

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081516\
 Data File : BG023720.D
 Acq On : 15 Aug 2016 14:05
 Operator : UM/SJ
 Sample : H4452-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 15 17:14:16 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	147033	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	649326	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	388897	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	701010	20.00	ng	0.00
75) Chrysene-d12	21.87	240	741724	20.00	ng	0.01
86) Perylene-d12	25.27	264	730556	20.00	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	1270217	145.42	ng	-0.01
7) Phenol-d6	7.27	99	1821671	133.90	ng	0.00
23) Nitrobenzene-d5	9.29	82	1297359	99.33	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	601621	105.76	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	2263365	98.16	ng	0.00
78) Terphenyl-d14	20.16	244	2207363	95.49	ng	0.00

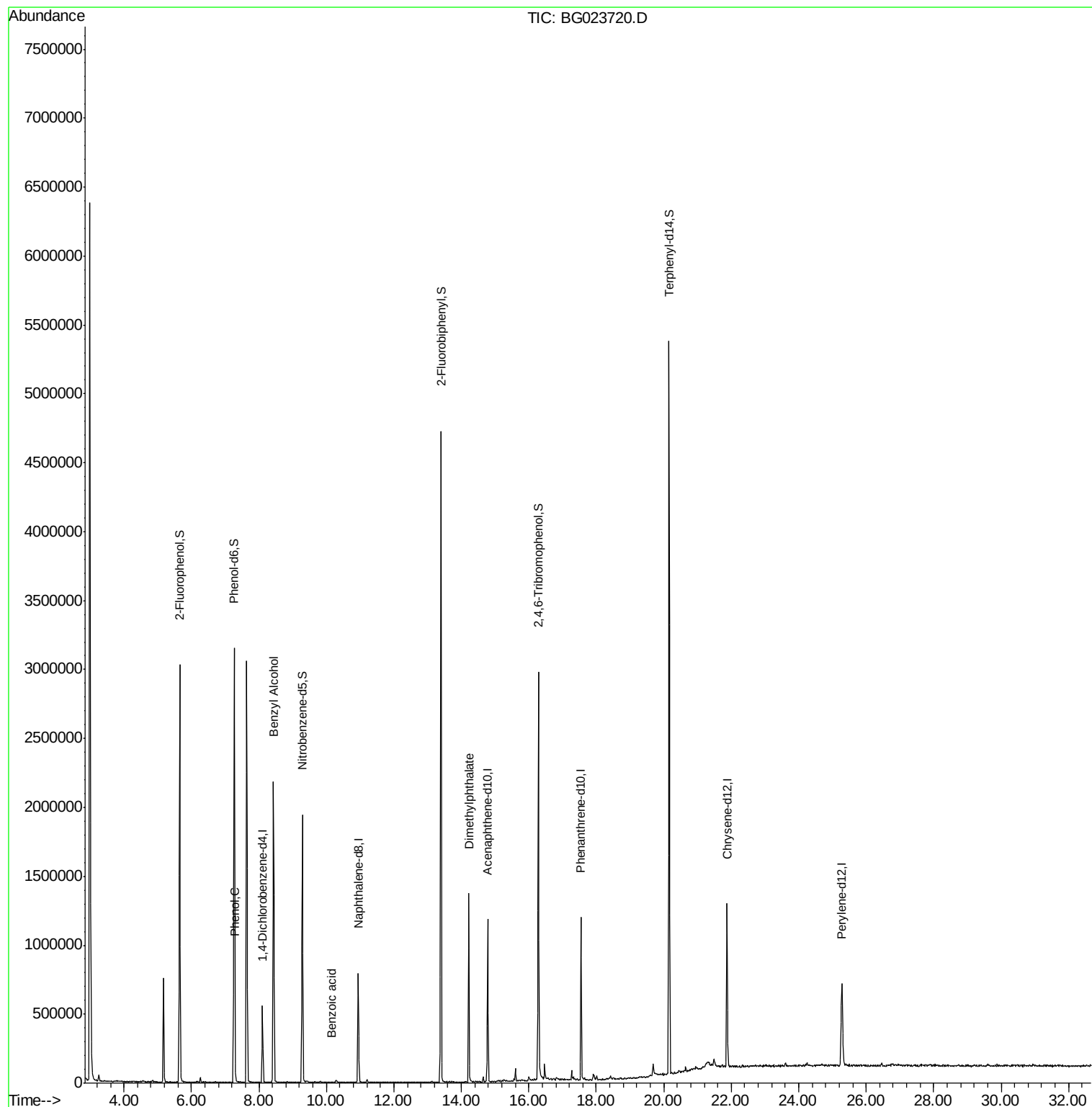
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.22	77	136	Below Cal	#	8
10) Phenol	7.29	94	29431	2.02	ng	91
15) Benzyl Alcohol	8.43	79	21458	2.08	ng	64
32) Benzoic acid	10.15	122	92	6.45	ng	36
49) Dimethylphthalate	14.22	163	882531	29.58	ng	99
73) Di-n-butylphthalate	18.50	149	7318	Below Cal	#	89
74) Fluoranthene	19.61	202	4127	Below Cal	#	91
77) Pyrene	19.97	202	4841	Below Cal	#	91

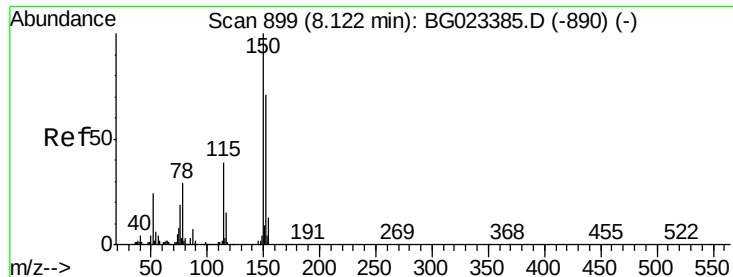
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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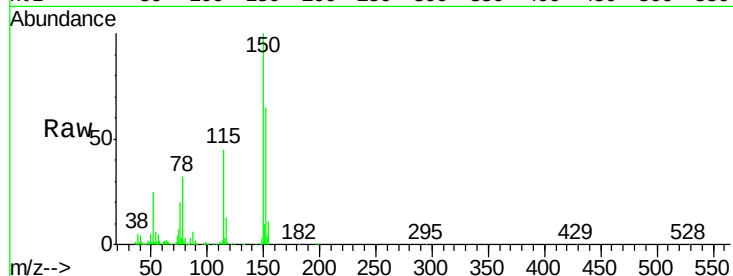


