Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033015\
Data File : BF078106.D
Acq On : 31 Mar 2015 6:03
Operator : TP/IZ
Sample : G1677-09DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Mar 31 05:53:34 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 28 05:37:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.06	152	34698	20.00	ng		-0.01
21) Naphthalene-d8	8.64	136	133001	20.00	ng		-0.01
38) Acenaphthene-d10	10.81	164	68623	20.00	ng		-0.01
63) Phenanthrene-d10	12.65	188	129108	20.00	ng		-0.01
75) Chrysene-d12	15.93	240	151417	20.00	ng		0.00
86) Perylene-d12	17.65	264	150933	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	44910	22.59	ng		-0.01
7) Phenol-d6	6.65	99	57373	23.36	ng		-0.02
23) Nitrobenzene-d5	7.76	82	50355	24.82	ng		-0.02
41) 2,4,6-Tribromophenol	11.79	330	11532	17.56	ng		-0.01
44) 2-Fluorobiphenyl	9.98	172	73416	15.72	ng		-0.01
78) Terphenyl-d14	14.64	244	85890	13.86	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.51	77	9624	9.57	ng	#	1
15) Benzyl Alcohol	7.25	79	4641	2.42	ng	#	52
18) Hexachloroethane	7.65	117	11362	12.67	ng	#	1
19) n-Nitroso-di-n-propylamine	7.57	70	10132	5.96	ng	#	61
22) Acetophenone	7.55	105	150386	51.08	ng	#	57
24) Nitrobenzene	7.73	77	21965	10.05	ng	#	25
25) Isophorone	8.05	82	24296	5.93	ng	#	1
26) 2-Nitrophenol	8.20	139	5060	4.73	ng	#	1
29) 2,4-Dichlorophenol	8.46	162	3918	2.11	ng	#	25
31) Naphthalene	8.66	128	188409	27.58	ng	#	94
32) Benzoic acid	8.38	122	3602	6.19	ng	#	1
35) Caprolactam	9.21	113	29655	54.60	ng	#	1
37) 2-Methylnaphthalene	9.53	142	406775	88.64	ng		99
42) 2,4,6-Trichlorophenol	9.89	196	3443	2.43	ng	#	12
45) 1,1'-Biphenyl	10.11	154	94515	17.23	ng		97
47) 2-Nitroaniline	10.30	65	5024	4.54	ng	#	23
50) 2,6-Dinitrotoluene	10.55	165	3123	2.96	ng	#	20
51) Acenaphthene	10.85	154	12440	2.93	ng	#	85
52) 3-Nitroaniline	10.79	138	2614	2.13	ng	#	47
54) Dibenzofuran	11.07	168	17657	2.80	ng	#	1
55) 4-Nitrophenol	11.00	139	2093	2.31	ng	#	1
56) 2,4-Dinitrotoluene	11.08	165	12193	8.86	ng	#	45
57) Fluorene	11.49	166	61171	11.69	ng	#	84
64) 4,6-Dinitro-2-methylphenol	11.52	198	651	5.27	ng	#	1
65) n-Nitrosodiphenylamine	11.64	169	55178	12.84	ng	#	41
68) Atrazine	12.29	200	2851	2.37	ng	#	44
70) Phenanthrene	12.68	178	134579	18.16	ng	#	96
71) Anthracene	12.68	178	127333	17.39	ng		96
76) Benzidine	14.35	184	1105	Below Cal		#	1
77) Pyrene	14.43	202	28627	3.01	ng	#	92

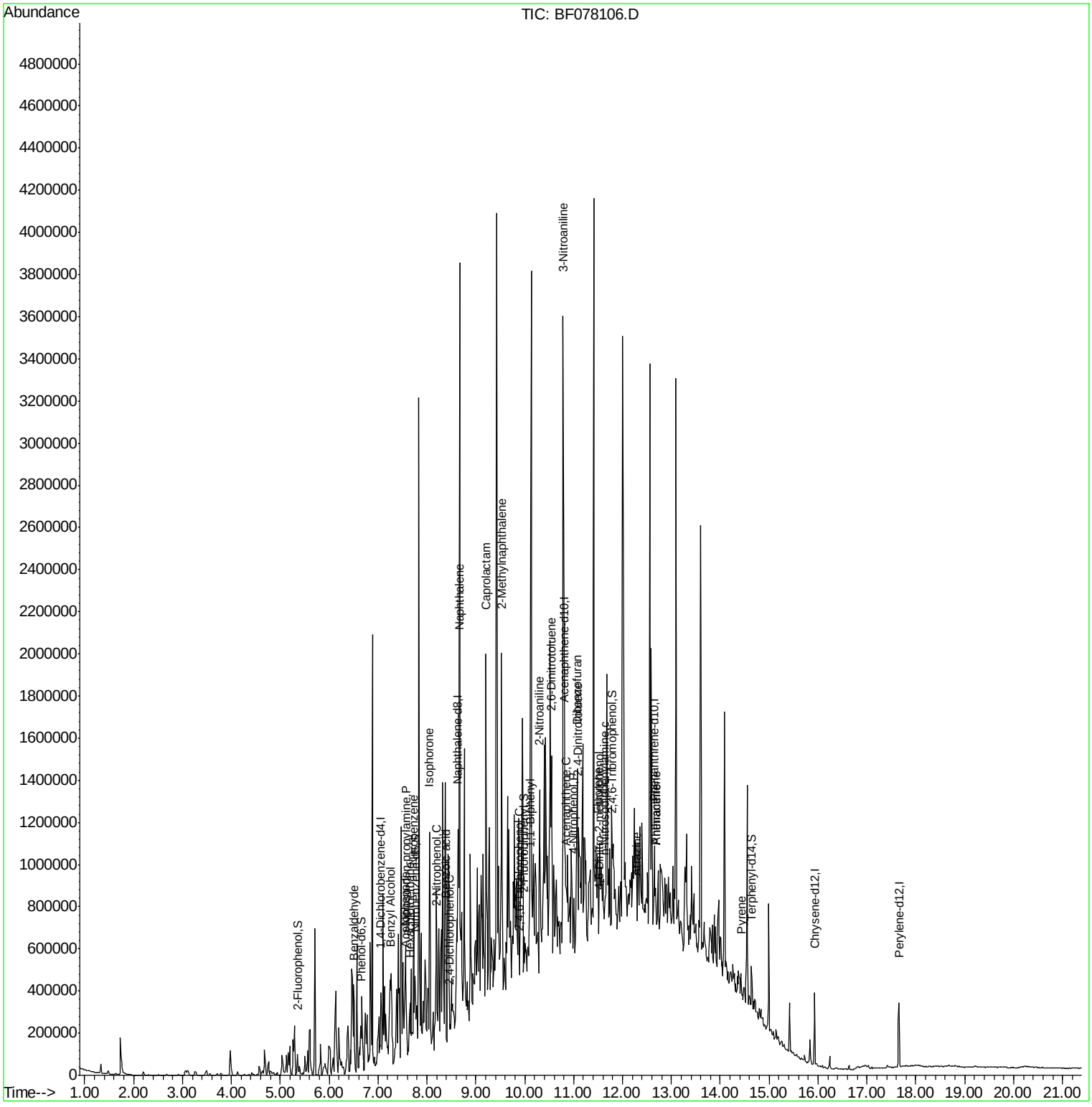
(#) = qualifier out of range (m) = manual integration (+) = signals summed

