

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080316\
 Data File : BG023443.D
 Acq On : 4 Aug 2016 2:42
 Operator : UM/SJ
 Sample : H4287-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-58-18.0-19.0

Quant Time: Aug 04 03:18:18 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

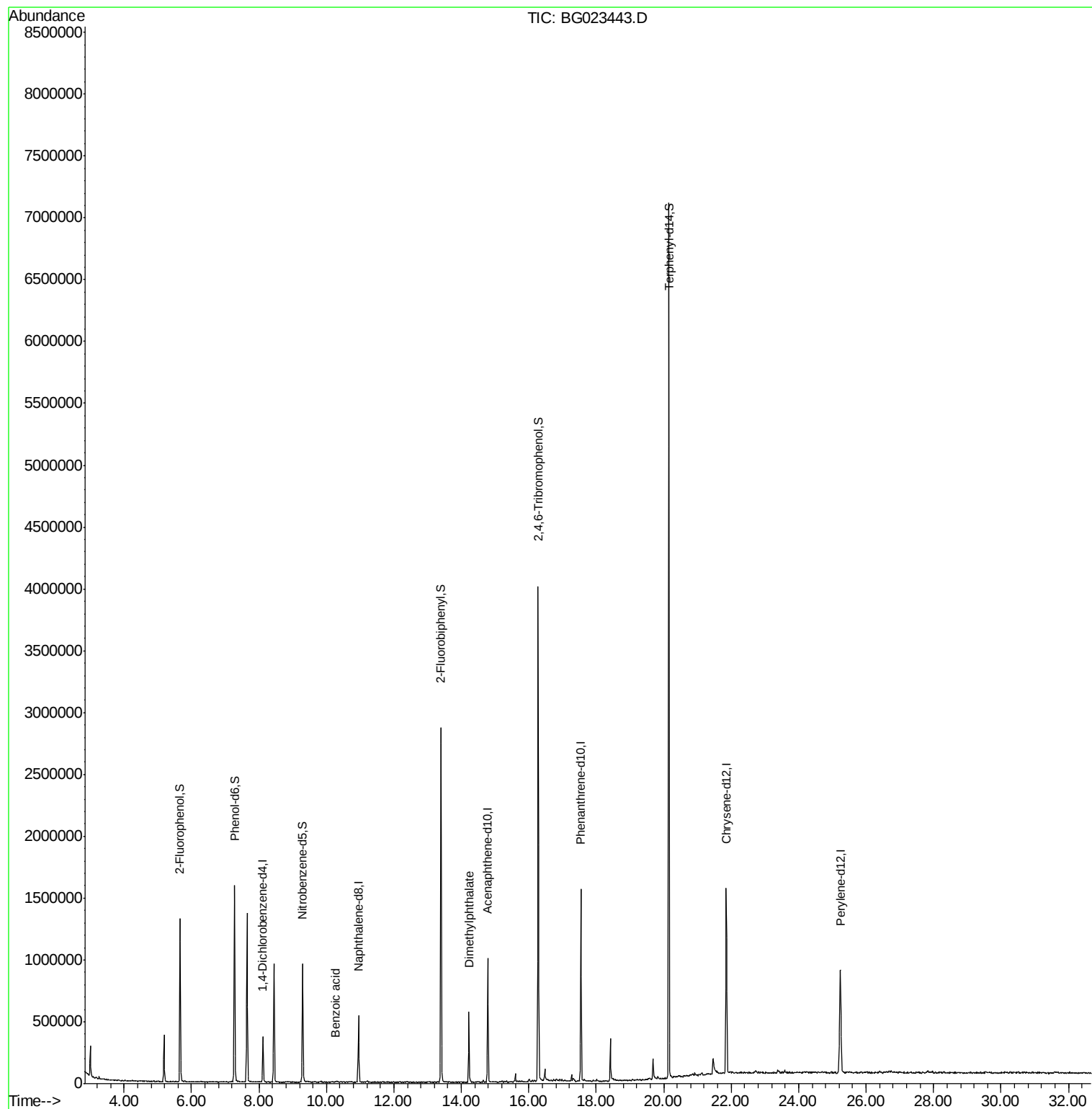
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	102271	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	457903	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	342664	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	929652	20.00	ng	0.00
75) Chrysene-d12	21.86	240	954487	20.00	ng	0.00
86) Perylene-d12	25.23	264	905269	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	559160	92.03	ng	0.00
7) Phenol-d6	7.27	99	965829	102.06	ng	0.00
23) Nitrobenzene-d5	9.29	82	629166	68.31	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	731278	145.90	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1471430	72.43	ng	0.00
78) Terphenyl-d14	20.15	244	2764680	92.28	ng	0.00
Target Compounds						
9) Benzaldehyde	7.28	77	2791	Below Cal	#	13
32) Benzoic acid	10.27	122	76	6.45	ng	# 1
49) Dimethylphthalate	14.22	163	349593	13.30	ng	100
73) Di-n-butylphthalate	18.49	149	5577	Below Cal	#	82
74) Fluoranthene	19.60	202	476	Below Cal	#	60
77) Pyrene	20.15	202	14399	Below Cal	#	60

