

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
 Data File : BG031215.D
 Acq On : 23 Nov 2017 8:13
 Operator : SJ/JU
 Sample : I6310-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-112017-B

Quant Time: Nov 23 23:57:59 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

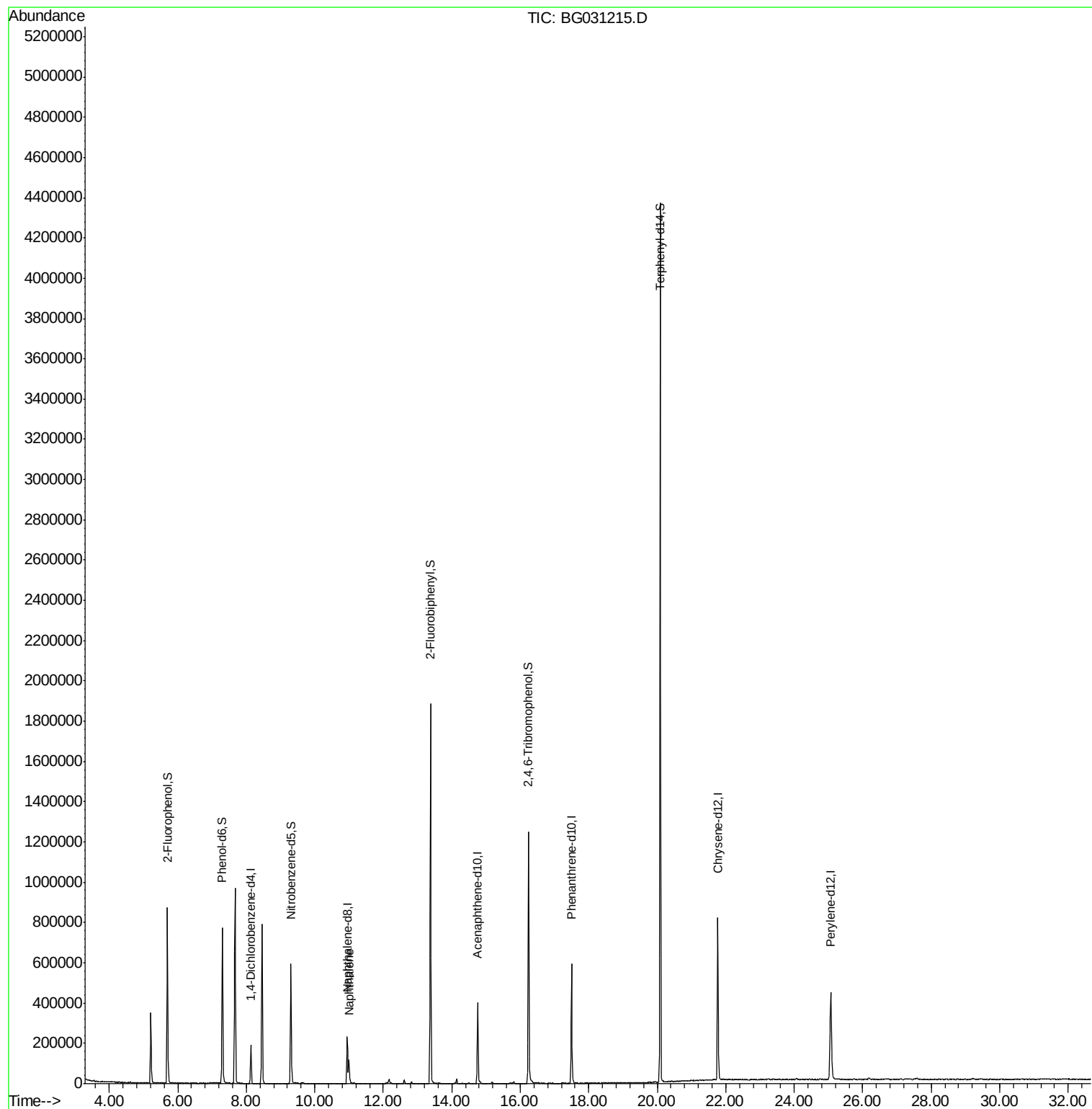
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	59132	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	248687	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	159420	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	412132	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	528977	20.00	ng	-0.02
86) Perylene-d12	25.07	264	518810	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	435562	126.31	ng	-0.01
7) Phenol-d6	7.30	99	515309	110.92	ng	0.00
23) Nitrobenzene-d5	9.30	82	400310	95.38	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	279586	108.41	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1088639	98.12	ng	-0.02
78) Terphenyl-d14	20.09	244	2154377	89.93	ng	-0.01
Target Compounds						
31) Naphthalene	11.00	128	111265	9.101	ng	Qvalue 99

