

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099535.D
 Acq On : 16 Oct 2017 10:52
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 23:20:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	103222	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	431823	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	198323	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	356695	20.00	ng	0.00
75) Chrysene-d12	14.02	240	279886	20.00	ng	0.00
86) Perylene-d12	15.49	264	251726	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	540052	83.29	ng	0.00
7) Phenol-d6	6.49	99	646104	80.77	ng	0.00
23) Nitrobenzene-d5	7.42	82	539496	80.12	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	140032	86.29	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1000610	84.23	ng	0.00
78) Terphenyl-d14	12.96	244	981084	79.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	119877	38.70	ng	93
3) Pyridine	3.38	79	318277	37.98	ng	91
4) n-Nitrosodimethylamine	3.33	42	116094	32.67	ng	# 76
6) Aniline	6.51	93	422074	39.10	ng	99
8) 2-Chlorophenol	6.63	128	304133	41.42	ng	93
9) Benzaldehyde	6.40	77	158801	34.22	ng	97
10) Phenol	6.50	94	385996	43.15	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	280845	40.38	ng	94
12) 1,3-Dichlorobenzene	6.79	146	325059	42.27	ng	97
13) 1,4-Dichlorobenzene	6.86	146	328079	41.93	ng	98
14) 1,2-Dichlorobenzene	7.02	146	300503	41.57	ng	97
15) Benzyl Alcohol	6.99	79	209301	35.67	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	381740	35.23	ng	92
17) 2-Methylphenol	7.10	107	237823	39.58	ng	98
18) Hexachloroethane	7.35	117	114147	40.59	ng	95
19) n-Nitroso-di-n-propylamine	7.26	70	179612	35.17	ng	# 91
20) 3+4-Methylphenols	7.26	107	286779	37.73	ng	# 71
22) Acetophenone	7.26	105	390539	37.33	ng	# 97
24) Nitrobenzene	7.43	77	297734	38.98	ng	96
25) Isophorone	7.67	82	537477	38.61	ng	98
26) 2-Nitrophenol	7.75	139	170075	46.30	ng	93
27) 2,4-Dimethylphenol	7.78	122	262344	37.82	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	348096	40.12	ng	99
29) 2,4-Dichlorophenol	7.99	162	251592	42.24	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	250693	42.09	ng	98
31) Naphthalene	8.15	128	828914	40.87	ng	100
32) Benzoic acid	7.93	122	180553	31.69	ng	92
33) 4-Chloroaniline	8.20	127	349141	41.22	ng	95
34) Hexachlorobutadiene	8.26	225	128910	42.02	ng	98
35) Caprolactam	8.59	113	61873	32.39	ng	# 85
36) 4-Chloro-3-methylphenol	8.69	107	266410	39.80	ng	96
37) 2-Methylnaphthalene	8.84	142	549284	41.66	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	250002	42.27	ng	99
40) Hexachlorocyclopentadiene	8.99	237	134975	49.94	ng	97

