Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
Data File : BF079519.D
Acq On : 27 May 2015 15:23
Operator : TP/IZ
Sample : PB83614BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB83614BS

Quant Time: May 28 00:55:26 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 00:48:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	57226	20.00	ng		0.00
21) Naphthalene-d8	8.58	136	243162	20.00	ng		0.00
38) Acenaphthene-d10	10.74	164	122174	20.00	ng		0.00
63) Phenanthrene-d10	12.58	188	241930	20.00	ng		0.00
75) Chrysene-d12	15.90	240	240873	20.00	ng		-0.05
86) Perylene-d12	17.76	264	246042	20.00	ng		-0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	425558	128.98	ng		0.00
7) Phenol-d6	6.59	99	572317	136.09	ng		0.00
23) Nitrobenzene-d5	7.70	82	349379	83.06	ng		0.00
41) 2,4,6-Tribromophenol	11.73	330	188616	140.56	ng		-0.01
44) 2-Fluorobiphenyl	9.93	172	753221	87.96	ng		0.00
78) Terphenyl-d14	14.58	244	902516	87.93	ng		-0.01
Target Compounds							Qvalue
6) Aniline	6.59	93	177734	29.78	ng		91
8) 2-Chlorophenol	6.74	128	171294	44.60	ng		93
9) Benzaldehyde	6.44	77	17834	5.44	ng		90
10) Phenol	6.62	94	216038	43.63	ng		95
11) bis(2-Chloroethyl)ether	6.70	93	159697	44.59	ng		91
12) 1,3-Dichlorobenzene	6.92	146	183829	43.20	ng	#	93
13) 1,4-Dichlorobenzene	7.02	146	183325	42.23	ng		95
14) 1,2-Dichlorobenzene	7.20	146	173759	43.10	ng		96
15) Benzyl Alcohol	7.20	79	140586	45.49	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.37	45	243246	46.40	ng		98
17) 2-Methylphenol	7.36	107	139090	46.09	ng		98
18) Hexachloroethane	7.62	117	63903	42.77	ng	#	78
19) n-Nitroso-di-n-propylamine	7.53	70	132790	44.88	ng	#	92
20) 3+4-Methylphenols	7.55	107	184111	44.40	ng		94
22) Acetophenone	7.52	105	248115	45.54	ng	#	93
24) Nitrobenzene	7.72	77	179722	43.35	ng	#	87
25) Isophorone	8.02	82	333831	43.54	ng	#	91
26) 2-Nitrophenol	8.11	139	85565	43.59	ng	#	75
27) 2,4-Dimethylphenol	8.19	122	159562	45.22	ng		96
28) bis(2-Chloroethoxy)methane	8.31	93	211439	44.49	ng		98
29) 2,4-Dichlorophenol	8.42	162	154418	47.78	ng		93
30) 1,2,4-Trichlorobenzene	8.51	180	147565	44.01	ng		97
31) Naphthalene	8.60	128	511843	43.86	ng		99
32) Benzoic acid	8.34	122	94760	43.28	ng		96
33) 4-Chloroaniline	8.70	127	148534	30.47	ng	#	94
34) Hexachlorobutadiene	8.76	225	82741	43.39	ng		97
35) Caprolactam	9.12	113	47561	46.66	ng		88
36) 4-Chloro-3-methylphenol	9.31	107	164250	49.00	ng	#	87
37) 2-Methylnaphthalene	9.46	142	356317	43.98	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.67	216	143176	41.90	ng	#	100
40) Hexachlorocyclopentadiene	9.66	237	90756	82.92	ng		96
42) 2,4,6-Trichlorophenol	9.83	196	106047	44.44	ng		96
43) 2,4,5-Trichlorophenol	9.87	196	105871	44.57	ng	#	84
45) 1,1'-Biphenyl	10.04	154	422809	44.31	ng		97

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
Data File : BF079519.D
Acq On : 27 May 2015 15:23
Operator : TP/IZ
Sample : PB83614BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB83614BS

Quant Time: May 28 00:55:26 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 00:48:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	10.07	162	330941	43.91	ng		95
47) 2-Nitroaniline	10.20	65	101342	45.23	ng	#	76
48) Acenaphthylene	10.57	152	549396	43.92	ng		99
49) Dimethylphthalate	10.45	163	422682	46.95	ng		99
50) 2,6-Dinitrotoluene	10.51	165	84409	46.93	ng	#	55
51) Acenaphthene	10.79	154	319926	44.72	ng		99
52) 3-Nitroaniline	10.72	138	81224	34.72	ng		83
53) 2,4-Dinitrophenol	10.87	184	66790	84.36	ng	#	84
54) Dibenzofuran	11.01	168	487853	46.24	ng		97
55) 4-Nitrophenol	10.96	139	122421	94.37	ng		87
56) 2,4-Dinitrotoluene	11.02	165	118190	49.00	ng		90
57) Fluorene	11.43	166	408097	46.93	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.17	232	84543	48.91	ng	#	100
59) Diethylphthalate	11.31	149	405652	46.03	ng		94
60) 4-Chlorophenyl-phenylether	11.44	204	179974	47.90	ng		93
61) 4-Nitroaniline	11.47	138	93793	43.04	ng		89
62) Azobenzene	11.63	77	401711	46.87	ng		97
64) 4,6-Dinitro-2-methylphenol	11.52	198	53583	44.42	ng		94
65) n-Nitrosodiphenylamine	11.59	169	340153	42.33	ng		97
66) 4-Bromophenyl-phenylether	12.05	248	116663	46.83	ng		94
67) Hexachlorobenzene	12.10	284	126076	44.39	ng		95
68) Atrazine	12.27	200	115760	53.33	ng		96
69) Pentachlorophenol	12.37	266	104053	95.63	ng		98
70) Phenanthrene	12.62	178	572176	43.11	ng		100
71) Anthracene	12.67	178	587426	43.59	ng		99
72) Carbazole	12.89	167	583215	44.96	ng		98
73) Di-n-butylphthalate	13.35	149	739068	51.23	ng		99
74) Fluoranthene	14.09	202	642071	45.11	ng		98
76) Benzidine	14.27	184	317270	61.50	ng		99
77) Pyrene	14.37	202	670685	44.94	ng		100
79) Butylbenzylphthalate	15.21	149	331618	49.41	ng		92
80) Benzo(a)anthracene	15.89	228	605747	43.72	ng		99
81) 3,3'-Dichlorobenzidine	15.86	252	162525	32.03	ng	#	97
82) Chrysene	15.93	228	569467	43.24	ng		99
83) Bis(2-ethylhexyl)phthalate	15.97	149	494283	51.41	ng	#	97
84) Di-n-octyl phthalate	16.81	149	852732	50.96	ng		100
85) Indeno(1,2,3-cd)pyrene	19.14	276	739707	43.66	ng		99
87) Benzo(b)fluoranthene	17.31	252	580178	41.35	ng		99
88) Benzo(k)fluoranthene	17.31	252	585527	46.66	ng		99
89) Benzo(a)pyrene	17.69	252	607114	49.53	ng		99
90) Dibenzo(a,h)anthracene	19.17	278	609292	47.41	ng	#	96
91) Benzo(g,h,i)perylene	19.53	276	607259	47.14	ng		98

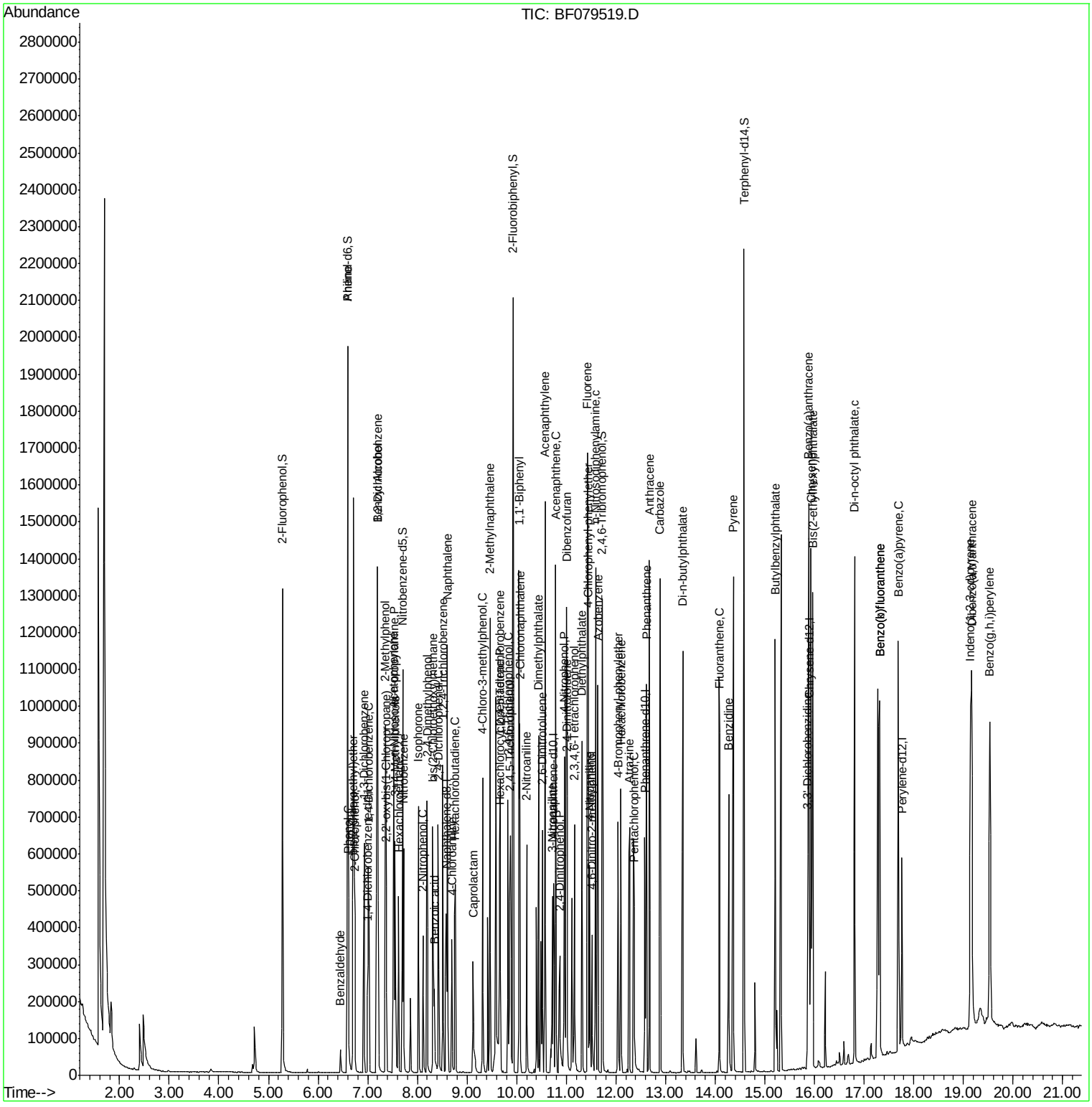
(#) = qualifier out of range (m) = manual integration (+) = signals summed

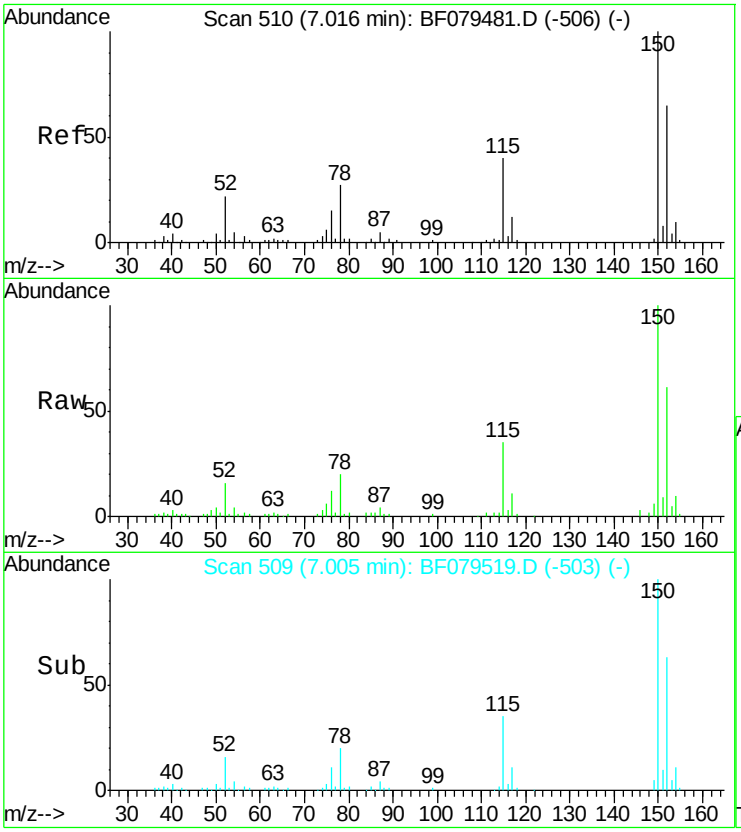
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
Data File : BF079519.D
Acq On : 27 May 2015 15:23
Operator : TP/IZ
Sample : PB83614BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Quant Time: May 28 00:55:26 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 00:48:25 2015
Response via : Initial Calibration



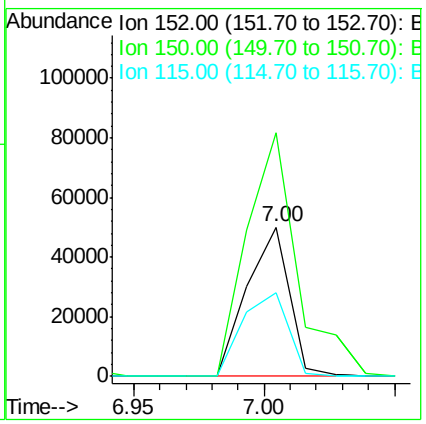


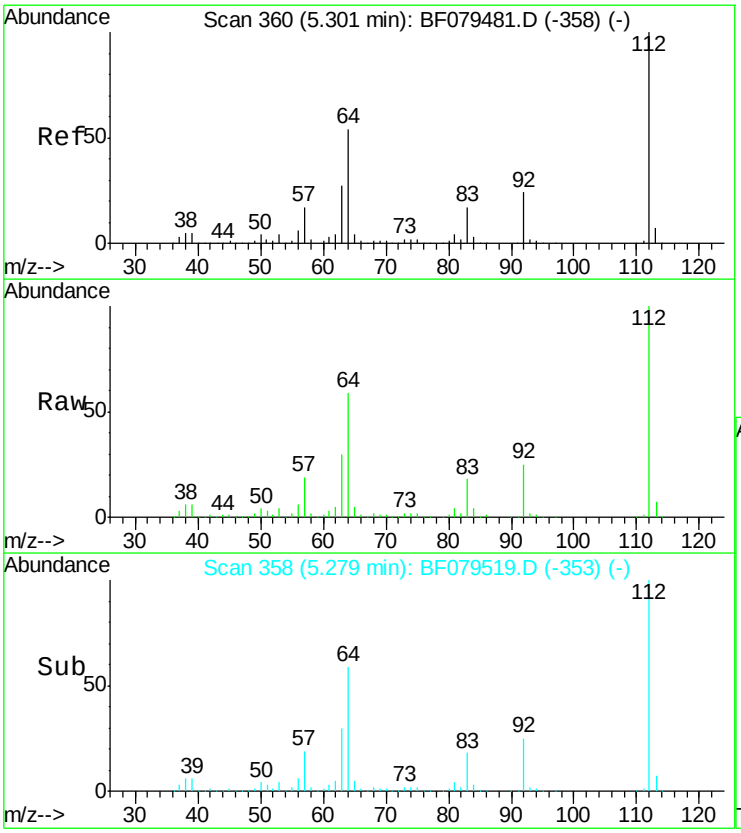
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion:152 Resp: 57226

Ion	Ratio	Lower	Upper
152	100		
150	163.2	124.0	186.0
115	56.4	49.6	74.4

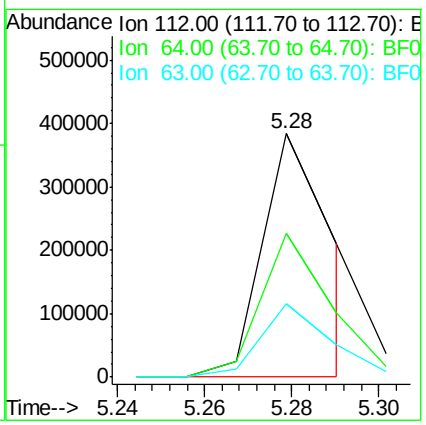


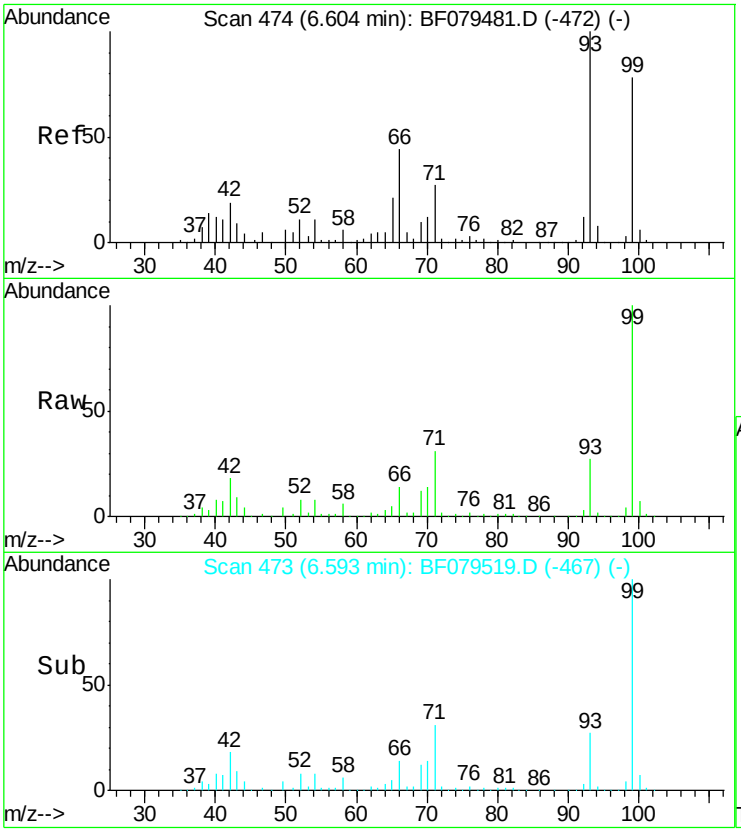


#5
2-Fluorophenol
Concen: 128.98 ng
RT: 5.28 min Scan# 358
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion:112 Resp: 425558

Ion	Ratio	Lower	Upper
112	100		
64	59.3	43.5	65.3
63	30.1	21.8	32.8



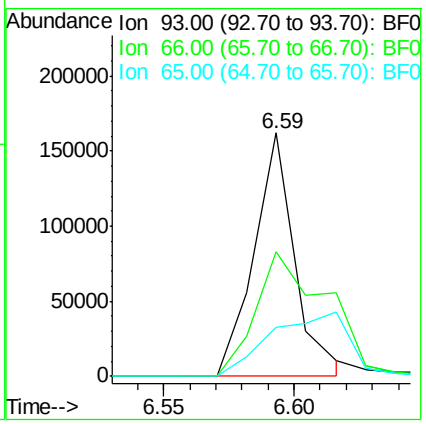


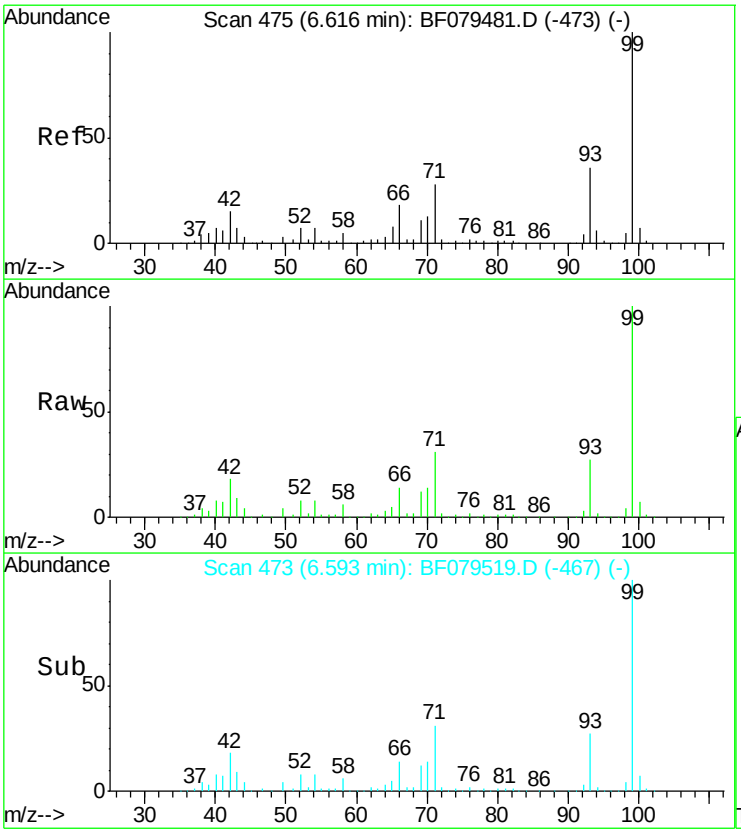
#6
Aniline
Concen: 29.78 ng
RT: 6.59 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion: 93 Resp: 177734

