

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082316\
 Data File : BG023877.D
 Acq On : 24 Aug 2016 6:10
 Operator : UM/SJ
 Sample : H4556-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-DUP

Quant Time: Aug 24 07:02:56 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

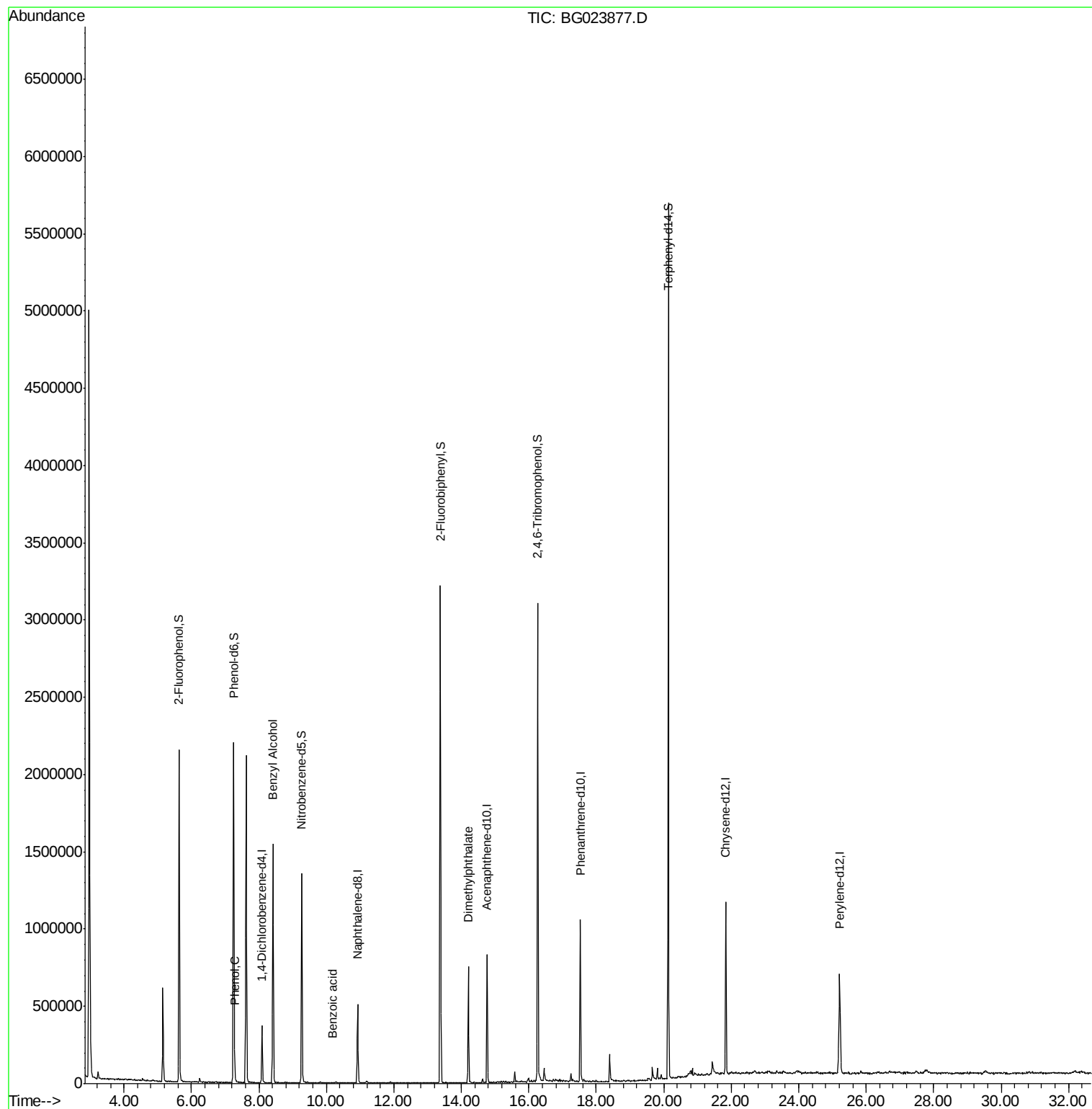
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	98124	20.00	ng	-0.03
21) Naphthalene-d8	10.92	136	422628	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	279439	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	665522	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	698047	20.00	ng	-0.02
86) Perylene-d12	25.22	264	690167	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	877121	150.47	ng	-0.03
7) Phenol-d6	7.25	99	1279934	140.97	ng	-0.02
23) Nitrobenzene-d5	9.27	82	882746	103.84	ng	-0.03
41) 2,4,6-Tribromophenol	16.26	330	530775	129.86	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1647069	99.42	ng	-0.02
78) Terphenyl-d14	20.13	244	2171067	100.92	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.25	77	3026	Below Cal	#	13
10) Phenol	7.28	94	25662	2.64 ng		82
15) Benzyl Alcohol	8.41	79	17059	2.48 ng	#	69
32) Benzoic acid	10.20	122	61	6.45 ng	#	37
49) Dimethylphthalate	14.21	163	497495	23.20 ng		99
73) Di-n-butylphthalate	18.47	149	1696	Below Cal	#	87
74) Fluoranthene	19.59	202	56	Below Cal	#	60
77) Pyrene	20.13	202	10218	Below Cal	#	63

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

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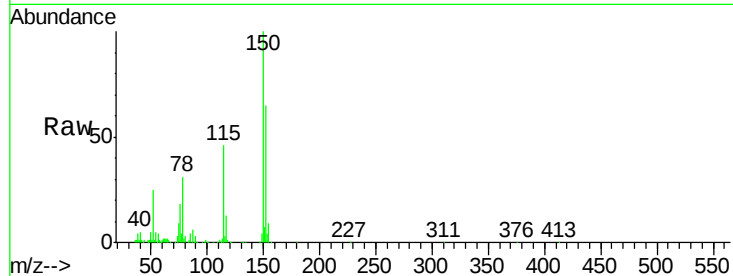


#1

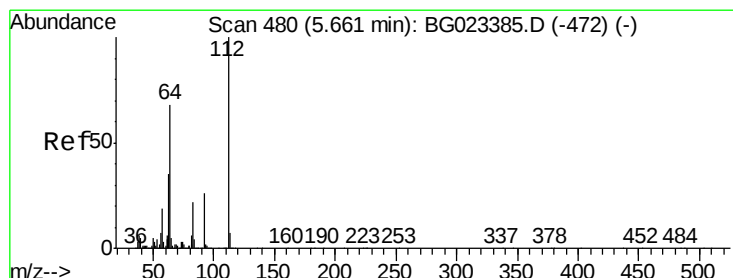
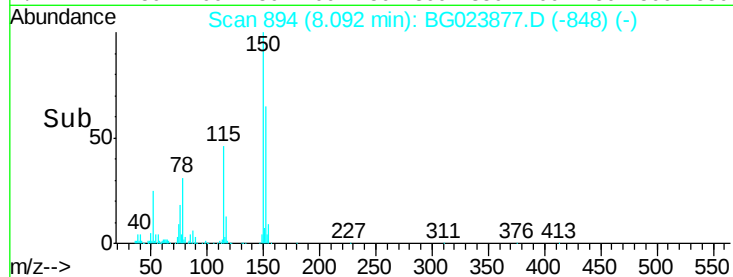
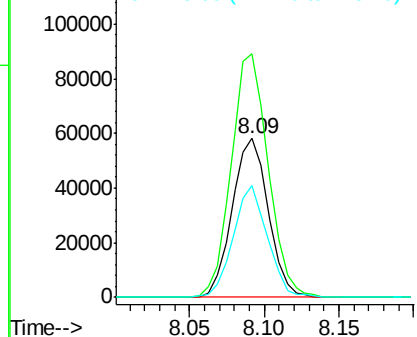
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.03 min
Lab File: BG023877.D
Acq: 24 Aug 2016 6:10

