

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
 Data File : BG031158.D
 Acq On : 21 Nov 2017 18:35
 Operator : SJ/JU
 Sample : I6501-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 22 00:32:15 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

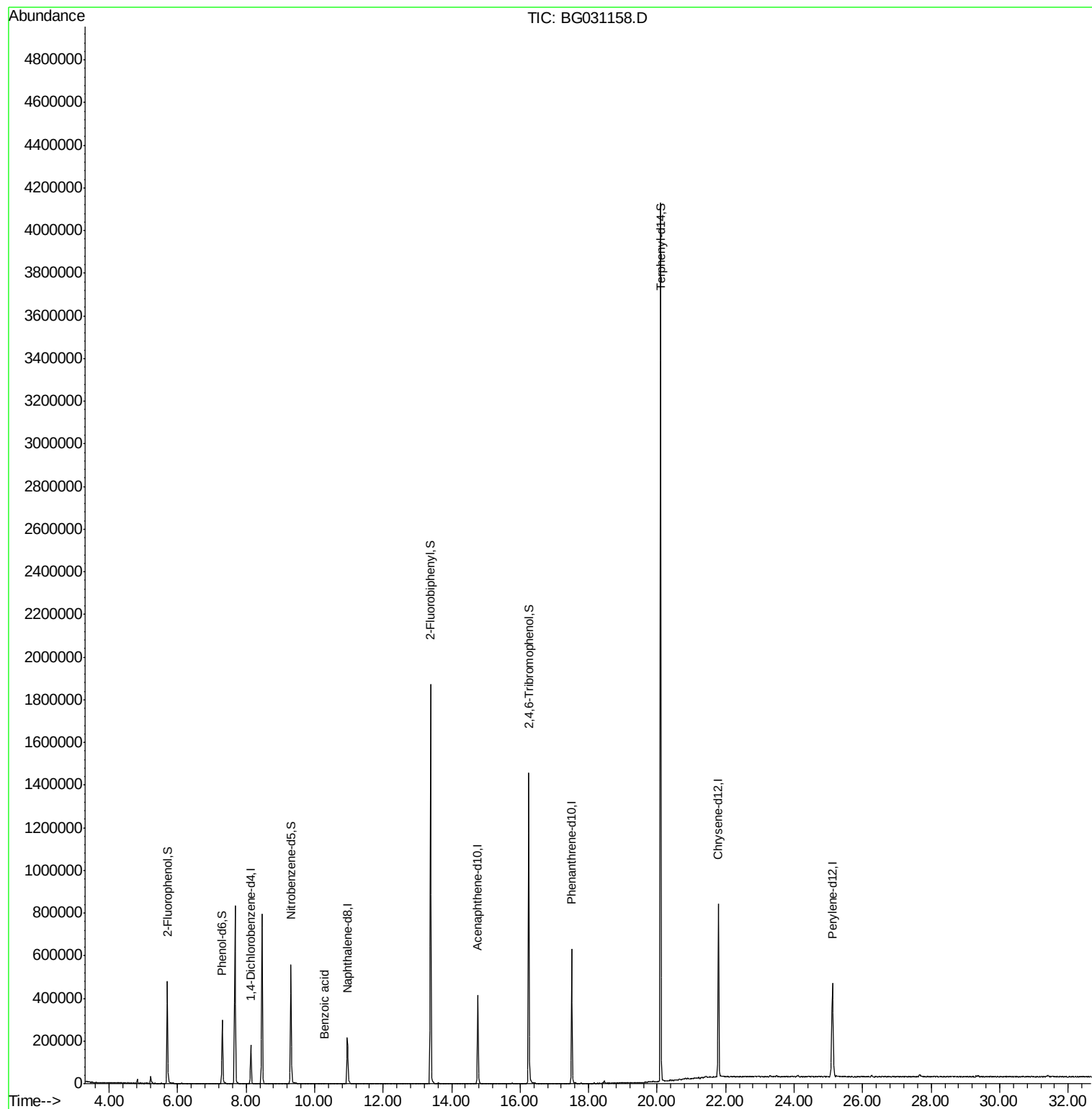
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	55699	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	242248	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	162528	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	429156	20.00	ng	0.00
75) Chrysene-d12	21.79	240	536478	20.00	ng	0.00
86) Perylene-d12	25.12	264	521845	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	245970	75.72	ng	-0.01
7) Phenol-d6	7.30	99	204695	46.78	ng	0.00
23) Nitrobenzene-d5	9.31	82	381019	93.20	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	316824	120.50	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1122934	99.28	ng	-0.02
78) Terphenyl-d14	20.10	244	2022724	83.25	ng	0.00
Target Compounds						
32) Benzoic acid	10.29	122	68	5.684	ng	Qvalue # 1

