

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040315\
 Data File : BF078240.D
 Acq On : 3 Apr 2015 14:18
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 08 09:23:55 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 03:14:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	43053	20.00	ng	0.05
21) Naphthalene-d8	8.56	136	174325	20.00	ng	0.05
38) Acenaphthene-d10	10.73	164	84252	20.00	ng	0.06
63) Phenanthrene-d10	12.56	188	167225	20.00	ng	0.06
75) Chrysene-d12	15.84	240	168515	20.00	ng	0.07
86) Perylene-d12	17.60	264	162373	20.00	ng	0.17

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	209384	80.19	ng	0.07
7) Phenol-d6	6.59	99	259740	79.37	ng	0.07
23) Nitrobenzene-d5	7.68	82	221251	76.93	ng	0.05
41) 2,4,6-Tribromophenol	11.70	330	64831	92.78	ng	0.05
44) 2-Fluorobiphenyl	9.90	172	462759	78.51	ng	0.05
78) Terphenyl-d14	14.55	244	583043	78.18	ng	0.05

Target Compounds					Qvalue	
2) 1,4-Dioxane	1.80	88	37888	32.09	ng	97
3) Pyridine	2.43	79	117341	37.94	ng	96
6) Aniline	6.57	93	182046	39.23	ng	91
8) 2-Chlorophenol	6.72	128	121489	39.35	ng	97
9) Benzaldehyde	6.42	77	81743	37.69	ng	92
10) Phenol	6.60	94	155682	39.70	ng	100
11) bis(2-Chloroethyl)ether	6.68	93	112634	39.94	ng	97
12) 1,3-Dichlorobenzene	6.90	146	131914	38.89	ng	96
13) 1,4-Dichlorobenzene	7.00	146	133951	39.24	ng	98
14) 1,2-Dichlorobenzene	7.18	146	121569	37.98	ng	96
15) Benzyl Alcohol	7.18	79	98472	42.82	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	7.36	45	149354	39.71	ng	85
17) 2-Methylphenol	7.34	107	94198	39.29	ng	95
18) Hexachloroethane	7.60	117	45993	39.95	ng	# 78
19) n-Nitroso-di-n-propylamine	7.52	70	89556	41.48	ng	97
20) 3+4-Methylphenols	7.54	107	127907	40.00	ng	98
22) Acetophenone	7.49	105	158278	38.97	ng	# 88
24) Nitrobenzene	7.70	77	116185	38.64	ng	# 80
25) Isophorone	8.01	82	231430	42.40	ng	99
26) 2-Nitrophenol	8.10	139	62599	43.69	ng	97
27) 2,4-Dimethylphenol	8.18	122	101966	38.27	ng	91
28) bis(2-Chloroethoxy)methane	8.29	93	137620	39.32	ng	99
29) 2,4-Dichlorophenol	8.41	162	101987	42.08	ng	94
30) 1,2,4-Trichlorobenzene	8.50	180	105523	37.97	ng	97
31) Naphthalene	8.58	128	343392	37.85	ng	99
32) Benzoic acid	8.32	122	66714	52.61	ng	94
33) 4-Chloroaniline	8.67	127	148776	39.51	ng	97
34) Hexachlorobutadiene	8.74	225	60386	39.57	ng	98
35) Caprolactam	9.10	113	31566	43.63	ng	98
36) 4-Chloro-3-methylphenol	9.30	107	107991	44.16	ng	92
37) 2-Methylnaphthalene	9.45	142	240477	39.04	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.65	216	107318	41.11	ng	99
40) Hexachlorocyclopentadiene	9.63	237	42964	41.79	ng	96
42) 2,4,6-Trichlorophenol	9.80	196	73895	44.88	ng	99

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 Data File : BF078240.D
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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

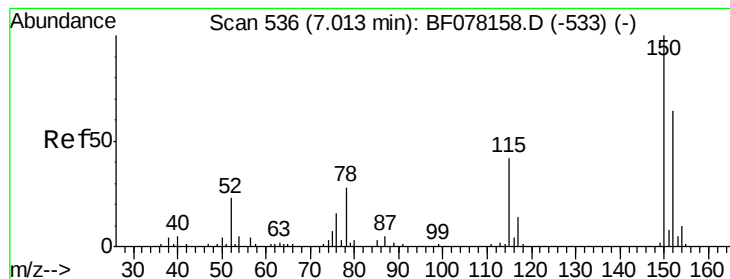
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 08 09:23:55 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 03:14:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	9.86	196	78771	45.80	ng	# 86
45) 1,1'-Biphenyl	10.03	154	280699	40.73	ng	99
46) 2-Chloronaphthalene	10.04	162	224734	41.45	ng	99
47) 2-Nitroaniline	10.18	65	59792	44.57	ng	98
48) Acenaphthylene	10.54	152	356412	40.71	ng	99
49) Dimethylphthalate	10.42	163	261778	41.36	ng	99
50) 2,6-Dinitrotoluene	10.50	165	57595	44.23	ng	97
51) Acenaphthene	10.76	154	201580	40.89	ng	98
52) 3-Nitroaniline	10.69	138	62213	42.01	ng	91
53) 2,4-Dinitrophenol	10.83	184	16667	43.84	ng	95
54) Dibenzofuran	10.98	168	306633	40.72	ng	98
55) 4-Nitrophenol	10.98	139	162984	147.08	ng	# 22
56) 2,4-Dinitrotoluene	10.99	165	75965	45.04	ng	92
57) Fluorene	11.40	166	260407	42.67	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.14	232	61569	48.28	ng	100
59) Diethylphthalate	11.30	149	261470	42.84	ng	99
60) 4-Chlorophenyl-phenylether	11.41	204	118840	42.33	ng	# 81
61) 4-Nitroaniline	11.45	138	59749	39.92	ng	95
62) Azobenzene	11.61	77	230504	41.38	ng	95
64) 4,6-Dinitro-2-methylphenol	11.48	198	29415	37.68	ng	85
65) n-Nitrosodiphenylamine	11.56	169	228481	39.50	ng	98
66) 4-Bromophenyl-phenylether	12.02	248	72384	40.87	ng	# 89
67) Hexachlorobenzene	12.07	284	74492	38.38	ng	# 79
68) Atrazine	12.25	200	71088	42.43	ng	98
69) Pentachlorophenol	12.33	266	36968	46.55	ng	98
70) Phenanthrene	12.58	178	367261	37.97	ng	99
71) Anthracene	12.65	178	386257	40.52	ng	100
72) Carbazole	12.87	167	363028	40.64	ng	99
73) Di-n-butylphthalate	13.32	149	436837	43.17	ng	100
74) Fluoranthene	14.05	202	422985	41.46	ng	92
76) Benzidine	14.25	184	184947	28.50	ng	99
77) Pyrene	14.33	202	421941	39.89	ng	98
79) Butylbenzylphthalate	15.17	149	186765	46.32	ng	95
80) Benzo(a)anthracene	15.83	228	398221	39.72	ng	99
81) 3,3'-Dichlorobenzidine	15.81	252	142057	42.30	ng	# 98
82) Chrysene	15.87	228	374771	39.78	ng	100
83) Bis(2-ethylhexyl)phthalate	15.91	149	282468	44.67	ng	# 96
84) Di-n-octyl phthalate	16.72	149	492086	47.39	ng	# 100
85) Indeno(1,2,3-cd)pyrene	18.91	276	441154	41.27	ng	# 85
87) Benzo(b)fluoranthene	17.17	252	315338	31.42	ng	# 96
88) Benzo(k)fluoranthene	17.17	252	319802	35.86	ng	97
89) Benzo(a)pyrene	17.53	252	361509	41.28	ng	# 96
90) Dibenzo(a,h)anthracene	18.93	278	328142	37.42	ng	97

