

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
 Data File : BG031179.D
 Acq On : 22 Nov 2017 8:29
 Operator : SJ/JU
 Sample : I6539-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 22 13:27:31 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	8.13	152	54651	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	236596	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	163276	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	424288	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	521063	20.00	ng	-0.02
86) Perylene-d12	25.07	264	496908	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	135386	42.48	ng	-0.01
7) Phenol-d6	7.31	99	107018	24.92	ng	0.00
23) Nitrobenzene-d5	9.30	82	369323	92.50	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	210587	79.73	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1104785	97.23	ng	-0.02
78) Terphenyl-d14	20.09	244	1905313	80.74	ng	0.00

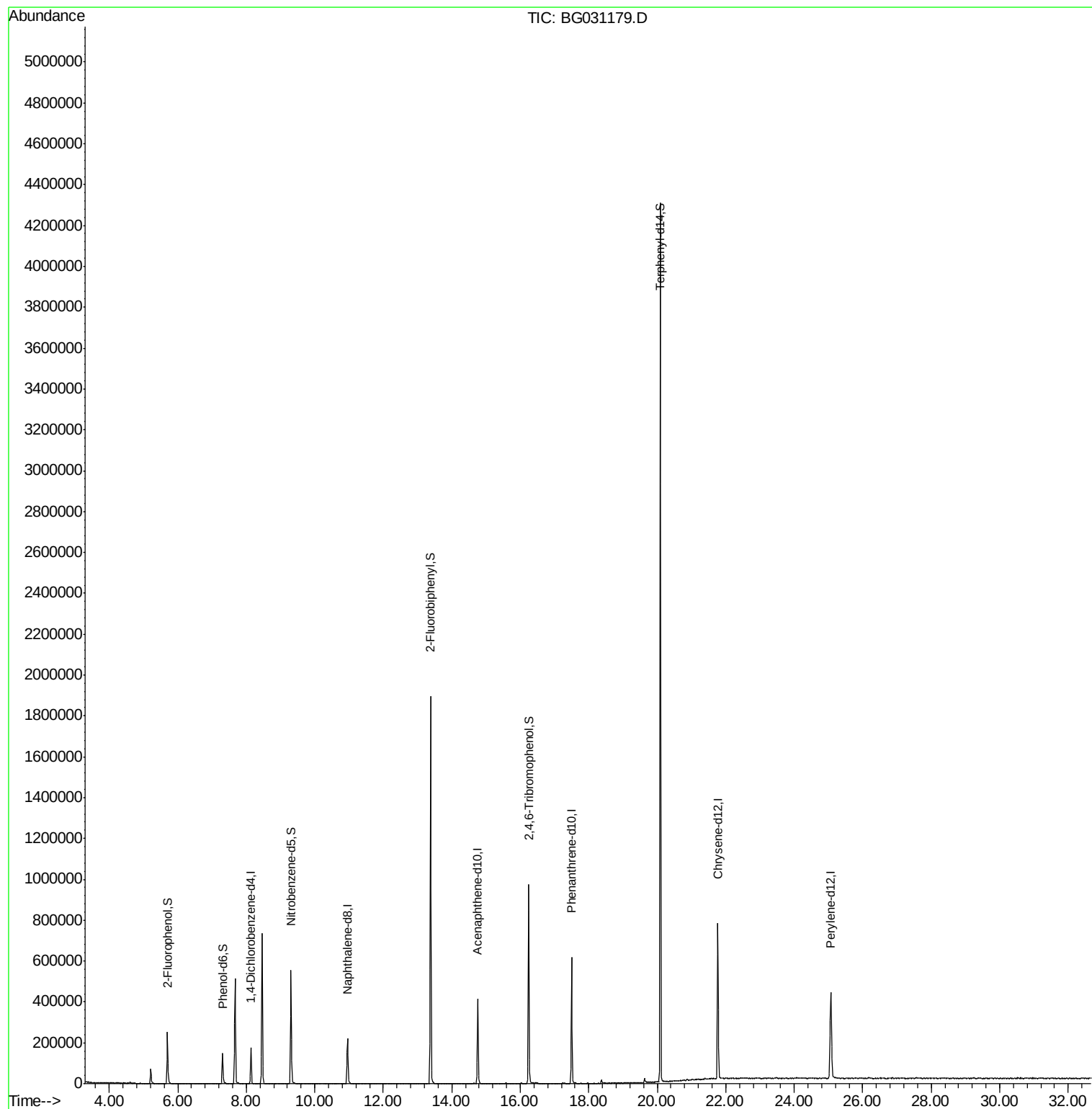
Target Compounds Qvalue

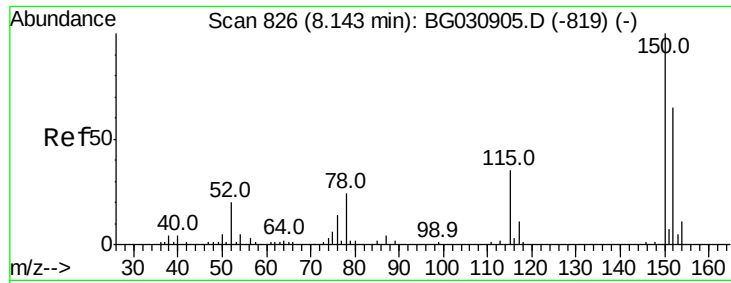
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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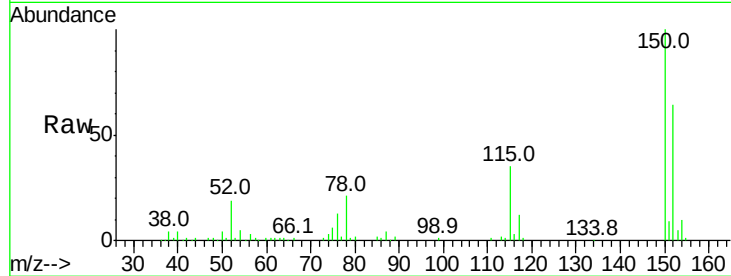


#1

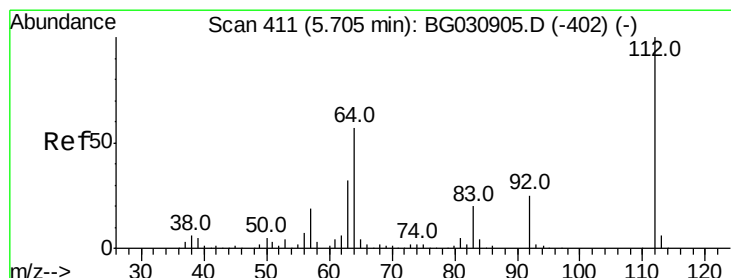
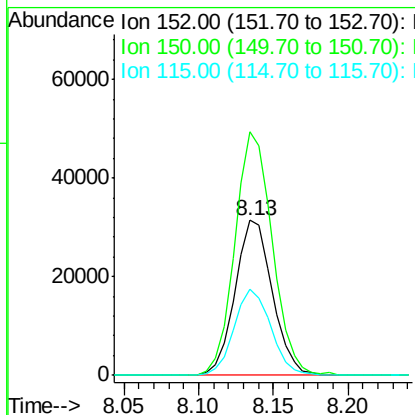
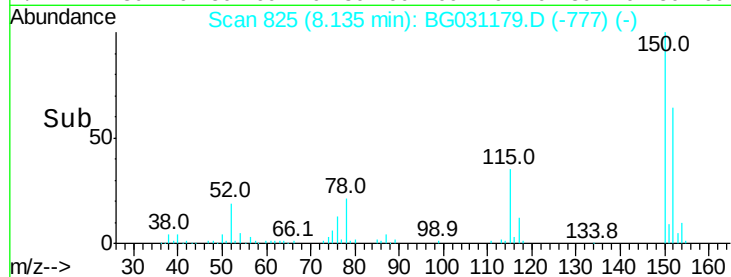
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG031179.D
Acq: 22 Nov 2017 8:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.6	189.8
115	55.4	53.0	79.4



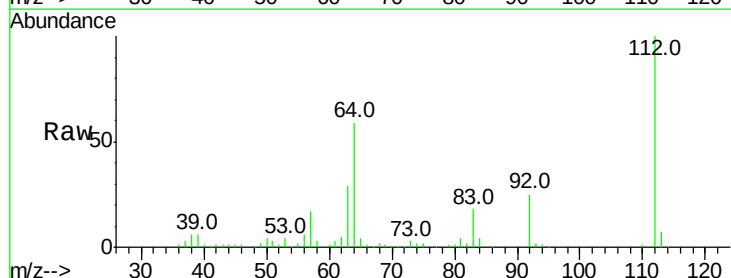
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



