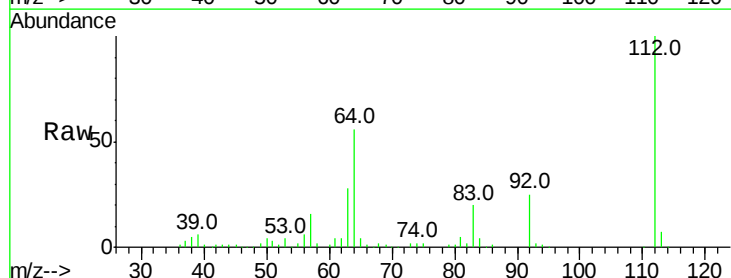
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



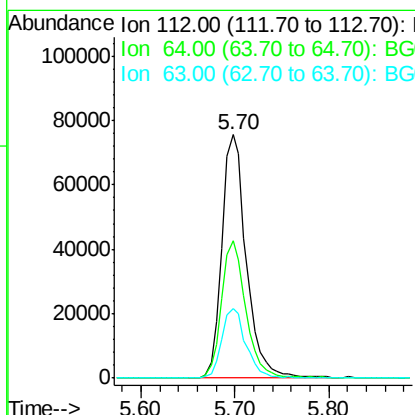
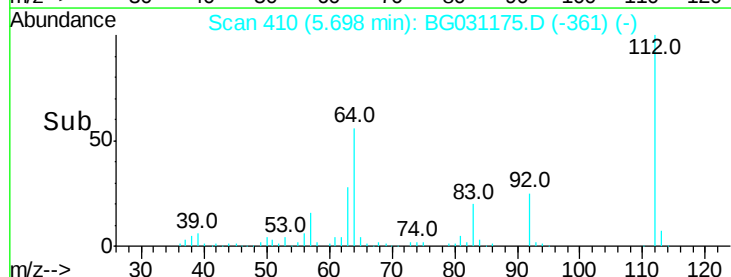
#5

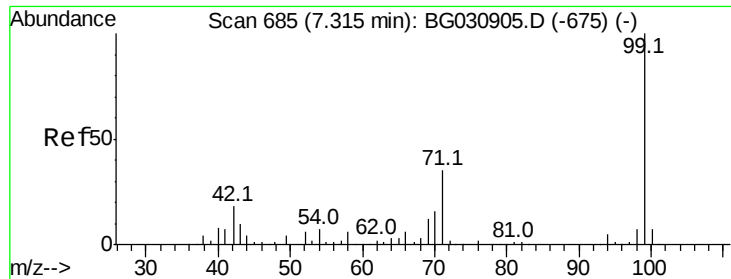
2-Fluorophenol
Concen: 40.739 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG031175.D
Acq: 22 Nov 2017 5:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	56.3	84.5#
63	28.3	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: 26.609 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031175.D

Acq: 22 Nov 2017 5:59

Instrument :

BNA_G

ClientSampleId :

