

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112917\
 Data File : BG031276.D
 Acq On : 29 Nov 2017 18:30
 Operator : SJ/JU
 Sample : I6302-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-112817-C

Quant Time: Nov 30 04:01:20 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

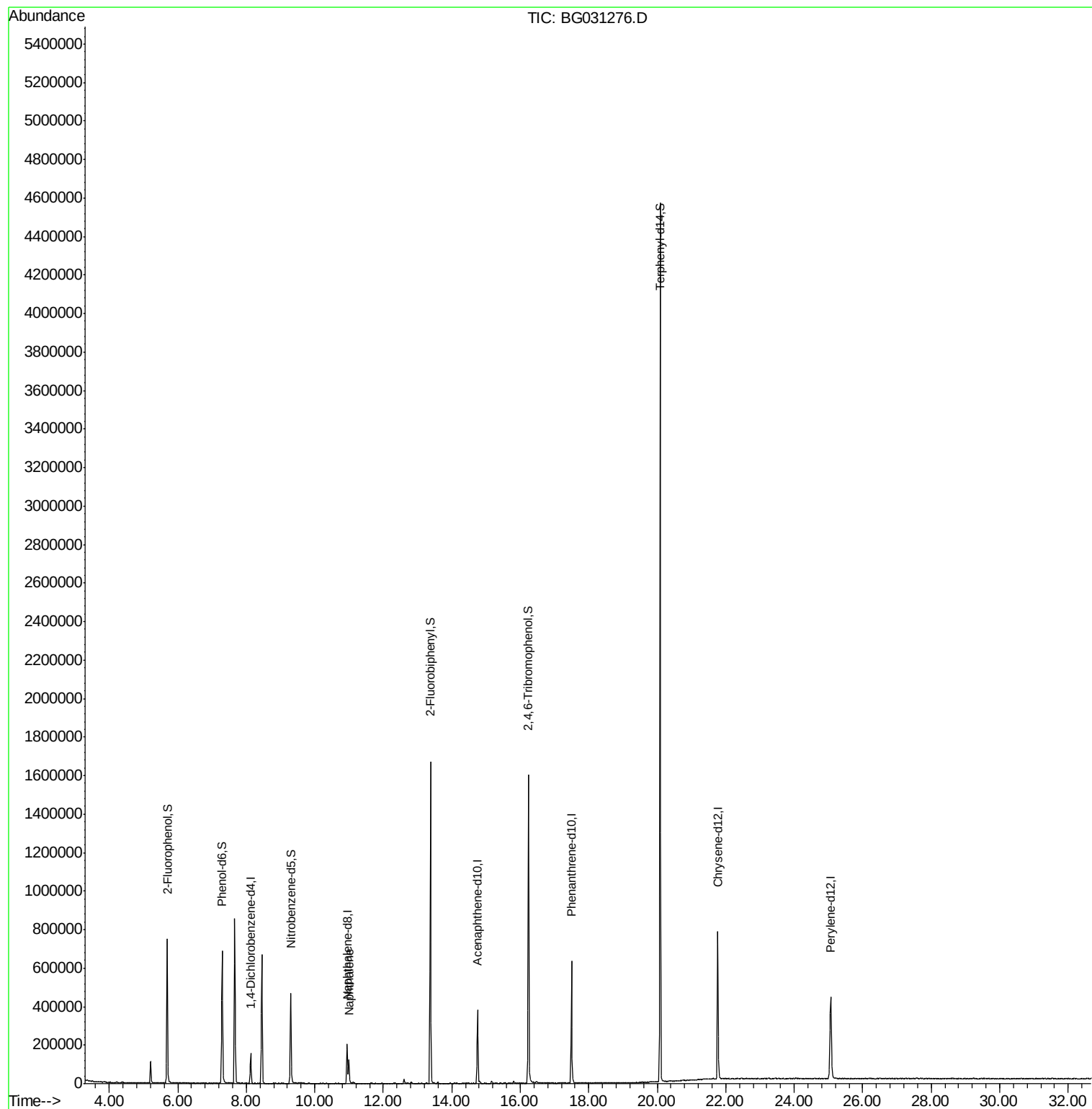
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	46227	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	205124	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	148113	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	438040	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	513348	20.00	ng	-0.02
86) Perylene-d12	25.06	264	492454	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	388574	144.14	ng	-0.02
7) Phenol-d6	7.30	99	468581	129.02	ng	-0.01
23) Nitrobenzene-d5	9.29	82	329393	95.16	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	338716	141.37	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	994891	96.52	ng	-0.02
78) Terphenyl-d14	20.09	244	2212048	95.15	ng	-0.01
Target Compounds						
31) Naphthalene	11.00	128	120496	11.950	ng	Qvalue 99