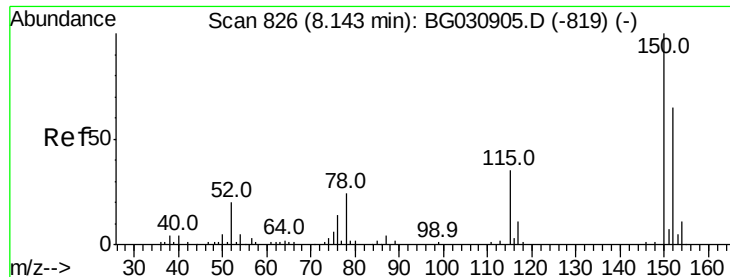
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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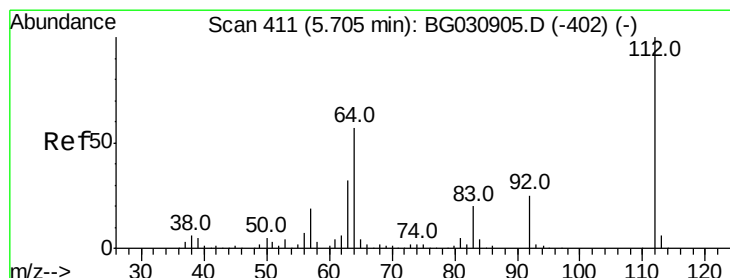
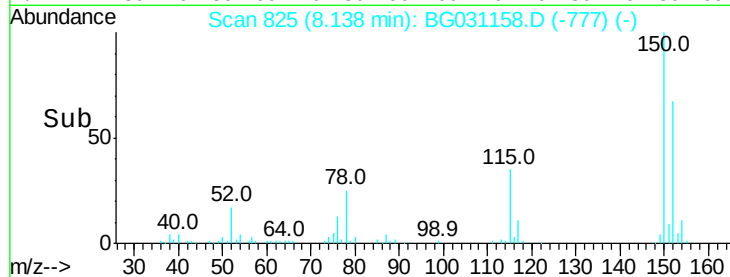
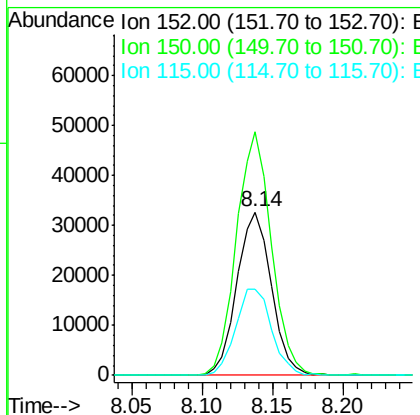
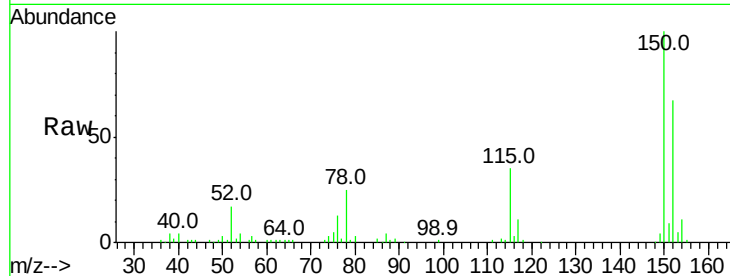


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG031158.D
Acq: 21 Nov 2017 18:35

Instrument :
BNA_G
ClientSampleId :

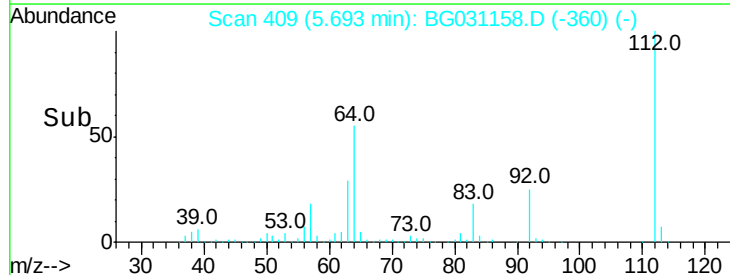
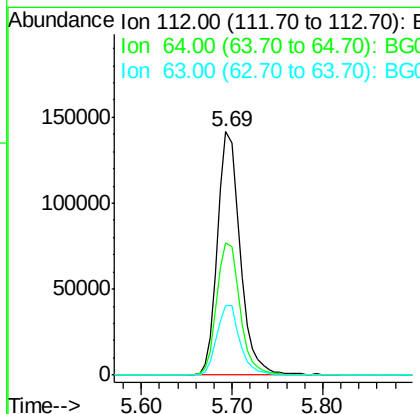
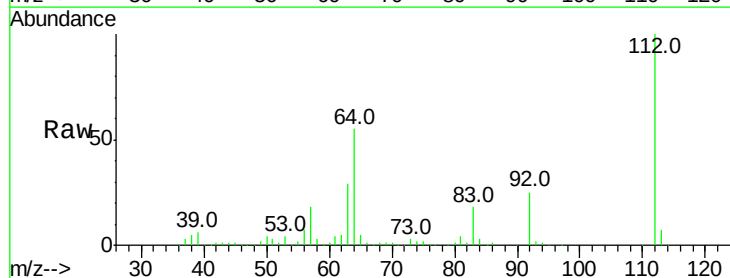
Tot Ion:152 Resp: 55699
Ion Ratio Lower Upper
152 100
150 149.0 126.6 189.8
115 52.8 53.0 79.4#