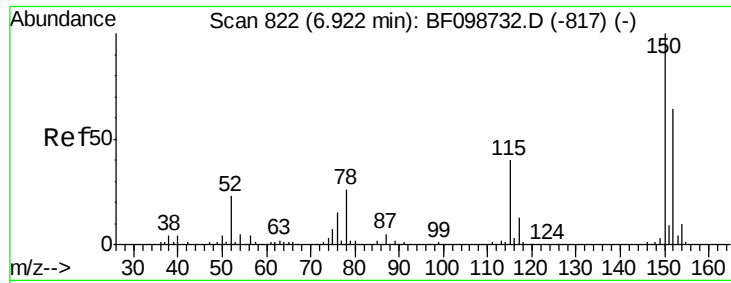
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099535.D
 Acq On : 16 Oct 2017 10:52
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 23:20:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	164602	39.28	nq	98
43) 2,4,5-Trichlorophenol	9.16	196	165868	39.66	nq	97
45) 1,1'-Biphenyl	9.30	154	708854	41.59	nq	98
46) 2-Chloronaphthalene	9.33	162	532849	41.64	nq	96
47) 2-Nitroaniline	9.43	65	151954	38.78	nq	92
48) Acenaphthylene	9.75	152	798272	40.75	nq	100
49) Dimethylphthalate	9.60	163	630023	42.09	nq	99
50) 2,6-Dinitrotoluene	9.67	165	142287	43.66	nq	90
51) Acenaphthene	9.92	154	473510	38.16	nq	99
52) 3-Nitroaniline	9.85	138	165430	43.54	nq	93
53) 2,4-Dinitrophenol	9.96	184	54854	35.80	nq	# 84
54) Dibenzofuran	10.09	168	660969	40.00	nq	99
55) 4-Nitrophenol	10.02	139	129342	40.26	nq	85
56) 2,4-Dinitrotoluene	10.08	165	177369	41.94	nq	97
57) Fluorene	10.43	166	562946	42.39	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	112634	38.98	nq	98
59) Diethylphthalate	10.30	149	603137	41.24	nq	97
60) 4-Chlorophenyl-phenylether	10.42	204	253982	42.57	nq	96
61) 4-Nitroaniline	10.47	138	166572	45.44	nq	86
62) Azobenzene	10.58	77	516330	38.39	nq	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	98689	45.47	nq	# 76
65) n-Nitrosodiphenylamine	10.55	169	502477	40.66	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	146269	41.89	nq	99
67) Hexachlorobenzene	10.98	284	159864	42.87	nq	98
68) Atrazine	11.07	200	157616	42.39	nq	99
69) Pentachlorophenol	11.18	266	75340	32.46	nq	99
70) Phenanthrene	11.40	178	784204	41.07	nq	99
71) Anthracene	11.45	178	807132	41.32	nq	99
72) Carbazole	11.61	167	788830	41.23	nq	99
73) Di-n-butylphthalate	11.93	149	987055	42.87	nq	98
74) Fluoranthene	12.59	202	817327	42.27	nq	99
76) Benzidine	12.71	184	436224	42.14	nq	98
77) Pyrene	12.82	202	849166	39.79	nq	99
79) Butylbenzylphthalate	13.42	149	416958	41.57	nq	98
80) Benzo(a)anthracene	14.01	228	699306	41.26	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	251563	40.49	nq	99
82) Chrysene	14.05	228	671017	41.59	nq	98
83) Bis(2-ethylhexyl)phthalate	13.98	149	572524	41.45	nq	98
84) Di-n-octyl phthalate	14.59	149	994873	44.74	nq	95
85) Indeno(1,2,3-cd)pyrene	16.98	276	577821	44.77	nq	96
87) Benzo(b)fluoranthene	15.06	252	627626	40.55	nq	98
88) Benzo(k)fluoranthene	15.09	252	608771	39.82	nq	99
89) Benzo(a)pyrene	15.43	252	585769	41.23	nq	98
90) Dibenzo(a,h)anthracene	16.99	278	471594	41.48	nq	98
91) Benzo(g,h,i)perylene	17.43	276	469696	41.79	nq	95

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

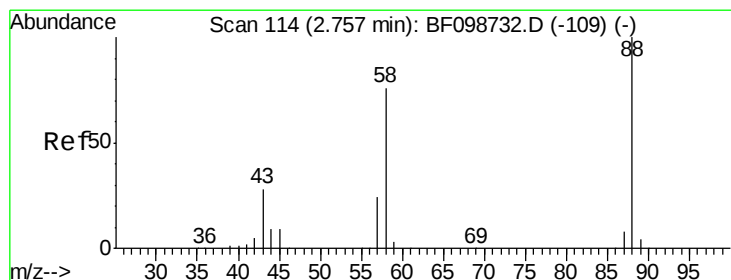
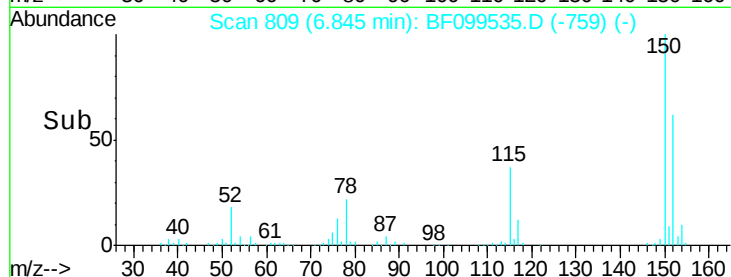
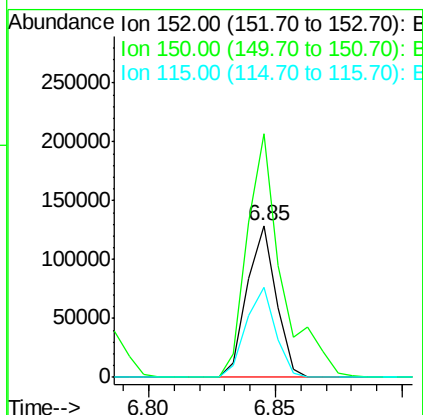
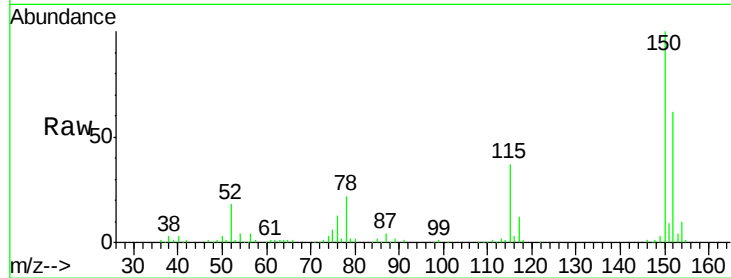


