

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081616\
 Data File : BG023742.D
 Acq On : 17 Aug 2016 00:19
 Operator : UM/SJ
 Sample : PB92838TB
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92838TB

Quant Time: Aug 17 01:08:01 2016
 Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

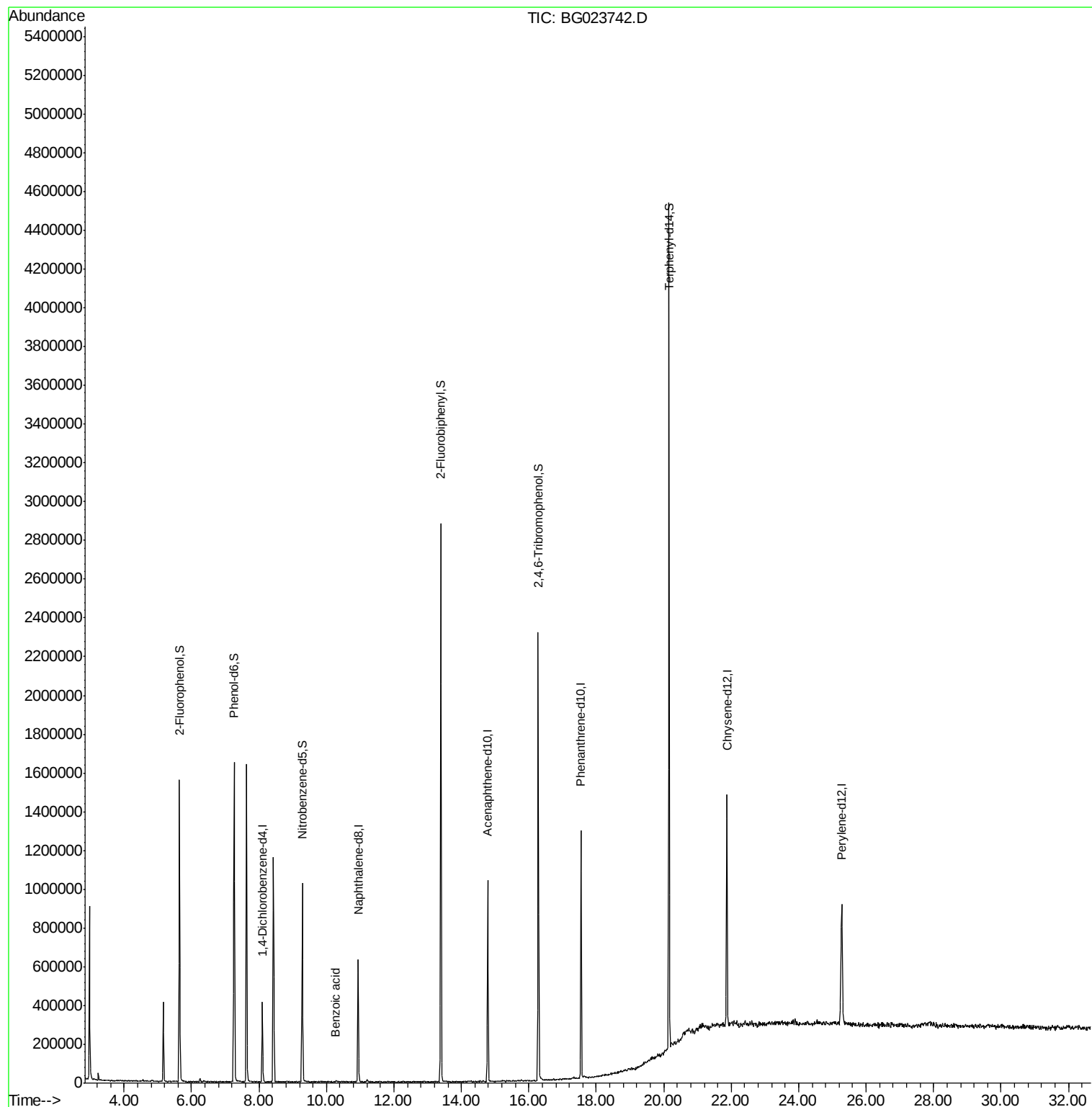
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	109425	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	509450	20.00	ng	-0.02
38) Acenaphthene-d10	14.78	164	356677	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	769878	20.00	ng	0.00
75) Chrysene-d12	21.87	240	743610	20.00	ng	0.00
86) Perylene-d12	25.28	264	743895	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	639718	98.41	ng	-0.02
7) Phenol-d6	7.26	99	970473	95.85	ng	-0.02
23) Nitrobenzene-d5	9.28	82	680333	66.39	ng	-0.02
41) 2,4,6-Tribromophenol	16.28	330	451960	86.63	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1442513	68.21	ng	0.00
78) Terphenyl-d14	20.16	244	1810183	73.62	ng	0.00
Target Compounds						
9) Benzaldehyde	7.22	77	87	Below Cal	#	8
32) Benzoic acid	10.26	122	60	6.45 ng	#	1
73) Di-n-butylphthalate	18.49	149	3774	Below Cal	#	81
74) Fluoranthene	19.60	202	938	Below Cal	#	80
77) Pyrene	19.97	202	533	Below Cal	#	60

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 896

Delta R.T. -0.02 min

Lab File: BG023742.D

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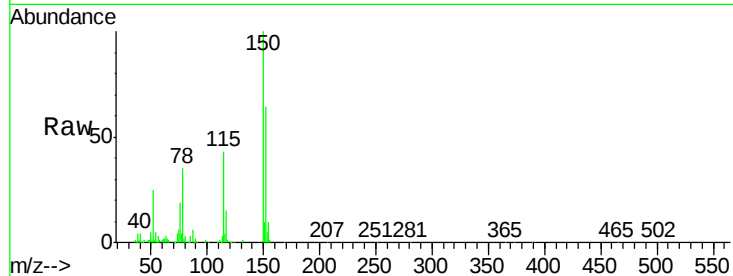
Tgt Ion:152 Resp: 109425