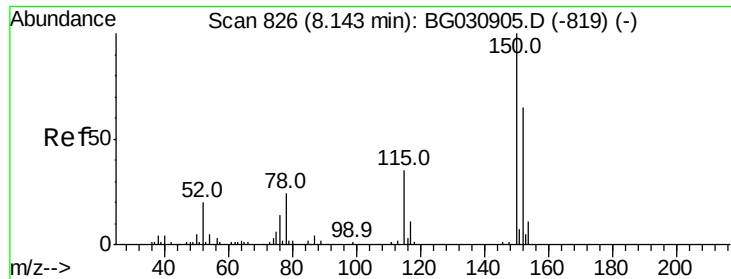
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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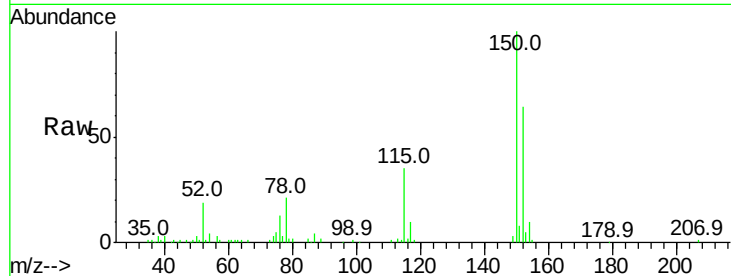


#1

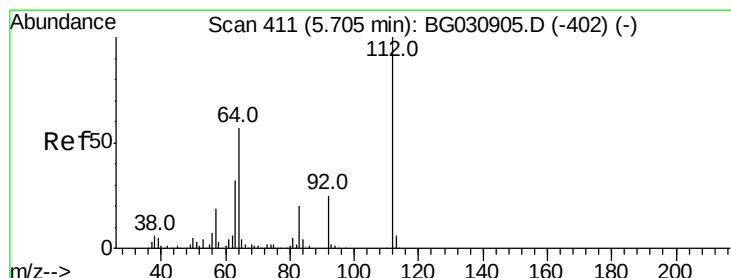
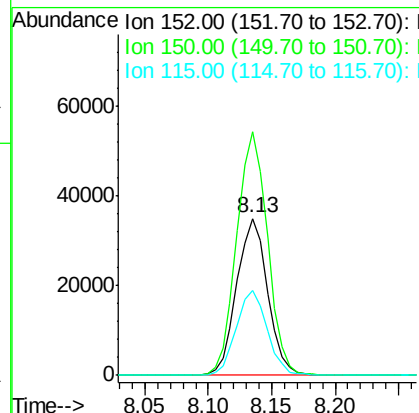
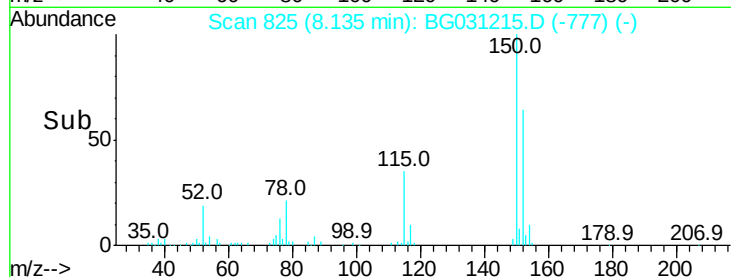
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG031215.D
Acq: 23 Nov 2017 8:13

Instrument :
BNA_G
ClientSampleId :
AU-05-112017-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.6	189.8
115	53.8	53.0	79.4



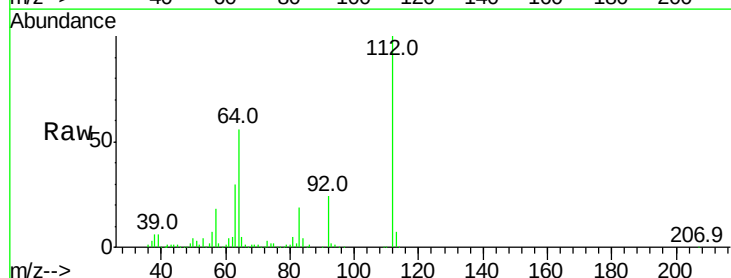
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



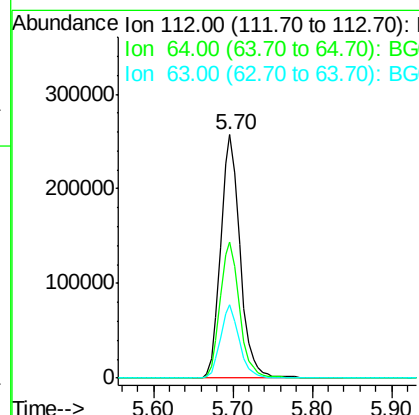
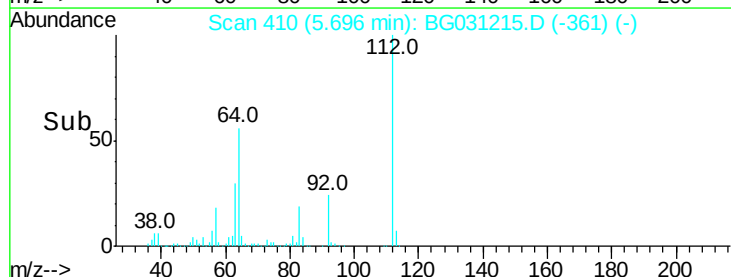
#5

