

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082316\
 Data File : BG023875.D
 Acq On : 24 Aug 2016 4:54
 Operator : UM/SJ
 Sample : H4554-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P-5

Quant Time: Aug 24 07:02:30 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

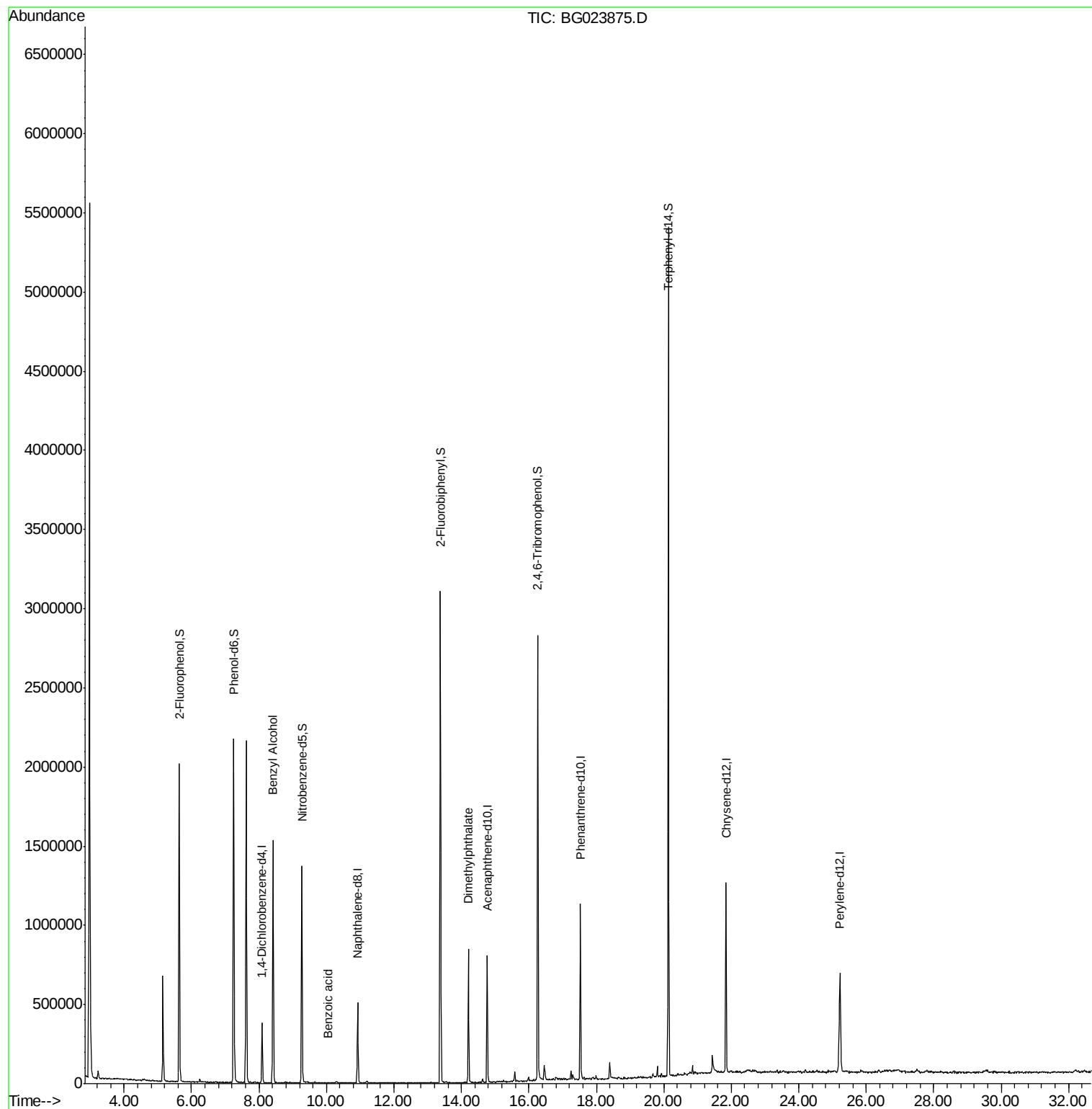
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	99988	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	421816	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	270436	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	653376	20.00	ng	-0.01
75) Chrysene-d12	21.84	240	700333	20.00	ng	-0.02
86) Perylene-d12	25.22	264	699555	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	854237	143.81	ng	-0.02
7) Phenol-d6	7.25	99	1253218	135.45	ng	-0.03
23) Nitrobenzene-d5	9.27	82	885224	104.33	ng	-0.03
41) 2,4,6-Tribromophenol	16.26	330	499567	126.29	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1557036	97.11	ng	-0.02
78) Terphenyl-d14	20.13	244	2106860	96.80	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.21	77	156	Below Cal	#	8
15) Benzyl Alcohol	8.41	79	15738	2.25 ng	#	58
32) Benzoic acid	10.05	122	59	6.45 ng	#	1
49) Dimethylphthalate	14.21	163	514718	24.81 ng		98
73) Di-n-butylphthalate	18.48	149	2364	Below Cal	#	73
74) Fluoranthene	19.59	202	1422	Below Cal		89
77) Pyrene	19.95	202	2027	Below Cal	#	82

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

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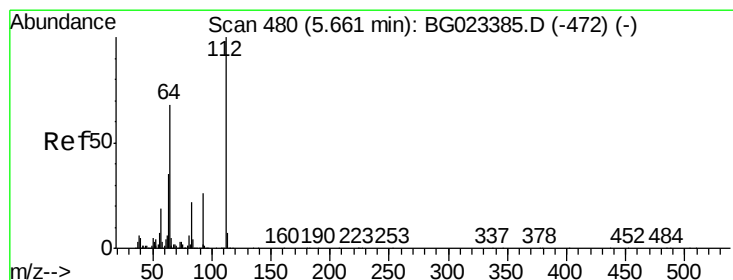
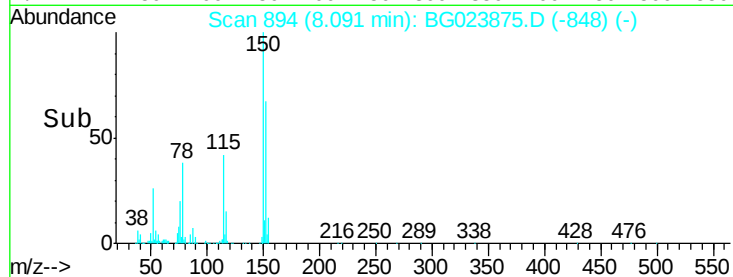
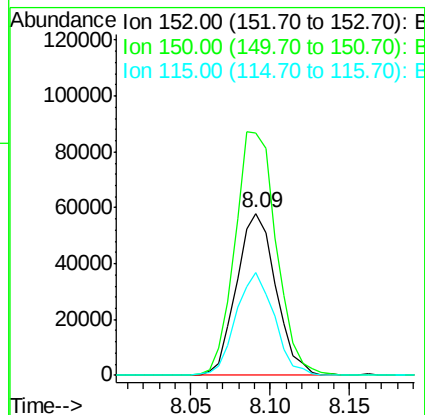
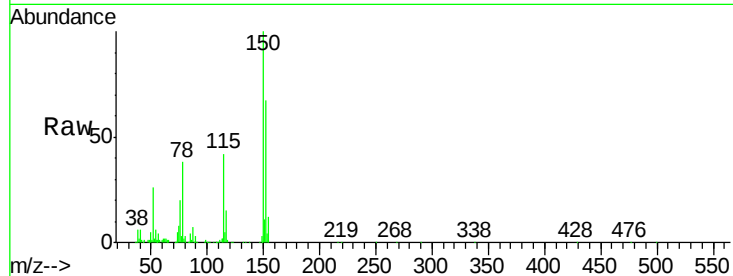