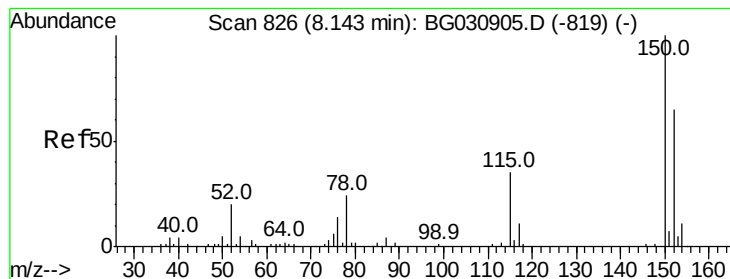
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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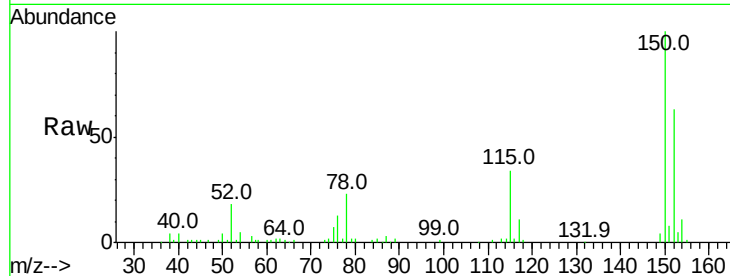


#1

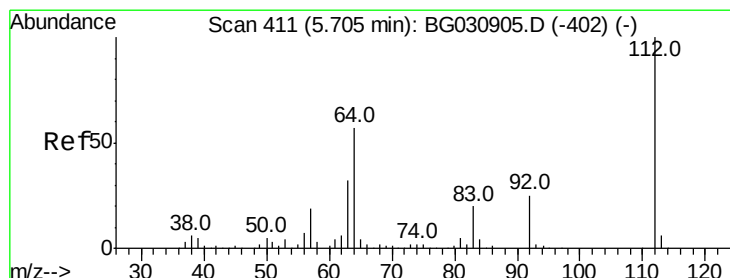
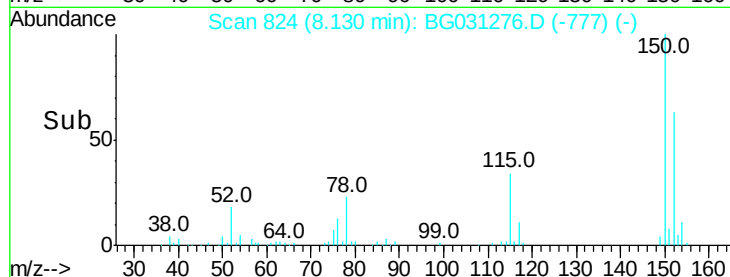
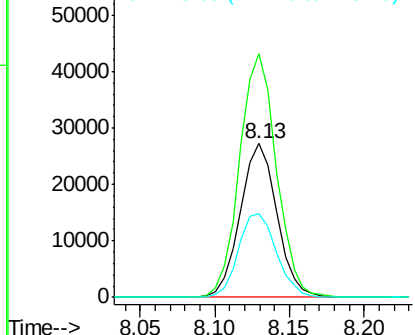
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031276.D
Acq: 29 Nov 2017 18:30

Instrument :
BNA_G
ClientSampleId :
HR-06-112817-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.6	189.8
115	54.4	53.0	79.4



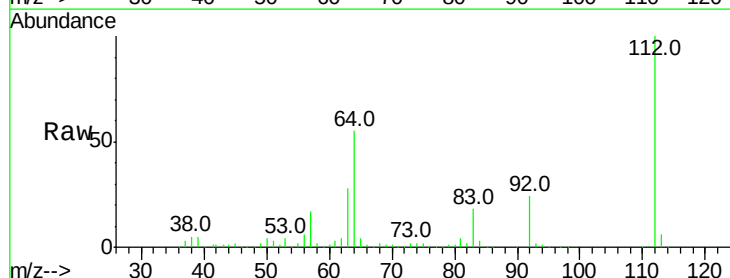
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



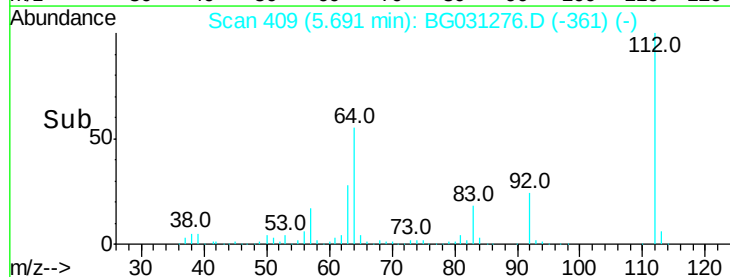
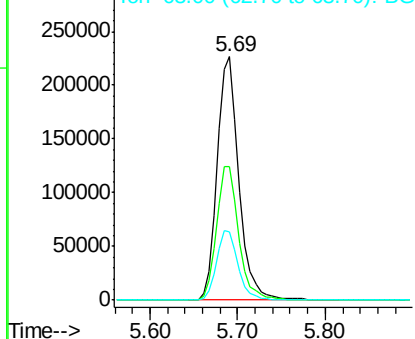
#5

