

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102717\
 Data File : BG030510.D
 Acq On : 27 Oct 2017 23:22
 Operator : SJ/JU
 Sample : I6141-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 28 02:19:25 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

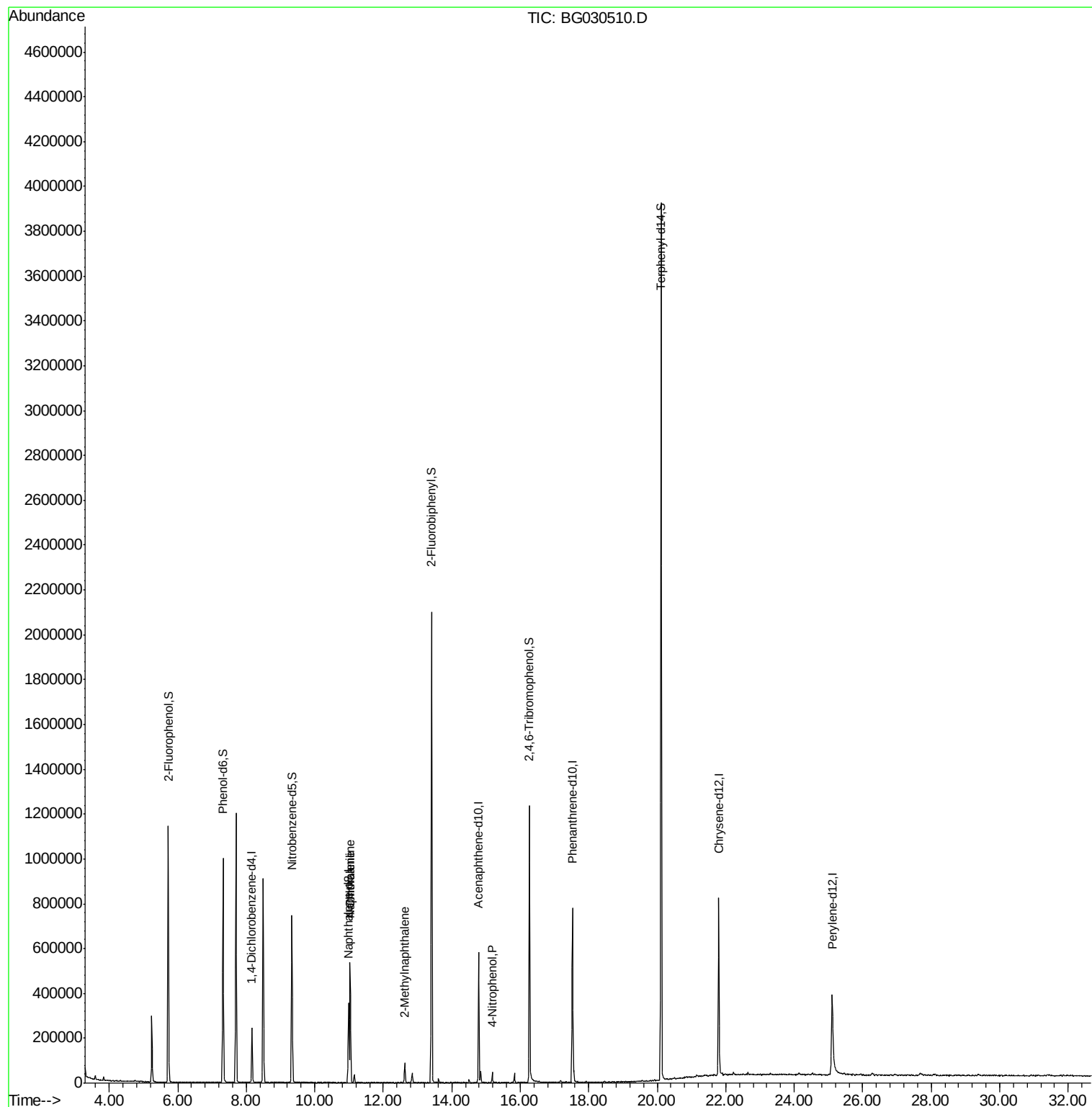
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	69952	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	320703	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	207817	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	496607	20.00	ng	0.00
75) Chrysene-d12	21.80	240	524379	20.00	ng	0.00
86) Perylene-d12	25.11	264	503299	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	514183	122.79	ng	0.00
7) Phenol-d6	7.32	99	606306	103.16	ng	0.00
23) Nitrobenzene-d5	9.33	82	455201	90.20	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	269800	100.55	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1164017	82.15	ng	0.00
78) Terphenyl-d14	20.11	244	1890283	82.01	ng	-0.01
Target Compounds						
31) Naphthalene	11.03	128	466260	29.172	ng	99
33) 4-Chloroaniline	11.03	127	63703	9.475	ng	# 33
37) 2-Methylnaphthalene	12.62	142	43921	3.770	ng	88
55) 4-Nitrophenol	15.18	139	12358	4.087	ng	# 1

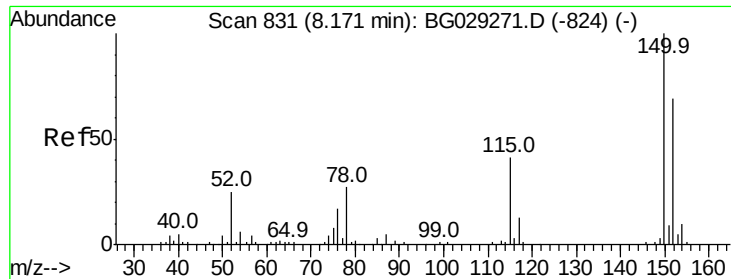
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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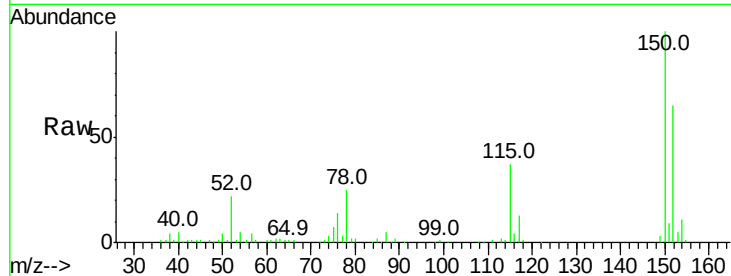


