

Data Path : Z:\HPCHEM1\BNA_F\Data\BF111315\
 Data File : BF082939.D
 Acq On : 14 Nov 2015 12:32
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Nov 16 01:14:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	189053	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	706253	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	334045	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	609282	20.00	ng	-0.05
75) Chrysene-d12	13.96	240	347272	20.00	ng	-0.06
86) Perylene-d12	15.39	264	414740	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	862334	70.97	ng	-0.03
7) Phenol-d6	6.46	99	1112387	68.87	ng	-0.01
23) Nitrobenzene-d5	7.38	82	1267118	78.07	ng	-0.03
41) 2,4,6-Tribromophenol	10.64	330	232829	60.79	ng	-0.04
44) 2-Fluorobiphenyl	9.17	172	1638813	70.31	ng	-0.05
78) Terphenyl-d14	12.92	244	1417581	96.82	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.35	88	227469	43.39	ng	97
3) Pyridine	3.07	79	626250	41.17	ng	93
4) n-Nitrosodimethylamine	3.00	42	298521	39.56	ng	# 78
6) Aniline	6.46	93	768895	33.90	ng	# 88
8) 2-Chlorophenol	6.60	128	501870	37.26	ng	96
9) Benzaldehyde	6.58	77	26454	2.96	ng	83
10) Phenol	6.48	94	606124	33.07	ng	98
11) bis(2-Chloroethyl)ether	6.54	93	562372	41.03	ng	86
