

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112917\
 Data File : BG031273.D
 Acq On : 29 Nov 2017 16:37
 Operator : SJ/JU
 Sample : PB104594TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 30 03:07:13 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

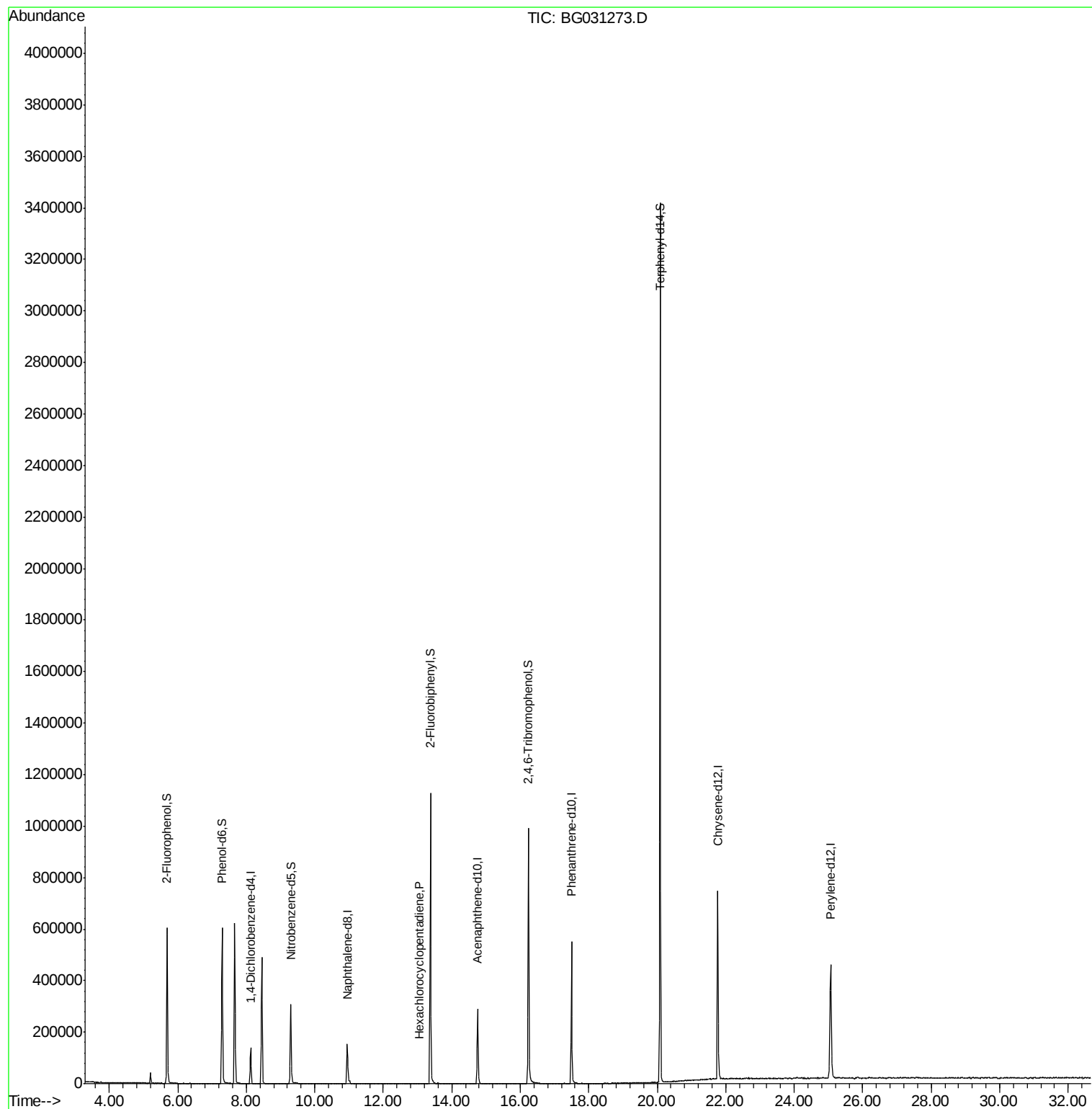
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	41303	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	174043	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	125820	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	391226	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	508462	20.00	ng	-0.02
86) Perylene-d12	25.06	264	492792	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	318728	132.32	ng	-0.02
7) Phenol-d6	7.30	99	408318	125.83	ng	-0.01
23) Nitrobenzene-d5	9.30	82	226902	77.25	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	228161	112.10	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	712732	81.40	ng	-0.02
78) Terphenyl-d14	20.08	244	1751921	76.08	ng	-0.02
Target Compounds						
40) Hexachlorocyclopentadiene	13.05	237	53	10.68	ng	Qvalue # 22

