

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082316\
 Data File : BG023874.D
 Acq On : 24 Aug 2016 4:16
 Operator : UM/SJ
 Sample : H4554-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P-3

Quant Time: Aug 24 04:52:04 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

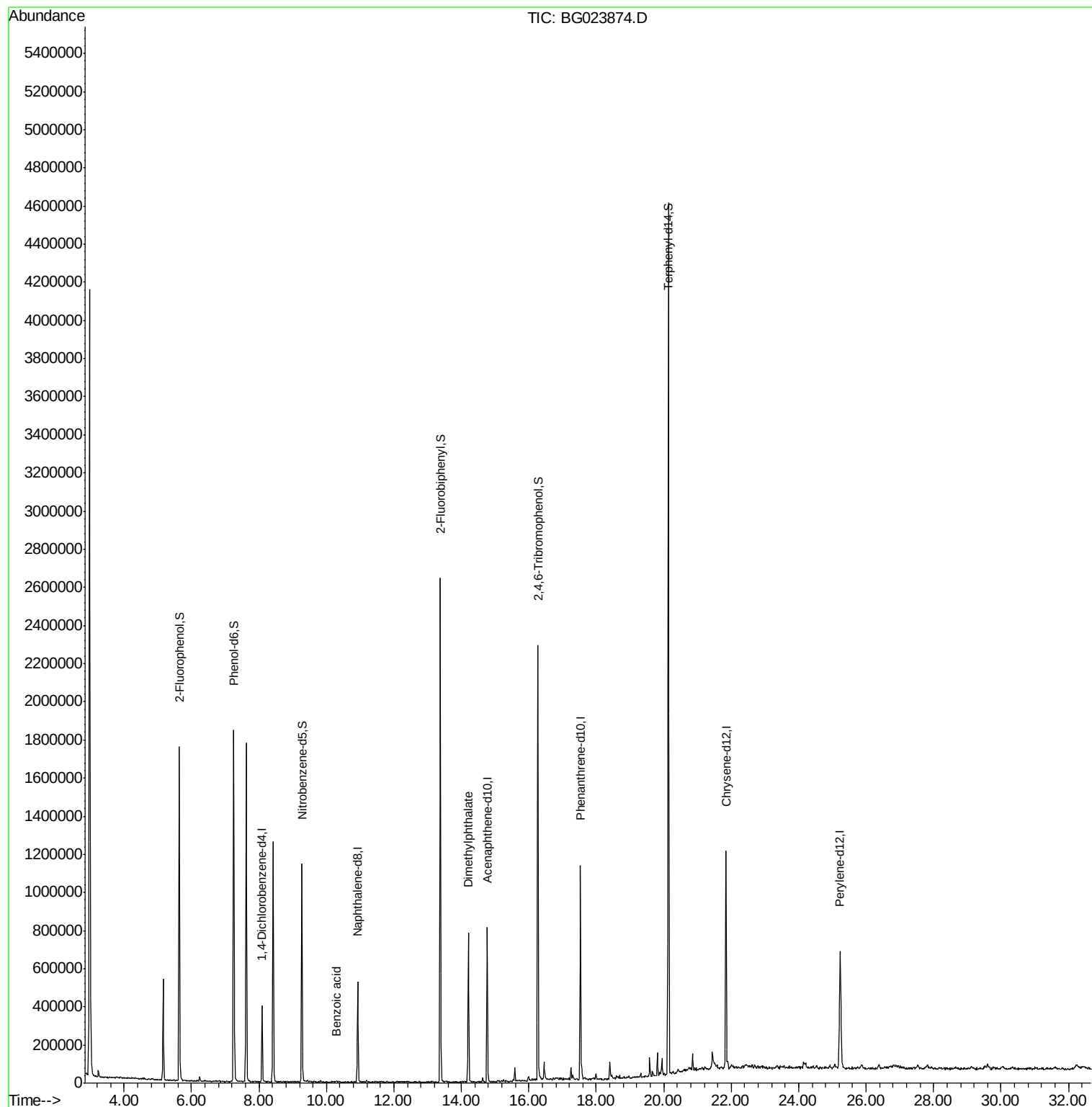
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	110517	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	448385	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	272595	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	658291	20.00	ng	-0.02
75) Chrysene-d12	21.85	240	711720	20.00	ng	-0.02
86) Perylene-d12	25.23	264	692739	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	730383	111.24	ng	-0.03
7) Phenol-d6	7.25	99	1074041	105.03	ng	-0.03
23) Nitrobenzene-d5	9.27	82	744037	82.50	ng	-0.03
41) 2,4,6-Tribromophenol	16.27	330	402553	100.96	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1326724	82.09	ng	-0.02
78) Terphenyl-d14	20.14	244	1842642	79.86	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.21	77	176	Below Cal	#	8
32) Benzoic acid	10.29	122	81	6.45	ng	# 1
49) Dimethylphthalate	14.20	163	499855	23.90	ng	98
73) Di-n-butylphthalate	18.48	149	1385	Below Cal	#	73
74) Fluoranthene	19.59	202	56070	Below Cal		89
77) Pyrene	19.95	202	53912	Below Cal	#	87

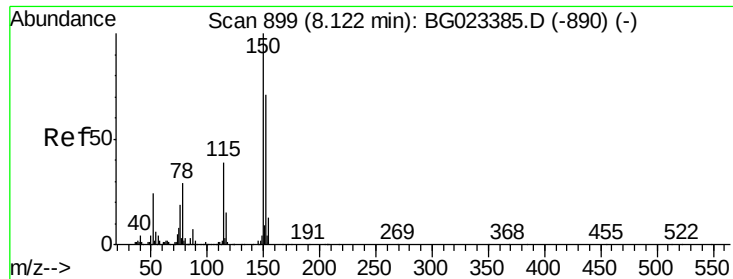
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 895

Delta R.T. -0.03 min

Lab File: BG023874.D

Acq: 24 Aug 2016 4:16

Instrument :

BNA_G

ClientSampleId :