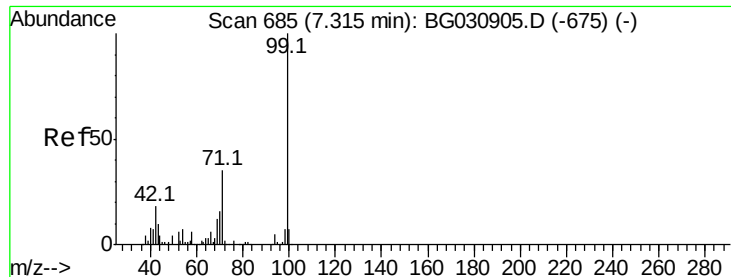
2-Fluorophenol
Concen: 126.308 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG031215.D
Acq: 23 Nov 2017 8:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	56.3	84.5#
63	30.0	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: 110.920 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG031215.D

Acq: 23 Nov 2017 8:13

Instrument :

BNA_G

ClientSampleId :

AU-05-112017-B

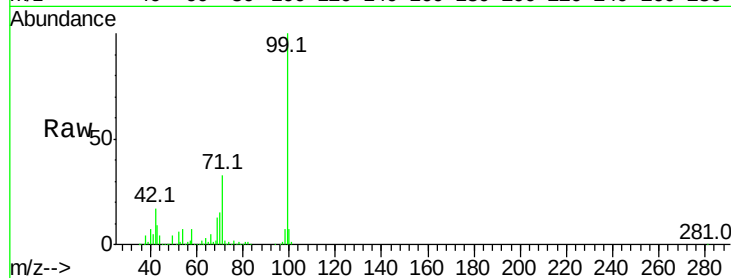
Tot Ion: 99 Resp: 515309

Ion Ratio Lower Upper

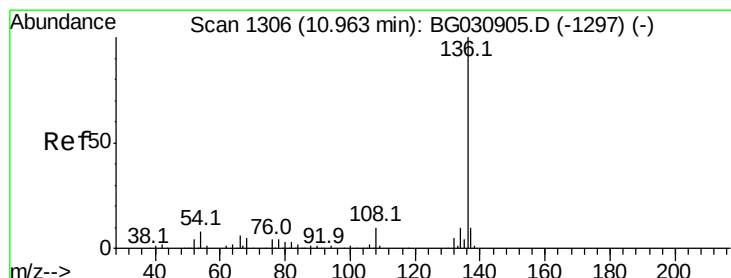
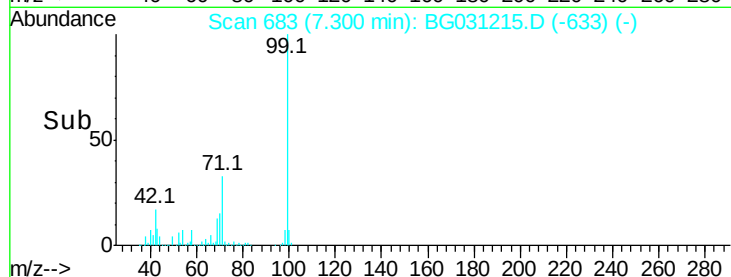
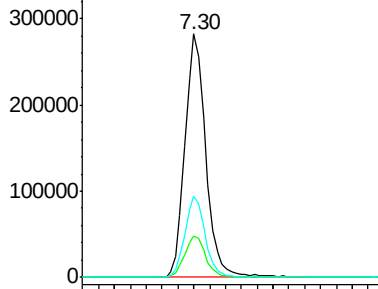
99 100

42 16.9 14.1 21.1

71 33.2 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. -0.02 min

Lab File: BG031215.D

Acq: 23 Nov 2017 8:13

Tgt Ion: 136 Resp: 248687

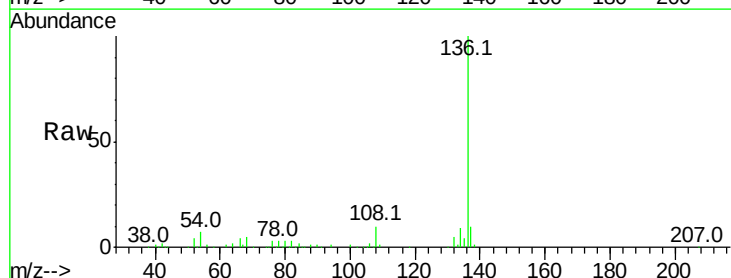
Ion Ratio Lower Upper

136 100

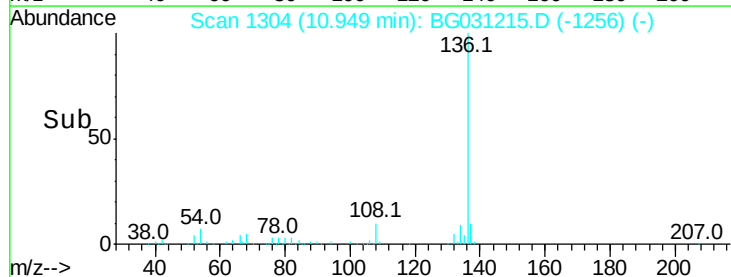
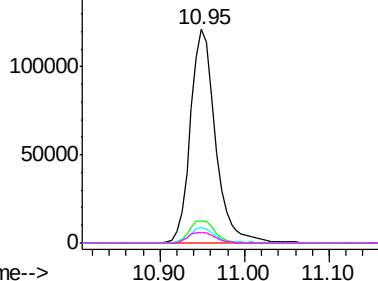
137 10.3 9.2 13.8

