

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120817\
 Data File : BG031434.D
 Acq On : 9 Dec 2017 00:58
 Operator : SJ/JU
 Sample : I6725-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 09 03:01:29 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

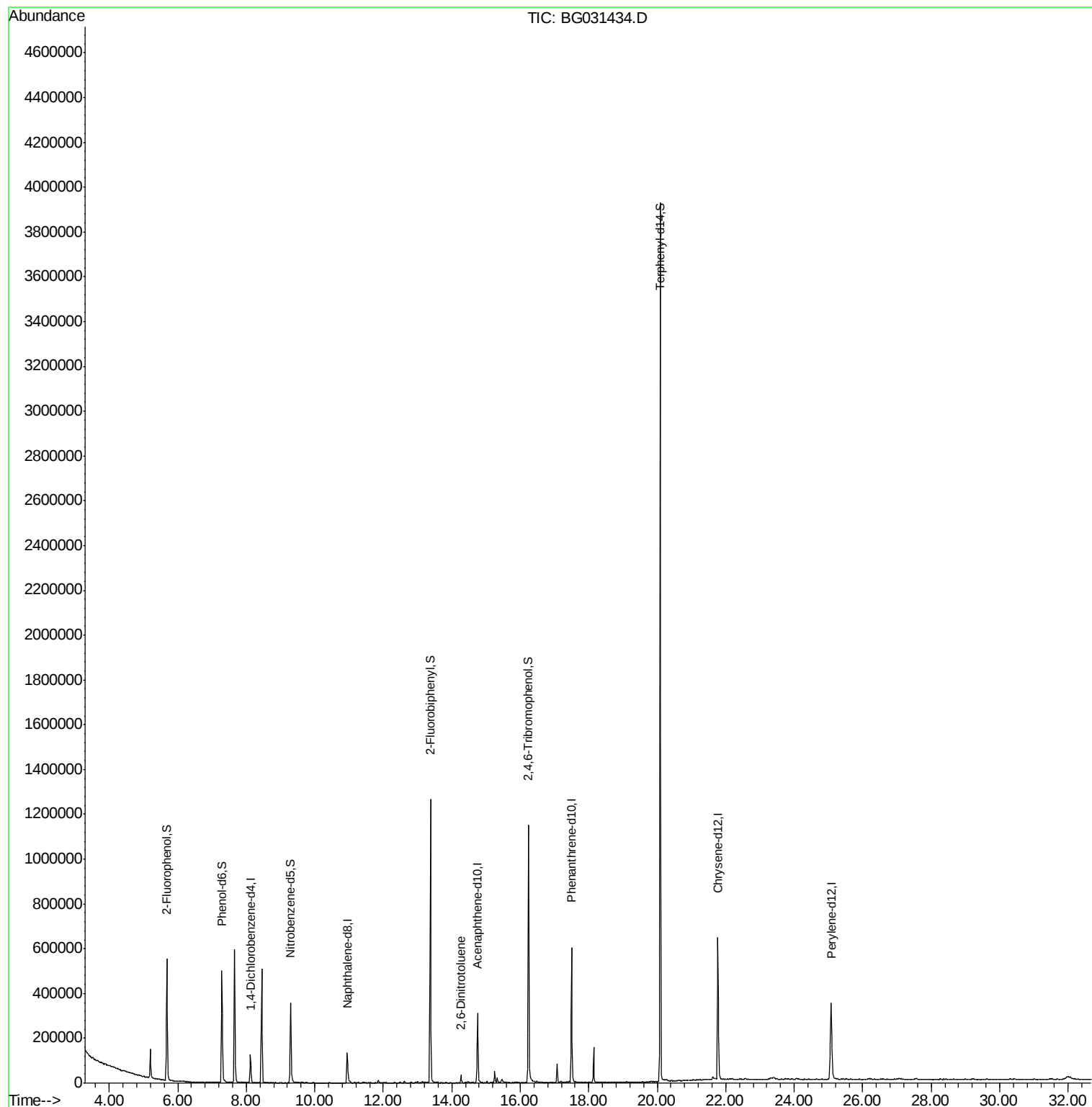
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	36747	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	157067	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	117331	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	381119	20.00	ng	0.00
75) Chrysene-d12	21.77	240	450184	20.00	ng	0.00
86) Perylene-d12	25.08	264	427691	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	253753	118.41	ng	0.00
7) Phenol-d6	7.29	99	322553	111.72	ng	0.00
23) Nitrobenzene-d5	9.29	82	254834	96.14	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	227124	119.66	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	739265	90.53	ng	0.00
78) Terphenyl-d14	20.09	244	1862963	91.38	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	14.27	165	5766	2.758	ng	Qvalue # 18