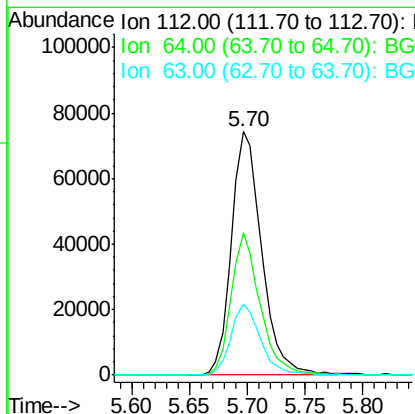
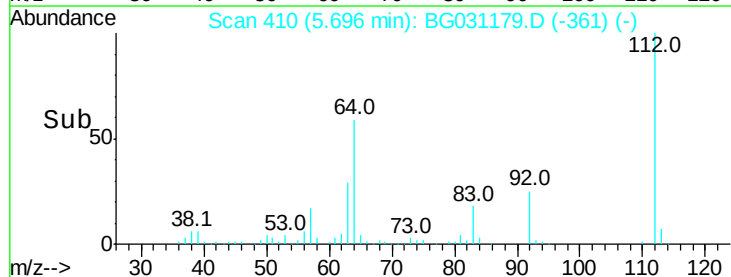
#5

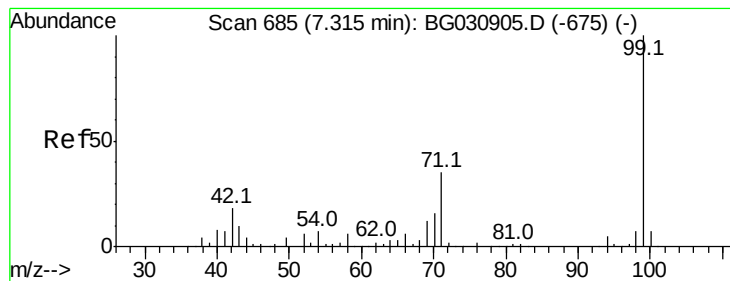
2-Fluorophenol
Concen: 42.479 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG031179.D
Acq: 22 Nov 2017 8:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	56.3	84.5
63	29.1	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: 24.924 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG031179.D

Acq: 22 Nov 2017 8:29

Instrument :

BNA_G

ClientSampleId :

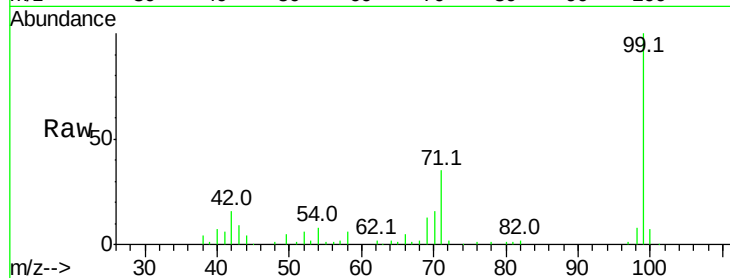
Tot Ion: 99 Resp: 107018

Ion Ratio Lower Upper

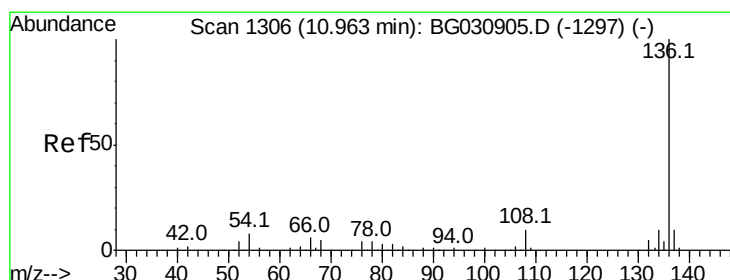
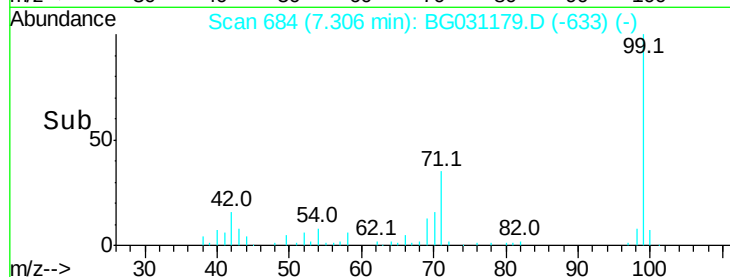
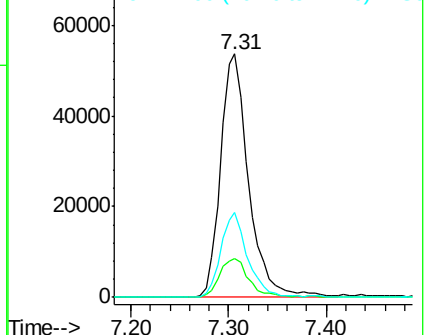
99 100

42 16.0 14.1 21.1

71 34.6 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: 10.95 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031179.D

