Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033115\
Data File : BF078118.D
Acq On : 31 Mar 2015 17:10
Operator : TP/IZ
Sample : G1704-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-11(0-10)MS

Quant Time: Apr 01 01:51:46 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 00:51:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	44350	20.00	ng		0.00
21) Naphthalene-d8	8.62	136	185513	20.00	ng		0.00
38) Acenaphthene-d10	10.79	164	96626	20.00	ng		0.00
63) Phenanthrene-d10	12.63	188	186480	20.00	ng		0.00
75) Chrysene-d12	15.92	240	185030	20.00	ng		0.02
86) Perylene-d12	17.69	264	165425	20.00	ng		0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	207121	81.52	ng		0.00
7) Phenol-d6	6.64	99	279242	88.95	ng		0.00
23) Nitrobenzene-d5	7.74	82	163374	57.73	ng		0.00
41) 2,4,6-Tribromophenol	11.77	330	73684	79.70	ng		0.00
44) 2-Fluorobiphenyl	9.97	172	350950	53.38	ng		0.00
78) Terphenyl-d14	14.61	244	398365	52.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.90	88	19061	16.52	ng	#	100
3) Pyridine	2.58	79	36260	11.70	ng		91
4) n-Nitrosodimethylamine	2.49	42	27694m	20.52	ng		
6) Aniline	6.64	93	97720	21.76	ng	#	86
8) 2-Chlorophenol	6.78	128	85693	28.33	ng		91
10) Phenol	6.65	94	111010	29.92	ng		78
11) bis(2-Chloroethyl)ether	6.74	93	78483	28.24	ng		91
12) 1,3-Dichlorobenzene	6.97	146	84766	25.20	ng		99
13) 1,4-Dichlorobenzene	7.07	146	85976	24.60	ng		100
14) 1,2-Dichlorobenzene	7.25	146	81542	25.45	ng		98
15) Benzyl Alcohol	7.24	79	70060	28.59	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.41	45	104979	28.03	ng		98
17) 2-Methylphenol	7.40	107	68756	27.93	ng		96
18) Hexachloroethane	7.66	117	29302	25.56	ng		97
19) n-Nitroso-di-n-propylamine	7.57	70	63424	29.21	ng		94
20) 3+4-Methylphenols	7.60	107	96875	29.99	ng		98
22) Acetophenone	7.56	105	124949	30.42	ng	#	92
24) Nitrobenzene	7.77	77	88172	28.92	ng	#	86
25) Isophorone	8.06	82	167072	29.23	ng		95
26) 2-Nitrophenol	8.16	139	42018	28.15	ng	#	86
27) 2,4-Dimethylphenol	8.24	122	79790	29.34	ng		97
28) bis(2-Chloroethoxy)methane	8.35	93	107972	31.12	ng		100
29) 2,4-Dichlorophenol	8.46	162	81049	31.27	ng		98
30) 1,2,4-Trichlorobenzene	8.56	180	78076	26.92	ng		99
31) Naphthalene	8.65	128	263761	27.68	ng		100
32) Benzoic acid	8.35	122	31657	22.62	ng		97
33) 4-Chloroaniline	8.73	127	96498	24.96	ng	#	92
34) Hexachlorobutadiene	8.81	225	41383	25.18	ng		96
35) Caprolactam	9.15	113	23242	30.68	ng		93
36) 4-Chloro-3-methylphenol	9.36	107	79931	30.65	ng		98
37) 2-Methylnaphthalene	9.50	142	182286	28.48	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.71	216	79409	27.55	ng	#	100
40) Hexachlorocyclopentadiene	9.70	237	67505	48.10	ng		99
42) 2,4,6-Trichlorophenol	9.87	196	52553	26.32	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033115\
Data File : BF078118.D
Acq On : 31 Mar 2015 17:10
Operator : TP/IZ
Sample : G1704-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-11(0-10)MS

Quant Time: Apr 01 01:51:46 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 00:51:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.92	196	61978	28.74	ng	#	91
45) 1,1'-Biphenyl	10.09	154	217780	28.19	ng		99
46) 2-Chloronaphthalene	10.11	162	175647	27.98	ng		98
47) 2-Nitroaniline	10.25	65	46964	30.12	ng		92
48) Acenaphthylene	10.61	152	278566	26.69	ng		99
49) Dimethylphthalate	10.49	163	241952	33.76	ng		98
50) 2,6-Dinitrotoluene	10.56	165	45949	30.93	ng	#	86
51) Acenaphthene	10.83	154	163819	27.37	ng		99
52) 3-Nitroaniline	10.76	138	45571	26.41	ng		92
53) 2,4-Dinitrophenol	10.90	184	26477	51.69	ng	#	64
54) Dibenzofuran	11.05	168	256248	28.87	ng		99
55) 4-Nitrophenol	10.99	139	69071	54.05	ng	#	76
56) 2,4-Dinitrotoluene	11.05	165	59814	30.88	ng	#	89
57) Fluorene	11.47	166	208098	28.23	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.21	232	46858	28.22	ng	#	100
59) Diethylphthalate	11.36	149	205344	29.41	ng		96
60) 4-Chlorophenyl-phenylether	11.48	204	97548	29.00	ng		98
61) 4-Nitroaniline	11.51	138	46942	27.30	ng	#	70
62) Azobenzene	11.68	77	196468	29.44	ng		99
64) 4,6-Dinitro-2-methylphenol	11.55	198	22709	27.78	ng		82
65) n-Nitrosodiphenylamine	11.63	169	178092	28.68	ng		99
66) 4-Bromophenyl-phenylether	12.09	248	57301	28.79	ng		98
67) Hexachlorobenzene	12.13	284	58853	26.91	ng	#	73
68) Atrazine	12.31	200	53183	30.56	ng		94
69) Pentachlorophenol	12.40	266	52664	47.29	ng		97
70) Phenanthrene	12.65	178	297890	27.83	ng		100
71) Anthracene	12.72	178	301037	28.46	ng		99
72) Carbazole	12.93	167	291934	29.02	ng		97
73) Di-n-butylphthalate	13.39	149	341438	30.27	ng		99
74) Fluoranthene	14.12	202	315355	26.71	ng		95
76) Benzidine	14.32	184	52725	11.17	ng		99
77) Pyrene	14.40	202	331627	28.50	ng		99
79) Butylbenzylphthalate	15.24	149	135553	29.55	ng		89
80) Benzo(a)anthracene	15.89	228	314173	28.64	ng		99
81) 3,3'-Dichlorobenzidine	15.88	252	96440	26.66	ng	#	99
82) Chrysene	15.94	228	287132	29.11	ng		99
83) Bis(2-ethylhexyl)phthalate	15.97	149	216235	31.12	ng	#	95
84) Di-n-octyl phthalate	16.80	149	351992	29.63	ng		100
85) Indeno(1,2,3-cd)pyrene	19.04	276	300749	24.43	ng	#	100
87) Benzo(b)fluoranthene	17.23	252	337089	31.21	ng		98
88) Benzo(k)fluoranthene	17.27	252	226346m	26.83	ng		
89) Benzo(a)pyrene	17.62	252	263003	29.19	ng	#	96
90) Dibenzo(a,h)anthracene	19.07	278	248119m	27.76	ng		
91) Benzo(g,h,i)perylene	19.43	276	250702m	27.55	ng		

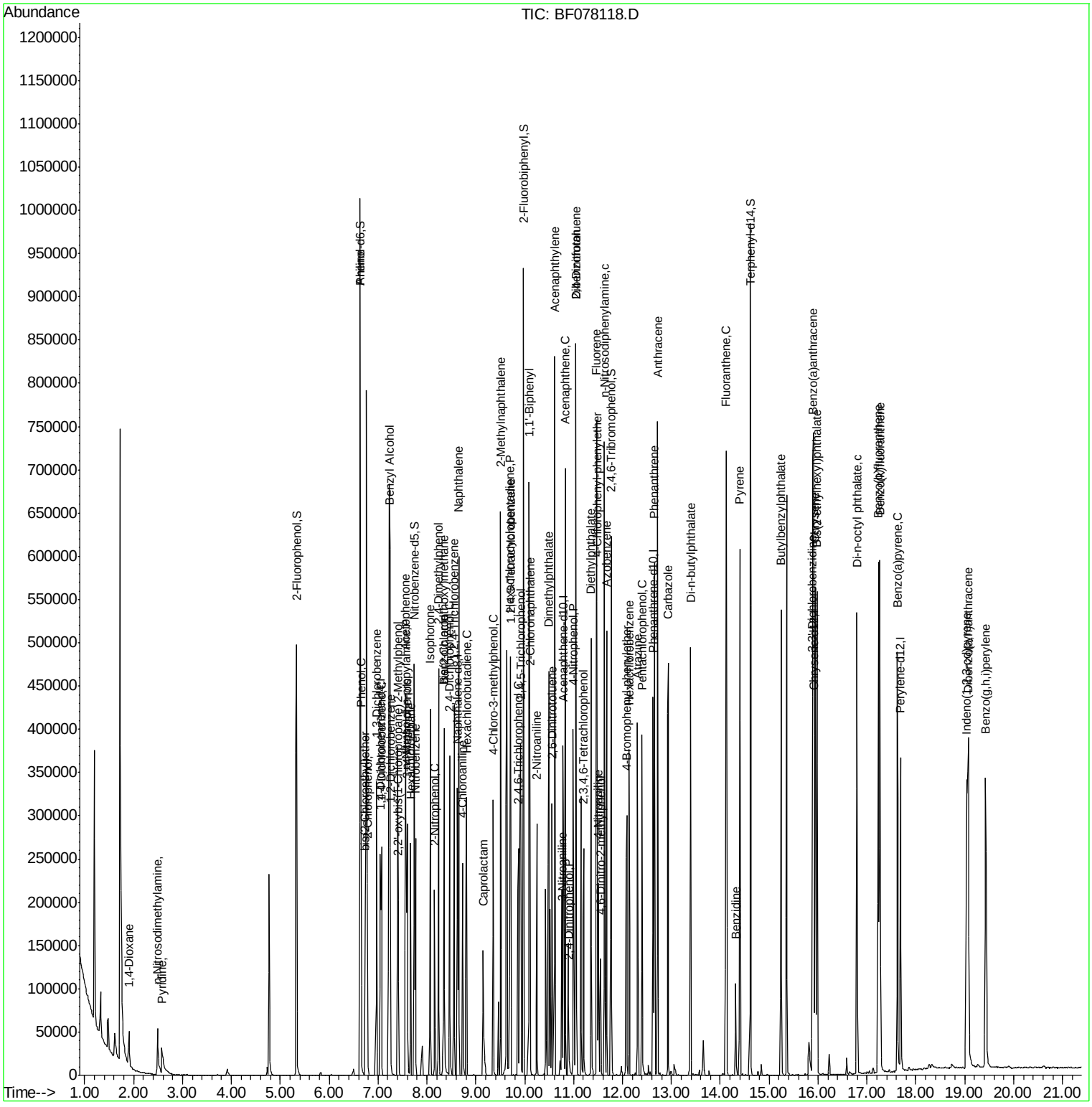
(#) = qualifier out of range (m) = manual integration (+) = signals summed

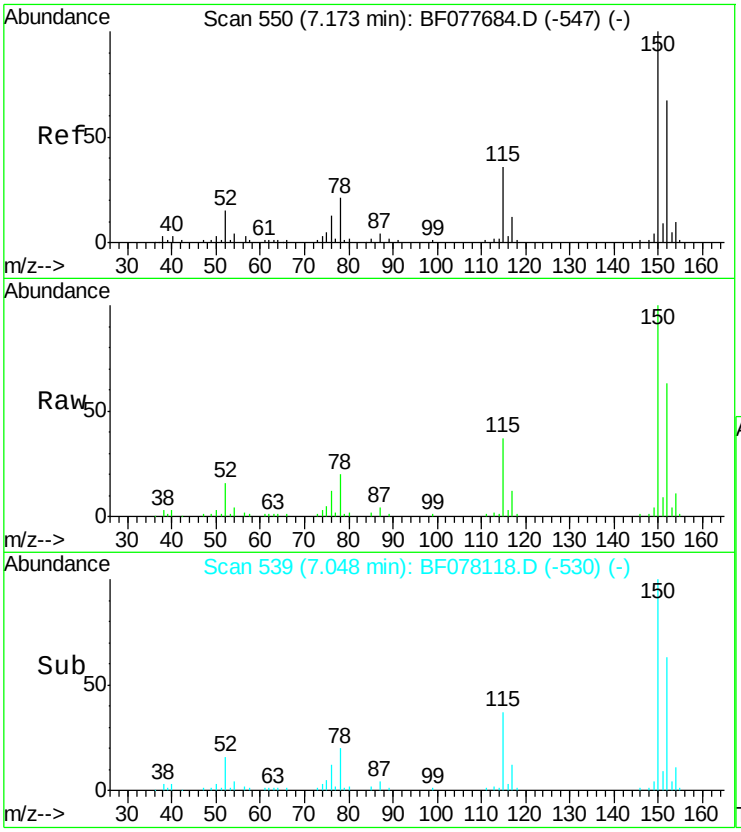
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033115\
Data File : BF078118.D
Acq On : 31 Mar 2015 17:10
Operator : TP/IZ
Sample : G1704-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Quant Time: Apr 01 01:51:46 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 00:51:03 2015
Response via : Initial Calibration



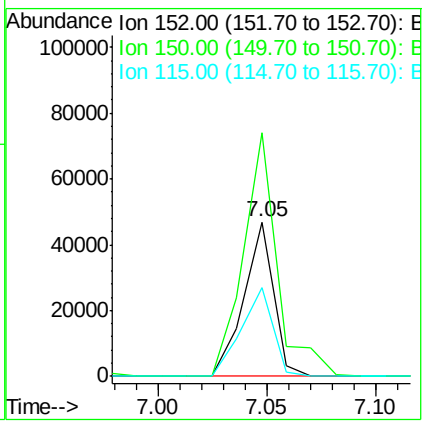


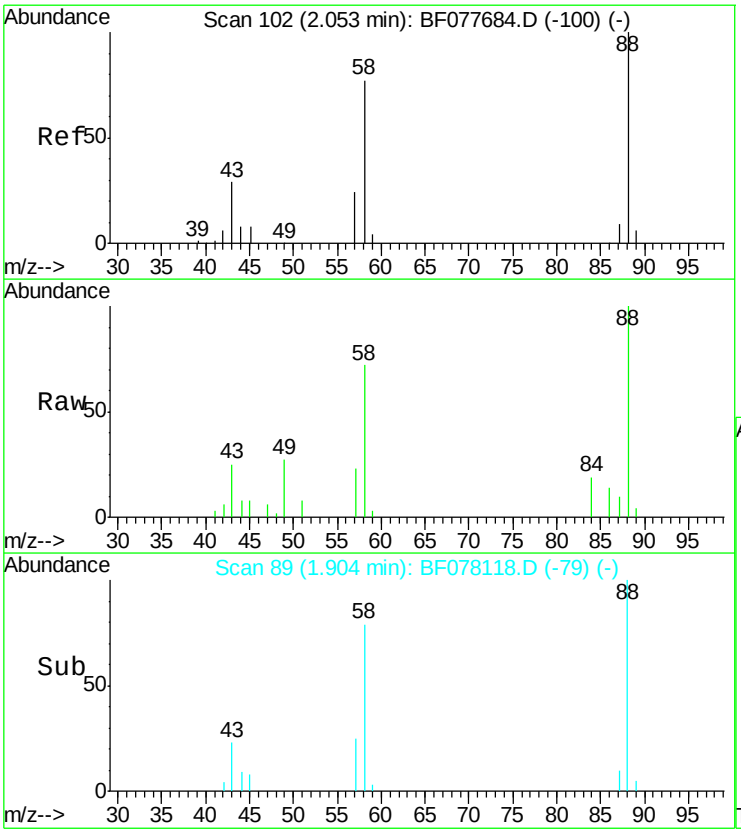
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.05 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:152 Resp: 44350

Ion	Ratio	Lower	Upper
152	100		
150	157.6	119.5	179.3
115	57.8	43.0	64.4

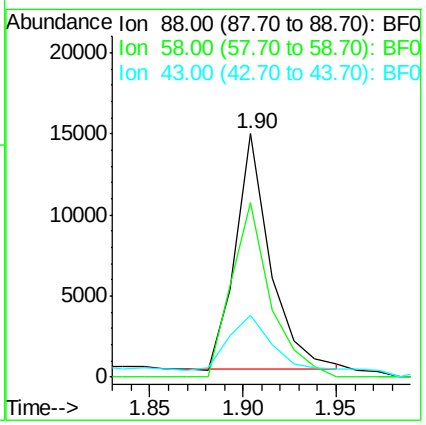


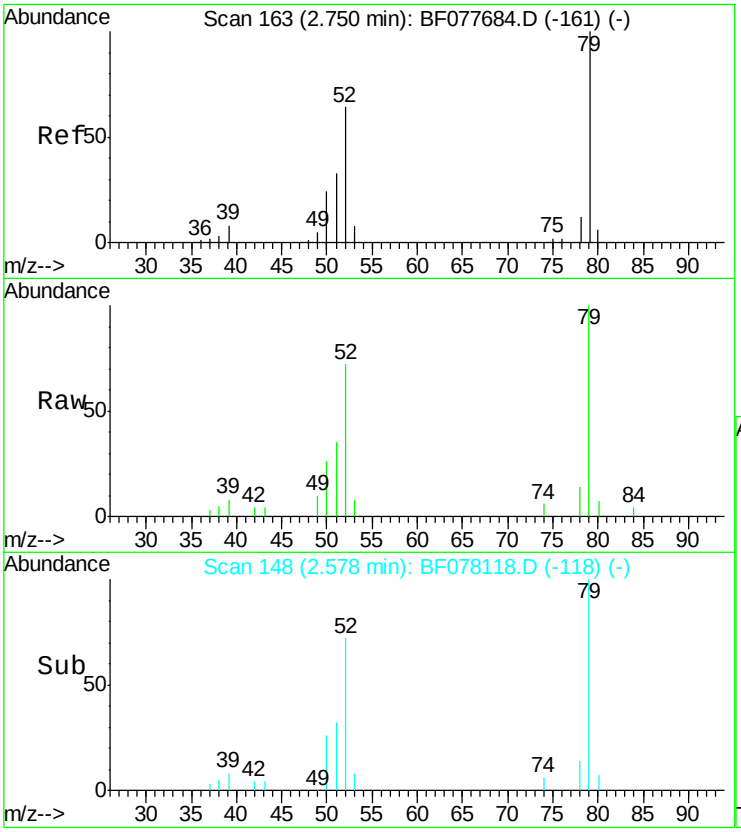


#2
1,4-Dioxane
Concen: 16.52 ng
RT: 1.90 min Scan# 89
Delta R.T. 0.01 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion: 88 Resp: 19061

Ion	Ratio	Lower	Upper
88	100		
58	82.1	0.0	0.0#
43	27.4	0.0	0.0#



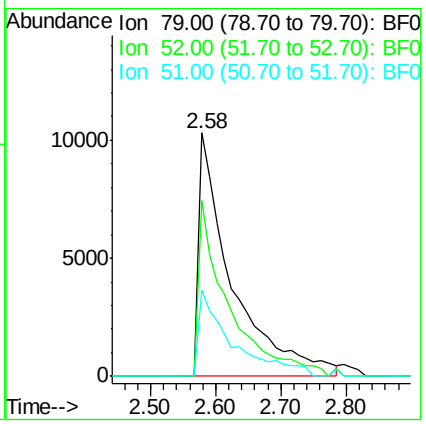


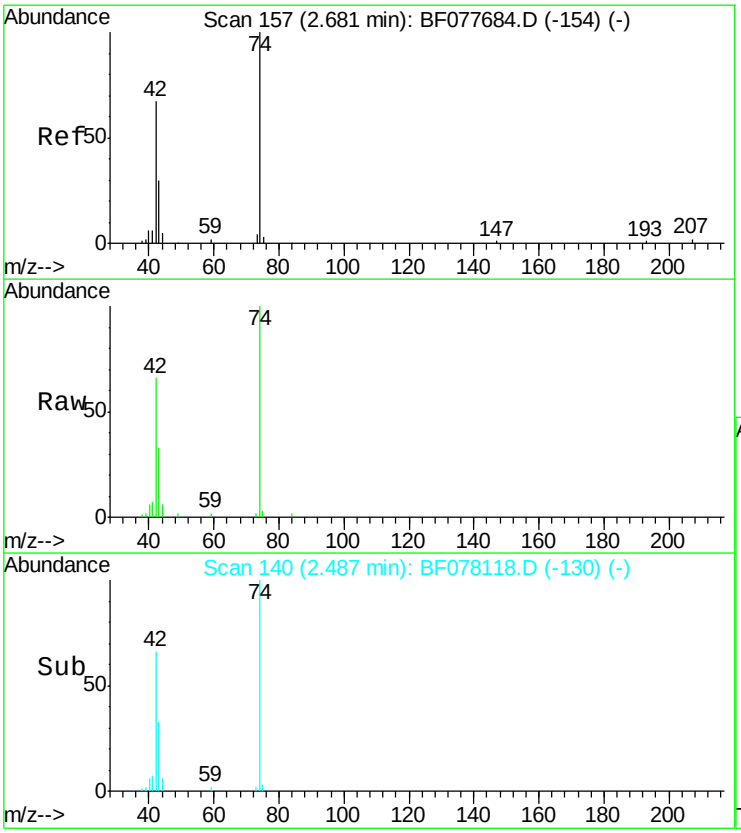
#3
Pyridine
Concen: 11.70 ng
RT: 2.58 min Scan# 148
Delta R.T. 0.05 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion: 79 Resp: 36260

Ion	Ratio	Lower	Upper
79	100		
52	72.1	51.1	76.7
51	35.4	26.1	39.1

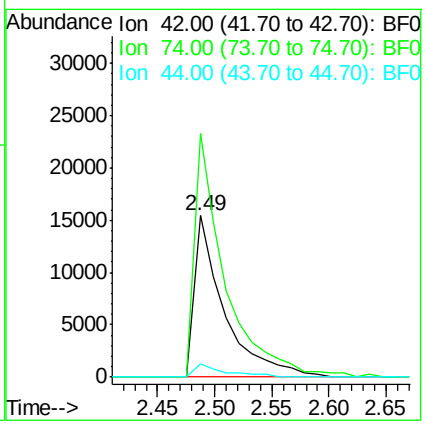


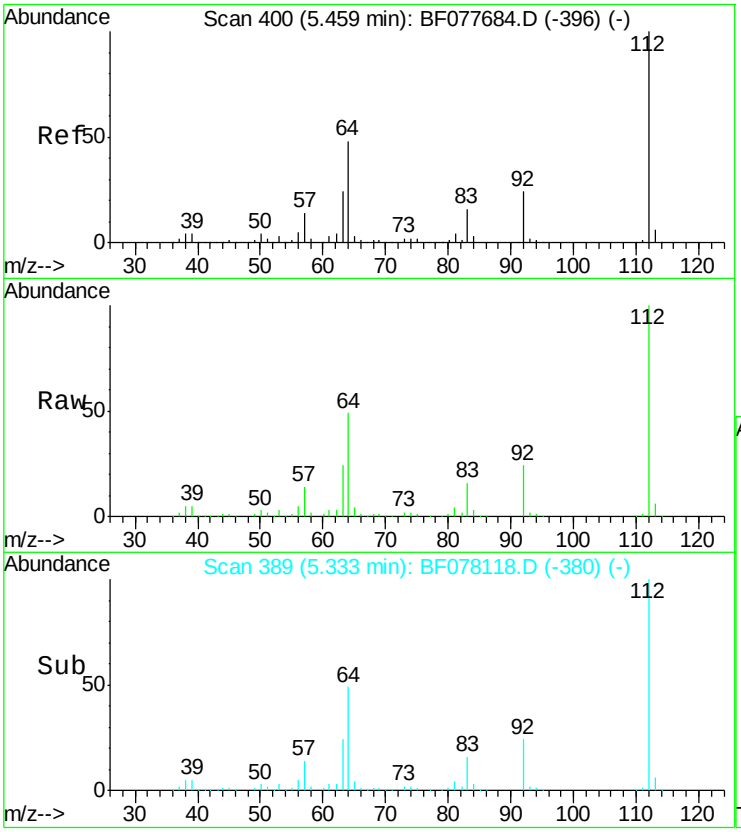


#4
n-Nitrosodimethylamine
Concen: 20.52 ng m
RT: 2.49 min Scan# 140
Delta R.T. 0.01 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion: 42 Resp: 27694

Ion	Ratio	Lower	Upper
42	100		
74	151.0	119.3	178.9
44	8.6	5.4	8.2#



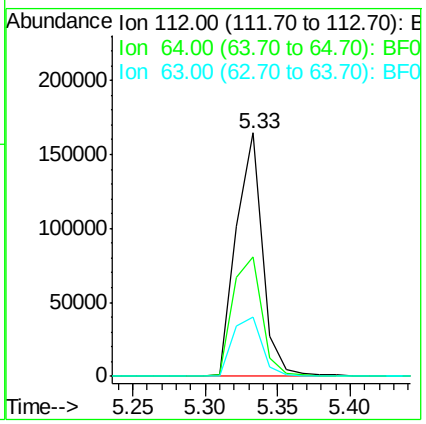


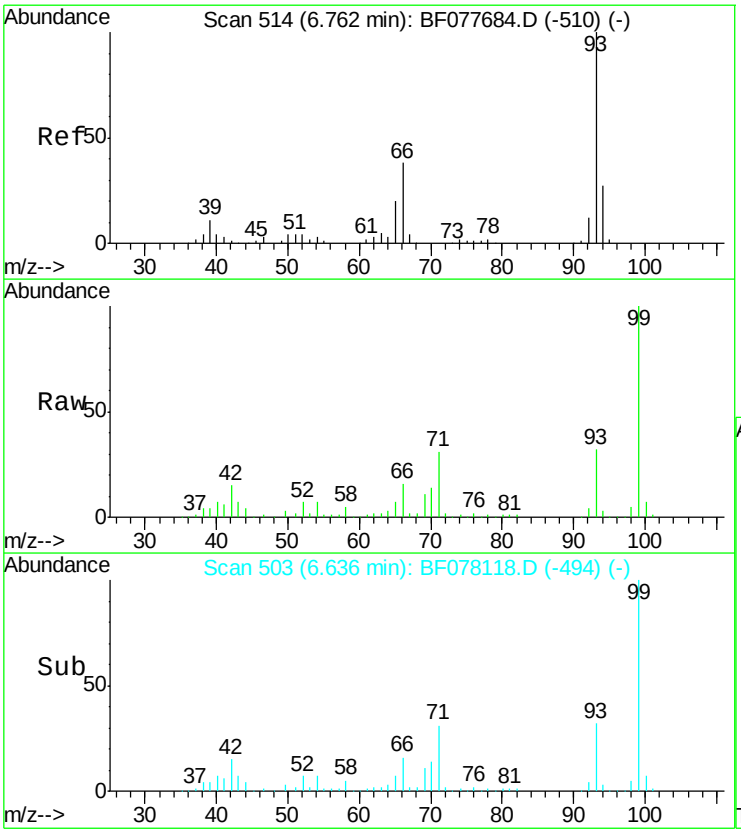
#5
2-Fluorophenol
Concen: 81.52 ng
RT: 5.33 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:112 Resp: 207121

Ion	Ratio	Lower	Upper
112	100		
64	49.2	38.6	57.8
63	24.4	19.3	28.9

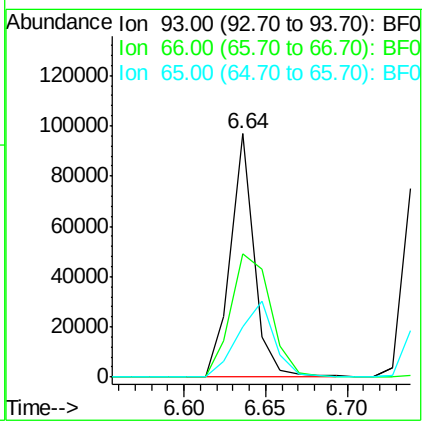


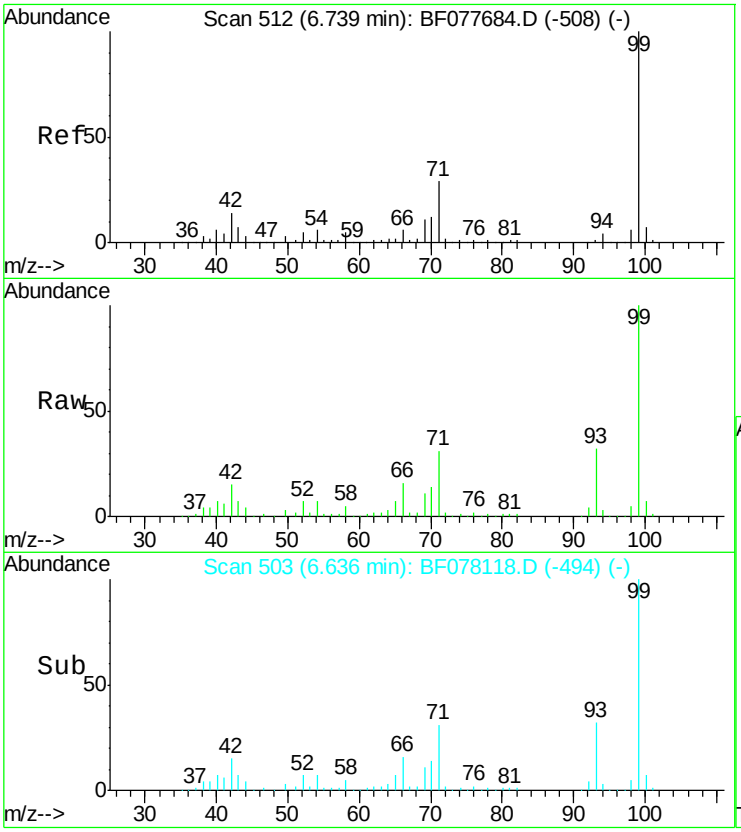


#6
Aniline
Concen: 21.76 ng
RT: 6.64 min Scan# 503
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion: 93 Resp: 97720

Ion	Ratio	Lower	Upper
93	100		
66	50.8	30.8	46.2#
65	20.6	16.0	24.0



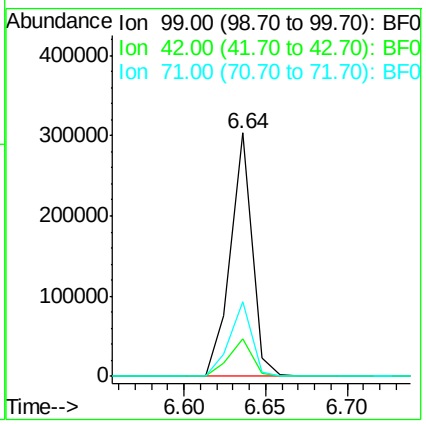


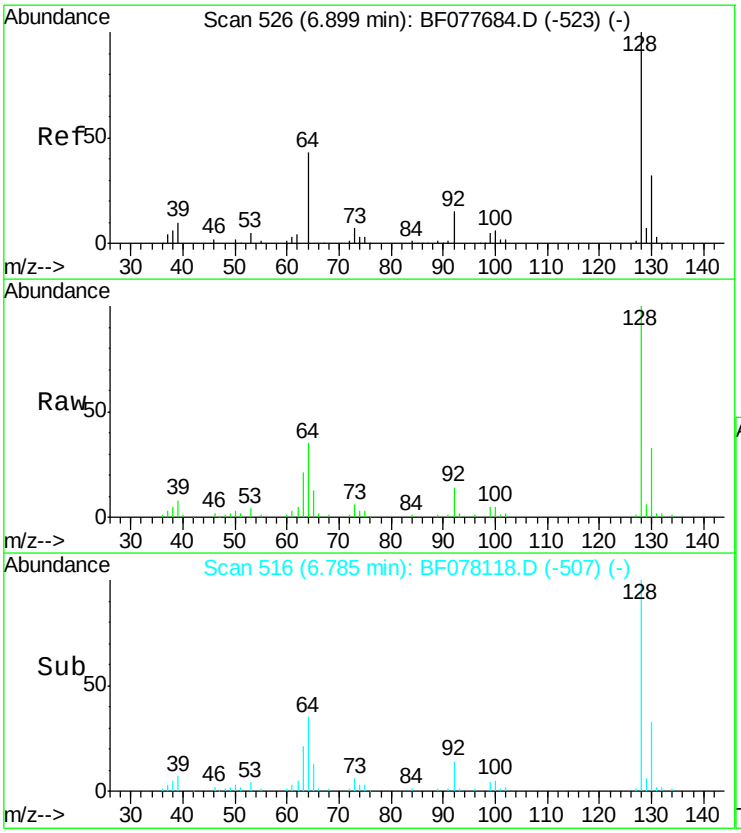
#7
Phenol-d6
Concen: 88.95 ng
RT: 6.64 min Scan# 503
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion: 99 Resp: 279242