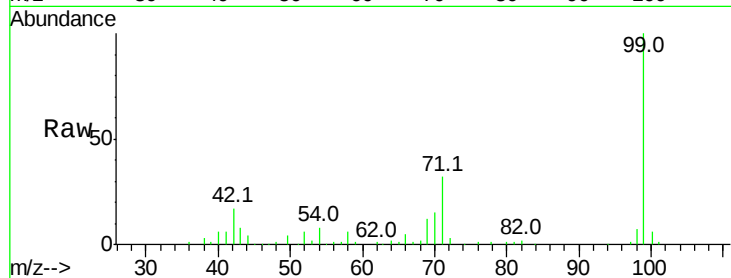
Tot Ion: 99 Resp: 120388

Ion Ratio Lower Upper

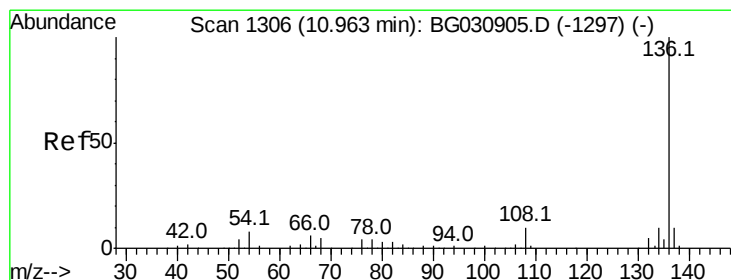
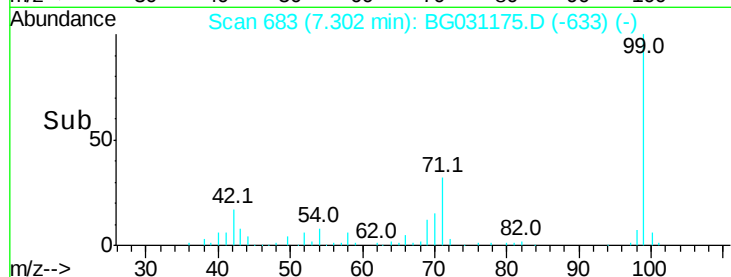
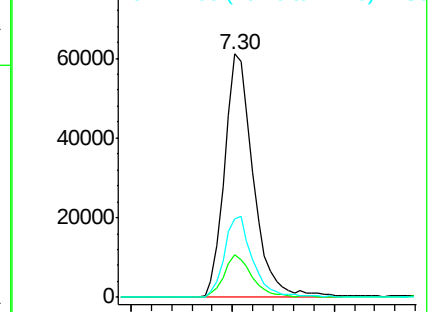
99 100

42 17.4 14.1 21.1

71 32.4 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: BG031175.D

Acq: 22 Nov 2017 5:59

Tgt Ion: 136 Resp: 250943

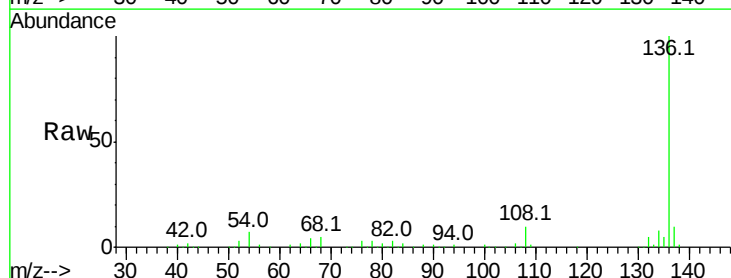
Ion Ratio Lower Upper

136 100

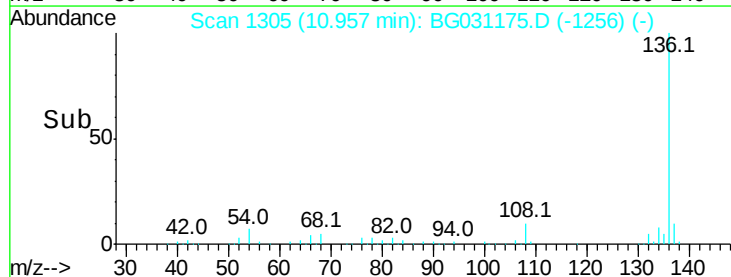
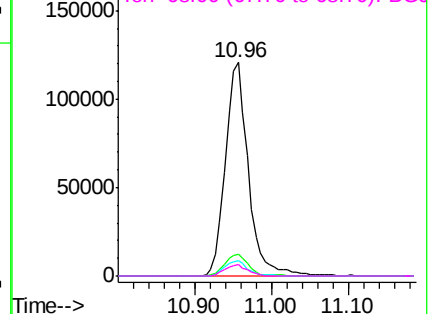
137 10.1 9.2 13.8