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.03 min
Lab File: BG023875.D
Acq: 24 Aug 2016 4:54

Instrument :
BNA_G
ClientSampleId :
P-5

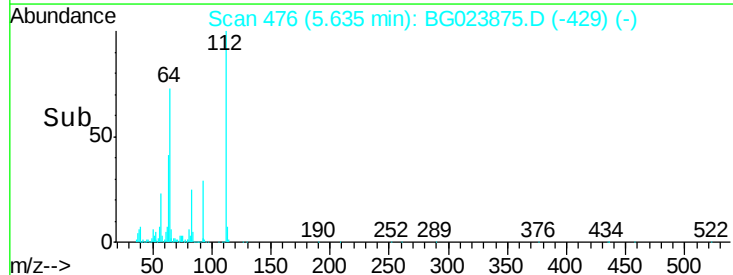
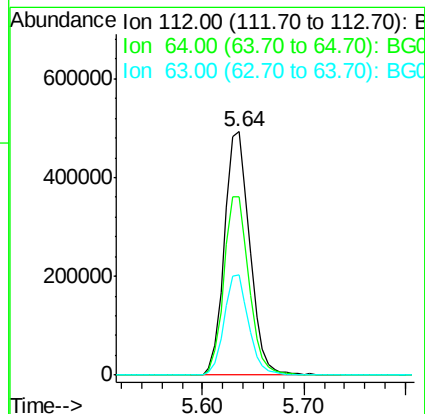
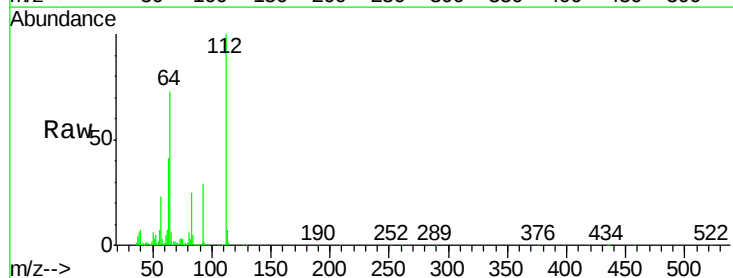
Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.1	144.7	217.1
115	63.3	64.0	96.0

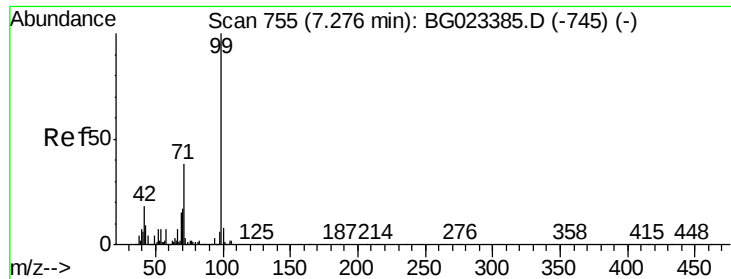


#5

2-Fluorophenol
Concen: 143.81 ng
RT: 5.64 min Scan# 476
Delta R.T. -0.02 min
Lab File: BG023875.D
Acq: 24 Aug 2016 4:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.4	59.0	88.4
63	41.1	37.8	56.8





#7

Phenol-d6

Concen: 135.45 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG023875.D

Acq: 24 Aug 2016 4:54

Instrument :

BNA_G

ClientSampleId :

P-5

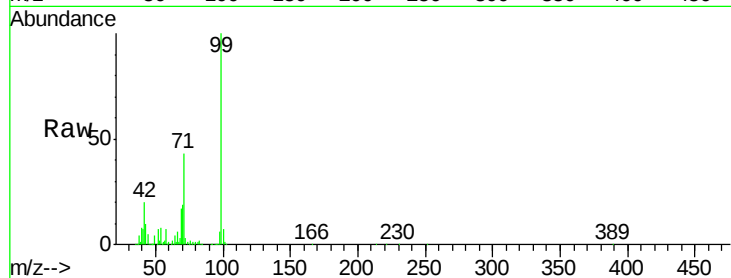
Tgt Ion: 99 Resp: 1253218

Ion Ratio Lower Upper

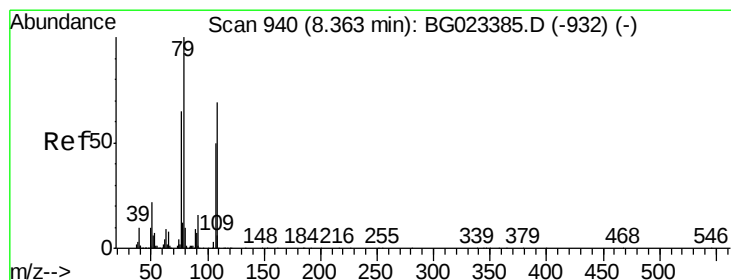
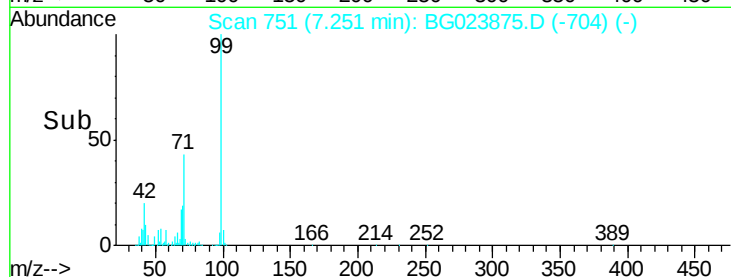
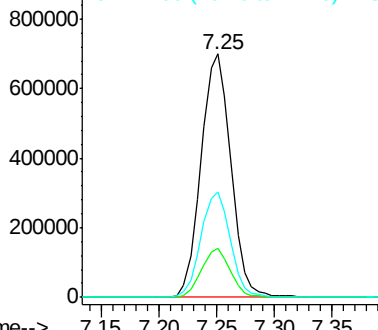
99 100

