

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073116\
 Data File : BG023362.D
 Acq On : 30 Jul 2016 18:09
 Operator : UM/SJ
 Sample : H4223-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 01 01:24:22 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

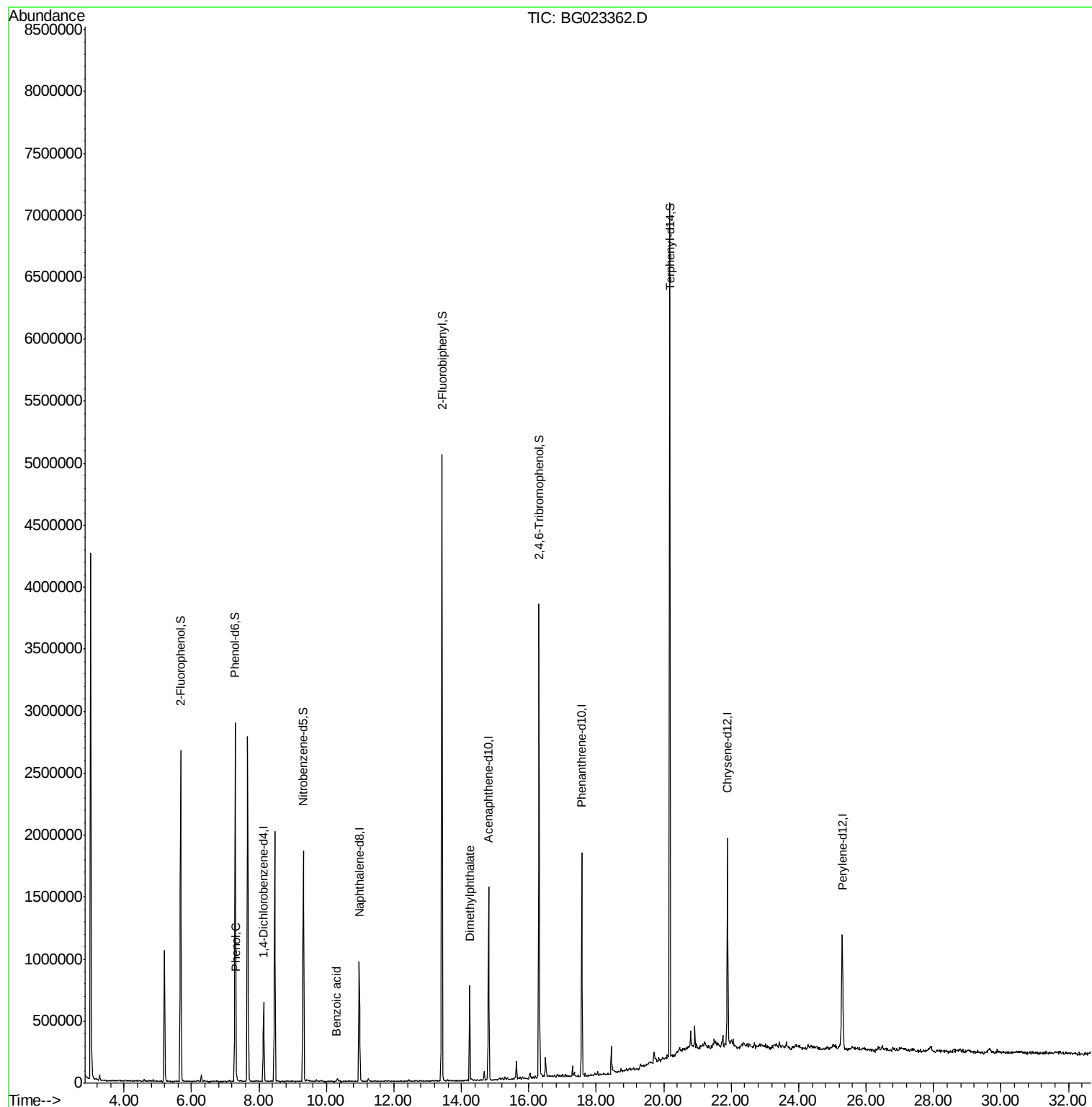
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	169081	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	819852	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	558189	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1033031	20.00	ng	0.00
75) Chrysene-d12	21.89	240	961519	20.00	ng	0.00
86) Perylene-d12	25.29	264	999012	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1114281	112.51	ng	0.00
7) Phenol-d6	7.29	99	1774720	116.71	ng	0.00
23) Nitrobenzene-d5	9.31	82	1229976	73.36	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	727219	125.87	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2507408	84.07	ng	0.00
78) Terphenyl-d14	20.18	244	2518324	85.14	ng	0.00
Target Compounds						
10) Phenol	7.32	94	42349	2.64	ng	# 78
32) Benzoic acid	10.29	122	156	8.12	ng	# 1
49) Dimethylphthalate	14.24	163	476298	11.56	ng	99

