

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080316\
 Data File : BG023425.D
 Acq On : 3 Aug 2016 14:37
 Operator : UM/SJ
 Sample : H4287-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-60-14.0-15.0

Quant Time: Aug 04 02:30:54 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

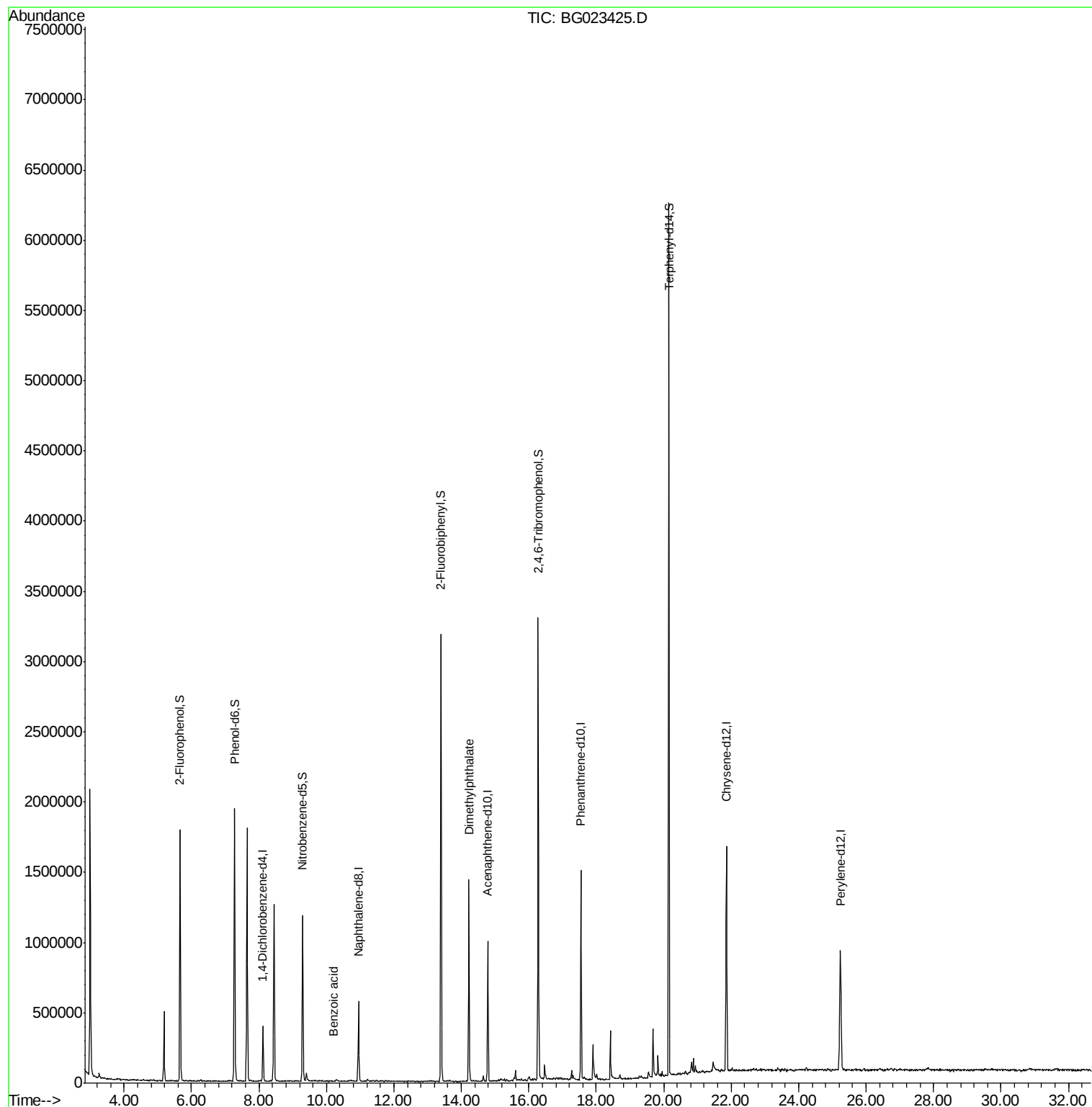
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	104437	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	469791	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	334193	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	912389	20.00	ng	0.00
75) Chrysene-d12	21.86	240	963406	20.00	ng	0.00
86) Perylene-d12	25.24	264	918238	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	763769	123.10	ng	0.00
7) Phenol-d6	7.27	99	1155906	119.61	ng	0.00
23) Nitrobenzene-d5	9.29	82	771135	81.60	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	598688	122.48	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1620930	81.81	ng	0.00
78) Terphenyl-d14	20.15	244	2455299	78.23	ng	0.00
Target Compounds						
9) Benzaldehyde	7.27	77	1711	Below Cal	#	8
32) Benzoic acid	10.22	122	54	6.45 ng	#	1
49) Dimethylphthalate	14.22	163	908036	35.41 ng		99
73) Di-n-butylphthalate	18.49	149	5852	Below Cal	#	89
74) Fluoranthene	19.59	202	54	Below Cal	#	1
77) Pyrene	20.15	202	12860	Below Cal	#	70