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099535.D
Acq: 16 Oct 2017 10:52

Instrument :
BNA_F
ClientSampleId :

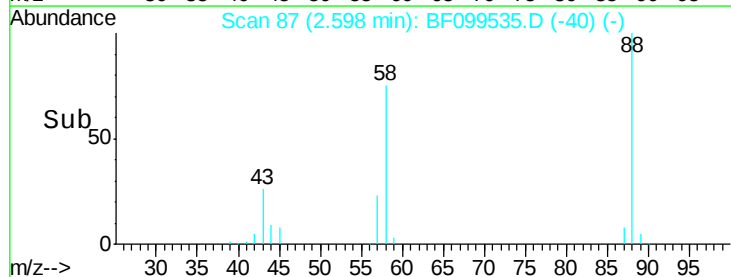
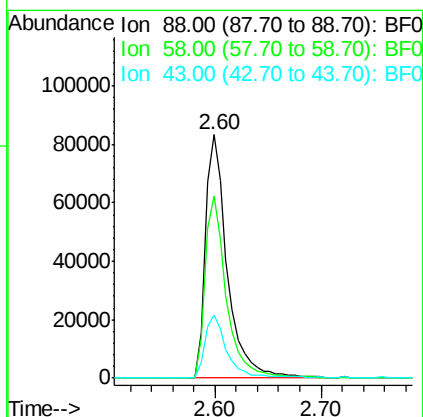
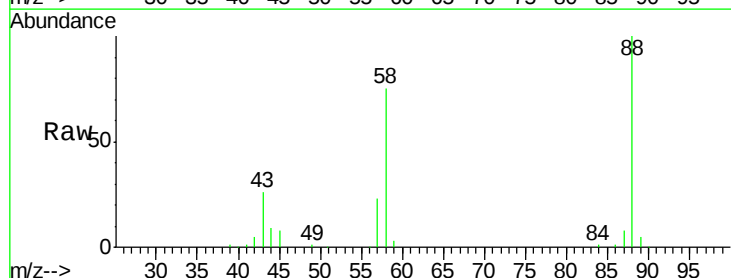
Tot Ion:152 Resp: 103222
Ion Ratio Lower Upper
152 100
150 160.6 124.6 186.8
115 59.7 50.1 75.1

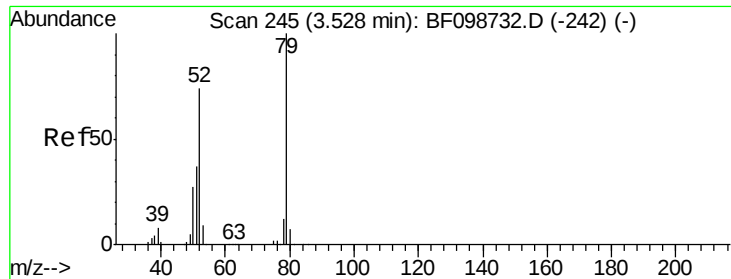


#2

1,4-Dioxane
Concen: 38.70 ng
RT: 2.60 min Scan# 87
Delta R.T. -0.02 min
Lab File: BF099535.D
Acq: 16 Oct 2017 10:52

Tgt Ion: 88 Resp: 119877
Ion Ratio Lower Upper
88 100
58 73.1 62.6 93.8
43 26.2 24.6 37.0





#3

Pvridine

Concen: 37.98 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.02 min

Lab File: BF099535.D

Acq: 16 Oct 2017 10:52

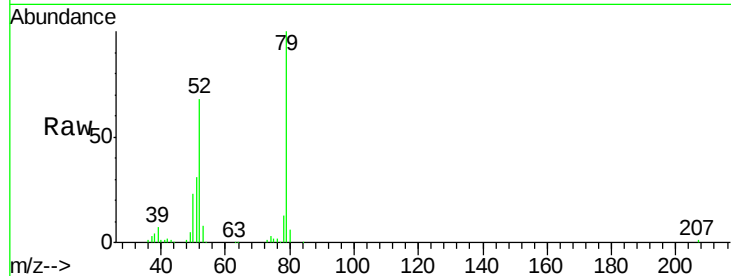
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 318277

