

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082316\
 Data File : BG023873.D
 Acq On : 24 Aug 2016 3:38
 Operator : UM/SJ
 Sample : H4554-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P-2

Quant Time: Aug 24 04:51:50 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

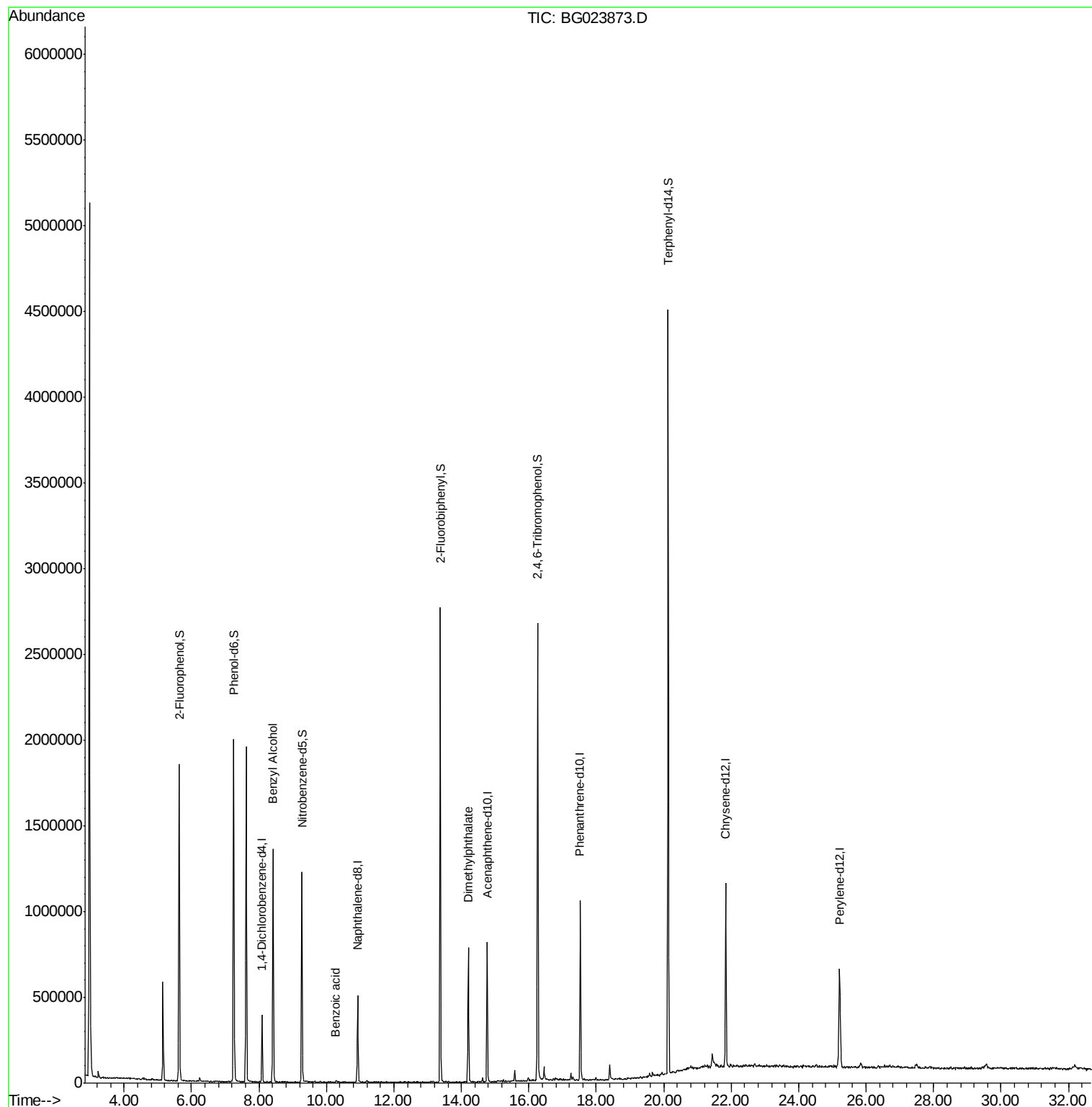
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	103983	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	428101	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	272145	20.00	ng	-0.02
63) Phenanthrene-d10	17.52	188	642608	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	666675	20.00	ng	-0.02
86) Perylene-d12	25.21	264	655912	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	790091	127.90	ng	-0.03
7) Phenol-d6	7.25	99	1170342	121.64	ng	-0.03
23) Nitrobenzene-d5	9.27	82	809565	94.01	ng	-0.03
41) 2,4,6-Tribromophenol	16.26	330	474485	119.20	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1394123	86.40	ng	-0.02
78) Terphenyl-d14	20.13	244	1803800	84.58	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.25	77	3302	Below Cal	#	17
15) Benzyl Alcohol	8.41	79	14776	2.03 ng	#	64
32) Benzoic acid	10.26	122	76	6.45 ng	#	34
49) Dimethylphthalate	14.20	163	510634	24.46 ng		99
73) Di-n-butylphthalate	18.47	149	1106	Below Cal	#	45
74) Fluoranthene	19.59	202	8431	Below Cal		88
77) Pyrene	19.94	202	7765	Below Cal		93

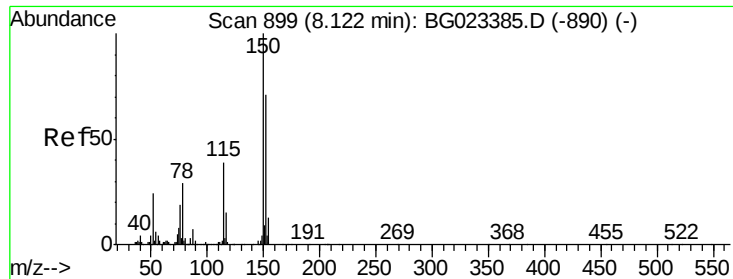
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023873.D

