

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
 Data File : BF093327.D
 Acq On : 2 Mar 2017 18:14
 Operator : SJ/MA
 Sample : I2052-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPS093051

Quant Time: Mar 03 00:05:06 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	156339	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	639800	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	305698	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	538735	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	489081	20.00	ng	-0.05
86) Perylene-d12	15.39	264	371936	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	626907	68.80	ng	-0.06
7) Phenol-d6	6.44	99	494488	42.17	ng	-0.05
23) Nitrobenzene-d5	7.37	82	1014115	88.27	ng	-0.06
41) 2,4,6-Tribromophenol	10.65	330	327445	148.10	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1635527	96.93	ng	-0.05
78) Terphenyl-d14	12.92	244	1374967	66.06	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.38	88	206	0.04	ng	# 1
4) n-Nitrosodimethylamine	3.02	42	499	0.08	ng	# 1
6) Aniline	6.46	93	1476	0.09	ng	# 1
8) 2-Chlorophenol	6.57	128	584	0.06	ng	# 1
9) Benzaldehyde	6.57	77	24313	2.89	ng	83
10) Phenol	6.45	94	23622	1.72	ng	85
11) bis(2-Chloroethyl)ether	6.57	93	1585	0.14	ng	# 1
12) 1,3-Dichlorobenzene	6.94	146	225	0.02	ng	# 1
13) 1,4-Dichlorobenzene	6.94	146	225	0.02	ng	# 1
14) 1,2-Dichlorobenzene	6.94	146	225	0.02	ng	# 1
15) Benzyl Alcohol	6.94	79	17674	2.04	ng	# 37
16) 2,2'-oxybis(1-Chloropropan	7.24	45	3015	0.16	ng	62
17) 2-Methylphenol	7.07	107	1237	0.14	ng	# 1
18) Hexachloroethane	7.33	117	25061	6.16	ng	# 1
19) n-Nitroso-di-n-propylamine	7.37	70	137381	18.41	ng	# 82
20) 3+4-Methylphenols	7.18	107	677	0.07	ng	# 1
22) Acetophenone	7.18	105	102317	7.00	ng	# 56
24) Nitrobenzene	7.37	77	6719	0.57	ng	# 23
25) Isophorone	7.37	82	806294	37.66	ng	# 65
27) 2,4-Dimethylphenol	7.77	122	250	0.03	ng	# 71
28) bis(2-Chloroethoxy)methane	7.82	93	4135	0.29	ng	# 50
29) 2,4-Dichlorophenol	7.98	162	1362	0.15	ng	# 70
31) Naphthalene	8.11	128	44877	1.38	ng	# 96
32) Benzoic acid	7.90	122	1590	7.41	ng	# 1
33) 4-Chloroaniline	8.17	127	843	0.07	ng	# 1
35) Caprolactam	8.57	113	56820	19.67	ng	# 45
36) 4-Chloro-3-methylphenol	8.66	107	2536	0.26	ng	# 22
37) 2-Methylnaphthalene	8.81	142	107196	5.15	ng	97
42) 2,4,6-Trichlorophenol	9.10	196	357	0.06	ng	# 82
43) 2,4,5-Trichlorophenol	9.10	196	357	0.06	ng	# 6
45) 1,1'-Biphenyl	9.28	154	16736	0.76	ng	96
46) 2-Chloronaphthalene	9.31	162	644	0.04	ng	# 65
47) 2-Nitroaniline	9.37	65	900	0.15	ng	# 8
48) Acenaphthylene	9.71	152	1764	0.06	ng	# 1