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

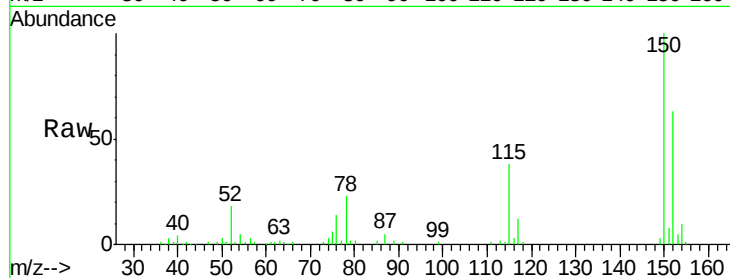


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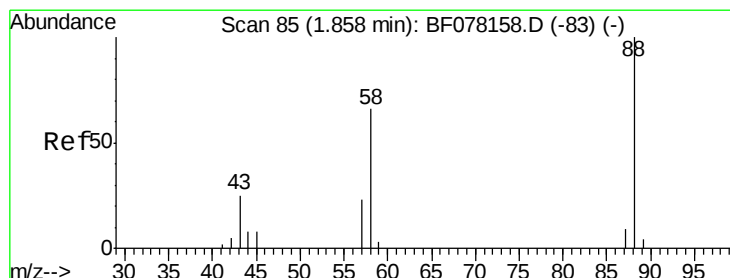
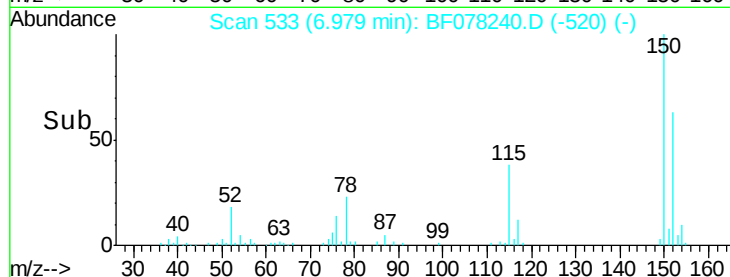
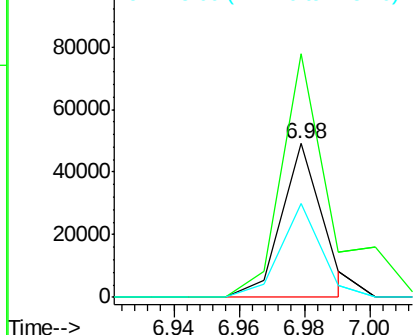
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 533
Delta R.T. 0.05 min
Lab File: BF078240.D
Acq: 3 Apr 2015 14:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 152 Resp: 43053
Ion Ratio Lower Upper
152 100
150 158.6 125.9 188.9
115 60.9 52.7 79.1



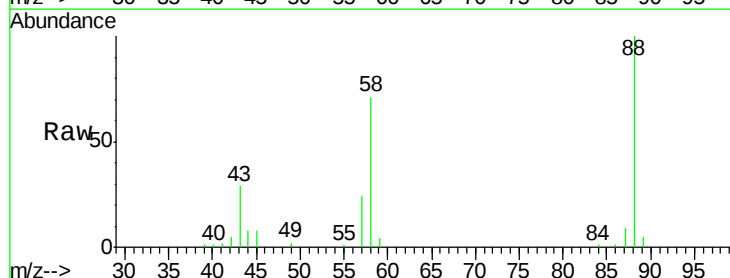
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