Acq: 24 Aug 2016 3:38

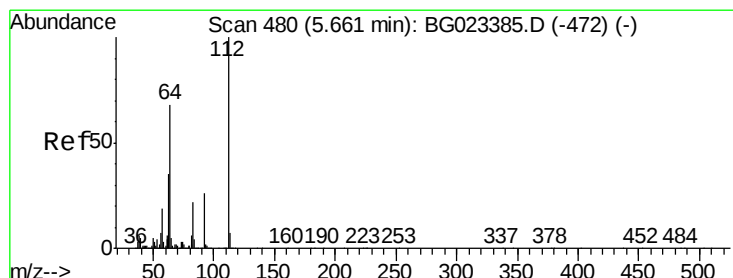
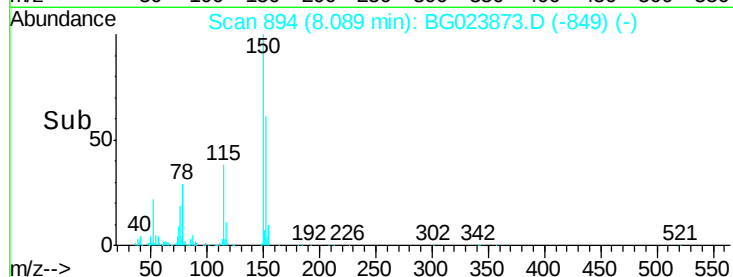
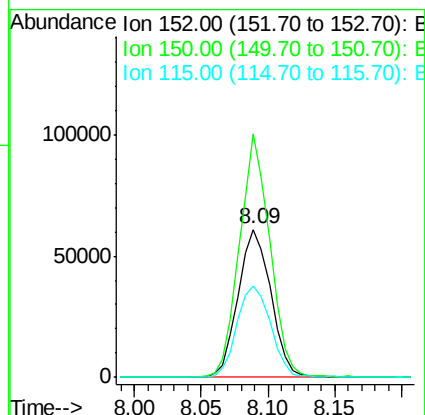
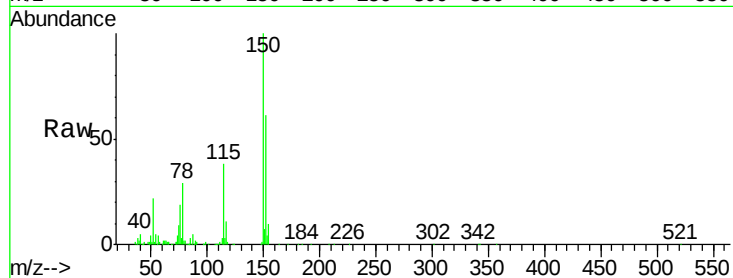
Instrument :

BNA_G

ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
152	100		
150	164.7	144.7	217.1
115	62.1	64.0	96.0



#5

2-Fluorophenol

Concen: 127.90 ng

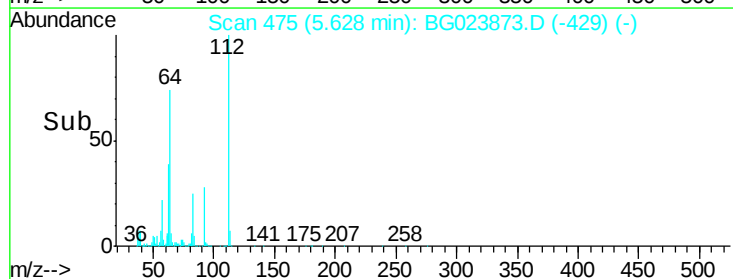
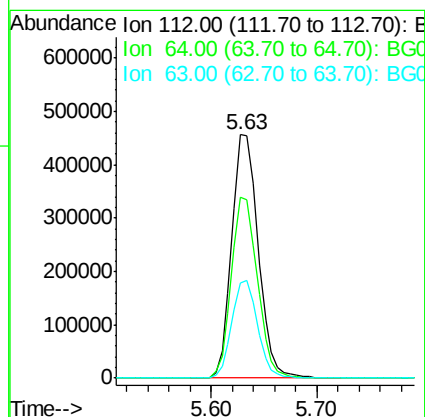
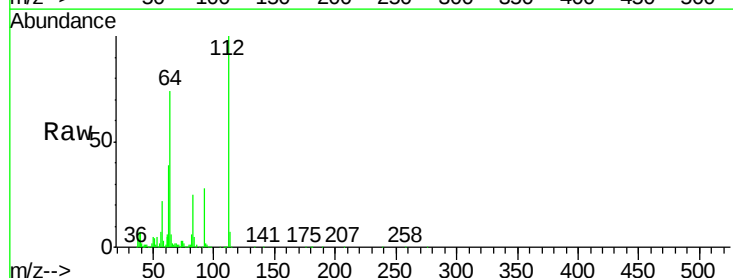
RT: 5.63 min Scan# 475

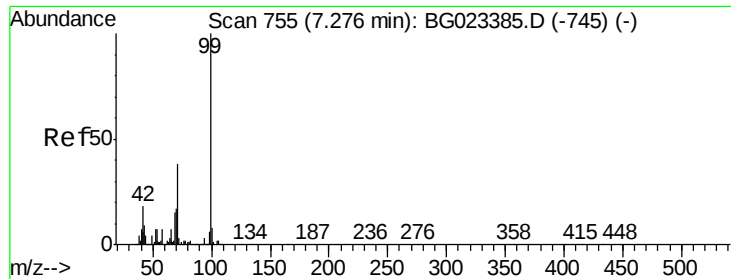
Delta R.T. -0.03 min

Lab File: BG023873.D

Acq: 24 Aug 2016 3:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.2	59.0	88.4
63	38.9	37.8	56.8





#7

Phenol-d6

Concen: 121.64 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG023873.D

Acq: 24 Aug 2016 3:38

Instrument :

BNA_G

ClientSampleId :

P-2

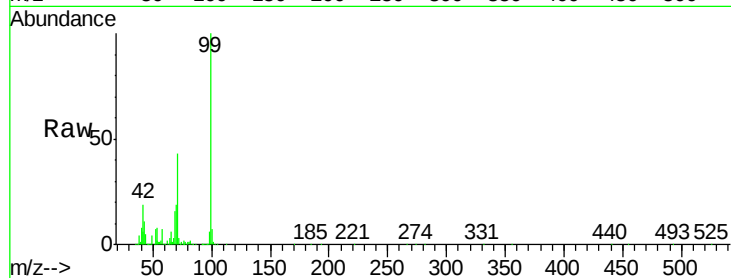
Tgt Ion: 99 Resp: 1170342

Ion Ratio Lower Upper

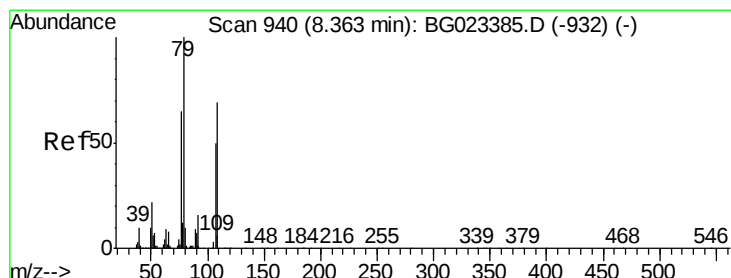
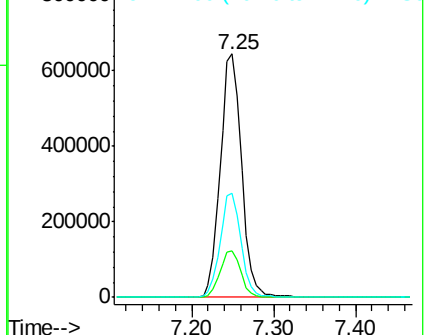
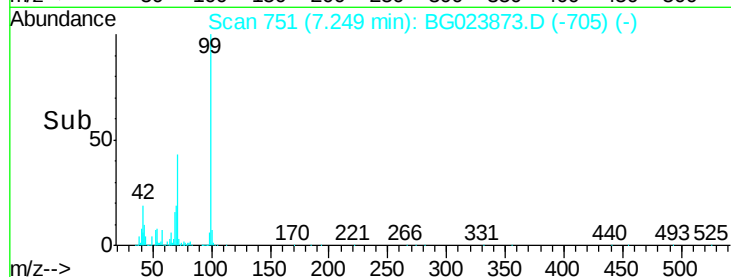
99 100