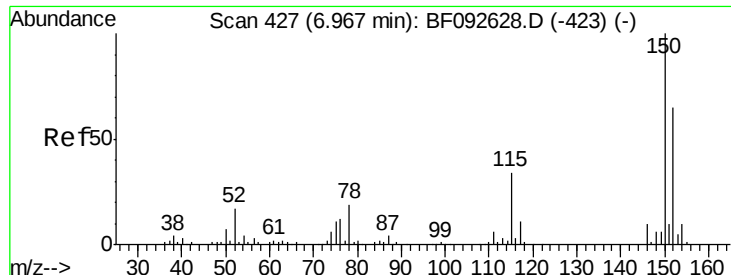
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dimethylphthalate	9.57	163	31956	1.55	ng	99
50) 2,6-Dinitrotoluene	9.85	165	42937	9.66	ng	# 32
51) Acenaphthene	9.88	154	5898	0.33	ng	# 89
52) 3-Nitroaniline	9.86	138	232	0.05	ng	# 16
54) Dibenzofuran	10.05	168	9123	0.38	ng	# 90
55) 4-Nitrophenol	9.95	139	718	0.20	ng	# 1
56) 2,4-Dinitrotoluene	9.85	165	42937	7.25	ng	# 21
57) Fluorene	10.40	166	7651	0.42	ng	# 98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	28588	6.94	ng	# 93
59) Diethylphthalate	10.27	149	4705	0.24	ng	# 94
61) 4-Nitroaniline	10.40	138	206	0.04	ng	# 19
62) Azobenzene	10.57	77	2403	0.12	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.48	198	19833	8.38	ng	# 52
65) n-Nitrosodiphenylamine	10.48	169	1810	0.11	ng	# 34
66) 4-Bromophenyl-phenylether	10.65	248	25799	4.58	ng	# 1
68) Atrazine	11.16	200	109595	19.84	ng	# 36
69) Pentachlorophenol	11.16	266	558175	184.10	ng	99
70) Phenanthrene	11.36	178	3745	0.12	ng	# 92
71) Anthracene	11.41	178	765	0.02	ng	# 59
72) Carbazole	11.57	167	1417	0.05	ng	# 58
73) Di-n-butylphthalate	11.89	149	5661	0.18	ng	# 94
74) Fluoranthene	12.45	202	239	0.01	ng	61
76) Benzidine	12.92	184	19894	0.95	ng	# 93
77) Pyrene	12.77	202	793	0.02	ng	# 56
79) Butylbenzylphthalate	13.39	149	2658	0.18	ng	# 47
80) Benzo(a)anthracene	13.96	228	2753	0.09	ng	# 77
82) Chrysene	13.96	228	2753	0.10	ng	# 75
83) Bis(2-ethylhexyl)phthalate	13.94	149	7386	0.36	ng	# 87
84) Di-n-octyl phthalate	14.56	149	1121	0.03	ng	# 74
87) Benzo(b)fluoranthene	14.99	252	883	0.04	ng	# 21
88) Benzo(k)fluoranthene	14.99	252	883	0.04	ng	# 21
89) Benzo(a)pyrene	15.39	252	1456	0.07	ng	# 21

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.06 min

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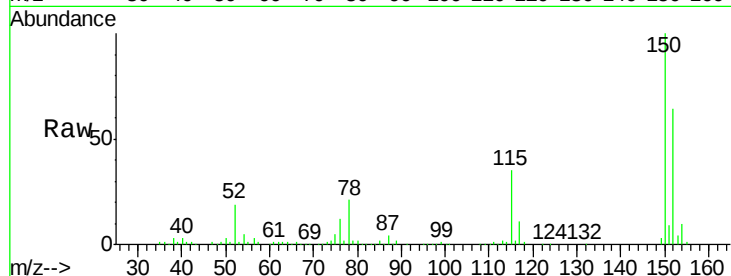
Tgt Ion:152 Resp: 156339

Ion Ratio Lower Upper

152 100

150 157.5 124.9 187.3

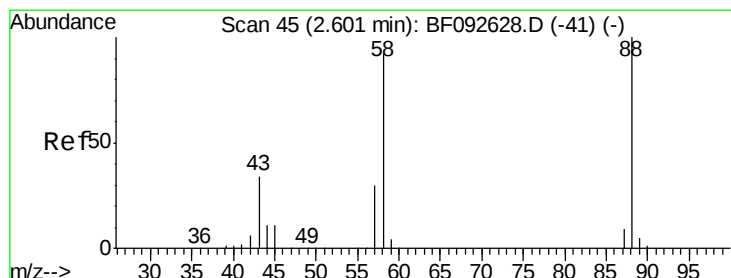
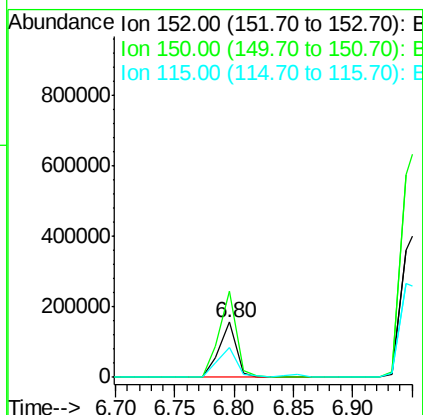
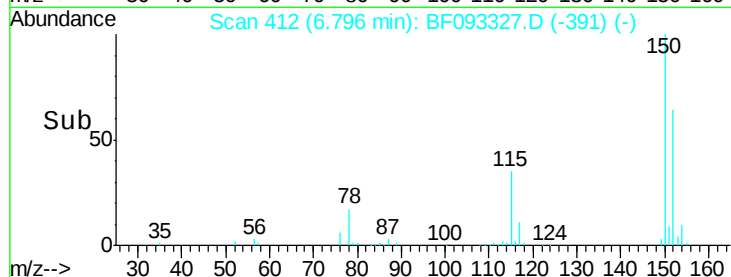
115 55.3 46.0 69.0



