

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111517\
 Data File : BG031018.D
 Acq On : 15 Nov 2017 16:49
 Operator : SJ/JU
 Sample : I6302-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-04-111317-B

Quant Time: Nov 16 07:43:49 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	28595	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	109408	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	76122	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	240722	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	379371	20.00	ng	-0.01
86) Perylene-d12	25.07	264	367087	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	202916	121.68	ng	0.00
7) Phenol-d6	7.31	99	219446	97.68	ng	0.00
23) Nitrobenzene-d5	9.31	82	170513	92.35	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	234224	190.21	ng	-0.01
44) 2-Fluorobiphenyl	13.39	172	544552	102.79	ng	-0.01
78) Terphenyl-d14	20.09	244	1560524	90.83	ng	0.00

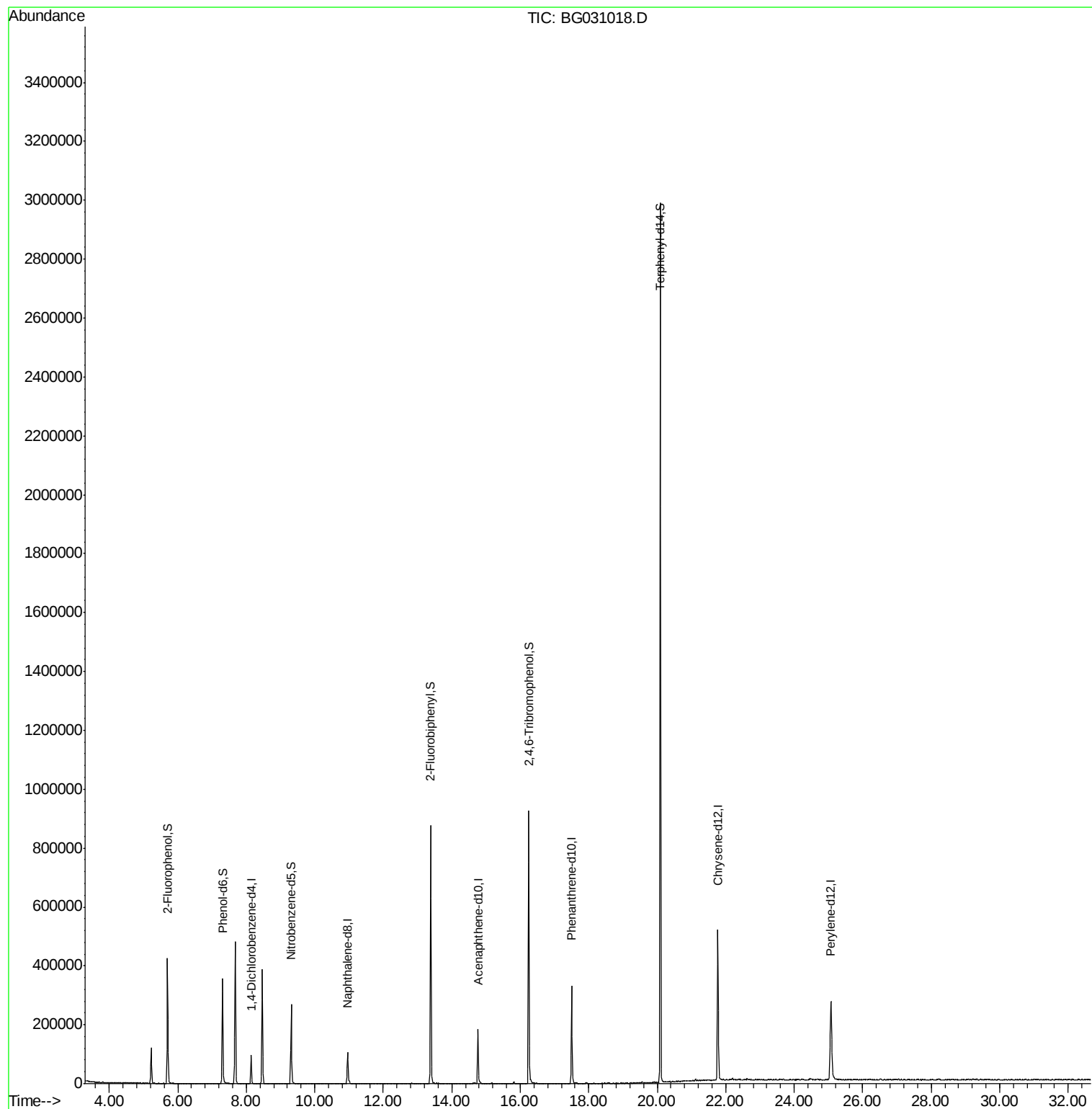
Target Compounds	Qvalue
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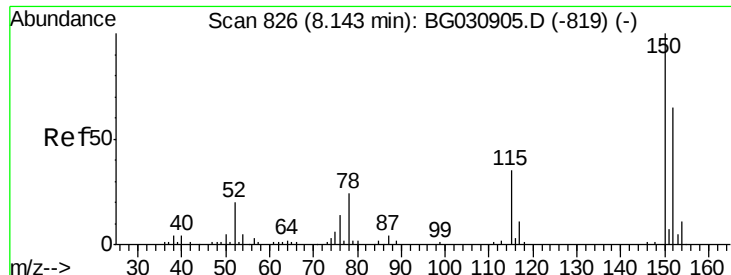
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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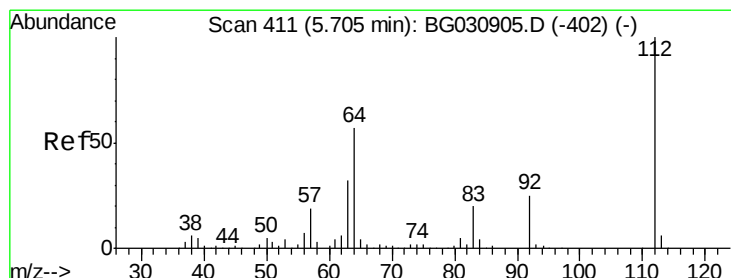
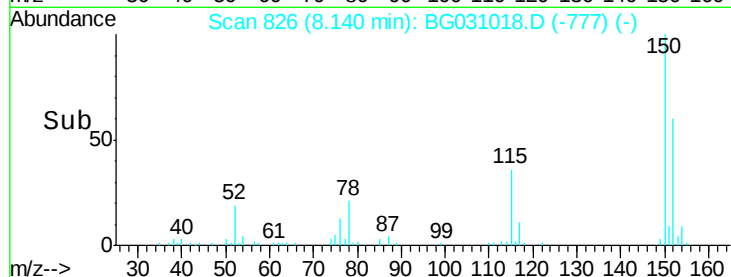
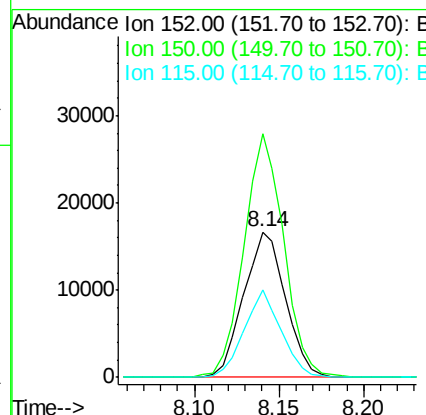
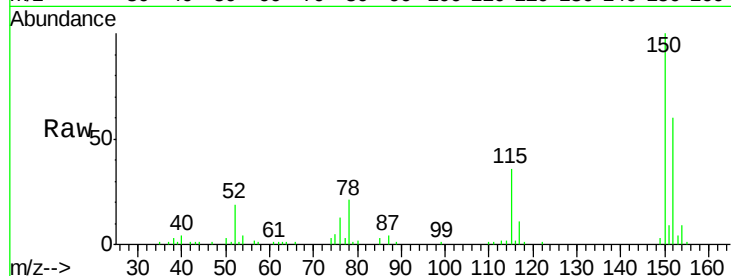