Acq: 22 Nov 2017 8:29

Tgt Ion: 136 Resp: 236596

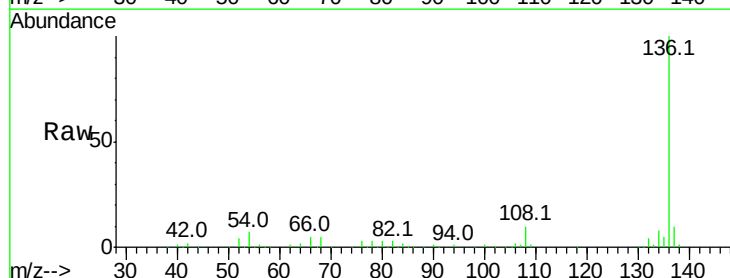
Ion Ratio Lower Upper

136 100

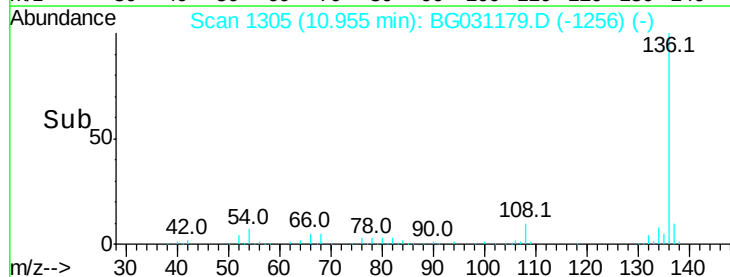
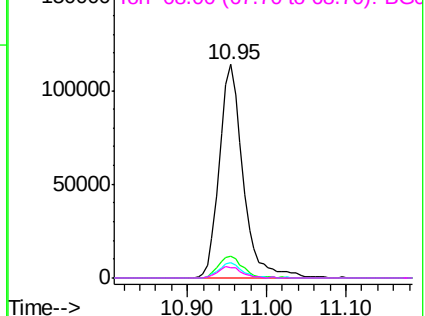
137 10.1 9.2 13.8

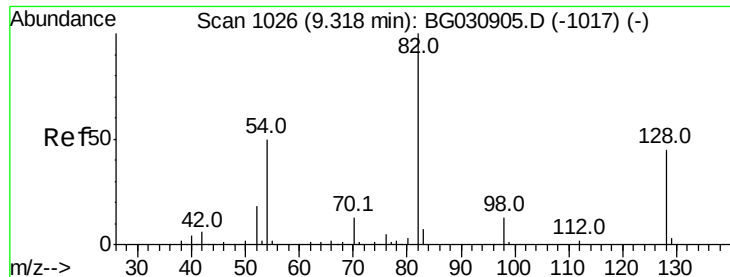
54 7.2 10.3 15.5#

68 5.0 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

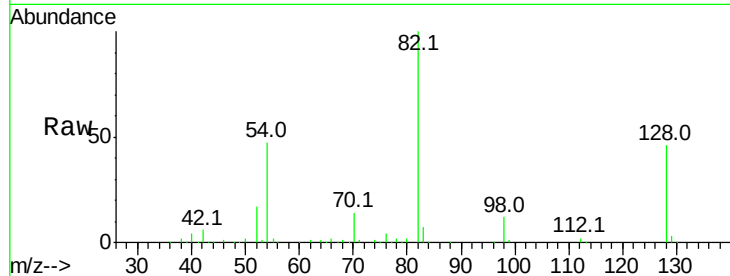




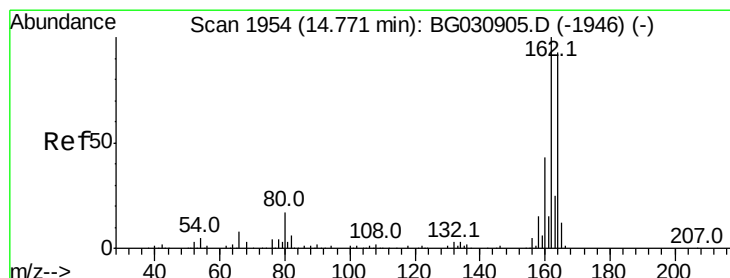
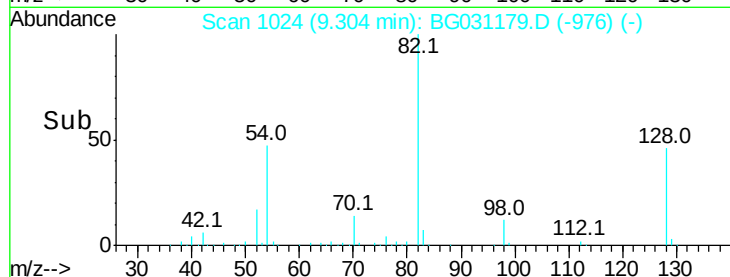
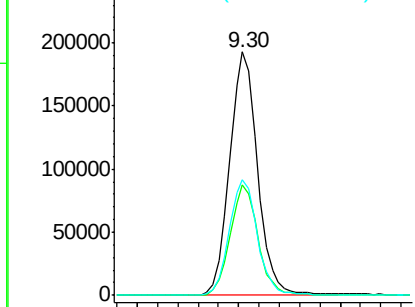
#23
Nitrobenzene-d5
Concen: 92.498 ng
RT: 9.30 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG031179.D
Acq: 22 Nov 2017 8:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 369323
Ion Ratio Lower Upper
82 100
128 45.5 29.7 44.5#
54 47.5 43.1 64.7

