

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 05:13:57 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

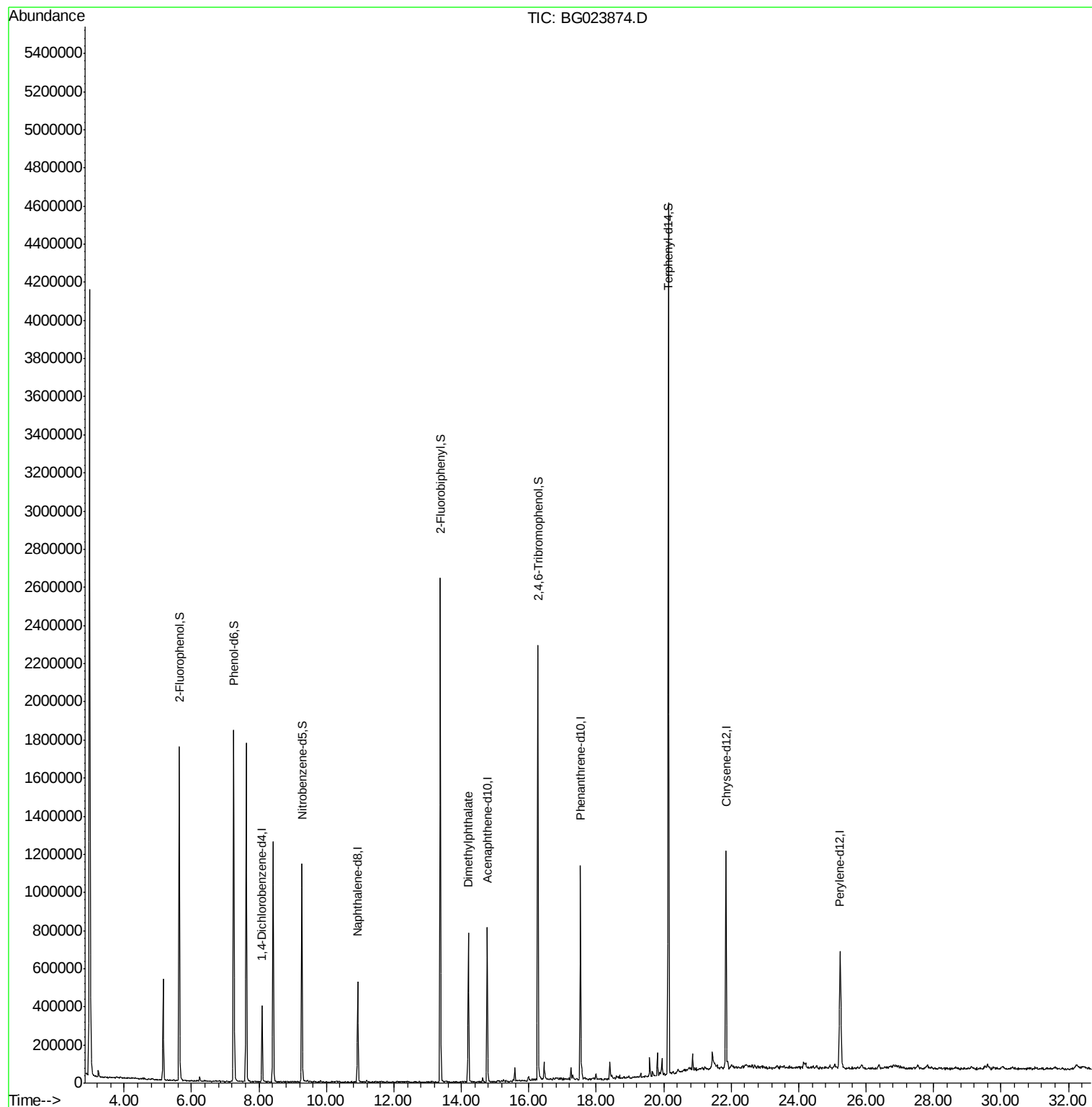
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	110517	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	448385	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	272595	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	658291	20.00	ng	-0.02
75) Chrysene-d12	21.85	240	711720	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						Qvalue
49) Dimethylphthalate	14.20	163	499855	23.90	ng	98

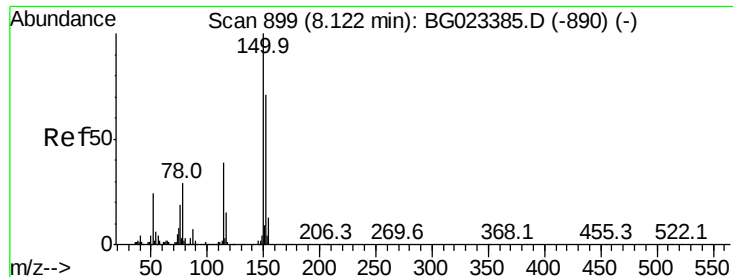
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