Ion Ratio Lower Upper

152 100

150 156.3 144.7 217.1

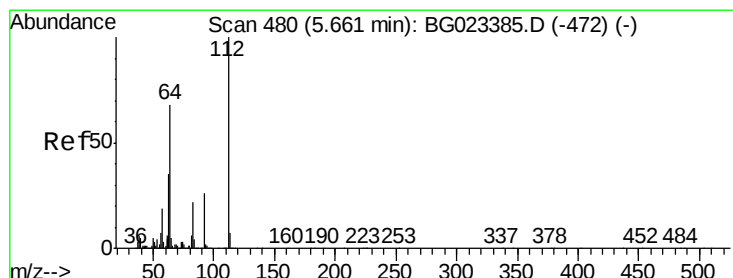
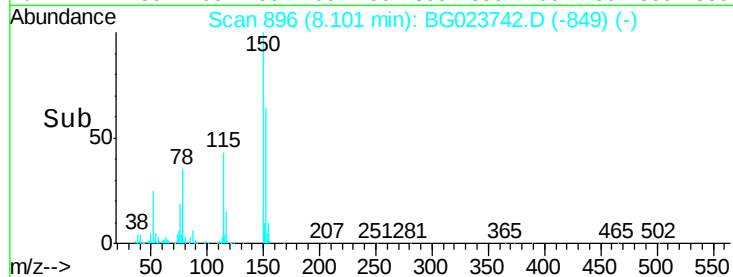
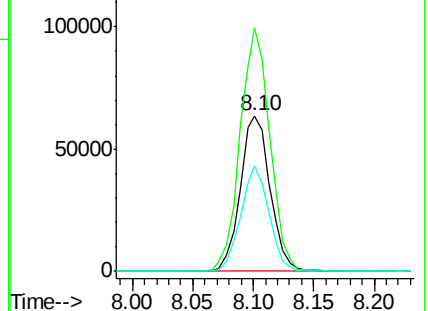
115 67.8 64.0 96.0



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: 98.41 ng

RT: 5.64 min Scan# 477

Delta R.T. -0.02 min

Lab File: BG023742.D

Acq: 17 Aug 2016 00:19

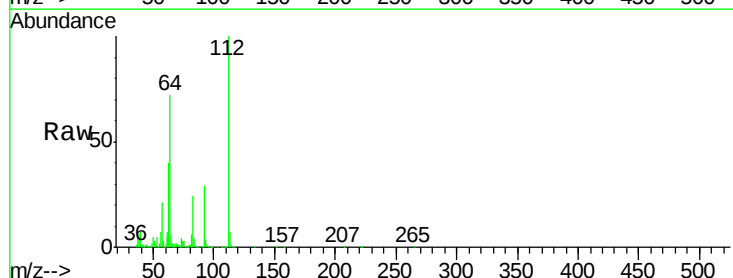
Tgt Ion:112 Resp: 639718

Ion Ratio Lower Upper

112 100

64 71.8 59.0 88.4

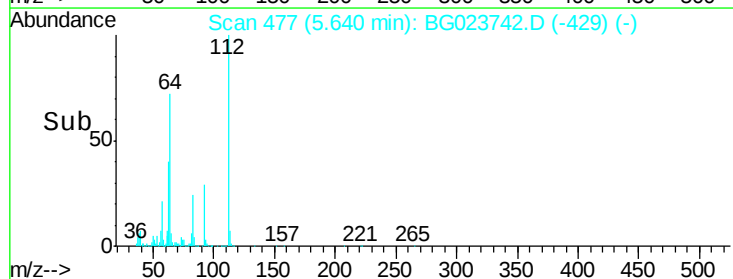
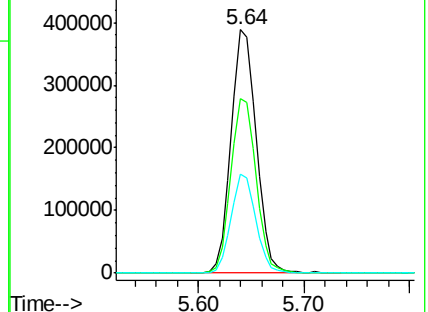
63 40.4 37.8 56.8

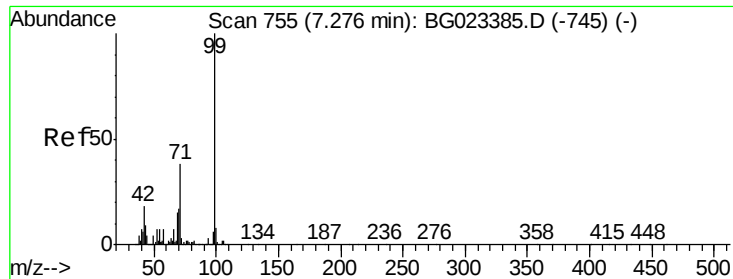


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 95.85 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.02 min

Lab File: BG023742.D

Acq: 17 Aug 2016 00:19

Instrument :

BNA_G

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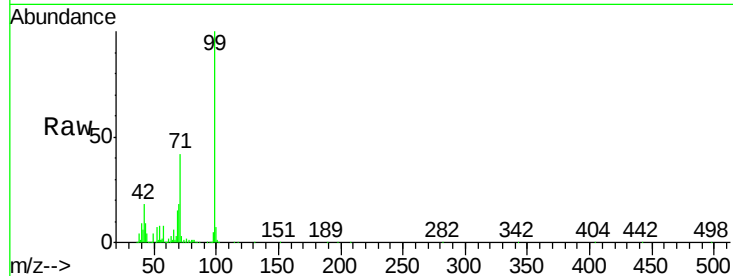
Tgt Ion: 99 Resp: 970473