Ion	Ratio	Lower	Upper
99	100		
42	15.5	11.0	16.4
71	30.8	23.4	35.2

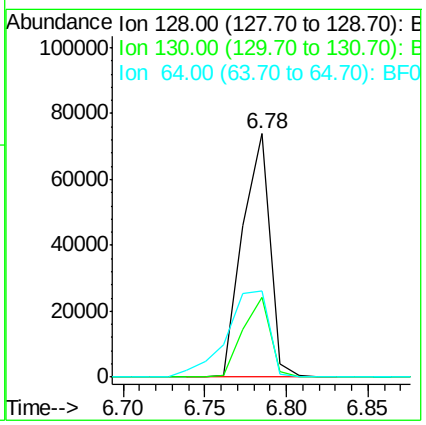


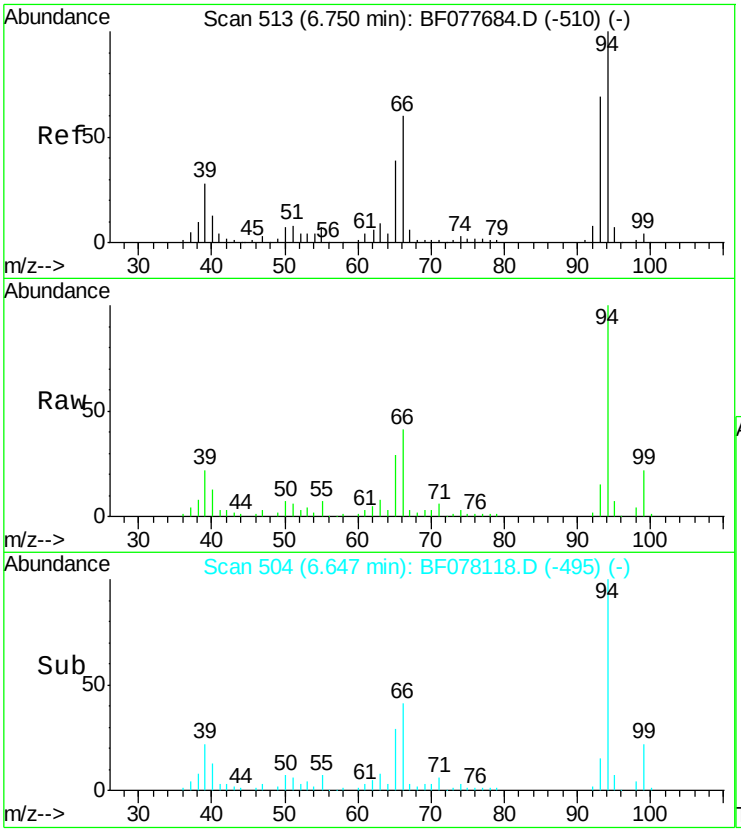


#8
2-Chlorophenol
Concen: 28.33 ng
RT: 6.78 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:128 Resp: 85693

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.0	52.0
64	35.3	24.9	64.9



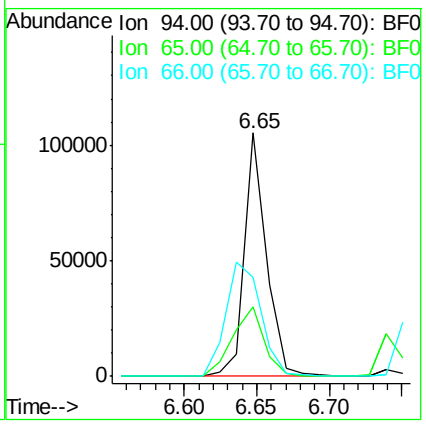


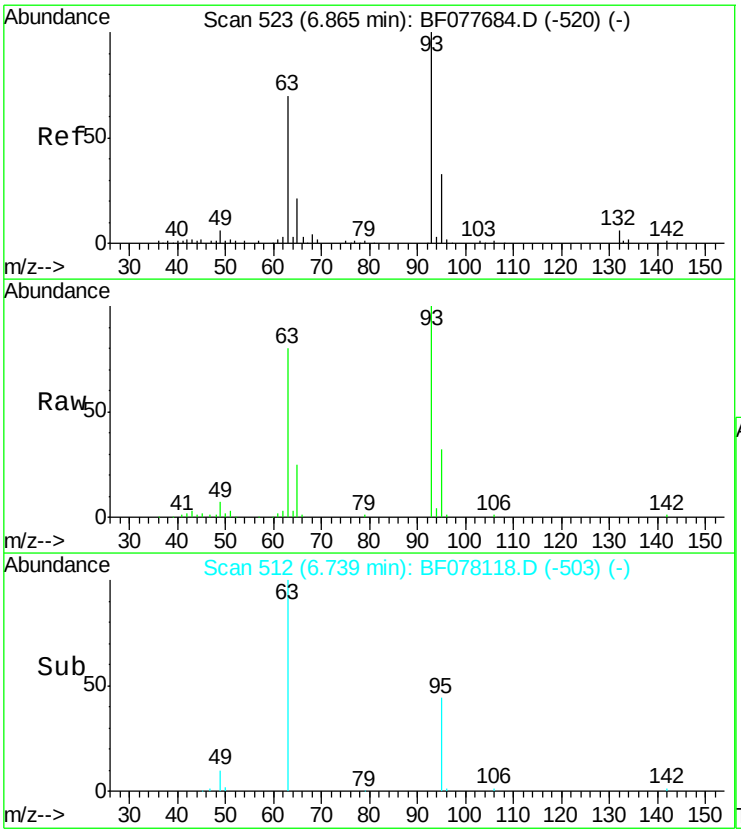
#10
Phenol
Concen: 29.92 ng
RT: 6.65 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion: 94 Resp: 111010

Ion	Ratio	Lower	Upper
94	100		
65	28.7	18.8	58.8
66	40.6	39.9	79.9

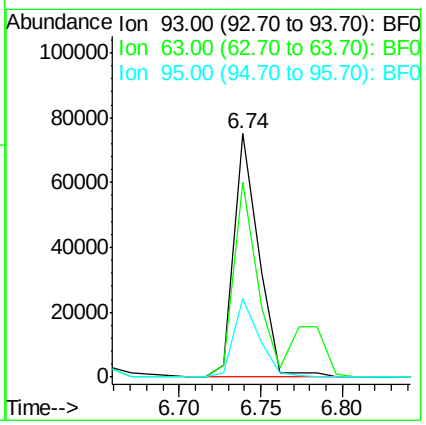


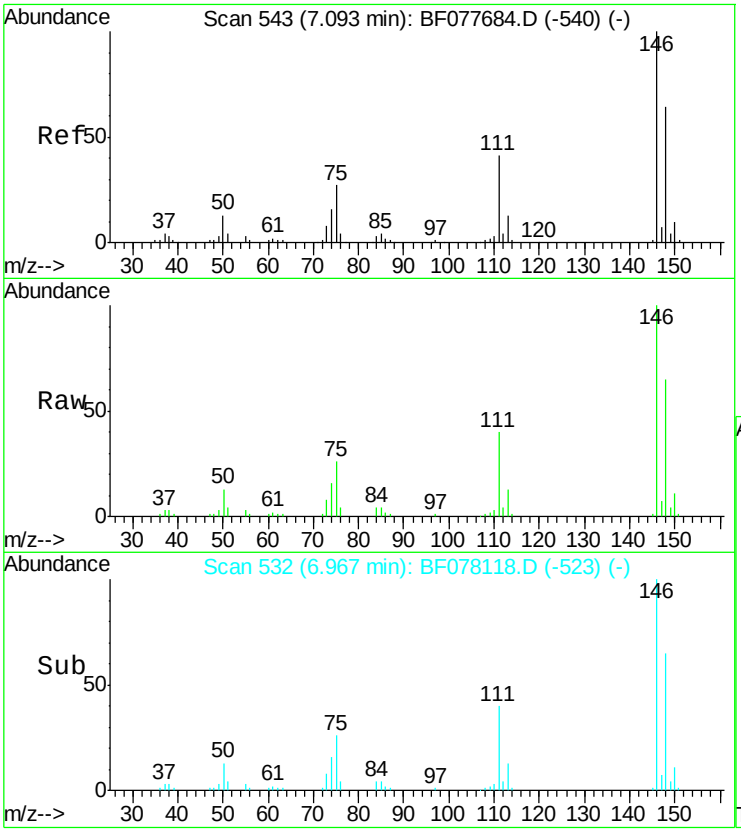


#11
bis(2-Chloroethyl)ether
Concen: 28.24 ng
RT: 6.74 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion: 93 Resp: 78483

Ion	Ratio	Lower	Upper
93	100		
63	80.0	49.5	89.5
95	32.3	13.5	53.5



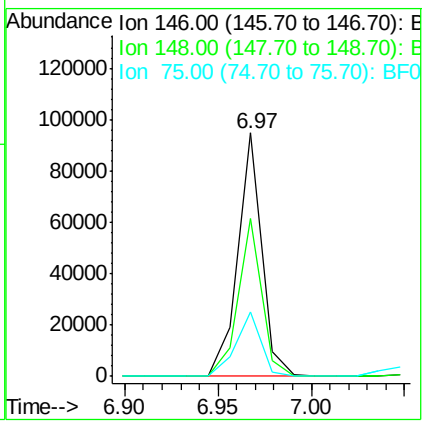


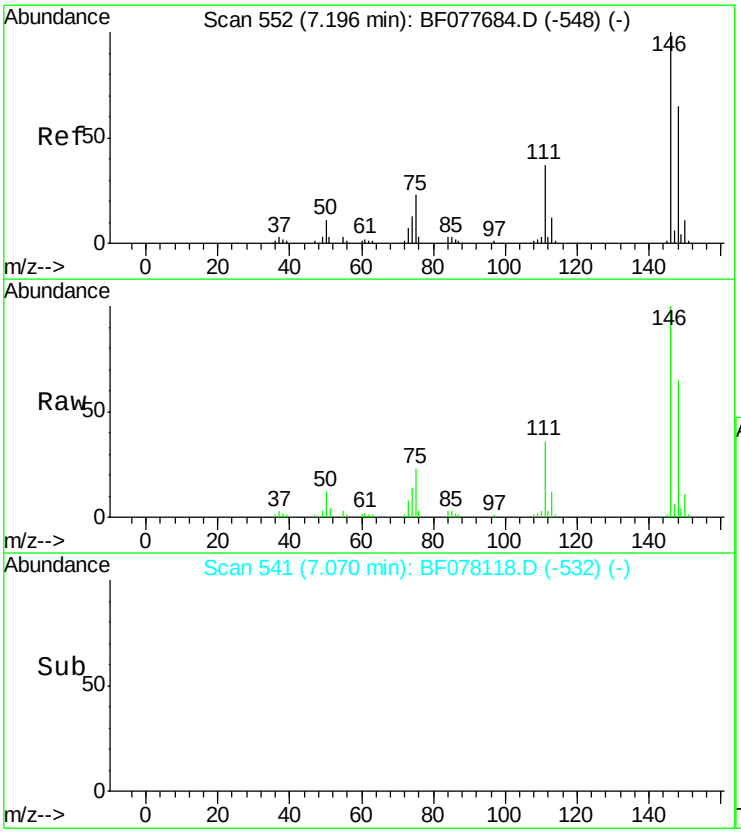
#12
1,3-Dichlorobenzene
Concen: 25.20 ng
RT: 6.97 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:146 Resp: 84766

Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.9	76.3
75	26.3	21.4	32.2

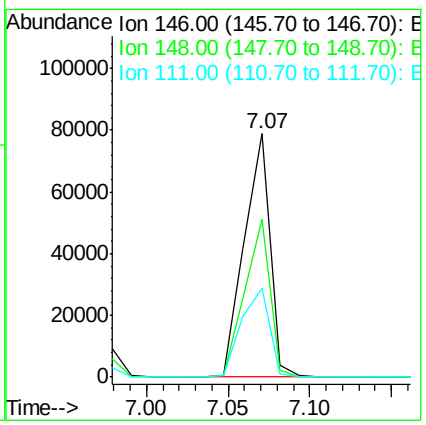


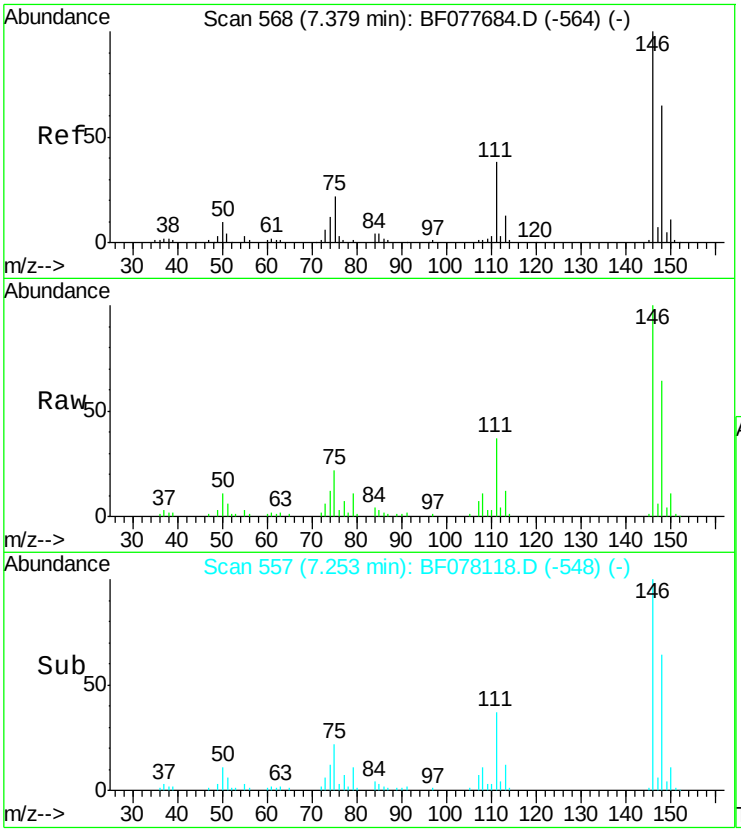


#13
1,4-Dichlorobenzene
Concen: 24.60 ng
RT: 7.07 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:146 Resp: 85976

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
111	36.3	29.2	43.8



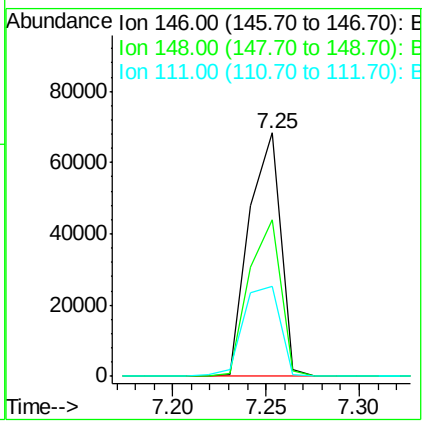


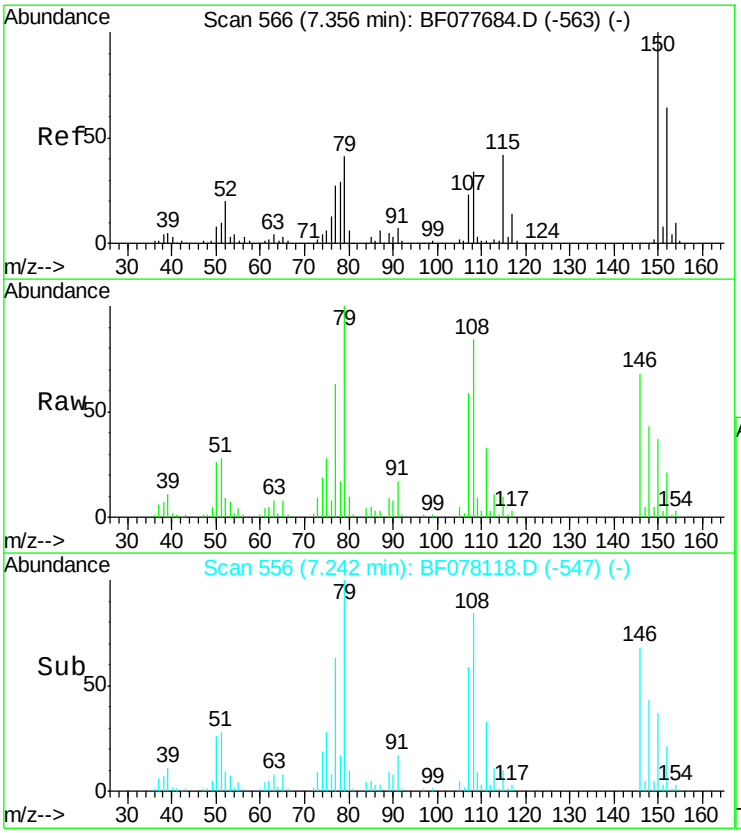
#14
1,2-Dichlorobenzene
Concen: 25.45 ng
RT: 7.25 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:146 Resp: 81542

Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.3	78.5
111	36.8	30.6	45.8

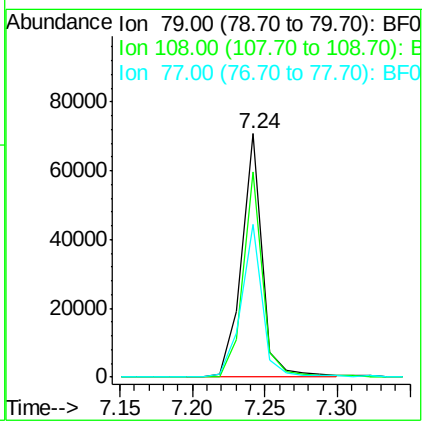


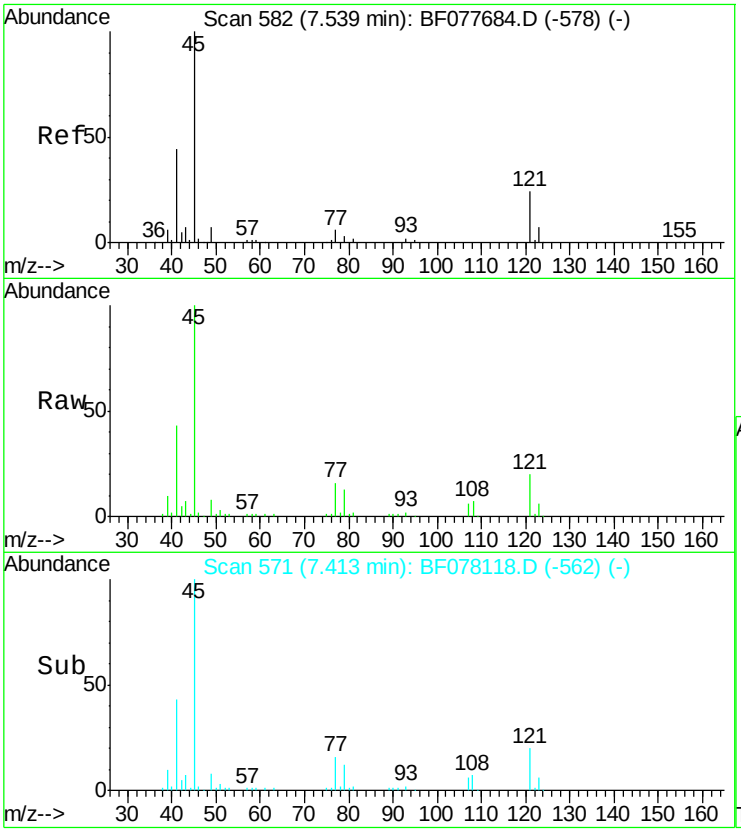


#15
Benzyl Alcohol
Concen: 28.59 ng
RT: 7.24 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion: 79 Resp: 70060

Ion	Ratio	Lower	Upper
79	100		
108	84.3	65.0	97.4
77	62.8	53.0	79.6



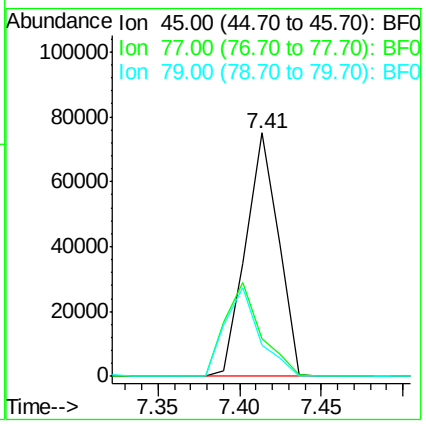


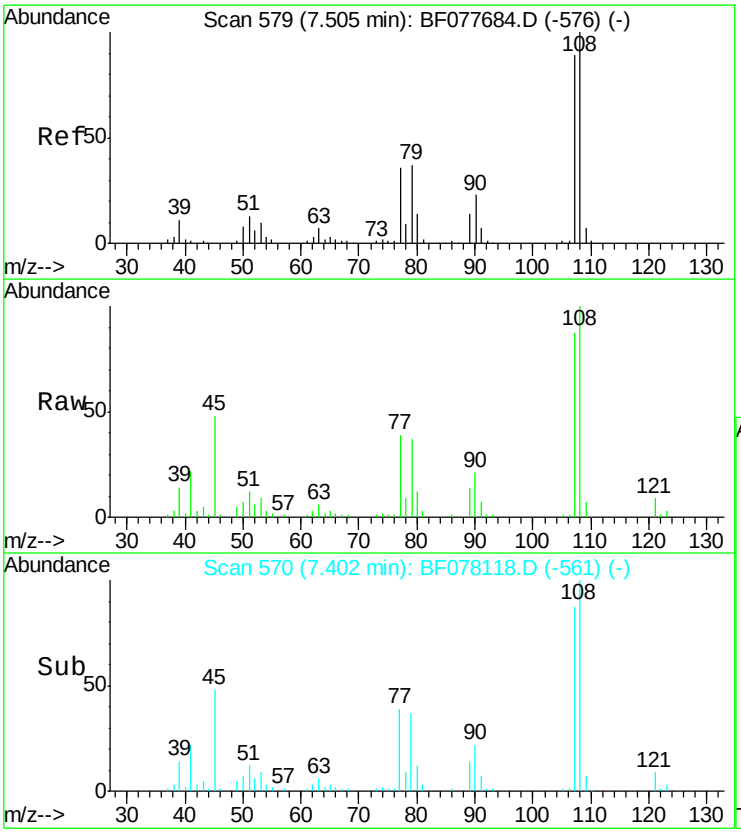
#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.03 ng
RT: 7.41 min Scan# 571
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion: 45 Resp: 104979

Ion	Ratio	Lower	Upper
45	100		
77	15.7	0.0	35.2
79	13.0	0.0	32.0

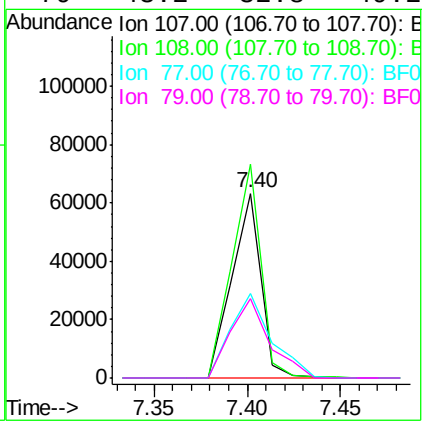


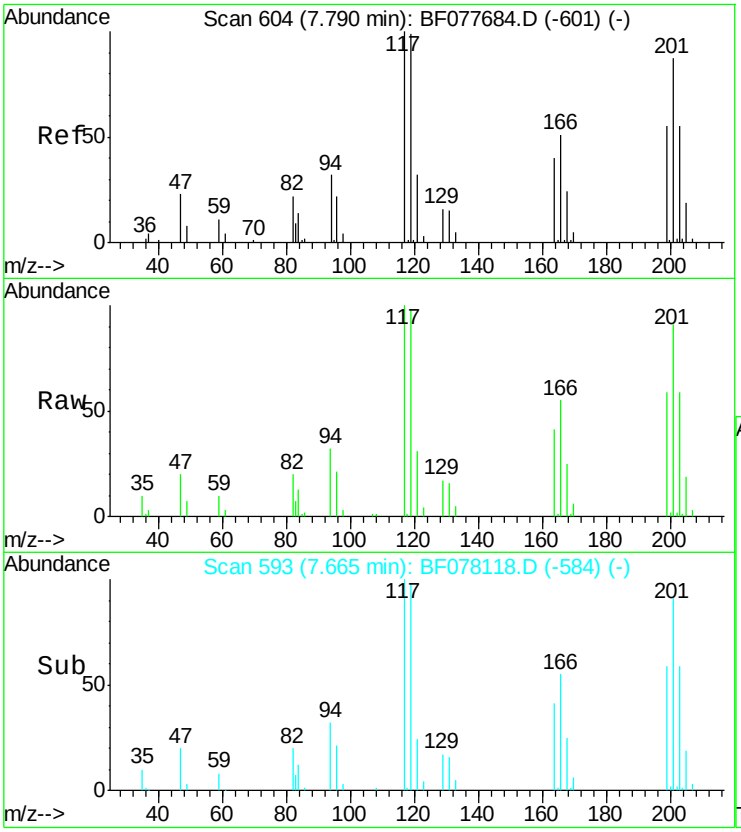


#17
2-Methylphenol
Concen: 27.93 ng
RT: 7.40 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:107 Resp: 68756

Ion	Ratio	Lower	Upper
107	100		
108	115.5	89.8	134.8
77	45.4	32.6	48.8
79	43.2	32.8	49.2



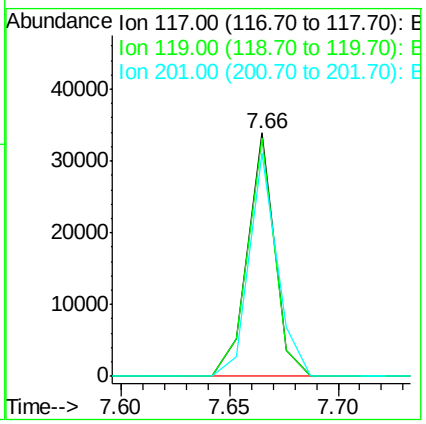


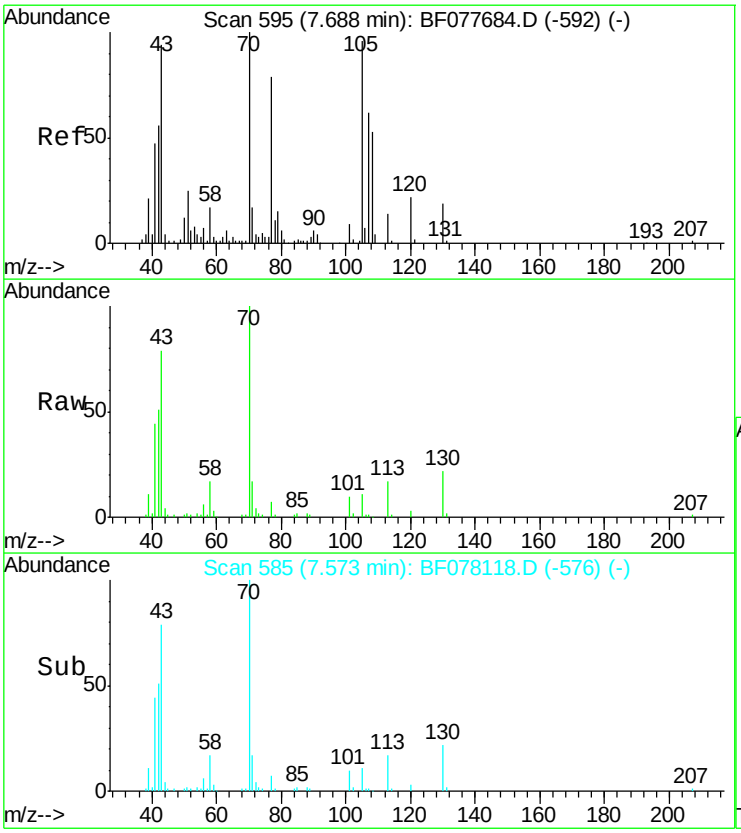
#18
Hexachloroethane
Concen: 25.56 ng
RT: 7.66 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:117 Resp: 29302

Ion	Ratio	Lower	Upper
117	100		
119	98.1	79.2	118.8
201	91.5	69.8	104.6

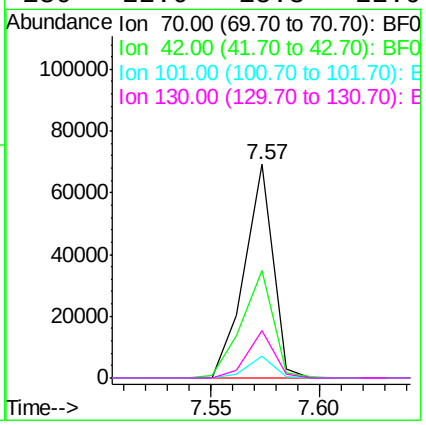


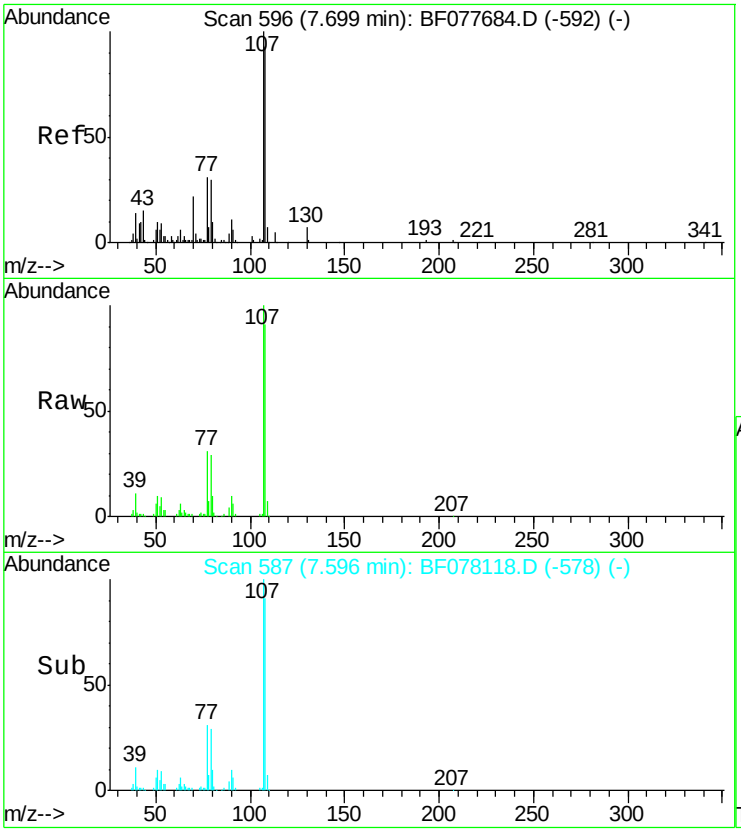


#19
n-Nitroso-di-n-propylamine
Concen: 29.21 ng
RT: 7.57 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion: 70 Resp: 63424

Ion	Ratio	Lower	Upper
70	100		
42	50.5	44.5	66.7
101	10.1	7.4	11.2
130	22.0	15.3	22.9



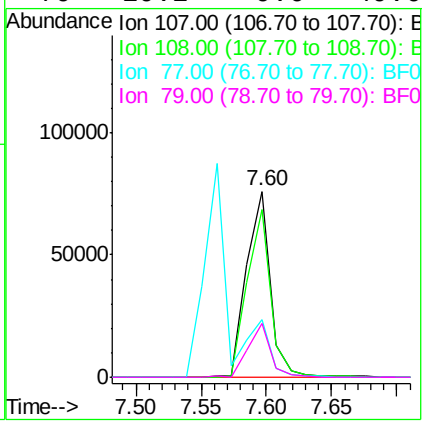


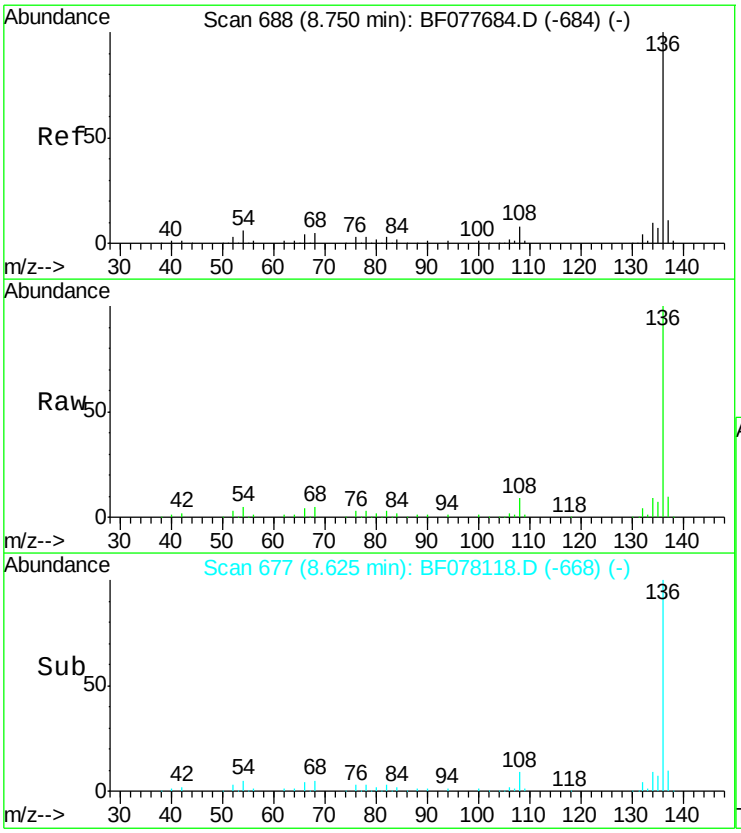
#20
3+4-Methylphenols
Concen: 29.99 ng
RT: 7.60 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:107 Resp: 96875