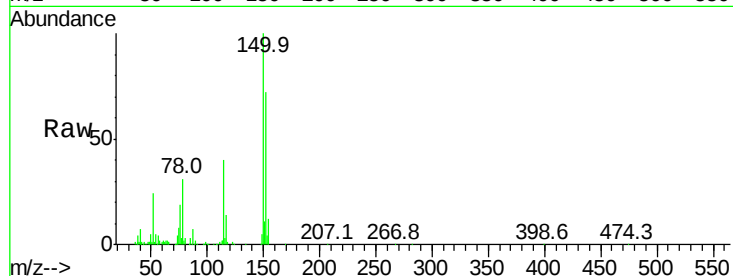
Tot Ion:152 Resp: 110517

Ion Ratio Lower Upper

152 100

150 139.3 144.7 217.1#

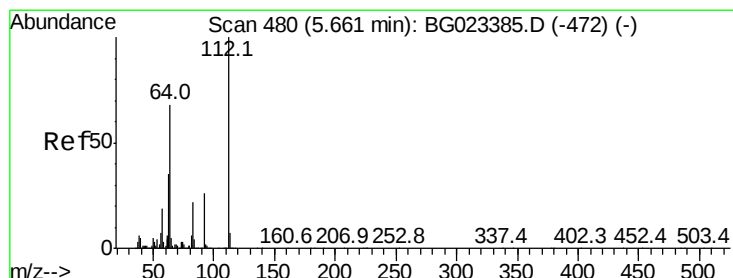
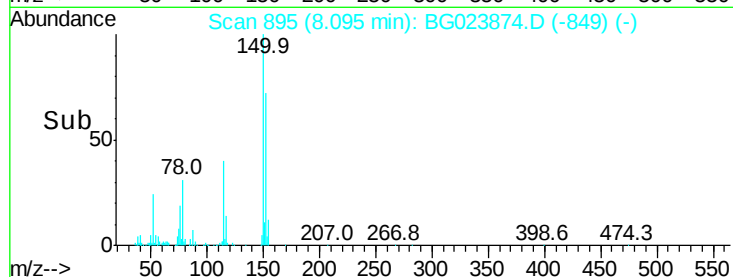
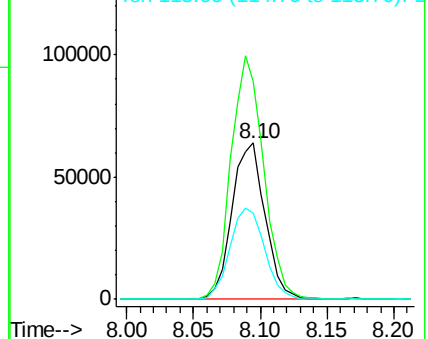
115 55.0 64.0 96.0#



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

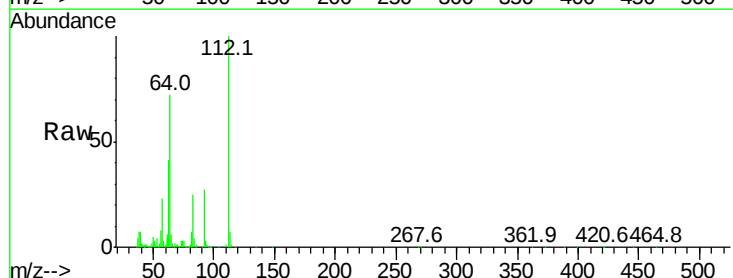
Tgt Ion:112 Resp: 730383

Ion Ratio Lower Upper

112 100

64 72.4 59.0 88.4

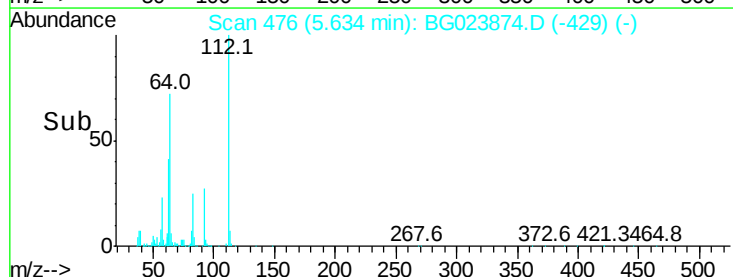
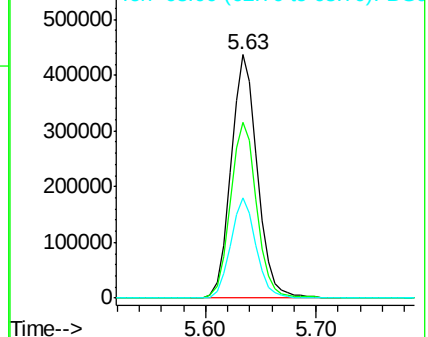
63 41.0 37.8 56.8