Instrument :
BNA_G
ClientSampleId :
SB-DUP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.5	144.7	217.1
115	70.3	64.0	96.0



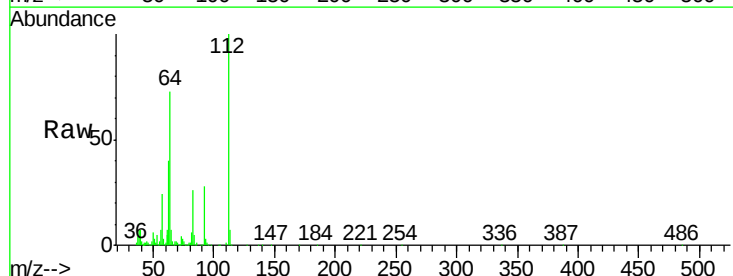
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



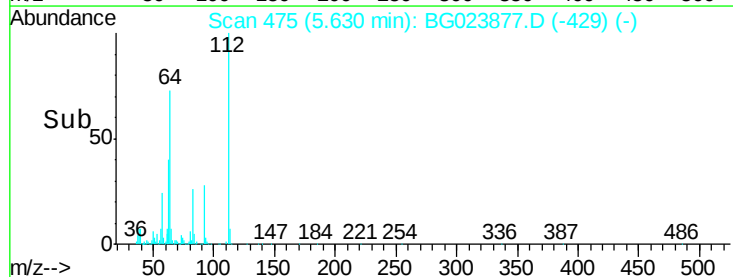
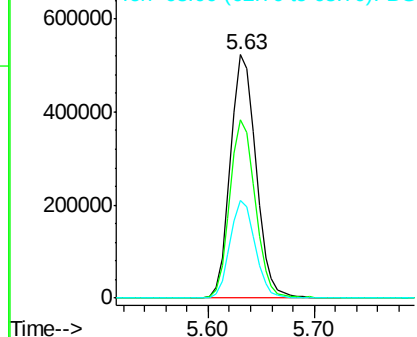
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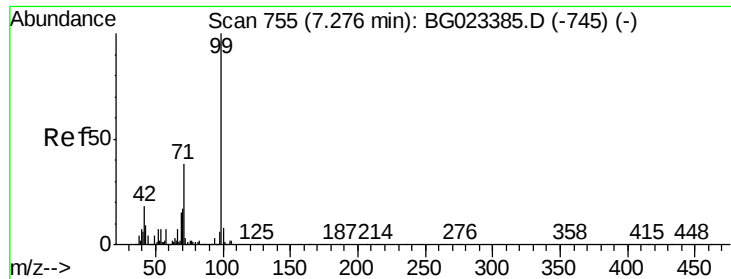
2-Fluorophenol
Concen: 150.47 ng
RT: 5.63 min Scan# 475
Delta R.T. -0.03 min
Lab File: BG023877.D
Acq: 24 Aug 2016 6:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.1	59.0	88.4
63	40.2	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: 140.97 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.02 min

Lab File: BG023877.D

Acq: 24 Aug 2016 6:10

Instrument :

BNA_G

ClientSampleId :

SB-DUP

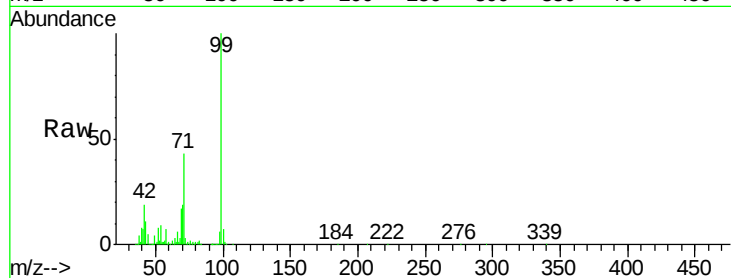
Tgt Ion: 99 Resp: 1279934

Ion Ratio Lower Upper

99 100

42 19.5 17.8 26.6

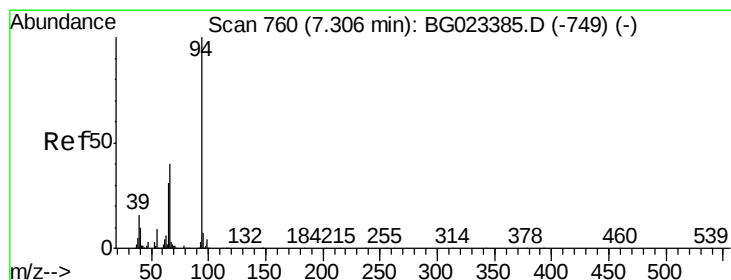
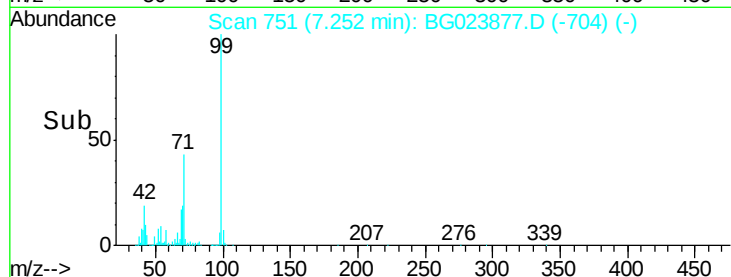
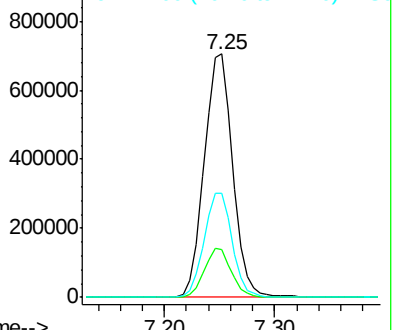
71 42.5 41.5 62.3



