

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110417\
 Data File : BG030722.D
 Acq On : 4 Nov 2017 5:01
 Operator : SJ/JU
 Sample : I6275-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 04 05:45:06 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 18:14:01 2017
 Response via : Initial Calibration

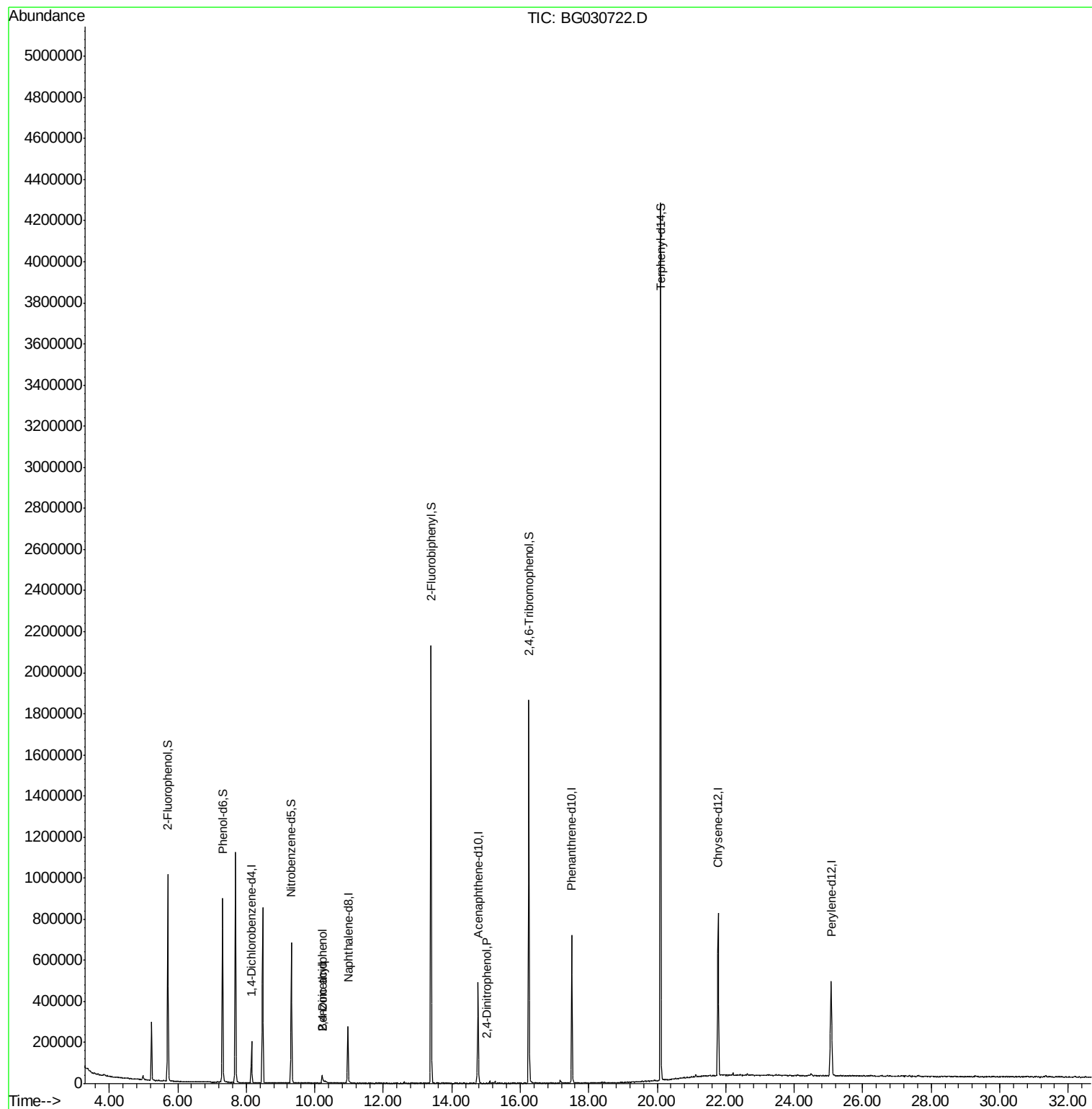
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	58274	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	254733	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	175784	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	445655	20.00	ng	0.00
75) Chrysene-d12	21.78	240	507776	20.00	ng	0.00
86) Perylene-d12	25.08	264	521785	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	466701	133.79	ng	0.00
7) Phenol-d6	7.31	99	545041	111.32	ng	0.00
23) Nitrobenzene-d5	9.32	82	417337	104.11	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	375610	165.50	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1156962	96.53	ng	0.00
78) Terphenyl-d14	20.10	244	2020538	90.52	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	10.22	122	20032	5.140	ng	# 1
32) Benzoic acid	10.22	122	20032	6.138	ng	# 88
53) 2,4-Dinitrophenol	15.02	184	55	6.663	ng	# 1

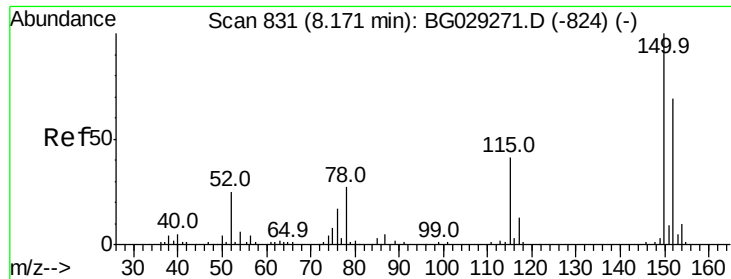
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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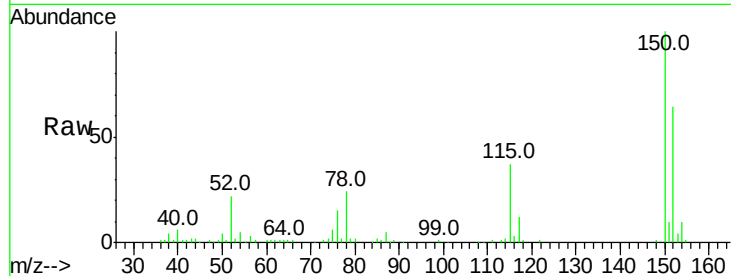


