

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102717\
 Data File : BG030519.D
 Acq On : 28 Oct 2017 5:19
 Operator : SJ/JU
 Sample : I6101-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 28 06:21:34 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

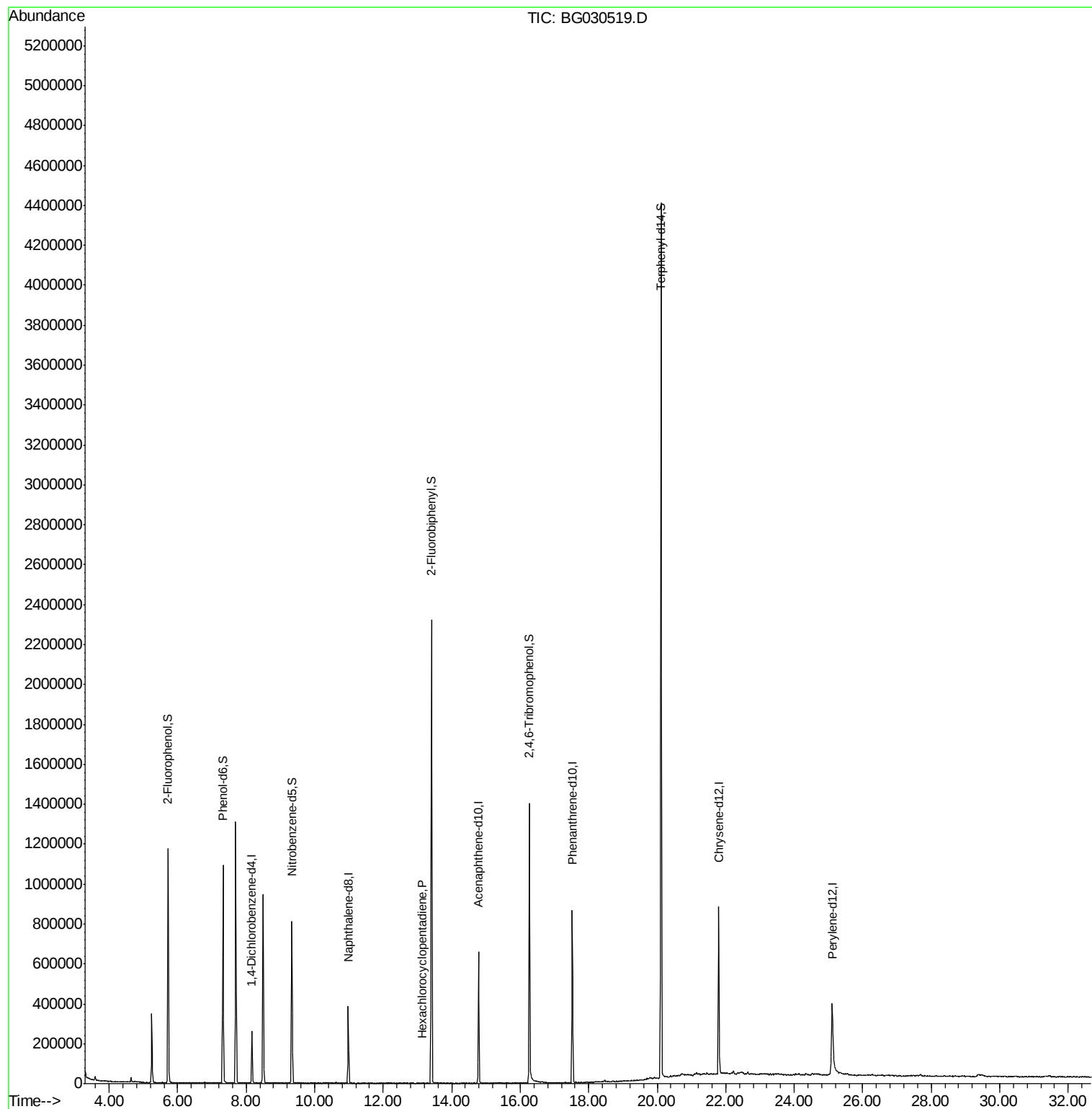
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	74477	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	341195	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	229501	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	537250	20.00	ng	0.00
75) Chrysene-d12	21.80	240	568477	20.00	ng	0.00
86) Perylene-d12	25.11	264	530299	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	534244	119.83	ng	0.00
7) Phenol-d6	7.32	99	646508	103.31	ng	0.00
23) Nitrobenzene-d5	9.33	82	495300	92.25	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	324109	109.38	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1286938	82.24	ng	0.00
78) Terphenyl-d14	20.11	244	1975847	79.07	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	13.14	237	86	4.685	ng	Qvalue # 22