Ion	Ratio	Lower	Upper
93	100		
66	51.2	34.8	52.2
65	20.0	16.7	25.1

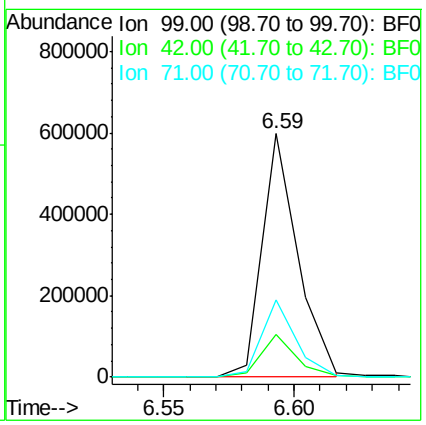


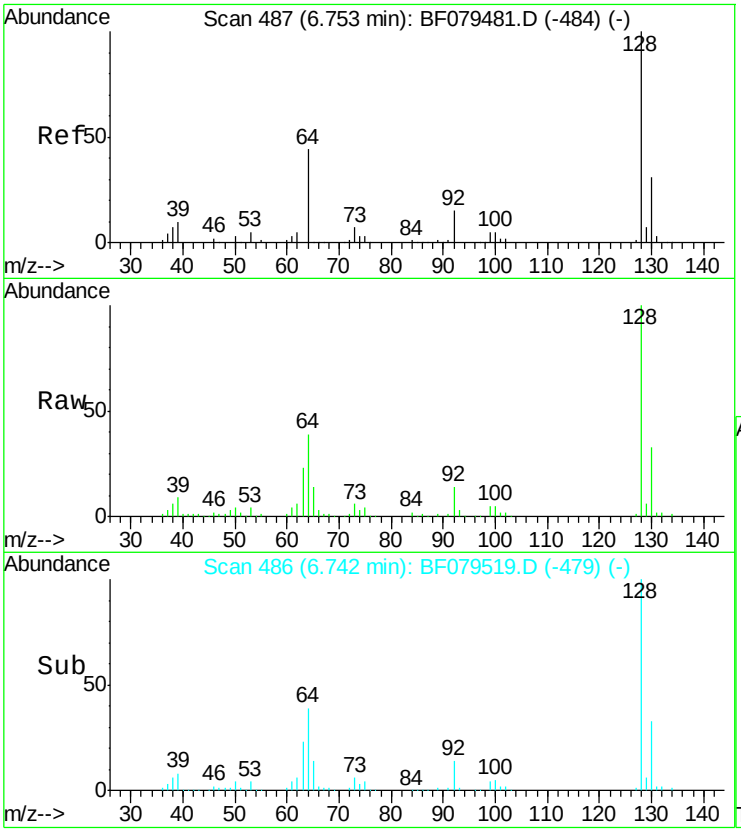


#7
Phenol-d6
Concen: 136.09 ng
RT: 6.59 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion: 99 Resp: 572317

Ion	Ratio	Lower	Upper
99	100		
42	17.7	11.9	17.9
71	31.5	22.1	33.1



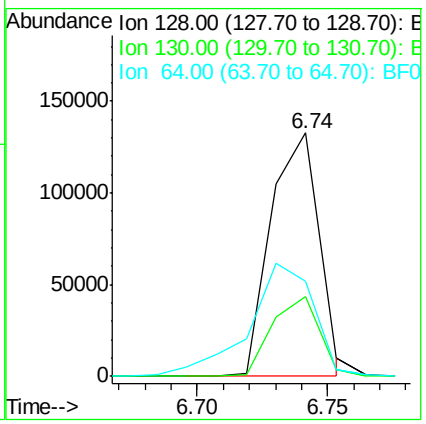


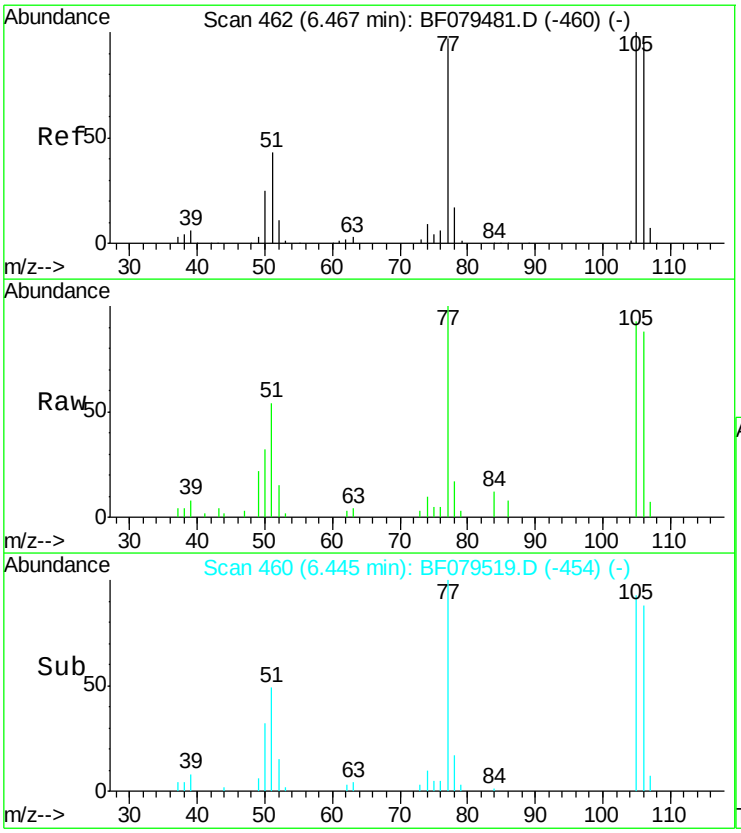
#8
2-Chlorophenol
Concen: 44.60 ng
RT: 6.74 min Scan# 486
Delta R.T. 0.01 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion:128 Resp: 171294

Ion	Ratio	Lower	Upper
128	100		
130	32.7	11.4	51.4
64	39.2	25.9	65.9

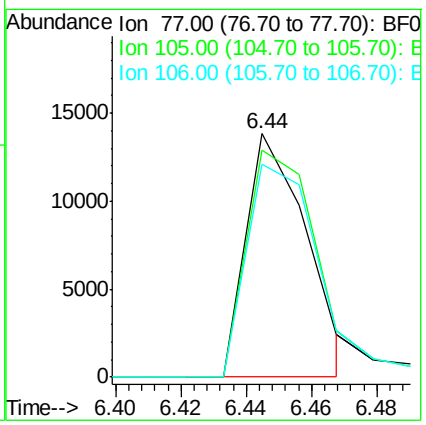


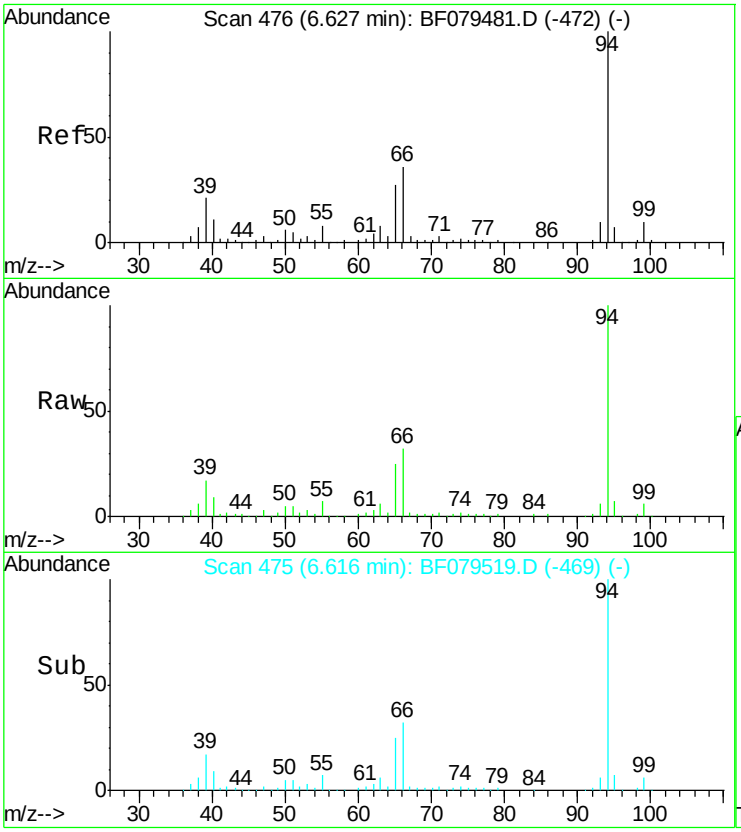


#9
Benzaldehyde
Concen: 5.44 ng
RT: 6.44 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion: 77 Resp: 17834

Ion	Ratio	Lower	Upper
77	100		
105	93.3	83.3	123.3
106	87.5	78.4	118.4



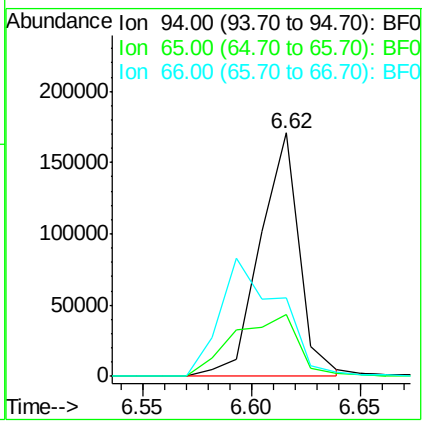


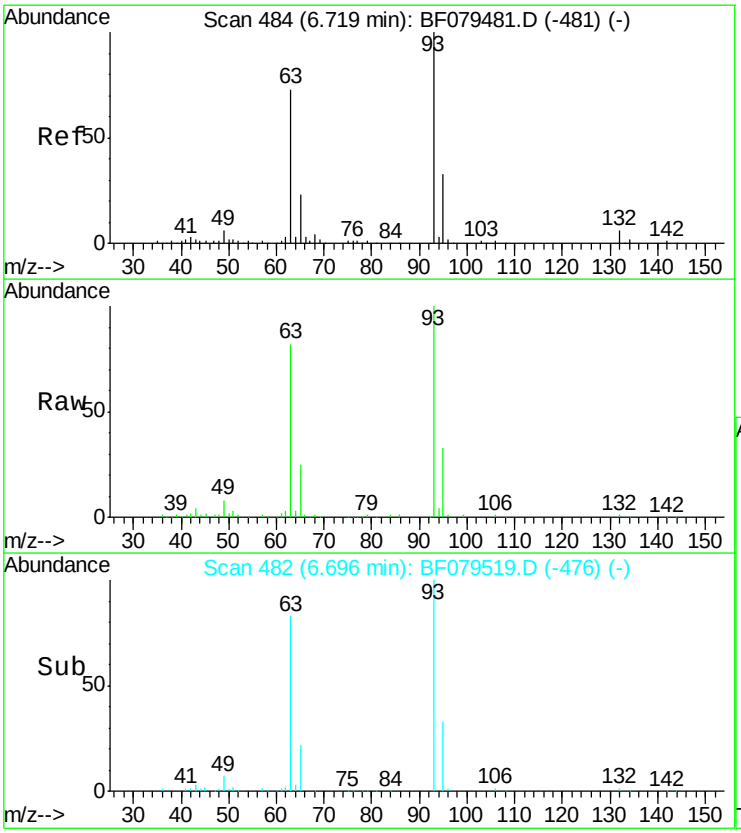
#10
Phenol
Concen: 43.63 ng
RT: 6.62 min Scan# 475
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion: 94 Resp: 216038

Ion	Ratio	Lower	Upper
94	100		
65	25.3	7.2	47.2
66	32.5	16.2	56.2

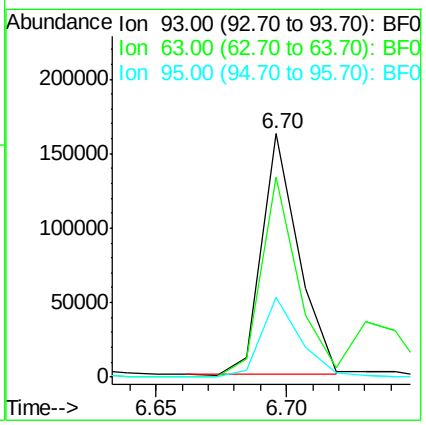


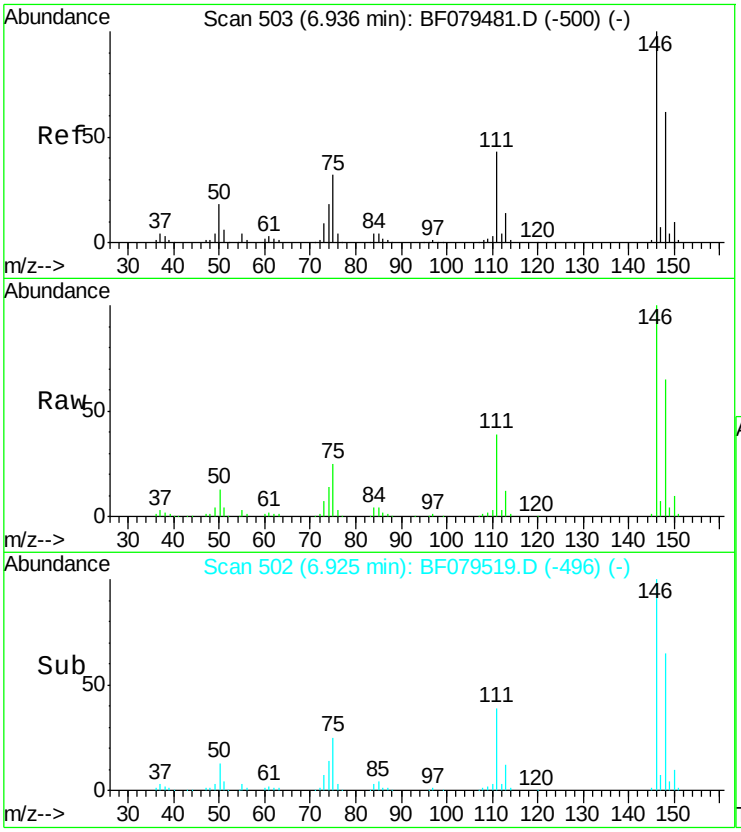


#11
bis(2-Chloroethyl)ether
Concen: 44.59 ng
RT: 6.70 min Scan# 482
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion: 93 Resp: 159697

Ion	Ratio	Lower	Upper
93	100		
63	82.1	51.8	91.8
95	32.7	13.0	53.0



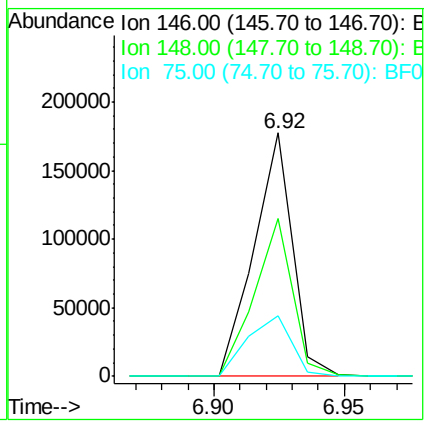


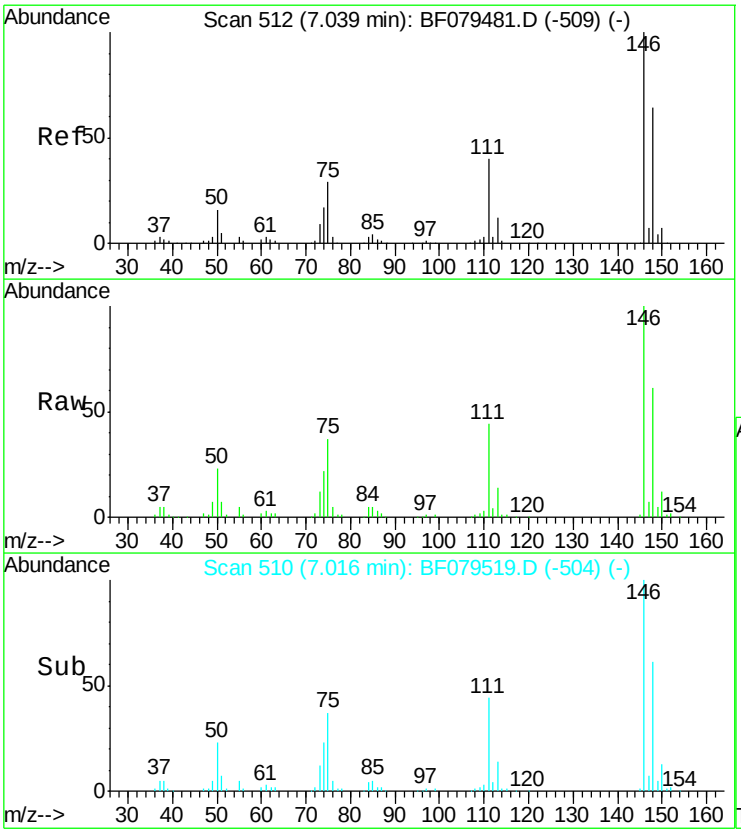
#12
1,3-Dichlorobenzene
Concen: 43.20 ng
RT: 6.92 min Scan# 502
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion:146 Resp: 183829

Ion	Ratio	Lower	Upper
146	100		
148	65.0	49.6	74.4
75	24.7	25.9	38.9#

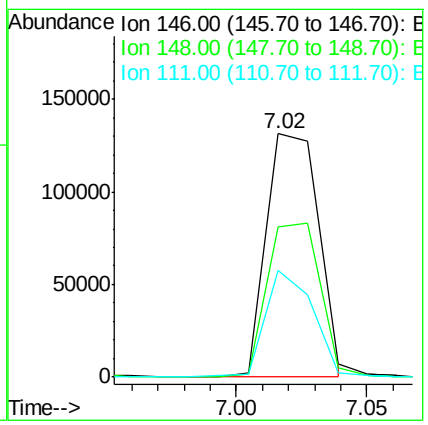


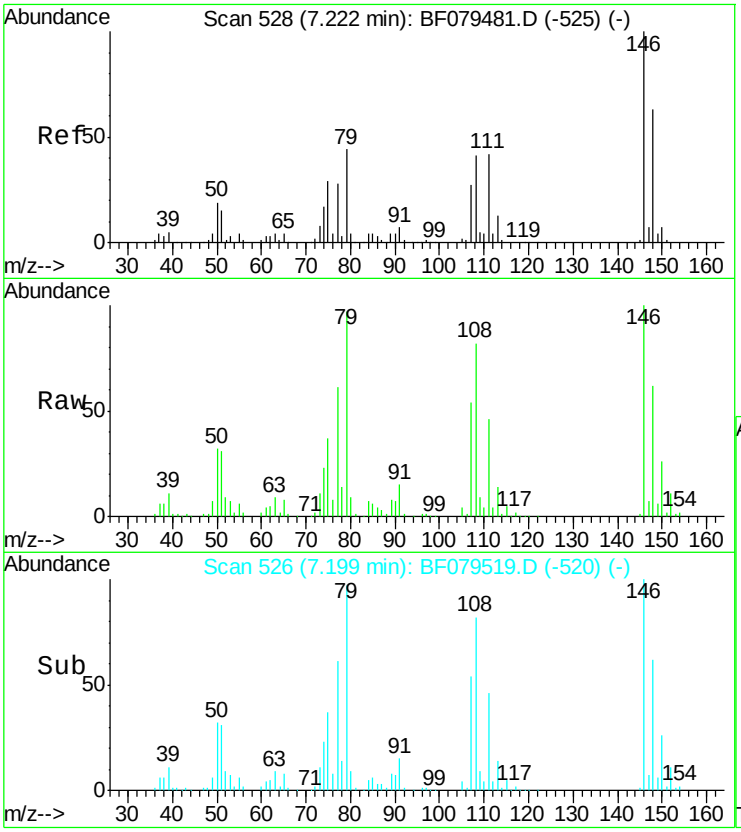


#13
1,4-Dichlorobenzene
Concen: 42.23 ng
RT: 7.02 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion:146 Resp: 183325