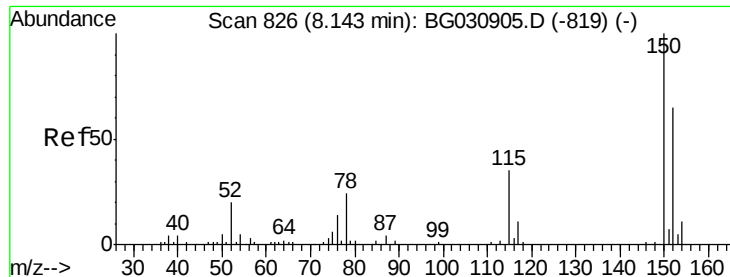
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112917\
Data File : BG031273.D
Acq On : 29 Nov 2017 16:37
Operator : SJ/JU
Sample : PB104594TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 30 03:07:13 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



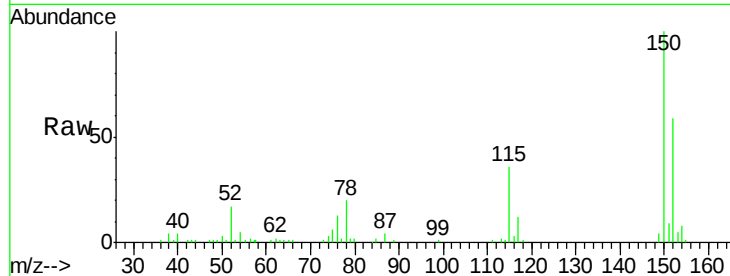


#1

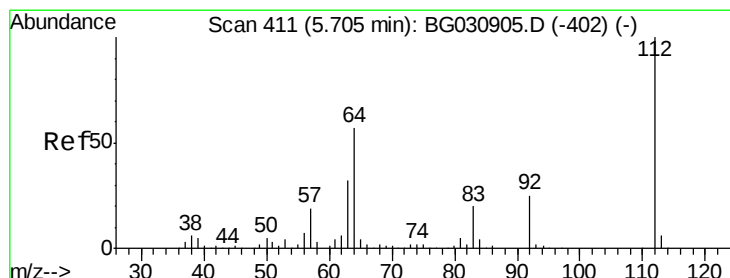
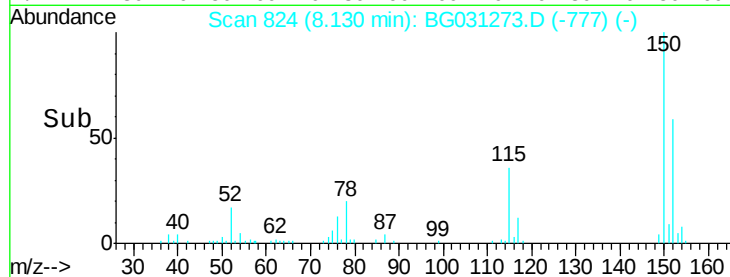
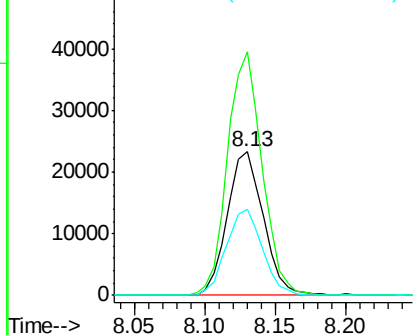
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031273.D
Acq: 29 Nov 2017 16:37

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 41303
Ion Ratio Lower Upper
152 100
150 169.6 126.6 189.8
115 60.4 53.0 79.4



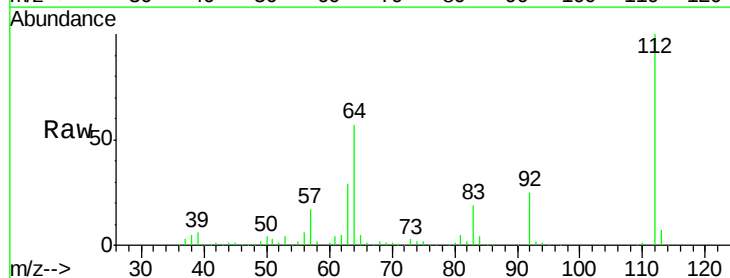
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



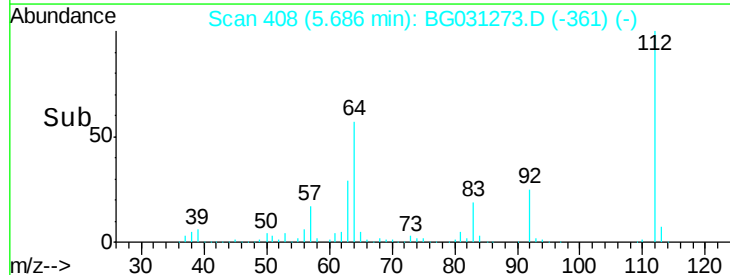
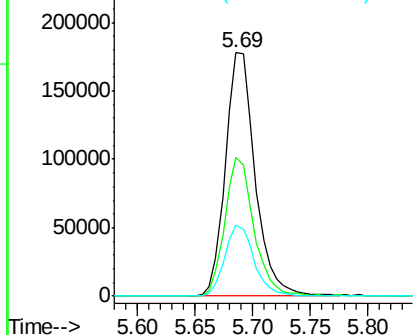
#5