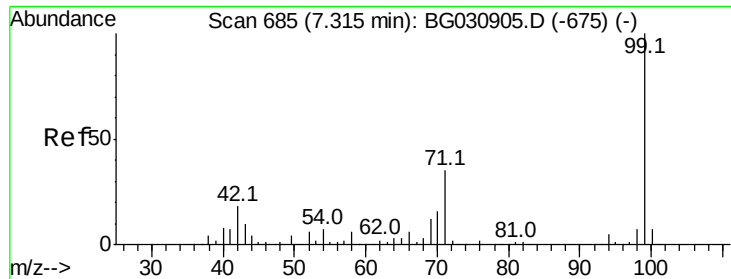
2-Fluorophenol
Concen: 144.139 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.02 min
Lab File: BG031276.D
Acq: 29 Nov 2017 18:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	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): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 129.019 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031276.D

Acq: 29 Nov 2017 18:30

Instrument :

BNA_G

ClientSampleId :

HR-06-112817-C

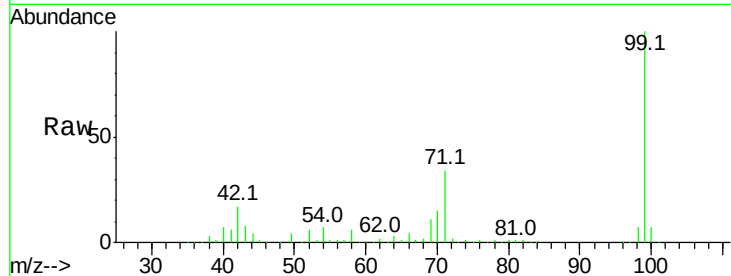
Tot Ion: 99 Resp: 468581

Ion Ratio Lower Upper

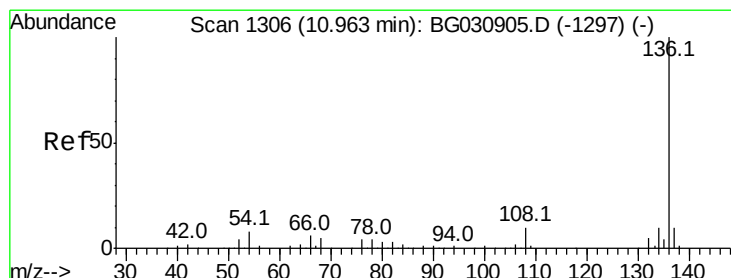
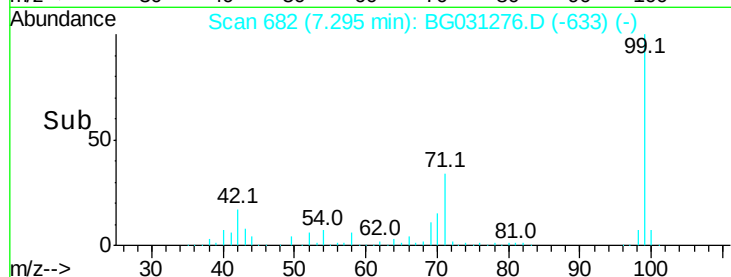
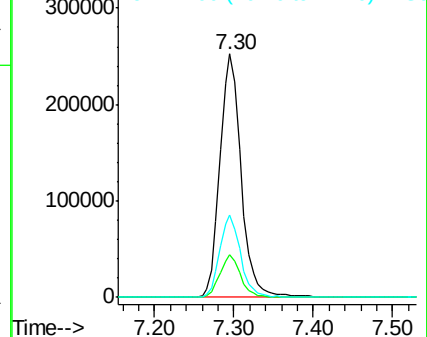
99 100

42 17.4 14.1 21.1

71 33.9 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: 10.94 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031276.D