Ion	Ratio	Lower	Upper
107	100		
108	90.6	73.2	113.2
77	30.9	10.7	50.7
79	29.2	9.6	49.6

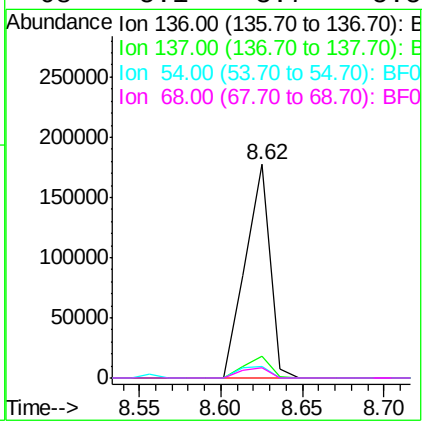


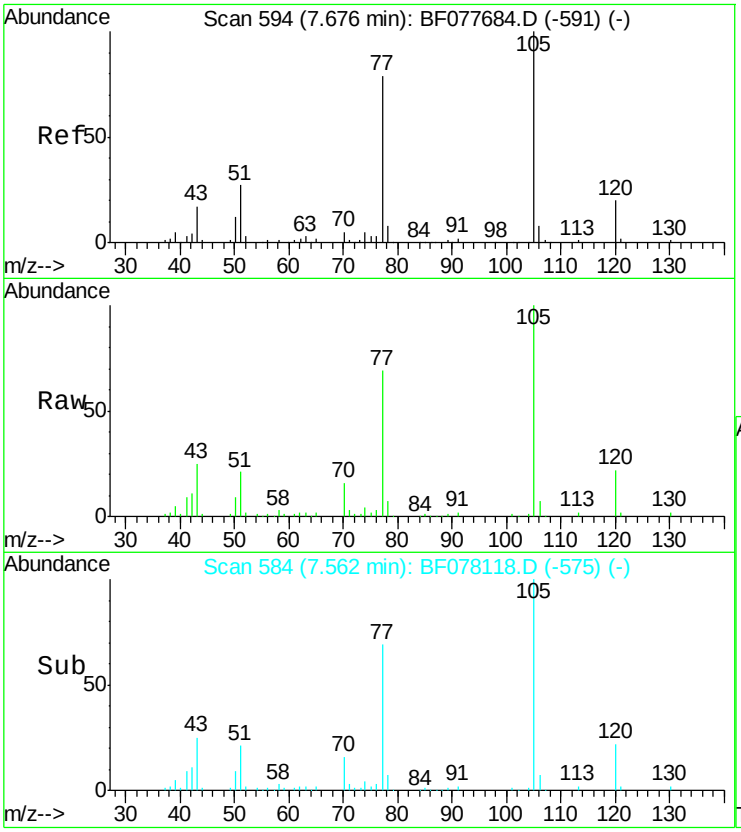


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:136 Resp: 185513

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	5.4	4.6	6.8
68	5.1	3.7	5.5



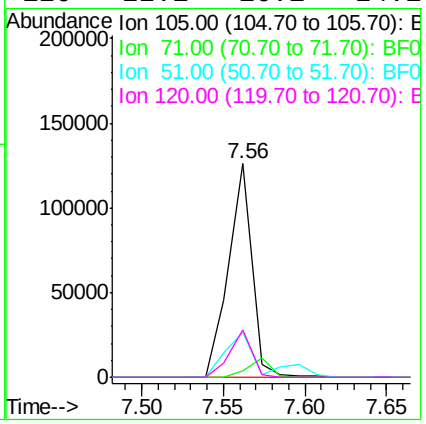


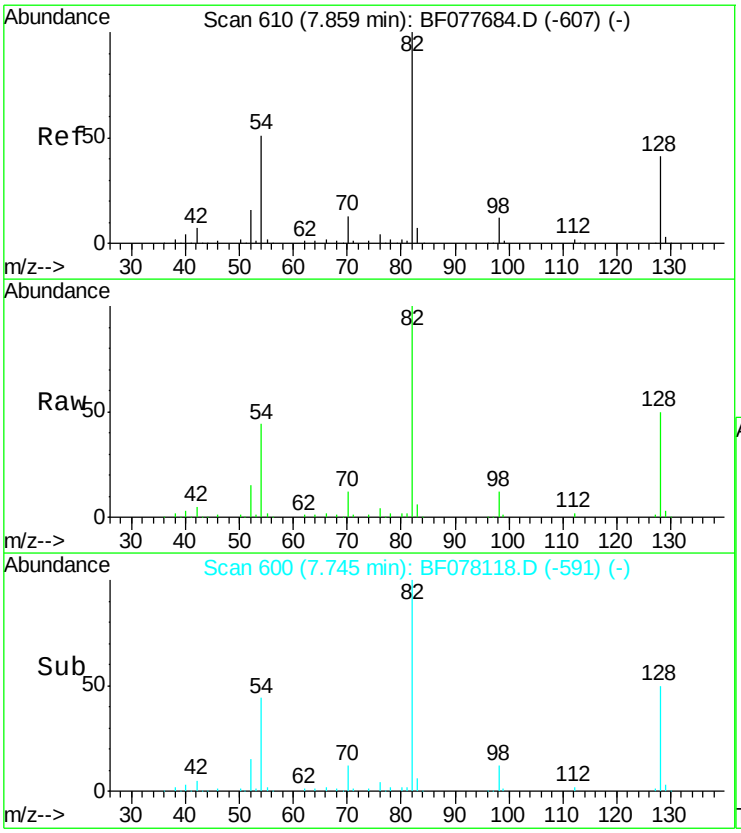
#22
Acetophenone
Concen: 30.42 ng
RT: 7.56 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:105 Resp: 124949

Ion	Ratio	Lower	Upper
105	100		
71	2.7	0.6	1.0#
51	21.2	21.6	32.4#
120	22.1	16.1	24.1

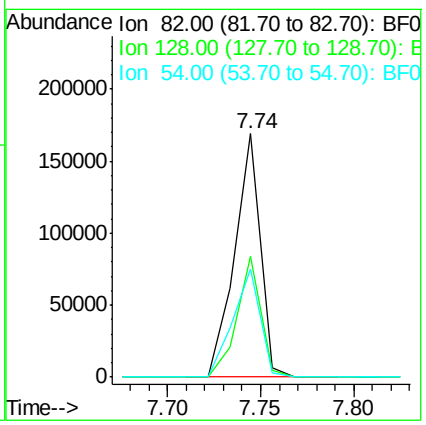


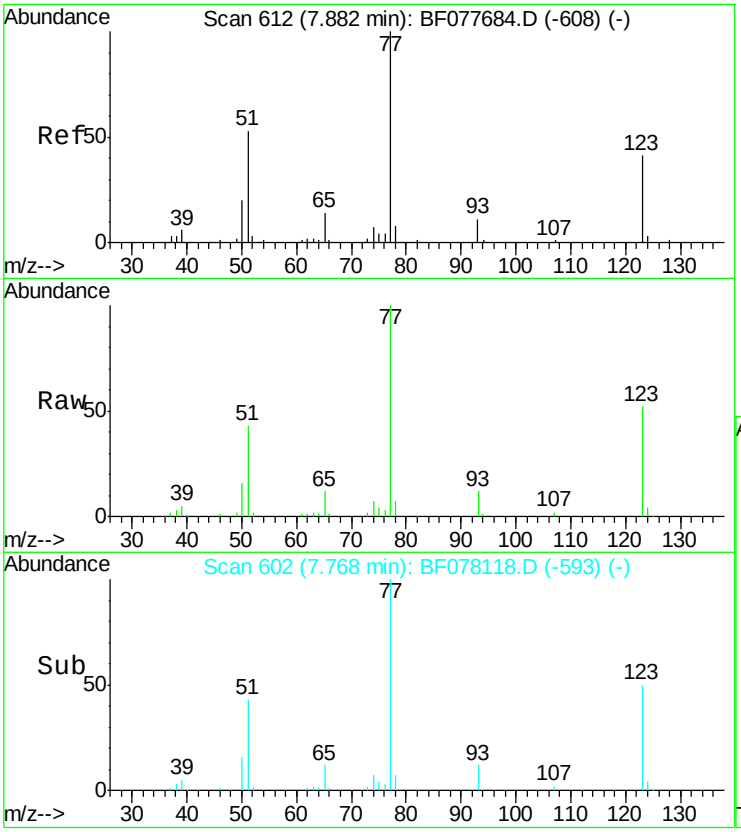


#23
Nitrobenzene-d5
Concen: 57.73 ng
RT: 7.74 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion: 82 Resp: 163374

Ion	Ratio	Lower	Upper
82	100		
128	49.7	32.8	49.2#
54	44.4	40.6	60.8



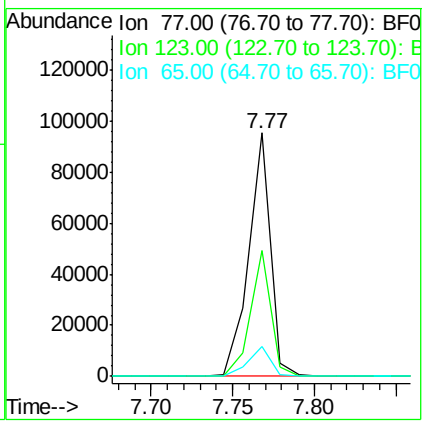


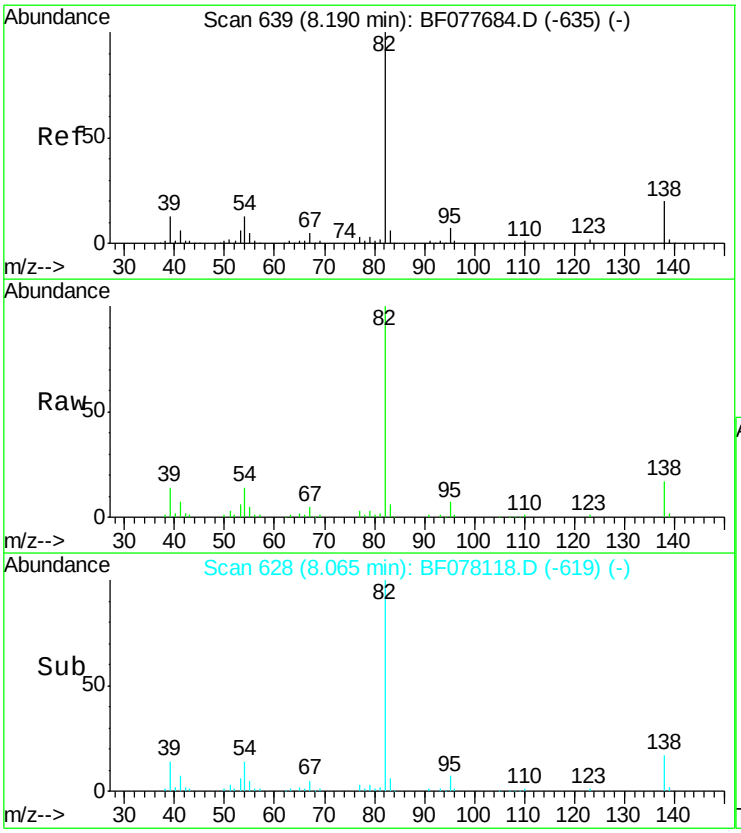
#24
Nitrobenzene
Concen: 28.92 ng
RT: 7.77 min Scan# 602
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion: 77 Resp: 88172

Ion	Ratio	Lower	Upper
77	100		
123	51.7	32.6	49.0#
65	12.2	10.9	16.3

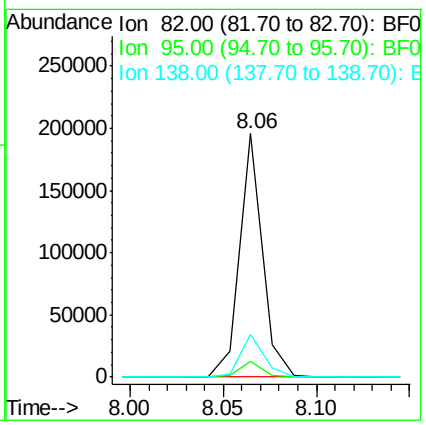


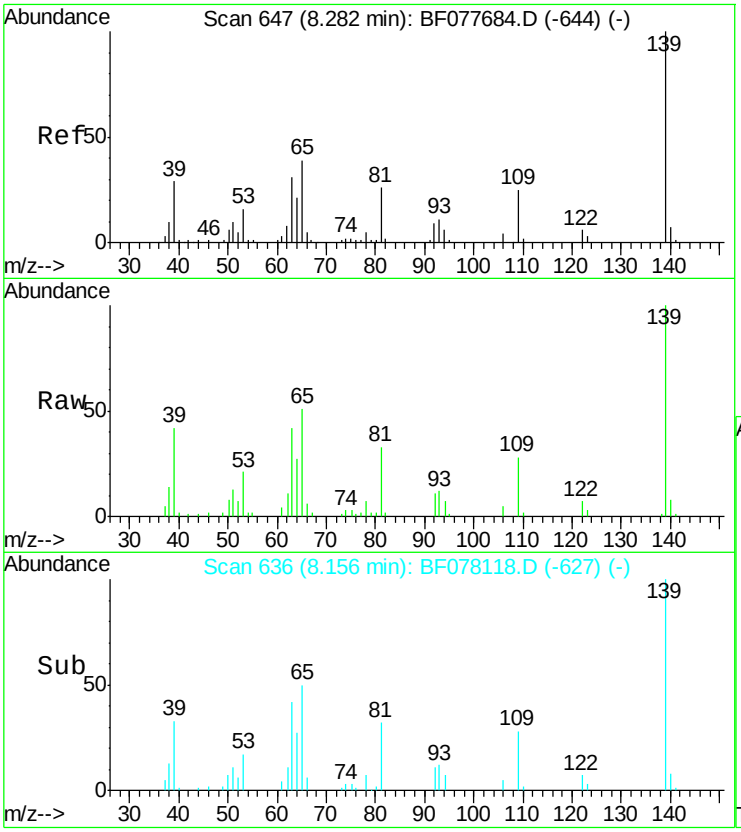


#25
Isophorone
Concen: 29.23 ng
RT: 8.06 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion: 82 Resp: 167072

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.8	8.6
138	17.4	16.3	24.5



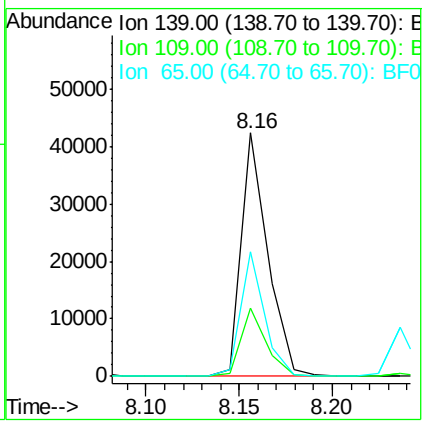


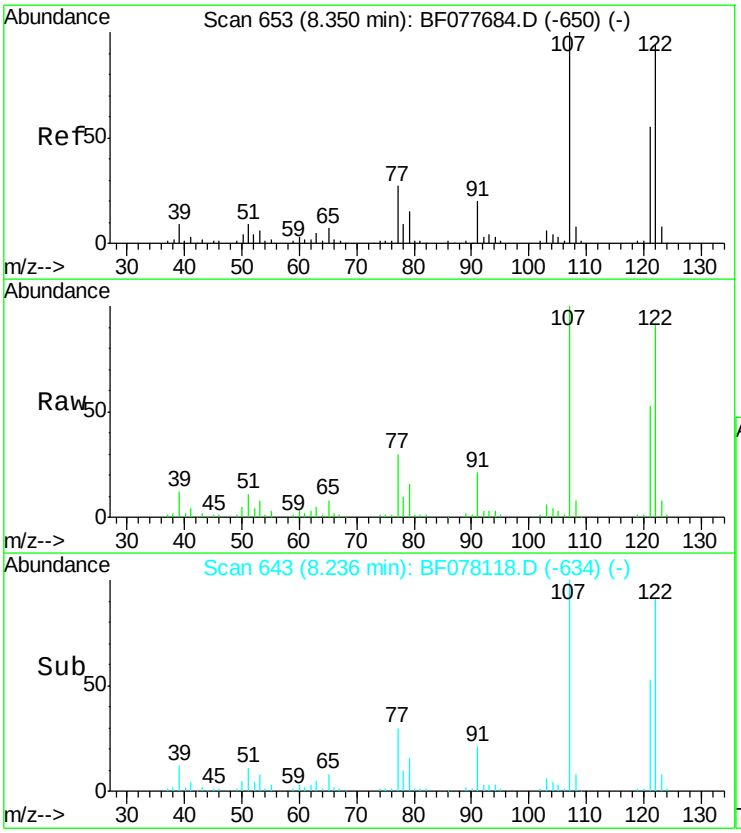
#26
2-Nitrophenol
Concen: 28.15 ng
RT: 8.16 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:139 Resp: 42018

Ion	Ratio	Lower	Upper
139	100		
109	28.0	20.1	30.1
65	51.0	31.5	47.3#

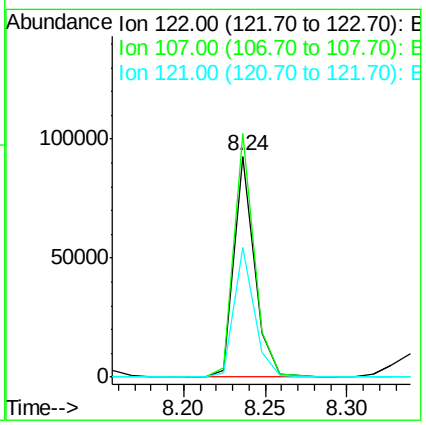


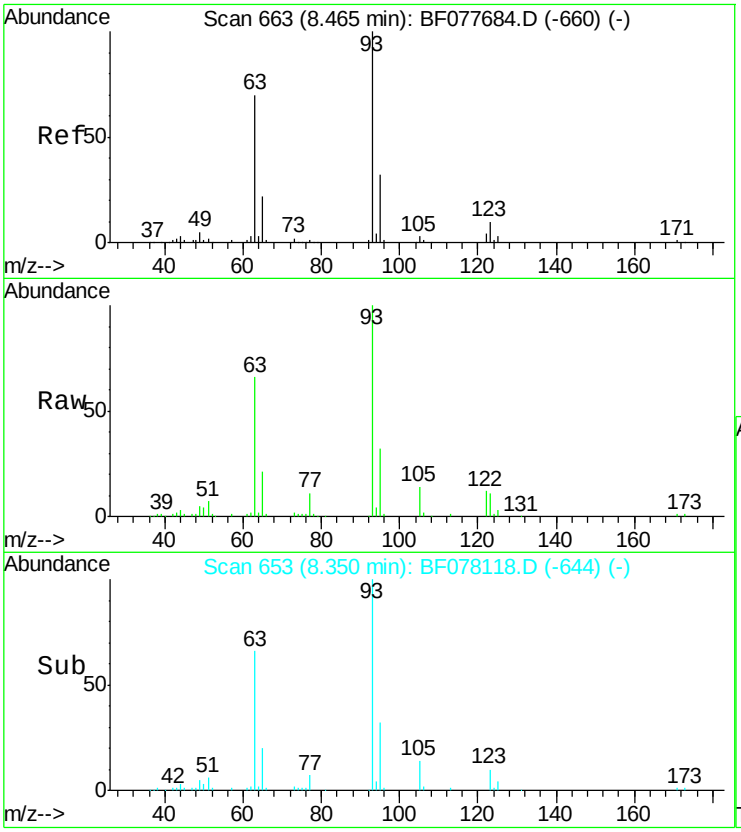


#27
2,4-Dimethylphenol
Concen: 29.34 ng
RT: 8.24 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:122 Resp: 79790

Ion	Ratio	Lower	Upper
122	100		
107	110.3	84.7	127.1
121	58.6	46.6	69.8



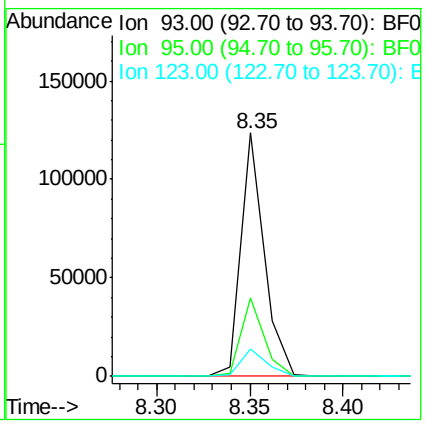


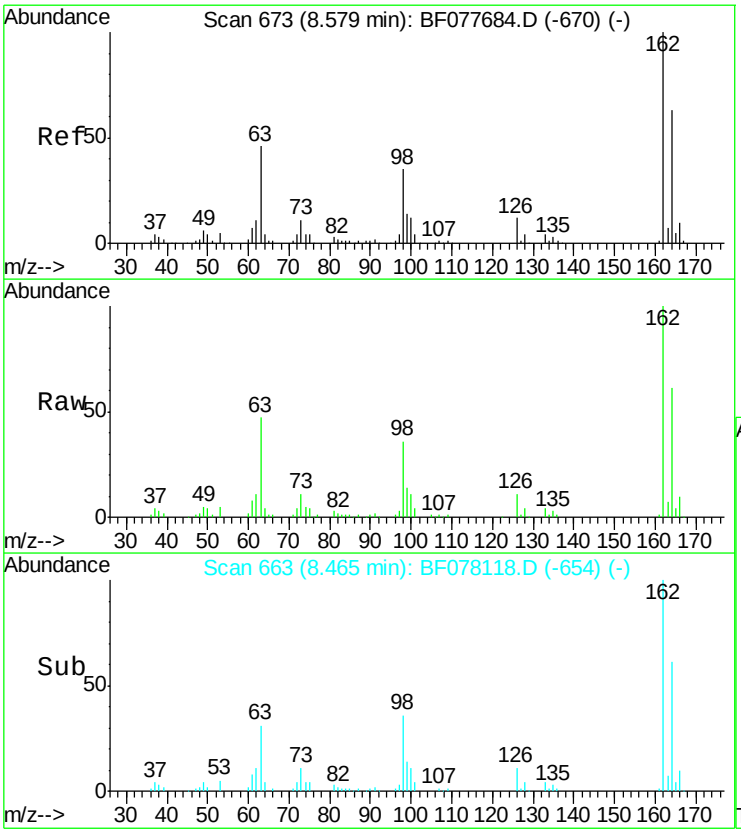
#28
bis(2-Chloroethoxy)methane
Concen: 31.12 ng
RT: 8.35 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion: 93 Resp: 107972

Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.5	38.3
123	11.0	8.6	13.0

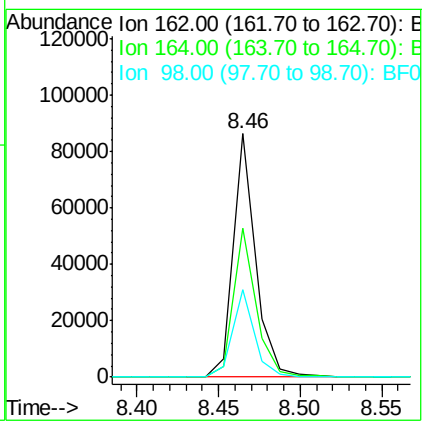


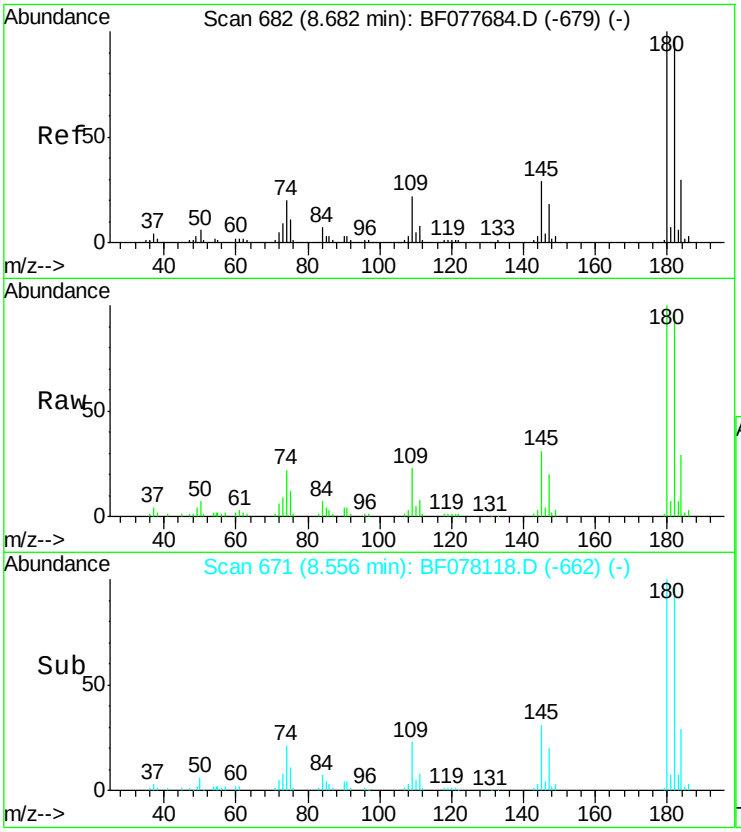


#29
2,4-Dichlorophenol
Concen: 31.27 ng
RT: 8.46 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:162 Resp: 81049

Ion	Ratio	Lower	Upper
162	100		
164	61.1	42.8	82.8
98	35.9	14.5	54.5



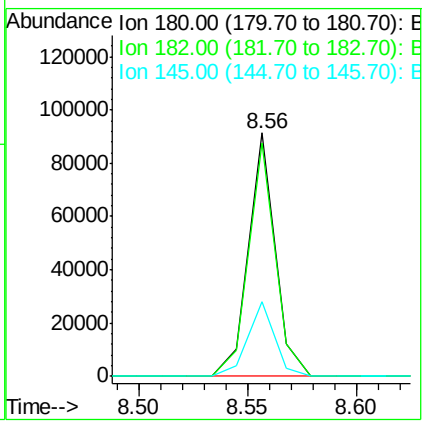


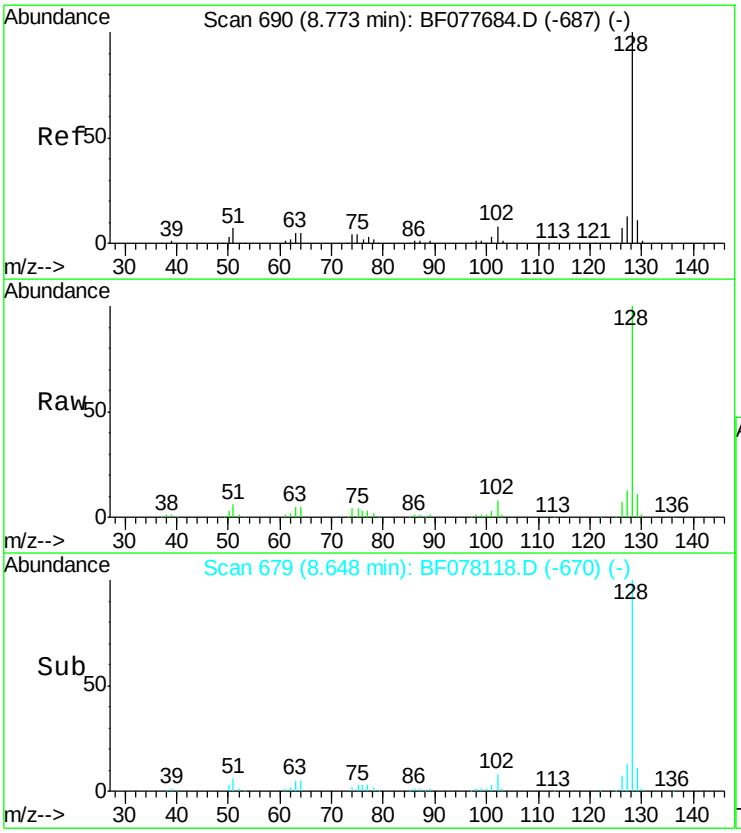
#30
1,2,4-Trichlorobenzene
Concen: 26.92 ng
RT: 8.56 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:180 Resp: 78076

Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.6	116.4
145	30.5	23.4	35.2

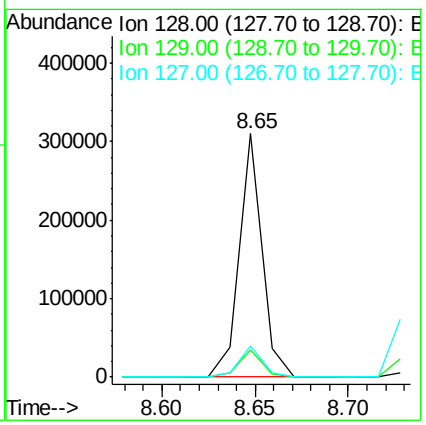


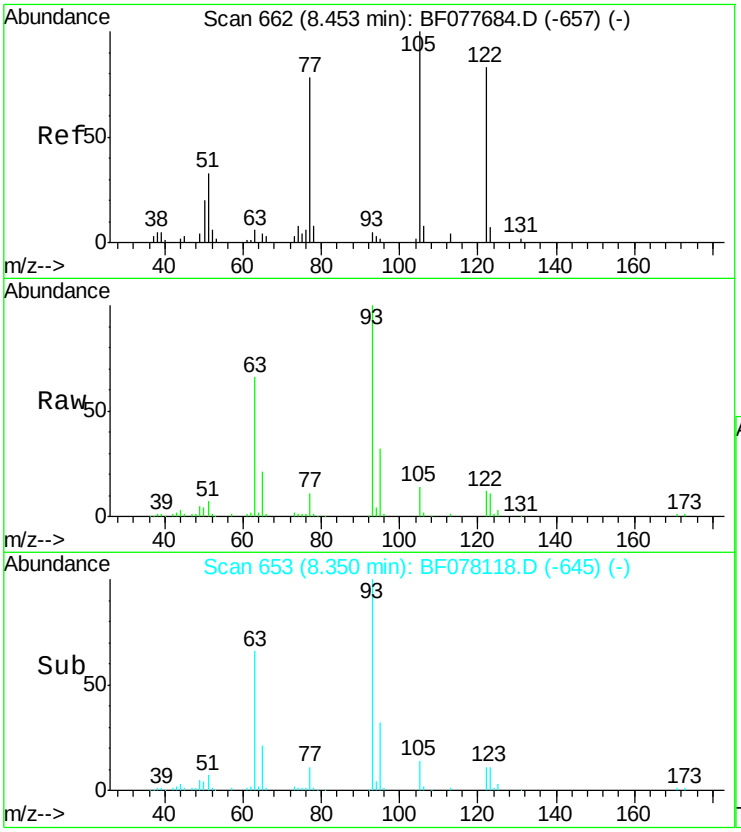


#31
Naphthalene
Concen: 27.68 ng
RT: 8.65 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:128 Resp: 263761