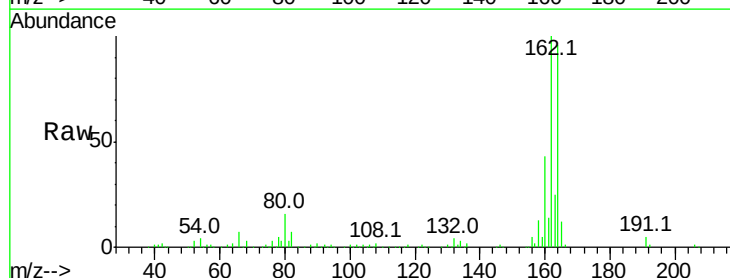


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

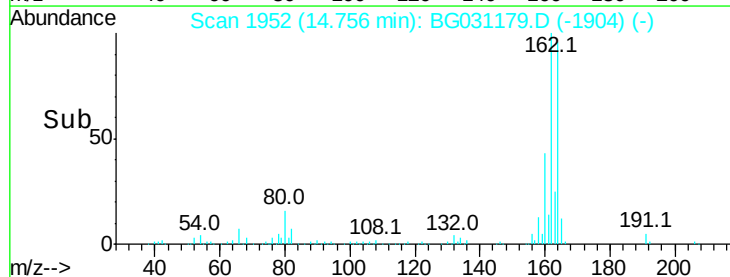
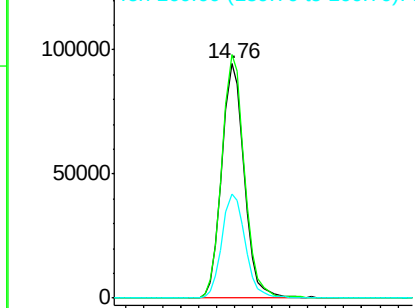


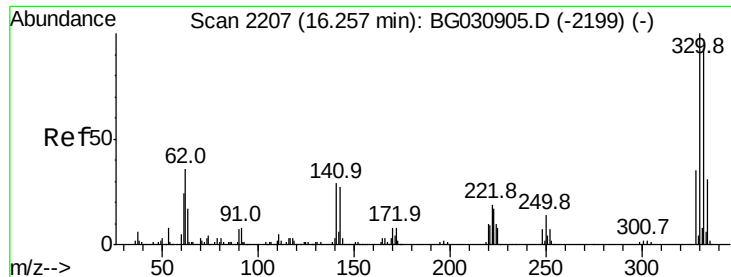
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG031179.D
Acq: 22 Nov 2017 8:29

Tgt Ion:164 Resp: 163276
Ion Ratio Lower Upper
164 100
162 103.8 78.8 118.2
160 44.4 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