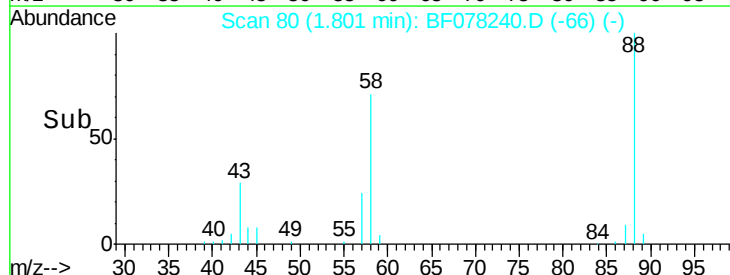
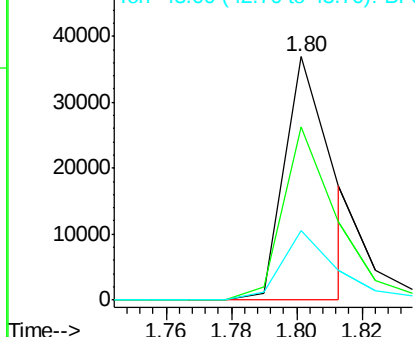
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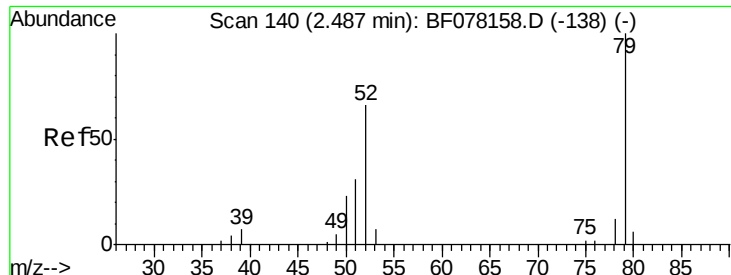
1,4-Dioxane
Concen: 32.09 ng
RT: 1.80 min Scan# 80
Delta R.T. 0.06 min
Lab File: BF078240.D
Acq: 3 Apr 2015 14:18

Tgt Ion: 88 Resp: 37888
Ion Ratio Lower Upper
88 100
58 72.9 56.9 85.3
43 29.2 21.4 32.2



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

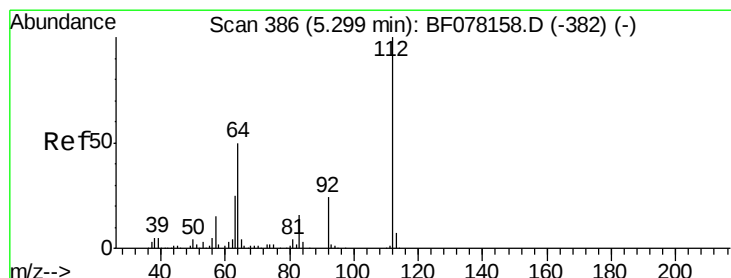
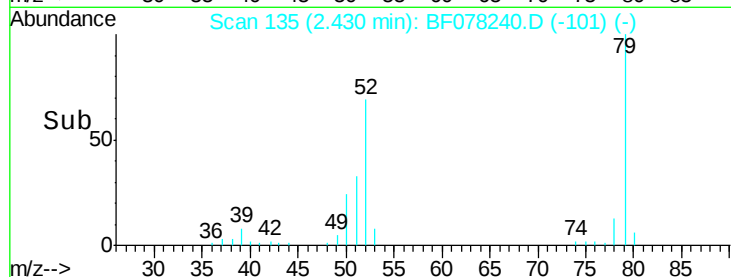
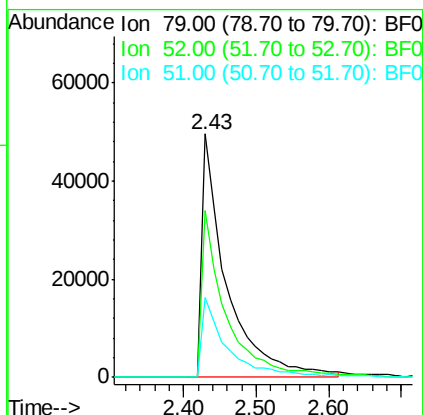
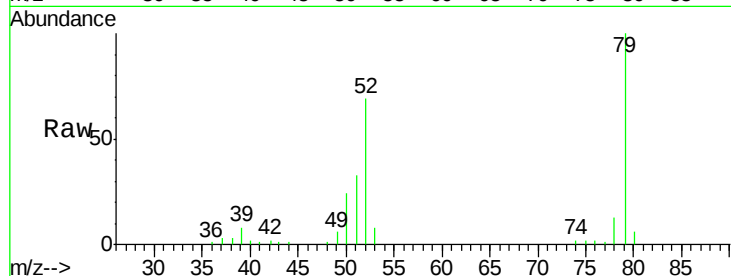




#3
 Pyridine
 Concen: 37.94 ng
 RT: 2.43 min Scan# 135
 Delta R.T. 0.09 min
 Lab File: BF078240.D
 Acq: 3 Apr 2015 14:18

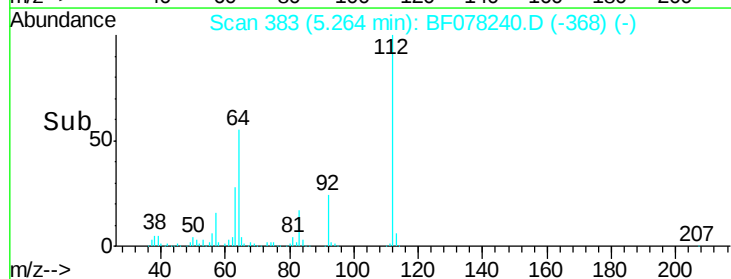
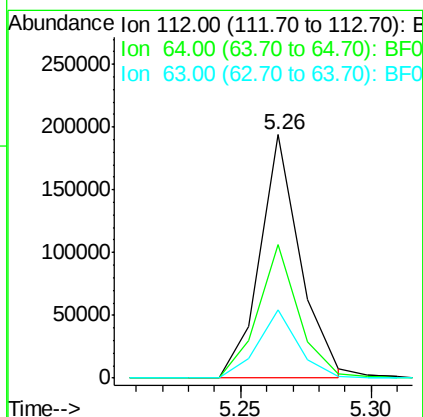
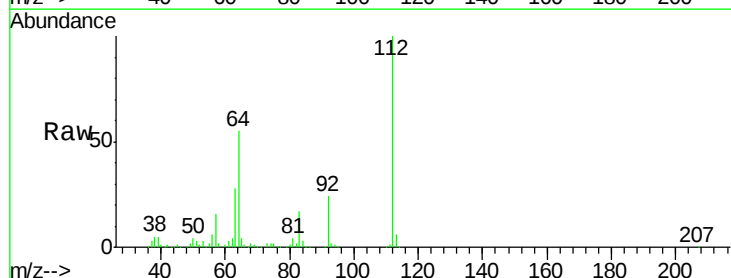
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

