Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
Data File : BF078073.D
Acq On : 28 Mar 2015 10:45
Operator : TP/IZ
Sample : G1677-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DEL-3S-2(7.0-7.5)

Quant Time: Mar 30 00:15:43 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 30 00:50:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.08	152	38037	20.00	ng	0.01
21) Naphthalene-d8	8.66	136	126750	20.00	ng	0.01
38) Acenaphthene-d10	10.84	164	48514	20.00	ng	0.02
63) Phenanthrene-d10	12.68	188	121425	20.00	ng	0.03
75) Chrysene-d12	15.94	240	167376	20.00	ng	0.01
86) Perylene-d12	17.68	264	160940	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	226083	103.75	ng	0.00
7) Phenol-d6	6.67	99	272466	101.20	ng	0.00
23) Nitrobenzene-d5	7.78	82	223087	115.37	ng	0.00
41) 2,4,6-Tribromophenol	11.82	330	51705	111.39	ng	0.02
44) 2-Fluorobiphenyl	10.01	172	304876	92.35	ng	0.01
78) Terphenyl-d14	14.66	244	362290	52.87	ng	0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.49	77	100024	90.68	ng	# 1
15) Benzyl Alcohol	7.26	79	22144	10.54	ng	# 45
17) 2-Methylphenol	7.44	107	8941	4.23	ng	# 1
18) Hexachloroethane	7.66	117	53951	54.88	ng	# 1
19) n-Nitroso-di-n-propylamine	7.60	70	74477	39.99	ng	# 69
22) Acetophenone	7.57	105	646313	230.34	ng	# 57
24) Nitrobenzene	7.76	77	95365	45.78	ng	# 27
25) Isophorone	8.08	82	100612	25.76	ng	# 1
26) 2-Nitrophenol	8.22	139	17104	16.77	ng	# 1
28) bis(2-Chloroethoxy)methane	8.38	93	16903	7.13	ng	# 1
29) 2,4-Dichlorophenol	8.49	162	19141	10.81	ng	# 23
31) Naphthalene	8.69	128	734103	112.77	ng	# 90
32) Benzoic acid	8.42	122	10515	12.58	ng	# 39
35) Caprolactam	9.24	113	105879	204.57	ng	# 29
36) 4-Chloro-3-methylphenol	9.33	107	5451	3.06	ng	# 25
37) 2-Methylnaphthalene	9.56	142	1295555	296.24	ng	# 96
42) 2,4,6-Trichlorophenol	9.93	196	5876	5.86	ng	# 12
43) 2,4,5-Trichlorophenol	9.97	196	3594	3.32	ng	# 1
45) 1,1'-Biphenyl	10.13	154	369224	95.21	ng	99
47) 2-Nitroaniline	10.29	65	7863	10.05	ng	# 1
48) Acenaphthylene	10.67	152	39385	7.51	ng	# 1
49) Dimethylphthalate	10.52	163	19697	5.47	ng	# 55
50) 2,6-Dinitrotoluene	10.60	165	5105	6.84	ng	# 76
51) Acenaphthene	10.88	154	56871	18.93	ng	# 89
52) 3-Nitroaniline	10.77	138	2862	3.30	ng	# 52
53) 2,4-Dinitrophenol	10.94	184	1118	11.73	ng	# 1
54) Dibenzofuran	11.09	168	62455	14.01	ng	# 34
55) 4-Nitrophenol	11.04	139	7416	11.56	ng	# 2
56) 2,4-Dinitrotoluene	11.10	165	38608	39.70	ng	# 66
57) Fluorene	11.52	166	222543	60.14	ng	# 88
58) 2,3,4,6-Tetrachlorophenol	11.28	232	2289	2.75	ng	# 100
59) Diethylphthalate	11.40	149	24690	7.04	ng	# 1
61) 4-Nitroaniline	11.60	138	1753	2.03	ng	# 1
62) Azobenzene	11.74	77	12927	3.86	ng	# 9

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
Data File : BF078073.D
Acq On : 28 Mar 2015 10:45
Operator : TP/IZ
Sample : G1677-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DEL-3S-2(7.0-7.5)

