

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024091.D
 Acq On : 23 Sep 2016 17:30
 Operator : UM/SJ
 Sample : H4803-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WP

Quant Time: Sep 24 00:23:36 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	43397	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	207504	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	174930	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	385614	20.00	ng	0.00
75) Chrysene-d12	21.79	240	410497	20.00	ng	0.00
86) Perylene-d12	25.13	264	396314	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	344947	137.71	ng	0.00
7) Phenol-d6	7.21	99	553131	131.23	ng	0.00
23) Nitrobenzene-d5	9.22	82	421089	79.98	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	300901	119.67	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	882591	84.81	ng	0.00
78) Terphenyl-d14	20.10	244	1496258	74.64	ng	0.00

Target Compounds						Qvalue
6) Aniline	7.45	93	483571	81.68	ng	# 48
10) Phenol	7.45	94	17335	3.91	ng	# 1
11) bis(2-Chloroethyl)ether	7.45	93	483571	138.39	ng	88
12) 1,3-Dichlorobenzene	7.93	146	492868	147.39	ng	98
13) 1,4-Dichlorobenzene	8.08	146	226327	66.32	ng	97
14) 1,2-Dichlorobenzene	8.40	146	337180	101.51	ng	92
24) Nitrobenzene	9.26	77	220073	38.99	ng	97
25) Isophorone	9.78	82	217094	20.22	ng	98
31) Naphthalene	10.93	128	206702	19.66	ng	97
32) Benzoic acid	10.15	122	62	2.18	ng	# 1
33) 4-Chloroaniline	10.93	127	26918	5.74	ng	# 35
34) Hexachlorobutadiene	11.20	225	229410	78.15	ng	96
37) 2-Methylnaphthalene	12.54	142	551630	68.53	ng	99
48) Acenaphthylene	14.44	152	2024392	133.51	ng	97
49) Dimethylphthalate	14.16	163	1135562	84.62	ng	98
50) 2,6-Dinitrotoluene	14.16	165	12295	4.36	ng	# 1
51) Acenaphthene	14.78	154	595670	64.77	ng	98
53) 2,4-Dinitrophenol	15.00	184	77	2.50	ng	# 10
55) 4-Nitrophenol	15.13	139	2731	6.49	ng	# 1
57) Fluorene	15.78	166	1779415	142.78	ng	98
59) Diethylphthalate	15.53	149	1158680	80.18	ng	99
60) 4-Chlorophenyl-phenylether	15.76	204	841544	126.04	ng	94
61) 4-Nitroaniline	15.77	138	34243	11.74	ng	# 1
65) n-Nitrosodiphenylamine	15.76	169	96005	9.10	ng	# 59
66) 4-Bromophenyl-phenylether	16.66	248	723230	161.69	ng	98
67) Hexachlorobenzene	16.79	284	444324	88.16	ng	96
69) Pentachlorophenol	17.09	266	57	3.58	ng	# 18
70) Phenanthrene	17.62	178	1188867	60.53	ng	98
71) Anthracene	17.62	178	1188867	58.93	ng	98
73) Di-n-butylphthalate	18.43	149	1377909	56.05	ng	98
74) Fluoranthene	19.55	202	3214019	125.34	ng	89
79) Butylbenzylphthalate	20.78	149	1293721	122.57	ng	99
80) Benzo(a)anthracene	21.77	228	1042609	44.62	ng	95
82) Chrysene	21.85	228	1868147	85.05	ng	96

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QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration