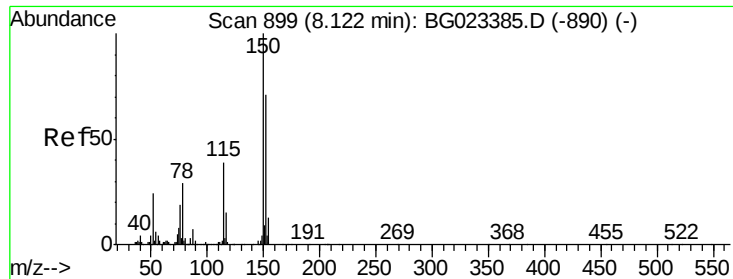
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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Instrument :

BNA_G

ClientSampleId :

SB-60-14.0-15.0

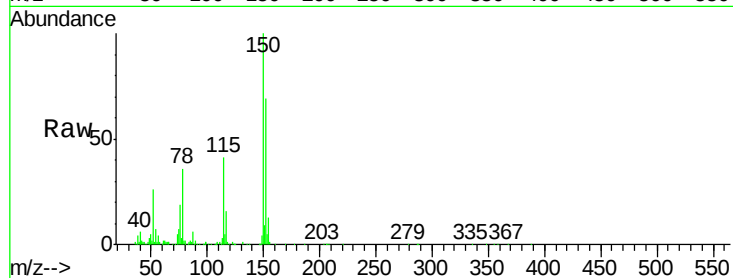
Tgt Ion:152 Resp: 104437

Ion Ratio Lower Upper

152 100

150 145.8 144.7 217.1

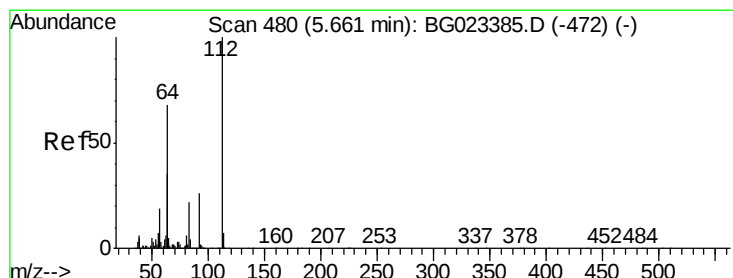
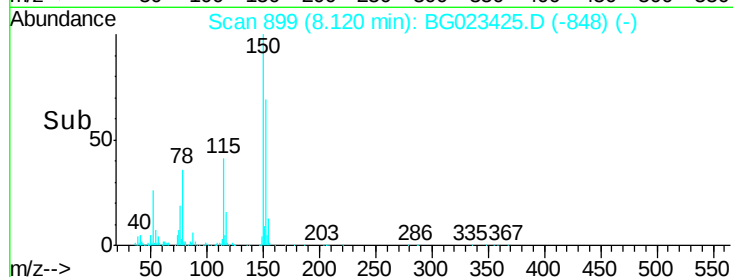
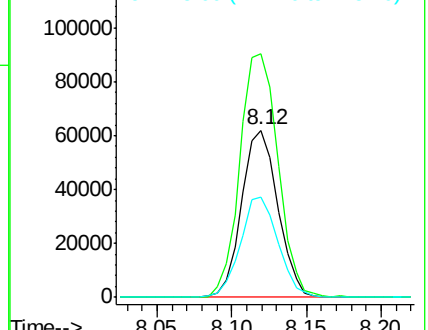
115 60.1 64.0 96.0#