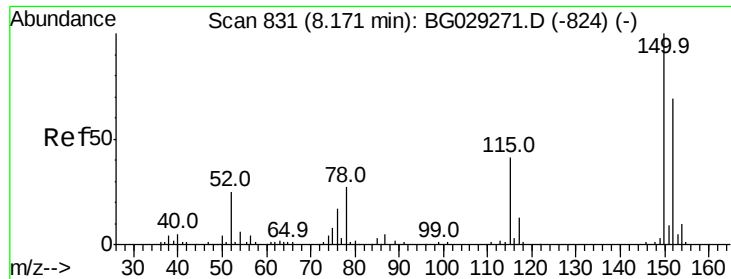
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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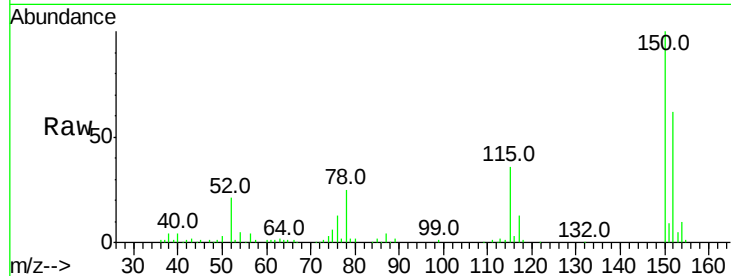


#1

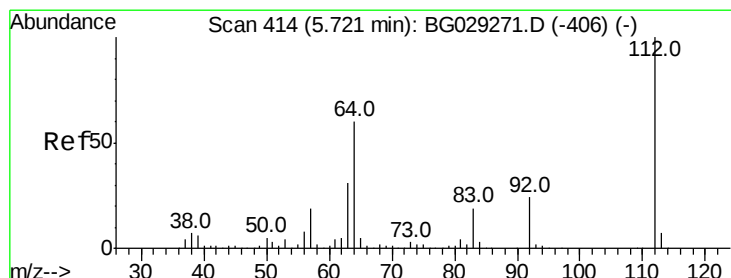
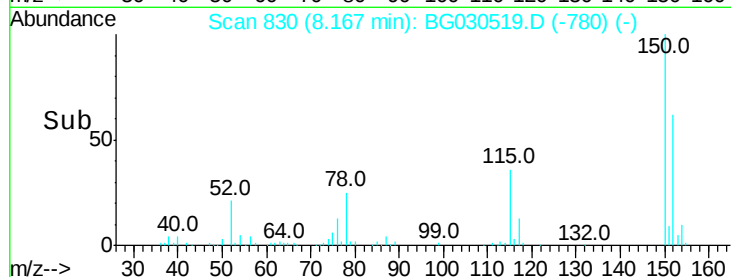
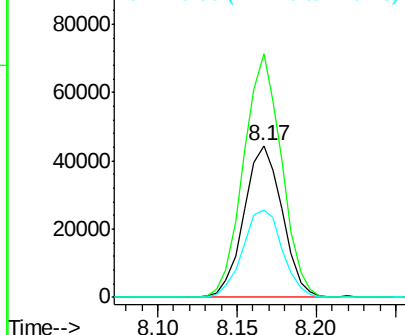
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG030519.D
Acq: 28 Oct 2017 5:19

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 74477
Ion Ratio Lower Upper
152 100
150 160.7 126.6 189.8
115 57.9 53.0 79.4



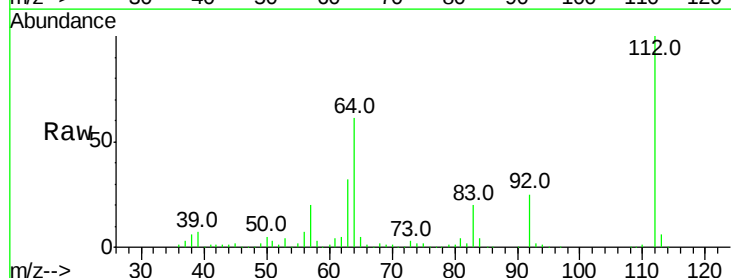
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



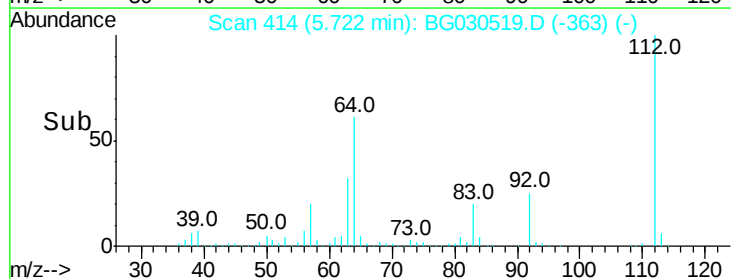
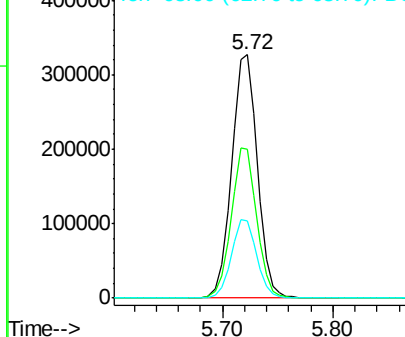
#5