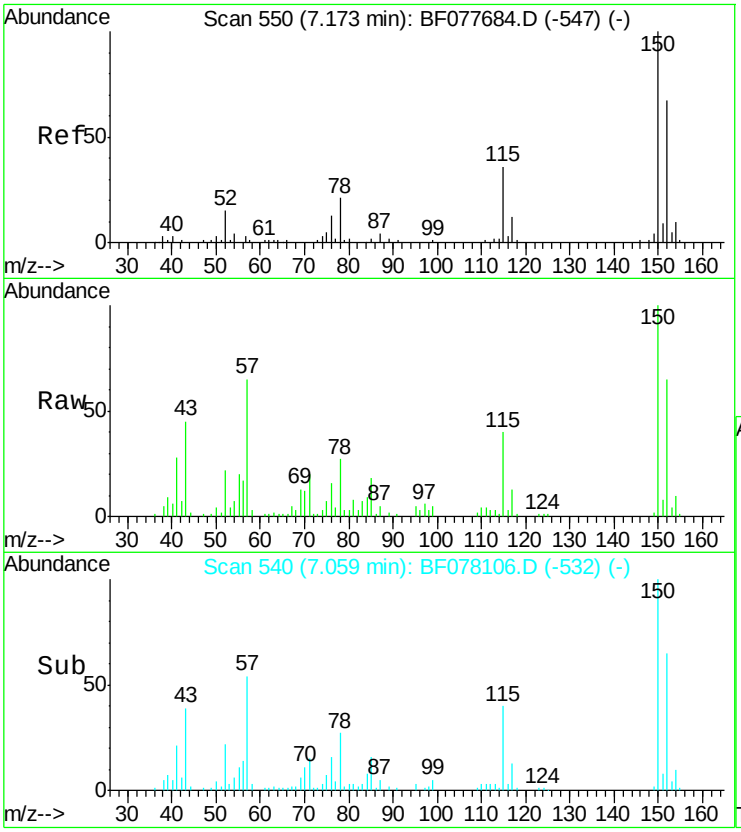
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033015\
Data File : BF078106.D
Acq On : 31 Mar 2015 6:03
Operator : TP/IZ
Sample : G1677-09DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Mar 31 05:53:34 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 28 05:37:34 2015
Response via : Initial Calibration



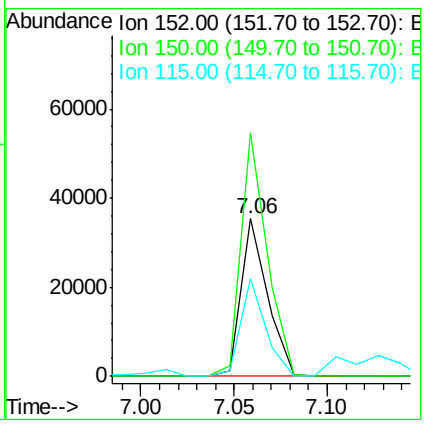


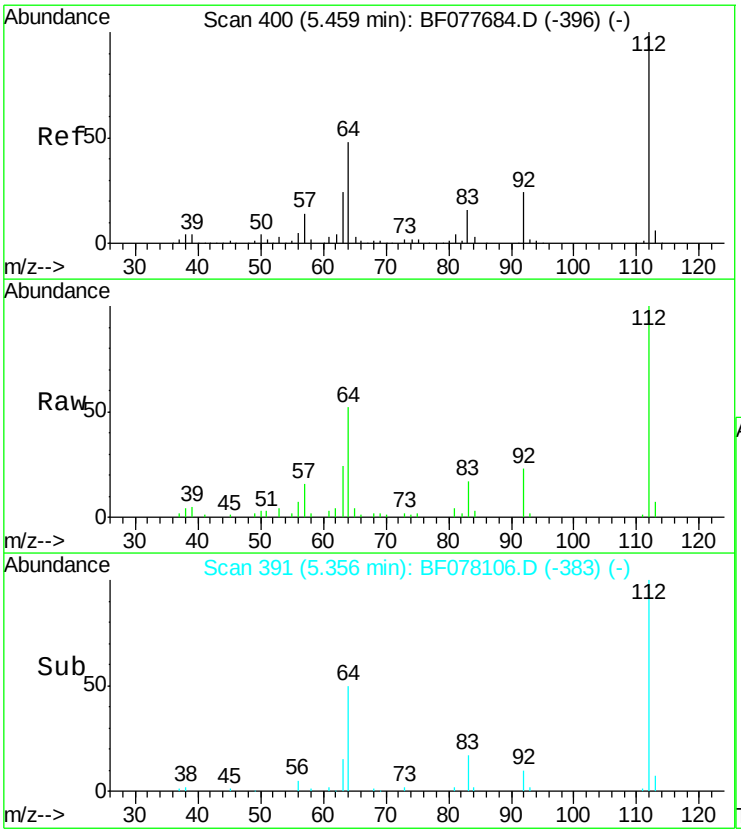
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.06 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF078106.D
Acq: 31 Mar 2015 6:03

