

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080316\
 Data File : BG023424.D
 Acq On : 3 Aug 2016 13:58
 Operator : UM/SJ
 Sample : H4287-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-59-19.0-20.0

Quant Time: Aug 04 02:30:41 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

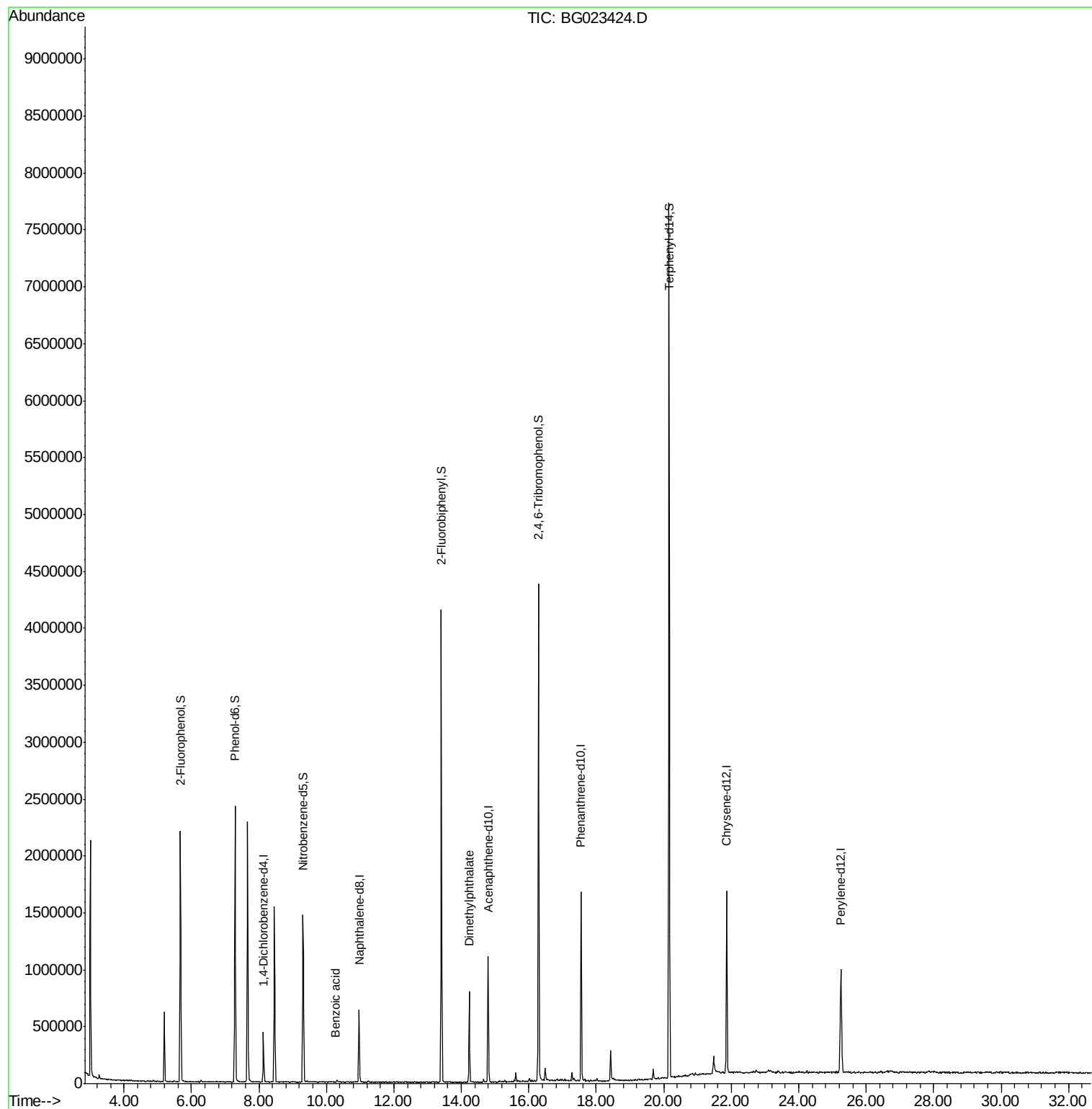
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	119097	20.00	ng	0.01
21) Naphthalene-d8	10.96	136	526462	20.00	ng	0.01
38) Acenaphthene-d10	14.79	164	389998	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1010628	20.00	ng	0.00
75) Chrysene-d12	21.87	240	1010899	20.00	ng	0.00
86) Perylene-d12	25.25	264	984118	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	921050	130.18	ng	0.01
7) Phenol-d6	7.29	99	1468690	133.27	ng	0.02
23) Nitrobenzene-d5	9.31	82	967737	91.39	ng	0.01
41) 2,4,6-Tribromophenol	16.29	330	796610	139.65	ng	0.01
44) 2-Fluorobiphenyl	13.41	172	1956213	84.60	ng	0.01
78) Terphenyl-d14	20.16	244	2874507	90.14	ng	0.00
Target Compounds						
9) Benzaldehyde	7.29	77	3254	Below Cal	#	14
32) Benzoic acid	10.28	122	122	6.46 ng	#	1
49) Dimethylphthalate	14.24	163	541880	18.11 ng		99
73) Di-n-butylphthalate	18.50	149	7563	Below Cal	#	93
74) Fluoranthene	19.61	202	151	Below Cal	#	60
77) Pyrene	20.16	202	15373	Below Cal	#	71