12) 1,3-Dichlorobenzene	6.82	146	540903	35.61	ng	94
13) 1,4-Dichlorobenzene	6.82	146	540903	34.22	ng	98
14) 1,2-Dichlorobenzene	6.98	146	583331	40.58	ng	98
15) Benzyl Alcohol	6.96	79	460259	32.45	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	828167	41.19	ng	73
17) 2-Methylphenol	7.08	107	420659	36.87	ng	94
18) Hexachloroethane	7.32	117	195375	34.56	ng	# 87
19) n-Nitroso-di-n-propylamine	7.23	70	410274	34.55	ng	89
20) 3+4-Methylphenols	7.24	107	566818	38.21	ng	# 60
22) Acetophenone	7.22	105	756500	37.38	ng	# 97
24) Nitrobenzene	7.39	77	558711	33.66	ng	# 89
25) Isophorone	7.63	82	1113984	37.09	ng	97
26) 2-Nitrophenol	7.71	139	284240	41.03	ng	# 71
27) 2,4-Dimethylphenol	7.77	122	484771	38.94	ng	92
28) bis(2-Chloroethoxy)methane	7.85	93	648205	38.27	ng	# 98
29) 2,4-Dichlorophenol	7.96	162	417963	37.15	ng	91
30) 1,2,4-Trichlorobenzene	8.04	180	462802	36.58	ng	# 93
31) Naphthalene	8.12	128	1405759	36.08	ng	98
32) Benzoic acid	7.89	122	309875	36.36	ng	88
33) 4-Chloroaniline	8.17	127	566029	33.71	ng	94
34) Hexachlorobutadiene	8.24	225	270369	34.15	ng	98
35) Caprolactam	8.56	113	131571	37.09	ng	# 87
36) 4-Chloro-3-methylphenol	8.67	107	488702	36.94	ng	# 83
37) 2-Methylnaphthalene	8.81	142	920086	36.50	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	462019	42.09	ng	# 97