#1

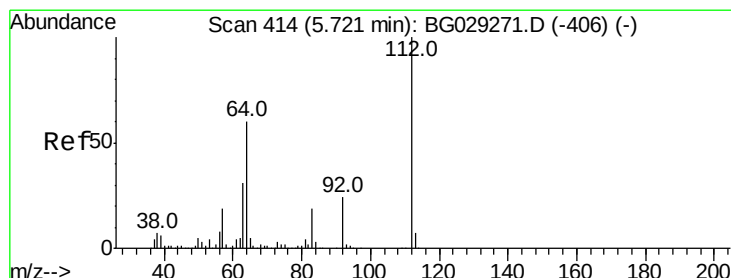
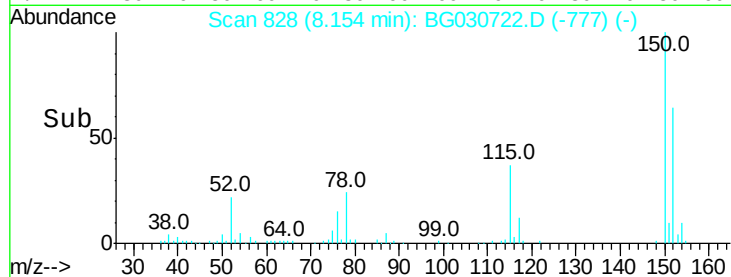
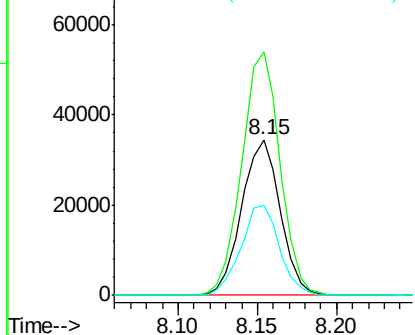
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG030722.D
Acq: 4 Nov 2017 5:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58274
Ion Ratio Lower Upper
152 100
150 156.2 126.6 189.8
115 57.7 53.0 79.4



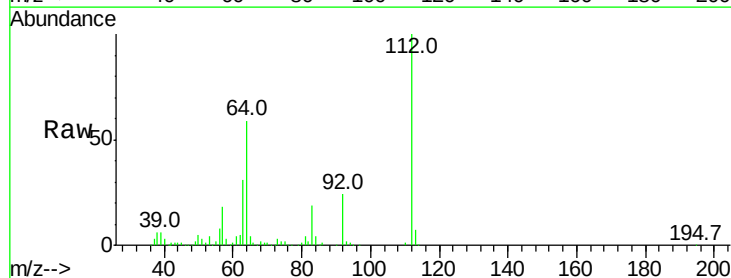
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



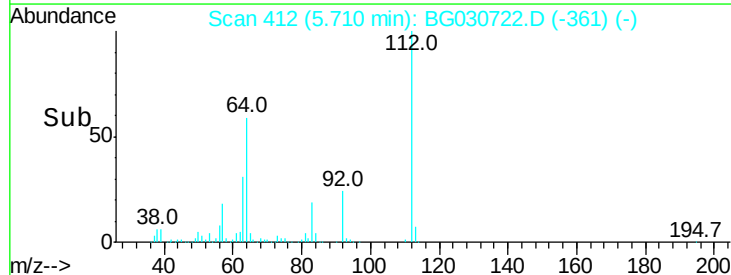
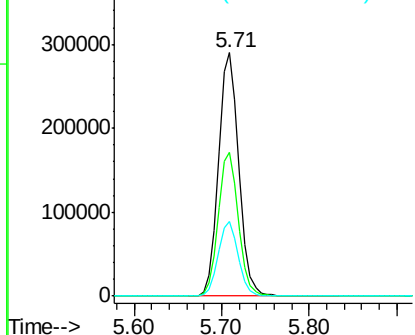
#5

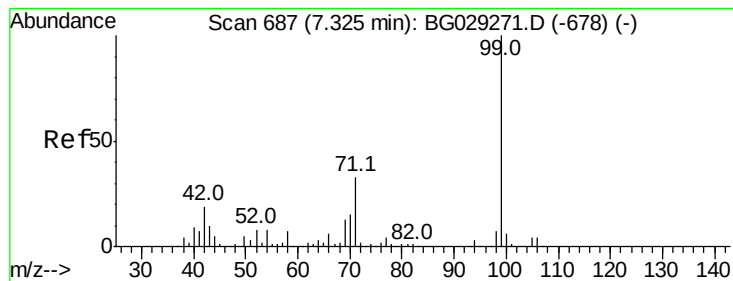
2-Fluorophenol
Concen: 133.790 ng
RT: 5.71 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG030722.D
Acq: 4 Nov 2017 5:01

Tgt Ion:112 Resp: 466701
Ion Ratio Lower Upper
112 100
64 59.0 56.3 84.5
63 30.6 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: 111.315 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030722.D

Acq: 4 Nov 2017 5:01

Instrument :

BNA_G

ClientSampleId :