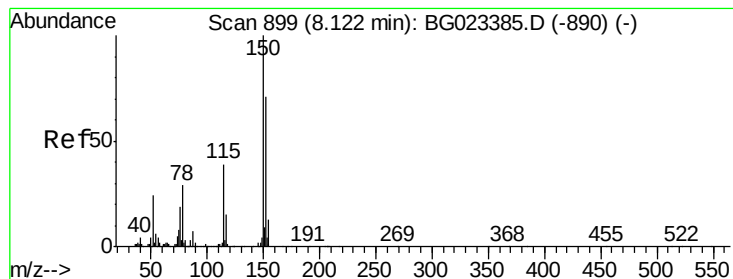
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 901

Delta R.T. 0.01 min

Lab File: BG023424.D

Acq: 3 Aug 2016 13:58

Instrument :

BNA_G

ClientSampleId :

SB-59-19.0-20.0

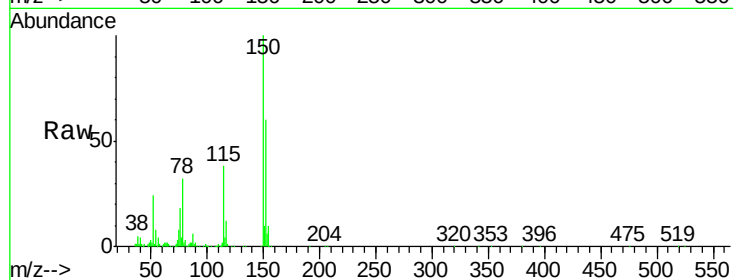
Tgt Ion:152 Resp: 119097

Ion Ratio Lower Upper

152 100

150 166.2 144.7 217.1

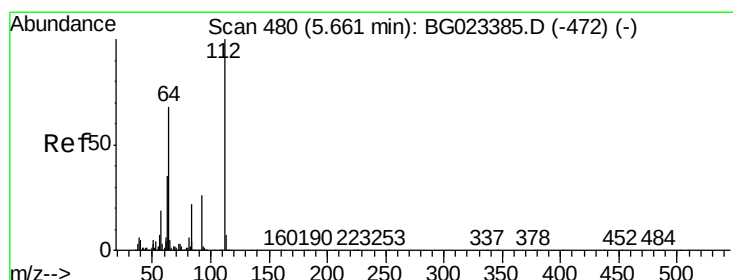
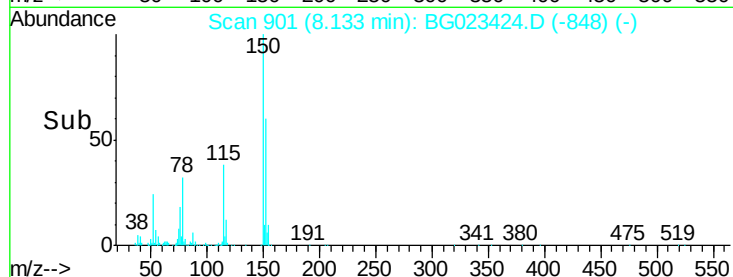
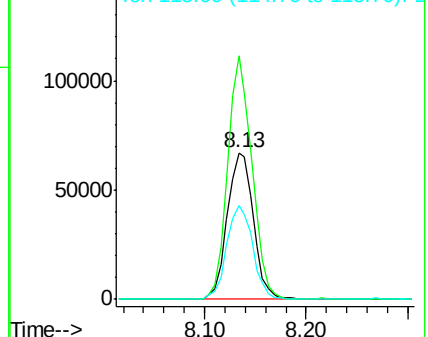
115 63.8 64.0 96.0#