#1

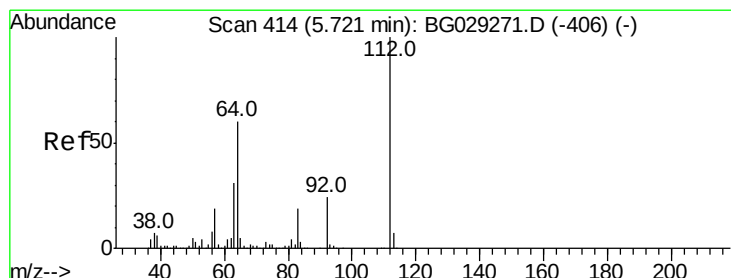
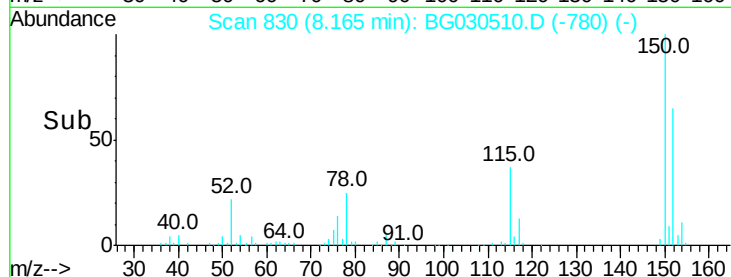
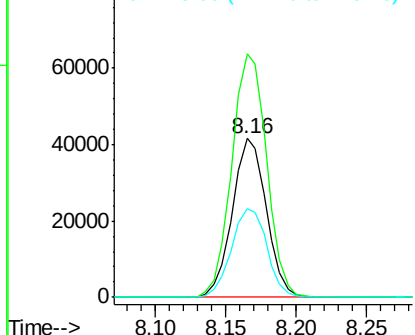
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG030510.D
Acq: 27 Oct 2017 23:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 69952
Ion Ratio Lower Upper
152 100
150 153.3 126.6 189.8
115 56.3 53.0 79.4



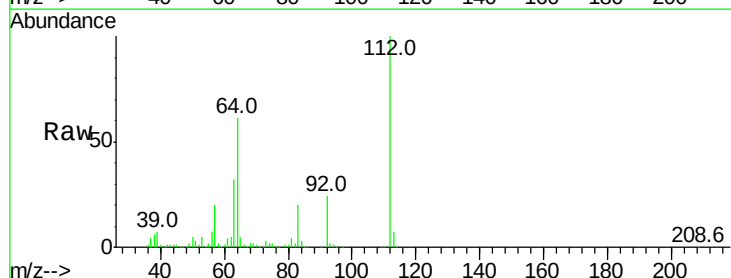
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



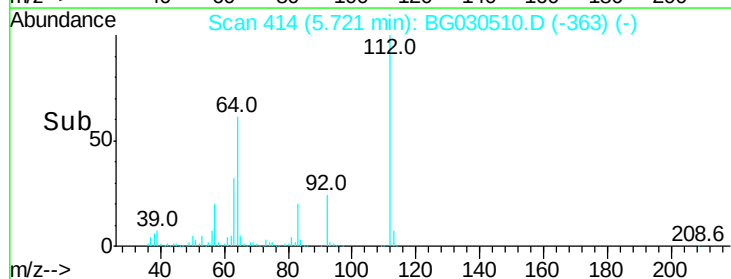
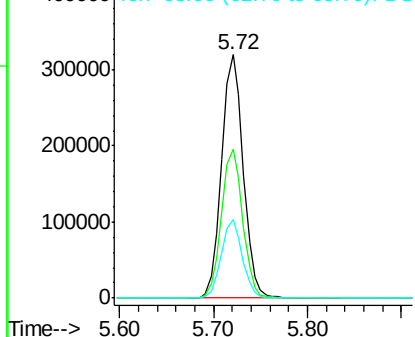
#5

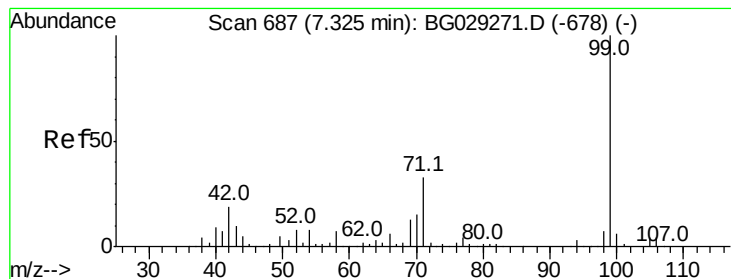
2-Fluorophenol
Concen: 122.794 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030510.D
Acq: 27 Oct 2017 23:22

Tgt Ion:112 Resp: 514183
Ion Ratio Lower Upper
112 100
64 60.9 56.3 84.5
63 32.1 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: 103.155 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG030510.D

Acq: 27 Oct 2017 23:22

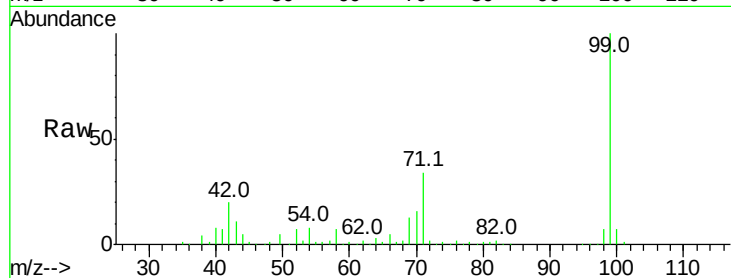
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 606306