40) Hexachlorocyclopentadiene	8.97	237	30056	5.10	ng	96

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

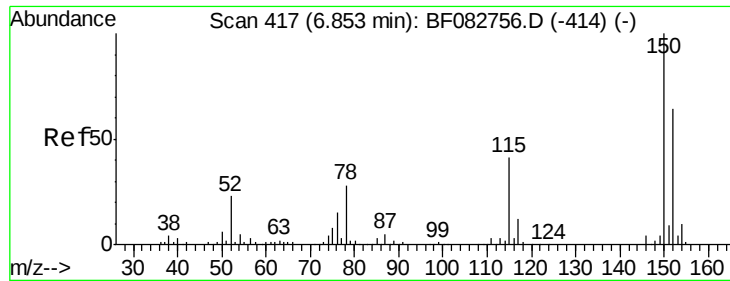
Quant Time: Nov 16 01:14:33 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.09	196	302440	36.91	ng	99
43) 2,4,5-Trichlorophenol	9.14	196	315053	38.88	ng #	90
45) 1,1'-Biphenyl	9.28	154	1208236	42.15	ng	98
46) 2-Chloronaphthalene	9.30	162	938908	41.99	ng	99
47) 2-Nitroaniline	9.39	65	288579	34.79	ng	88
48) Acenaphthylene	9.71	152	1343213	38.33	ng	100
49) Dimethylphthalate	9.58	163	1111523	40.61	ng	97
50) 2,6-Dinitrotoluene	9.64	165	251114	43.00	ng #	65
51) Acenaphthene	9.88	154	767088	34.54	ng	99
52) 3-Nitroaniline	9.81	138	264055	41.11	ng #	57
53) 2,4-Dinitrophenol	9.90	184	32115	10.02	ng #	25
54) Dibenzofuran	10.05	168	1126553	37.62	ng	93
55) 4-Nitrophenol	9.98	139	143164	29.06	ng #	77
56) 2,4-Dinitrotoluene	10.04	165	340628	42.99	ng #	76
57) Fluorene	10.40	166	879353	36.26	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	237434	35.90	ng	92
59) Diethylphthalate	10.28	149	1083119	40.53	ng	97
60) 4-Chlorophenyl-phenylether	10.40	204	438333	36.13	ng	90
61) 4-Nitroaniline	10.42	138	220765	34.18	ng #	82