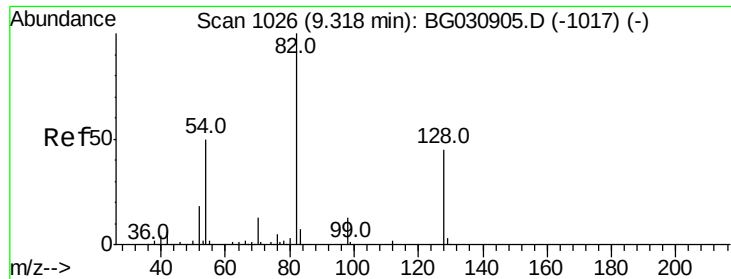
54 7.0 10.3 15.5#

68 4.6 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

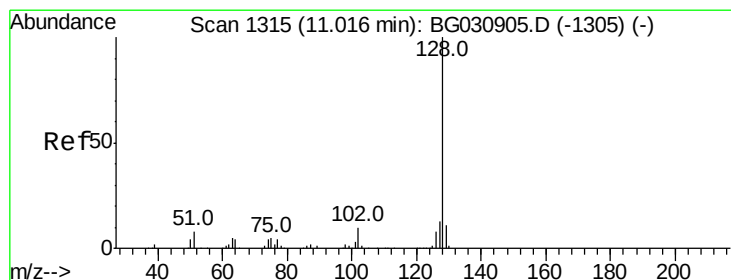
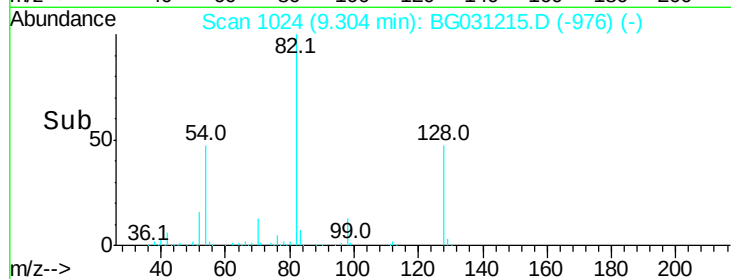
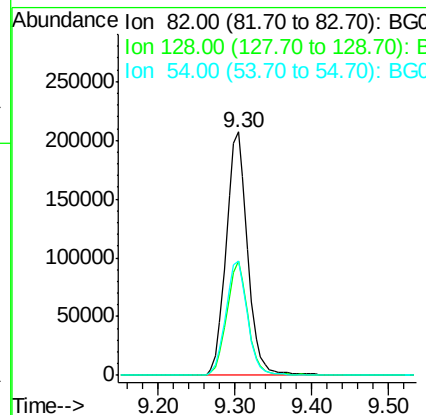
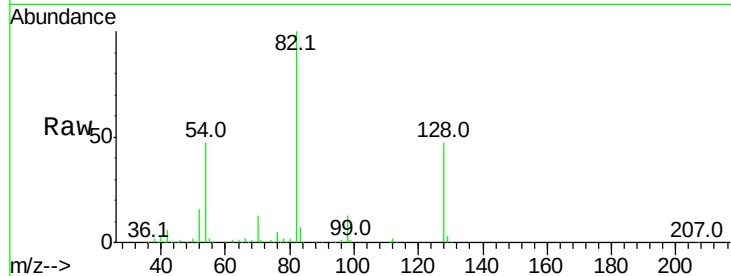




#23
 Nitrobenzene-d5
 Concen: 95.384 ng
 RT: 9.30 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG031215.D
 Acq: 23 Nov 2017 8:13