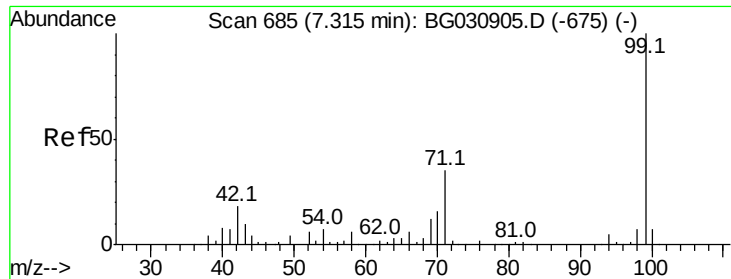


#5

2-Fluorophenol
Concen: 75.725 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.01 min
Lab File: BG031158.D
Acq: 21 Nov 2017 18:35

Tgt Ion:112 Resp: 245970
Ion Ratio Lower Upper
112 100
64 54.6 56.3 84.5#
63 28.7 30.1 45.1#





#7

Phenol-d6

Concen: 46.776 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031158.D

Acq: 21 Nov 2017 18:35

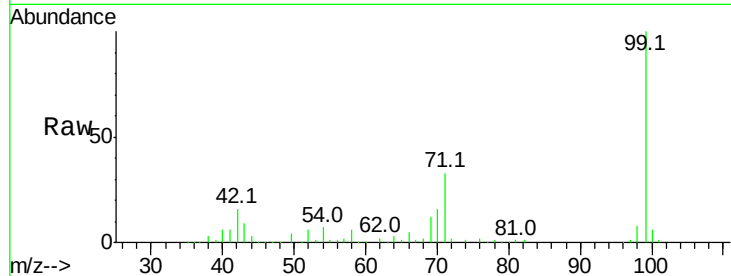
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 204695

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.1	21.1
71	33.5	26.1	39.1

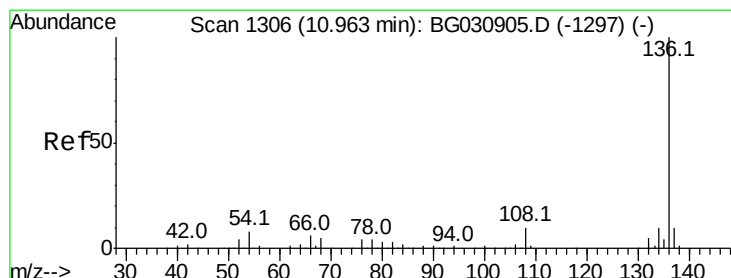
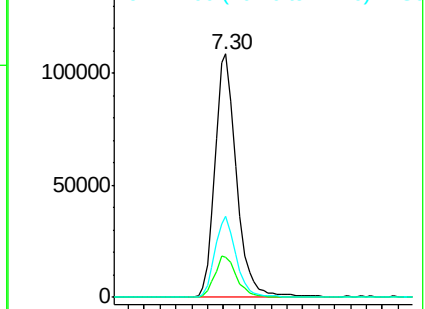
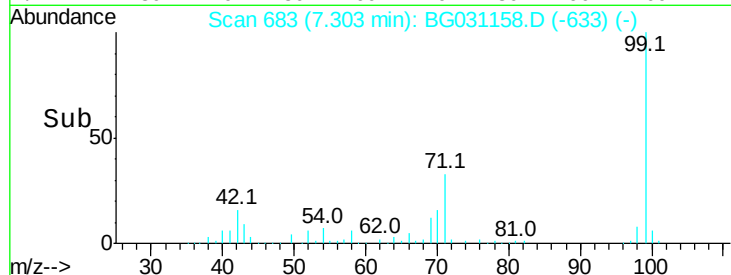


Abundance

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

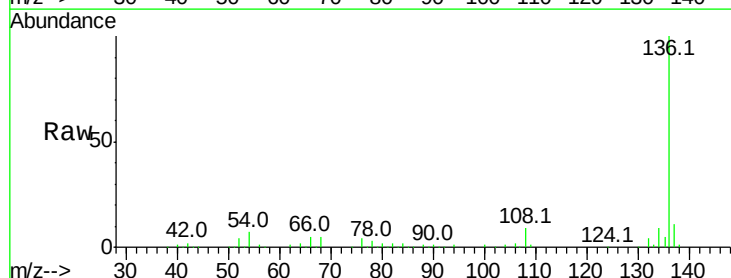
Delta R.T. -0.01 min

Lab File: BG031158.D

Acq: 21 Nov 2017 18:35

Tgt Ion: 136 Resp: 242248

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	6.8	10.3	15.5
68	4.8	4.5	6.7