54 6.9 10.3 15.5#

68 5.3 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

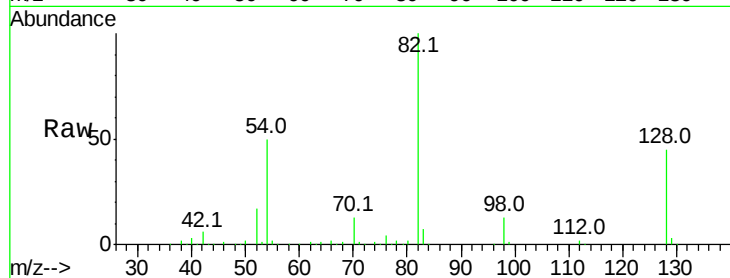




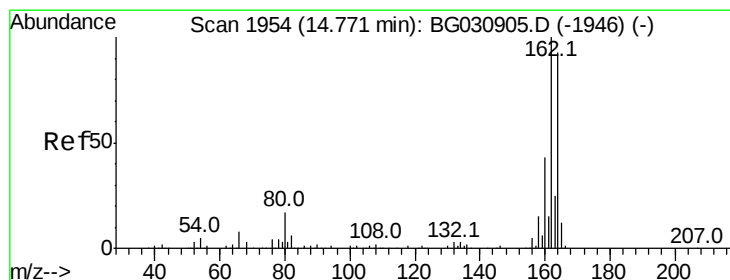
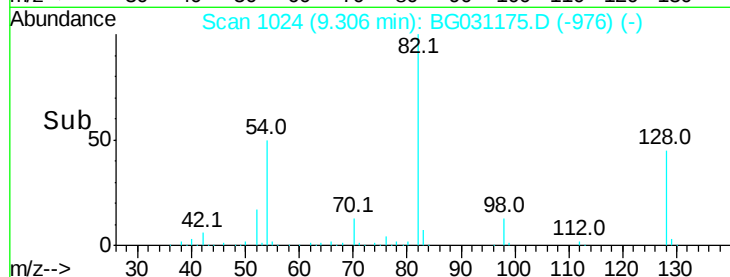
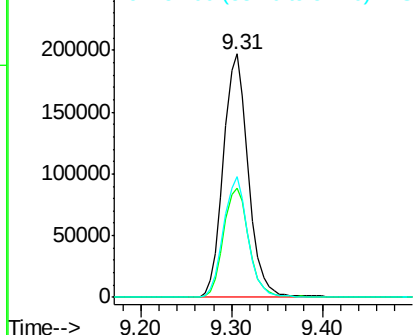
#23
Nitrobenzene-d5
Concen: 89.084 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG031175.D
Acq: 22 Nov 2017 5:59

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 377260
Ion Ratio Lower Upper
82 100
128 44.8 29.7 44.5#
54 49.6 43.1 64.7

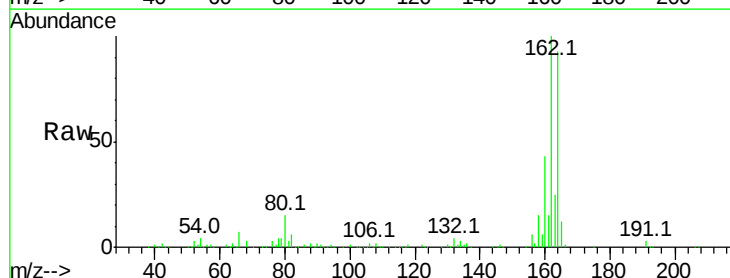


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

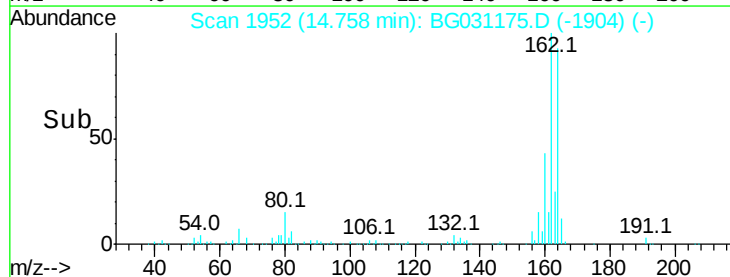
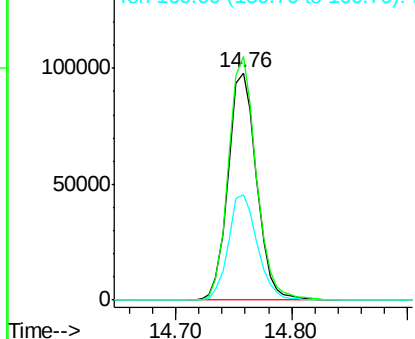


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG031175.D
Acq: 22 Nov 2017 5:59

Tgt Ion:164 Resp: 167460
Ion Ratio Lower Upper
164 100
162 107.3 78.8 118.2
160 46.5 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