42 19.0 17.8 26.6

71 42.9 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: 2.03 ng

RT: 8.41 min Scan# 949

Delta R.T. 0.05 min

Lab File: BG023873.D

Acq: 24 Aug 2016 3:38

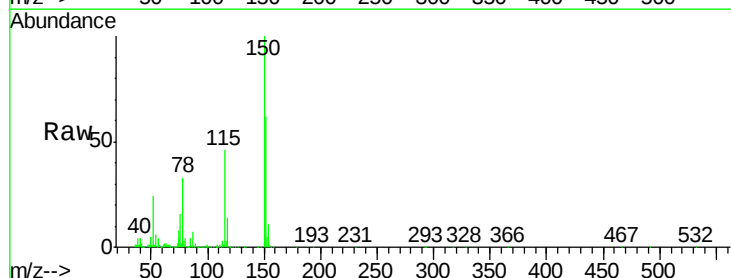
Tgt Ion: 79 Resp: 14776

Ion Ratio Lower Upper

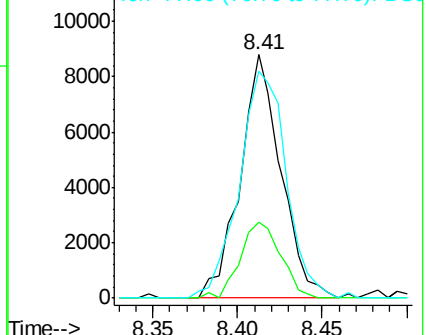
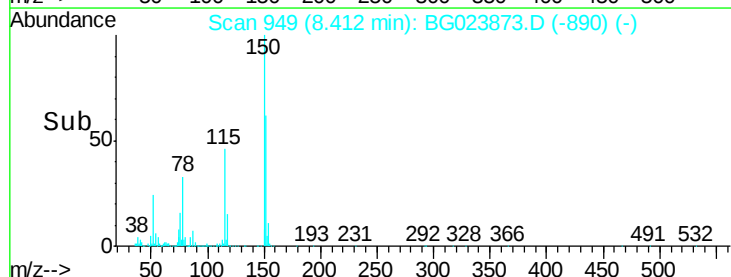
79 100

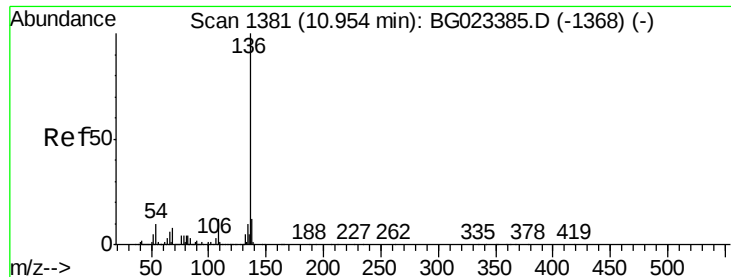
108 31.2 46.5 69.7#

77 93.1 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

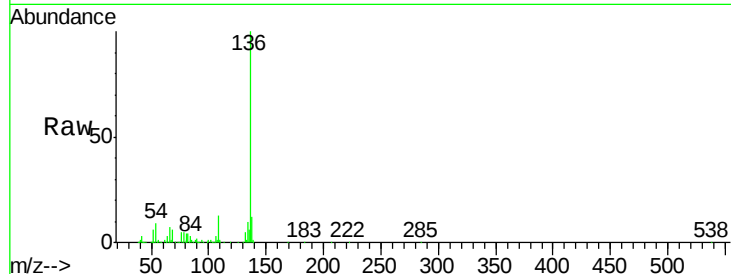




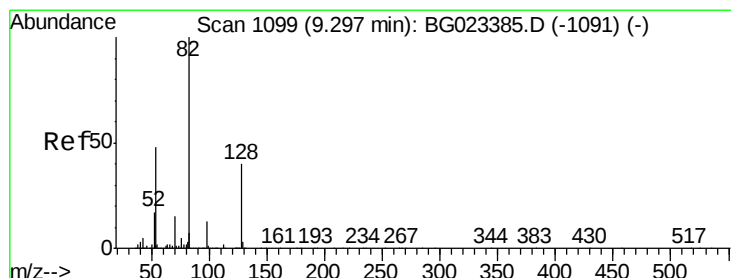
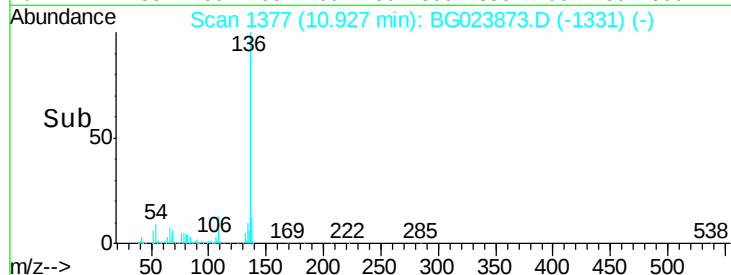
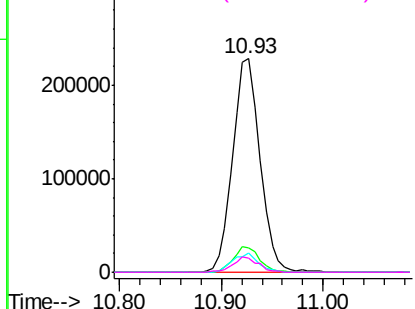
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.03 min
Lab File: BG023873.D
Acq: 24 Aug 2016 3:38

Instrument :
BNA_G
ClientSampleId :
P-2

Tgt Ion:	136	Resp:	428101
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	8.9	7.3	10.9
68	6.4	5.3	7.9