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: 123.10 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.00 min

Lab File: BG023425.D

Acq: 3 Aug 2016 14:37

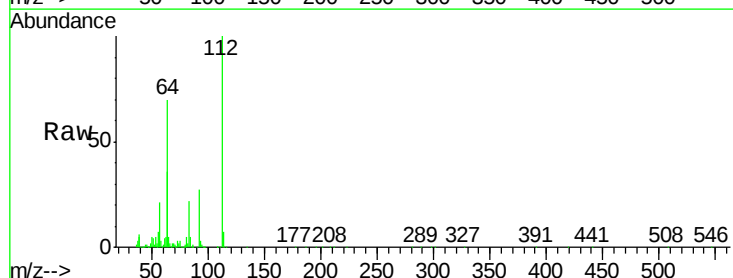
Tgt Ion:112 Resp: 763769

Ion Ratio Lower Upper

112 100

64 69.5 59.0 88.4

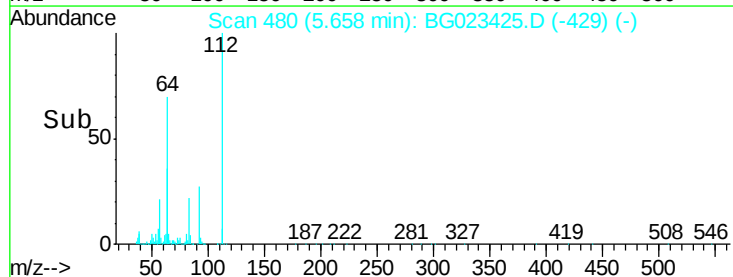
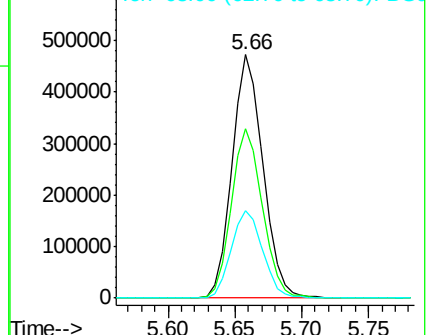
63 36.1 37.8 56.8#

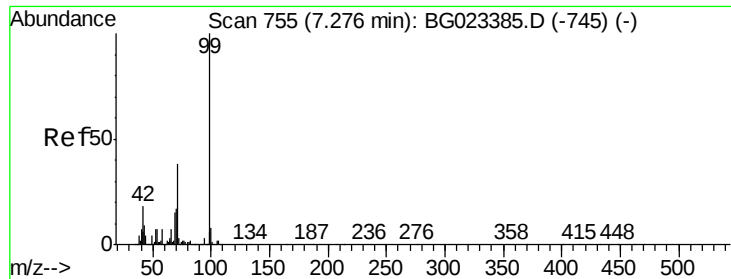


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 119.61 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG023425.D

Acq: 3 Aug 2016 14:37

Instrument :