Ion	Ratio	Lower	Upper
146	100		
148	61.4	51.3	76.9
111	44.1	31.8	47.8



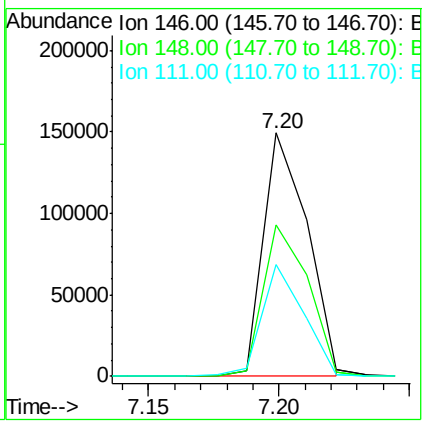


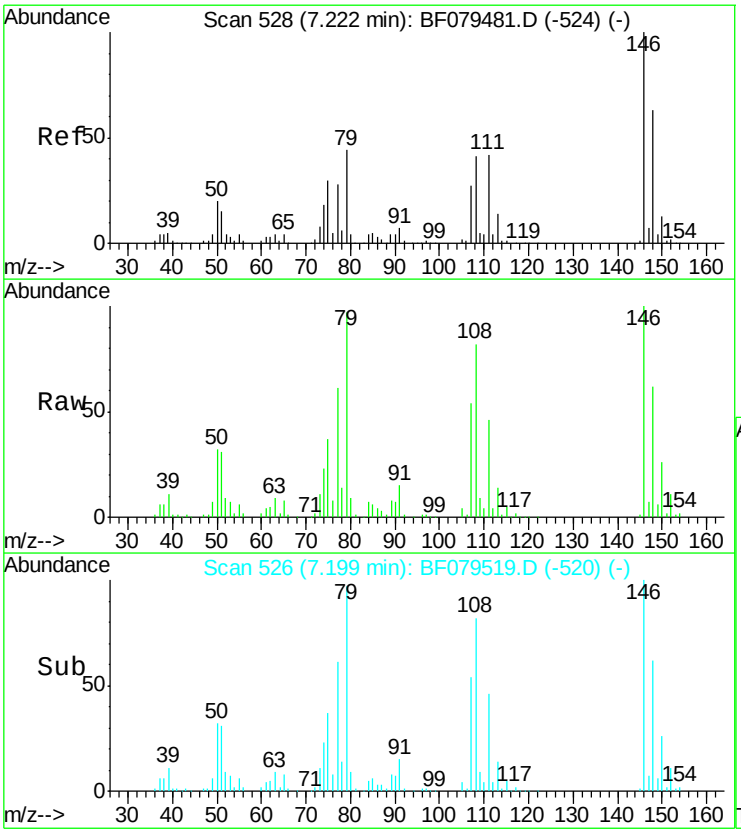
#14
1,2-Dichlorobenzene
Concen: 43.10 ng
RT: 7.20 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion:146 Resp: 173759

Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.6	76.0
111	46.0	33.2	49.8

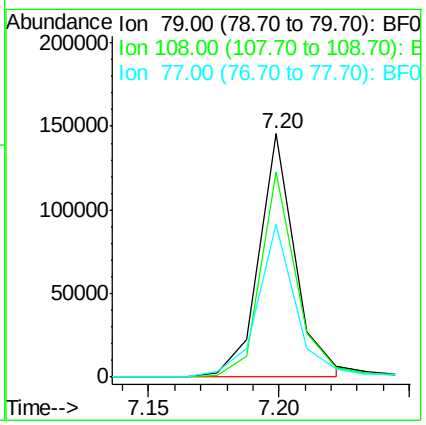


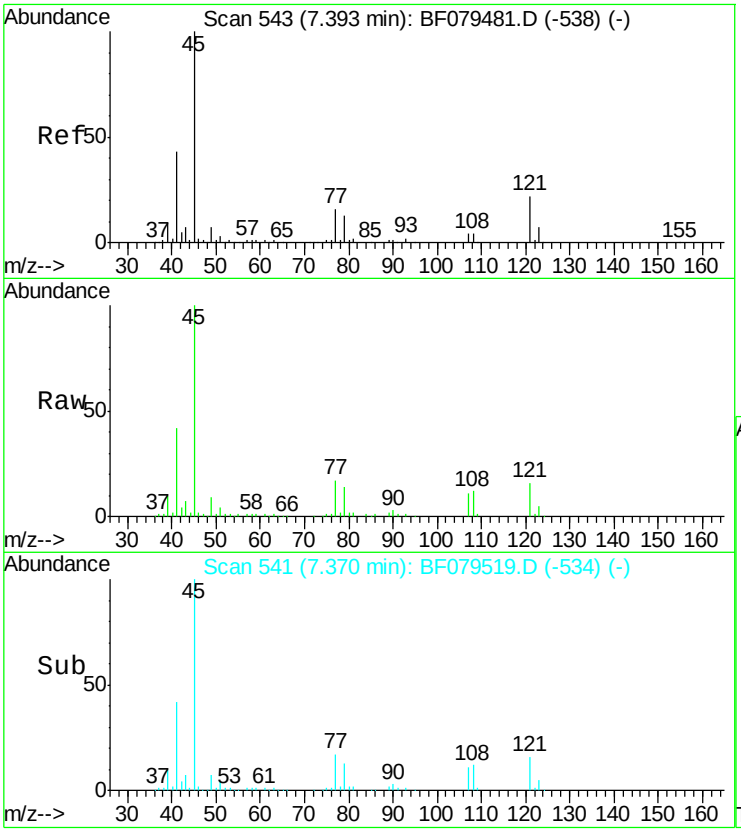


#15
Benzyl Alcohol
Concen: 45.49 ng
RT: 7.20 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion: 79 Resp: 140586

Ion	Ratio	Lower	Upper
79	100		
108	84.3	73.7	110.5
77	63.0	51.1	76.7



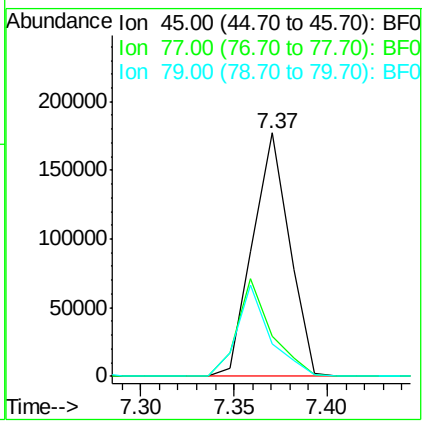


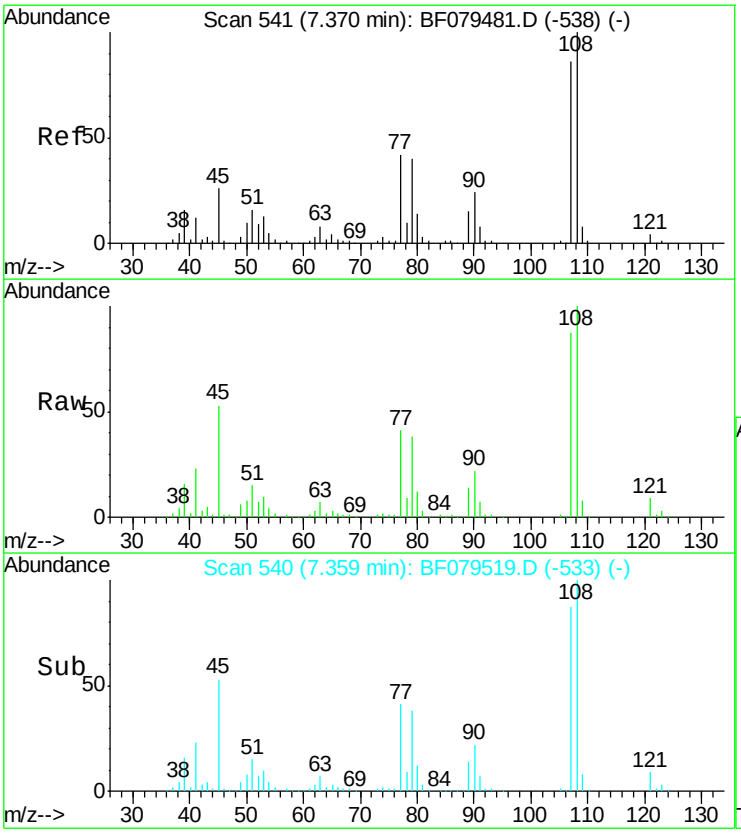
#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.40 ng
RT: 7.37 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion: 45 Resp: 243246

Ion	Ratio	Lower	Upper
45	100		
77	16.7	0.0	35.5
79	13.6	0.0	32.8

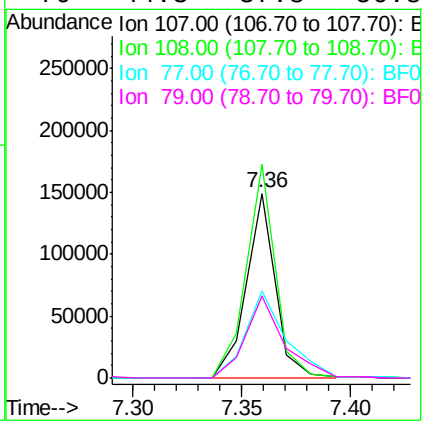


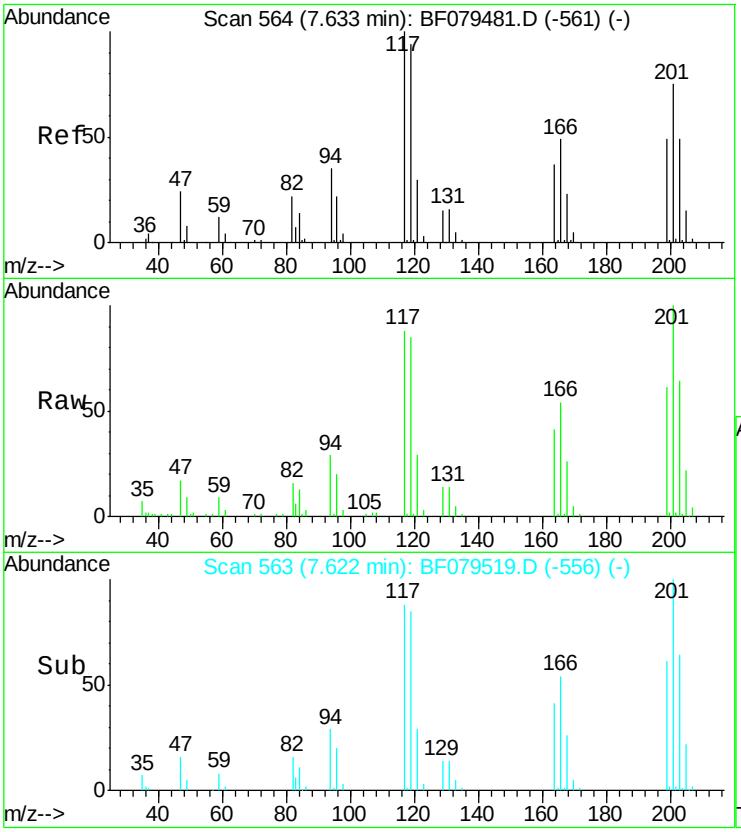


#17
2-Methylphenol
Concen: 46.09 ng
RT: 7.36 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion:107 Resp: 139090

Ion	Ratio	Lower	Upper
107	100		
108	115.5	93.1	139.7
77	47.4	39.2	58.8
79	44.3	37.8	56.8



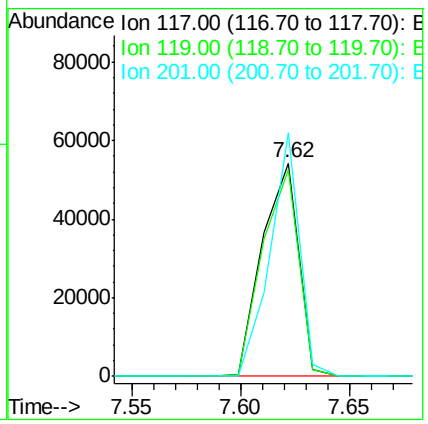


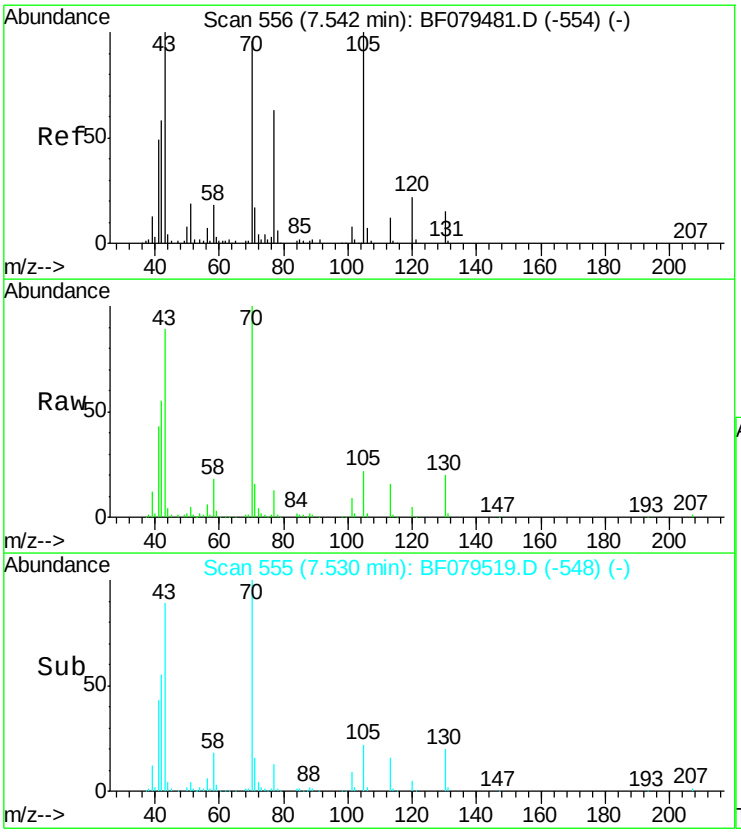
#18
Hexachloroethane
Concen: 42.77 ng
RT: 7.62 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion:117 Resp: 63903

Ion	Ratio	Lower	Upper
117	100		
119	96.5	74.9	112.3
201	114.0	60.2	90.4#

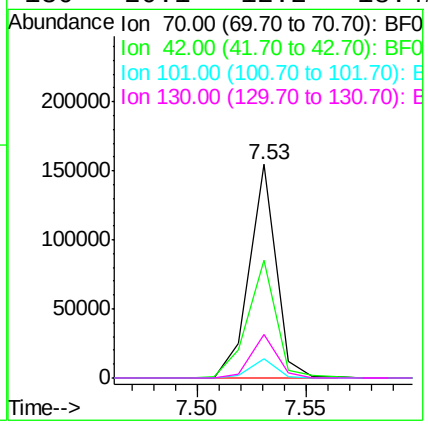


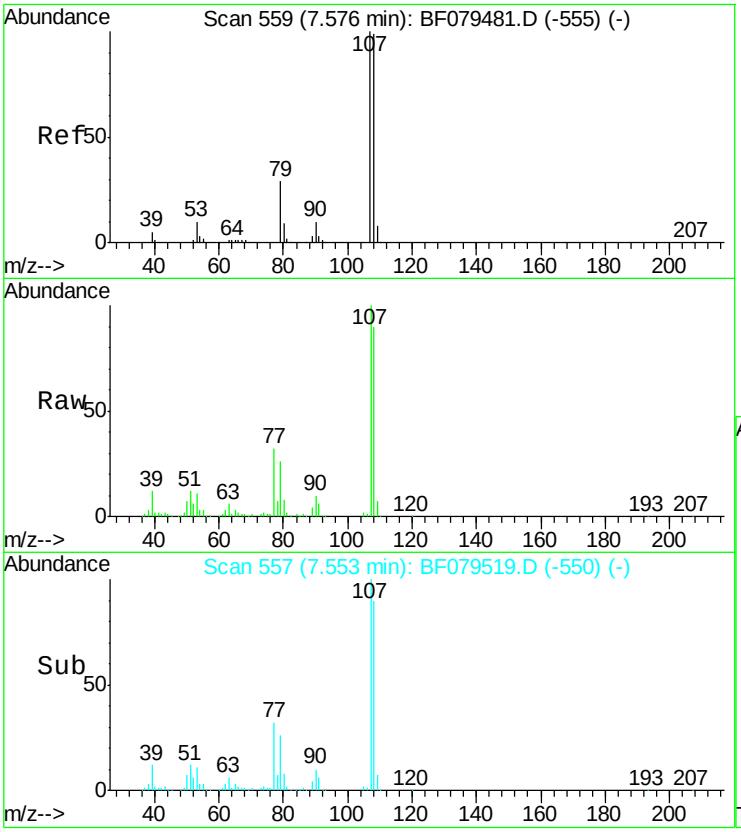


#19
n-Nitroso-di-n-propylamine
Concen: 44.88 ng
RT: 7.53 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion: 70 Resp: 132790

Ion	Ratio	Lower	Upper
70	100		
42	55.2	48.8	73.2
101	9.2	6.6	9.8
130	20.1	12.2	18.4#



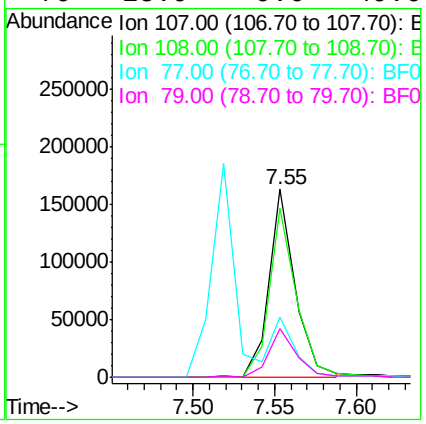


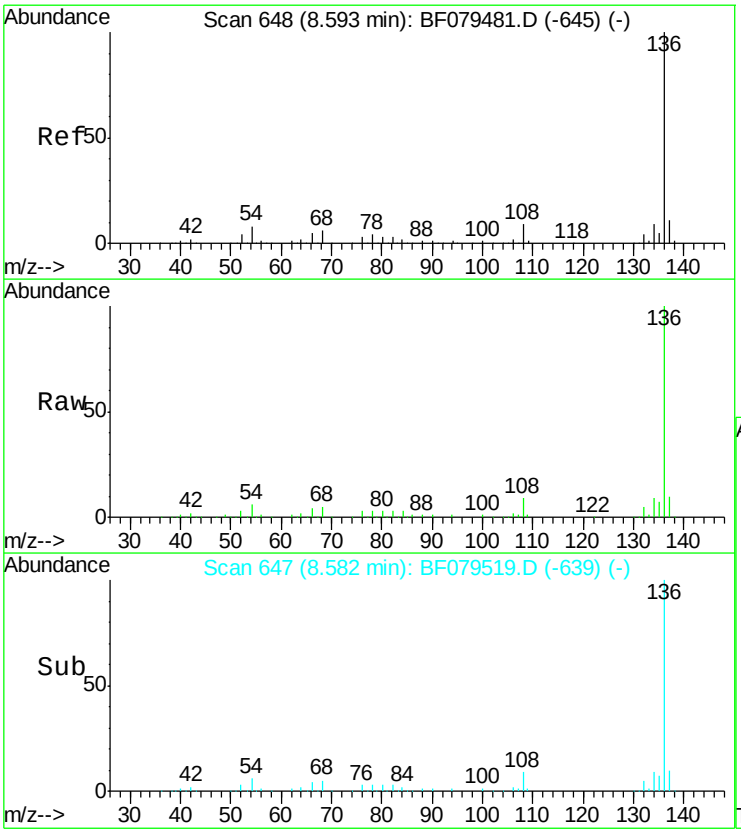
#20
3+4-Methylphenols
Concen: 44.40 ng
RT: 7.55 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion:107 Resp: 184111