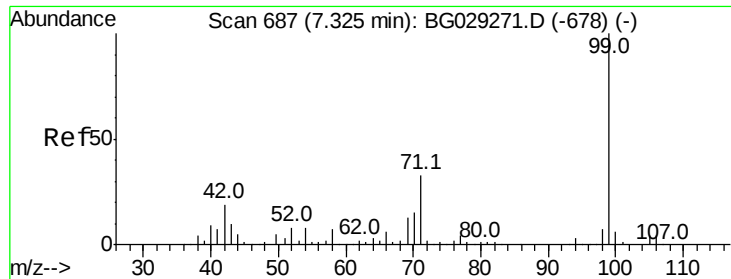
2-Fluorophenol
Concen: 119.833 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030519.D
Acq: 28 Oct 2017 5:19

Tgt Ion:112 Resp: 534244
Ion Ratio Lower Upper
112 100
64 61.0 56.3 84.5
63 31.5 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: 103.312 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030519.D

Acq: 28 Oct 2017 5:19

Instrument :

BNA_G

ClientSampled :

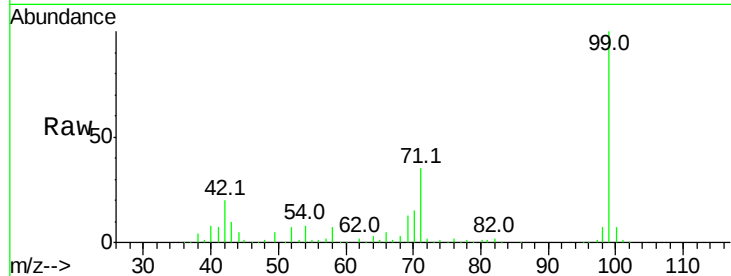
Tot Ion: 99 Resp: 646508

Ion Ratio Lower Upper

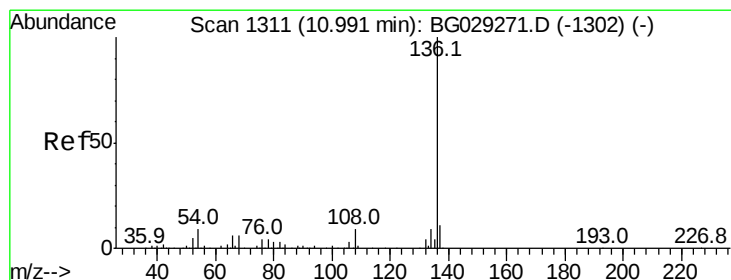
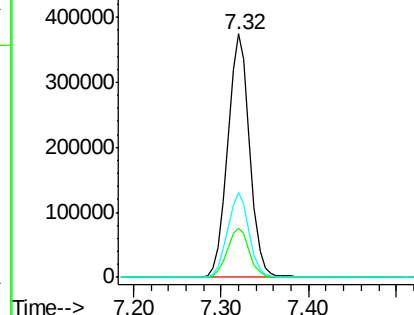
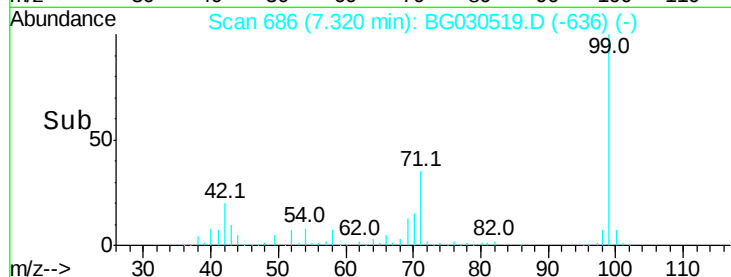
99 100

42 20.1 14.1 21.1

71 34.7 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: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG030519.D

Acq: 28 Oct 2017 5:19

Tgt Ion: 136 Resp: 341195

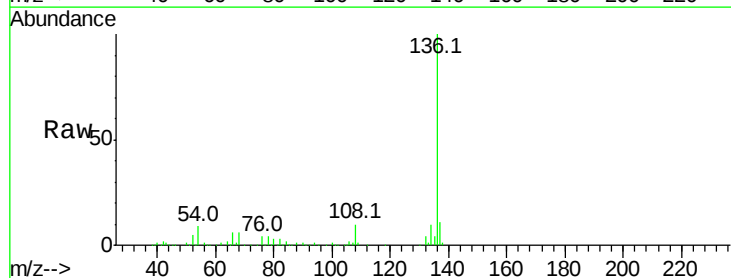
Ion Ratio Lower Upper

136 100

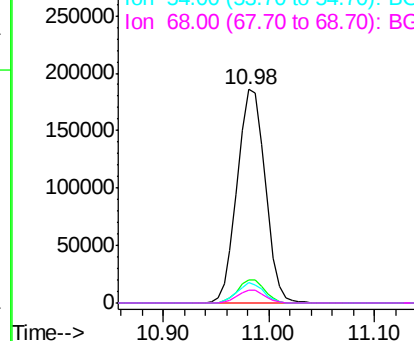
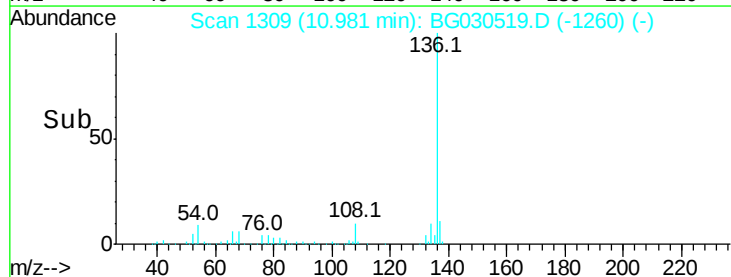
137 10.9 9.2 13.8