Ion Ratio Lower Upper

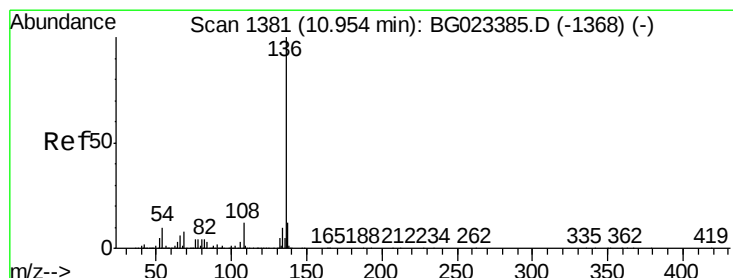
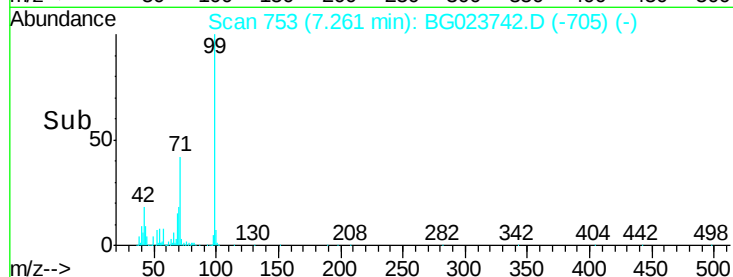
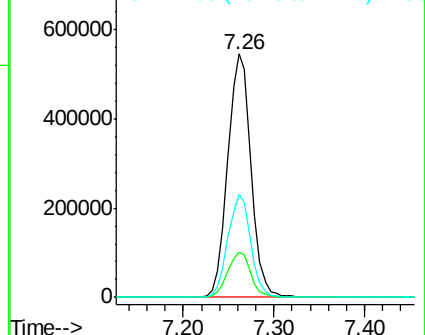
99 100

42 18.4 17.8 26.6

71 42.2 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.94 min Scan# 1379

Delta R.T. -0.02 min

Lab File: BG023742.D

Acq: 17 Aug 2016 00:19

Tgt Ion: 136 Resp: 509450

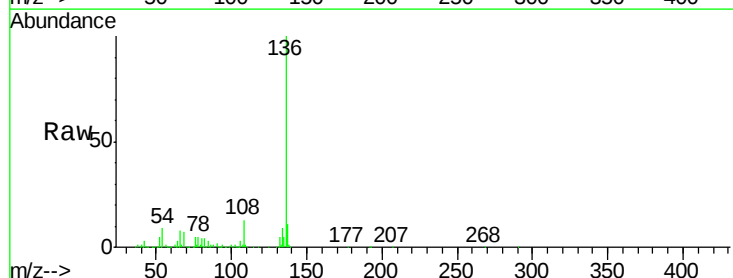
Ion Ratio Lower Upper

136 100

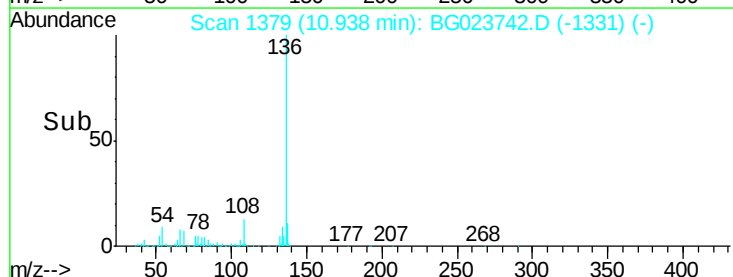
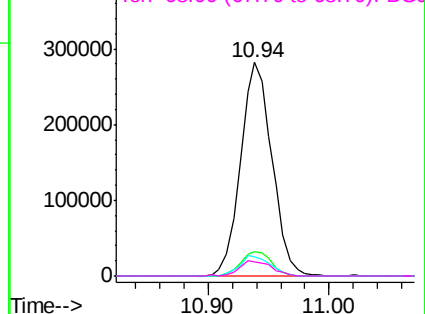
137 11.5 9.6 14.4

54 9.1 7.3 10.9

68 6.7 5.3 7.9



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

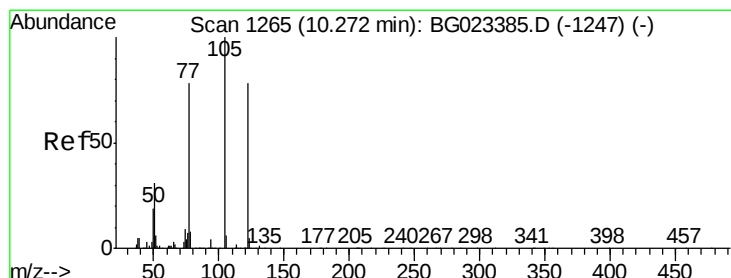
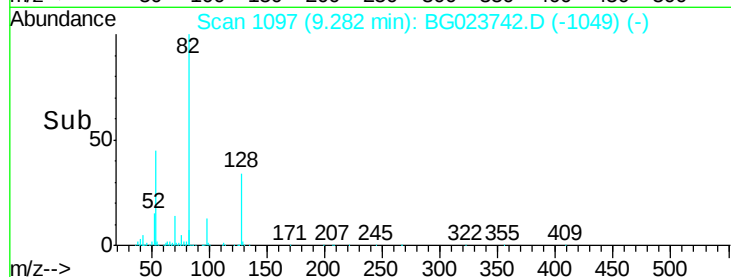
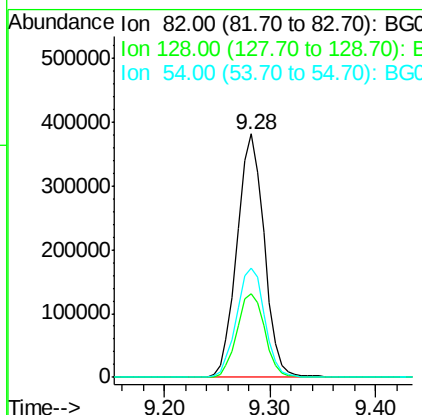
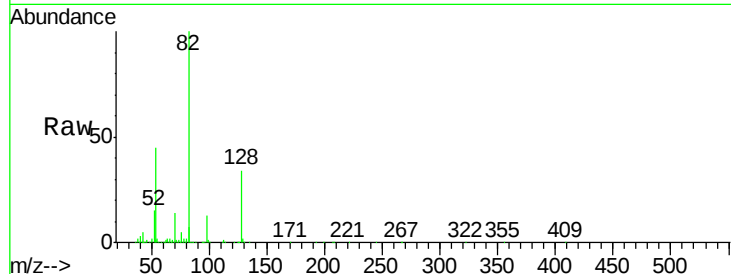