Ion	Ratio	Lower	Upper
107	100		
108	89.9	77.7	117.7
77	32.0	11.4	51.4
79	25.9	9.6	49.6

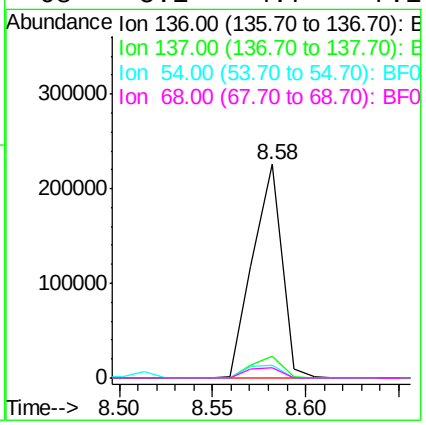


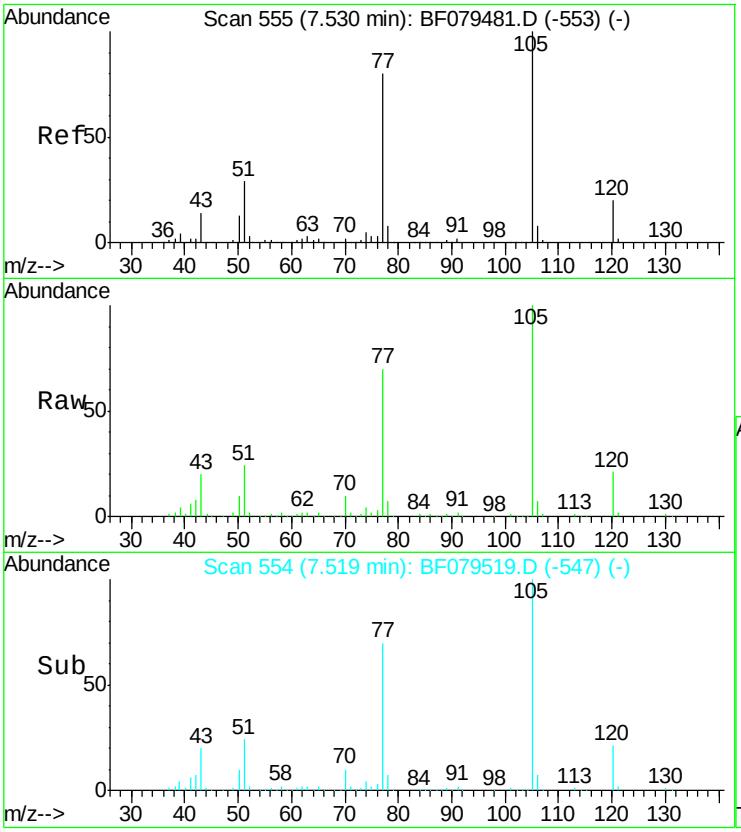


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion:136 Resp: 243162

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.5	12.7
54	6.0	6.6	9.8#
68	5.1	4.7	7.1



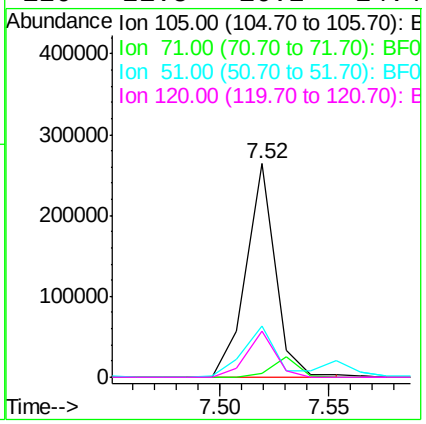


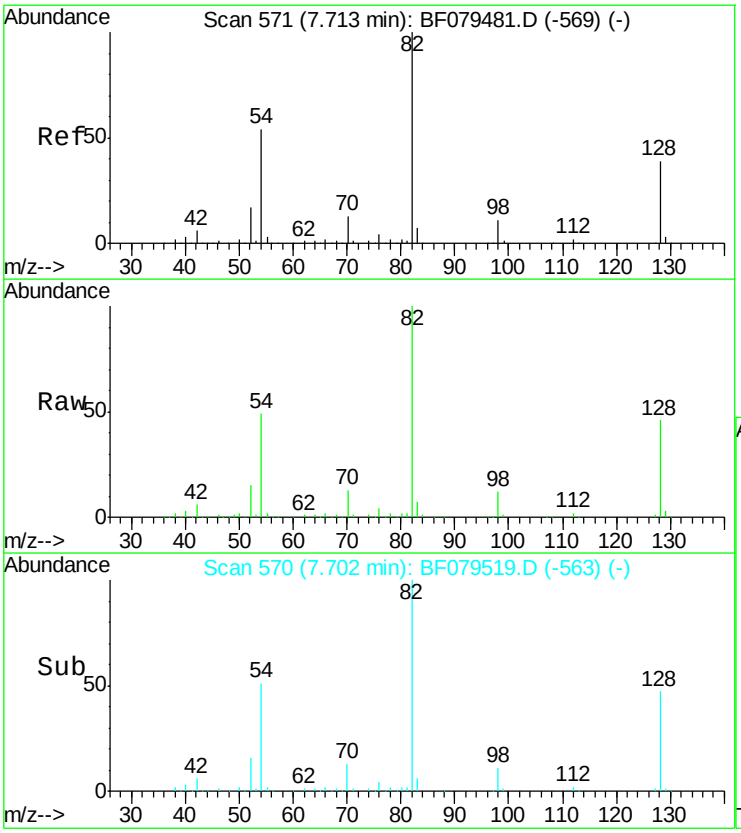
#22
Acetophenone
Concen: 45.54 ng
RT: 7.52 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion:105 Resp: 248115

Ion	Ratio	Lower	Upper
105	100		
71	1.7	0.2	0.4#
51	24.2	23.7	35.5
120	21.5	16.2	24.4

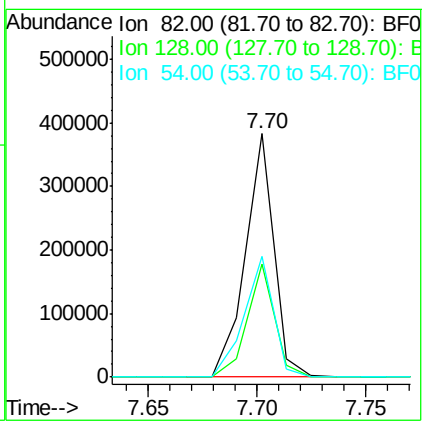


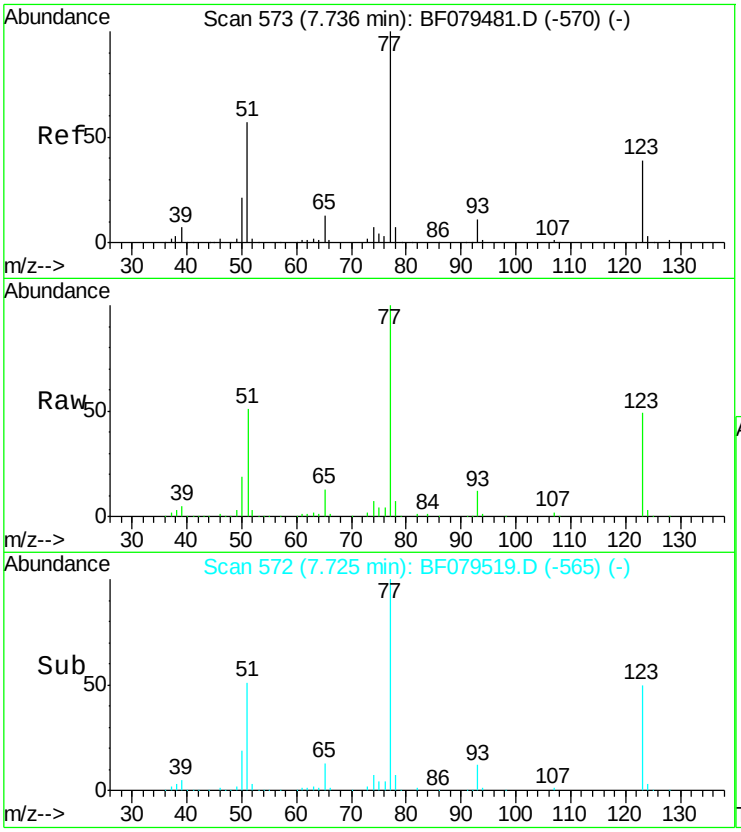


#23
Nitrobenzene-d5
Concen: 83.06 ng
RT: 7.70 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion: 82 Resp: 349379

Ion	Ratio	Lower	Upper
82	100		
128	46.3	30.8	46.2#
54	49.4	42.8	64.2



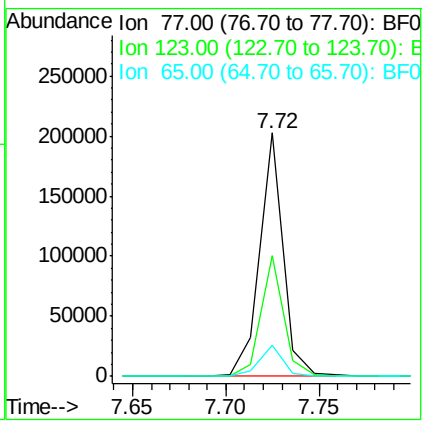


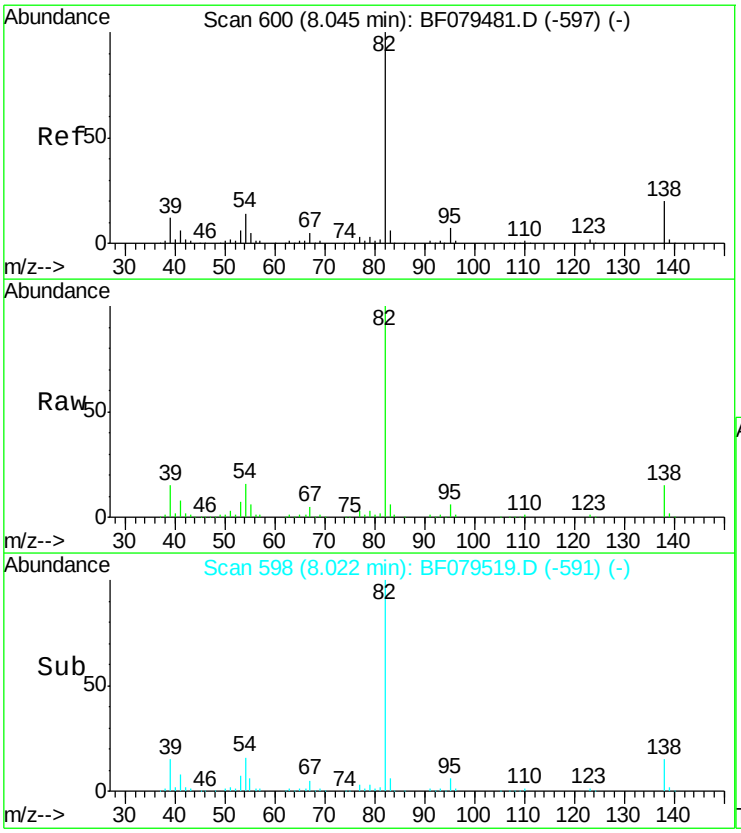
#24
Nitrobenzene
Concen: 43.35 ng
RT: 7.72 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion: 77 Resp: 179722

Ion	Ratio	Lower	Upper
77	100		
123	49.4	31.0	46.4#
65	12.8	10.6	15.8

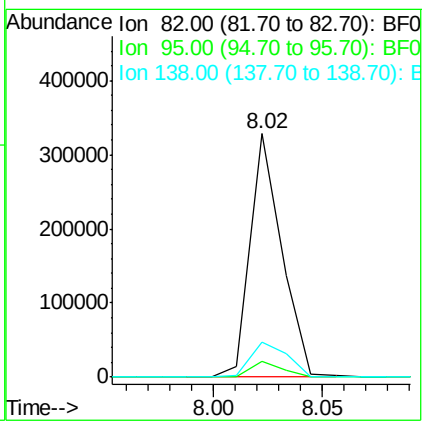


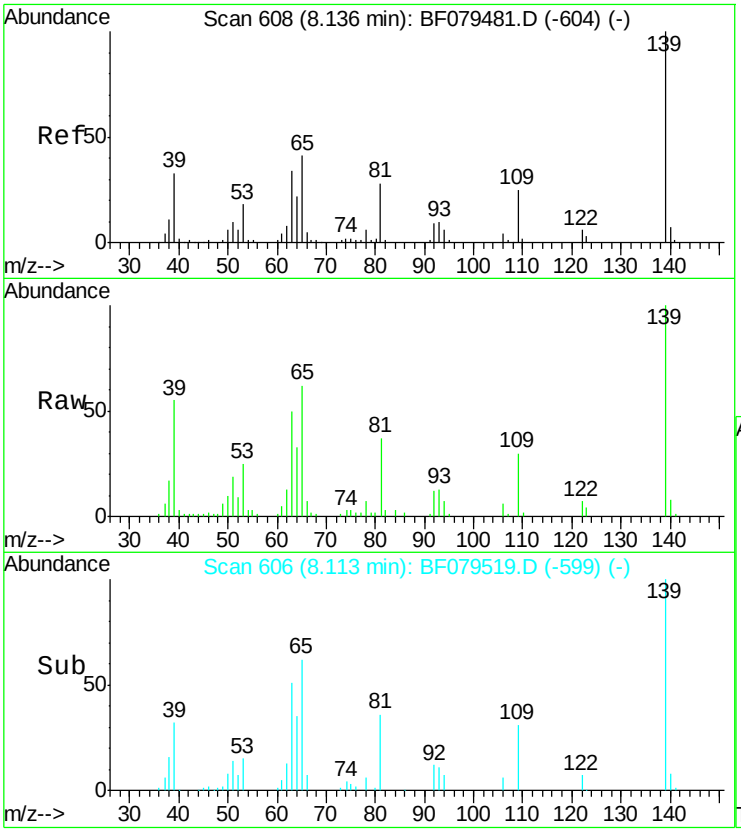


#25
Isophorone
Concen: 43.54 ng
RT: 8.02 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion: 82 Resp: 333831

Ion	Ratio	Lower	Upper
82	100		
95	6.4	5.5	8.3
138	14.6	16.1	24.1#



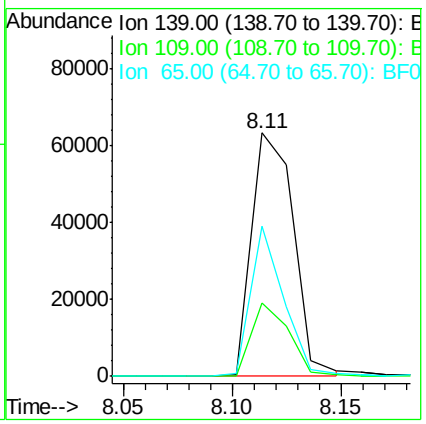


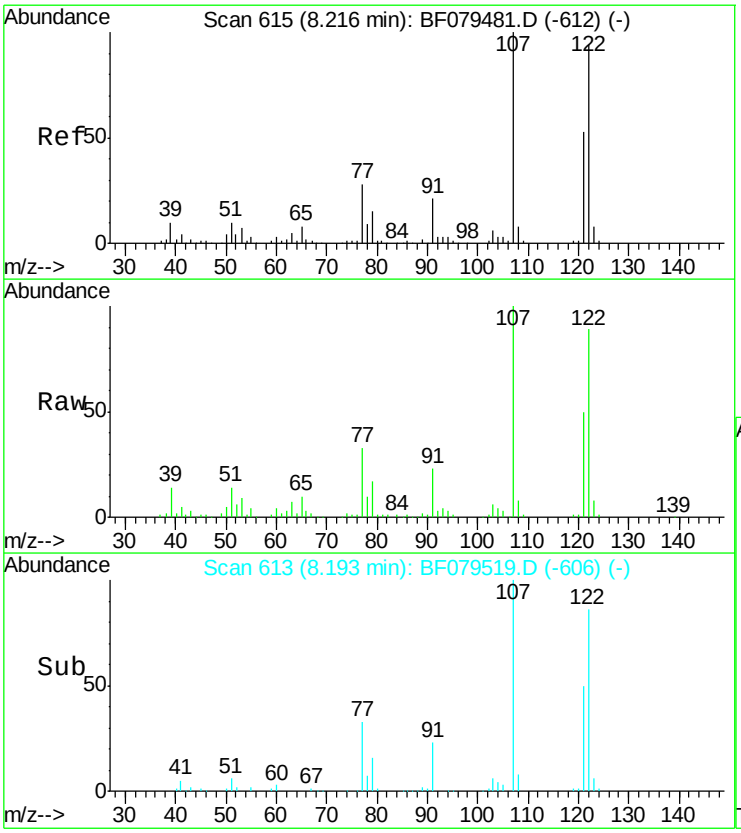
#26
2-Nitrophenol
Concen: 43.59 ng
RT: 8.11 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion:139 Resp: 85565

Ion	Ratio	Lower	Upper
139	100		
109	30.3	20.2	30.2#
65	61.5	32.5	48.7#

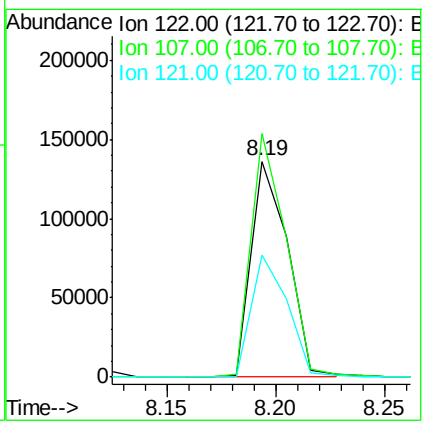


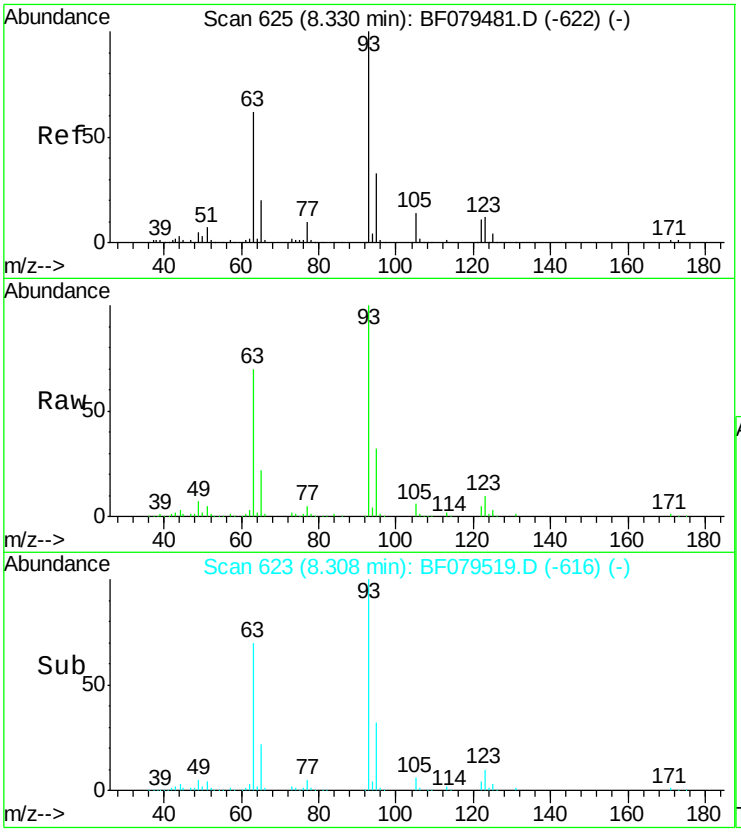


#27
2,4-Dimethylphenol
Concen: 45.22 ng
RT: 8.19 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion:122 Resp: 159562