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

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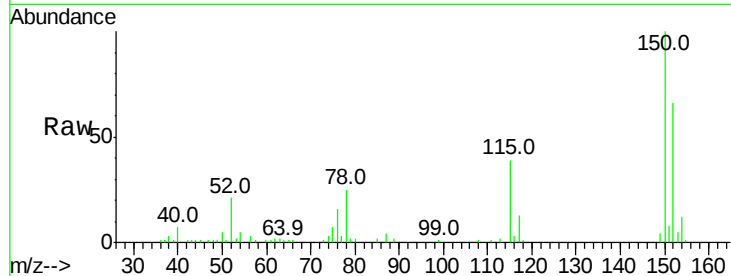


#1

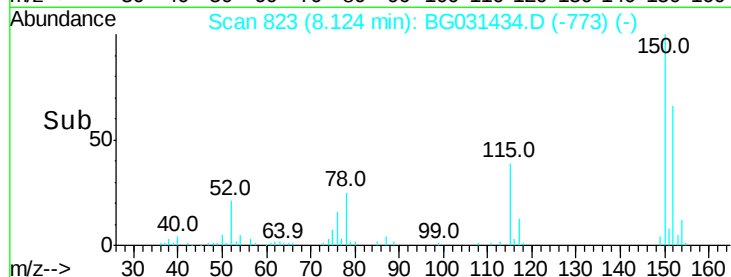
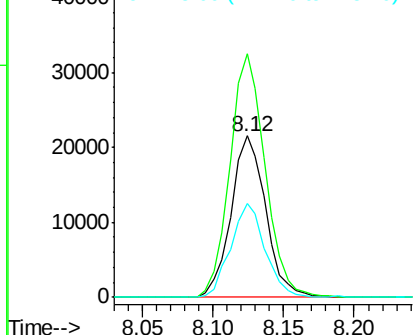
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG031434.D
Acq: 9 Dec 2017 00:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 36747
Ion Ratio Lower Upper
152 100
150 150.7 126.6 189.8
115 58.5 53.0 79.4



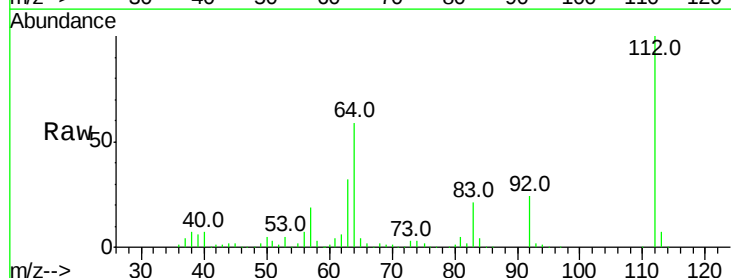
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



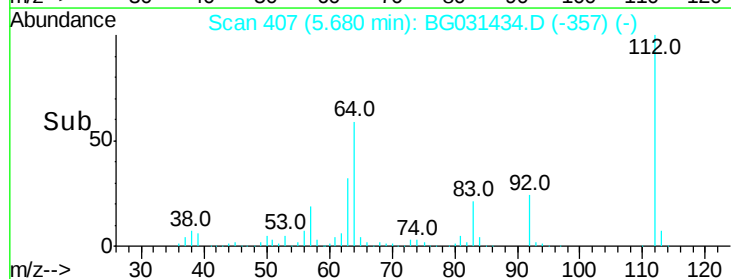
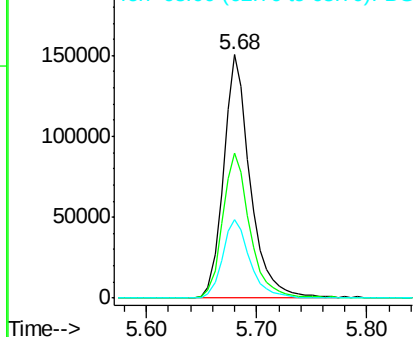
#5

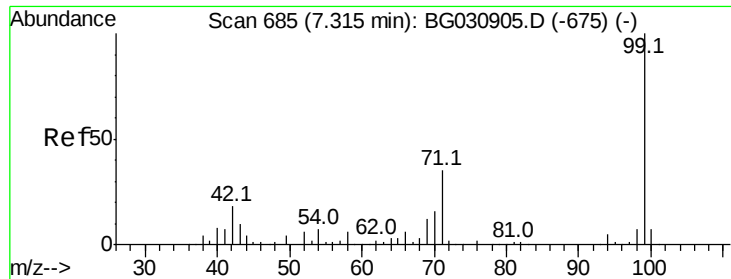
2-Fluorophenol
Concen: 118.411 ng
RT: 5.68 min Scan# 407
Delta R.T. -0.00 min
Lab File: BG031434.D
Acq: 9 Dec 2017 00:58

