

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080216\
 Data File : BG023410.D
 Acq On : 3 Aug 2016 00:21
 Operator : UM/SJ
 Sample : H4288-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-64-14.0-15.0

Quant Time: Aug 03 02:29:59 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

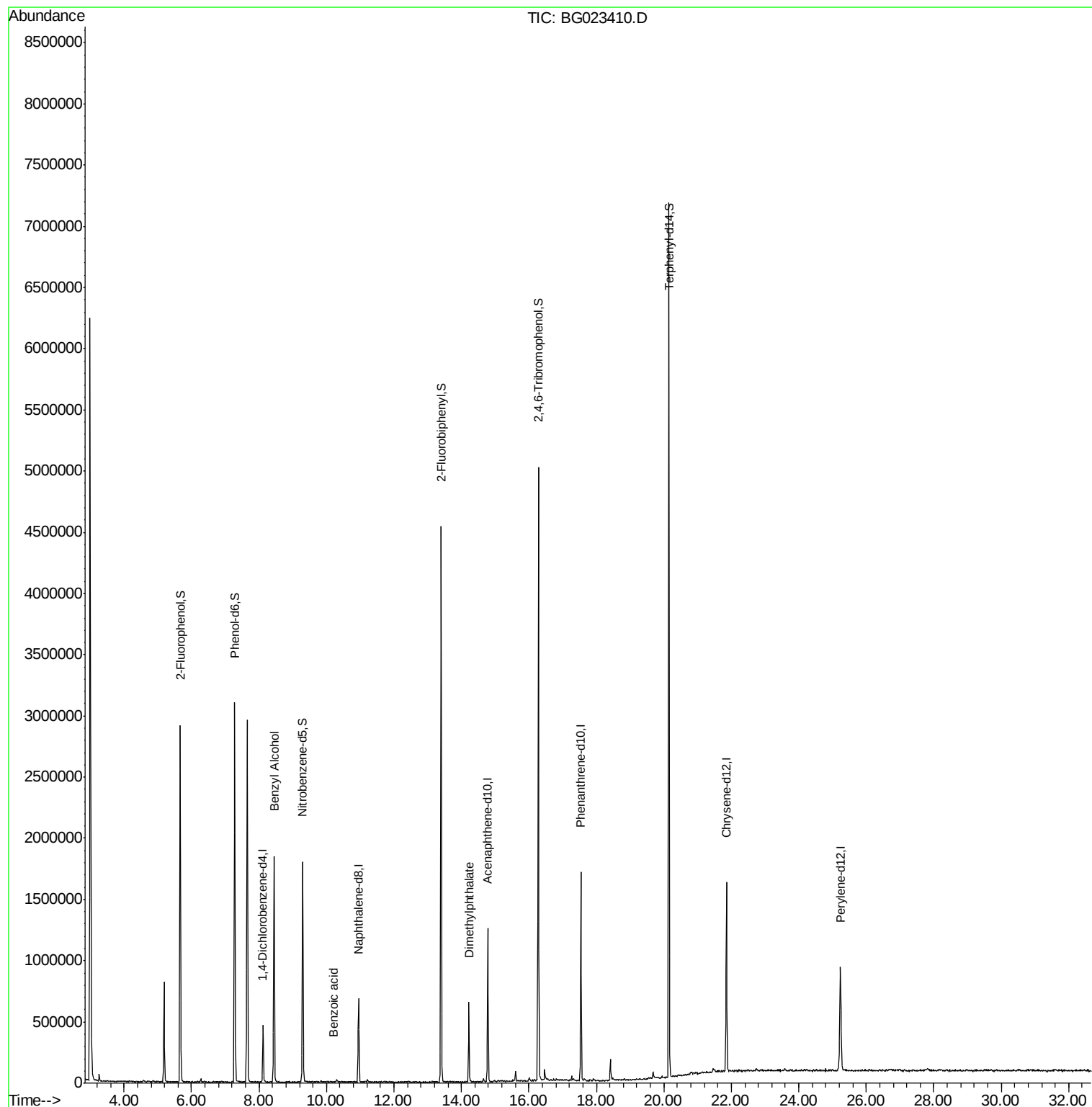
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	125796	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	574891	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	418900	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	1006397	20.00	ng	0.00
75) Chrysene-d12	21.85	240	932566	20.00	ng	0.00
86) Perylene-d12	25.23	264	958005	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	1196202	160.06	ng	0.00
7) Phenol-d6	7.28	99	1803055	154.90	ng	0.00
23) Nitrobenzene-d5	9.29	82	1171788	101.33	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	967319	157.87	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	2284116	91.97	ng	0.00
78) Terphenyl-d14	20.15	244	2699277	92.20	ng	0.00
Target Compounds						
9) Benzaldehyde	7.19	77	142	Below Cal		Qvalue 96
15) Benzyl Alcohol	8.45	79	19606	2.22 ng	#	63
32) Benzoic acid	10.21	122	185	6.46 ng	#	29
49) Dimethylphthalate	14.22	163	405332	12.61 ng		100
73) Di-n-butylphthalate	18.49	149	7890	Below Cal		95
74) Fluoranthene	19.60	202	4505	Below Cal		82
77) Pyrene	19.97	202	3126	Below Cal	#	70