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.0	10.4	15.6



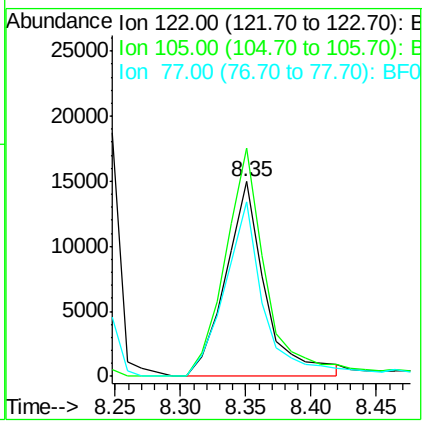


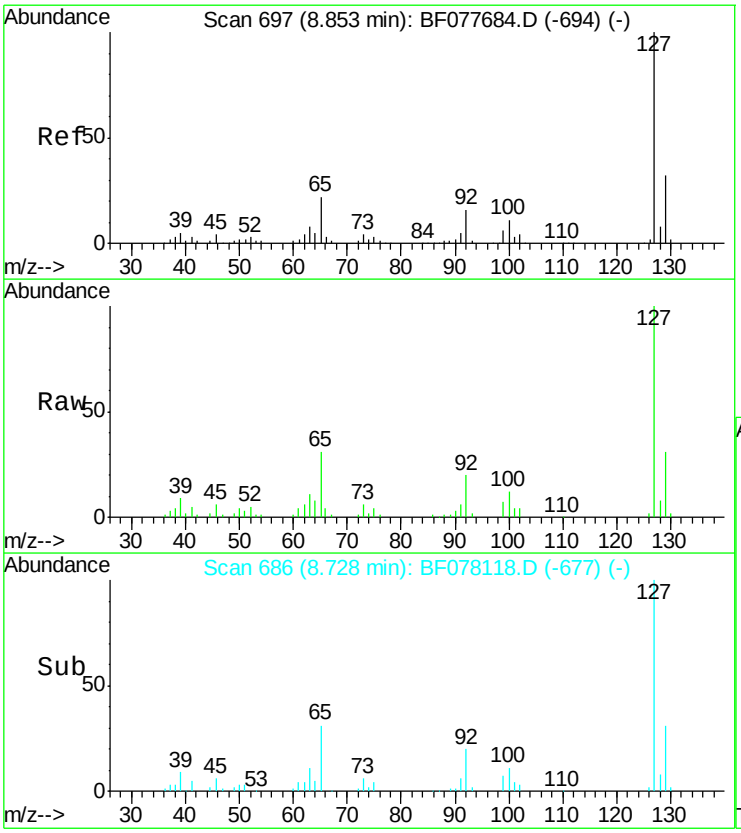
#32
Benzoic acid
Concen: 22.62 ng
RT: 8.35 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:122 Resp: 31657

Ion	Ratio	Lower	Upper
122	100		
105	117.1	99.9	139.9
77	89.5	73.7	113.7

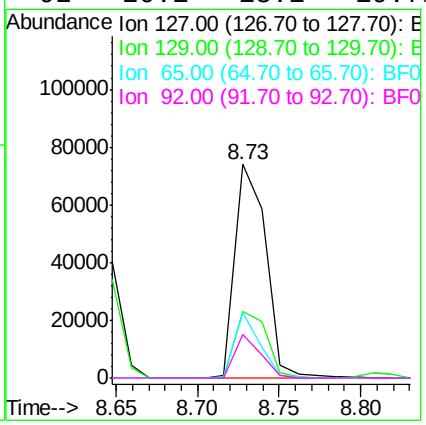


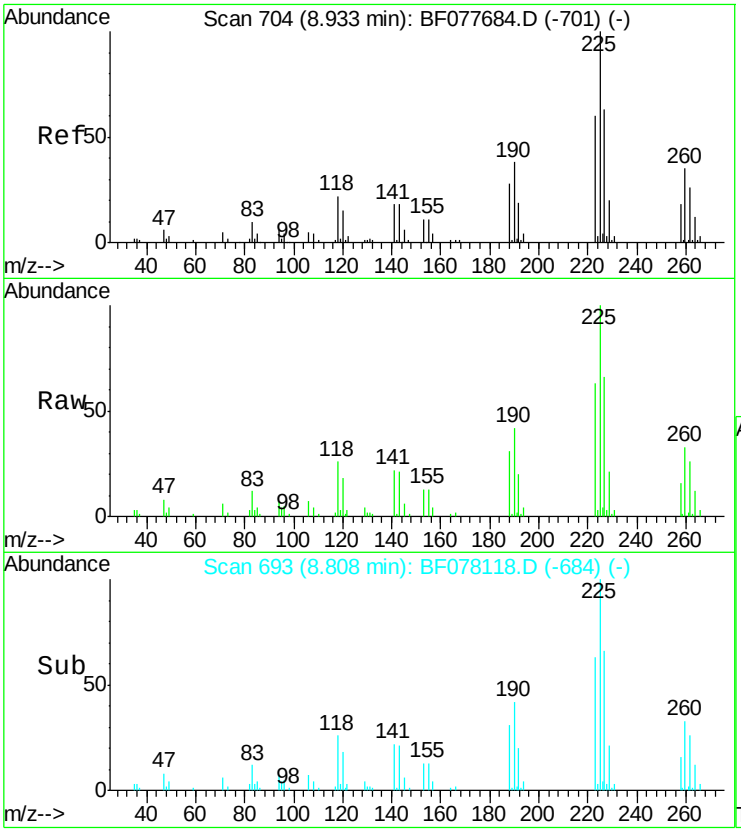


#33
4-Chloroaniline
Concen: 24.96 ng
RT: 8.73 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:127 Resp: 96498

Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.3	37.9
65	30.7	17.6	26.4#
92	20.1	13.1	19.7#



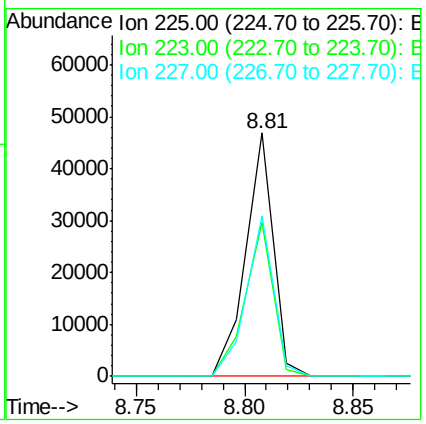


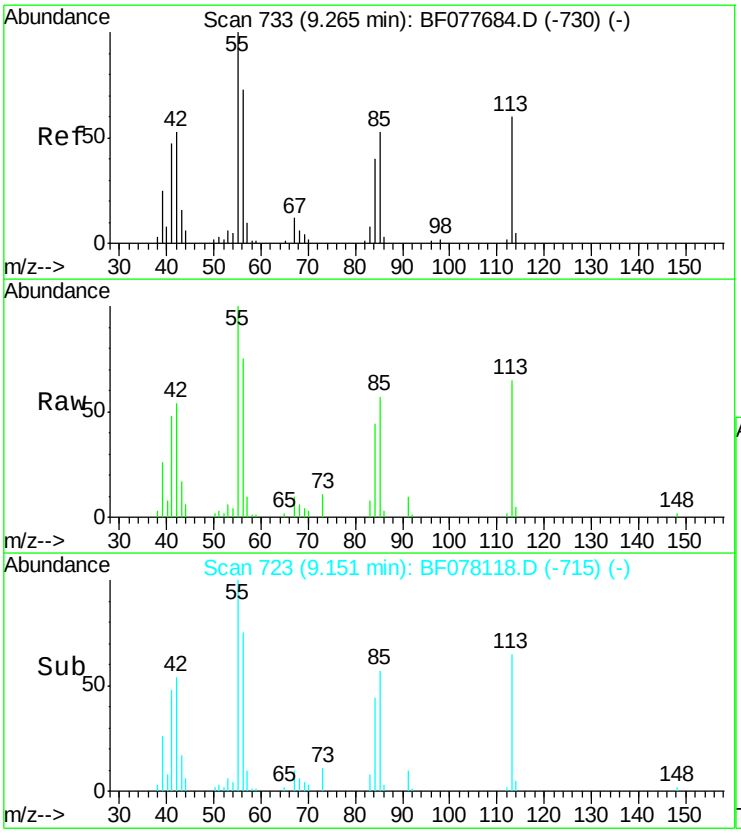
#34
Hexachlorobutadiene
Concen: 25.18 ng
RT: 8.81 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:225 Resp: 41383

Ion	Ratio	Lower	Upper
225	100		
223	63.2	47.9	71.9
227	65.8	50.1	75.1

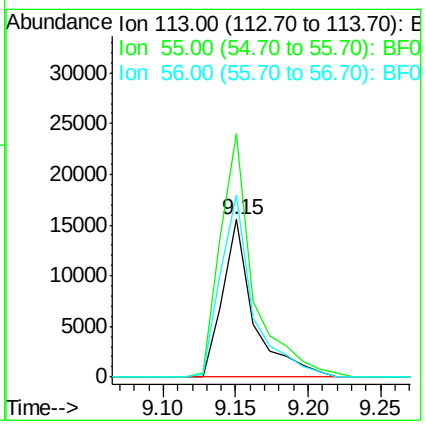


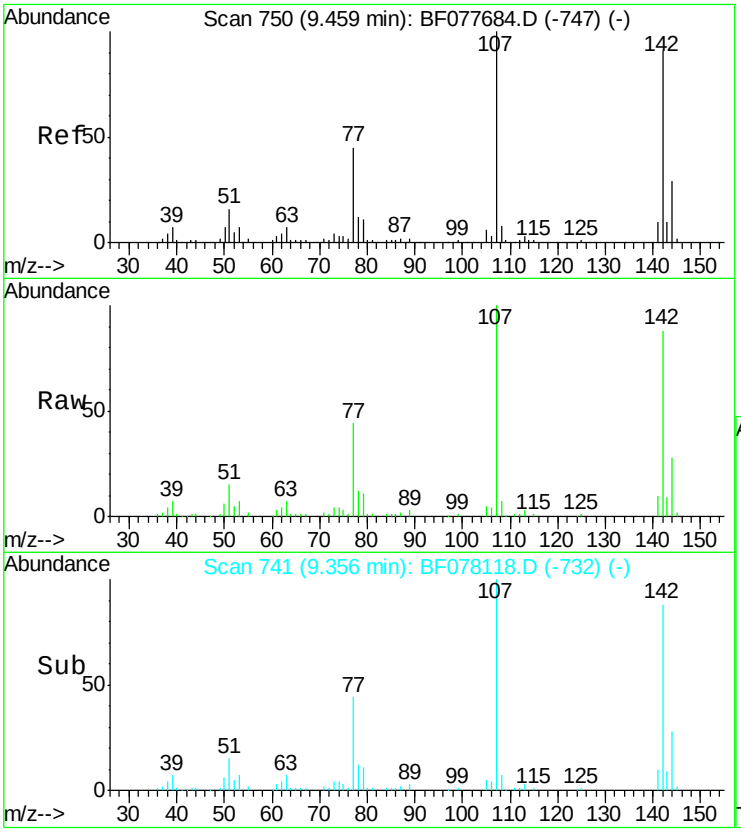


#35
Caprolactam
Concen: 30.68 ng
RT: 9.15 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:113 Resp: 23242

Ion	Ratio	Lower	Upper
113	100		
55	154.6	145.9	185.9
56	115.8	101.0	141.0



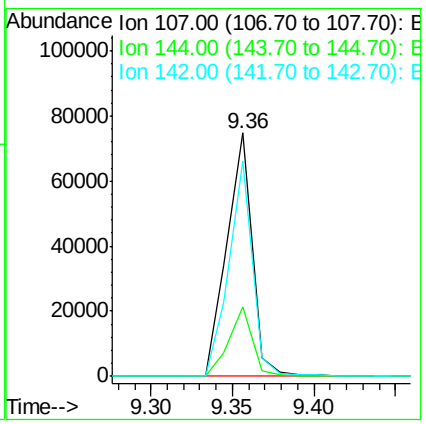


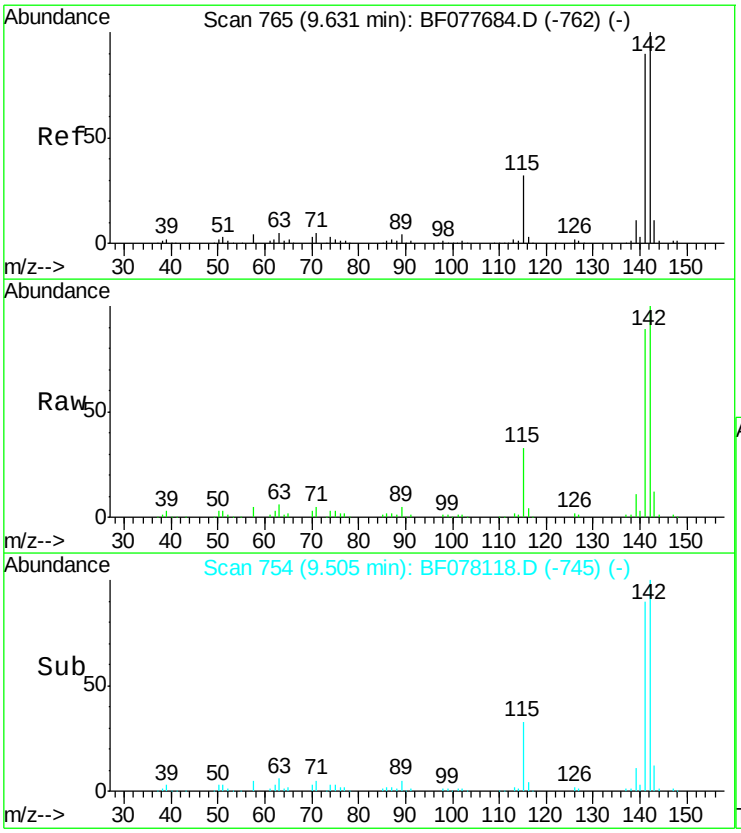
#36
4-Chloro-3-methylphenol
Concen: 30.65 ng
RT: 9.36 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:107 Resp: 79931

Ion	Ratio	Lower	Upper
107	100		
144	28.3	23.3	34.9
142	88.4	72.6	109.0

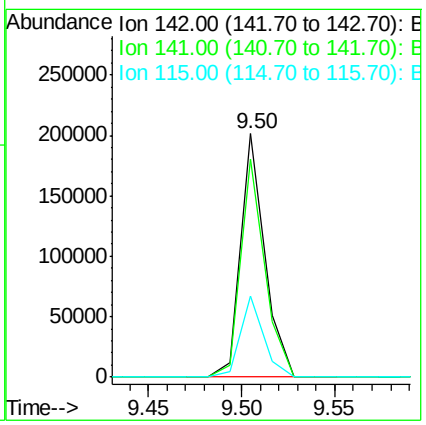


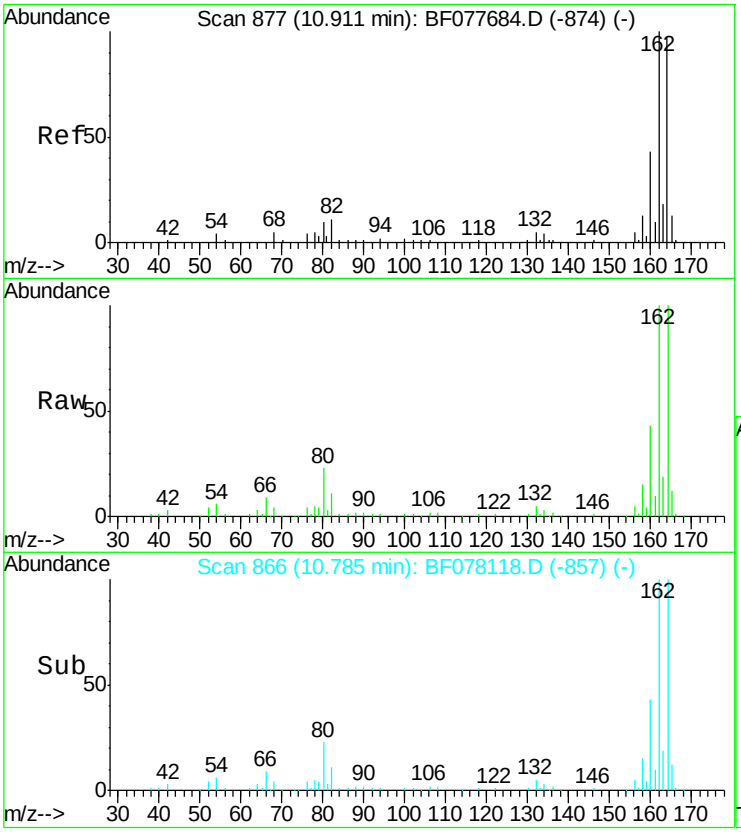


#37
2-Methylnaphthalene
Concen: 28.48 ng
RT: 9.50 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:142 Resp: 182286

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.9	107.9
115	33.3	25.4	38.0



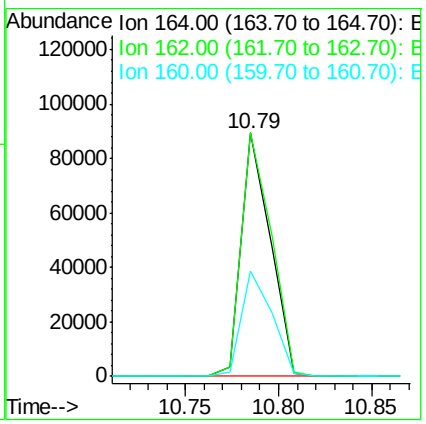


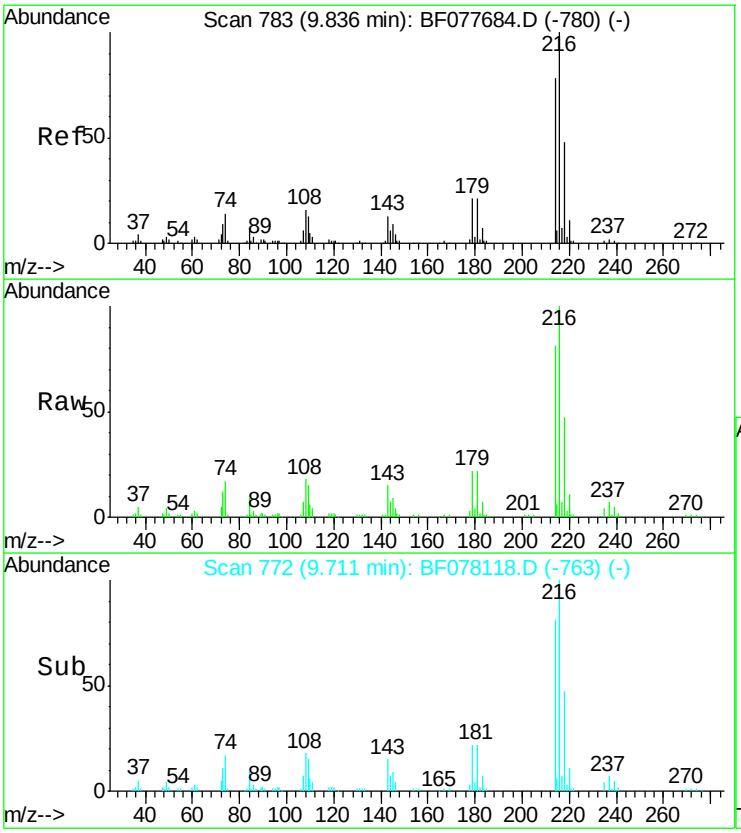
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.79 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:164 Resp: 96626

Ion	Ratio	Lower	Upper
164	100		
162	99.9	82.4	123.6
160	43.4	35.8	53.6

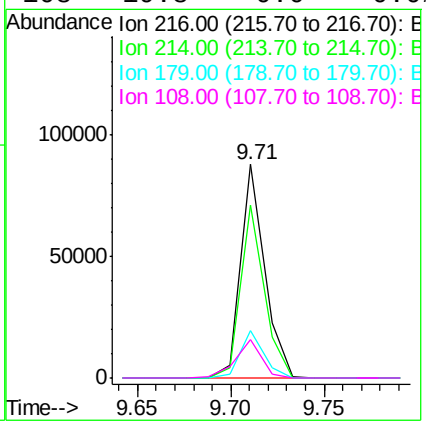


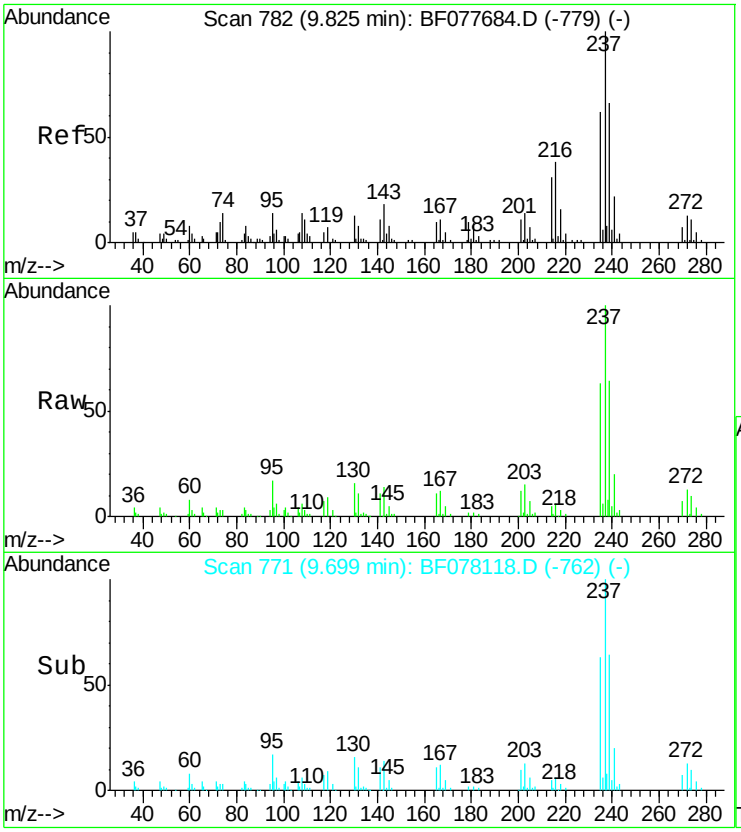


#39
1,2,4,5-Tetrachlorobenzene
Concen: 27.55 ng
RT: 9.71 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:216 Resp: 79409

Ion	Ratio	Lower	Upper
216	100		
214	79.5	0.0	0.0#
179	22.0	0.0	0.0#
108	19.8	0.0	0.0#



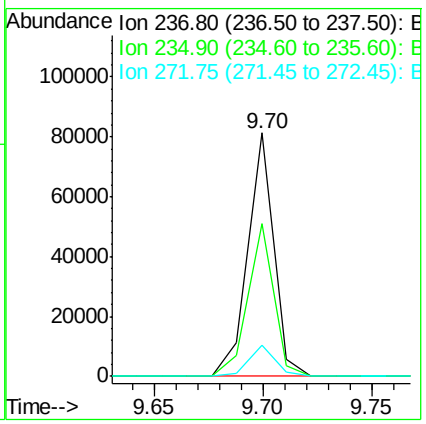


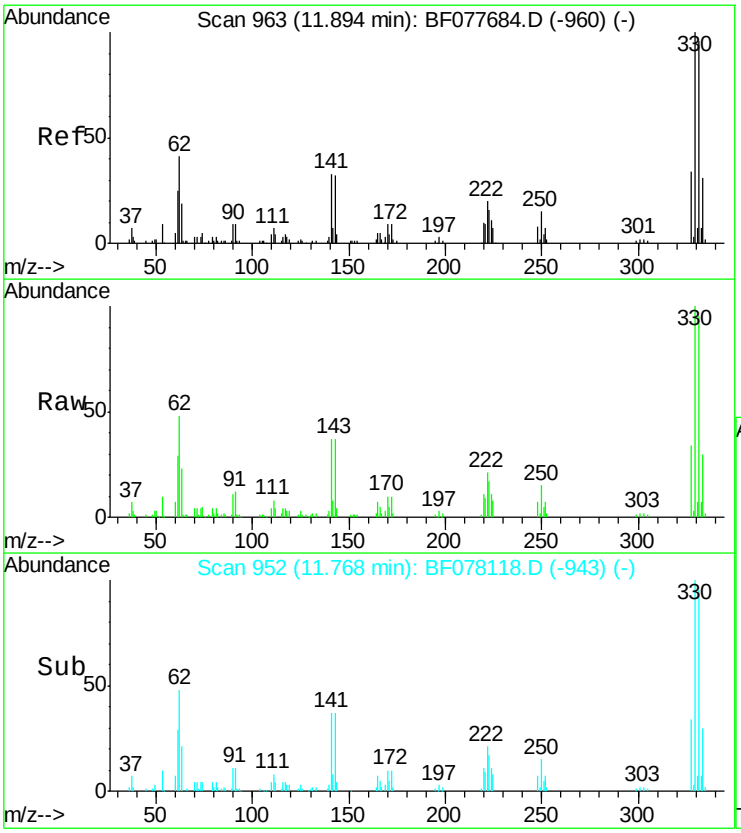
#40
Hexachlorocyclopentadiene
Concen: 48.10 ng
RT: 9.70 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:237 Resp: 67505

Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.0	82.0
272	12.7	0.0	33.4

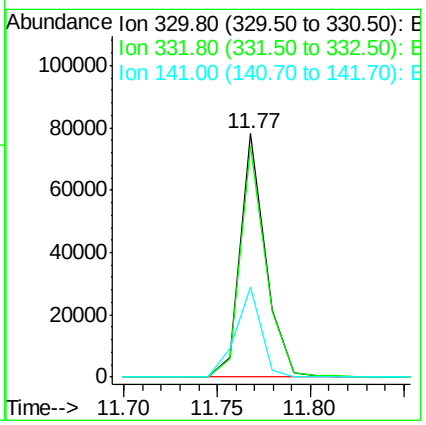


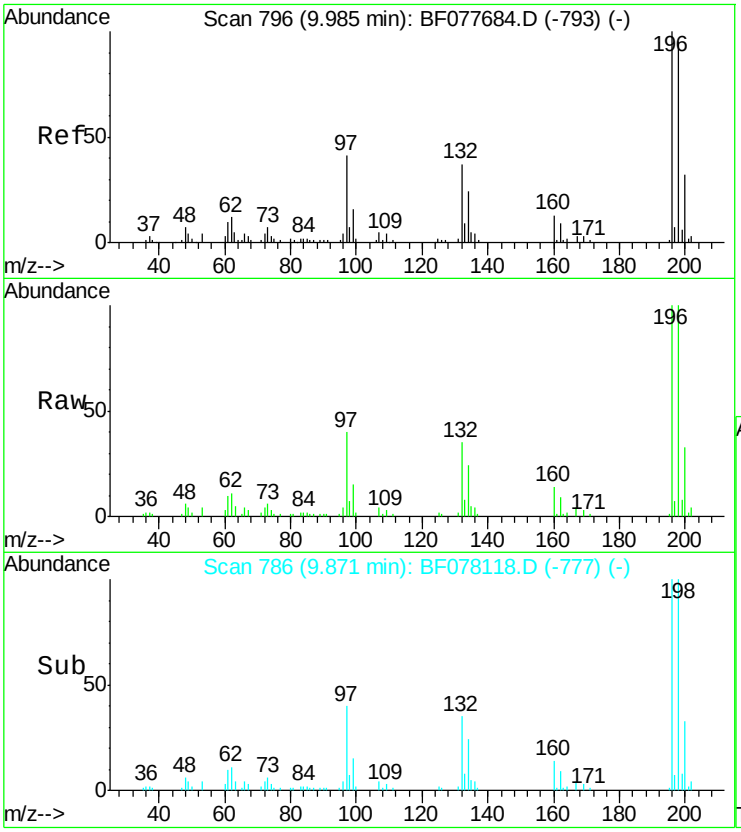


#41
2,4,6-Tribromophenol
Concen: 79.70 ng
RT: 11.77 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:330 Resp: 73684

Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	37.9	0.0	0.0#



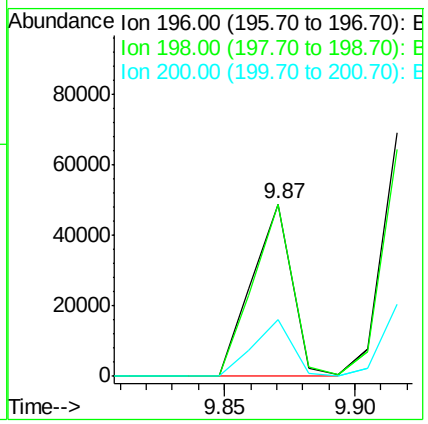


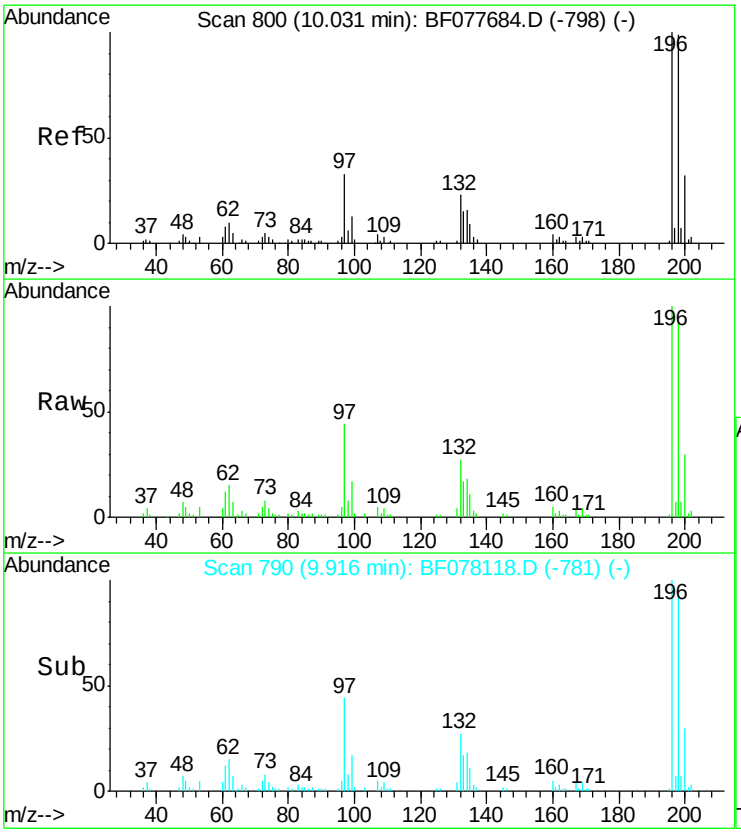
#42
2,4,6-Trichlorophenol
Concen: 26.32 ng
RT: 9.87 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:196 Resp: 52553

Ion	Ratio	Lower	Upper
196	100		
198	100.1	76.3	114.5
200	32.7	25.6	38.4

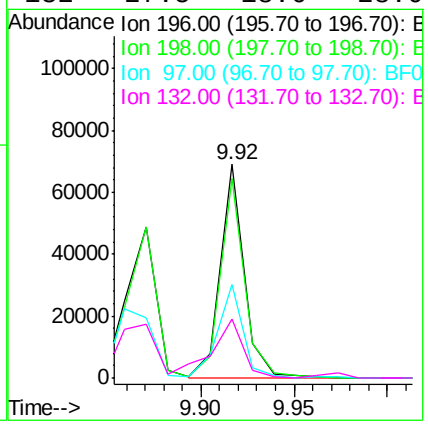


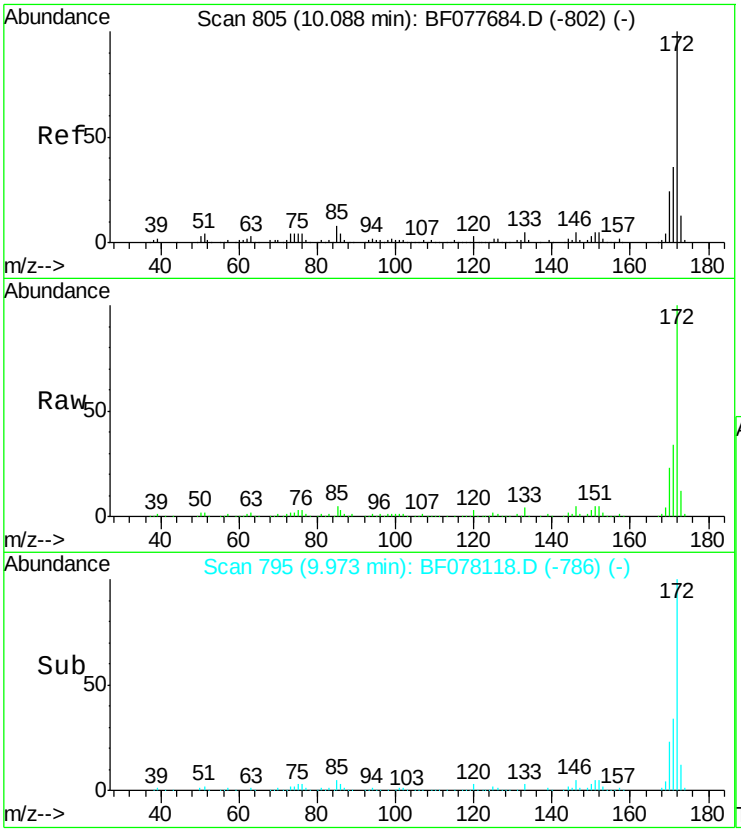


#43
2,4,5-Trichlorophenol
Concen: 28.74 ng
RT: 9.92 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:196 Resp: 61978

Ion	Ratio	Lower	Upper
196	100		
198	93.2	79.4	119.0
97	43.8	26.8	40.2#
132	27.5	18.6	28.0