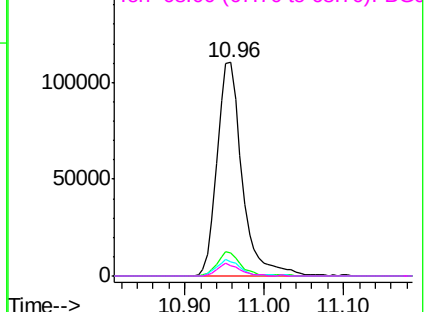
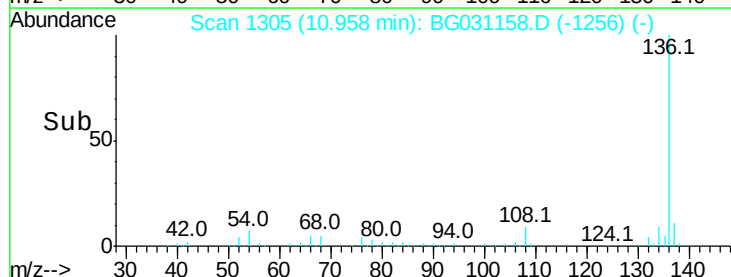
Abundance

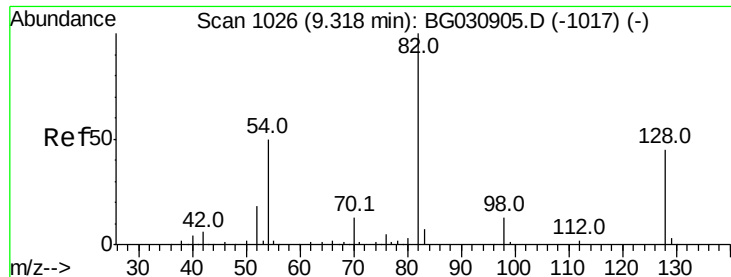
Ion 136.00 (135.70 to 136.70): BGC

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

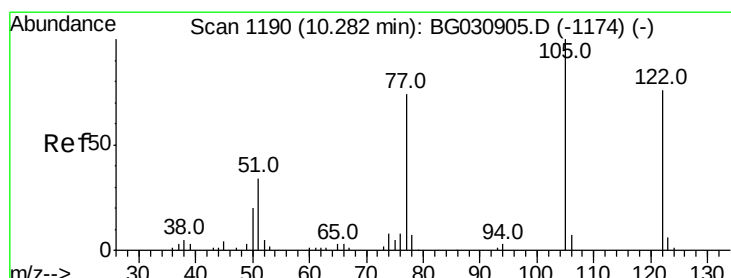
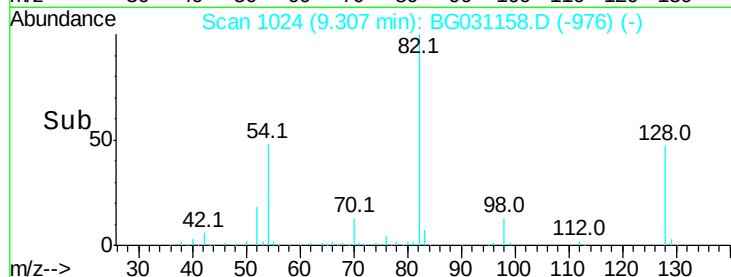
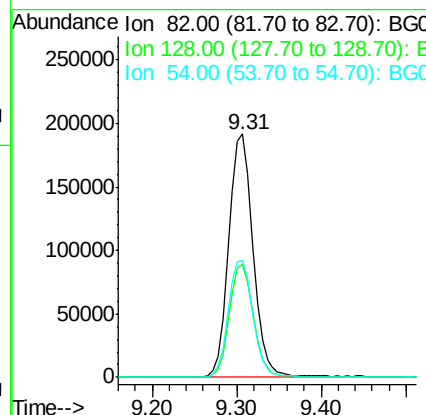
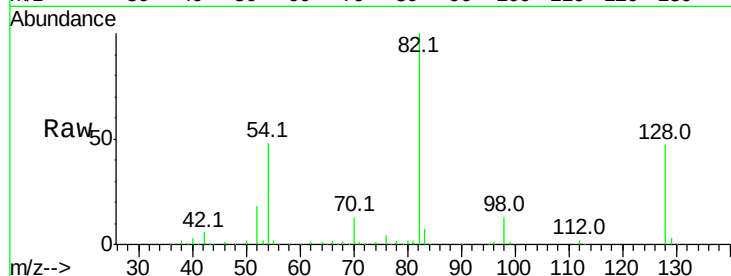




#23
Nitrobenzene-d5
Concen: 93.201 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG031158.D
Acq: 21 Nov 2017 18:35