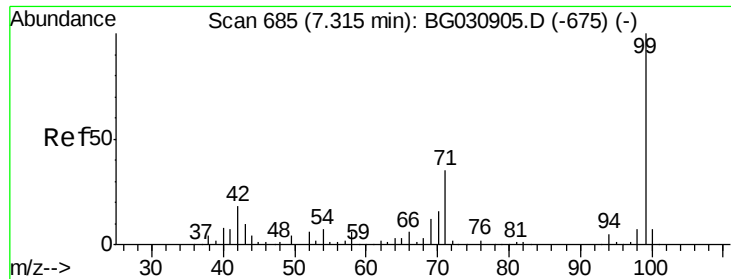
2-Fluorophenol
Concen: 132.32 ng
RT: 5.69 min Scan# 408
Delta R.T. -0.02 min
Lab File: BG031273.D
Acq: 29 Nov 2017 16:37

Tgt Ion:112 Resp: 318728
Ion Ratio Lower Upper
112 100
64 57.0 56.3 84.5
63 29.2 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: 125.83 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031273.D

Acq: 29 Nov 2017 16:37

Instrument :

BNA_G

ClientSampleId :

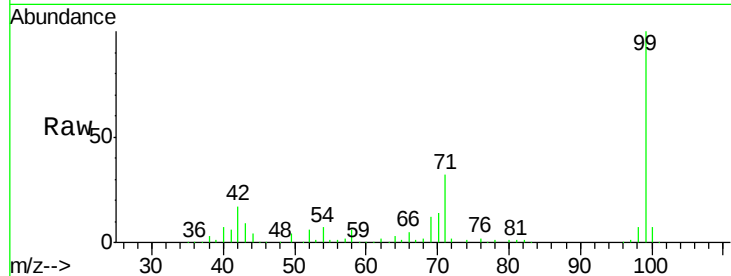
Tot Ion: 99 Resp: 408318

Ion Ratio Lower Upper

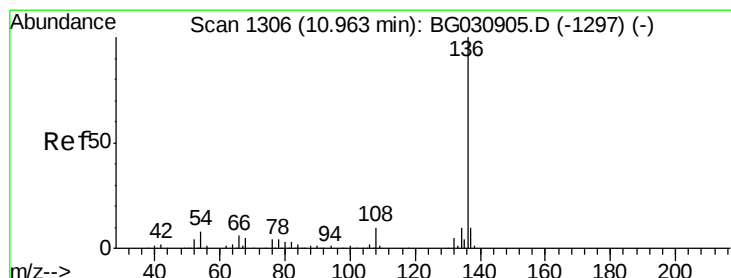
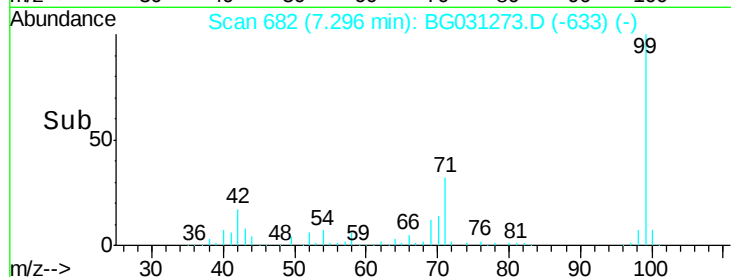
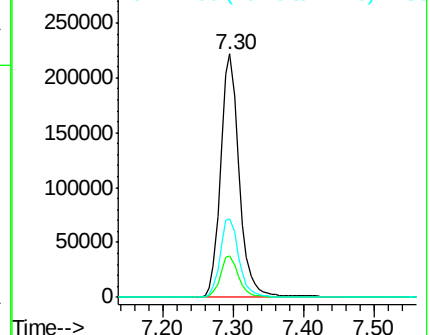
99 100