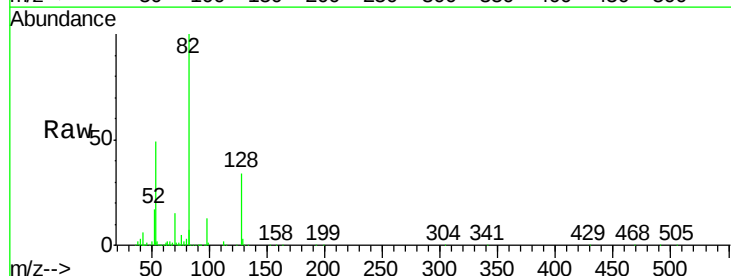


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

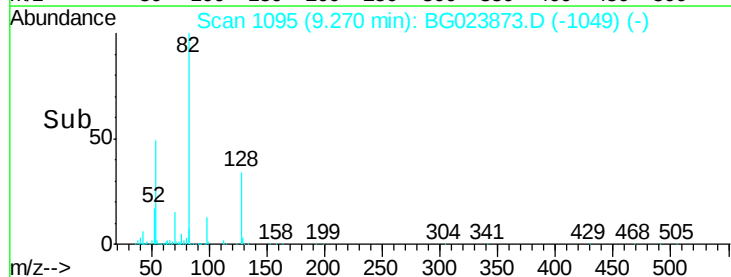
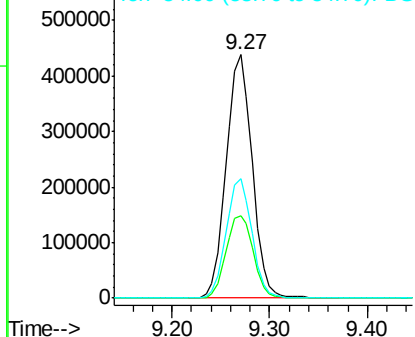


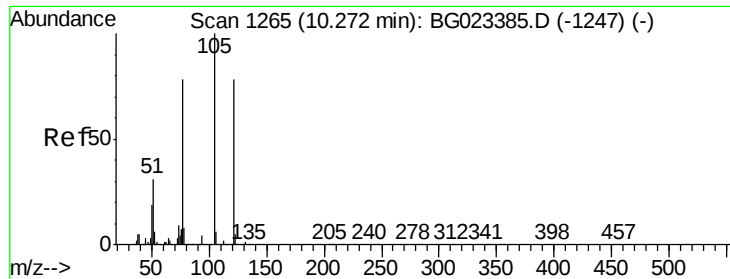
#23
Nitrobenzene-d5
Concen: 94.01 ng
RT: 9.27 min Scan# 1095
Delta R.T. -0.03 min
Lab File: BG023873.D
Acq: 24 Aug 2016 3:38

Tgt Ion:	82	Resp:	809565
Ion	Ratio	Lower	Upper
82	100		
128	34.0	24.4	36.6
54	48.8	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

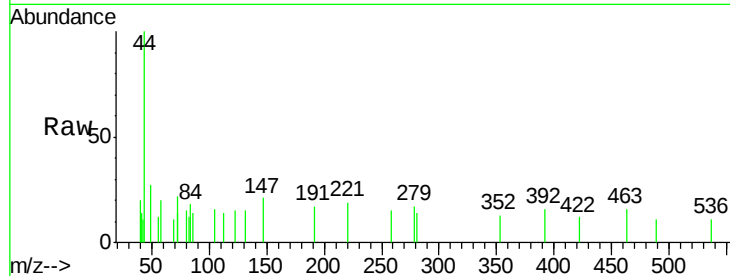




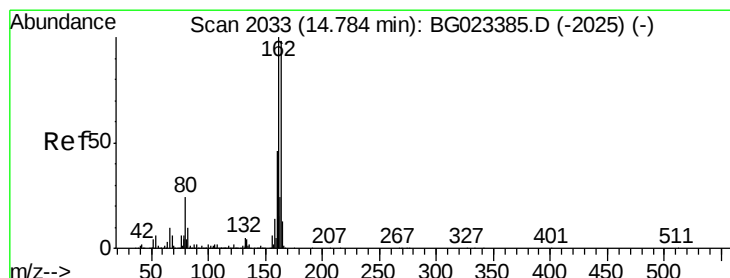
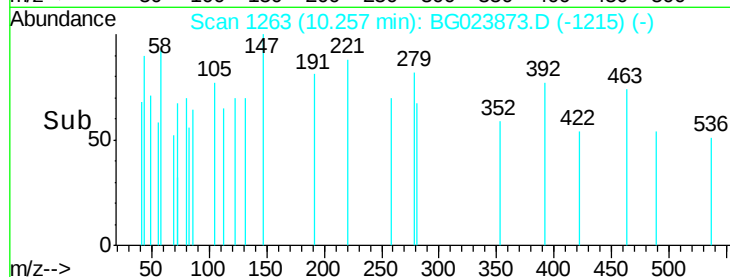
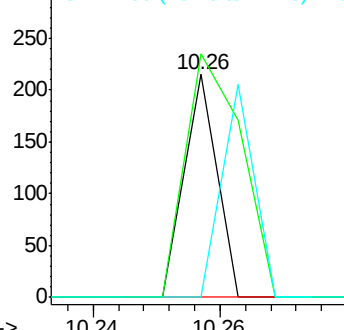
#32
Benzoic acid
Concen: 6.45 ng
RT: 10.26 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BG023873.D
Acq: 24 Aug 2016 3:38

Instrument :
BNA_G
ClientSampled :
P-2

Tgt Ion	Ratio	Lower	Upper
122	100		
105	109.3	117.2	157.2#
77	0.0	109.2	149.2#

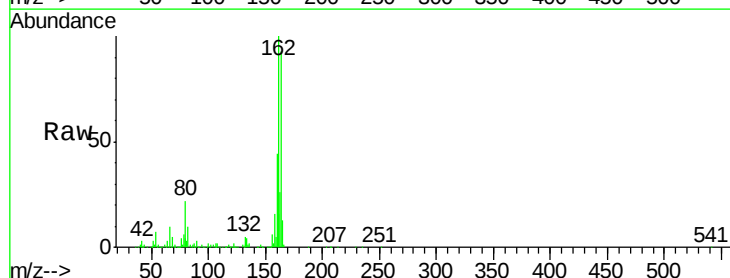


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

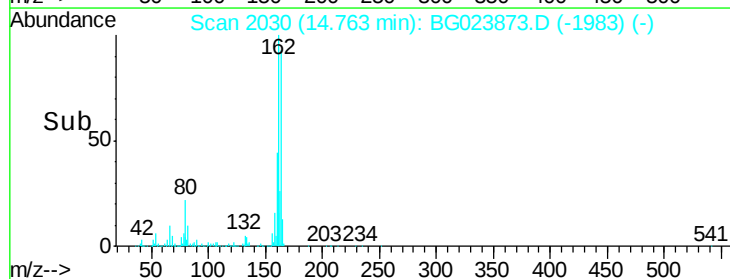
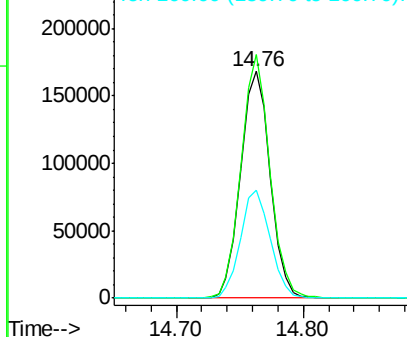