P-3

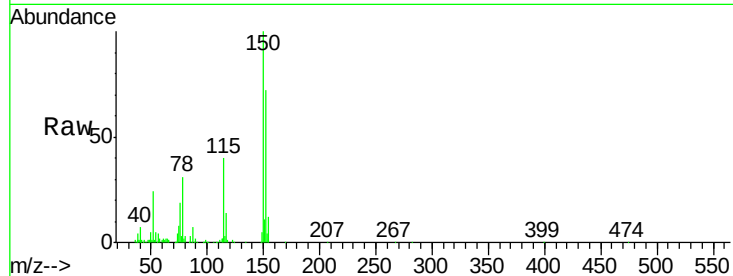
Tgt Ion:152 Resp: 110517

Ion Ratio Lower Upper

152 100

150 139.3 144.7 217.1#

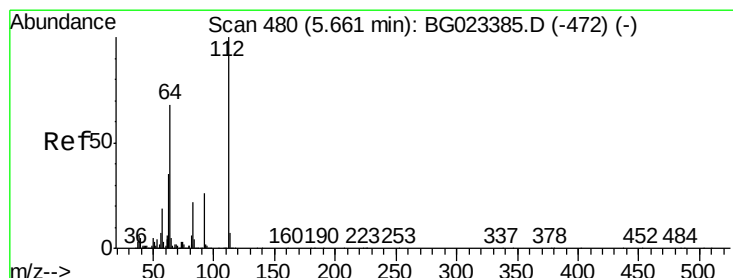
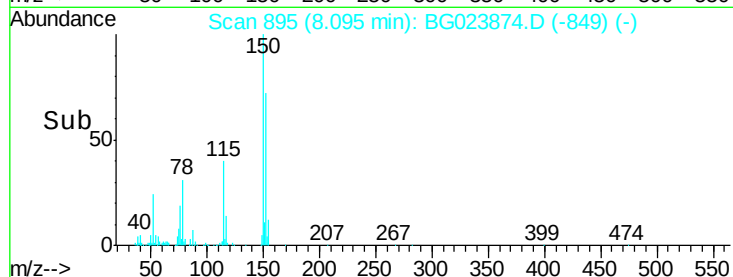
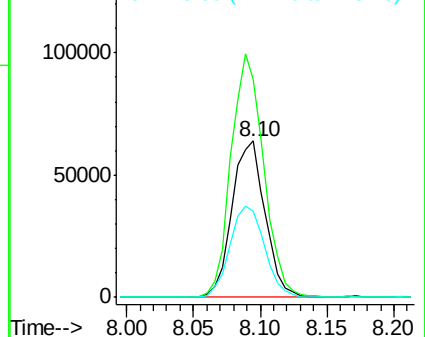
115 55.0 64.0 96.0#



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: 111.24 ng

RT: 5.63 min Scan# 476

Delta R.T. -0.03 min

Lab File: BG023874.D

Acq: 24 Aug 2016 4:16

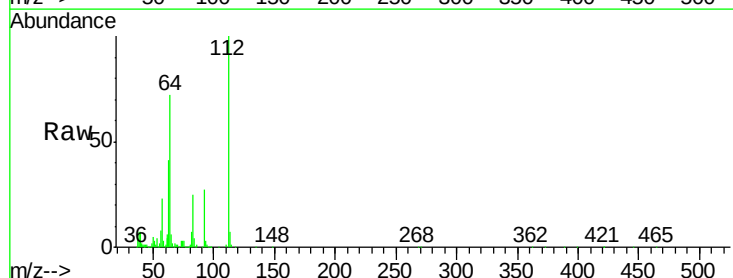
Tgt Ion:112 Resp: 730383

Ion Ratio Lower Upper

112 100

64 72.4 59.0 88.4

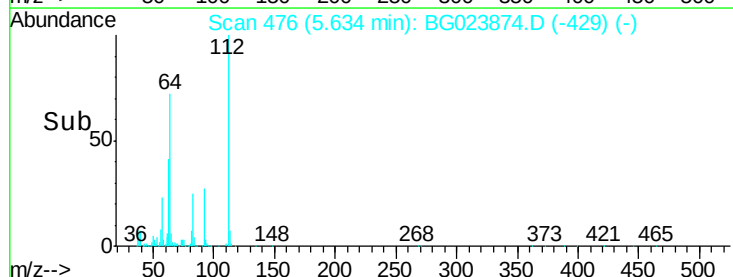
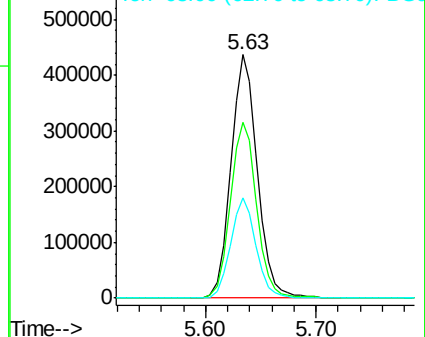
63 41.0 37.8 56.8

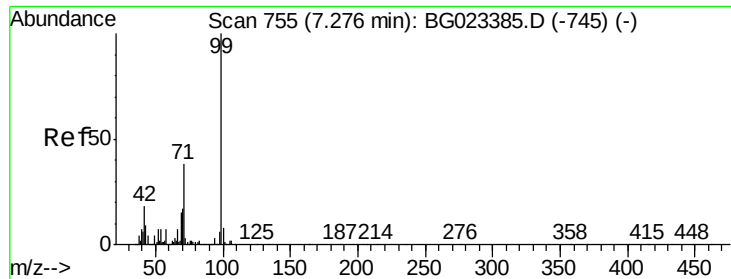


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 105.03 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG023874.D

Acq: 24 Aug 2016 4:16

Instrument :

BNA_G

ClientSampleId :

P-3

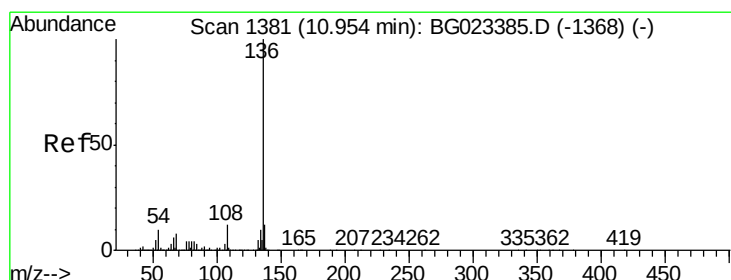
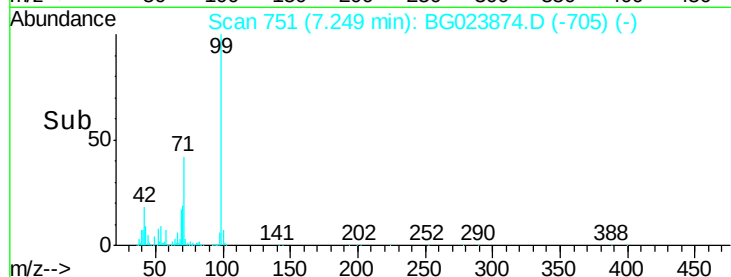
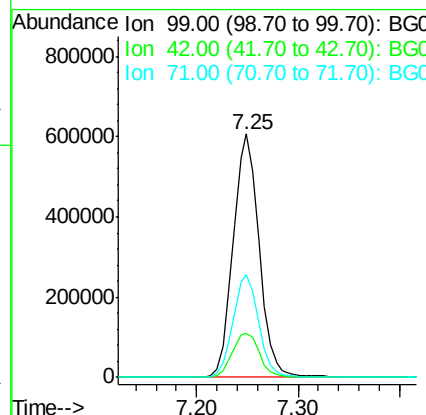
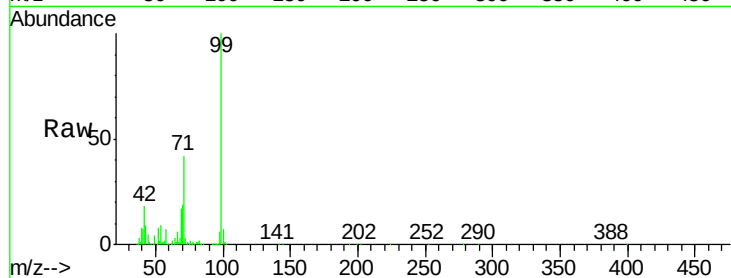
Tgt Ion: 99 Resp: 1074041

