

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081616\
 Data File : BG023740.D
 Acq On : 16 Aug 2016 23:04
 Operator : UM/SJ
 Sample : PB92838BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92838BL

Quant Time: Aug 17 01:06:55 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

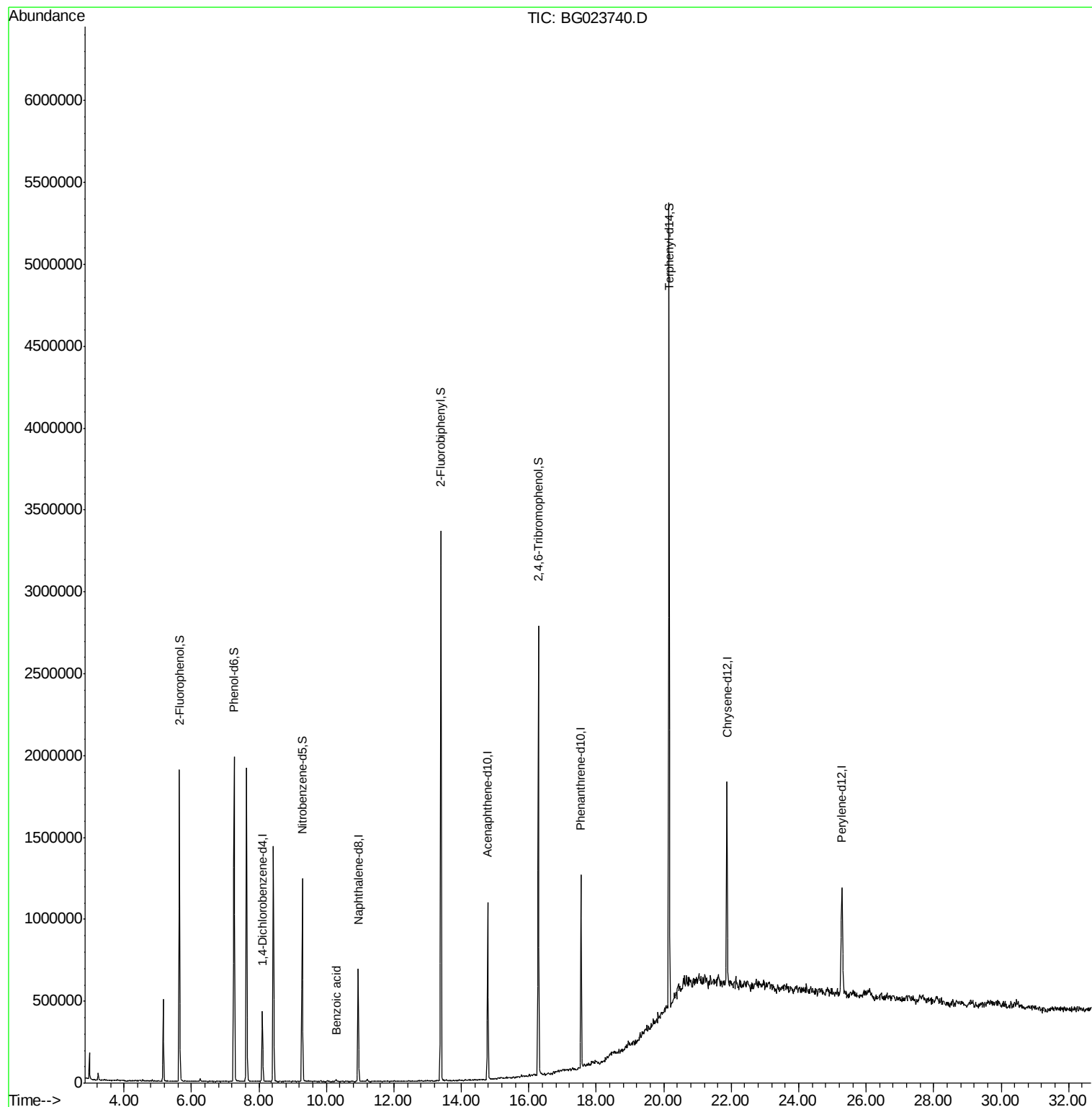
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	111423	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	538177	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	356393	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	738402	20.00	ng	0.00
75) Chrysene-d12	21.87	240	722872	20.00	ng	0.01
86) Perylene-d12	25.28	264	755781	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	763789	115.39	ng	-0.02
7) Phenol-d6	7.26	99	1144249	110.98	ng	-0.01
23) Nitrobenzene-d5	9.29	82	817705	75.54	ng	-0.01
41) 2,4,6-Tribromophenol	16.29	330	519942	99.74	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1687362	79.86	ng	0.00
78) Terphenyl-d14	20.16	244	1943936	83.91	ng	0.00
Target Compounds						
9) Benzaldehyde	7.20	77	177	Below Cal	#	5
32) Benzoic acid	10.29	122	93	6.45 ng	#	1
73) Di-n-butylphthalate	18.50	149	2644	Below Cal	#	92
74) Fluoranthene	19.62	202	497	Below Cal	#	1
77) Pyrene	19.98	202	1150	Below Cal	#	28

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

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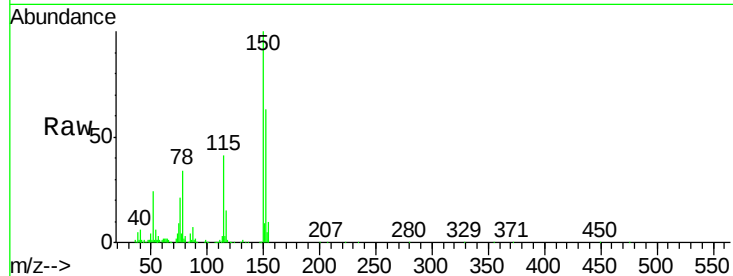