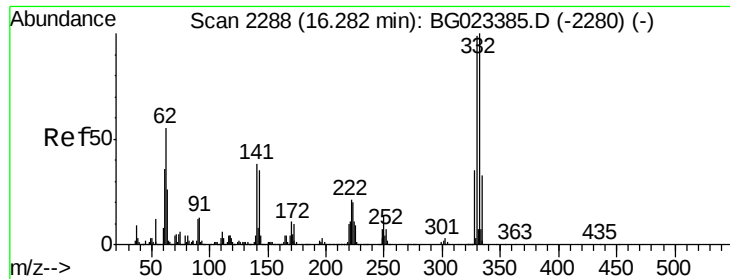
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BG023873.D
Acq: 24 Aug 2016 3:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.5	87.7	131.5
160	47.5	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

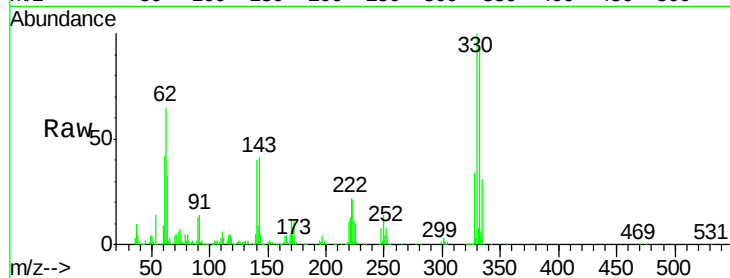




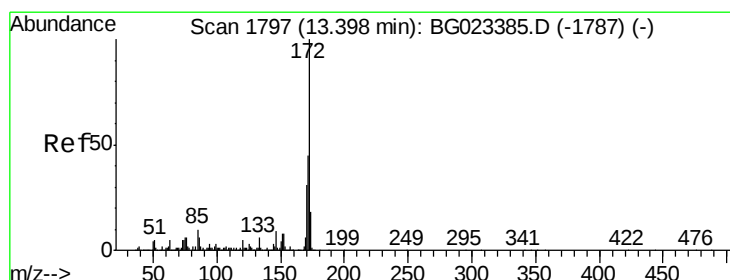
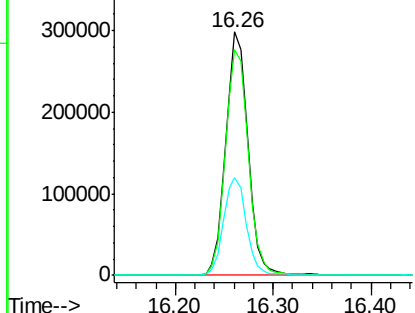
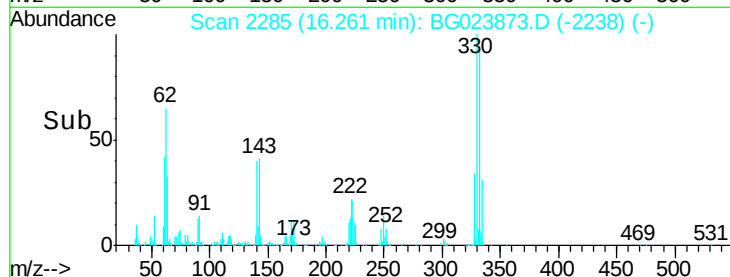
#41
 2,4,6-Tribromophenol
 Concen: 119.20 ng
 RT: 16.26 min Scan# 2285
 Delta R.T. -0.02 min
 Lab File: BG023873.D
 Acq: 24 Aug 2016 3:38

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.4	116.2
141	41.1	31.7	47.5

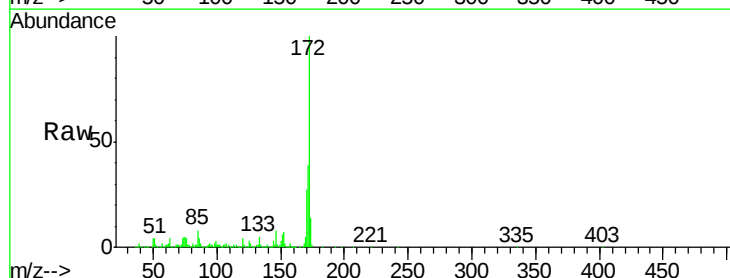


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

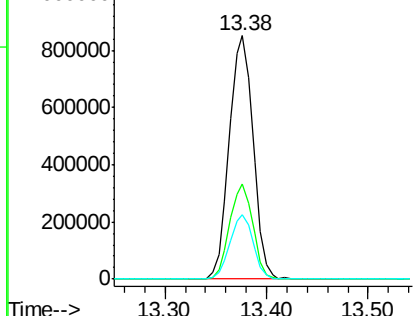
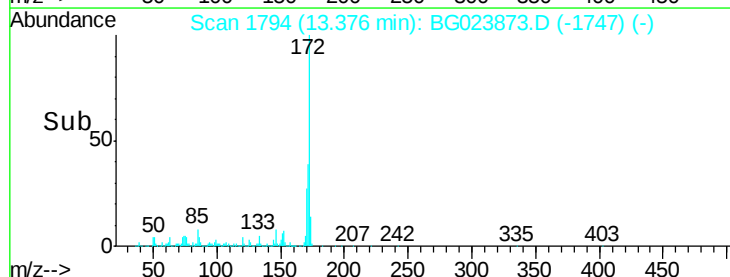


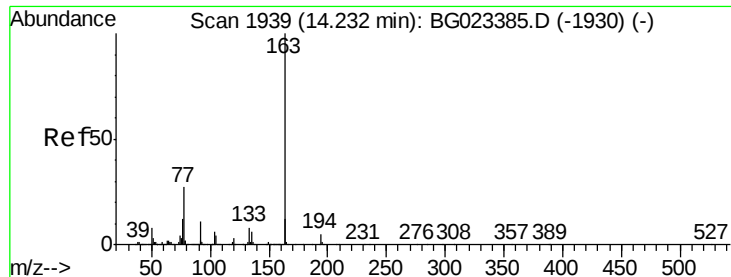
#44
 2-Fluorobiphenyl
 Concen: 86.40 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.02 min
 Lab File: BG023873.D
 Acq: 24 Aug 2016 3:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.6	47.4
170	26.7	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: 24.46 ng

RT: 14.20 min Scan# 1935

Delta R.T. -0.03 min

Lab File: BG023873.D

Acq: 24 Aug 2016 3:38

Instrument :

BNA_G

ClientSampleId :

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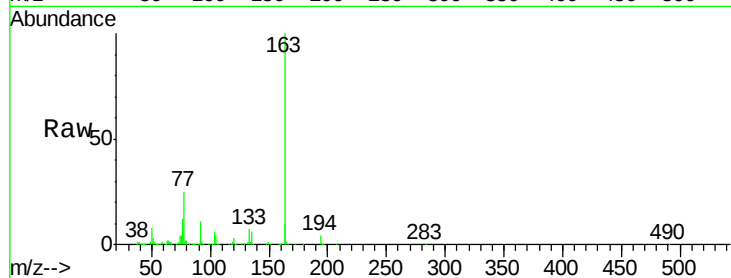
Tgt Ion:163 Resp: 510634