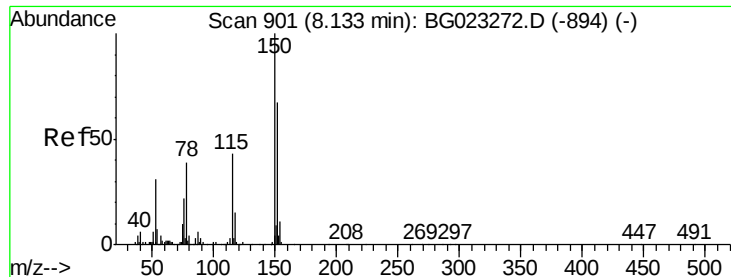
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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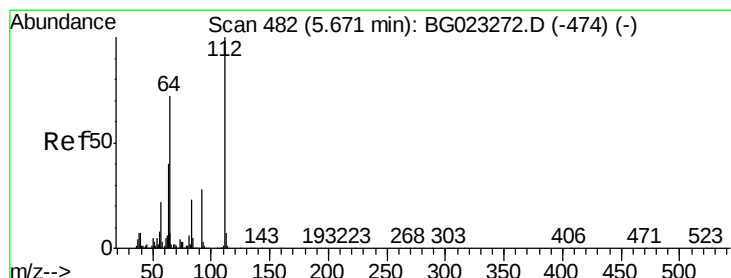
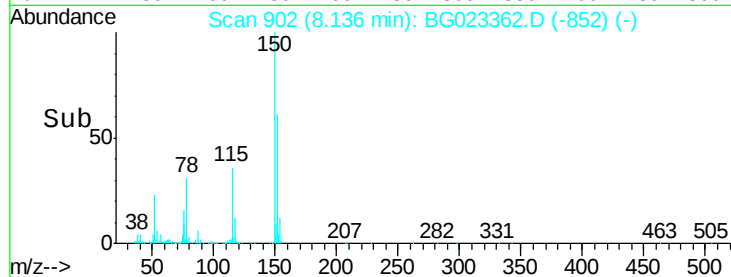
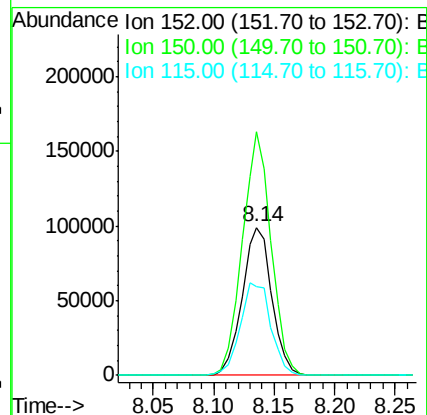
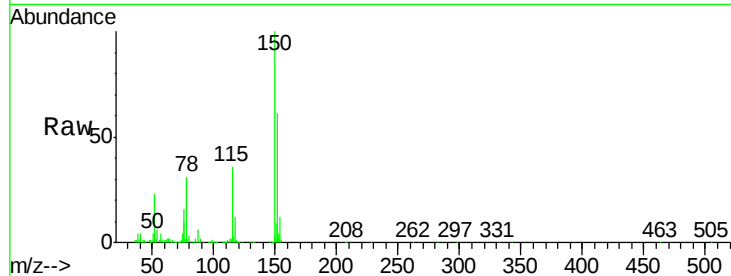


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.00 min
Lab File: BG023362.D
Acq: 30 Jul 2016 18:09

Instrument :
BNA_G
ClientSampleId :

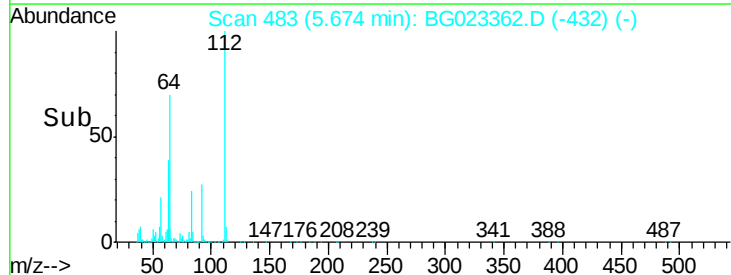
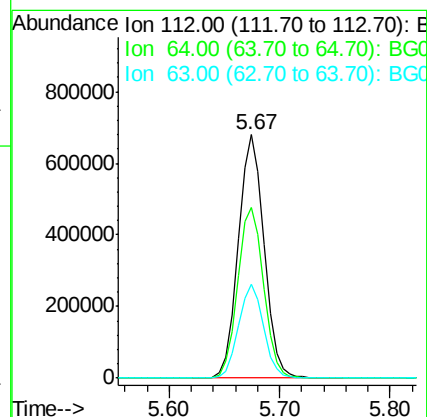
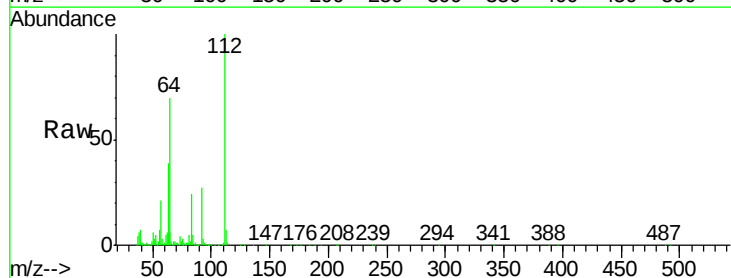
Tot Ion:152 Resp: 169081
Ion Ratio Lower Upper
152 100
150 164.6 144.7 217.1
115 59.7 64.0 96.0#

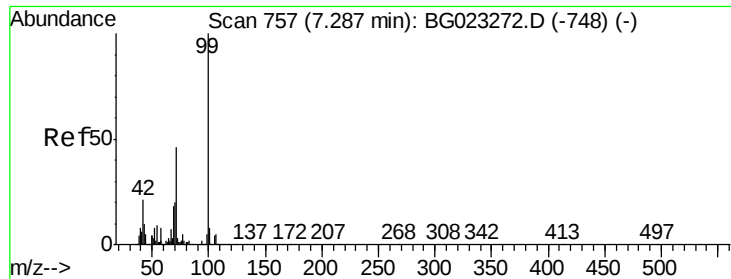


#5

2-Fluorophenol
Concen: 112.51 ng
RT: 5.67 min Scan# 483
Delta R.T. 0.00 min
Lab File: BG023362.D
Acq: 30 Jul 2016 18:09

Tgt Ion:112 Resp: 1114281
Ion Ratio Lower Upper
112 100
64 70.2 59.0 88.4
63 38.8 37.8 56.8