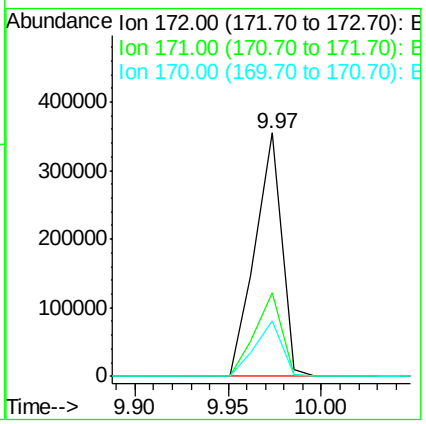


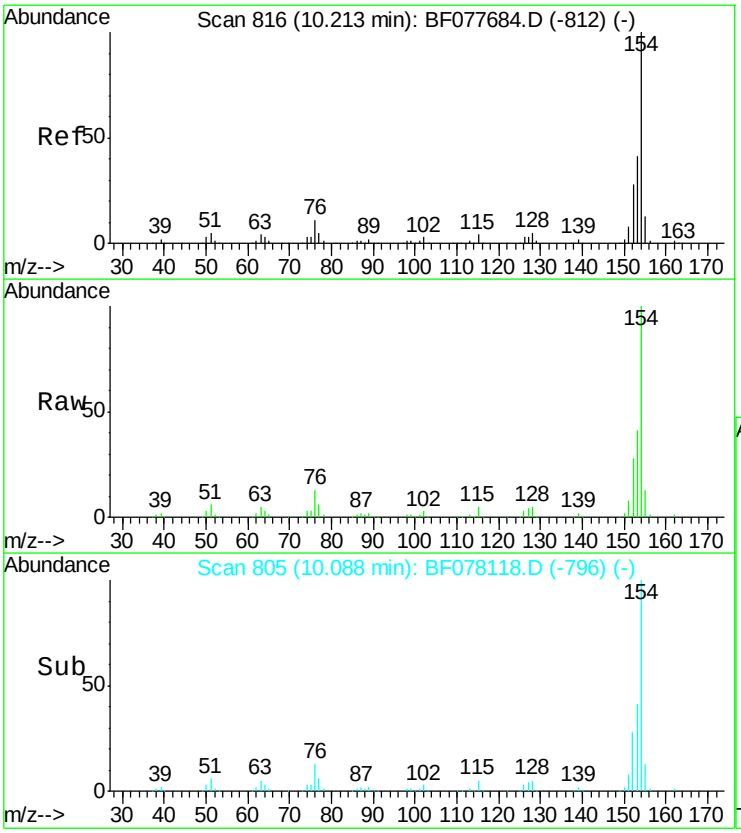
#44
2-Fluorobiphenyl
Concen: 53.38 ng
RT: 9.97 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:172 Resp: 350950

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.5	42.7
170	22.8	18.8	28.2

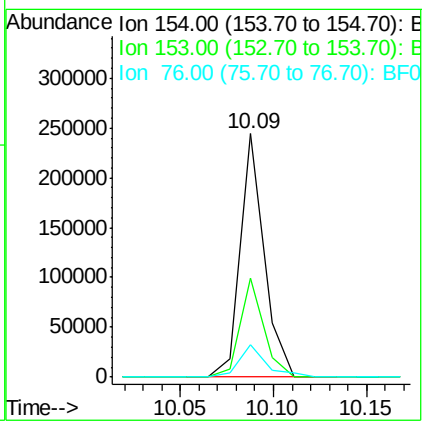


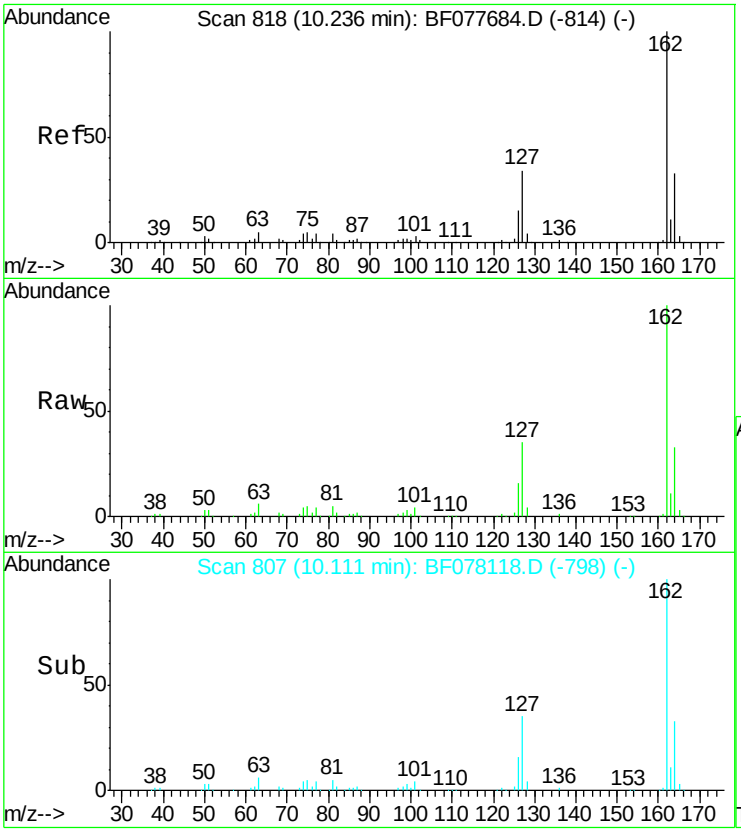


#45
1,1'-Biphenyl
Concen: 28.19 ng
RT: 10.09 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:154 Resp: 217780

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.7	60.7
76	13.1	0.0	30.9



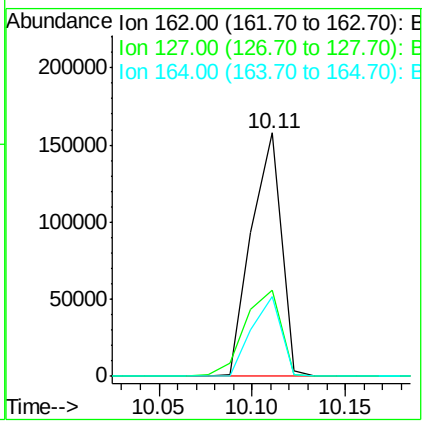


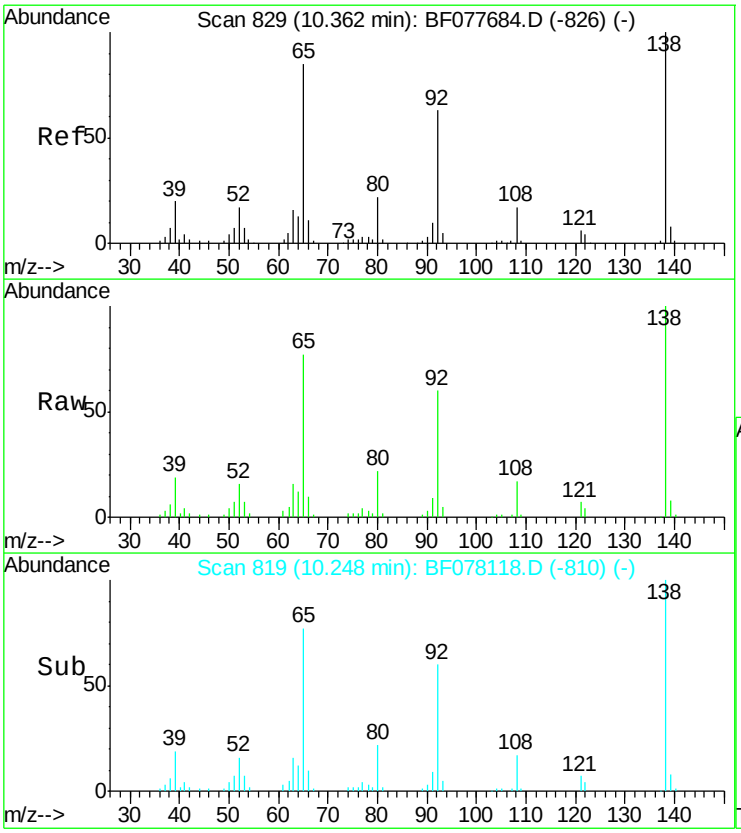
#46
2-Chloronaphthalene
Concen: 27.98 ng
RT: 10.11 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:162 Resp: 175647

Ion	Ratio	Lower	Upper
162	100		
127	35.2	26.9	40.3
164	32.6	26.8	40.2

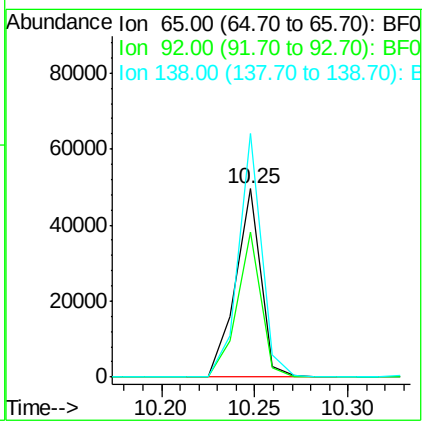


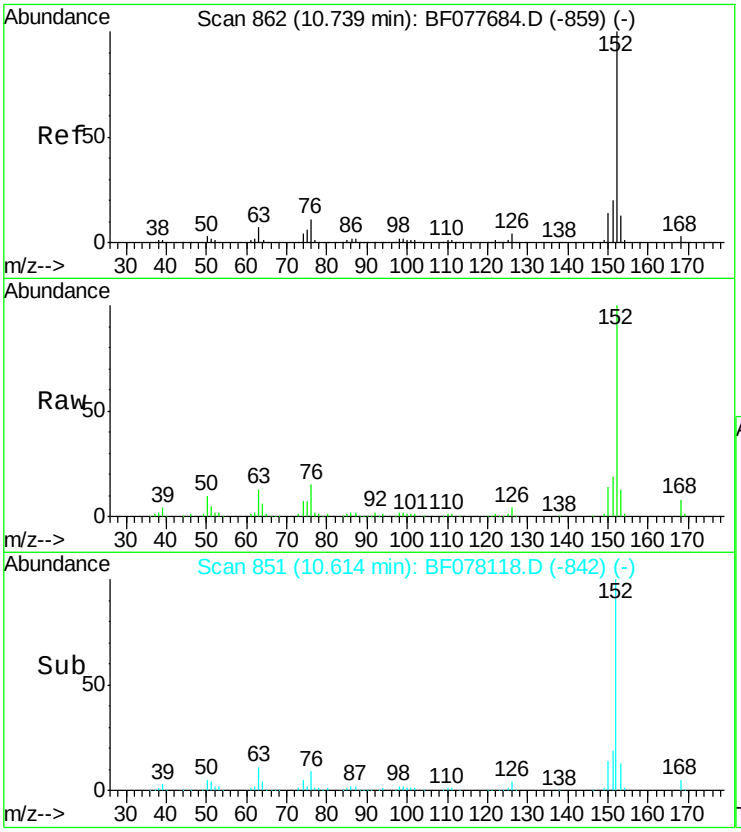


#47
2-Nitroaniline
Concen: 30.12 ng
RT: 10.25 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion: 65 Resp: 46964

Ion	Ratio	Lower	Upper
65	100		
92	77.4	59.1	88.7
138	129.5	93.9	140.9



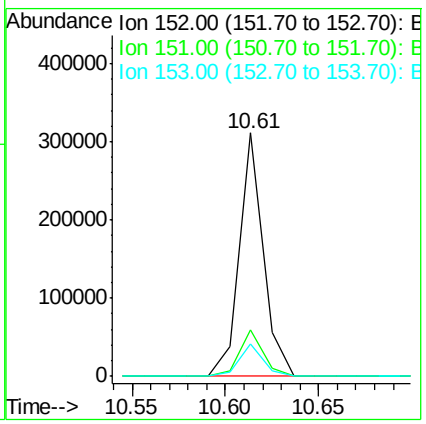


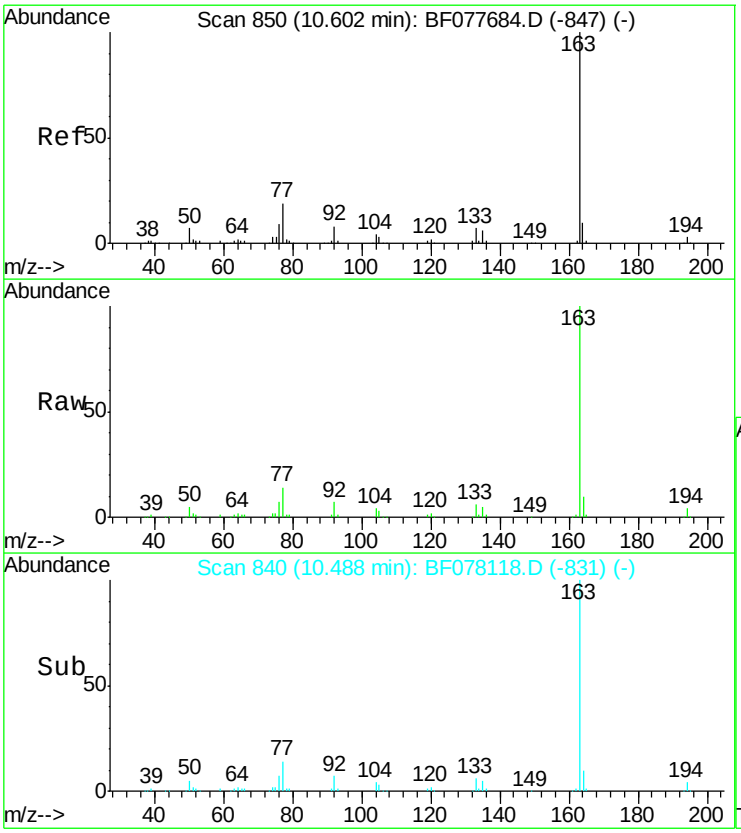
#48
Acenaphthylene
Concen: 26.69 ng
RT: 10.61 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:152 Resp: 278566

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.9	23.9
153	13.1	10.6	16.0

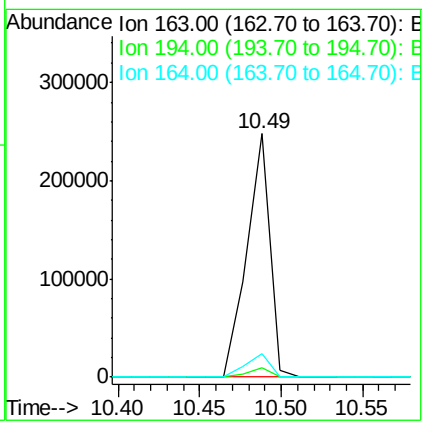


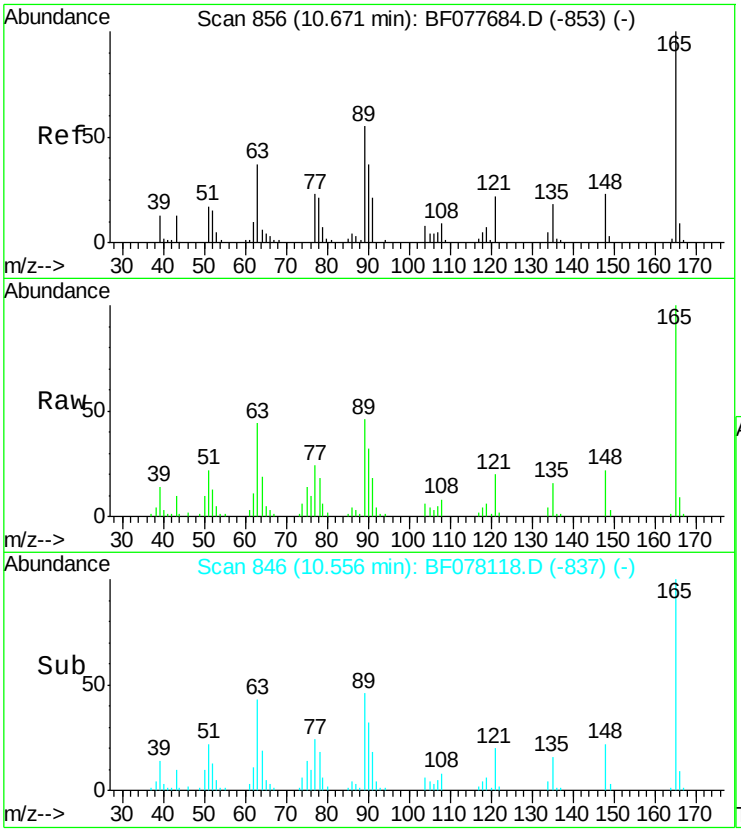


#49
Dimethylphthalate
Concen: 33.76 ng
RT: 10.49 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:163 Resp: 241952

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.6	8.2	12.2



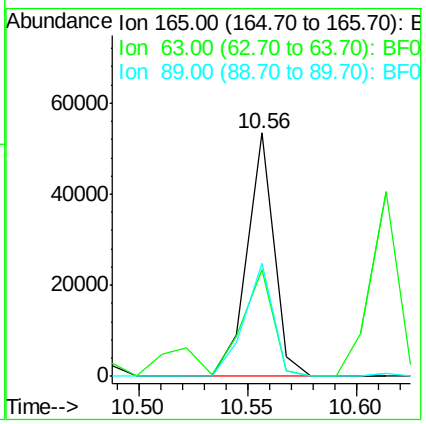


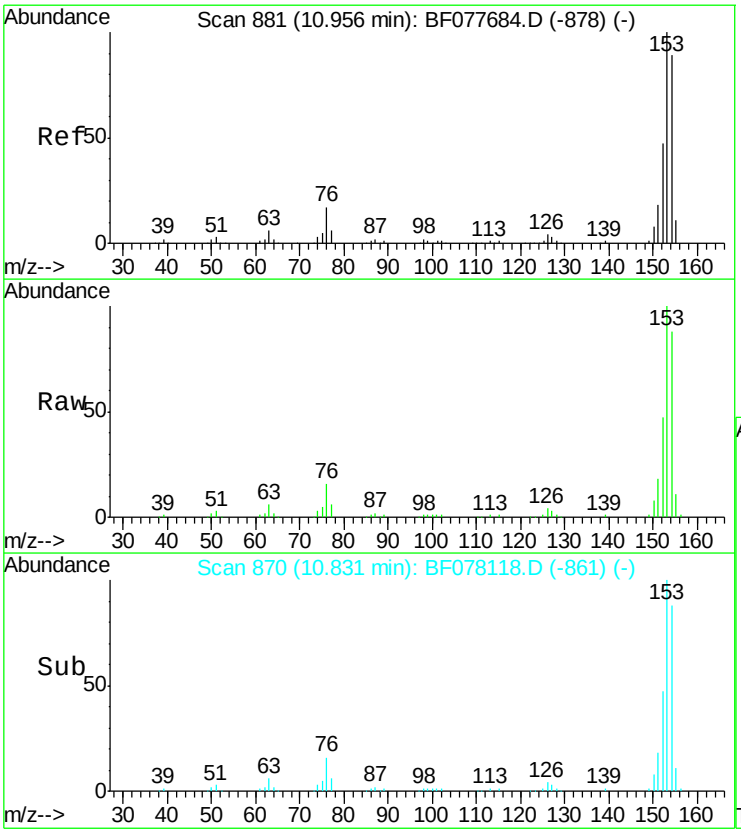
#50
2,6-Dinitrotoluene
Concen: 30.93 ng
RT: 10.56 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:165 Resp: 45949

Ion	Ratio	Lower	Upper
165	100		
63	43.6	44.1	66.1#
89	46.4	44.3	66.5

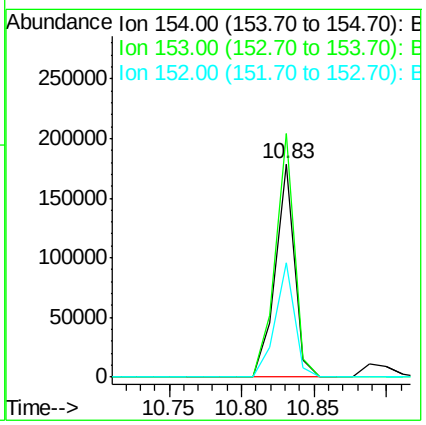


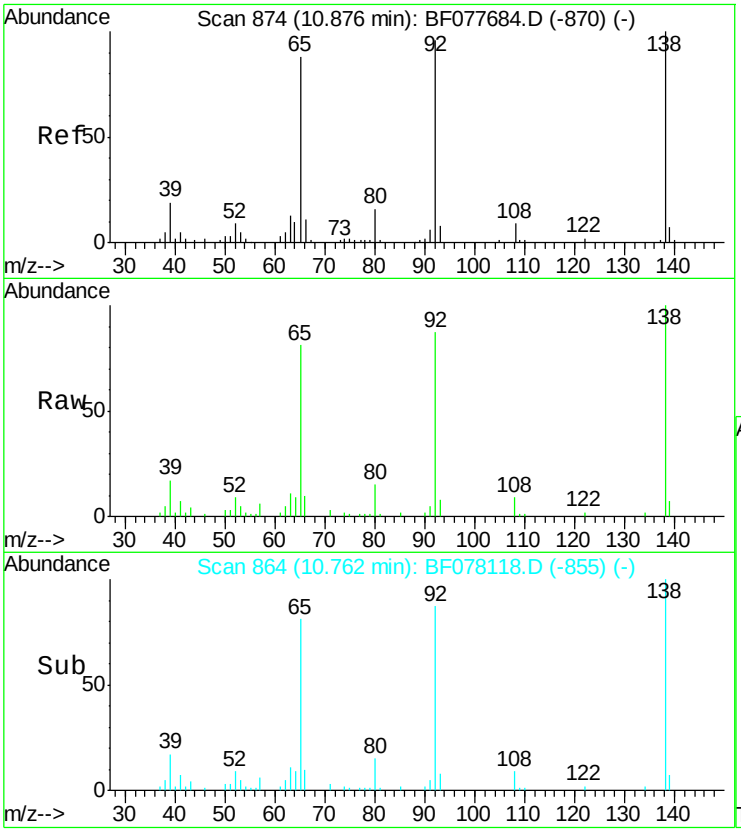


#51
Acenaphthene
Concen: 27.37 ng
RT: 10.83 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:154 Resp: 163819

Ion	Ratio	Lower	Upper
154	100		
153	114.0	90.0	135.0
152	53.7	42.6	63.8



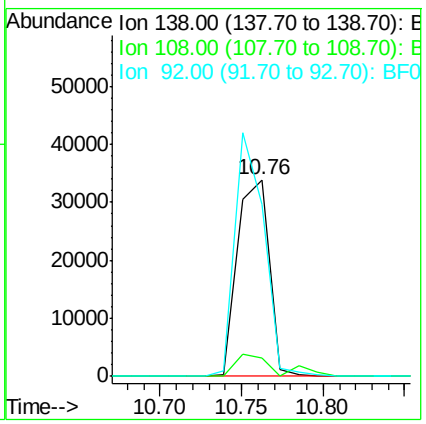


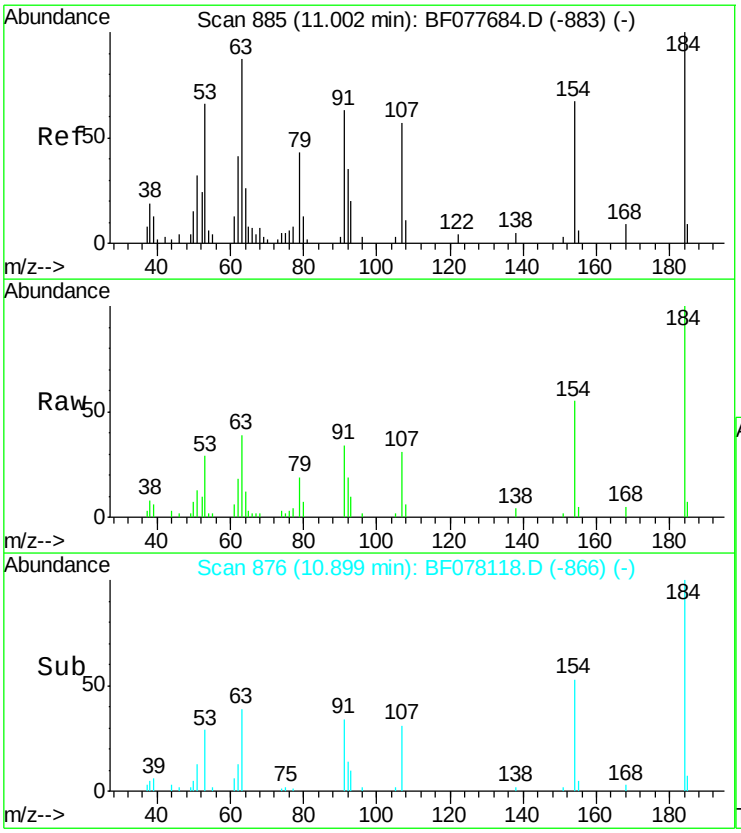
#52
3-Nitroaniline
Concen: 26.41 ng
RT: 10.76 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:138 Resp: 45571

Ion	Ratio	Lower	Upper
138	100		
108	9.3	7.3	10.9
92	87.3	76.6	114.8

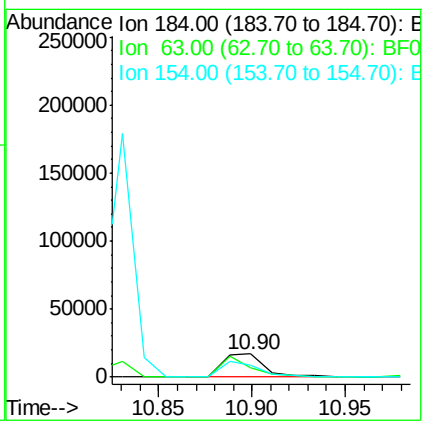


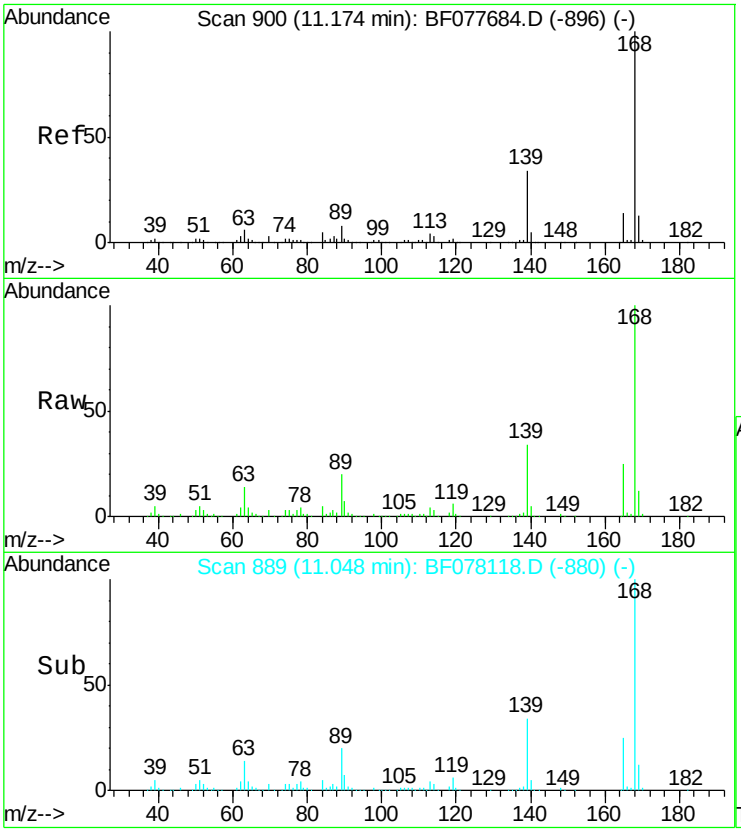


#53
2,4-Dinitrophenol
Concen: 51.69 ng
RT: 10.90 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:184 Resp: 26477

Ion	Ratio	Lower	Upper
184	100		
63	38.7	69.2	103.8#
154	54.9	53.3	79.9



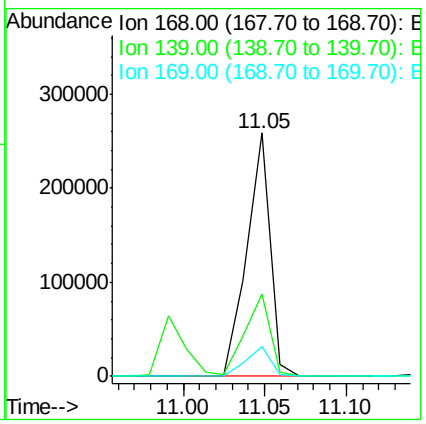


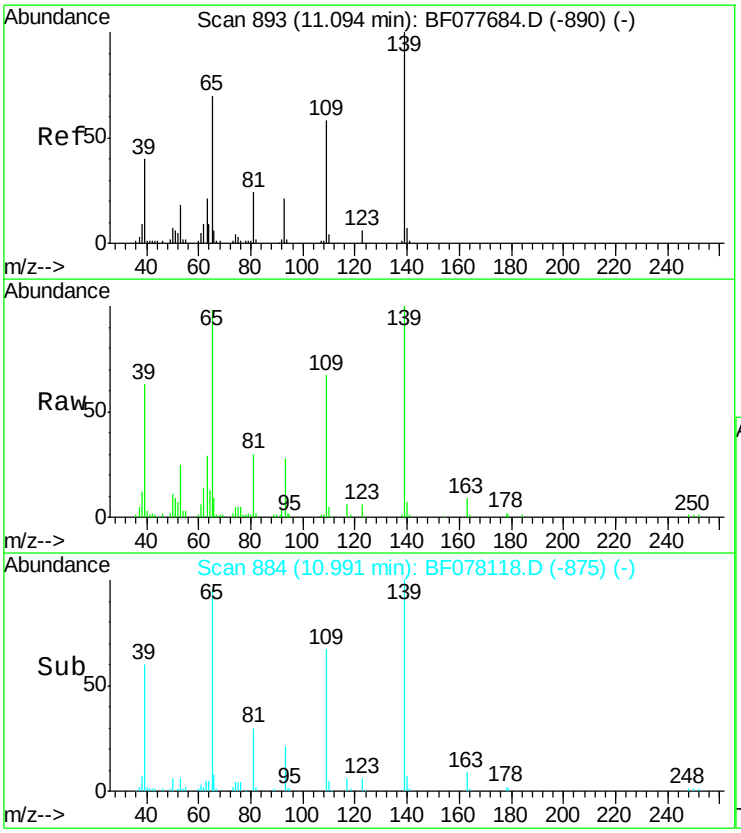
#54
Dibenzofuran
Concen: 28.87 ng
RT: 11.05 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:168 Resp: 256248

Ion	Ratio	Lower	Upper
168	100		
139	33.8	27.3	40.9
169	12.5	10.6	16.0

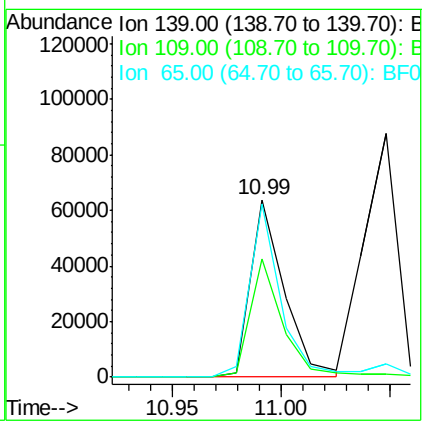


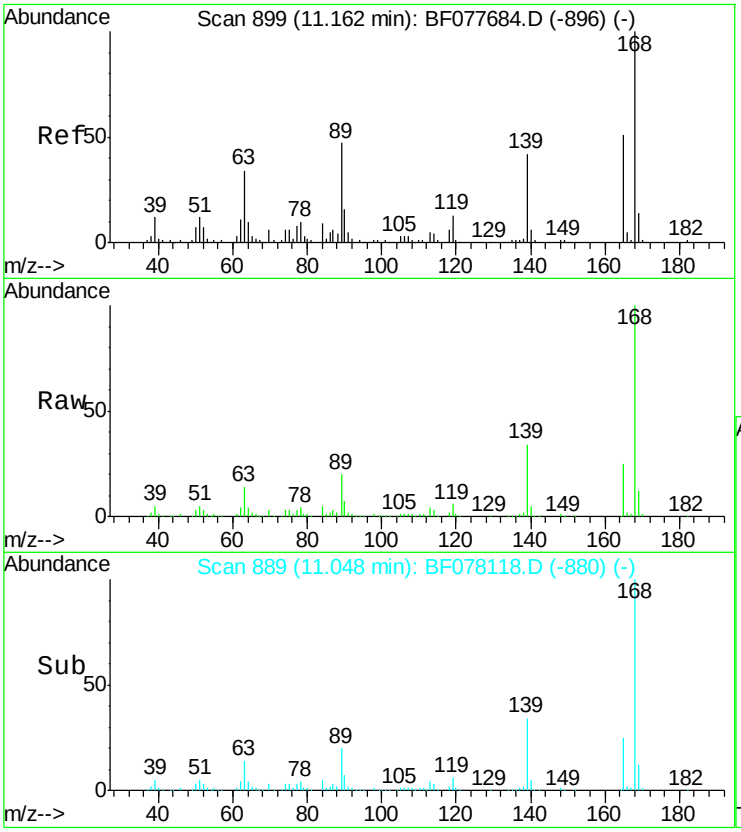


#55
4-Nitrophenol
Concen: 54.05 ng
RT: 10.99 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:139 Resp: 69071