Acq: 29 Nov 2017 18:30

Tgt Ion: 136 Resp: 205124

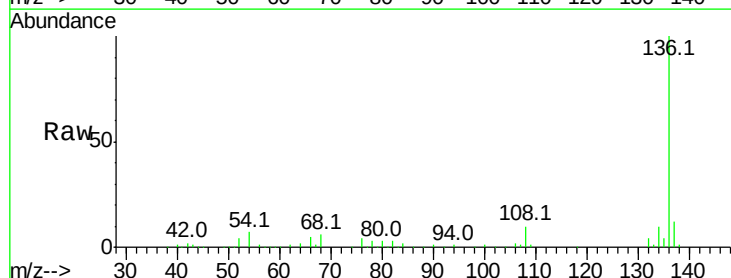
Ion Ratio Lower Upper

136 100

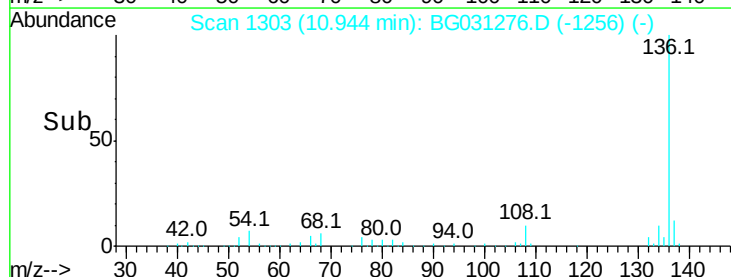
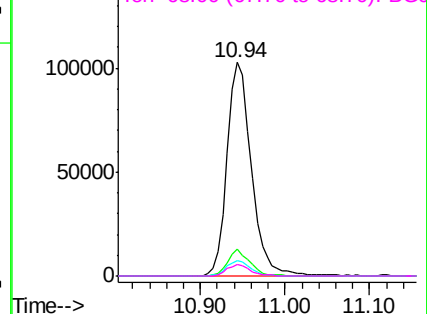
137 12.3 9.2 13.8

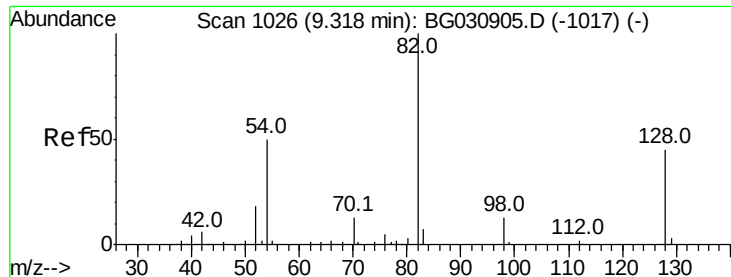
54 7.3 10.3 15.5#

68 5.5 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

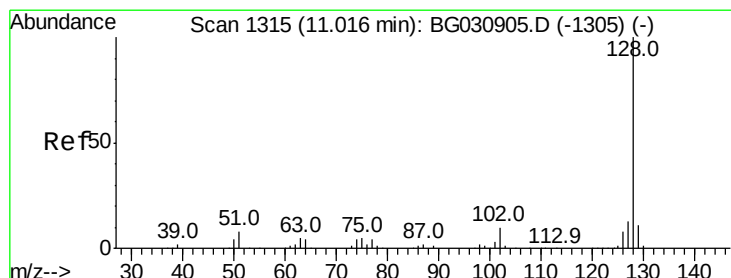
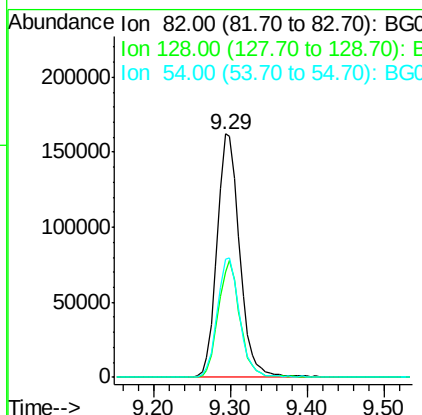
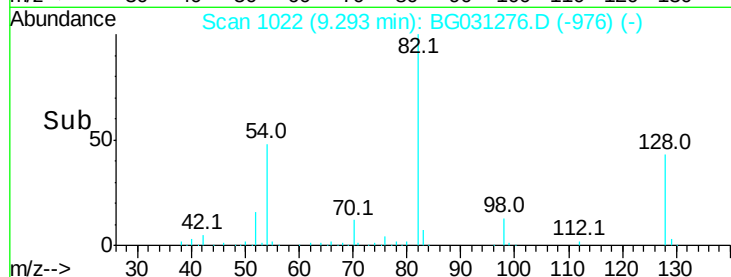
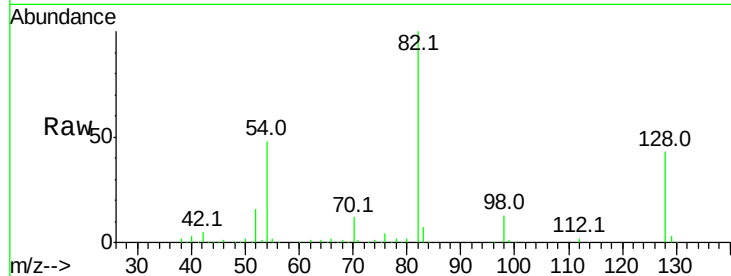




#23
 Nitrobenzene-d5
 Concen: 95.155 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BG031276.D
 Acq: 29 Nov 2017 18:30