Ion Ratio Lower Upper

99 100

42 18.3 17.8 26.6

71 42.0 41.5 62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.93 min Scan# 1377

Delta R.T. -0.03 min

Lab File: BG023874.D

Acq: 24 Aug 2016 4:16

Tgt Ion: 136 Resp: 448385

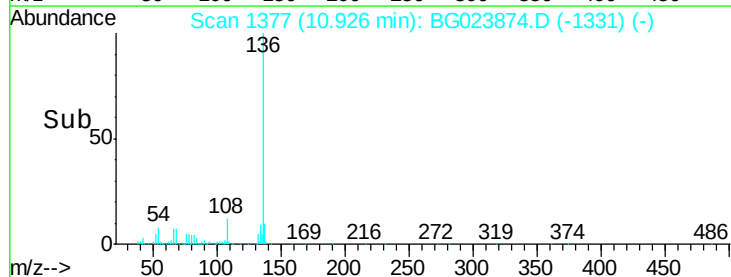
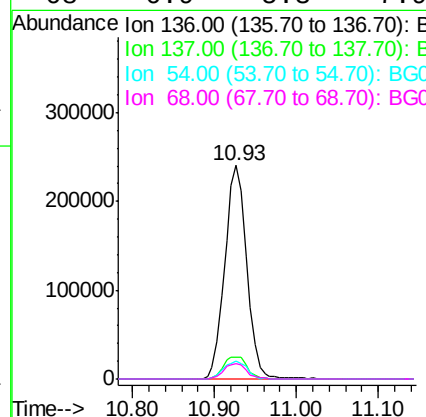
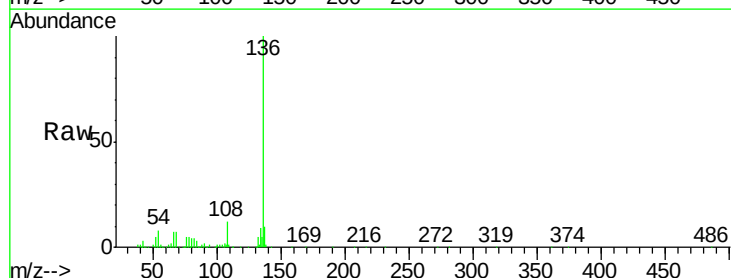
Ion Ratio Lower Upper

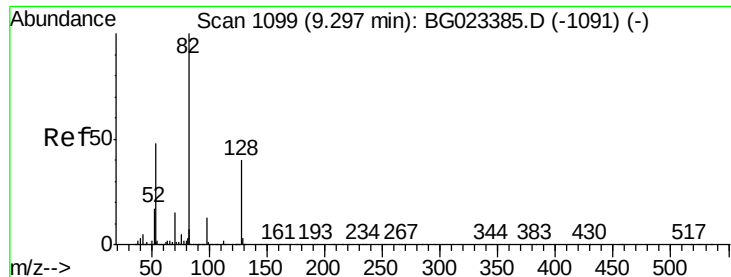
136 100

137 10.5 9.6 14.4

54 8.1 7.3 10.9

68 6.9 5.3 7.9

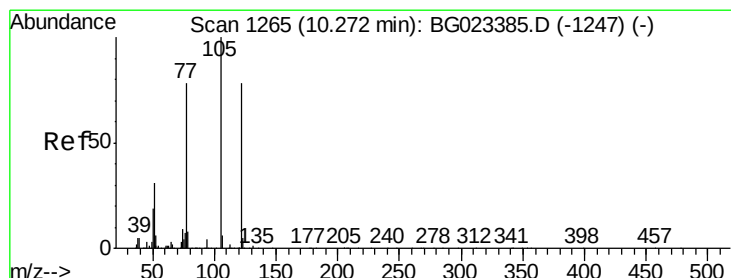
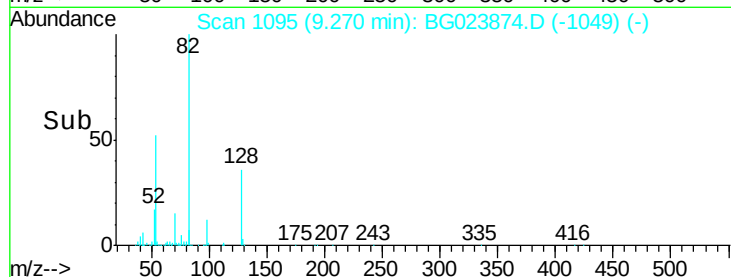
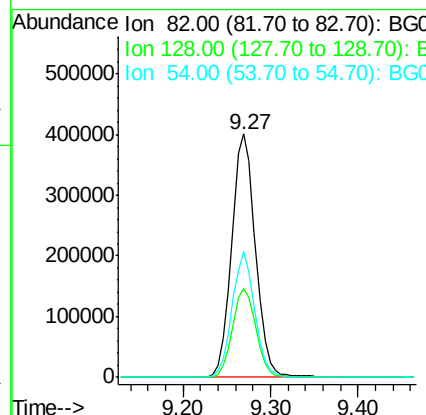
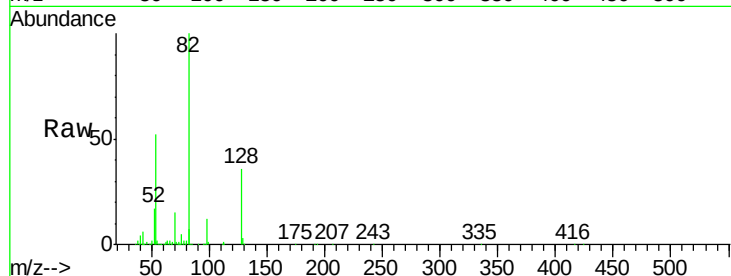




#23
 Nitrobenzene-d5
 Concen: 82.50 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BG023874.D
 Acq: 24 Aug 2016 4:16