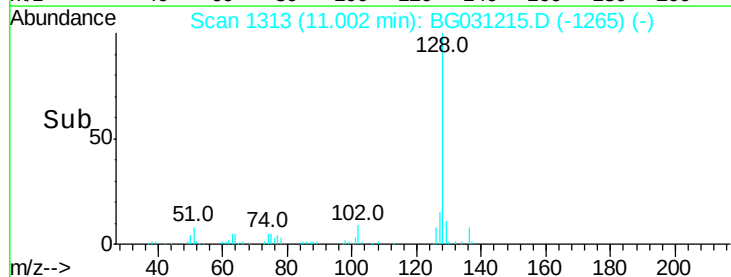
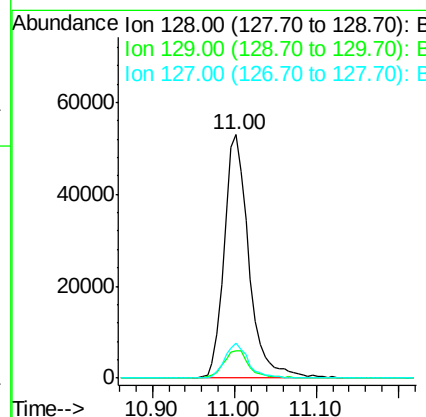
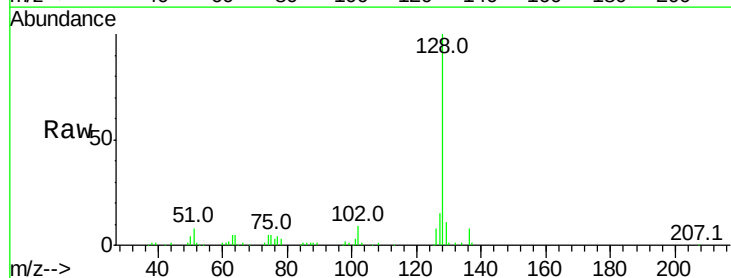
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-112017-B

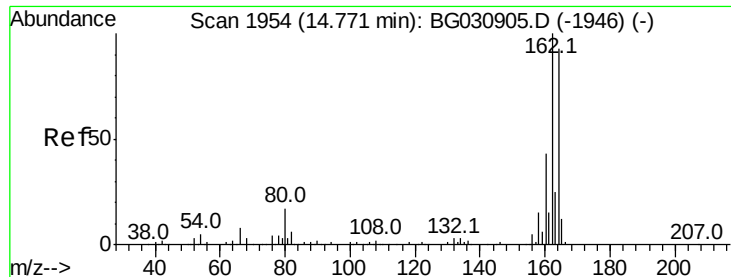
Tot Ion: 82 Resp: 400310
 Ion Ratio Lower Upper
 82 100
 128 46.9 29.7 44.5#
 54 47.1 43.1 64.7



#31
 Naphthalene
 Concen: 9.101 ng
 RT: 11.00 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: BG031215.D
 Acq: 23 Nov 2017 8:13

Tgt Ion: 128 Resp: 111265
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.6 12.8
 127 14.5 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.02 min

Lab File: BG031215.D

Acq: 23 Nov 2017 8:13

Instrument :

BNA_G

ClientSampleId :

AU-05-112017-B

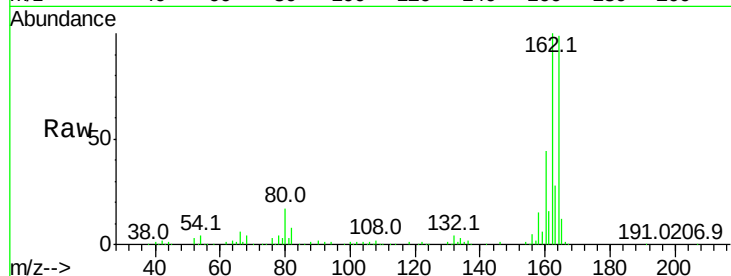
Tot Ion:164 Resp: 159420

Ion Ratio Lower Upper

164 100

162 100.6 78.8 118.2

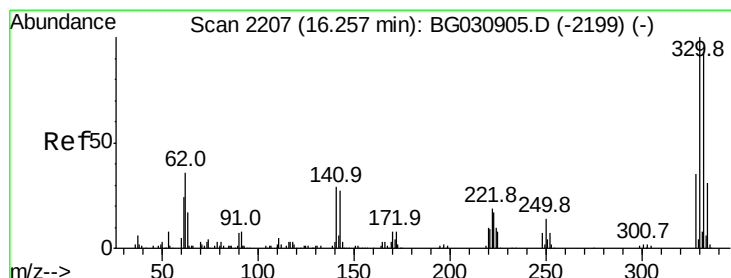
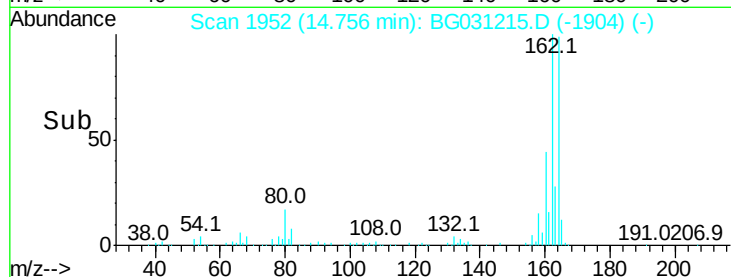
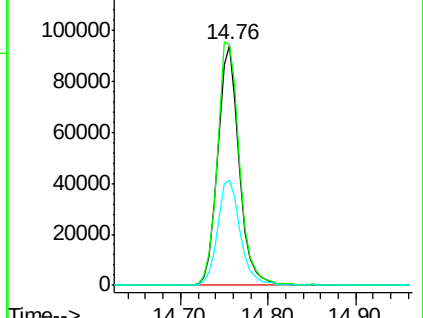
160 44.1 35.4 53.0