Quant Time: Mar 30 00:15:43 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 30 00:50:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
64) 4,6-Dinitro-2-methylphenol	11.62	198	1998	7.47	ng	#	1
65) n-Nitrosodiphenylamine	11.68	169	224783	55.60	ng	#	45
68) Atrazine	12.35	200	26883	23.73	ng	#	66
69) Pentachlorophenol	12.49	266	2576	6.40	ng	#	4
70) Phenanthrene	12.71	178	520630	74.69	ng	#	96
71) Anthracene	12.76	178	50001	7.26	ng	#	1
74) Fluoranthene	14.18	202	30814	4.01	ng	#	38
77) Pyrene	14.45	202	121651	11.56	ng	#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
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Acq On : 28 Mar 2015 10:45
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Sample : G1677-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
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QLast Update : Mon Mar 30 00:50:20 2015
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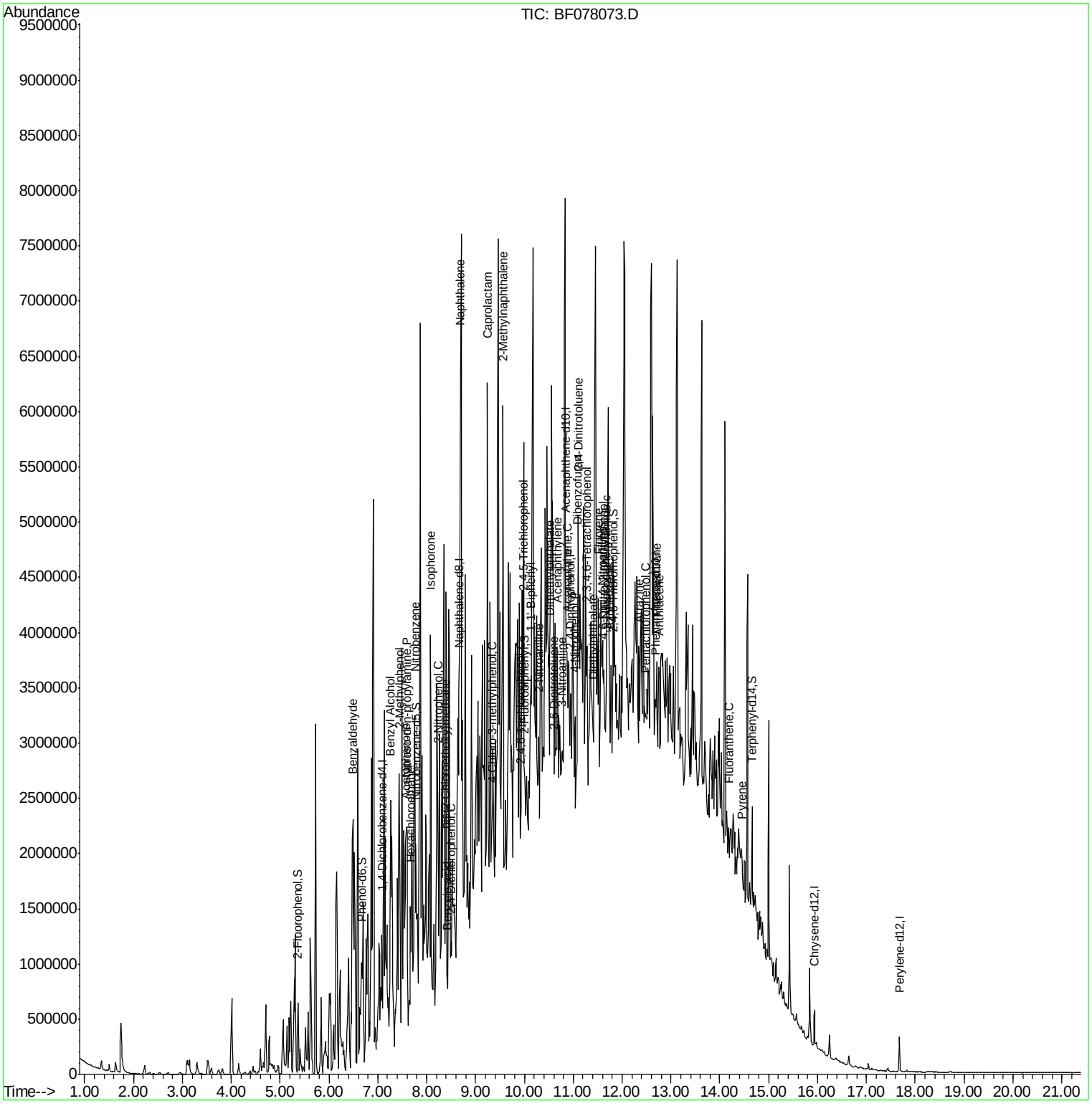
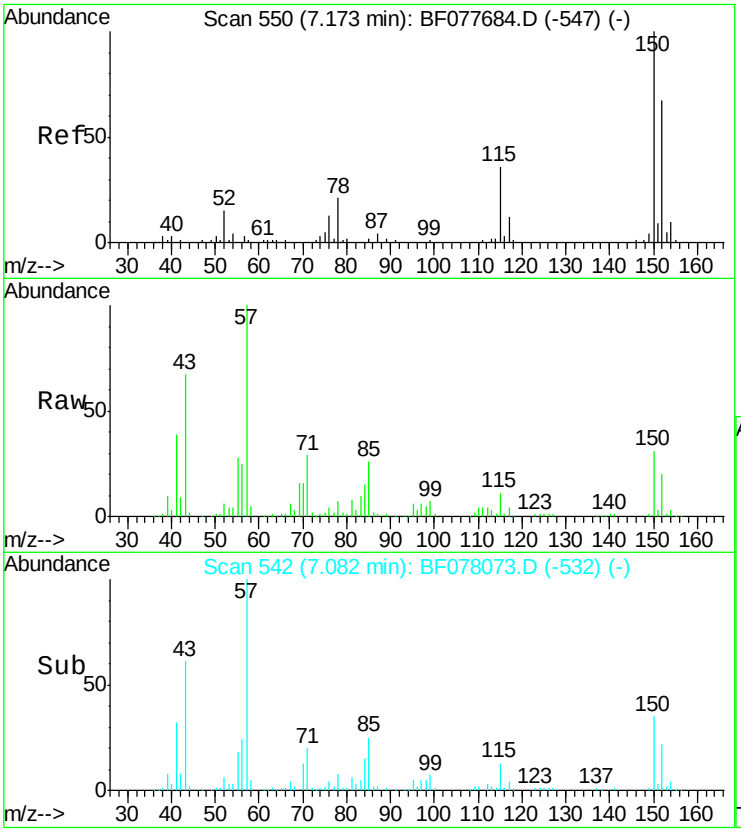