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

Tgt Ion:152 Resp: 34698

Ion	Ratio	Lower	Upper
152	100		
150	154.8	119.5	179.3
115	62.2	43.0	64.4

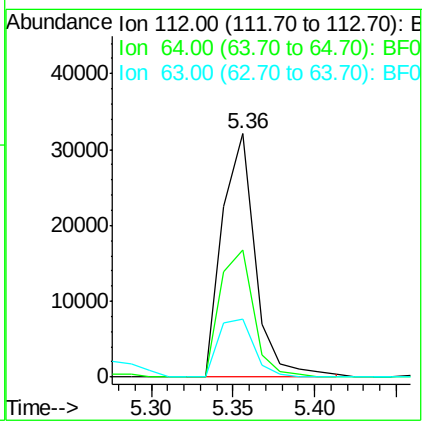


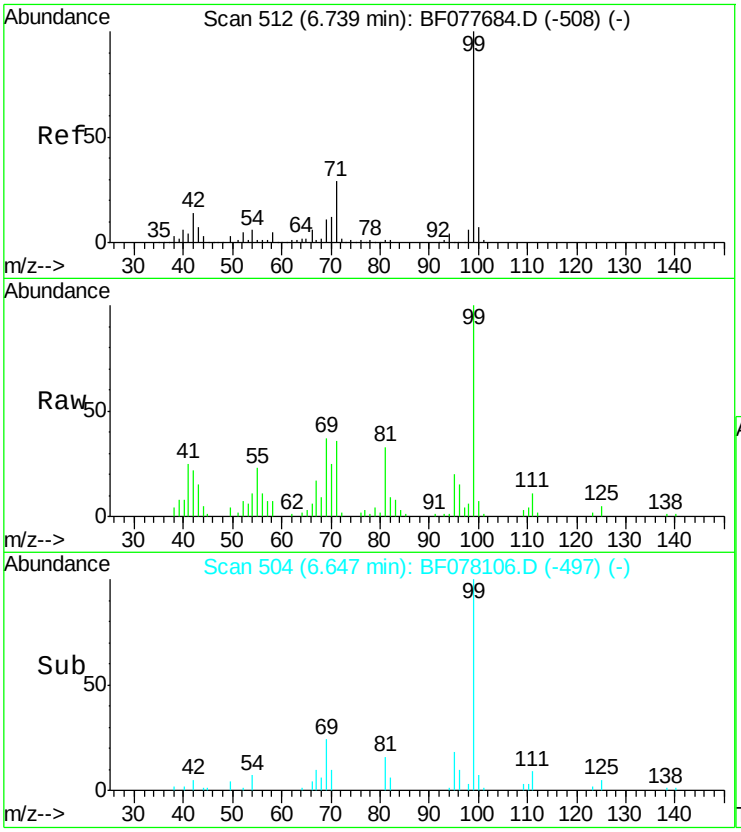


#5
2-Fluorophenol
Concen: 22.59 ng
RT: 5.36 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF078106.D
Acq: 31 Mar 2015 6:03

Tgt Ion:112 Resp: 44910

Ion	Ratio	Lower	Upper
112	100		
64	52.1	38.6	57.8
63	24.0	19.3	28.9



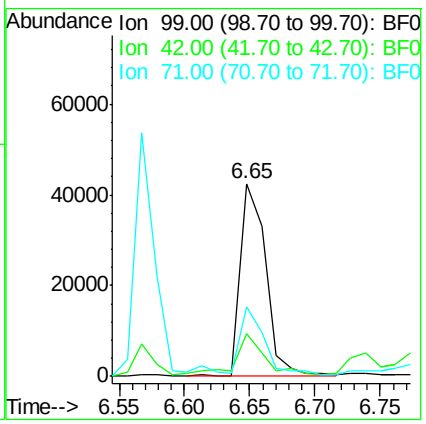


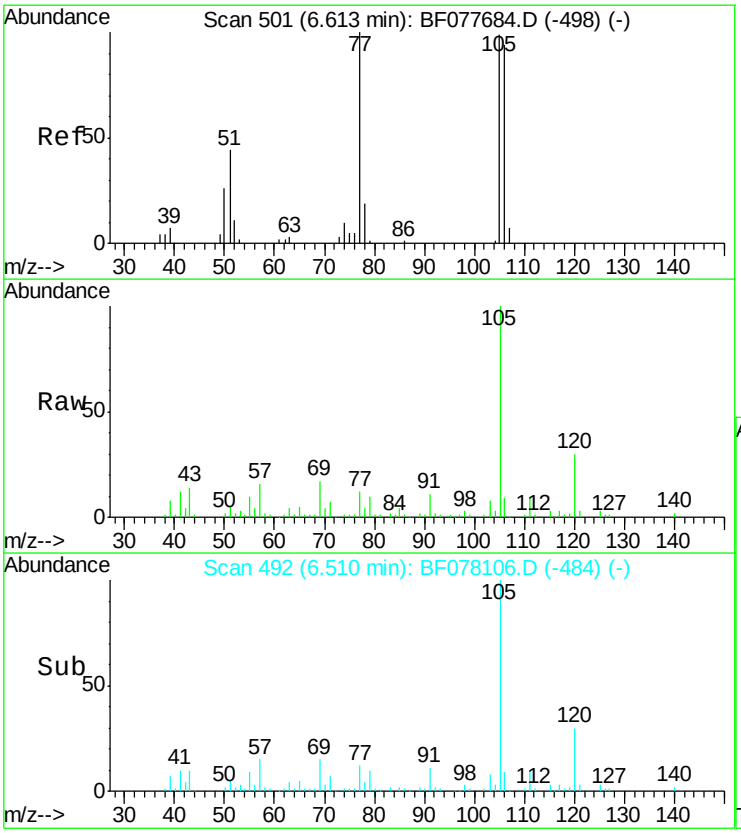
#7
Phenol-d6
Concen: 23.36 ng
RT: 6.65 min Scan# 504
Delta R.T. -0.02 min
Lab File: BF078106.D
Acq: 31 Mar 2015 6:03