#23
 Nitrobenzene-d5
 Concen: 66.39 ng
 RT: 9.28 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BG023742.D
 Acq: 17 Aug 2016 00:19

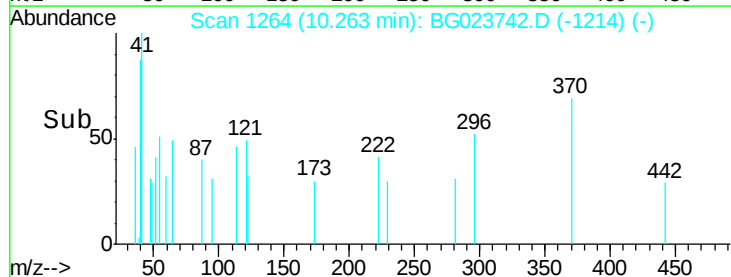
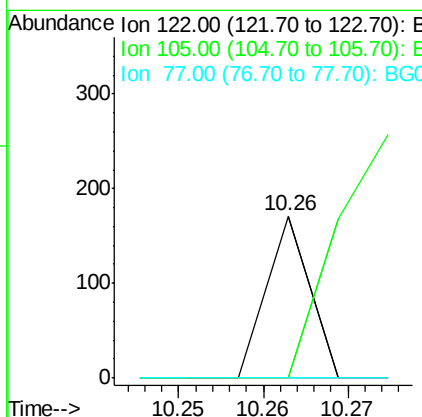
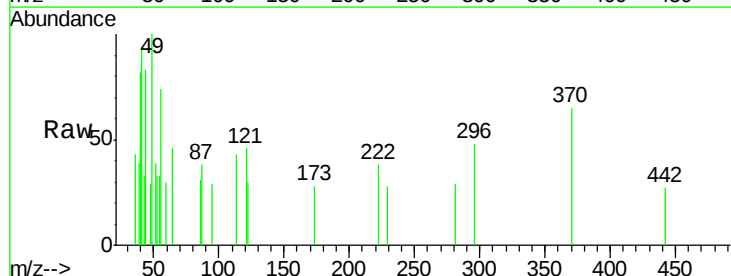
Instrument :
 BNA_G
 ClientSampleId :
 PB92838TB

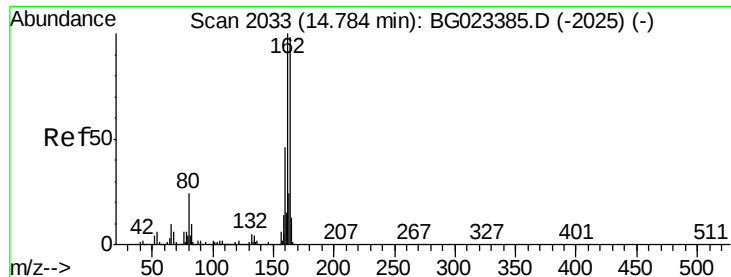
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.3	24.4	36.6
54	44.8	41.4	62.0



#32
 Benzoic acid
 Concen: 6.45 ng
 RT: 10.26 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG023742.D
 Acq: 17 Aug 2016 00:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	117.2	157.2#
77	0.0	109.2	149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.78 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG023742.D

Acq: 17 Aug 2016 00:19

Instrument :

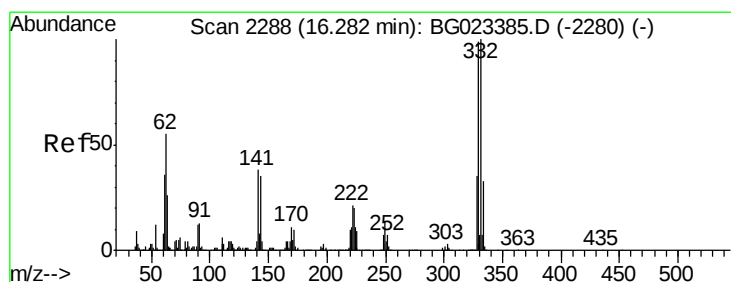
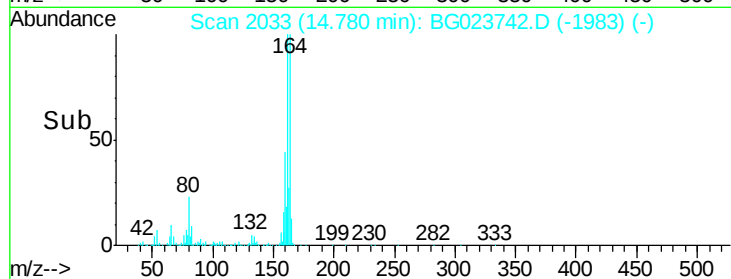
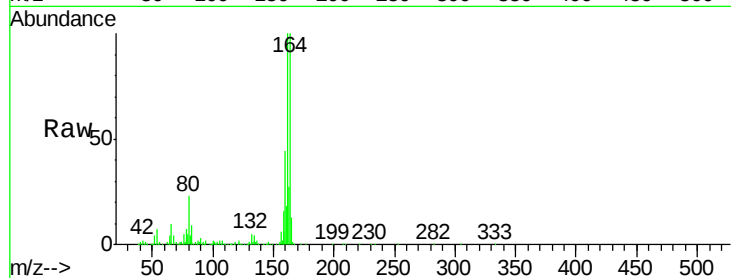
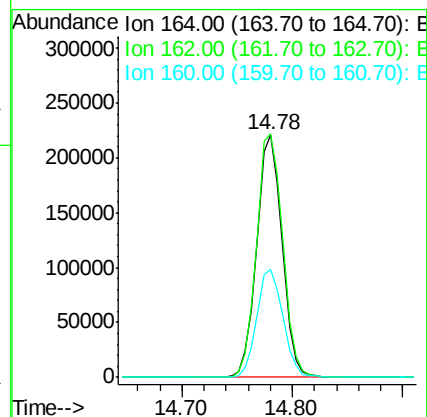
BNA_G

ClientSampleId :