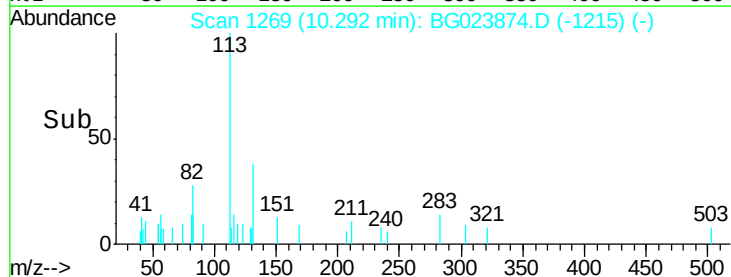
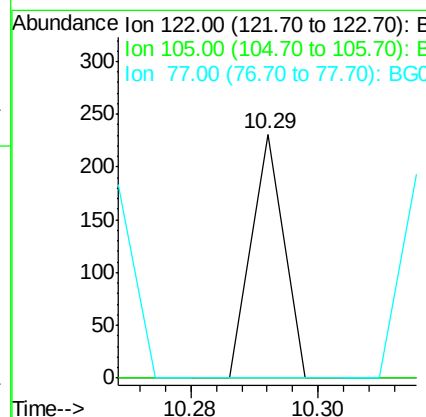
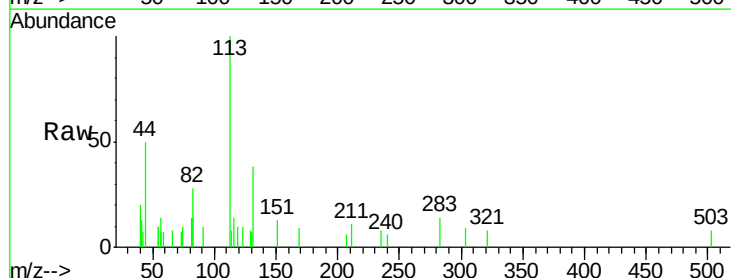
Instrument :
 BNA_G
 ClientSampleId :
 P-3

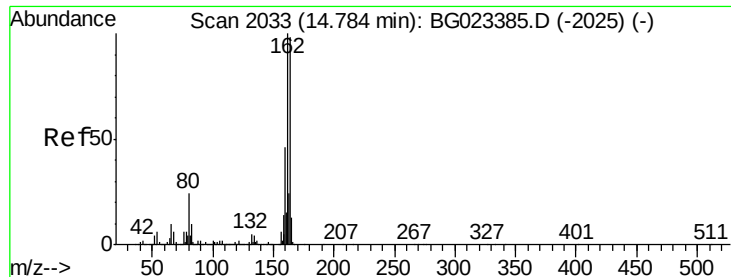
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.5	24.4	36.6
54	51.6	41.4	62.0



#32
 Benzoic acid
 Concen: 6.45 ng
 RT: 10.29 min Scan# 1269
 Delta R.T. 0.02 min
 Lab File: BG023874.D
 Acq: 24 Aug 2016 4:16

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: 14.76 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BG023874.D

Acq: 24 Aug 2016 4:16

Instrument :

BNA_G

ClientSampled :

P-3

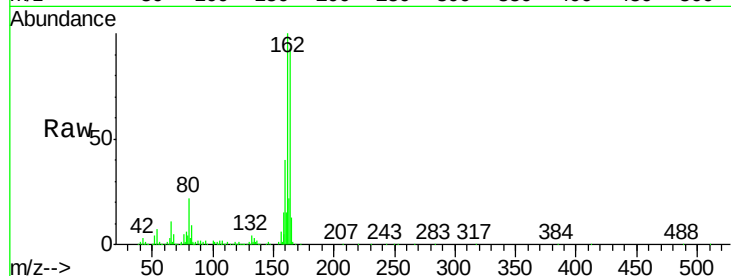
Tgt Ion:164 Resp: 272595

Ion Ratio Lower Upper

164 100

162 107.1 87.7 131.5

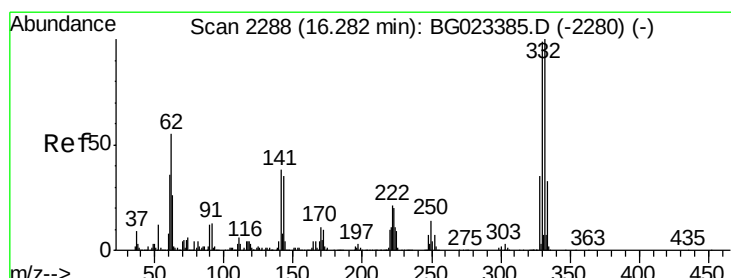
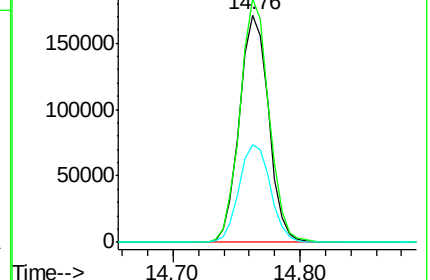
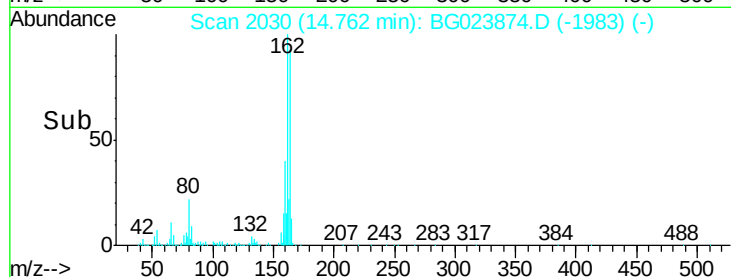
160 43.1 37.2 55.8



