Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
Data File : BF078051.D
Acq On : 27 Mar 2015 22:09
Operator : TP/IZ
Sample : PB82359BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB82359BSD

Manual Integrations
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apatel
3/30/2015 6:30:49 PM

Quant Time: Mar 28 06:27:05 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 28 05:39:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	37158	20.00 ng	0.00
21) Naphthalene-d8	8.65	136	156805	20.00 ng	0.00
38) Acenaphthene-d10	10.82	164	80656	20.00 ng	0.00
63) Phenanthrene-d10	12.65	188	154676	20.00 ng	-0.01
75) Chrysene-d12	15.93	240	168209	20.00 ng	0.00
86) Perylene-d12	17.64	264	165119	20.00 ng	0.02
System Monitoring Compounds					
5) 2-Fluorophenol	5.37	112	226583	106.44 ng	0.00
7) Phenol-d6	6.67	99	288290	109.61 ng	0.00
23) Nitrobenzene-d5	7.77	82	158630	66.31 ng	-0.01
41) 2,4,6-Tribromophenol	11.80	330	73261	94.93 ng	0.00
44) 2-Fluorobiphenyl	10.00	172	360528	65.69 ng	0.00
78) Terphenyl-d14	14.65	244	446367	64.82 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	1.95	88	26172	27.08 ng	# 100
3) Pyridine	2.61	79	84908	32.70 ng	93
4) n-Nitrosodimethylamine	2.54	42	33799	29.89 ng	99
6) Aniline	6.66	93	64202	17.07 ng	91
8) 2-Chlorophenol	6.81	128	89083	35.16 ng	96
9) Benzaldehyde	6.52	77	3331	3.09 ng	98
10) Phenol	6.68	94	105920	34.07 ng	# 76
11) bis(2-Chloroethyl)ether	6.77	93	81526	35.01 ng	98
12) 1,3-Dichlorobenzene	6.99	146	92458	32.81 ng	# 93
13) 1,4-Dichlorobenzene	7.09	146	95368	32.57 ng	96
14) 1,2-Dichlorobenzene	7.28	146	89140	33.20 ng	95
15) Benzyl Alcohol	7.26	79	67090	32.68 ng	94
16) 2,2'-oxybis(1-Chloropropan	7.45	45	107892	34.38 ng	97
17) 2-Methylphenol	7.42	107	67162	32.56 ng	# 94
18) Hexachloroethane	7.69	117	31990	33.31 ng	# 86
19) n-Nitroso-di-n-propylamine	7.60	70	57217	31.45 ng	96
20) 3+4-Methylphenols	7.63	107	93716	34.62 ng	100
22) Acetophenone	7.58	105	120772	34.79 ng	# 97
24) Nitrobenzene	7.79	77	83116	32.25 ng	98
25) Isophorone	8.10	82	157320	32.56 ng	99
26) 2-Nitrophenol	8.19	139	41785	33.12 ng	97
27) 2,4-Dimethylphenol	8.27	122	79549	34.61 ng	98
28) bis(2-Chloroethoxy)methane	8.38	93	99128	33.81 ng	# 96
29) 2,4-Dichlorophenol	8.50	162	73728	33.65 ng	97
30) 1,2,4-Trichlorobenzene	8.59	180	74516	30.40 ng	95
31) Naphthalene	8.68	128	251692	31.25 ng	98
32) Benzoic acid	8.38	122	36472	29.71 ng	98
33) 4-Chloroaniline	8.76	127	59083	18.08 ng	# 96
34) Hexachlorobutadiene	8.83	225	42890	30.87 ng	97
35) Caprolactam	9.18	113	21478	33.54 ng	97
36) 4-Chloro-3-methylphenol	9.38	107	74681	33.88 ng	# 82
37) 2-Methylnaphthalene	9.54	142	175355	32.41 ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.74	216	75254	31.28 ng	# 100
40) Hexachlorocyclopentadiene	9.72	237	70807	59.64 ng	97