62) Azobenzene	10.54	77	1092741	38.07	ng	89
64) 4,6-Dinitro-2-methylphenol	10.44	198	69726	16.06	ng #	27
65) n-Nitrosodiphenylamine	10.51	169	787539	35.78	ng	98
66) 4-Bromophenyl-phenylether	10.88	248	257478	35.10	ng #	72
67) Hexachlorobenzene	10.94	284	270564	33.03	ng #	83
68) Atrazine	11.05	200	288498	42.39	ng	94
69) Pentachlorophenol	11.14	266	133595	26.86	ng	98
70) Phenanthrene	11.36	178	1318841	37.27	ng	99
71) Anthracene	11.40	178	1275679	34.23	ng	99
72) Carbazole	11.56	167	1002347	30.72	ng	98
73) Di-n-butylphthalate	11.91	149	1700887	41.84	ng #	97
74) Fluoranthene	12.55	202	1192804	31.42	ng	95
76) Benzidine	12.67	184	542620	46.62	ng	99
77) Pyrene	12.76	202	1094868	45.91	ng	98
79) Butylbenzylphthalate	13.39	149	507549	48.17	ng	92
80) Benzo(a)anthracene	13.95	228	879760	40.51	ng	98
81) 3,3'-Dichlorobenzidine	13.93	252	330299	42.78	ng #	95
82) Chrysene	14.00	228	937504	47.13	ng	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	759390	52.66	ng	99
84) Di-n-octyl phthalate	14.58	149	1245664	51.78	ng	96
85) Indeno(1,2,3-cd)pyrene	16.76	276	850236	49.63	ng #	95
87) Benzo(b)fluoranthene	15.01	252	1799417	67.59	ng #	98
88) Benzo(k)fluoranthene	15.01	252	1799417	76.19	ng #	97
89) Benzo(a)pyrene	15.33	252	857092	37.16	ng #	97