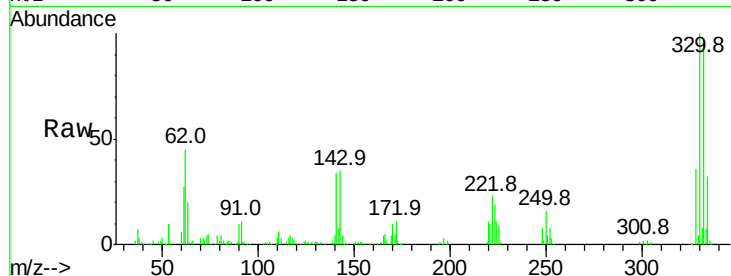




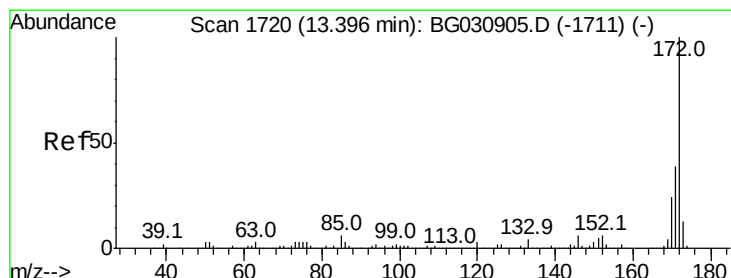
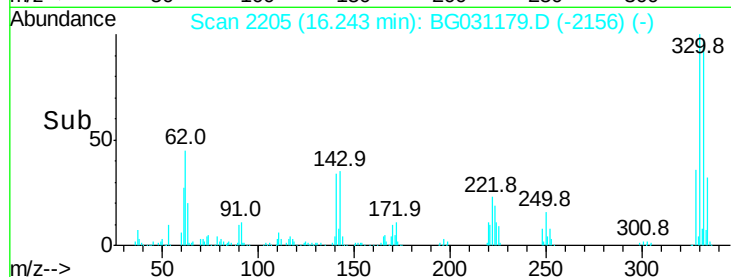
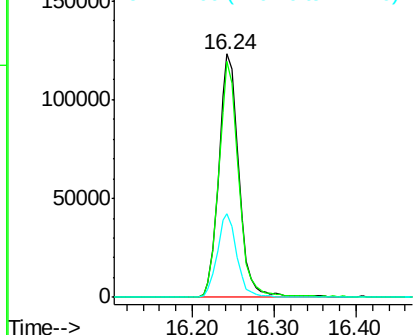
#41
 2,4,6-Tribromophenol
 Concen: 79.729 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031179.D
 Acq: 22 Nov 2017 8:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	34.0	25.2	37.8

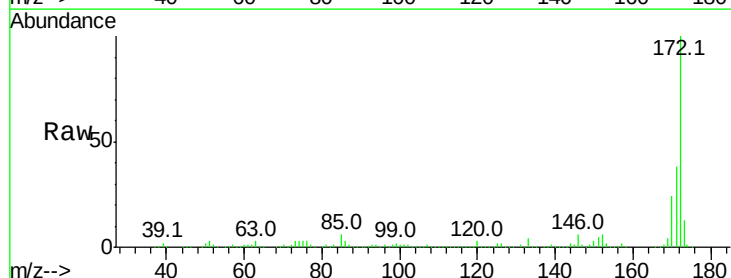


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

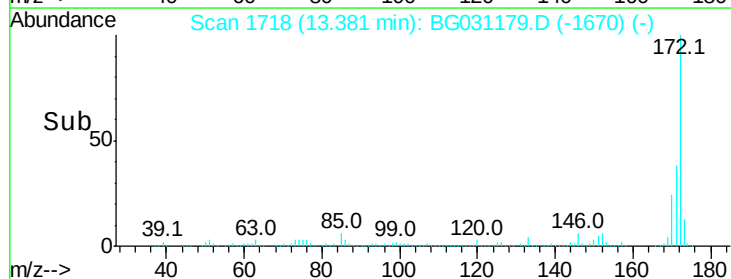
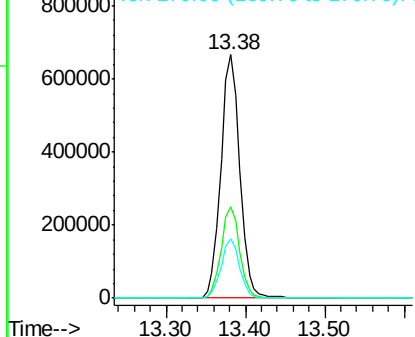


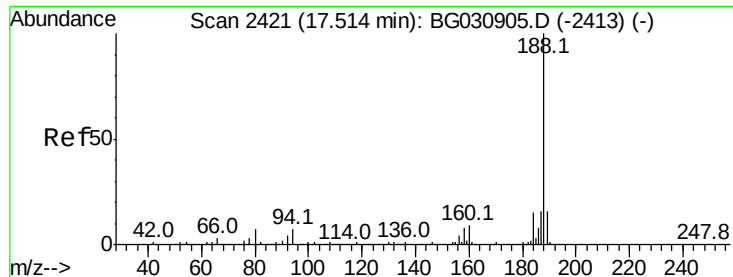
#44
 2-Fluorobiphenyl
 Concen: 97.225 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031179.D
 Acq: 22 Nov 2017 8:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	24.4	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