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG031018.D
 Acq: 15 Nov 2017 16:49

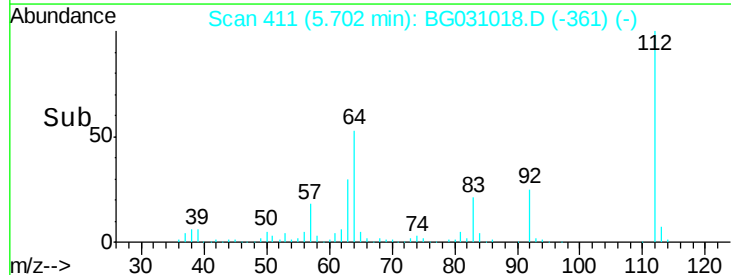
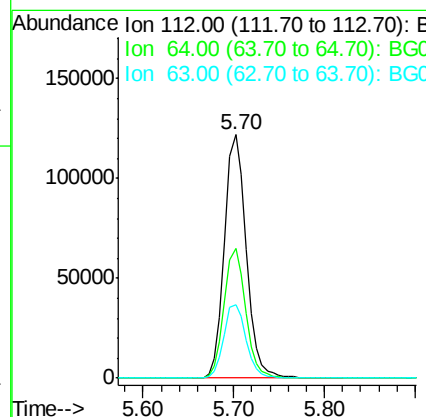
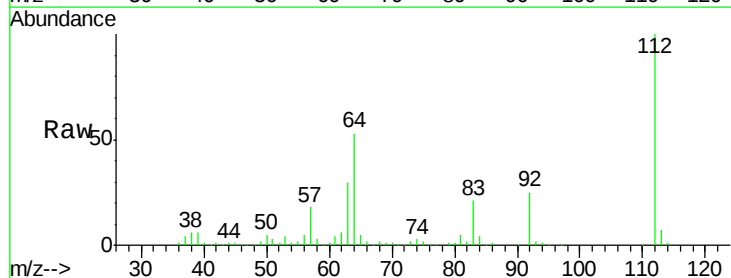
Instrument :
 BNA_G
 ClientSampleId :
 HR-04-111317-B

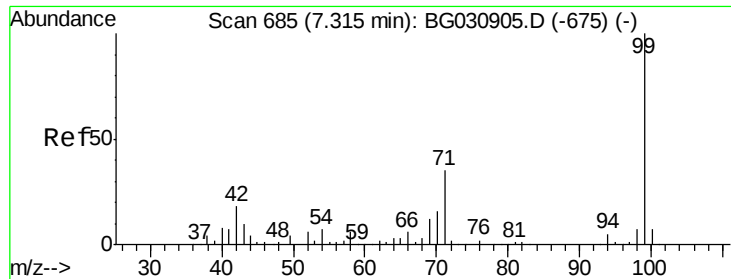
Tgt Ion:152 Resp: 28595
 Ion Ratio Lower Upper
 152 100
 150 167.3 126.6 189.8
 115 59.7 53.0 79.4



#5
 2-Fluorophenol
 Concen: 121.683 ng
 RT: 5.70 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: BG031018.D
 Acq: 15 Nov 2017 16:49

Tgt Ion:112 Resp: 202916
 Ion Ratio Lower Upper
 112 100
 64 53.1 56.3 84.5#
 63 30.2 30.1 45.1





#7

Phenol-d6

Concen: 97.679 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG031018.D

Acq: 15 Nov 2017 16:49

Instrument :

BNA_G

ClientSampleId :

HR-04-111317-B

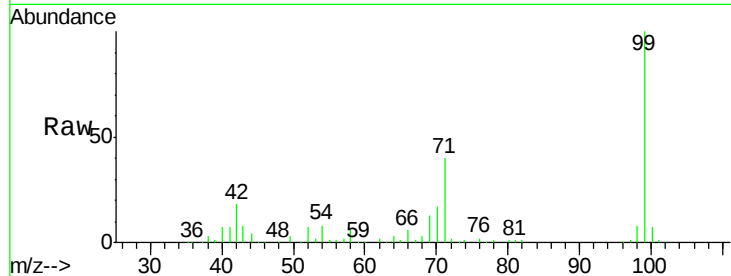
Tgt Ion: 99 Resp: 219446

Ion Ratio Lower Upper

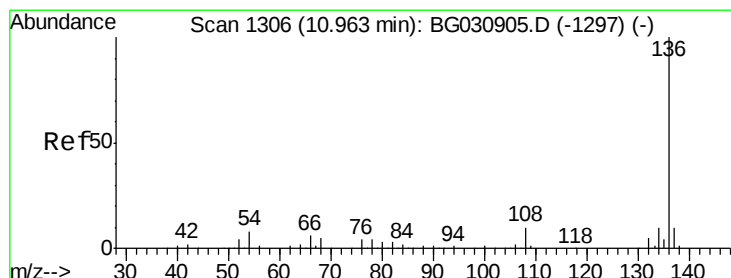
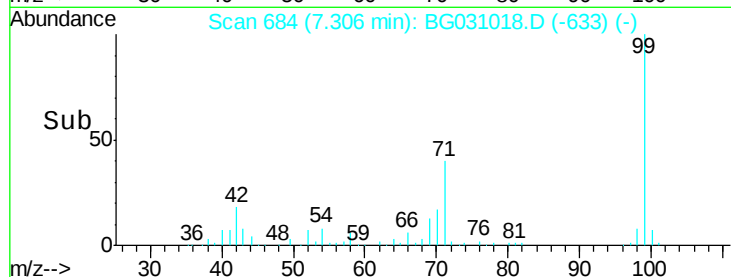
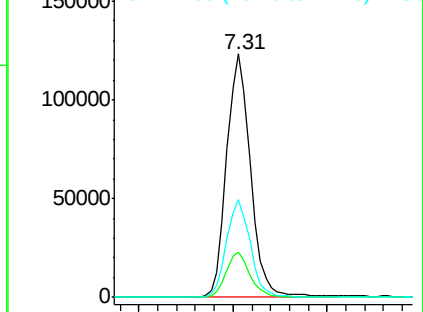
99 100