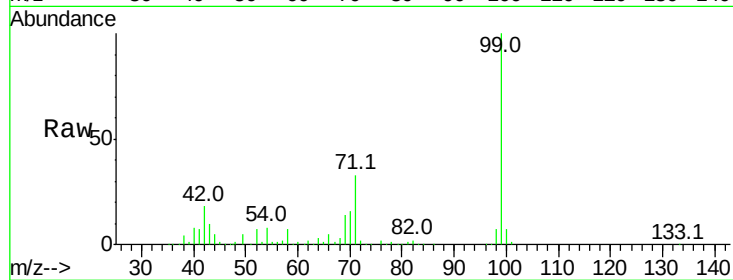
Tot Ion: 99 Resp: 545041

Ion Ratio Lower Upper

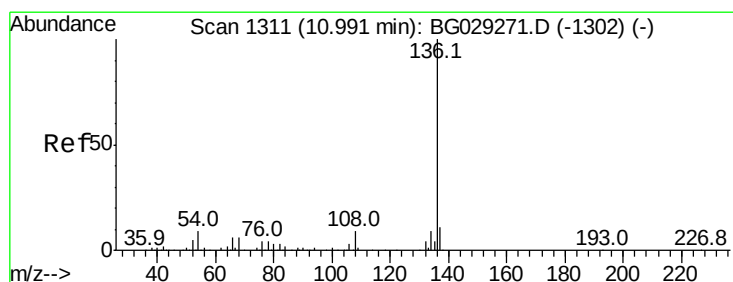
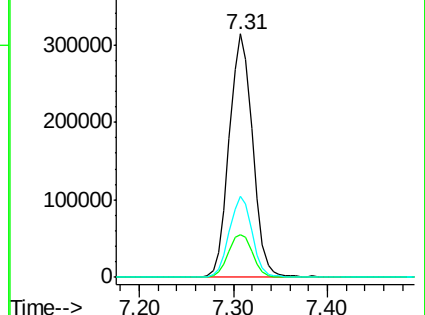
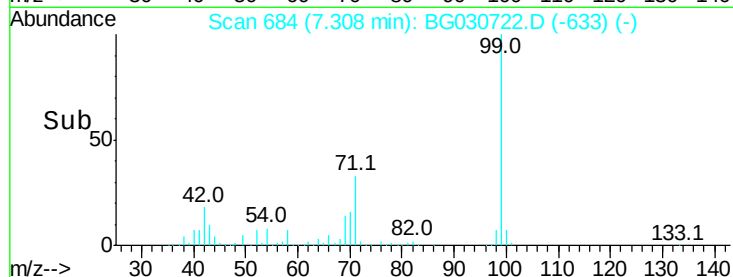
99 100

42 17.7 14.1 21.1

71 33.2 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: 10.97 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BG030722.D

Acq: 4 Nov 2017 5:01

Tgt Ion: 136 Resp: 254733

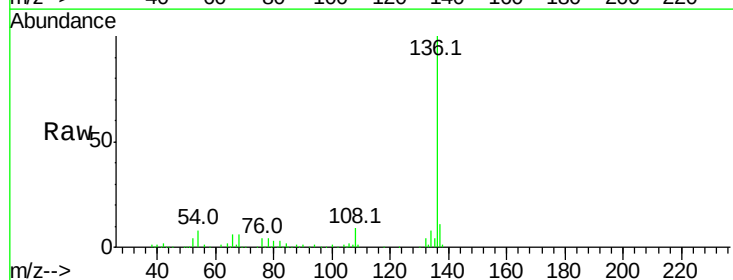
Ion Ratio Lower Upper

136 100

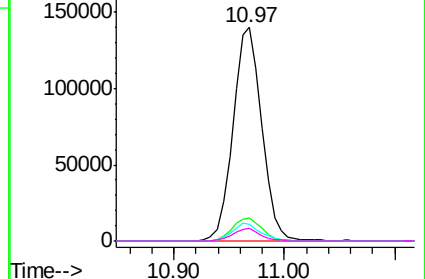
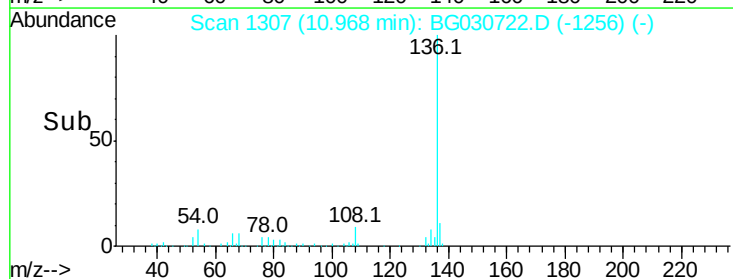
137 10.9 9.2 13.8