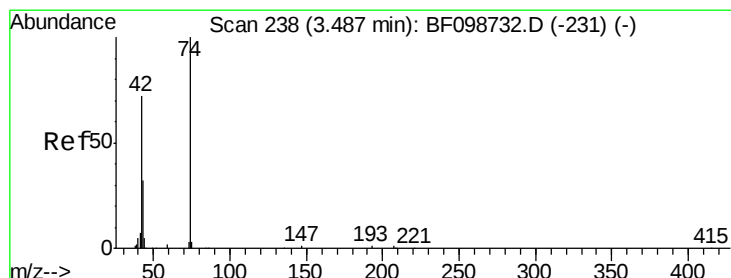
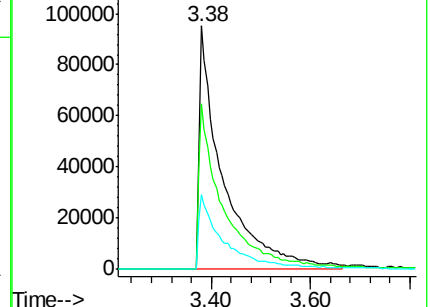
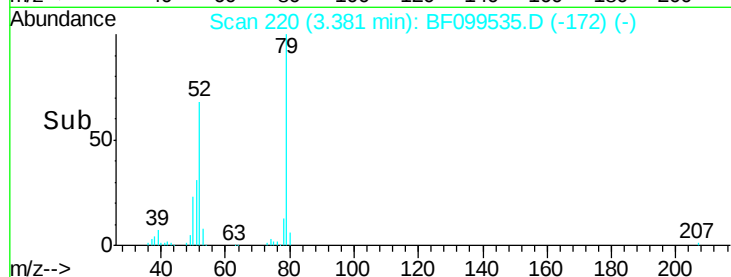
Ion	Ratio	Lower	Upper
79	100		
52	67.9	59.8	89.6
51	30.6	29.8	44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 32.67 ng

RT: 3.33 min Scan# 212

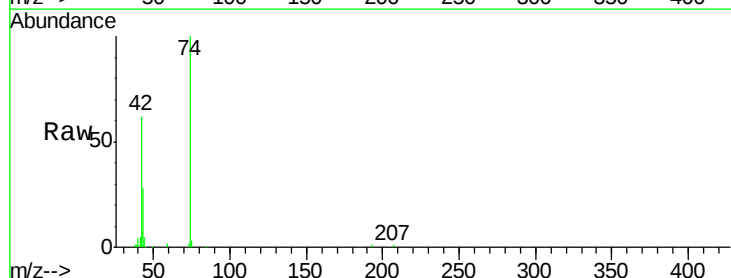
Delta R.T. -0.02 min

Lab File: BF099535.D

Acq: 16 Oct 2017 10:52

Tgt Ion: 42 Resp: 116094

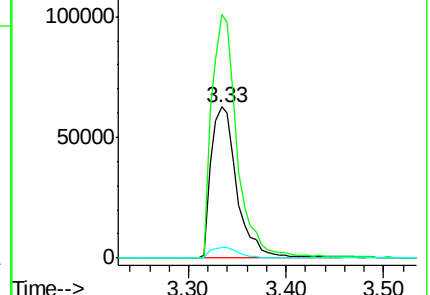
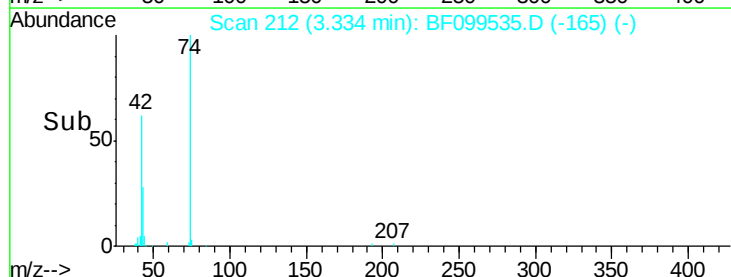
Ion	Ratio	Lower	Upper
42	100		
74	160.9	104.9	157.3#
44	7.3	6.9	10.3



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: 83.29 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF099535.D

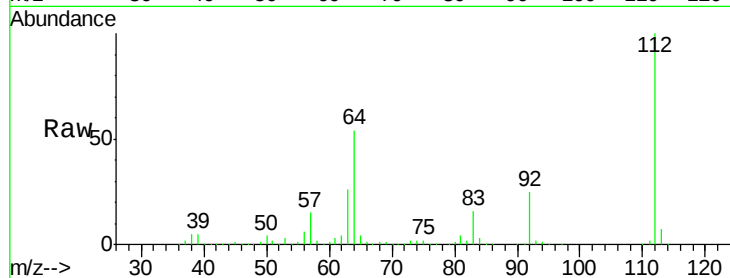
Acq: 16 Oct 2017 10:52

Instrument :

BNA_F

ClientSampled :

Tot Ion:	112	Resp:	540052
Ion	Ratio	Lower	Upper
112	100		
64	53.8	47.9	71.9
63	26.4	23.7	35.5