42 20.2 17.8 26.6

71 43.3 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



#15

Benzyl Alcohol

Concen: 2.25 ng

RT: 8.41 min Scan# 949

Delta R.T. 0.05 min

Lab File: BG023875.D

Acq: 24 Aug 2016 4:54

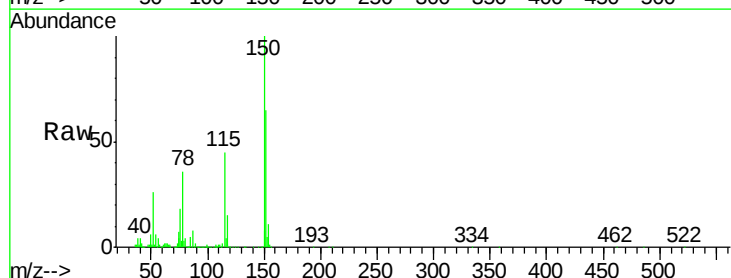
Tgt Ion: 79 Resp: 15738

Ion Ratio Lower Upper

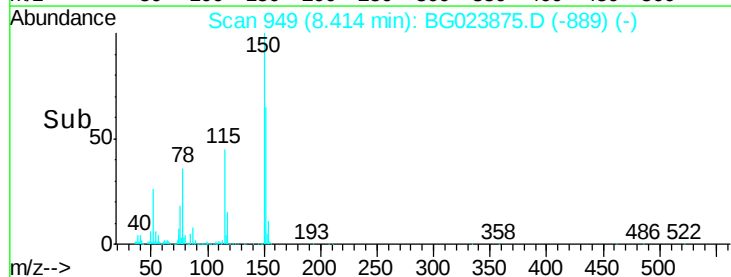
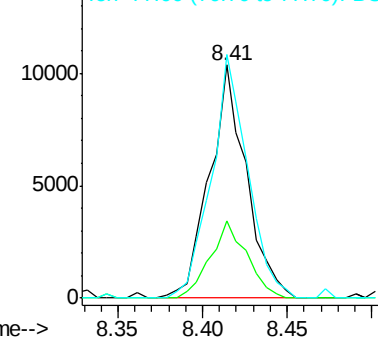
79 100

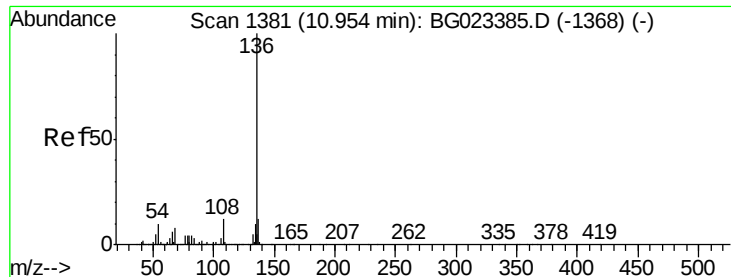
108 33.2 46.5 69.7#

77 104.4 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

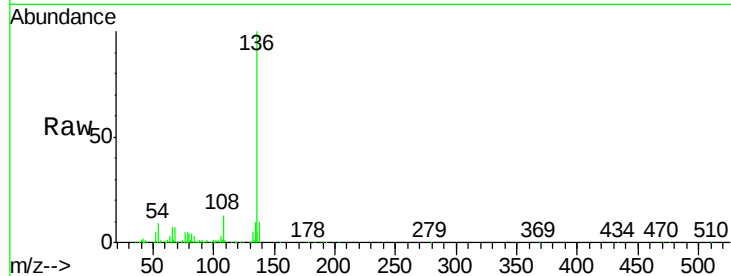




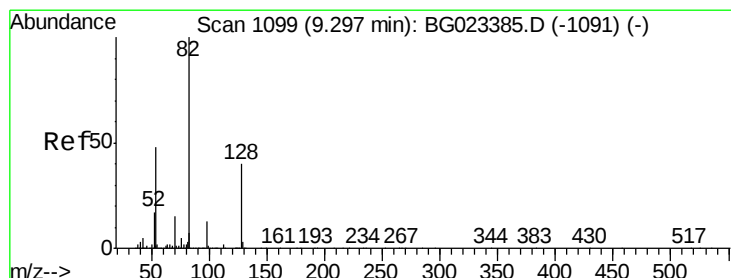
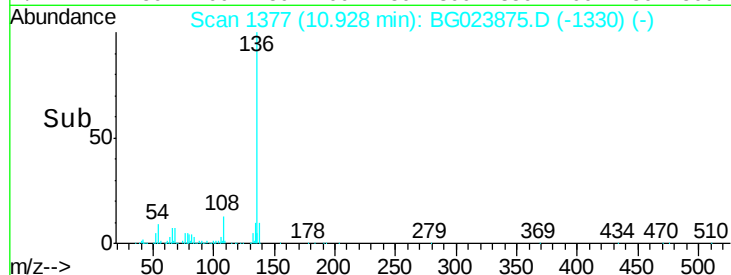
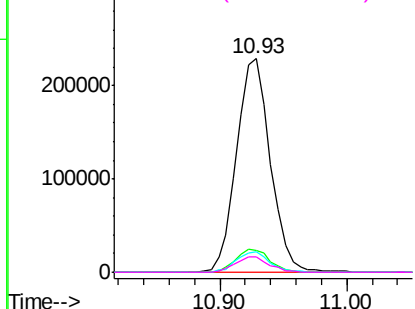
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.03 min
Lab File: BG023875.D
Acq: 24 Aug 2016 4:54

Instrument :
BNA_G
ClientSampleId :
P-5

Tgt Ion:	136	Resp:	421816
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.6	14.4
54	9.4	7.3	10.9
68	7.1	5.3	7.9

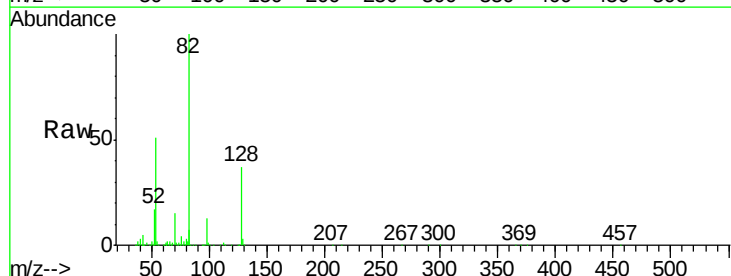


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

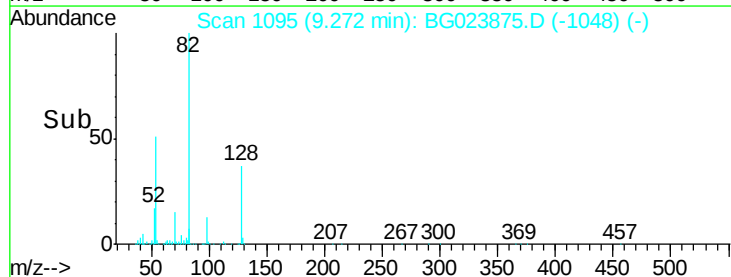
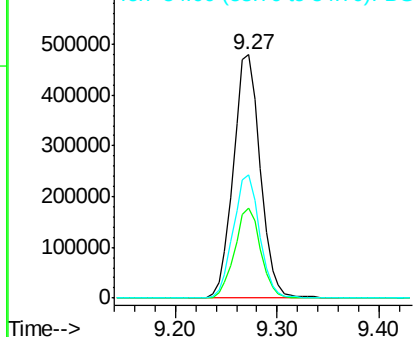