Ion Ratio Lower Upper

163 100

194 3.8 3.6 5.4

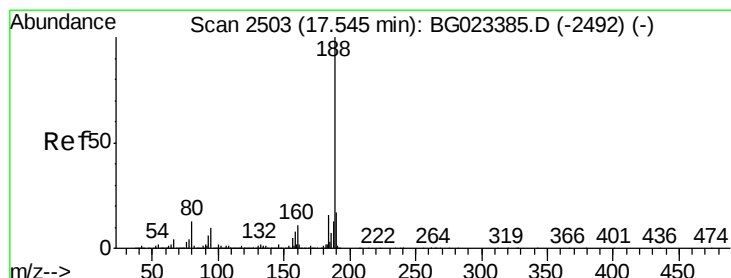
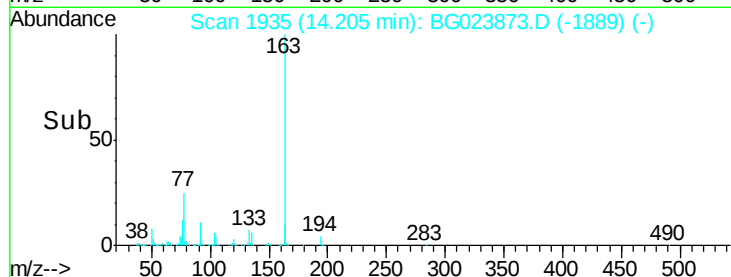
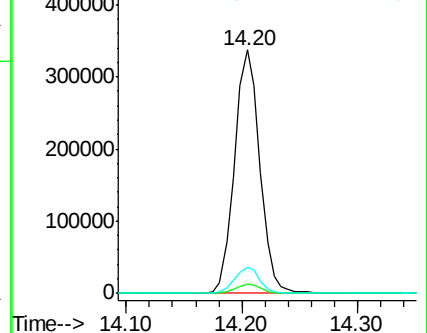
164 10.5 8.1 12.1



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: 17.52 min Scan# 2500

Delta R.T. -0.02 min

Lab File: BG023873.D

Acq: 24 Aug 2016 3:38

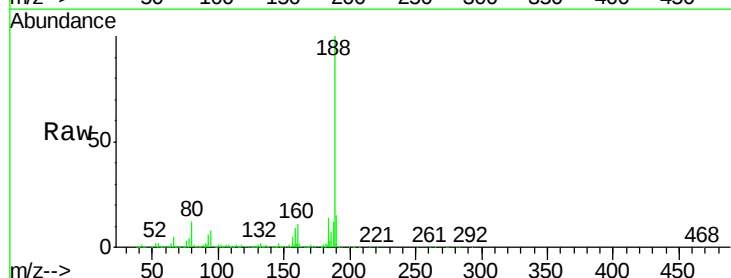
Tgt Ion:188 Resp: 642608

Ion Ratio Lower Upper

188 100

94 8.1 5.2 7.8#

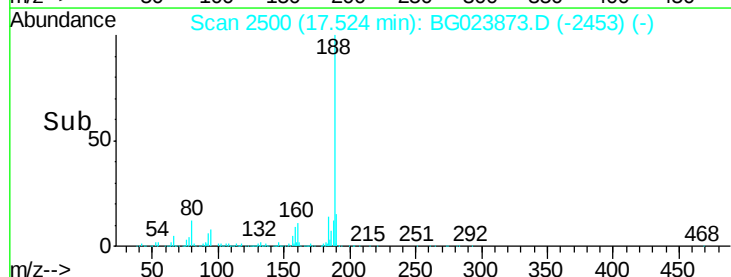
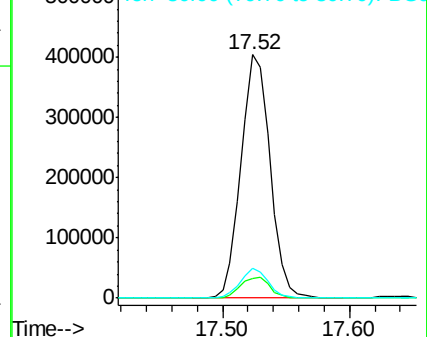
80 12.0 7.2 10.8#

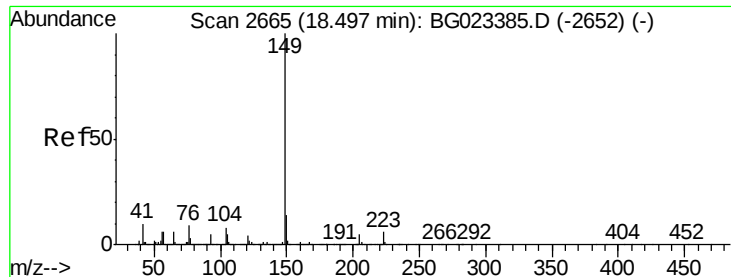


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.47 min Scan# 2661

Delta R.T. -0.03 min

Lab File: BG023873.D

Acq: 24 Aug 2016 3:38

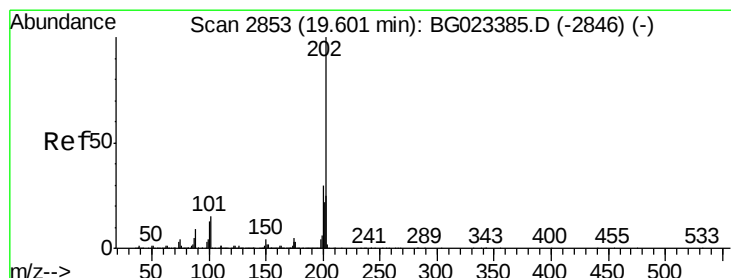
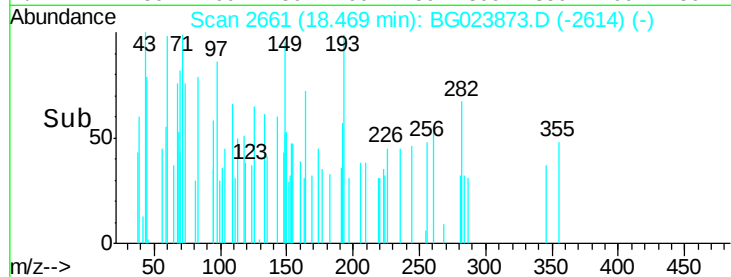
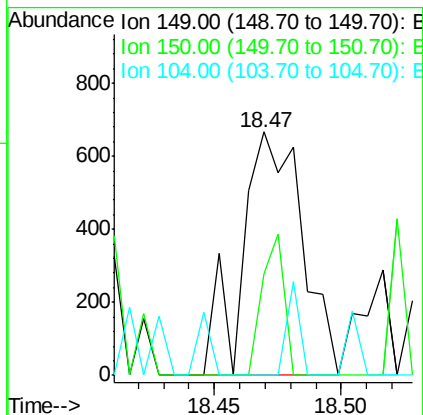
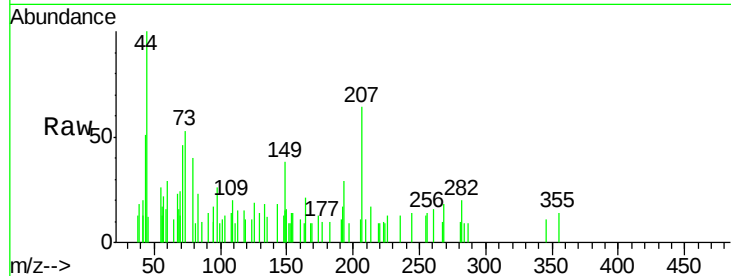
Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:	149	Resp:	1106
Ion	Ratio	Lower	Upper
149	100		
150	41.5	9.1	13.7#
104	0.0	6.9	10.3#