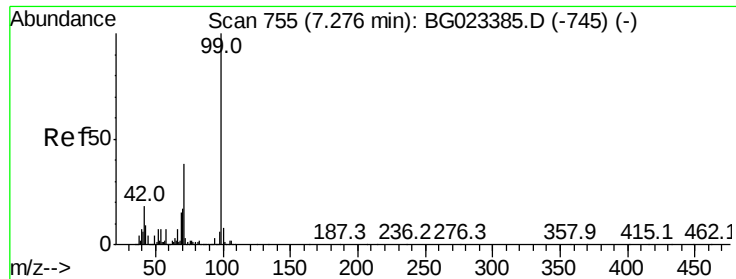


Abundance Ion 112.00 (111.70 to 112.70): E

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 :

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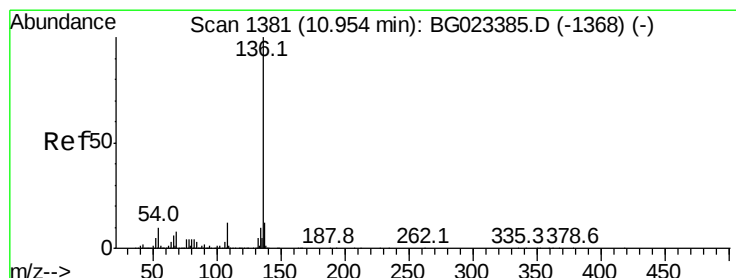
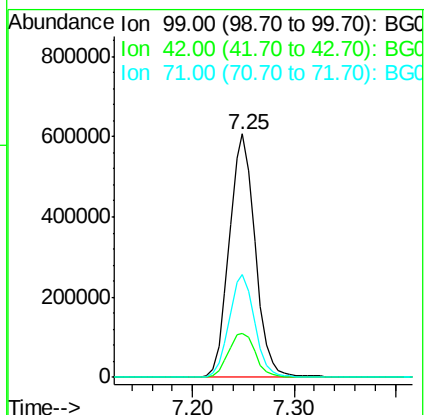
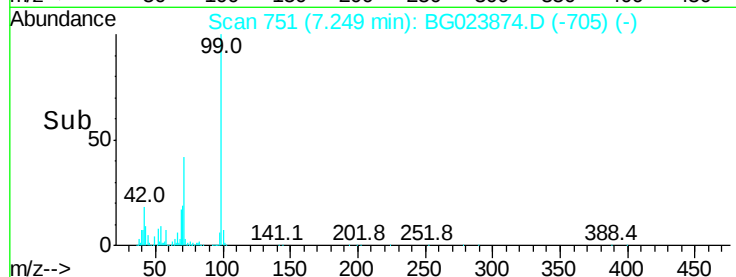
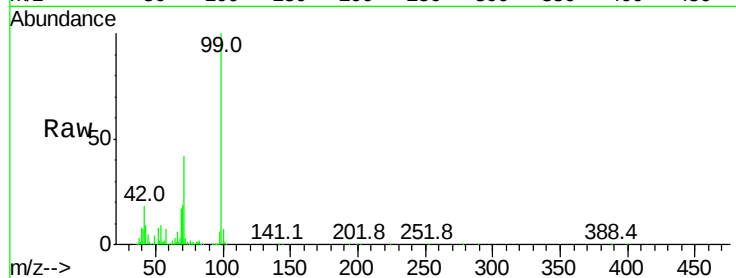
Tot Ion: 99 Resp: 1074041

Ion	Ratio	Lower	Upper
99	100		
42	18.3	17.8	26.6
71	42.0	41.5	62.3

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

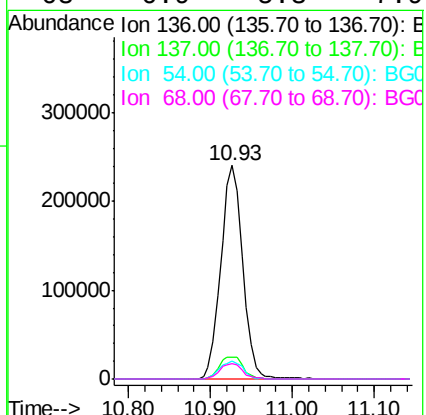
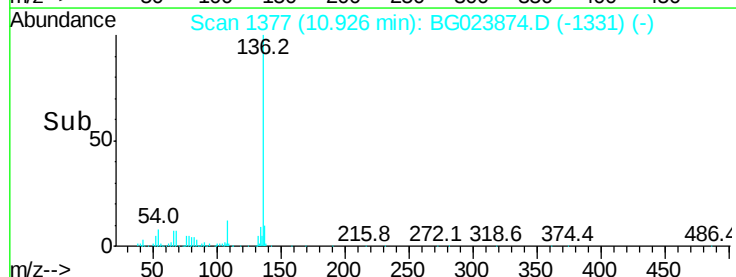
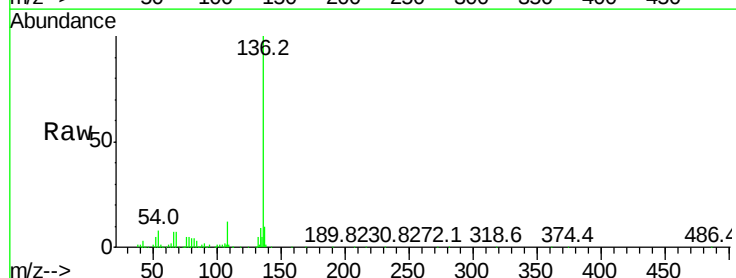
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.6	14.4
54	8.1	7.3	10.9
68	6.9	5.3	7.9