#7

Phenol-d6

Concen: 116.71 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023362.D

Acq: 30 Jul 2016 18:09

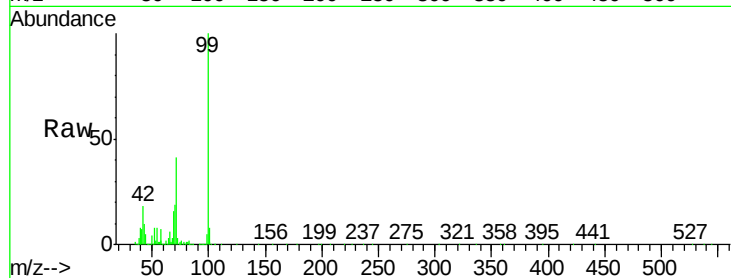
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1774720

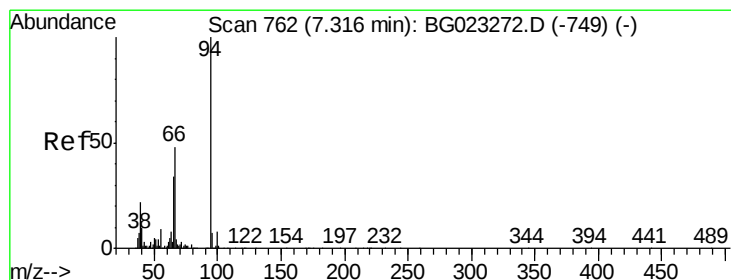
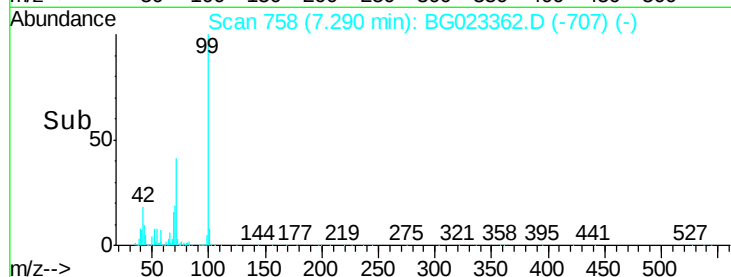
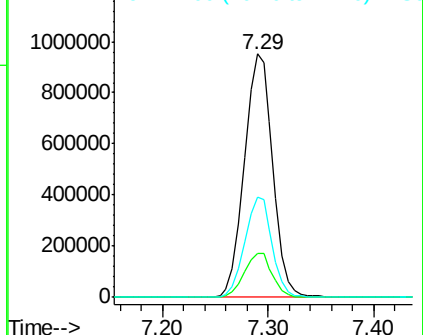
Ion	Ratio	Lower	Upper
99	100		
42	18.3	17.8	26.6
71	40.9	41.5	62.3#



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



#10

Phenol

Concen: 2.64 ng

RT: 7.32 min Scan# 763

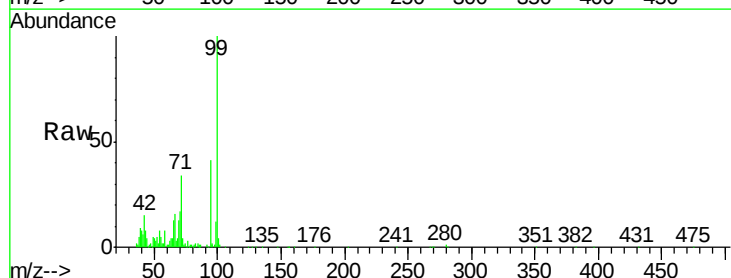
Delta R.T. 0.00 min

Lab File: BG023362.D

Acq: 30 Jul 2016 18:09

Tgt Ion: 94 Resp: 42349

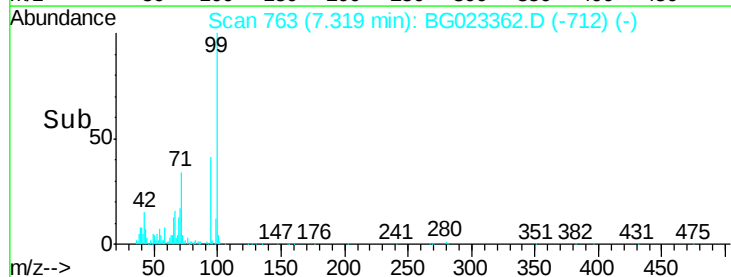
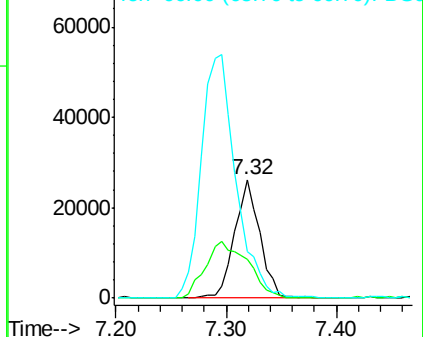
Ion	Ratio	Lower	Upper
94	100		
65	32.3	18.1	58.1
66	39.2	42.1	82.1#