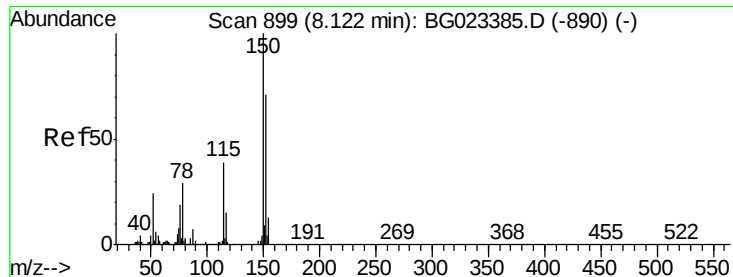
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG023443.D

Acq: 4 Aug 2016 2:42

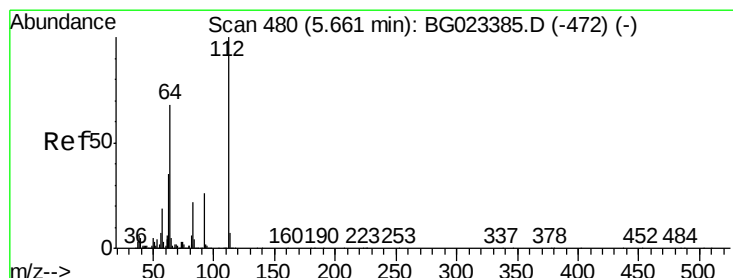
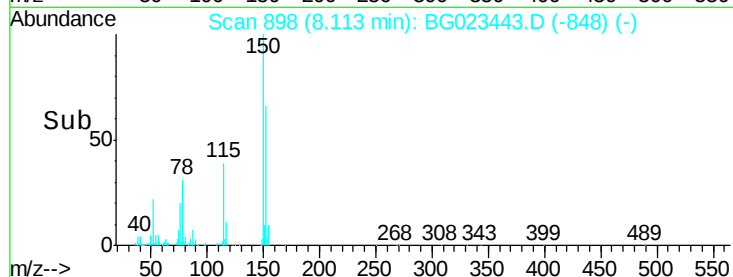
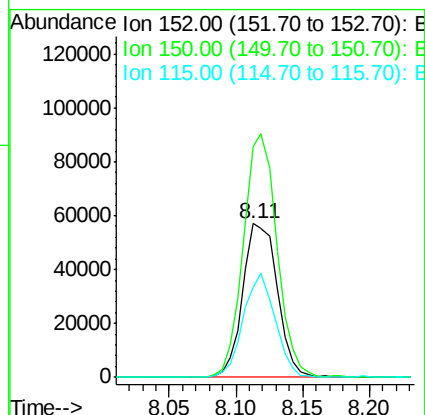
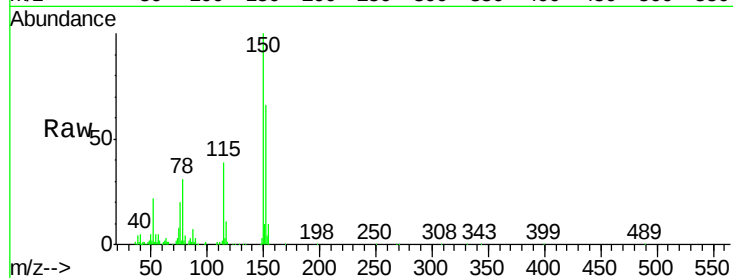
Instrument :

BNA_G

ClientSampleId :

SB-58-18.0-19.0

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.6	144.7	217.1
115	58.3	64.0	96.0