PB92838TB

Tgt Ion:164 Resp: 356677

Ion	Ratio	Lower	Upper
164	100		
162	100.2	87.7	131.5
160	44.6	37.2	55.8



#41

2,4,6-Tribromophenol

Concen: 86.63 ng

RT: 16.28 min Scan# 2289

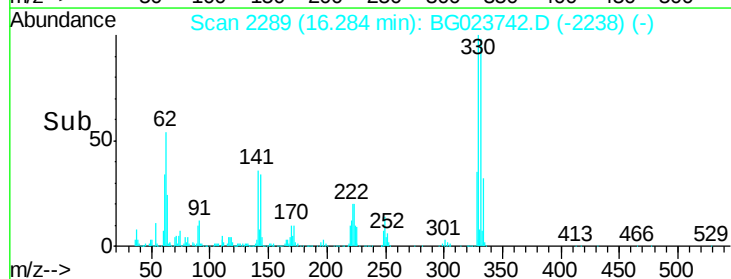
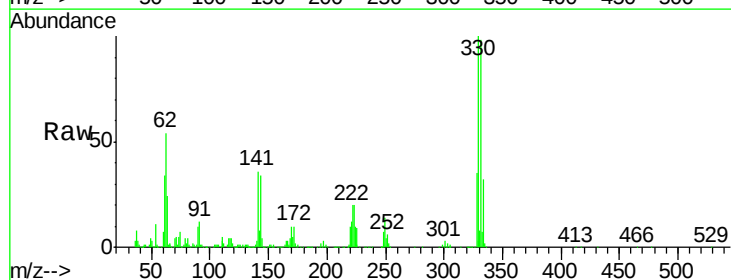
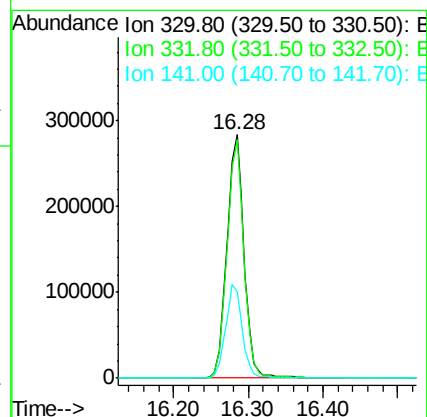
Delta R.T. 0.00 min

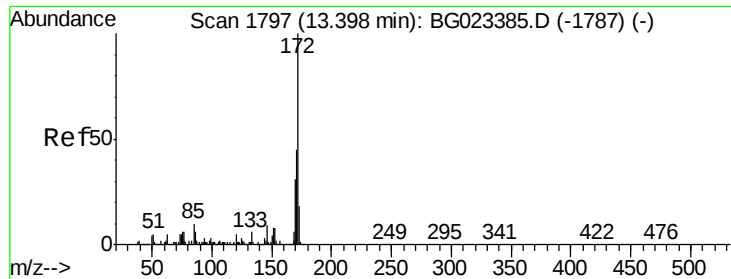
Lab File: BG023742.D

Acq: 17 Aug 2016 00:19

Tgt Ion:330 Resp: 451960

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.2
141	37.5	31.7	47.5

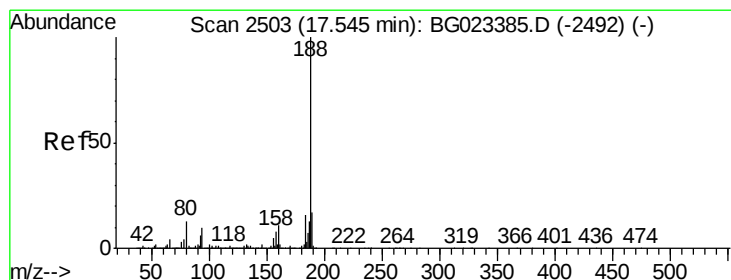
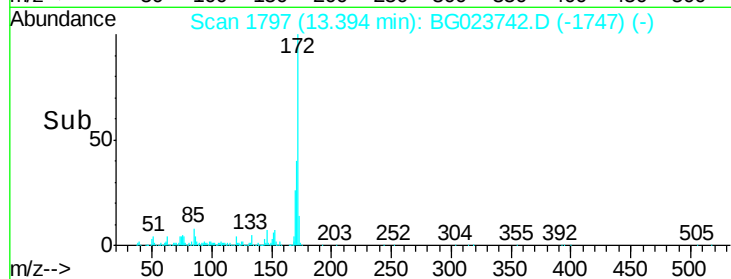
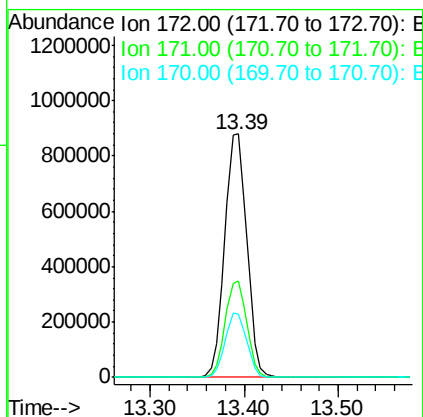
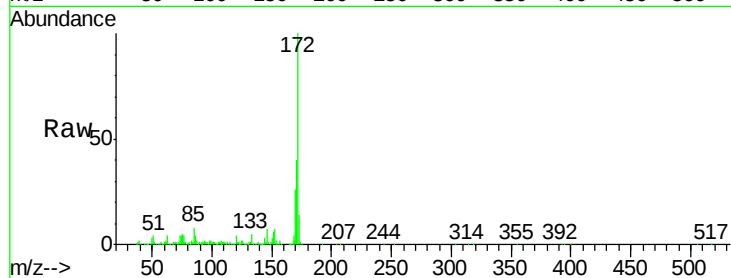




#44
 2-Fluorobiphenyl
 Concen: 68.21 ng
 RT: 13.39 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BG023742.D
 Acq: 17 Aug 2016 00:19

