

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072616\
 Data File : BG023276.D
 Acq On : 26 Jul 2016 21:26
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Jul 27 01:50:40 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 01:43:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	190775	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	879960	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	561269	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1308655	20.00	ng	0.00
75) Chrysene-d12	21.90	240	1263017	20.00	ng	0.01
86) Perylene-d12	25.30	264	1266999	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	1048348	46.91	ng	0.00
7) Phenol-d6	7.29	99	1508120	43.95	ng	0.00
23) Nitrobenzene-d5	9.31	82	1528101	42.46	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	444198	38.23	ng	0.00
44) 2-Fluorobiphenyl	13.43	172	2528372	42.16	ng	0.00
78) Terphenyl-d14	20.18	244	2979901	38.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	239882	51.67	ng	# 90
3) Pyridine	3.94	79	706039	42.09	ng	93
4) n-Nitrosodimethylamine	3.86	42	309502	40.84	ng	# 88
6) Aniline	7.46	93	977624	42.66	ng	98
8) 2-Chlorophenol	7.70	128	557944	44.75	ng	99
9) Benzaldehyde	7.26	77	528322	42.87	ng	92
10) Phenol	7.32	94	802655	44.34	ng	82
11) bis(2-Chloroethyl)ether	7.55	93	679049	44.13	ng	91
12) 1,3-Dichlorobenzene	8.03	146	616757	43.90	ng	95
13) 1,4-Dichlorobenzene	8.17	146	624793	43.59	ng	97
14) 1,2-Dichlorobenzene	8.50	146	588757	42.58	ng	94
15) Benzyl Alcohol	8.37	79	497835	43.12	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.66	45	1094547	44.70	ng	89
17) 2-Methylphenol	8.58	107	517002	41.78	ng	# 89
18) Hexachloroethane	9.23	117	254889	42.68	ng	91
19) n-Nitroso-di-n-propylamine	8.94	70	632890	41.01	ng	96
20) 3+4-Methylphenols	8.91	107	727442	43.24	ng	87
22) Acetophenone	8.97	105	977556	42.55	ng	# 94
24) Nitrobenzene	9.36	77	894139	42.79	ng	# 88
25) Isophorone	9.88	82	1560260	41.98	ng	# 94
26) 2-Nitrophenol	10.08	139	350919	44.46	ng	# 77
27) 2,4-Dimethylphenol	10.13	122	569711	42.82	ng	86
28) bis(2-Chloroethoxy)methane	10.37	93	882669	42.33	ng	99
29) 2,4-Dichlorophenol	10.62	162	550004	42.70	ng	98
30) 1,2,4-Trichlorobenzene	10.84	180	587933	41.31	ng	94
31) Naphthalene	11.03	128	1704243	41.68	ng	97
32) Benzoic acid	10.27	122	385825	37.71	ng	91
33) 4-Chloroaniline	11.14	127	796467	42.16	ng	96
34) Hexachlorobutadiene	11.31	225	353858	37.93	ng	97
35) Caprolactam	11.91	113	236275	43.84	ng	# 83
36) 4-Chloro-3-methylphenol	12.26	107	690814	40.83	ng	88
37) 2-Methylnaphthalene	12.85	142	1206991	39.81	ng	90
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	746065	41.06	ng	98
40) Hexachlorocyclopentadiene	12.97	237	361795	42.02	ng	96