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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Manual Integrations APPROVED
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3/30/2015 6:30:49 PM

Quant Time: Mar 28 06:27:05 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 28 05:39:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.89	196	50548	30.33 ng		98
43) 2,4,5-Trichlorophenol	9.95	196	57247	31.80 ng		97
45) 1,1'-Biphenyl	10.12	154	203955	31.63 ng		99
46) 2-Chloronaphthalene	10.13	162	165031	31.50 ng	#	93
47) 2-Nitroaniline	10.27	65	42689	32.80 ng		85
48) Acenaphthylene	10.65	152	266906	30.63 ng		98
49) Dimethylphthalate	10.51	163	197698	33.05 ng		100
50) 2,6-Dinitrotoluene	10.58	165	39503	31.86 ng	#	84
51) Acenaphthene	10.85	154	148666	29.76 ng		98
52) 3-Nitroaniline	10.78	138	35397	24.58 ng		86
53) 2,4-Dinitrophenol	10.92	184	21204	49.92 ng	#	77
54) Dibenzofuran	11.07	168	237134	32.00 ng		93
55) 4-Nitrophenol	11.02	139	62773	58.84 ng	#	74
56) 2,4-Dinitrotoluene	11.08	165	56782	35.12 ng	#	57
57) Fluorene	11.49	166	189413	30.79 ng		99
58) 2,3,4,6-Tetrachlorophenol	11.23	232	42529	30.68 ng	#	100
59) Diethylphthalate	11.39	149	197176	33.83 ng		99
60) 4-Chlorophenyl-phenylether	11.51	204	88282	31.44 ng	#	87
61) 4-Nitroaniline	11.54	138	44104	30.73 ng		84
62) Azobenzene	11.70	77	181707	32.62 ng		90
64) 4,6-Dinitro-2-methylphenol	11.57	198	19312	28.37 ng		95
65) n-Nitrosodiphenylamine	11.65	169	169463	32.90 ng		99
66) 4-Bromophenyl-phenylether	12.11	248	55053	33.35 ng	#	89
67) Hexachlorobenzene	12.17	284	57931	31.94 ng		96
68) Atrazine	12.34	200	55412	38.39 ng		97
69) Pentachlorophenol	12.43	266	42996	46.60 ng		99
70) Phenanthrene	12.68	178	298480	33.61 ng		99
71) Anthracene	12.74	178	291563	33.23 ng		100
72) Carbazole	12.96	167	280883	33.66 ng		99
73) Di-n-butylphthalate	13.41	149	325693	34.81 ng		99
74) Fluoranthene	14.16	202	319156	32.59 ng		99
76) Benzidine	14.34	184	125103	29.94 ng		100
77) Pyrene	14.43	202	335827	31.75 ng		99
79) Butylbenzylphthalate	15.27	149	144496	34.65 ng	#	84
80) Benzo(a)anthracene	15.92	228	325417	32.64 ng		99
81) 3,3'-Dichlorobenzidine	15.91	252	71871	21.85 ng		98
82) Chrysene	15.96	228	312885	34.90 ng		99
83) Bis(2-ethylhexyl)phthalate	15.99	149	222303	35.19 ng	#	94
84) Di-n-octyl phthalate	16.77	149	386147	35.75 ng		100
85) Indeno(1,2,3-cd)pyrene	18.98	276	358814	32.06 ng	#	100
87) Benzo(b)fluoranthene	17.21	252	328460	30.47 ng	#	94
88) Benzo(k)fluoranthene	17.23	252	298890m	35.50 ng		
89) Benzo(a)pyrene	17.59	252	304221	33.82 ng		99
90) Dibenzo(a,h)anthracene	19.01	278	288293	32.32 ng		100
91) Benzo(g,h,i)perylene	19.38	276	295822	32.57 ng		96