90) Dibenzo(a,h)anthracene	16.77	278	722892	37.01	ng #	97
91) Benzo(g,h,i)perylene	17.17	276	641751	34.30	ng	98

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

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Data Path : Z:\HPCHEM1\BNA_F\Data\BF111315\  
Data File : BF082939.D  
Acq On    : 14 Nov 2015   12:32  
Operator  : UM/IZ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
```



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF082939.D

Acq: 14 Nov 2015 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

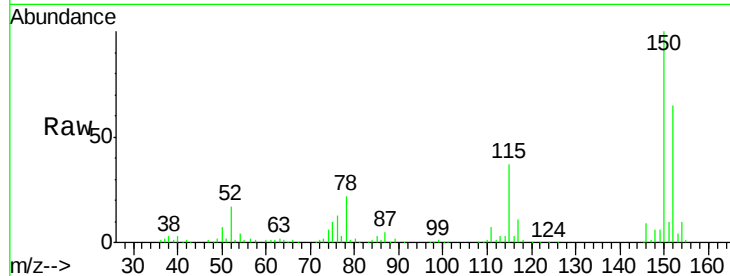
Tgt Ion:152 Resp: 189053

Ion Ratio Lower Upper

152 100

150 153.6 127.0 190.4

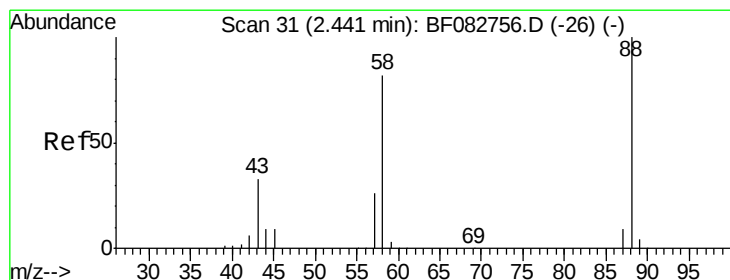
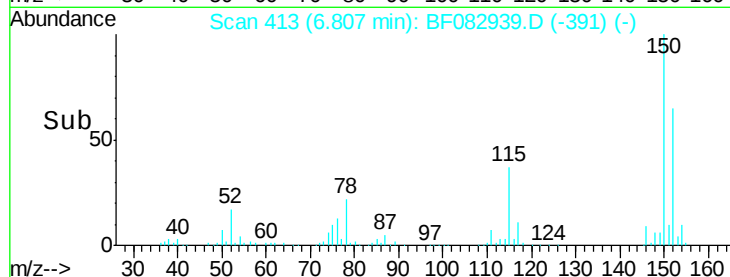
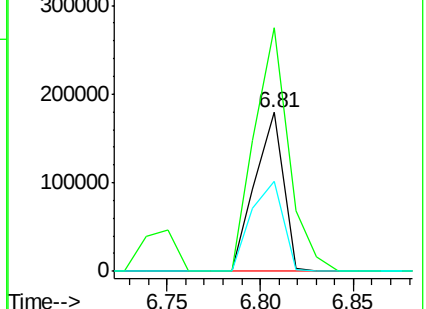
115 56.6 47.0 70.6



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: 43.39 ng

RT: 2.35 min Scan# 23

Delta R.T. -0.09 min

Lab File: BF082939.D

Acq: 14 Nov 2015 12:32

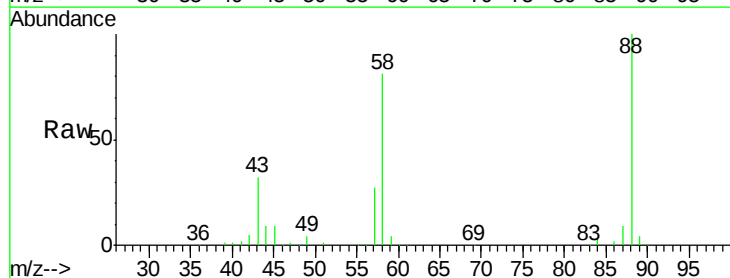
Tgt Ion: 88 Resp: 227469

Ion Ratio Lower Upper

88 100

58 79.1 62.0 93.0

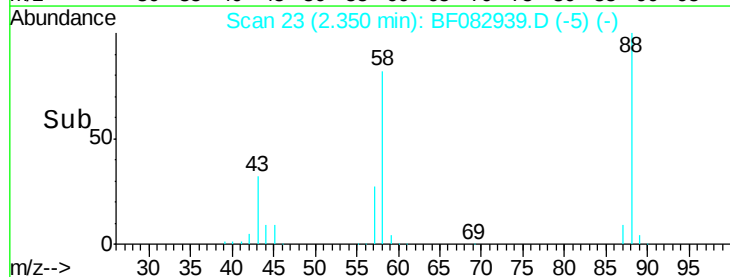
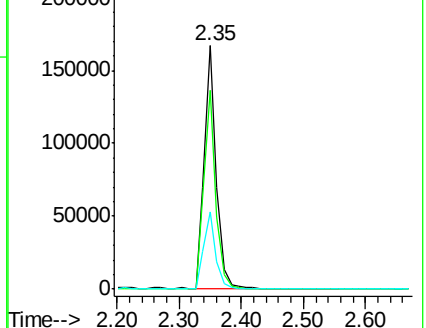
43 30.4 26.6 40.0

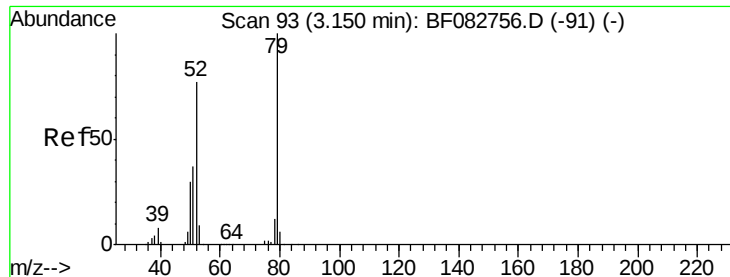