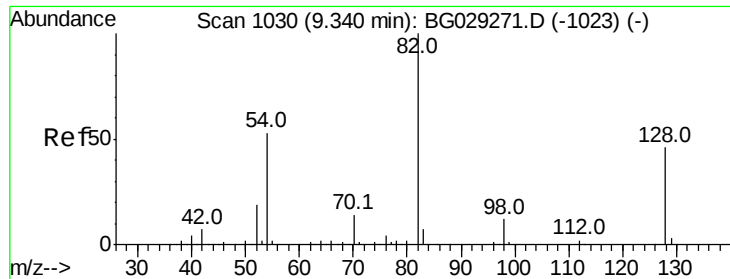
54 9.4 10.3 15.5#

68 6.2 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

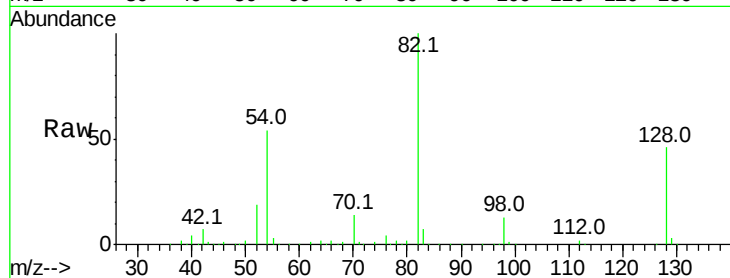




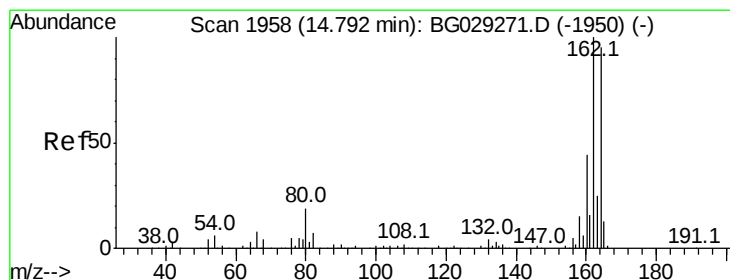
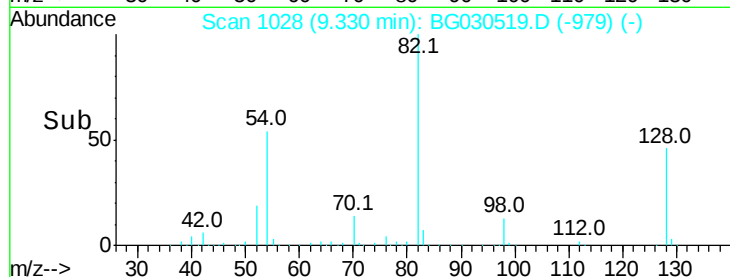
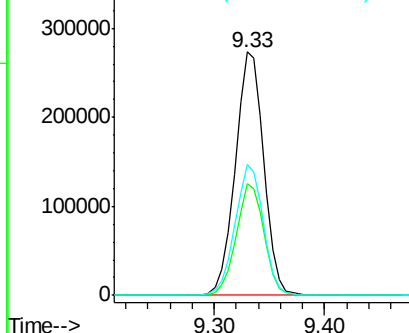
#23
 Nitrobenzene-d5
 Concen: 92.249 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG030519.D
 Acq: 28 Oct 2017 5:19

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion: 82 Resp: 495300
 Ion Ratio Lower Upper
 82 100
 128 45.8 29.7 44.5#
 54 53.7 43.1 64.7

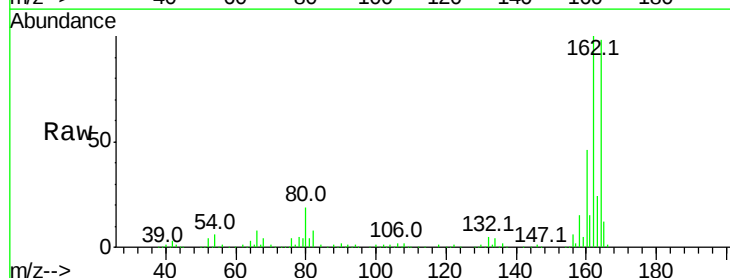


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

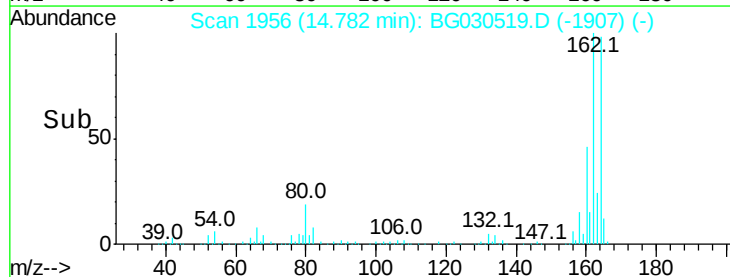
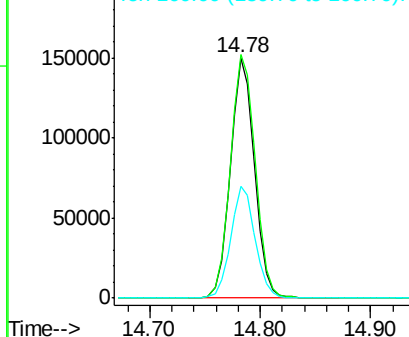