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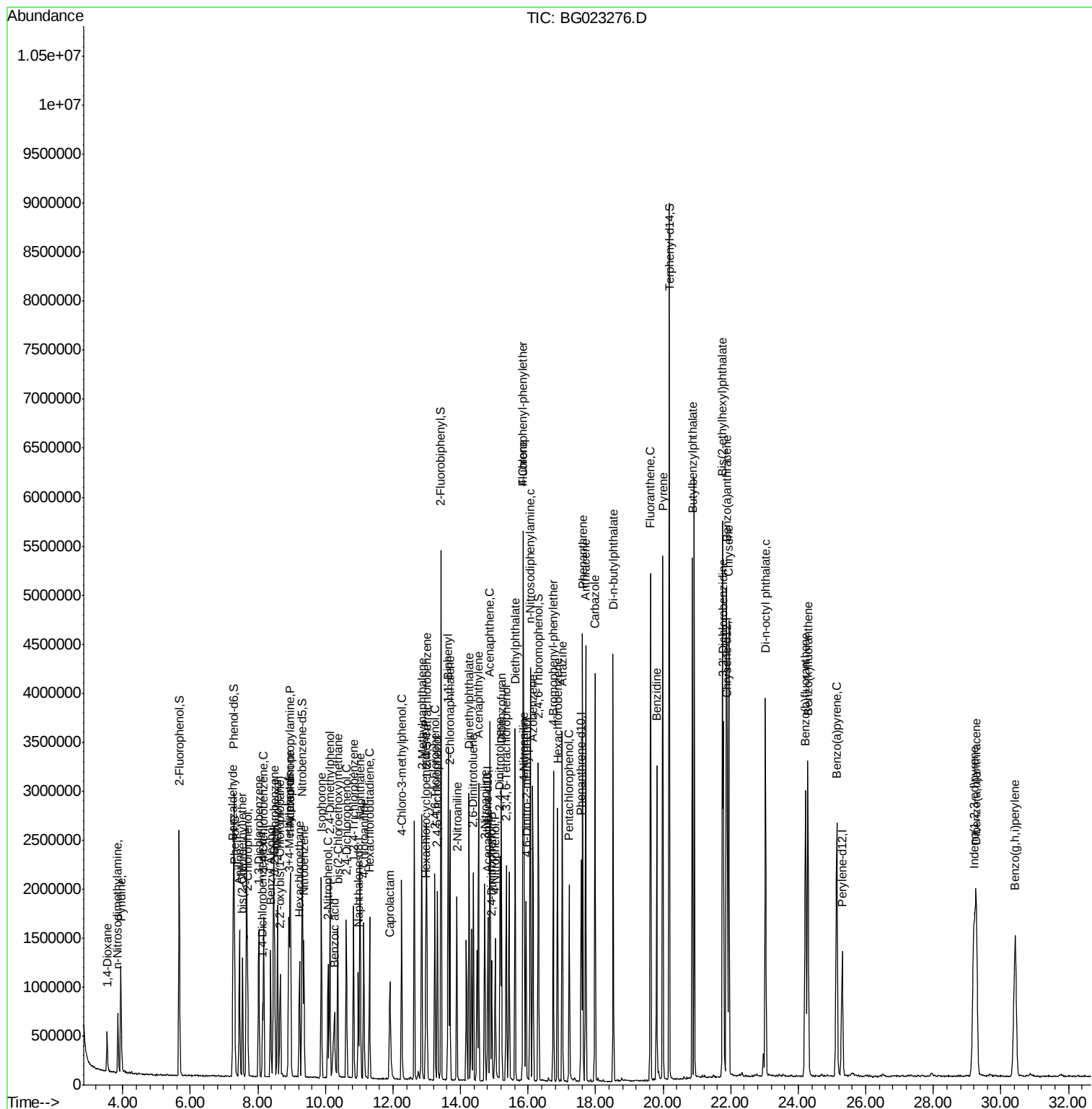
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42) 2,4,6-Trichlorophenol	13.24	196	457633	42.88	ng	98
43) 2,4,5-Trichlorophenol	13.31	196	479871	42.38	ng #	91
45) 1,1'-Biphenyl	13.64	154	1670823	44.39	ng	90
46) 2-Chloronaphthalene	13.68	162	1333997	42.53	ng	97
47) 2-Nitroaniline	13.89	65	595072	44.85	ng	93
48) Acenaphthylene	14.53	152	2067730	43.06	ng	93
49) Dimethylphthalate	14.25	163	1737220	41.94	ng	96
50) 2,6-Dinitrotoluene	14.38	165	423891	43.70	ng #	82
51) Acenaphthene	14.87	154	1321997	42.44	ng	97
52) 3-Nitroaniline	14.72	138	446580	45.71	ng #	84
53) 2,4-Dinitrophenol	14.92	184	246193	43.35	ng #	85
54) Dibenzofuran	15.21	168	1864502	42.30	ng	97
55) 4-Nitrophenol	15.03	139	405789	49.95	ng #	69
56) 2,4-Dinitrotoluene	15.17	165	612546	44.85	ng	96
57) Fluorene	15.86	166	1627273	41.81	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.35	232	403869	42.13	ng	97
59) Diethylphthalate	15.62	149	1799274	42.41	ng	95
60) 4-Chlorophenyl-phenylether	15.85	204	860508	40.84	ng	99
61) 4-Nitroaniline	15.88	138	489298	47.77	ng #	60
62) Azobenzene	16.14	77	1900981	43.22	ng	92
64) 4,6-Dinitro-2-methylphenol	15.94	198	376741	44.82	ng	90
65) n-Nitrosodiphenylamine	16.06	169	1470184	42.08	ng #	92
66) 4-Bromophenyl-phenylether	16.75	248	522991	39.52	ng	98
67) Hexachlorobenzene	16.87	284	506180	38.05	ng #	86
68) Atrazine	17.02	200	583727	43.56	ng	97
69) Pentachlorophenol	17.22	266	340385	41.45	ng	96
70) Phenanthrene	17.62	178	2498639	43.65	ng #	91
71) Anthracene	17.71	178	2572601	44.48	ng	94
72) Carbazole	17.98	167	2407527	45.45	ng	93
73) Di-n-butylphthalate	18.52	149	2837809	48.02	ng #	95
74) Fluoranthene	19.63	202	2837919	43.44	ng	87
76) Benzidine	19.81	184	1724256	48.51	ng #	94
77) Pyrene	19.99	202	2832799	39.52	ng #	90
79) Butylbenzylphthalate	20.86	149	1459973	46.30	ng	98
80) Benzo(a)anthracene	21.88	228	2737992	41.41	ng	95
81) 3,3'-Dichlorobenzidine	21.79	252	1154368	43.06	ng #	98
82) Chrysene	21.95	228	2608037	40.82	ng	92
83) Bis(2-ethylhexyl)phthalate	21.75	149	2003562	45.41	ng #	96
84) Di-n-octyl phthalate	23.03	149	3267205	45.27	ng #	94
85) Indeno(1,2,3-cd)pyrene	29.20	276	3236793	43.43	ng #	100
87) Benzo(b)fluoranthene	24.21	252	2830051	42.05	ng #	93
88) Benzo(k)fluoranthene	24.28	252	2763600	41.07	ng #	90
89) Benzo(a)pyrene	25.14	252	2771860	42.02	ng #	94
90) Dibenzo(a,h)anthracene	29.27	278	2630912	42.17	ng #	85
91) Benzo(g,h,i)perylene	30.42	276	2678148	40.79	ng #	84