#1

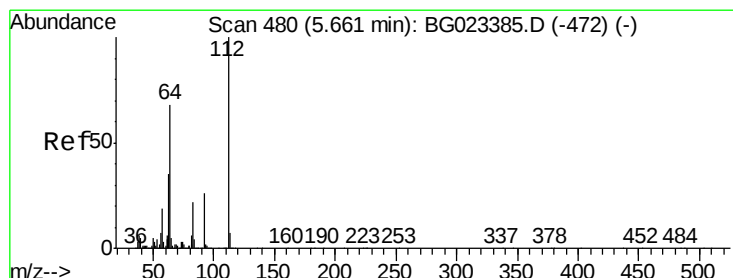
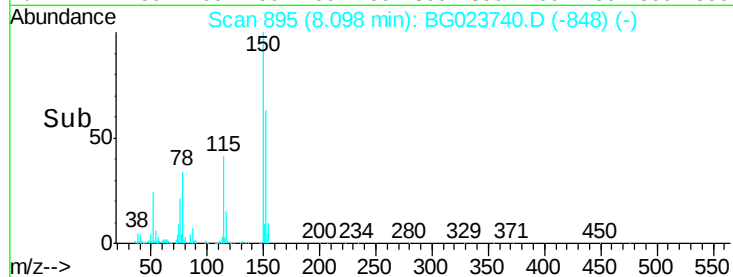
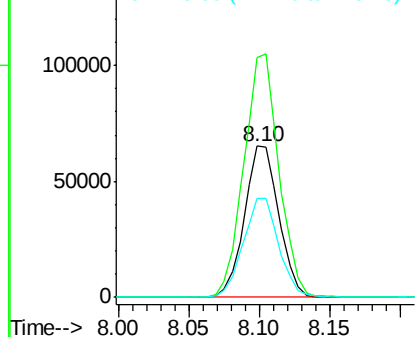
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.10 min Scan# 895
Delta R.T. -0.02 min
Lab File: BG023740.D
Acq: 16 Aug 2016 23:04

Instrument :
BNA_G
ClientSampleId :
PB92838BL

Tgt Ion:152 Resp: 111423
Ion Ratio Lower Upper
152 100
150 158.5 144.7 217.1
115 65.6 64.0 96.0



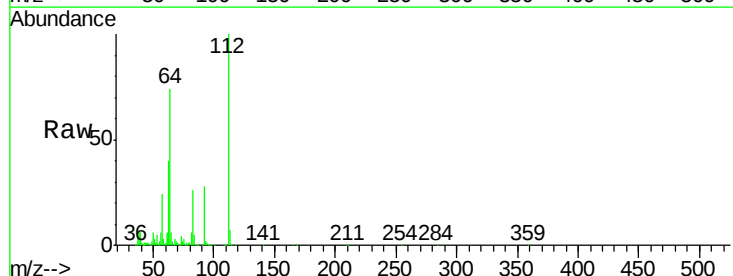
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



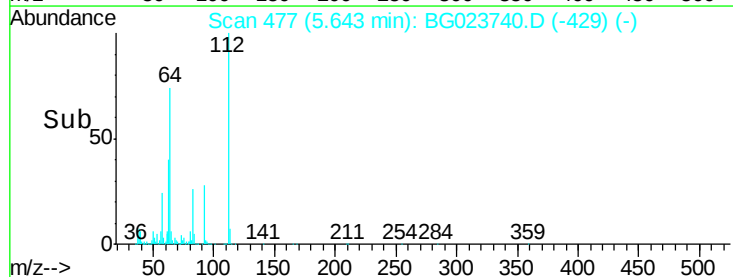
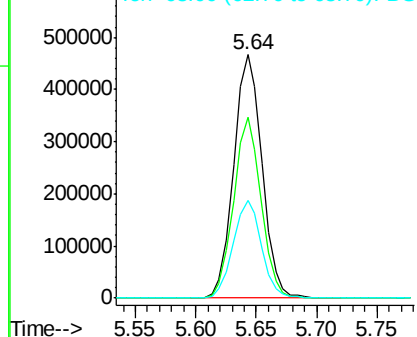
#5

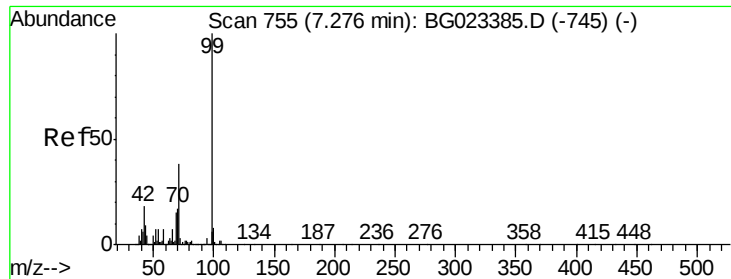
2-Fluorophenol
Concen: 115.39 ng
RT: 5.64 min Scan# 477
Delta R.T. -0.02 min
Lab File: BG023740.D
Acq: 16 Aug 2016 23:04

Tgt Ion:112 Resp: 763789
Ion Ratio Lower Upper
112 100
64 74.4 59.0 88.4
63 40.1 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: 110.98 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG023740.D

Acq: 16 Aug 2016 23:04

Instrument :

BNA_G

ClientSampleId :

