

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092116\
 Data File : BG024064.D
 Acq On : 21 Sep 2016 20:53
 Operator : UM/SJ
 Sample : H4919-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YORK-SB2-07-DUP

Quant Time: Sep 22 07:23:20 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 19:01:00 2016
 Response via : Initial Calibration

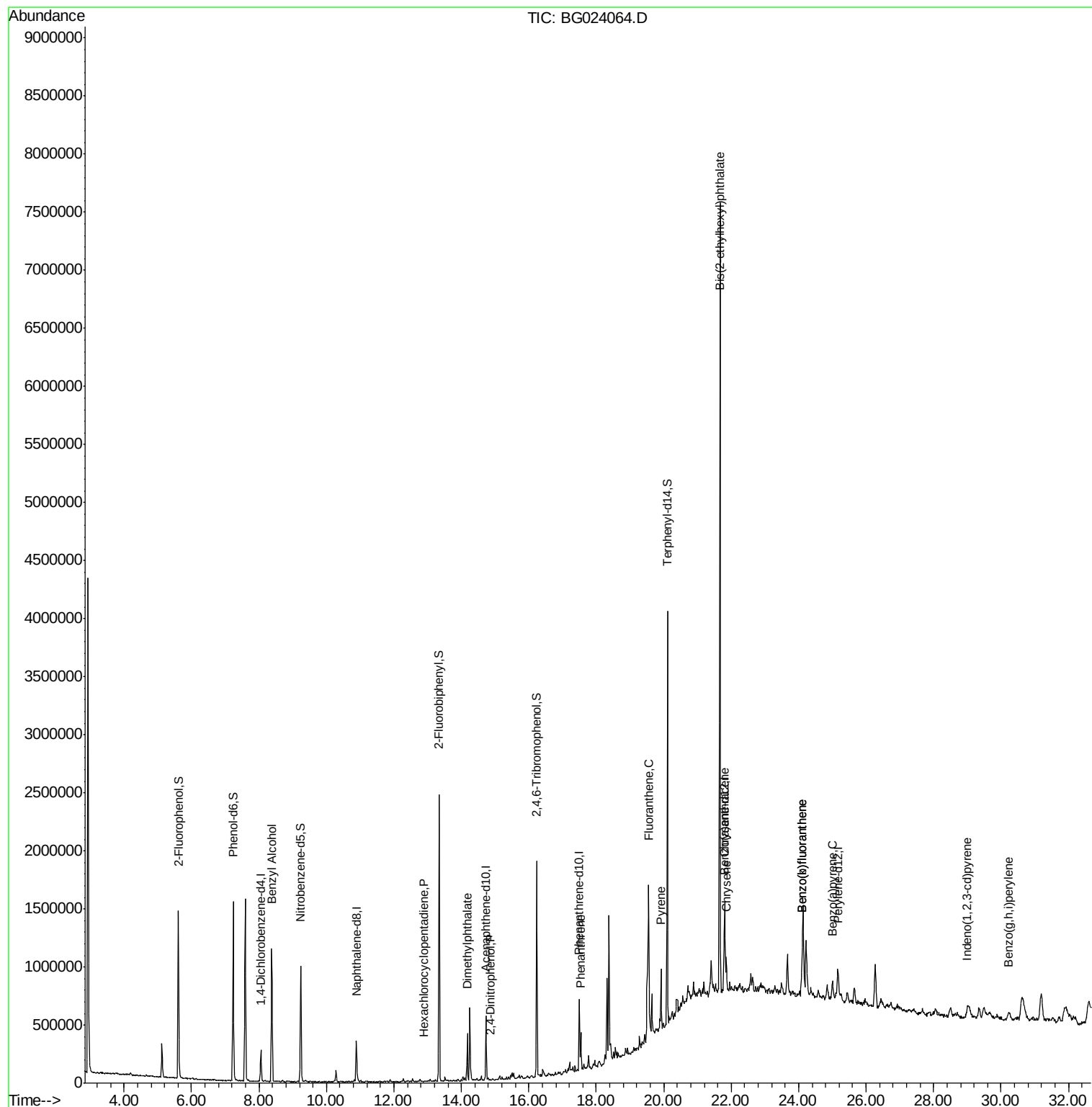
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	68310	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	280180	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	190681	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	352191	20.00	ng	0.00
75) Chrysene-d12	21.81	240	378931	20.00	ng	0.00
86) Perylene-d12	25.16	264	356172	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	547587	140.74	ng	0.00
7) Phenol-d6	7.23	99	837894	139.90	ng	0.01
23) Nitrobenzene-d5	9.24	82	646958	103.09	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	333971	97.21	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1152791	86.68	ng	0.00
78) Terphenyl-d14	20.11	244	1426582	85.74	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.38	79	12748	2.41	ng	# 57
40) Hexachlorocyclopentadiene	12.89	237	62	7.10	ng	# 26
49) Dimethylphthalate	14.18	163	245405	15.01	ng	99
53) 2,4-Dinitrophenol	14.87	184	82	6.54	ng	# 26
70) Phenanthrene	17.54	178	184315	10.06	ng	93
74) Fluoranthene	19.56	202	362344	16.43	ng	94
77) Pyrene	19.92	202	333327	14.30	ng	# 91
80) Benzo(a)anthracene	21.79	228	207727	9.79	ng	94
82) Chrysene	21.85	228	230619	11.42	ng	97
83) Bis(2-ethylhexyl)phthalate	21.66	149	2327730	189.24	ng	# 92
85) Indeno(1,2,3-cd)pyrene	29.01	276	109682	4.91	ng	# 100
87) Benzo(b)fluoranthene	24.10	252	281449	13.91	ng	# 96
88) Benzo(k)fluoranthene	24.10	252	281449	14.03	ng	# 95
89) Benzo(a)pyrene	25.00	252	173571	9.03	ng	# 95
91) Benzo(g,h,i)perylene	30.22	276	90472	4.98	ng	# 90