42 18.4 14.1 21.1

71 39.9 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: 10.96 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG031018.D

Acq: 15 Nov 2017 16:49

Tgt Ion: 136 Resp: 109408

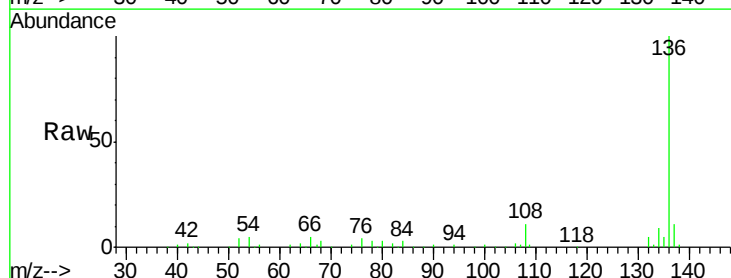
Ion Ratio Lower Upper

136 100

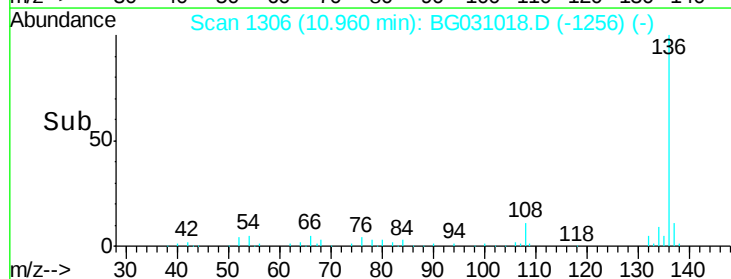
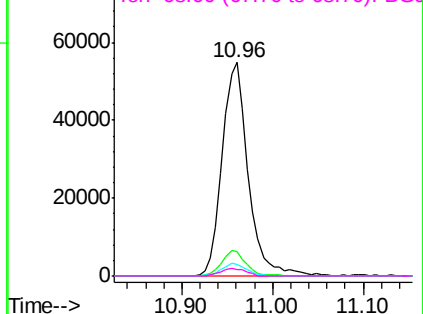
137 11.3 9.2 13.8