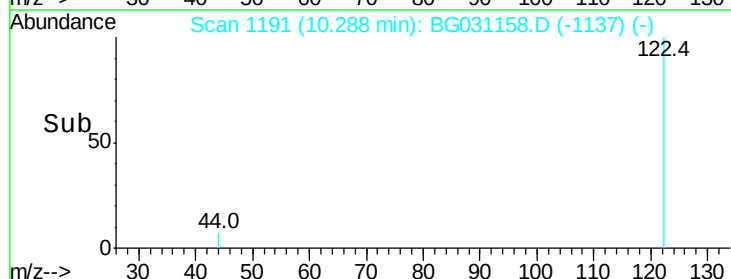
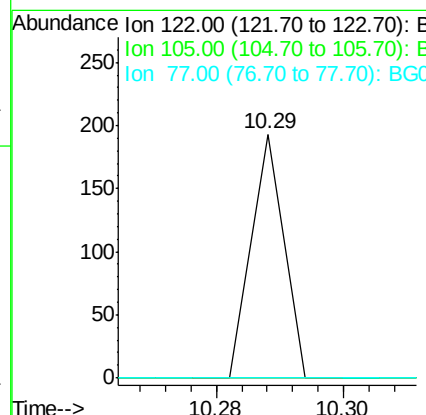
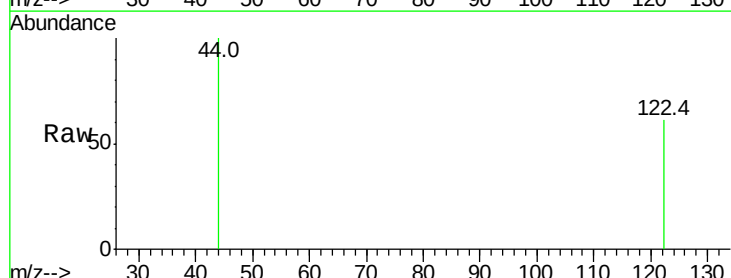
Instrument :
BNA_G
ClientSampleId :

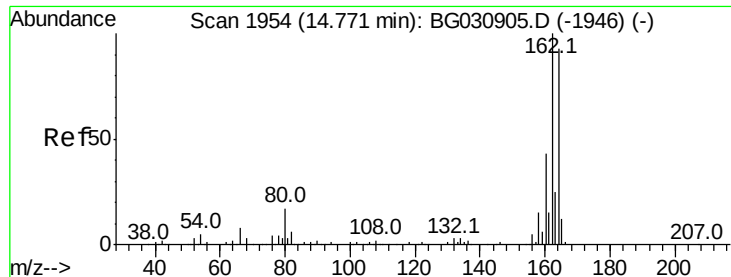
Tot Ion: 82 Resp: 381019
Ion Ratio Lower Upper
82 100
128 46.6 29.7 44.5#
54 48.2 43.1 64.7



#32
Benzoic acid
Concen: 5.684 ng
RT: 10.29 min Scan# 1191
Delta R.T. 0.02 min
Lab File: BG031158.D
Acq: 21 Nov 2017 18:35

Tgt Ion: 122 Resp: 68
Ion Ratio Lower Upper
122 100
105 0.0 123.5 163.5#
77 0.0 85.7 125.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.02 min

Lab File: BG031158.D

Acq: 21 Nov 2017 18:35

Instrument :

BNA_G

ClientSampleId :