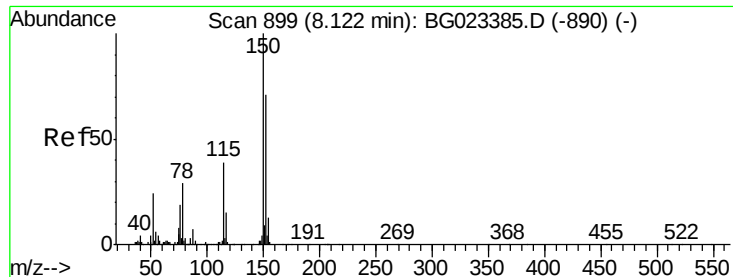
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG023410.D

Acq: 3 Aug 2016 00:21

Instrument :

BNA_G

ClientSampleId :

SB-64-14.0-15.0

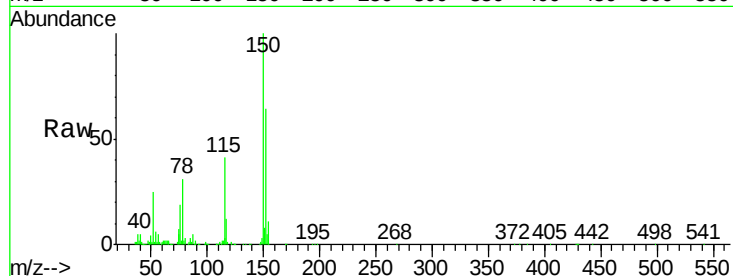
Tgt Ion:152 Resp: 125796

Ion Ratio Lower Upper

152 100

150 155.3 144.7 217.1

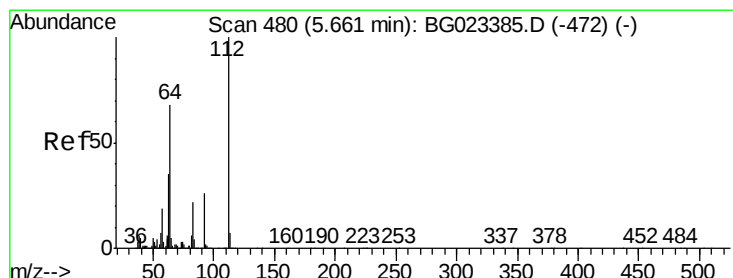
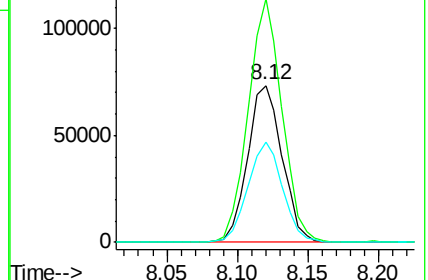
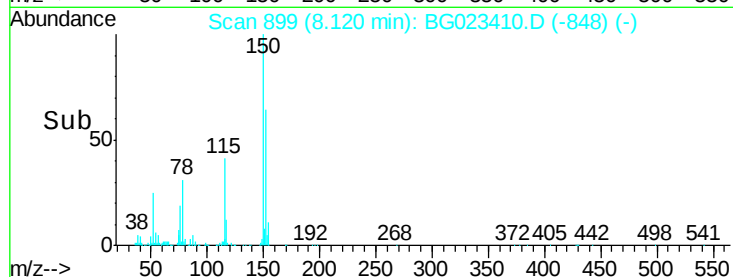
115 64.1 64.0 96.0