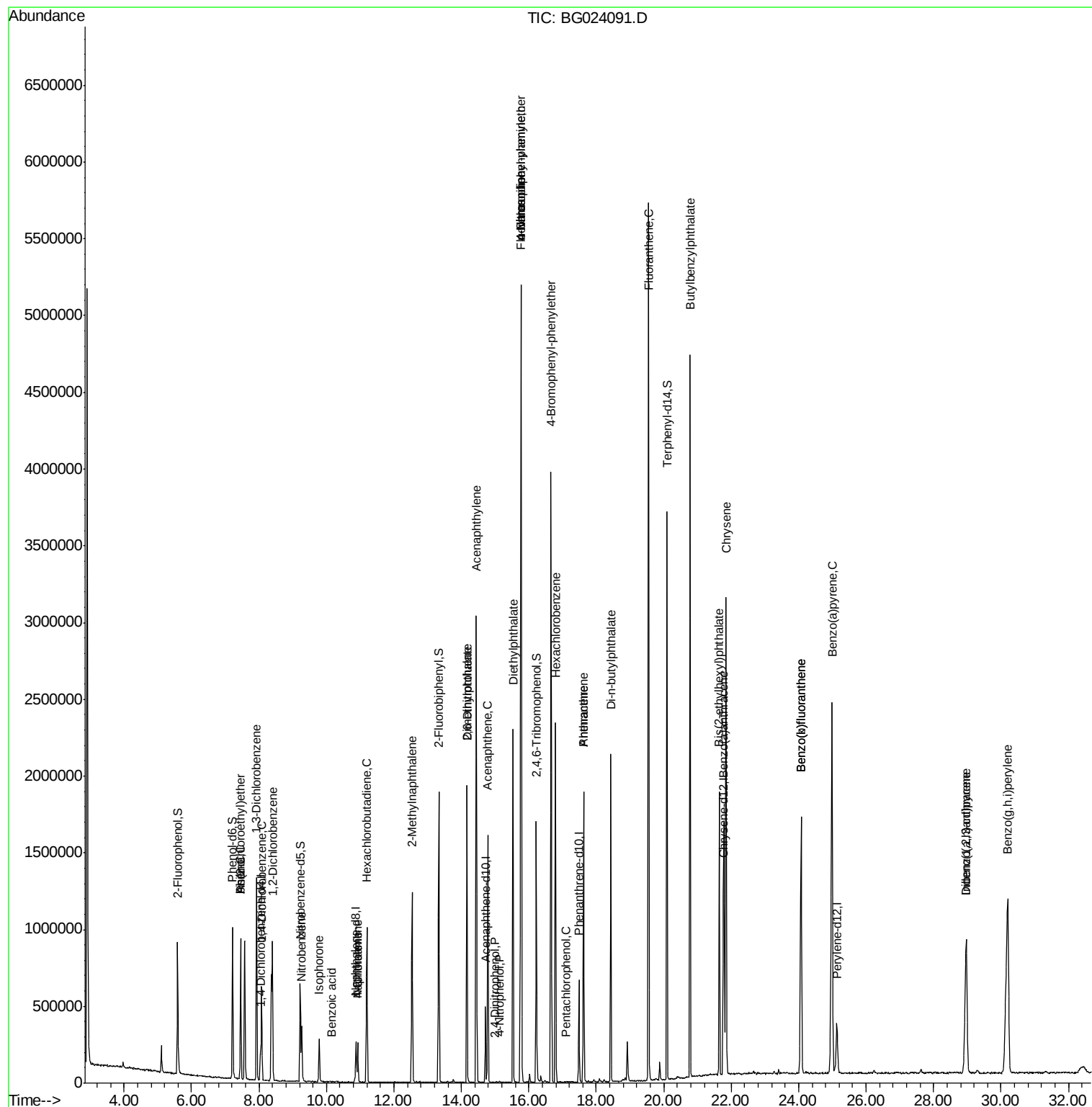
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Bis(2-ethylhexyl)phthalate	21.65	149	721223	57.19	ng	94
85) Indeno(1,2,3-cd)pyrene	28.97	276	1560374	63.70	ng	# 100
87) Benzo(b)fluoranthene	24.07	252	1654326	71.75	ng	99
88) Benzo(k)fluoranthene	24.07	252	1654326	72.25	ng	# 99
89) Benzo(a)pyrene	25.00	252	2877811	129.11	ng	# 96
90) Dibenzo(a,h)anthracene	28.97	278	44920	2.02	ng	# 69
91) Benzo(g,h,i)perylene	30.20	276	2584411	115.25	ng	# 95

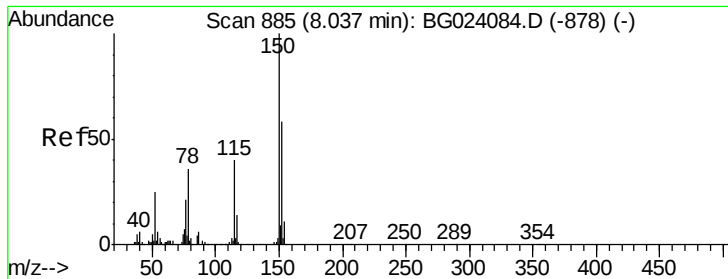
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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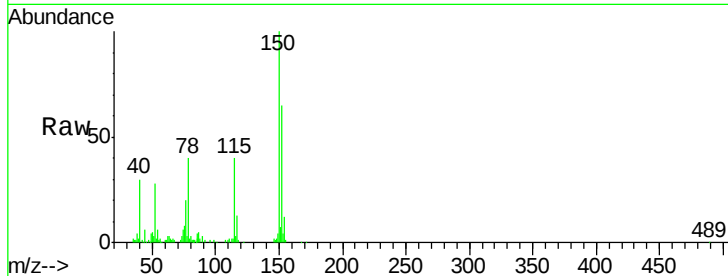