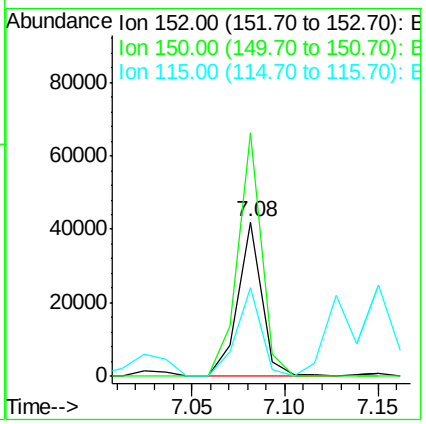


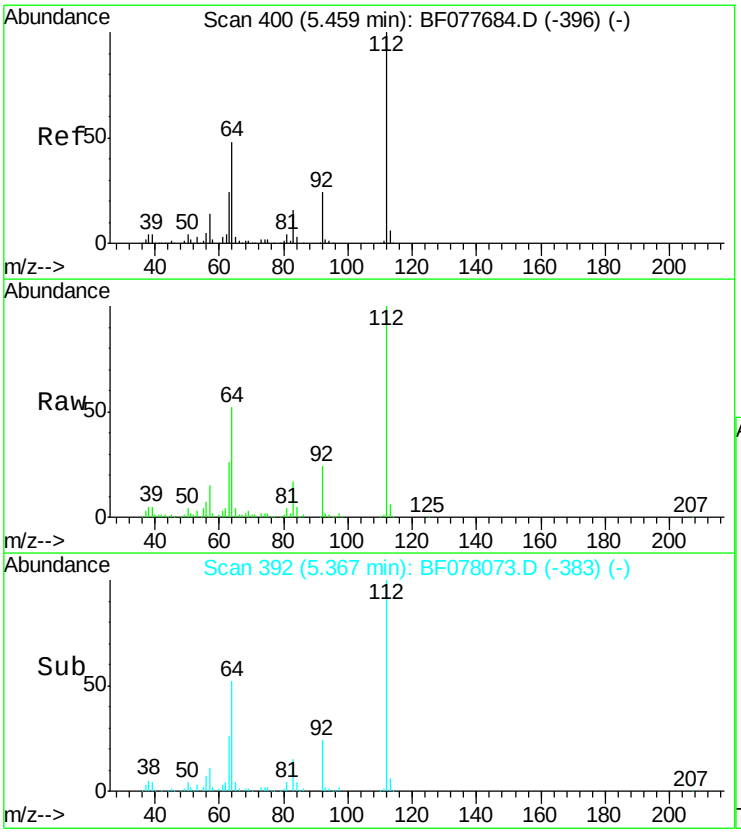
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.08 min Scan# 542
Delta R.T. 0.01 min
Lab File: BF078073.D
Acq: 28 Mar 2015 10:45

Instrument :
BNA_F
ClientSampleId :
DEL-3S-2(7.0-7.5)

Tgt Ion:152 Resp: 38037

Ion	Ratio	Lower	Upper
152	100		
150	157.5	119.5	179.3
115	57.5	43.0	64.4

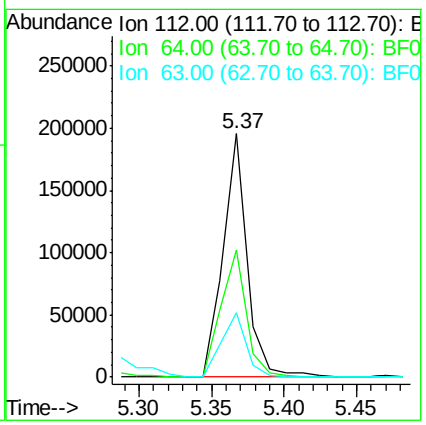


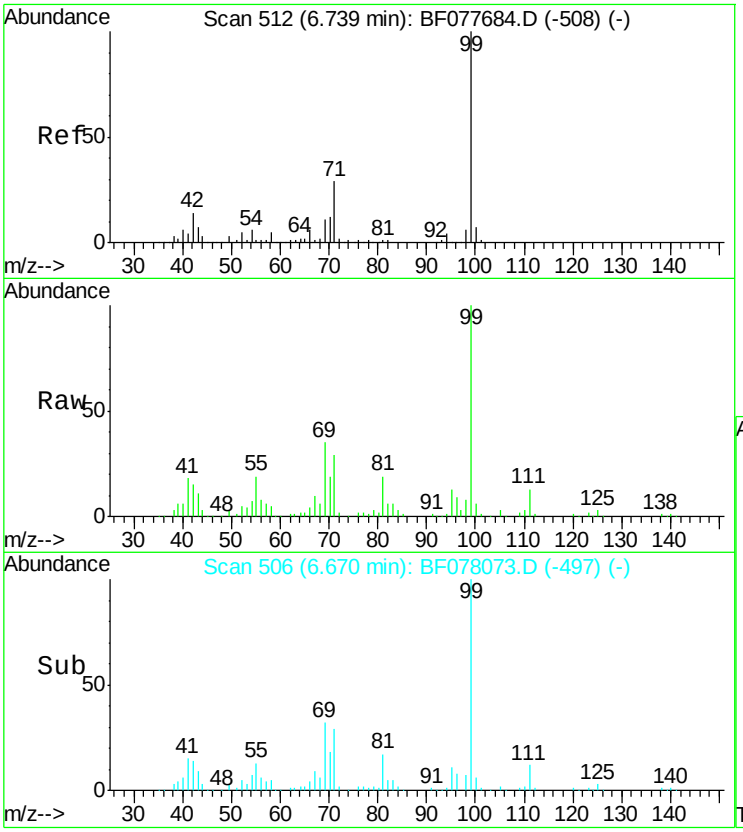


#5
2-Fluorophenol
Concen: 103.75 ng
RT: 5.37 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF078073.D
Acq: 28 Mar 2015 10:45