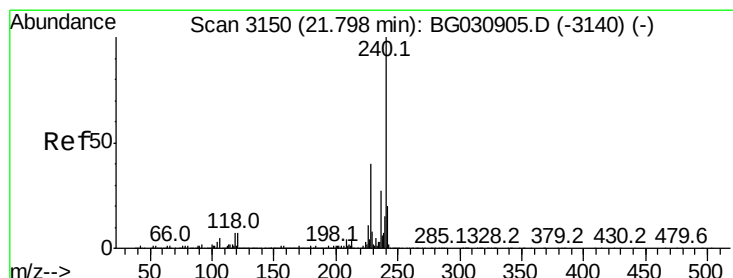
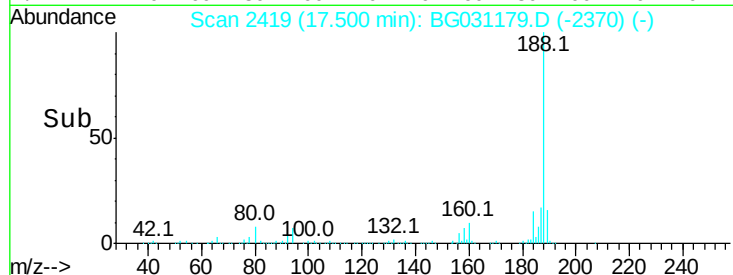
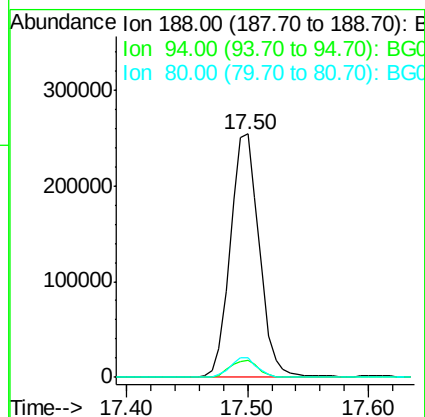
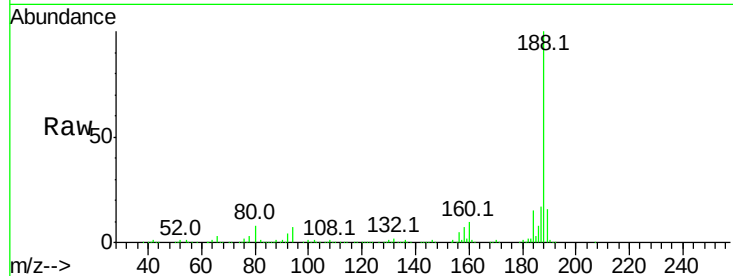




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG031179.D
Acq: 22 Nov 2017 8:29

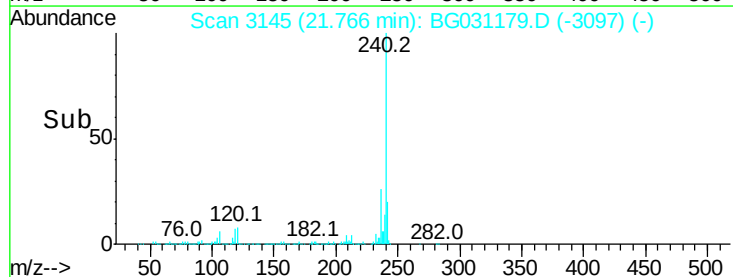
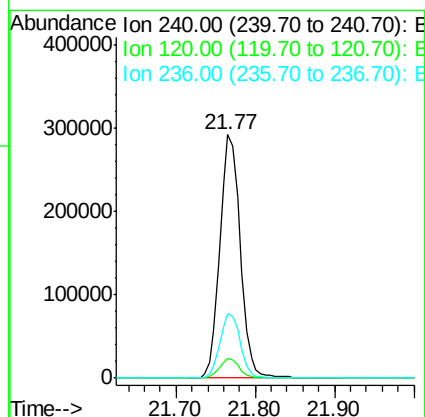
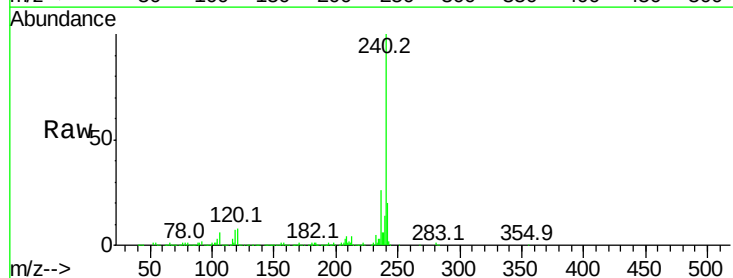
Instrument :
BNA_G
ClientSampleId :