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: 7.28 min Scan# 756

Delta R.T. -0.02 min

Lab File: BG023877.D

Acq: 24 Aug 2016 6:10

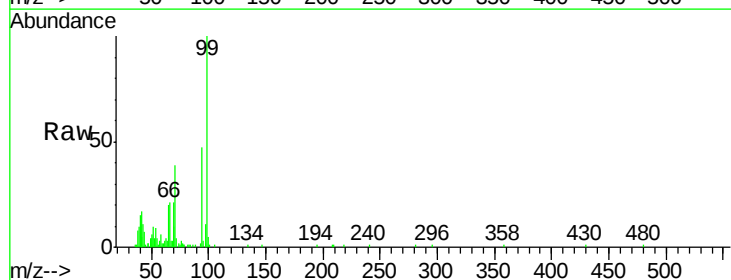
Tgt Ion: 94 Resp: 25662

Ion Ratio Lower Upper

94 100

65 43.1 18.1 58.1

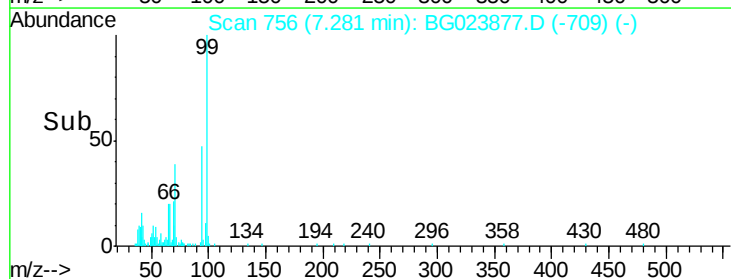
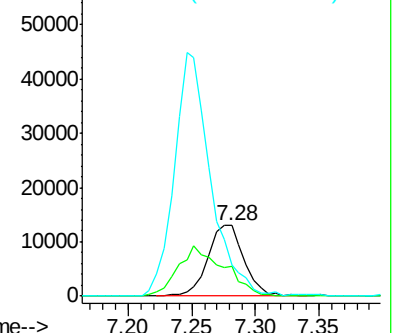
66 44.1 42.1 82.1

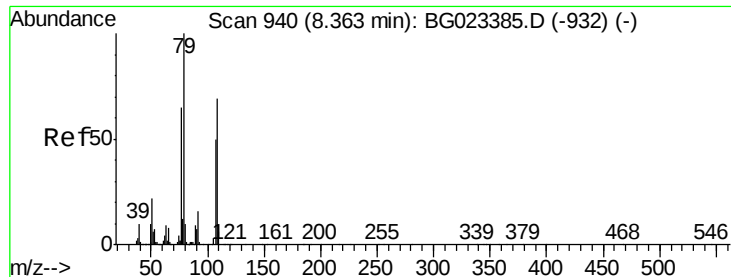


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 2.48 ng

RT: 8.41 min Scan# 949

Delta R.T. 0.05 min

Lab File: BG023877.D

Acq: 24 Aug 2016 6:10

Instrument :

BNA_G

ClientSampleId :

SB-DUP

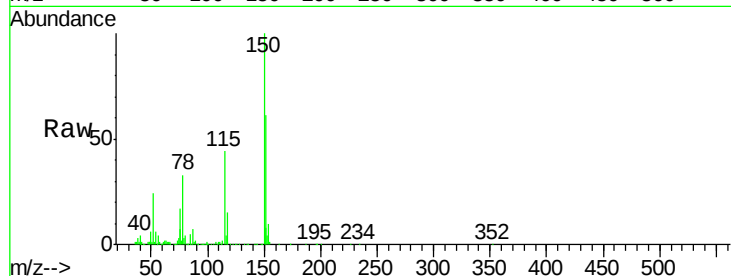
Tgt Ion: 79 Resp: 17059

Ion Ratio Lower Upper

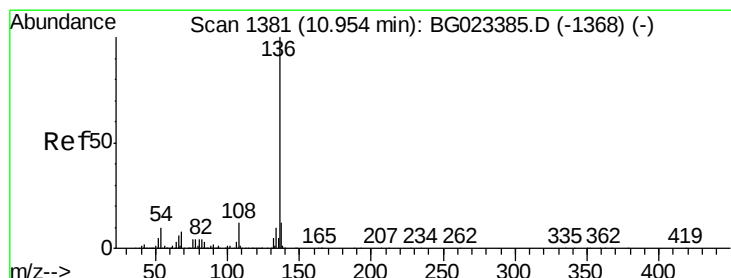
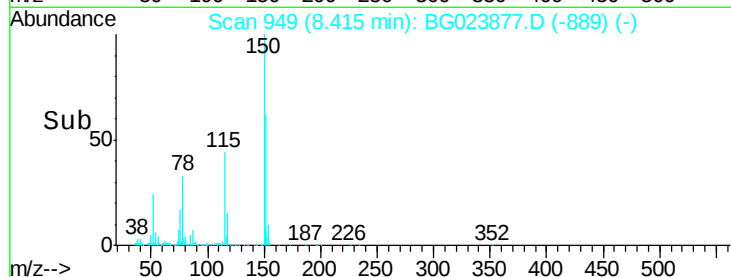
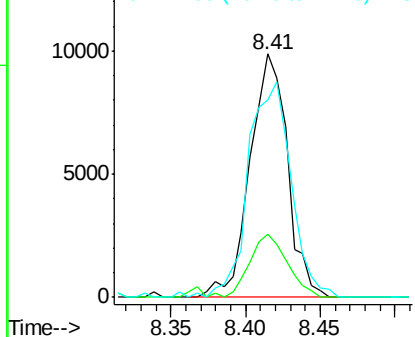
79 100

108 26.2 46.5 69.7#

77 81.0 52.3 78.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.92 min Scan# 1376

Delta R.T. -0.03 min

Lab File: BG023877.D

Acq: 24 Aug 2016 6:10

Tgt Ion: 136 Resp: 422628

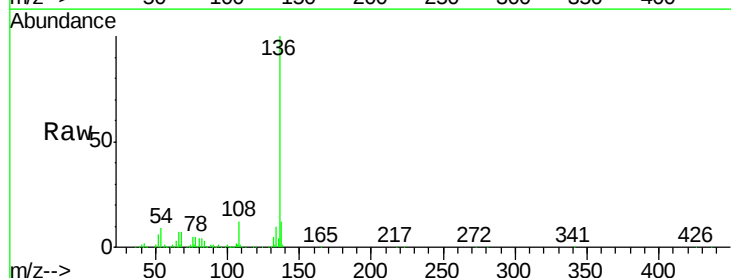
Ion Ratio Lower Upper

136 100

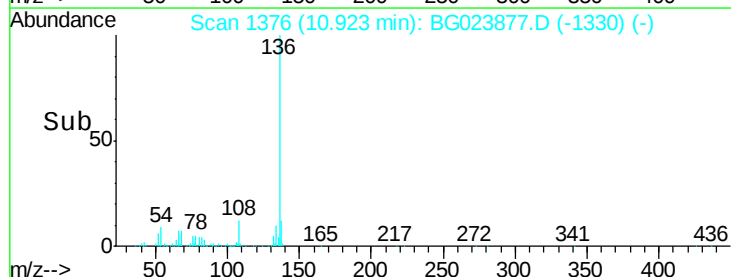
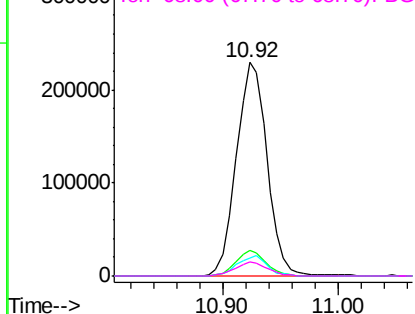
137 12.0 9.6 14.4