#1

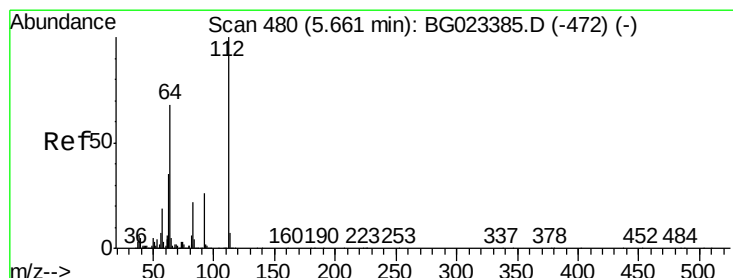
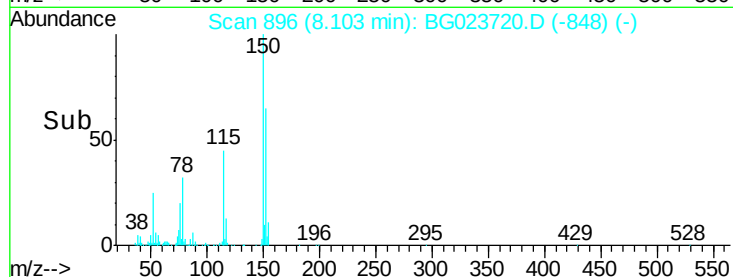
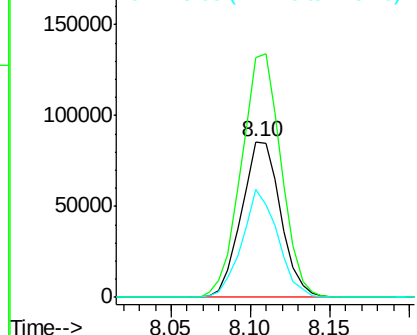
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.10 min Scan# 896
Delta R.T. -0.02 min
Lab File: BG023720.D
Acq: 15 Aug 2016 14:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	144.7	217.1
115	69.2	64.0	96.0



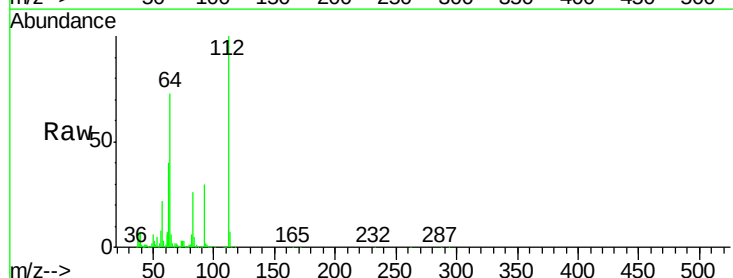
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



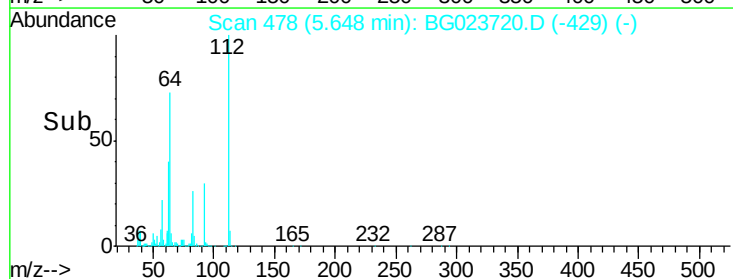
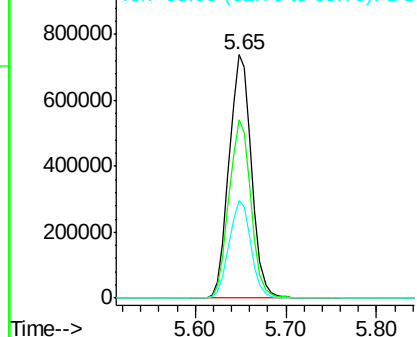
#5

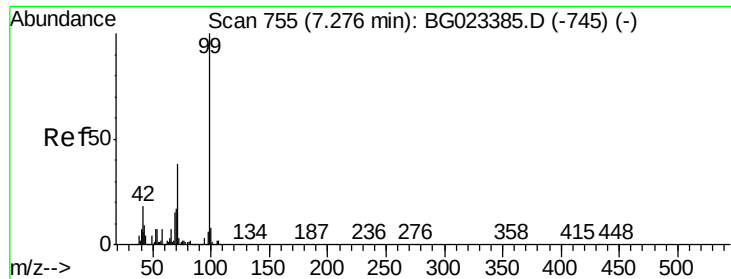
2-Fluorophenol
Concen: 145.42 ng
RT: 5.65 min Scan# 478
Delta R.T. -0.01 min
Lab File: BG023720.D
Acq: 15 Aug 2016 14:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.2	59.0	88.4
63	40.3	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: 133.90 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG023720.D

Acq: 15 Aug 2016 14:05

Instrument :

BNA_G

ClientSampled :

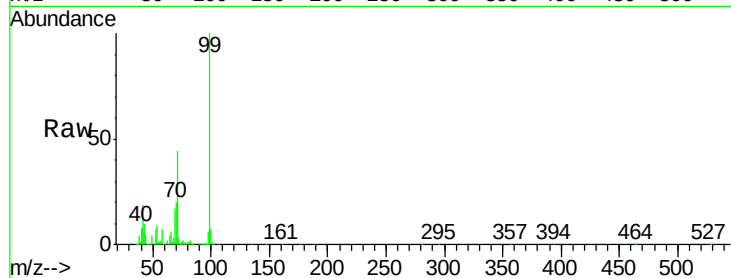
Tot Ion: 99 Resp: 1821671

Ion	Ratio	Lower	Upper
99	100		
42	19.4	17.8	26.6
71	43.7	41.5	62.3

99 100

42 19.4 17.8 26.6

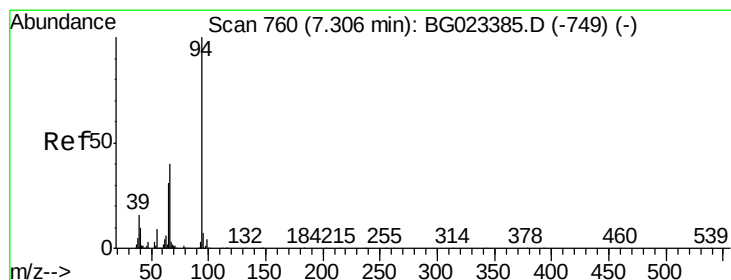
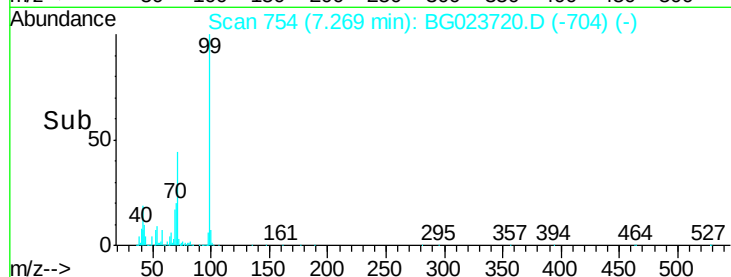
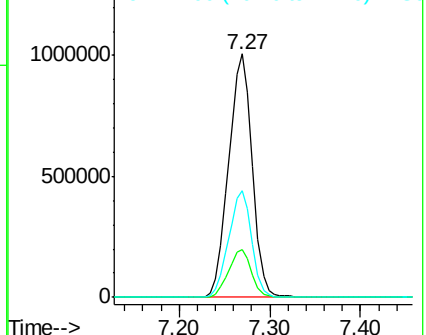
71 43.7 41.5 62.3



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: 2.02 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG023720.D