PB92838BL

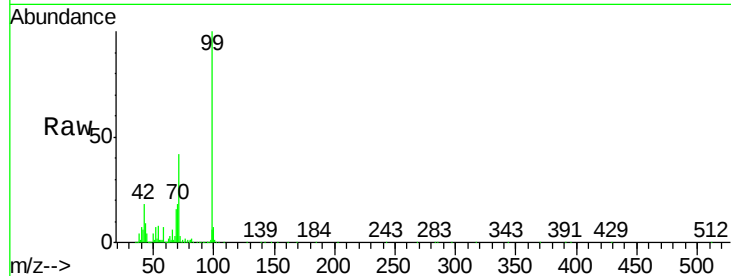
Tgt Ion: 99 Resp: 1144249

Ion Ratio Lower Upper

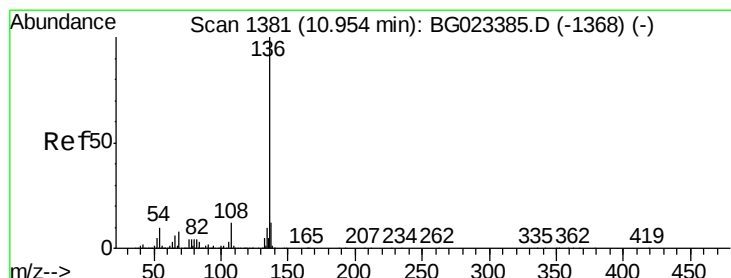
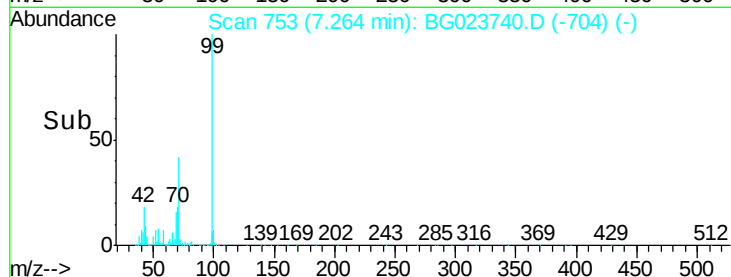
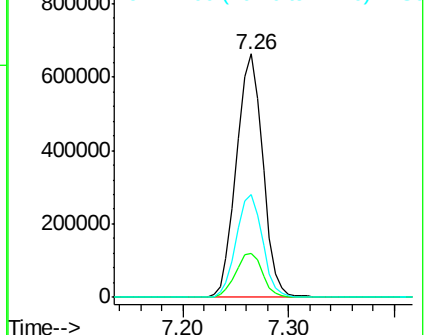
99 100

42 18.3 17.8 26.6

71 42.3 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. -0.01 min

Lab File: BG023740.D

Acq: 16 Aug 2016 23:04

Tgt Ion: 136 Resp: 538177

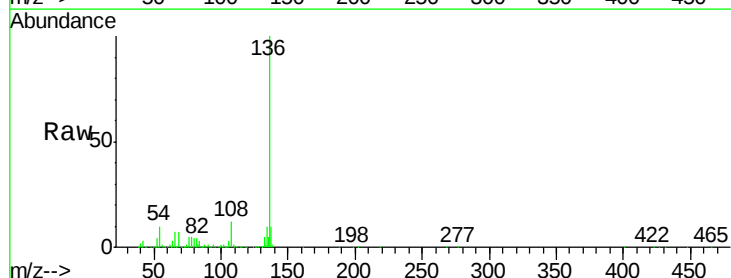
Ion Ratio Lower Upper

136 100

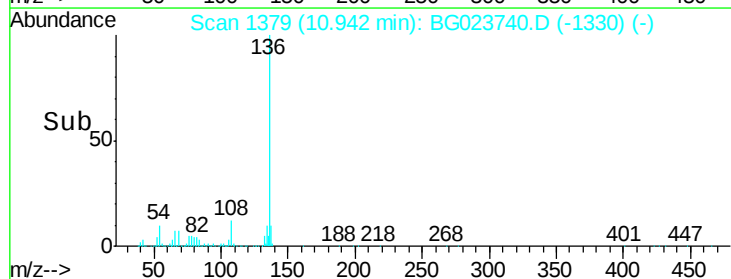
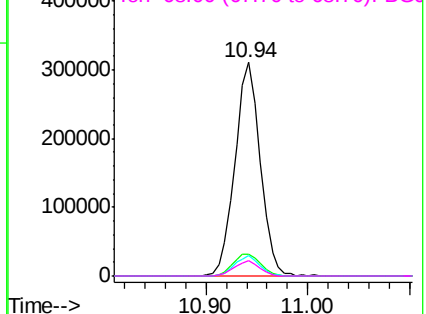
137 10.2 9.6 14.4

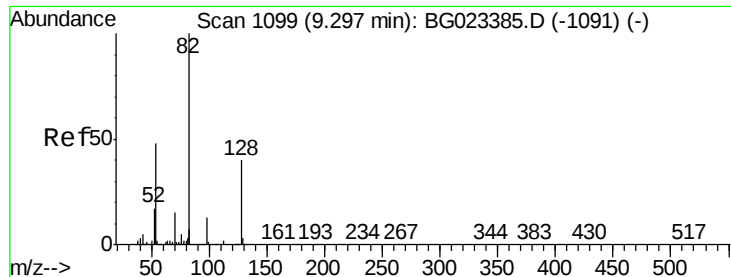
54 9.6 7.3 10.9

68 7.1 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

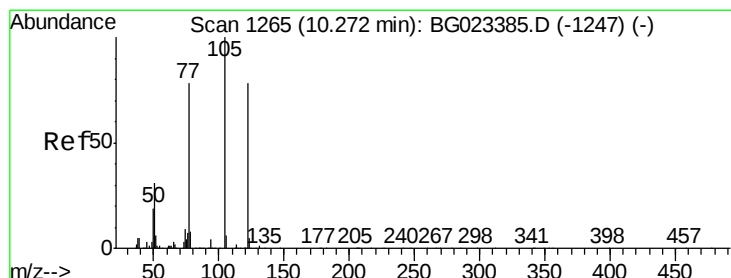
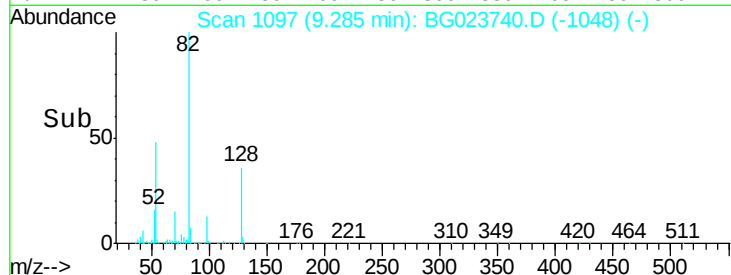
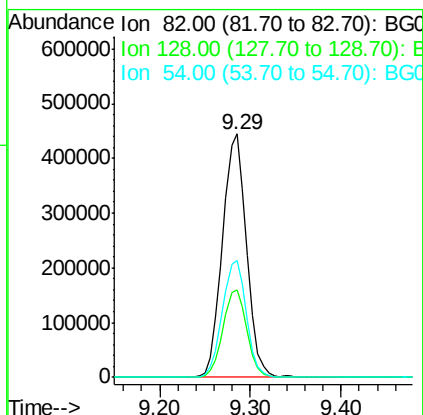
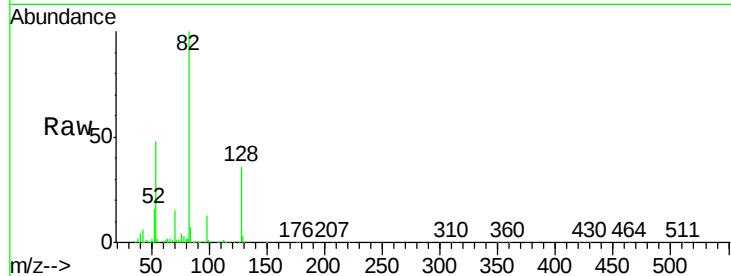