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

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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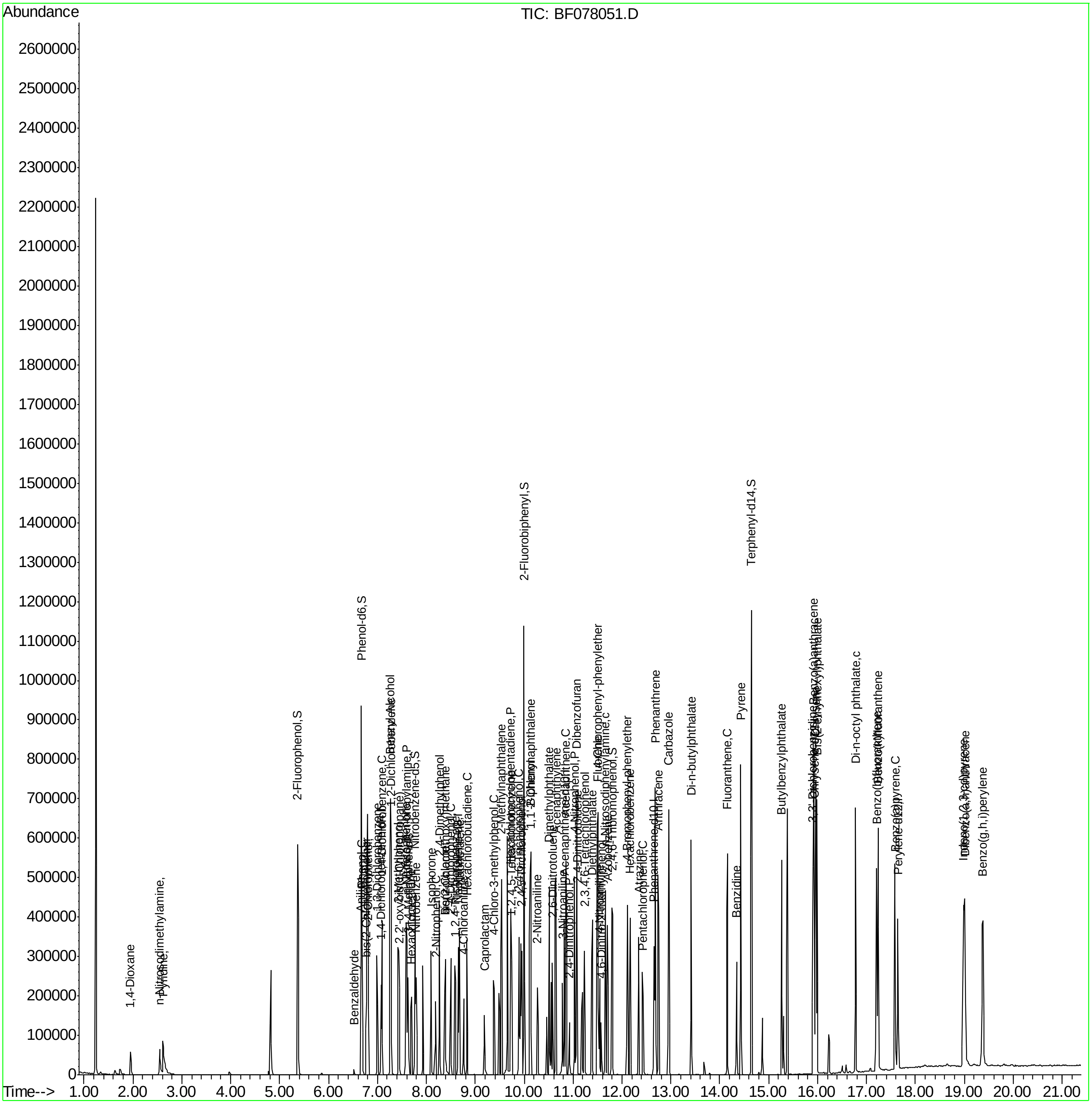