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: 130.18 ng

RT: 5.67 min Scan# 482

Delta R.T. 0.01 min

Lab File: BG023424.D

Acq: 3 Aug 2016 13:58

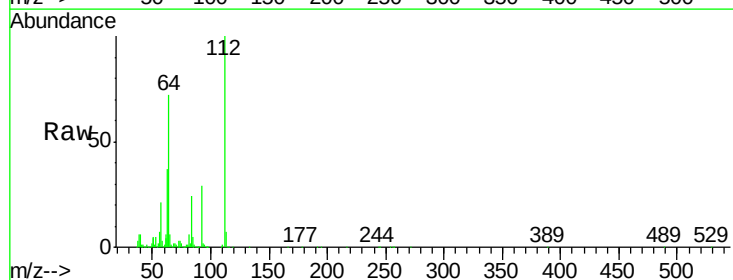
Tgt Ion:112 Resp: 921050

Ion Ratio Lower Upper

112 100

64 71.8 59.0 88.4

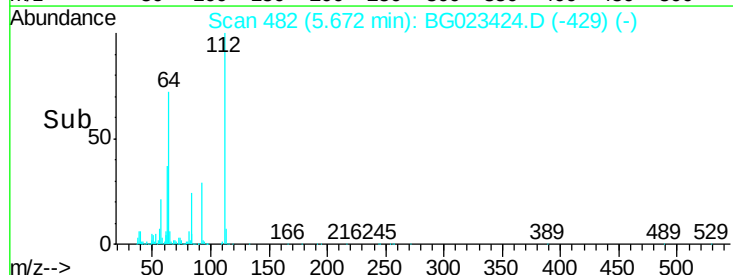
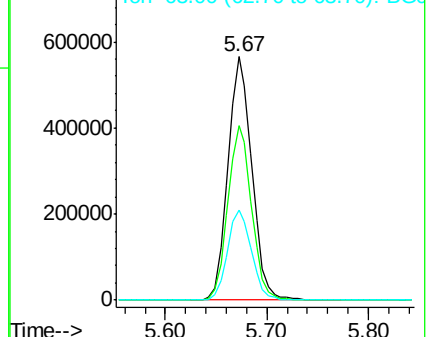
63 37.2 37.8 56.8#

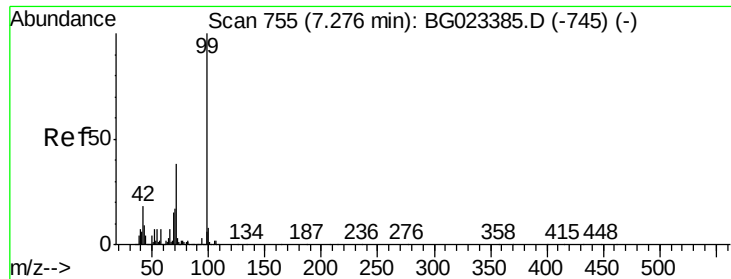


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 133.27 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.02 min

Lab File: BG023424.D

Acq: 3 Aug 2016 13:58

Instrument :

BNA_G

ClientSampleId :

SB-59-19.0-20.0

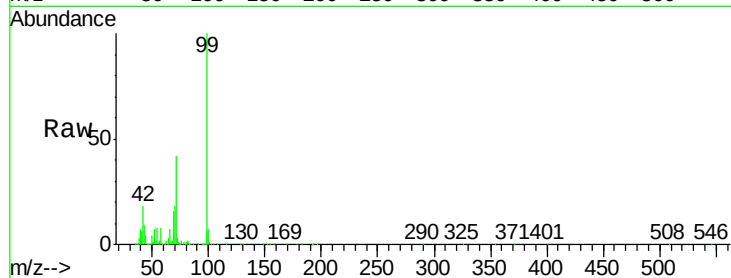
Tgt Ion: 99 Resp: 1468690

Ion Ratio Lower Upper

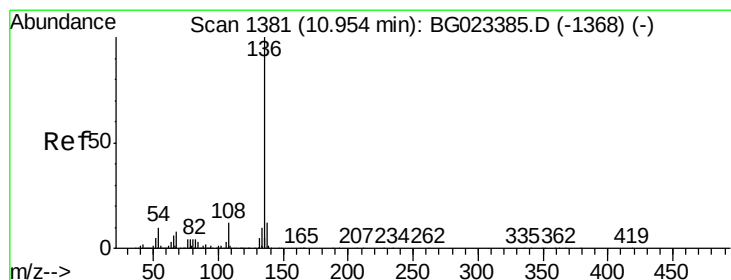
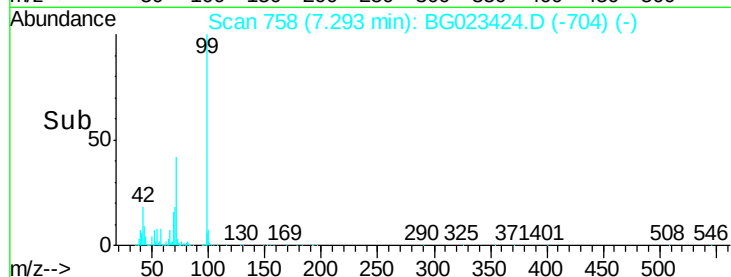
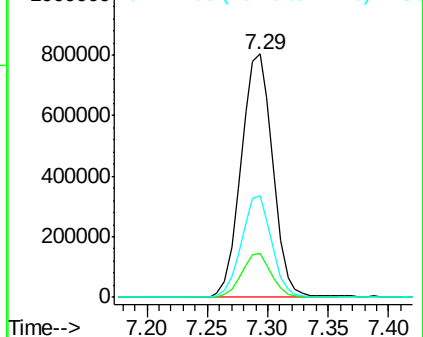
99 100