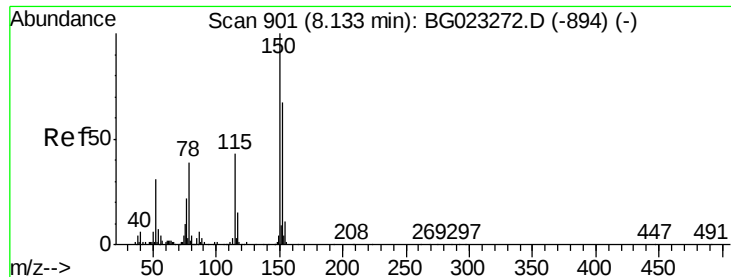
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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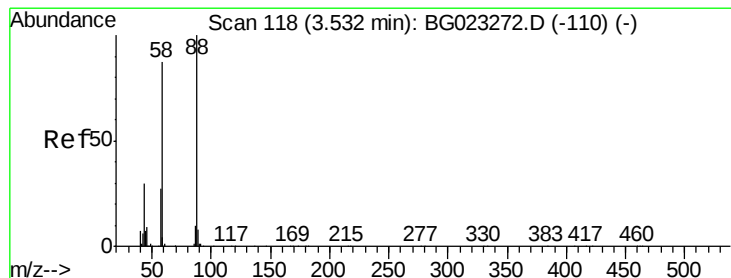
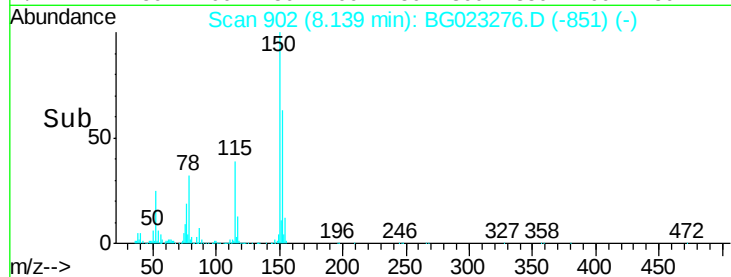
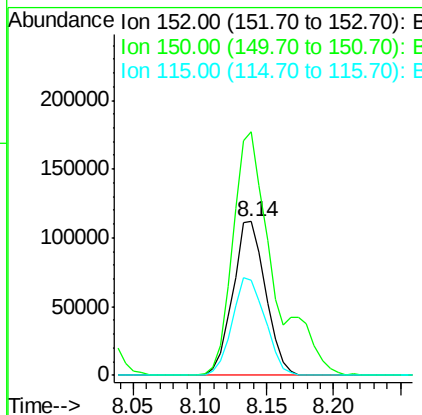
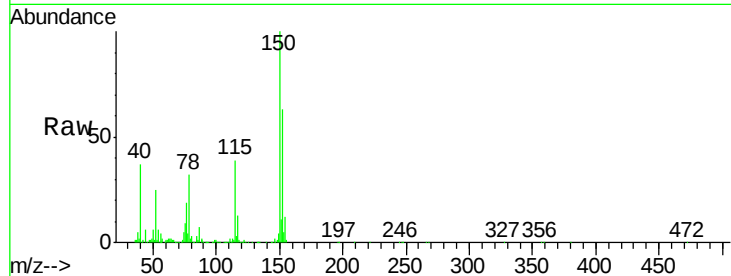