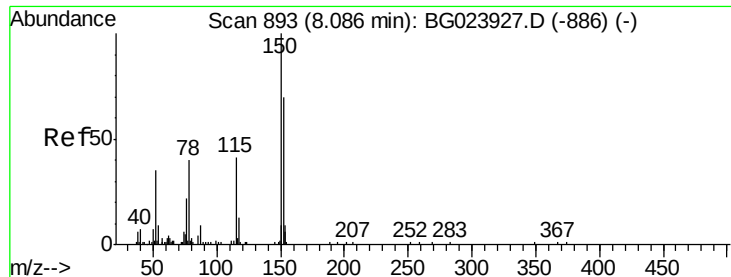
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 888

Delta R.T. 0.01 min

Lab File: BG024064.D

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ClientSampleId :

YORK-SB2-07-DUP

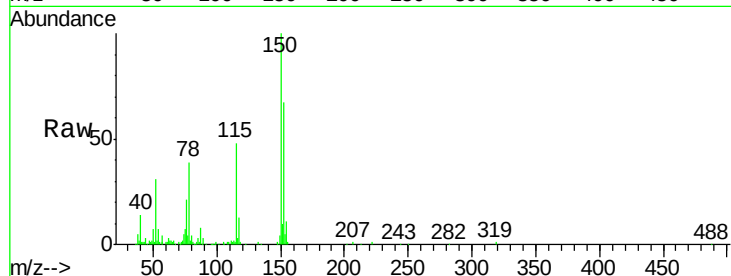
Tgt Ion:152 Resp: 68310

Ion Ratio Lower Upper

152 100

150 149.5 144.7 217.1

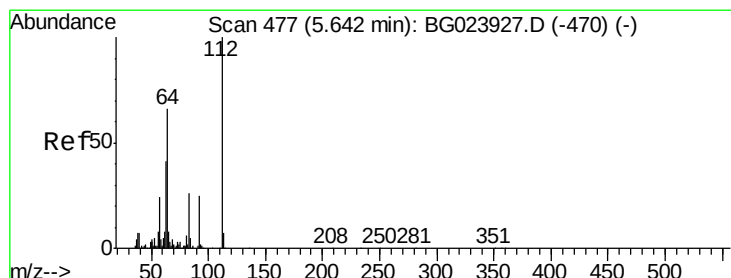
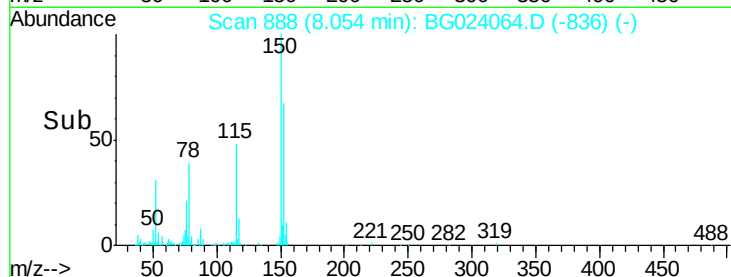
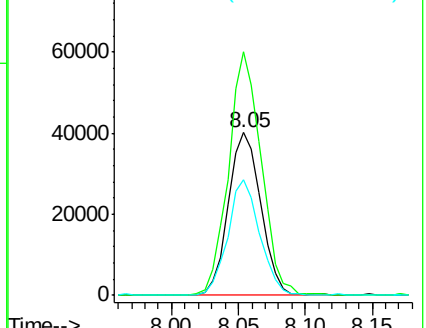
115 71.3 64.0 96.0



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: 140.74 ng

RT: 5.61 min Scan# 472

Delta R.T. 0.01 min

Lab File: BG024064.D

Acq: 21 Sep 2016 20:53

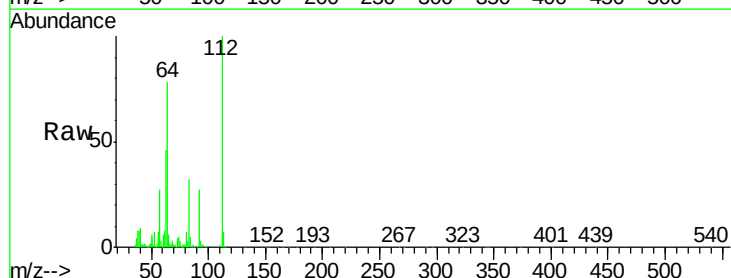
Tgt Ion:112 Resp: 547587

Ion Ratio Lower Upper

112 100

64 78.1 59.0 88.4

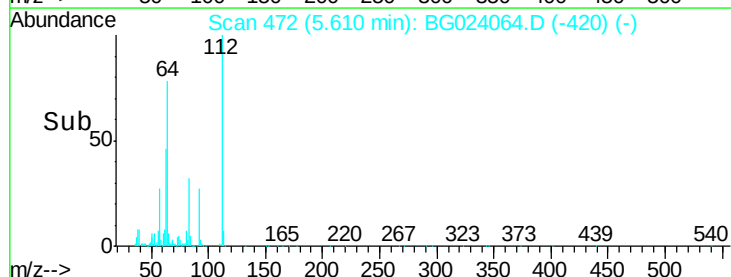
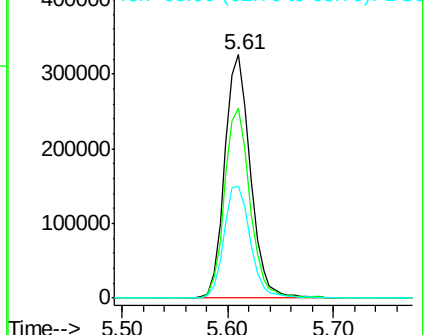
63 45.8 37.8 56.8