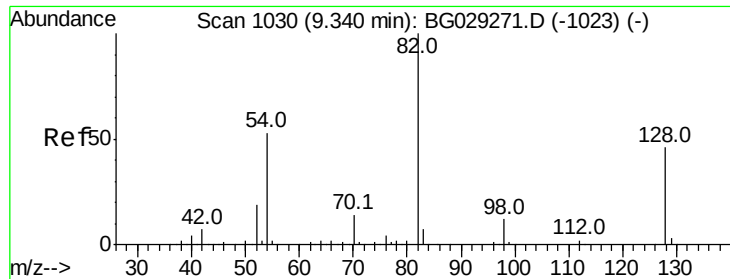
54 7.9 10.3 15.5#

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

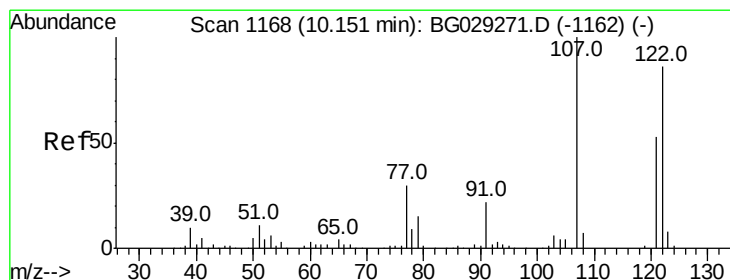
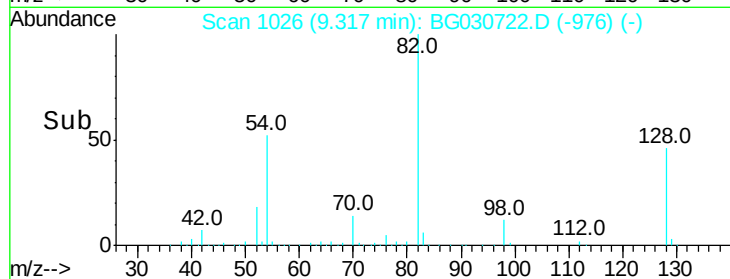
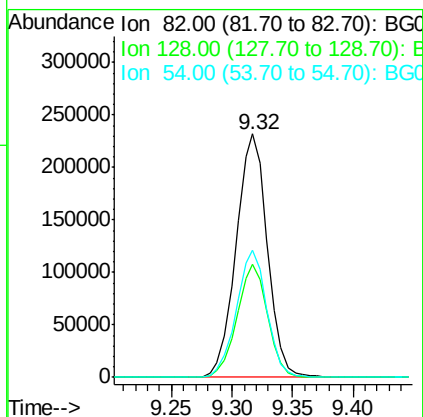
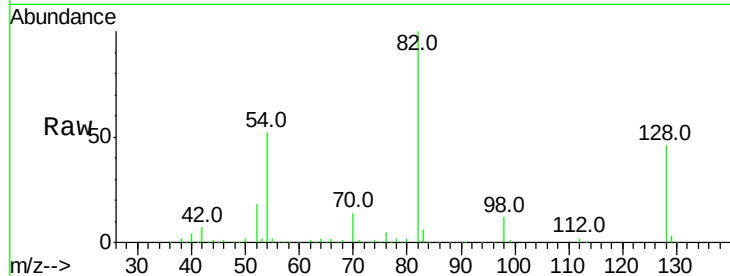




#23
 Nitrobenzene-d5
 Concen: 104.111 ng
 RT: 9.32 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG030722.D
 Acq: 4 Nov 2017 5:01

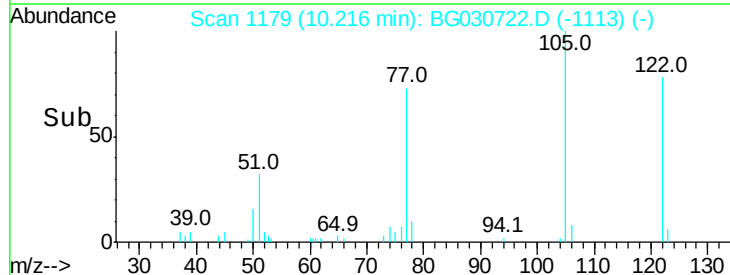
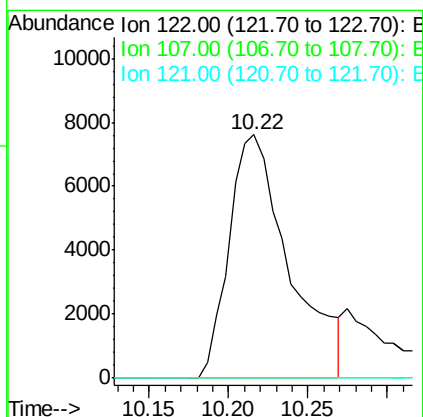
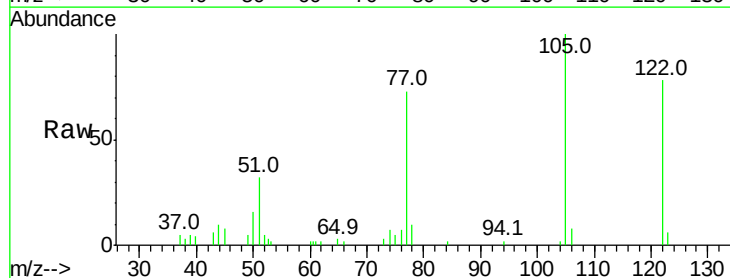
Instrument :
 BNA_G
 ClientSampleId :

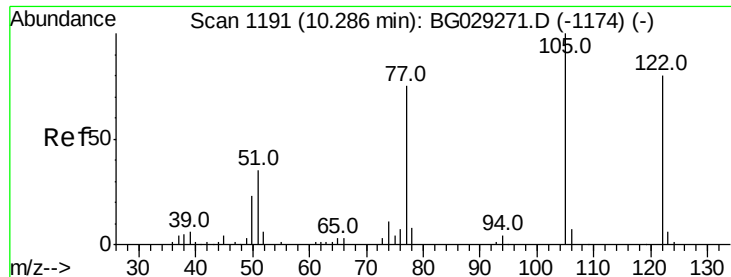
Tot Ion: 82 Resp: 417337
 Ion Ratio Lower Upper
 82 100
 128 46.5 29.7 44.5#
 54 52.4 43.1 64.7



#27
 2,4-Dimethylphenol
 Concen: 5.140 ng
 RT: 10.22 min Scan# 1179
 Delta R.T. 0.09 min
 Lab File: BG030722.D
 Acq: 4 Nov 2017 5:01

Tgt Ion: 122 Resp: 20032
 Ion Ratio Lower Upper
 122 100
 107 0.0 100.2 150.2#
 121 0.0 44.4 66.6#