42 17.1 14.1 21.1

71 32.5 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: 20.00 ng

RT: 10.95 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG031273.D

Acq: 29 Nov 2017 16:37

Tgt Ion: 136 Resp: 174043

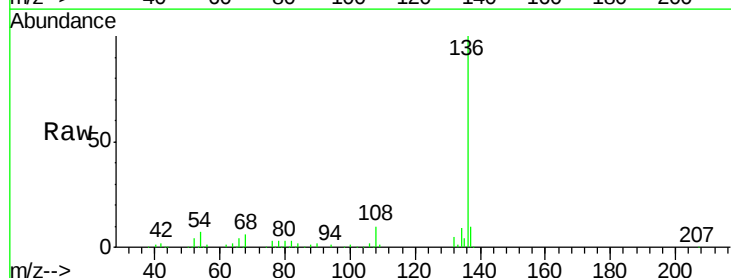
Ion Ratio Lower Upper

136 100

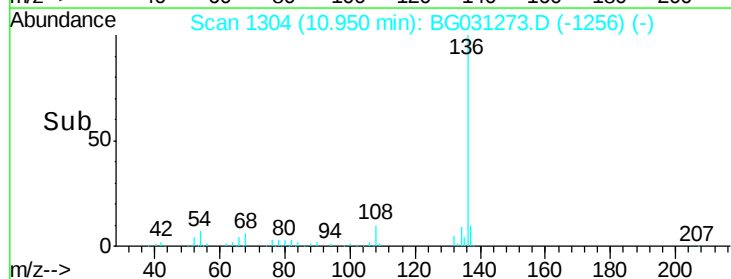
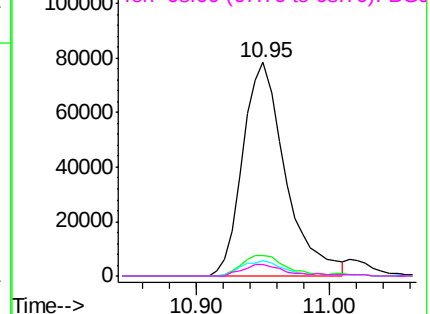
137 9.9 9.2 13.8

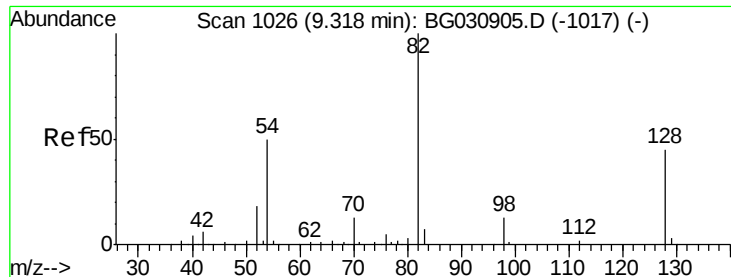
54 7.4 10.3 15.5#

68 5.6 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

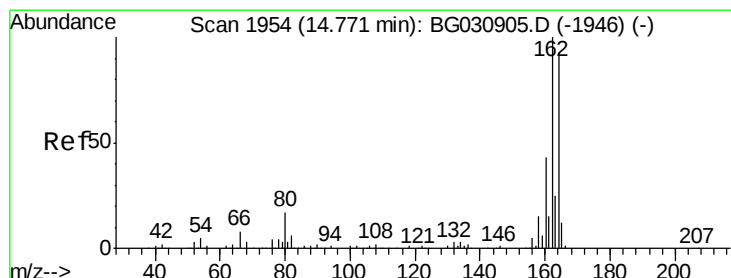
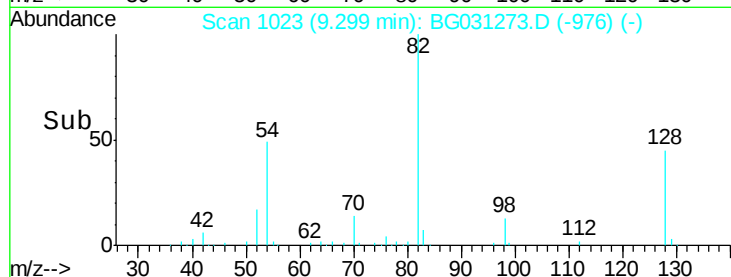
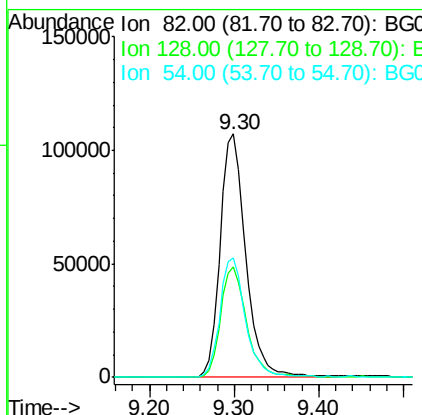
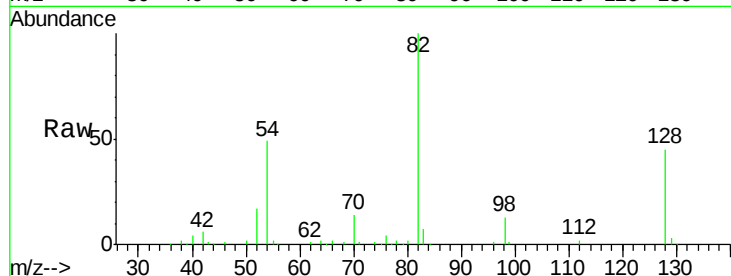




#23
 Nitrobenzene-d5
 Concen: 77.25 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG031273.D
 Acq: 29 Nov 2017 16:37