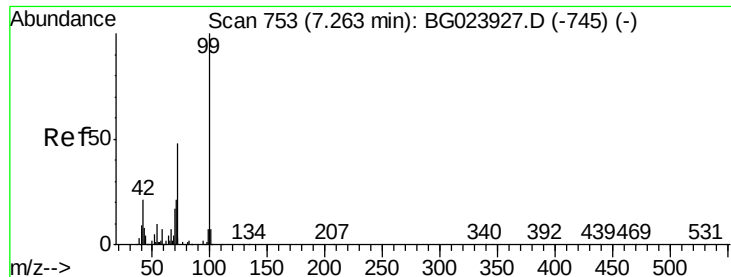


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 139.90 ng

RT: 7.23 min Scan# 748

Delta R.T. 0.01 min

Lab File: BG024064.D

Acq: 21 Sep 2016 20:53

Instrument :

BNA_G

ClientSampleId :

YORK-SB2-07-DUP

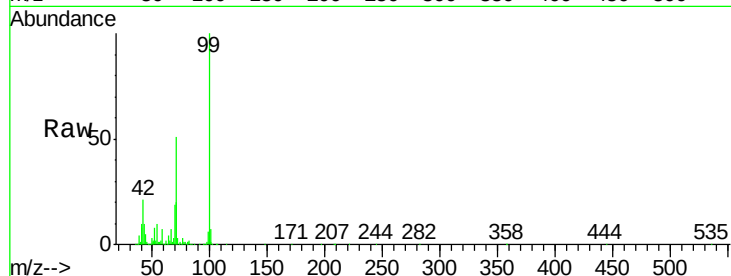
Tgt Ion: 99 Resp: 837894

Ion Ratio Lower Upper

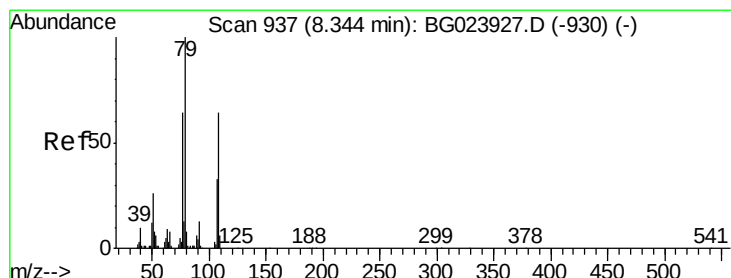
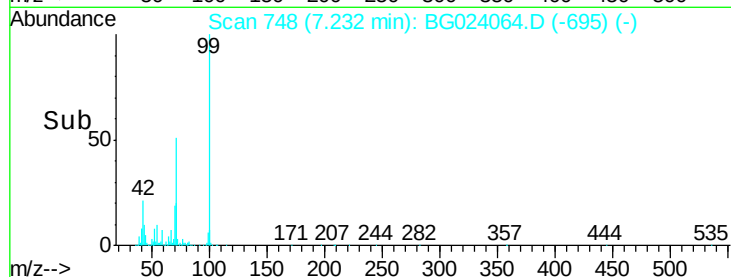
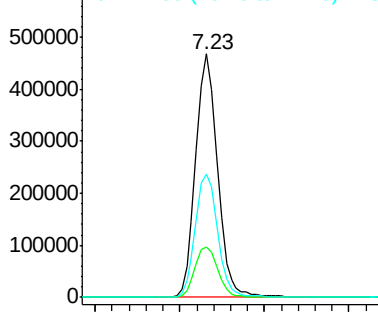
99 100