Acq: 15 Aug 2016 14:05

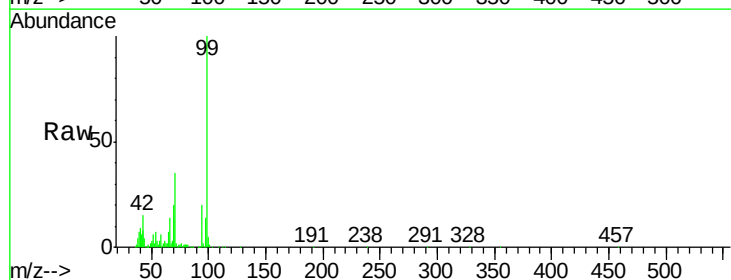
Tgt Ion: 94 Resp: 29431

Ion	Ratio	Lower	Upper
94	100		
65	37.7	18.1	58.1
66	72.7	42.1	82.1

94 100

65 37.7 18.1 58.1

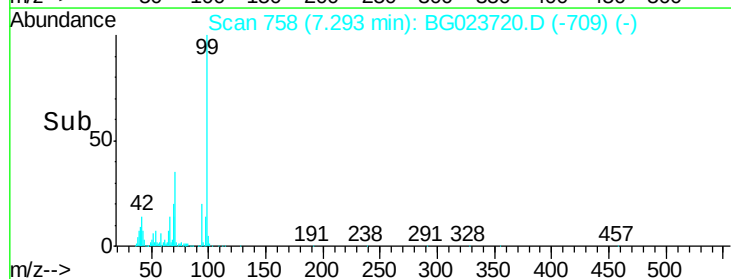
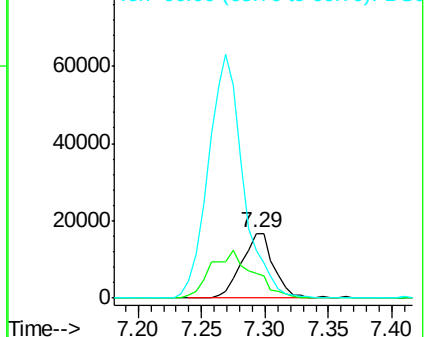
66 72.7 42.1 82.1

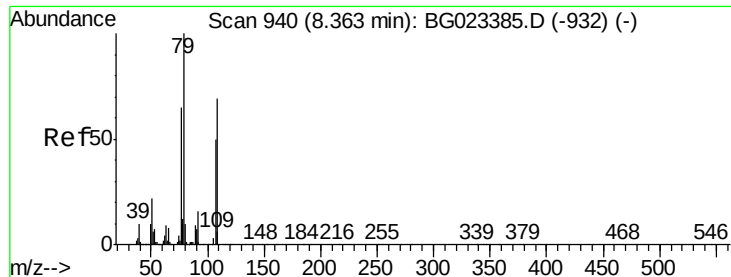


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 8.43 min Scan# 952

Delta R.T. 0.07 min

Lab File: BG023720.D

Acq: 15 Aug 2016 14:05

Instrument :

BNA_G

ClientSampleId :

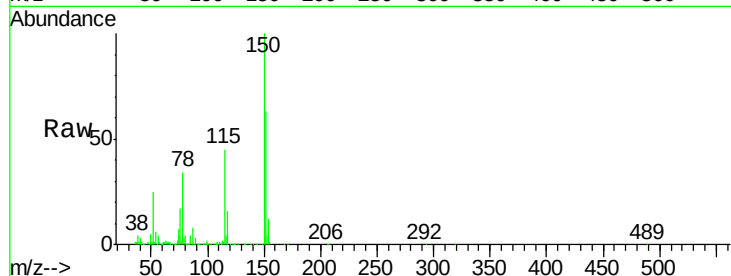
Tot Ion: 79 Resp: 21458

Ion Ratio Lower Upper

79 100

108 25.0 46.5 69.7#

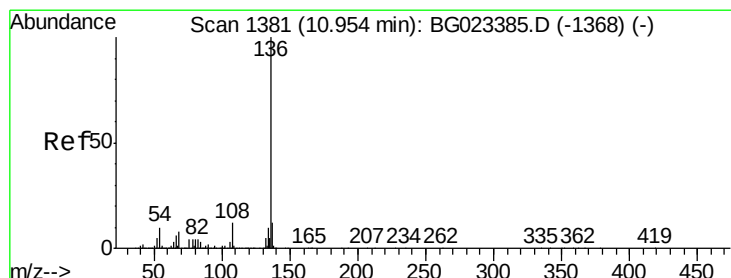
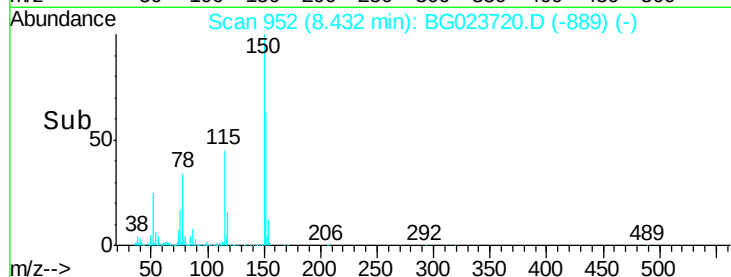
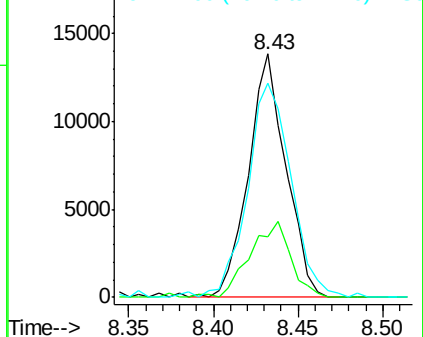
77 88.1 52.3 78.5#



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: 10.94 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BG023720.D

Acq: 15 Aug 2016 14:05

Tgt Ion: 136 Resp: 649326

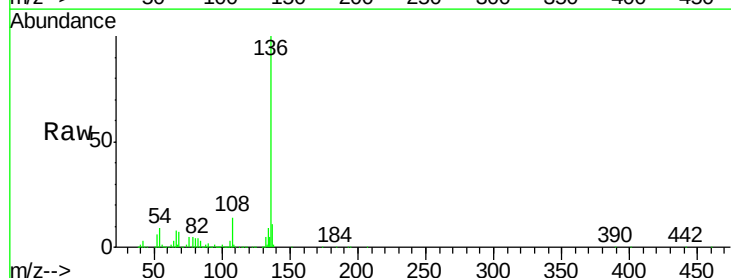
Ion Ratio Lower Upper

136 100

137 11.2 9.6 14.4

54 9.3 7.3 10.9

68 7.2 5.3 7.9

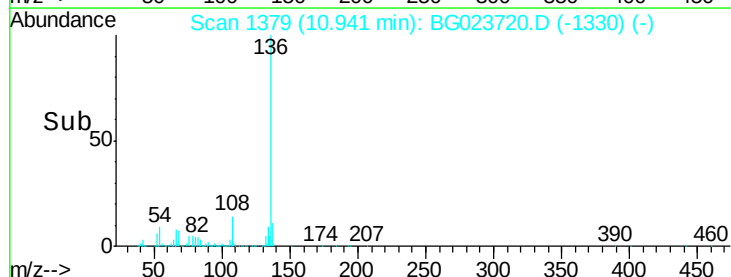
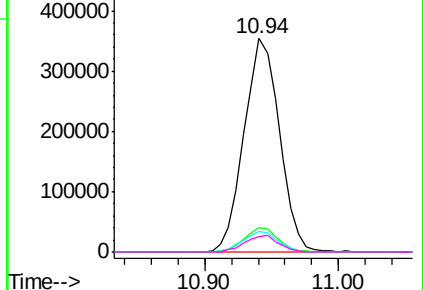