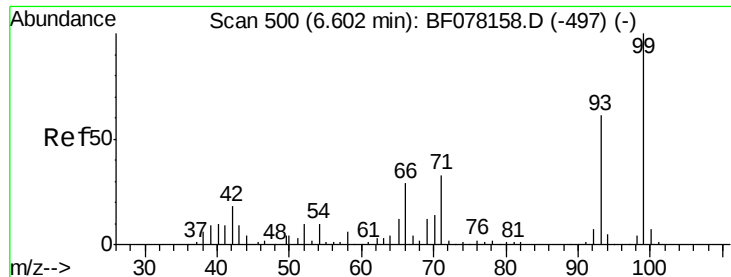
Tgt Ion: 79 Resp: 117341
 Ion Ratio Lower Upper
 79 100
 52 68.6 52.4 78.6
 51 32.6 24.9 37.3



#5
 2-Fluorophenol
 Concen: 80.19 ng
 RT: 5.26 min Scan# 383
 Delta R.T. 0.07 min
 Lab File: BF078240.D
 Acq: 3 Apr 2015 14:18

Tgt Ion: 112 Resp: 209384
 Ion Ratio Lower Upper
 112 100
 64 54.7 39.9 59.9
 63 28.0 20.2 30.4

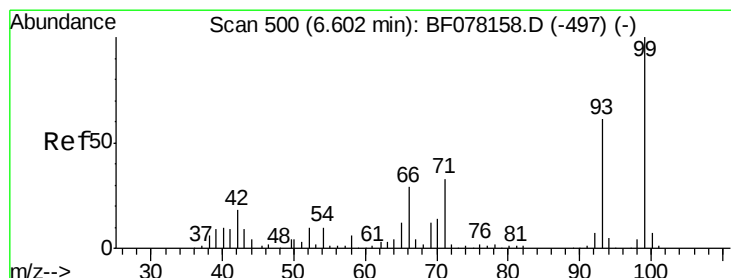
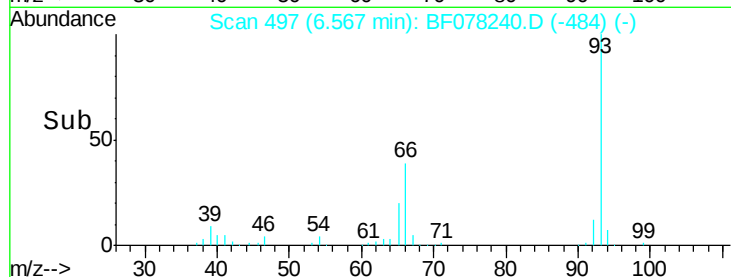
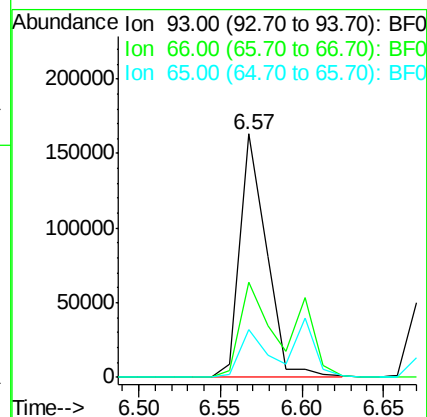
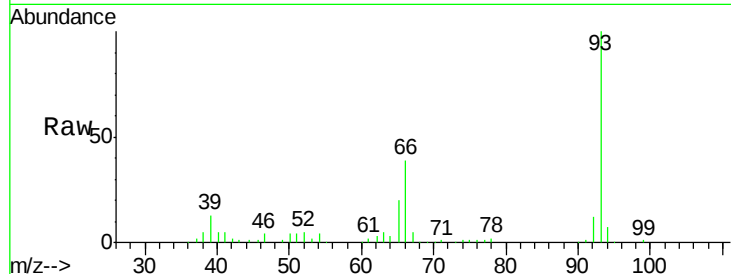




#6
Aniline
Concen: 39.23 ng
RT: 6.57 min Scan# 497
Delta R.T. 0.05 min
Lab File: BF078240.D
Acq: 3 Apr 2015 14:18