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



#2

1,4-Dioxane

Concen: 0.04 ng

RT: 2.38 min Scan# 26

Delta R.T. -0.05 min

Lab File: BF093327.D

Acq: 2 Mar 2017 18:14

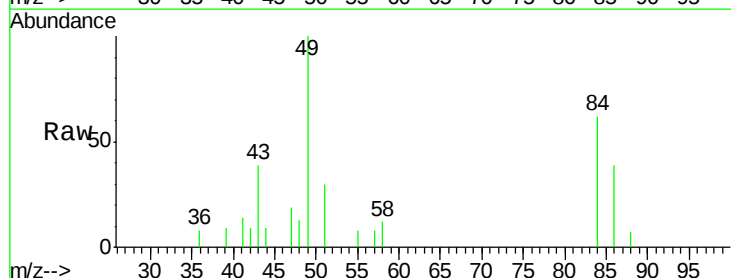
Tgt Ion: 88 Resp: 206

Ion Ratio Lower Upper

88 100

58 138.3 57.8 86.8#

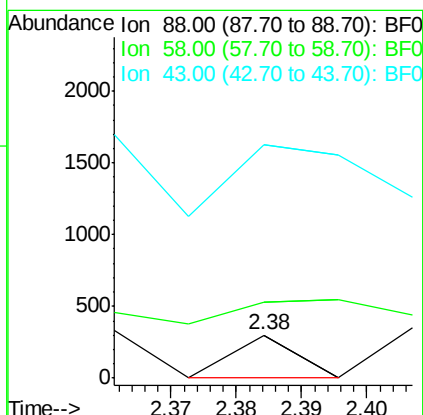
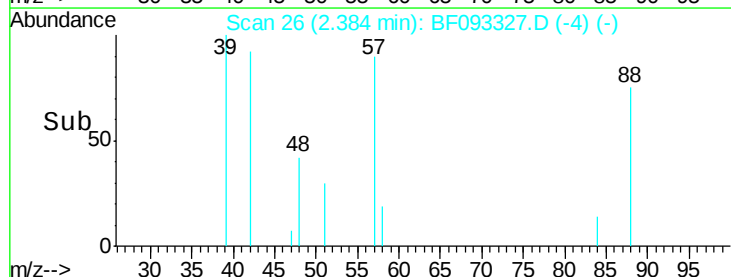
43 597.6 22.3 33.5#

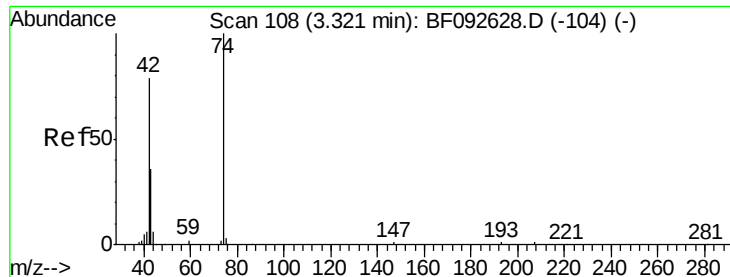


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.08 ng

RT: 3.02 min Scan# 82

Delta R.T. -0.08 min

Lab File: BF093327.D

Acq: 2 Mar 2017 18:14

Instrument :