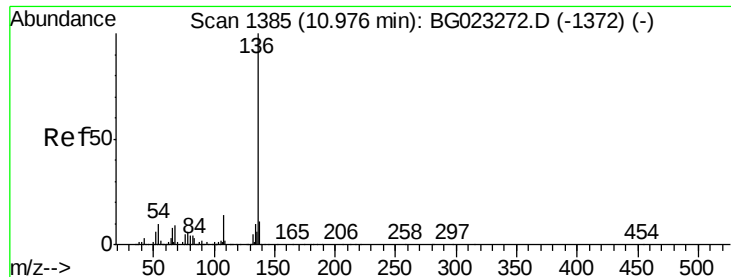


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

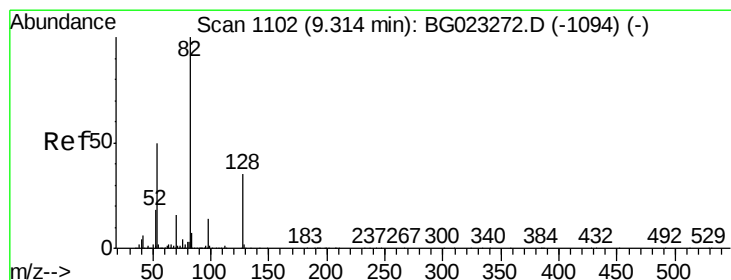
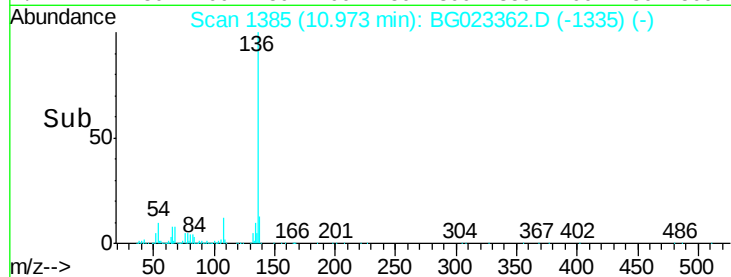
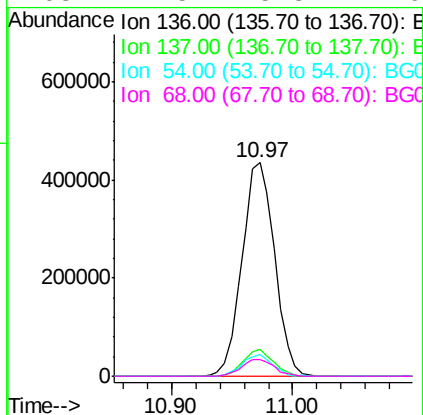
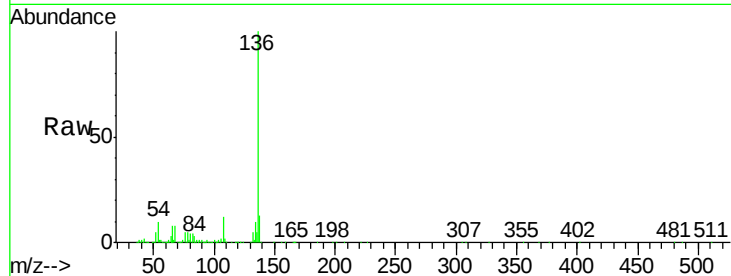




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BG023362.D
Acq: 30 Jul 2016 18:09

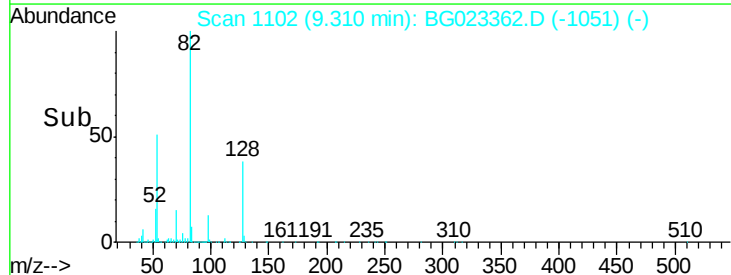
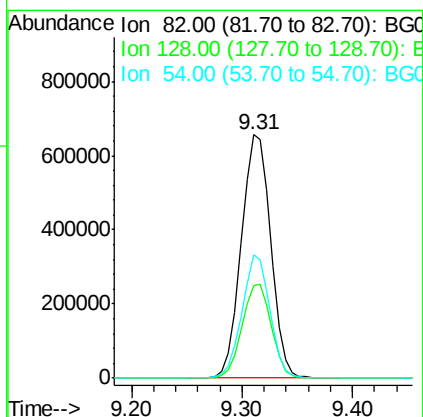
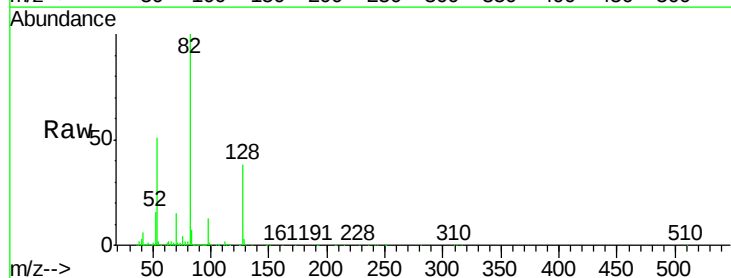
Instrument :
BNA_G
ClientSampleId :

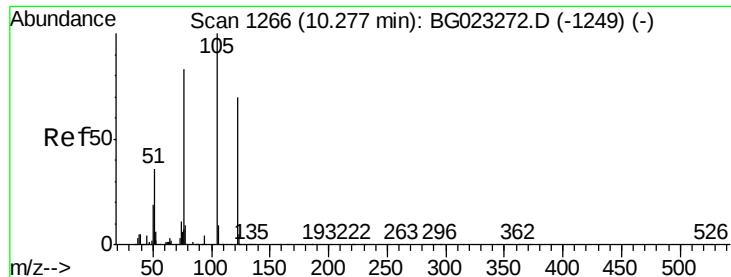
Tot Ion:136	Resp:	819852
Ion	Ratio	Lower Upper
136	100	
137	12.8	9.6 14.4
54	10.4	7.3 10.9
68	7.5	5.3 7.9



#23
Nitrobenzene-d5
Concen: 73.36 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG023362.D
Acq: 30 Jul 2016 18:09

Tgt Ion: 82	Resp:	1229976
Ion	Ratio	Lower Upper
82	100	
128	38.2	24.4 36.6#
54	50.8	41.4 62.0