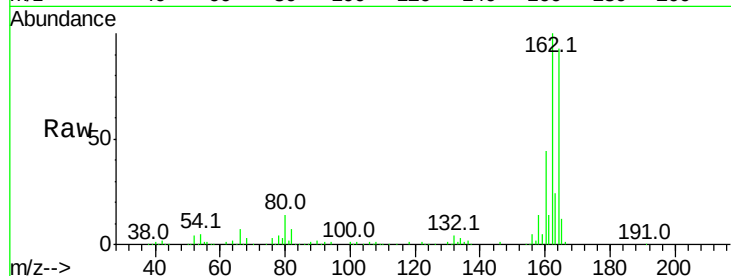
Tot Ion:164 Resp: 162528

Ion Ratio Lower Upper

164 100

162 107.4 78.8 118.2

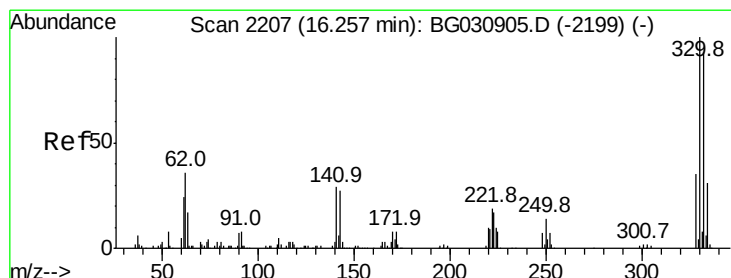
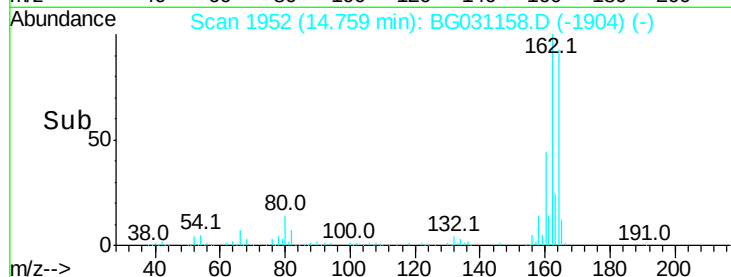
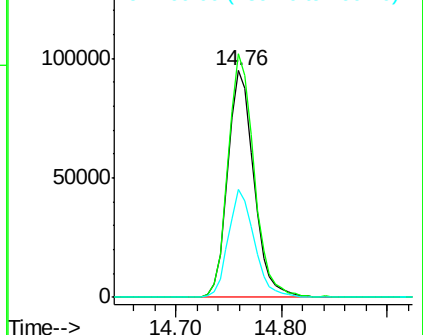
160 47.4 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 120.503 ng

RT: 16.25 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG031158.D

Acq: 21 Nov 2017 18:35

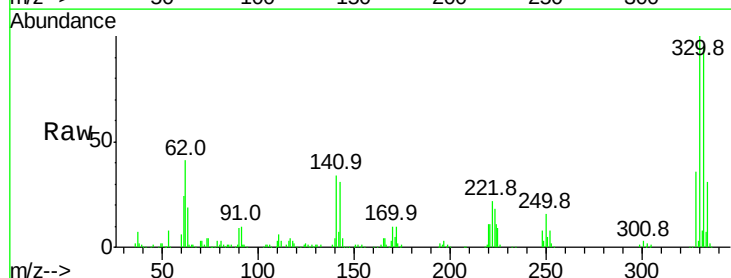
Tgt Ion:330 Resp: 316824

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.6

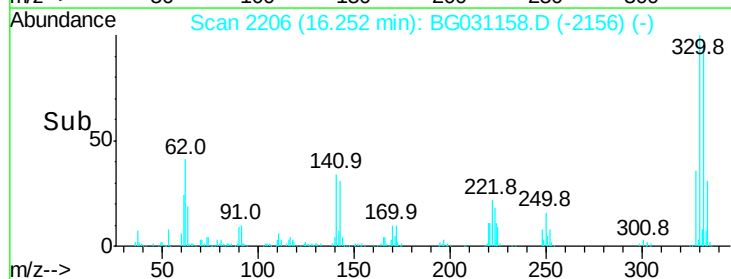
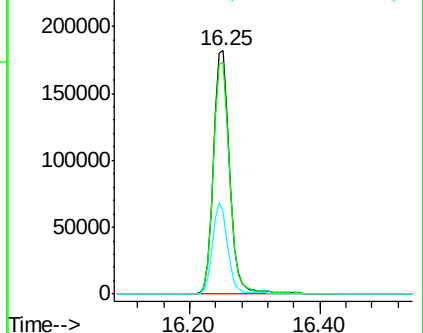
141 35.5 25.2 37.8

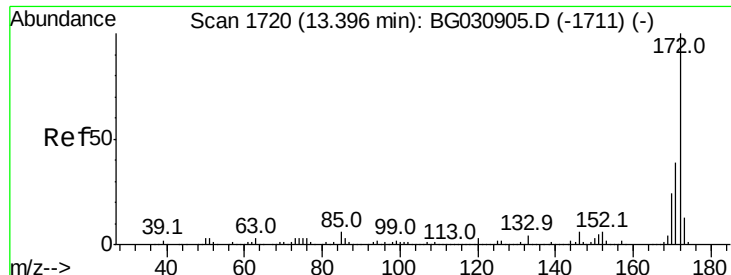


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



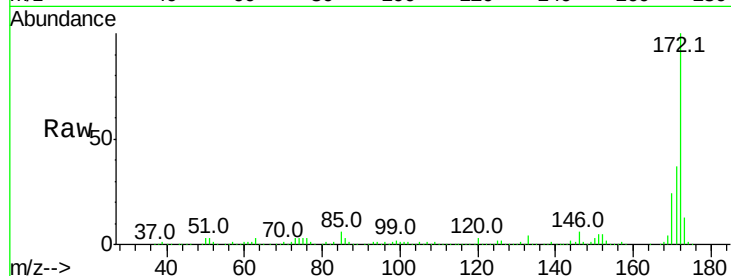


#44
 2-Fluorobiphenyl
 Concen: 99.277 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031158.D
 Acq: 21 Nov 2017 18:35