42 18.0 17.8 26.6

71 41.7 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.96 min Scan# 1383

Delta R.T. 0.01 min

Lab File: BG023424.D

Acq: 3 Aug 2016 13:58

Tgt Ion: 136 Resp: 526462

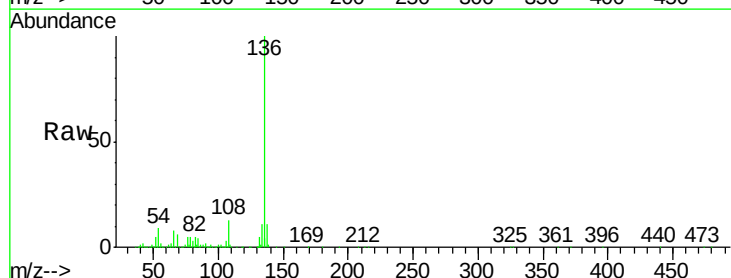
Ion Ratio Lower Upper

136 100

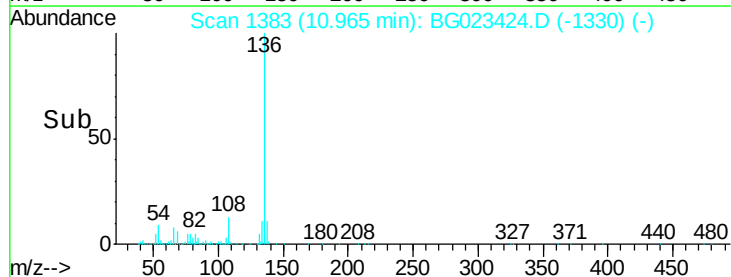
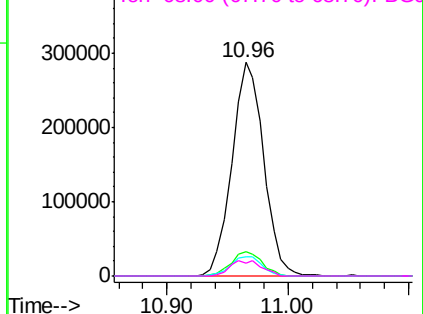
137 11.4 9.6 14.4

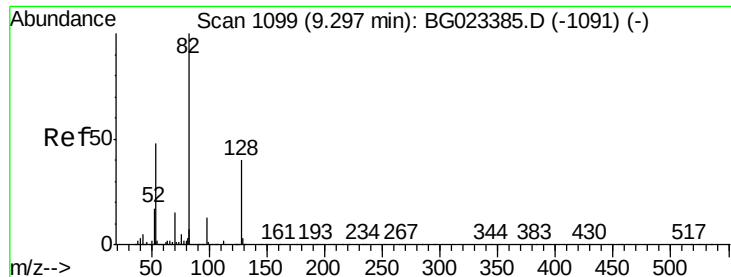
54 9.0 7.3 10.9

68 6.3 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

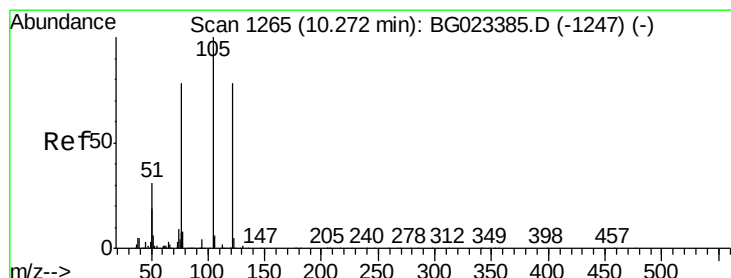
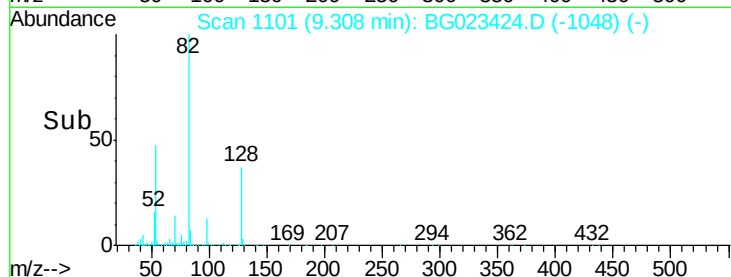
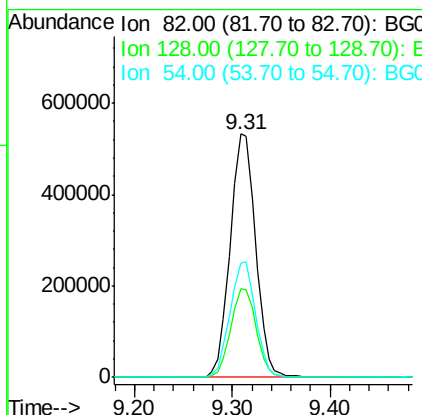
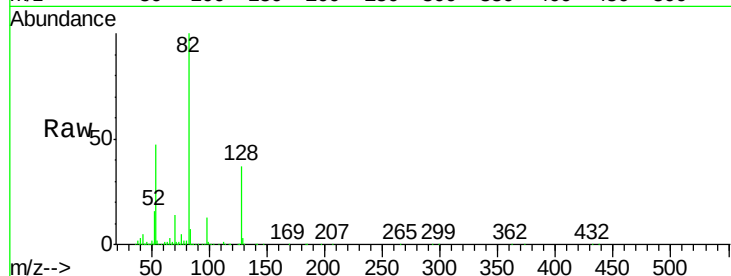