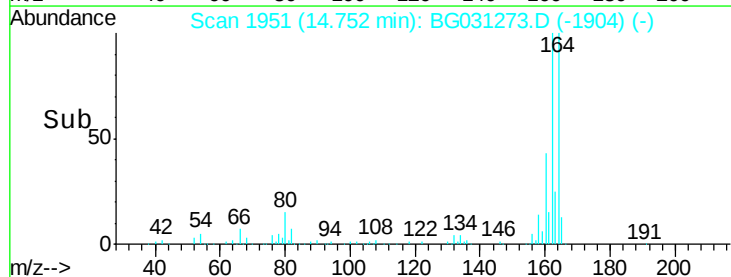
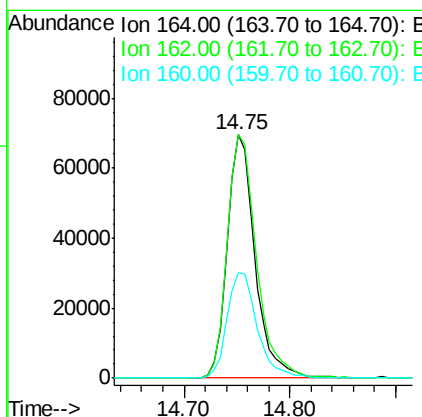
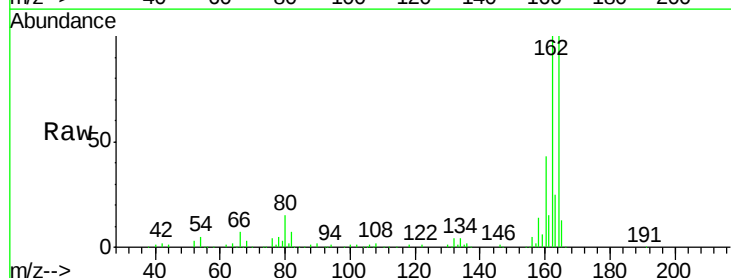
Instrument :
 BNA_G
 ClientSampled :

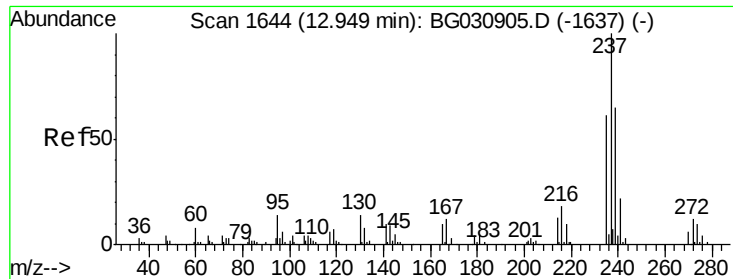
Tot Ion	82	Resp	226902
Ion Ratio	100	Lower	Upper
128	45.3	29.7	44.5#
54	49.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.02 min
 Lab File: BG031273.D
 Acq: 29 Nov 2017 16:37

Tgt Ion	164	Resp	125820
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	99.8	78.8	118.2
160	43.2	35.4	53.0





#40

Hexachlorocyclopentadiene

Concen: 10.68 ng

RT: 13.05 min Scan# 1662

Delta R.T. 0.10 min

Lab File: BG031273.D

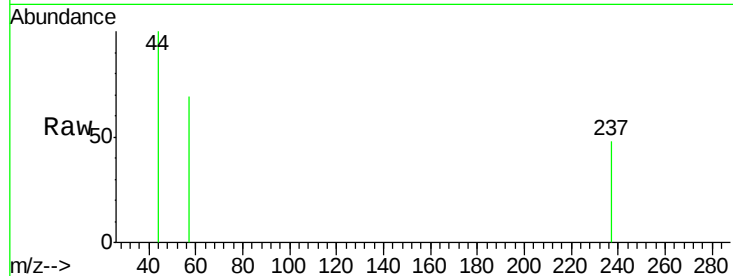
Acq: 29 Nov 2017 16:37

Instrument :

BNA_G

ClientSampleId :