Tgt Ion:112 Resp: 226083

Ion	Ratio	Lower	Upper
112	100		
64	52.0	38.6	57.8
63	26.5	19.3	28.9



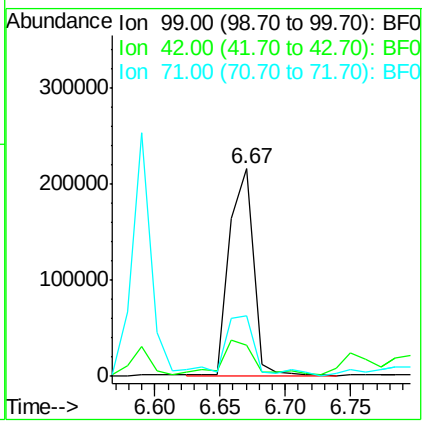


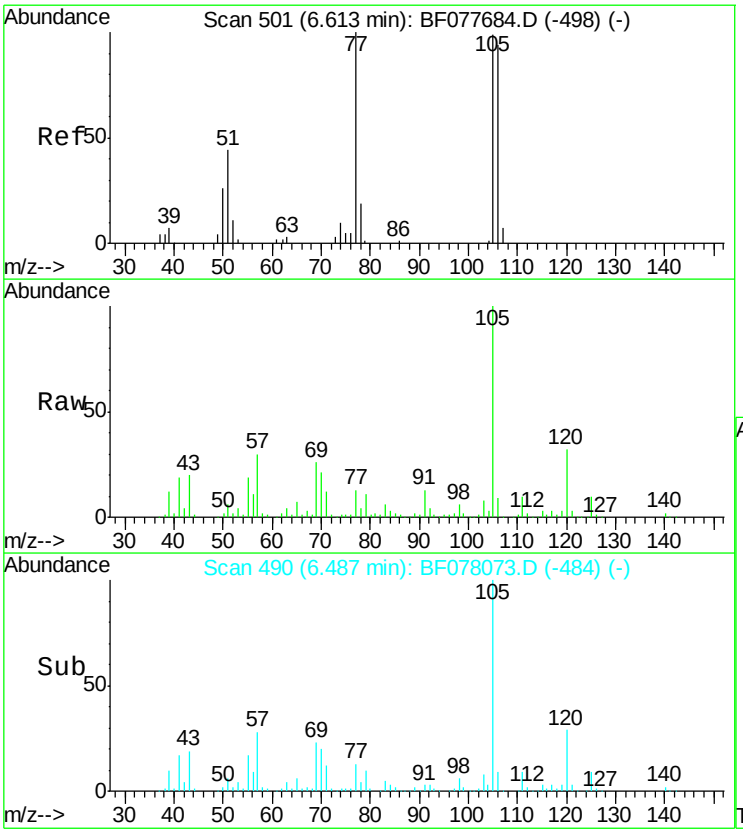
#7
Phenol-d6
Concen: 101.20 ng
RT: 6.67 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF078073.D
Acq: 28 Mar 2015 10:45

Instrument :
BNA_F
ClientSampleId :
DEL-3S-2(7.0-7.5)

Tgt Ion: 99 Resp: 272466

Ion	Ratio	Lower	Upper
99	100		
42	14.9	11.0	16.4
71	29.3	23.4	35.2

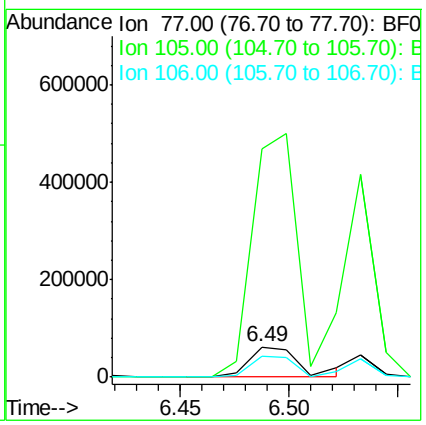


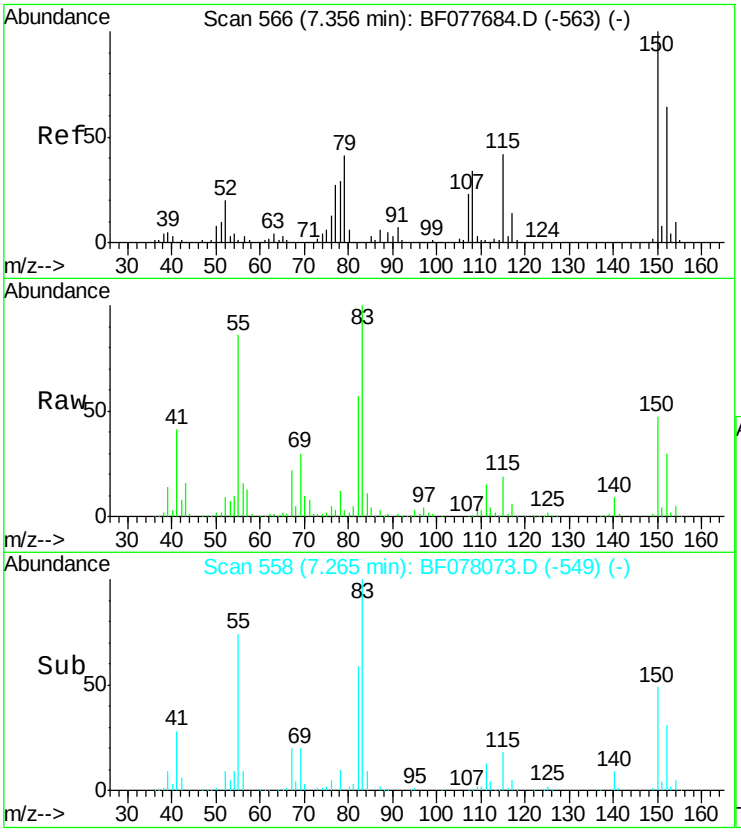


#9
Benzaldehyde
Concen: 90.68 ng
RT: 6.49 min Scan# 490
Delta R.T. -0.03 min
Lab File: BF078073.D
Acq: 28 Mar 2015 10:45