#23
 Nitrobenzene-d5
 Concen: 91.39 ng
 RT: 9.31 min Scan# 1101
 Delta R.T. 0.01 min
 Lab File: BG023424.D
 Acq: 3 Aug 2016 13:58

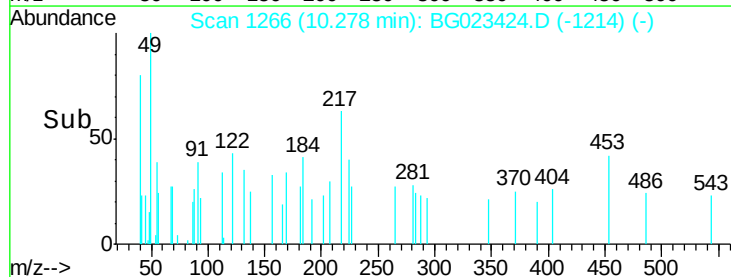
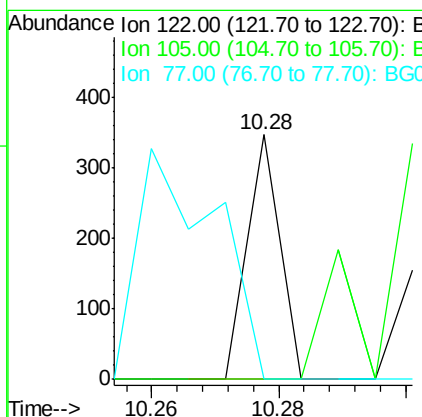
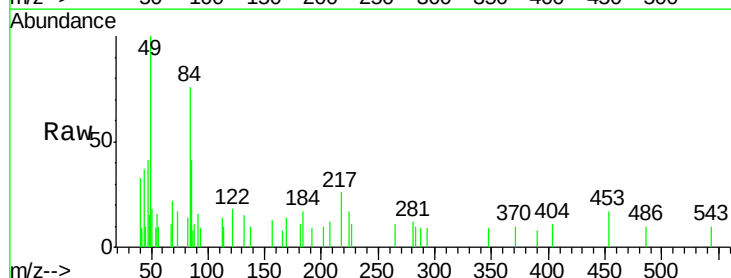
Instrument :
 BNA_G
 ClientSampleId :
 SB-59-19.0-20.0

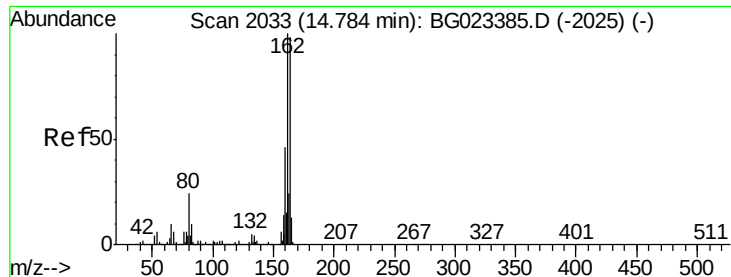
Tgt Ion: 82 Resp: 967737
 Ion Ratio Lower Upper
 82 100
 128 36.6 24.4 36.6
 54 47.2 41.4 62.0



#32
 Benzoic acid
 Concen: 6.46 ng
 RT: 10.28 min Scan# 1266
 Delta R.T. 0.01 min
 Lab File: BG023424.D
 Acq: 3 Aug 2016 13:58

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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BG023424.D

Acq: 3 Aug 2016 13:58

Instrument :

BNA_G

ClientSampleId :