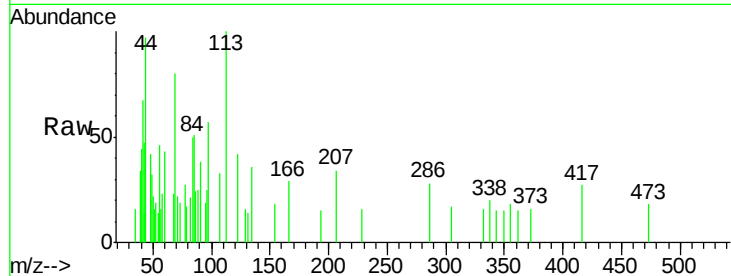




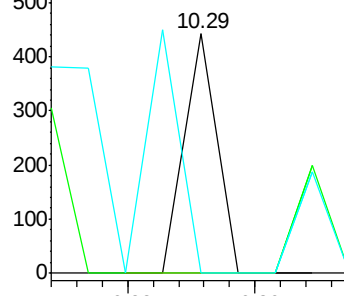
#32
Benzoic acid
Concen: 8.12 ng
RT: 10.29 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BG023362.D
Acq: 30 Jul 2016 18:09

Instrument :
BNA_G
ClientSampleId :

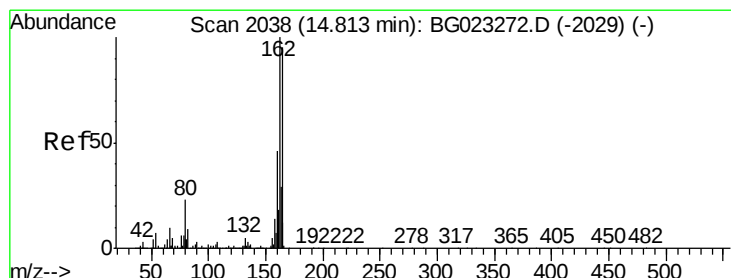
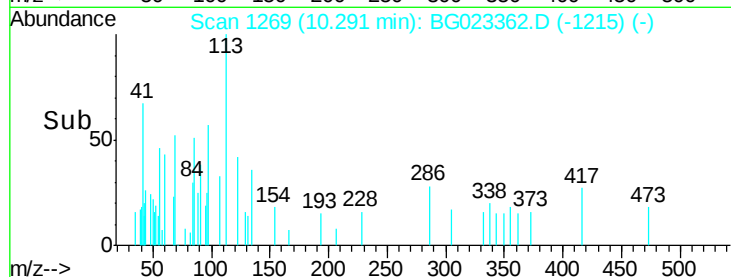
Tot Ion:122 Resp: 156
Ion Ratio Lower Upper
122 100
105 0.0 117.2 157.2#
77 0.0 109.2 149.2#



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): BGC

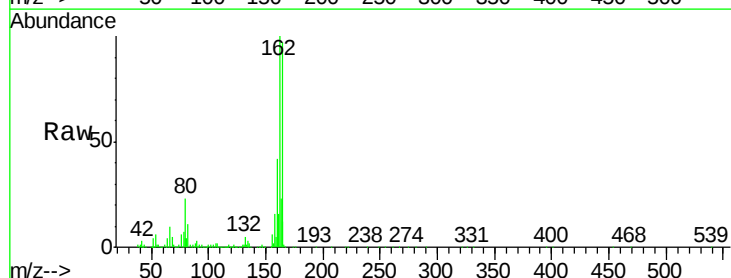


Time-->

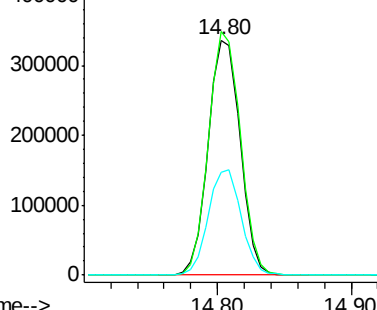


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG023362.D
Acq: 30 Jul 2016 18:09

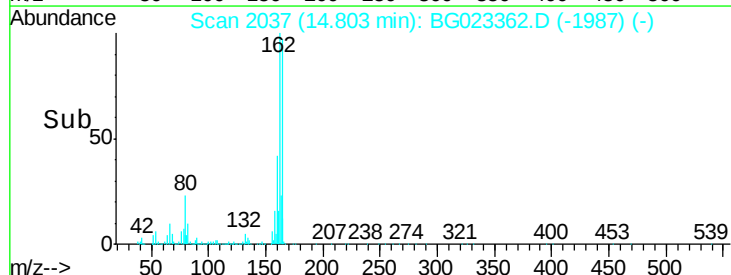
Tgt Ion:164 Resp: 558189
Ion Ratio Lower Upper
164 100
162 103.5 87.7 131.5
160 43.9 37.2 55.8