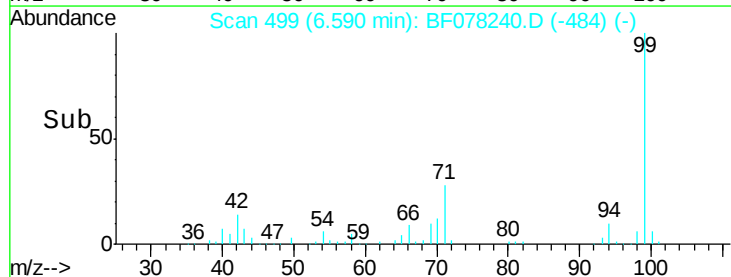
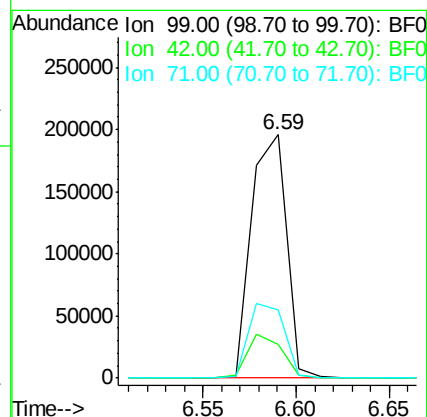
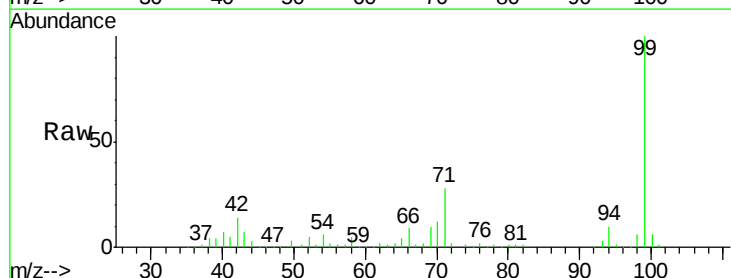
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

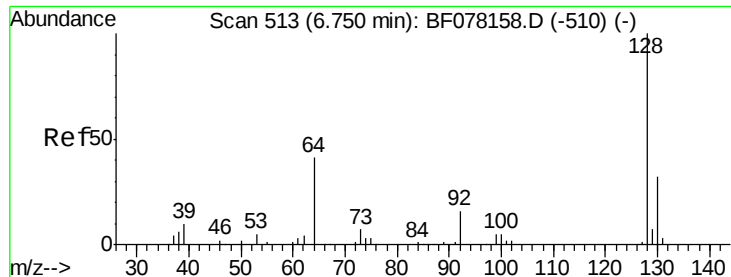
Tgt Ion: 93 Resp: 182046
Ion Ratio Lower Upper
93 100
66 39.3 38.0 57.0
65 19.8 16.3 24.5



#7
Phenol-d6
Concen: 79.37 ng
RT: 6.59 min Scan# 499
Delta R.T. 0.07 min
Lab File: BF078240.D
Acq: 3 Apr 2015 14:18

Tgt Ion: 99 Resp: 259740
Ion Ratio Lower Upper
99 100
42 13.6 14.8 22.2#
71 27.9 26.6 39.8

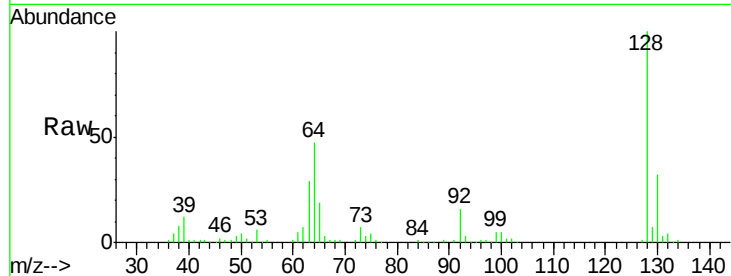




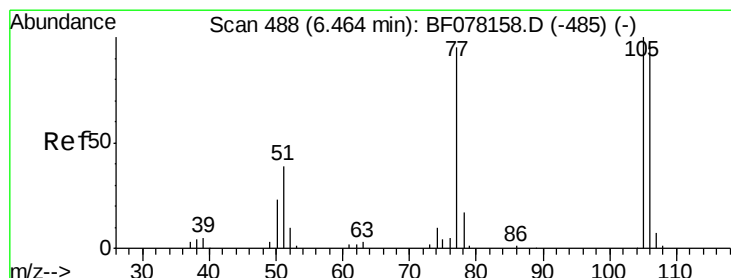
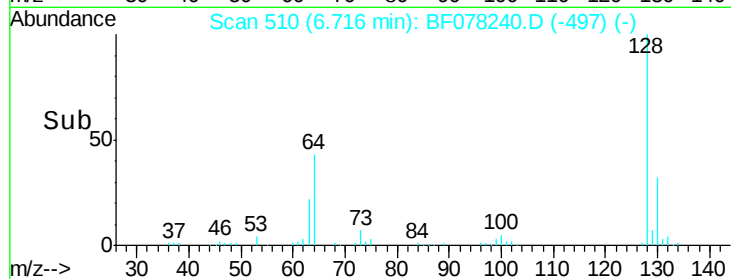
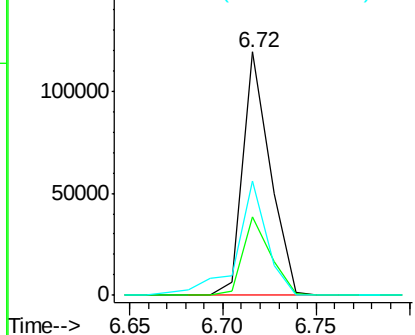
#8
2-Chlorophenol
Concen: 39.35 ng
RT: 6.72 min Scan# 510
Delta R.T. 0.05 min
Lab File: BF078240.D
Acq: 3 Apr 2015 14:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 121489
Ion Ratio Lower Upper
128 100
130 32.2 12.3 52.3
64 47.1 23.8 63.8