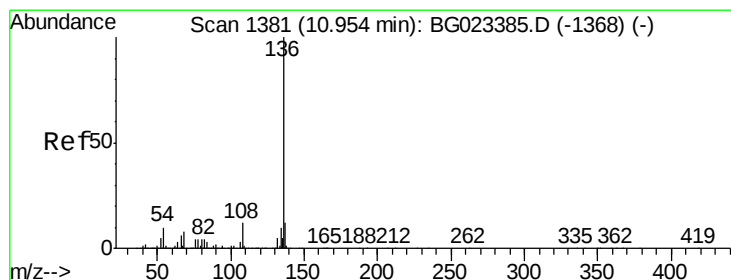
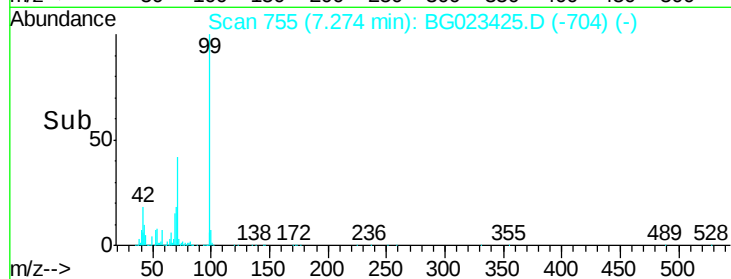
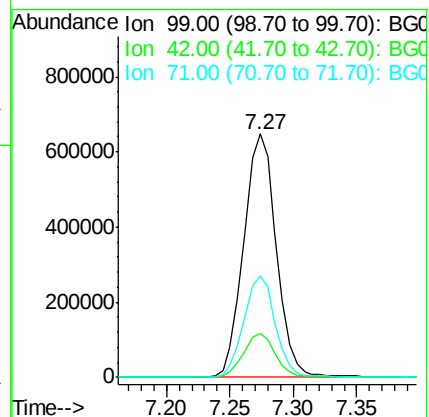
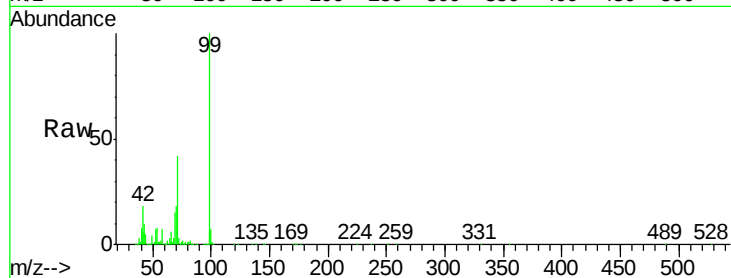
BNA_G

ClientSampleId :

SB-60-14.0-15.0

Tgt Ion: 99 Resp: 1155906

Ion	Ratio	Lower	Upper
99	100		
42	18.2	17.8	26.6
71	41.9	41.5	62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.95 min Scan# 1381

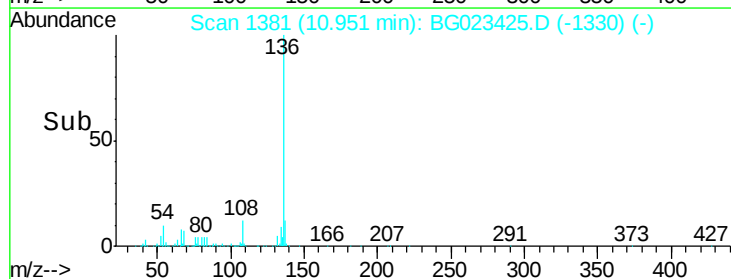
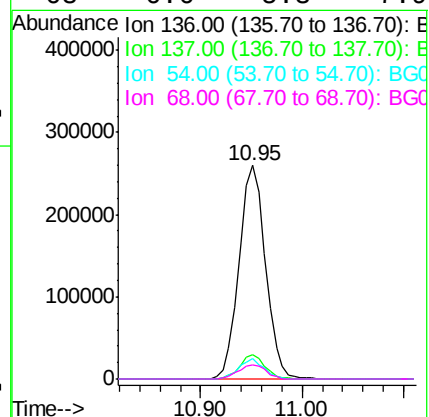
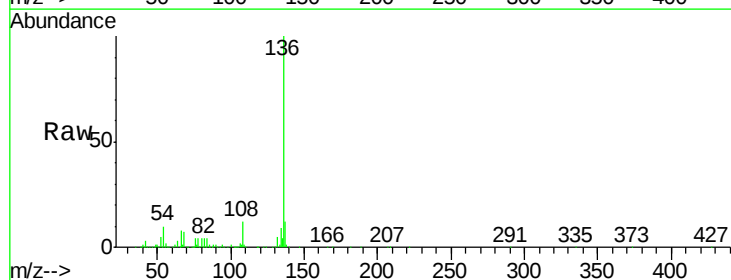
Delta R.T. -0.00 min