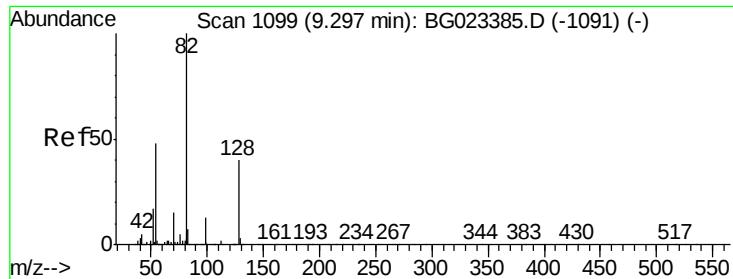
54 8.7 7.3 10.9

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

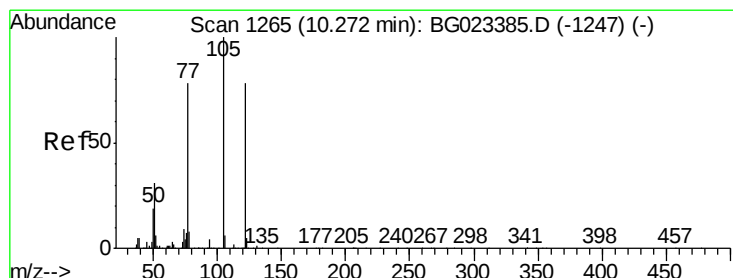
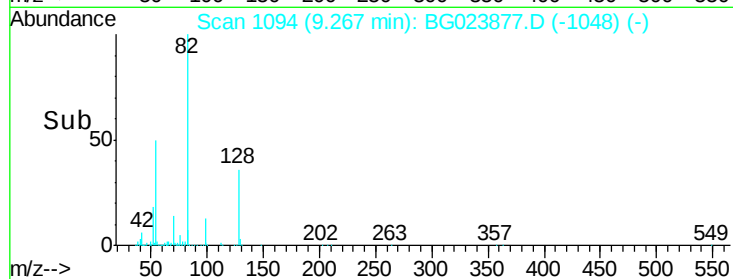
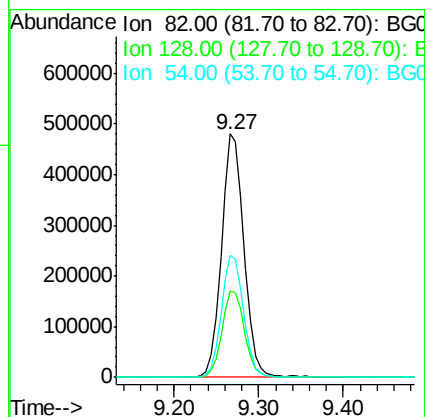
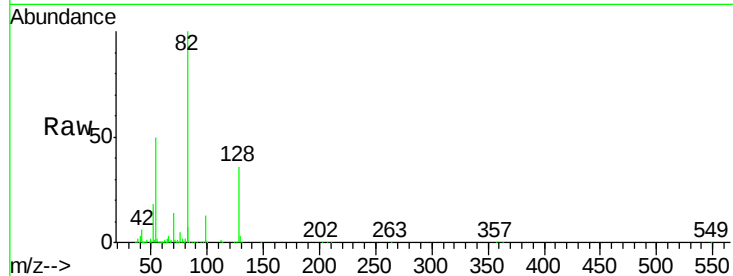




#23
 Nitrobenzene-d5
 Concen: 103.84 ng
 RT: 9.27 min Scan# 1094
 Delta R.T. -0.03 min
 Lab File: BG023877.D
 Acq: 24 Aug 2016 6:10

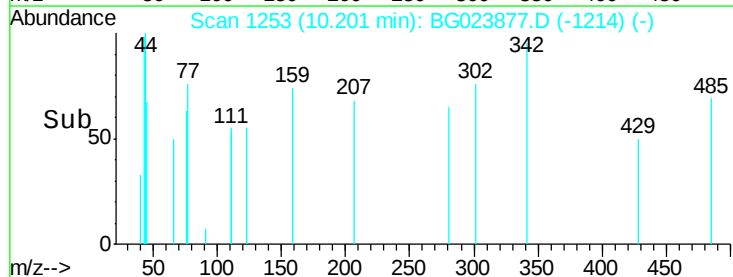
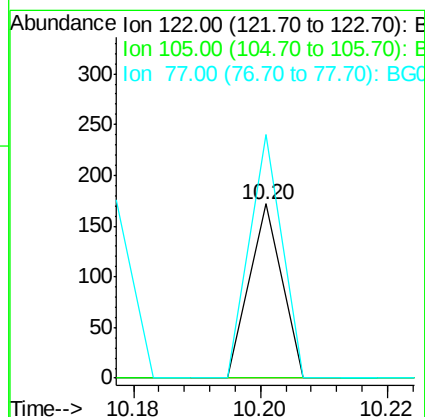
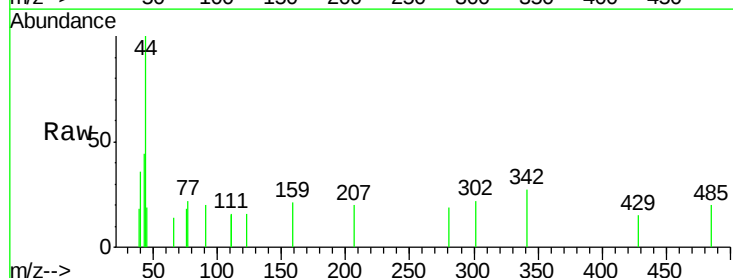
Instrument :
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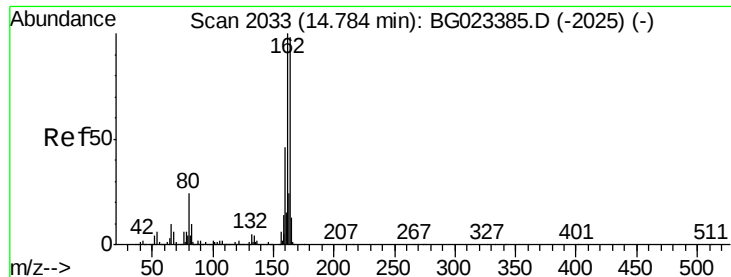
Tgt Ion: 82 Resp: 882746
 Ion Ratio Lower Upper
 82 100
 128 35.6 24.4 36.6
 54 49.9 41.4 62.0



#32
 Benzoic acid
 Concen: 6.45 ng
 RT: 10.20 min Scan# 1253
 Delta R.T. -0.07 min
 Lab File: BG023877.D
 Acq: 24 Aug 2016 6:10

Tgt Ion: 122 Resp: 61
 Ion Ratio Lower Upper
 122 100
 105 0.0 117.2 157.2#
 77 139.5 109.2 149.2