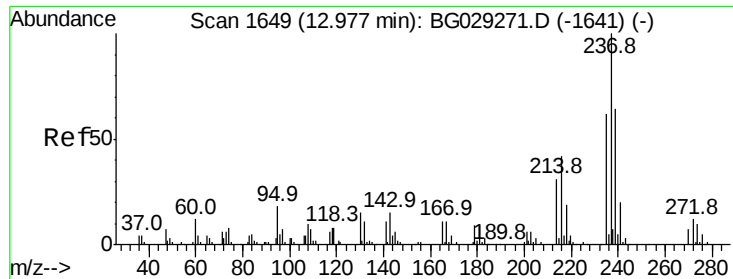
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG030519.D
 Acq: 28 Oct 2017 5:19

Tgt Ion:164 Resp: 229501
 Ion Ratio Lower Upper
 164 100
 162 101.5 78.8 118.2
 160 46.4 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

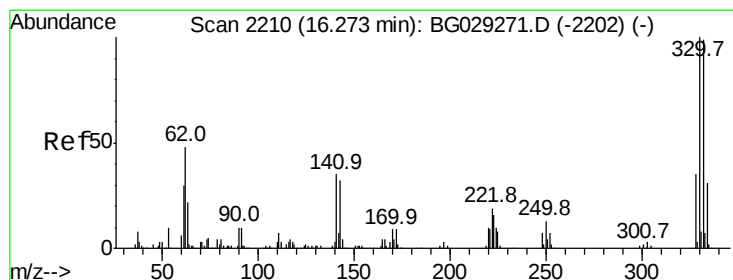
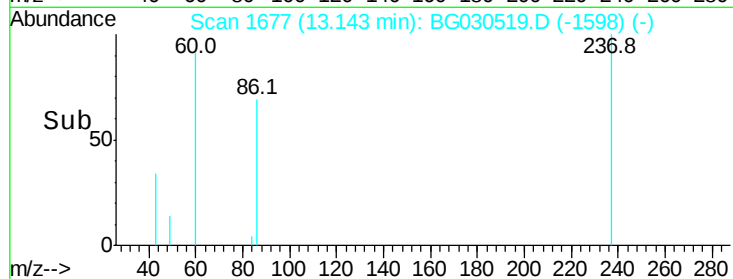
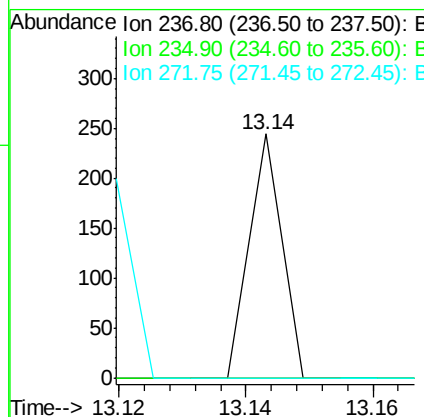
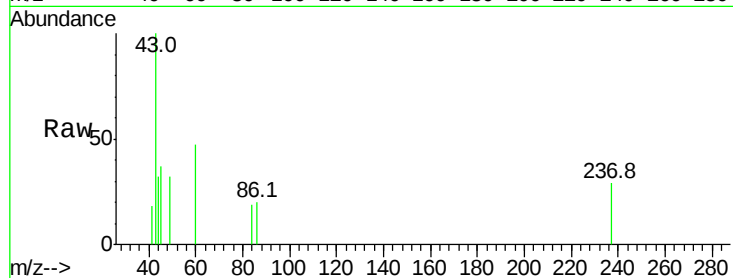




#40
Hexachlorocyclopentadiene
Concen: 4.685 ng
RT: 13.14 min Scan# 1677
Delta R.T. 0.17 min
Lab File: BG030519.D
Acq: 28 Oct 2017 5:19