#5

2-Fluorophenol

Concen: 92.03 ng

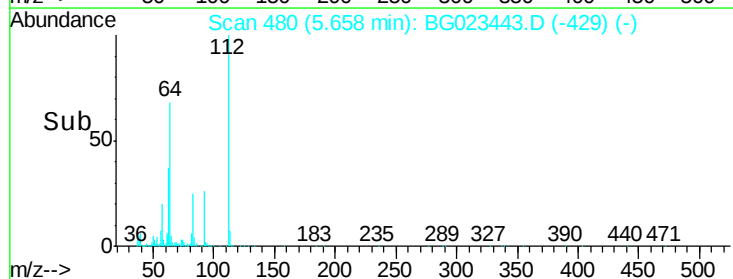
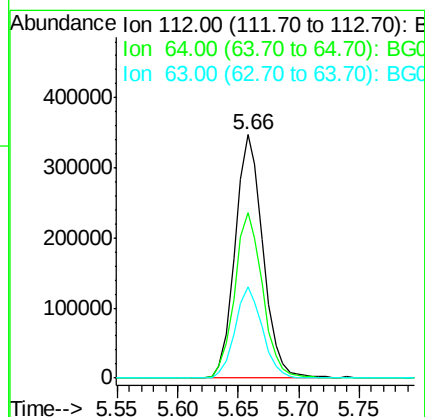
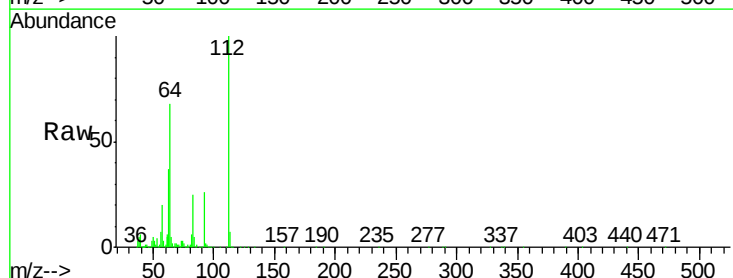
RT: 5.66 min Scan# 480

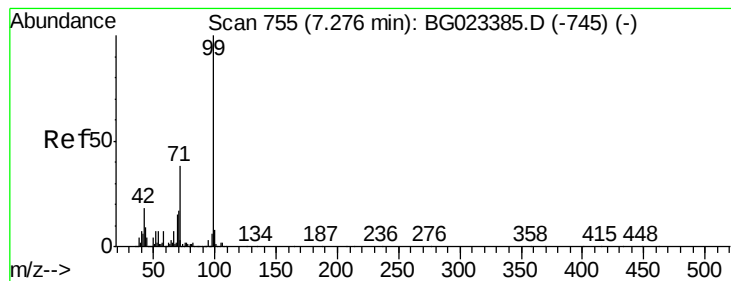
Delta R.T. -0.00 min

Lab File: BG023443.D

Acq: 4 Aug 2016 2:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	59.0	88.4
63	37.3	37.8	56.8





#7

Phenol-d6

Concen: 102.06 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG023443.D

Acq: 4 Aug 2016 2:42

Instrument :

BNA_G

ClientSampleId :