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.00 min
Lab File: BG023276.D
Acq: 26 Jul 2016 21:26

Instrument :
BNA_G
ClientSampleId :
DFTPP

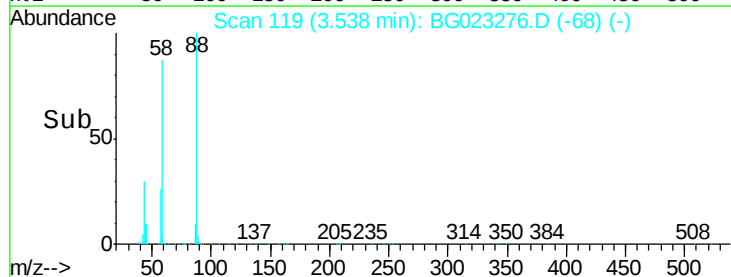
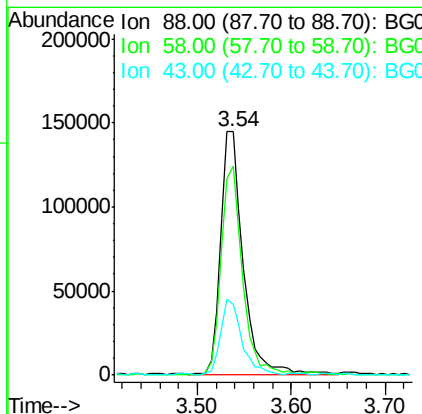
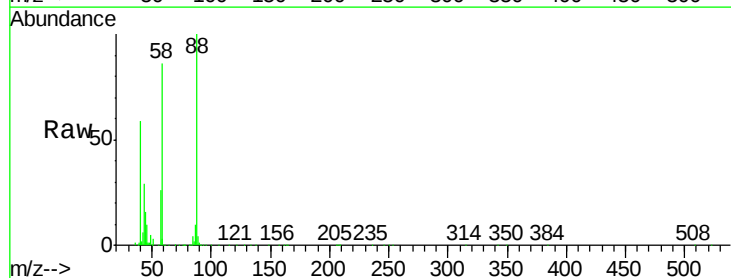
Tgt Ion:152 Resp: 190775
Ion Ratio Lower Upper
152 100
150 158.3 144.7 217.1
115 62.0 64.0 96.0#