Ion	Ratio	Lower	Upper
139	100		
109	66.9	37.7	77.7
65	97.9	49.9	89.9#



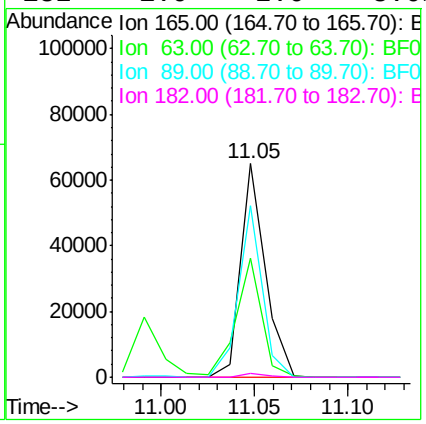


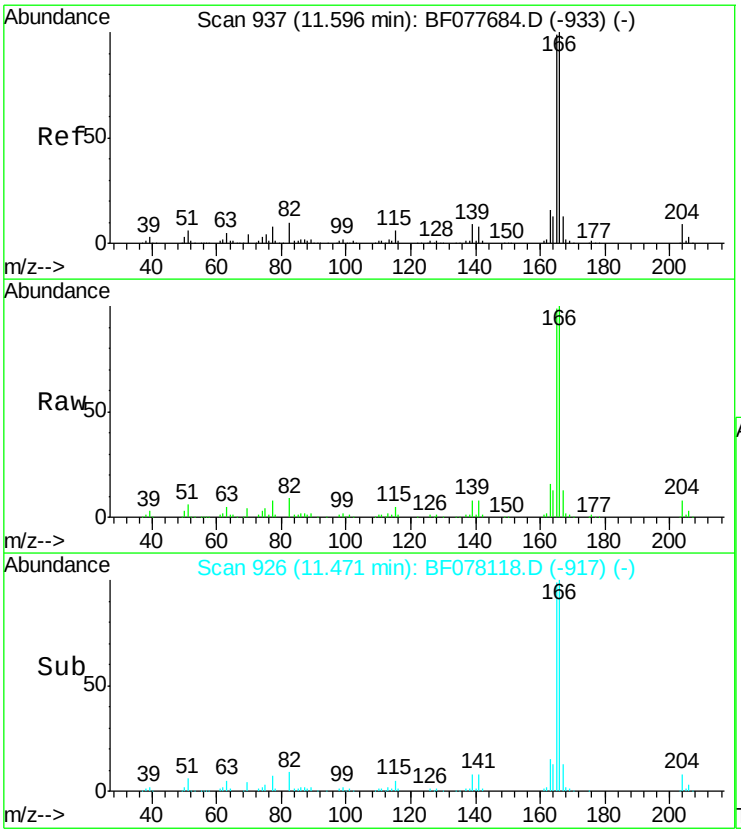
#56
2,4-Dinitrotoluene
Concen: 30.88 ng
RT: 11.05 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:165 Resp: 59814

Ion	Ratio	Lower	Upper
165	100		
63	55.8	52.4	78.6
89	80.3	72.4	108.6
182	1.9	2.0	3.0#

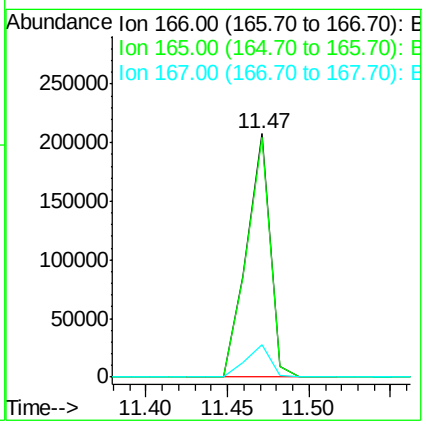


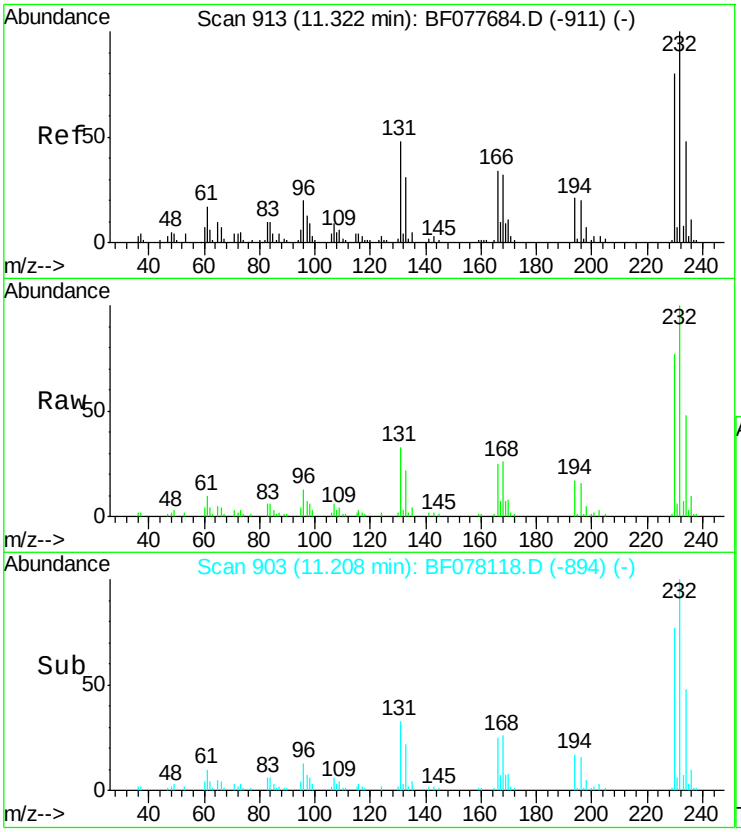


#57
Fluorene
Concen: 28.23 ng
RT: 11.47 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:166 Resp: 208098

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.0	118.4
167	13.2	10.3	15.5



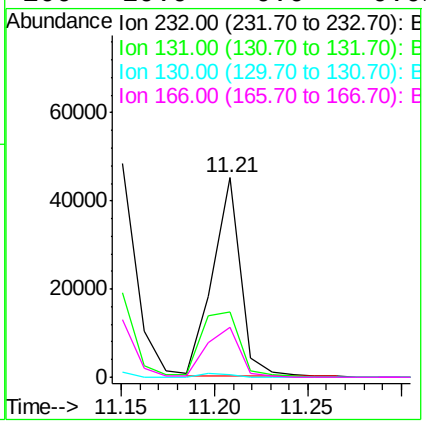


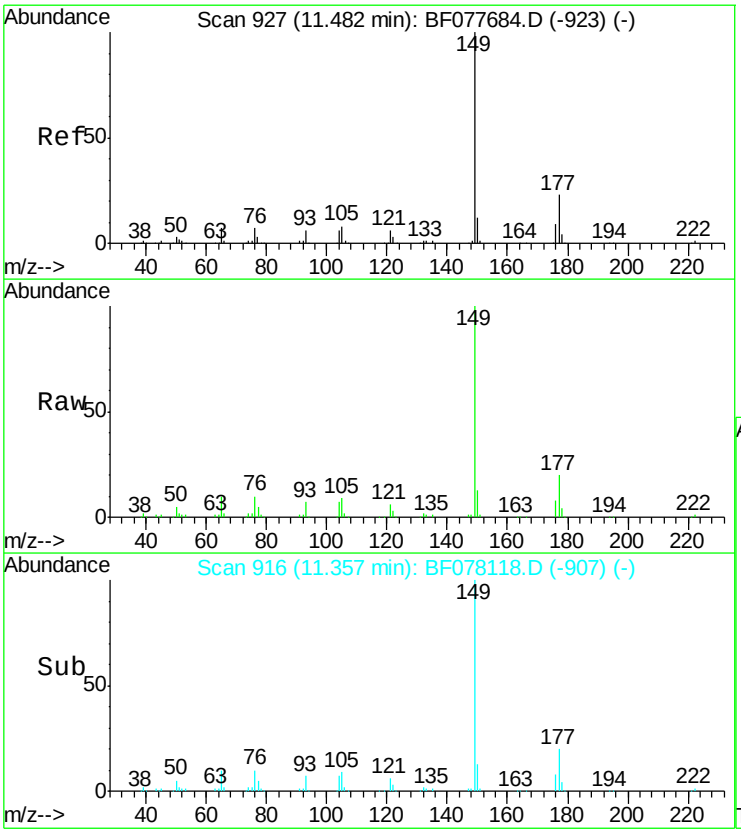
#58
2,3,4,6-Tetrachlorophenol
Concen: 28.22 ng
RT: 11.21 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:232 Resp: 46858

Ion	Ratio	Lower	Upper
232	100		
131	46.2	0.0	0.0#
130	2.2	0.0	0.0#
166	29.9	0.0	0.0#

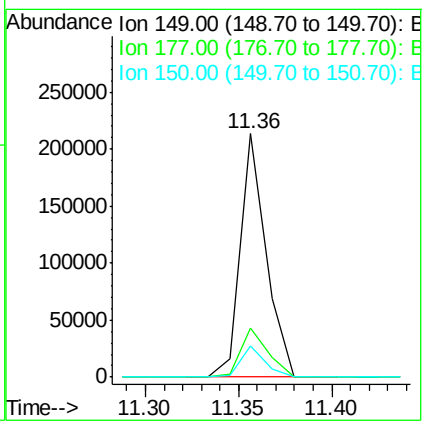


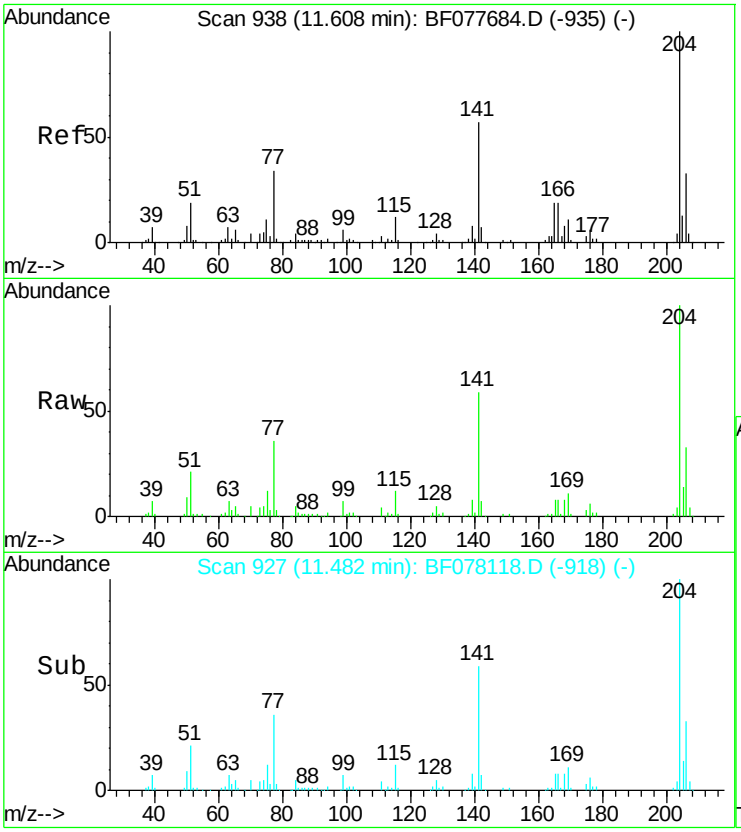


#59
Diethylphthalate
Concen: 29.41 ng
RT: 11.36 min Scan# 916
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:149 Resp: 205344

Ion	Ratio	Lower	Upper
149	100		
177	20.1	18.3	27.5
150	12.7	9.8	14.8



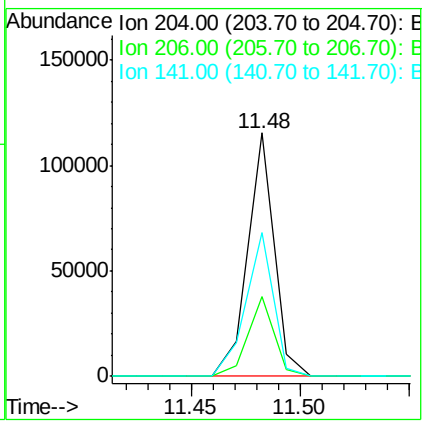


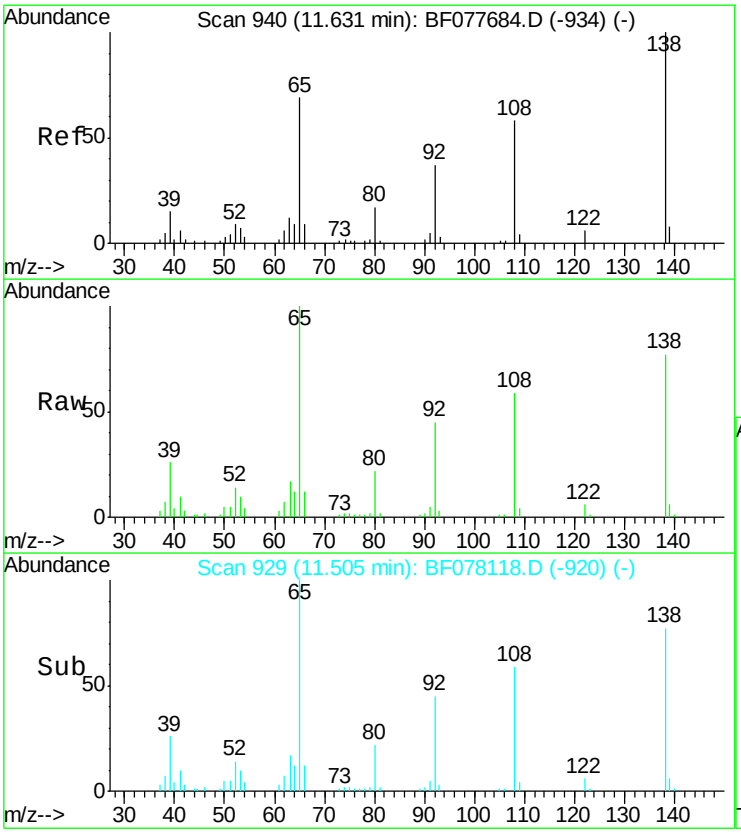
#60
4-Chlorophenyl-phenylether
Concen: 29.00 ng
RT: 11.48 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:204 Resp: 97548

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.6	39.8
141	58.9	45.2	67.8

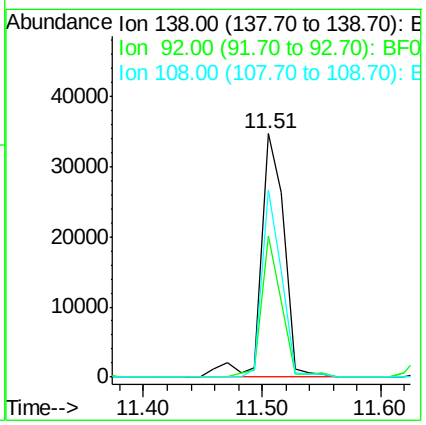


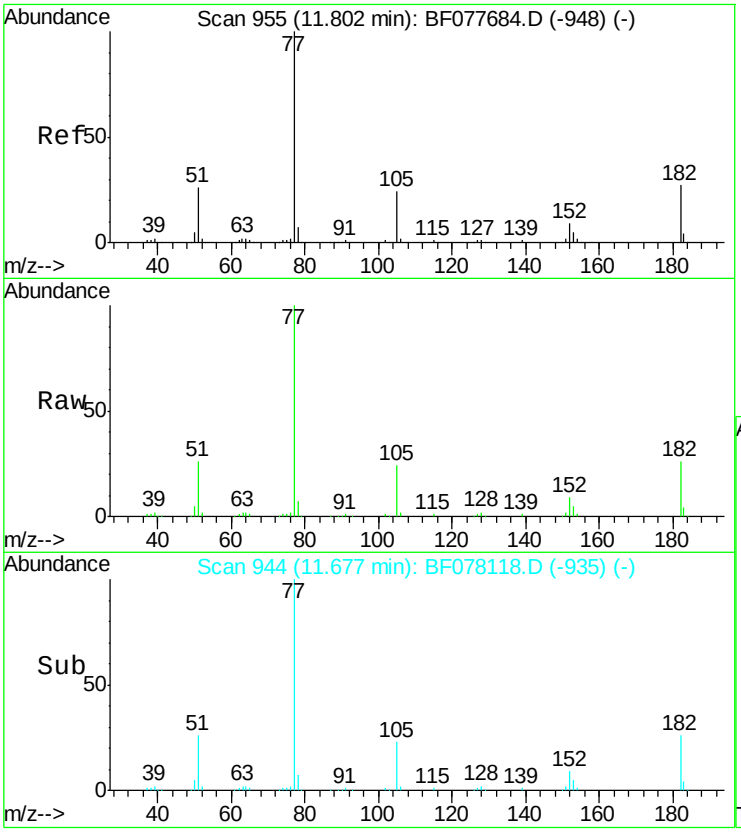


#61
4-Nitroaniline
Concen: 27.30 ng
RT: 11.51 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:138 Resp: 46942

Ion	Ratio	Lower	Upper
138	100		
92	58.1	16.7	56.7#
108	76.8	37.6	77.6



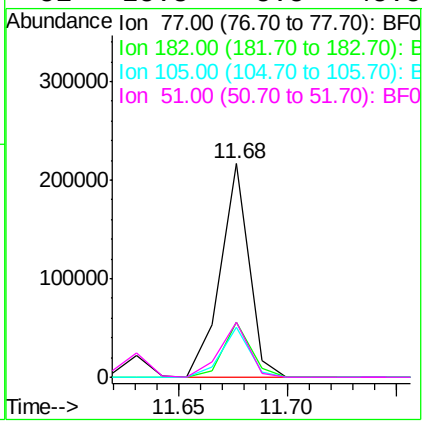


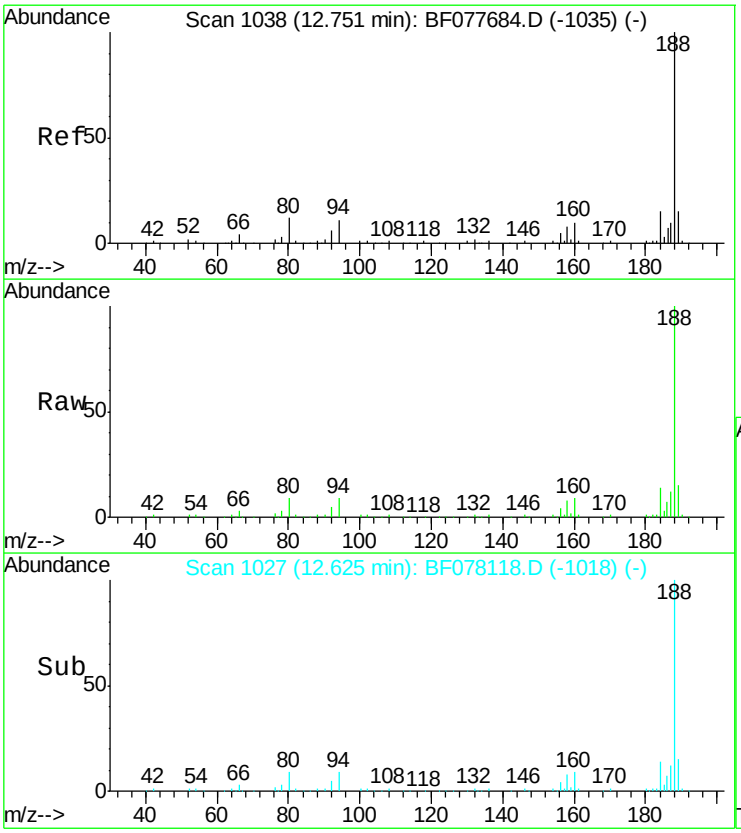
#62
Azobenzene
Concen: 29.44 ng
RT: 11.68 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion: 77 Resp: 196468

Ion	Ratio	Lower	Upper
77	100		
182	26.0	6.5	46.5
105	23.6	3.8	43.8
51	25.8	5.5	45.5

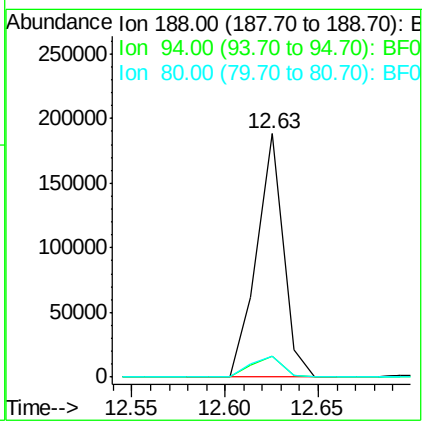


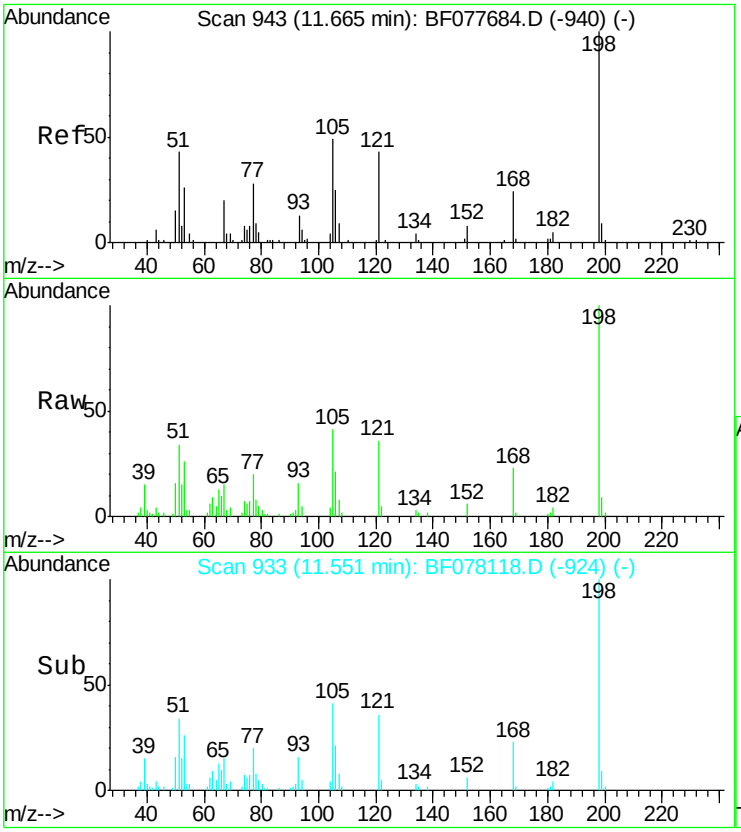


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.63 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:188 Resp: 186480

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.7	13.1#
80	8.7	9.3	13.9#



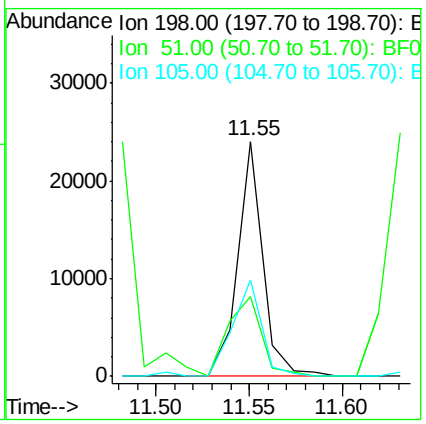


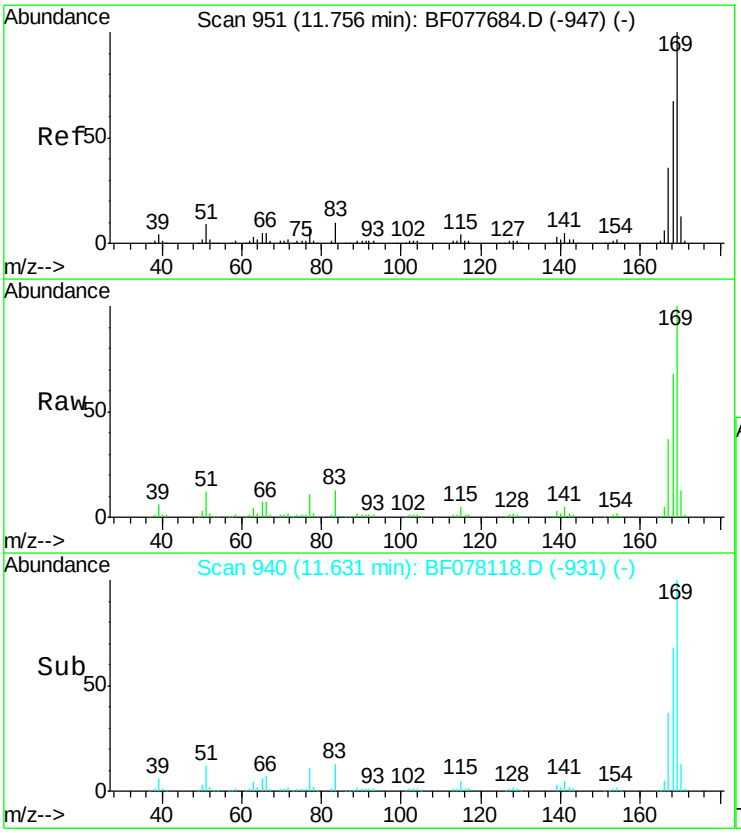
#64
4,6-Dinitro-2-methylphenol
Concen: 27.78 ng
RT: 11.55 min Scan# 933
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:198 Resp: 22709

Ion	Ratio	Lower	Upper
198	100		
51	33.8	28.8	68.8
105	40.8	30.5	70.5

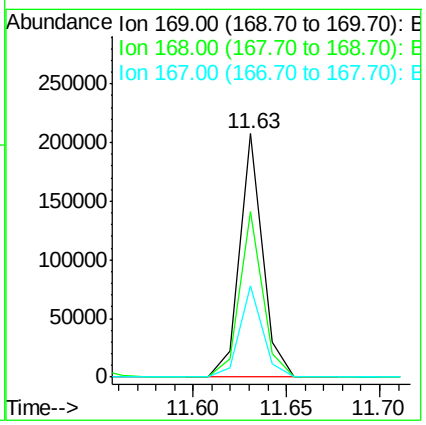


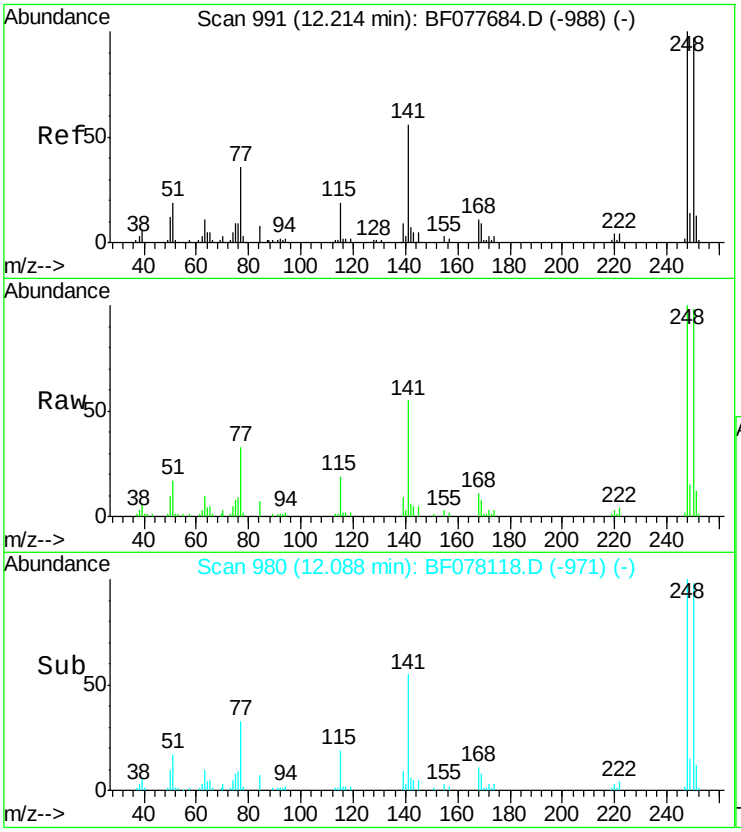


#65
n-Nitrosodiphenylamine
Concen: 28.68 ng
RT: 11.63 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:169 Resp: 178092

Ion	Ratio	Lower	Upper
169	100		
168	68.1	53.9	80.9
167	37.4	28.9	43.3



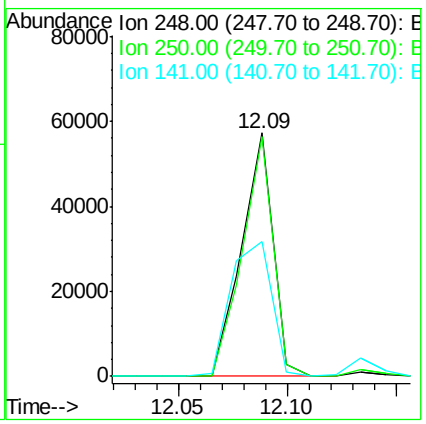


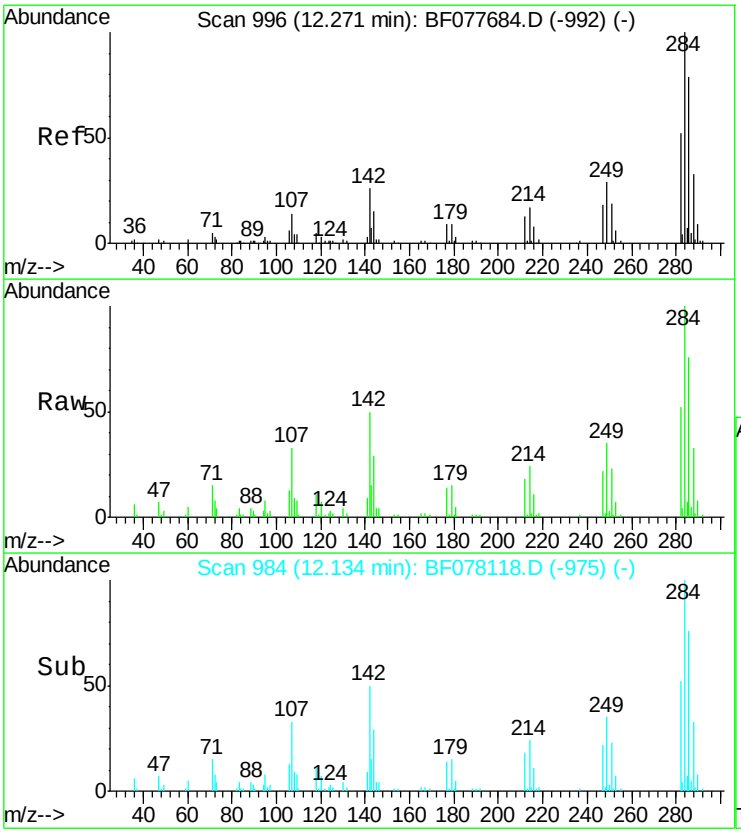
#66
4-Bromophenyl-phenylether
Concen: 28.79 ng
RT: 12.09 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:248 Resp: 57301

Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.4	116.0
141	55.2	45.2	67.8

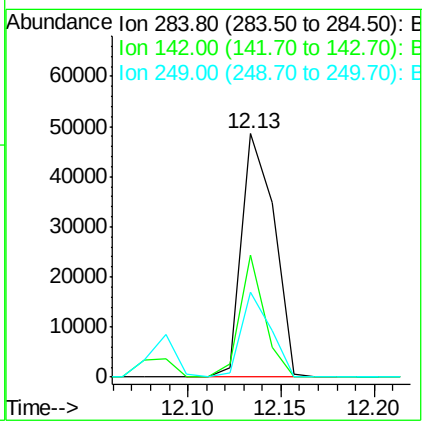


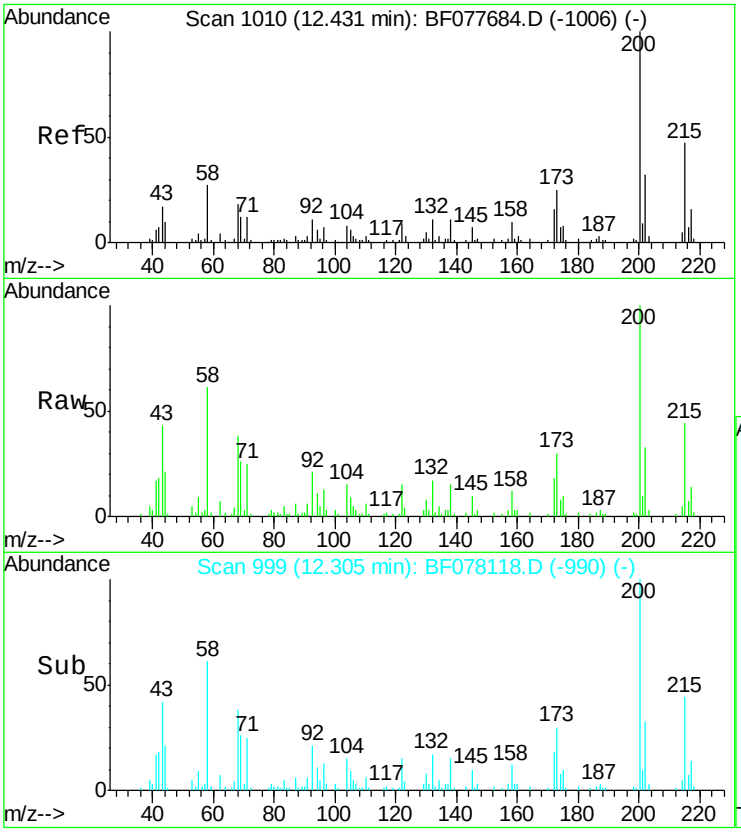


#67
Hexachlorobenzene
Concen: 26.91 ng
RT: 12.13 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:284 Resp: 58853