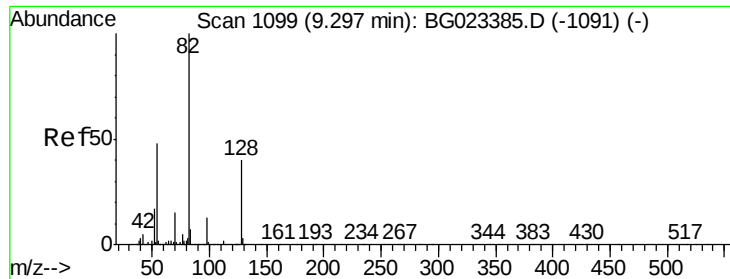
Lab File: BG023425.D

Acq: 3 Aug 2016 14:37

Tgt Ion: 136 Resp: 469791

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	9.6	7.3	10.9
68	6.6	5.3	7.9

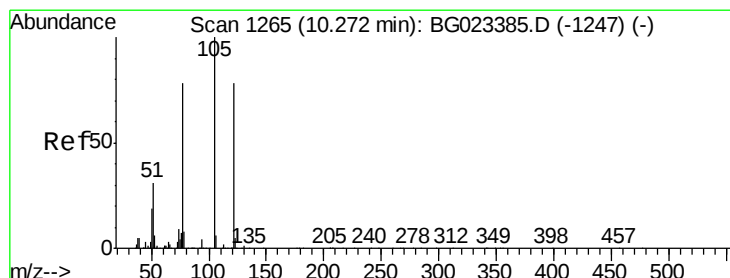
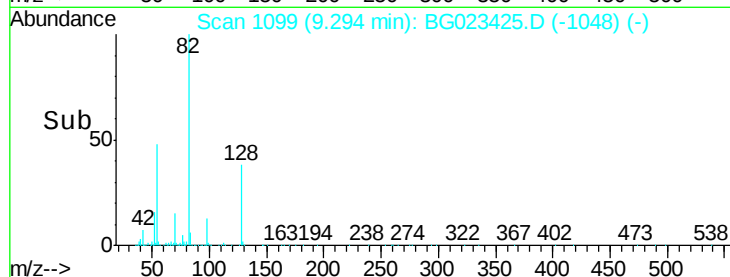
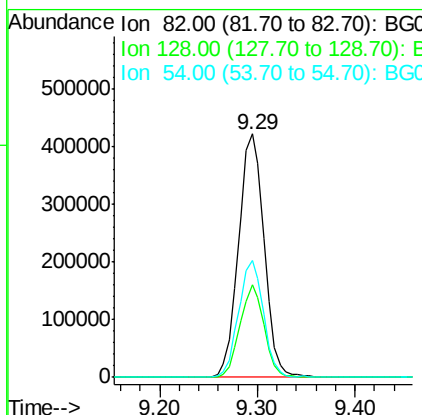
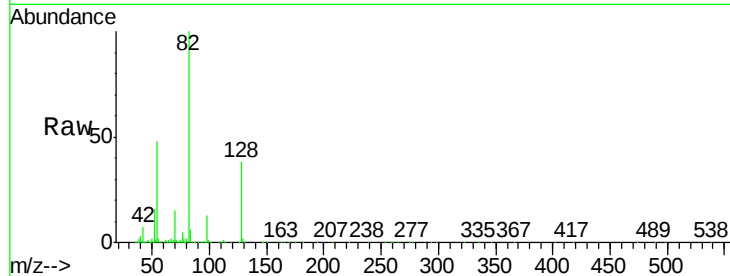




#23
 Nitrobenzene-d5
 Concen: 81.60 ng
 RT: 9.29 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BG023425.D
 Acq: 3 Aug 2016 14:37