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: 100.96 ng

RT: 16.27 min Scan# 2286

Delta R.T. -0.02 min

Lab File: BG023874.D

Acq: 24 Aug 2016 4:16

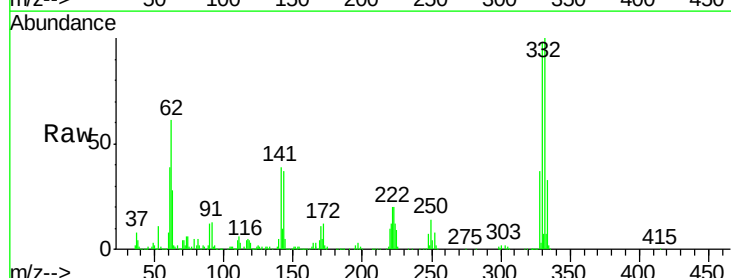
Tgt Ion:330 Resp: 402553

Ion Ratio Lower Upper

330 100

332 99.0 77.4 116.2

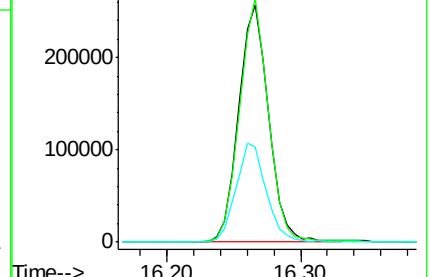
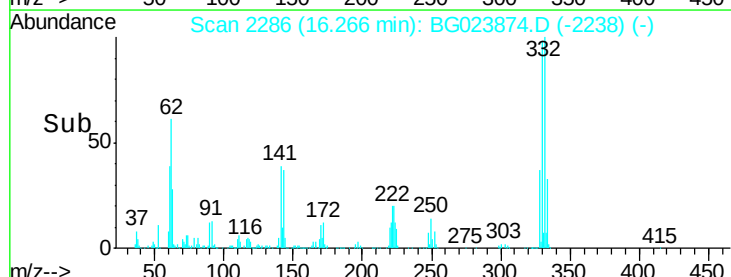
141 42.2 31.7 47.5

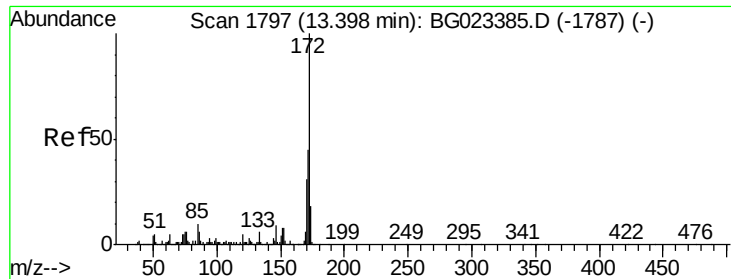


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

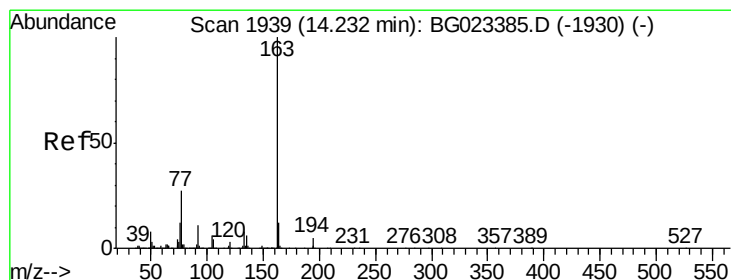
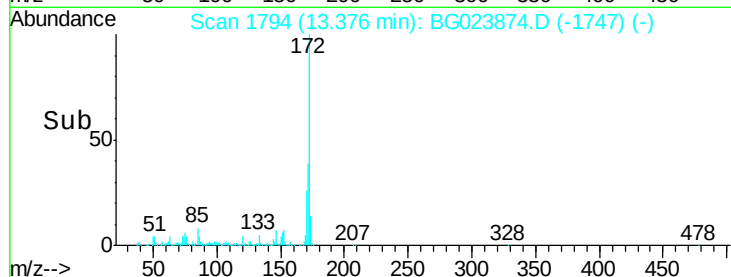
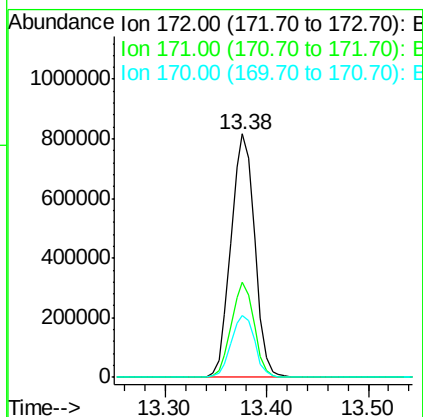
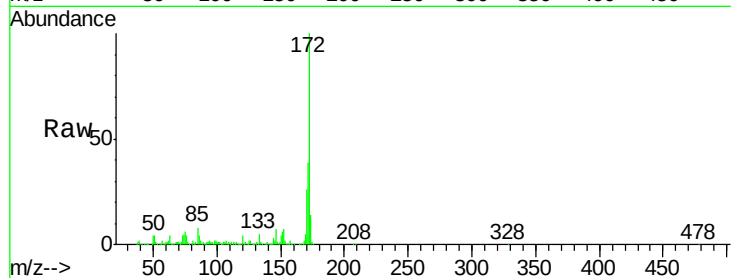




#44
2-Fluorobiphenyl
Concen: 82.09 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG023874.D
Acq: 24 Aug 2016 4:16

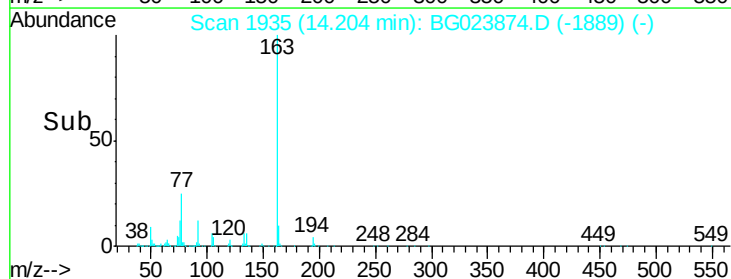
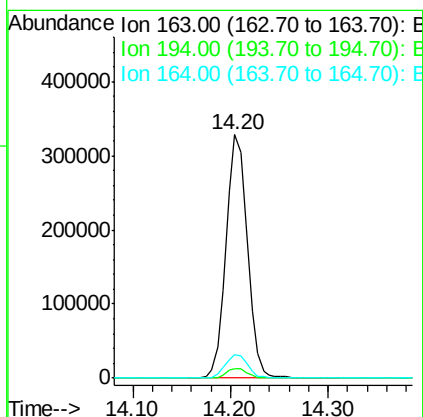
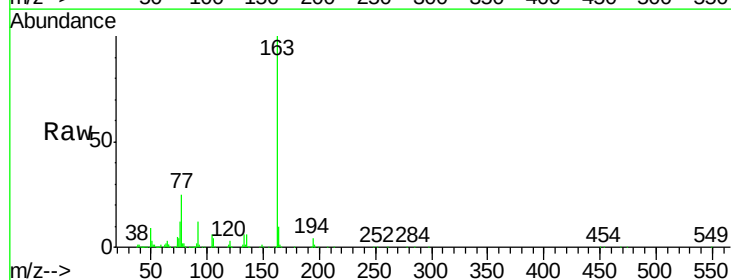
Instrument :
BNA_G
ClientSampleId :
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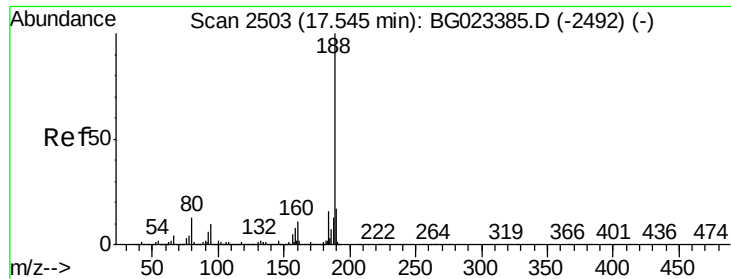
Tgt Ion:172 Resp: 1326724
Ion Ratio Lower Upper
172 100
171 39.1 31.6 47.4
170 25.6 21.3 31.9