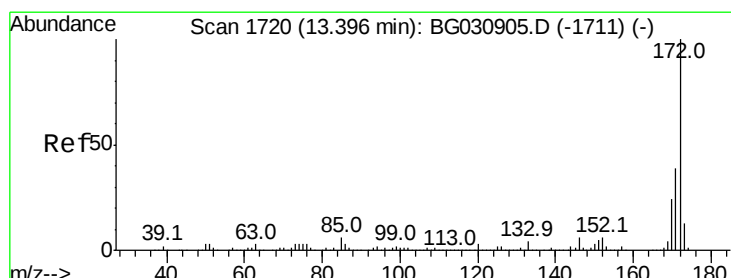
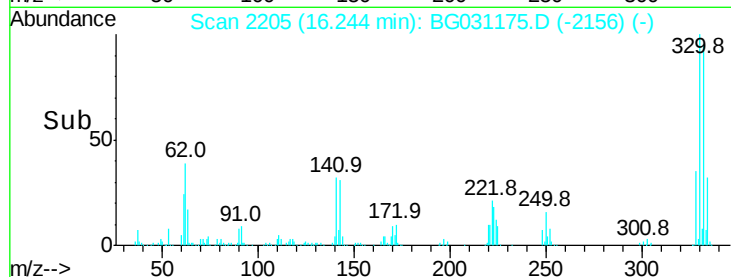
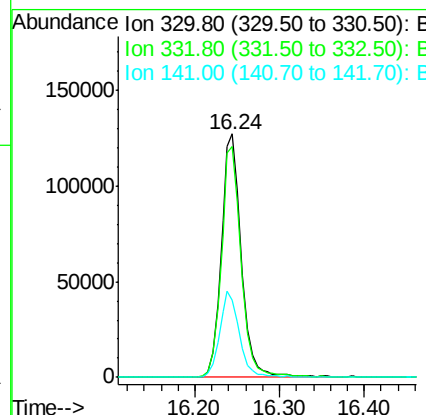
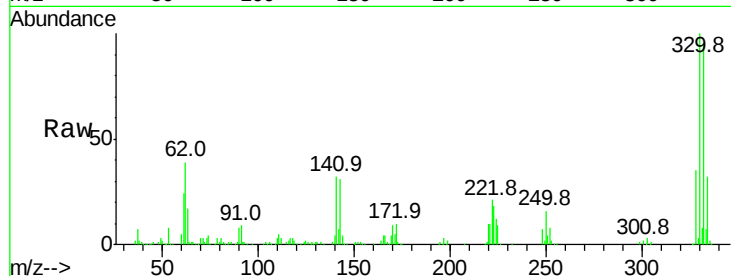




#41
 2,4,6-Tribromophenol
 Concen: 77.841 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031175.D
 Acq: 22 Nov 2017 5:59

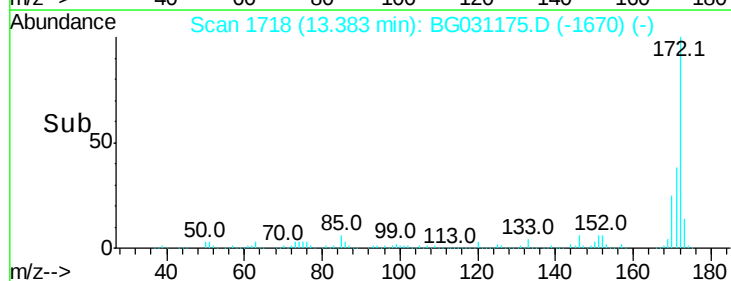
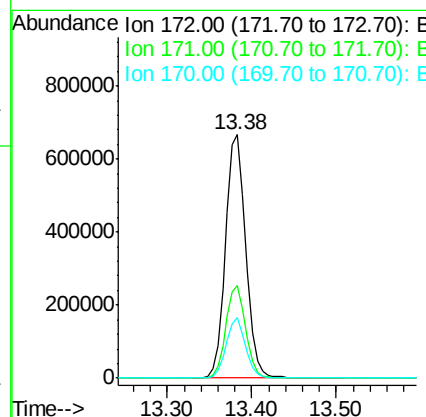
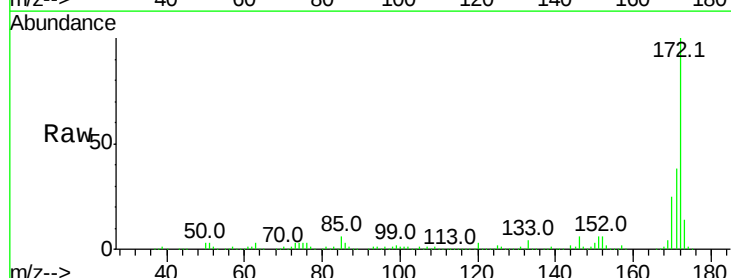
Instrument :
 BNA_G
 ClientSampleId :