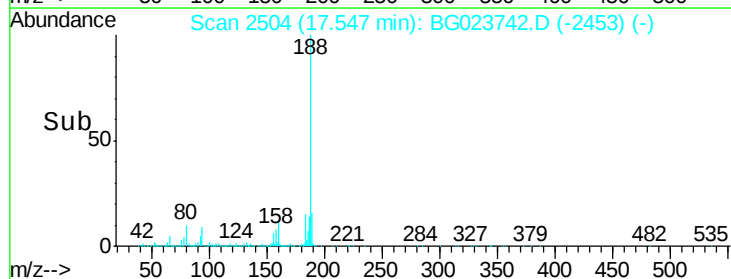
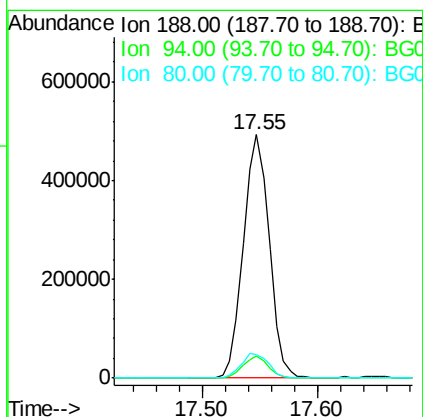
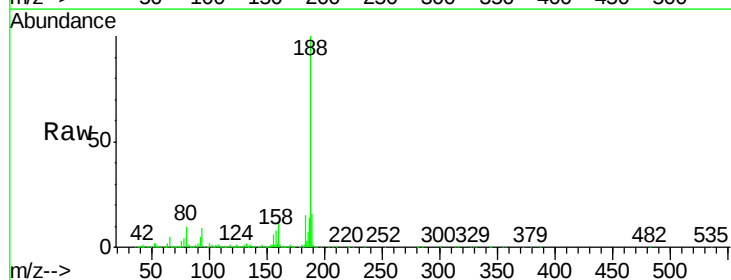
Instrument :
 BNA_G
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 PB92838TB

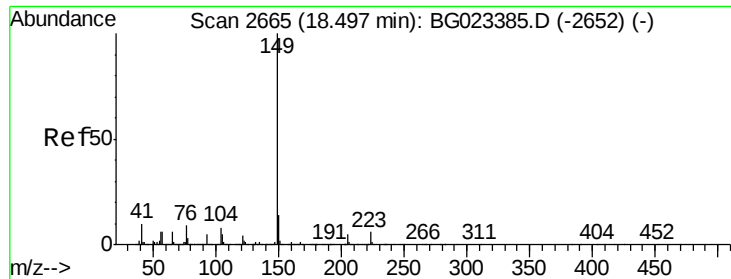
Tgt Ion:172 Resp: 1442513
 Ion Ratio Lower Upper
 172 100
 171 39.7 31.6 47.4
 170 25.8 21.3 31.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.55 min Scan# 2504
 Delta R.T. 0.00 min
 Lab File: BG023742.D
 Acq: 17 Aug 2016 00:19

Tgt Ion:188 Resp: 769878
 Ion Ratio Lower Upper
 188 100
 94 9.2 5.2 7.8#
 80 9.8 7.2 10.8

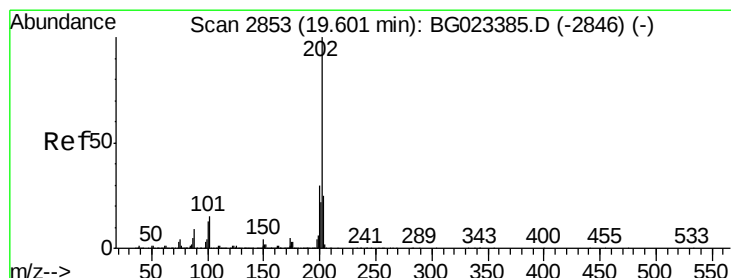
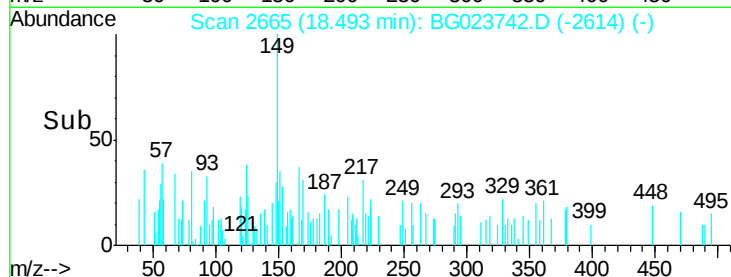
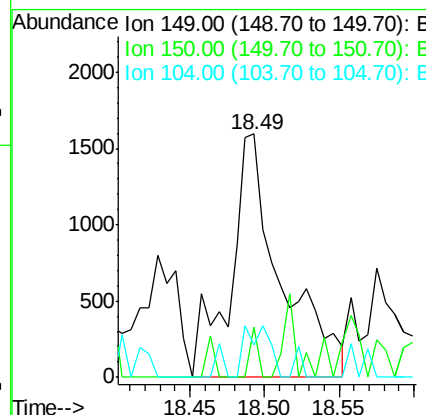
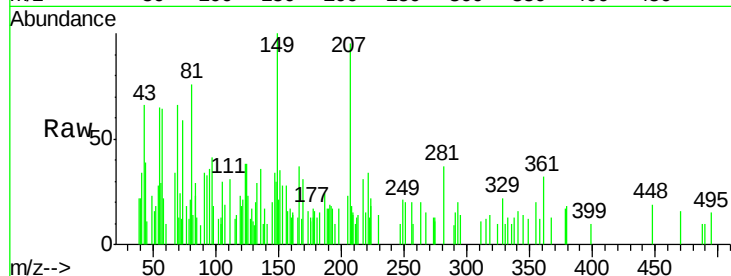




#73
Di-n-butylphthalate
Concen: Below Cal
RT: 18.49 min Scan# 2665
Delta R.T. -0.00 min
Lab File: BG023742.D
Acq: 17 Aug 2016 00:19