Tgt Ion:112 Resp: 253753
Ion Ratio Lower Upper
112 100
64 59.4 56.3 84.5
63 32.0 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: 111.724 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG031434.D

Acq: 9 Dec 2017 00:58

Instrument :

BNA_G

ClientSampleId :

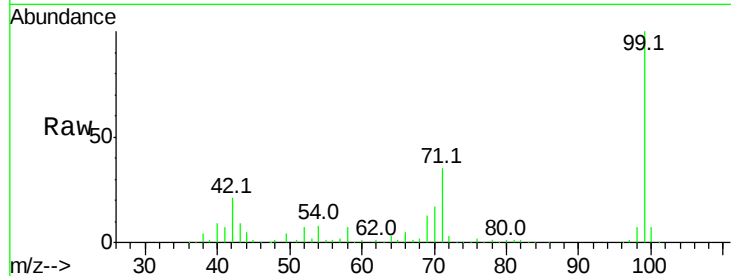
Tot Ion: 99 Resp: 322553

Ion Ratio Lower Upper

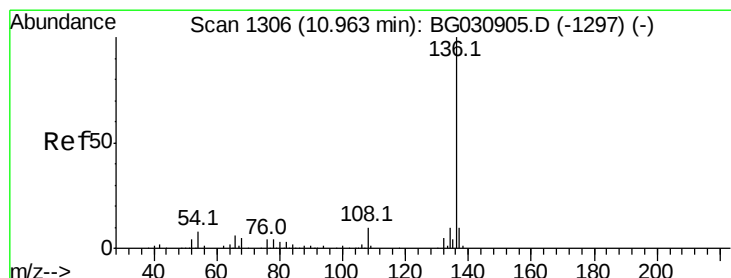
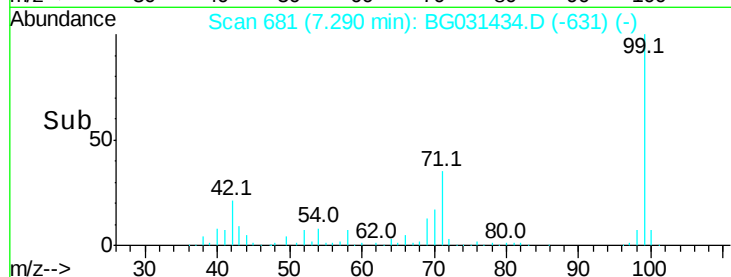
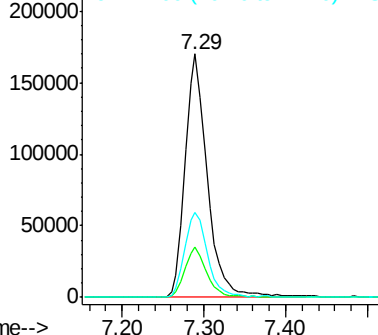
99 100