SB-59-19.0-20.0

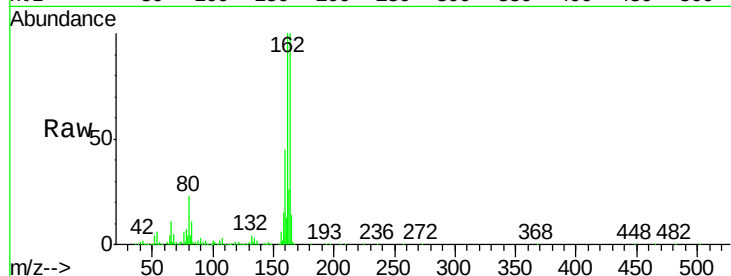
Tgt Ion:164 Resp: 389998

Ion Ratio Lower Upper

164 100

162 99.6 87.7 131.5

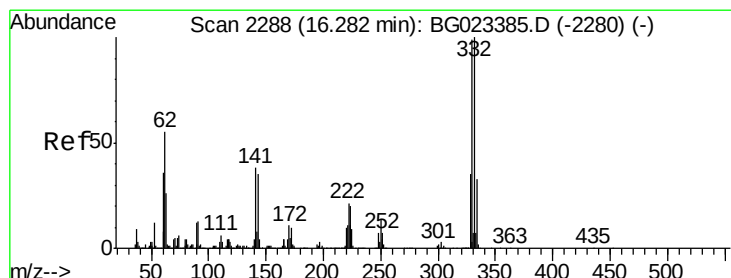
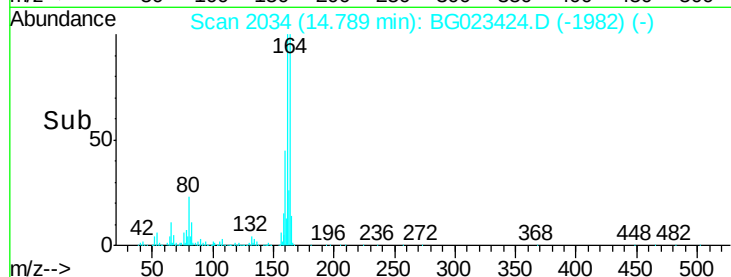
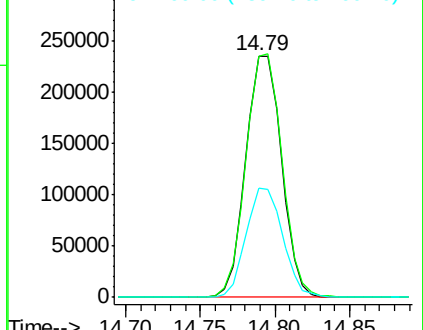
160 45.0 37.2 55.8



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: 139.65 ng

RT: 16.29 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BG023424.D

Acq: 3 Aug 2016 13:58

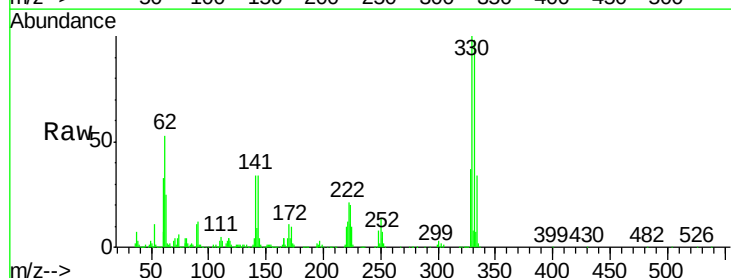
Tgt Ion:330 Resp: 796610

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.2

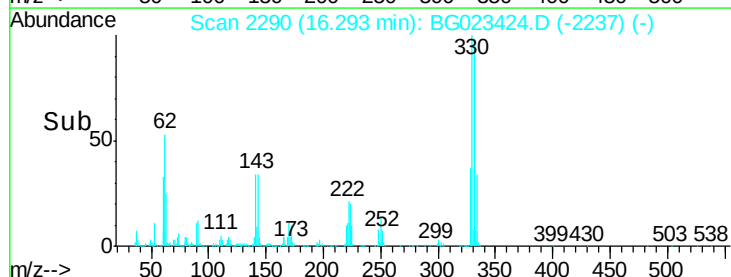
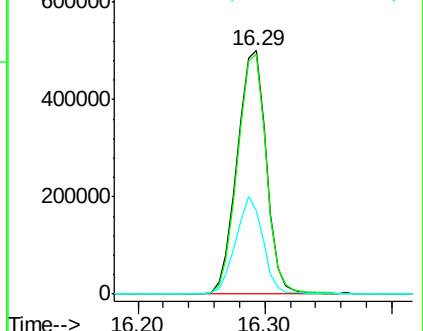
141 37.4 31.7 47.5