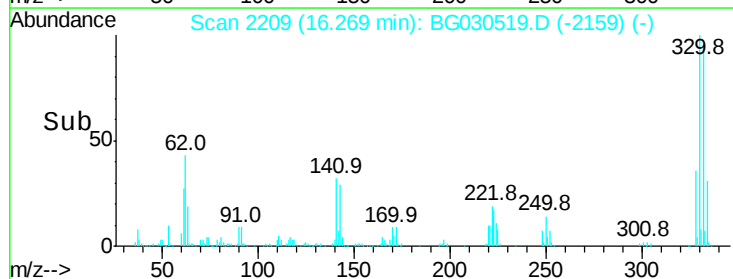
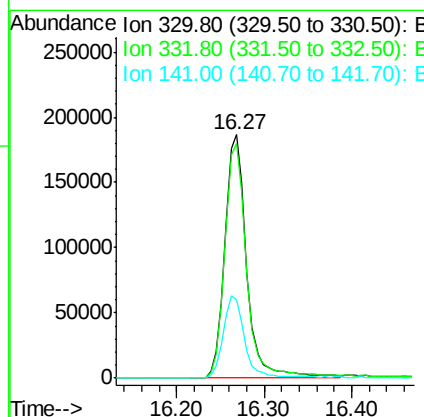
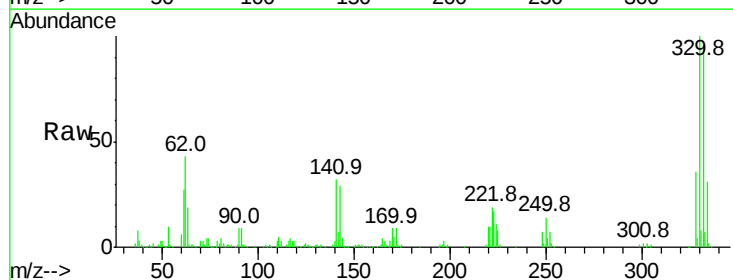
Instrument :
BNA_G
ClientSampled :

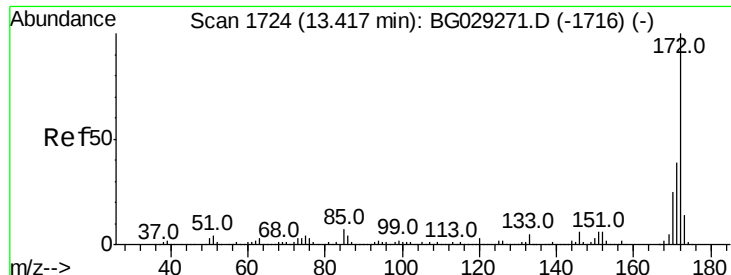
Tot Ion: 237 Resp: 86
Ion Ratio Lower Upper
237 100
235 0.0 50.4 90.4#
272 0.0 0.0 31.8



#41
2,4,6-Tribromophenol
Concen: 109.382 ng
RT: 16.27 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BG030519.D
Acq: 28 Oct 2017 5:19

Tgt Ion: 330 Resp: 324109
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 33.2 25.2 37.8



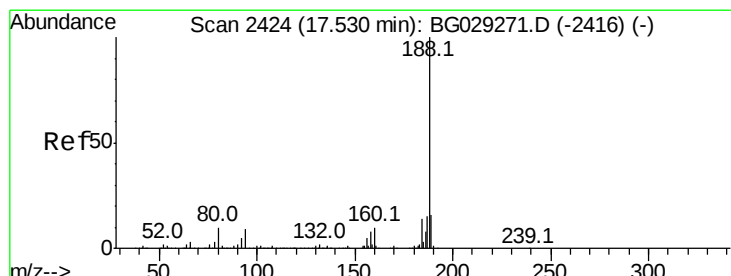
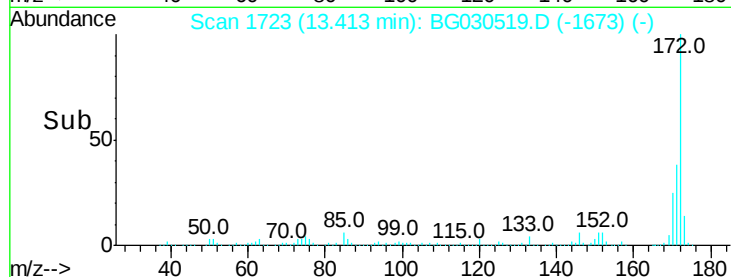
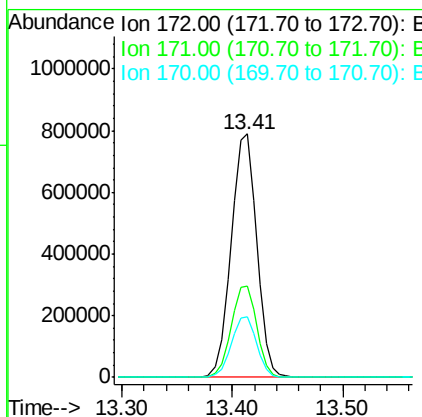
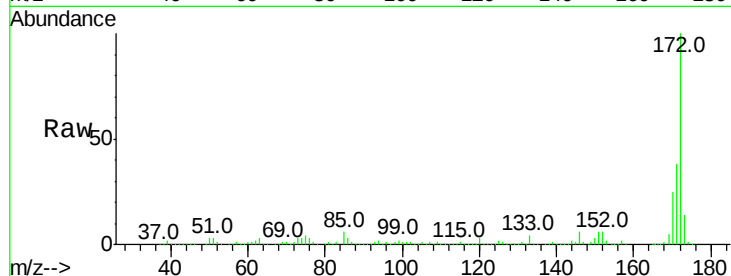