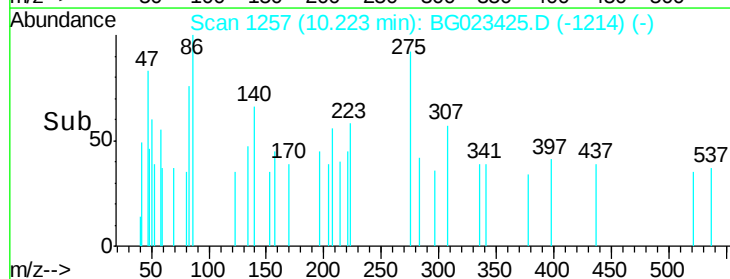
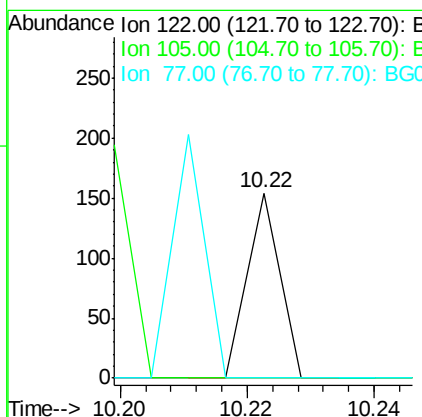
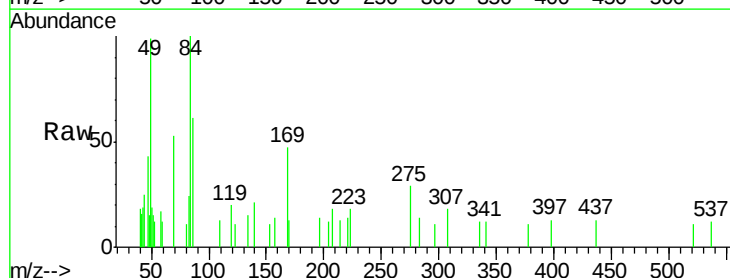
Instrument :
 BNA_G
 ClientSampleId :
 SB-60-14.0-15.0

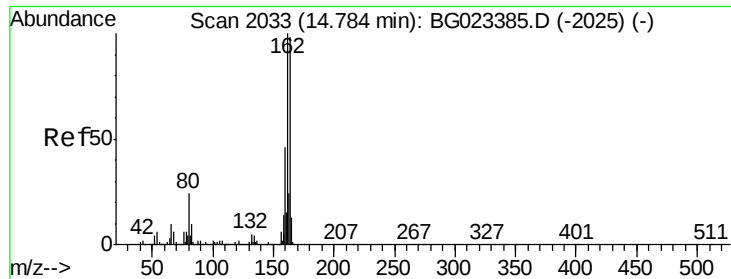
Tgt Ion: 82 Resp: 771135
 Ion Ratio Lower Upper
 82 100
 128 38.0 24.4 36.6#
 54 48.1 41.4 62.0



#32
 Benzoic acid
 Concen: 6.45 ng
 RT: 10.22 min Scan# 1257
 Delta R.T. -0.05 min
 Lab File: BG023425.D
 Acq: 3 Aug 2016 14:37

Tgt Ion: 122 Resp: 54
 Ion Ratio Lower Upper
 122 100
 105 0.0 117.2 157.2#
 77 0.0 109.2 149.2#