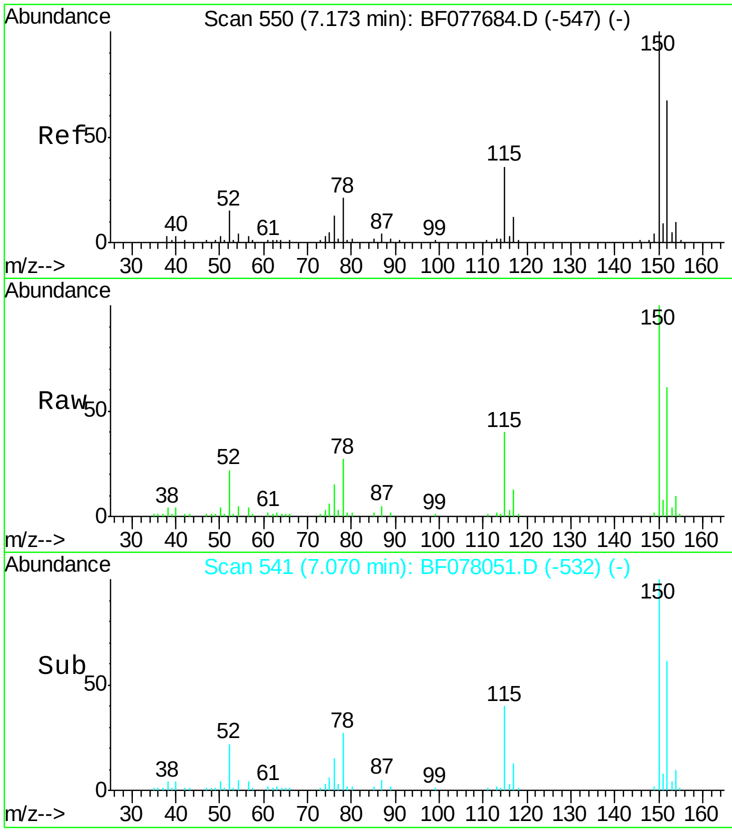

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.07 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:152 Resp: 37158