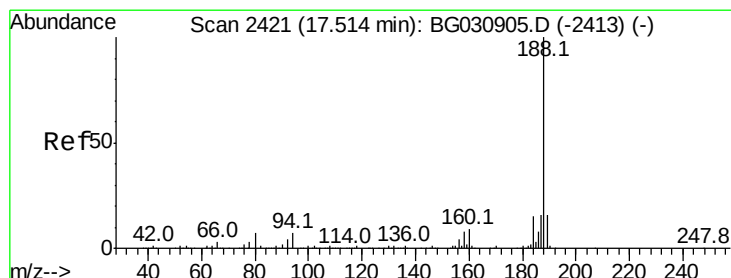
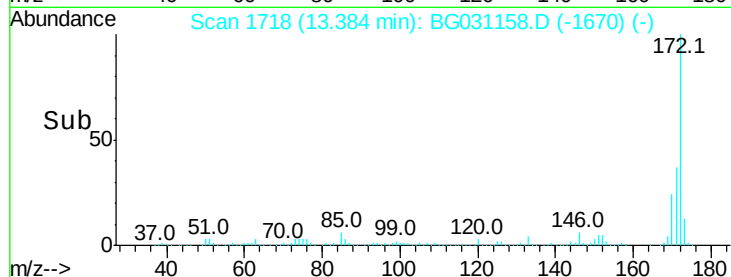
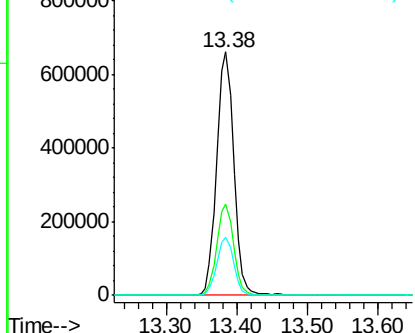
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1122934

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	23.8	19.5	29.3



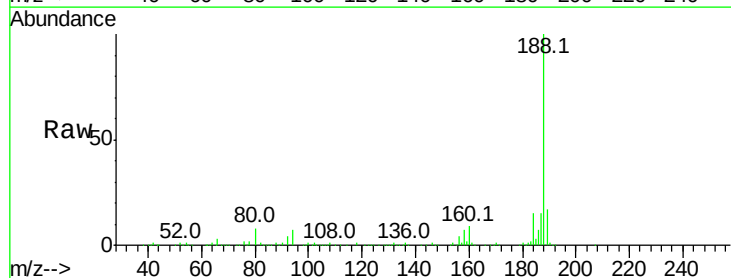
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



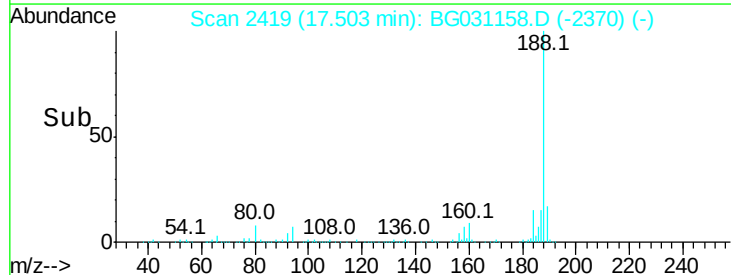
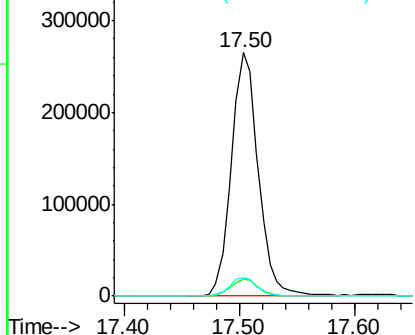
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG031158.D
 Acq: 21 Nov 2017 18:35

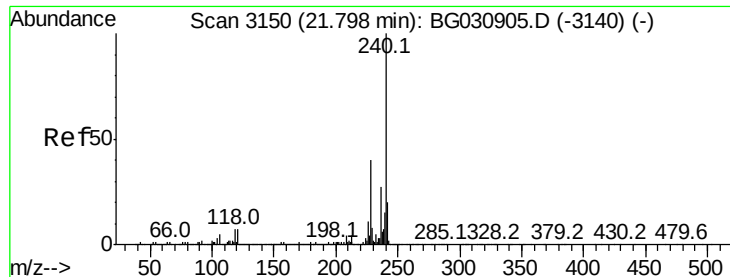
Tgt Ion:188 Resp: 429156

Ion	Ratio	Lower	Upper
188	100		
94	7.1	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): BG0
 Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG031158.D

Acq: 21 Nov 2017 18:35

Instrument :

BNA_G

ClientSampleId :