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CPS093051

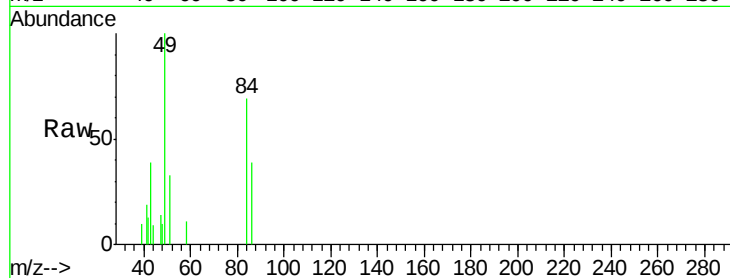
Tgt Ion: 42 Resp: 499

Ion Ratio Lower Upper

42 100

74 0.0 117.0 175.4#

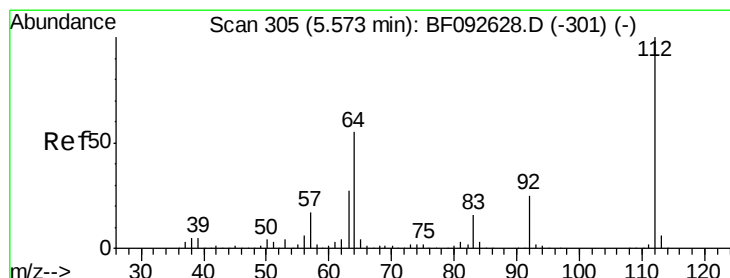
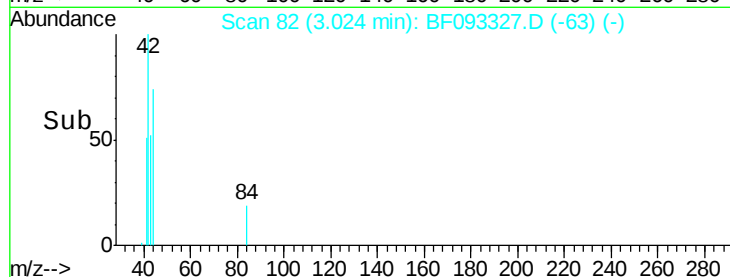
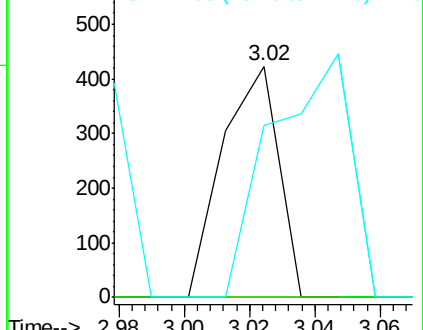
44 74.5 5.5 8.3#



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0



#5

2-Fluorophenol

Concen: 68.80 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.06 min

Lab File: BF093327.D

Acq: 2 Mar 2017 18:14

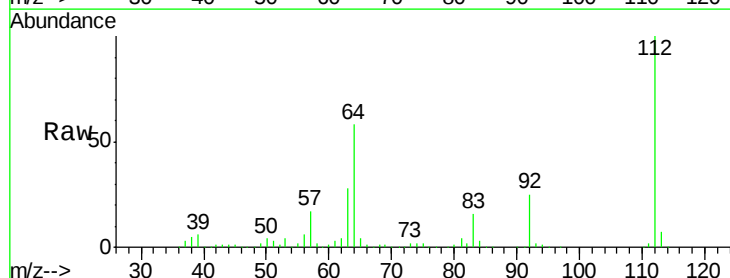
Tgt Ion: 112 Resp: 626907

Ion Ratio Lower Upper

112 100

64 57.7 46.1 69.1

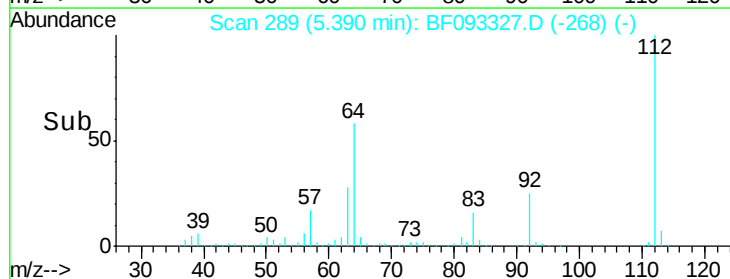
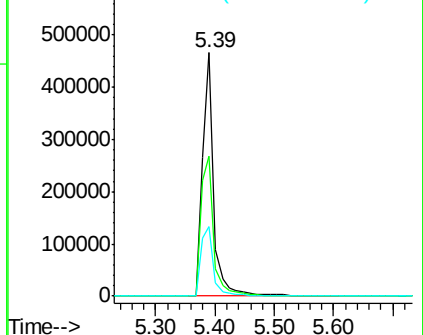
63 28.3 23.8 35.6