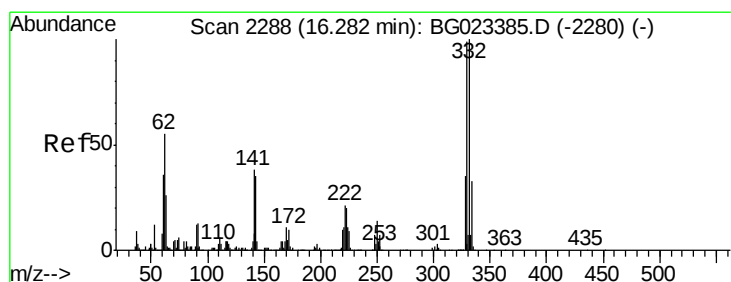
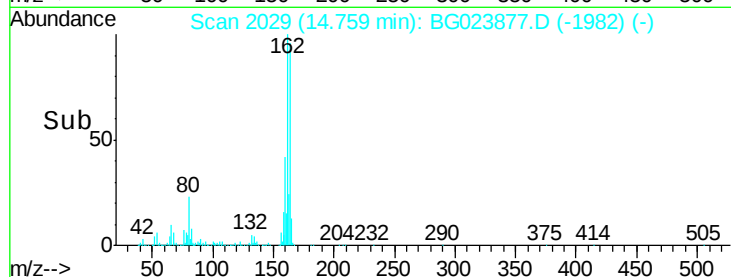
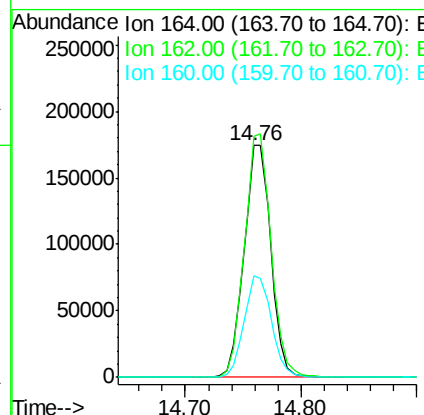
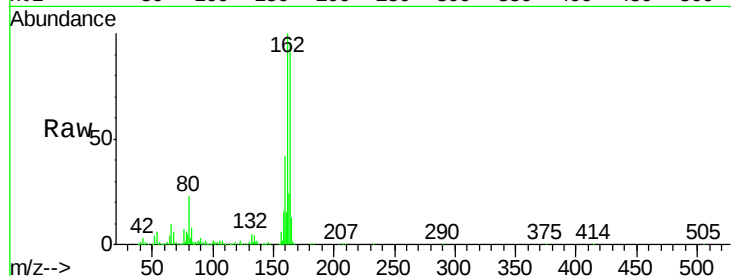




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BG023877.D
Acq: 24 Aug 2016 6:10

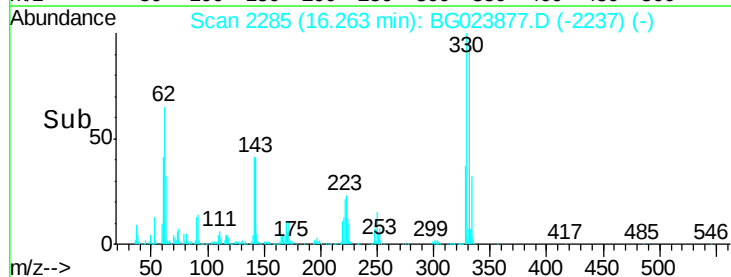
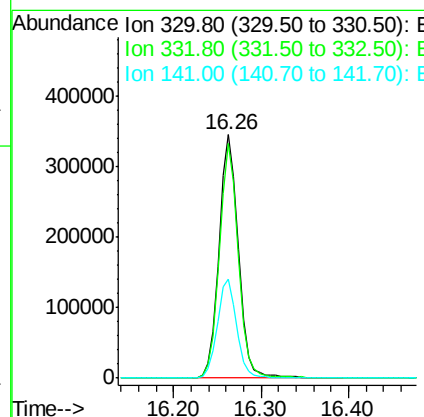
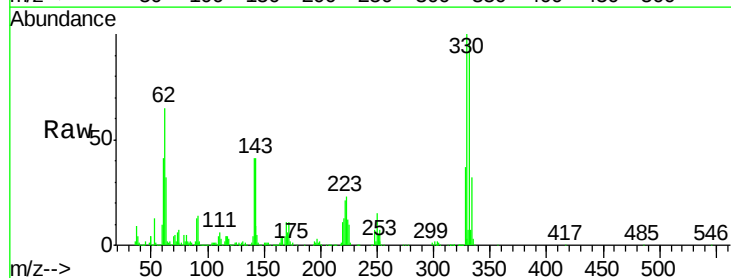
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ClientSampleId :
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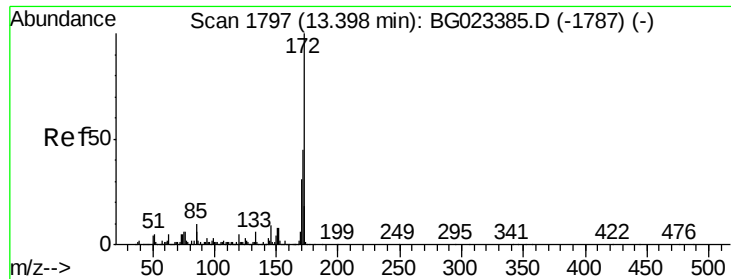
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	87.7	131.5
160	43.7	37.2	55.8



#41
2,4,6-Tribromophenol
Concen: 129.86 ng
RT: 16.26 min Scan# 2285
Delta R.T. -0.02 min
Lab File: BG023877.D
Acq: 24 Aug 2016 6:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.4	116.2
141	40.6	31.7	47.5

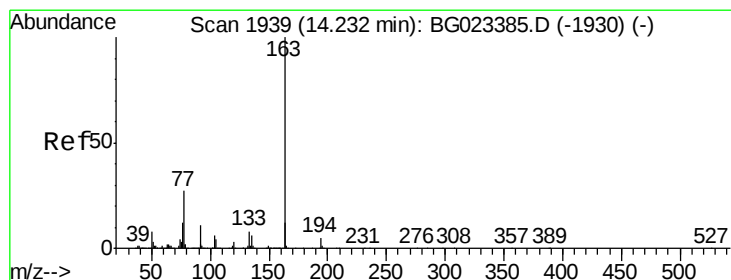
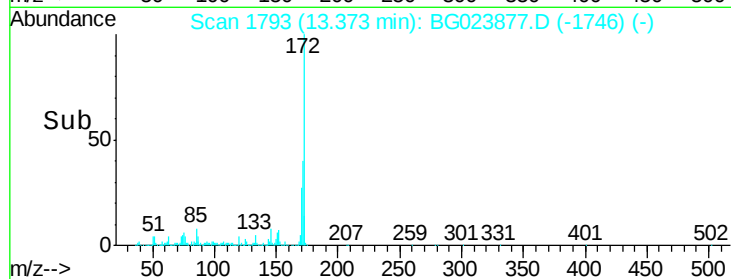
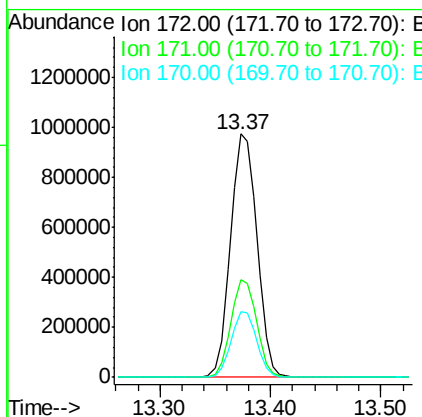
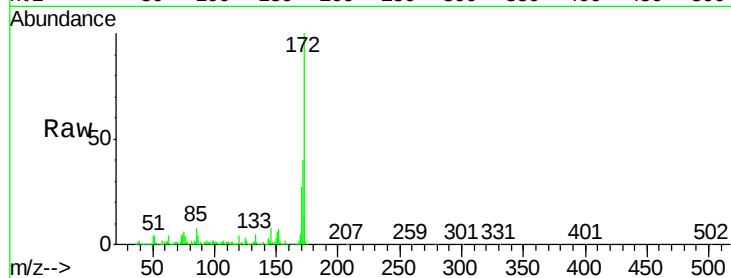