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.1	21.1
71	34.5	26.1	39.1

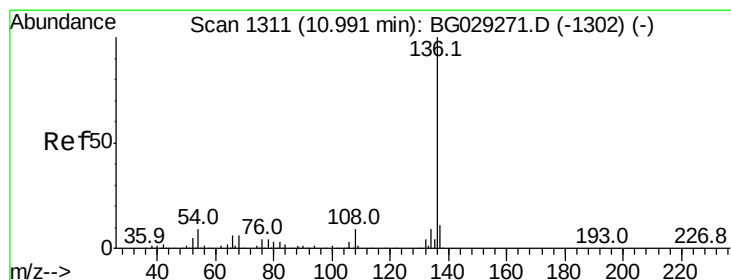
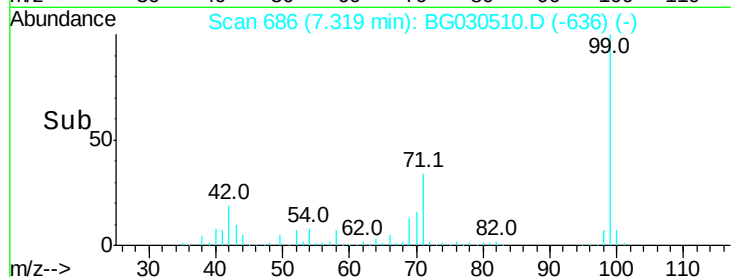
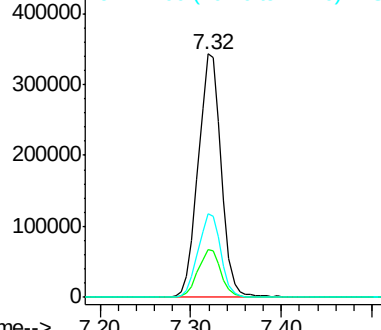


Abundance

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: 20.000 ng

RT: 10.99 min Scan# 1310

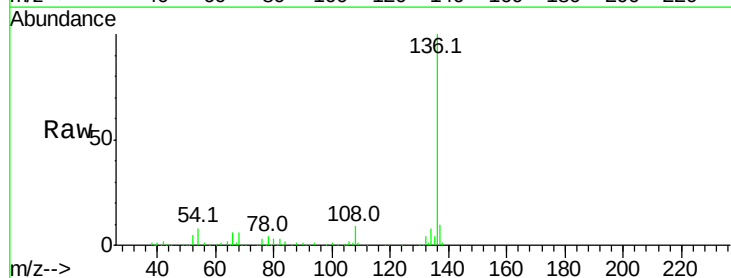
Delta R.T. -0.01 min

Lab File: BG030510.D

Acq: 27 Oct 2017 23:22

Tgt Ion: 136 Resp: 320703

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	8.0	10.3	15.5#
68	6.4	4.5	6.7



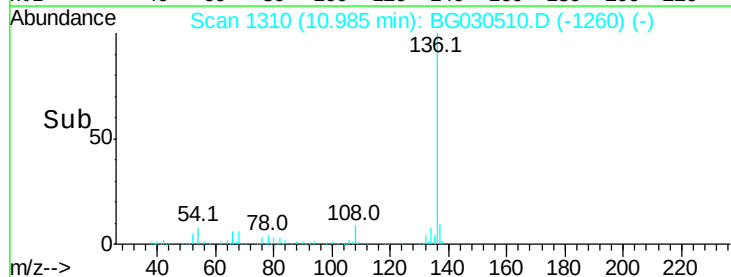
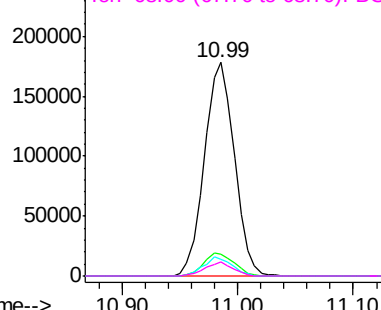
Abundance

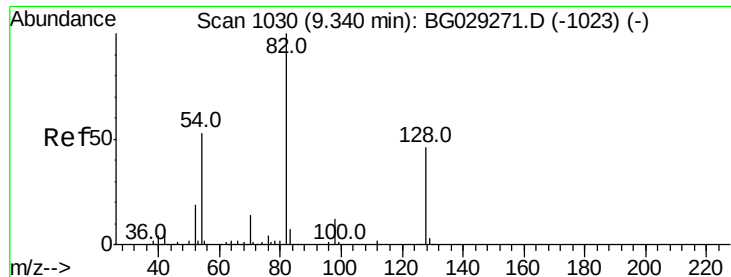
Ion 136.00 (135.70 to 136.70): BGC

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

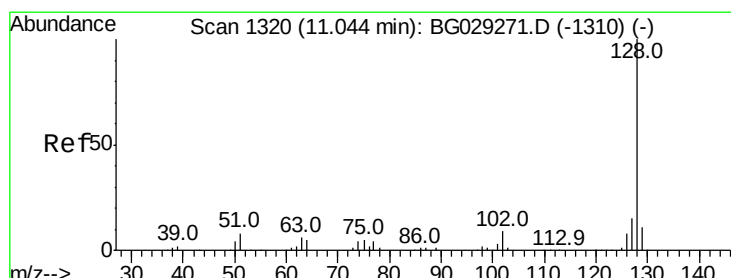
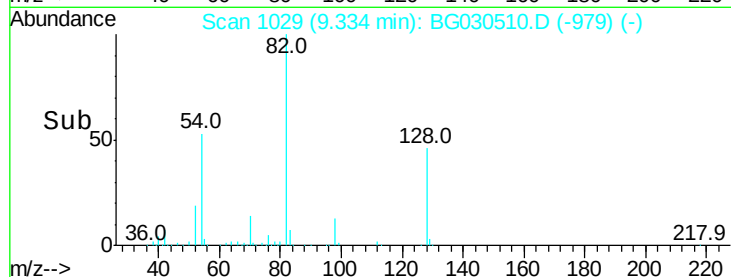
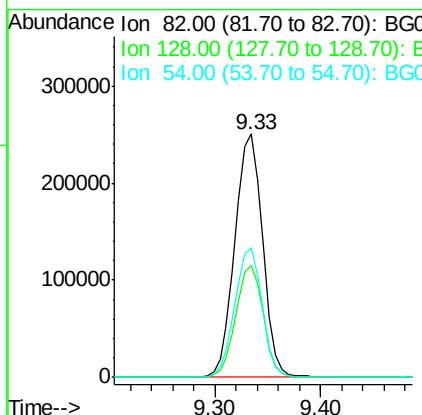
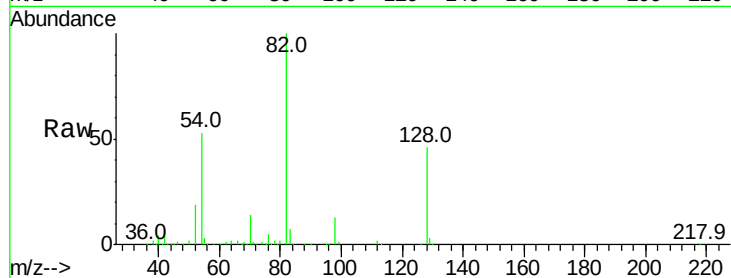