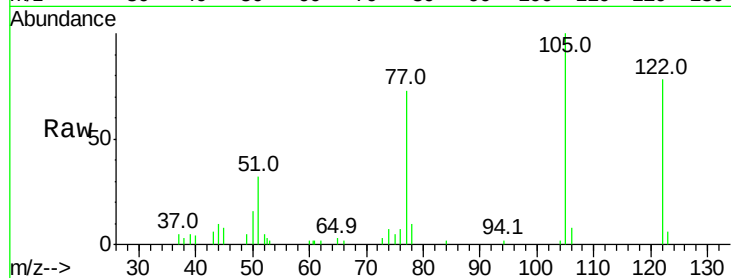




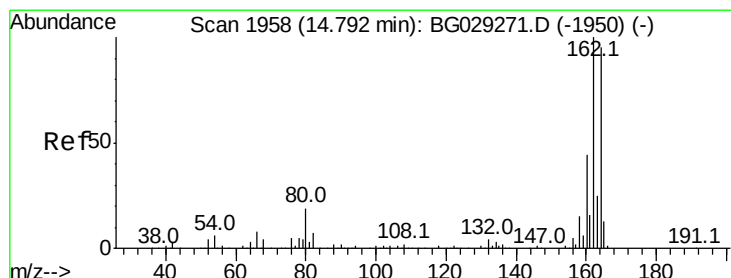
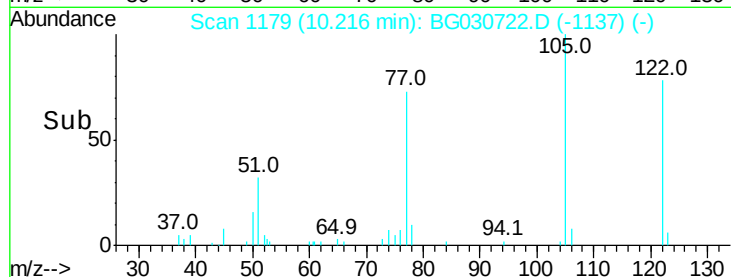
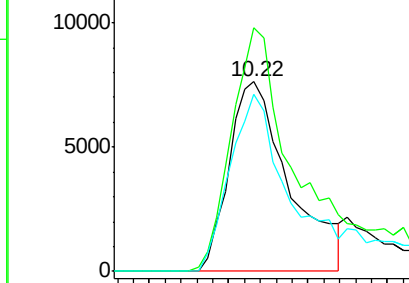
#32
Benzoic acid
Concen: 6.138 ng
RT: 10.22 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BG030722.D
Acq: 4 Nov 2017 5:01

Instrument :
BNA_G
ClientSampled :

Tot Ion:122 Resp: 20032
Ion Ratio Lower Upper
122 100
105 128.7 123.5 163.5
77 93.4 85.7 125.7

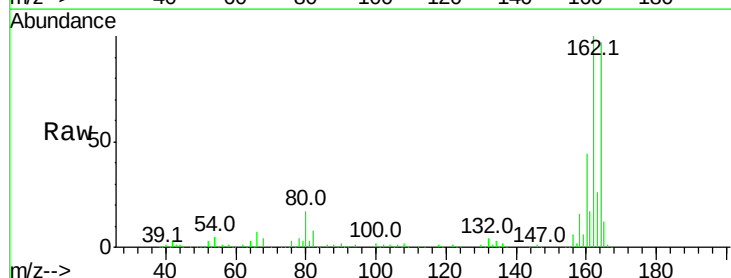


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): E

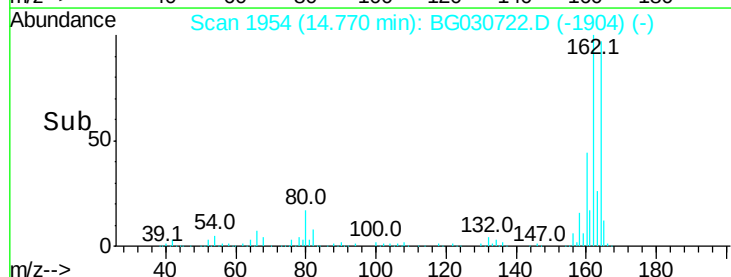
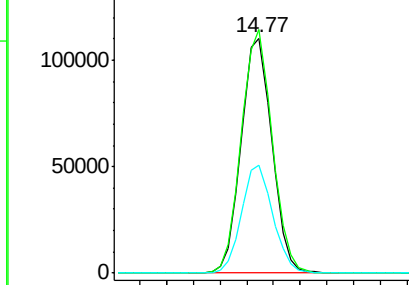


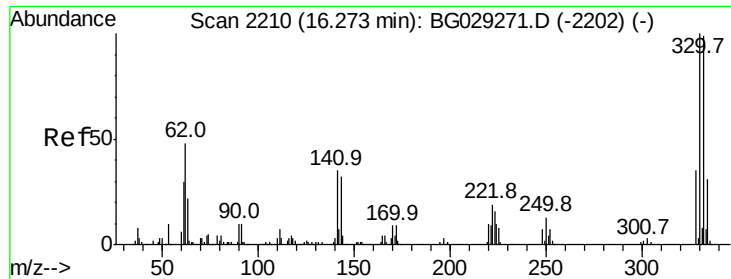
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG030722.D
Acq: 4 Nov 2017 5:01

Tgt Ion:164 Resp: 175784
Ion Ratio Lower Upper
164 100
162 103.6 78.8 118.2
160 46.0 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