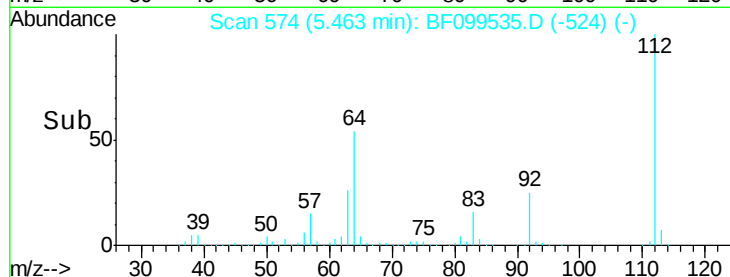


Abundance Ion 112.00 (111.70 to 112.70): E

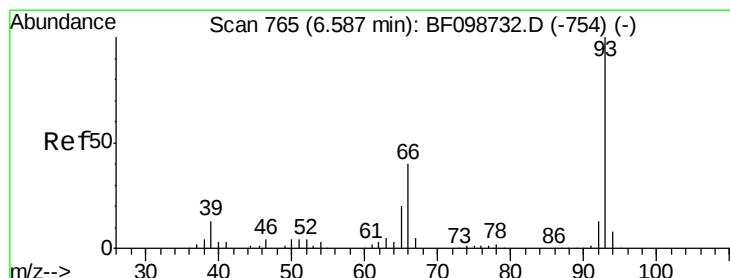
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



Time-->



#6

Aniline

Concen: 39.10 ng

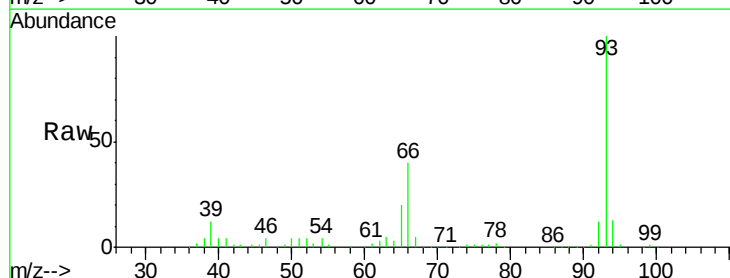
RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF099535.D

Acq: 16 Oct 2017 10:52

Tgt Ion:	93	Resp:	422074
Ion	Ratio	Lower	Upper
93	100		
66	39.7	32.2	48.2
65	20.2	16.4	24.6

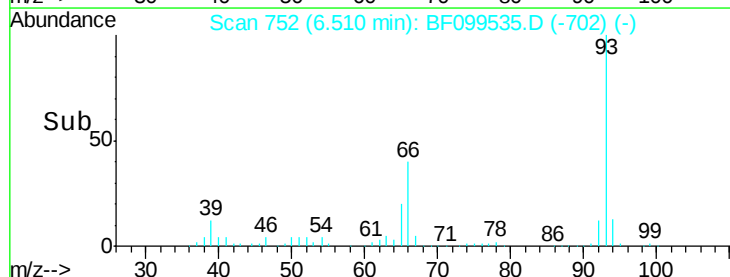


Abundance Ion 93.00 (92.70 to 93.70): BF0

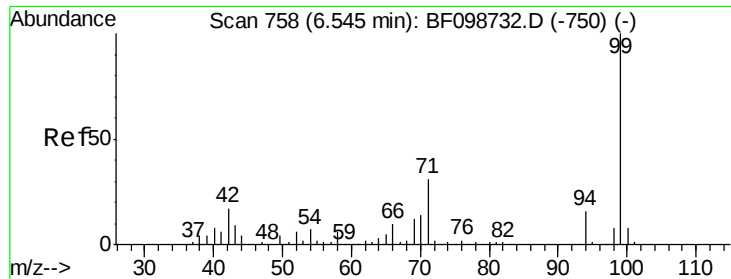
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time-->



Time-->



#7

Phenol-d6

Concen: 80.77 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF099535.D

Acq: 16 Oct 2017 10:52

Instrument :

BNA_F

ClientSampleId :