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

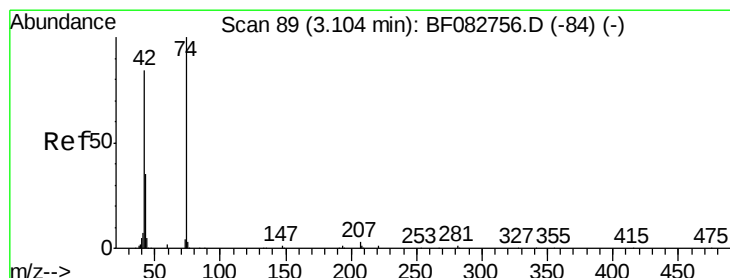
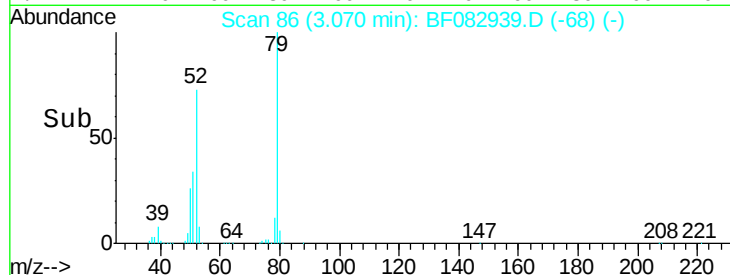
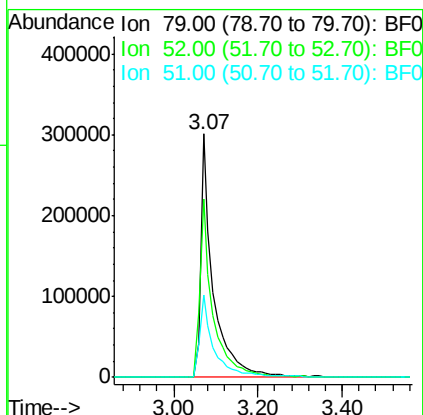
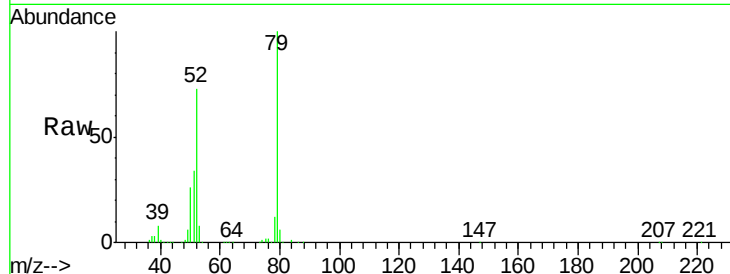




#3
 Pyridine
 Concen: 41.17 ng
 RT: 3.07 min Scan# 86
 Delta R.T. -0.09 min
 Lab File: BF082939.D
 Acq: 14 Nov 2015 12:32

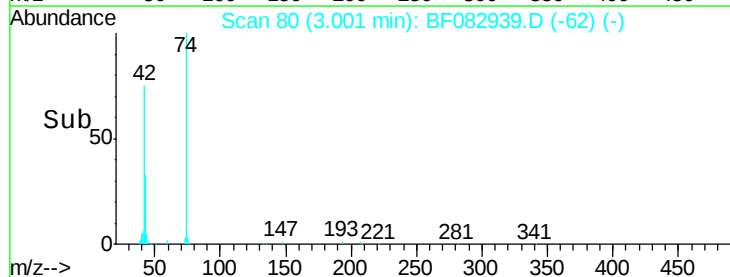
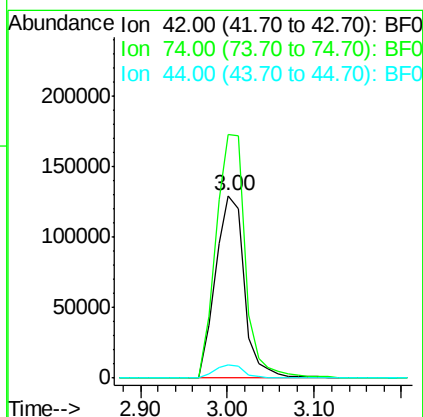
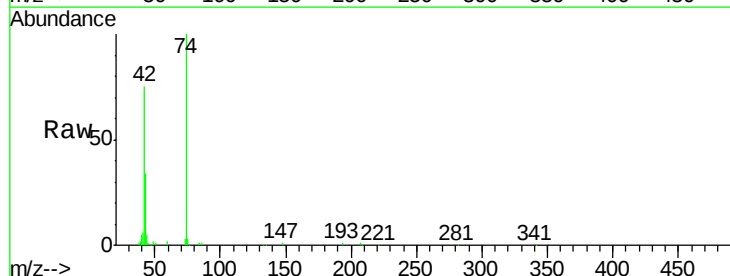
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 79 Resp: 626250
 Ion Ratio Lower Upper
 79 100
 52 73.5 62.8 94.2
 51 34.0 32.0 48.0



#4
 n-Nitrosodimethylamine
 Concen: 39.56 ng
 RT: 3.00 min Scan# 80
 Delta R.T. -0.09 min
 Lab File: BF082939.D
 Acq: 14 Nov 2015 12:32

Tgt Ion: 42 Resp: 298521
 Ion Ratio Lower Upper
 42 100
 74 133.6 87.0 130.4#
 44 6.9 5.8 8.8





#5

2-Fluorophenol

Concen: 70.97 ng

RT: 5.41 min Scan# 291

Delta R.T. -0.03 min

Lab File: BF082939.D

Acq: 14 Nov 2015 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

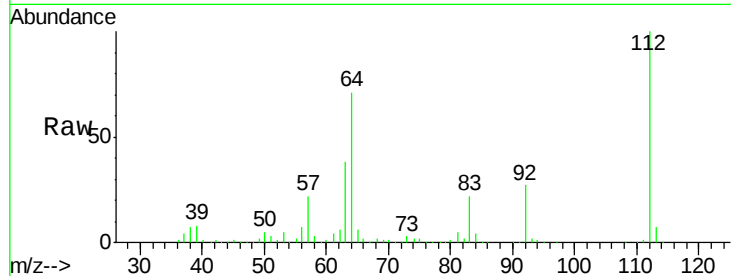
Tgt Ion: 112 Resp: 862334

Ion Ratio Lower Upper

112 100

64 71.4 48.9 73.3

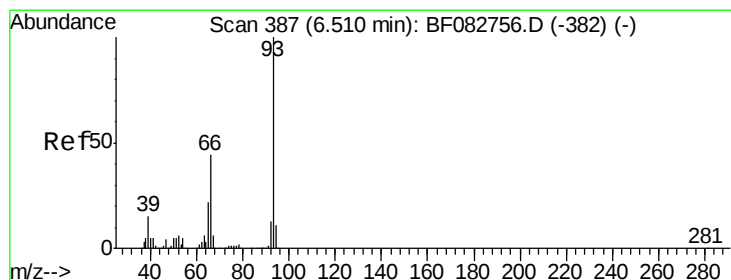
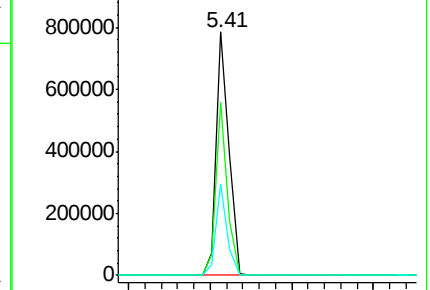