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: 160.06 ng

RT: 5.66 min Scan# 481

Delta R.T. 0.00 min

Lab File: BG023410.D

Acq: 3 Aug 2016 00:21

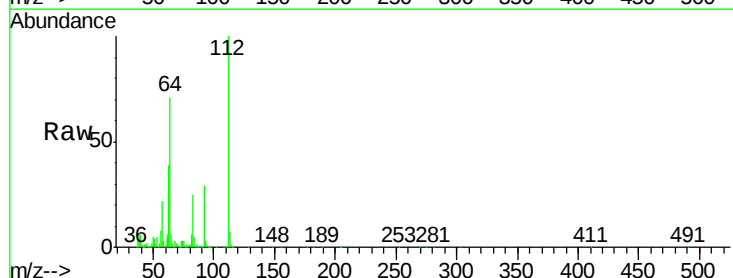
Tgt Ion:112 Resp: 1196202

Ion Ratio Lower Upper

112 100

64 70.8 59.0 88.4

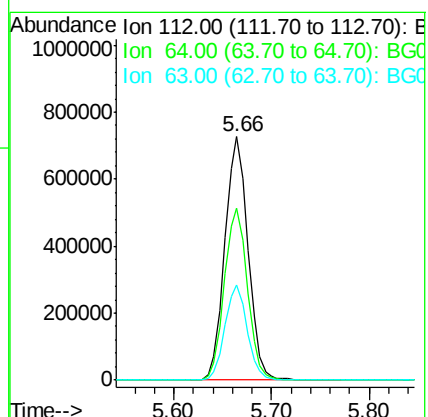
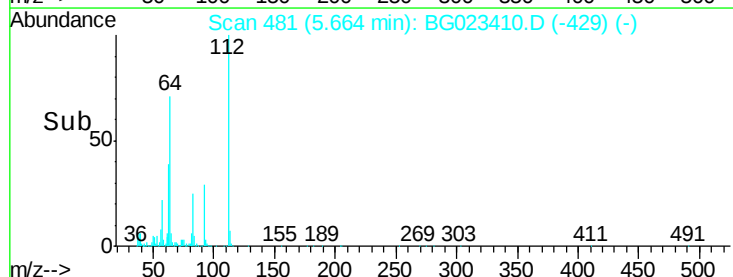
63 39.1 37.8 56.8

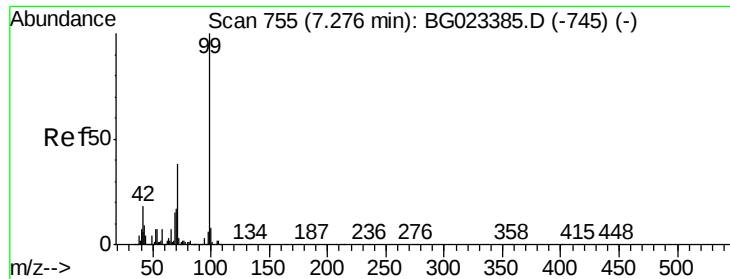


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 154.90 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG023410.D

Acq: 3 Aug 2016 00:21

Instrument :

BNA_G

ClientSampleId :

SB-64-14.0-15.0

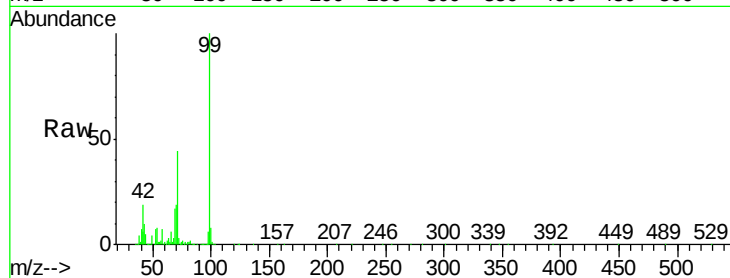
Tgt Ion: 99 Resp: 1803055

Ion Ratio Lower Upper

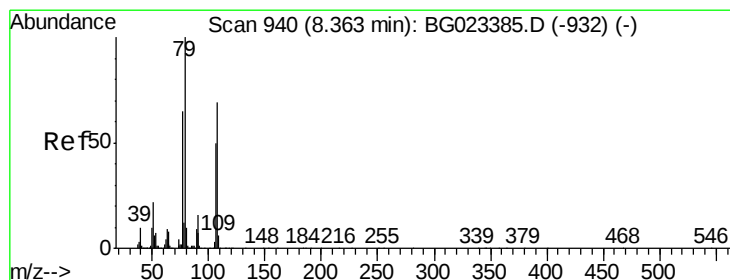
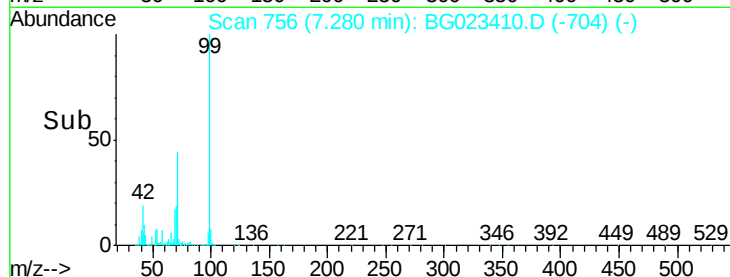
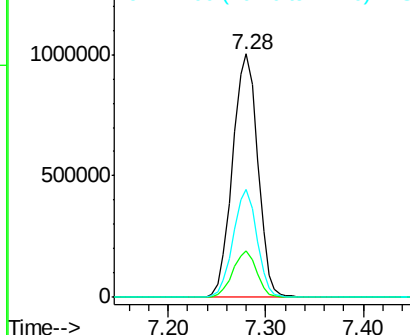
99 100