#23
 Nitrobenzene-d5
 Concen: 75.54 ng
 RT: 9.29 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BG023740.D
 Acq: 16 Aug 2016 23:04

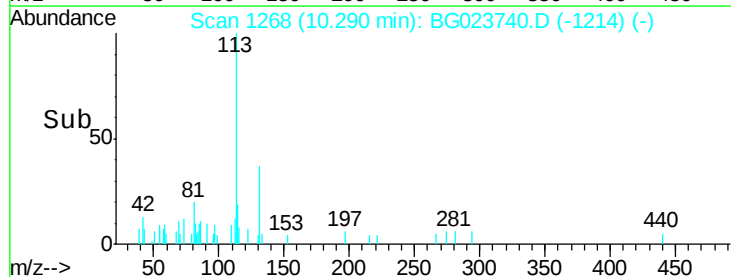
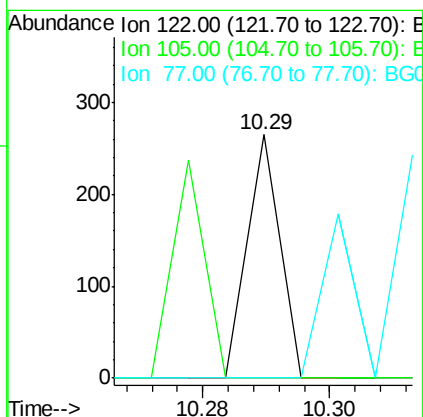
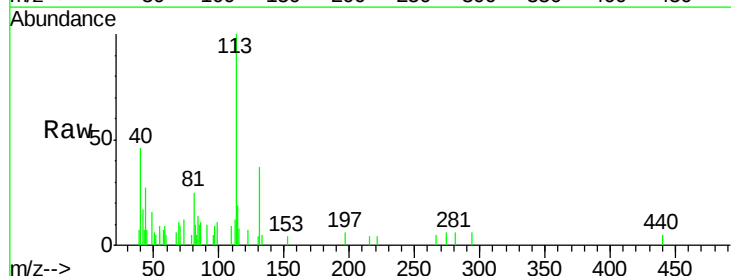
Instrument :
 BNA_G
 ClientSampleId :
 PB92838BL

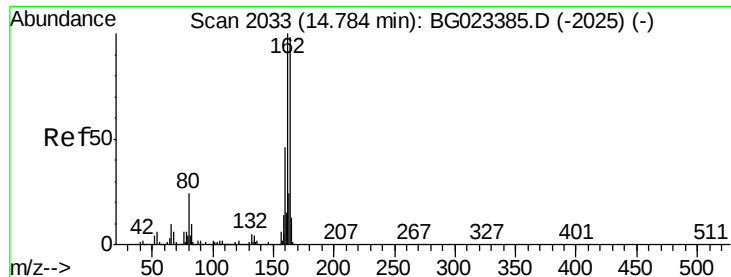
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.0	24.4	36.6
54	48.1	41.4	62.0



#32
 Benzoic acid
 Concen: 6.45 ng
 RT: 10.29 min Scan# 1268
 Delta R.T. 0.02 min
 Lab File: BG023740.D
 Acq: 16 Aug 2016 23:04

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: BG023740.D

Acq: 16 Aug 2016 23:04

Instrument :

BNA_G

ClientSampleId :

PB92838BL

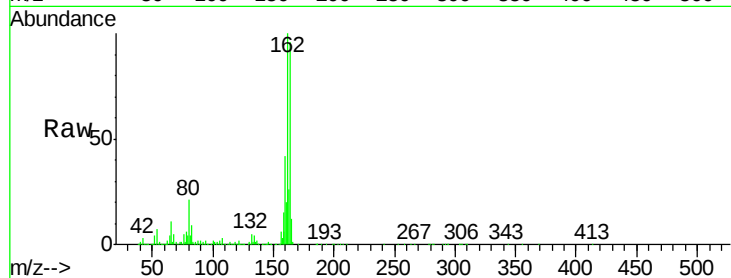
Tgt Ion:164 Resp: 356393

Ion Ratio Lower Upper

164 100

162 103.9 87.7 131.5

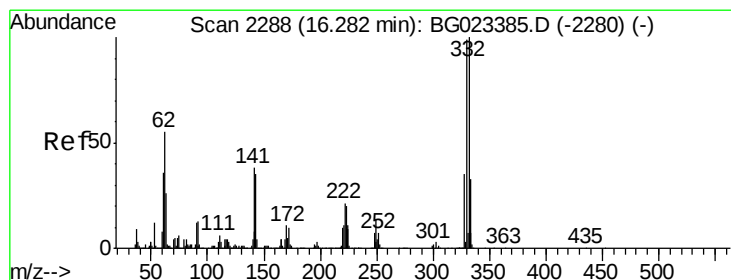
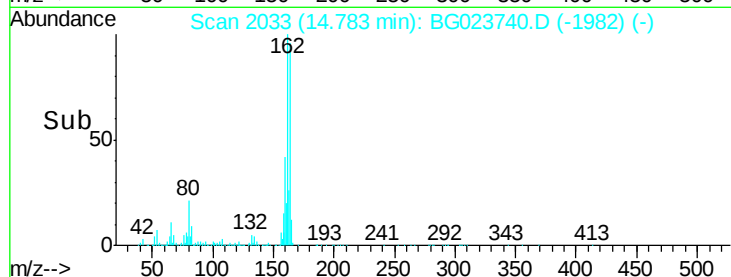
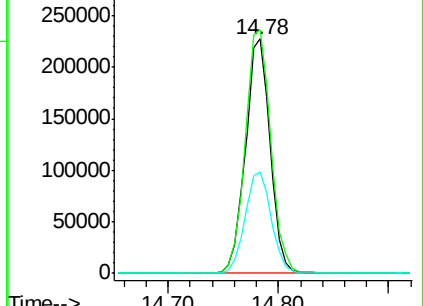
160 43.3 37.2 55.8