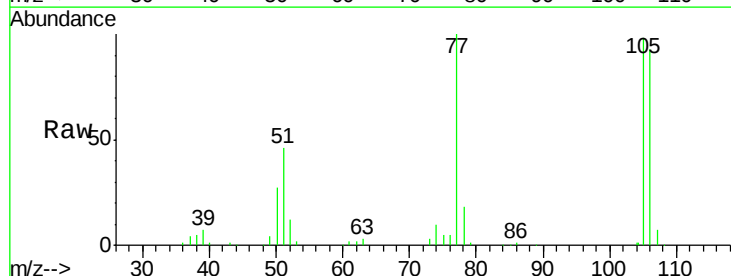


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

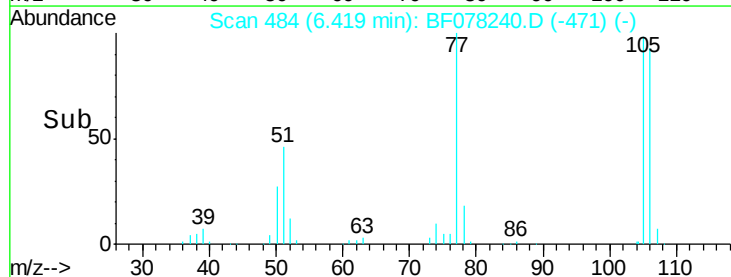
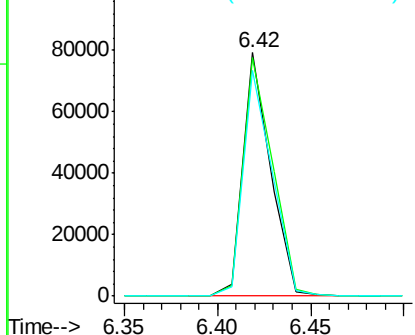


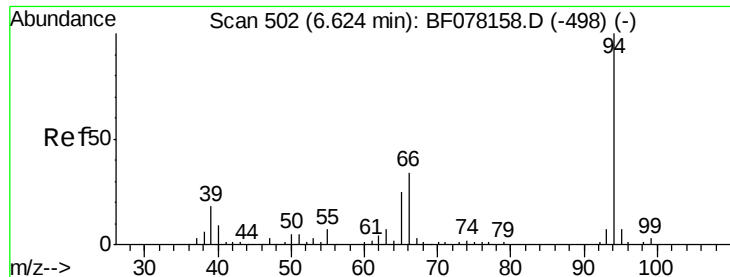
#9
Benzaldehyde
Concen: 37.69 ng
RT: 6.42 min Scan# 484
Delta R.T. 0.05 min
Lab File: BF078240.D
Acq: 3 Apr 2015 14:18

Tgt Ion: 77 Resp: 81743
Ion Ratio Lower Upper
77 100
105 98.1 85.4 125.4
106 92.8 80.8 120.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 39.70 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.06 min

Lab File: BF078240.D

Acq: 3 Apr 2015 14:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

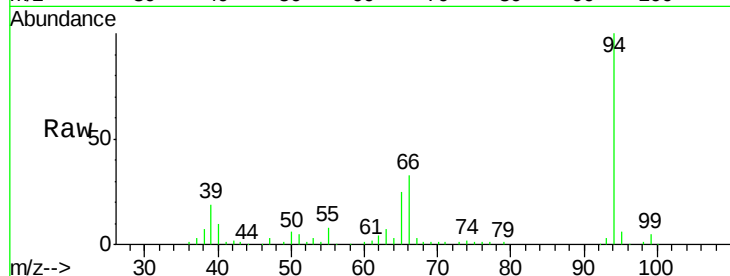
Tgt Ion: 94 Resp: 155682

Ion Ratio Lower Upper

94 100

65 24.9 4.9 44.9

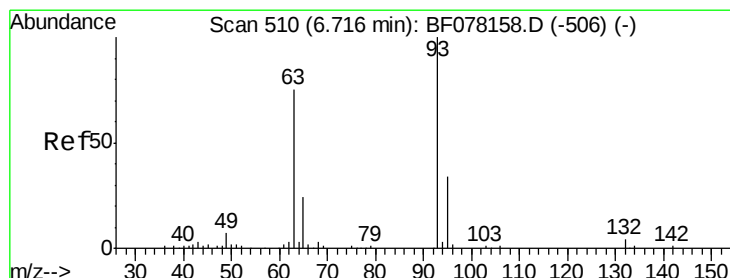
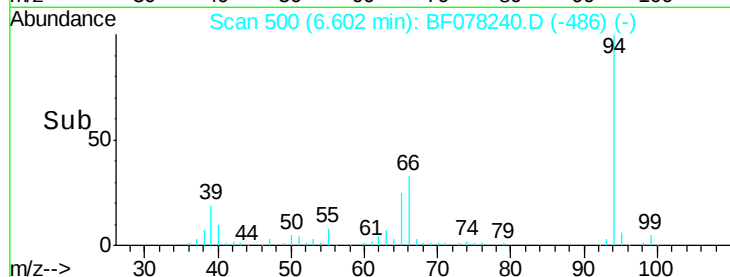
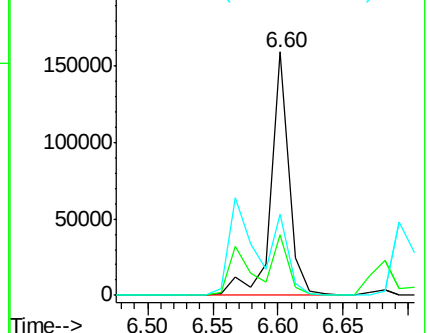
66 33.4 13.8 53.8