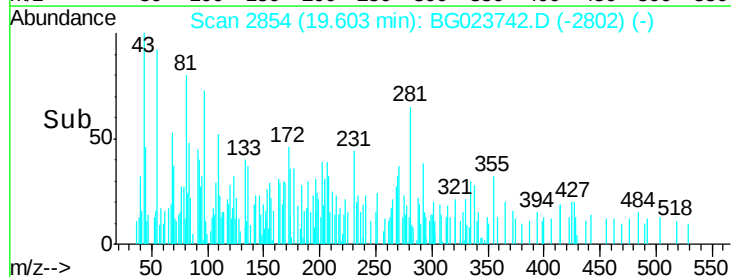
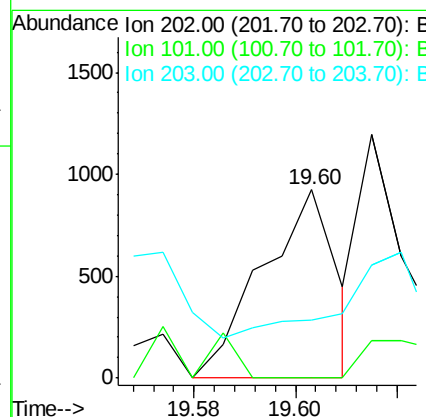
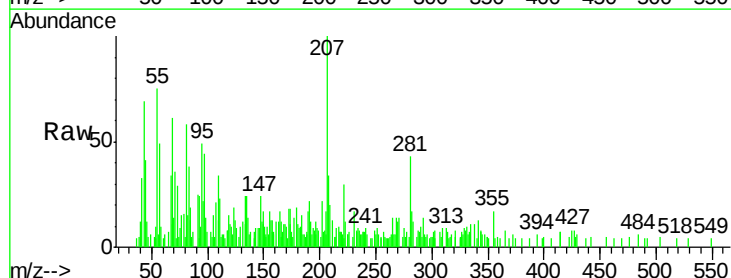
Instrument :
BNA_G
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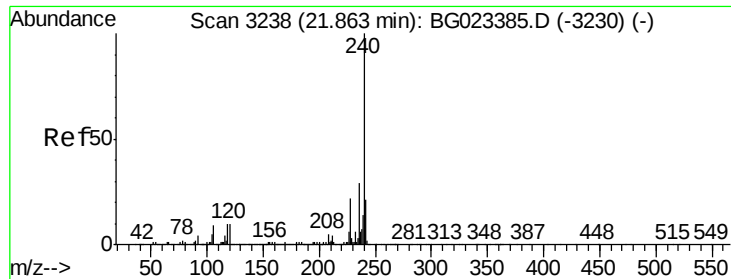
Tgt Ion:149 Resp: 3774
Ion Ratio Lower Upper
149 100
150 20.8 9.1 13.7#
104 13.1 6.9 10.3#



#74
Fluoranthene
Concen: Below Cal
RT: 19.60 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG023742.D
Acq: 17 Aug 2016 00:19

Tgt Ion:202 Resp: 938
Ion Ratio Lower Upper
202 100
101 0.0 0.0 27.4
203 31.0 1.7 41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.87 min Scan# 3240

Delta R.T. 0.01 min

Lab File: BG023742.D

Acq: 17 Aug 2016 00:19

Instrument :

BNA_G

ClientSampleId :

PB92838TB

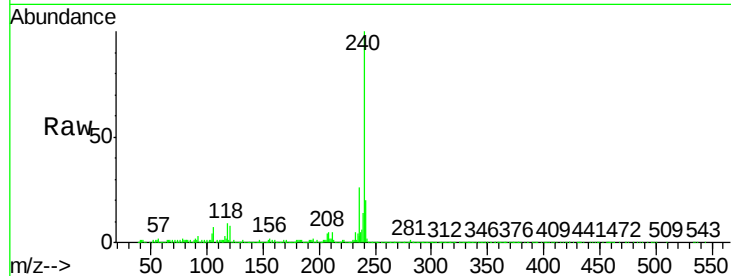
Tgt Ion:240 Resp: 743610

Ion Ratio Lower Upper

240 100

120 7.8 4.1 6.1#

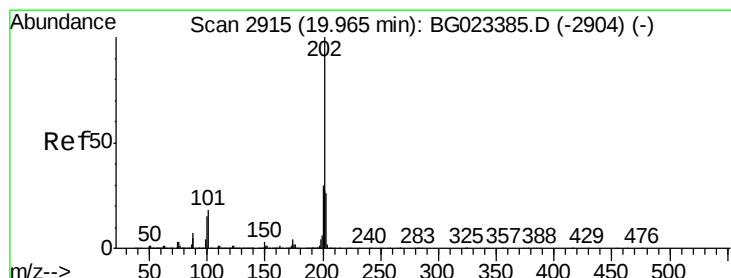
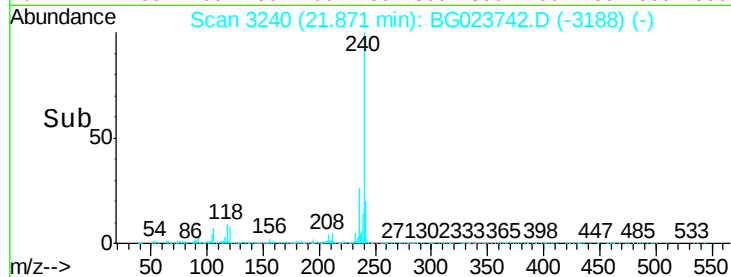
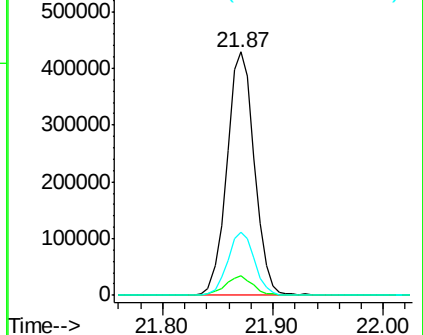
236 26.1 21.1 31.7