#74

Fluoranthene

Concen: Below Cal

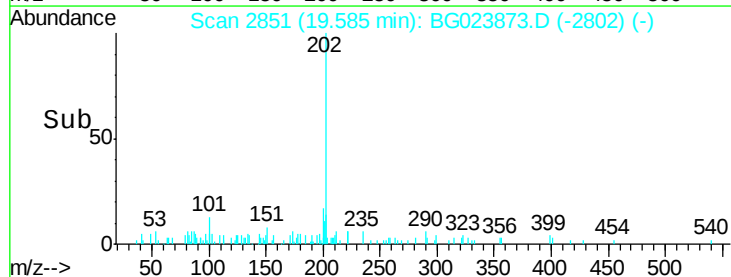
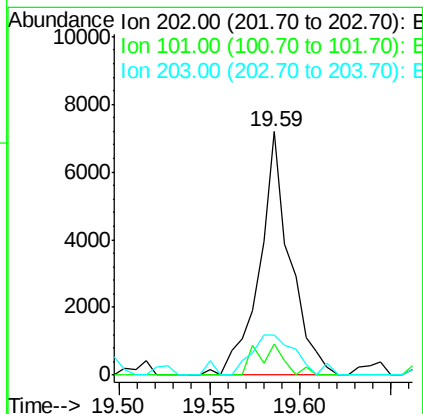
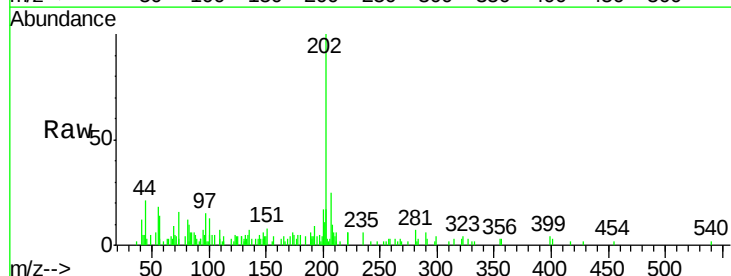
RT: 19.59 min Scan# 2851

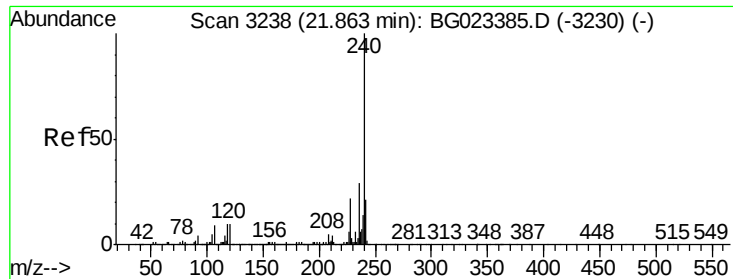
Delta R.T. -0.01 min

Lab File: BG023873.D

Acq: 24 Aug 2016 3:38

Tgt Ion:	202	Resp:	8431
Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	27.4
203	16.7	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: BG023873.D

Acq: 24 Aug 2016 3:38

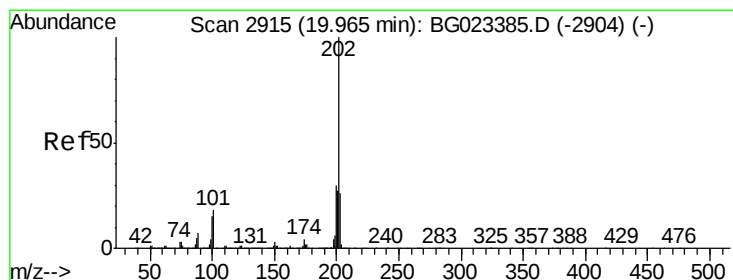
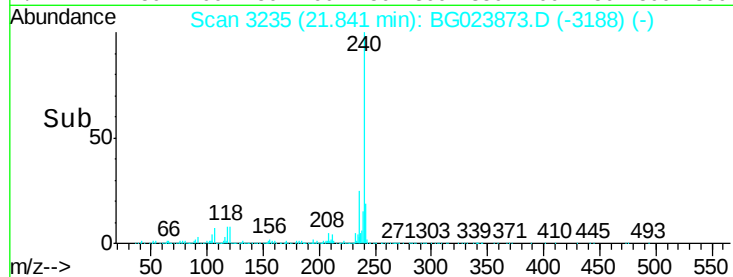
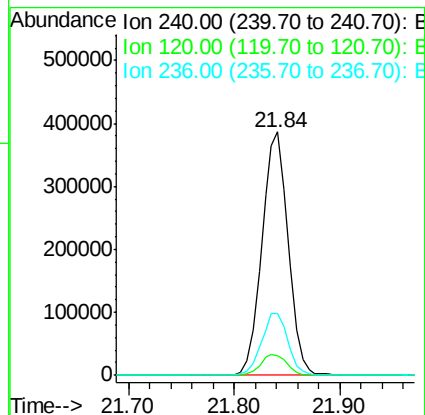
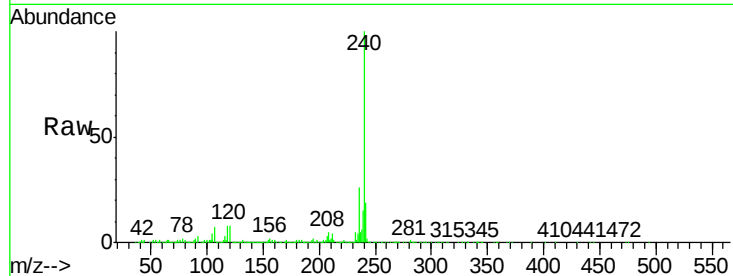
Instrument :

BNA_G

ClientSampleId :

P-2

Tgt Ion:240 Resp: 666675
 Ion Ratio Lower Upper
 240 100
 120 8.0 4.1 6.1#
 236 25.5 21.1 31.7