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: 108.413 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031215.D

Acq: 23 Nov 2017 8:13

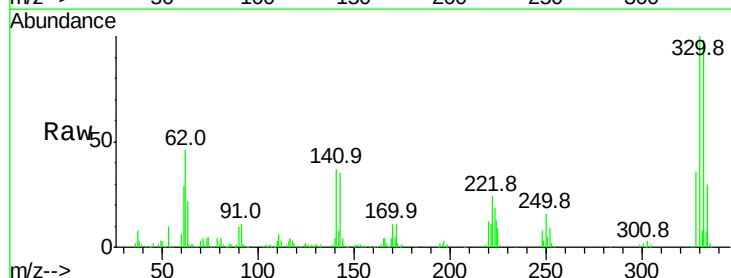
Tgt Ion:330 Resp: 279586

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

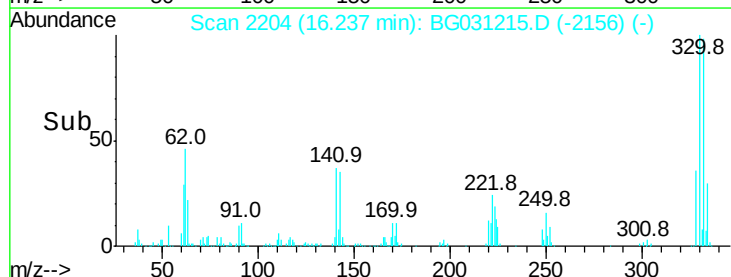
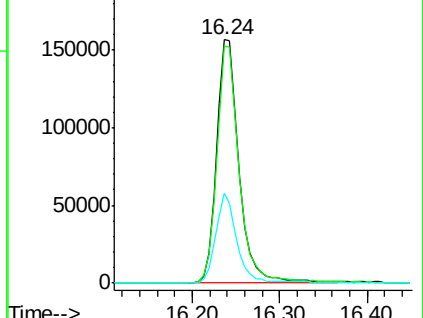
141 34.9 25.2 37.8

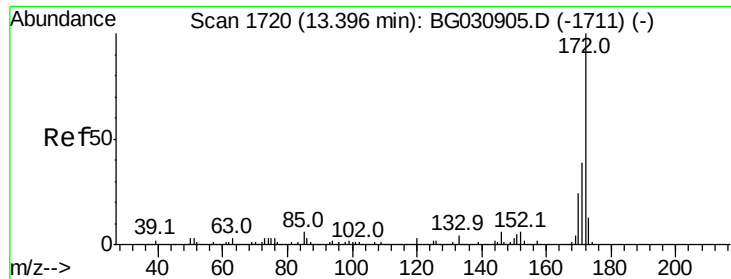


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



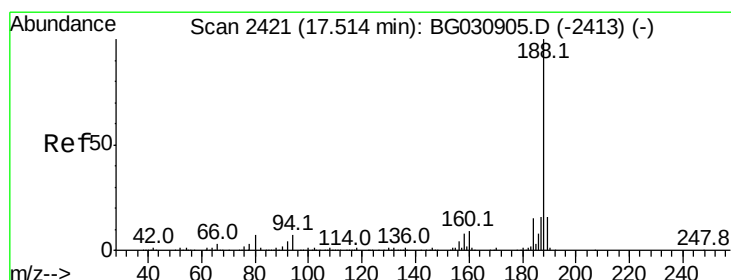
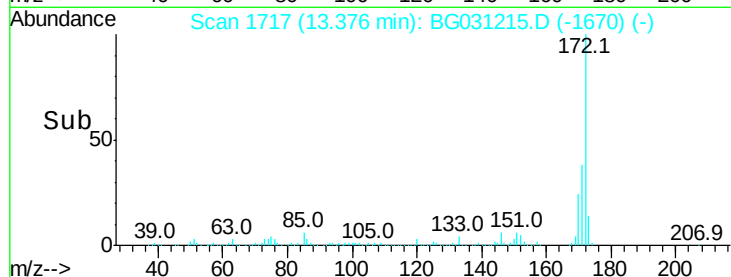
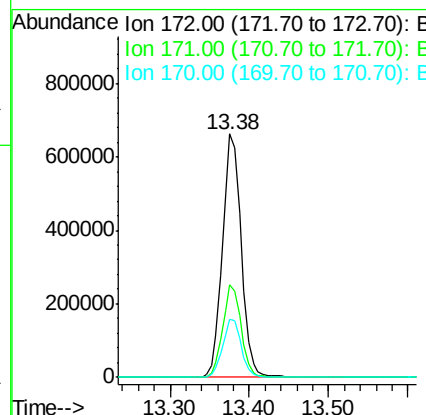
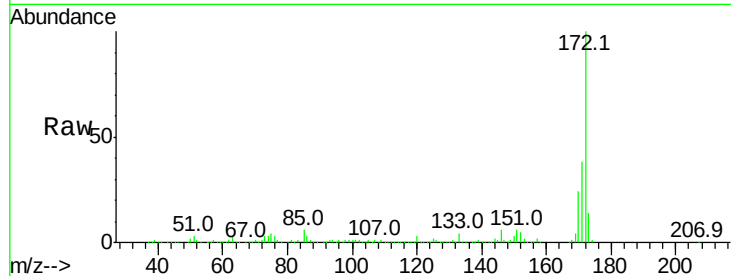