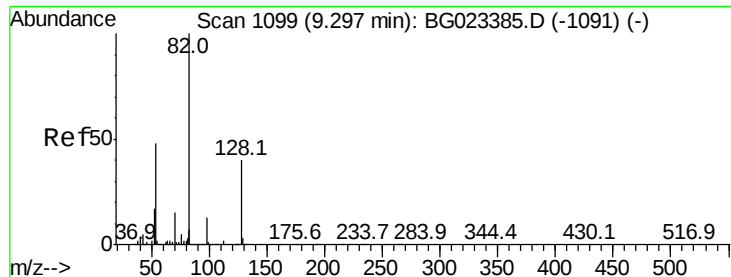
136 100

137 10.5 9.6 14.4

54 8.1 7.3 10.9

68 6.9 5.3 7.9

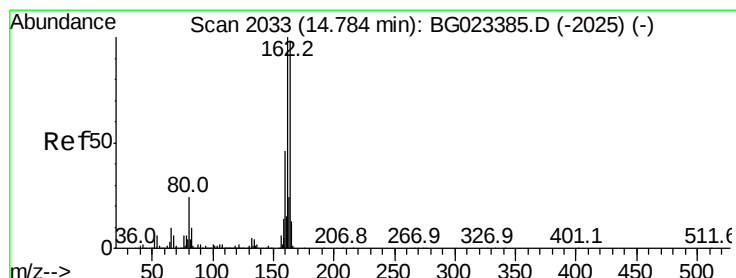
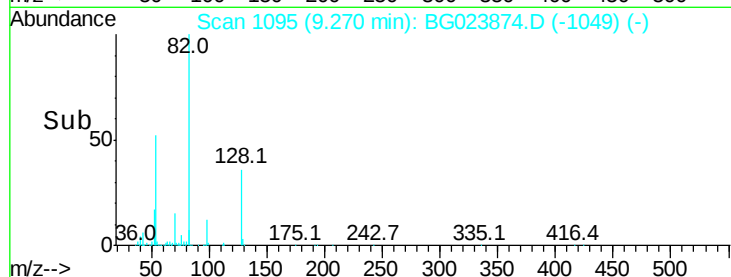
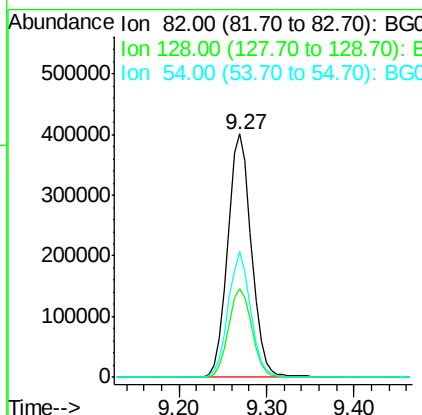
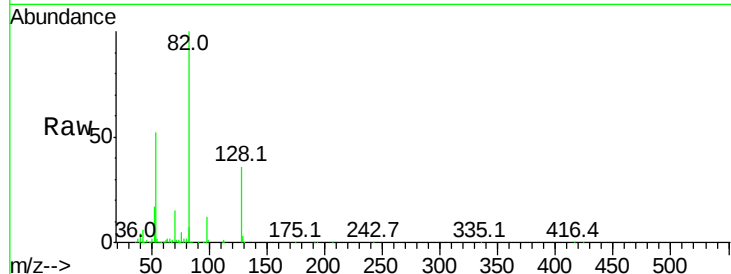




#23
 Nitrobenzene-d5
 Concen: 82.50 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BG023874.D
 Acq: 24 Aug 2016 4:16