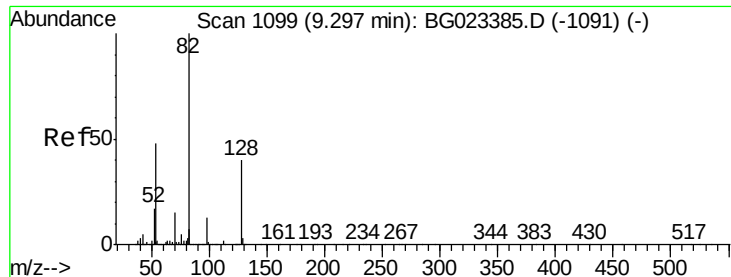
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

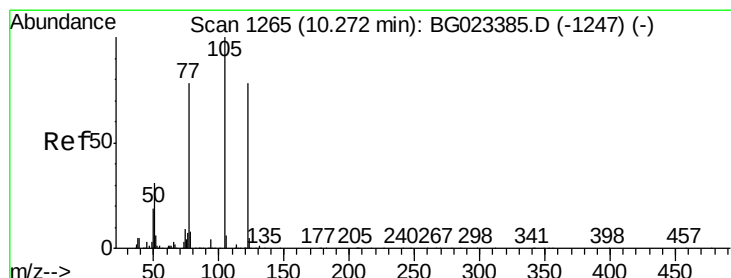
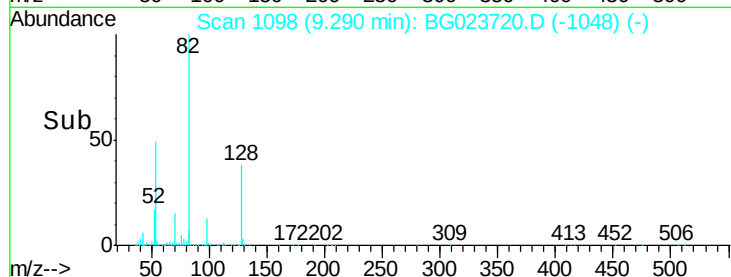
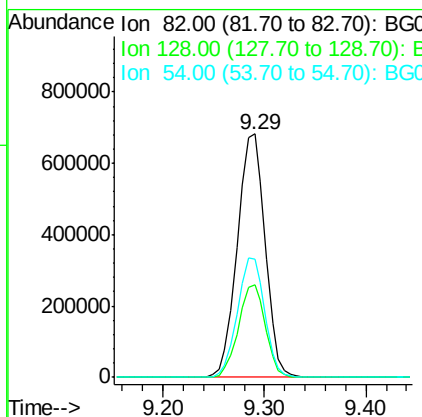
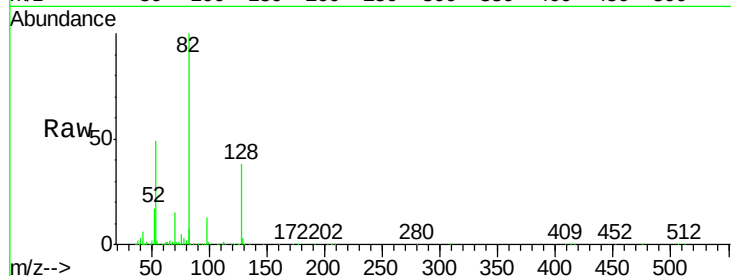




#23
 Nitrobenzene-d5
 Concen: 99.33 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BG023720.D
 Acq: 15 Aug 2016 14:05

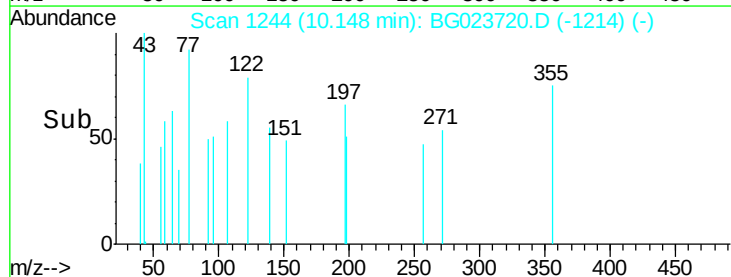
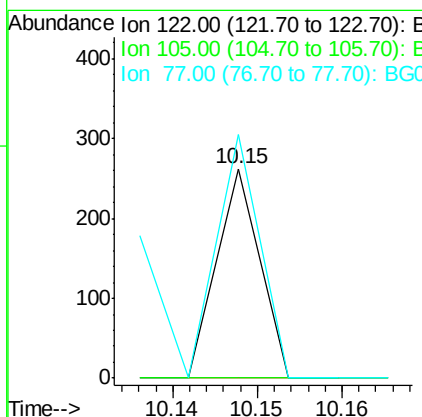
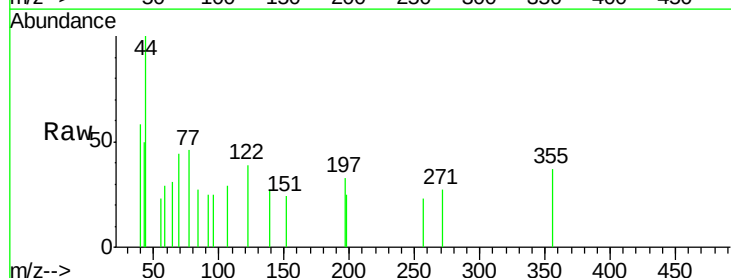
Instrument :
 BNA_G
 ClientSampleId :

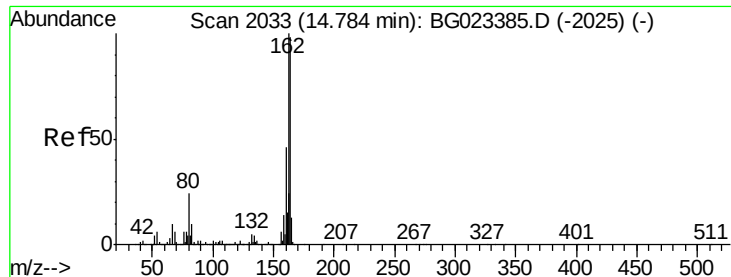
Tot Ion: 82 Resp: 1297359
 Ion Ratio Lower Upper
 82 100
 128 38.2 24.4 36.6#
 54 48.7 41.4 62.0



#32
 Benzoic acid
 Concen: 6.45 ng
 RT: 10.15 min Scan# 1244
 Delta R.T. -0.12 min
 Lab File: BG023720.D
 Acq: 15 Aug 2016 14:05

Tgt Ion: 122 Resp: 92
 Ion Ratio Lower Upper
 122 100
 105 0.0 117.2 157.2#
 77 116.4 109.2 149.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.78 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG023720.D

Acq: 15 Aug 2016 14:05

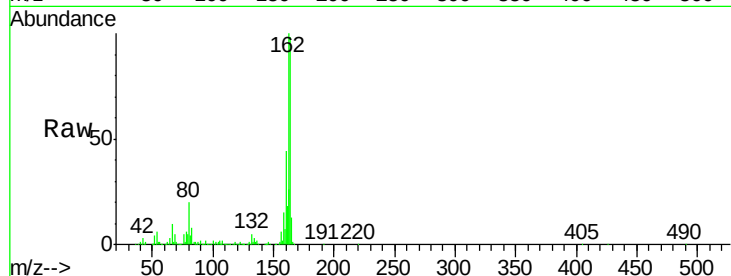
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 388897