42 18.9 17.8 26.6

71 44.2 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: 2.22 ng

RT: 8.45 min Scan# 955

Delta R.T. 0.09 min

Lab File: BG023410.D

Acq: 3 Aug 2016 00:21

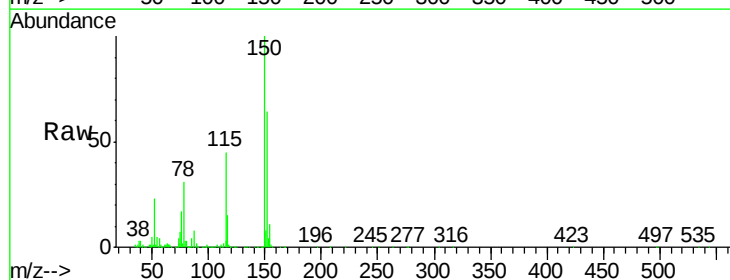
Tgt Ion: 79 Resp: 19606

Ion Ratio Lower Upper

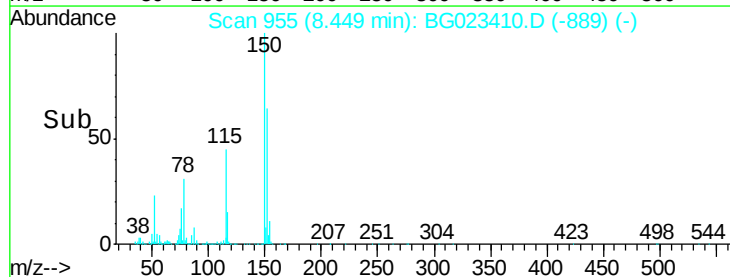
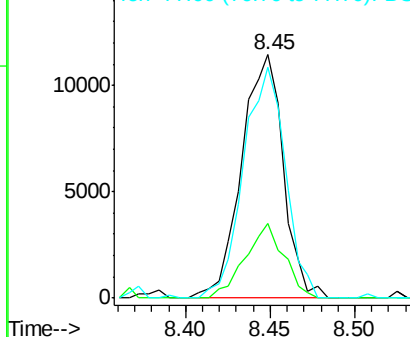
79 100

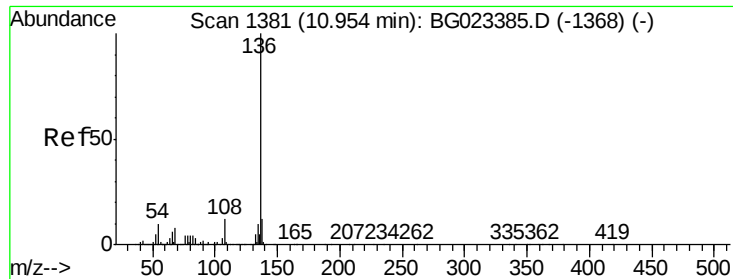
108 30.6 46.5 69.7#

77 94.6 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

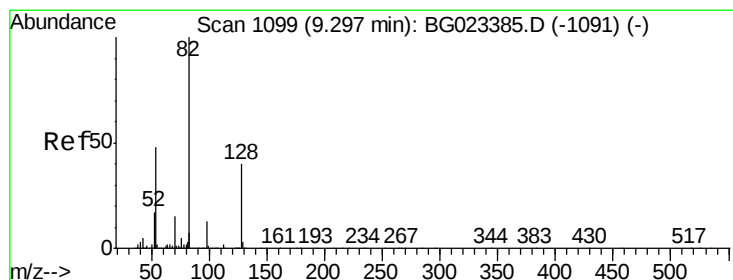
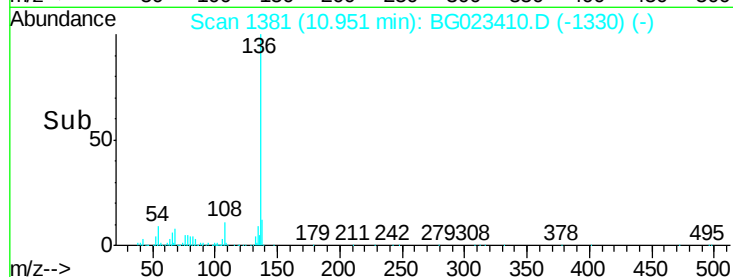
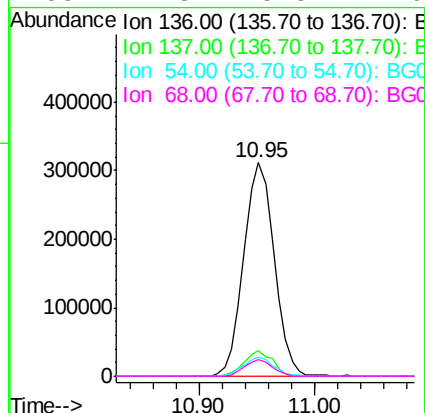
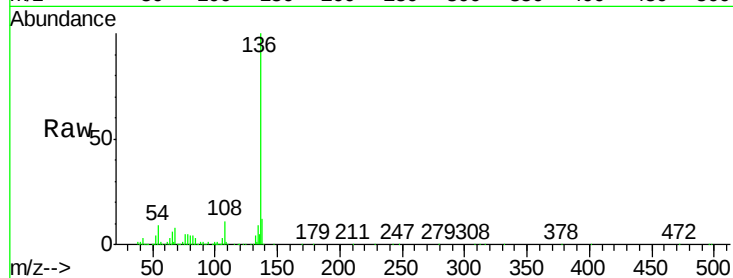