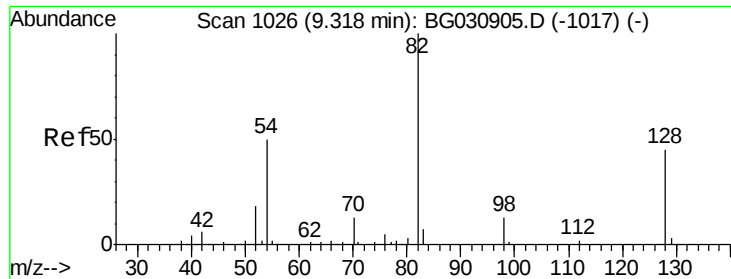
54 5.3 10.3 15.5#

68 3.3 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

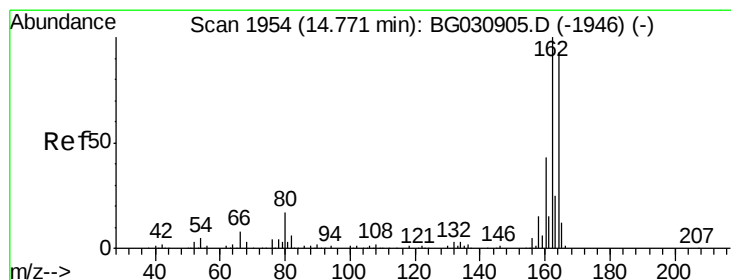
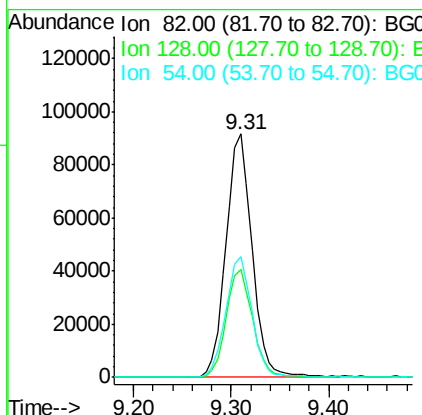
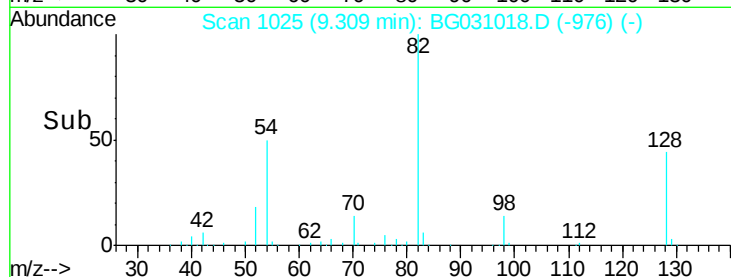
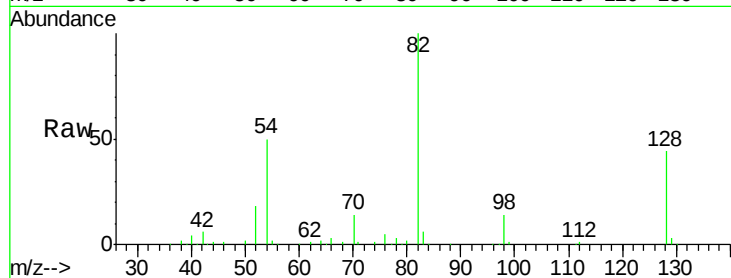




#23
Nitrobenzene-d5
Concen: 92.351 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG031018.D
Acq: 15 Nov 2017 16:49

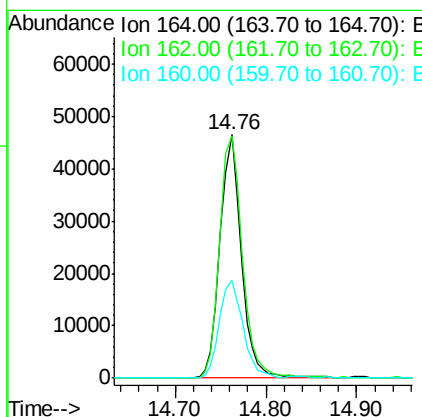
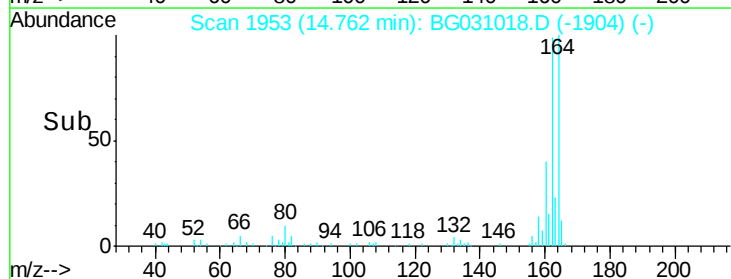
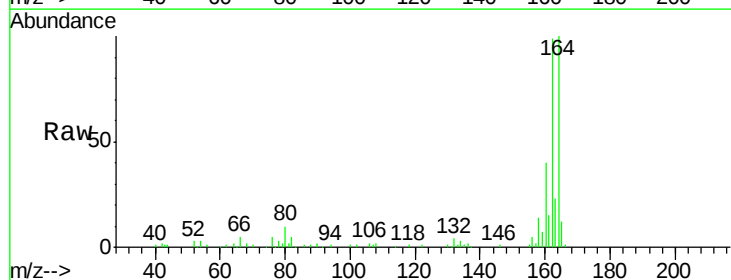
Instrument :
BNA_G
ClientSampleId :
HR-04-111317-B

Tgt Ion: 82 Resp: 170513
Ion Ratio Lower Upper
82 100
128 44.1 29.7 44.5
54 49.6 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG031018.D
Acq: 15 Nov 2017 16:49

Tgt Ion: 164 Resp: 76122
Ion Ratio Lower Upper
164 100
162 99.3 78.8 118.2
160 39.9 35.4 53.0