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

Tgt Ion: 99 Resp: 57373

Ion	Ratio	Lower	Upper
99	100		
42	22.1	11.0	16.4#
71	35.8	23.4	35.2#

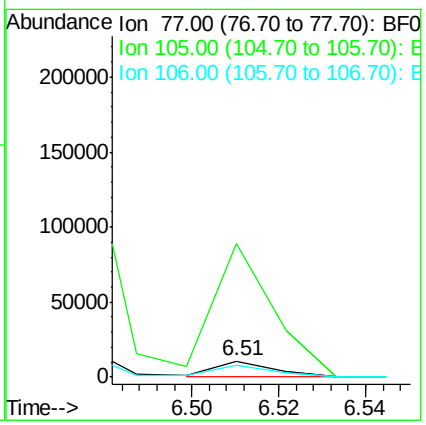


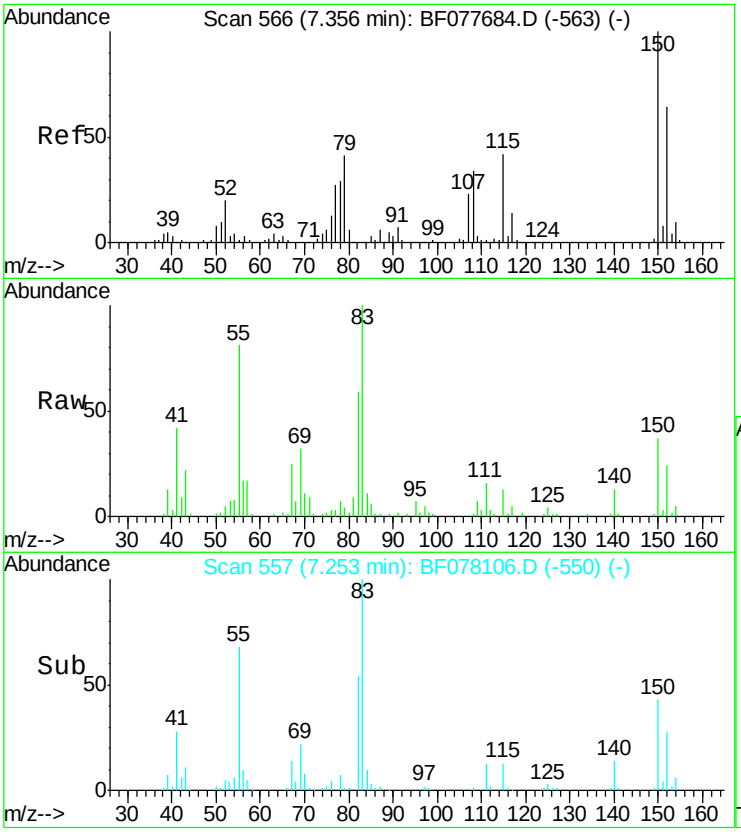


#9
Benzaldehyde
Concen: 9.57 ng
RT: 6.51 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF078106.D
Acq: 31 Mar 2015 6:03

Tgt Ion: 77 Resp: 9624

Ion	Ratio	Lower	Upper
77	100		
105	840.1	78.8	118.8#
106	76.2	73.7	113.7



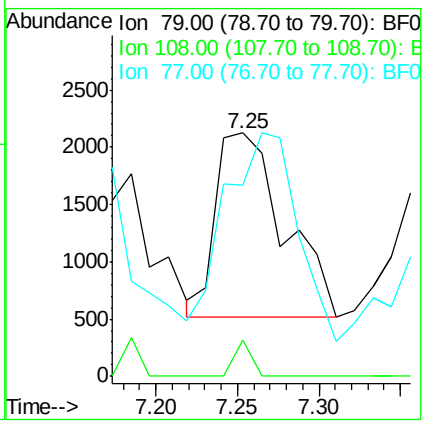


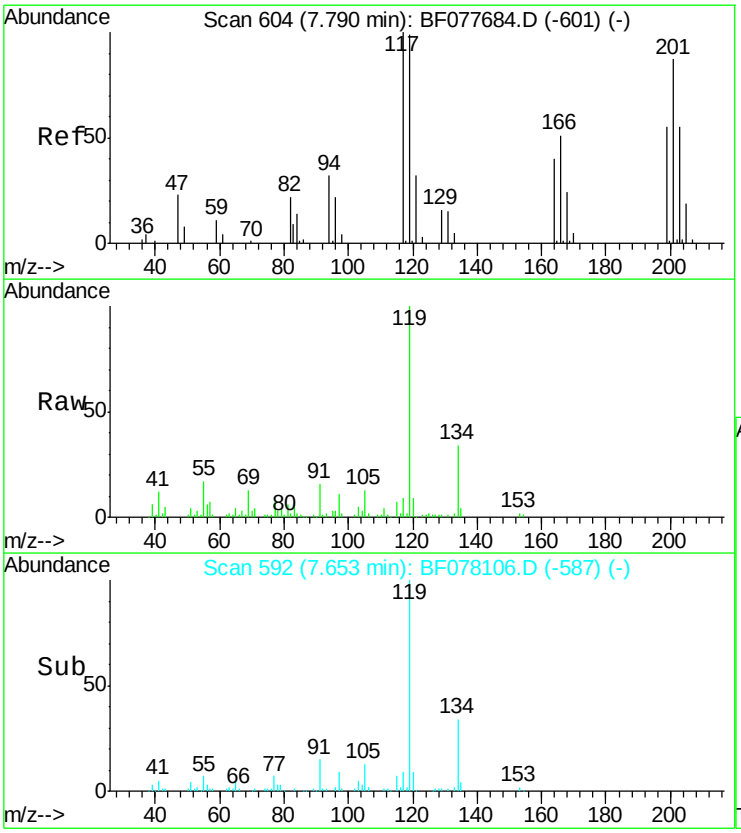
#15
Benzyl Alcohol
Concen: 2.42 ng
RT: 7.25 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF078106.D
Acq: 31 Mar 2015 6:03