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG023410.D
Acq: 3 Aug 2016 00:21

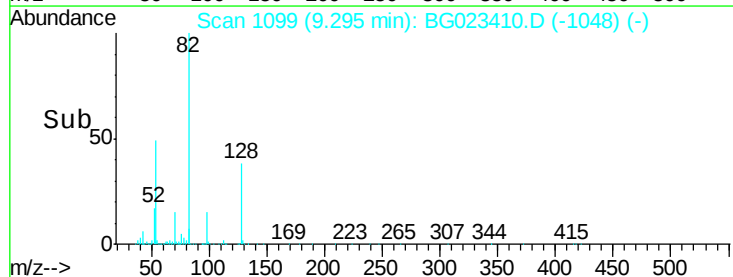
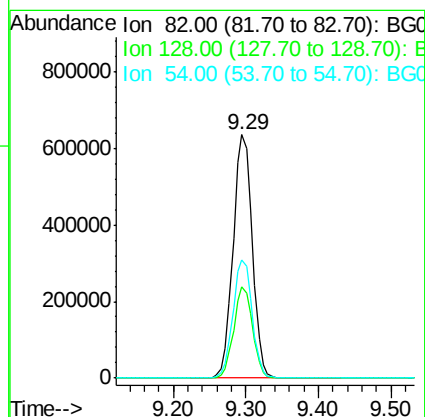
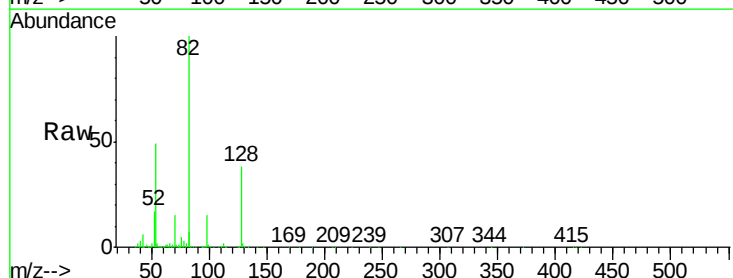
Instrument :
BNA_G
ClientSampleId :
SB-64-14.0-15.0

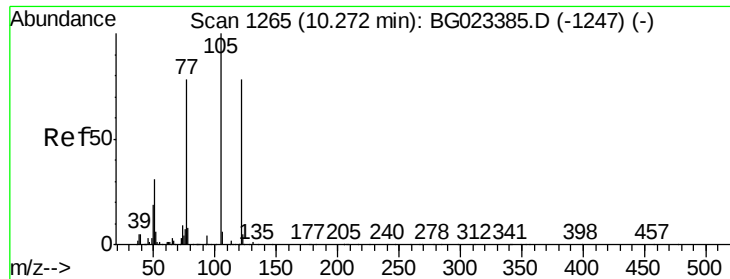
Tgt Ion:	136	Resp:	574891
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	9.1	7.3	10.9
68	7.8	5.3	7.9



#23
Nitrobenzene-d5
Concen: 101.33 ng
RT: 9.29 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BG023410.D
Acq: 3 Aug 2016 00:21

Tgt Ion:	82	Resp:	1171788
Ion	Ratio	Lower	Upper
82	100		
128	37.5	24.4	36.6#
54	48.7	41.4	62.0





#32

Benzoic acid

Concen: 6.46 ng

RT: 10.21 min Scan# 1255

Delta R.T. -0.06 min

Lab File: BG023410.D

Acq: 3 Aug 2016 00:21

Instrument :

BNA_G

ClientSampleId :