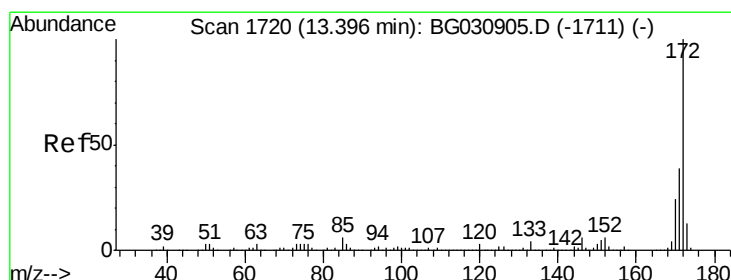
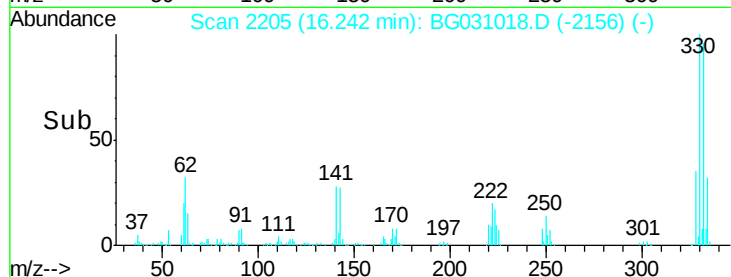
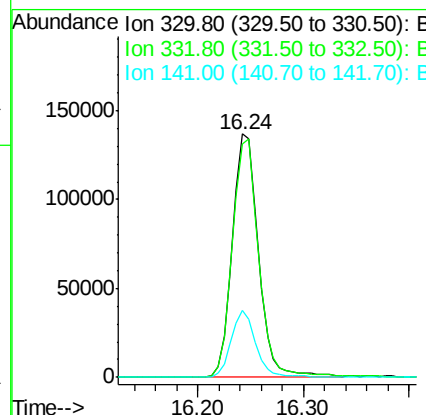
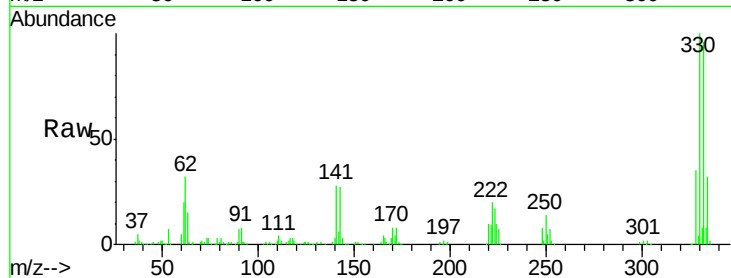




#41
 2,4,6-Tribromophenol
 Concen: 190.209 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031018.D
 Acq: 15 Nov 2017 16:49

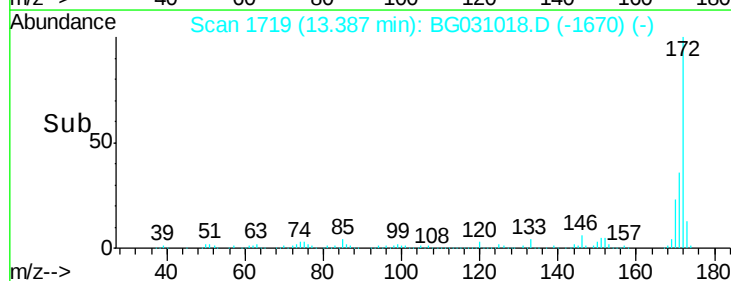
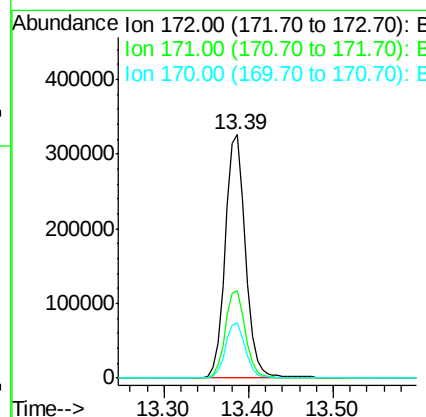
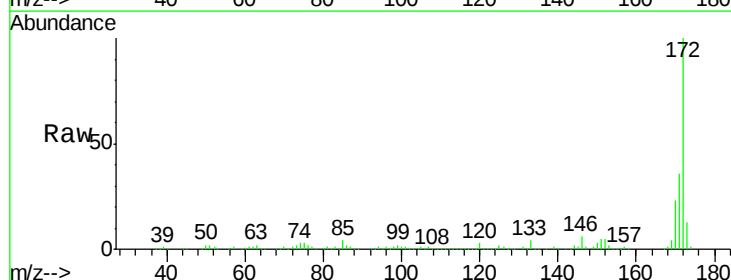
Instrument :
 BNA_G
 ClientSampleId :
 HR-04-111317-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	25.8	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 102.790 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG031018.D
 Acq: 15 Nov 2017 16:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.0	45.0
170	22.6	19.5	29.3