Ion	Ratio	Lower	Upper
122	100		
107	112.7	85.2	127.8
121	56.3	45.2	67.8



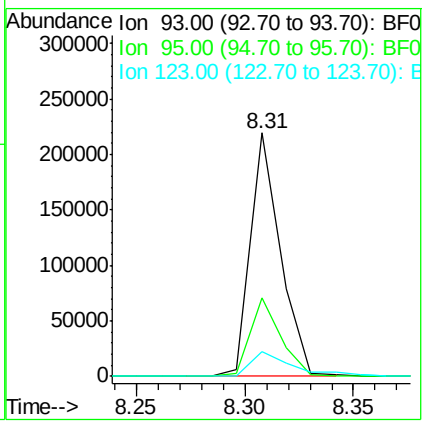


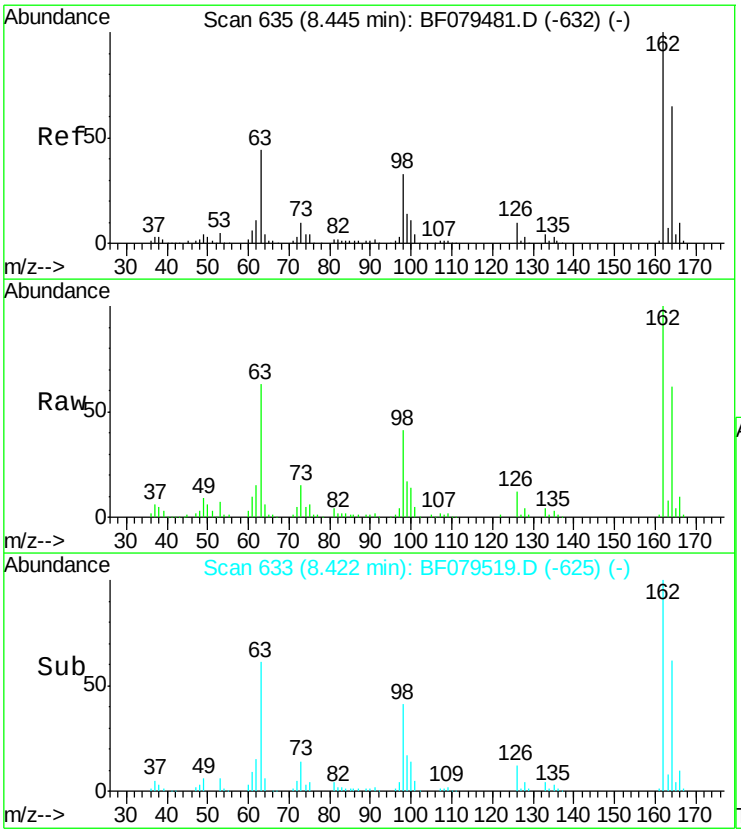
#28
bis(2-Chloroethoxy)methane
Concen: 44.49 ng
RT: 8.31 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion: 93 Resp: 211439

Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.6	39.8
123	10.1	9.4	14.0

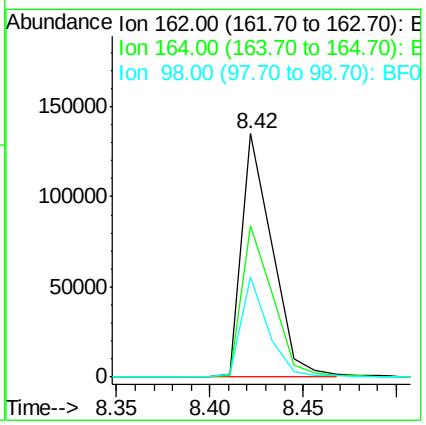


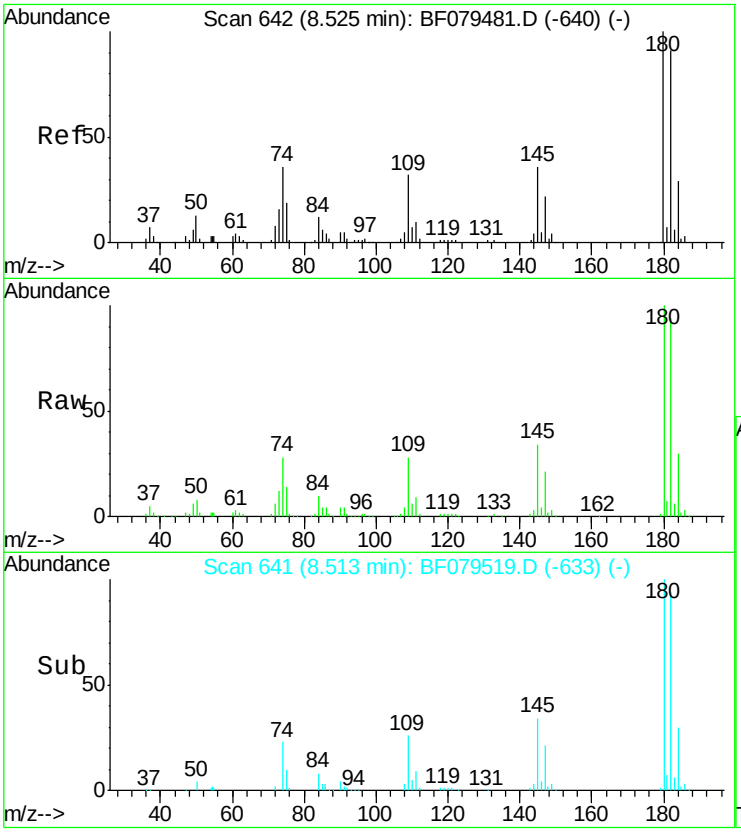


#29
2,4-Dichlorophenol
Concen: 47.78 ng
RT: 8.42 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion:162 Resp: 154418

Ion	Ratio	Lower	Upper
162	100		
164	62.3	45.0	85.0
98	41.1	13.2	53.2



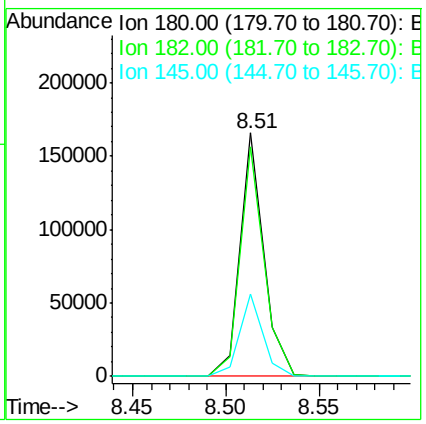


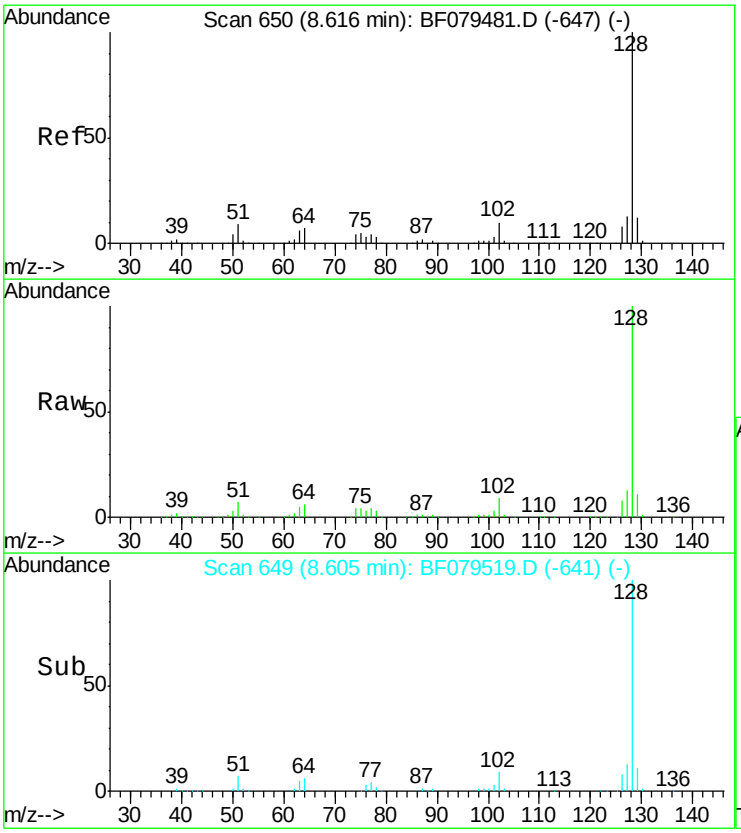
#30
1,2,4-Trichlorobenzene
Concen: 44.01 ng
RT: 8.51 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion:180 Resp: 147565

Ion	Ratio	Lower	Upper
180	100		
182	94.3	73.2	109.8
145	33.6	28.9	43.3

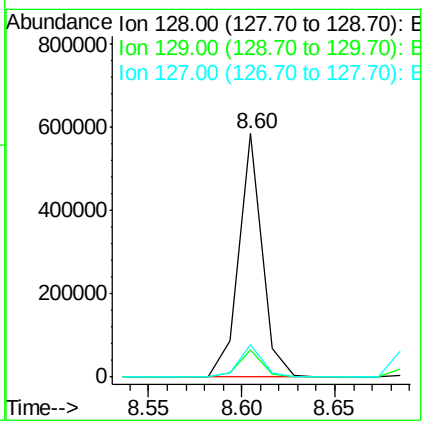


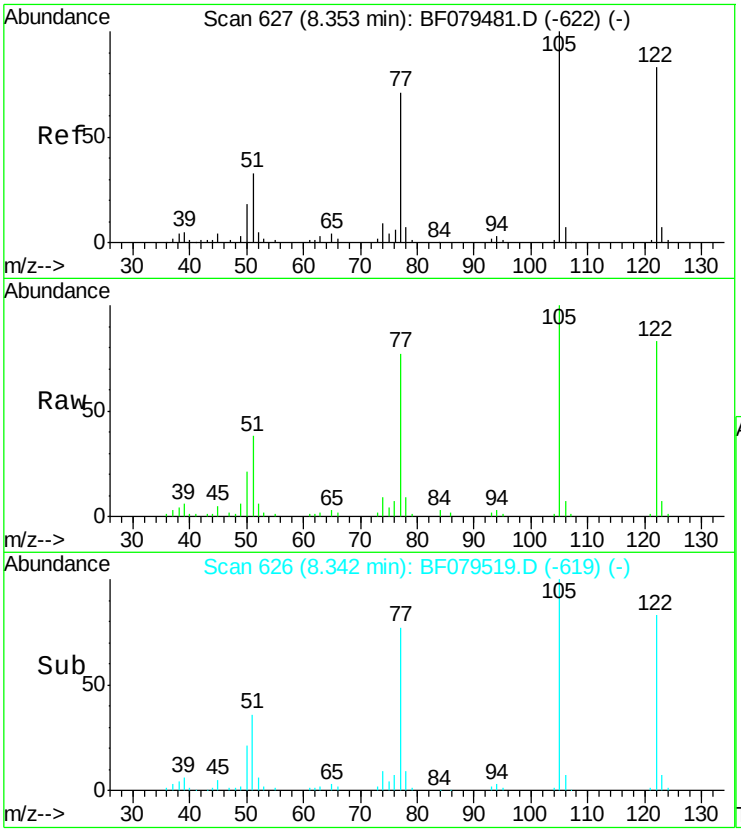


#31
Naphthalene
Concen: 43.86 ng
RT: 8.60 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion:128 Resp: 511843

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.3	13.9
127	13.2	10.6	15.8



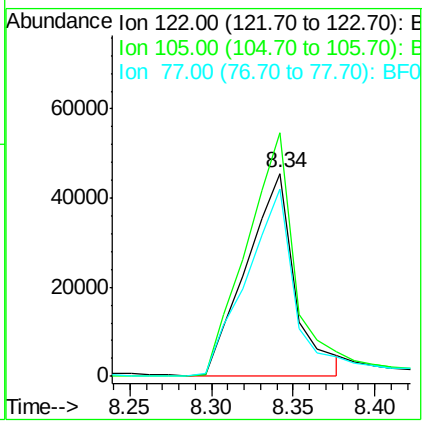


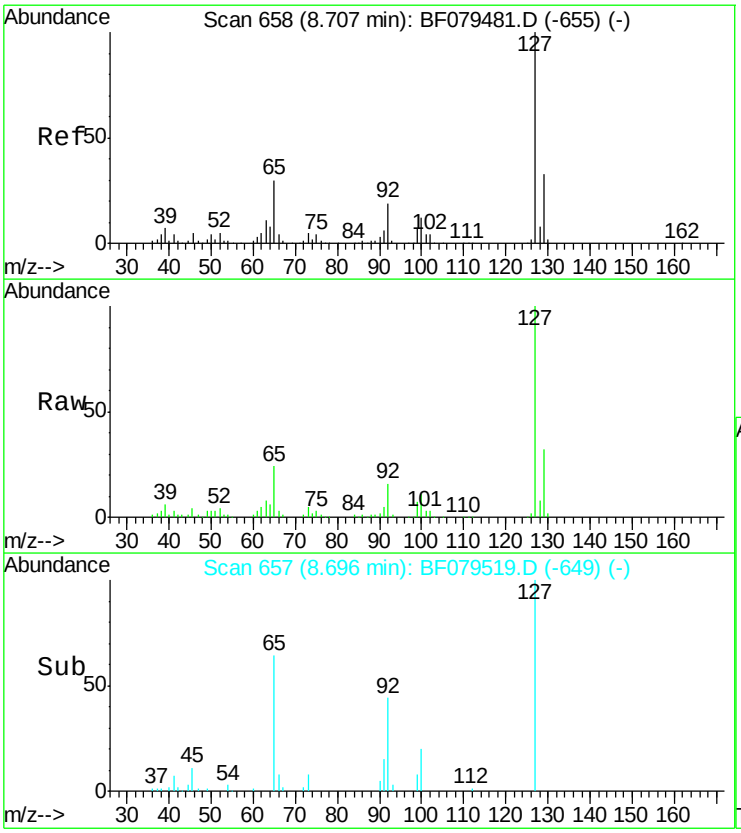
#32
Benzoic acid
Concen: 43.28 ng
RT: 8.34 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion:122 Resp: 94760

Ion	Ratio	Lower	Upper
122	100		
105	120.0	100.2	140.2
77	92.6	64.8	104.8

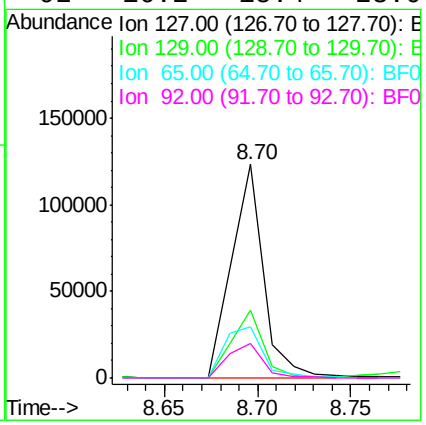


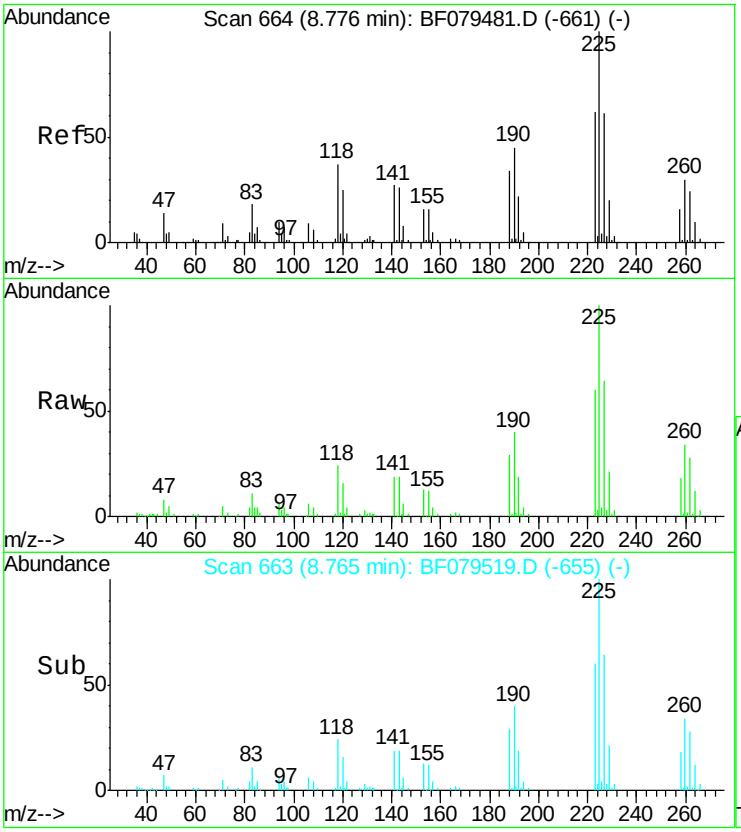


#33
4-Chloroaniline
Concen: 30.47 ng
RT: 8.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion:127 Resp: 148534

Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.2
65	23.8	24.2	36.4#
92	16.2	15.4	23.0



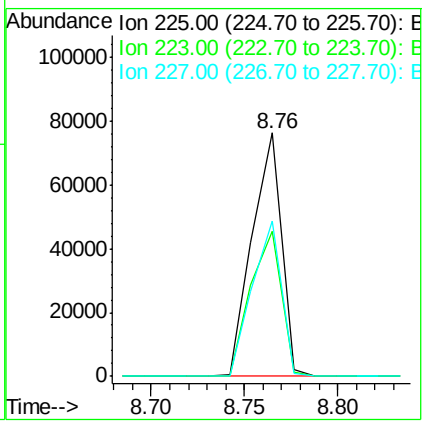


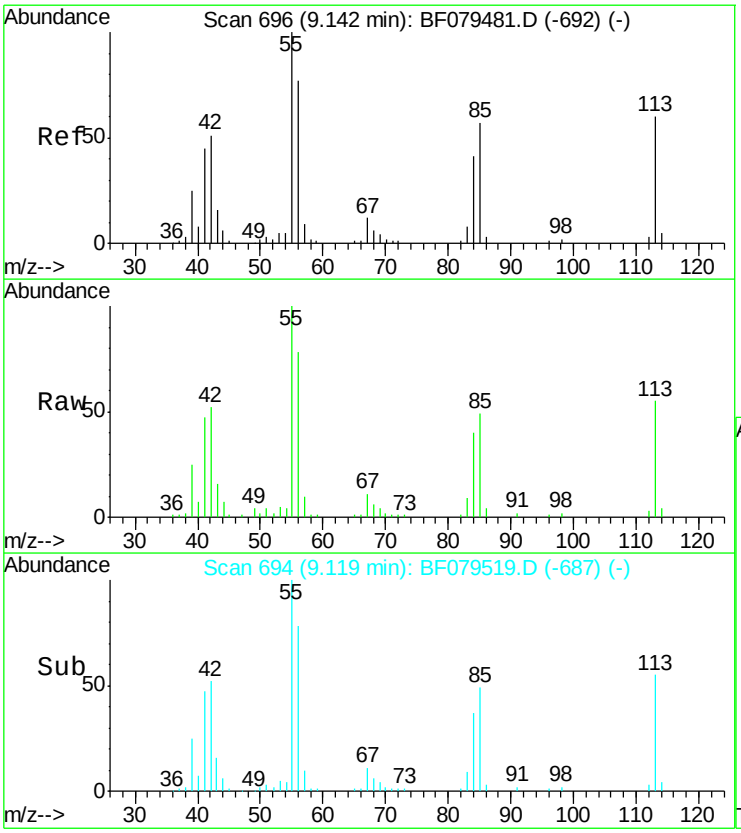
#34
Hexachlorobutadiene
Concen: 43.39 ng
RT: 8.76 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion:225 Resp: 82741