#44
2-Fluorobiphenyl
Concen: 99.42 ng
RT: 13.37 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BG023877.D
Acq: 24 Aug 2016 6:10

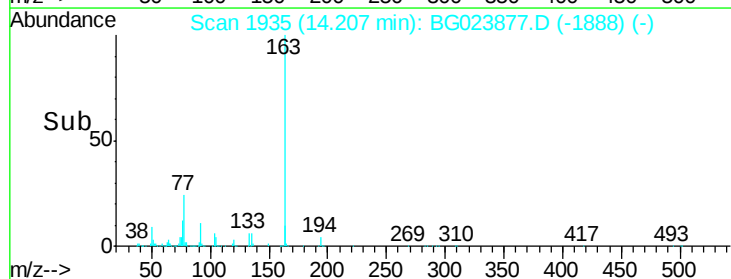
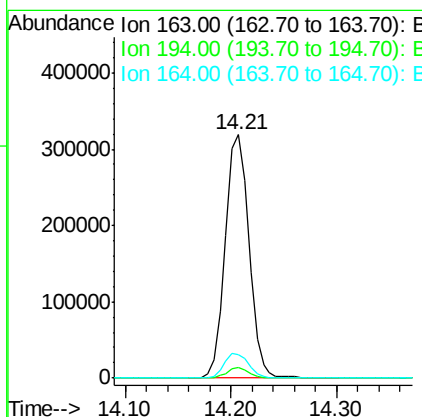
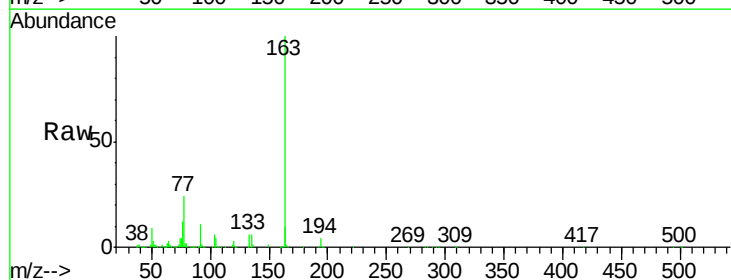
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BNA_G
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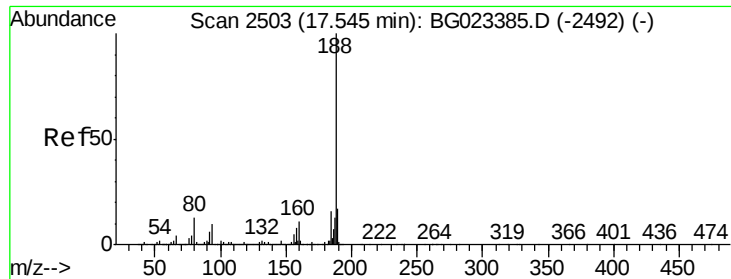
Tgt Ion:172 Resp: 1647069
Ion Ratio Lower Upper
172 100
171 40.1 31.6 47.4
170 26.8 21.3 31.9



#49
Dimethylphthalate
Concen: 23.20 ng
RT: 14.21 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BG023877.D
Acq: 24 Aug 2016 6:10

Tgt Ion:163 Resp: 497495
Ion Ratio Lower Upper
163 100
194 4.2 3.6 5.4
164 9.8 8.1 12.1

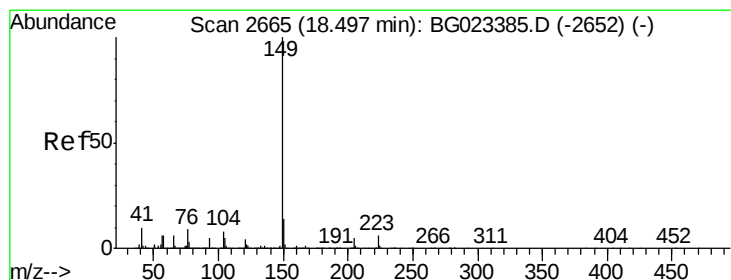
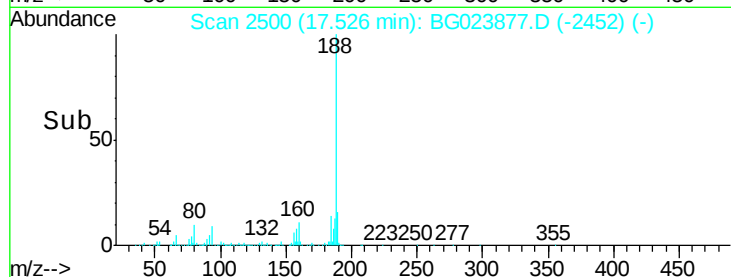
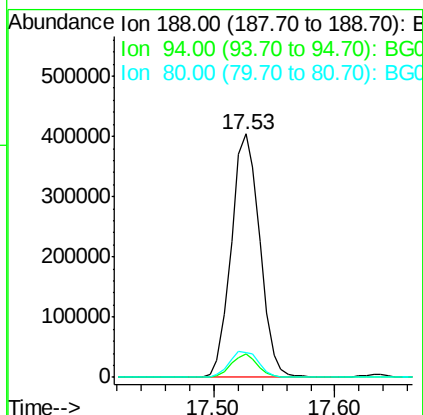
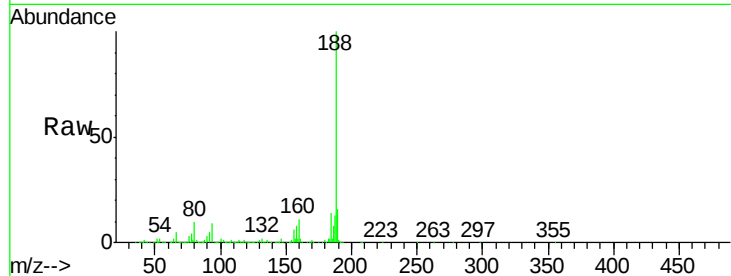




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.53 min Scan# 2500
Delta R.T. -0.02 min
Lab File: BG023877.D
Acq: 24 Aug 2016 6:10