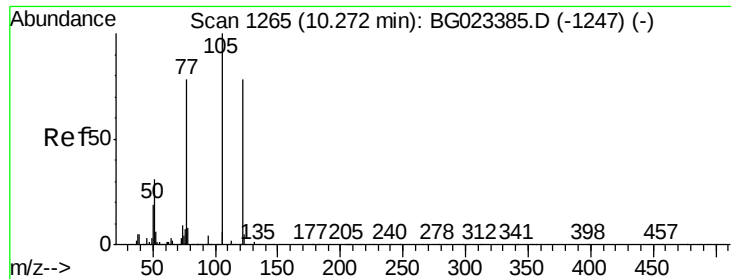
#23
Nitrobenzene-d5
Concen: 104.33 ng
RT: 9.27 min Scan# 1095
Delta R.T. -0.03 min
Lab File: BG023875.D
Acq: 24 Aug 2016 4:54

Tgt Ion:	82	Resp:	885224
Ion	Ratio	Lower	Upper
82	100		
128	37.1	24.4	36.6#
54	50.7	41.4	62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

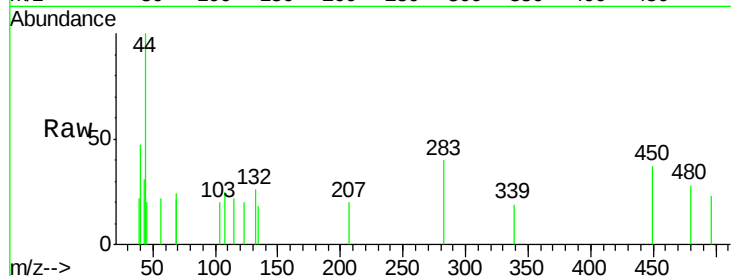




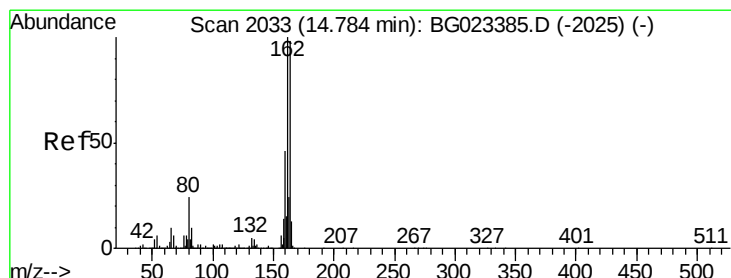
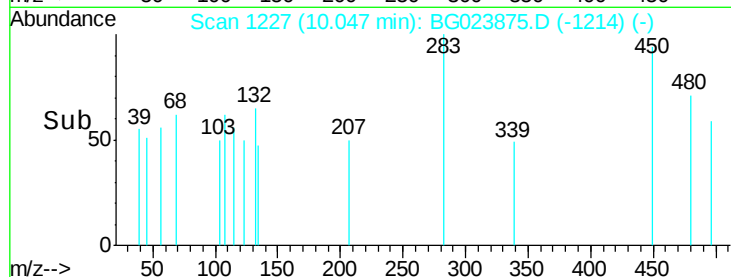
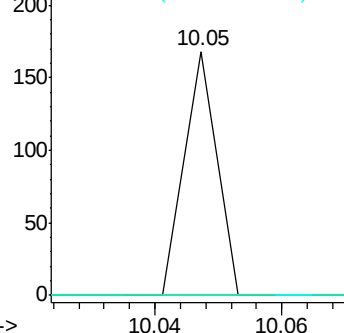
#32
Benzoic acid
Concen: 6.45 ng
RT: 10.05 min Scan# 1227
Delta R.T. -0.22 min
Lab File: BG023875.D
Acq: 24 Aug 2016 4:54

Instrument :
BNA_G
ClientSampleId :
P-5

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

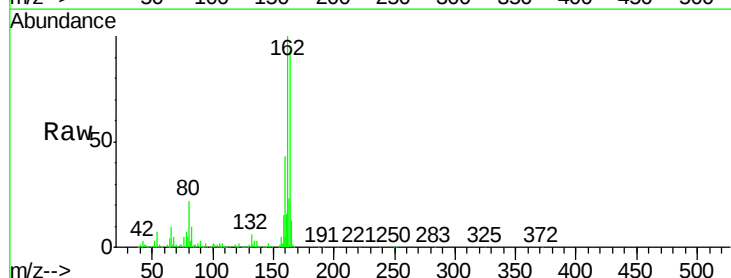


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

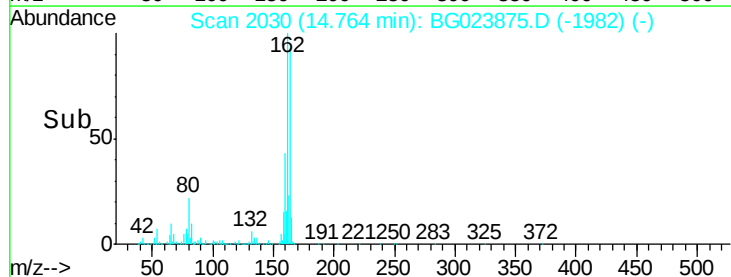
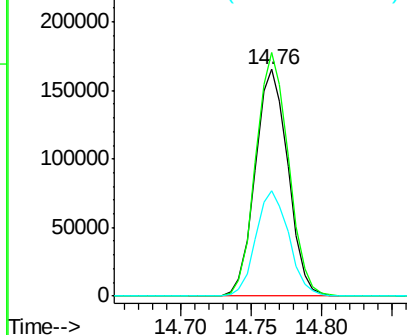