#23
Nitrobenzene-d5
Concen: 90.198 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG030510.D
Acq: 27 Oct 2017 23:22

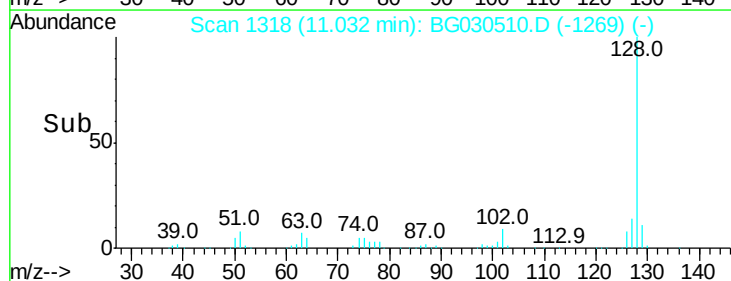
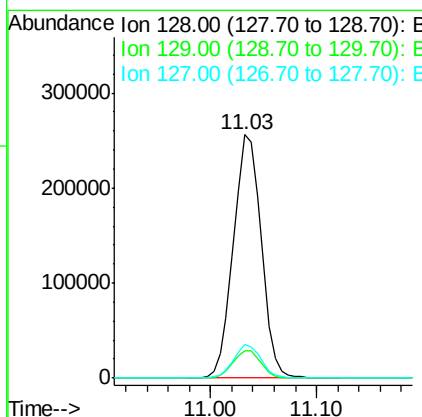
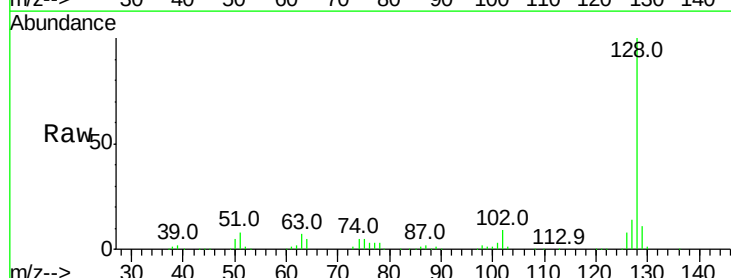
Instrument :
BNA_G
ClientSampleId :

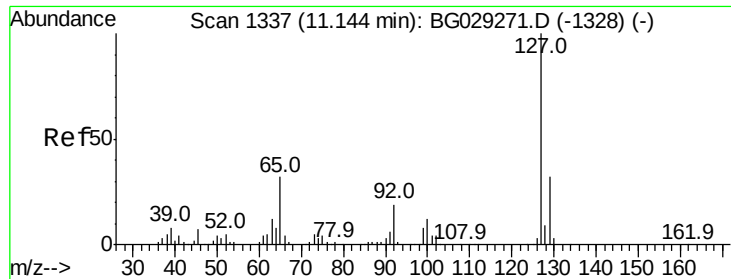
Tot Ion: 82 Resp: 455201
Ion Ratio Lower Upper
82 100
128 45.8 29.7 44.5#
54 53.3 43.1 64.7



#31
Naphthalene
Concen: 29.172 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG030510.D
Acq: 27 Oct 2017 23:22

Tgt Ion: 128 Resp: 466260
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 14.0 11.6 17.4

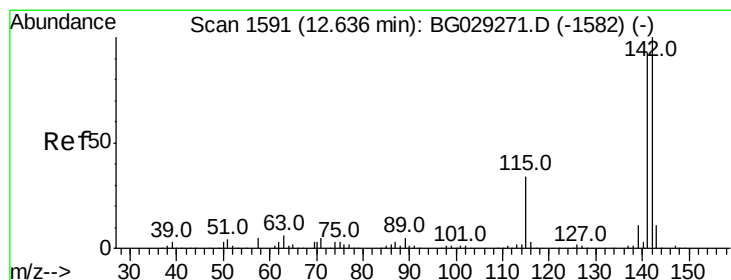
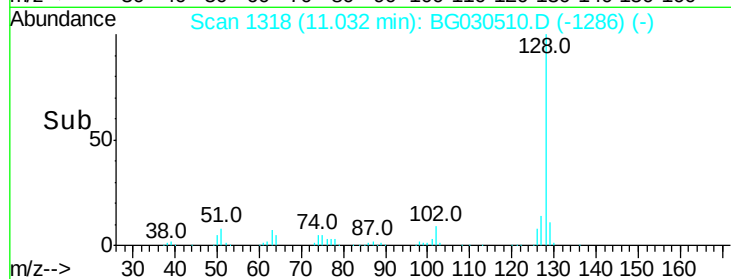
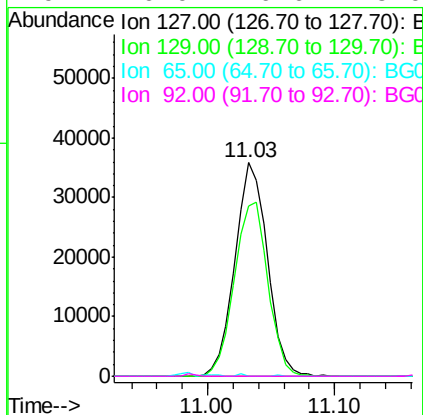
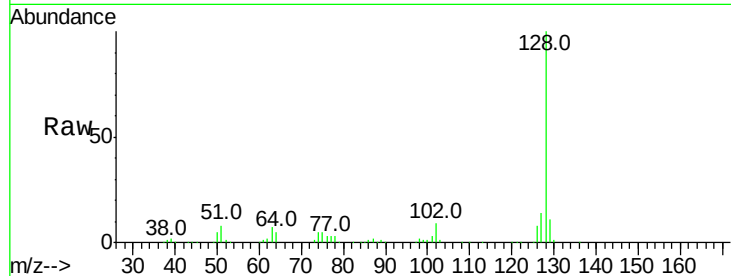