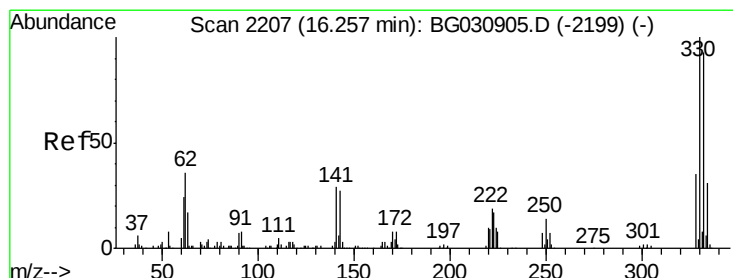
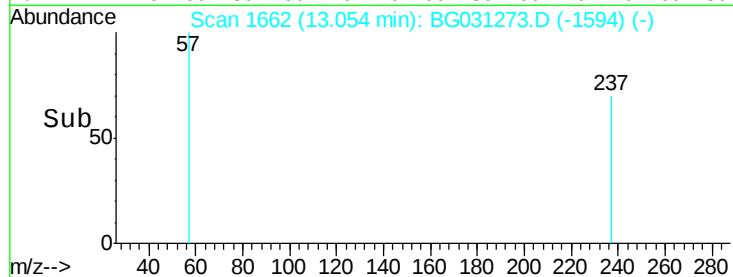
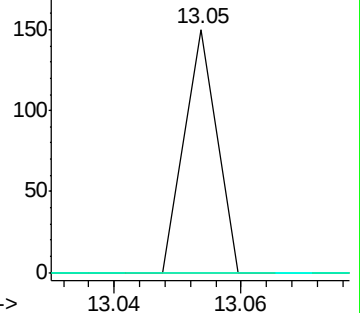
Tot Ion:237	Resp:	53
Ion Ratio	Lower	Upper
237	100	
235	0.0	50.4 90.4#
272	0.0	0.0 31.8



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 112.10 ng

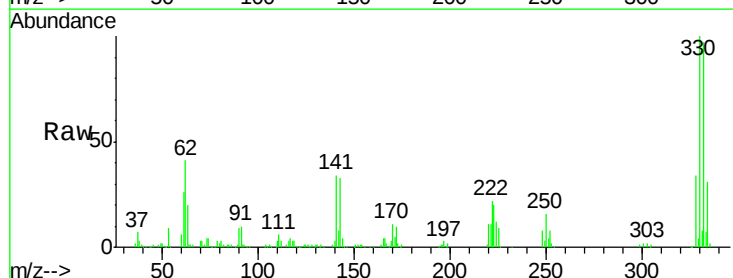
RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031273.D

Acq: 29 Nov 2017 16:37

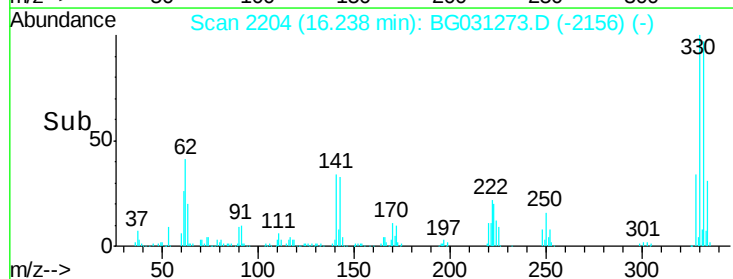
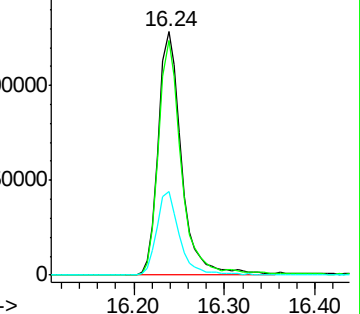
Tgt Ion:330	Resp:	228161
Ion Ratio	Lower	Upper
330	100	
332	95.0	77.0 115.6
141	33.7	25.2 37.8