#1

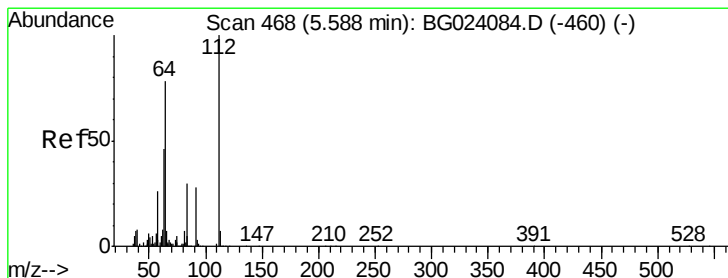
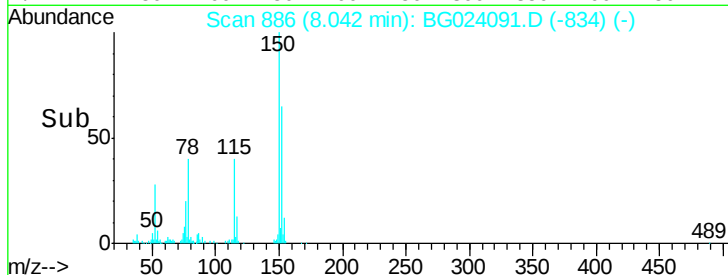
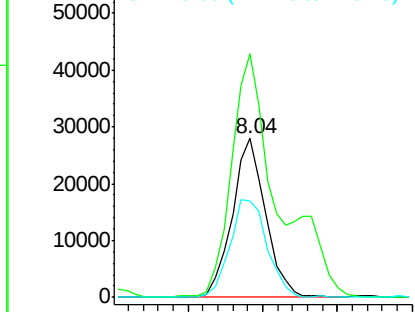
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 886
Delta R.T. 0.00 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tgt Ion:152 Resp: 43397
Ion Ratio Lower Upper
152 100
150 153.5 144.7 217.1
115 60.9 64.0 96.0#



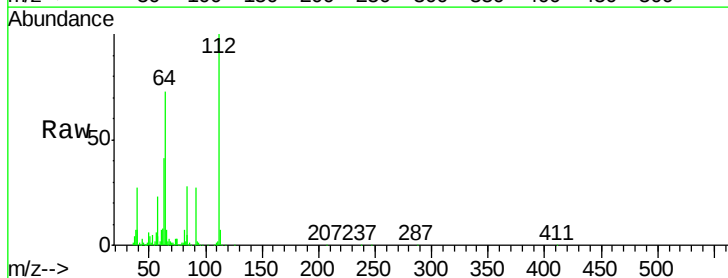
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



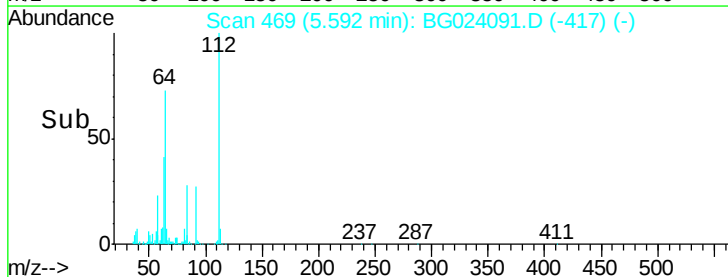
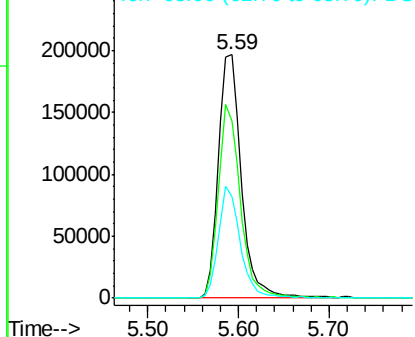
#5