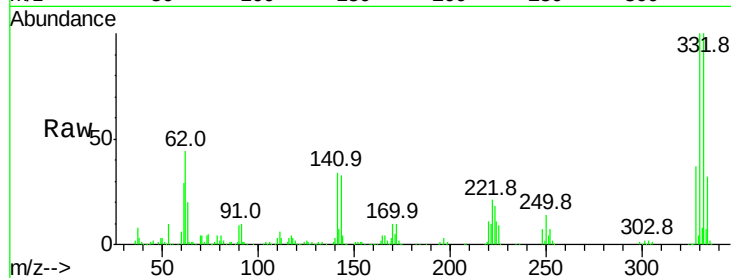




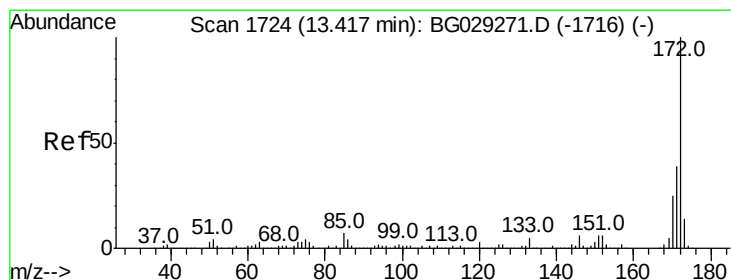
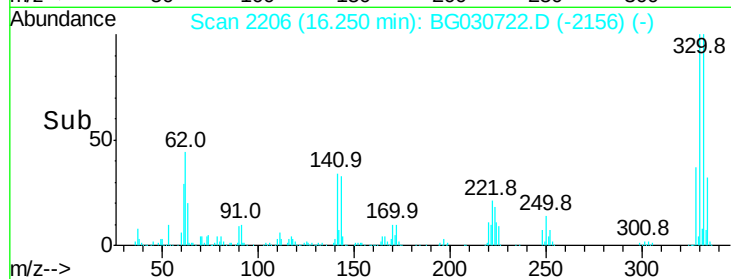
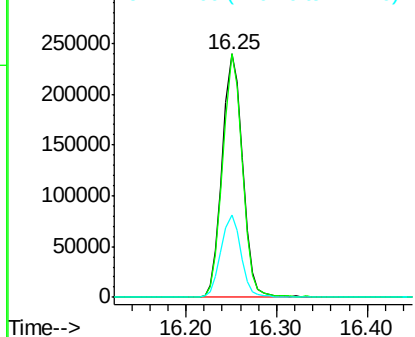
#41
 2,4,6-Tribromophenol
 Concen: 165.500 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BG030722.D
 Acq: 4 Nov 2017 5:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 375610
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 33.1 25.2 37.8

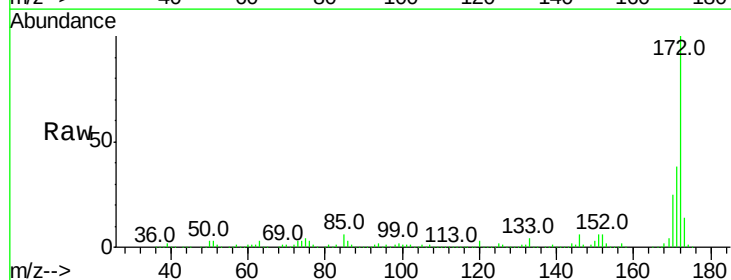


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

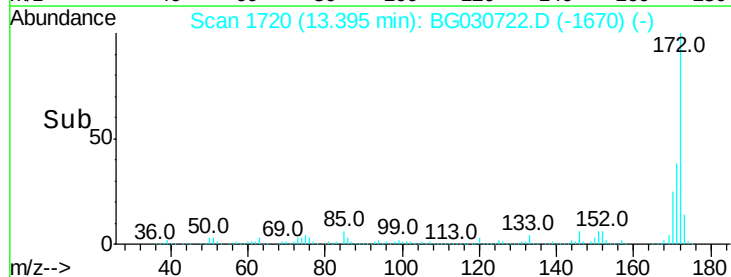
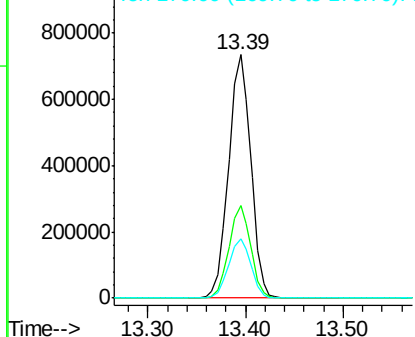


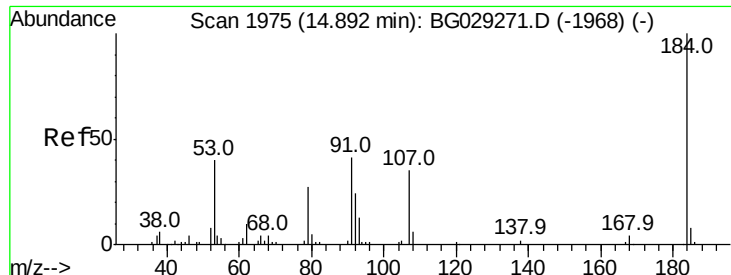
#44
 2-Fluorobiphenyl
 Concen: 96.531 ng
 RT: 13.39 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG030722.D
 Acq: 4 Nov 2017 5:01

Tgt Ion:172 Resp: 1156962
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.0 45.0
 170 24.5 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