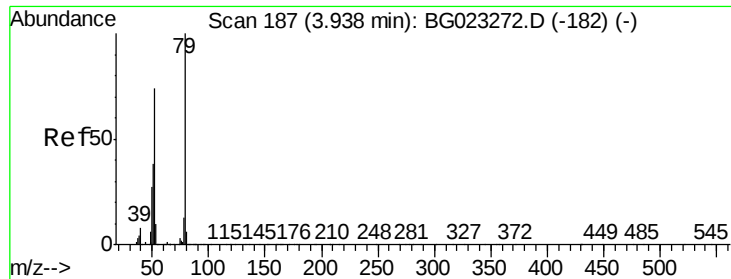


#2

1,4-Dioxane
Concen: 51.67 ng
RT: 3.54 min Scan# 119
Delta R.T. -0.00 min
Lab File: BG023276.D
Acq: 26 Jul 2016 21:26

Tgt Ion: 88 Resp: 239882
Ion Ratio Lower Upper
88 100
58 82.3 60.4 90.6
43 29.9 31.1 46.7#





#3

Pyridine

Concen: 42.09 ng

RT: 3.94 min Scan# 188

Delta R.T. -0.02 min

Lab File: BG023276.D

Acq: 26 Jul 2016 21:26

Instrument :

BNA_G

ClientSampleId :

DFTPP

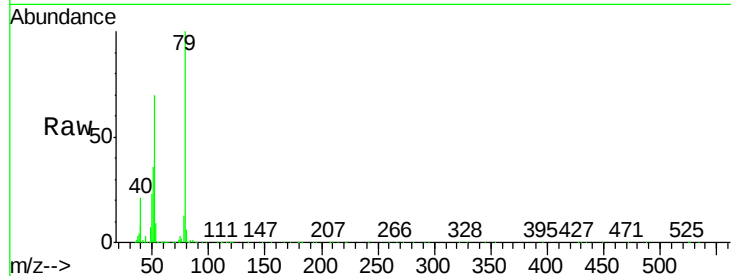
Tgt Ion: 79 Resp: 706039

Ion Ratio Lower Upper

79 100

52 69.7 51.8 77.8

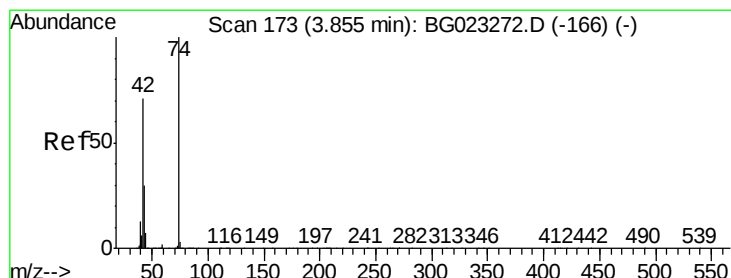
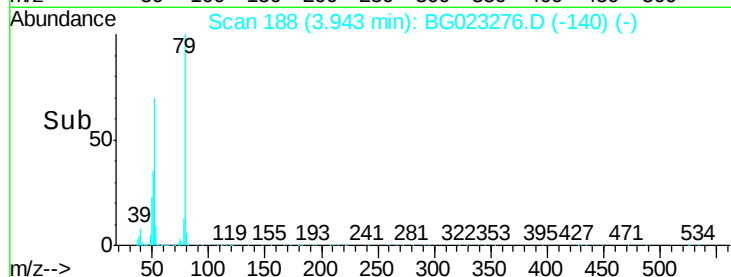
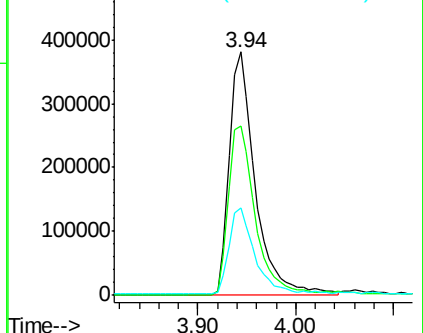
51 35.7 32.7 49.1