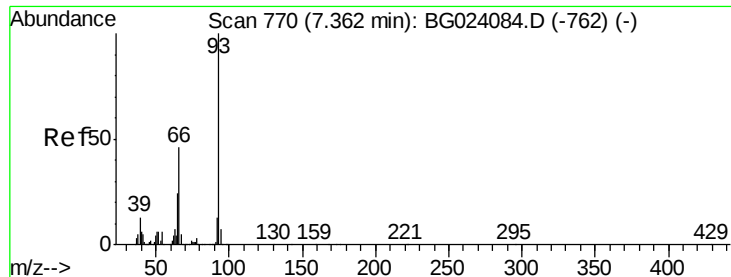
2-Fluorophenol
Concen: 137.71 ng
RT: 5.59 min Scan# 469
Delta R.T. 0.01 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Tgt Ion:112 Resp: 344947
Ion Ratio Lower Upper
112 100
64 72.9 59.0 88.4
63 41.5 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





#6

Aniline

Concen: 81.68 ng

RT: 7.45 min Scan# 786

Delta R.T. 0.09 min

Lab File: BG024091.D

Acq: 23 Sep 2016 17:30

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP

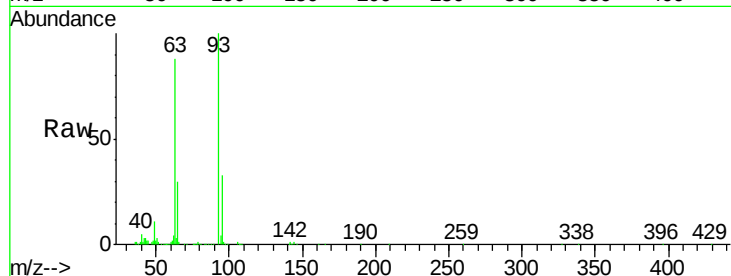
Tgt Ion: 93 Resp: 483571

Ion Ratio Lower Upper

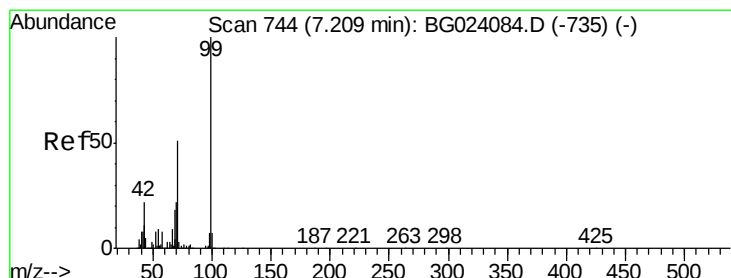
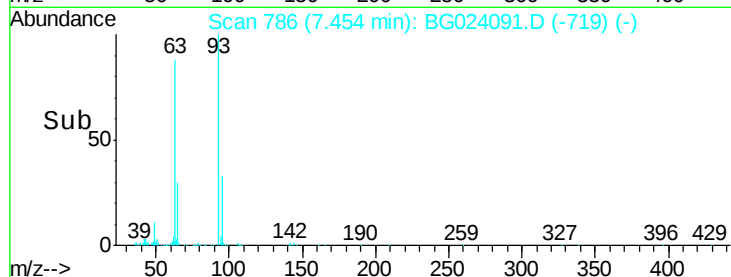
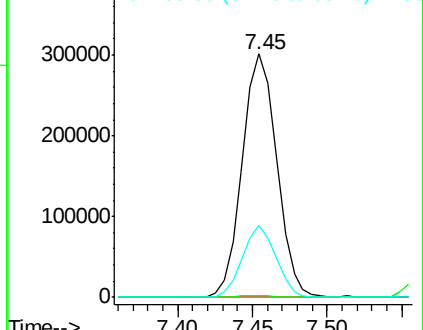
93 100

66 0.6 37.5 56.3#

65 29.8 17.9 26.9#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 131.23 ng