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



#41

2,4,6-Tribromophenol

Concen: 99.74 ng

RT: 16.29 min Scan# 2289

Delta R.T. 0.01 min

Lab File: BG023740.D

Acq: 16 Aug 2016 23:04

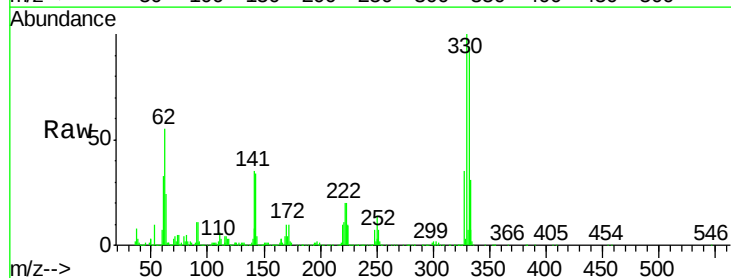
Tgt Ion:330 Resp: 519942

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

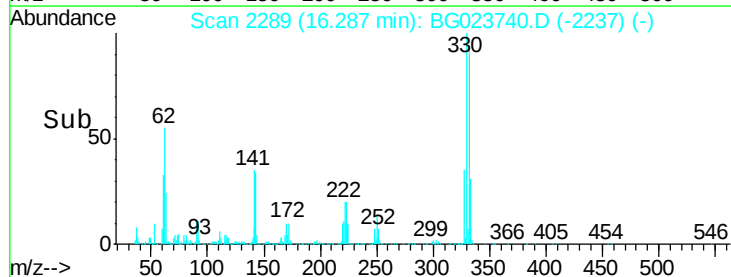
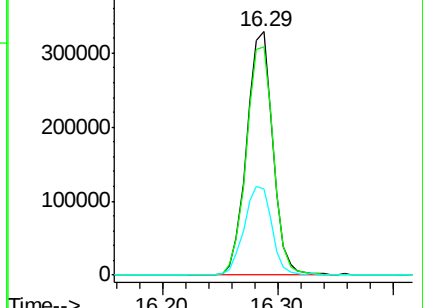
141 38.2 31.7 47.5

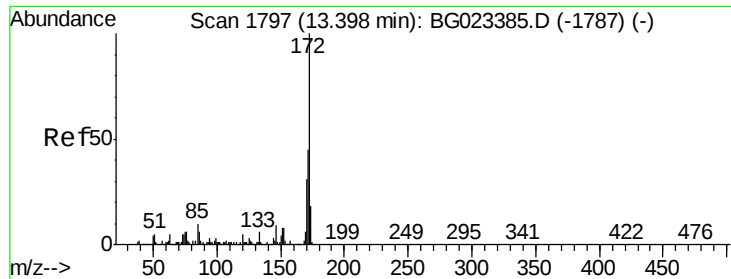


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

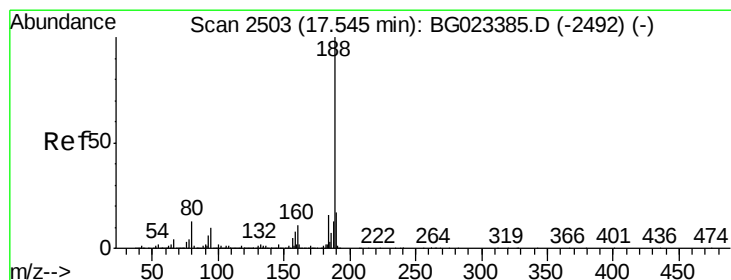
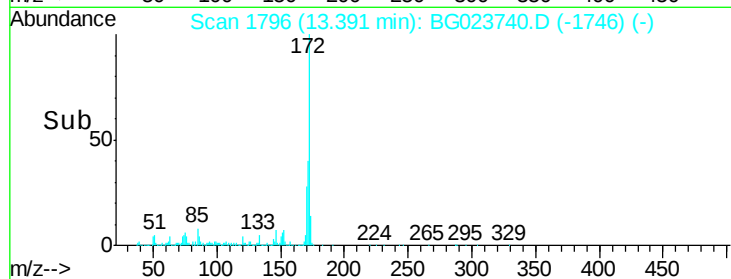
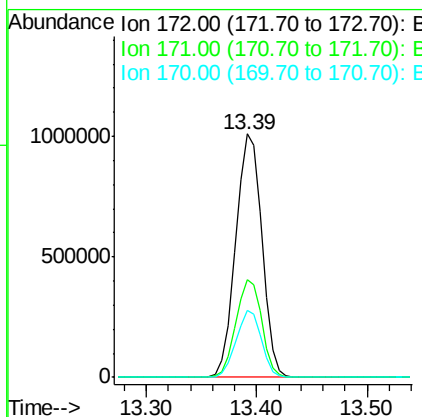
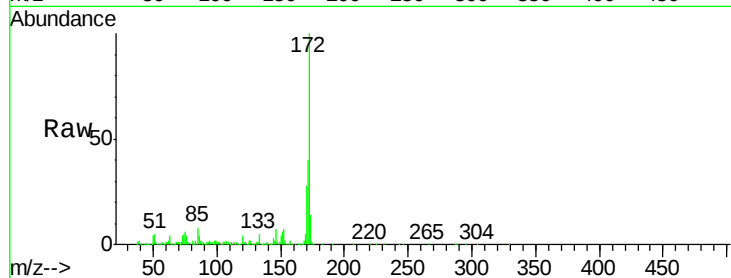