Ion	Ratio	Lower	Upper
225	100		
223	59.7	49.9	74.9
227	63.7	48.9	73.3

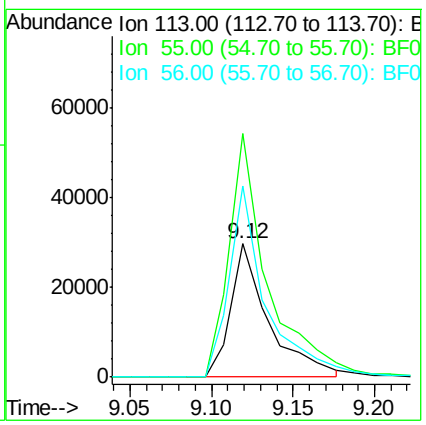


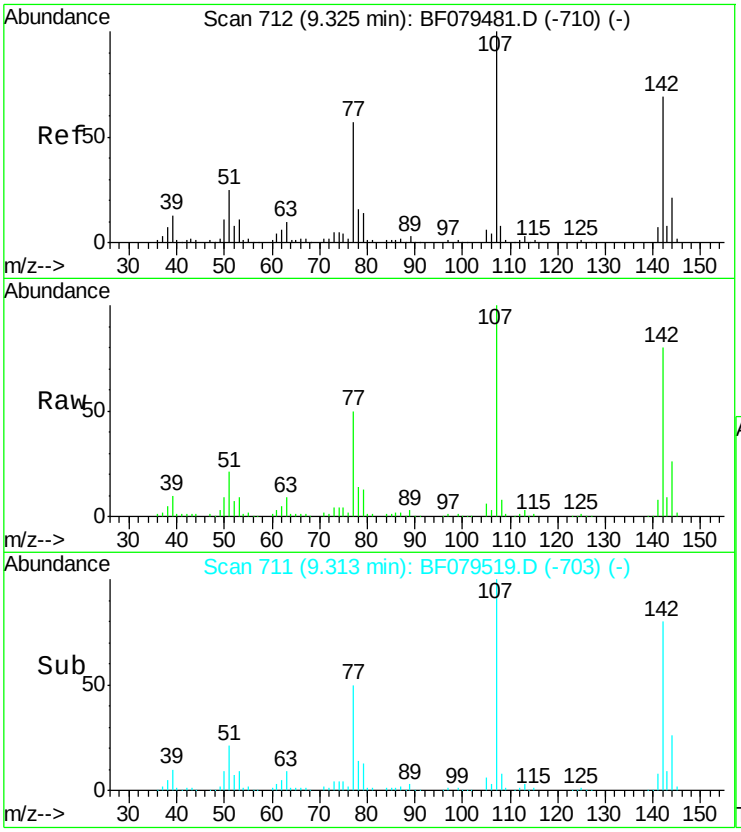


#35
Caprolactam
Concen: 46.66 ng
RT: 9.12 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion:113 Resp: 47561

Ion	Ratio	Lower	Upper
113	100		
55	182.9	147.2	187.2
56	143.3	108.6	148.6



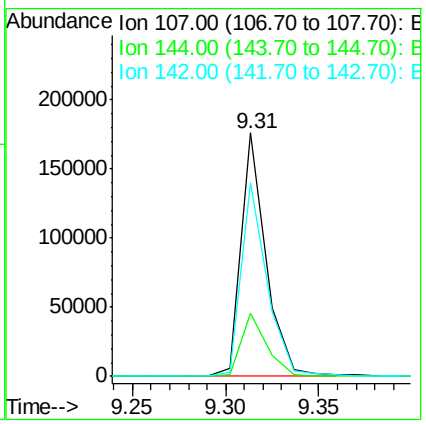


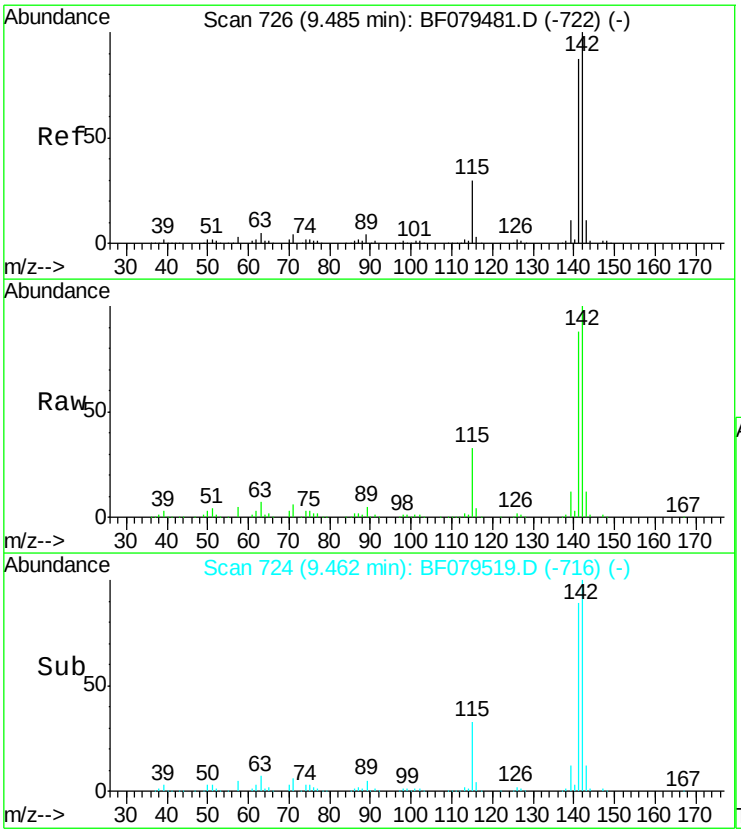
#36
4-Chloro-3-methylphenol
Concen: 49.00 ng
RT: 9.31 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion:107 Resp: 164250

Ion	Ratio	Lower	Upper
107	100		
144	26.0	16.9	25.3#
142	79.8	55.2	82.8

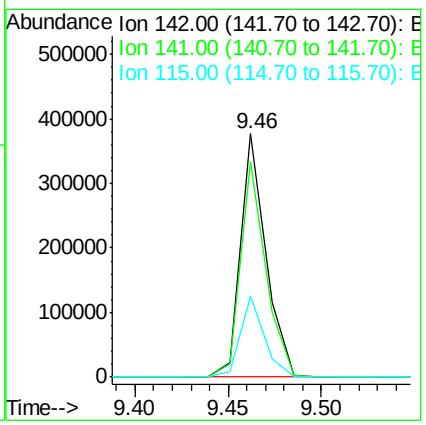


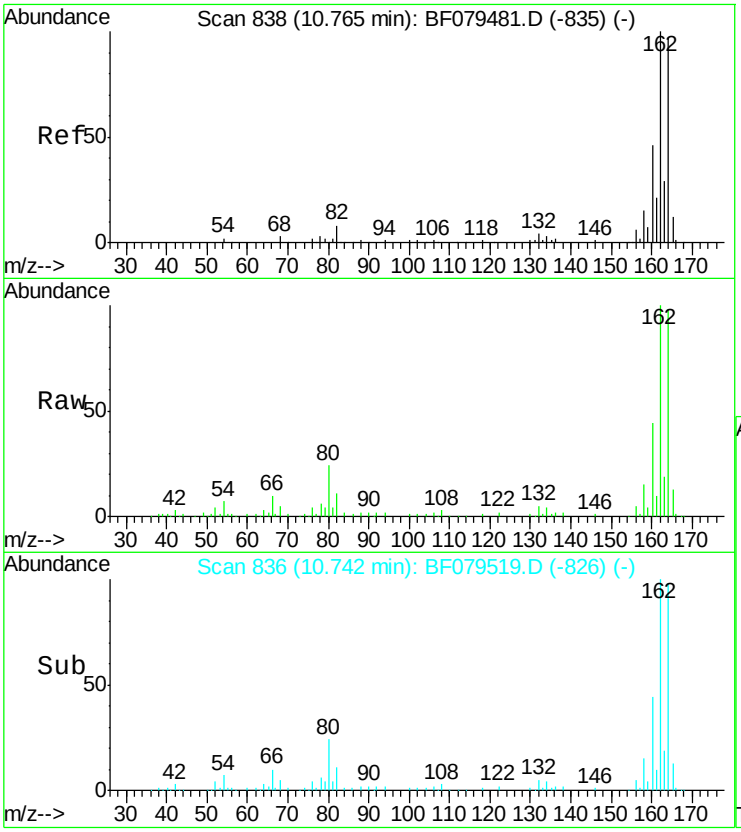


#37
2-Methylnaphthalene
Concen: 43.98 ng
RT: 9.46 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion:142 Resp: 356317

Ion	Ratio	Lower	Upper
142	100		
141	88.5	69.5	104.3
115	33.3	23.8	35.6



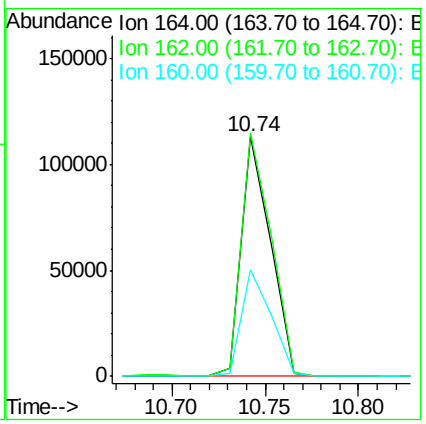


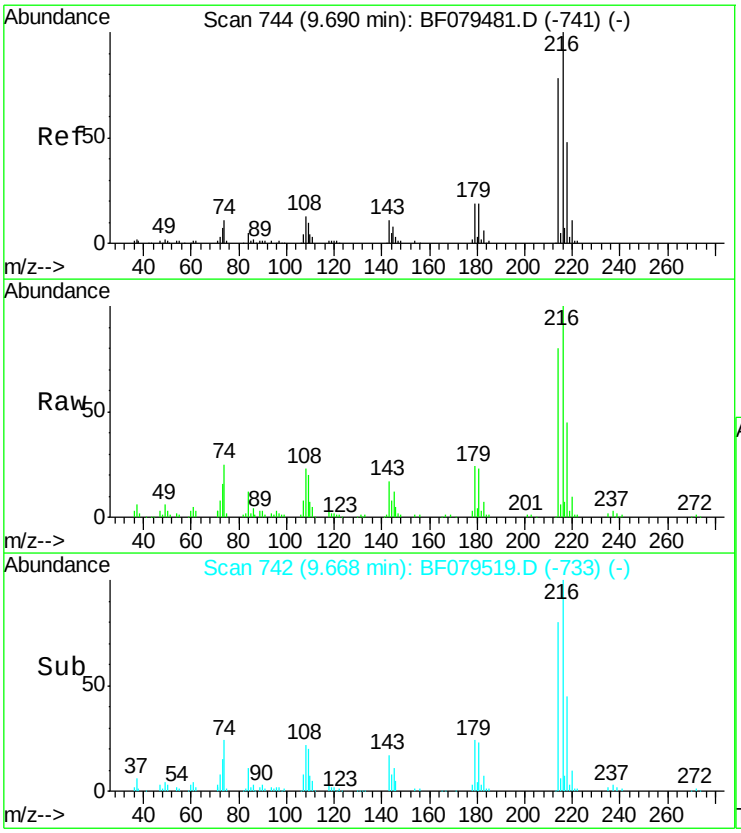
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.74 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion:164 Resp: 122174

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	124.0
160	44.3	37.7	56.5

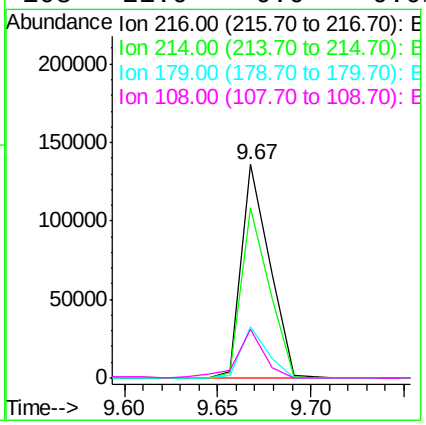


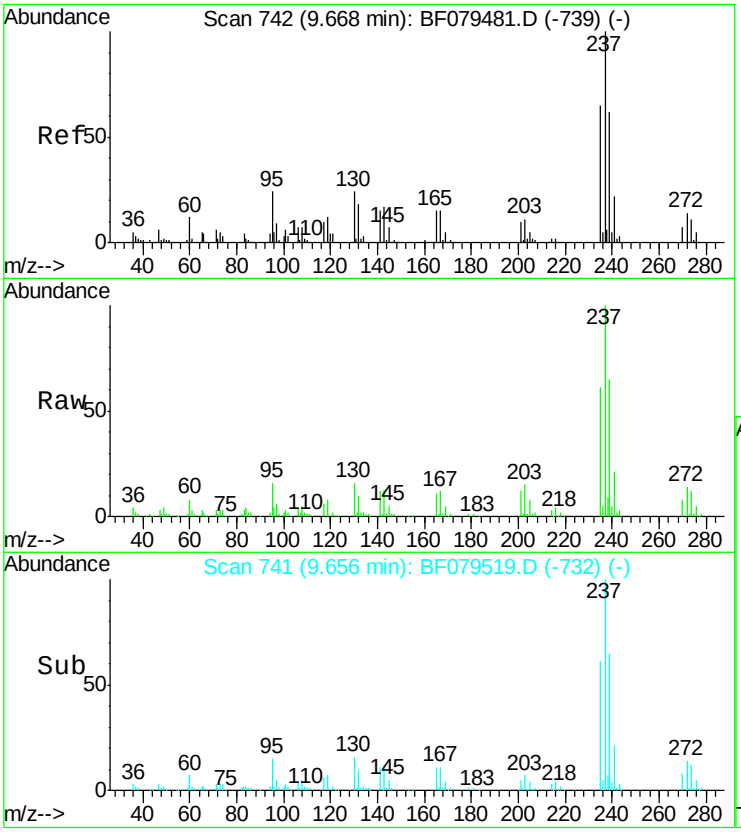


#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.90 ng
RT: 9.67 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion:216 Resp: 143176

Ion	Ratio	Lower	Upper
216	100		
214	78.6	0.0	0.0#
179	22.0	0.0	0.0#
108	21.9	0.0	0.0#



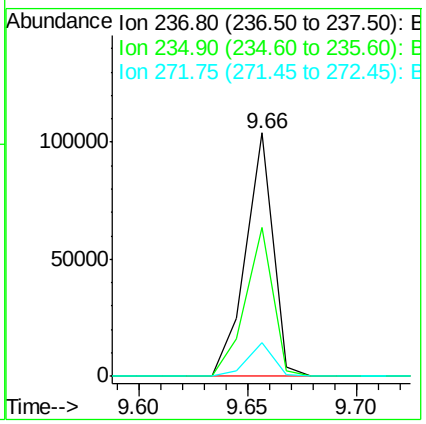


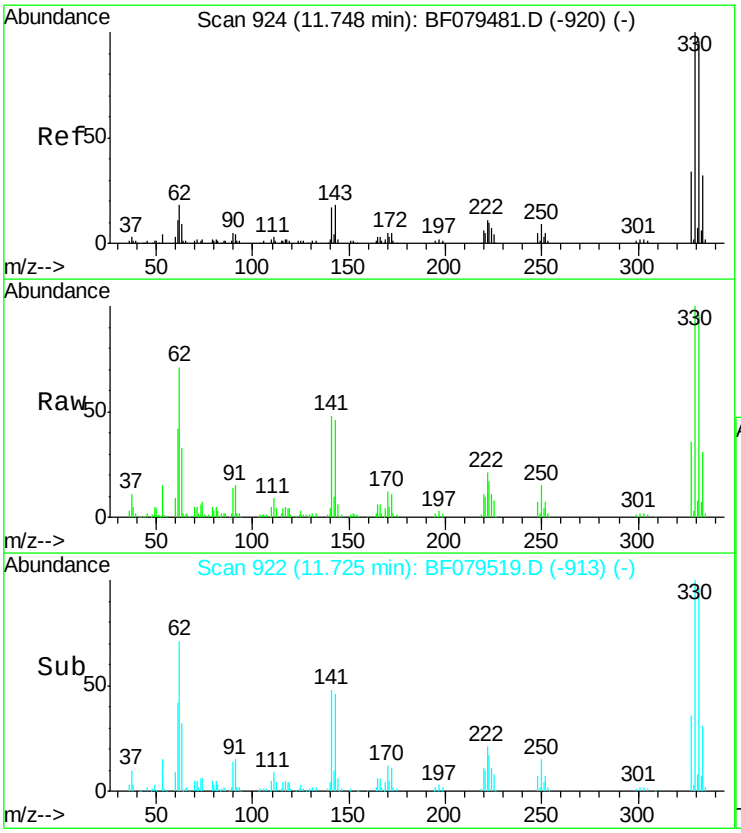
#40
Hexachlorocyclopentadiene
Concen: 82.92 ng
RT: 9.66 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion:237 Resp: 90756

Ion	Ratio	Lower	Upper
237	100		
235	61.2	45.0	85.0
272	13.8	0.0	33.9

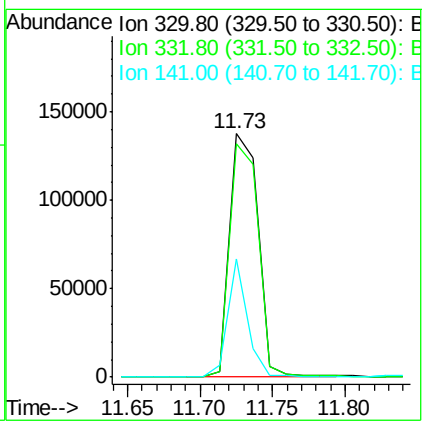


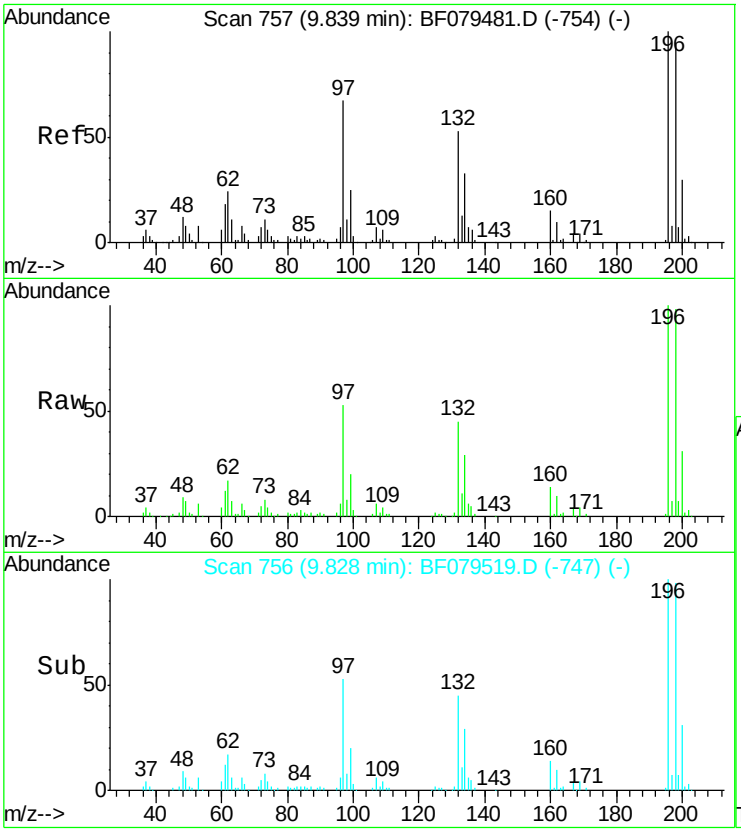


#41
2,4,6-Tribromophenol
Concen: 140.56 ng
RT: 11.73 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion:330 Resp: 188616

Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	33.5	0.0	0.0#



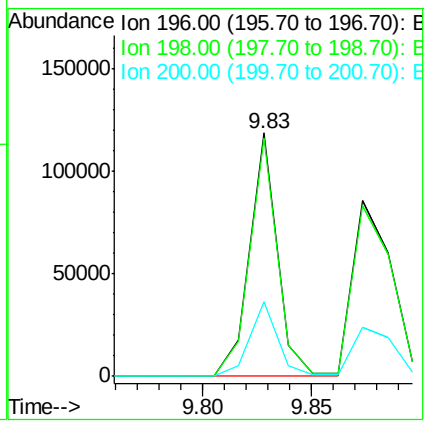


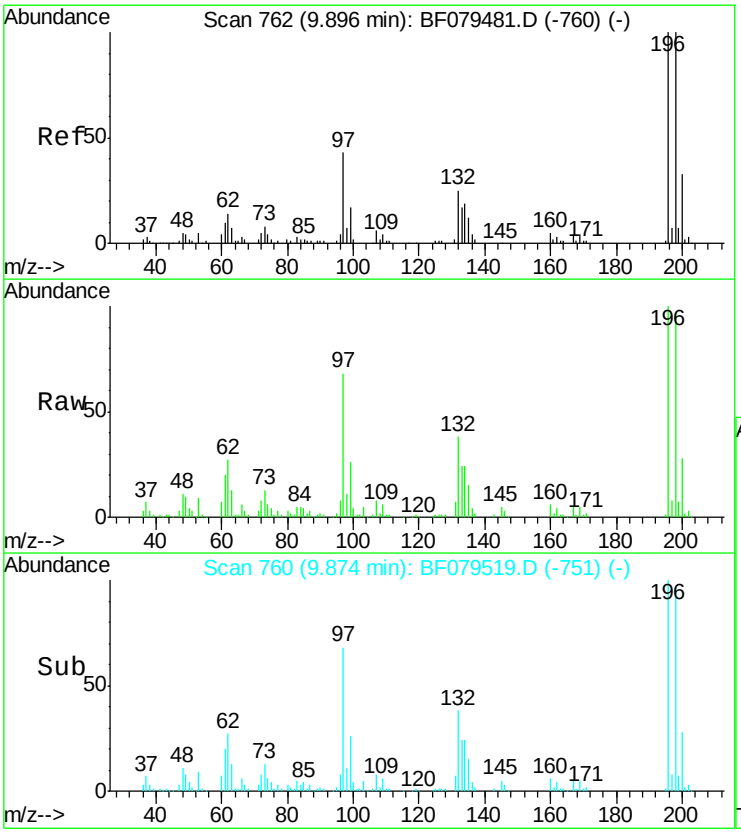
#42
2,4,6-Trichlorophenol
Concen: 44.44 ng
RT: 9.83 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion:196 Resp: 106047