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 39.94 ng

RT: 6.68 min Scan# 507

Delta R.T. 0.05 min

Lab File: BF078240.D

Acq: 3 Apr 2015 14:18

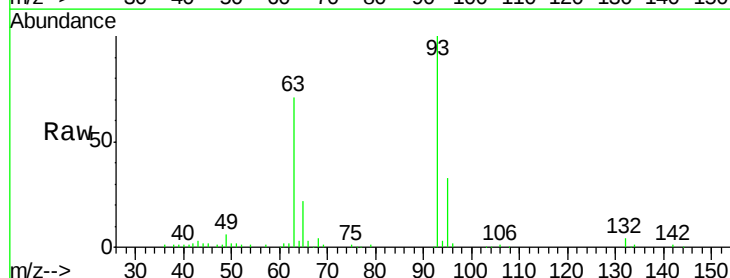
Tgt Ion: 93 Resp: 112634

Ion Ratio Lower Upper

93 100

63 71.0 54.6 94.6

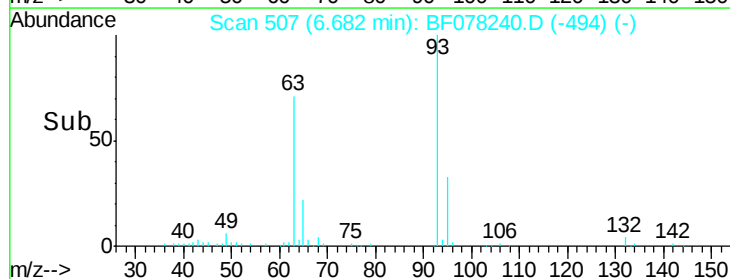
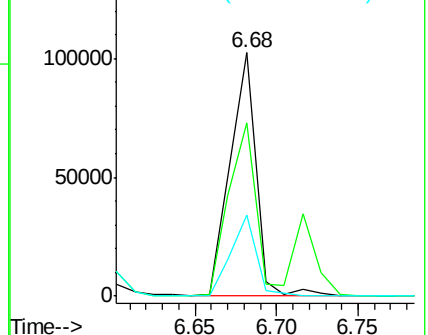
95 33.3 13.6 53.6

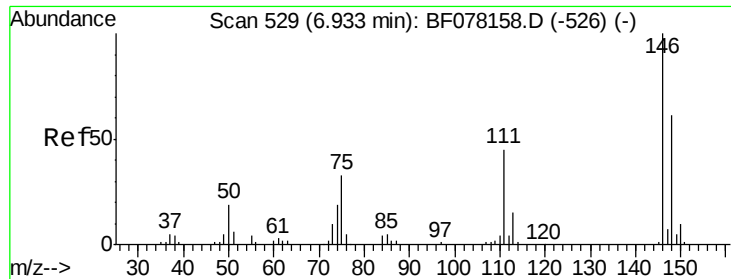


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

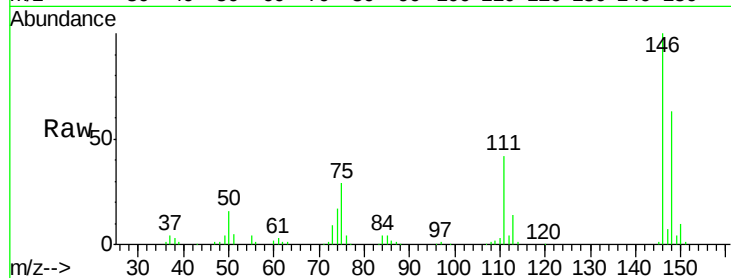




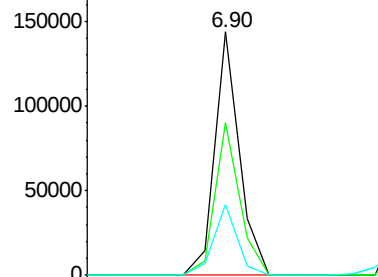
#12
 1,3-Dichlorobenzene
 Concen: 38.89 ng
 RT: 6.90 min Scan# 526
 Delta R.T. 0.05 min
 Lab File: BF078240.D
 Acq: 3 Apr 2015 14:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

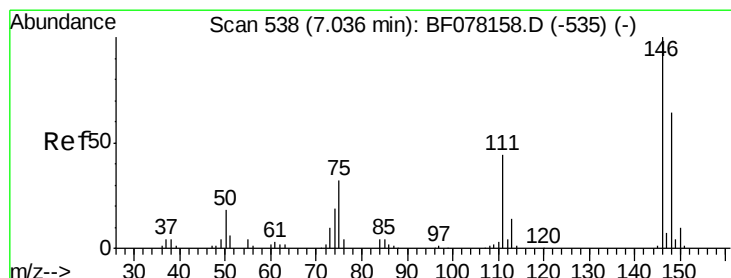
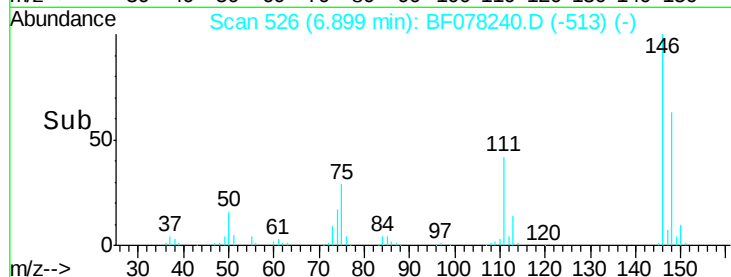
Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	49.1	73.7
75	29.2	26.6	40.0



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): BF0

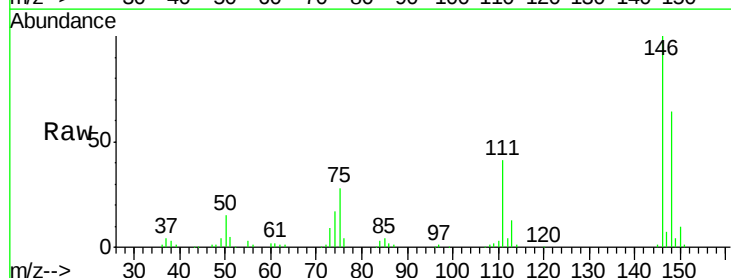


Time-->

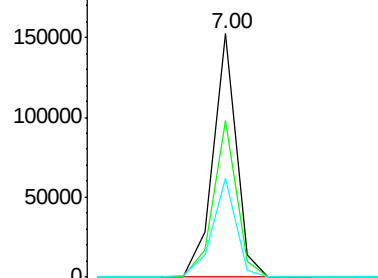


#13
 1,4-Dichlorobenzene
 Concen: 39.24 ng
 RT: 7.00 min Scan# 535
 Delta R.T. 0.05 min
 Lab File: BF078240.D
 Acq: 3 Apr 2015 14:18