#44
2-Fluorobiphenyl
Concen: 79.86 ng
RT: 13.39 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BG023740.D
Acq: 16 Aug 2016 23:04

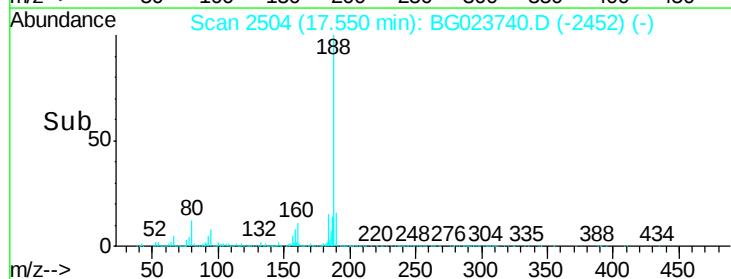
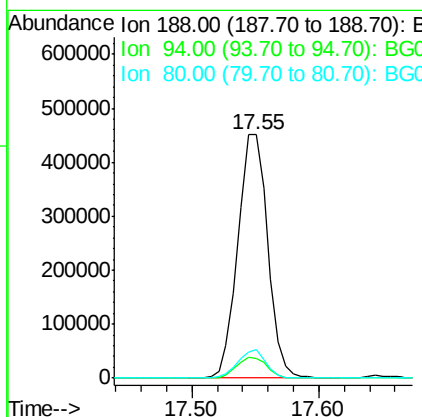
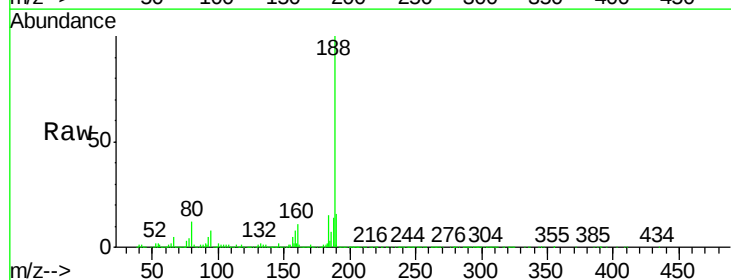
Instrument :
BNA_G
ClientSampleId :
PB92838BL

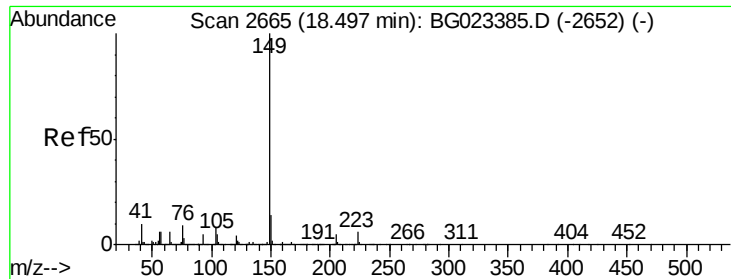
Tgt Ion:172 Resp: 1687362
Ion Ratio Lower Upper
172 100
171 40.2 31.6 47.4
170 27.7 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.01 min
Lab File: BG023740.D
Acq: 16 Aug 2016 23:04

Tgt Ion:188 Resp: 738402
Ion Ratio Lower Upper
188 100
94 8.1 5.2 7.8#
80 11.7 7.2 10.8#

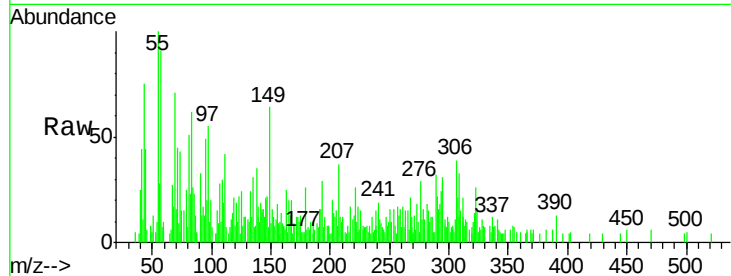




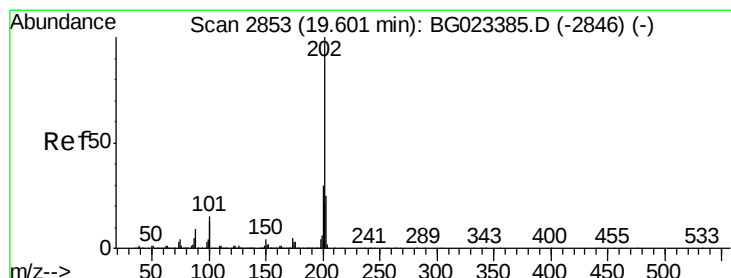
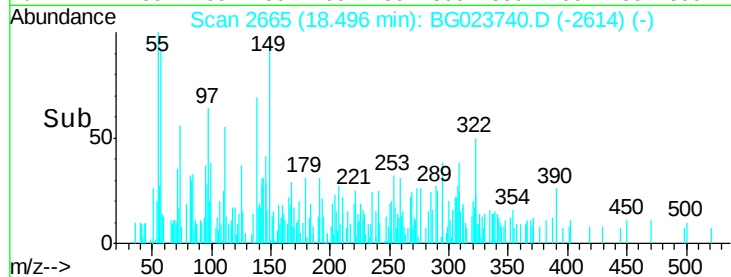
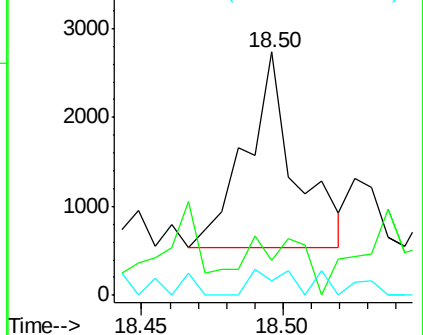
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 18.50 min Scan# 2665
Delta R.T. 0.00 min
Lab File: BG023740.D
Acq: 16 Aug 2016 23:04

Instrument :
BNA_G
ClientSampleId :
PB92838BL

Tgt Ion:149 Resp: 2644
Ion Ratio Lower Upper
149 100
150 14.6 9.1 13.7#
104 6.0 6.9 10.3#