42 20.7 17.8 26.6

71 50.6 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: 2.41 ng

RT: 8.38 min Scan# 943

Delta R.T. 0.08 min

Lab File: BG024064.D

Acq: 21 Sep 2016 20:53

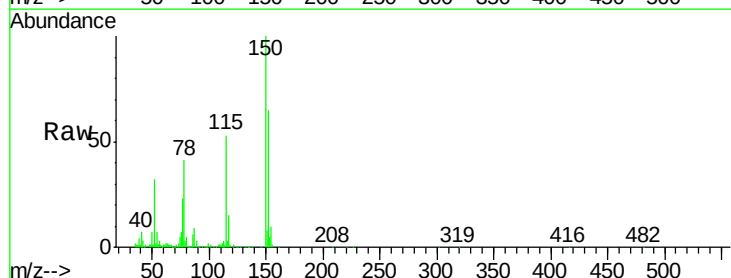
Tgt Ion: 79 Resp: 12748

Ion Ratio Lower Upper

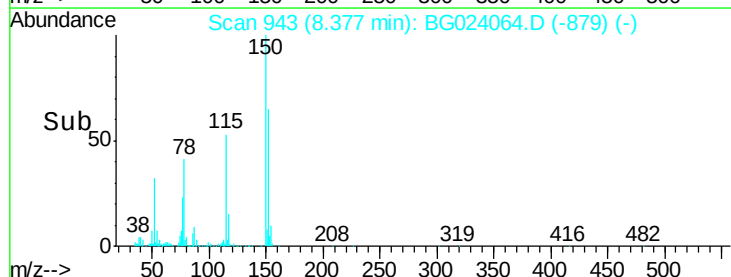
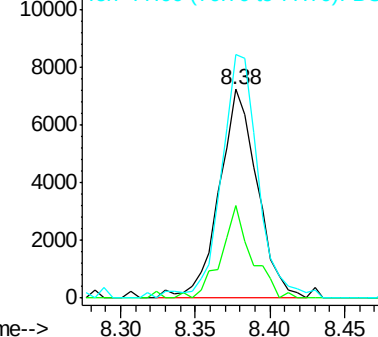
79 100