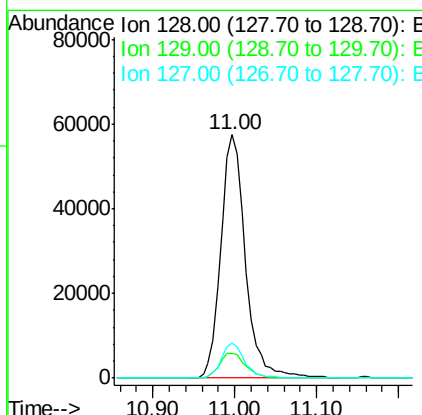
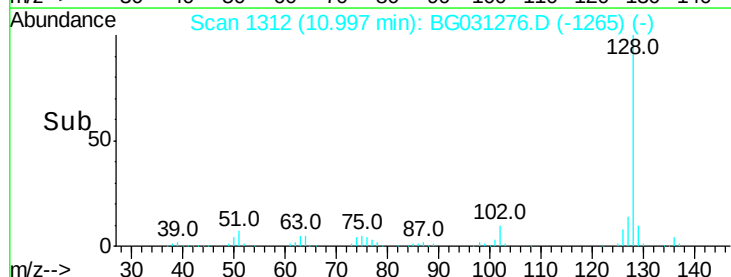
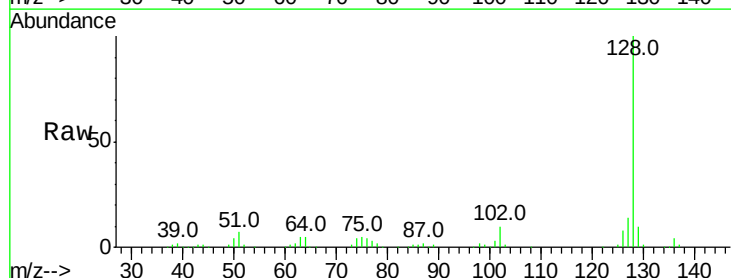
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-112817-C

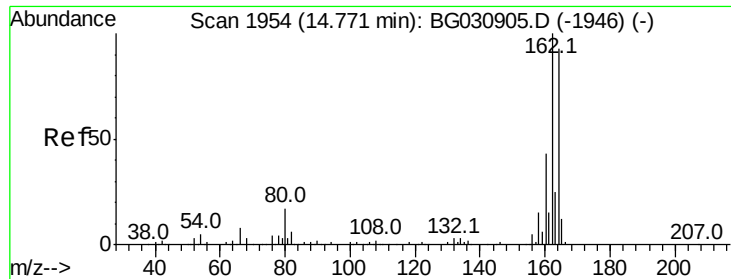
Tot Ion: 82 Resp: 329393
 Ion Ratio Lower Upper
 82 100
 128 43.2 29.7 44.5
 54 48.3 43.1 64.7



#31
 Naphthalene
 Concen: 11.950 ng
 RT: 11.00 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BG031276.D
 Acq: 29 Nov 2017 18:30

Tgt Ion: 128 Resp: 120496
 Ion Ratio Lower Upper
 128 100
 129 9.9 8.6 12.8
 127 14.3 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG031276.D

Acq: 29 Nov 2017 18:30

Instrument :

BNA_G

ClientSampleId :

HR-06-112817-C

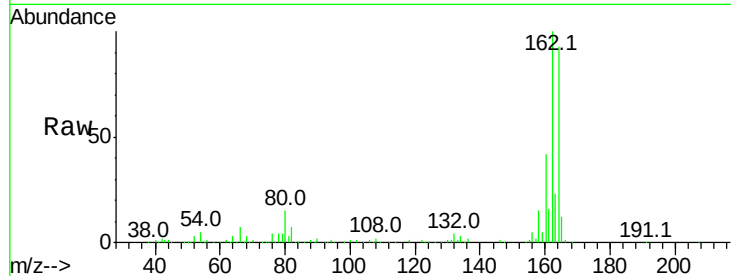
Tot Ion:164 Resp: 148113

Ion Ratio Lower Upper

164 100

162 108.0 78.8 118.2

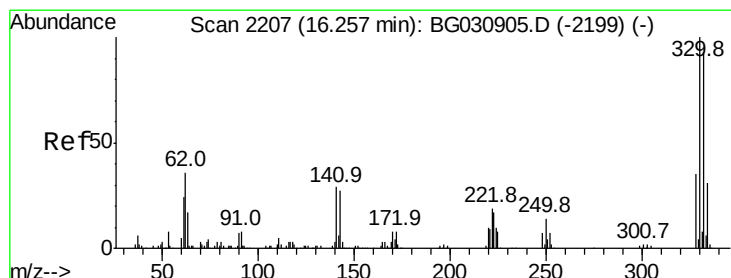
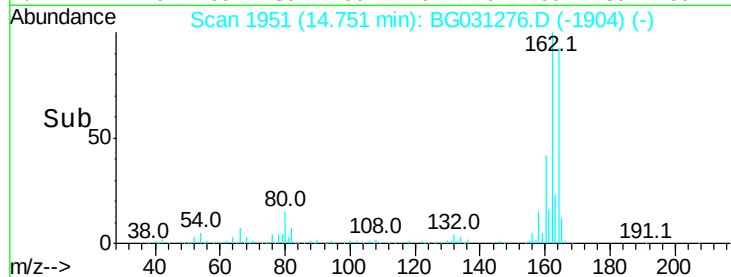
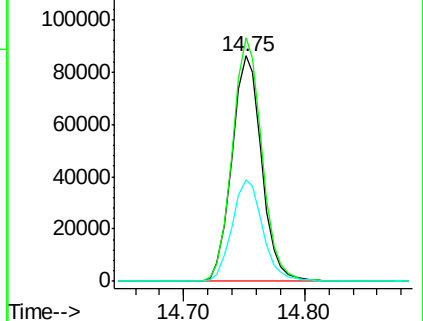
160 45.3 35.4 53.0