RT: 7.21 min Scan# 745

Delta R.T. 0.00 min

Lab File: BG024091.D

Acq: 23 Sep 2016 17:30

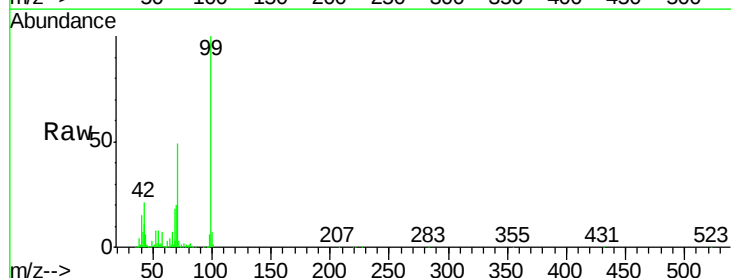
Tgt Ion: 99 Resp: 553131

Ion Ratio Lower Upper

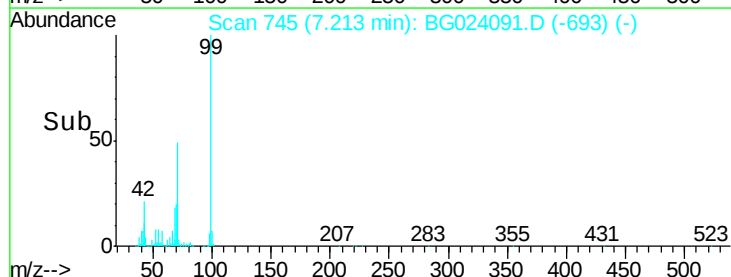
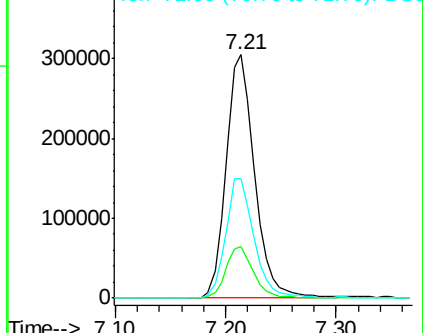
99 100

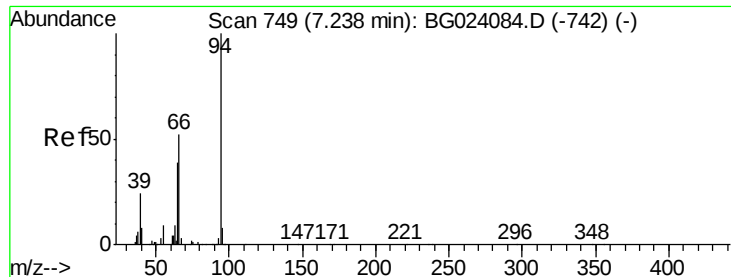
42 21.2 17.8 26.6

71 48.8 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





#10

Phenol

Concen: 3.91 ng

RT: 7.45 min Scan# 786

Delta R.T. 0.22 min

Lab File: BG024091.D

Acq: 23 Sep 2016 17:30

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP

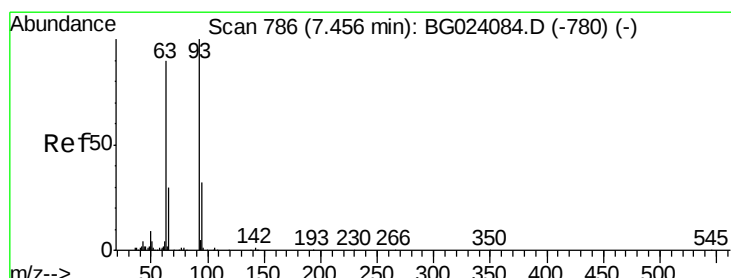
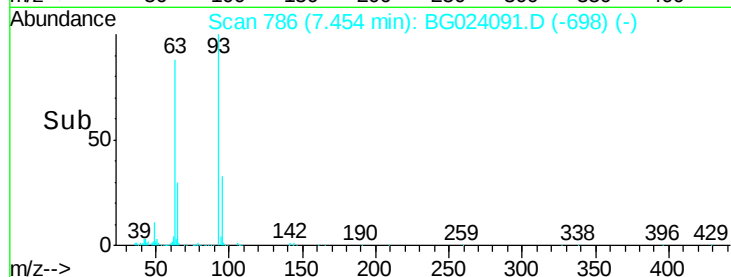
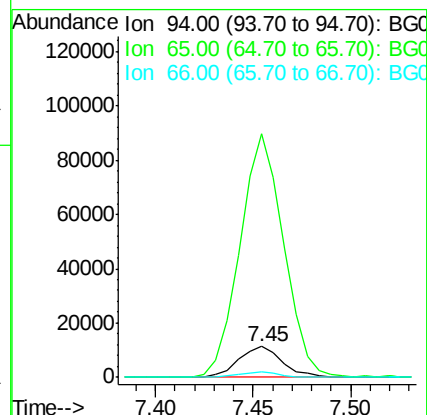
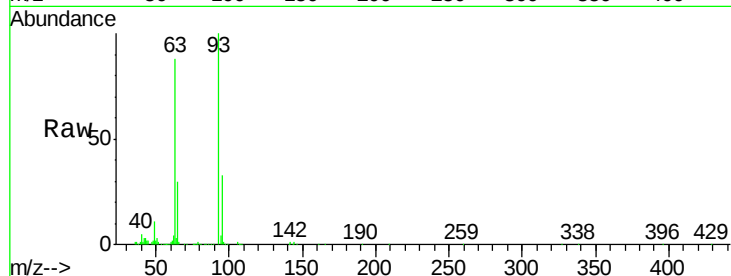
Tgt Ion: 94 Resp: 17335