Tgt Ion: 77 Resp: 100024

Ion	Ratio	Lower	Upper
77	100		
105	751.6	78.8	118.8#
106	69.9	73.7	113.7#



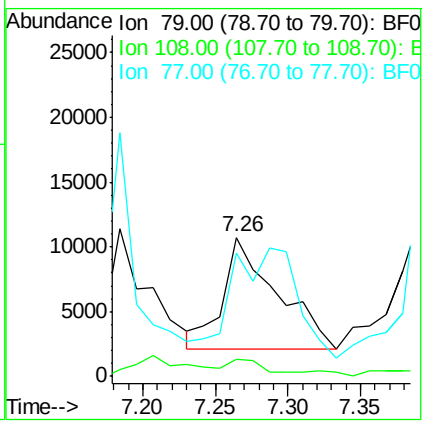


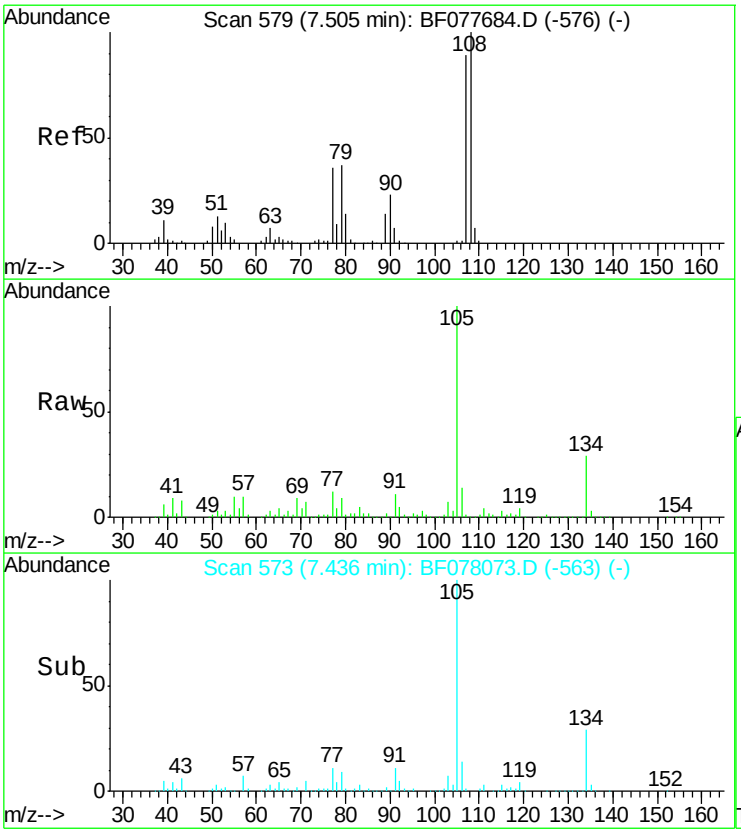
#15
Benzyl Alcohol
Concen: 10.54 ng
RT: 7.26 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF078073.D
Acq: 28 Mar 2015 10:45

Instrument :
BNA_F
ClientSampleId :
DEL-3S-2(7.0-7.5)

Tgt Ion: 79 Resp: 22144

Ion	Ratio	Lower	Upper
79	100		
108	12.5	65.0	97.4#
77	88.5	53.0	79.6#

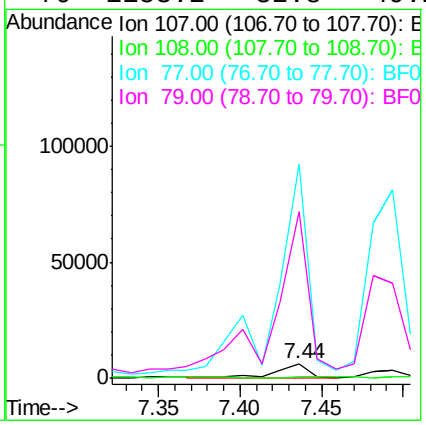


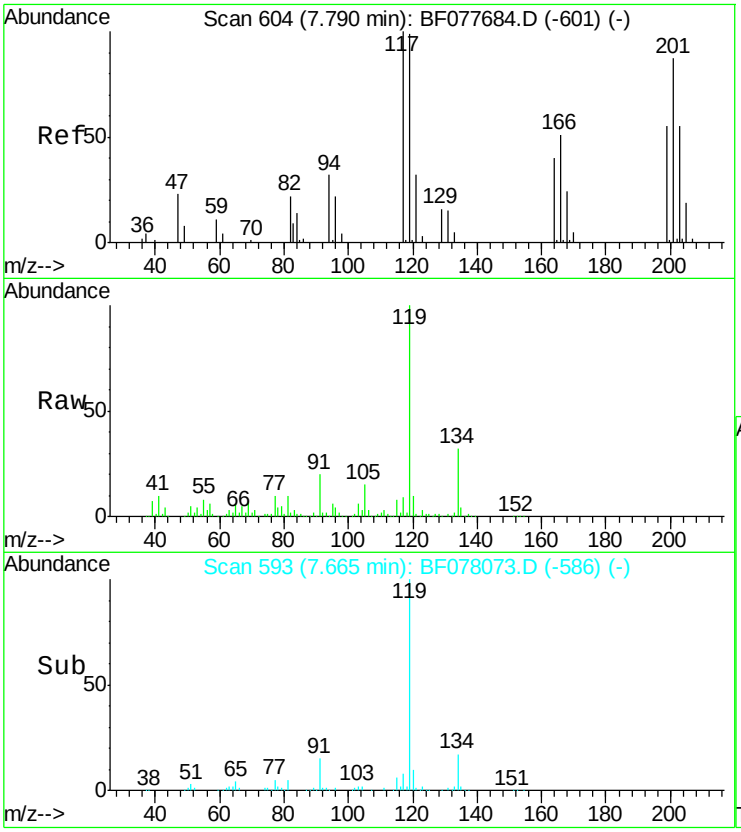


#17
2-Methylphenol
Concen: 4.23 ng
RT: 7.44 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF078073.D
Acq: 28 Mar 2015 10:45