SB-64-14.0-15.0

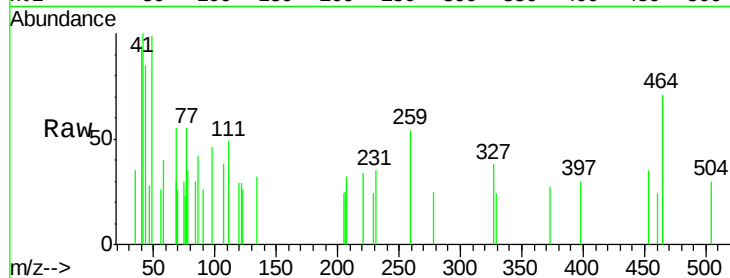
Tgt Ion:122 Resp: 185

Ion Ratio Lower Upper

122 100

105 0.0 117.2 157.2#

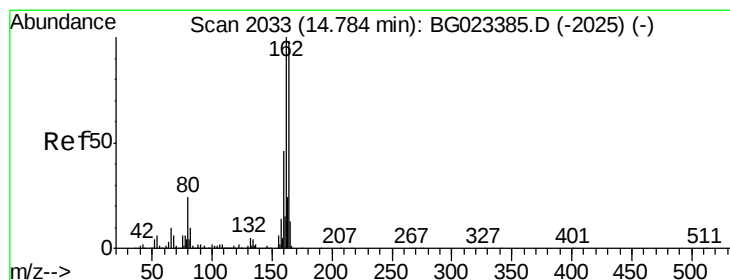
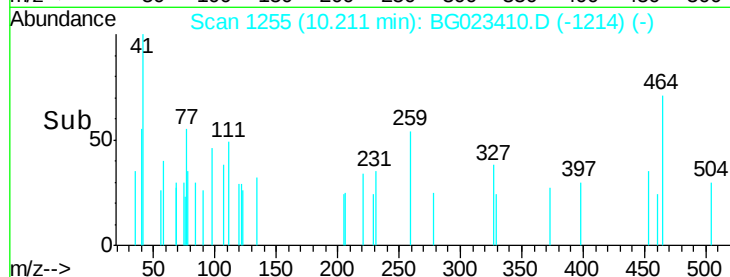
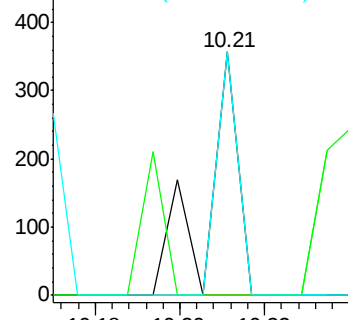
77 100.0 109.2 149.2#



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: 14.78 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG023410.D

Acq: 3 Aug 2016 00:21

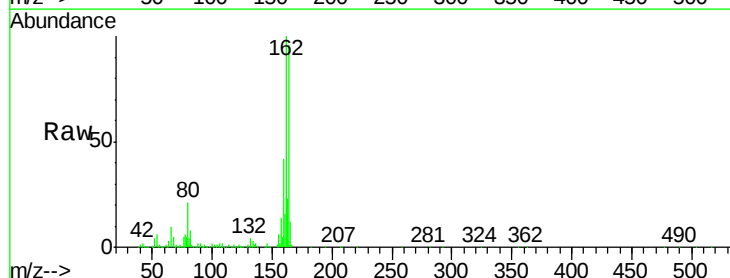
Tgt Ion:164 Resp: 418900

Ion Ratio Lower Upper

164 100

162 103.6 87.7 131.5

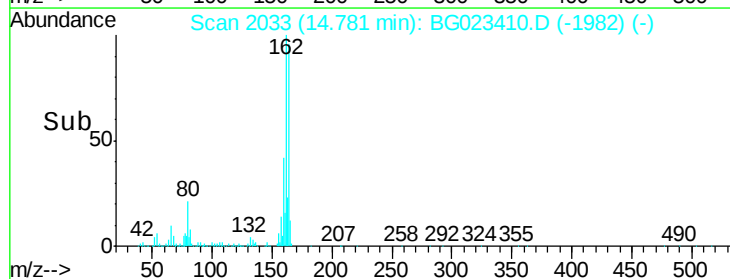
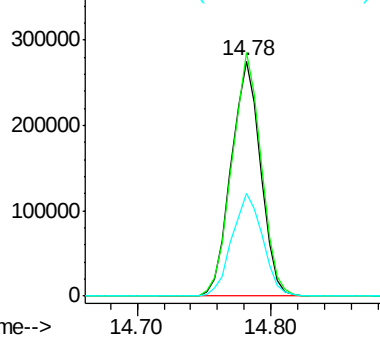
160 43.5 37.2 55.8