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: 141.368 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031276.D

Acq: 29 Nov 2017 18:30

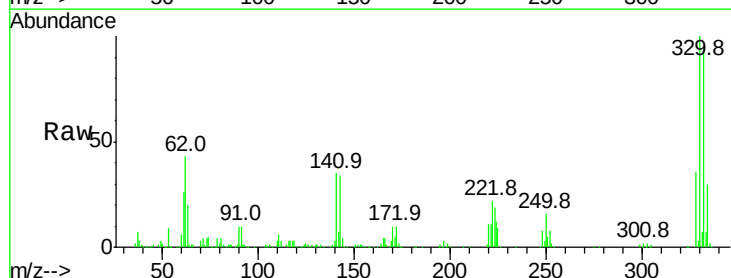
Tgt Ion:330 Resp: 338716

Ion Ratio Lower Upper

330 100

332 94.8 77.0 115.6

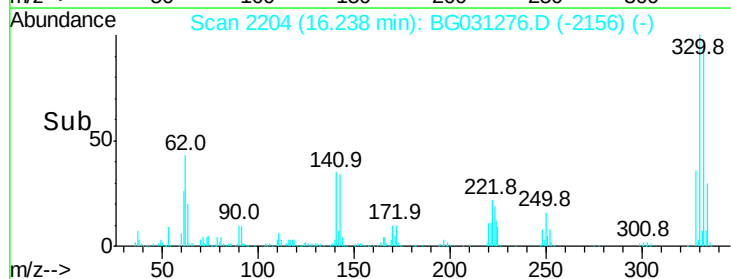
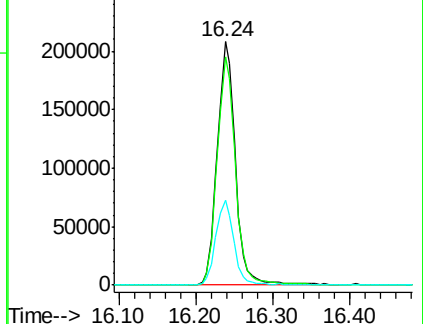
141 34.2 25.2 37.8

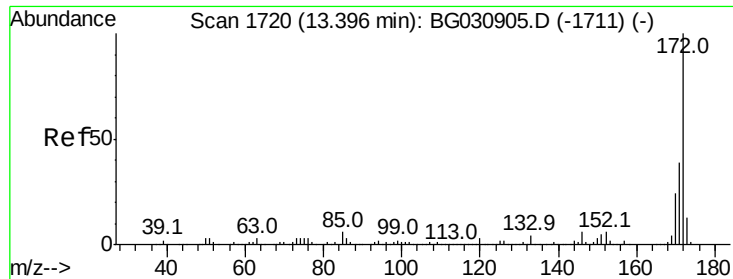


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

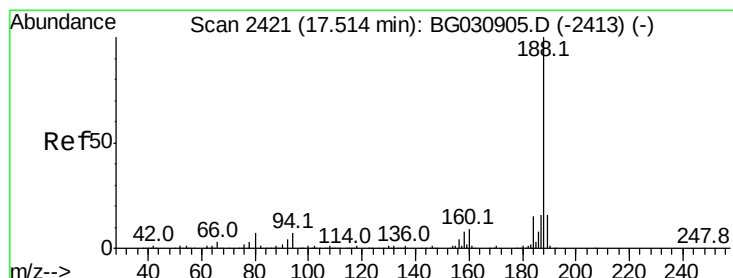
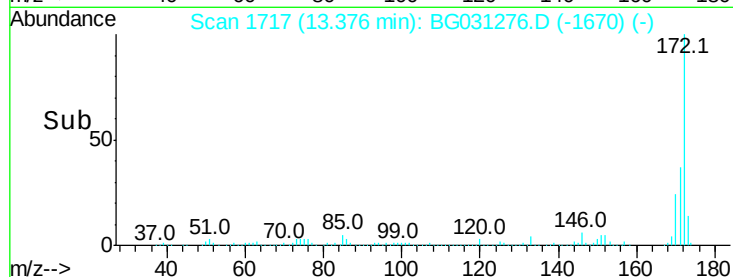
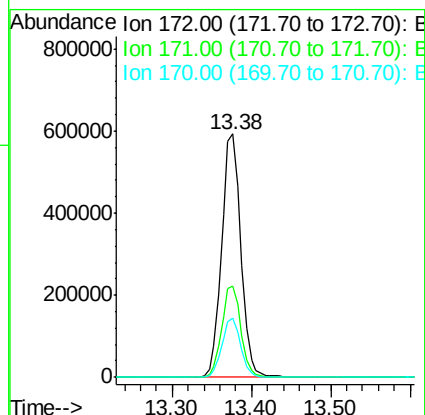
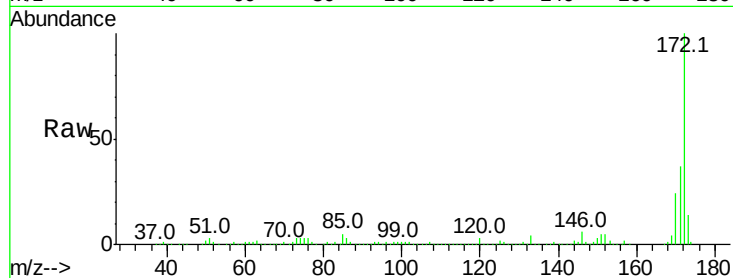