Ion Ratio Lower Upper

94 100

65 789.6 18.1 58.1#

66 15.9 42.1 82.1#



#11

bis(2-Chloroethyl)ether

Concen: 138.39 ng

RT: 7.45 min Scan# 786

Delta R.T. -0.00 min

Lab File: BG024091.D

Acq: 23 Sep 2016 17:30

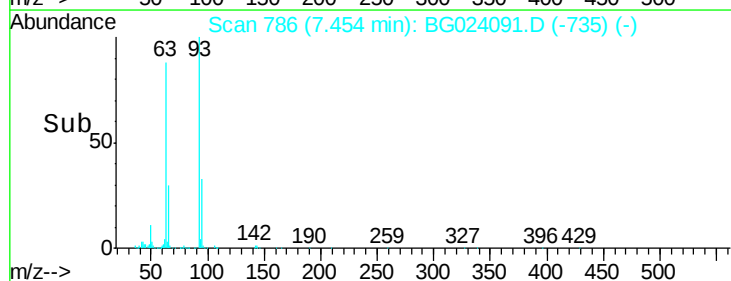
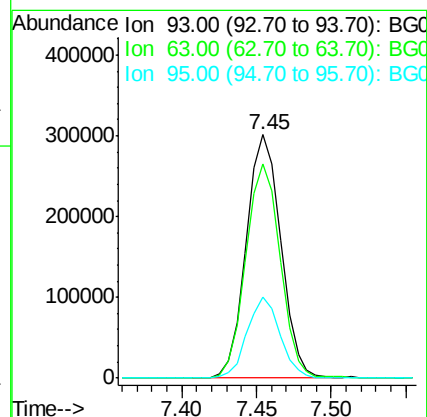
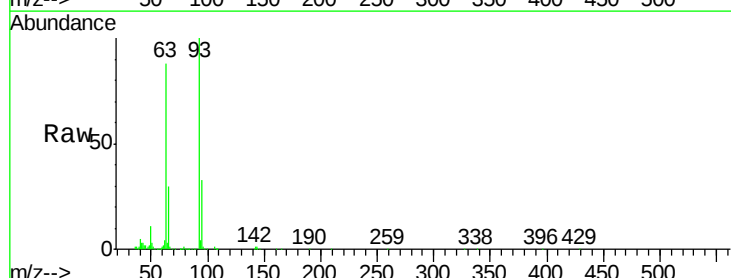
Tgt Ion: 93 Resp: 483571

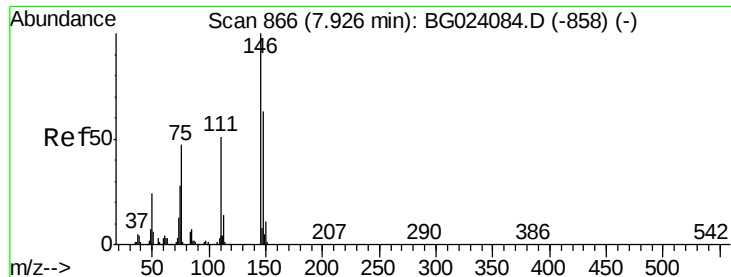
Ion Ratio Lower Upper

93 100

63 88.0 55.0 95.0

95 33.1 11.0 51.0





#12

1,3-Dichlorobenzene

Concen: 147.39 ng

RT: 7.93 min Scan# 867

Delta R.T. 0.00 min

Lab File: BG024091.D

Acq: 23 Sep 2016 17:30

Instrument :

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ClientSampleId :