#77

Pyrene

Concen: Below Cal

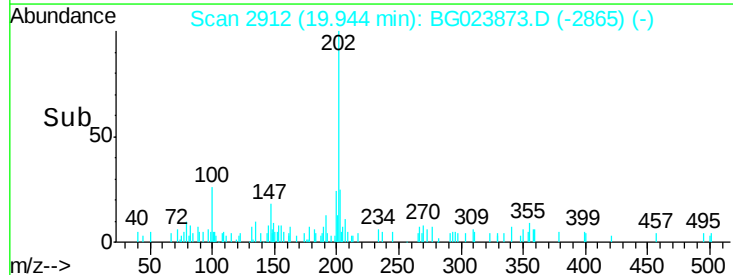
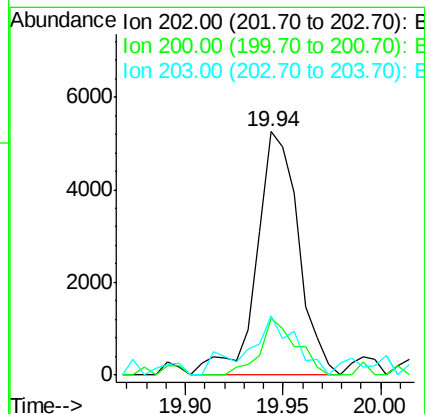
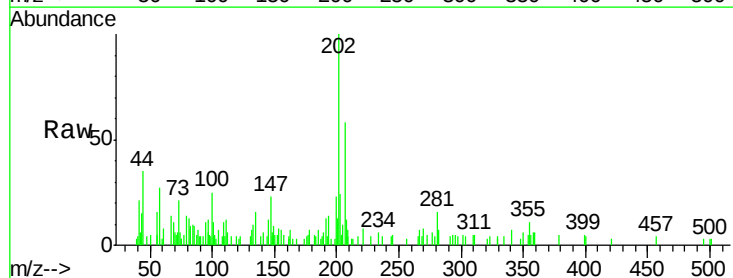
RT: 19.94 min Scan# 2912

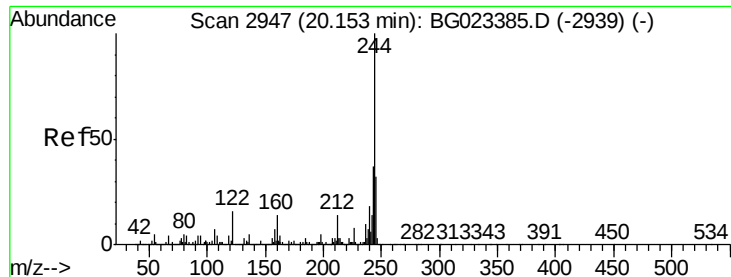
Delta R.T. -0.02 min

Lab File: BG023873.D

Acq: 24 Aug 2016 3:38

Tgt Ion:202 Resp: 7765
 Ion Ratio Lower Upper
 202 100
 200 23.1 21.2 31.8
 203 24.2 16.8 25.2





#78

Terphenyl-d14

Concen: 84.58 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG023873.D

Acq: 24 Aug 2016 3:38

Instrument :

BNA_G

ClientSampleId :

P-2

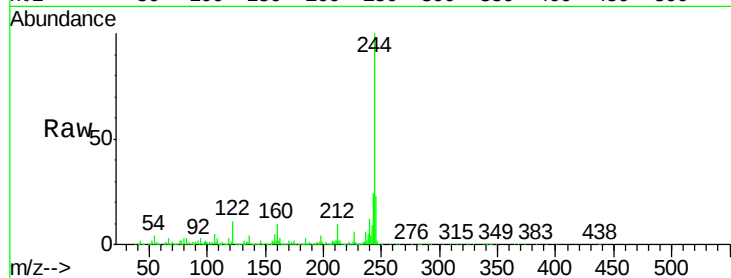
Tgt Ion:244 Resp: 1803800

Ion Ratio Lower Upper

244 100

212 9.9 10.8 16.2#

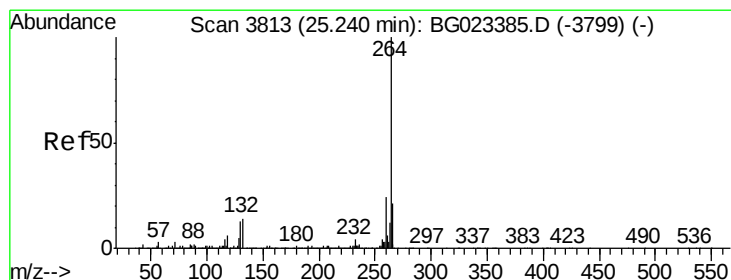
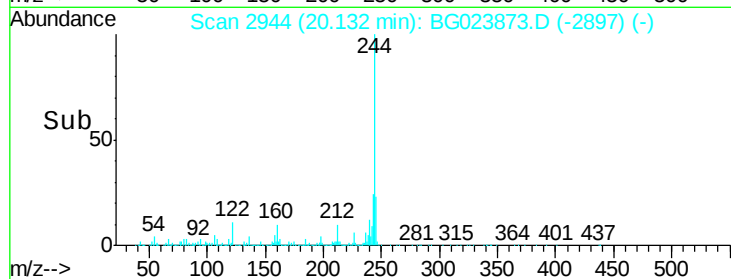
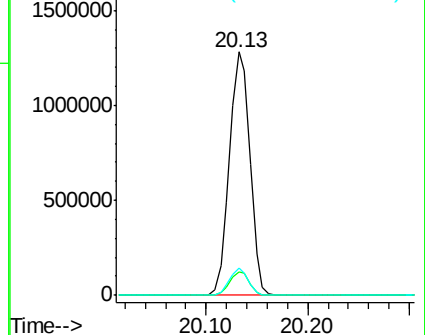
122 11.0 8.0 12.0



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: 25.21 min Scan# 3809

Delta R.T. -0.03 min

Lab File: BG023873.D

Acq: 24 Aug 2016 3:38

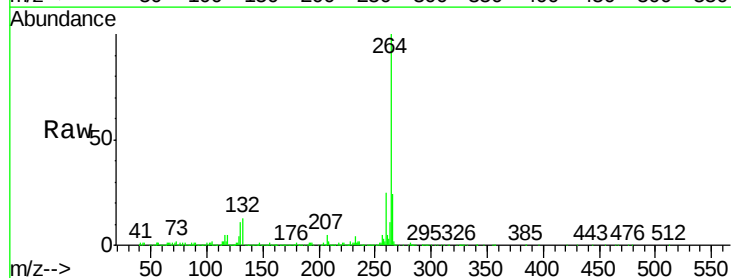
Tgt Ion:264 Resp: 655912

Ion Ratio Lower Upper

264 100

260 24.7 18.4 27.6

265 23.9 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