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

Tgt Ion: 79 Resp: 4641

Ion	Ratio	Lower	Upper
79	100		
108	14.7	65.0	97.4#
77	78.4	53.0	79.6

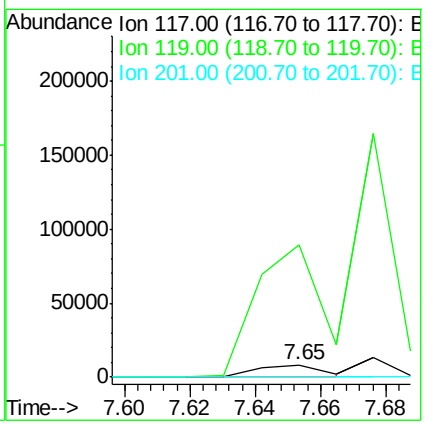


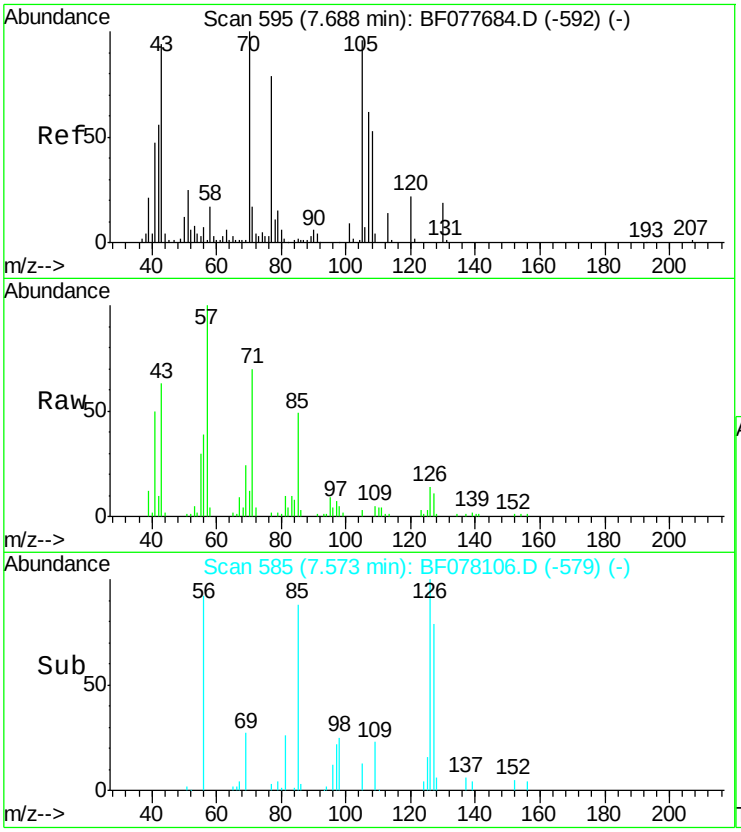


#18
Hexachloroethane
Concen: 12.67 ng
RT: 7.65 min Scan# 592
Delta R.T. -0.05 min
Lab File: BF078106.D
Acq: 31 Mar 2015 6:03

Tgt Ion:117 Resp: 11362

Ion	Ratio	Lower	Upper
117	100		
119	1079.0	79.2	118.8#
201	0.0	69.8	104.6#



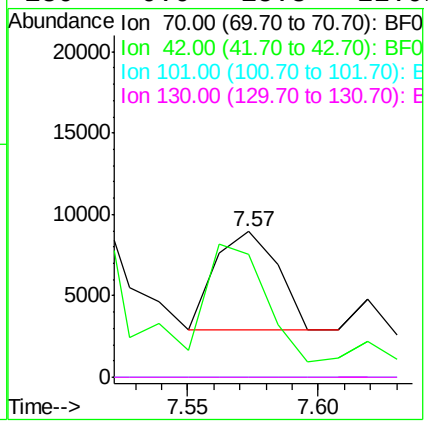


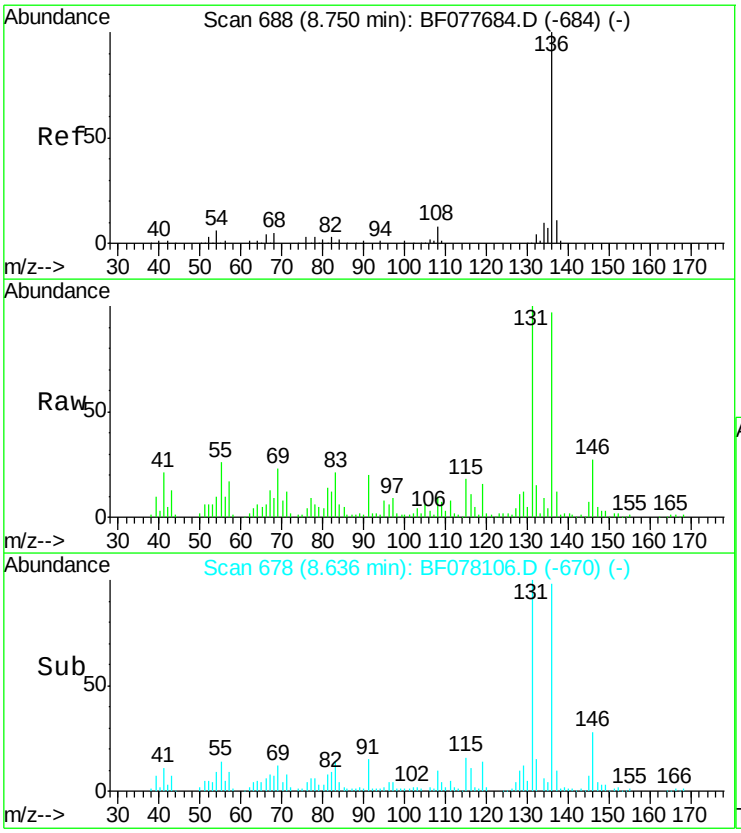
#19
n-Nitroso-di-n-propylamine
Concen: 5.96 ng
RT: 7.57 min Scan# 585
Delta R.T. -0.03 min
Lab File: BF078106.D
Acq: 31 Mar 2015 6:03

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

Tgt Ion: 70 Resp: 10132

Ion	Ratio	Lower	Upper
70	100		
42	84.2	44.5	66.7#
101	0.0	7.4	11.2#
130	0.0	15.3	22.9#