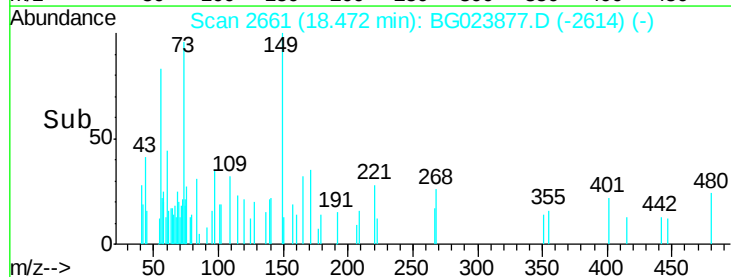
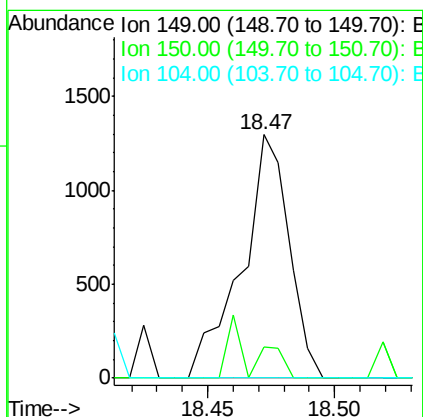
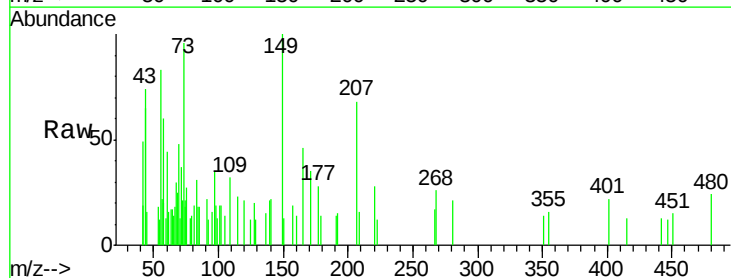
Instrument :
BNA_G
ClientSampleId :
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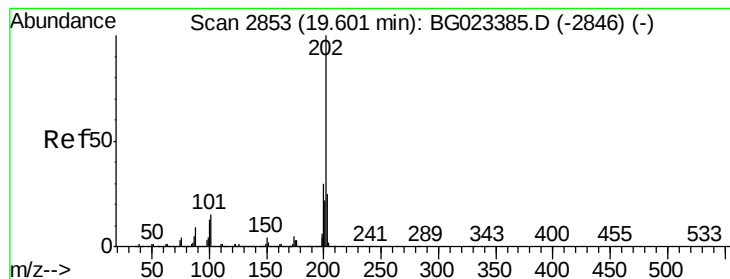
Tgt Ion:188 Resp: 665522
Ion Ratio Lower Upper
188 100
94 9.4 5.2 7.8#
80 10.1 7.2 10.8



#73
Di-n-butylphthalate
Concen: Below Cal
RT: 18.47 min Scan# 2661
Delta R.T. -0.02 min
Lab File: BG023877.D
Acq: 24 Aug 2016 6:10

Tgt Ion:149 Resp: 1696
Ion Ratio Lower Upper
149 100
150 12.9 9.1 13.7
104 0.0 6.9 10.3#





#74

Fluoranthene

Concen: Below Cal

RT: 19.59 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG023877.D

Acq: 24 Aug 2016 6:10

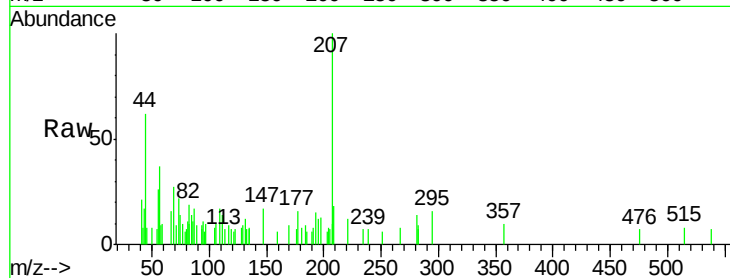
Instrument :

BNA_G

ClientSampled :

SB-DUP

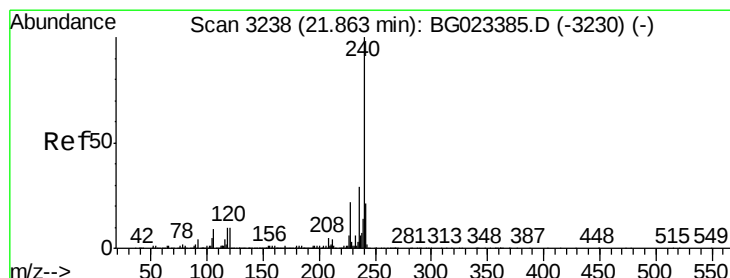
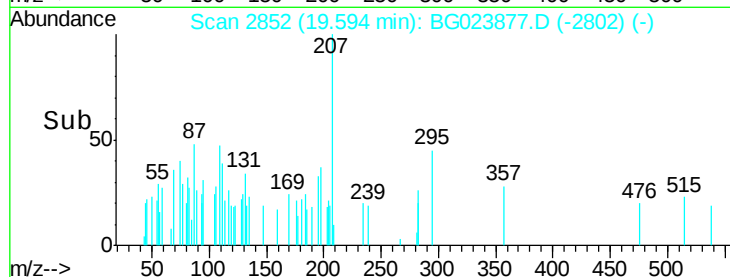
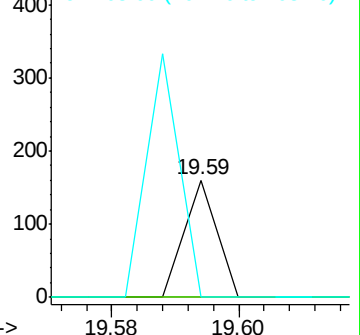
Tgt Ion:	202	Resp:	56
Ion Ratio	Lower	Upper	
202	100		
101	0.0	0.0	27.4
203	0.0	1.7	41.7#



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

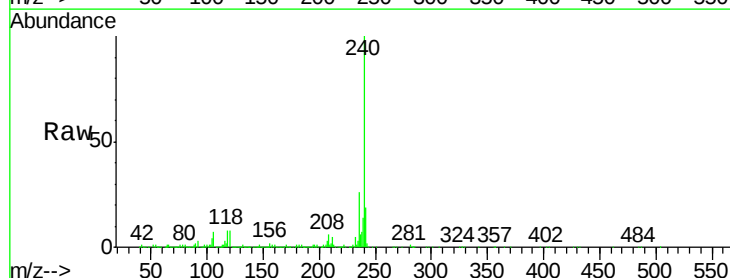
RT: 21.84 min Scan# 3234

Delta R.T. -0.02 min

Lab File: BG023877.D

Acq: 24 Aug 2016 6:10

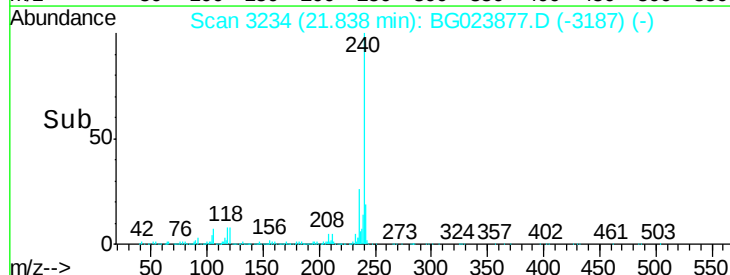
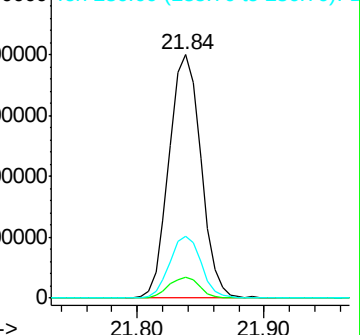
Tgt Ion:	240	Resp:	698047
Ion Ratio	Lower	Upper	
240	100		
120	8.5	4.1	6.1#
236	25.6	21.1	31.7

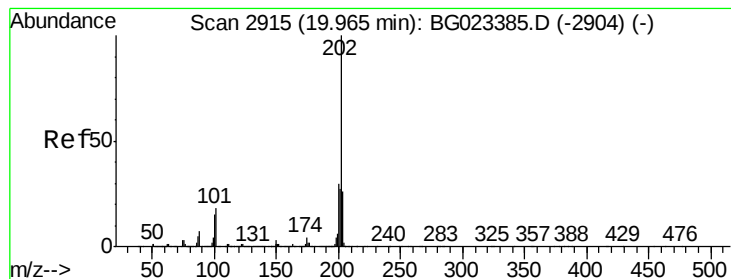


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: Below Cal

RT: 20.13 min Scan# 2944

Delta R.T. 0.17 min

Lab File: BG023877.D

Acq: 24 Aug 2016 6:10

Instrument :