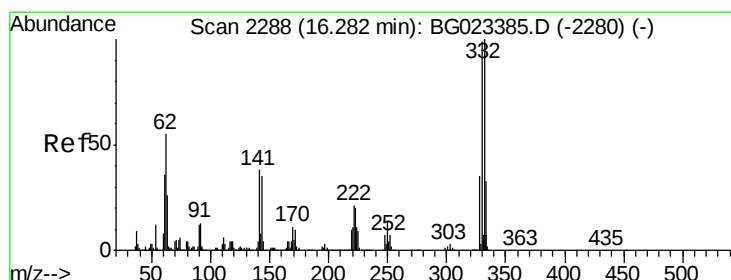
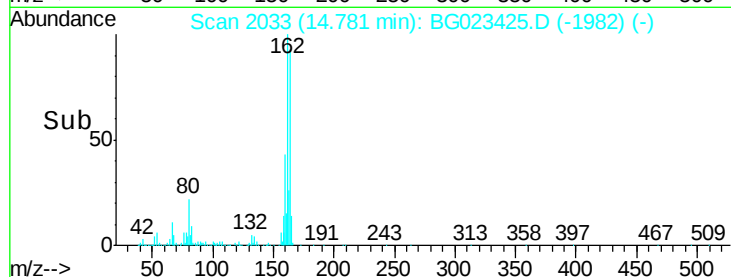
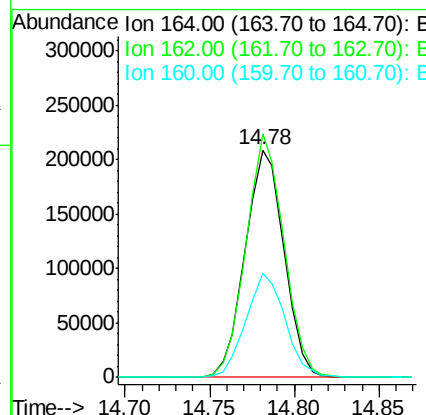
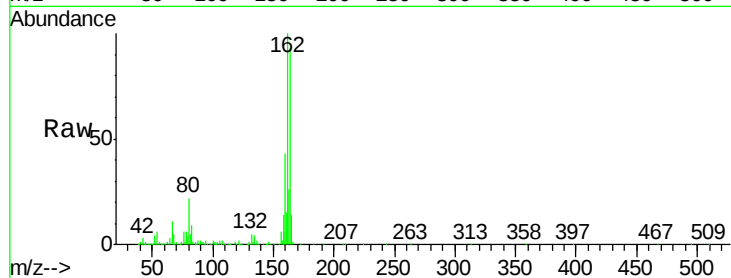




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG023425.D
Acq: 3 Aug 2016 14:37

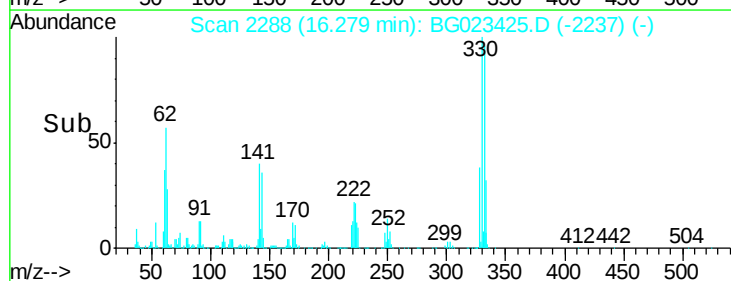
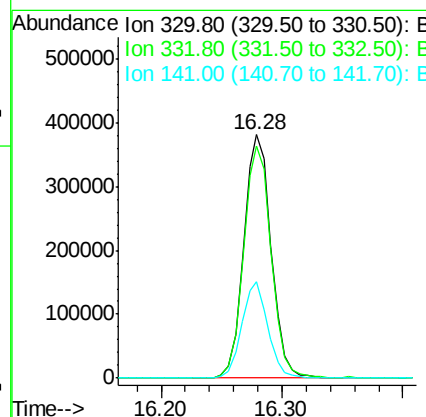
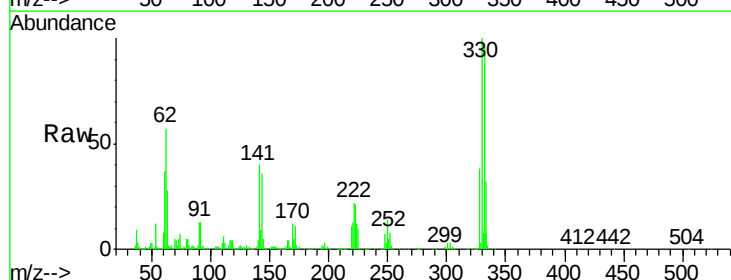
Instrument :
BNA_G
ClientSampleId :
SB-60-14.0-15.0