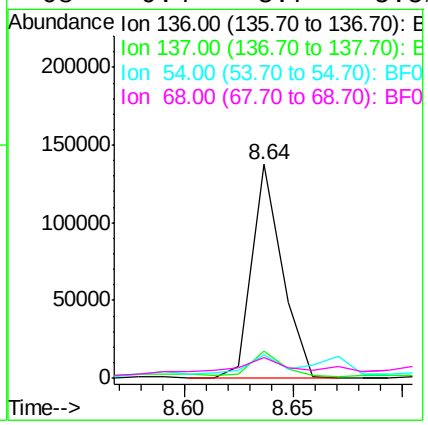


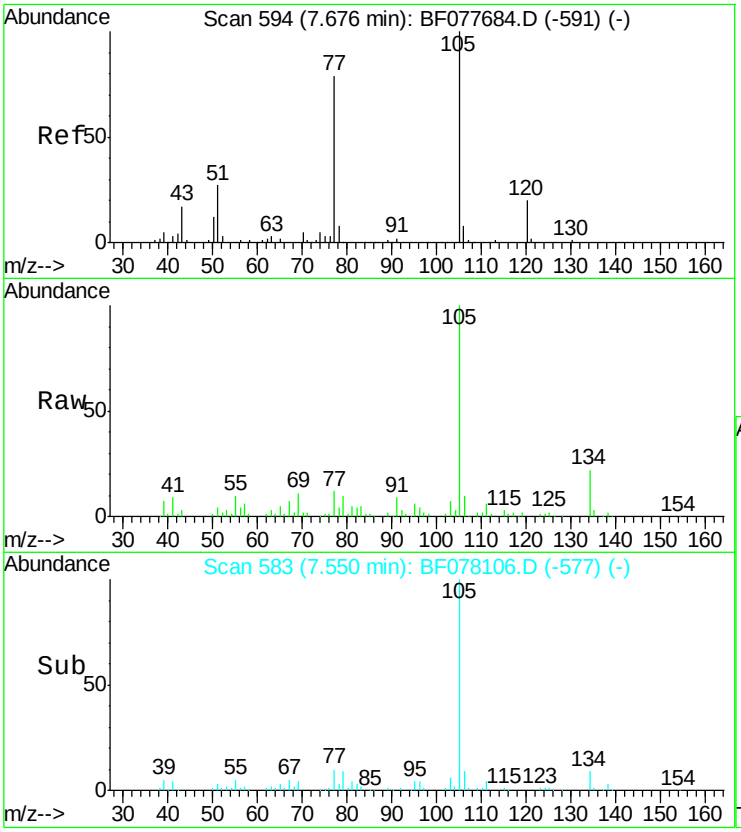


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.64 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF078106.D
Acq: 31 Mar 2015 6:03

Tgt Ion:136 Resp: 133001

Ion	Ratio	Lower	Upper
136	100		
137	12.3	8.7	13.1
54	10.6	4.6	6.8#
68	9.4	3.7	5.5#



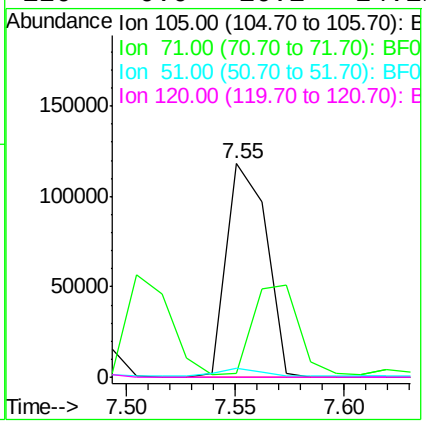


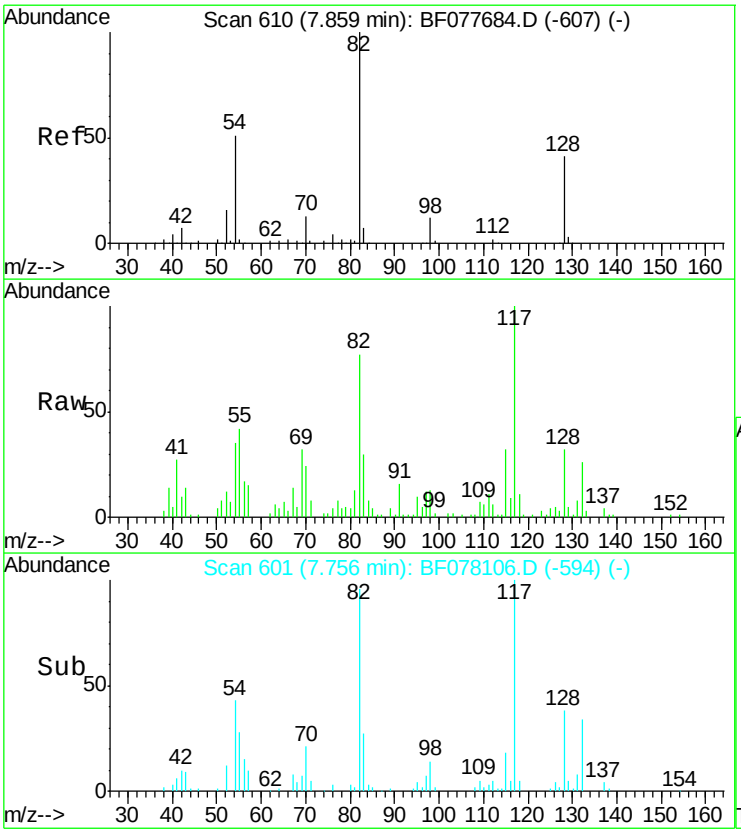
#22
Acetophenone
Concen: 51.08 ng
RT: 7.55 min Scan# 583
Delta R.T. -0.03 min
Lab File: BF078106.D
Acq: 31 Mar 2015 6:03

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

Tgt Ion:105 Resp: 150386

Ion	Ratio	Lower	Upper
105	100		
71	1.5	0.6	1.0#
51	4.4	21.6	32.4#
120	0.0	16.1	24.1#