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 40.84 ng

RT: 3.86 min Scan# 173

Delta R.T. -0.01 min

Lab File: BG023276.D

Acq: 26 Jul 2016 21:26

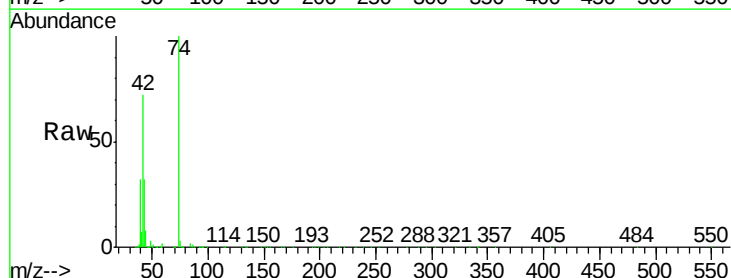
Tgt Ion: 42 Resp: 309502

Ion Ratio Lower Upper

42 100

74 139.8 100.6 150.8

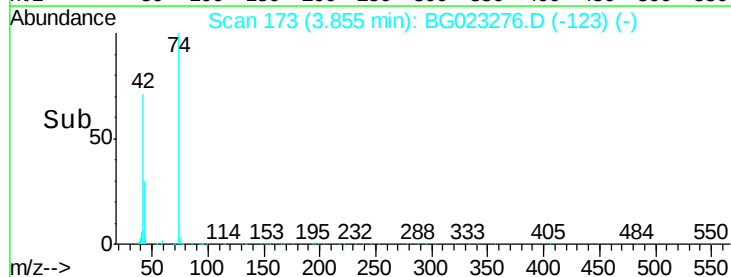
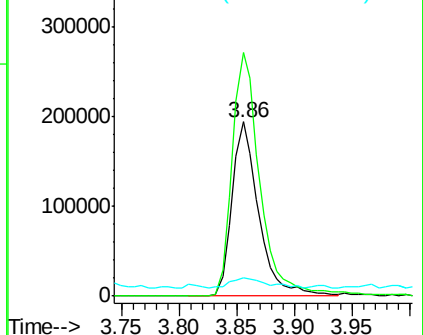
44 10.8 4.5 6.7#

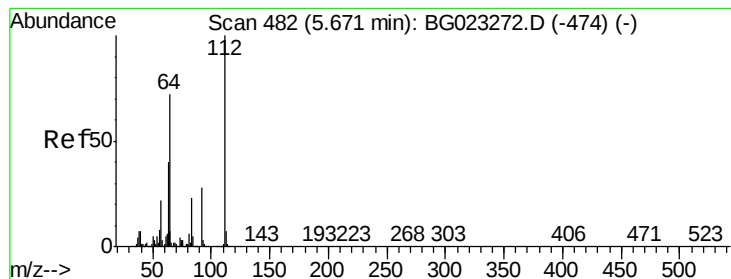


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 46.91 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

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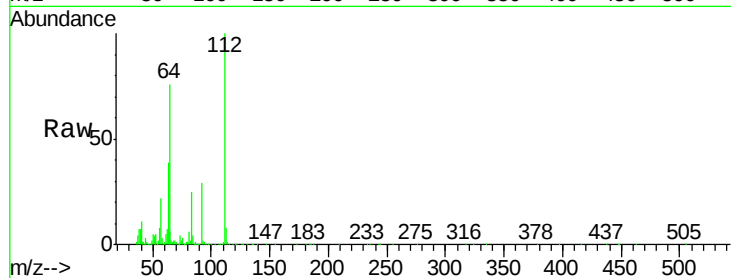
Tgt Ion: 112 Resp: 1048348