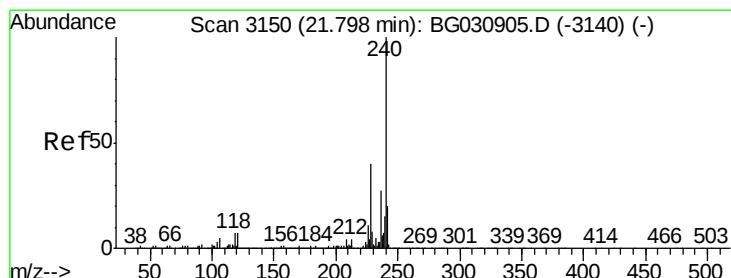
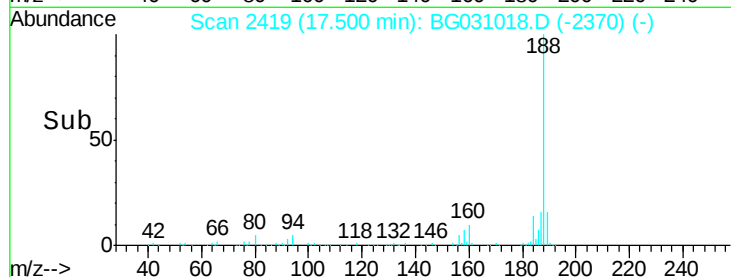
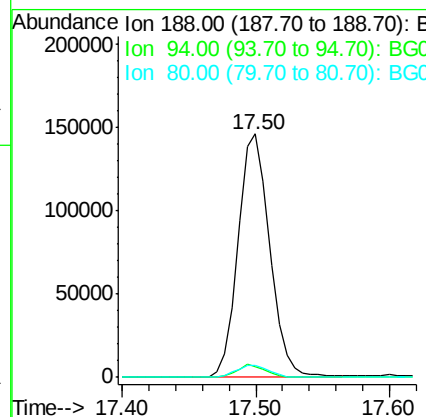
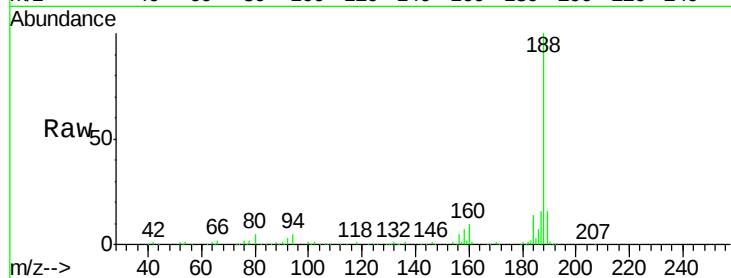




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG031018.D
Acq: 15 Nov 2017 16:49

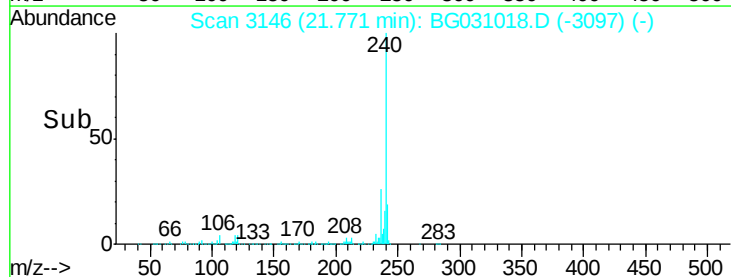
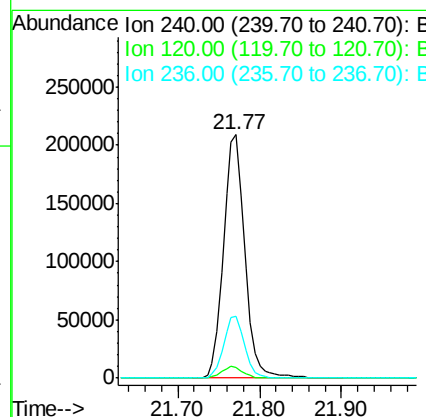
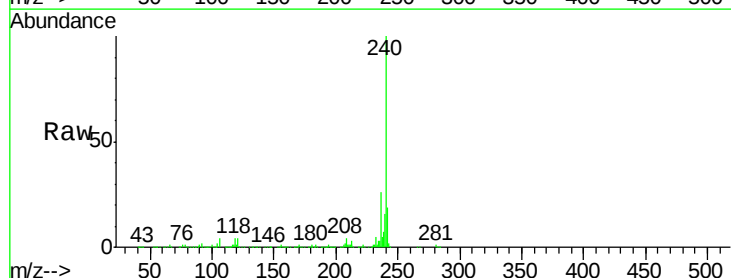
Instrument :
BNA_G
ClientSampleId :
HR-04-111317-B