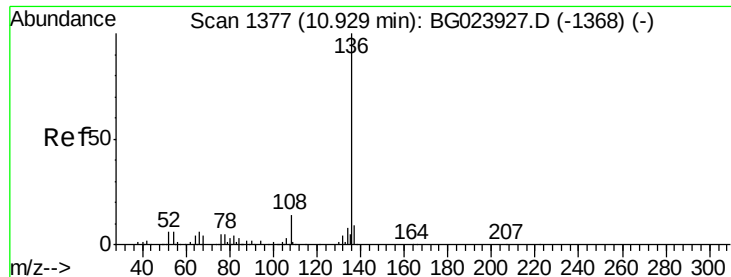
108 44.3 46.5 69.7#

77 116.5 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

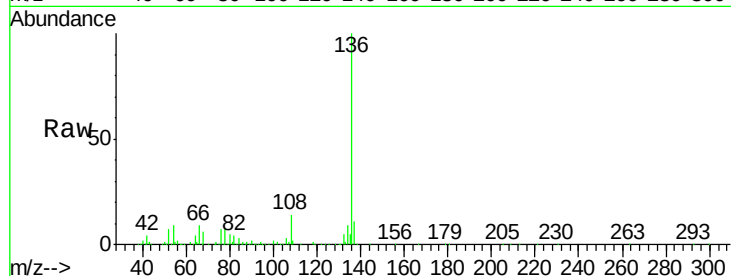




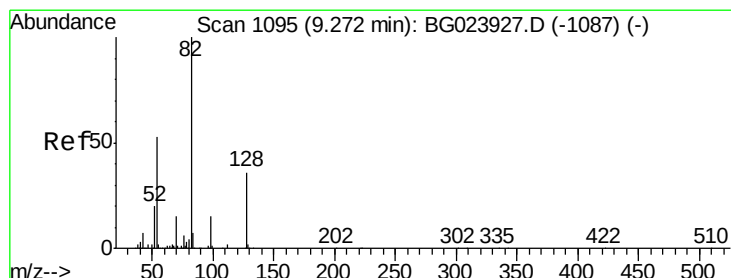
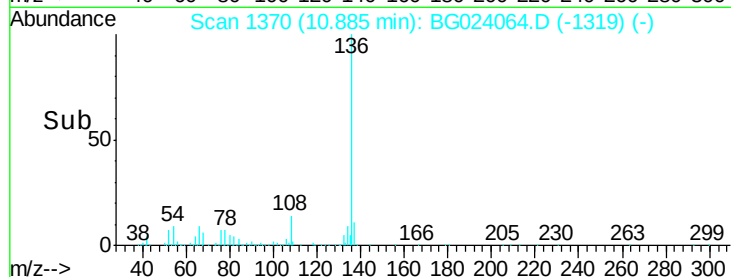
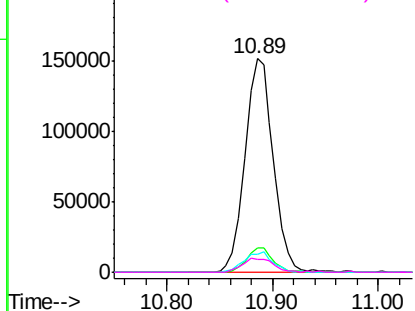
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG024064.D
Acq: 21 Sep 2016 20:53

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-07-DUP