#44
 2-Fluorobiphenyl
 Concen: 96.517 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031276.D
 Acq: 29 Nov 2017 18:30

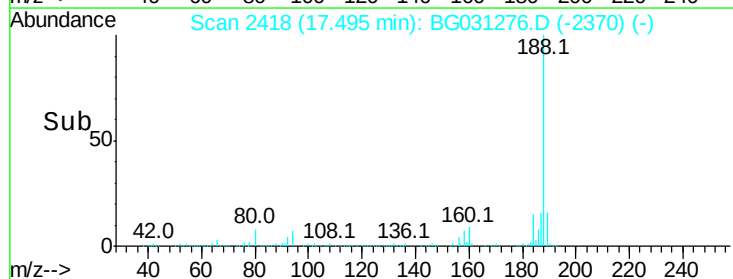
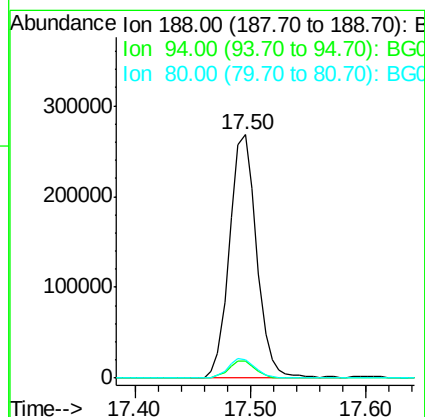
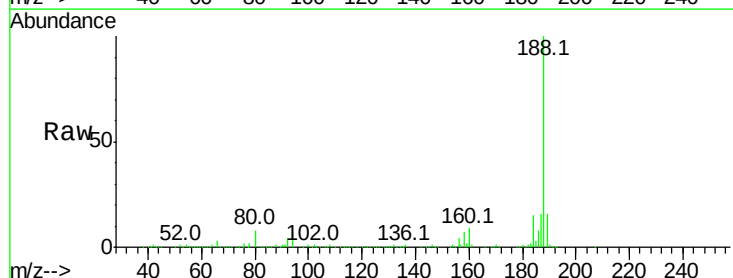
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-112817-C

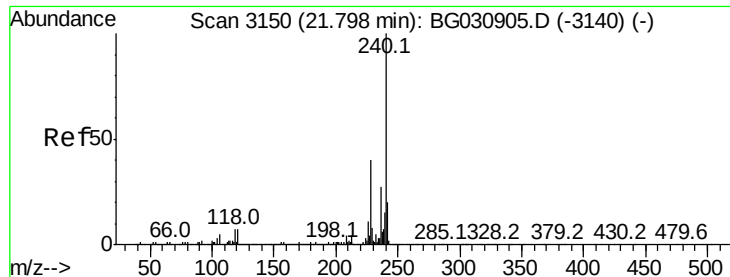
Tot Ion:172 Resp: 994891
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 24.1 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2418
 Delta R.T. -0.02 min
 Lab File: BG031276.D
 Acq: 29 Nov 2017 18:30

Tgt Ion:188 Resp: 438040
 Ion Ratio Lower Upper
 188 100
 94 7.1 6.9 10.3
 80 7.8 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: BG031276.D

Acq: 29 Nov 2017 18:30

Instrument :

BNA_G

ClientSampleId :