#49
Dimethylphthalate
Concen: 23.90 ng
RT: 14.20 min Scan# 1935
Delta R.T. -0.03 min
Lab File: BG023874.D
Acq: 24 Aug 2016 4:16

Tgt Ion:163 Resp: 499855
Ion Ratio Lower Upper
163 100
194 3.7 3.6 5.4
164 9.6 8.1 12.1

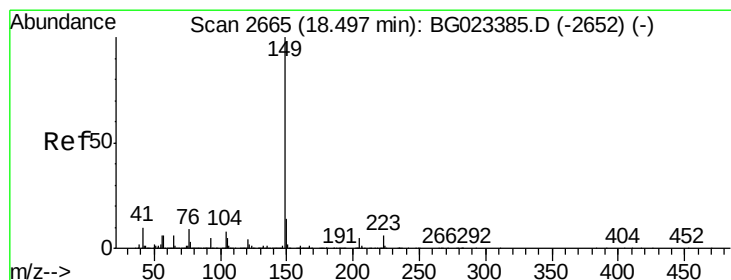
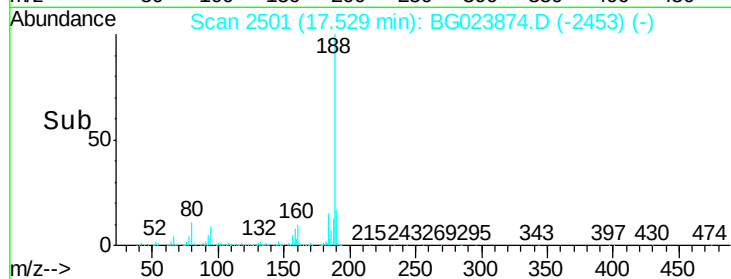
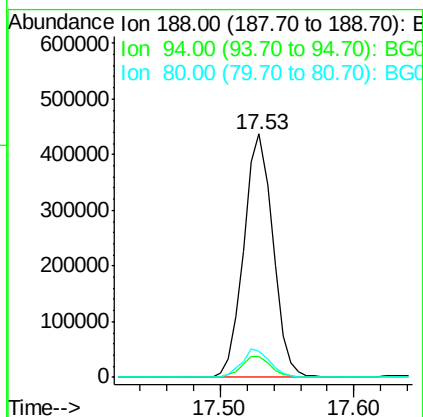
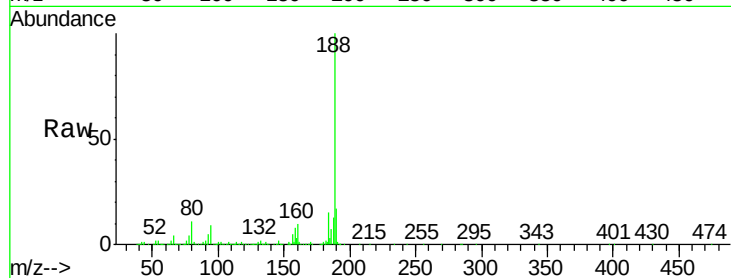




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.53 min Scan# 2501
 Delta R.T. -0.02 min
 Lab File: BG023874.D
 Acq: 24 Aug 2016 4:16

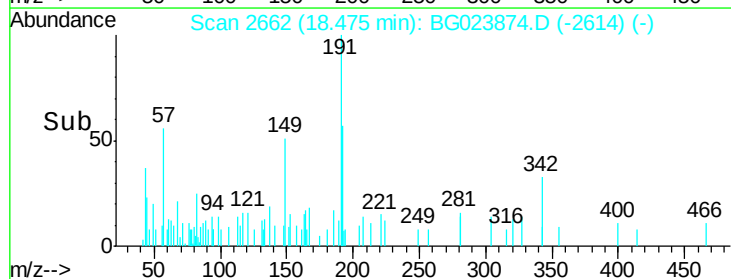
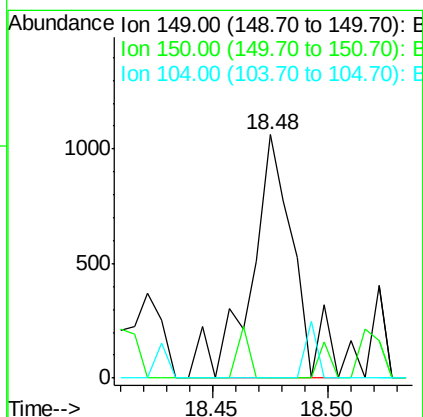
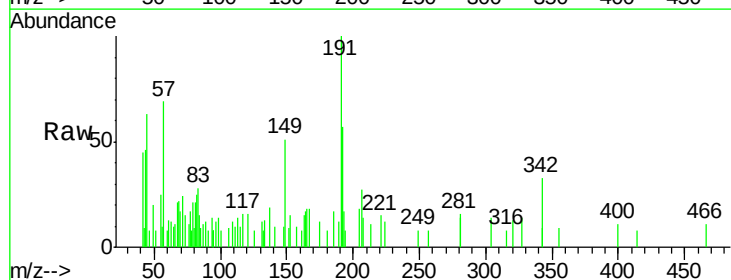
Instrument :
 BNA_G
 ClientSampleId :
 P-3

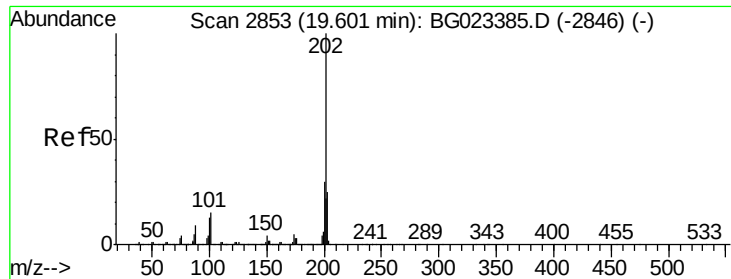
Tgt Ion:188 Resp: 658291
 Ion Ratio Lower Upper
 188 100
 94 8.7 5.2 7.8#
 80 10.5 7.2 10.8