Tgt Ion:	136	Resp:	280180
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	8.5	7.3	10.9
68	6.3	5.3	7.9

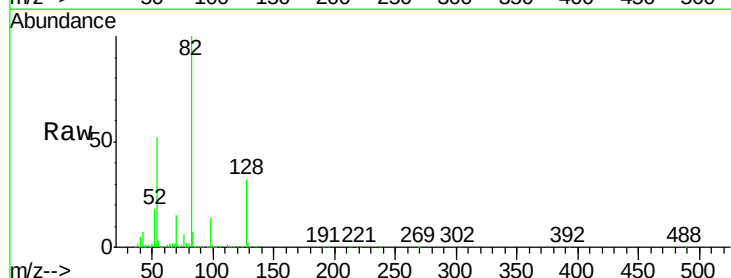


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

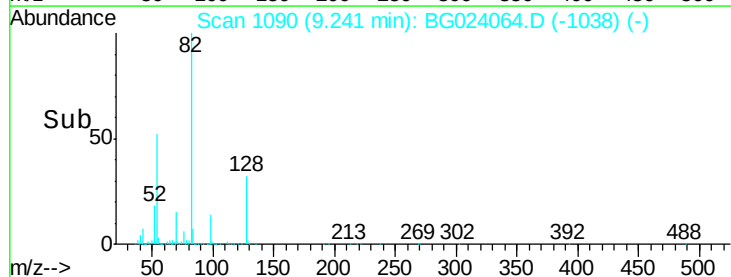
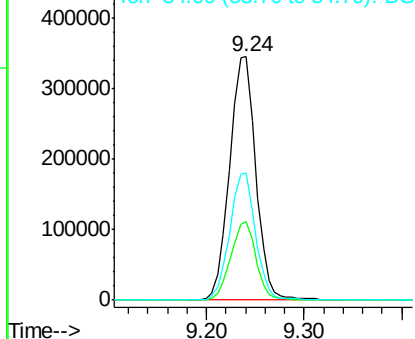


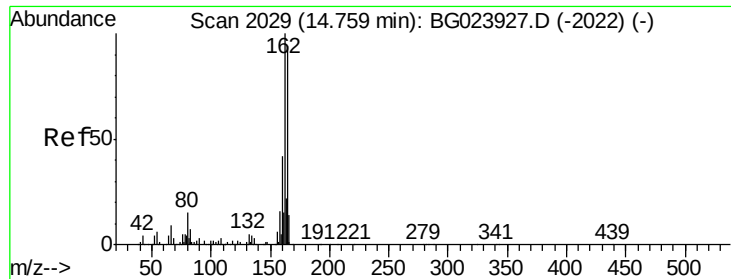
#23
Nitrobenzene-d5
Concen: 103.09 ng
RT: 9.24 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BG024064.D
Acq: 21 Sep 2016 20:53