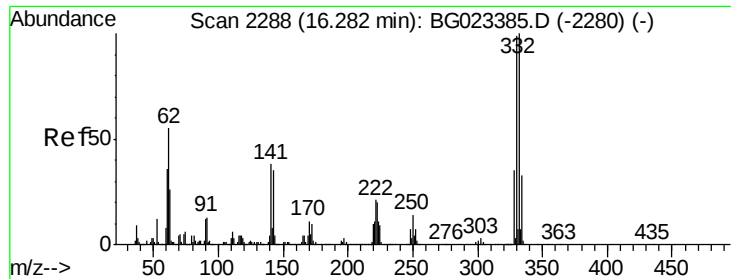


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

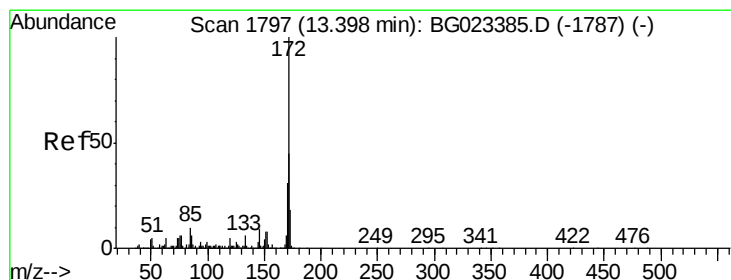
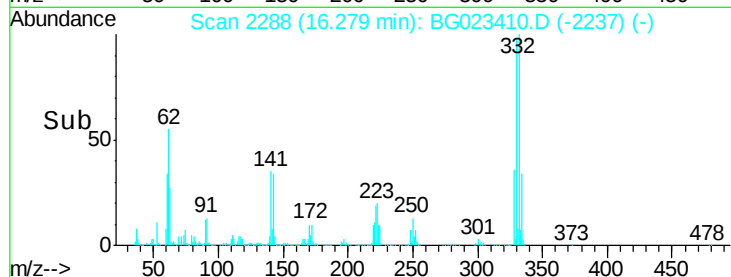
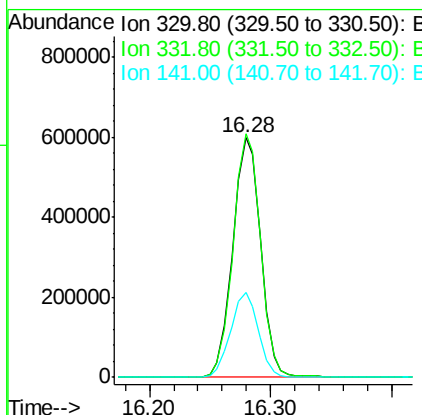
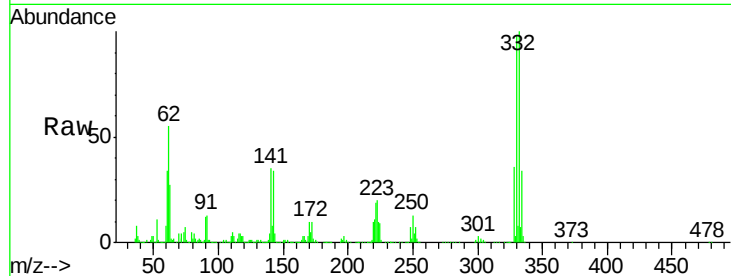




#41
 2,4,6-Tribromophenol
 Concen: 157.87 ng
 RT: 16.28 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BG023410.D
 Acq: 3 Aug 2016 00:21

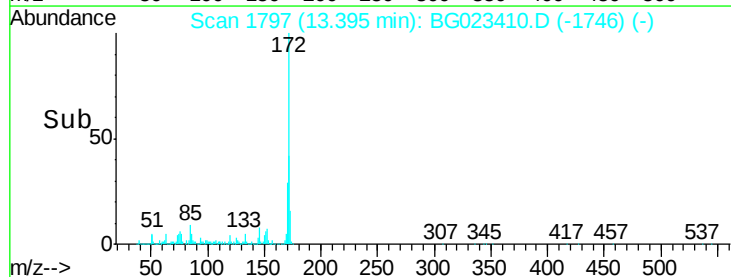
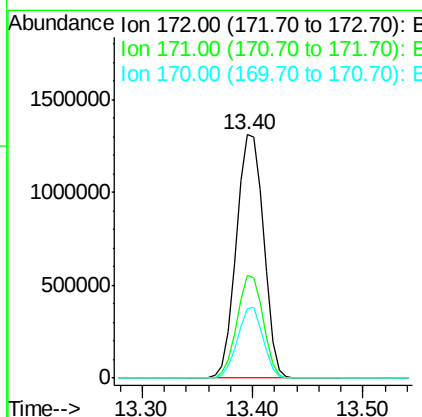
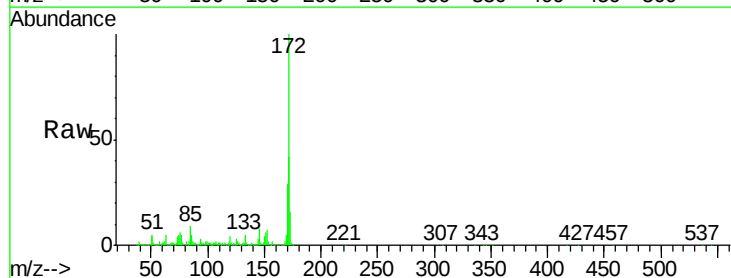
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 BNA_G
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 SB-64-14.0-15.0