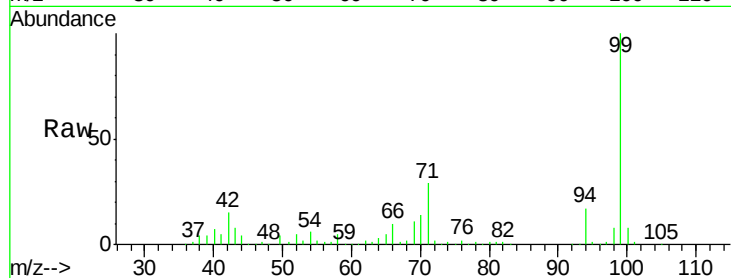
Tot Ion: 99 Resp: 646104

Ion Ratio Lower Upper

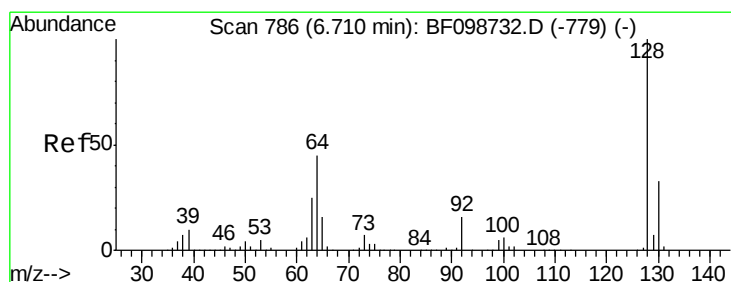
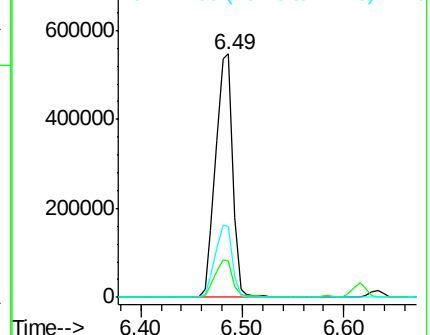
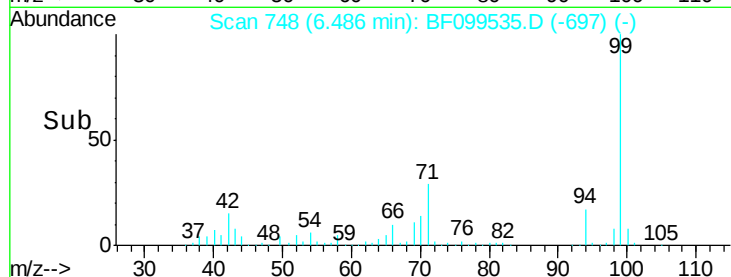
99 100

42 14.7 14.5 21.7

71 29.1 25.4 38.0



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: 41.42 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF099535.D

Acq: 16 Oct 2017 10:52

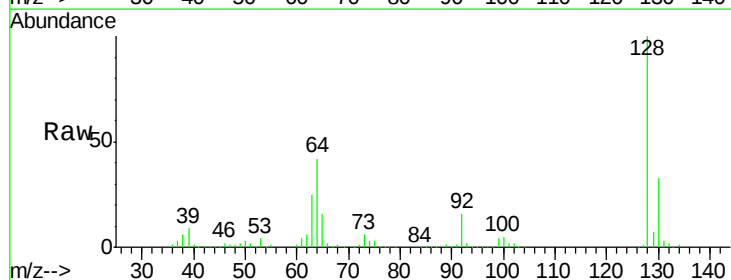
Tgt Ion: 128 Resp: 304133

Ion Ratio Lower Upper

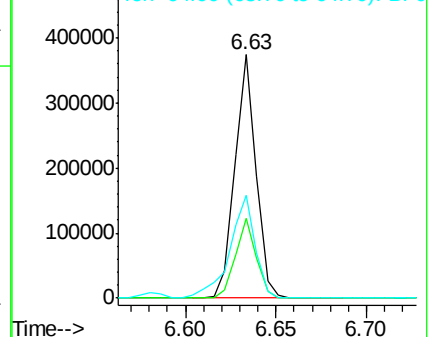
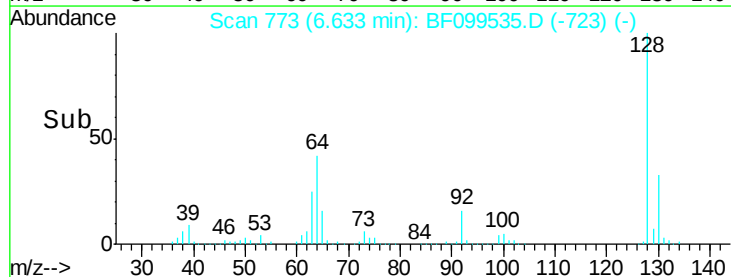
128 100