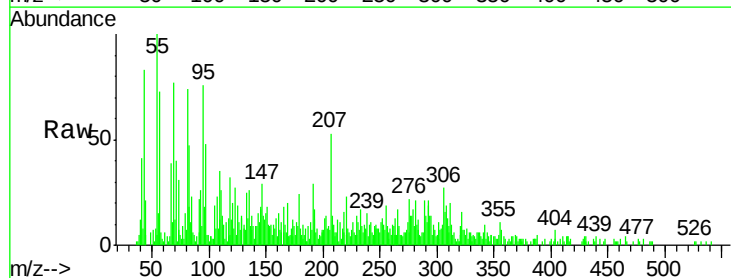


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

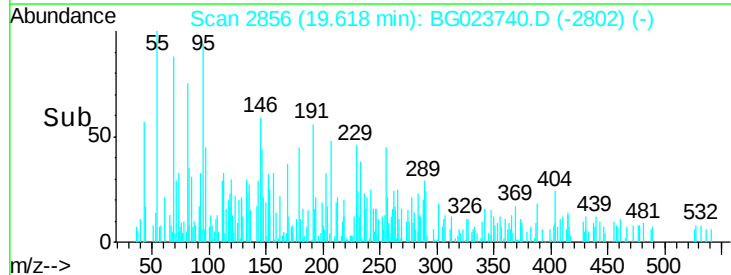
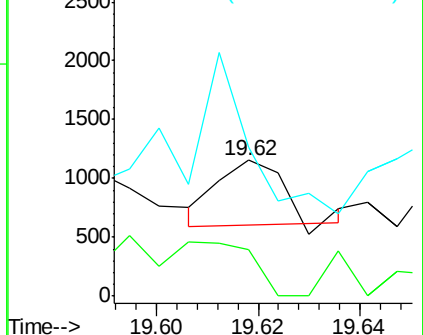


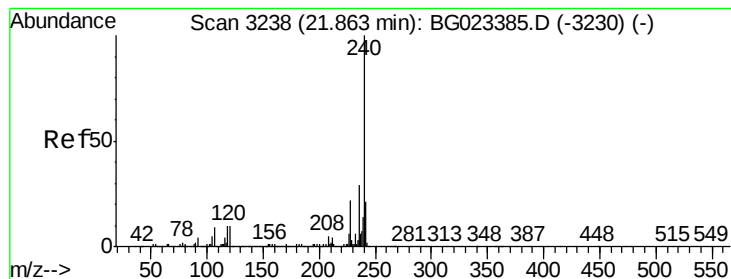
#74
Fluoranthene
Concen: Below Cal
RT: 19.62 min Scan# 2856
Delta R.T. 0.02 min
Lab File: BG023740.D
Acq: 16 Aug 2016 23:04

Tgt Ion:202 Resp: 497
Ion Ratio Lower Upper
202 100
101 34.1 0.0 27.4#
203 109.4 1.7 41.7#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.87 min Scan# 3240

Delta R.T. 0.01 min

Lab File: BG023740.D

Acq: 16 Aug 2016 23:04

Instrument :

BNA_G

ClientSampleId :

PB92838BL

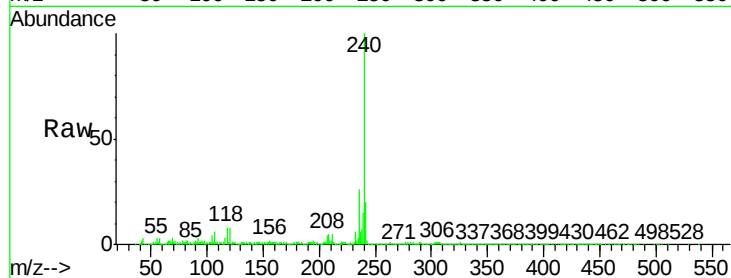
Tgt Ion:240 Resp: 722872

Ion Ratio Lower Upper

240 100

120 7.8 4.1 6.1#

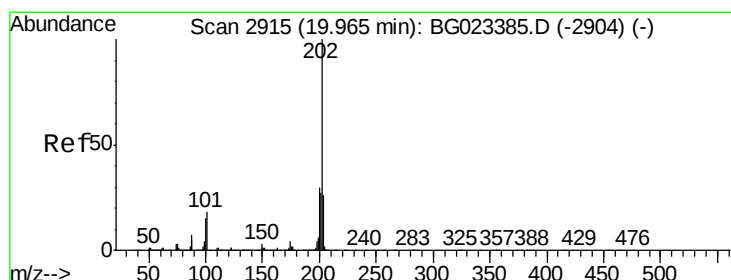
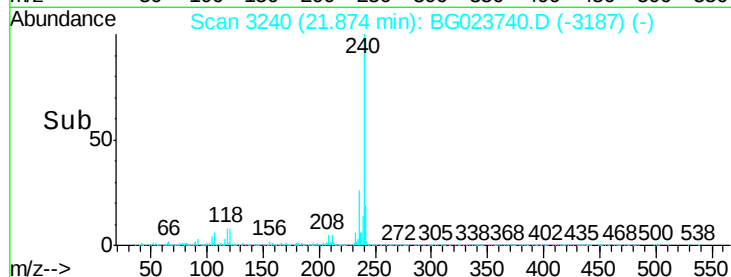
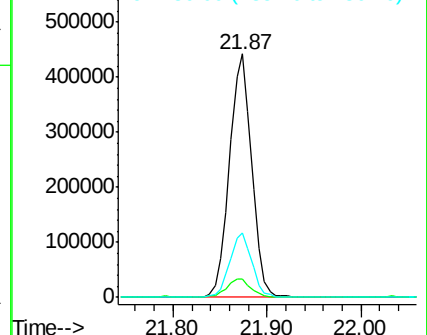
236 26.3 21.1 31.7