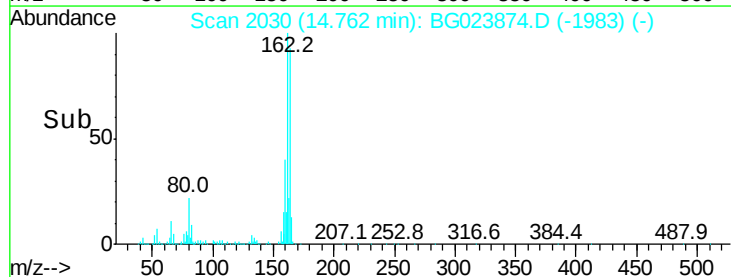
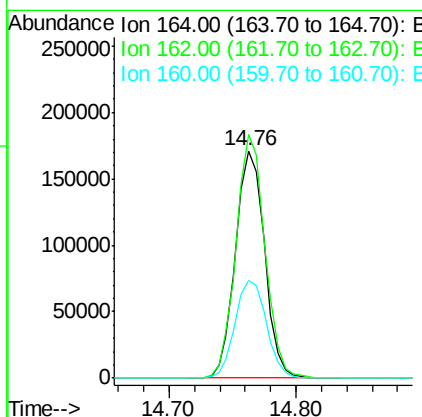
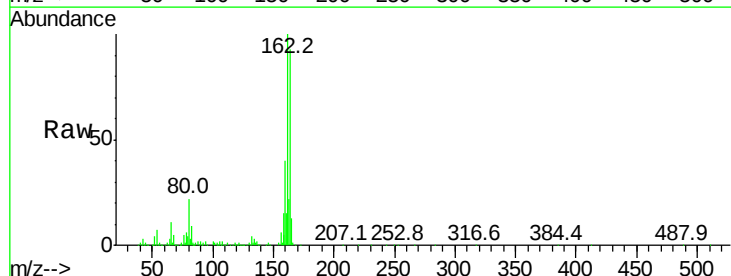
Instrument :
 BNA_G
 ClientSampleId :
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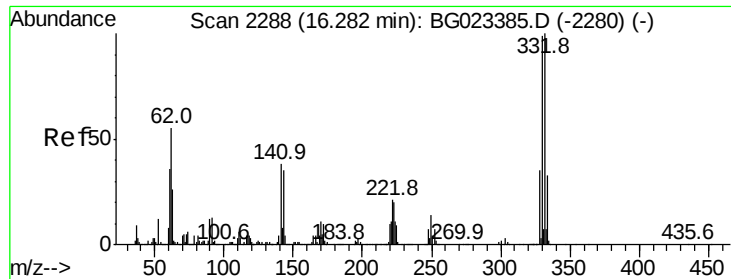
Tot Ion	82	Resp	744037
Ion Ratio	Lower	Upper	
82	100		
128	36.5	24.4	36.6
54	51.6	41.4	62.0



#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

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

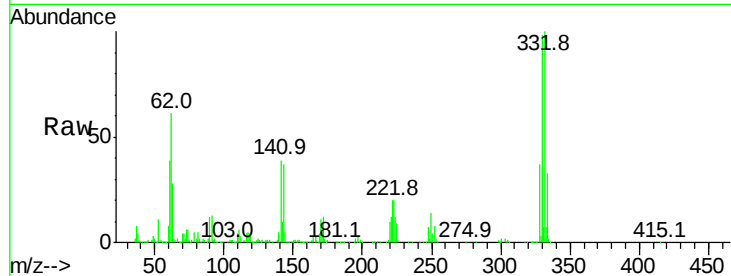




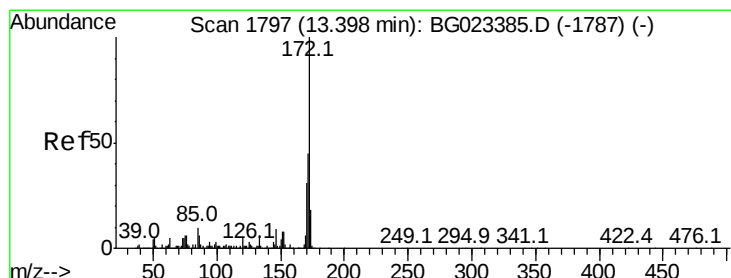
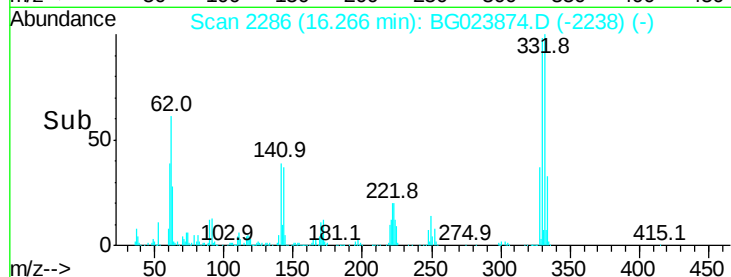
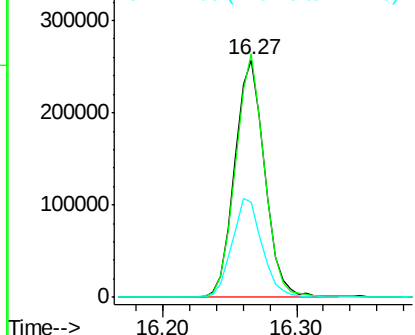
#41
 2,4,6-Tribromophenol
 Concen: 100.96 ng
 RT: 16.27 min Scan# 2286
 Delta R.T. -0.02 min
 Lab File: BG023874.D
 Acq: 24 Aug 2016 4:16