Ion	Ratio	Lower	Upper
284	100		
142	49.9	20.4	30.6#
249	34.7	23.8	35.6

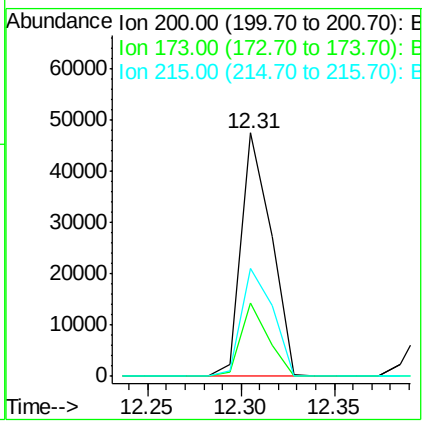




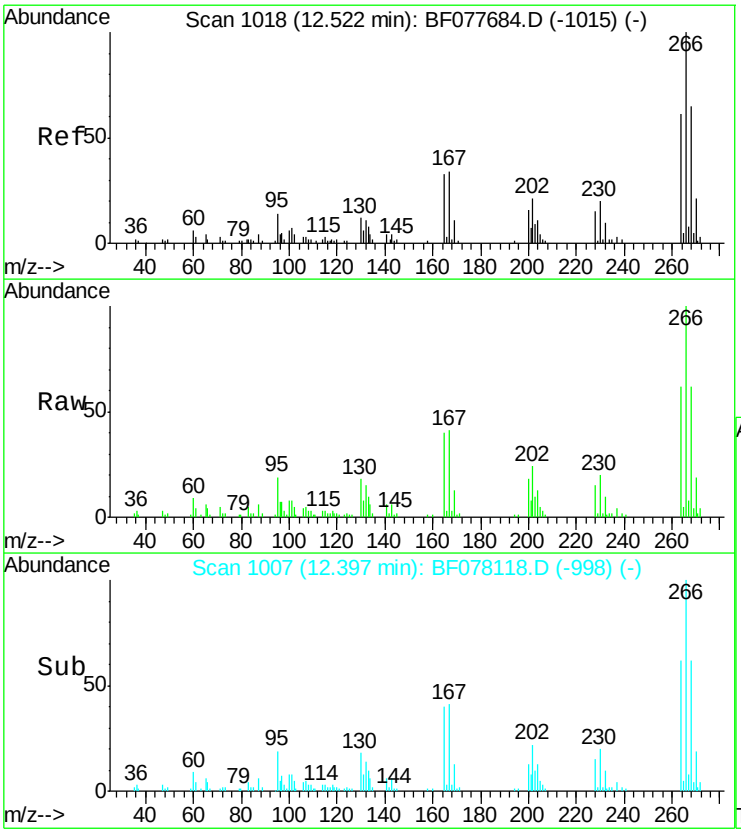
#68
Atrazine
Concen: 30.56 ng
RT: 12.31 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:200 Resp: 53183

Ion	Ratio	Lower	Upper
200	100		
173	30.1	4.8	44.8
215	44.2	26.9	66.9



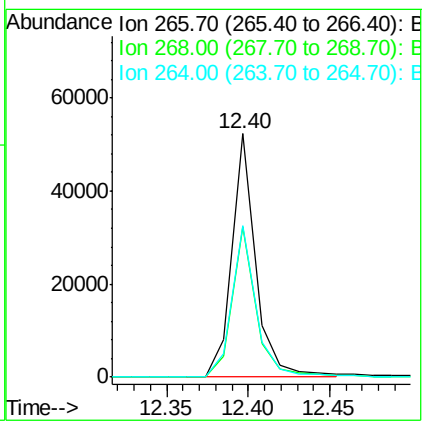
Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

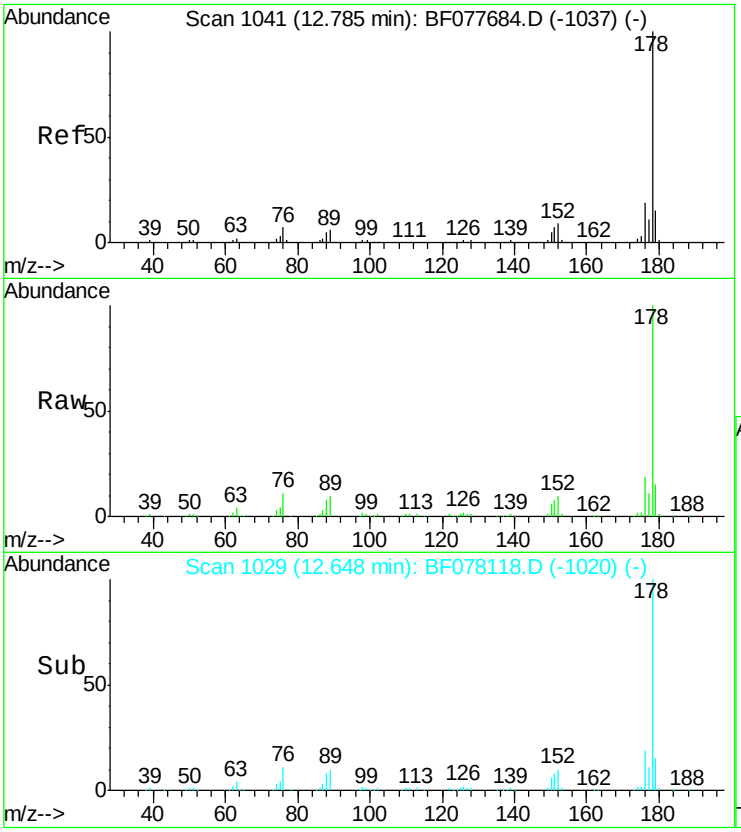


#69
Pentachlorophenol
Concen: 47.29 ng
RT: 12.40 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:266 Resp: 52664

Ion	Ratio	Lower	Upper
266	100		
268	61.5	52.0	78.0
264	62.1	49.0	73.4



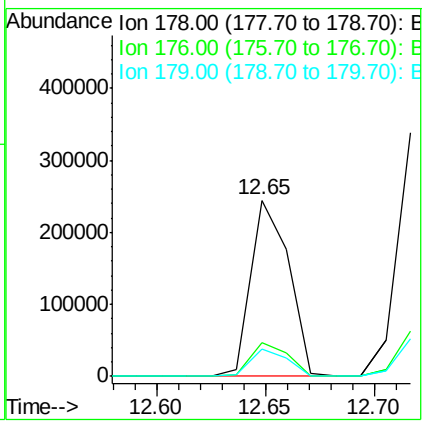


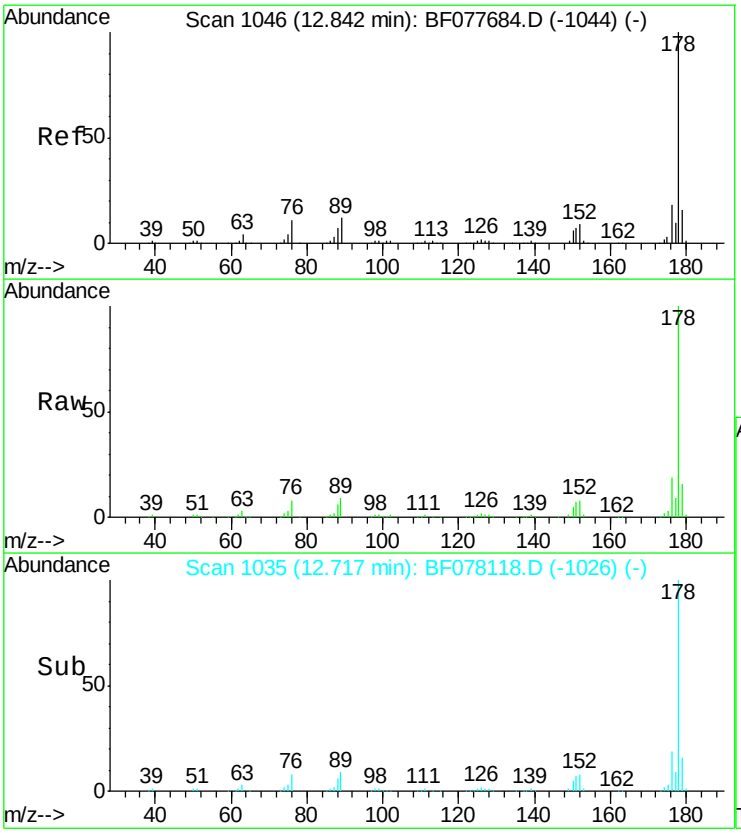
#70
Phenanthrene
Concen: 27.83 ng
RT: 12.65 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:178 Resp: 297890

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.4	12.1	18.1

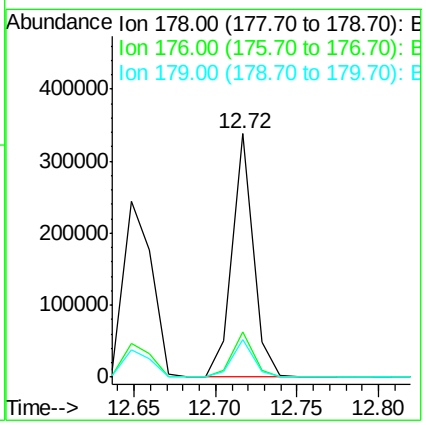


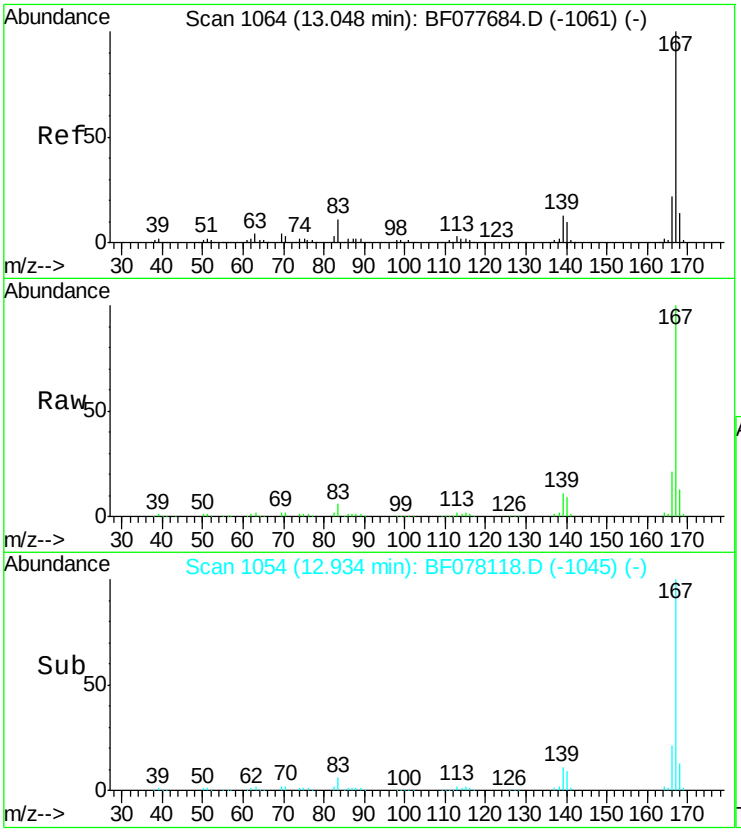


#71
Anthracene
Concen: 28.46 ng
RT: 12.72 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:178 Resp: 301037

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.6	12.6	19.0



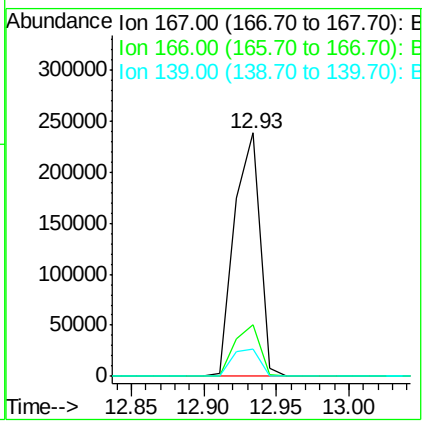


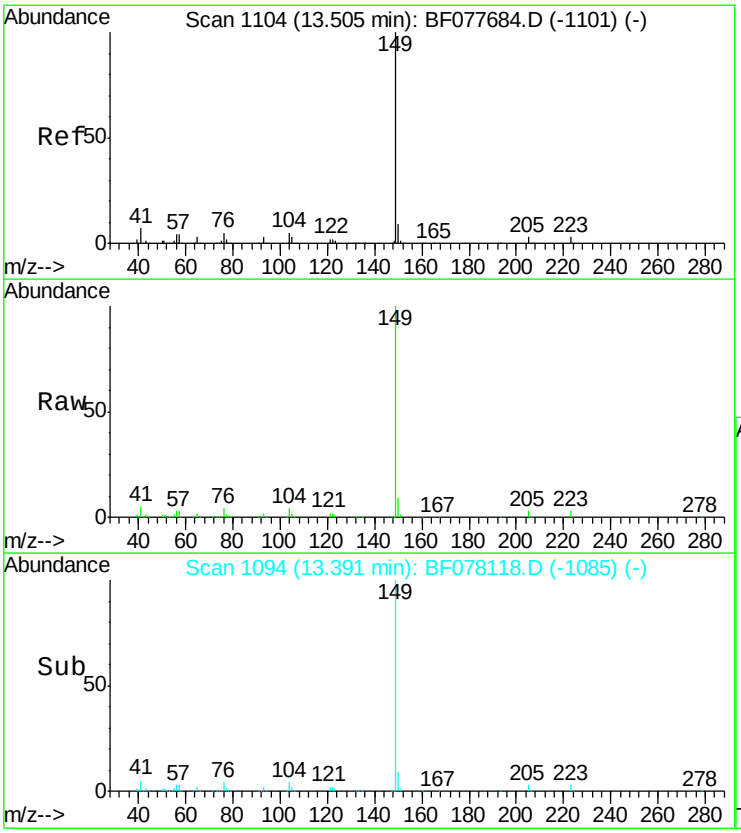
#72
Carbazole
Concen: 29.02 ng
RT: 12.93 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:167 Resp: 291934

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.2	25.8
139	11.3	10.8	16.2

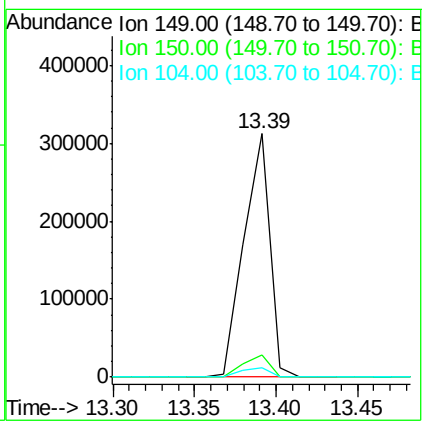


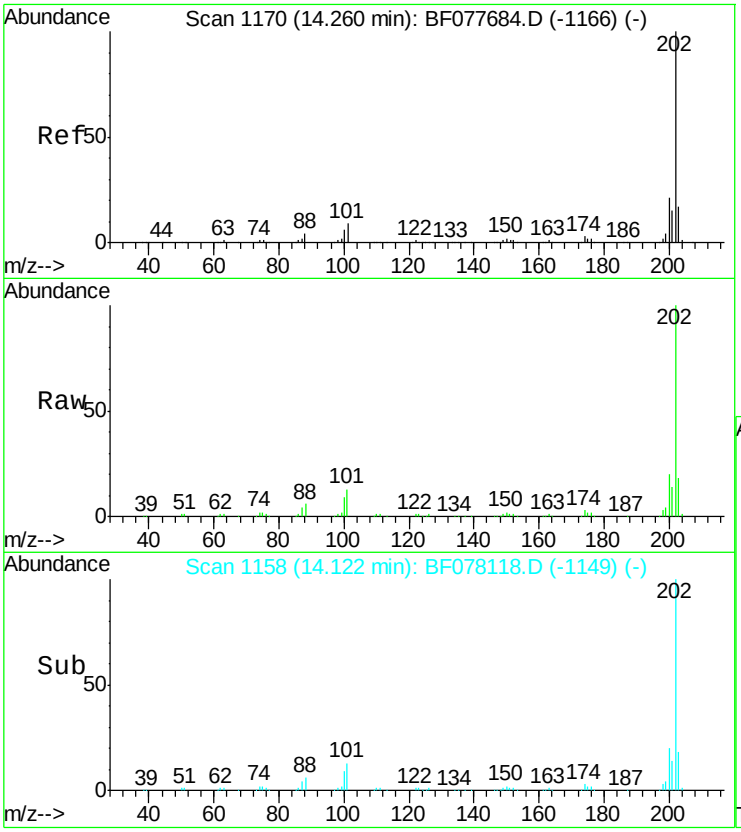


#73
Di-n-butylphthalate
Concen: 30.27 ng
RT: 13.39 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:149 Resp: 341438

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	4.1	3.7	5.5



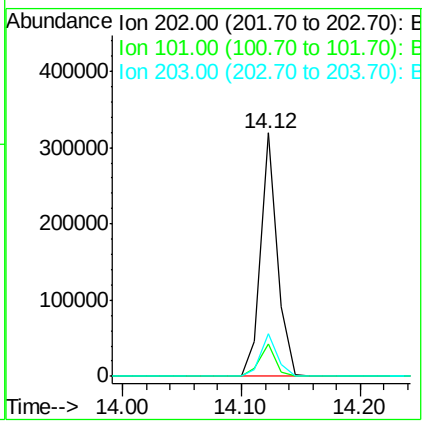


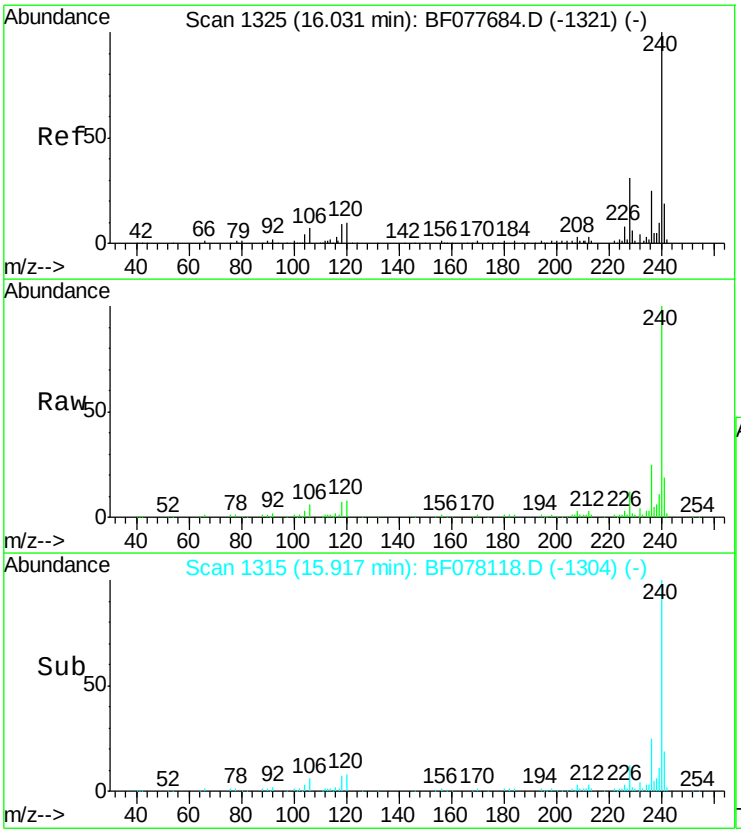
#74
Fluoranthene
Concen: 26.71 ng
RT: 14.12 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:202 Resp: 315355

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	28.7
203	17.6	0.0	37.2

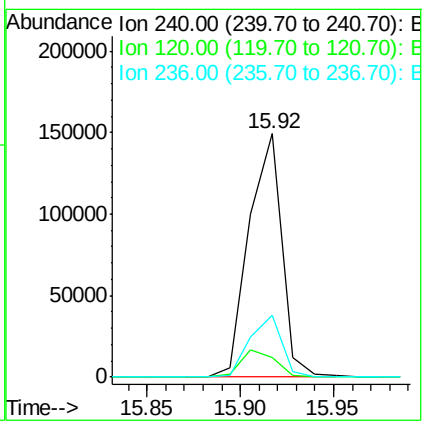


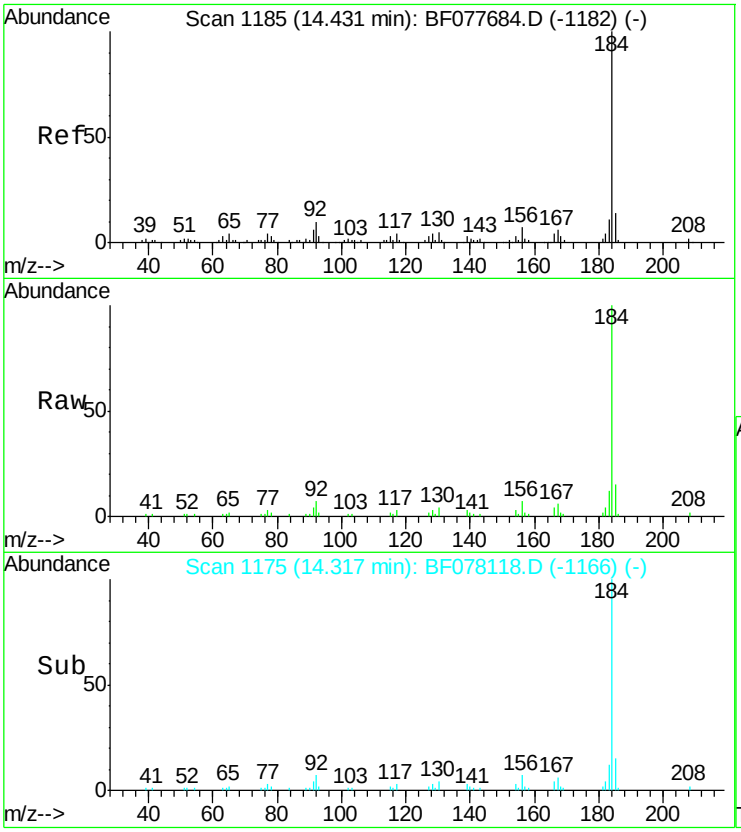


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.92 min Scan# 1315
Delta R.T. 0.02 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:240 Resp: 185030

Ion	Ratio	Lower	Upper
240	100		
120	8.2	8.2	12.2
236	25.4	20.0	30.0



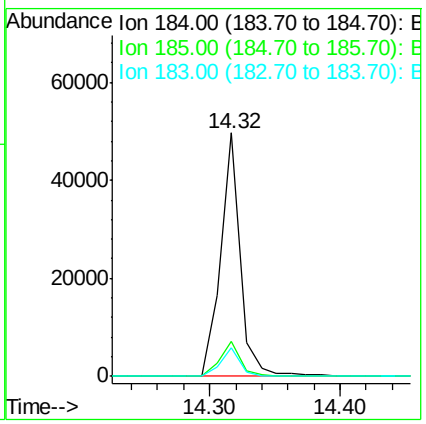


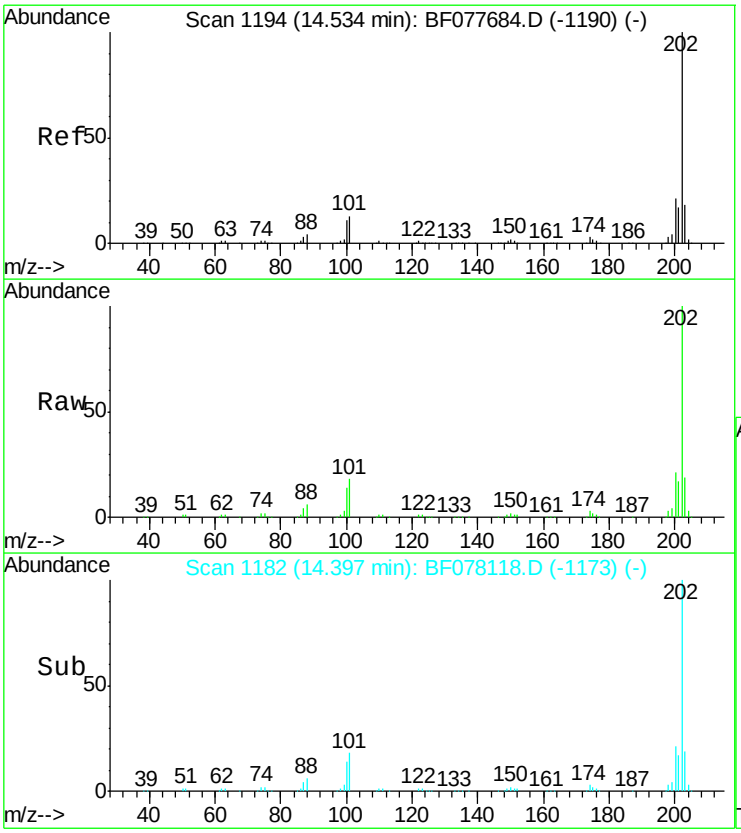
#76
Benzidine
Concen: 11.17 ng
RT: 14.32 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:184 Resp: 52725

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.3	16.9
183	11.5	8.9	13.3

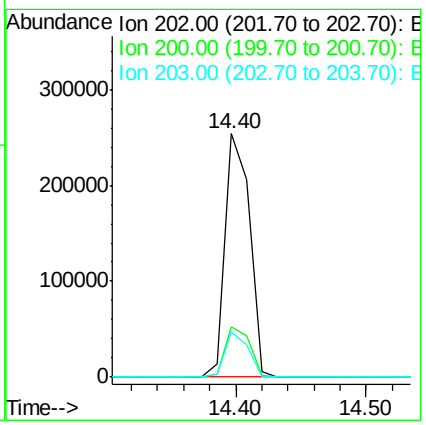


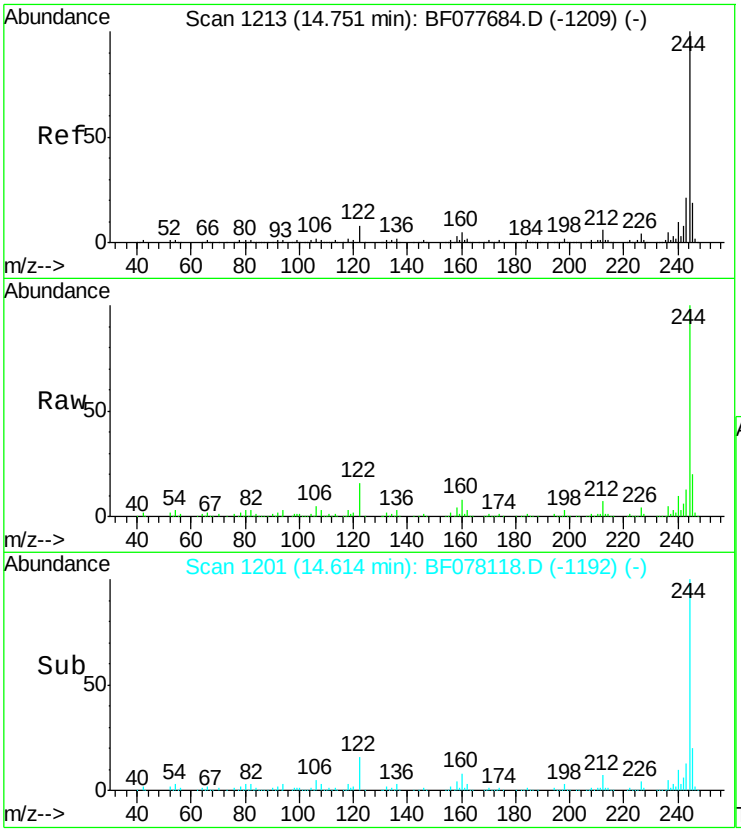


#77
Pyrene
Concen: 28.50 ng
RT: 14.40 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:202 Resp: 331627

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	18.7	14.1	21.1



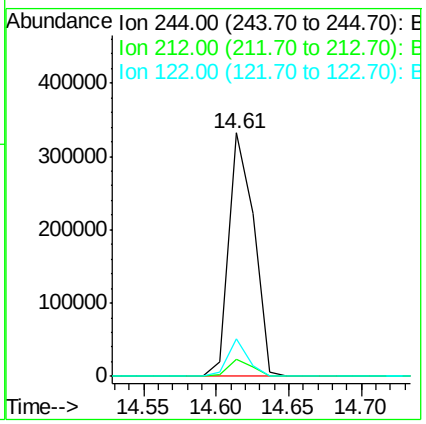


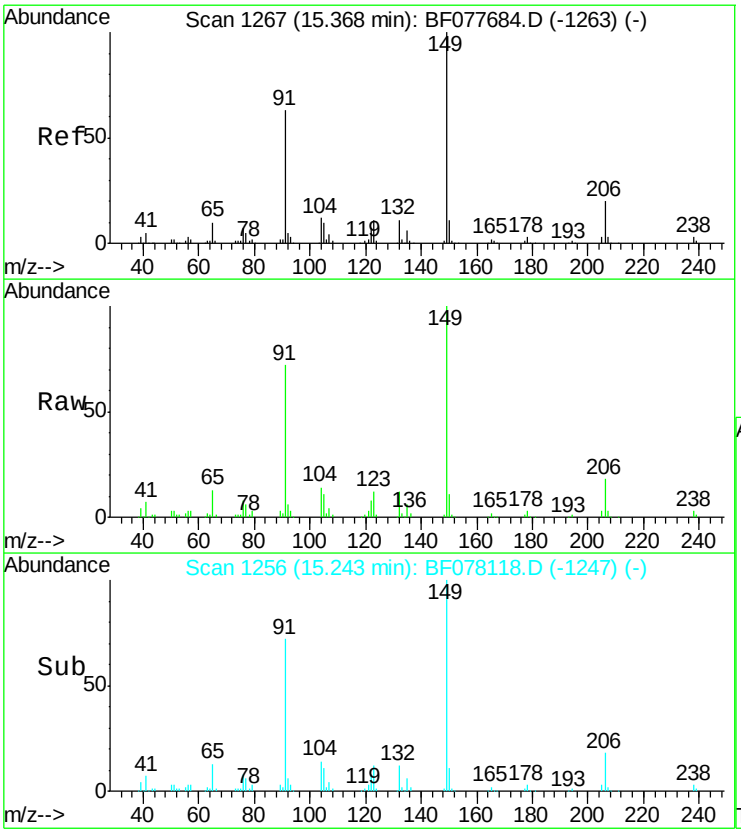
#78
Terphenyl-d14
Concen: 52.59 ng
RT: 14.61 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:244 Resp: 398365

Ion	Ratio	Lower	Upper
244	100		
212	7.1	4.9	7.3
122	15.5	6.2	9.4#

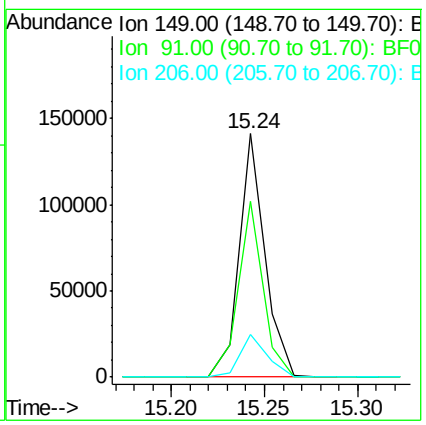


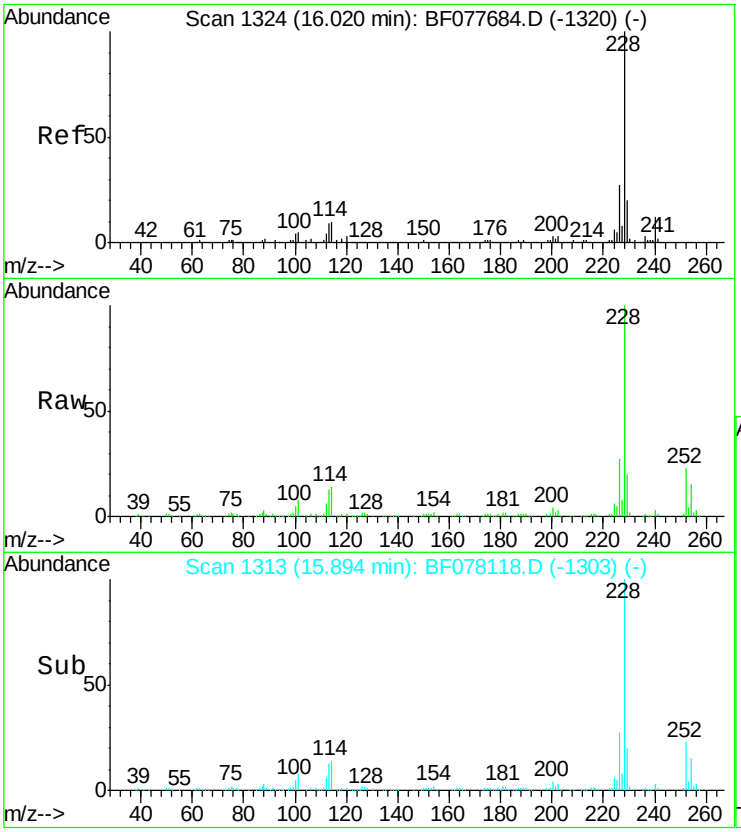


#79
Butylbenzylphthalate
Concen: 29.55 ng
RT: 15.24 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:149 Resp: 135553