BNA_G

ClientSampled :

SB-DUP

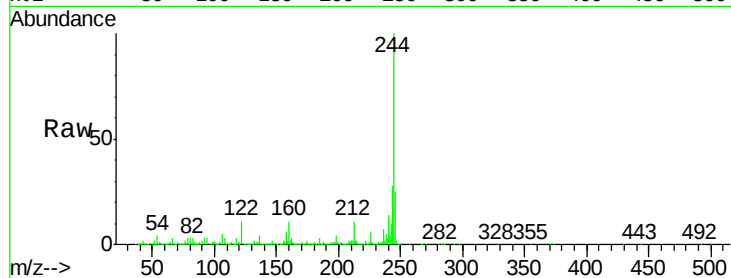
Tgt Ion:202 Resp: 10218

Ion Ratio Lower Upper

202 100

200 58.0 21.2 31.8#

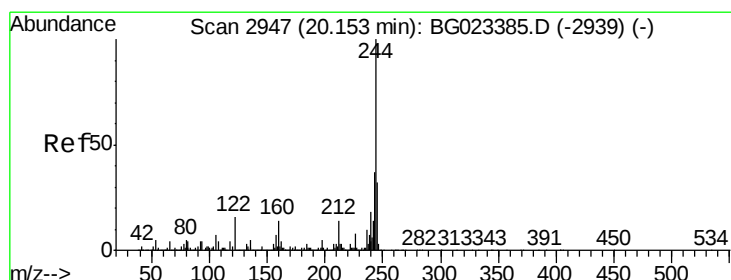
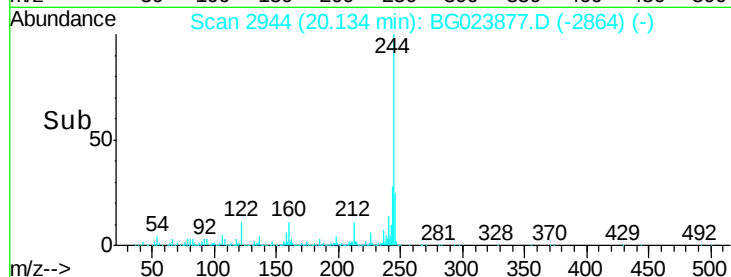
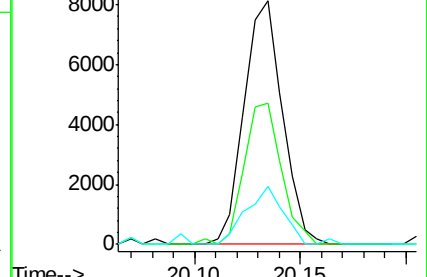
203 24.0 16.8 25.2



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: 100.92 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG023877.D

Acq: 24 Aug 2016 6:10

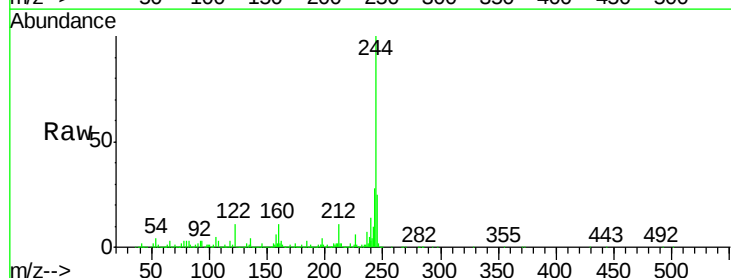
Tgt Ion:244 Resp: 2171067

Ion Ratio Lower Upper

244 100

212 10.8 10.8 16.2

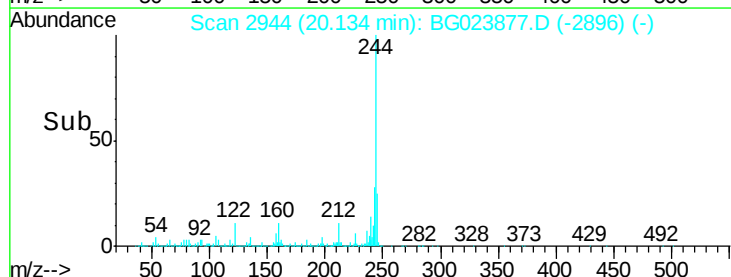
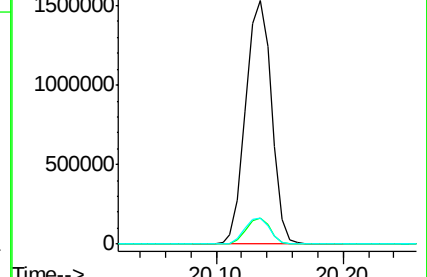
122 10.9 8.0 12.0

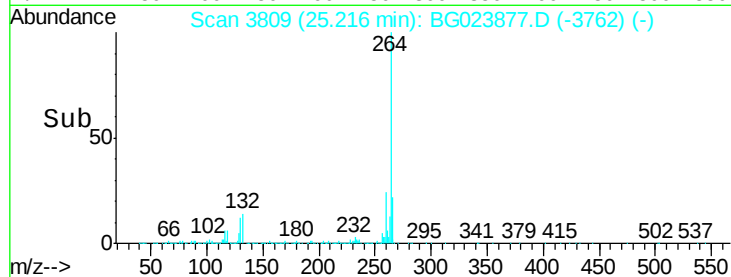
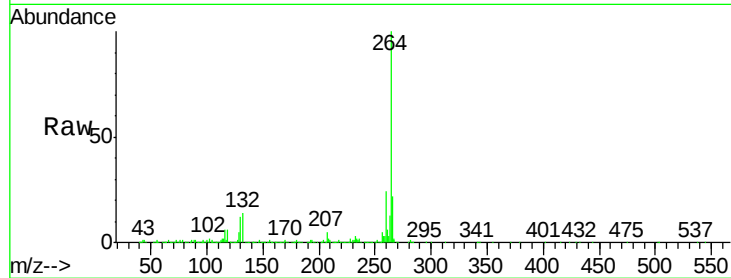
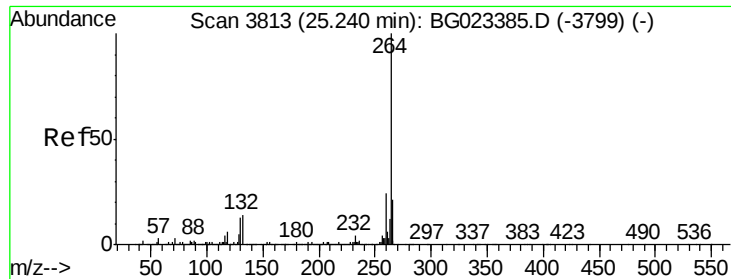


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.22 min Scan# 3809

Delta R.T. -0.02 min

Lab File: BG023877.D

Acq: 24 Aug 2016 6:10

Instrument :

BNA_G

ClientSampleId :

SB-DUP

Tgt Ion: 264 Resp: 690167

Ion Ratio Lower Upper

264 100

260 23.8 18.4 27.6

265 22.4 18.9 28.3