#44
 2-Fluorobiphenyl
 Concen: 82.243 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG030519.D
 Acq: 28 Oct 2017 5:19

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 1286938

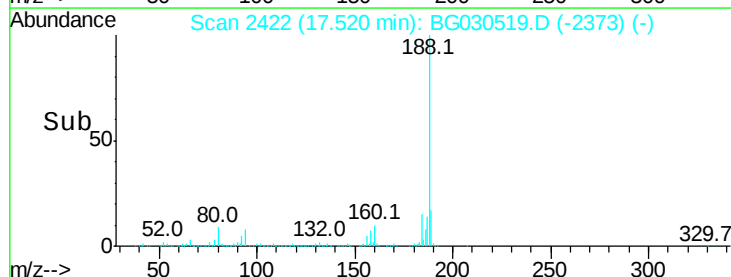
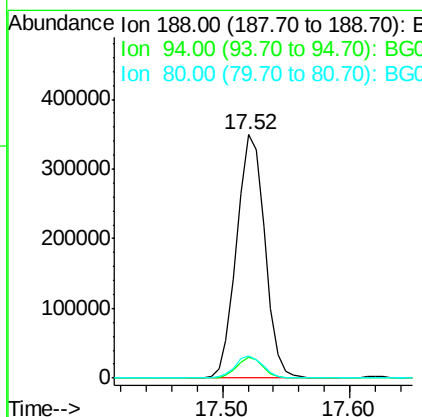
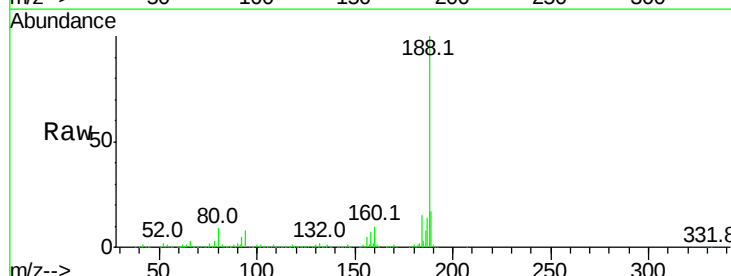
Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.8	19.5	29.3

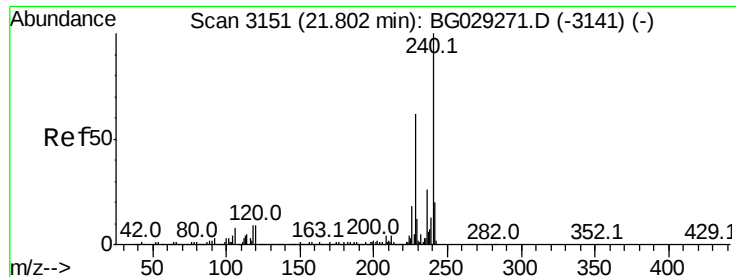


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG030519.D
 Acq: 28 Oct 2017 5:19

Tgt Ion:188 Resp: 537250

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.9	10.3
80	9.3	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG030519.D

Acq: 28 Oct 2017 5:19

Instrument :

BNA_G

ClientSampleId :

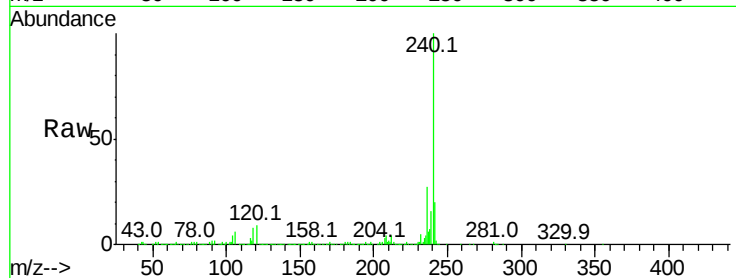
Tot Ion:240 Resp: 568477

Ion Ratio Lower Upper

240 100

120 8.8 6.8 10.2

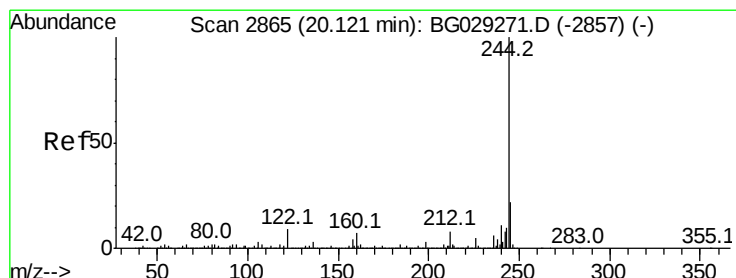
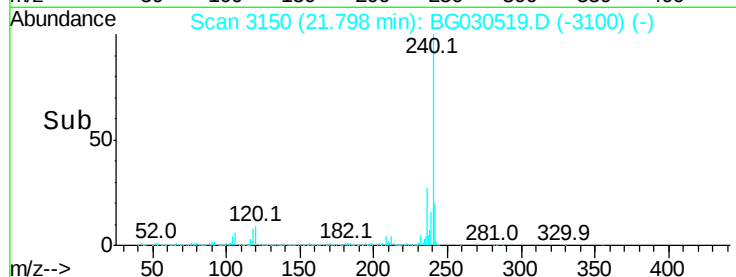
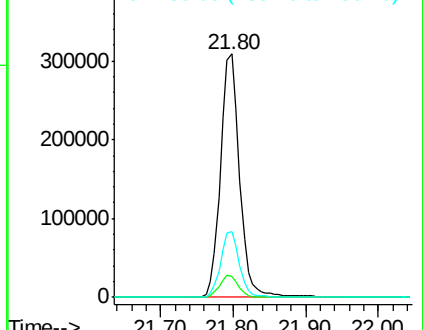
236 27.1 20.9 31.3