#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 18.48 min Scan# 2662
 Delta R.T. -0.02 min
 Lab File: BG023874.D
 Acq: 24 Aug 2016 4:16

Tgt Ion:149 Resp: 1385
 Ion Ratio Lower Upper
 149 100
 150 0.0 9.1 13.7#
 104 0.0 6.9 10.3#





#74

Fluoranthene

Concen: Below Cal

RT: 19.59 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG023874.D

Acq: 24 Aug 2016 4:16

Instrument :

BNA_G

ClientSampled :

P-3

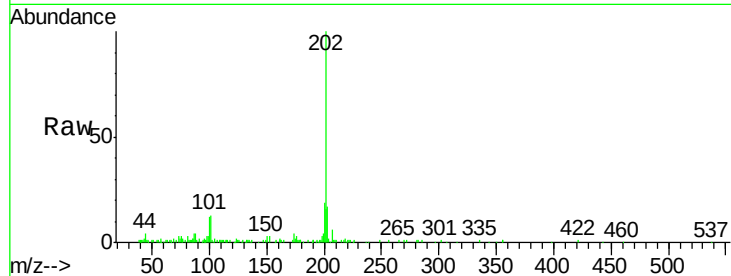
Tgt Ion:202 Resp: 56070

Ion Ratio Lower Upper

202 100

101 13.3 0.0 27.4

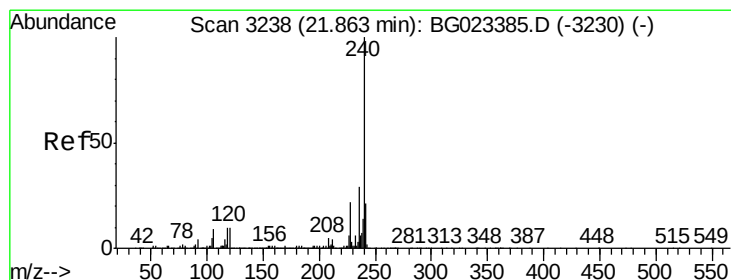
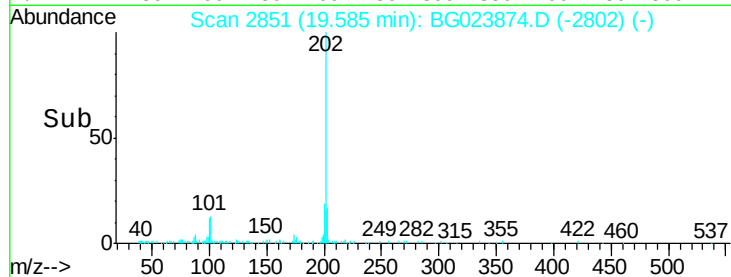
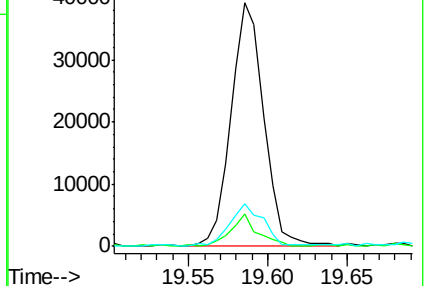
203 17.4 1.7 41.7



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: 21.85 min Scan# 3236

Delta R.T. -0.02 min

Lab File: BG023874.D

Acq: 24 Aug 2016 4:16

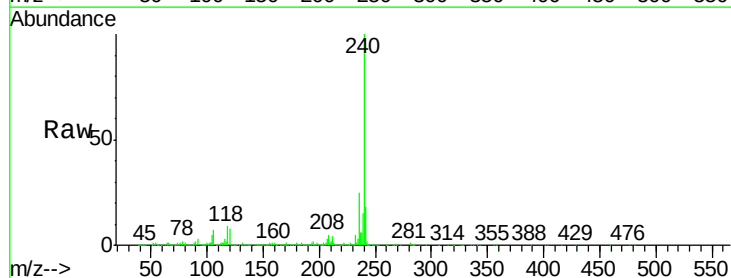
Tgt Ion:240 Resp: 711720

Ion Ratio Lower Upper

240 100

120 8.3 4.1 6.1#

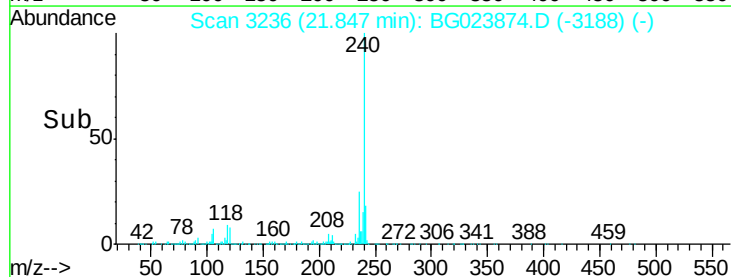
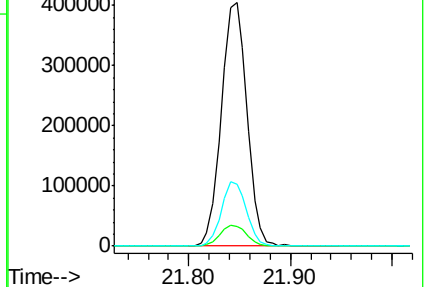
236 25.2 21.1 31.7

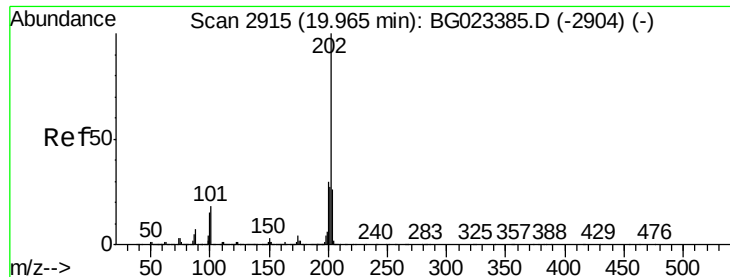


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: Below Cal

RT: 19.95 min Scan# 2913

Delta R.T. -0.02 min

Lab File: BG023874.D

Acq: 24 Aug 2016 4:16

Instrument :

BNA_G

ClientSampleId :

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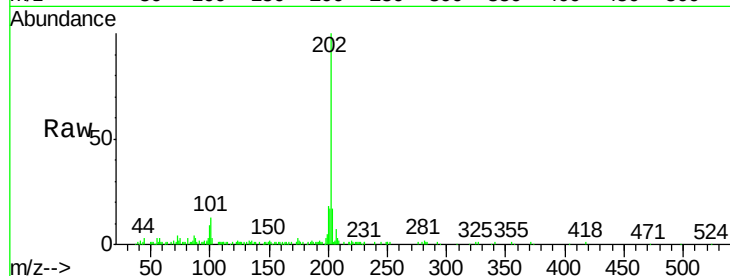
Tgt Ion:202 Resp: 53912