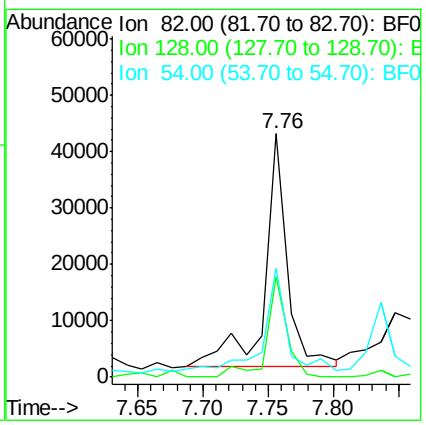


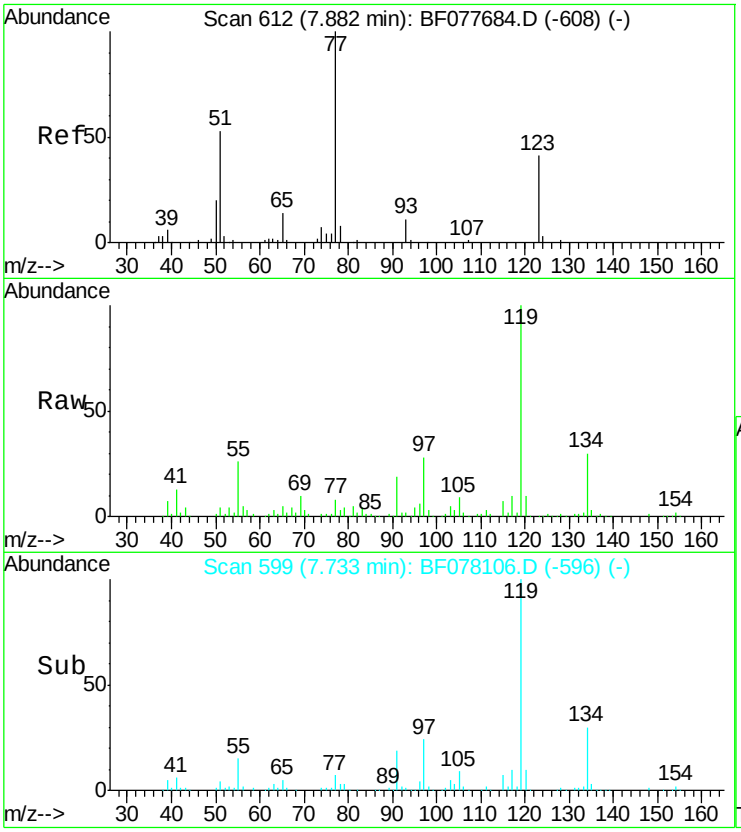


#23
Nitrobenzene-d5
Concen: 24.82 ng
RT: 7.76 min Scan# 601
Delta R.T. -0.02 min
Lab File: BF078106.D
Acq: 31 Mar 2015 6:03

Tgt Ion: 82 Resp: 50355

Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.8	49.2
54	45.0	40.6	60.8



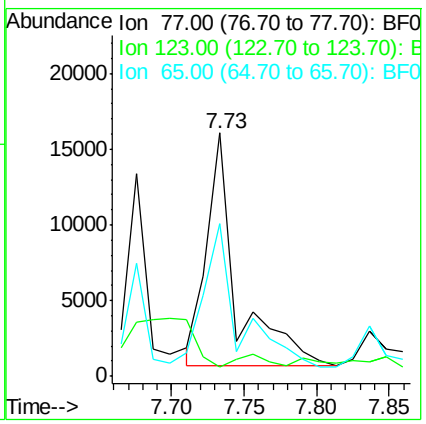


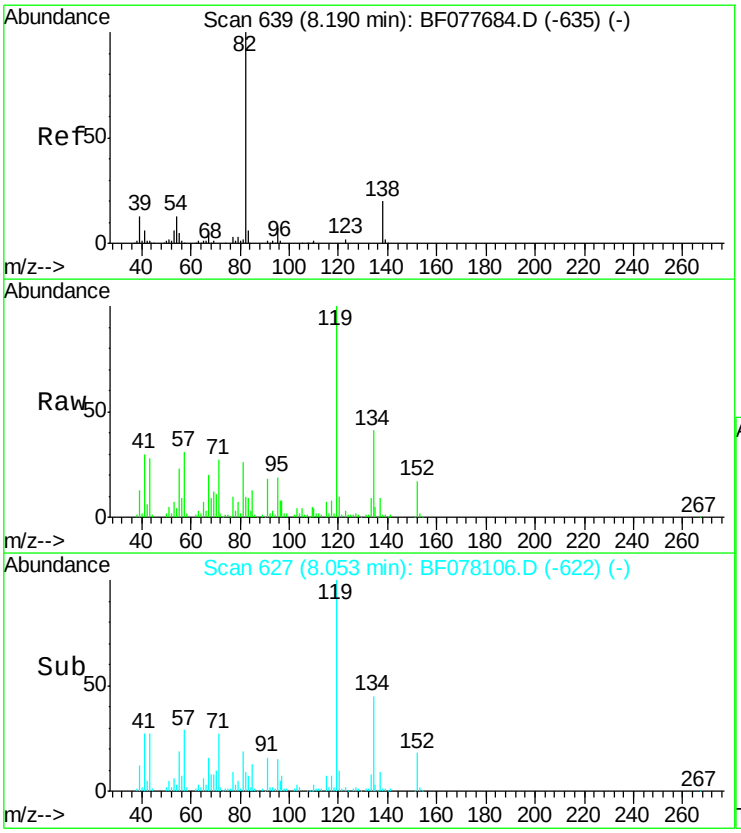
#24
Nitrobenzene
Concen: 10.05 ng
RT: 7.73 min Scan# 599
Delta R.T. -0.07 min
Lab File: BF078106.D
Acq: 31 Mar 2015 6:03