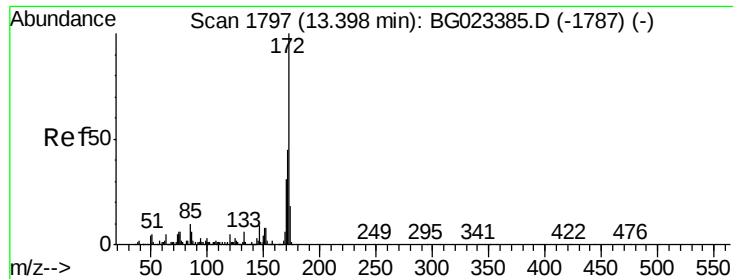
Tgt Ion:164 Resp: 334193
Ion Ratio Lower Upper
164 100
162 107.2 87.7 131.5
160 46.1 37.2 55.8



#41
2,4,6-Tribromophenol
Concen: 122.48 ng
RT: 16.28 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG023425.D
Acq: 3 Aug 2016 14:37

Tgt Ion:330 Resp: 598688
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.2
141 37.8 31.7 47.5

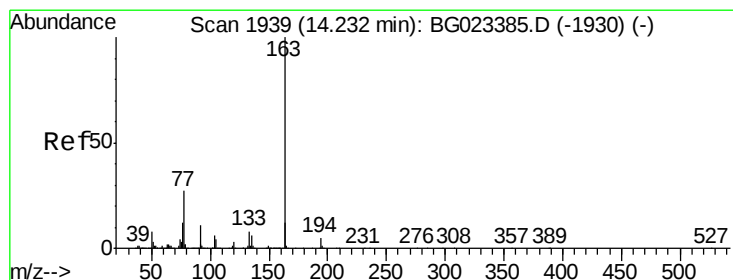
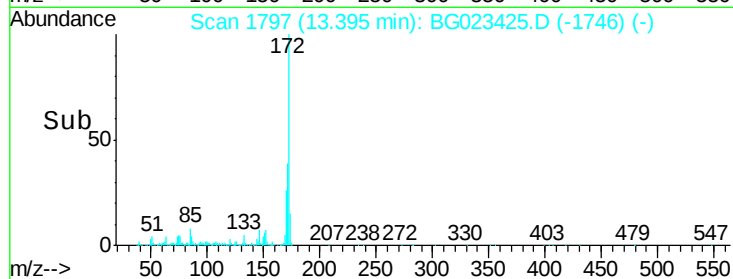
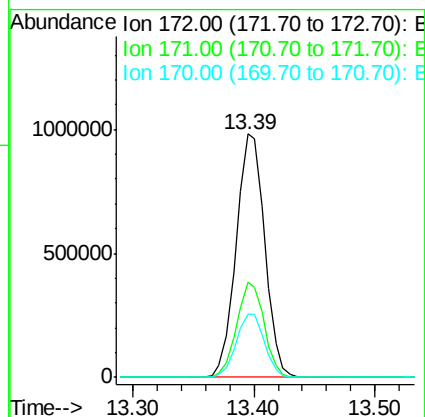
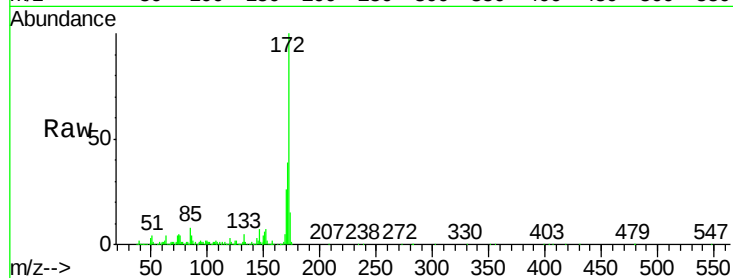




#44
2-Fluorobiphenyl
Concen: 81.81 ng
RT: 13.39 min Scan# 1797
Delta R.T. -0.00 min
Lab File: BG023425.D
Acq: 3 Aug 2016 14:37

Instrument :
BNA_G
ClientSampleId :
SB-60-14.0-15.0

Tgt Ion:172 Resp: 1620930
Ion Ratio Lower Upper
172 100
171 39.2 31.6 47.4
170 26.0 21.3 31.9



#49
Dimethylphthalate
Concen: 35.41 ng
RT: 14.22 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG023425.D
Acq: 3 Aug 2016 14:37

Tgt Ion:163 Resp: 908036
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 10.8 8.1 12.1