Ion Ratio Lower Upper

202 100

200 18.5 21.2 31.8#

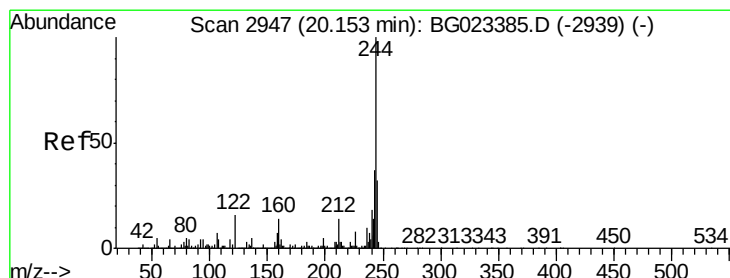
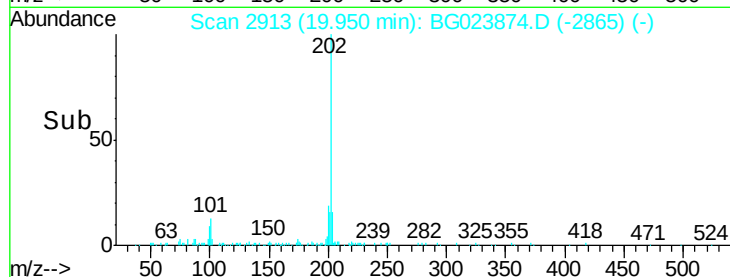
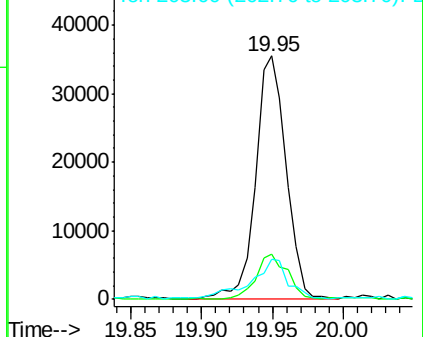
203 16.6 16.8 25.2#



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: 79.86 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.02 min

Lab File: BG023874.D

Acq: 24 Aug 2016 4:16

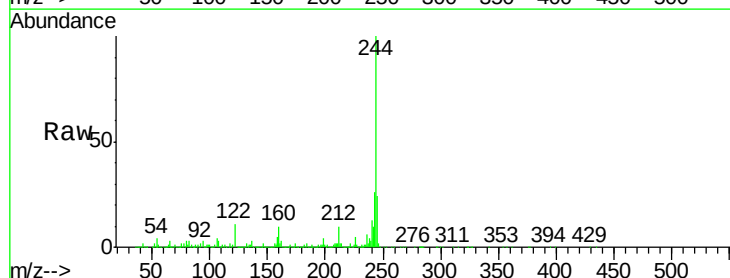
Tgt Ion:244 Resp: 1842642

Ion Ratio Lower Upper

244 100

212 10.4 10.8 16.2#

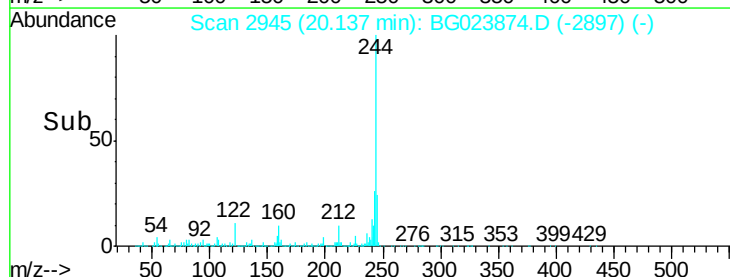
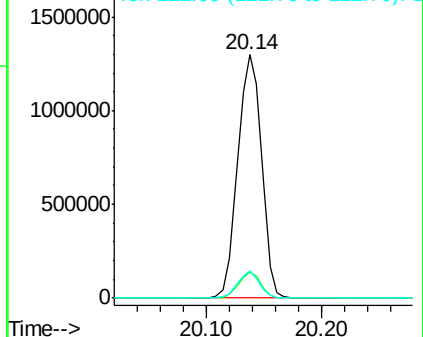
122 11.2 8.0 12.0

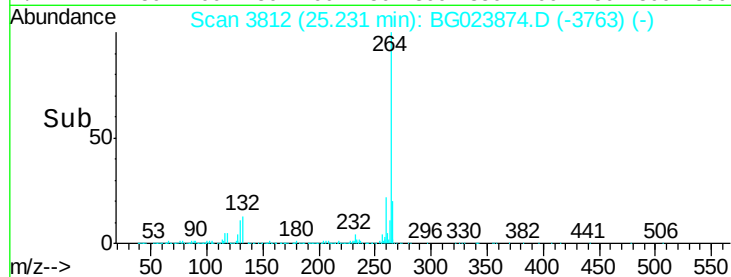
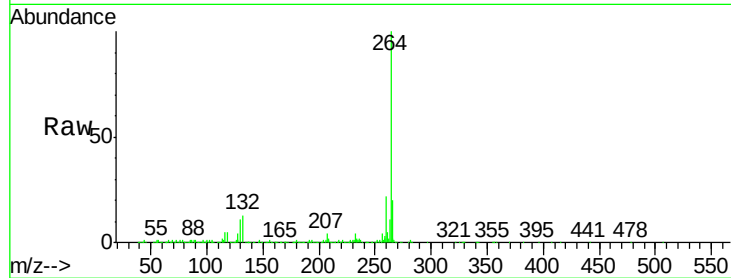
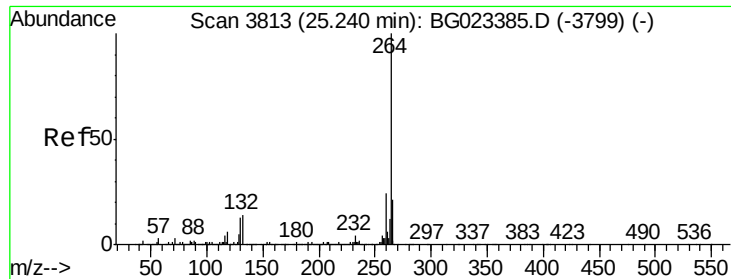


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.23 min Scan# 3812

Delta R.T. -0.01 min

Lab File: BG023874.D

Acq: 24 Aug 2016 4:16

Instrument :

BNA_G

ClientSampleId :

P-3

Tgt Ion:264 Resp: 692739

Ion Ratio Lower Upper

264 100

260 22.2 18.4 27.6

265 20.3 18.9 28.3