Instrument :
 BNA_G
 ClientSampleId :
 P-3

Tot Ion:330 Resp: 402553
 Ion Ratio Lower Upper
 330 100
 332 99.0 77.4 116.2
 141 42.2 31.7 47.5

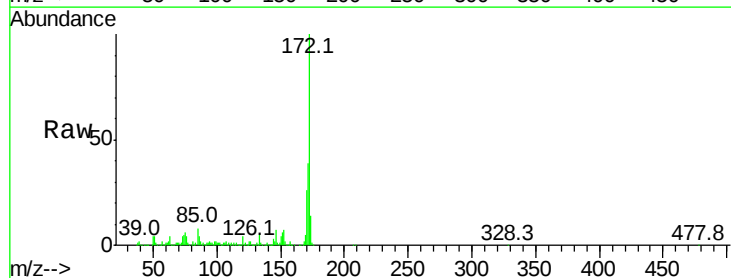


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

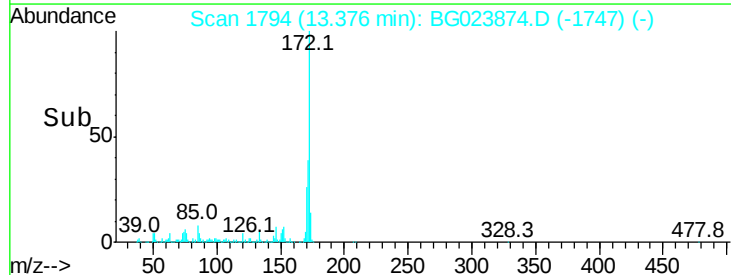
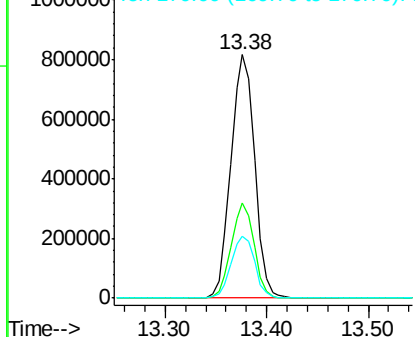


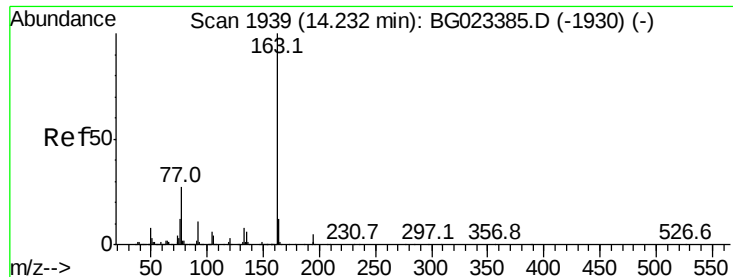
#44
 2-Fluorobiphenyl
 Concen: 82.09 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.02 min
 Lab File: BG023874.D
 Acq: 24 Aug 2016 4:16

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



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





#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

Instrument :

BNA_G

ClientSampleId :