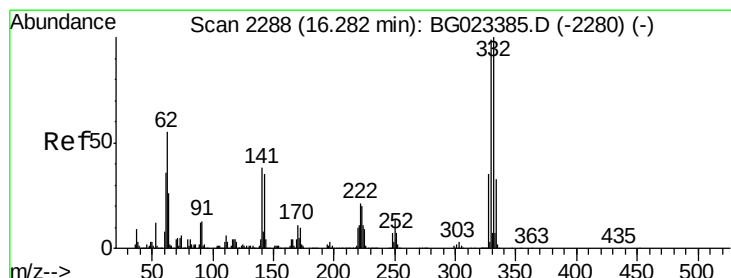
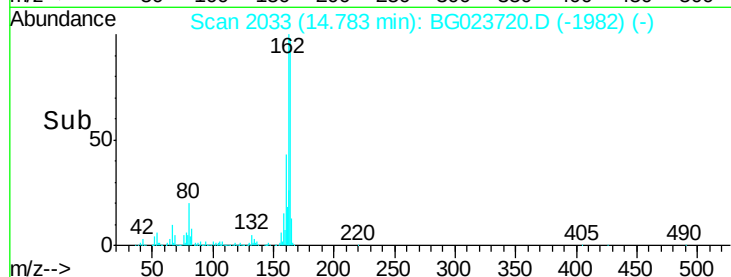
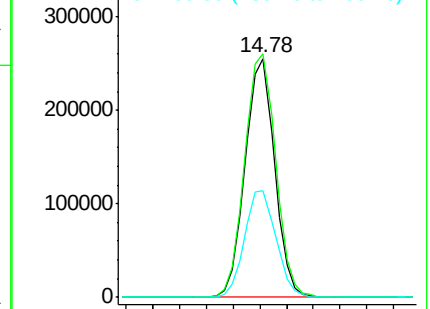
Ion	Ratio	Lower	Upper
164	100		
162	102.1	87.7	131.5
160	44.6	37.2	55.8



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: 105.76 ng

RT: 16.29 min Scan# 2289

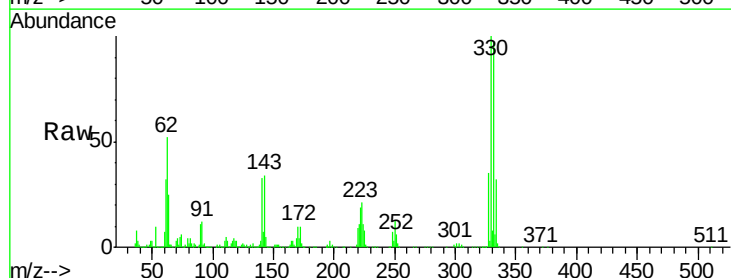
Delta R.T. 0.00 min

Lab File: BG023720.D

Acq: 15 Aug 2016 14:05

Tgt Ion:330 Resp: 601621

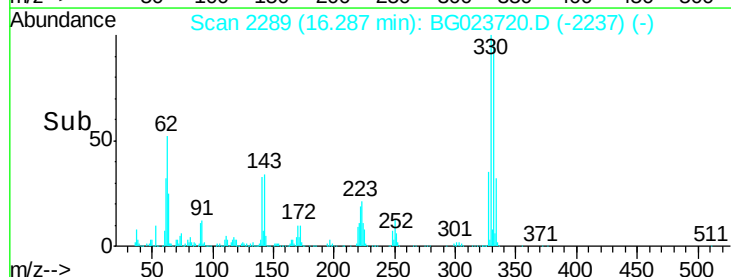
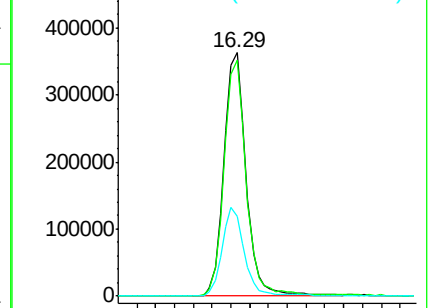
Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.2
141	36.1	31.7	47.5

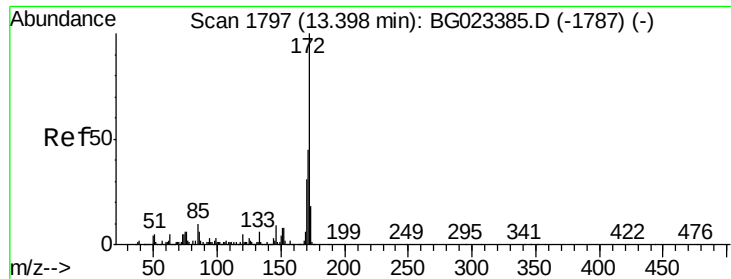


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

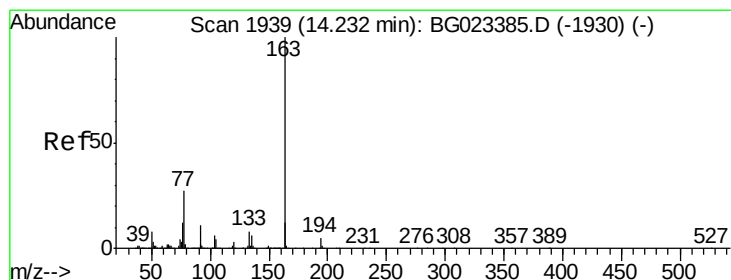
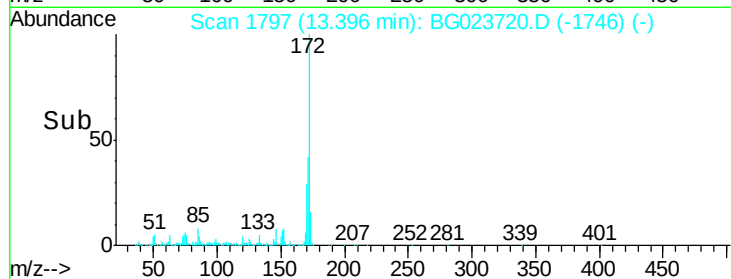
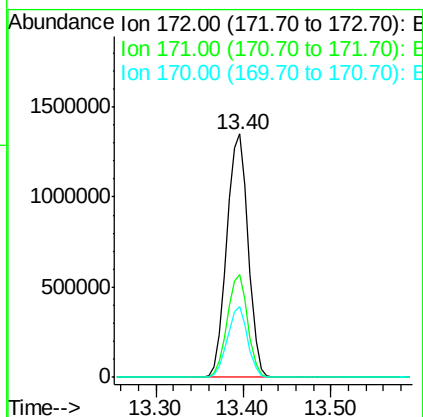
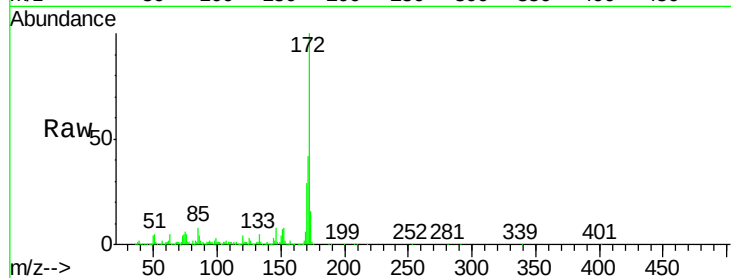