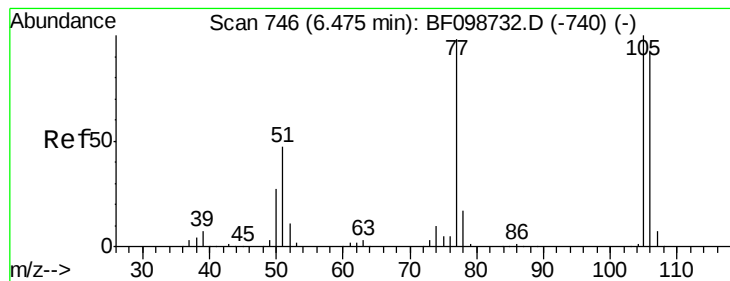
130 32.8 13.0 53.0

64 42.1 29.4 69.4



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





#9

Benzaldehyde

Concen: 34.22 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF099535.D

Acq: 16 Oct 2017 10:52

Instrument :

BNA_F

ClientSampleId :

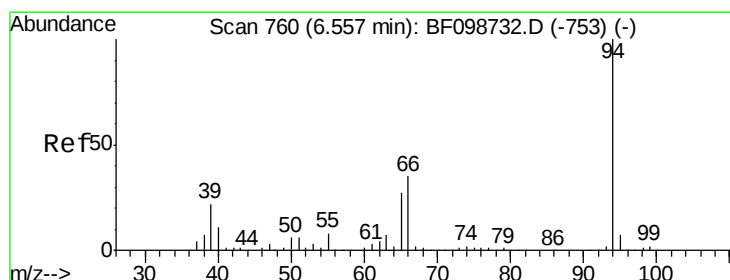
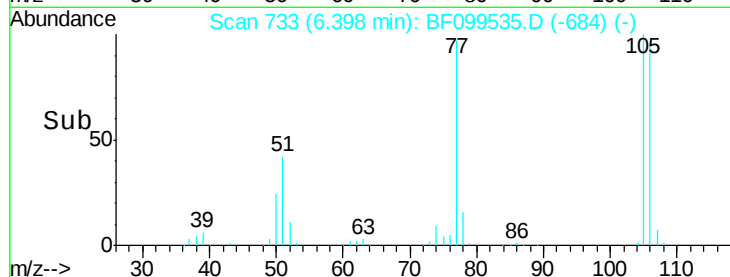
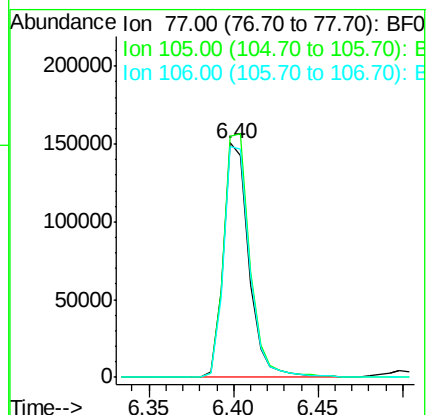
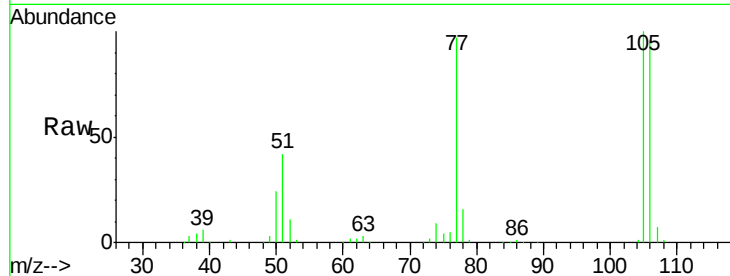
Tot Ion: 77 Resp: 158801

Ion Ratio Lower Upper

77 100

105 103.0 81.1 121.1

106 98.5 74.5 114.5



#10

Phenol

Concen: 43.15 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099535.D

Acq: 16 Oct 2017 10:52

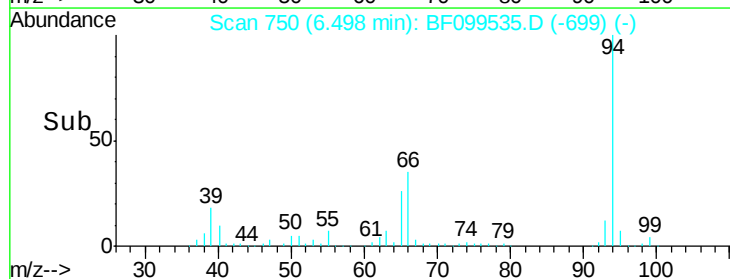
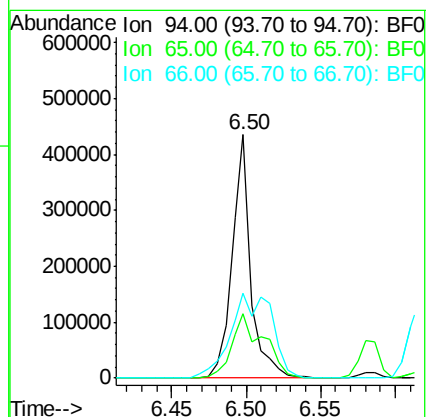
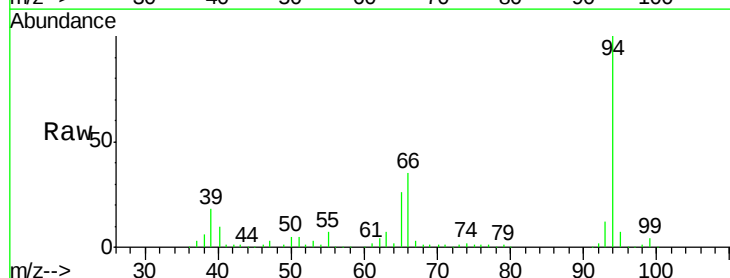
Tgt Ion: 94 Resp: 385996