Tgt Ion:107 Resp: 8941

Ion	Ratio	Lower	Upper
107	100		
108	7.0	89.8	134.8#
77	1479.4	32.6	48.8#
79	1153.2	32.8	49.2#



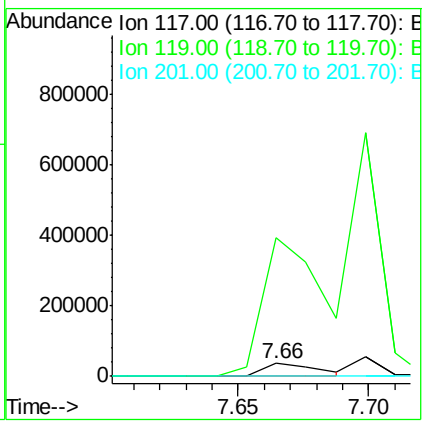


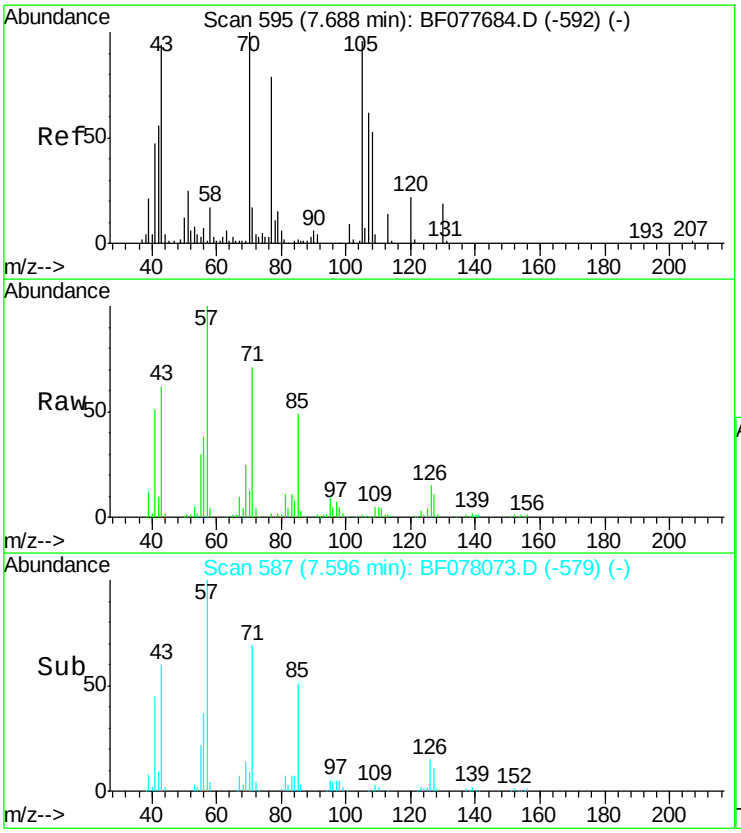
#18
Hexachloroethane
Concen: 54.88 ng
RT: 7.66 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF078073.D
Acq: 28 Mar 2015 10:45

Instrument :
BNA_F
ClientSampleId :
DEL-3S-2(7.0-7.5)