SB-58-18.0-19.0

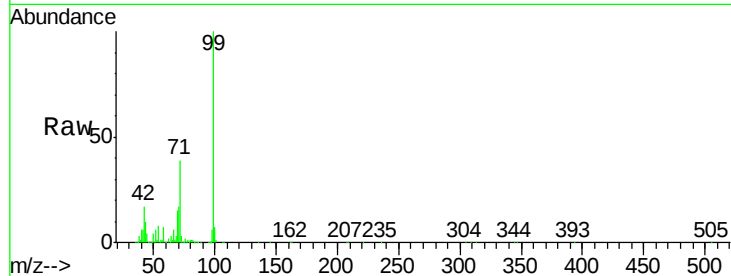
Tgt Ion: 99 Resp: 965829

Ion Ratio Lower Upper

99 100

42 16.6 17.8 26.6#

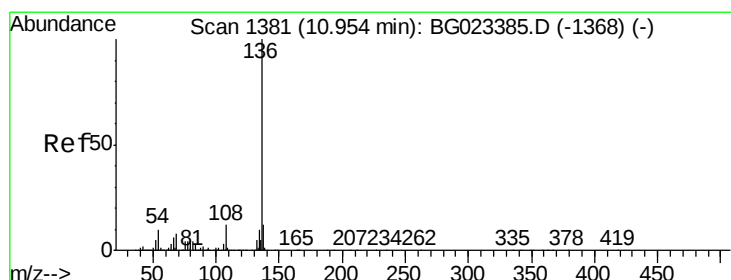
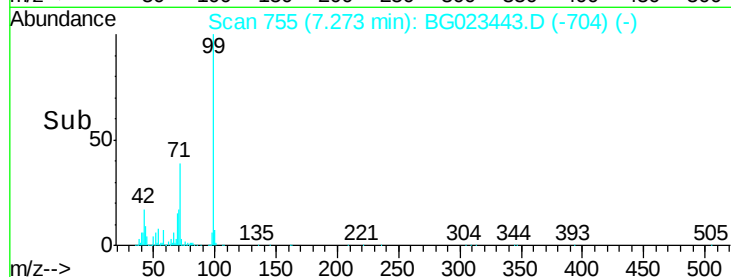
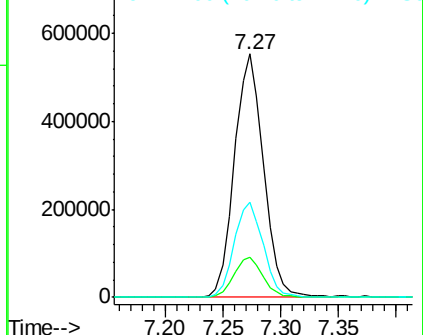
71 39.1 41.5 62.3#



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: 10.95 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BG023443.D

Acq: 4 Aug 2016 2:42

Tgt Ion: 136 Resp: 457903

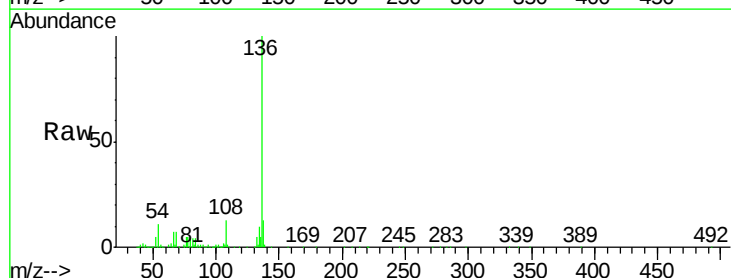
Ion Ratio Lower Upper

136 100

137 12.6 9.6 14.4

54 10.6 7.3 10.9

68 7.1 5.3 7.9

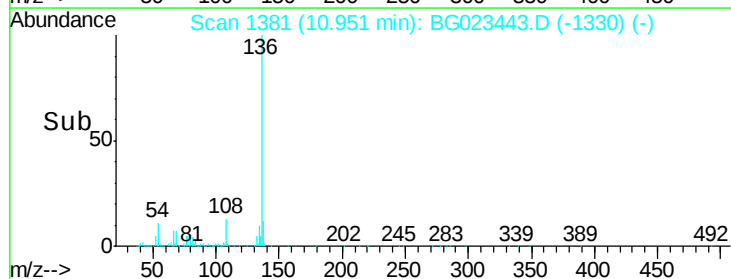
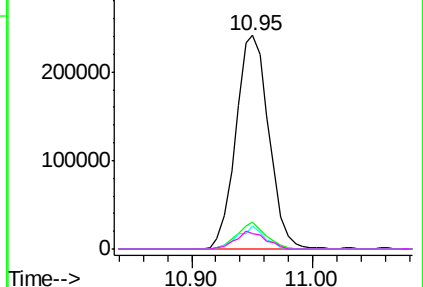


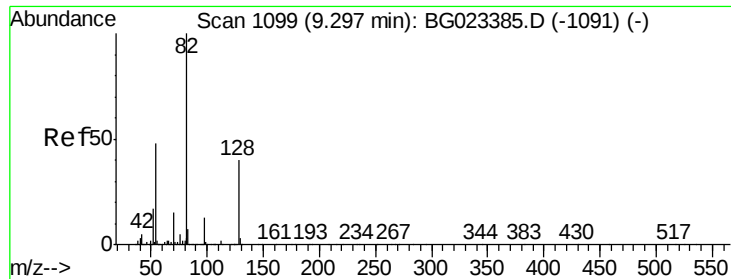
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