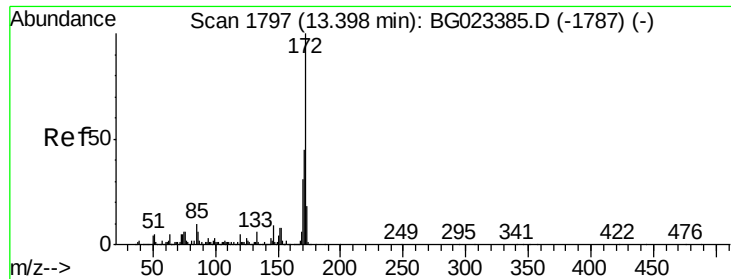


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 84.60 ng

RT: 13.41 min Scan# 1799

Delta R.T. 0.01 min

Lab File: BG023424.D

Acq: 3 Aug 2016 13:58

Instrument :

BNA_G

ClientSampleId :

SB-59-19.0-20.0

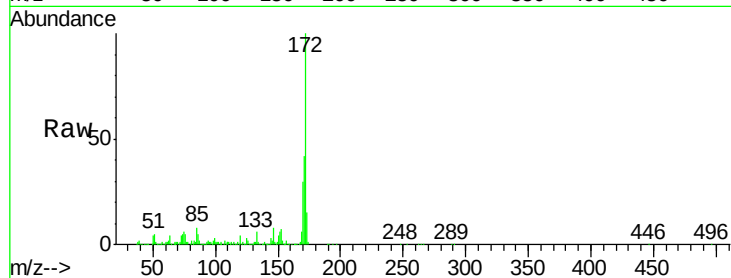
Tgt Ion:172 Resp: 1956213

Ion Ratio Lower Upper

172 100

171 41.7 31.6 47.4

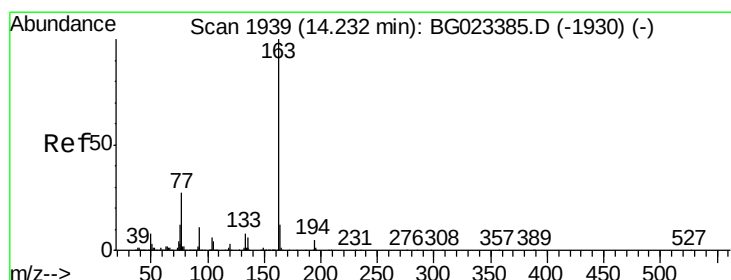
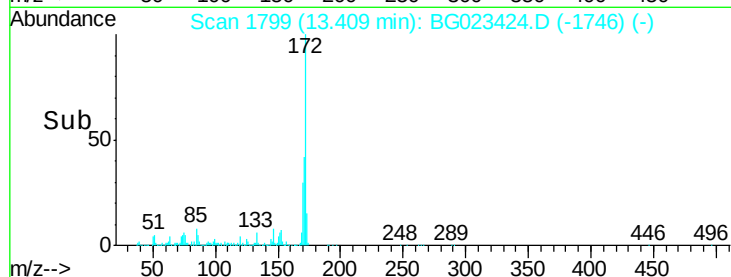
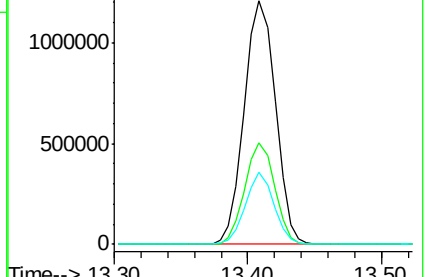
170 29.6 21.3 31.9