Tgt Ion:117 Resp: 53951

Ion	Ratio	Lower	Upper
117	100		
119	1082.4	79.2	118.8#
201	0.0	69.8	104.6#

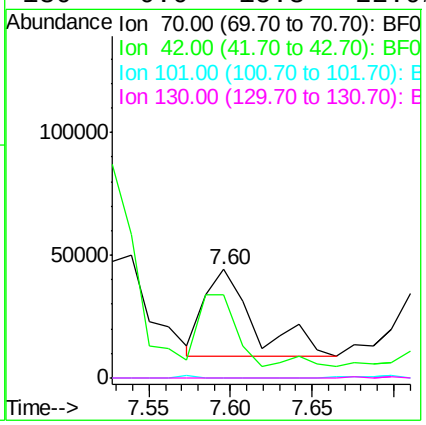


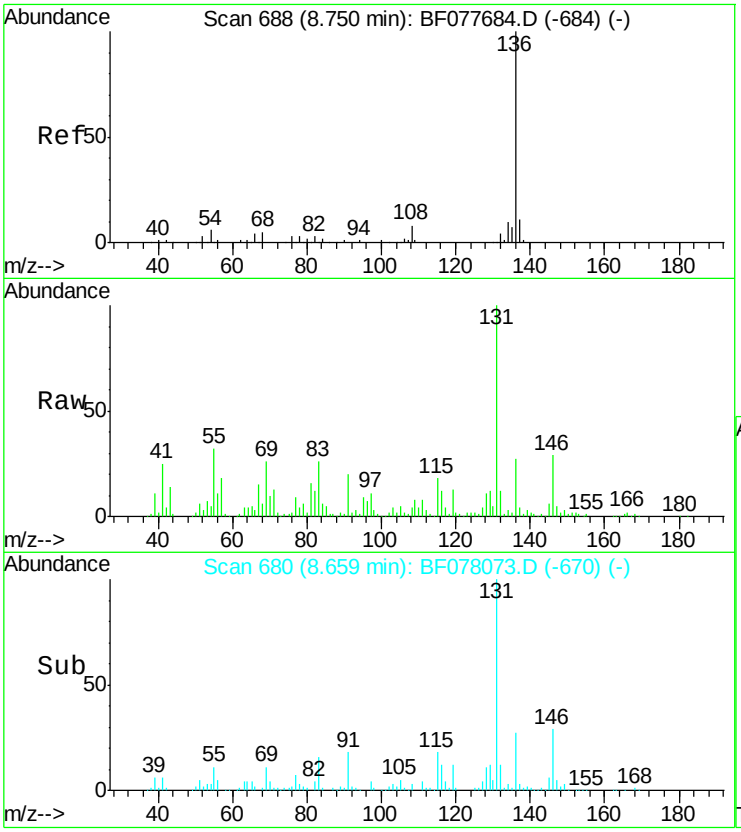


#19
n-Nitroso-di-n-propylamine
Concen: 39.99 ng
RT: 7.60 min Scan# 587
Delta R.T. -0.01 min
Lab File: BF078073.D
Acq: 28 Mar 2015 10:45

Tgt Ion: 70 Resp: 74477

Ion	Ratio	Lower	Upper
70	100		
42	76.2	44.5	66.7#
101	0.0	7.4	11.2#
130	0.0	15.3	22.9#



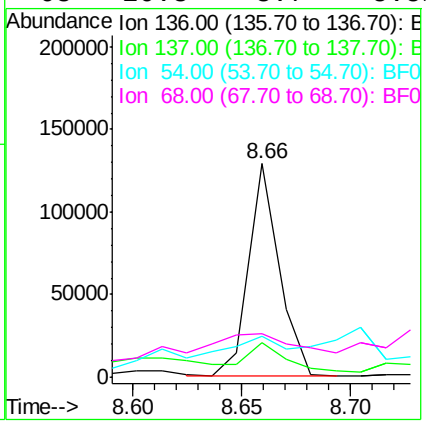


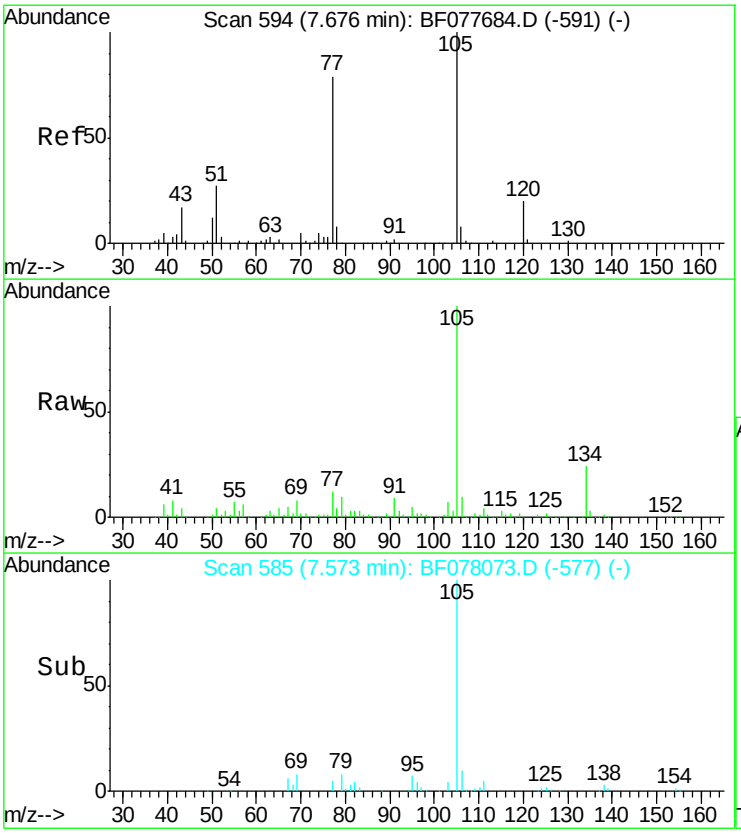
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.66 min Scan# 680
Delta R.T. 0.01 min
Lab File: BF078073.D
Acq: 28 Mar 2015 10:45

Instrument :
BNA_F
ClientSampleId :
DEL-3S-2(7.0-7.5)

Tgt Ion:136 Resp: 126750

Ion	Ratio	Lower	Upper
136	100		
137	16.0	8.7	13.1#
54	19.2	4.6	6.8#
68	20.3	3.7	5.5#