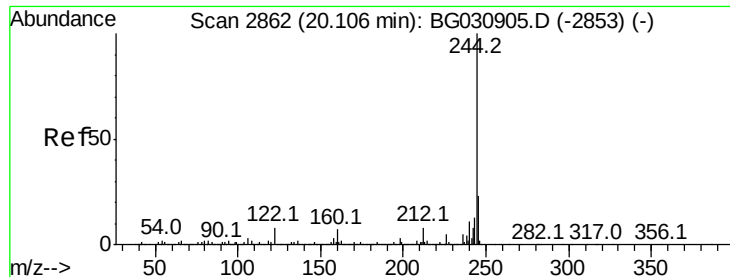
Tot Ion:188 Resp: 424288
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 8.0 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031179.D
Acq: 22 Nov 2017 8:29

Tgt Ion:240 Resp: 521063
Ion Ratio Lower Upper
240 100
120 7.9 6.8 10.2
236 26.3 20.9 31.3





#78

Terphenyl-d14

Concen: 80.741 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG031179.D

Acq: 22 Nov 2017 8:29

Instrument :

BNA_G

ClientSampleId :

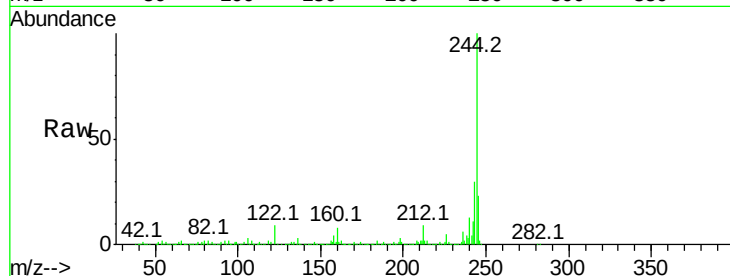
Tot Ion:244 Resp: 1905313

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

244 100

212 8.7 5.8 8.8

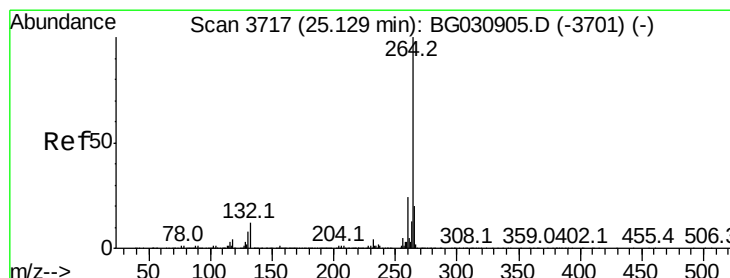
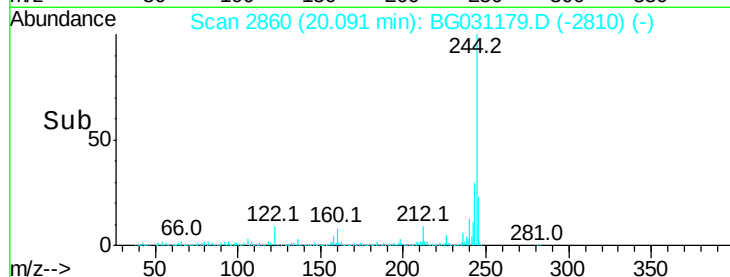
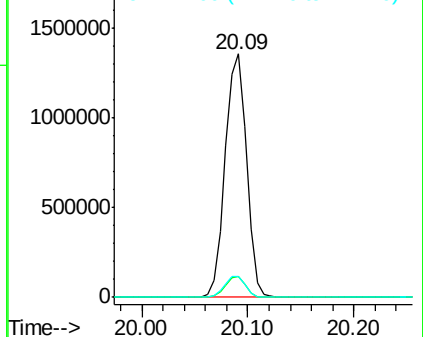
122 8.7 7.0 10.4



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: BG031179.D

Acq: 22 Nov 2017 8:29

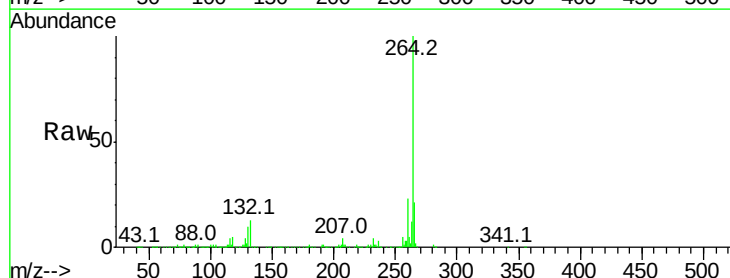
Tgt Ion:264 Resp: 496908

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	21.1	17.7	26.5

264 100

260 23.3 17.4 26.0

265 21.1 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