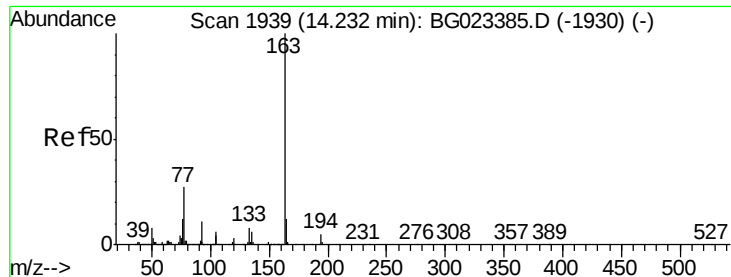
Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.9	77.4	116.2
141	35.1	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 91.97 ng
 RT: 13.40 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BG023410.D
 Acq: 3 Aug 2016 00:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	42.2	31.6	47.4
170	28.8	21.3	31.9





#49

Dimethylphthalate

Concen: 12.61 ng

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG023410.D

Acq: 3 Aug 2016 00:21

Instrument :

BNA_G

ClientSampleId :

SB-64-14.0-15.0

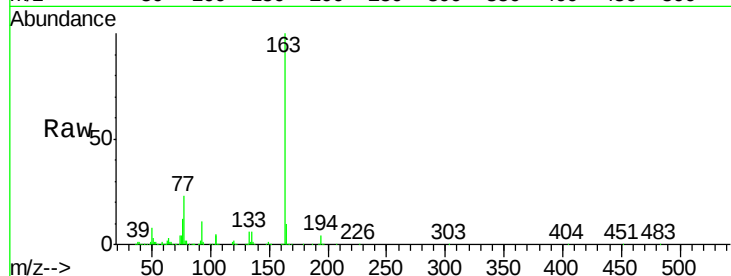
Tgt Ion:163 Resp: 405332

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

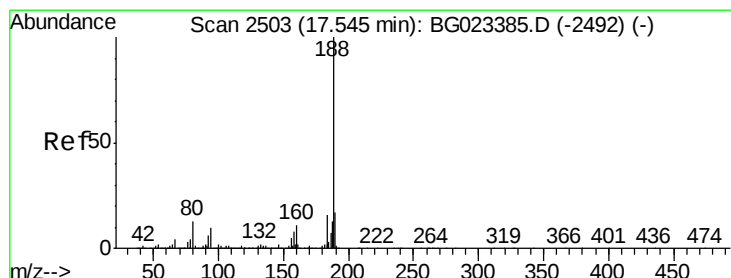
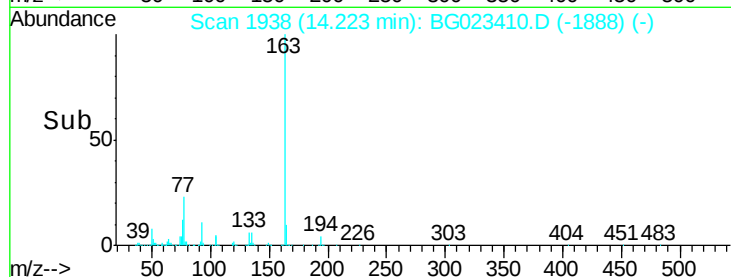
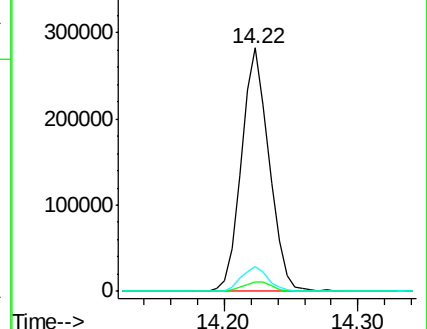
164 10.1 8.1 12.1



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: 17.54 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG023410.D

Acq: 3 Aug 2016 00:21

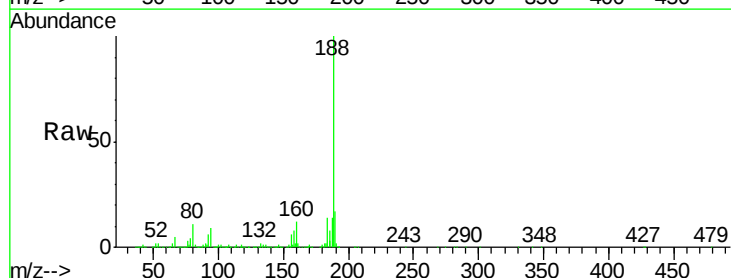
Tgt Ion:188 Resp: 1006397

Ion Ratio Lower Upper

188 100

94 8.5 5.2 7.8#

80 10.8 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