42 20.7 14.1 21.1

71 34.9 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# 1304

Delta R.T. 0.01 min

Lab File: BG031434.D

Acq: 9 Dec 2017 00:58

Tgt Ion:136 Resp: 157067

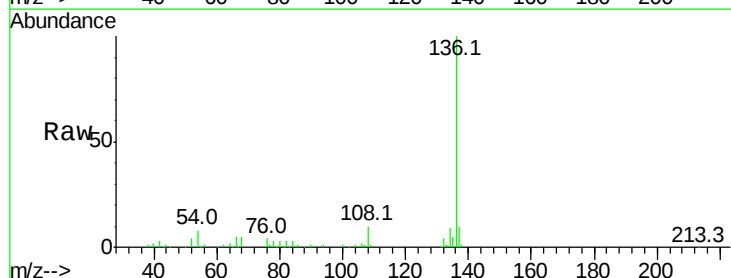
Ion Ratio Lower Upper

136 100

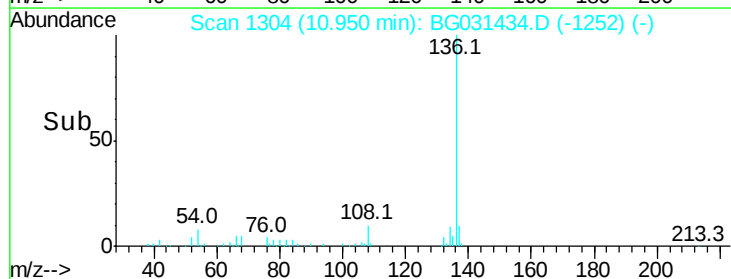
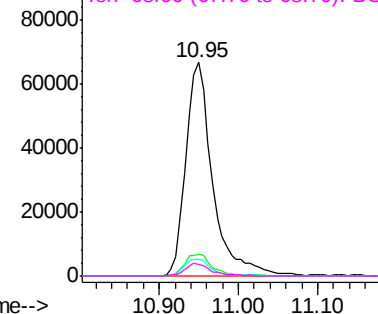
137 10.2 9.2 13.8

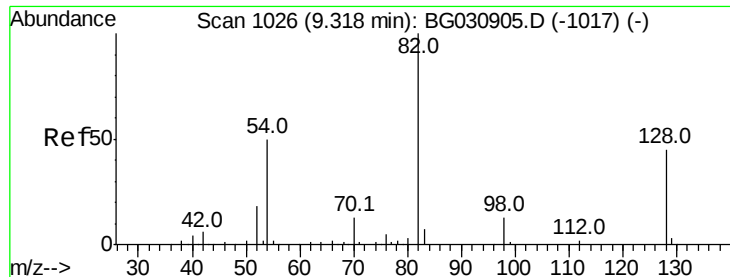
54 7.5 10.3 15.5#

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

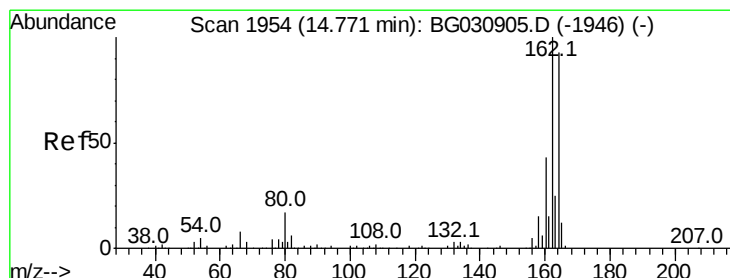
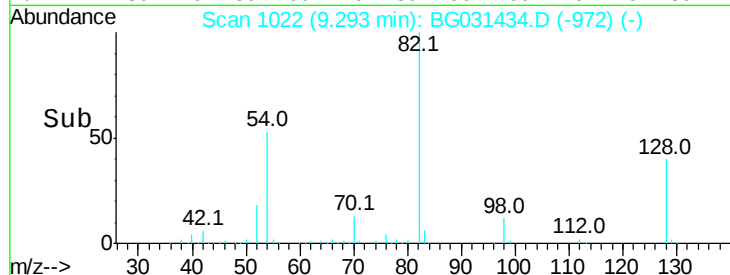
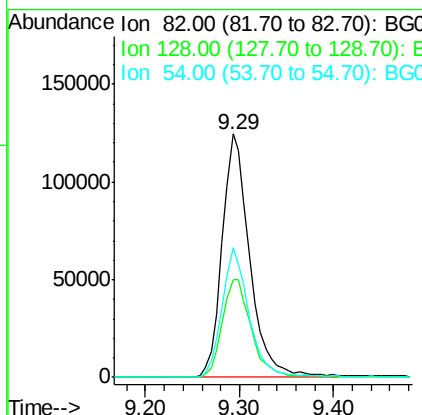
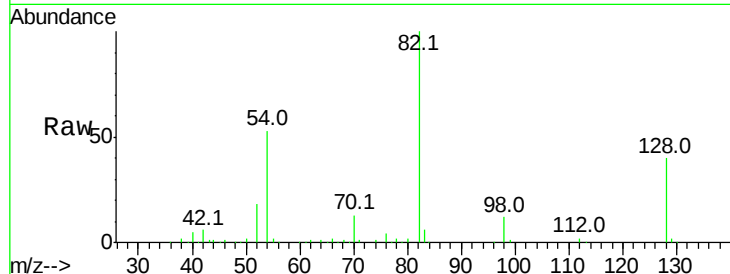




#23
Nitrobenzene-d5
Concen: 96.141 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG031434.D
Acq: 9 Dec 2017 00:58