PT-BN-WP

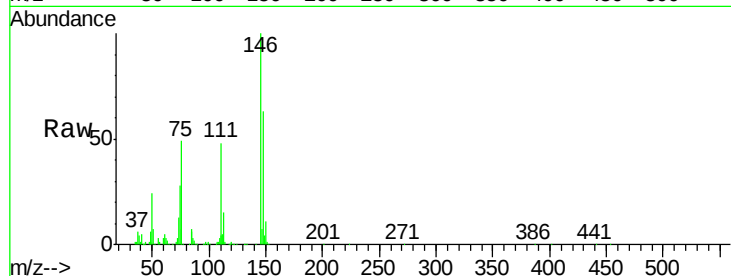
Tgt Ion:146 Resp: 492868

Ion Ratio Lower Upper

146 100

148 63.3 50.3 75.5

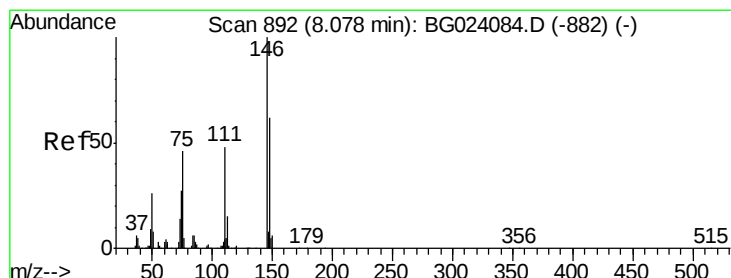
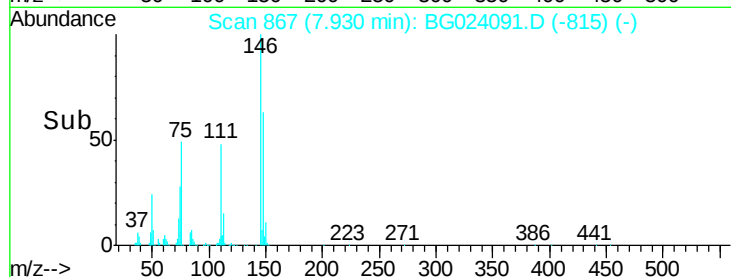
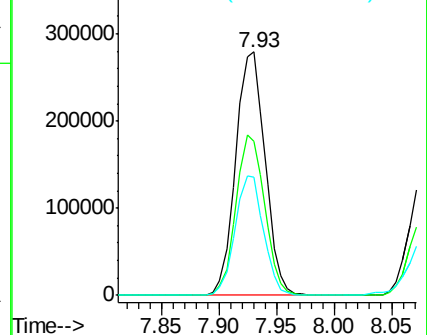
75 48.8 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): B



#13

1,4-Dichlorobenzene

Concen: 66.32 ng

RT: 8.08 min Scan# 892

Delta R.T. -0.00 min

Lab File: BG024091.D

Acq: 23 Sep 2016 17:30

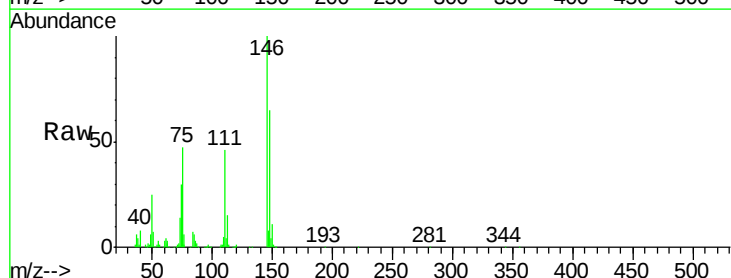
Tgt Ion:146 Resp: 226327

Ion Ratio Lower Upper

146 100

148 64.6 54.5 81.7

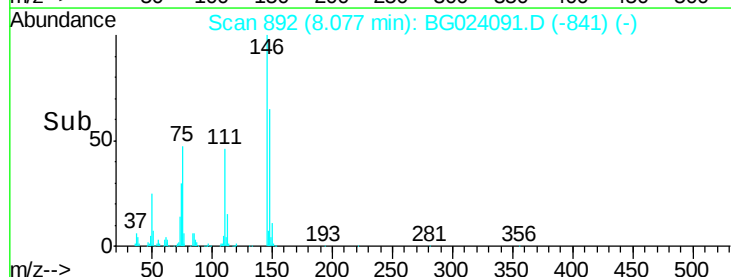
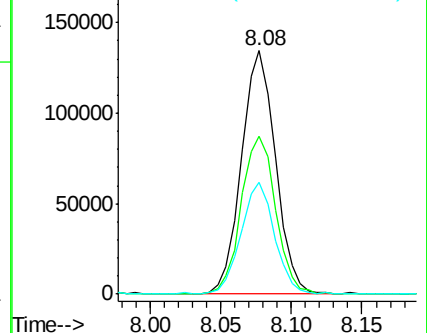
111 46.0 37.8 56.8