#33
 4-Chloroaniline
 Concen: 9.475 ng
 RT: 11.03 min Scan# 1318
 Delta R.T. -0.11 min
 Lab File: BG030510.D
 Acq: 27 Oct 2017 23:22

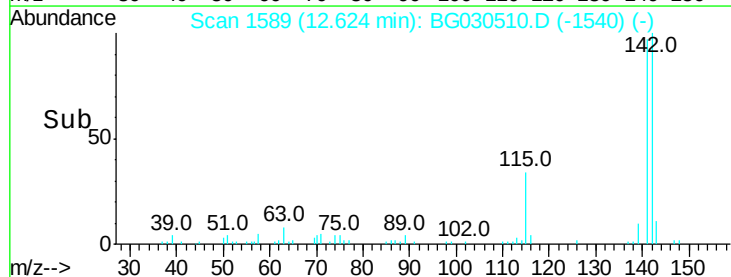
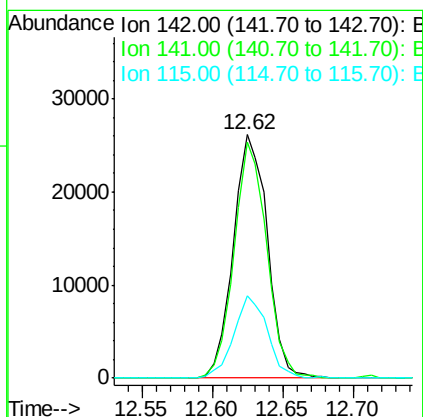
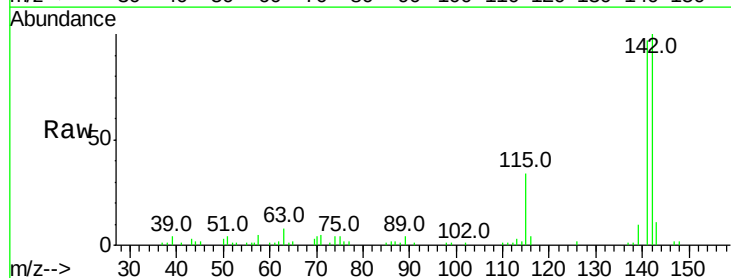
Instrument :
 BNA_G
 ClientSampleId :

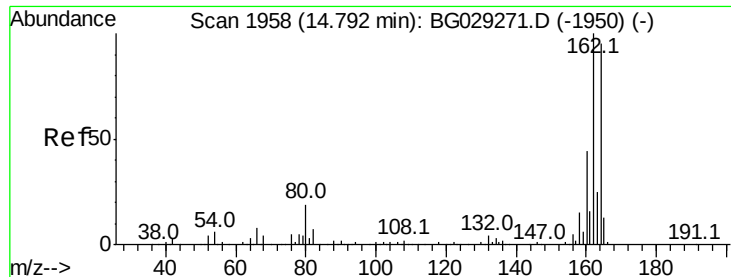
Tot Ion:127 Resp: 63703
 Ion Ratio Lower Upper
 127 100
 129 79.8 24.0 36.0#
 65 0.0 27.0 40.4#
 92 0.0 16.6 25.0#



#37
 2-Methylnaphthalene
 Concen: 3.770 ng
 RT: 12.62 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BG030510.D
 Acq: 27 Oct 2017 23:22

Tgt Ion:142 Resp: 43921
 Ion Ratio Lower Upper
 142 100
 141 97.1 67.1 100.7
 115 33.7 30.7 46.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG030510.D

Acq: 27 Oct 2017 23:22

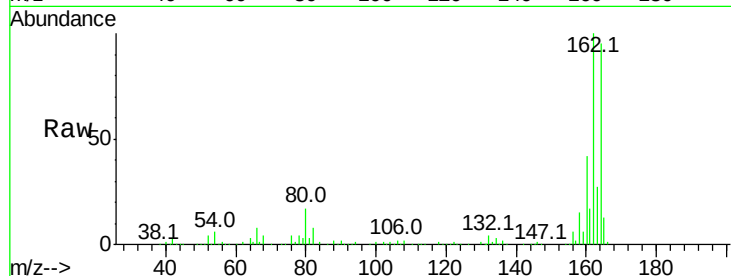
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 207817

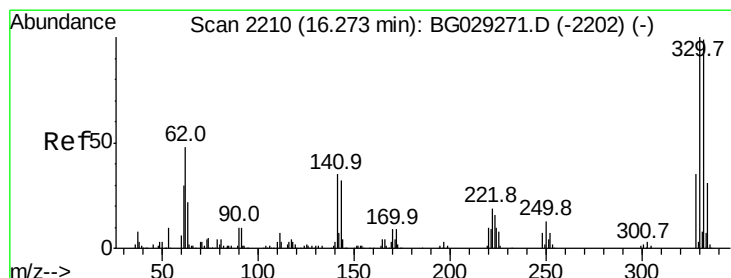
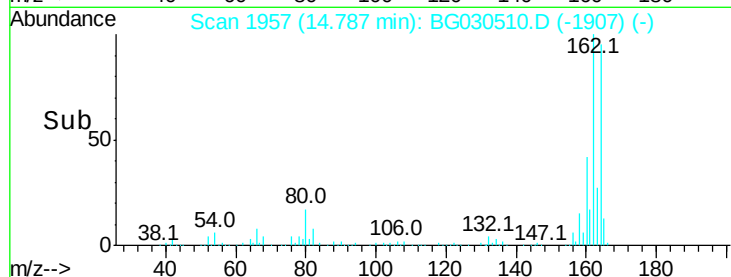
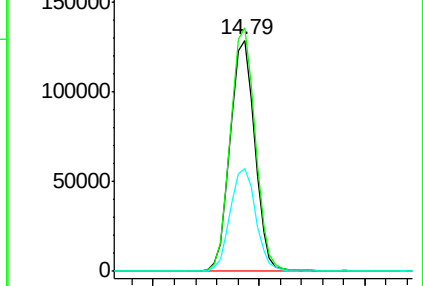
Ion	Ratio	Lower	Upper
164	100		
162	105.3	78.8	118.2
160	44.7	35.4	53.0