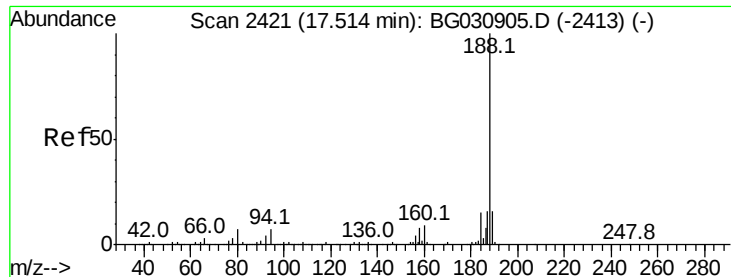
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.0	115.6
141	34.8	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 94.983 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031175.D
 Acq: 22 Nov 2017 5:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	24.8	19.5	29.3

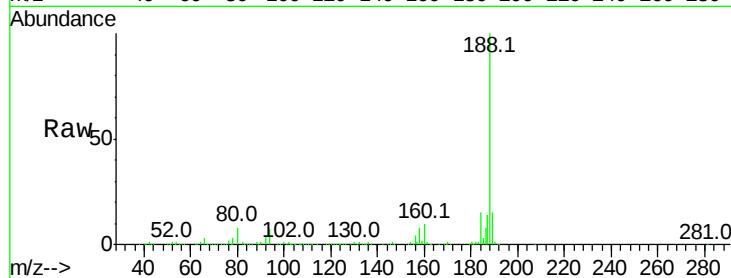




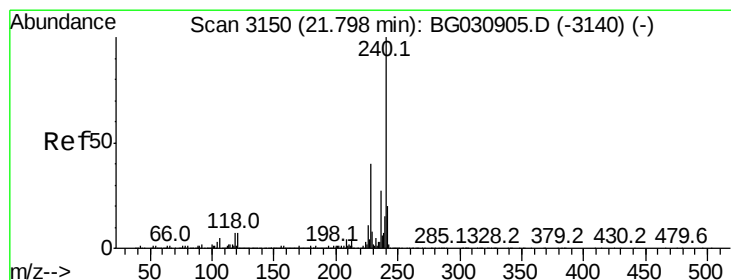
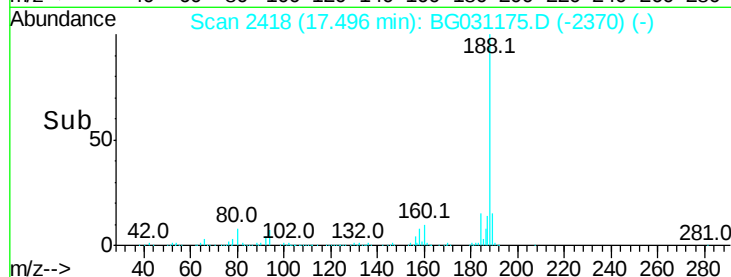
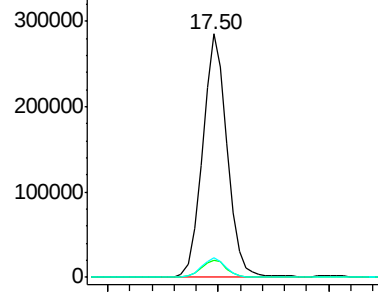
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031175.D
Acq: 22 Nov 2017 5:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 442529
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 7.8 7.7 11.5

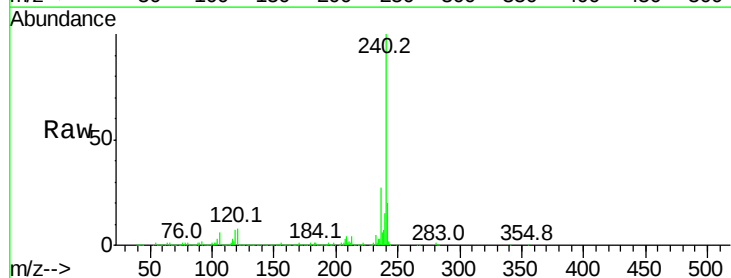


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

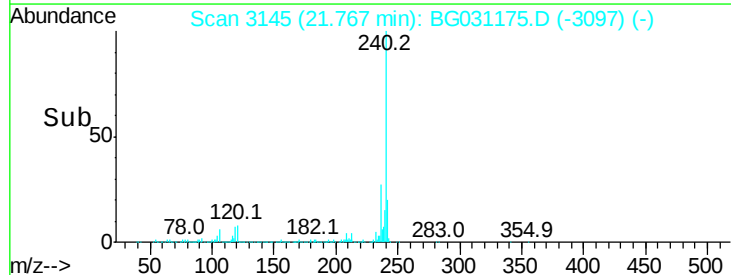
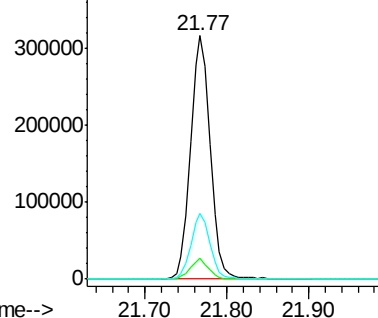