Ion	Ratio	Lower	Upper
149	100		
91	72.1	50.1	75.1
206	17.5	16.2	24.2



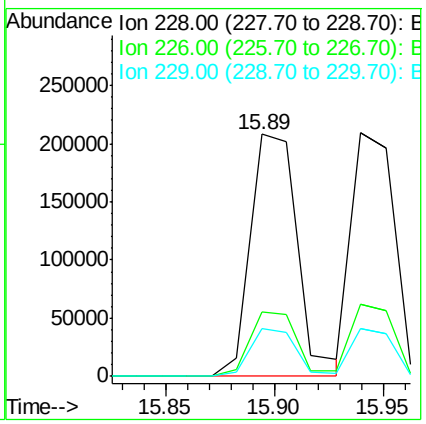


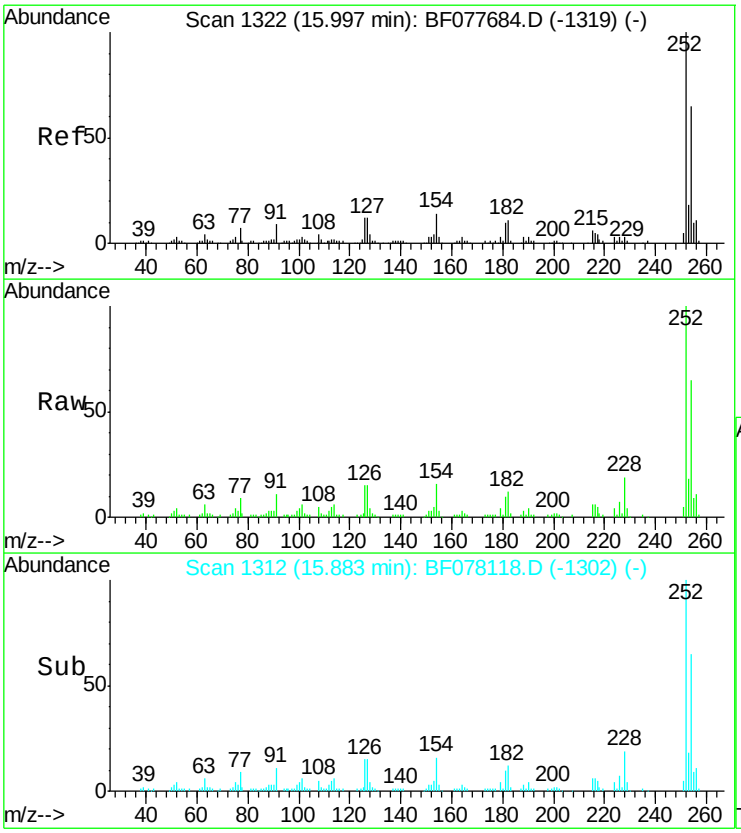
#80
Benzo(a)anthracene
Concen: 28.64 ng
RT: 15.89 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:228 Resp: 314173

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.7	32.5
229	19.9	16.0	24.0

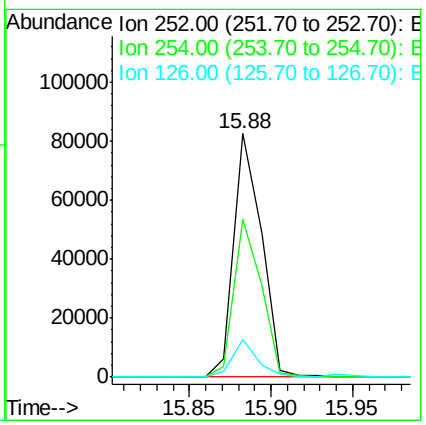


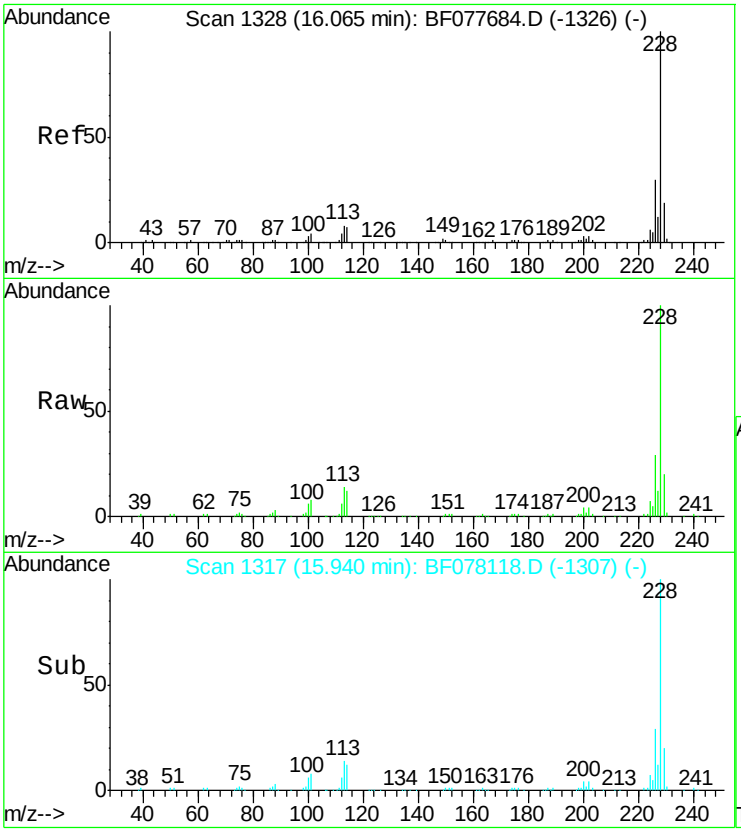


#81
3,3'-Dichlorobenzidine
Concen: 26.66 ng
RT: 15.88 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:252 Resp: 96440

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.9	77.9
126	15.2	9.8	14.8#



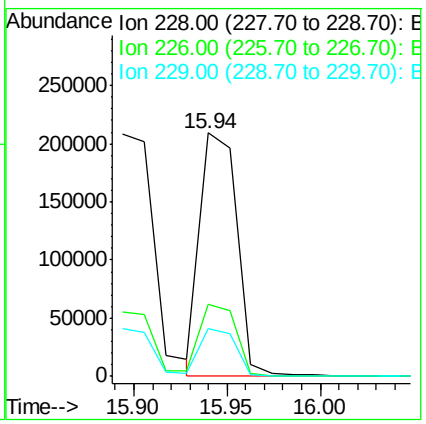


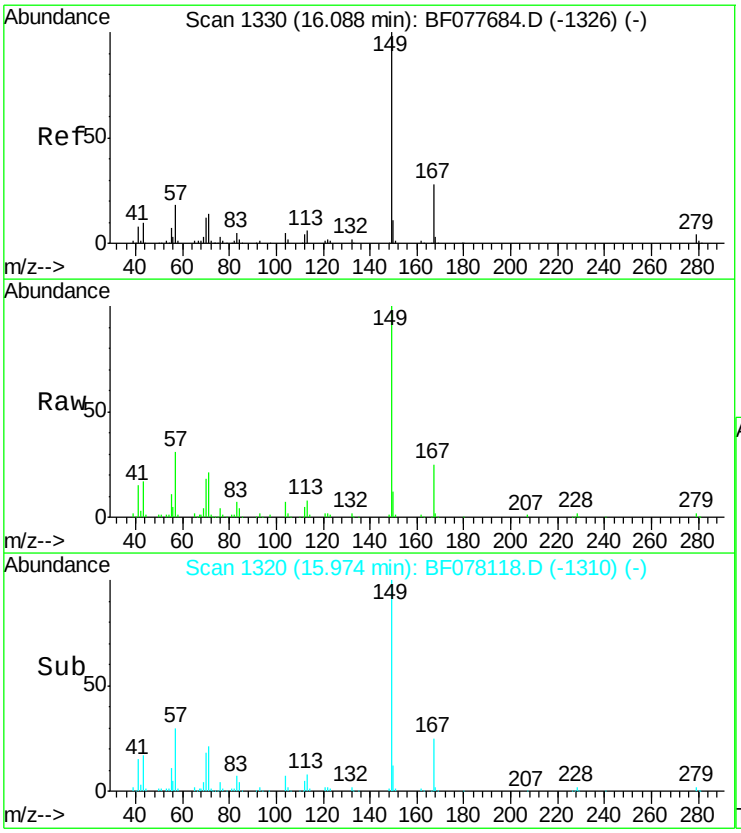
#82
Chrysene
Concen: 29.11 ng
RT: 15.94 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:228 Resp: 287132

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.1	36.1
229	19.6	15.5	23.3

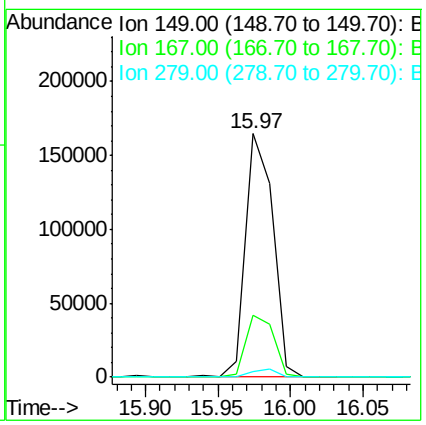


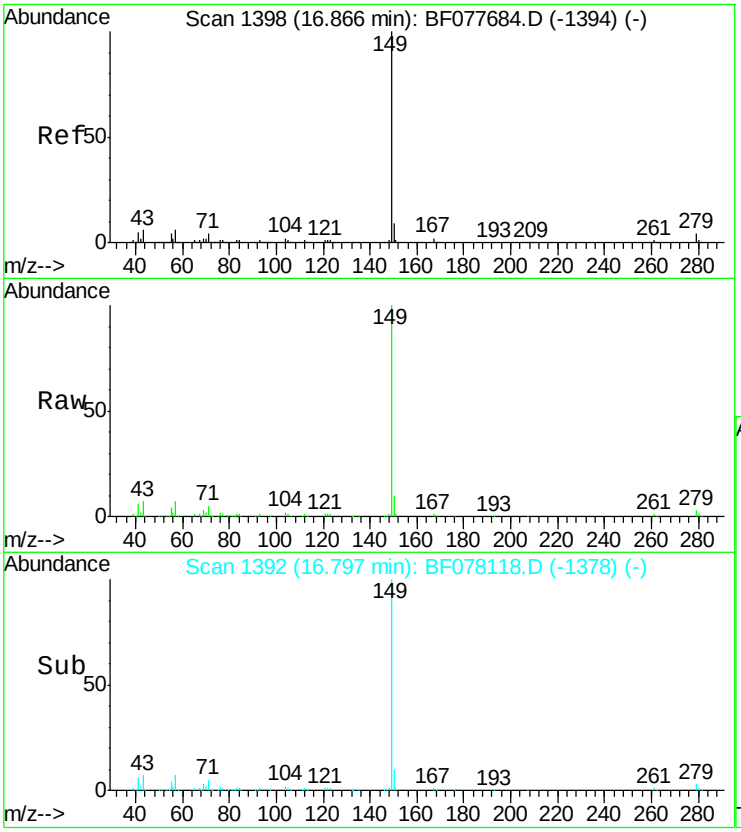


#83
Bis(2-ethylhexyl)phthalate
Concen: 31.12 ng
RT: 15.97 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:149 Resp: 216235

Ion	Ratio	Lower	Upper
149	100		
167	25.3	22.4	33.6
279	2.2	3.4	5.0#



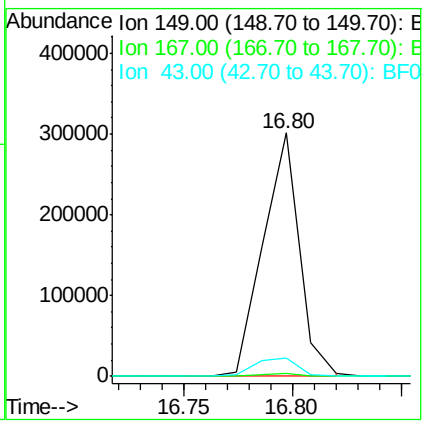


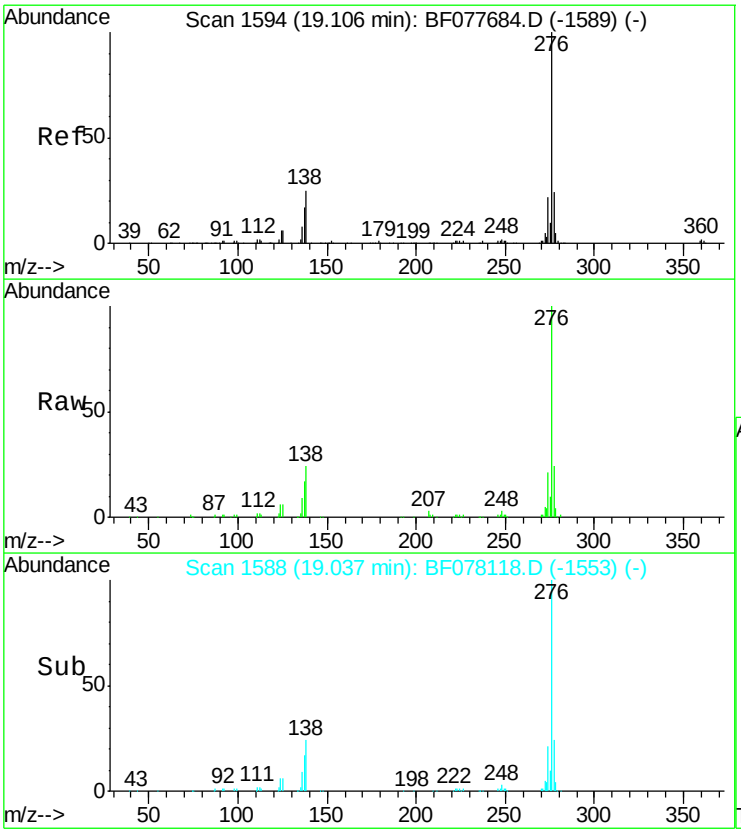
#84
Di-n-octyl phthalate
Concen: 29.63 ng
RT: 16.80 min Scan# 1392
Delta R.T. 0.06 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:149 Resp: 351992

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	9.2	7.3	10.9

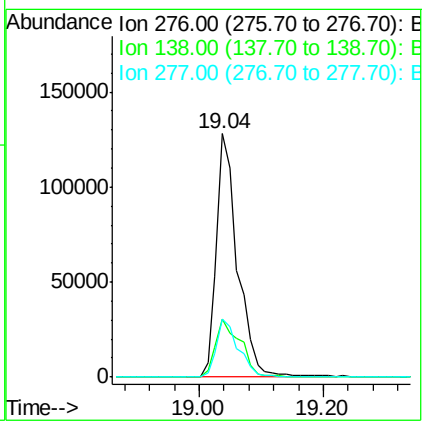


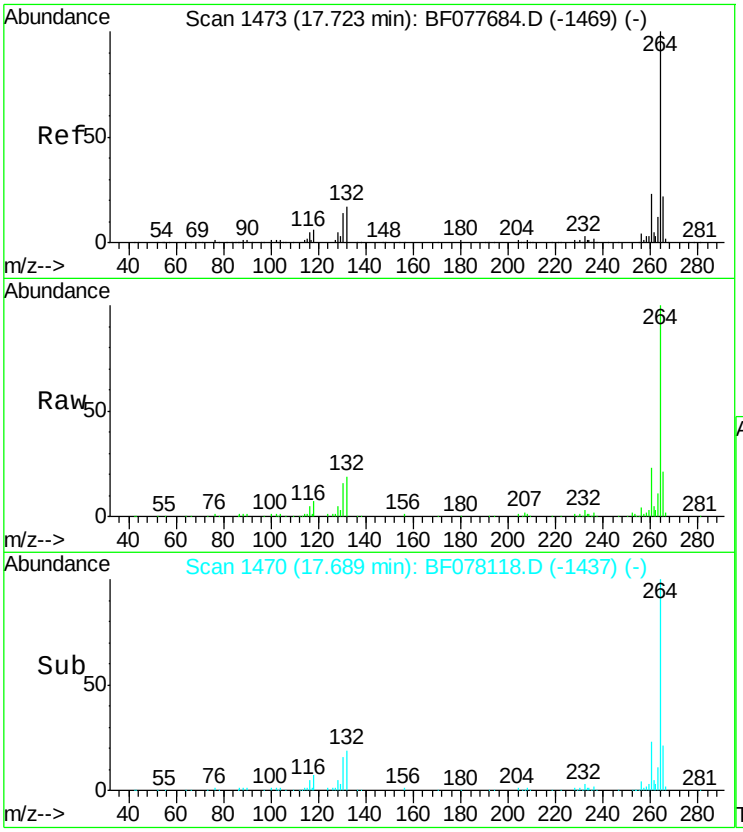


#85
Indeno(1,2,3-cd)pyrene
Concen: 24.43 ng
RT: 19.04 min Scan# 1588
Delta R.T. 0.10 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:276 Resp: 300749

Ion	Ratio	Lower	Upper
276	100		
138	28.5	0.0	0.0#
277	24.8	0.0	0.0#



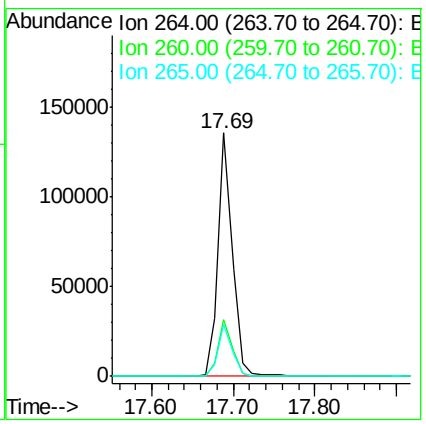


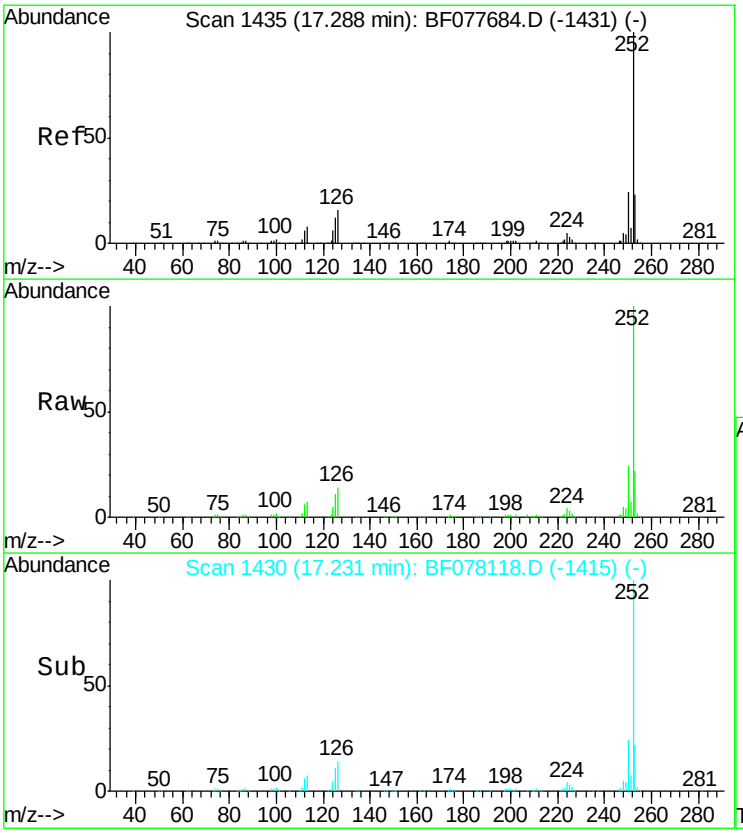
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.69 min Scan# 1470
Delta R.T. 0.08 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:264 Resp: 165425

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	21.4	17.3	25.9

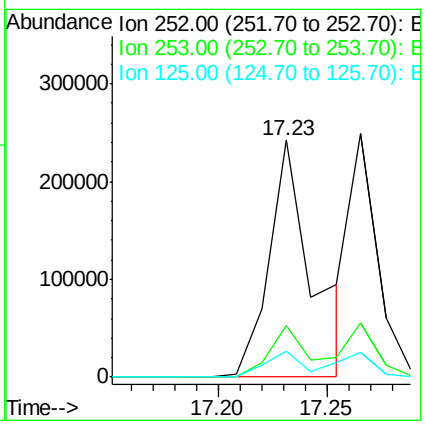


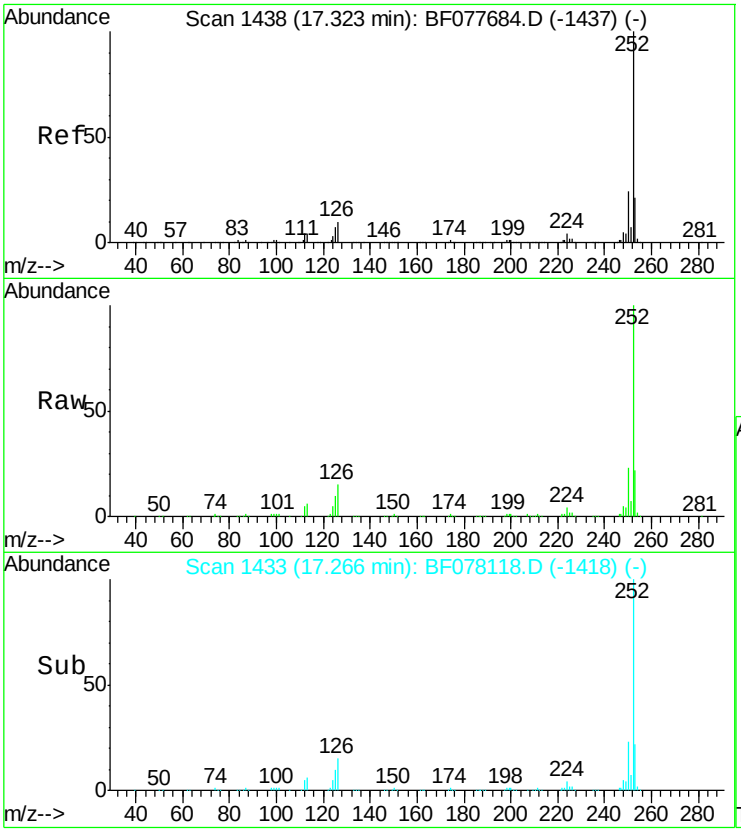


#87
Benzo(b)fluoranthene
Concen: 31.21 ng
RT: 17.23 min Scan# 1430
Delta R.T. 0.07 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:252 Resp: 337089

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	10.8	9.9	14.9



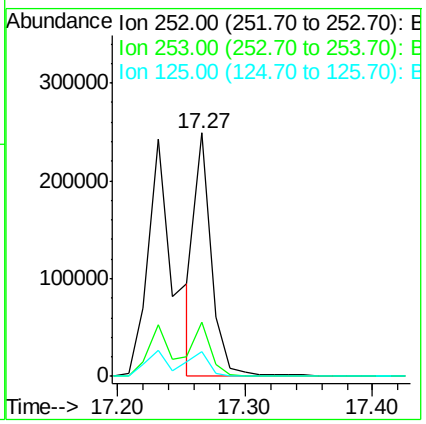


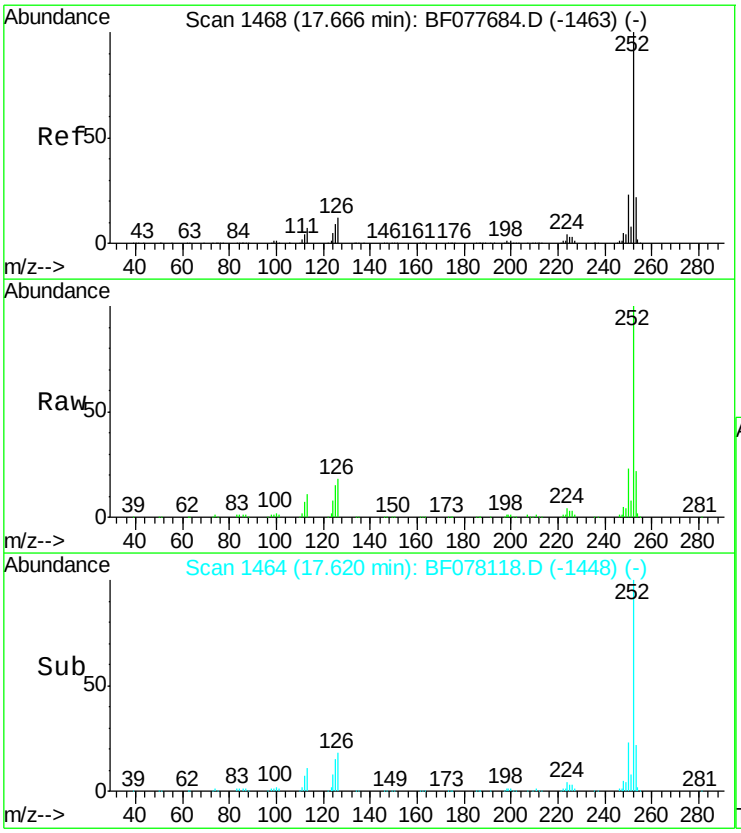
#88
Benzo(k)fluoranthene
Concen: 26.83 ng m
RT: 17.27 min Scan# 1433
Delta R.T. 0.07 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:252 Resp: 226346

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	10.2	8.1	12.1

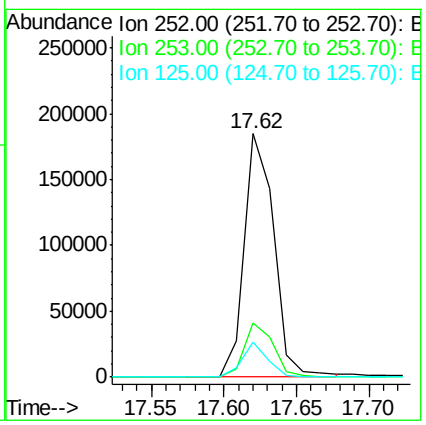


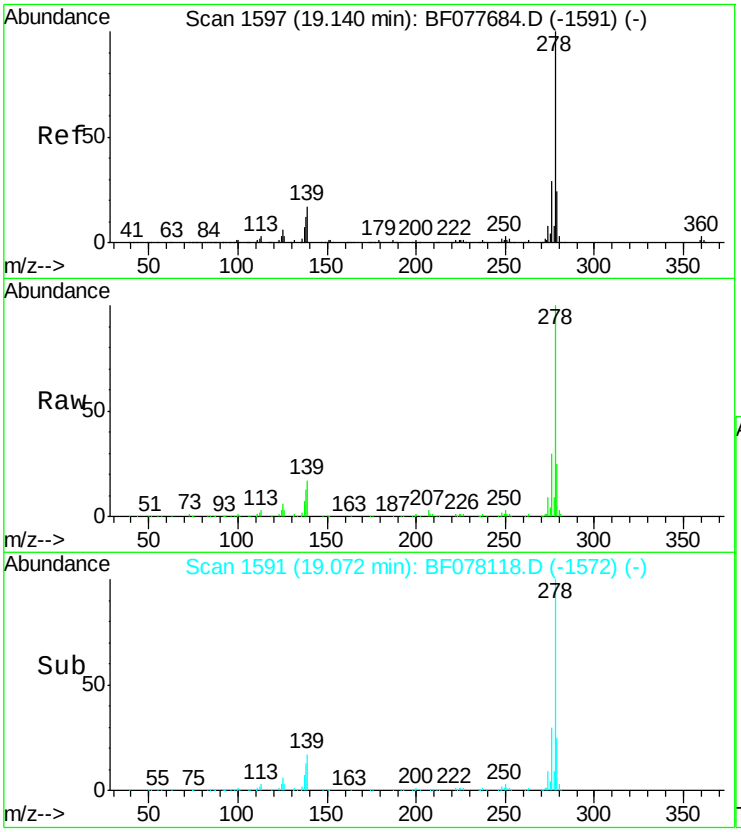


#89
Benzo(a)pyrene
Concen: 29.19 ng
RT: 17.62 min Scan# 1464
Delta R.T. 0.08 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:252 Resp: 263003

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	14.6	7.4	11.2#



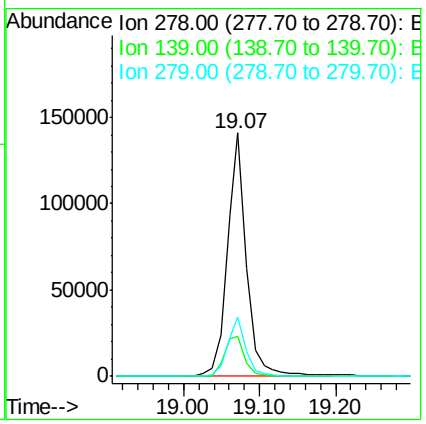


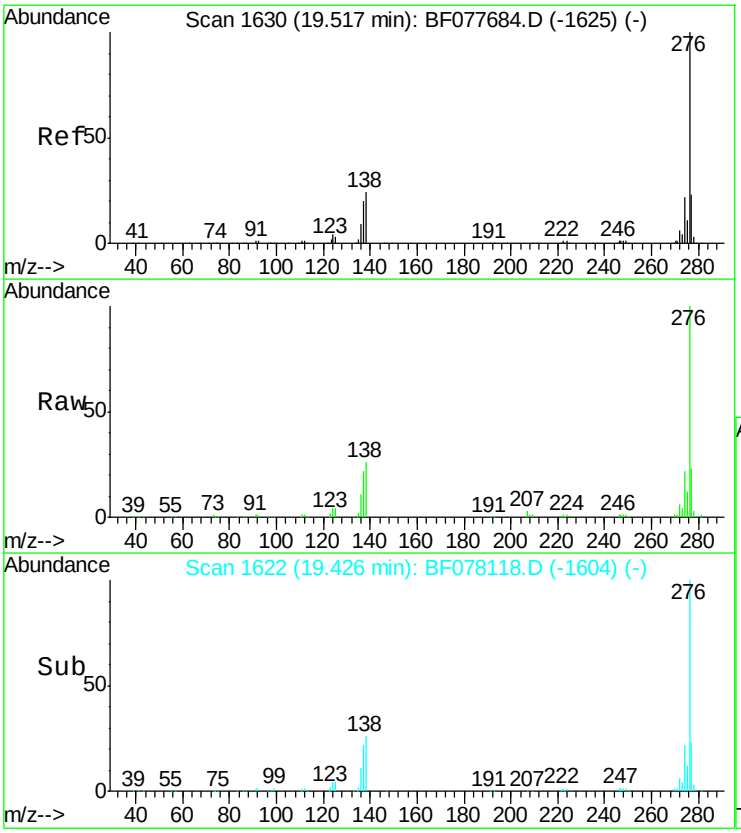
#90
Dibenzo(a,h)anthracene
Concen: 27.76 ng m
RT: 19.07 min Scan# 1591
Delta R.T. 0.11 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

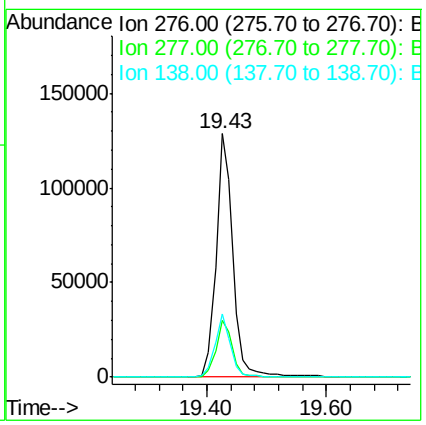
Tgt Ion:278 Resp: 248119

Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.4	20.0
279	24.5	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 27.55 ng m
RT: 19.43 min Scan# 1622
Delta R.T. 0.10 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:276 Resp: 250702

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.5	27.7
138	25.9	19.0	28.6