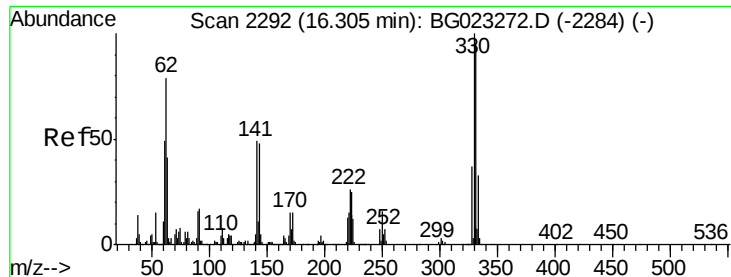


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->

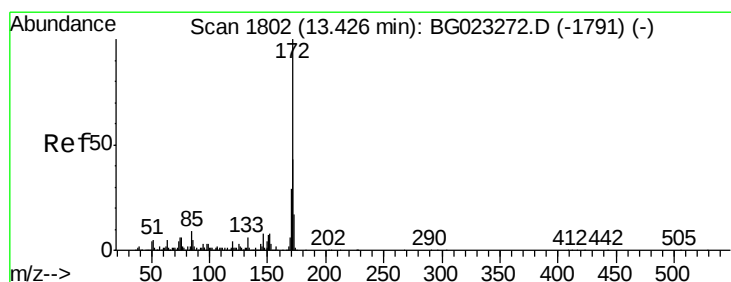
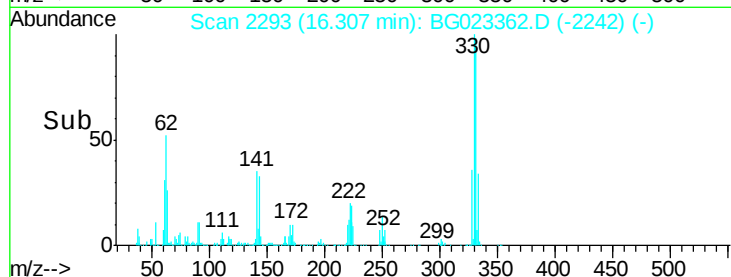
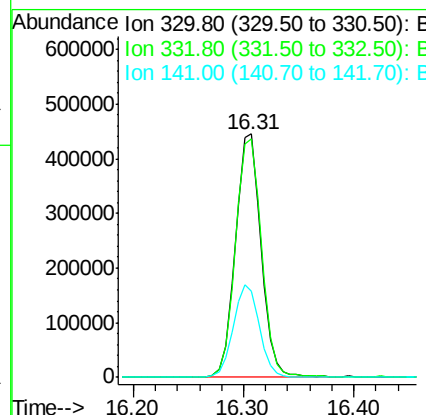
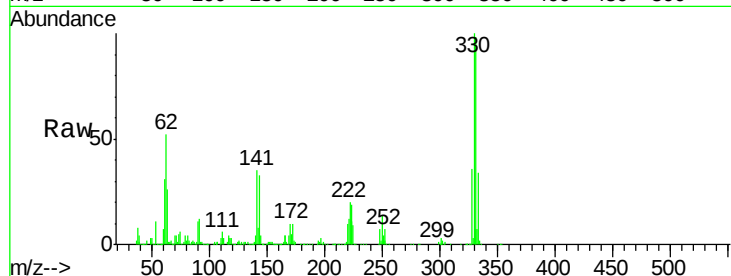




#41
2,4,6-Tribromophenol
Concen: 125.87 ng
RT: 16.31 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BG023362.D
Acq: 30 Jul 2016 18:09

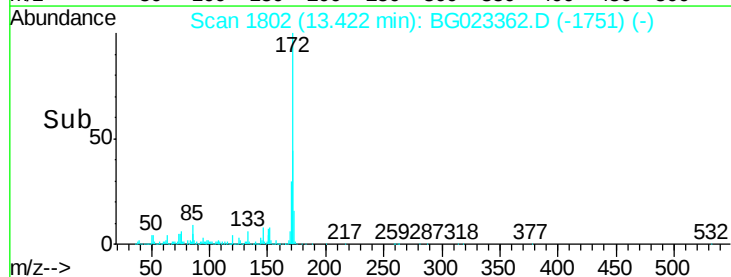
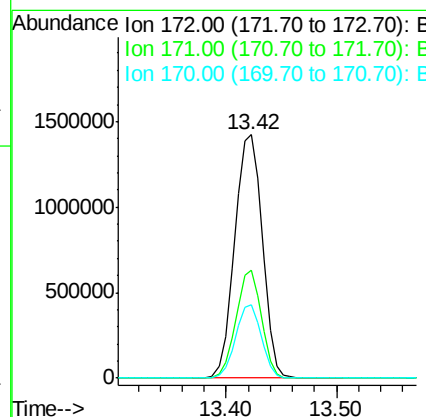
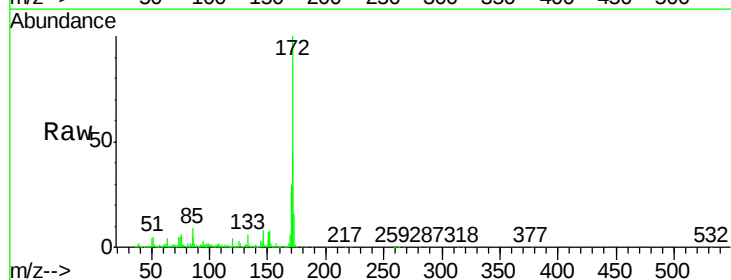
Instrument :
BNA_G
ClientSampleId :

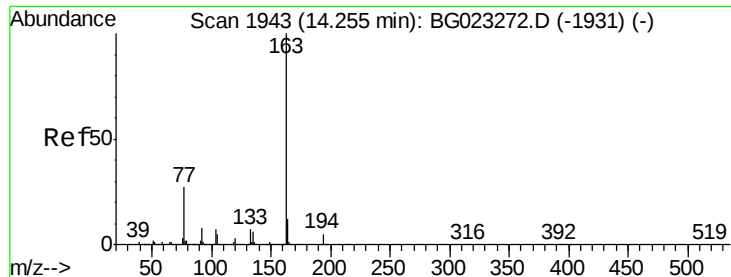
Tot Ion:330 Resp: 727219
Ion Ratio Lower Upper
330 100
332 99.5 77.4 116.2
141 38.9 31.7 47.5



#44
2-Fluorobiphenyl
Concen: 84.07 ng
RT: 13.42 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG023362.D
Acq: 30 Jul 2016 18:09

Tgt Ion:172 Resp: 2507408
Ion Ratio Lower Upper
172 100
171 44.3 31.6 47.4
170 30.0 21.3 31.9