#44
2-Fluorobiphenyl
Concen: 98.16 ng
RT: 13.40 min Scan# 1797
Delta R.T. -0.00 min
Lab File: BG023720.D
Acq: 15 Aug 2016 14:05

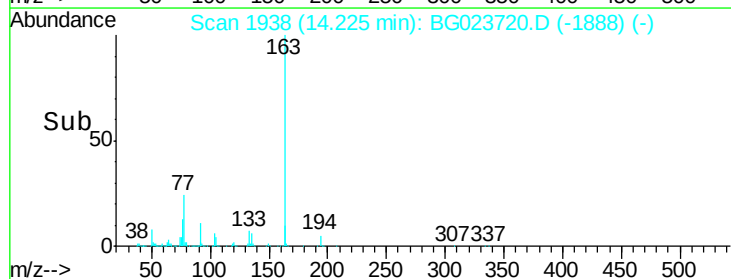
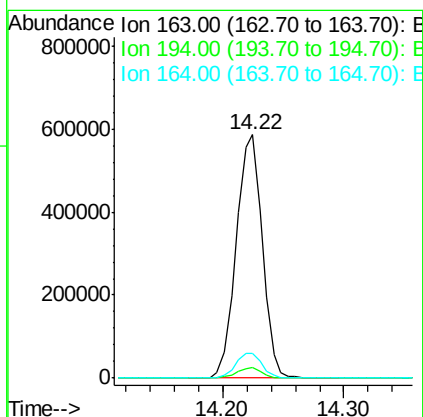
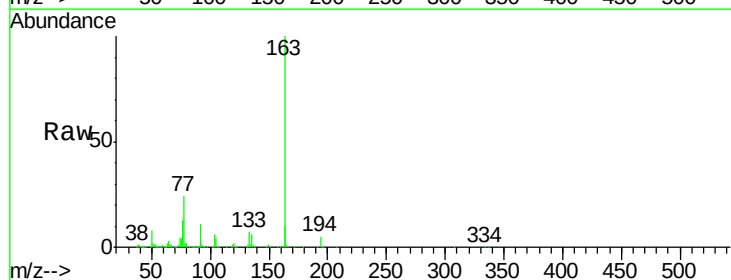
Instrument :
BNA_G
ClientSampleId :

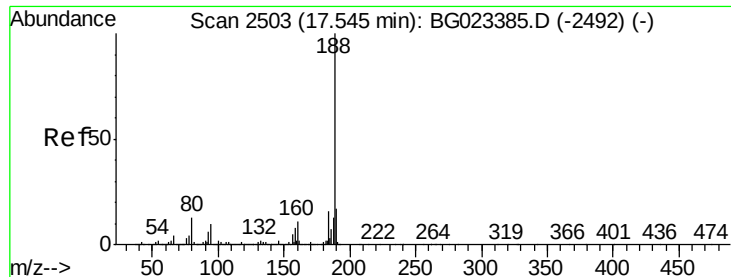
Tot Ion:172 Resp: 2263365
Ion Ratio Lower Upper
172 100
171 42.2 31.6 47.4
170 29.0 21.3 31.9



#49
Dimethylphthalate
Concen: 29.58 ng
RT: 14.22 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG023720.D
Acq: 15 Aug 2016 14:05

Tgt Ion:163 Resp: 882531
Ion Ratio Lower Upper
163 100
194 4.6 3.6 5.4
164 10.4 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. 0.00 min

Lab File: BG023720.D

Acq: 15 Aug 2016 14:05

Instrument :

BNA_G

ClientSampleId :

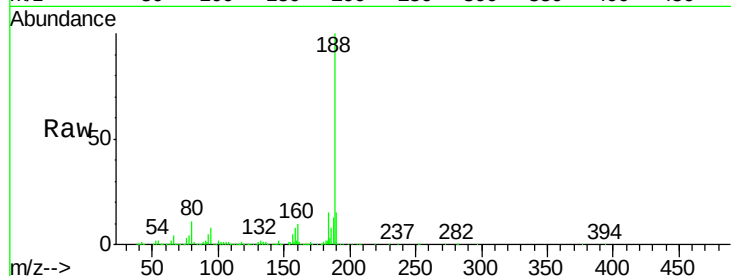
Tot Ion:188 Resp: 701010

Ion Ratio Lower Upper

188 100

94 8.0 5.2 7.8#

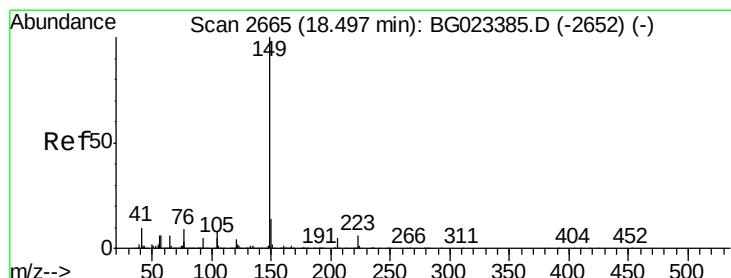
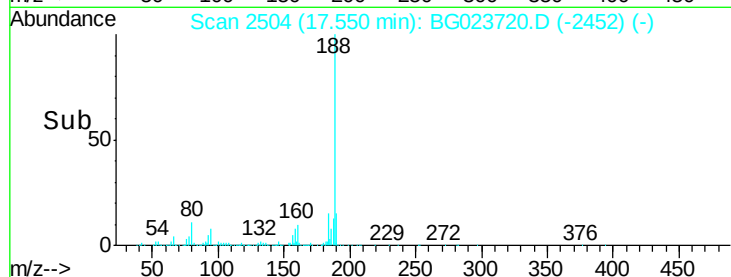
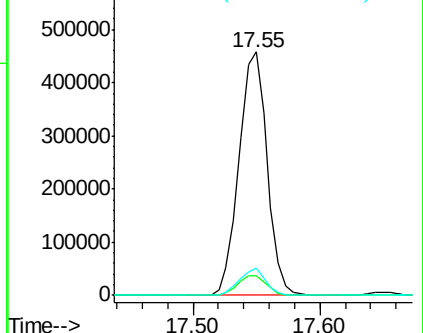
80 11.0 7.2 10.8#



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: 18.50 min Scan# 2665

Delta R.T. -0.00 min

Lab File: BG023720.D

Acq: 15 Aug 2016 14:05

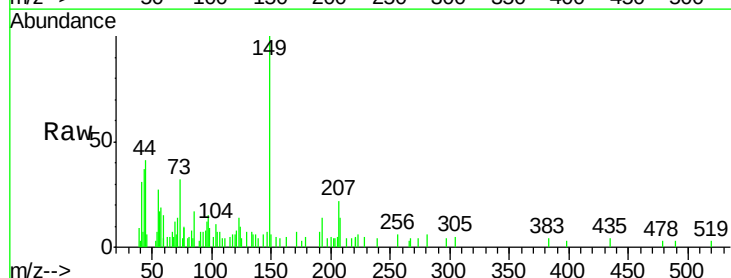
Tgt Ion:149 Resp: 7318

Ion Ratio Lower Upper

149 100

150 6.2 9.1 13.7#

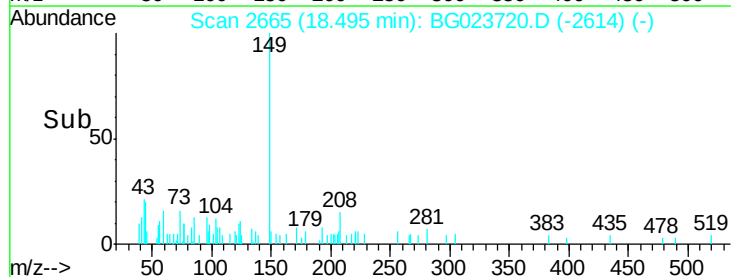
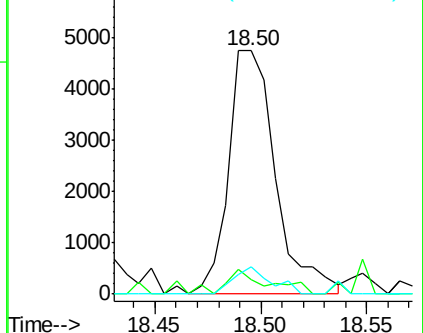
104 11.5 6.9 10.3#