Tgt Ion:	82	Resp:	646958
Ion	Ratio	Lower	Upper
82	100		
128	32.2	24.4	36.6
54	52.3	41.4	62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.73 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BG024064.D

Acq: 21 Sep 2016 20:53

Instrument :

BNA_G

ClientSampleId :

YORK-SB2-07-DUP

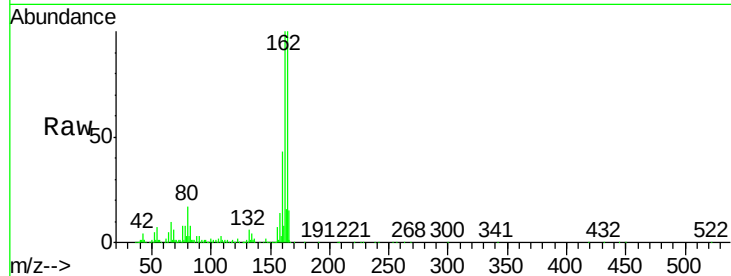
Tgt Ion:164 Resp: 190681

Ion Ratio Lower Upper

164 100

162 100.5 87.7 131.5

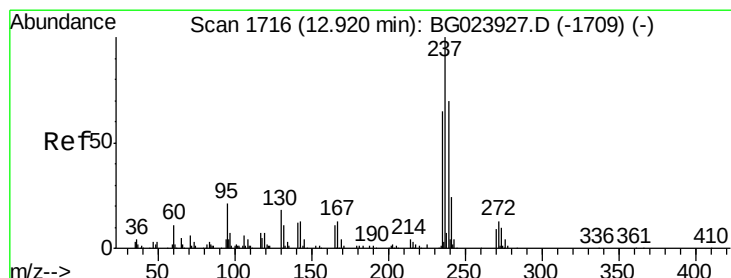
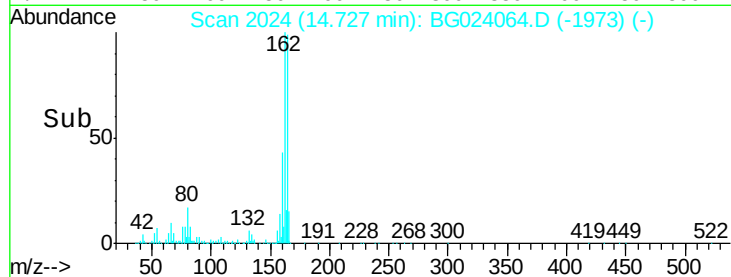
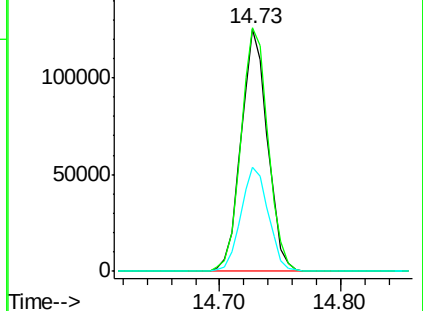
160 42.7 37.2 55.8



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



#40

Hexachlorocyclopentadiene

Concen: 7.10 ng

RT: 12.89 min Scan# 1711

Delta R.T. 0.01 min

Lab File: BG024064.D

Acq: 21 Sep 2016 20:53

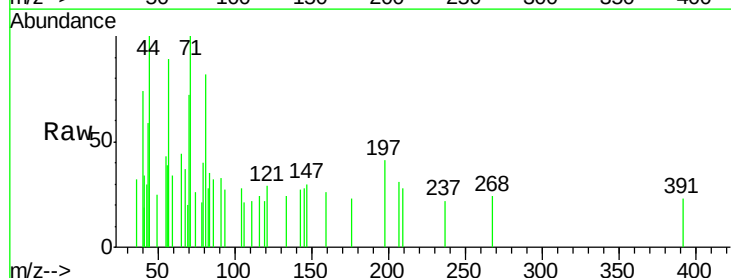
Tgt Ion:237 Resp: 62

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

272 0.0 0.0 30.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