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: 100.554 ng

RT: 16.27 min Scan# 2209

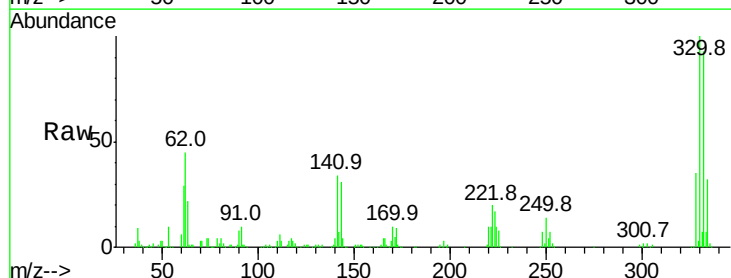
Delta R.T. -0.01 min

Lab File: BG030510.D

Acq: 27 Oct 2017 23:22

Tgt Ion:330 Resp: 269800

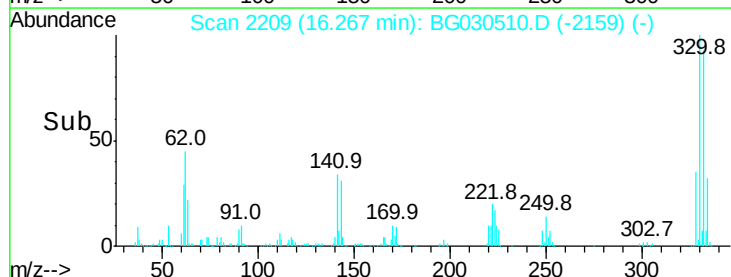
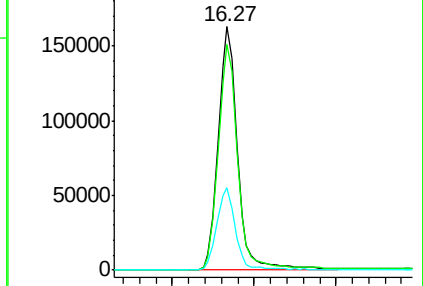
Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	33.1	25.2	37.8

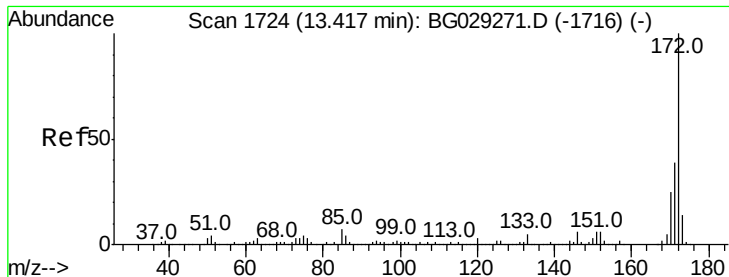


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



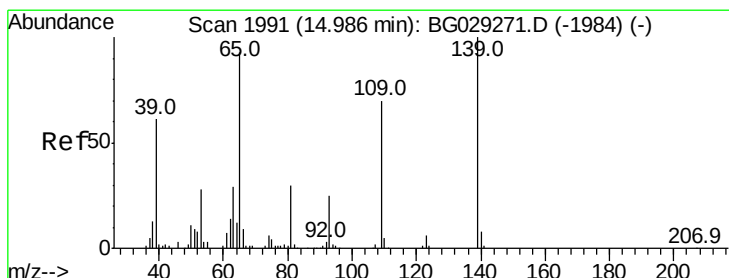
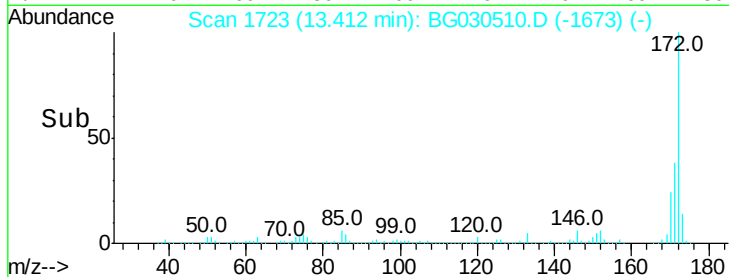
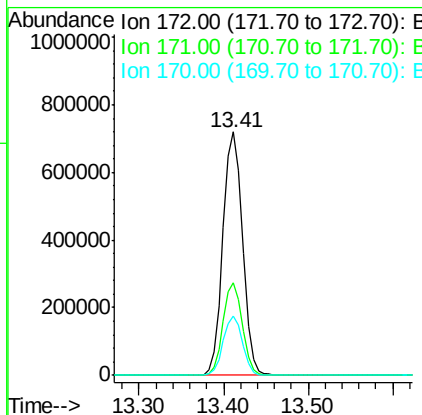
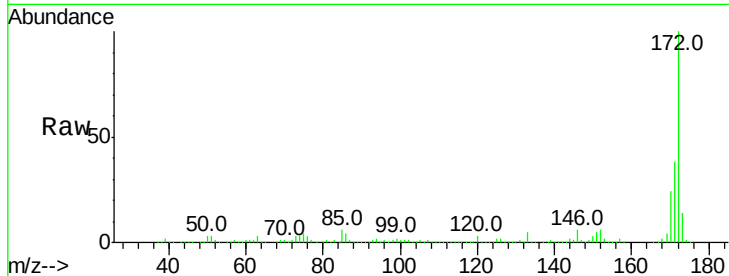