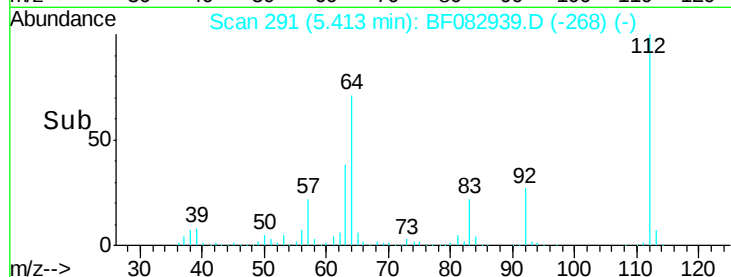
63 37.5 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 33.90 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF082939.D

Acq: 14 Nov 2015 12:32

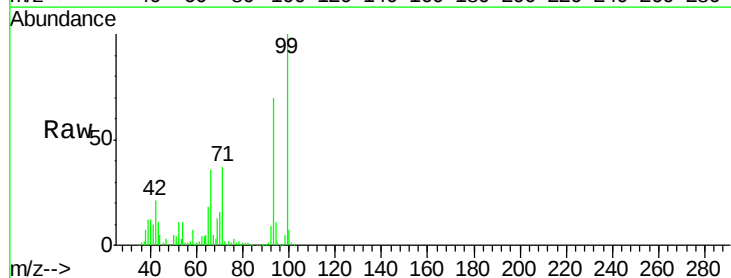
Tgt Ion: 93 Resp: 768895

Ion Ratio Lower Upper

93 100

66 51.5 33.6 50.4#

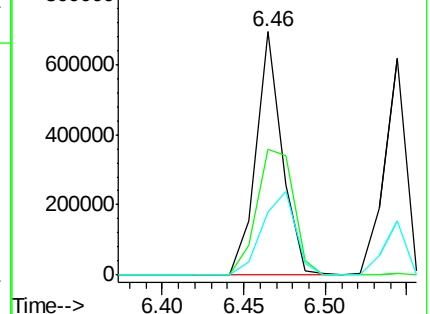
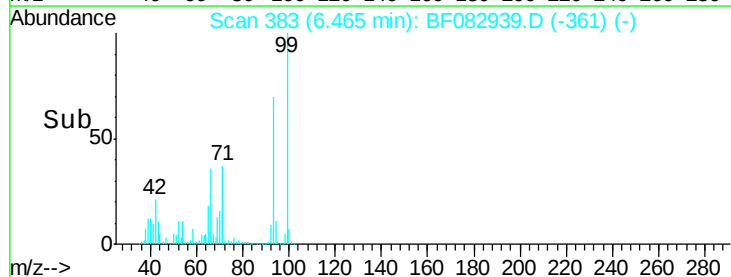
65 25.7 18.1 27.1



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: 68.87 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082939.D

Acq: 14 Nov 2015 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

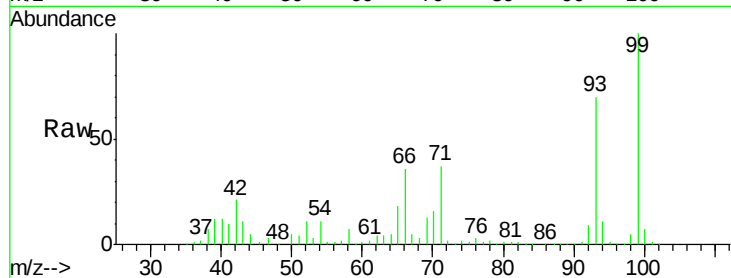
Tgt Ion: 99 Resp: 1112387

Ion Ratio Lower Upper

99 100

42 21.5 19.2 28.8

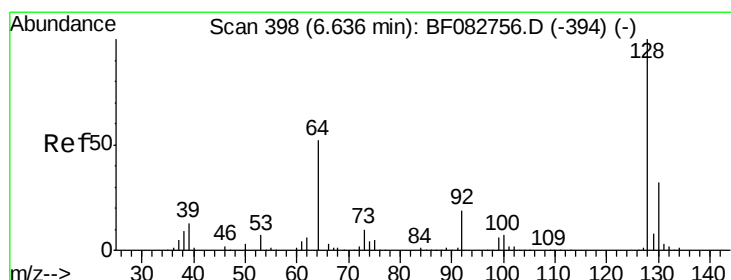
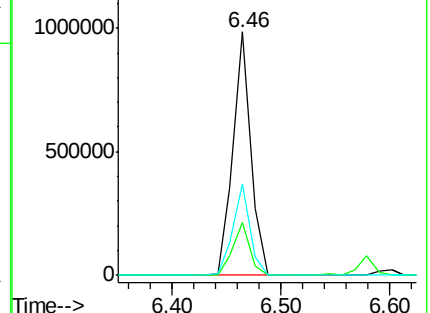
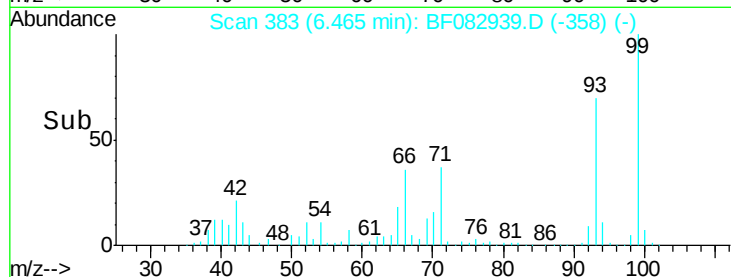
71 37.4 35.0 52.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.26 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.03 min

Lab File: BF082939.D

Acq: 14 Nov 2015 12:32

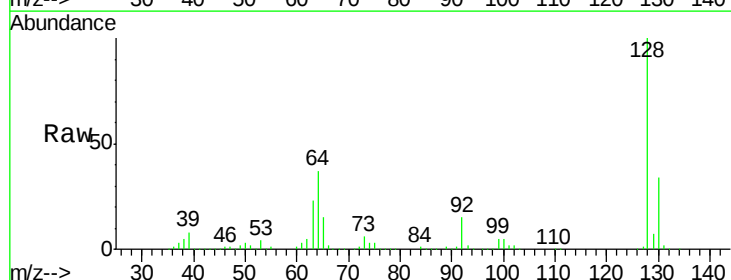
Tgt Ion: 128 Resp: 501870

Ion Ratio Lower Upper

128 100

130 34.0 13.5 53.5

64 37.3 21.1 61.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