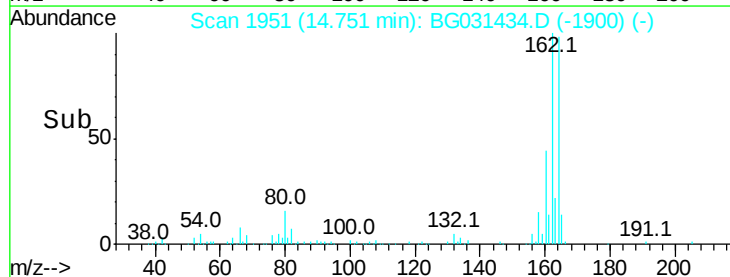
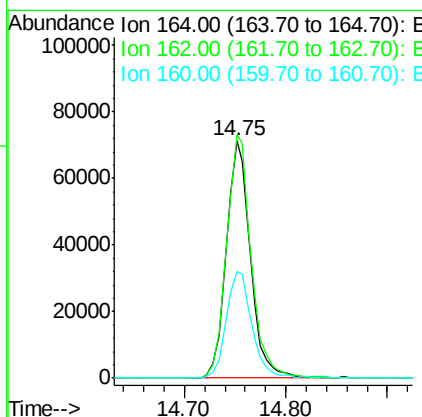
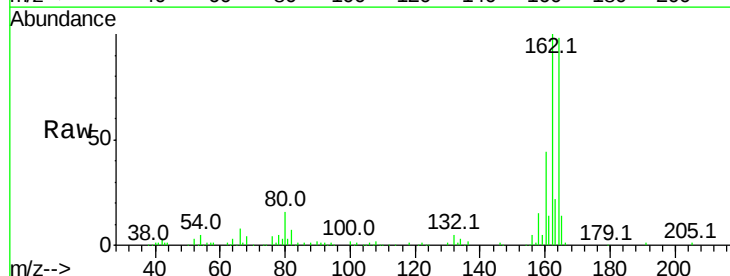
Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	254834
Ion Ratio	100	Lower	Upper
128	40.4	29.7	44.5
54	53.1	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG031434.D
Acq: 9 Dec 2017 00:58

Tgt Ion	164	Resp	117331
Ion Ratio	100	Lower	Upper
162	102.4	78.8	118.2
160	44.8	35.4	53.0

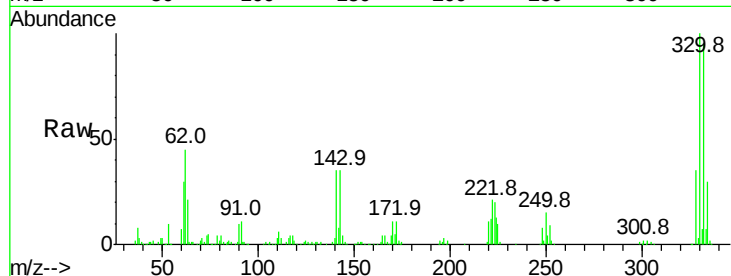




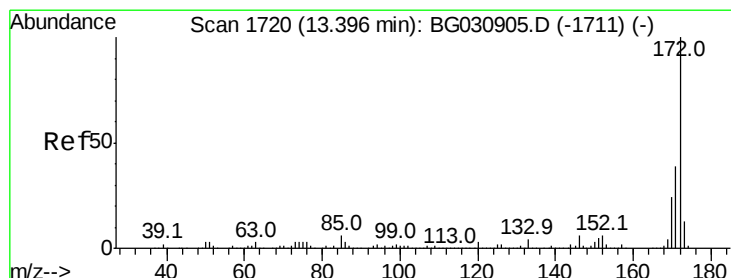
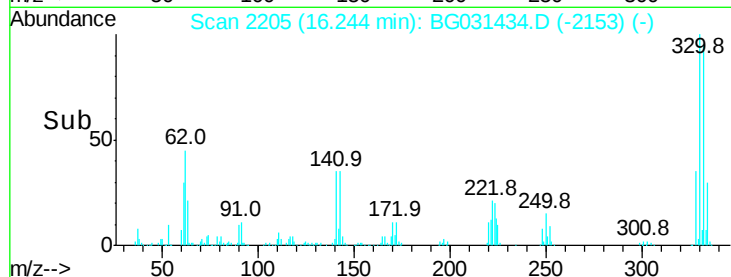
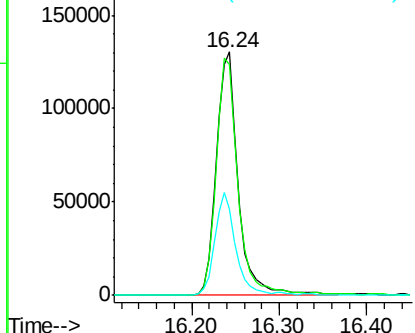
#41
 2,4,6-Tribromophenol
 Concen: 119.663 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. 0.01 min
 Lab File: BG031434.D
 Acq: 9 Dec 2017 00:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	40.1	25.2	37.8#