#44
 2-Fluorobiphenyl
 Concen: 82.150 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG030510.D
 Acq: 27 Oct 2017 23:22

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 1164017

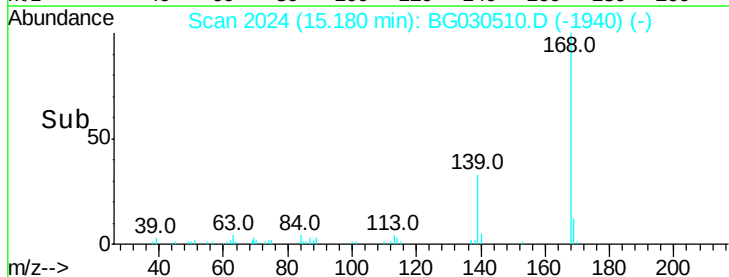
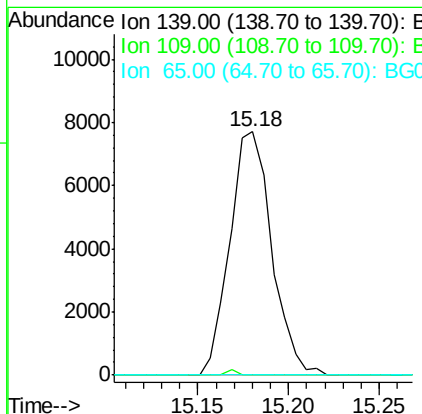
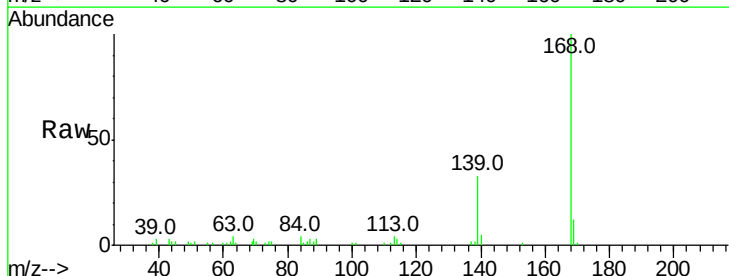
Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	24.2	19.5	29.3

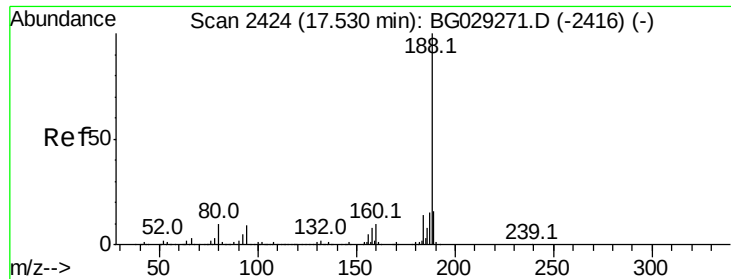


#55
 4-Nitrophenol
 Concen: 4.087 ng
 RT: 15.18 min Scan# 2024
 Delta R.T. 0.19 min
 Lab File: BG030510.D
 Acq: 27 Oct 2017 23:22

Tgt Ion:139 Resp: 12358

Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	0.0	97.2	137.2#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG030510.D

Acq: 27 Oct 2017 23:22

Instrument :

BNA_G

ClientSampleId :

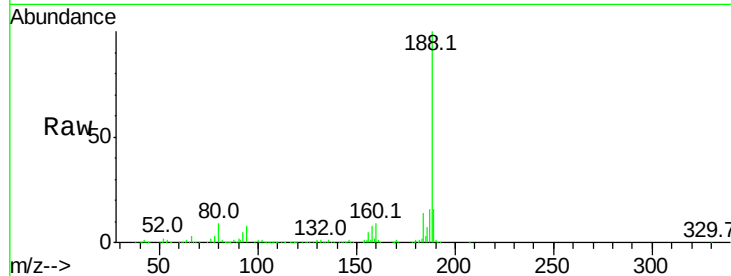
Tot Ion:188 Resp: 496607

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

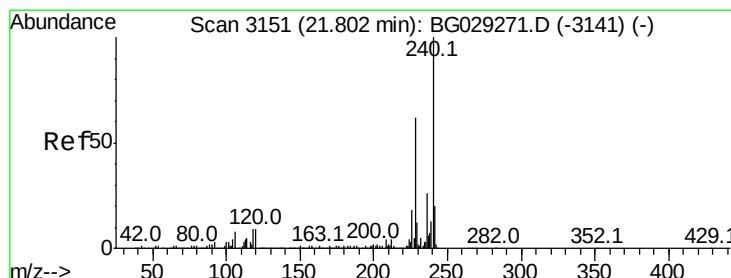
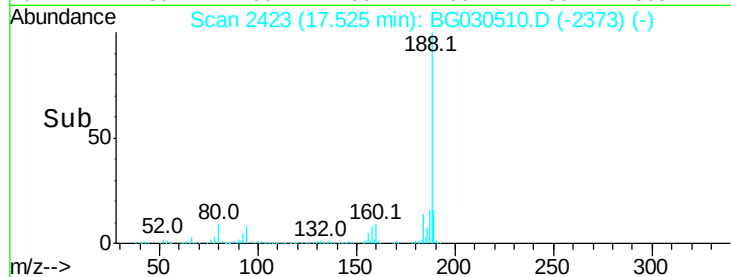
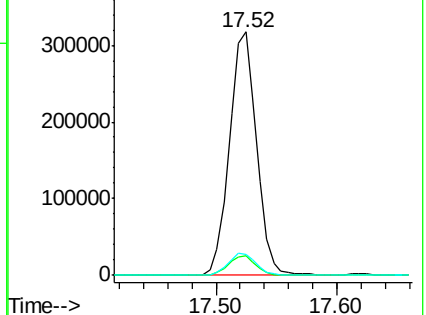
80 8.7 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG030510.D