Ion Ratio Lower Upper

112 100

64 75.5 59.0 88.4

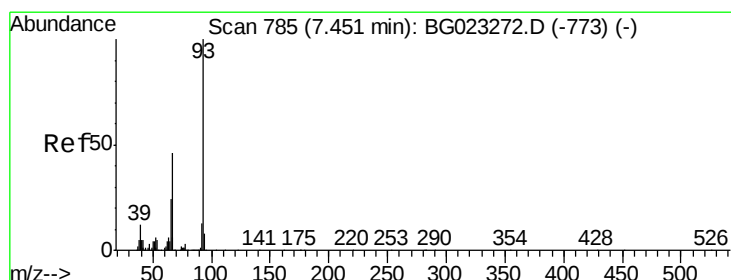
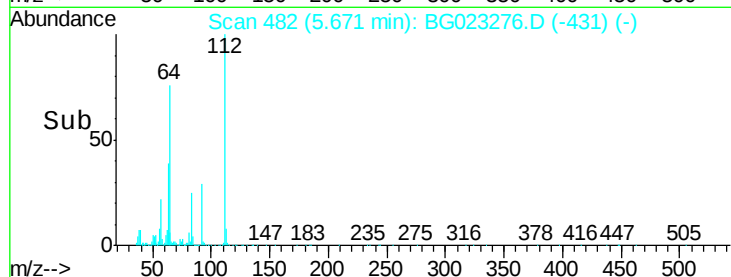
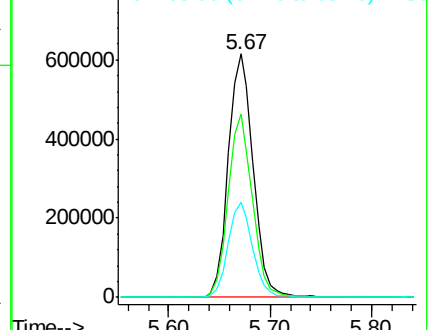
63 38.9 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 42.66 ng

RT: 7.46 min Scan# 786

Delta R.T. 0.00 min

Lab File: BG023276.D

Acq: 26 Jul 2016 21:26

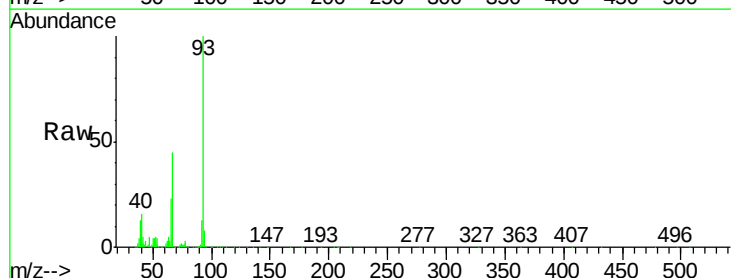
Tgt Ion: 93 Resp: 977624

Ion Ratio Lower Upper

93 100

66 45.4 37.5 56.3

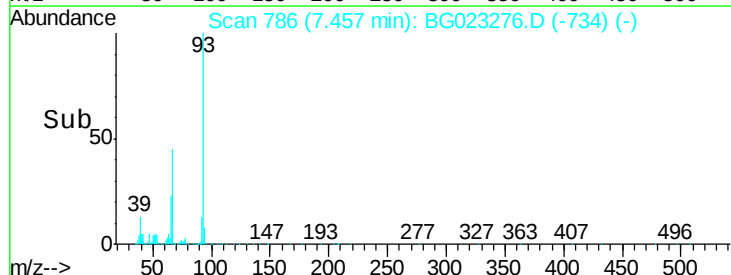
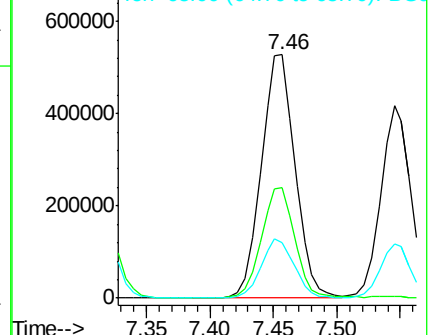
65 22.9 17.9 26.9