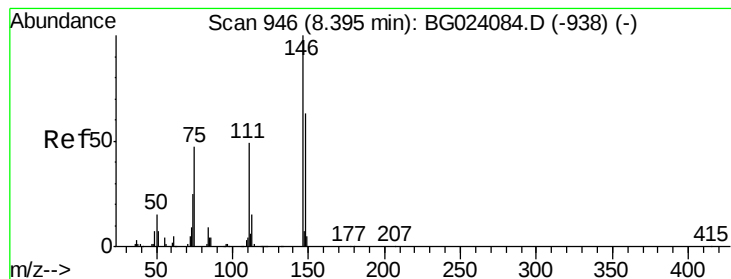


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 101.51 ng

RT: 8.40 min Scan# 947

Delta R.T. 0.00 min

Lab File: BG024091.D

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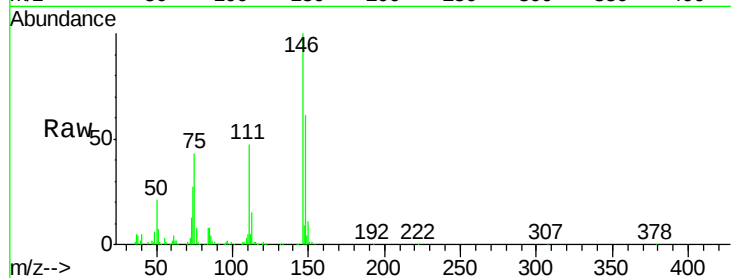
Tgt Ion:146 Resp: 337180

Ion Ratio Lower Upper

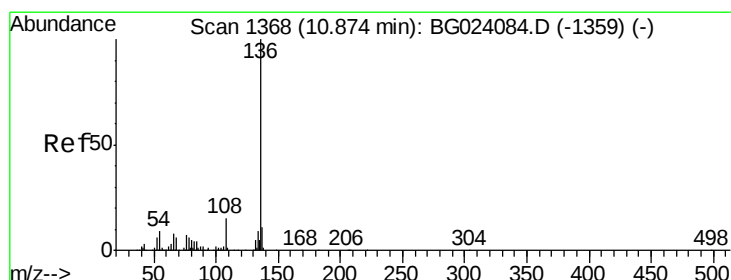
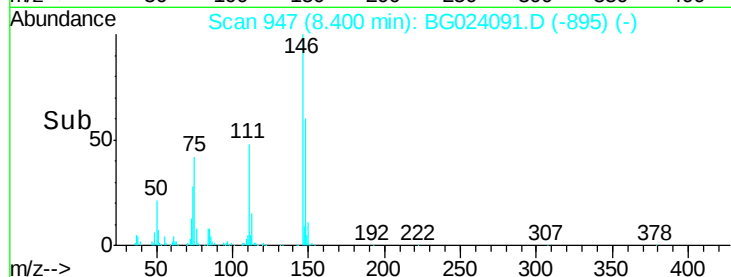
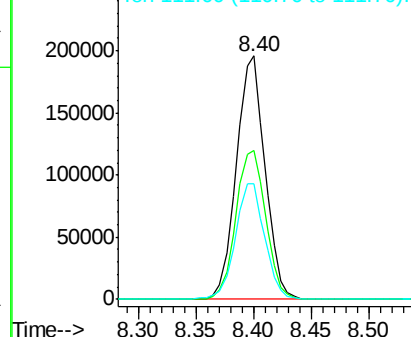
146 100

148 61.1 52.9 79.3

111 47.4 43.5 65.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.87 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BG024091.D

Acq: 23 Sep 2016 17:30

Tgt Ion:136 Resp: 207504

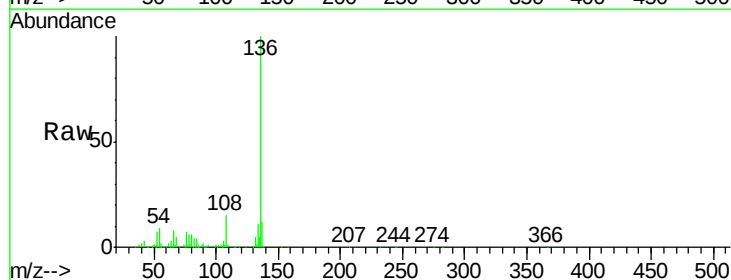
Ion Ratio Lower Upper

136 100

137 11.9 9.6 14.4

54 9.3 7.3 10.9

68 5.0 5.3 7.9#



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