P-3

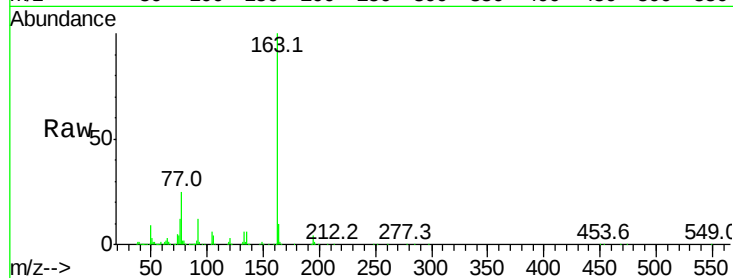
Tot Ion:163 Resp: 499855

Ion Ratio Lower Upper

163 100

194 3.7 3.6 5.4

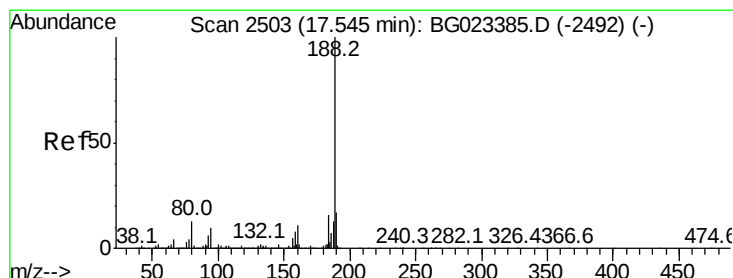
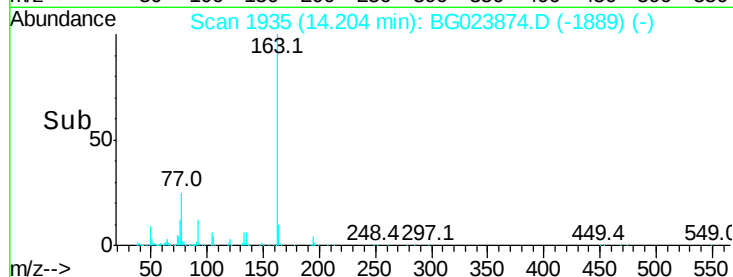
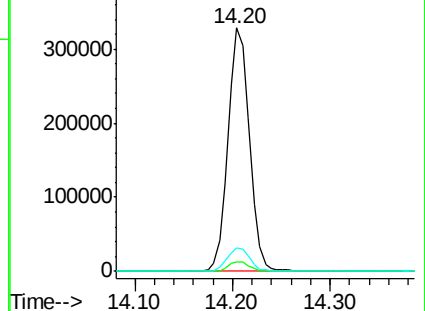
164 9.6 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#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

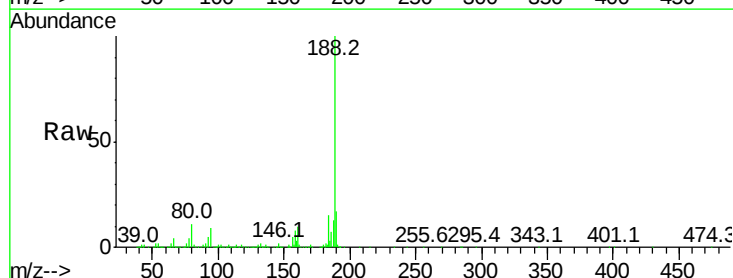
Tgt Ion:188 Resp: 658291

Ion Ratio Lower Upper

188 100

94 8.7 5.2 7.8#

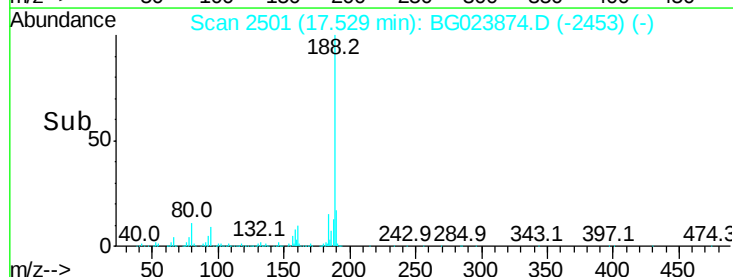
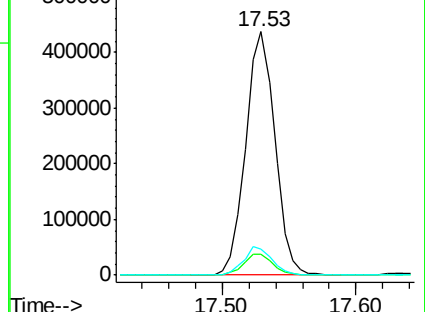
80 10.5 7.2 10.8

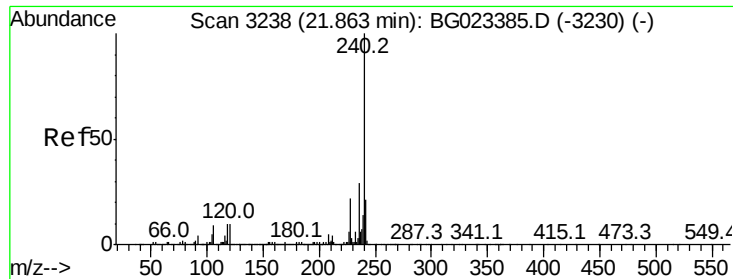


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrvsene-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

Instrument :

BNA_G

ClientSampled :