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: 79.069 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030519.D

Acq: 28 Oct 2017 5:19

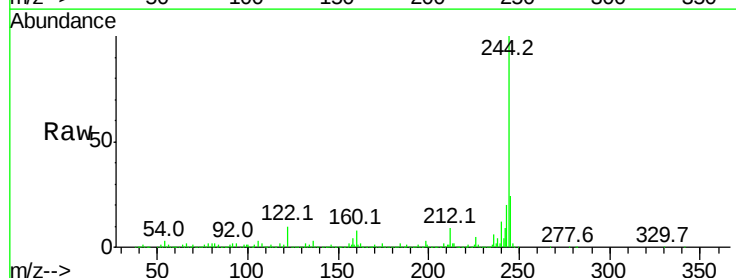
Tgt Ion:244 Resp: 1975847

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

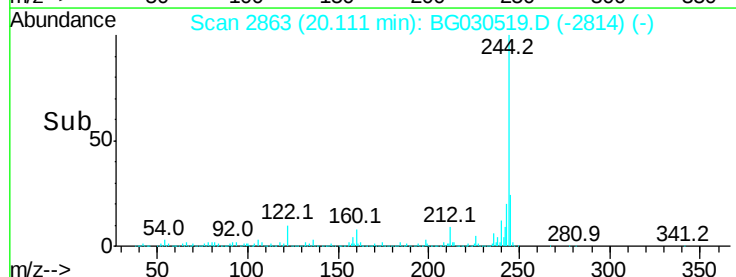
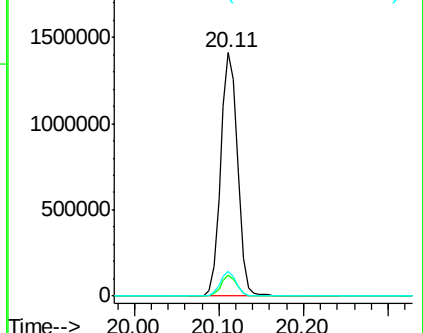
122 10.2 7.0 10.4

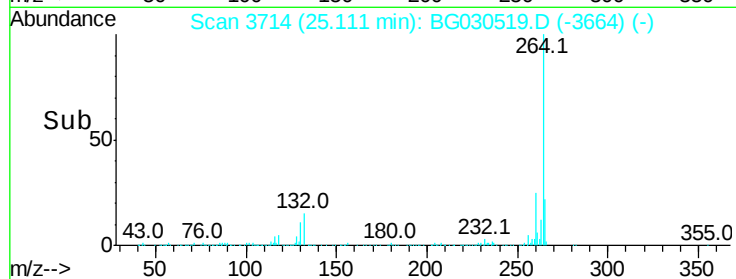
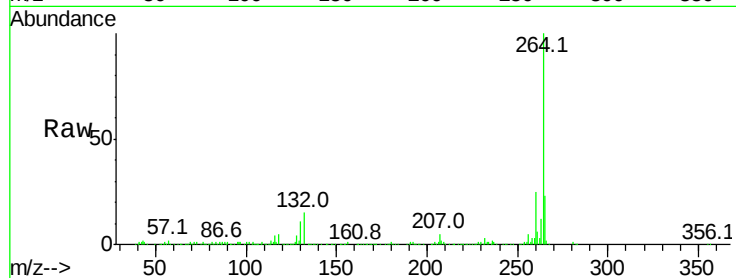
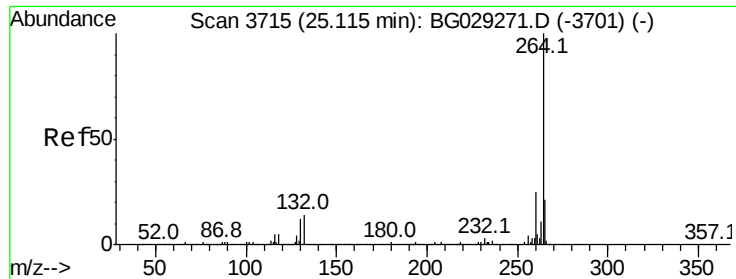


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.11 min Scan# 3714
Delta R.T. -0.00 min
Lab File: BG030519.D
Acq: 28 Oct 2017 5:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	17.4	26.0
265	22.6	17.7	26.5