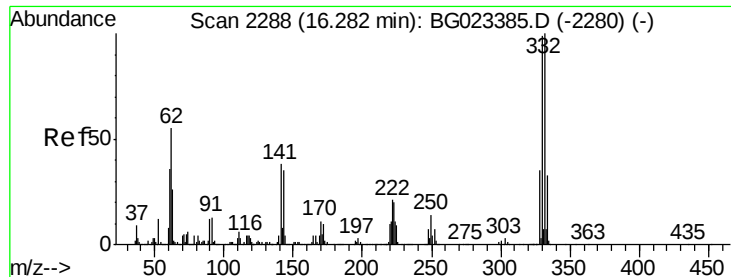
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BG023875.D
Acq: 24 Aug 2016 4:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.3	87.7	131.5
160	46.5	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

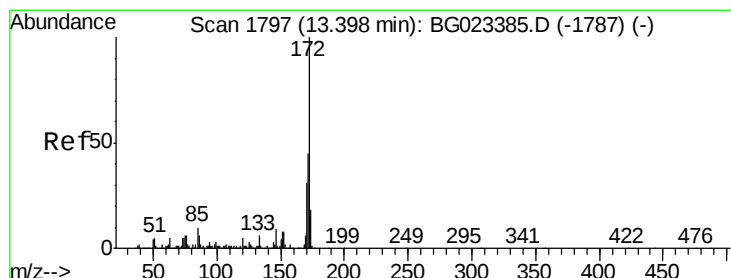
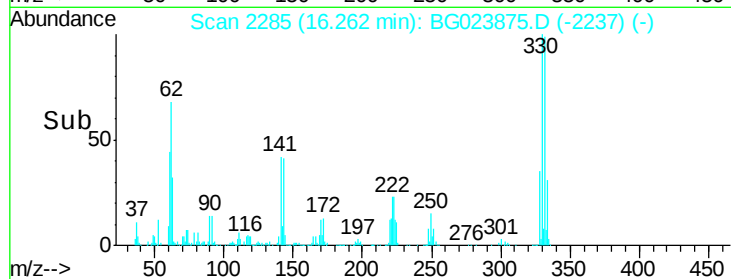
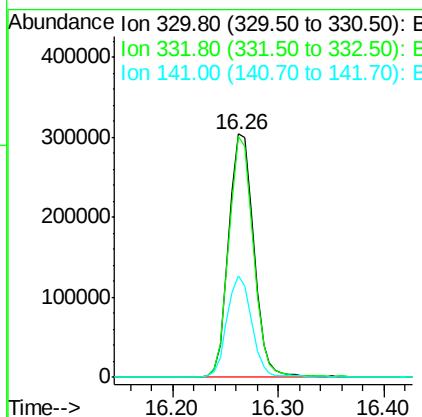
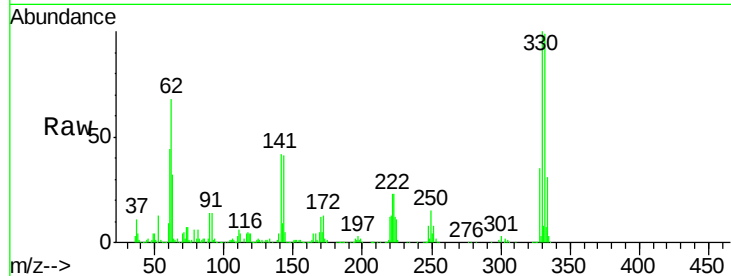




#41
 2,4,6-Tribromophenol
 Concen: 126.29 ng
 RT: 16.26 min Scan# 2285
 Delta R.T. -0.02 min
 Lab File: BG023875.D
 Acq: 24 Aug 2016 4:54

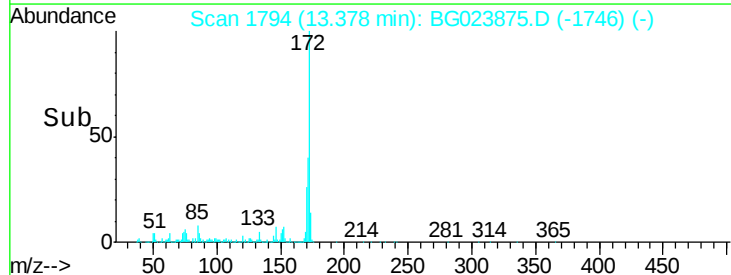
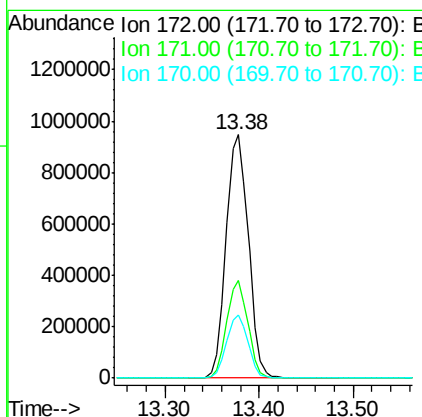
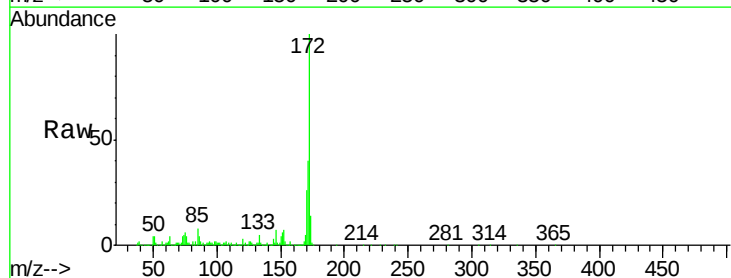
Instrument :
 BNA_G
 ClientSampleId :
 P-5

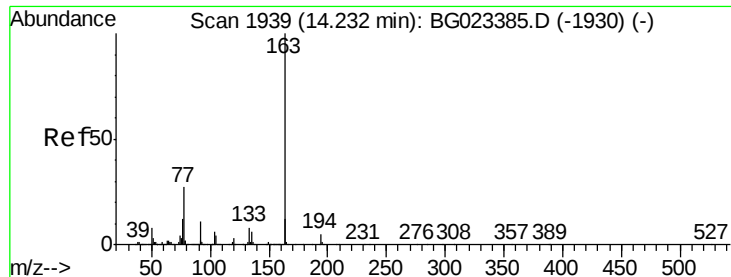
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.2
141	41.1	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 97.11 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.02 min
 Lab File: BG023875.D
 Acq: 24 Aug 2016 4:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.2	31.6	47.4
170	26.0	21.3	31.9





#49

Dimethylphthalate

Concen: 24.81 ng

RT: 14.21 min Scan# 1935

Delta R.T. -0.03 min

Lab File: BG023875.D

Acq: 24 Aug 2016 4:54

Instrument :

BNA_G

ClientSampleId :