P-3

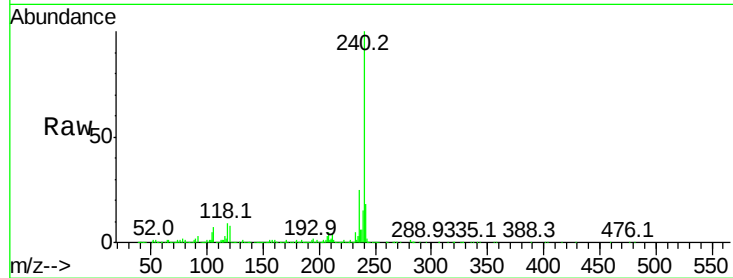
Tot Ion:240 Resp: 711720

Ion Ratio Lower Upper

240 100

120 8.3 4.1 6.1#

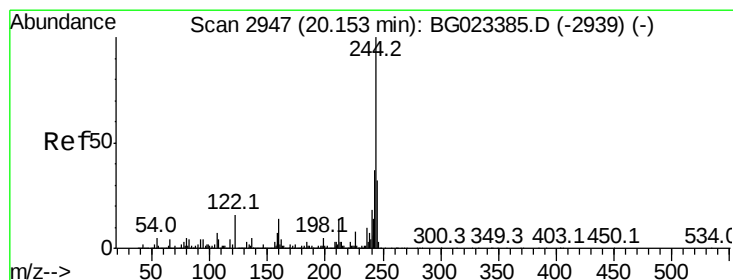
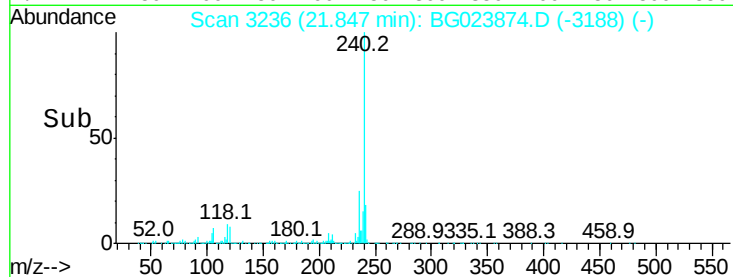
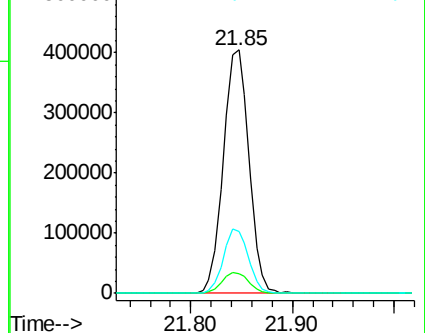
236 25.2 21.1 31.7



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



#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

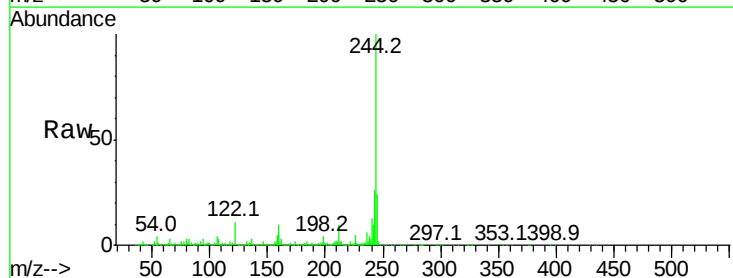
Tgt Ion:244 Resp: 1842642

Ion Ratio Lower Upper

244 100

212 10.4 10.8 16.2#

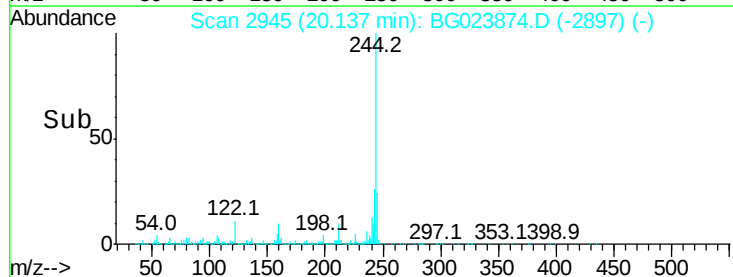
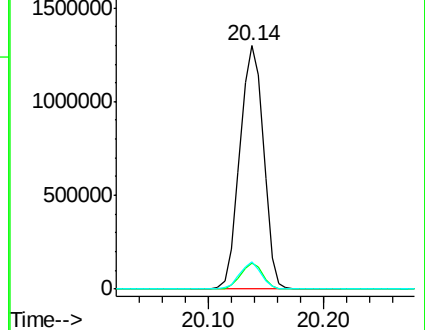
122 11.2 8.0 12.0

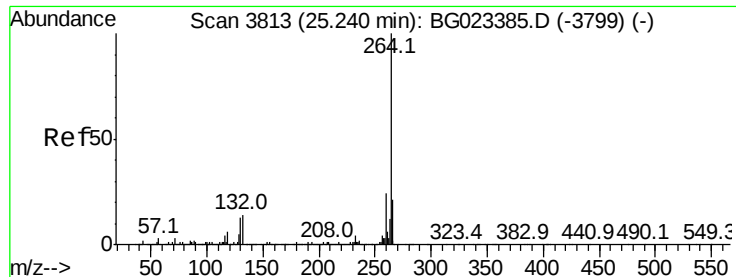


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-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 :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.4	27.6
265	20.3	18.9	28.3