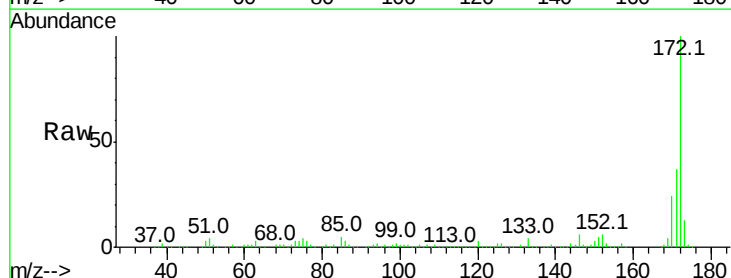


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

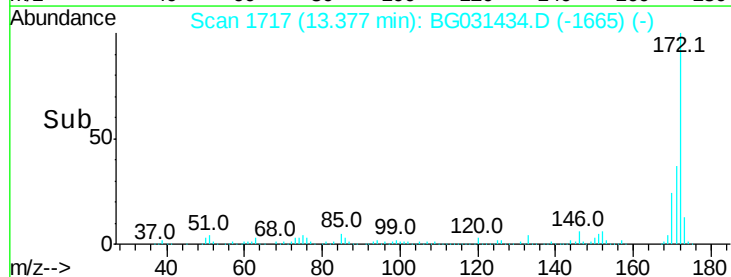
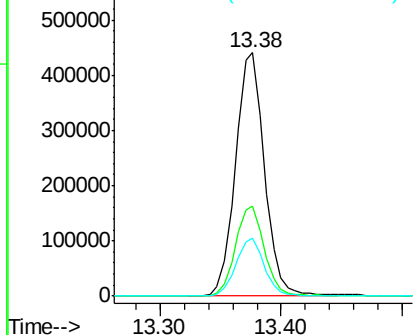


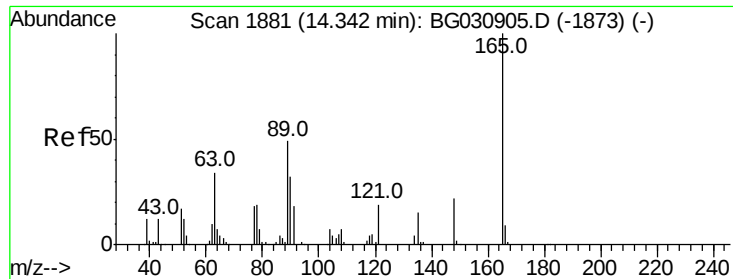
#44
 2-Fluorobiphenyl
 Concen: 90.534 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG031434.D
 Acq: 9 Dec 2017 00:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	23.6	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

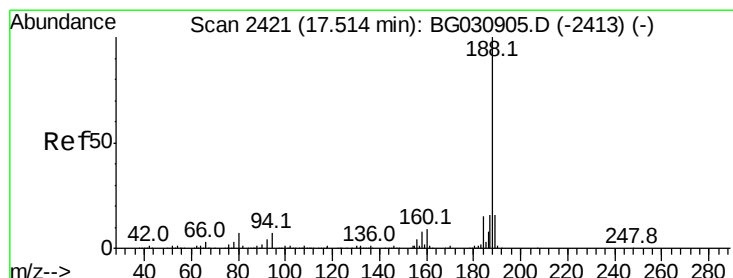
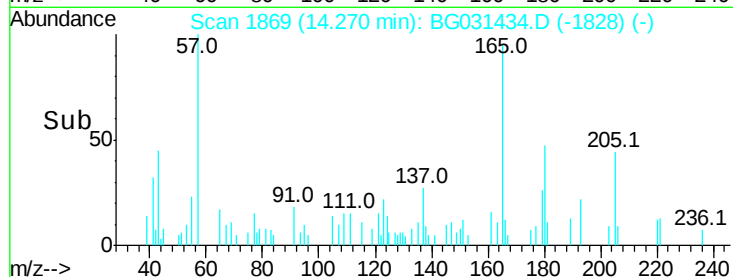
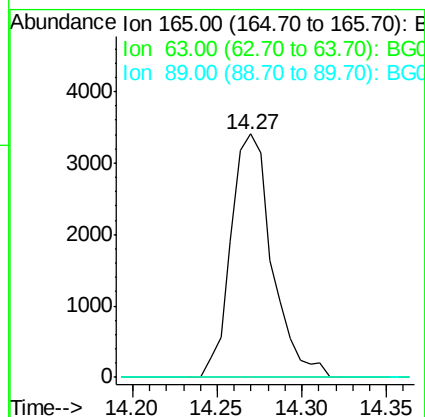
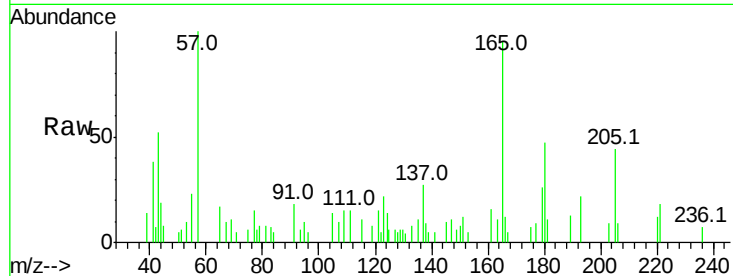