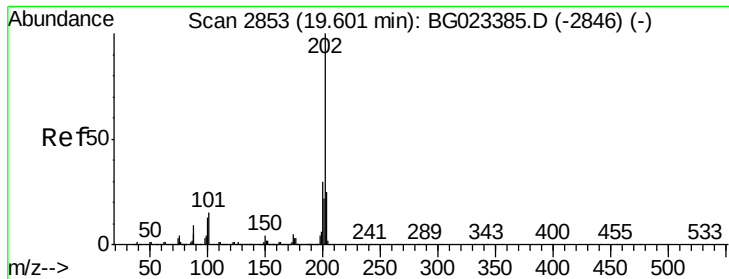


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: Below Cal

RT: 19.61 min Scan# 2855

Delta R.T. 0.01 min

Lab File: BG023720.D

Acq: 15 Aug 2016 14:05

Instrument :

BNA_G

ClientSampleId :

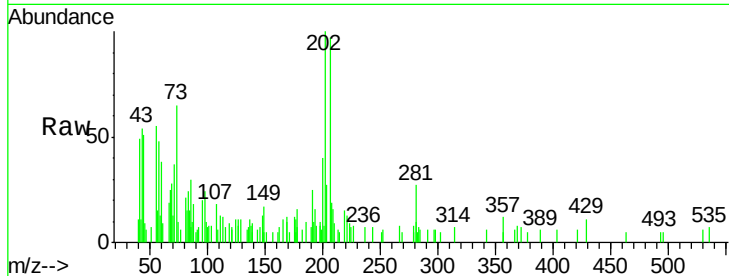
Tot Ion:202 Resp: 4127

Ion Ratio Lower Upper

202 100

101 8.0 0.0 27.4

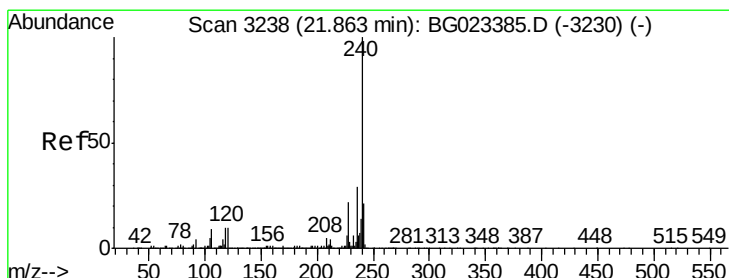
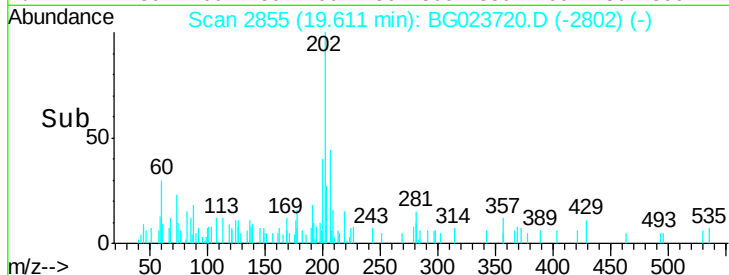
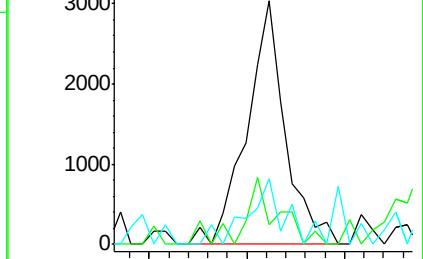
203 27.2 1.7 41.7



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: 21.87 min Scan# 3240

Delta R.T. 0.01 min

Lab File: BG023720.D

Acq: 15 Aug 2016 14:05

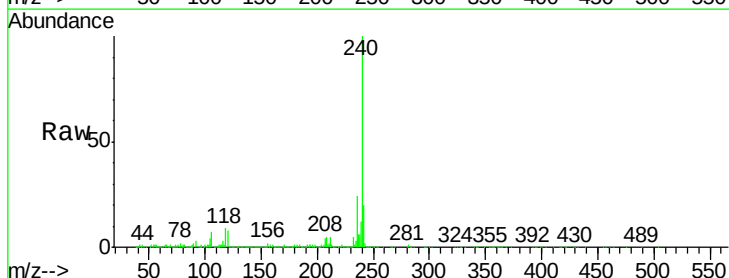
Tgt Ion:240 Resp: 741724

Ion Ratio Lower Upper

240 100

120 8.5 4.1 6.1#

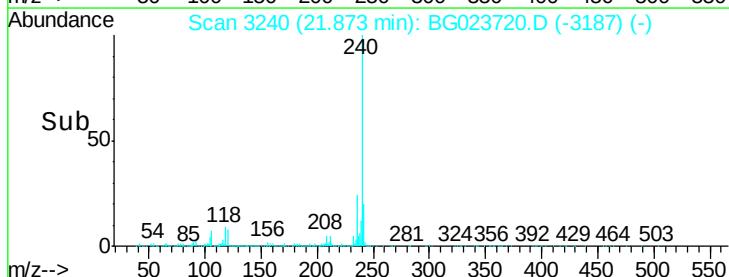
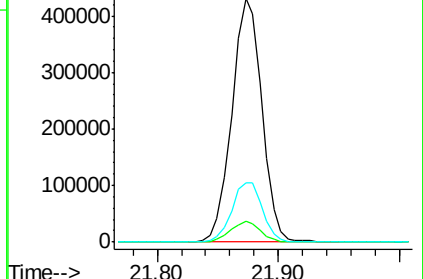
236 24.3 21.1 31.7