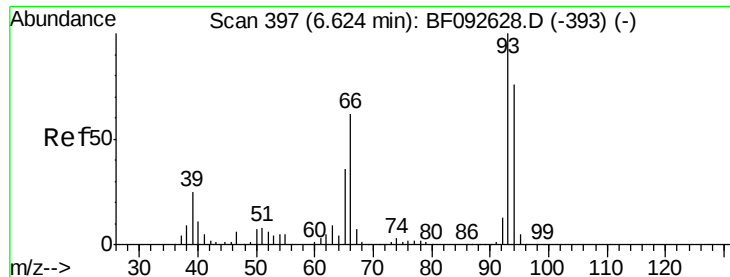


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 0.09 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF093327.D

Acq: 2 Mar 2017 18:14

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ClientSampleId :

CPS093051

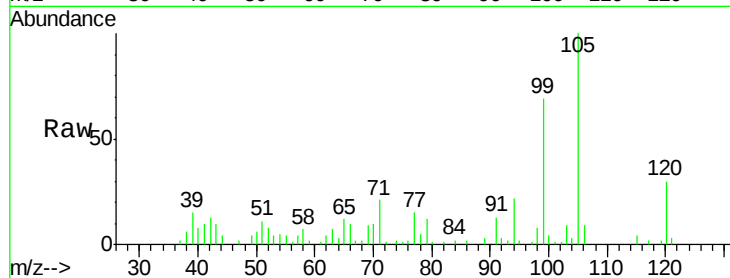
Tgt Ion: 93 Resp: 1476

Ion Ratio Lower Upper

93 100

66 532.5 76.2 114.2#

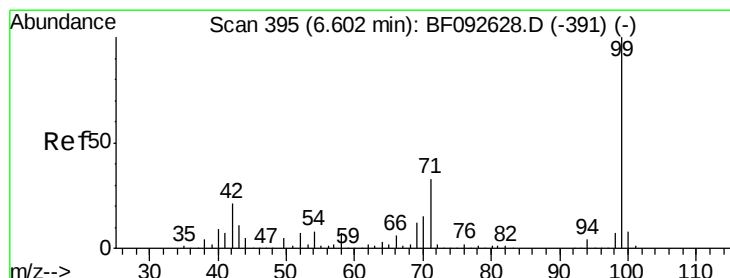
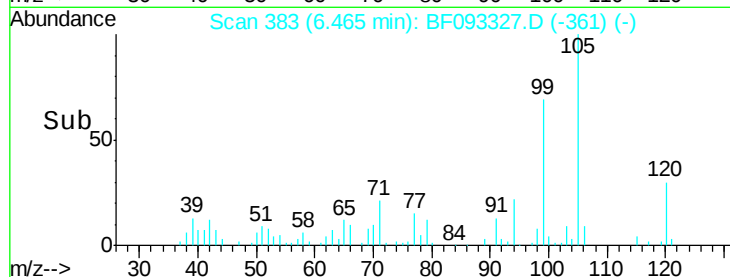
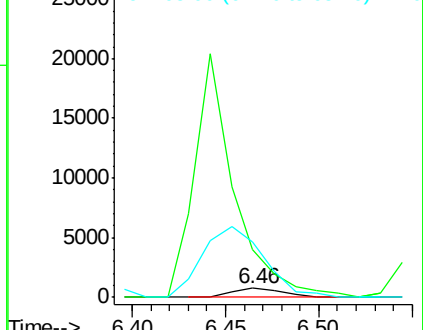
65 626.0 49.3 73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 42.17 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.05 min

Lab File: BF093327.D

Acq: 2 Mar 2017 18:14

Tgt Ion: 99 Resp: 494488

Ion Ratio Lower Upper

99 100

42 17.0 15.6 23.4

71 28.9 27.5 41.3