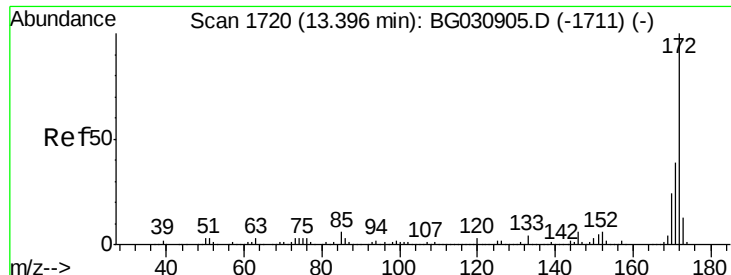


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

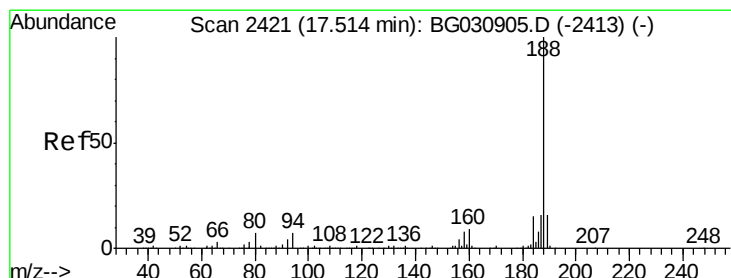
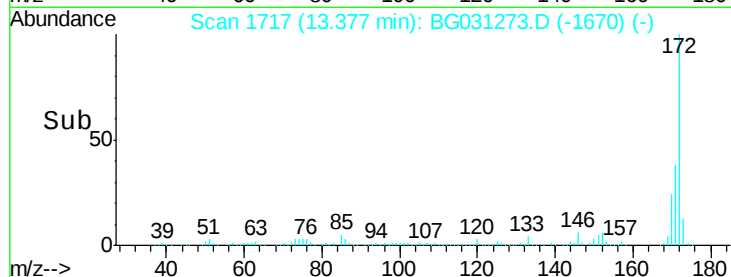
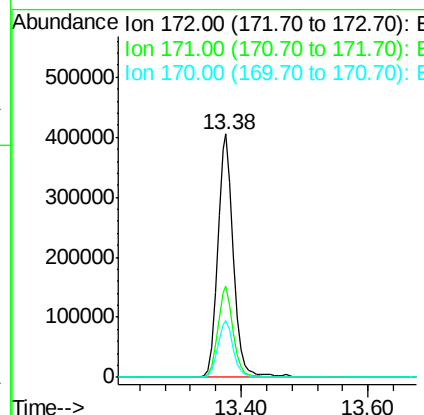
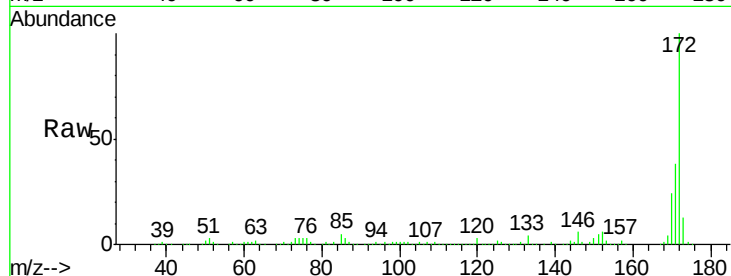




#44
 2-Fluorobiphenyl
 Concen: 81.40 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031273.D
 Acq: 29 Nov 2017 16:37

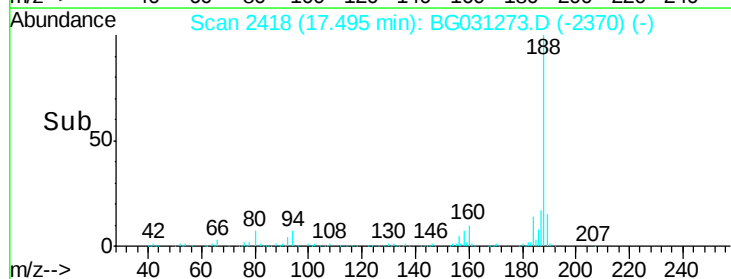
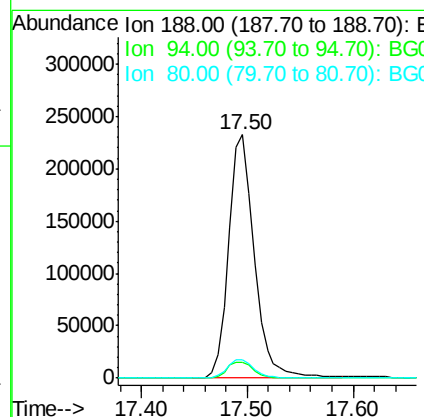
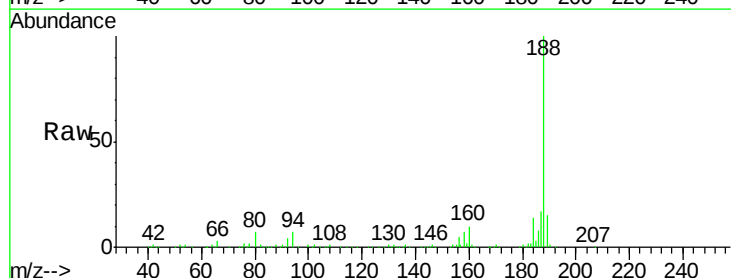
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 712732
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 23.6 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.50 min Scan# 2418
 Delta R.T. -0.02 min
 Lab File: BG031273.D
 Acq: 29 Nov 2017 16:37

Tgt Ion:188 Resp: 391226
 Ion Ratio Lower Upper
 188 100
 94 6.6 6.9 10.3#
 80 7.4 7.7 11.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031273.D

Acq: 29 Nov 2017 16:37

Instrument :

BNA_G

ClientSampleId :