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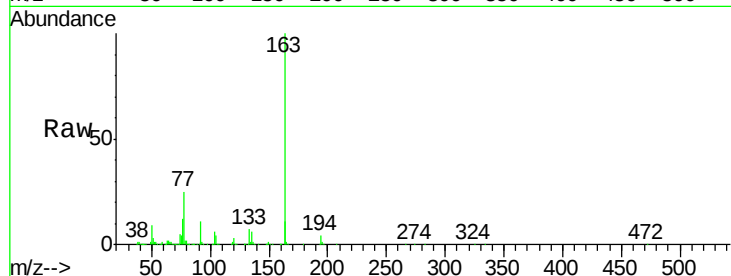
Tgt Ion:163 Resp: 514718

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

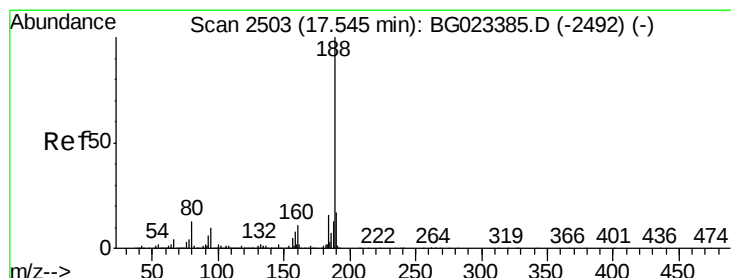
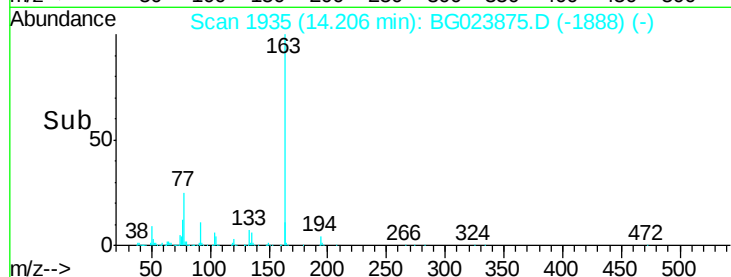
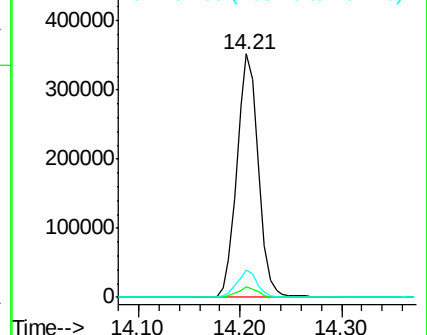
164 11.1 8.1 12.1



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. -0.01 min

Lab File: BG023875.D

Acq: 24 Aug 2016 4:54

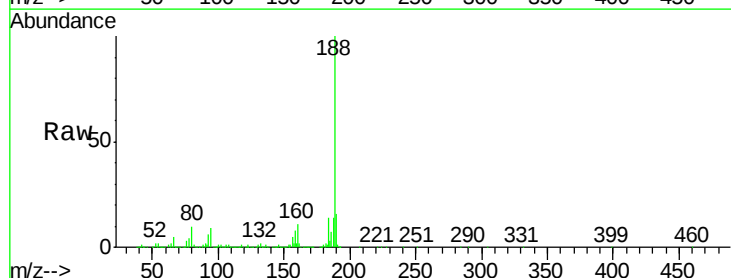
Tgt Ion:188 Resp: 653376

Ion Ratio Lower Upper

188 100

94 8.8 5.2 7.8#

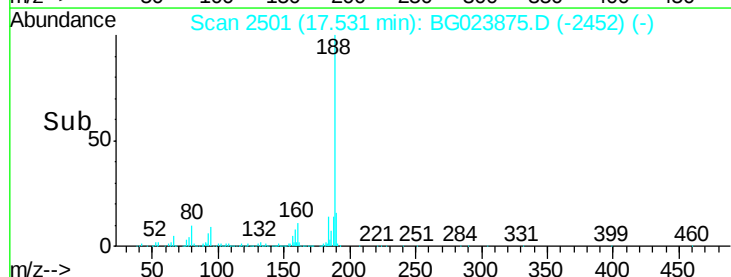
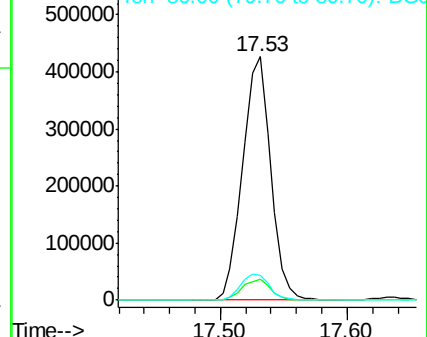
80 10.4 7.2 10.8

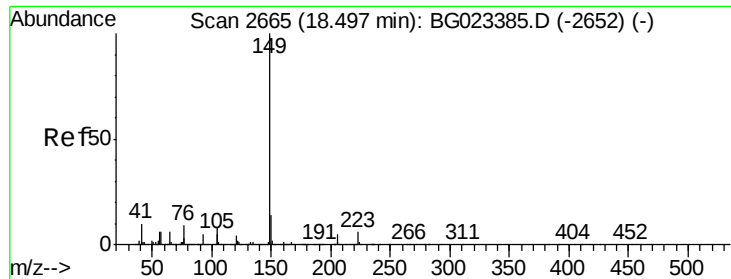


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

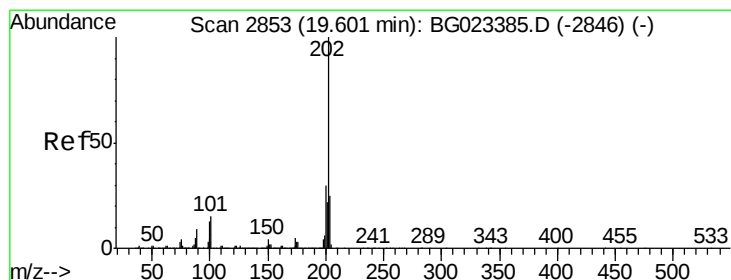
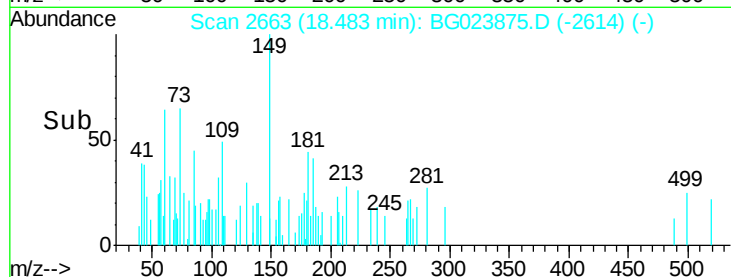
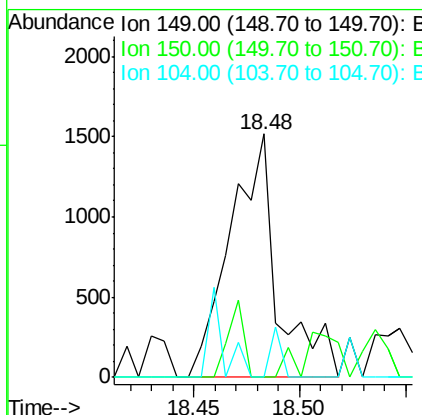
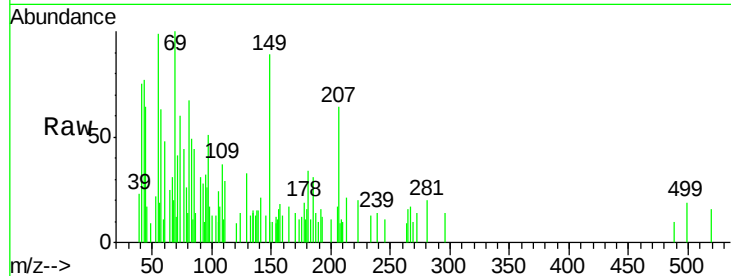