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: 18.11 ng

RT: 14.24 min Scan# 1940

Delta R.T. 0.01 min

Lab File: BG023424.D

Acq: 3 Aug 2016 13:58

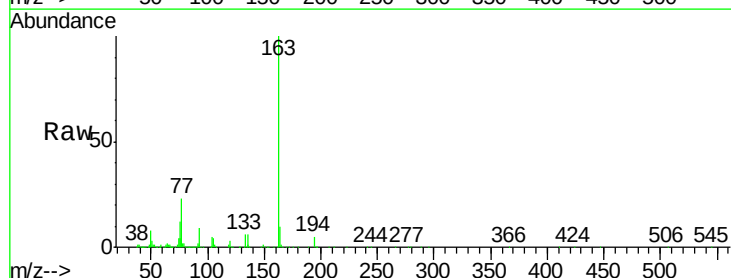
Tgt Ion:163 Resp: 541880

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

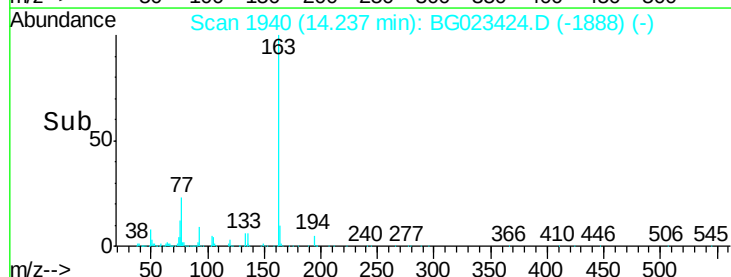
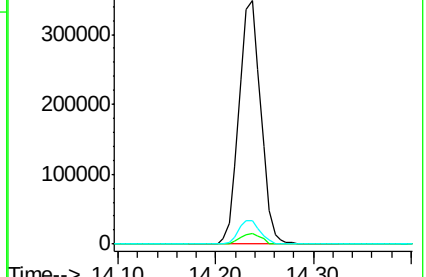
164 9.5 8.1 12.1

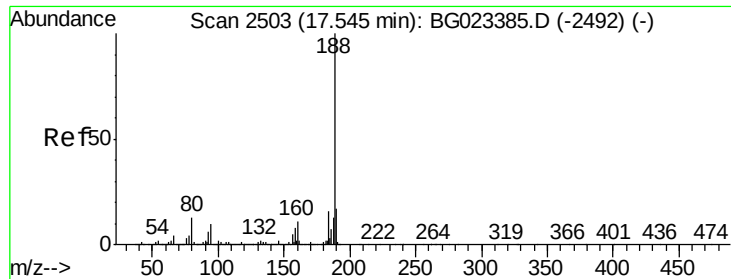


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

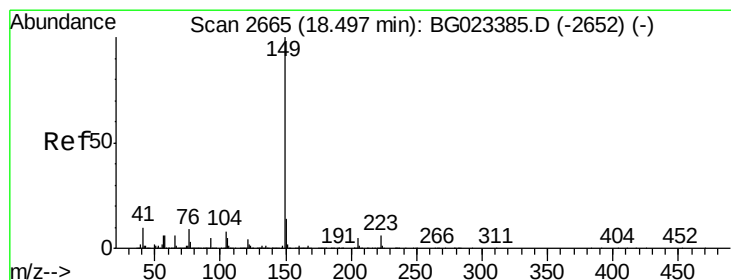
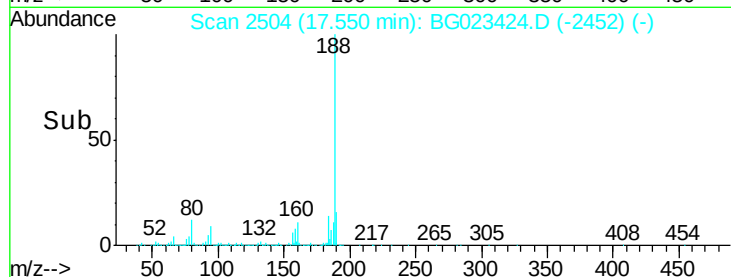
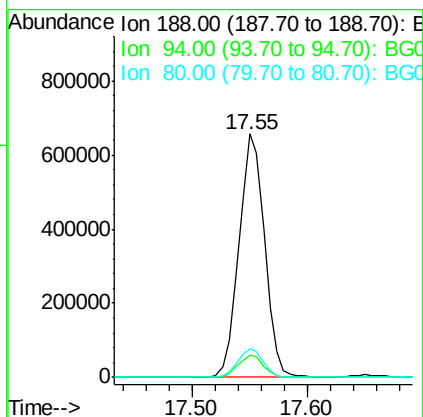
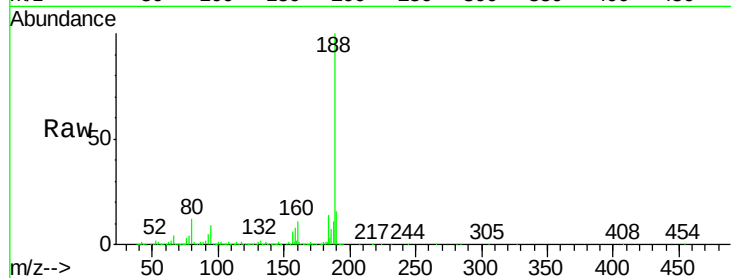




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.01 min
Lab File: BG023424.D
Acq: 3 Aug 2016 13:58

Instrument :
BNA_G
ClientSampleId :
SB-59-19.0-20.0

Tgt Ion:188 Resp: 1010628
Ion Ratio Lower Upper
188 100
94 9.1 5.2 7.8#
80 11.9 7.2 10.8#



#73
Di-n-butylphthalate
Concen: Below Cal
RT: 18.50 min Scan# 2666
Delta R.T. 0.01 min
Lab File: BG023424.D
Acq: 3 Aug 2016 13:58

Tgt Ion:149 Resp: 7563
Ion Ratio Lower Upper
149 100
150 11.6 9.1 13.7
104 3.2 6.9 10.3#