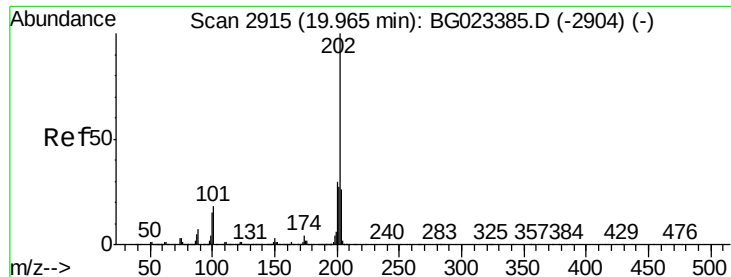


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

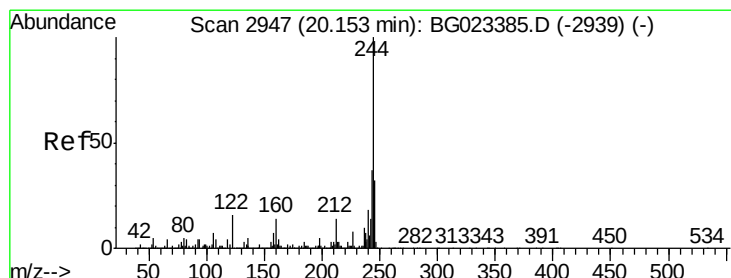
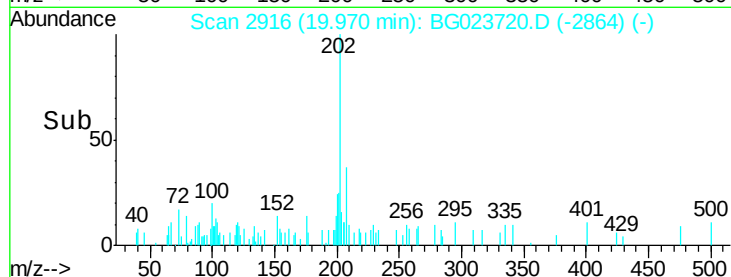
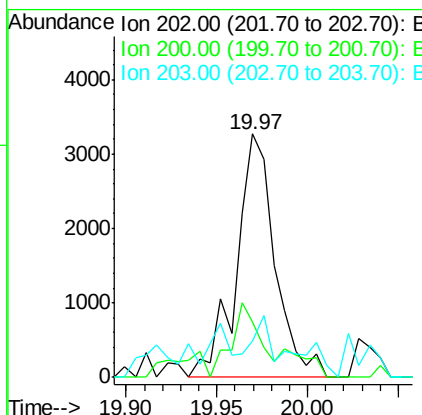
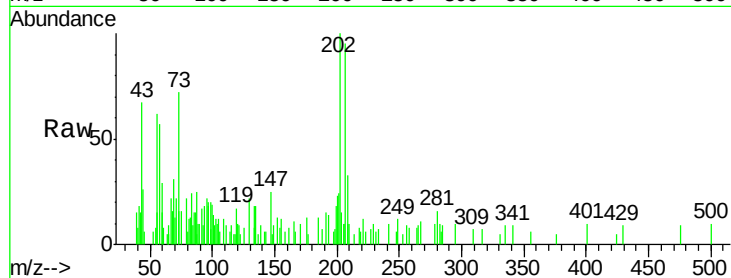




#77
Pvrene
Concen: Below Cal
RT: 19.97 min Scan# 2916
Delta R.T. 0.00 min
Lab File: BG023720.D
Acq: 15 Aug 2016 14:05

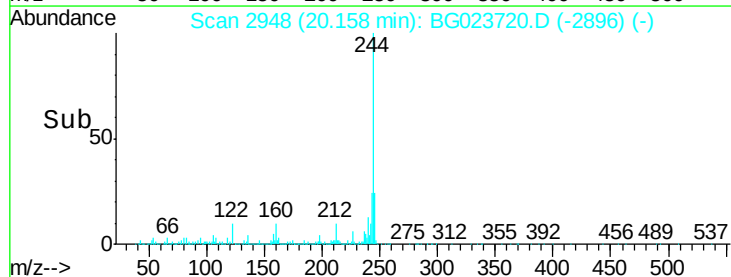
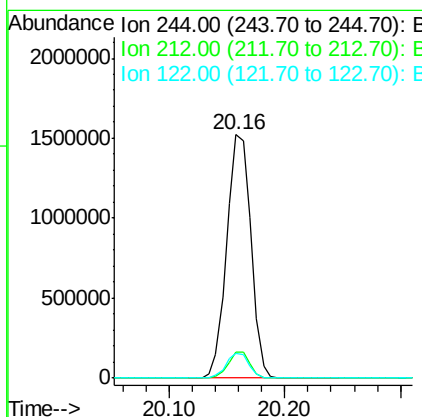
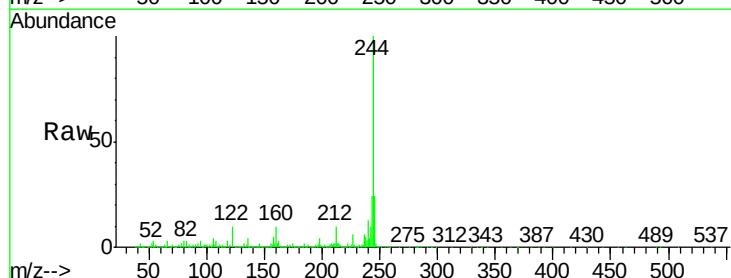
Instrument :
BNA_G
ClientSampleId :

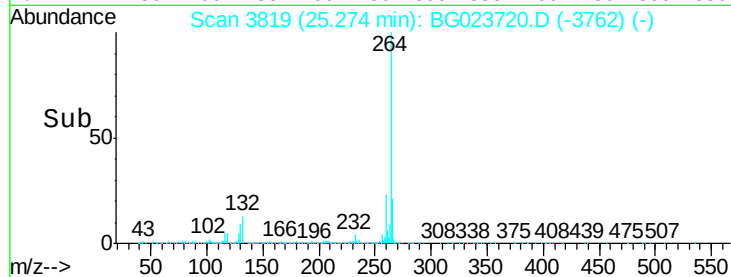
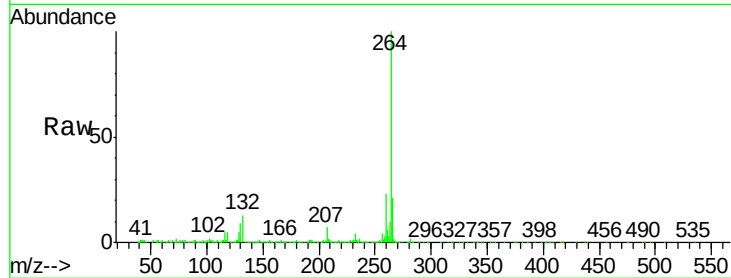
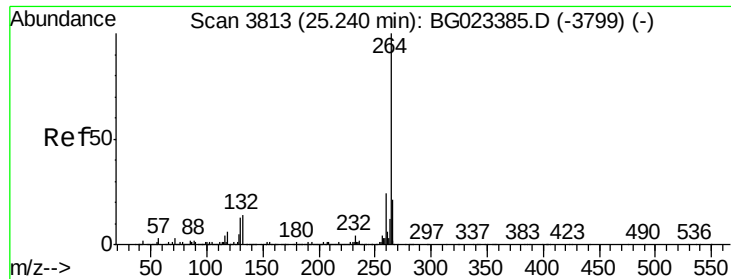
Tot Ion:202 Resp: 4841
Ion Ratio Lower Upper
202 100
200 23.0 21.2 31.8
203 15.1 16.8 25.2#



#78
Terphenyl-d14
Concen: 95.49 ng
RT: 20.16 min Scan# 2948
Delta R.T. 0.00 min
Lab File: BG023720.D
Acq: 15 Aug 2016 14:05

Tgt Ion:244 Resp: 2207363
Ion Ratio Lower Upper
244 100
212 10.4 10.8 16.2#
122 10.4 8.0 12.0





#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.27 min Scan# 3819

Delta R.T. 0.03 min

Lab File: BG023720.D

Acq: 15 Aug 2016 14:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 730556

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

265 20.9 18.9 28.3