Tgt Ion:188 Resp: 240722
Ion Ratio Lower Upper
188 100
94 4.5 6.9 10.3#
80 5.0 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG031018.D
Acq: 15 Nov 2017 16:49

Tgt Ion:240 Resp: 379371
Ion Ratio Lower Upper
240 100
120 4.5 6.8 10.2#
236 25.7 20.9 31.3





#78

Terphenyl-d14

Concen: 90.829 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG031018.D

Acq: 15 Nov 2017 16:49

Instrument :

BNA_G

ClientSampleId :

HR-04-111317-B

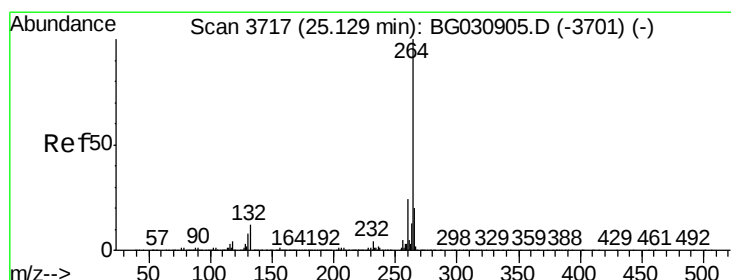
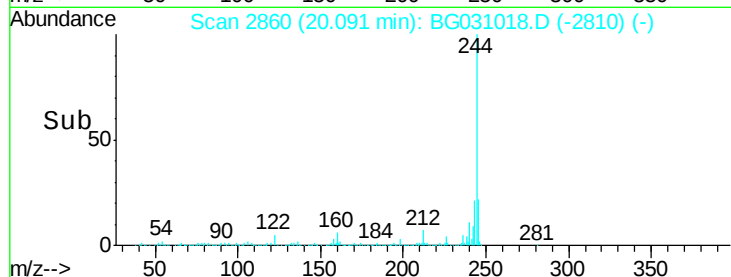
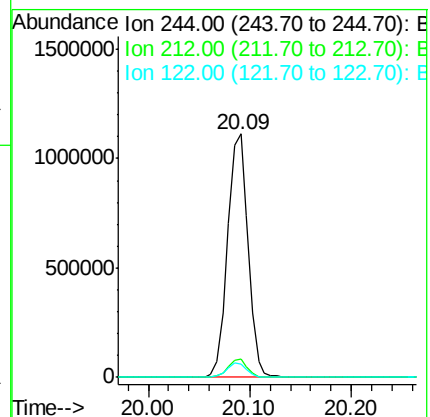
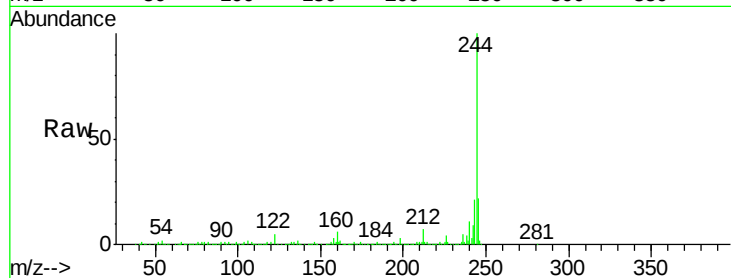
Tgt Ion:244 Resp: 1560524

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 5.5 7.0 10.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3708

Delta R.T. -0.02 min

Lab File: BG031018.D

Acq: 15 Nov 2017 16:49

Tgt Ion:264 Resp: 367087

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 20.4 17.7 26.5