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

Tgt Ion: 77 Resp: 21965

Ion	Ratio	Lower	Upper
77	100		
123	3.9	32.6	49.0#
65	62.7	10.9	16.3#

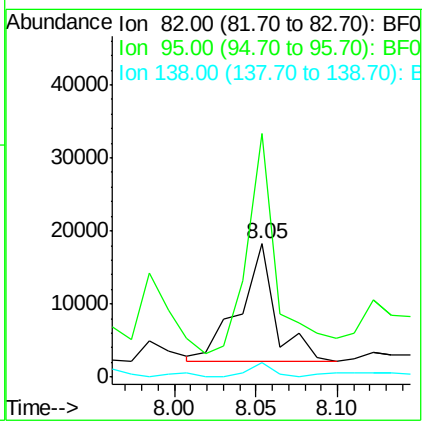


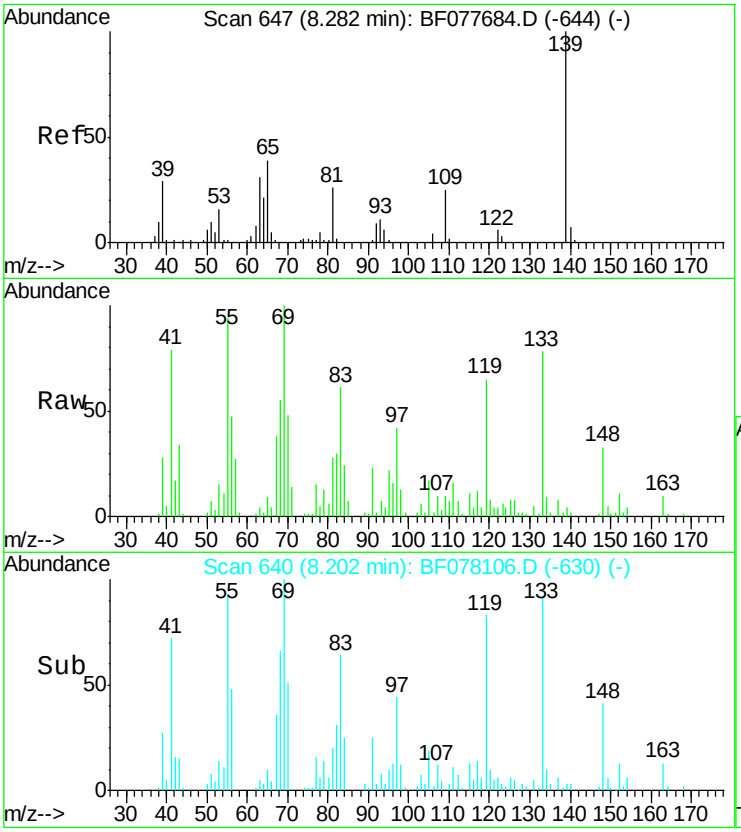


#25
Isophorone
Concen: 5.93 ng
RT: 8.05 min Scan# 627
Delta R.T. -0.05 min
Lab File: BF078106.D
Acq: 31 Mar 2015 6:03

Tgt Ion: 82 Resp: 24296

Ion	Ratio	Lower	Upper
82	100		
95	182.9	5.8	8.6#
138	10.5	16.3	24.5#



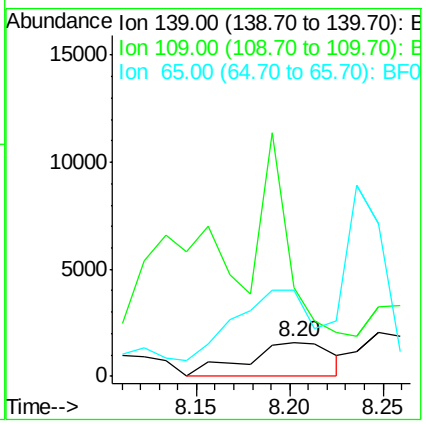


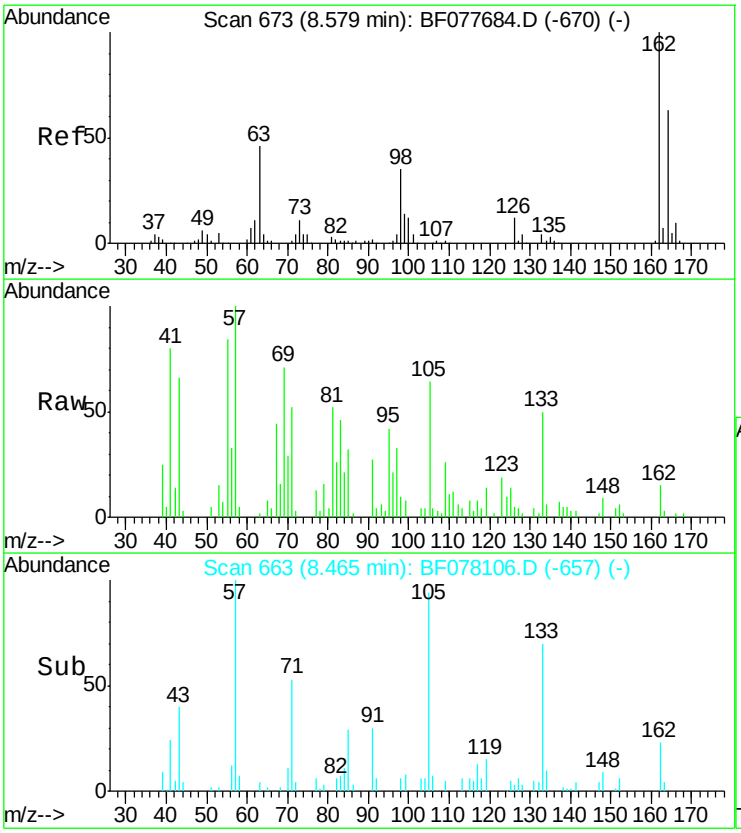
#26
2-Nitrophenol
Concen: 4.73 ng
RT: 8.20 min Scan# 640
Delta R.T. 0.01 min
Lab File: BF078106.D
Acq: 31 Mar 2015 6:03

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

Tgt Ion:139 Resp: 5060

Ion	Ratio	Lower	Upper
139	100		
109	262.2	20.1	30.1#
65	256.0	31.5	47.3#





#29
2,4-Dichlorophenol
Concen: 2.11 ng
RT: 8.46 min Scan# 663
Delta R.T. -0.03 min
Lab File: BF078106.D
Acq: 31 Mar 2015 6:03

Tgt Ion:162 Resp: 3918

Ion	Ratio	Lower	Upper
162	100		
164	0.0	42.8	82.8#
98	70.9	14.5	54.5#