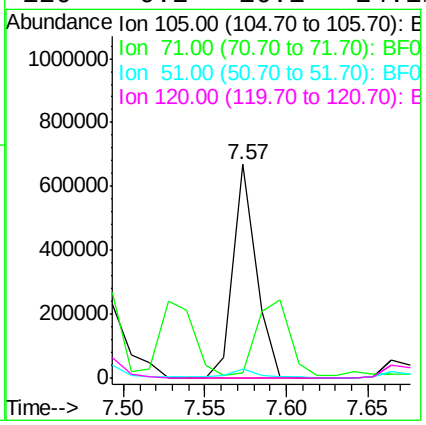


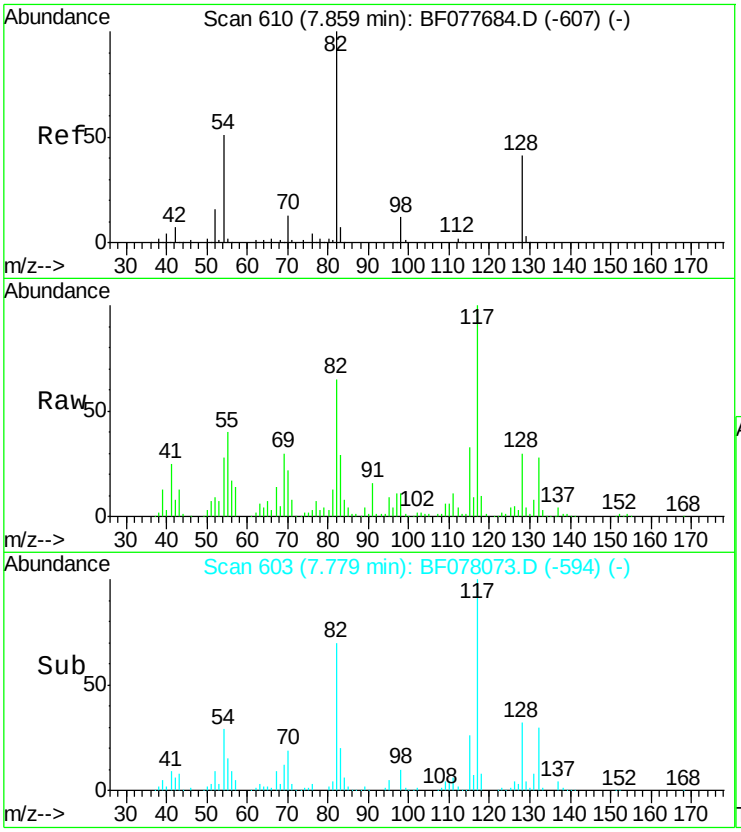


#22
Acetophenone
Concen: 230.34 ng
RT: 7.57 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF078073.D
Acq: 28 Mar 2015 10:45

Tgt Ion:105 Resp: 646313

Ion	Ratio	Lower	Upper
105	100		
71	2.2	0.6	1.0#
51	4.0	21.6	32.4#
120	0.2	16.1	24.1#



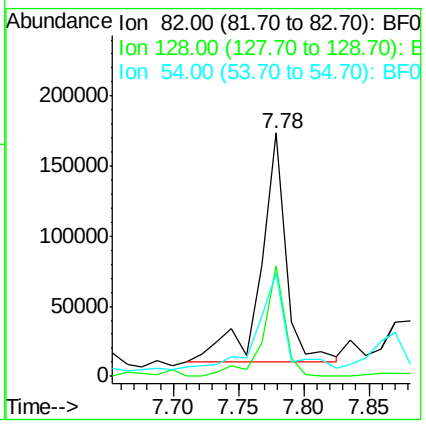


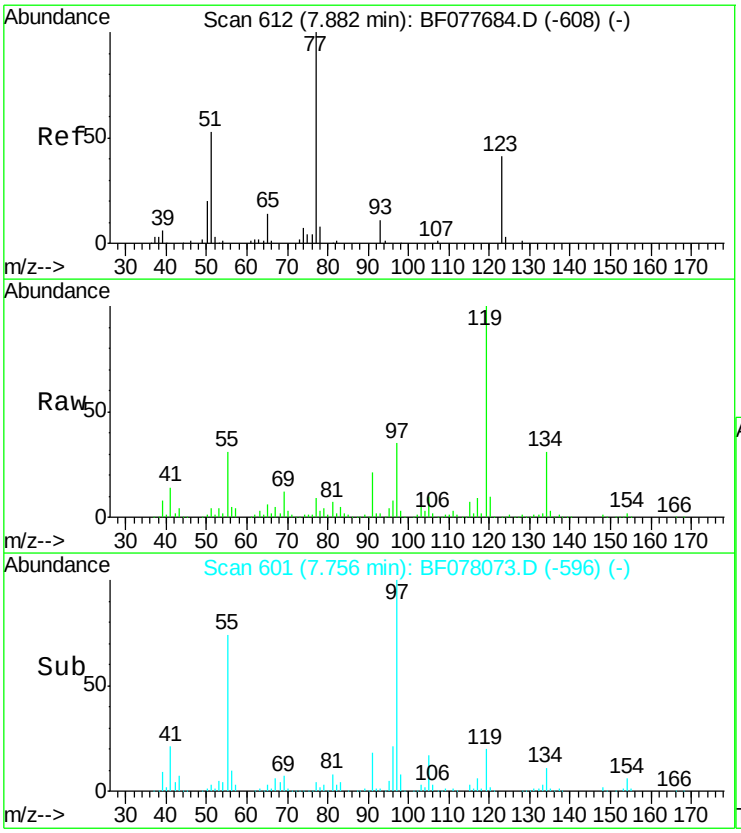
#23
Nitrobenzene-d5
Concen: 115.37 ng
RT: 7.78 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF078073.D
Acq: 28 Mar 2015 10:45

Instrument :
BNA_F
ClientSampleId :
DEL-3S-2(7.0-7.5)

Tgt Ion: 82 Resp: 223087

Ion	Ratio	Lower	Upper
82	100		
128	45.6	32.8	49.2
54	42.2	40.6	60.8





#24
Nitrobenzene
Concen: 45.78 ng
RT: 7.76 min Scan# 601
Delta R.T. -0.05 min
Lab File: BF078073.D
Acq: 28 Mar 2015 10:45

Tgt Ion: 77 Resp: 95365

Ion	Ratio	Lower	Upper
77	100		
123	4.2	32.6	49.0#
65	60.7	10.9	16.3#