#50
 2,6-Dinitrotoluene
 Concen: 2.758 ng
 RT: 14.27 min Scan# 1869
 Delta R.T. -0.06 min
 Lab File: BG031434.D
 Acq: 9 Dec 2017 00:58

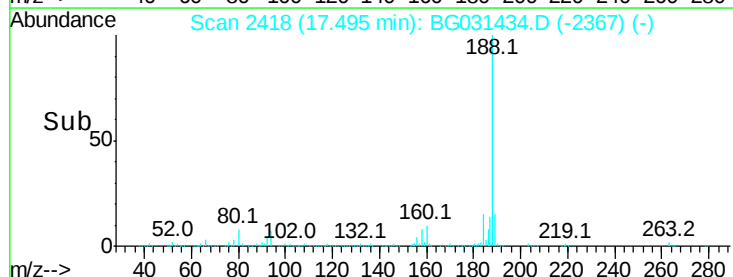
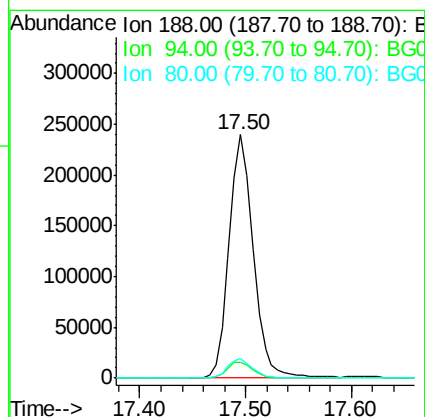
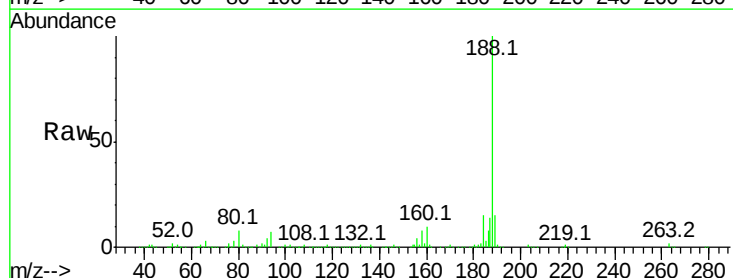
Instrument :
 BNA_G
 ClientSampleId :

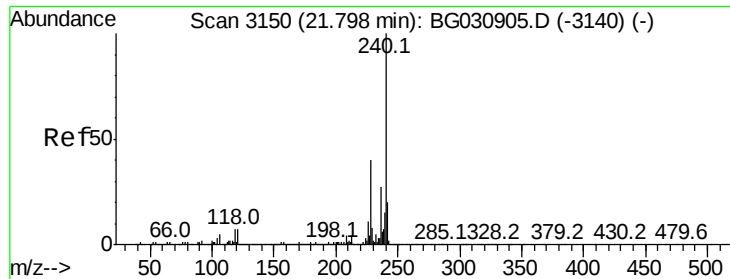
Tot Ion:165 Resp: 5766
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2418
 Delta R.T. 0.00 min
 Lab File: BG031434.D
 Acq: 9 Dec 2017 00:58

Tgt Ion:188 Resp: 381119
 Ion Ratio Lower Upper
 188 100
 94 6.7 6.9 10.3#
 80 8.0 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. 0.00 min

Lab File: BG031434.D

Acq: 9 Dec 2017 00:58

Instrument :

BNA_G

ClientSampleId :