Ion	Ratio	Lower	Upper
152	100		
150	164.1	119.5	179.3
115	66.0	43.0	64.4#

Instrument :
BNA_F
ClientSampleId :
PB82359BSD

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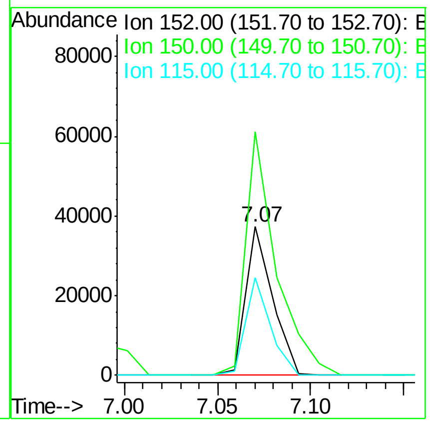
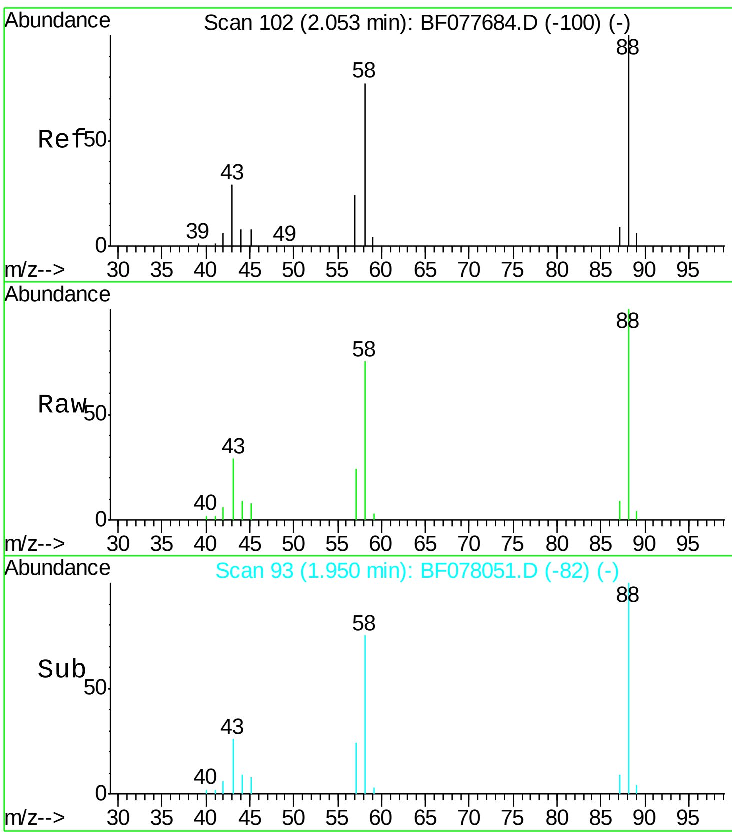
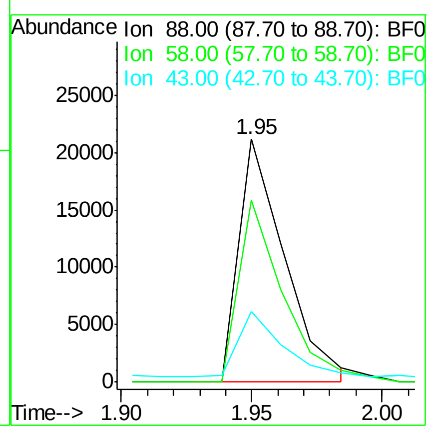


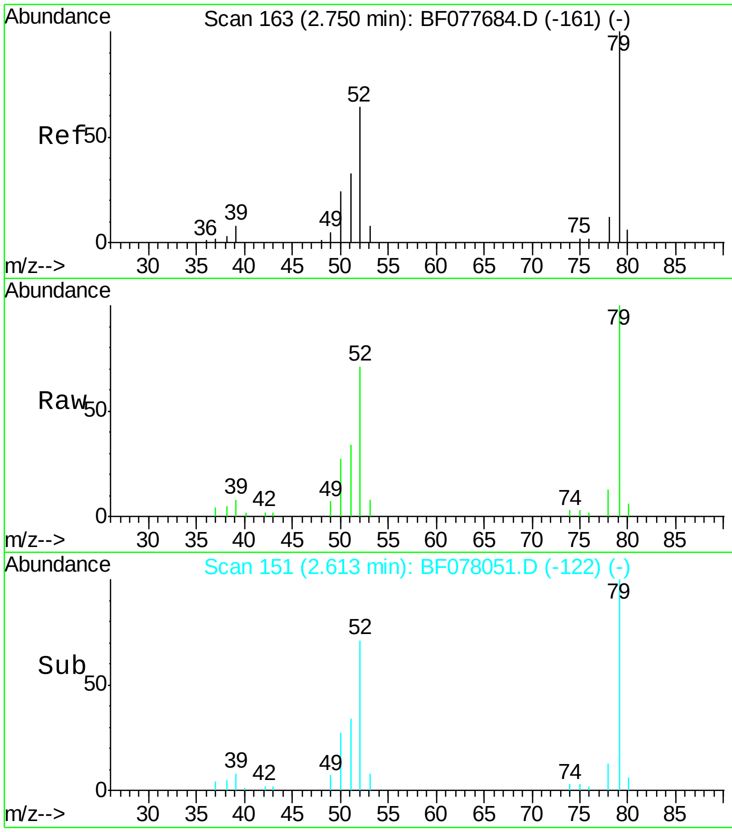


#2
1,4-Dioxane
Concen: 27.08 ng
RT: 1.95 min Scan# 93
Delta R.T. 0.02 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion: 88 Resp: 26172