#44
 2-Fluorobiphenyl
 Concen: 98.122 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031215.D
 Acq: 23 Nov 2017 8:13

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-112017-B

Tot Ion:172 Resp: 1088639

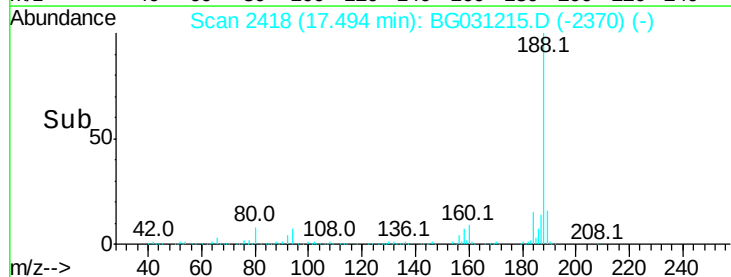
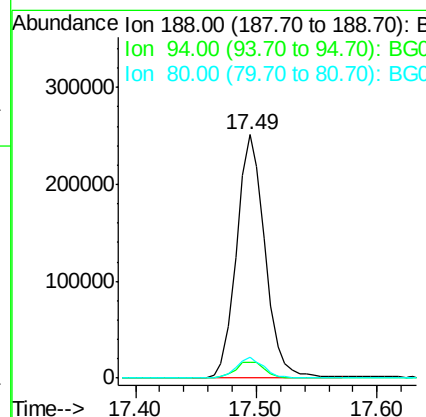
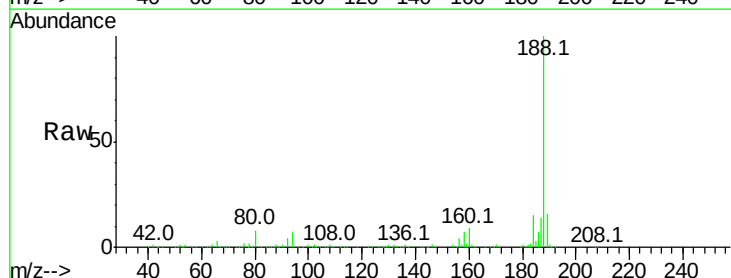
Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	24.0	19.5	29.3

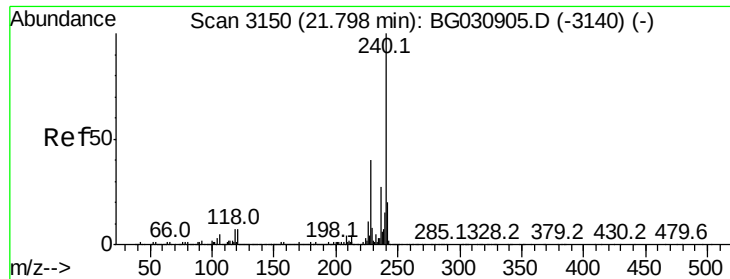


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2418
 Delta R.T. -0.02 min
 Lab File: BG031215.D
 Acq: 23 Nov 2017 8:13

Tgt Ion:188 Resp: 412132

Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.9	10.3#
80	8.4	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: BG031215.D

Acq: 23 Nov 2017 8:13

Instrument :

BNA_G

ClientSampleId :