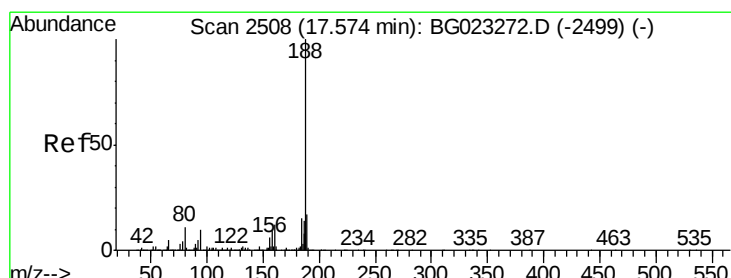
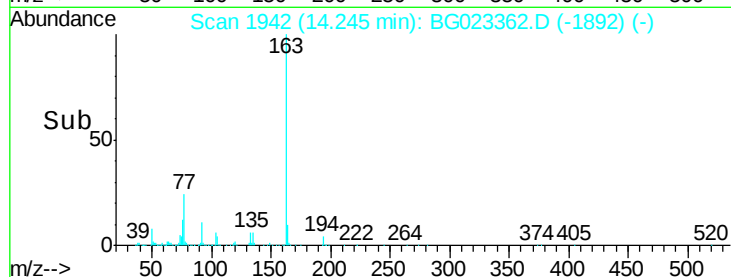
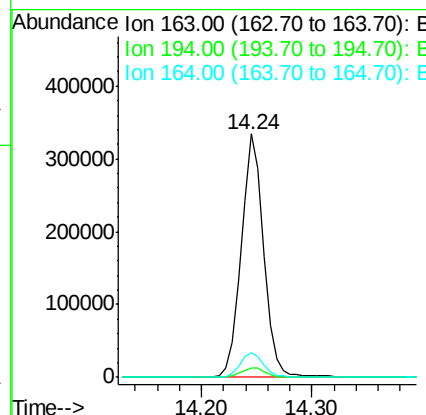
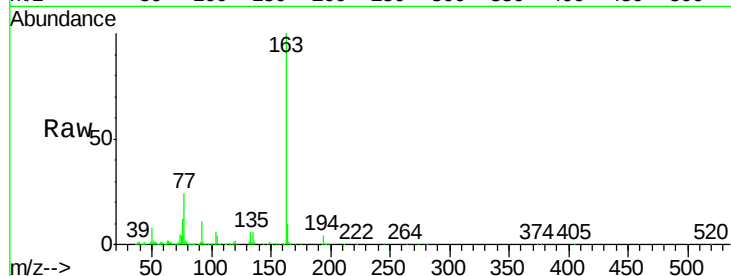




#49
Dimethylphthalate
Concen: 11.56 ng
RT: 14.24 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BG023362.D
Acq: 30 Jul 2016 18:09

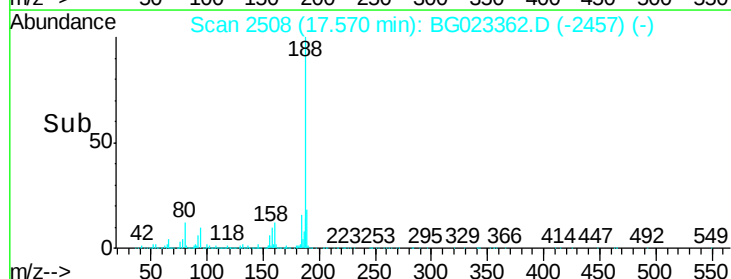
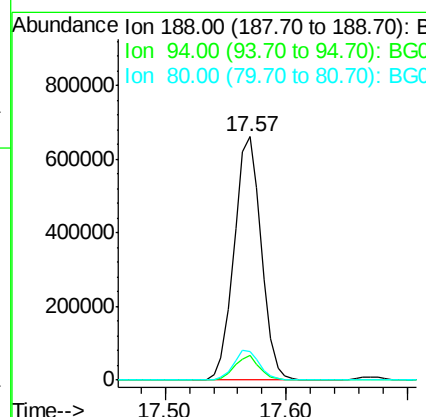
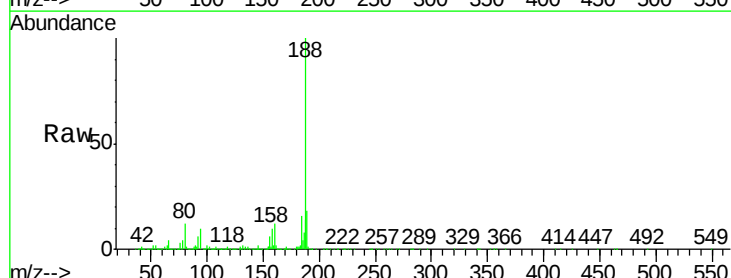
Instrument :
BNA_G
ClientSampleId :

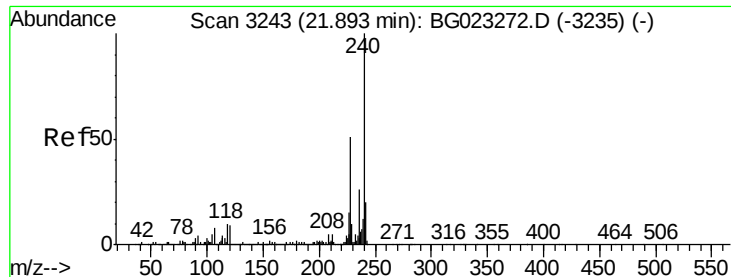
Tot Ion:163 Resp: 476298
Ion Ratio Lower Upper
163 100
194 4.0 3.6 5.4
164 10.3 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. -0.00 min
Lab File: BG023362.D
Acq: 30 Jul 2016 18:09

Tgt Ion:188 Resp: 1033031
Ion Ratio Lower Upper
188 100
94 10.3 5.2 7.8#
80 11.7 7.2 10.8#