Ion	Ratio	Lower	Upper
196	100		
198	98.2	75.3	112.9
200	30.6	23.8	35.8

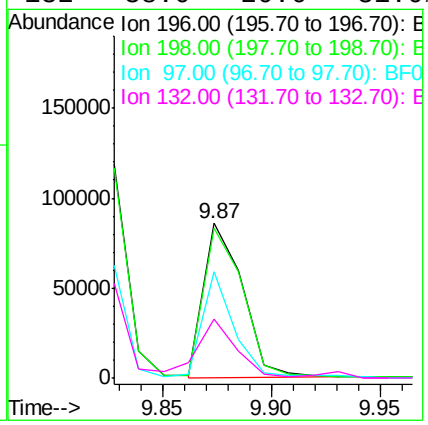


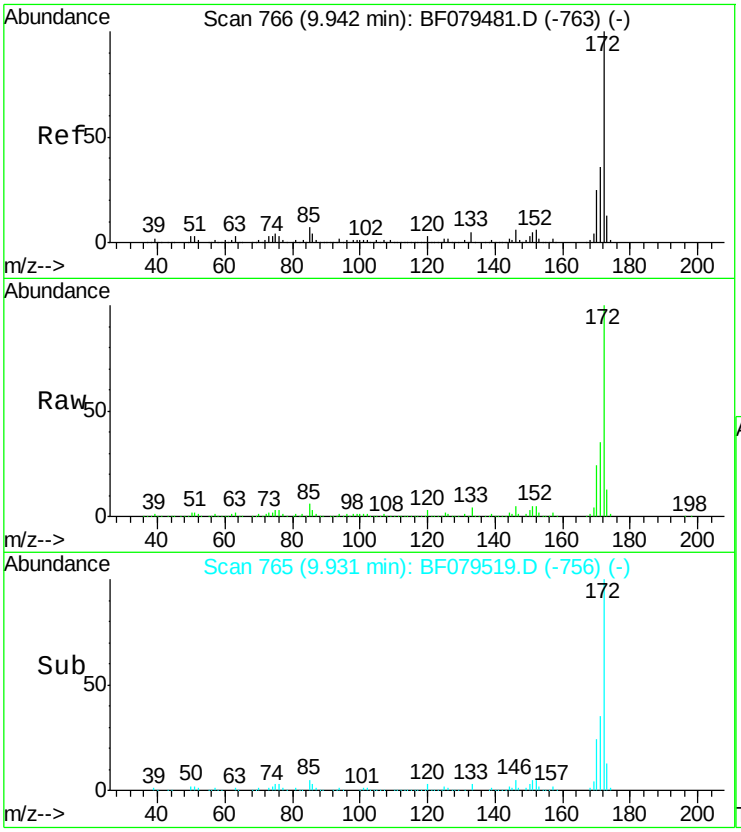


#43
2,4,5-Trichlorophenol
Concen: 44.57 ng
RT: 9.87 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion:196 Resp: 105871

Ion	Ratio	Lower	Upper
196	100		
198	97.1	80.3	120.5
97	68.4	34.8	52.2#
132	38.0	20.6	31.0#



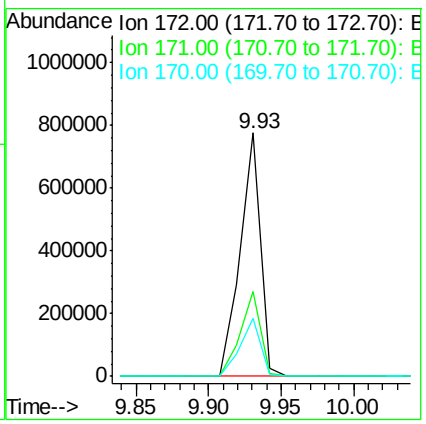


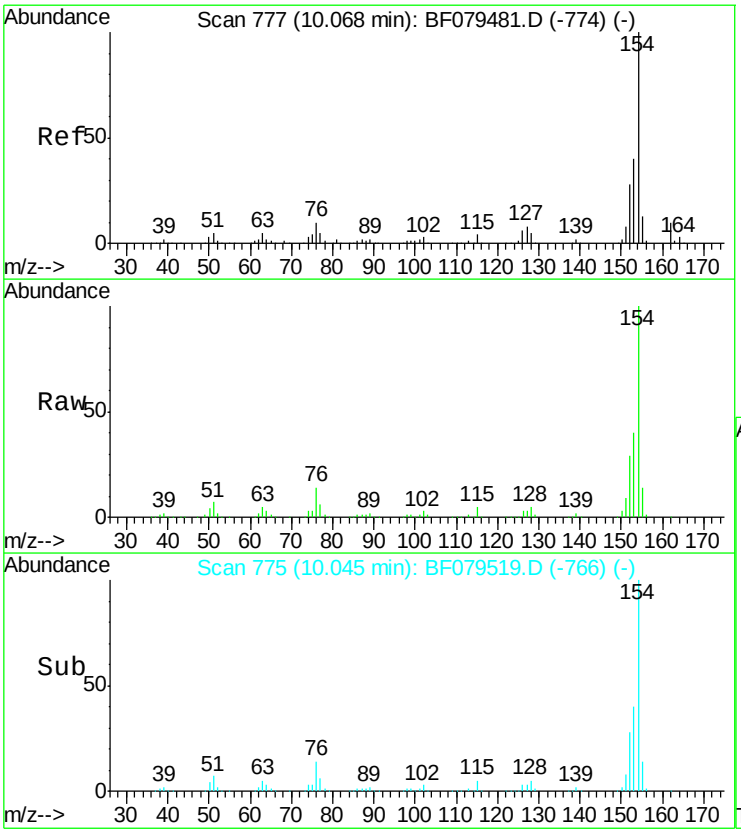
#44
2-Fluorobiphenyl
Concen: 87.96 ng
RT: 9.93 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion:172 Resp: 753221

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	24.0	19.7	29.5

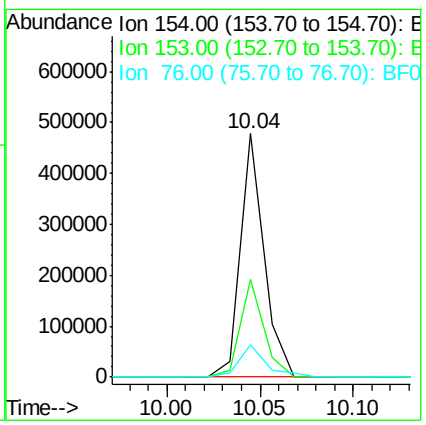


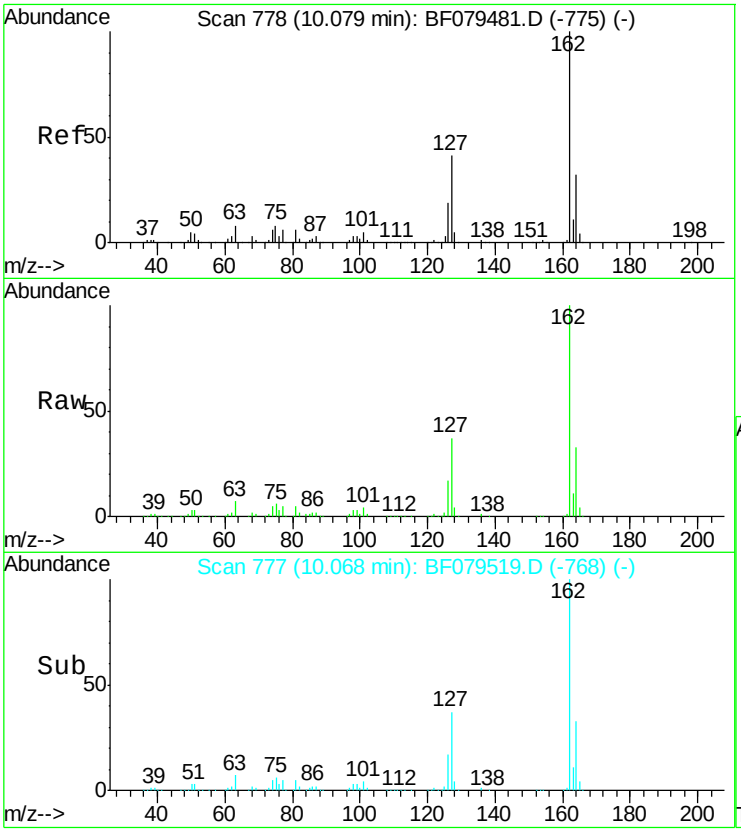


#45
1,1'-Biphenyl
Concen: 44.31 ng
RT: 10.04 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion:154 Resp: 422809

Ion	Ratio	Lower	Upper
154	100		
153	40.0	19.5	59.5
76	13.5	0.0	29.6



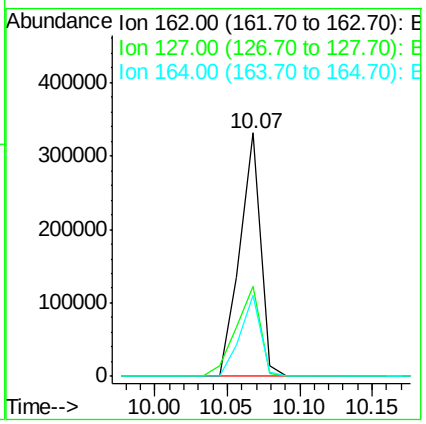


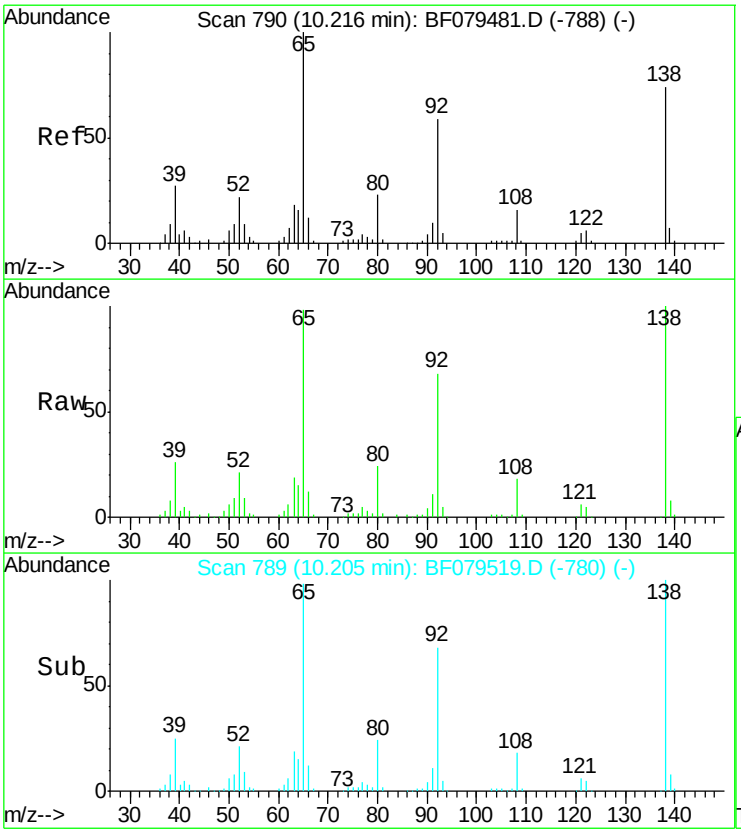
#46
2-Chloronaphthalene
Concen: 43.91 ng
RT: 10.07 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion:162 Resp: 330941

Ion	Ratio	Lower	Upper
162	100		
127	36.9	32.7	49.1
164	33.5	25.8	38.6

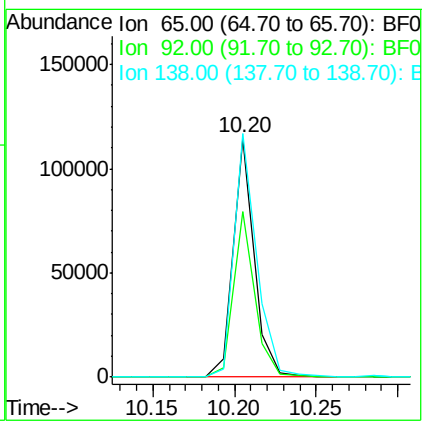


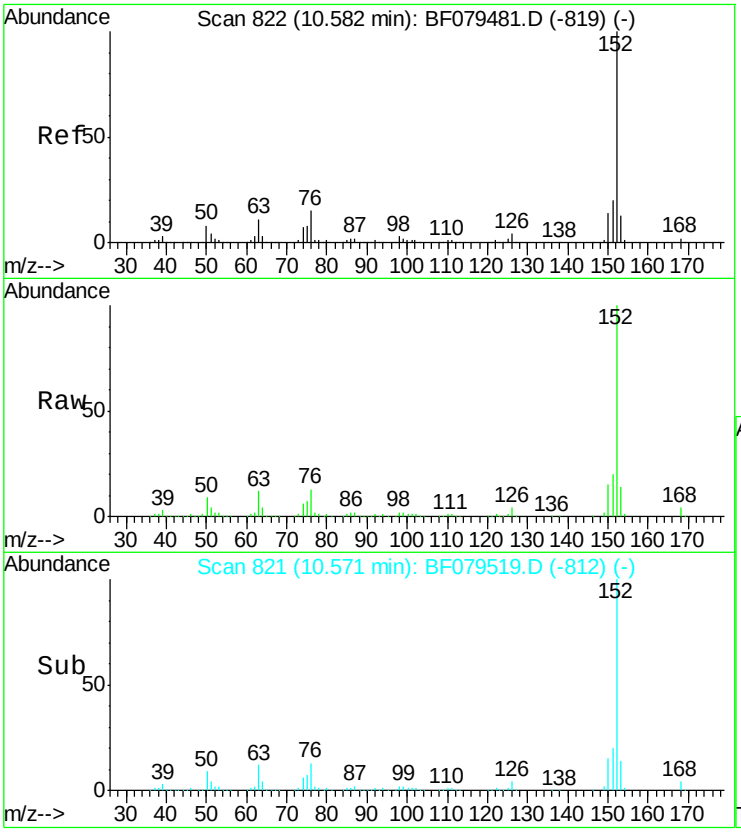


#47
2-Nitroaniline
Concen: 45.23 ng
RT: 10.20 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion: 65 Resp: 101342

Ion	Ratio	Lower	Upper
65	100		
92	69.1	47.2	70.8
138	101.9	59.2	88.8#



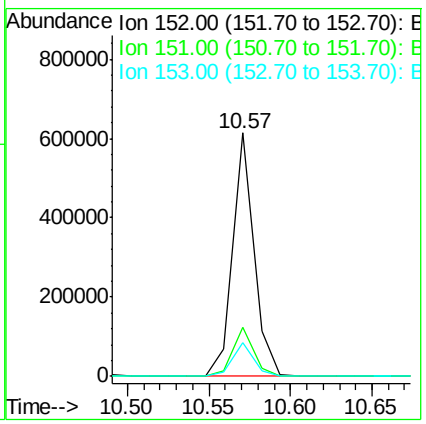


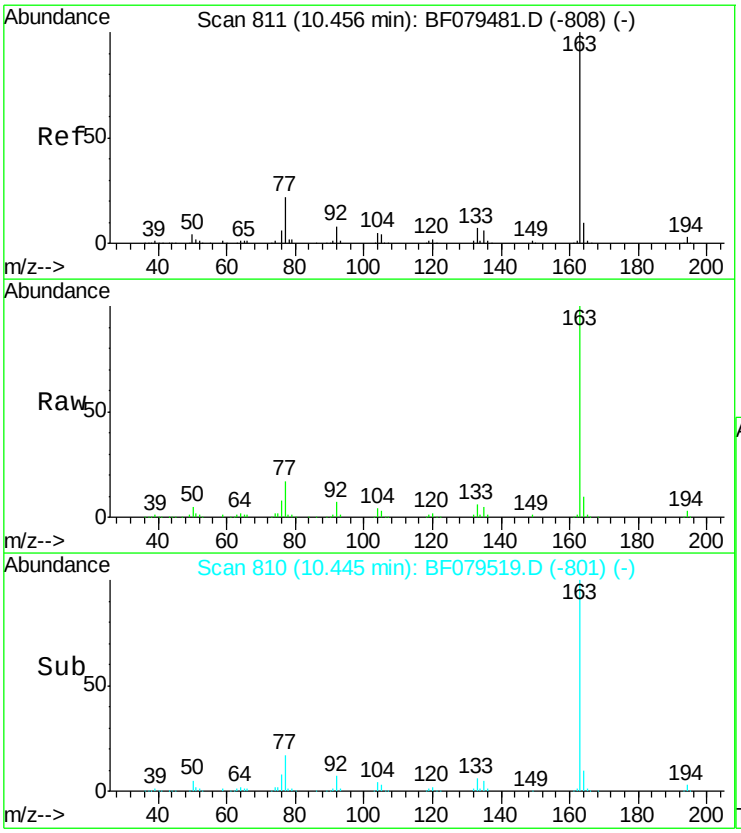
#48
Acenaphthylene
Concen: 43.92 ng
RT: 10.57 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion:152 Resp: 549396

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.6	10.7	16.1

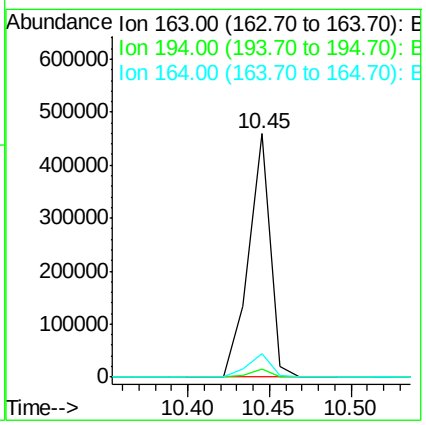


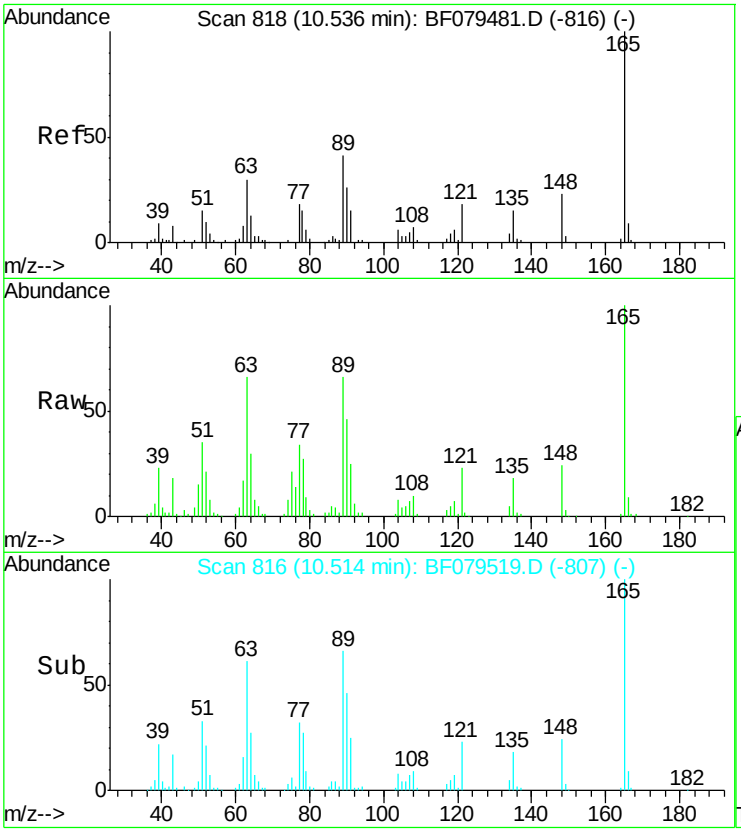


#49
Dimethylphthalate
Concen: 46.95 ng
RT: 10.45 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion:163 Resp: 422682