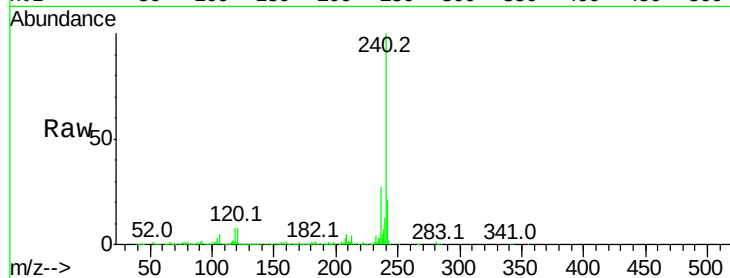
Tot Ion:240 Resp: 536478

Ion Ratio Lower Upper

240 100

120 7.8 6.8 10.2

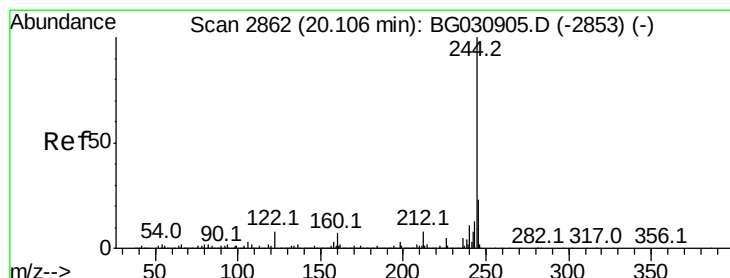
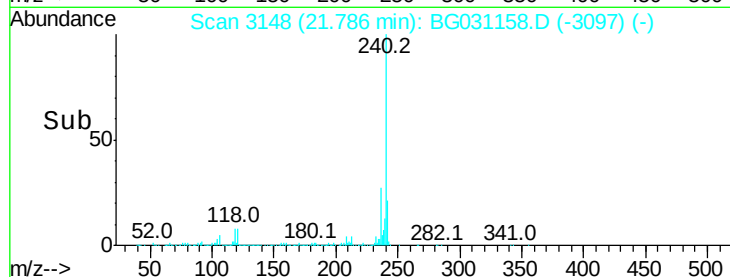
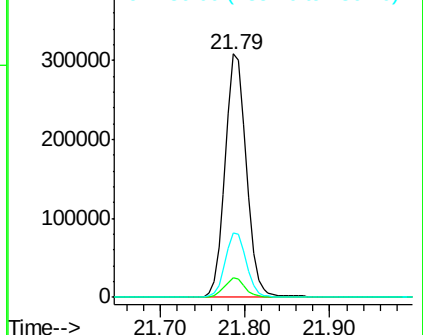
236 26.7 20.9 31.3



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: 83.253 ng

RT: 20.10 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BG031158.D

Acq: 21 Nov 2017 18:35

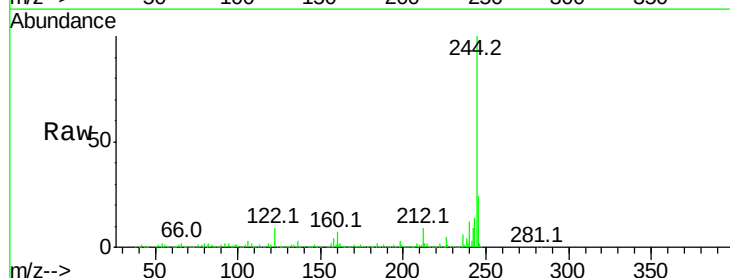
Tgt Ion:244 Resp: 2022724

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

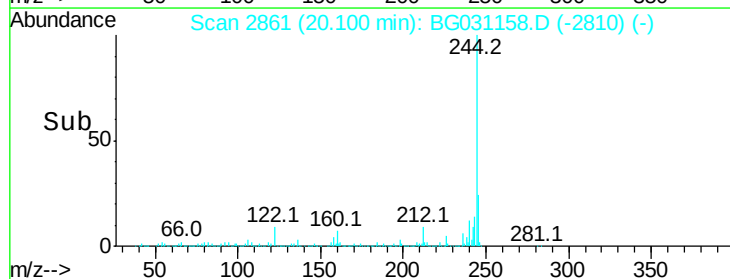
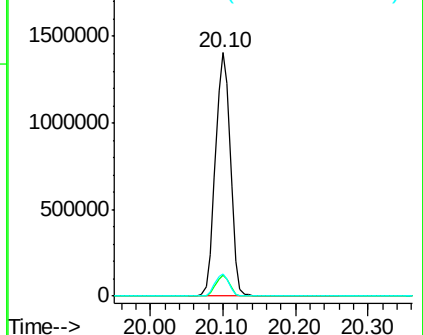
122 9.3 7.0 10.4

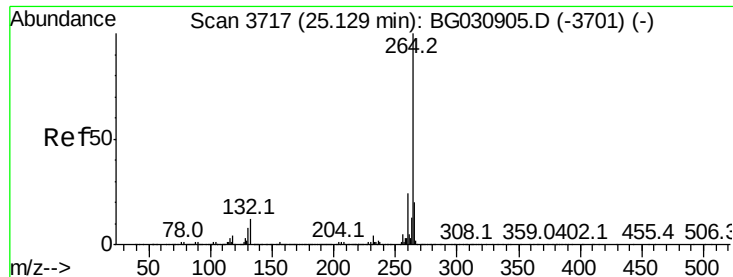


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3715
Delta R.T. 0.03 min
Lab File: BG031158.D
Acq: 21 Nov 2017 18:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	22.8	17.7	26.5