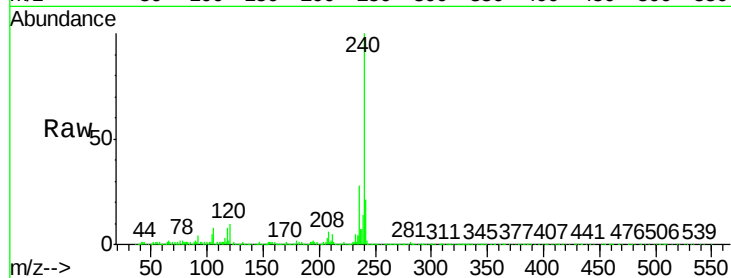




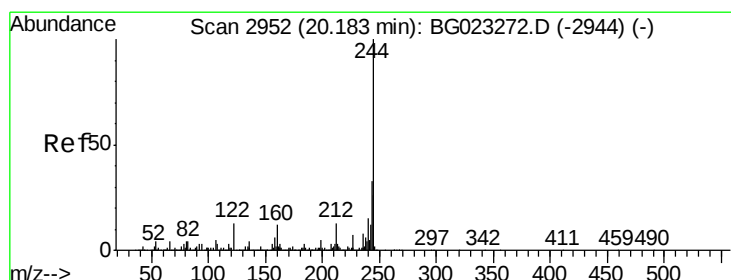
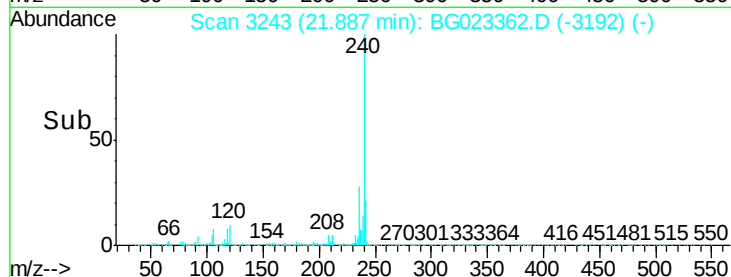
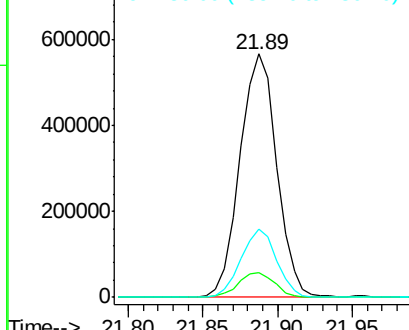
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. -0.00 min
Lab File: BG023362.D
Acq: 30 Jul 2016 18:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:240 Resp: 961519
Ion Ratio Lower Upper
240 100
120 9.9 4.1 6.1#
236 27.8 21.1 31.7

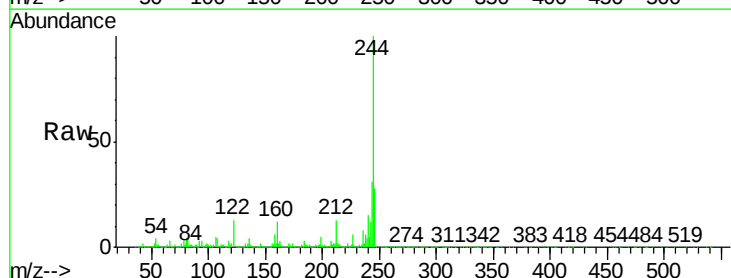


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

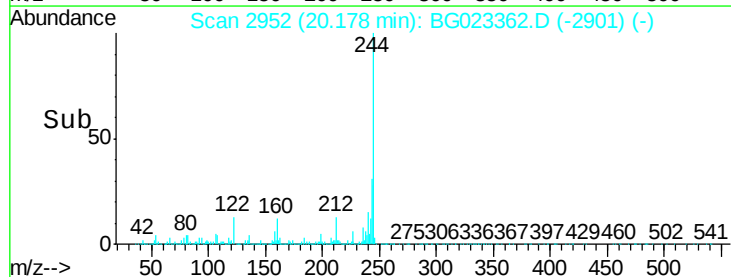
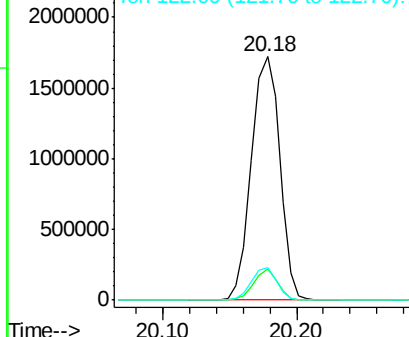


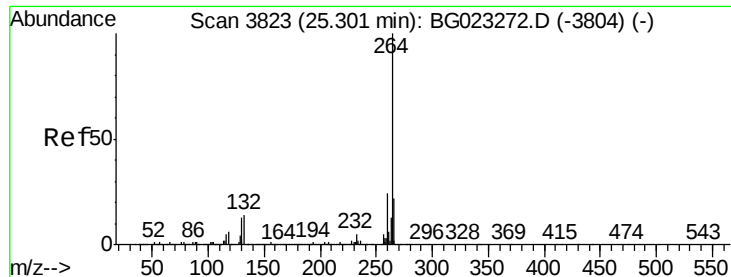
#78
Terphenyl-d14
Concen: 85.14 ng
RT: 20.18 min Scan# 2952
Delta R.T. 0.00 min
Lab File: BG023362.D
Acq: 30 Jul 2016 18:09

Tgt Ion:244 Resp: 2518324
Ion Ratio Lower Upper
244 100
212 12.7 10.8 16.2
122 13.3 8.0 12.0#



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: 25.29 min Scan# 3822
Delta R.T. -0.01 min
Lab File: BG023362.D
Acq: 30 Jul 2016 18:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 264 Resp: 999012

Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.4	27.6
265	22.8	18.9	28.3