Acq: 27 Oct 2017 23:22

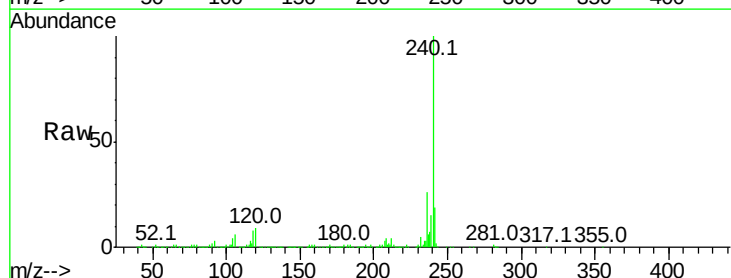
Tgt Ion:240 Resp: 524379

Ion Ratio Lower Upper

240 100

120 9.0 6.8 10.2

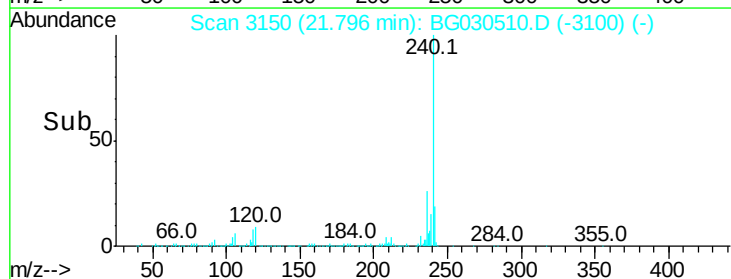
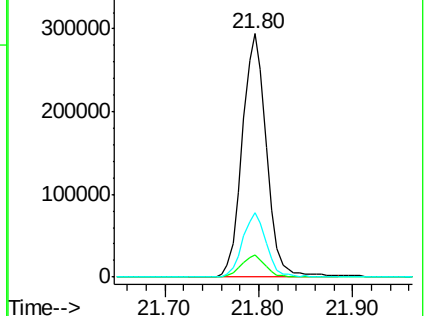
236 26.3 20.9 31.3

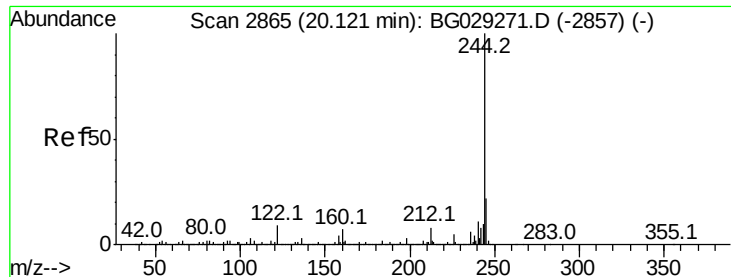


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.007 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030510.D

Acq: 27 Oct 2017 23:22

Instrument :

BNA_G

ClientSampleId :

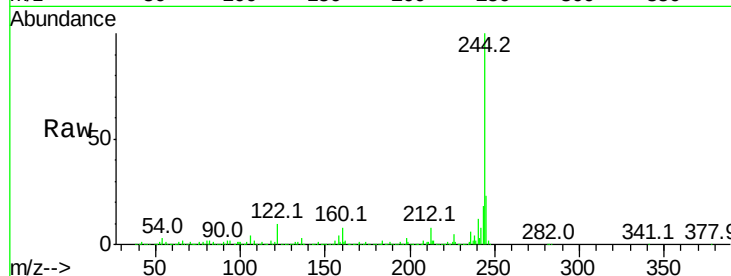
Tot Ion:244 Resp: 1890283

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

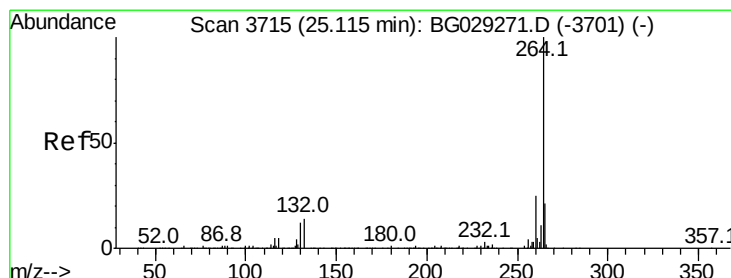
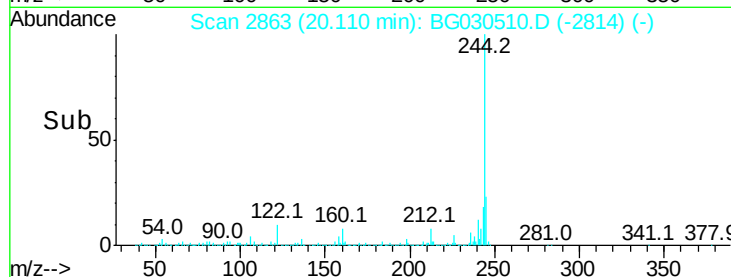
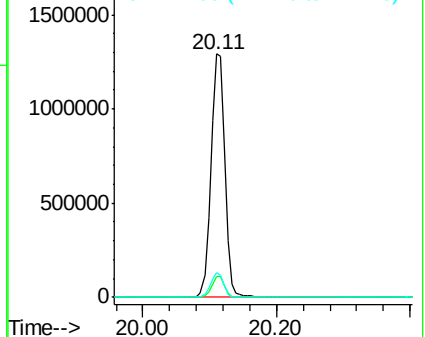
122 10.4 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3714

Delta R.T. -0.01 min

Lab File: BG030510.D

Acq: 27 Oct 2017 23:22

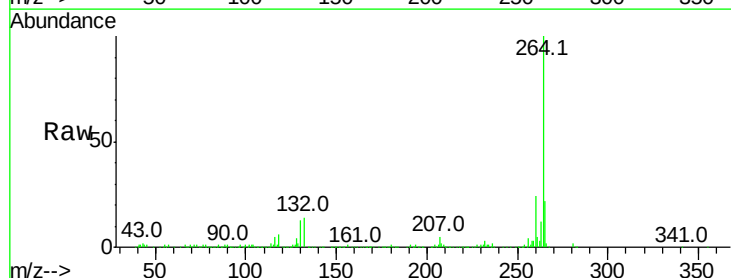
Tgt Ion:264 Resp: 503299

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 22.2 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