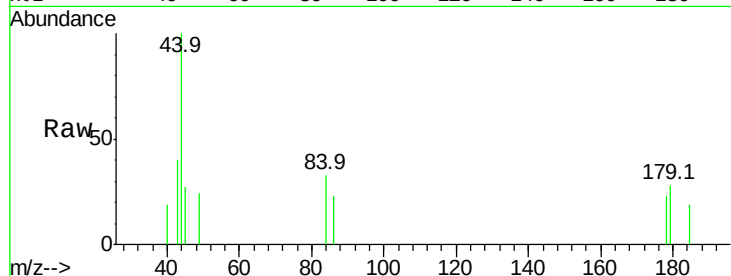




#53
 2,4-Dinitrophenol
 Concen: 6.663 ng
 RT: 15.02 min Scan# 1996
 Delta R.T. 0.14 min
 Lab File: BG030722.D
 Acq: 4 Nov 2017 5:01

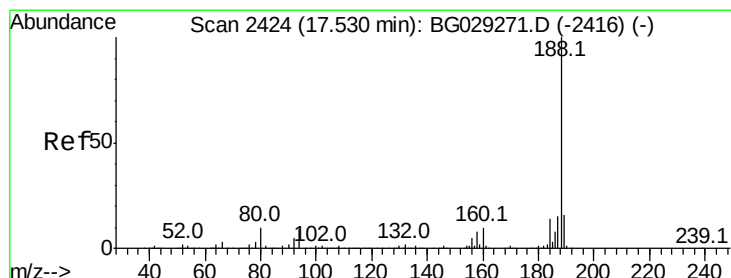
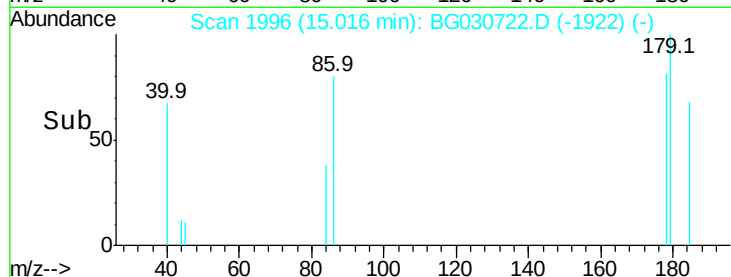
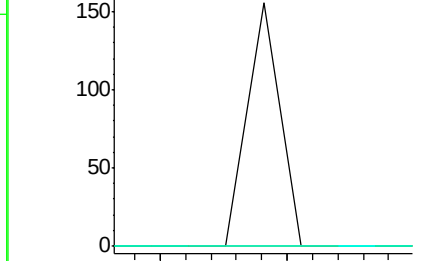
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 55
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



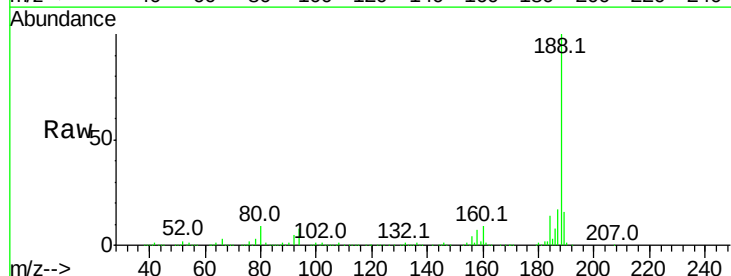
Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

15.02



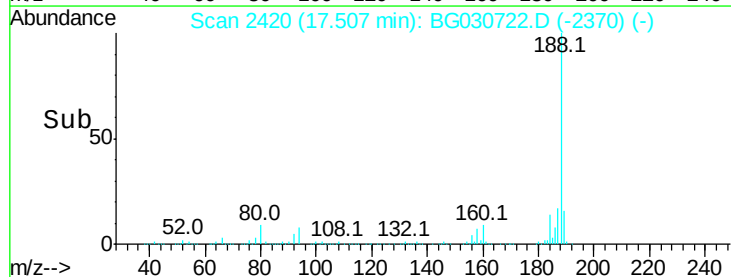
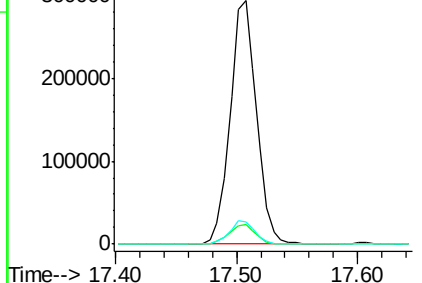
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2420
 Delta R.T. -0.01 min
 Lab File: BG030722.D
 Acq: 4 Nov 2017 5:01

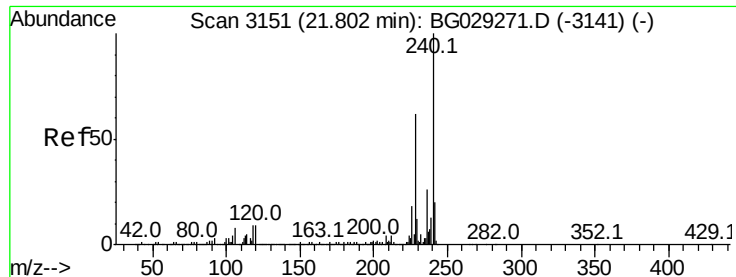
Tgt Ion:188 Resp: 445655
 Ion Ratio Lower Upper
 188 100
 94 8.2 6.9 10.3
 80 9.2 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

17.51





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG030722.D

Acq: 4 Nov 2017 5:01

Instrument :

BNA_G

ClientSampleId :