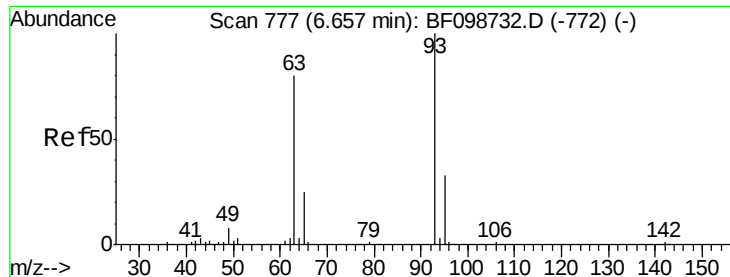
Ion Ratio Lower Upper

94 100

65 26.3 7.9 47.9

66 34.9 16.2 56.2

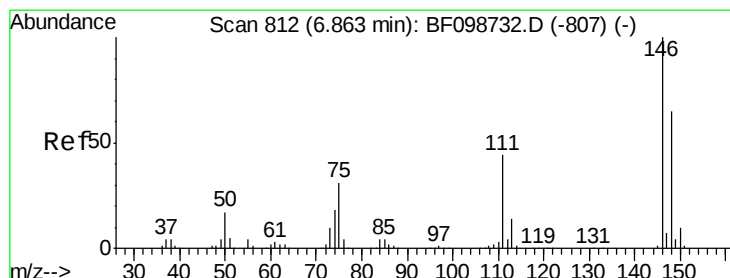
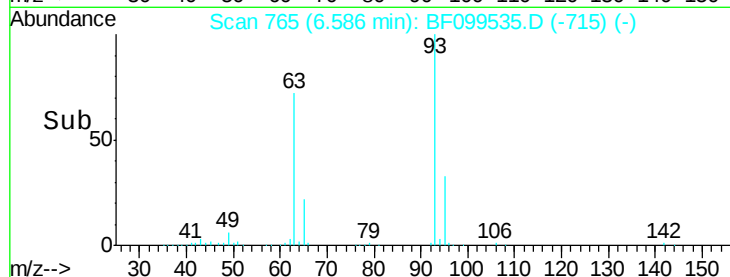
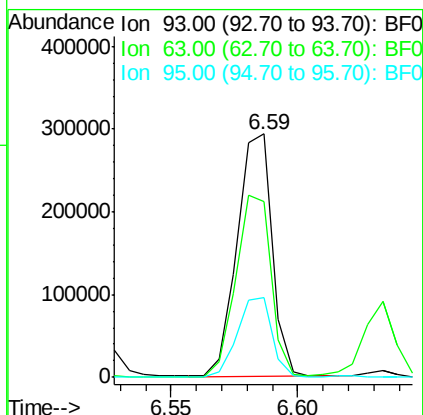
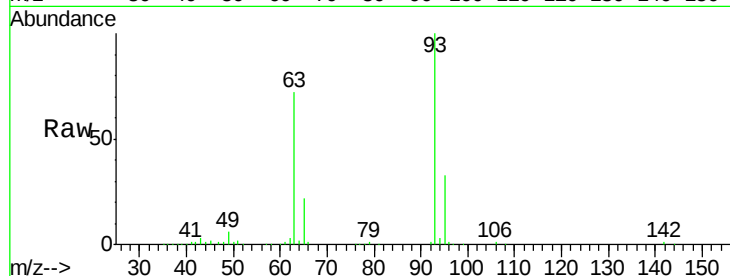




#11
 bis(2-Chloroethyl)ether
 Concen: 40.38 ng
 RT: 6.59 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF099535.D
 Acq: 16 Oct 2017 10:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	93	Resp	280845
Ion Ratio	Lower	Upper	
93	100		
63	72.2	58.6	98.6
95	32.6	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 42.27 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF099535.D
 Acq: 16 Oct 2017 10:52

Tgt Ion	146	Resp	325059
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.8	77.8
75	25.9	24.2	36.4