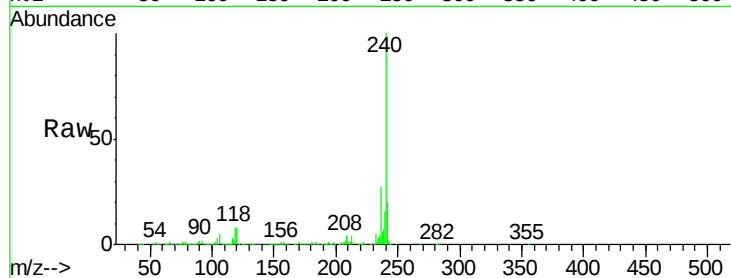
Tot Ion:240 Resp: 508462

Ion Ratio Lower Upper

240 100

120 7.7 6.8 10.2

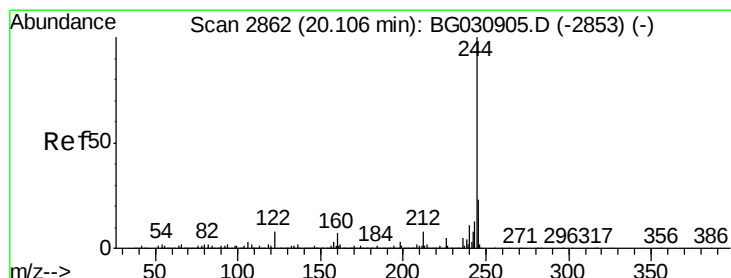
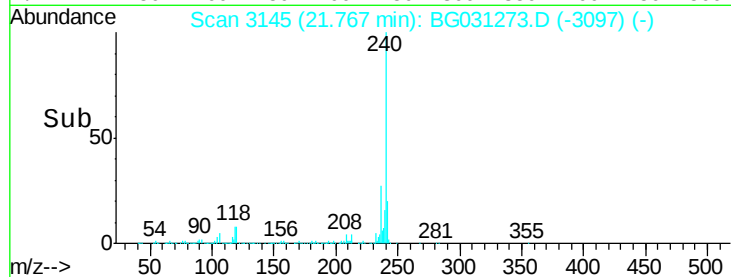
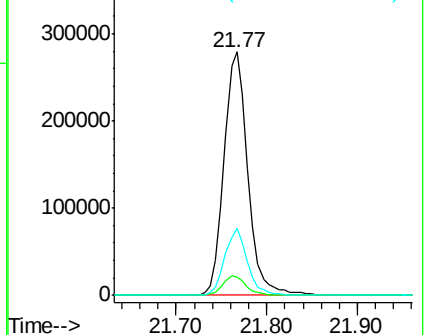
236 27.3 20.9 31.3



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: 76.08 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031273.D

Acq: 29 Nov 2017 16:37

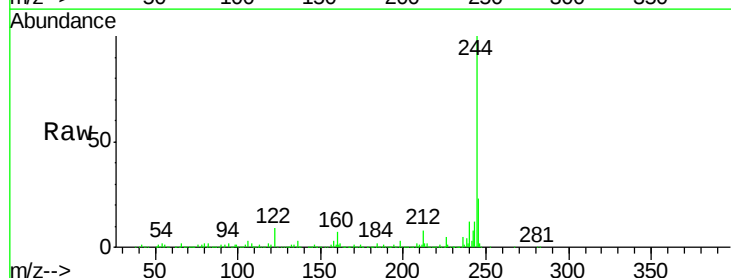
Tgt Ion:244 Resp: 1751921

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

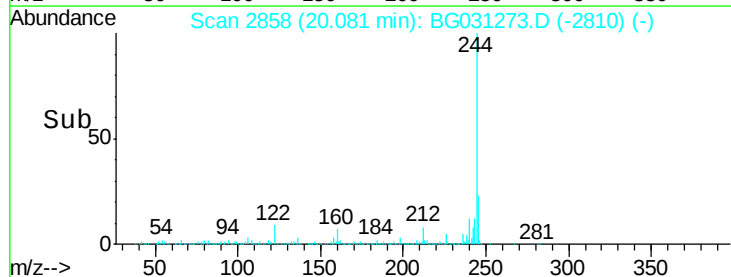
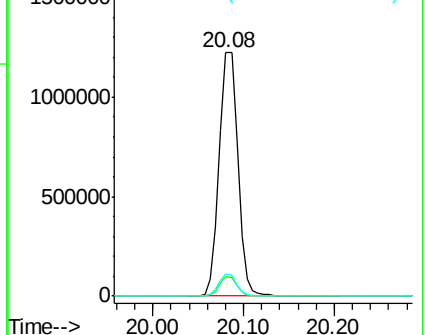
122 9.3 7.0 10.4

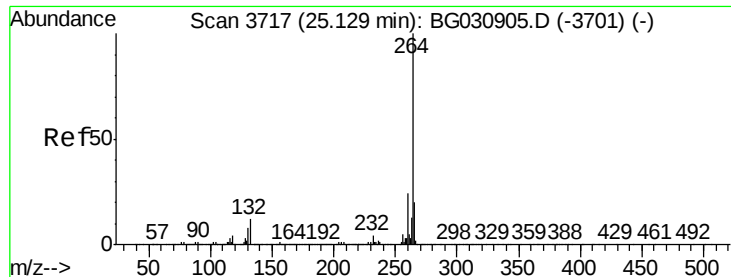


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.06 min Scan# 3706
 Delta R.T. -0.03 min
 Lab File: BG031273.D
 Acq: 29 Nov 2017 16:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	22.3	17.7	26.5