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



#77

Pyrene

Concen: Below Cal

RT: 19.97 min Scan# 2916

Delta R.T. 0.00 min

Lab File: BG023742.D

Acq: 17 Aug 2016 00:19

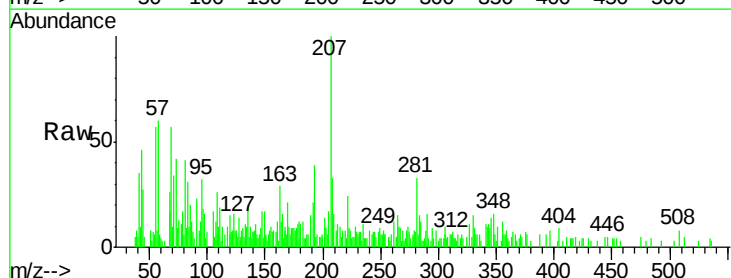
Tgt Ion:202 Resp: 533

Ion Ratio Lower Upper

202 100

200 28.9 21.2 31.8

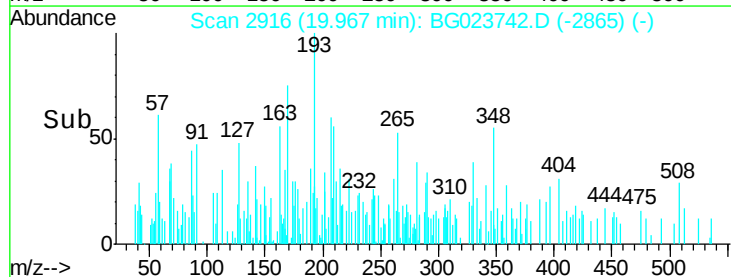
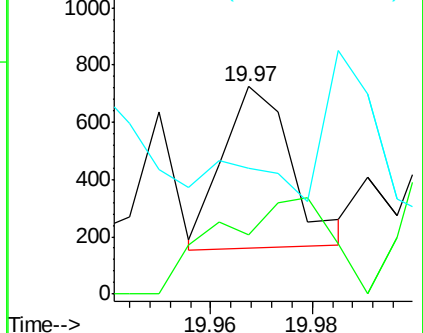
203 60.9 16.8 25.2#

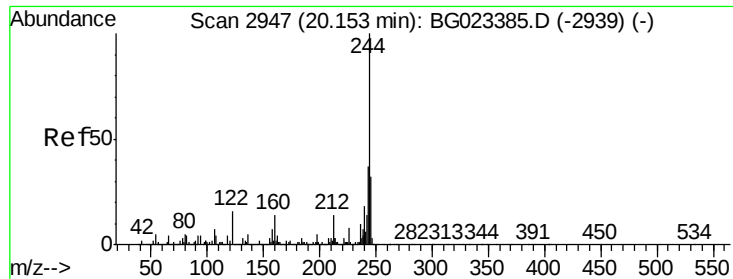


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 73.62 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023742.D

Acq: 17 Aug 2016 00:19

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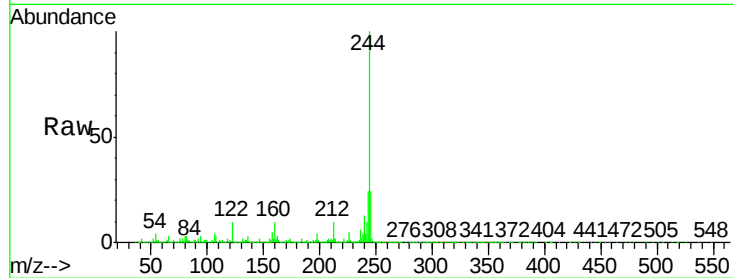
Tgt Ion:244 Resp: 1810183

Ion Ratio Lower Upper

244 100

212 10.5 10.8 16.2#

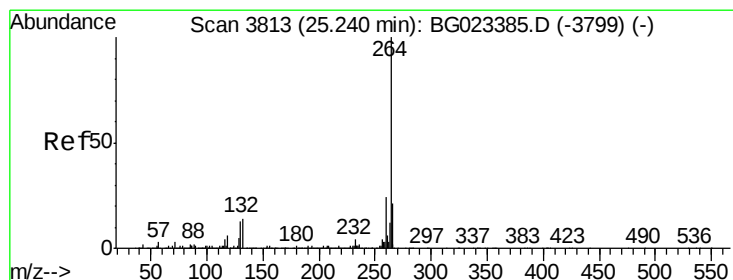
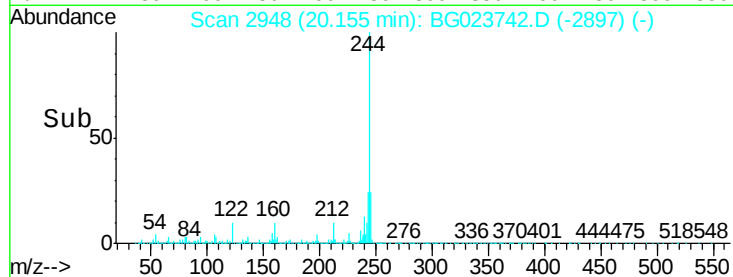
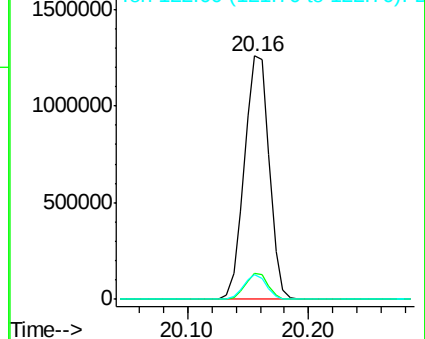
122 10.3 8.0 12.0



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

Perylene-d12

Concen: 20.00 ng

RT: 25.28 min Scan# 3820

Delta R.T. 0.04 min

Lab File: BG023742.D

Acq: 17 Aug 2016 00:19

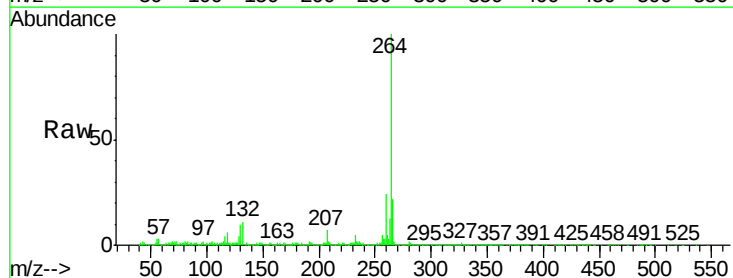
Tgt Ion:264 Resp: 743895

Ion Ratio Lower Upper

264 100

260 24.4 18.4 27.6

265 22.0 18.9 28.3



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