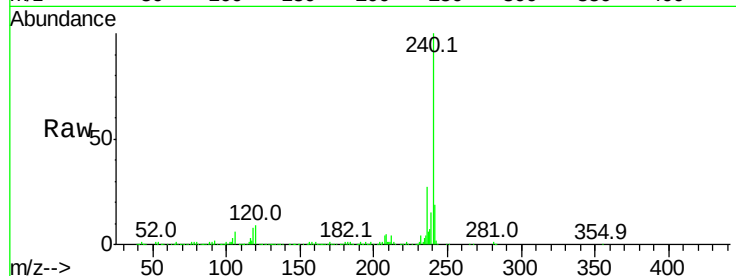
Tot Ion:240 Resp: 507776

Ion Ratio Lower Upper

240 100

120 8.8 6.8 10.2

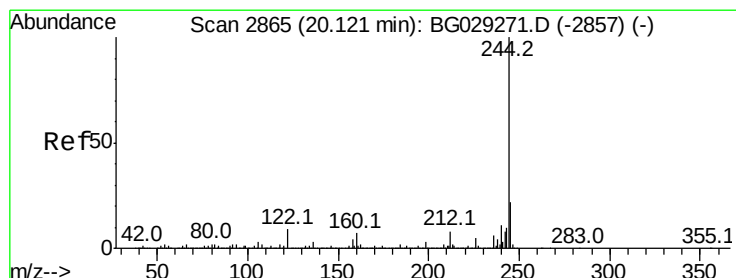
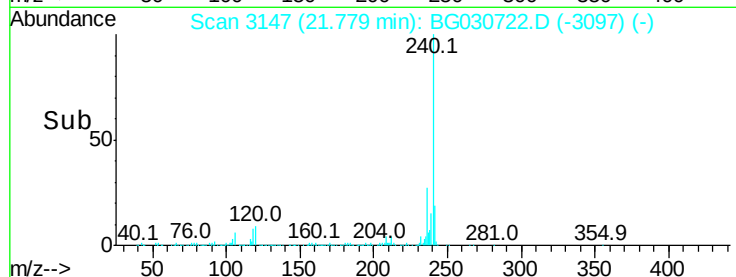
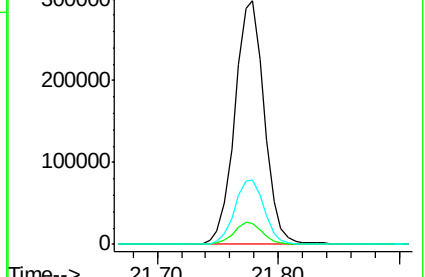
236 26.7 20.9 31.3



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: 90.524 ng

RT: 20.10 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BG030722.D

Acq: 4 Nov 2017 5:01

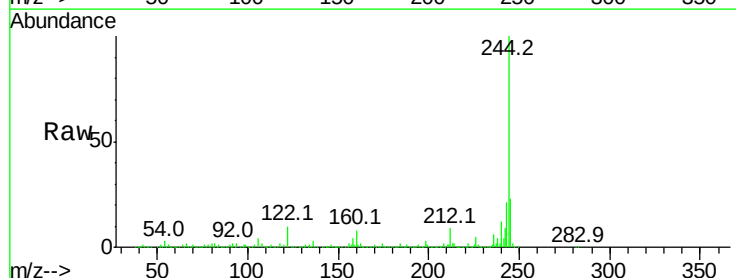
Tgt Ion:244 Resp: 2020538

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

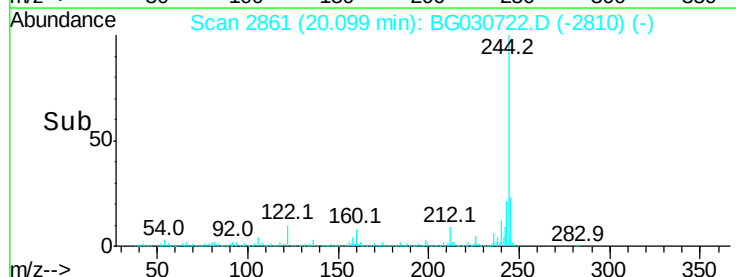
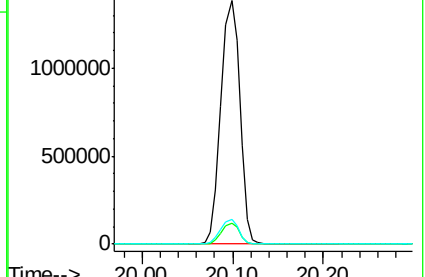
122 10.2 7.0 10.4

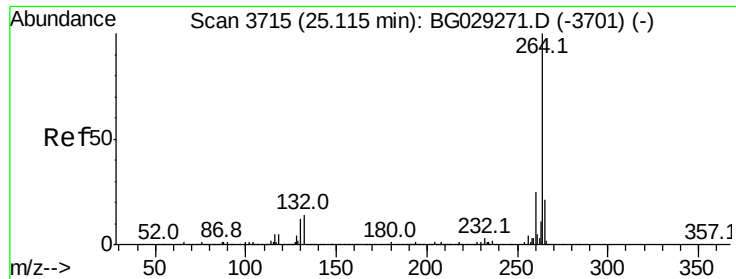


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

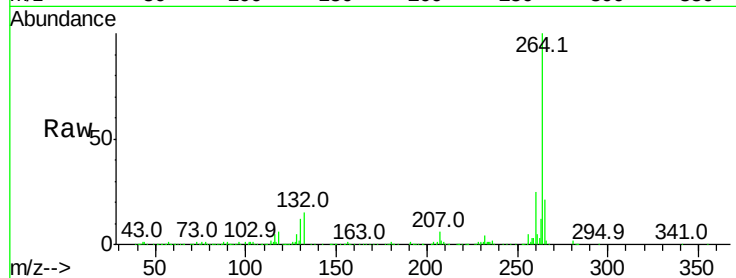




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.08 min Scan# 3708
 Delta R.T. -0.02 min
 Lab File: BG030722.D
 Acq: 4 Nov 2017 5:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.4	26.0
265	21.3	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