#73
Di-n-butylphthalate
Concen: Below Cal
RT: 18.48 min Scan# 2663
Delta R.T. -0.01 min
Lab File: BG023875.D
Acq: 24 Aug 2016 4:54

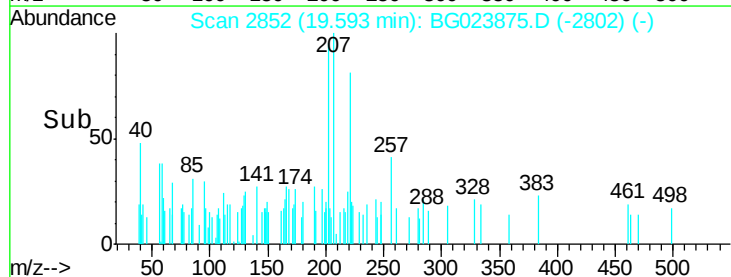
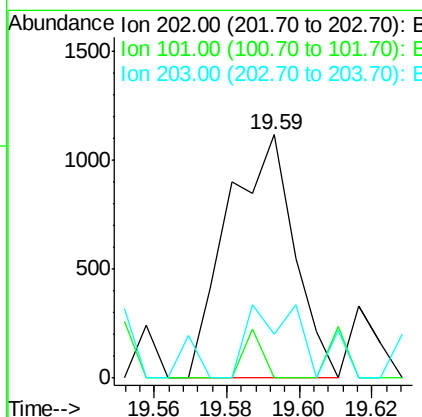
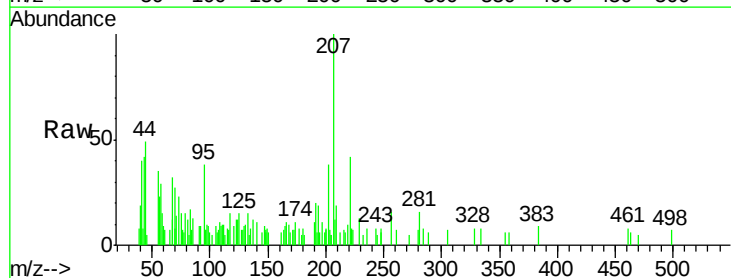
Instrument :
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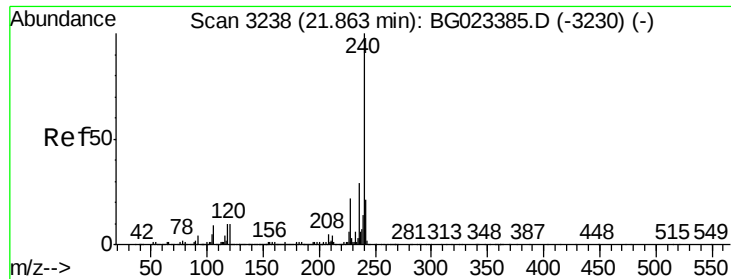
Tgt Ion	Ratio	Lower	Upper
149	100		
150	0.0	9.1	13.7#
104	0.0	6.9	10.3#



#74
Fluoranthene
Concen: Below Cal
RT: 19.59 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BG023875.D
Acq: 24 Aug 2016 4:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	27.4
203	18.1	1.7	41.7

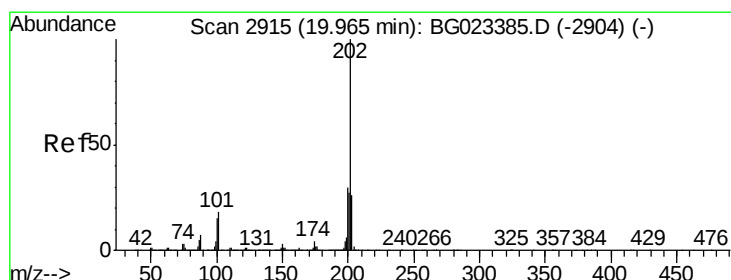
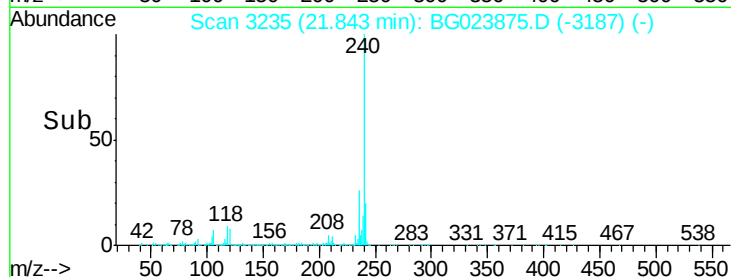
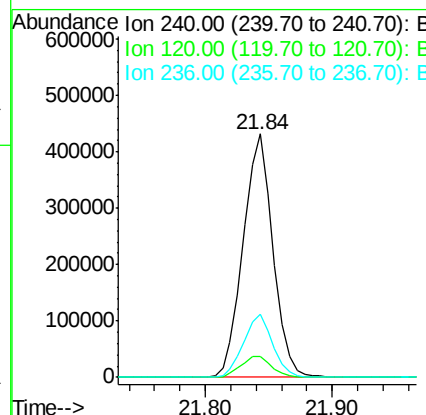
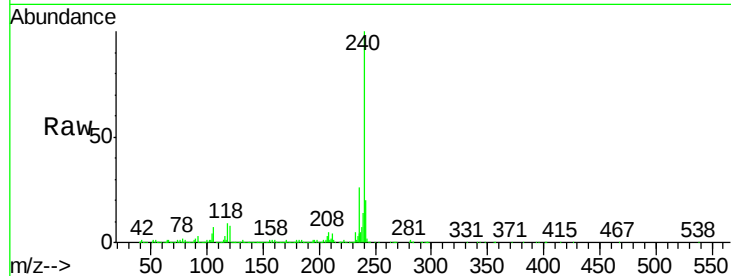




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.02 min
Lab File: BG023875.D
Acq: 24 Aug 2016 4:54