HR-06-112817-C

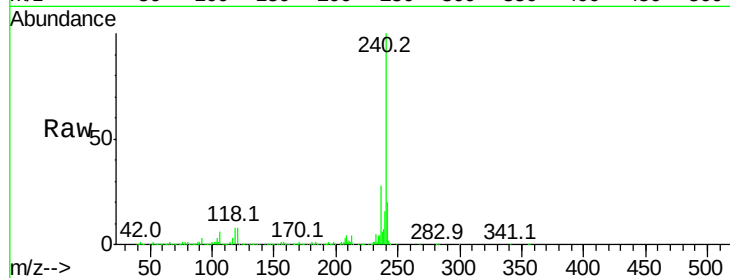
Tot Ion:240 Resp: 513348

Ion Ratio Lower Upper

240 100

120 8.4 6.8 10.2

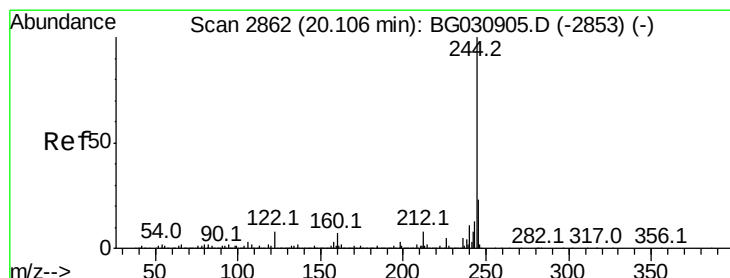
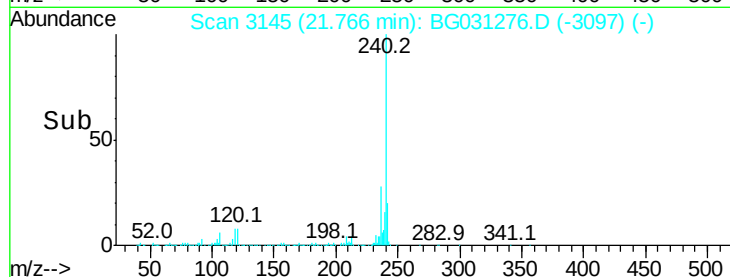
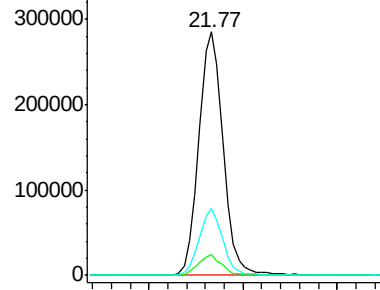
236 27.5 20.9 31.3



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: 95.148 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031276.D

Acq: 29 Nov 2017 18:30

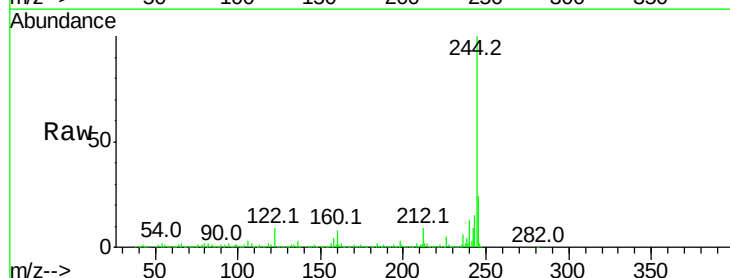
Tgt Ion:244 Resp: 2212048

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

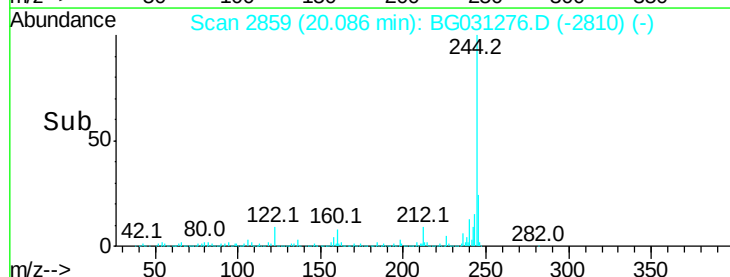
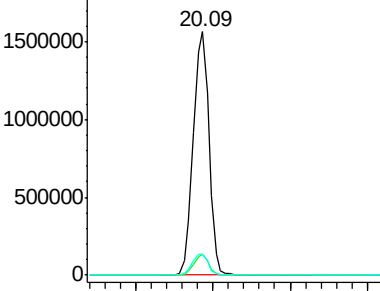
122 8.7 7.0 10.4

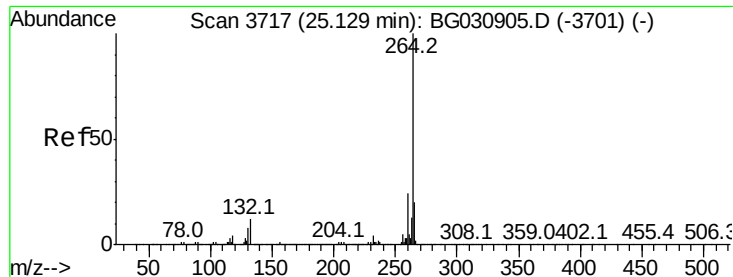


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.03 min
Lab File: BG031276.D
Acq: 29 Nov 2017 18:30

Instrument :
BNA_G
ClientSampleId :
HR-06-112817-C

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.5	17.4	26.0	
265	23.0	17.7	26.5	