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.4	3.6
164	9.9	8.2	12.4



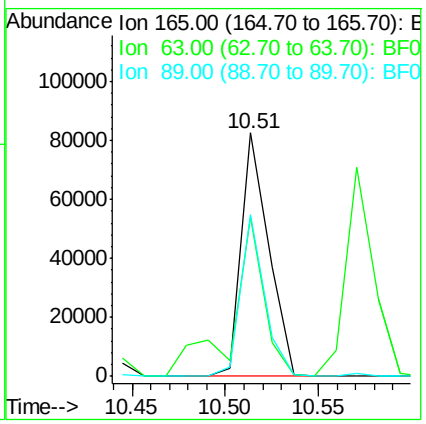


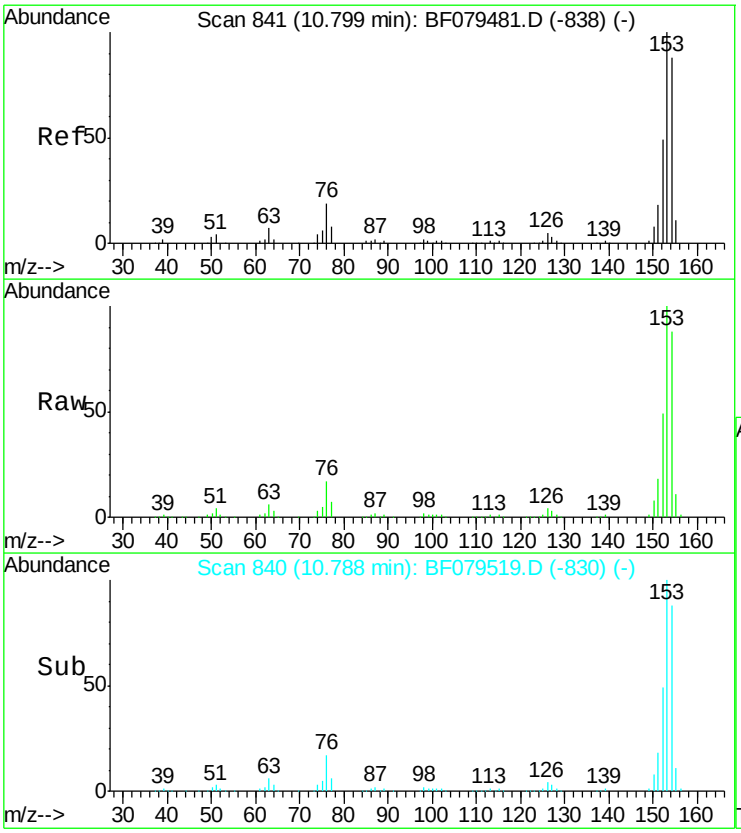
#50
2,6-Dinitrotoluene
Concen: 46.93 ng
RT: 10.51 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion:165 Resp: 84409

Ion	Ratio	Lower	Upper
165	100		
63	65.5	27.7	41.5#
89	66.5	33.7	50.5#

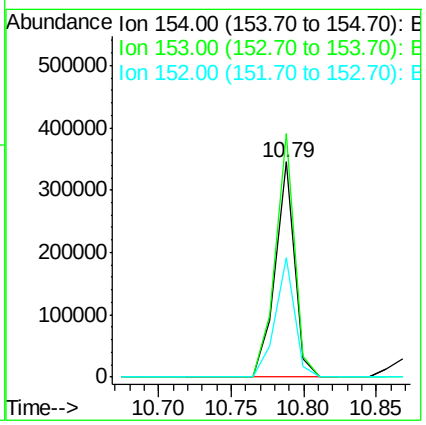


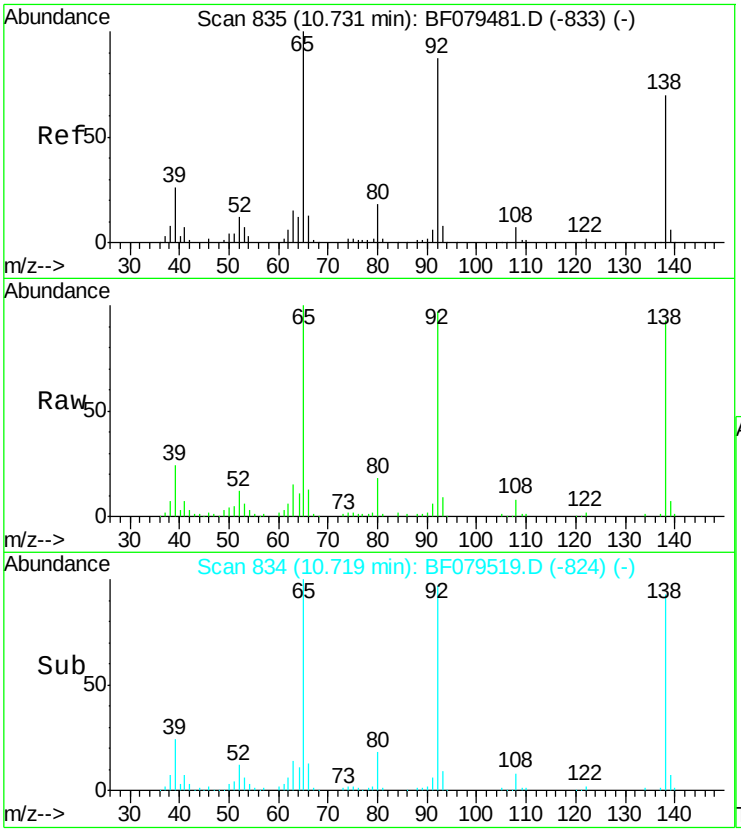


#51
Acenaphthene
Concen: 44.72 ng
RT: 10.79 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion:154 Resp: 319926

Ion	Ratio	Lower	Upper
154	100		
153	113.1	91.1	136.7
152	55.5	44.6	66.8



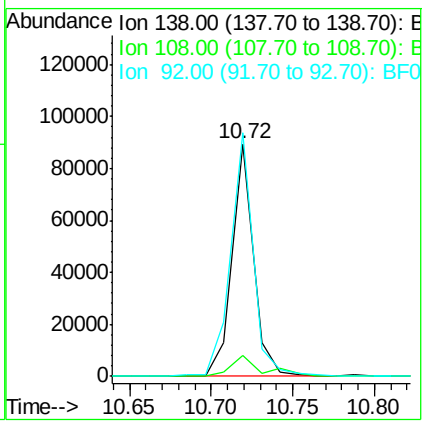


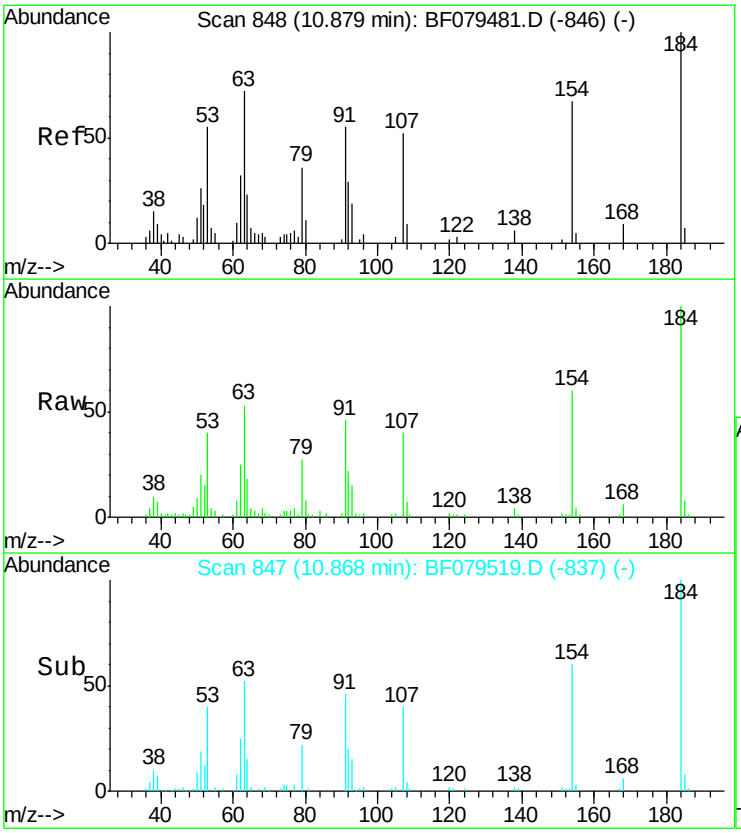
#52
3-Nitroaniline
Concen: 34.72 ng
RT: 10.72 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion:138 Resp: 81224

Ion	Ratio	Lower	Upper
138	100		
108	9.1	8.0	12.0
92	104.8	99.9	149.9

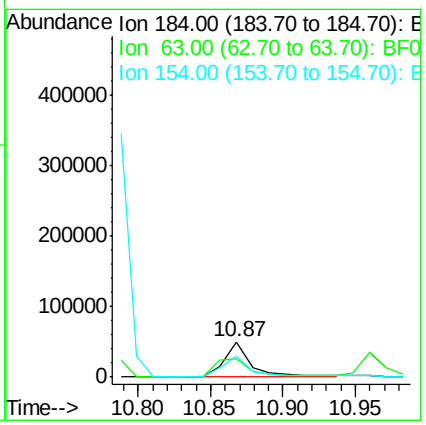


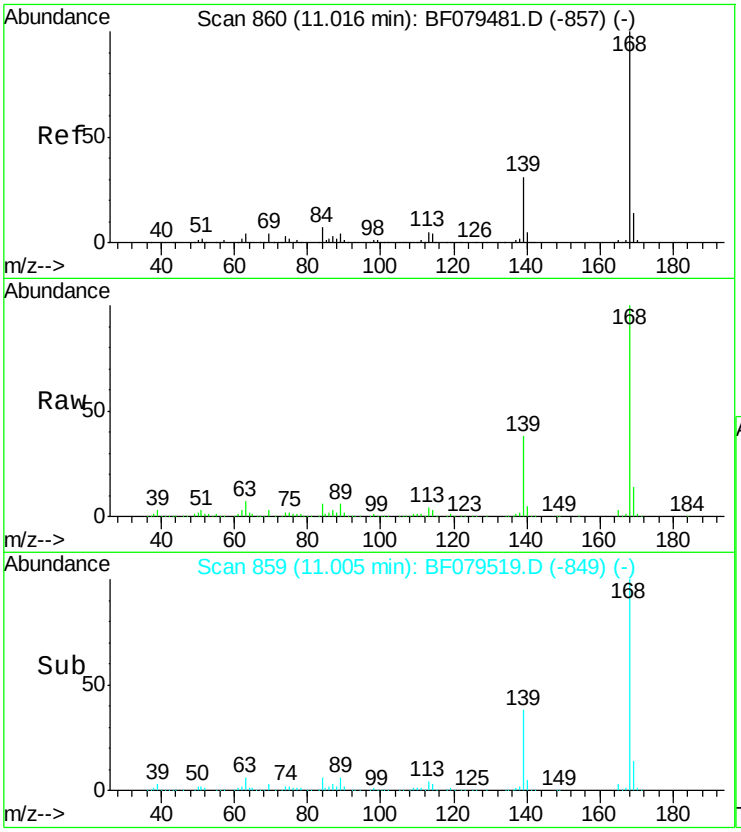


#53
2,4-Dinitrophenol
Concen: 84.36 ng
RT: 10.87 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion:184 Resp: 66790

Ion	Ratio	Lower	Upper
184	100		
63	53.0	57.7	86.5#
154	60.3	53.4	80.2



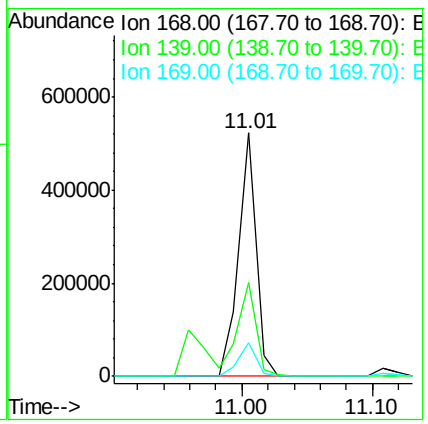


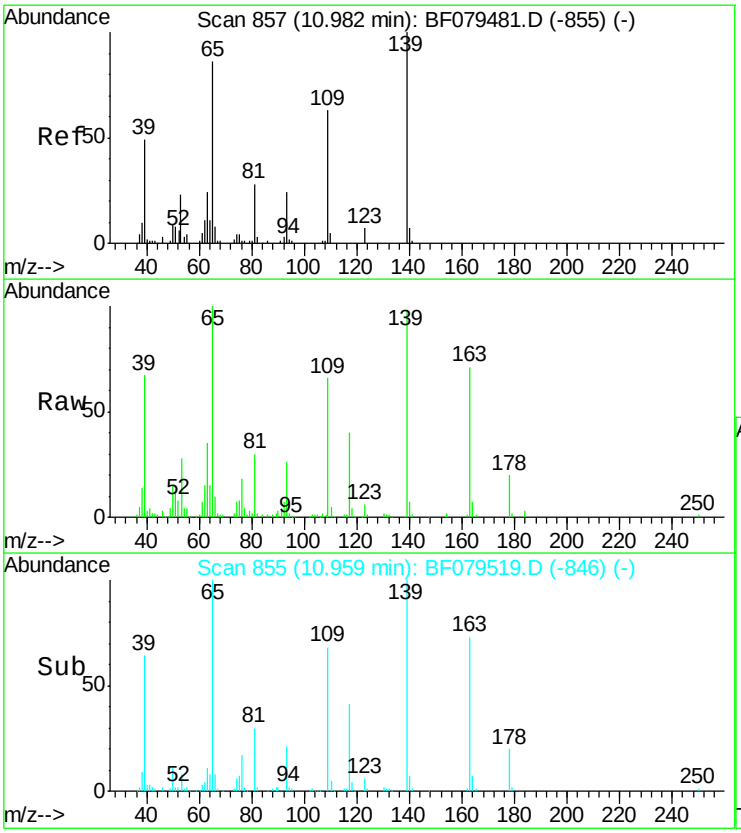
#54
Dibenzofuran
Concen: 46.24 ng
RT: 11.01 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion:168 Resp: 487853

Ion	Ratio	Lower	Upper
168	100		
139	38.3	32.9	49.3
169	13.7	11.1	16.7

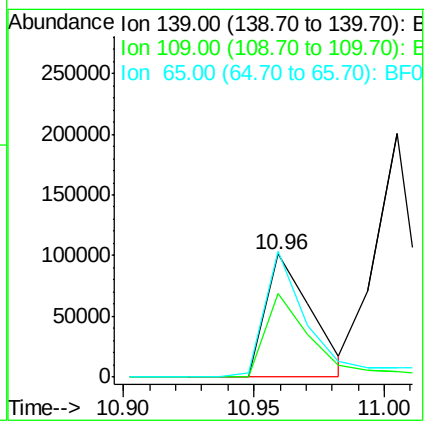


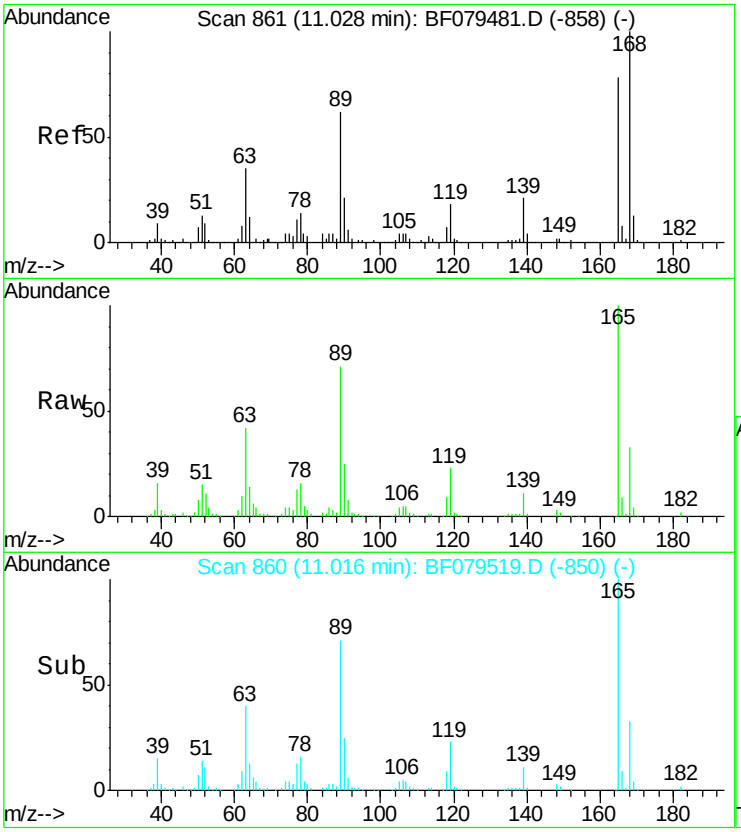


#55
4-Nitrophenol
Concen: 94.37 ng
RT: 10.96 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion:139 Resp: 122421

Ion	Ratio	Lower	Upper
139	100		
109	67.6	42.8	82.8
65	102.4	66.3	106.3



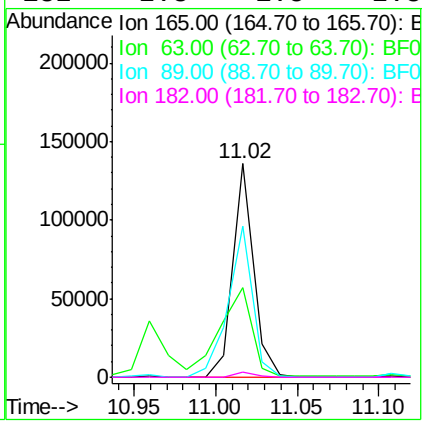


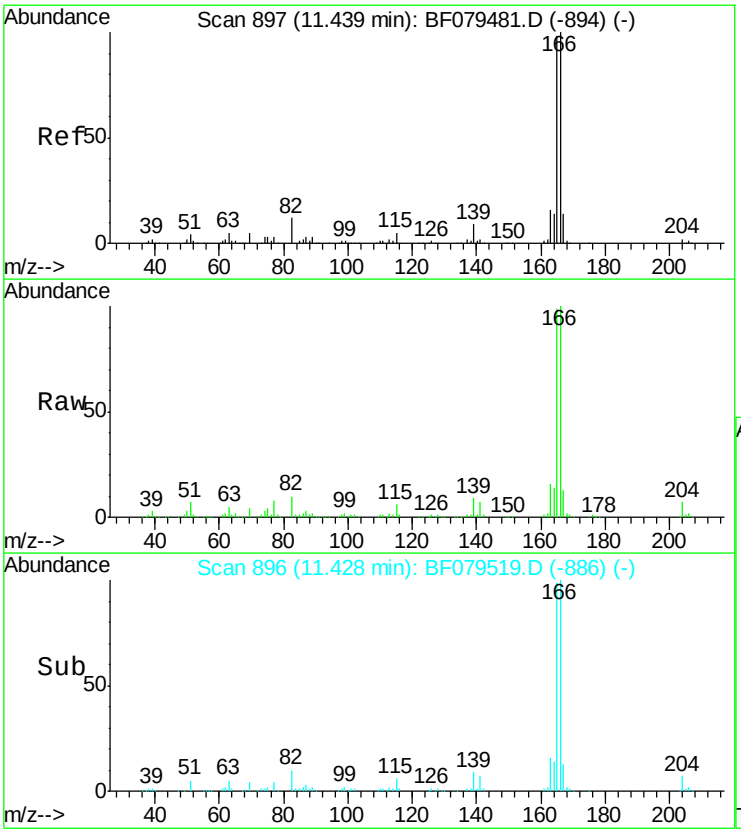
#56
2,4-Dinitrotoluene
Concen: 49.00 ng
RT: 11.02 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion:165 Resp: 118190

Ion	Ratio	Lower	Upper
165	100		
63	42.2	39.5	59.3
89	71.0	64.2	96.4
182	2.3	1.5	2.3





#57
Fluorene
Concen: 46.93 ng
RT: 11.43 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion:166 Resp: 408097

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.6	117.8
167	13.2	10.8	16.2