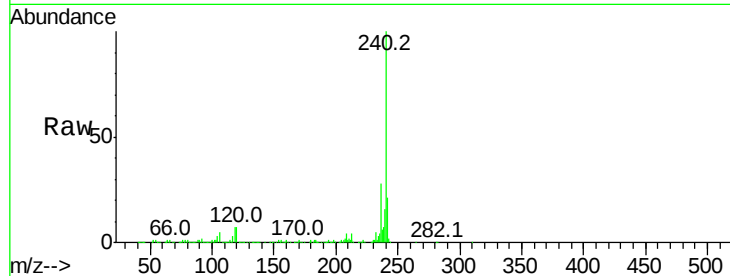
Tot Ion:240 Resp: 450184

Ion Ratio Lower Upper

240 100

120 7.5 6.8 10.2

236 28.0 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

21.77

250000

200000

150000

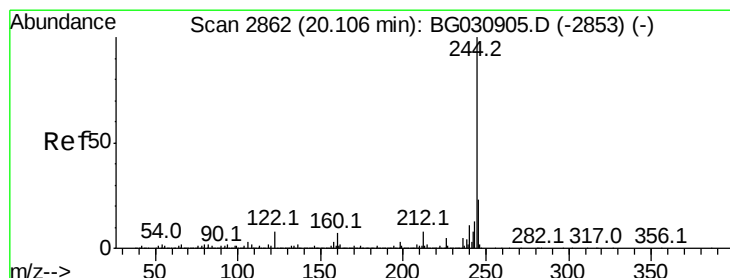
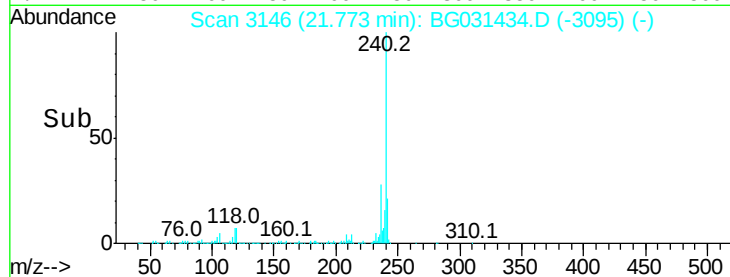
100000

50000

0

21.70 21.80 21.90

Time-->



#78

Terphenyl-d14

Concen: 91.376 ng

RT: 20.09 min Scan# 2859

Delta R.T. 0.00 min

Lab File: BG031434.D

Acq: 9 Dec 2017 00:58

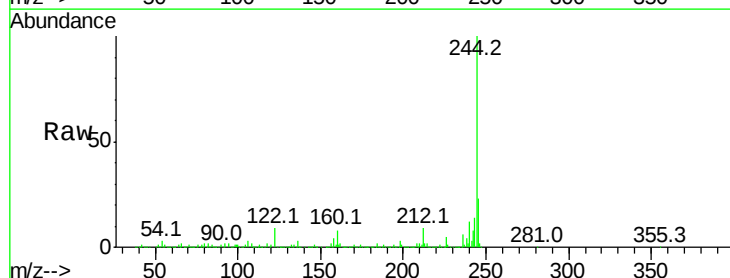
Tgt Ion:244 Resp: 1862963

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

122 8.6 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

20.09

1500000

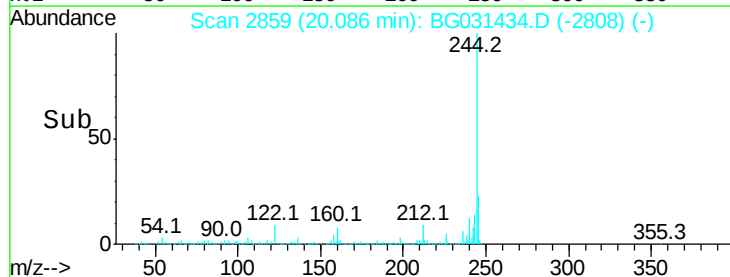
1000000

500000

0

20.00 20.10 20.20

Time-->

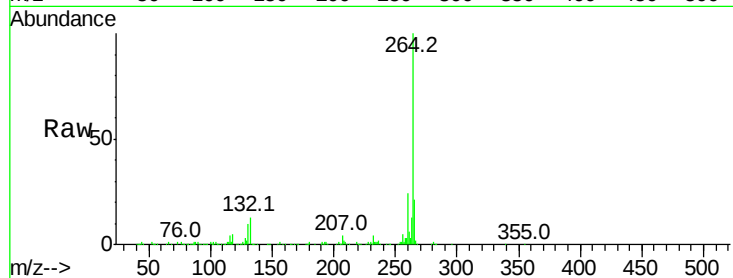




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. 0.01 min
Lab File: BG031434.D
Acq: 9 Dec 2017 00:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	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