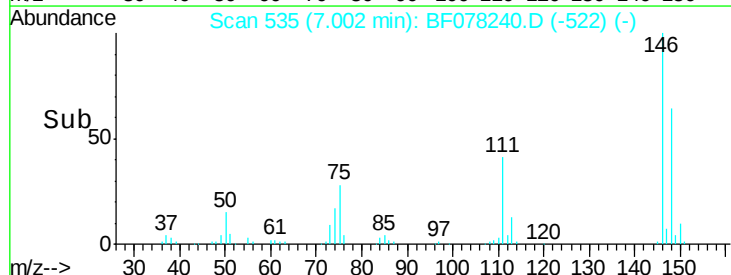
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.0
111	40.7	35.0	52.4

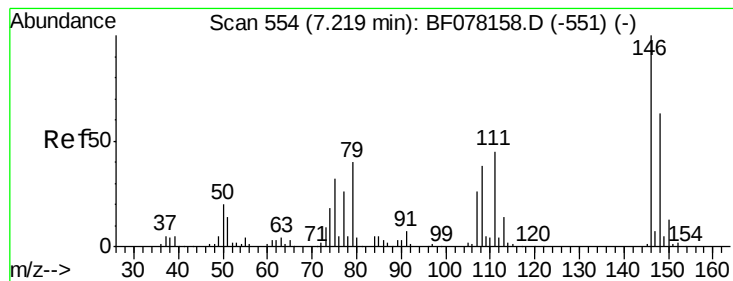


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E



Time-->

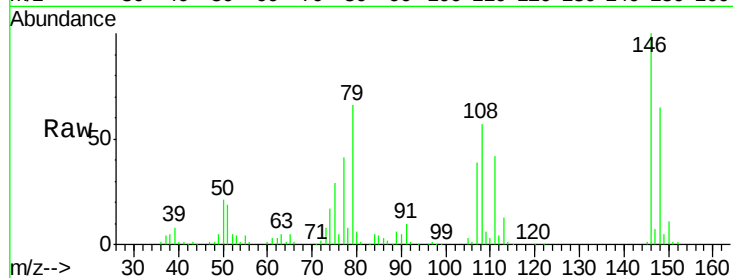




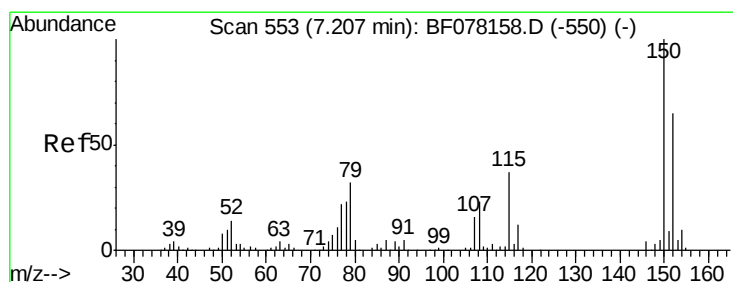
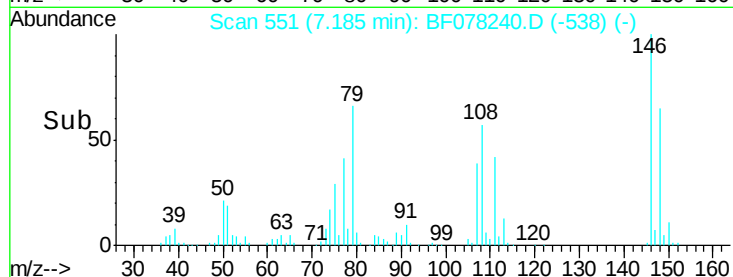
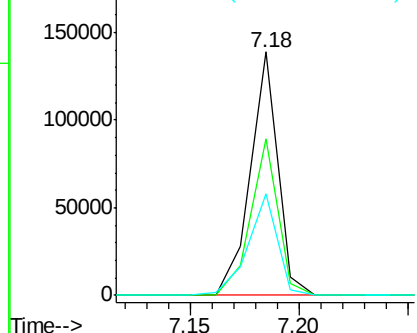
#14
 1,2-Dichlorobenzene
 Concen: 37.98 ng
 RT: 7.18 min Scan# 551
 Delta R.T. 0.05 min
 Lab File: BF078240.D
 Acq: 3 Apr 2015 14:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:146 Resp: 121569
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.2 75.4
 111 41.6 36.1 54.1

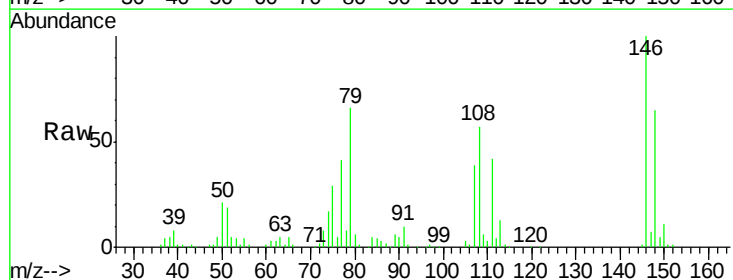


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E



#15
 Benzyl Alcohol
 Concen: 42.82 ng
 RT: 7.18 min Scan# 551
 Delta R.T. 0.06 min
 Lab File: BF078240.D
 Acq: 3 Apr 2015 14:18

Tgt Ion: 79 Resp: 98472
 Ion Ratio Lower Upper
 79 100
 108 87.1 57.6 86.4#
 77 62.6 53.5 80.3



Abundance Ion 79.00 (78.70 to 79.70): BF0
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0