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: 19.98 min Scan# 2917

Delta R.T. 0.01 min

Lab File: BG023740.D

Acq: 16 Aug 2016 23:04

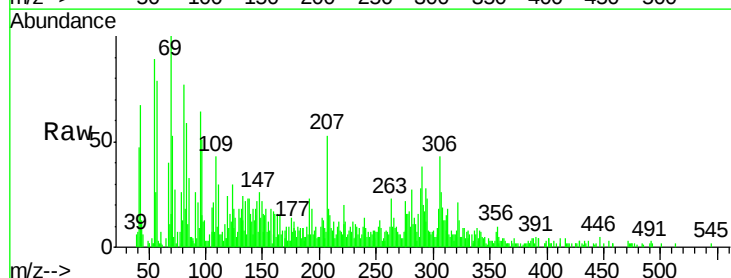
Tgt Ion:202 Resp: 1150

Ion Ratio Lower Upper

202 100

200 34.5 21.2 31.8#

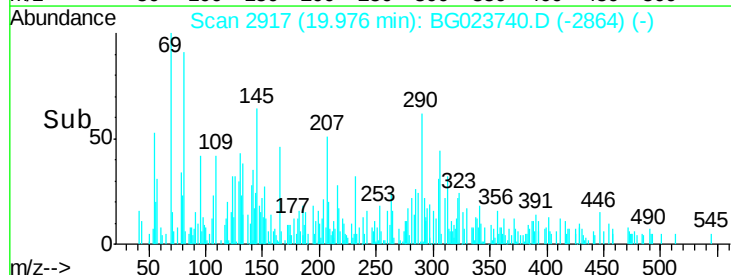
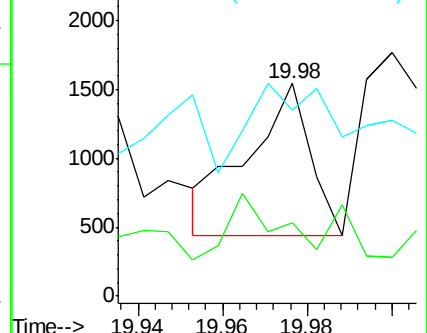
203 87.6 16.8 25.2#

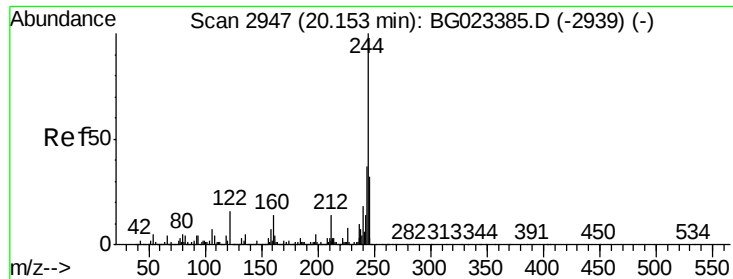


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 83.91 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG023740.D

Acq: 16 Aug 2016 23:04

Instrument :

BNA_G

ClientSampleId :

PB92838BL

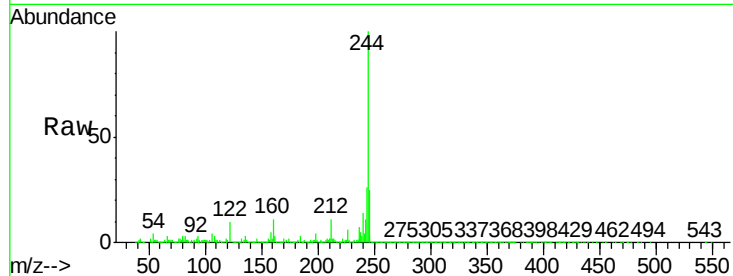
Tgt Ion:244 Resp: 1943936

Ion Ratio Lower Upper

244 100

212 11.2 10.8 16.2

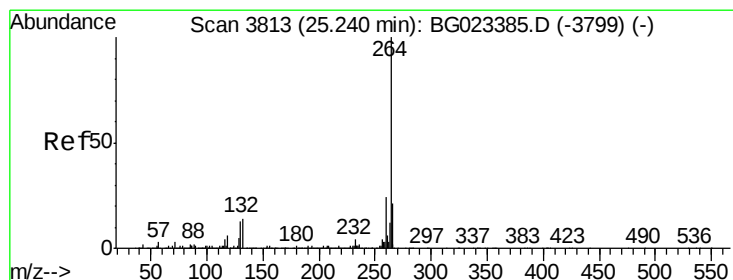
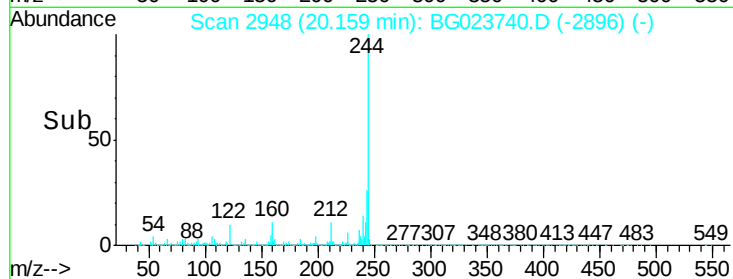
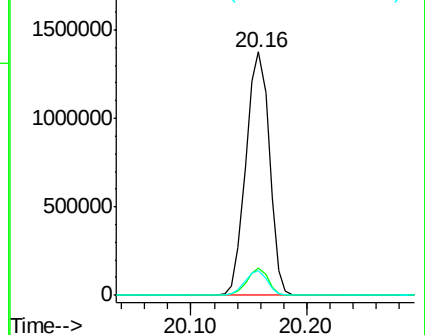
122 10.2 8.0 12.0



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: BG023740.D

Acq: 16 Aug 2016 23:04

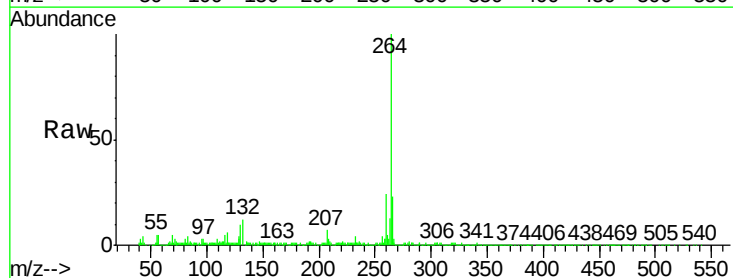
Tgt Ion:264 Resp: 755781

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 22.9 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