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031175.D
Acq: 22 Nov 2017 5:59

Tgt Ion:240 Resp: 533093
Ion Ratio Lower Upper
240 100
120 8.4 6.8 10.2
236 26.8 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: 79.343 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031175.D

Acq: 22 Nov 2017 5:59

Instrument :

BNA_G

ClientSampleId :

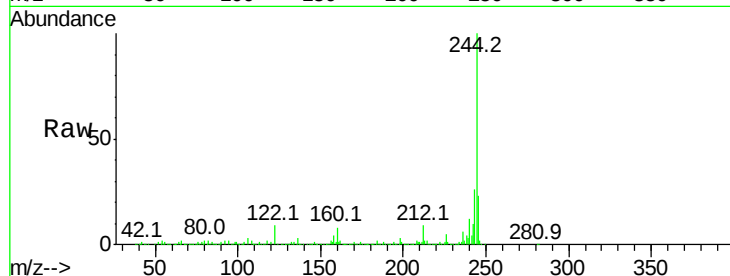
Tot Ion:244 Resp: 1915557

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	9.1	7.0	10.4

244 100

212 8.7 5.8 8.8

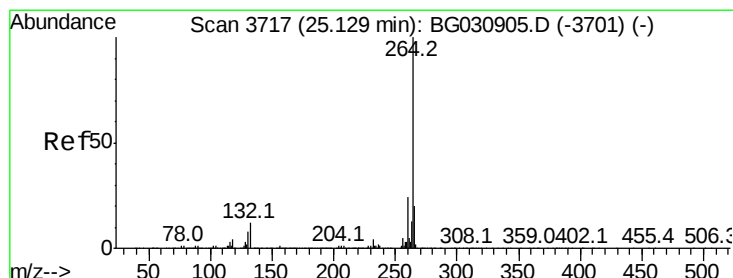
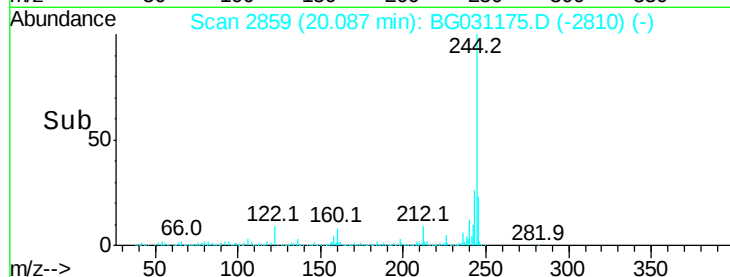
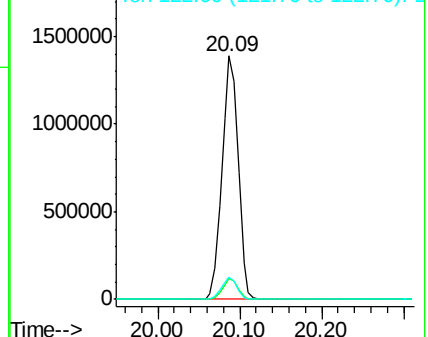
122 9.1 7.0 10.4



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: BG031175.D

Acq: 22 Nov 2017 5:59

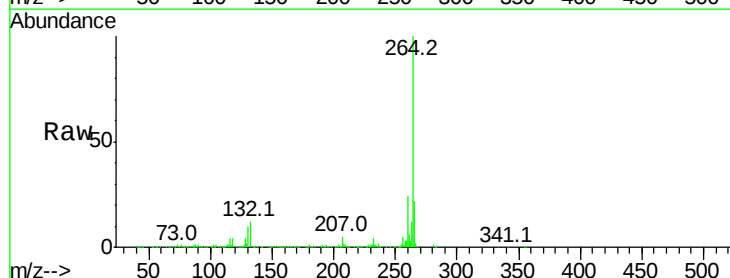
Tgt Ion:264 Resp: 512150

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.5	17.7	26.5

264 100

260 23.7 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