AU-05-112017-B

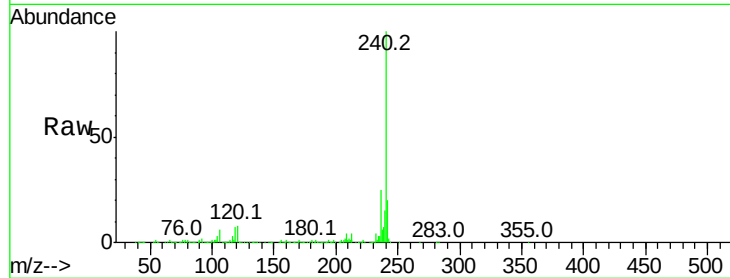
Tot Ion:240 Resp: 528977

Ion Ratio Lower Upper

240 100

120 7.8 6.8 10.2

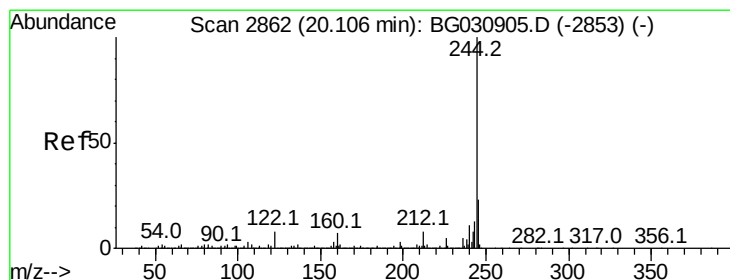
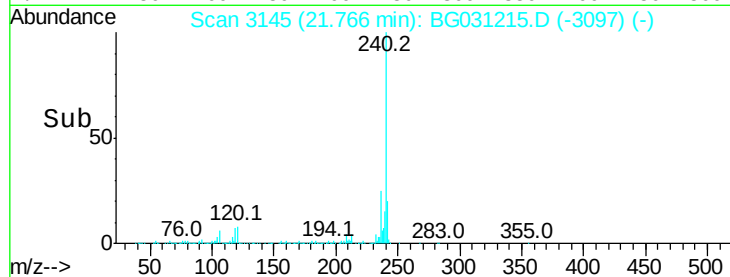
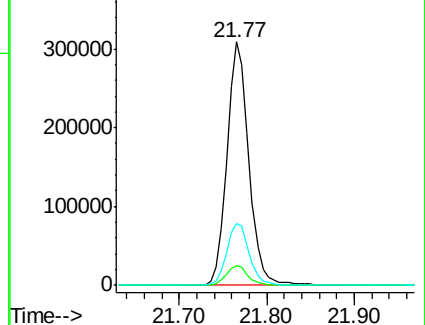
236 25.1 20.9 31.3



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: 89.929 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031215.D

Acq: 23 Nov 2017 8:13

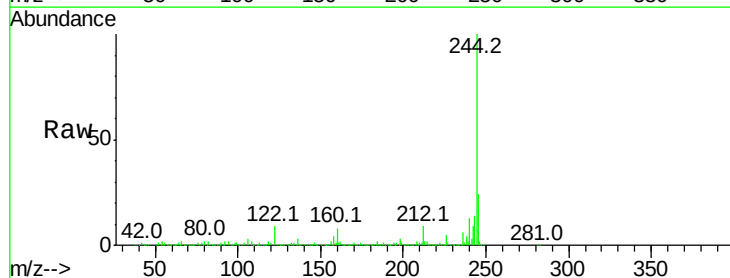
Tgt Ion:244 Resp: 2154377

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

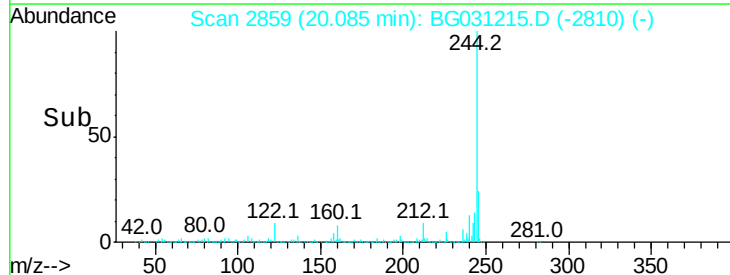
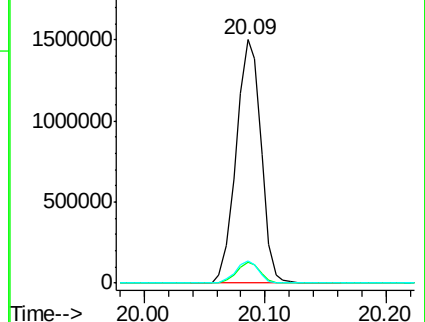
122 9.3 7.0 10.4

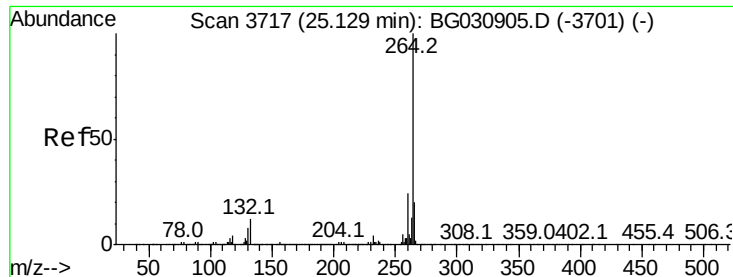


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

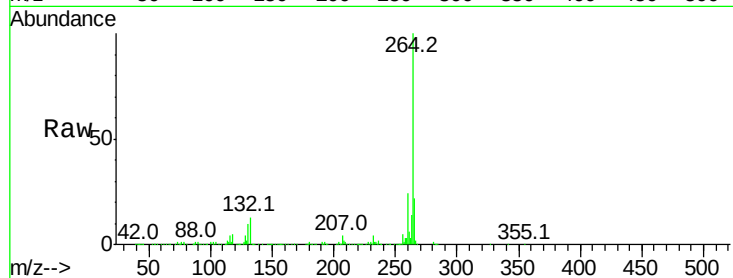




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.02 min
Lab File: BG031215.D
Acq: 23 Nov 2017 8:13

Instrument :
BNA_G
ClientSampleId :
AU-05-112017-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	22.4	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