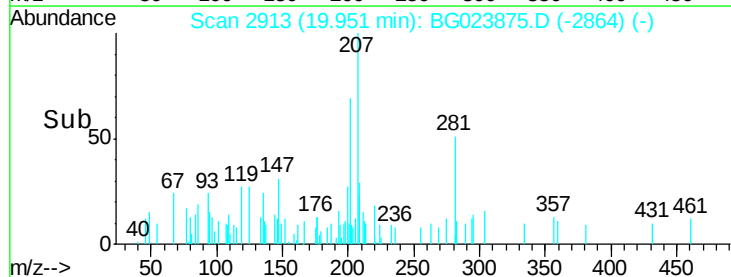
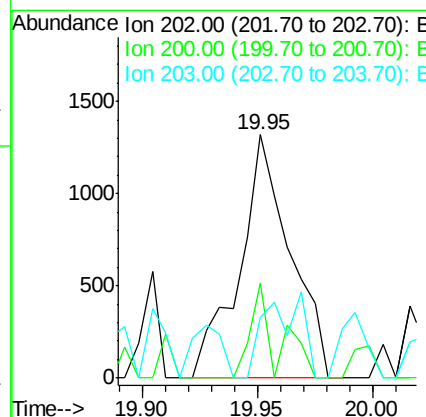
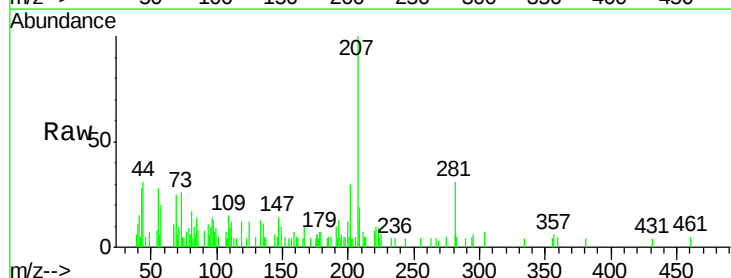
Instrument :
BNA_G
ClientSampled :
P-5

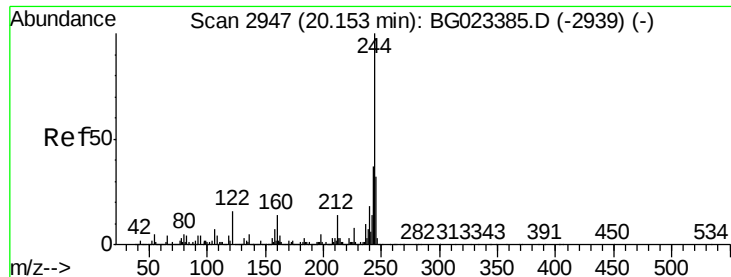
Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.4	4.1	6.1#
236	26.0	21.1	31.7



#77
Pyrene
Concen: Below Cal
RT: 19.95 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BG023875.D
Acq: 24 Aug 2016 4:54

Tgt Ion	Ratio	Lower	Upper
202	100		
200	39.2	21.2	31.8#
203	25.1	16.8	25.2





#78

Terphenyl-d14

Concen: 96.80 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG023875.D

Acq: 24 Aug 2016 4:54

Instrument :

BNA_G

ClientSampleId :

P-5

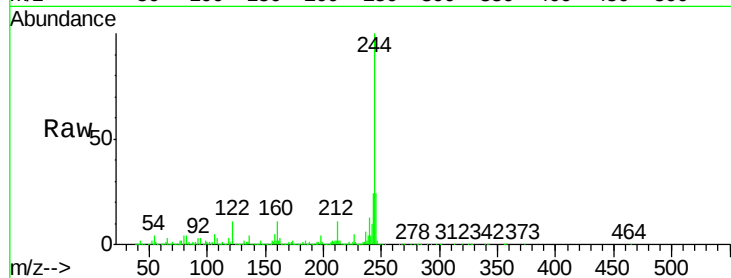
Tgt Ion:244 Resp: 2106860

Ion Ratio Lower Upper

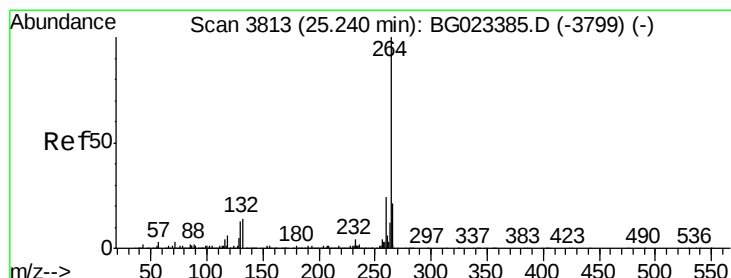
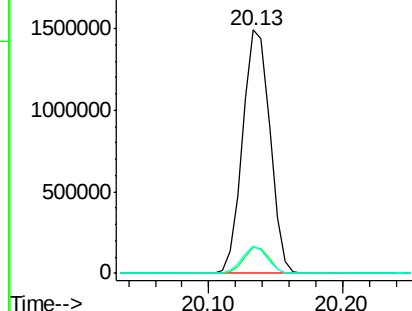
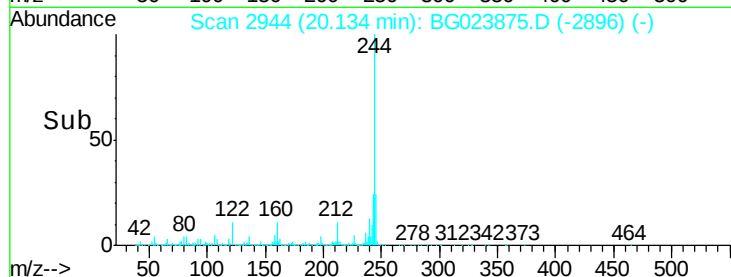
244 100

212 10.6 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: 25.22 min Scan# 3810

Delta R.T. -0.02 min

Lab File: BG023875.D

Acq: 24 Aug 2016 4:54

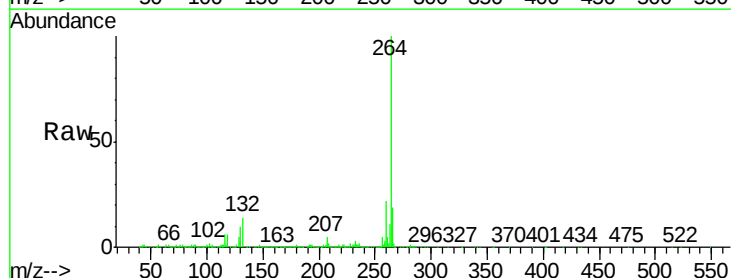
Tgt Ion:264 Resp: 699555

Ion Ratio Lower Upper

264 100

260 22.4 18.4 27.6

265 19.0 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