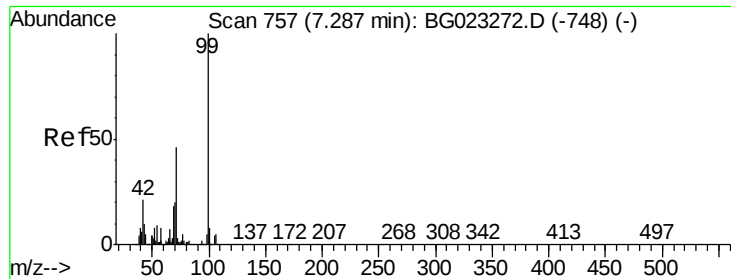


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 43.95 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.00 min

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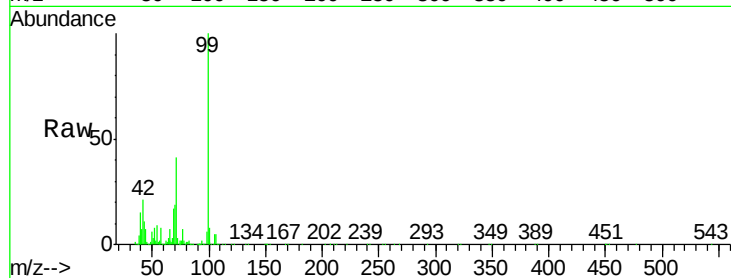
Tgt Ion: 99 Resp: 1508120

Ion Ratio Lower Upper

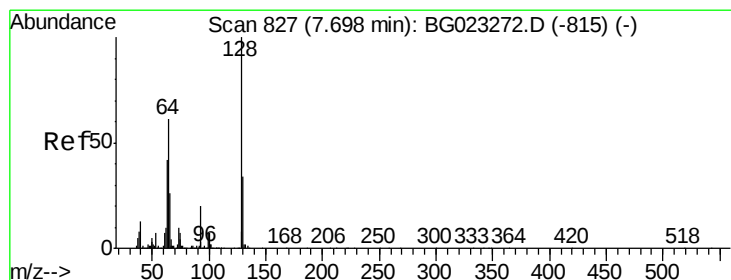
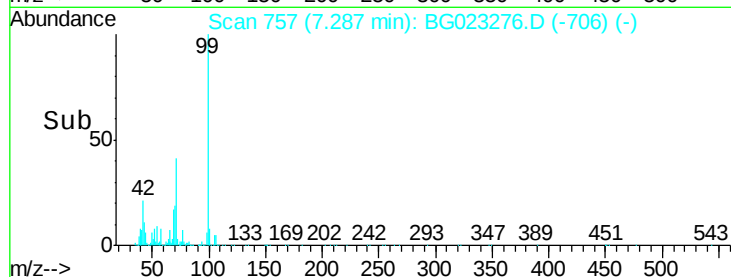
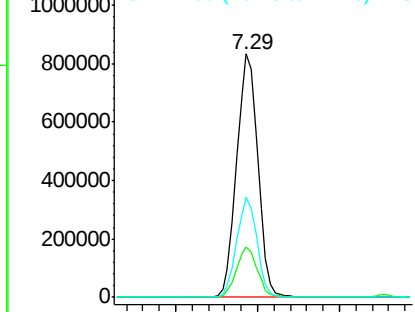
99 100

42 20.8 17.8 26.6

71 41.3 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



#8

2-Chlorophenol

Concen: 44.75 ng

RT: 7.70 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG023276.D

Acq: 26 Jul 2016 21:26

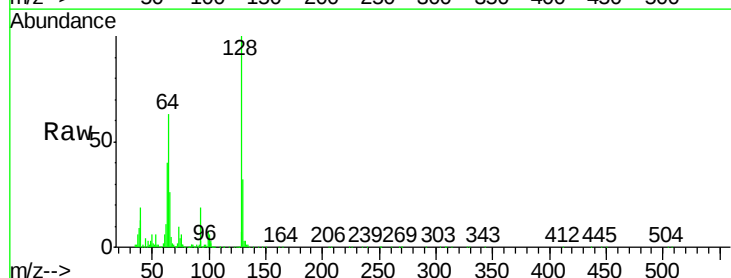
Tgt Ion: 128 Resp: 557944

Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

64 62.5 42.0 82.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC