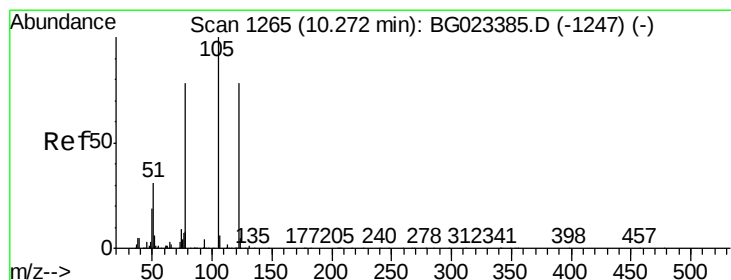
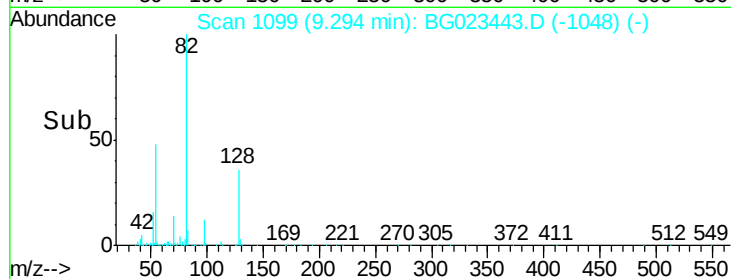
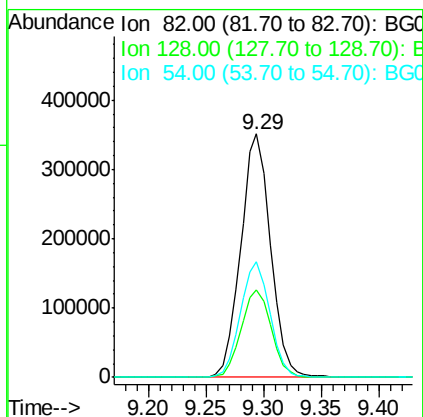
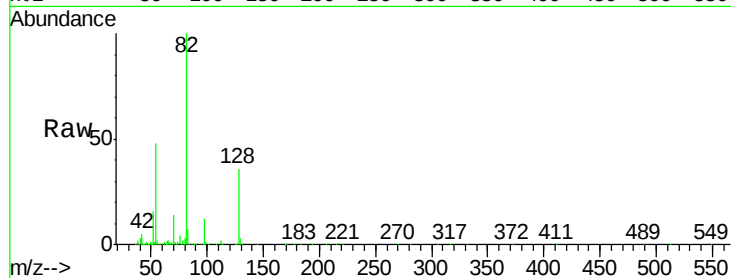




#23
 Nitrobenzene-d5
 Concen: 68.31 ng
 RT: 9.29 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BG023443.D
 Acq: 4 Aug 2016 2:42

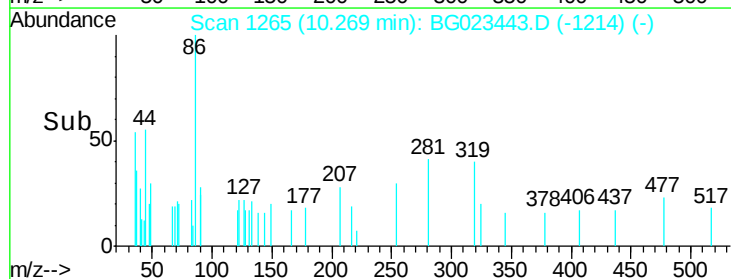
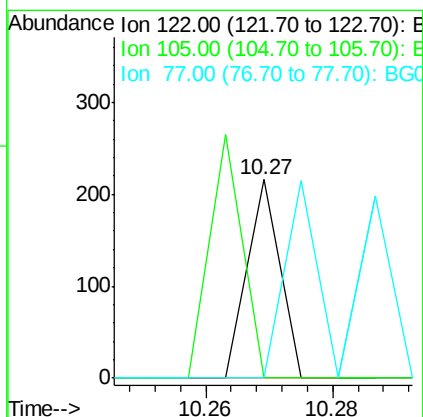
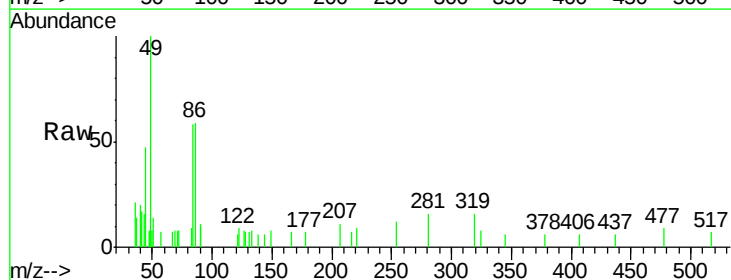
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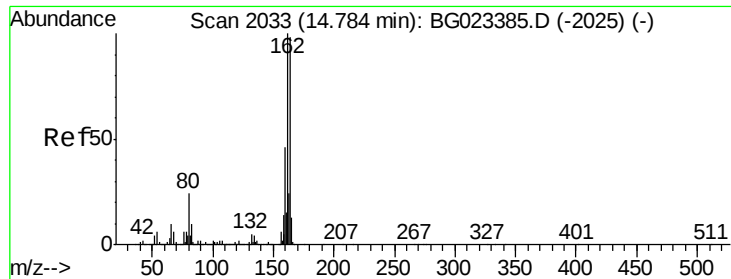
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.8	24.4	36.6
54	47.5	41.4	62.0



#32
 Benzoic acid
 Concen: 6.45 ng
 RT: 10.27 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG023443.D
 Acq: 4 Aug 2016 2:42

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

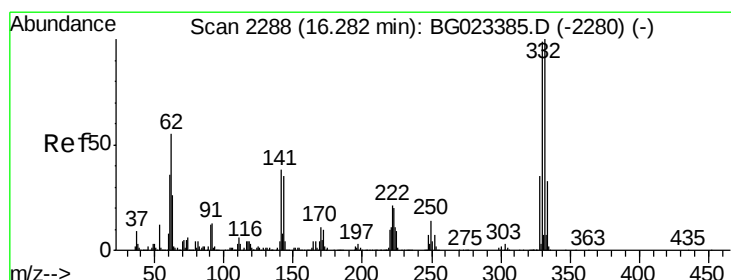
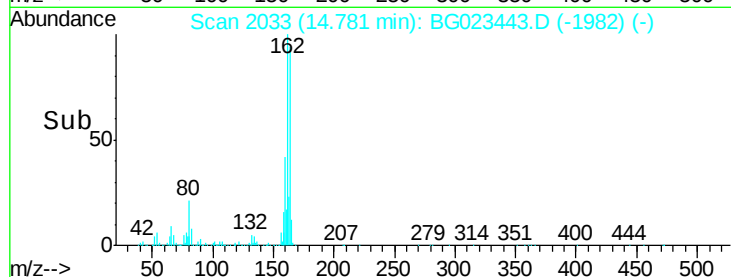
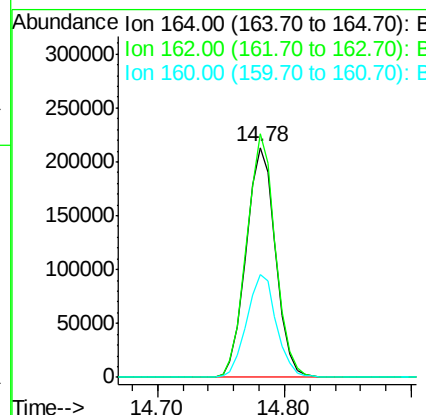
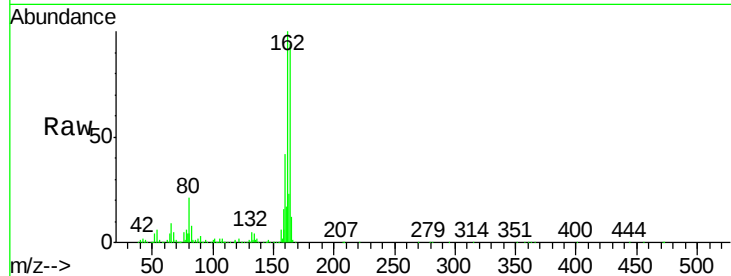




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG023443.D
Acq: 4 Aug 2016 2:42

Instrument :
BNA_G
ClientSampleId :
SB-58-18.0-19.0

Tgt Ion:164 Resp: 342664
Ion Ratio Lower Upper
164 100
162 106.0 87.7 131.5
160 44.8 37.2 55.8



#41
2,4,6-Tribromophenol
Concen: 145.90 ng
RT: 16.28 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG023443.D
Acq: 4 Aug 2016 2:42

Tgt Ion:330 Resp: 731278
Ion Ratio Lower Upper
330 100
332 98.0 77.4 116.2
141 37.2 31.7 47.5