Ion	Ratio	Lower	Upper
88	100		
58	72.3	0.0	0.0#
43	26.1	0.0	0.0#





#3
Pyridine
Concen: 32.70 ng
RT: 2.61 min Scan# 151
Delta R.T. 0.03 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion: 79 Resp: 84908

Ion	Ratio	Lower	Upper
79	100		
52	70.6	51.1	76.7
51	34.5	26.1	39.1

Instrument :
BNA_F
ClientSampleId :
PB82359BSD

Manual Integrations APPROVED
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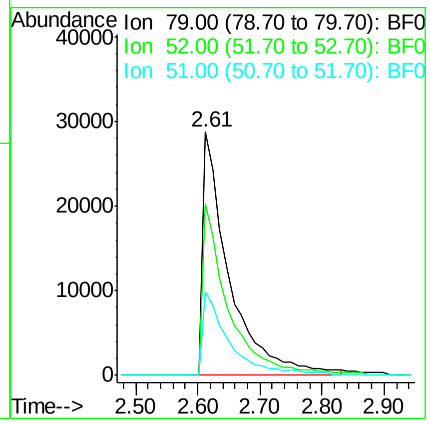
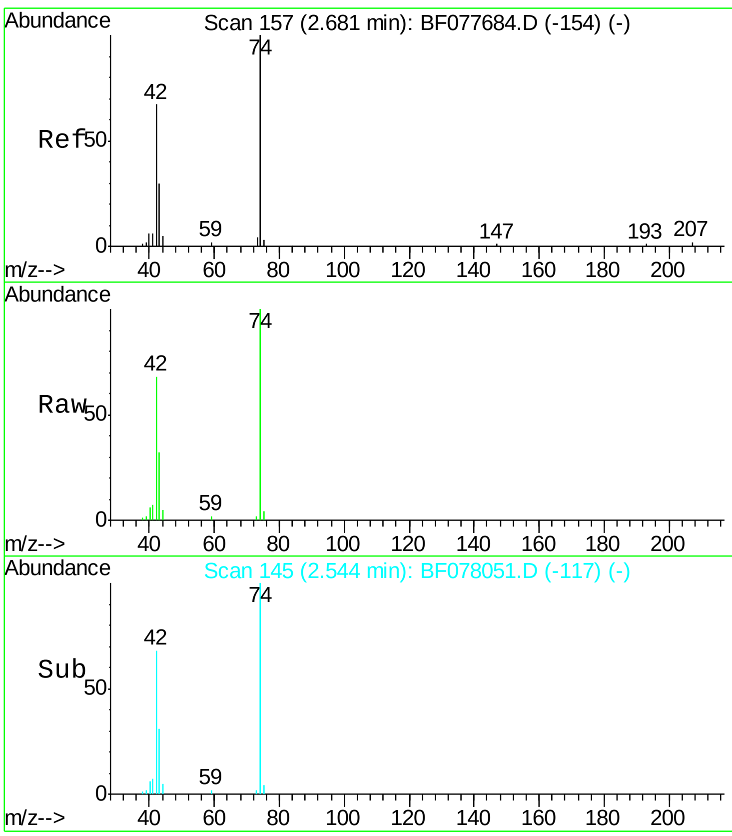
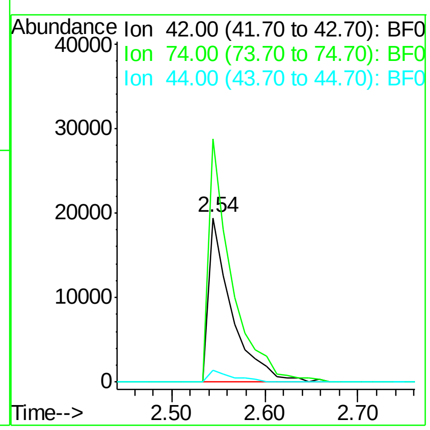


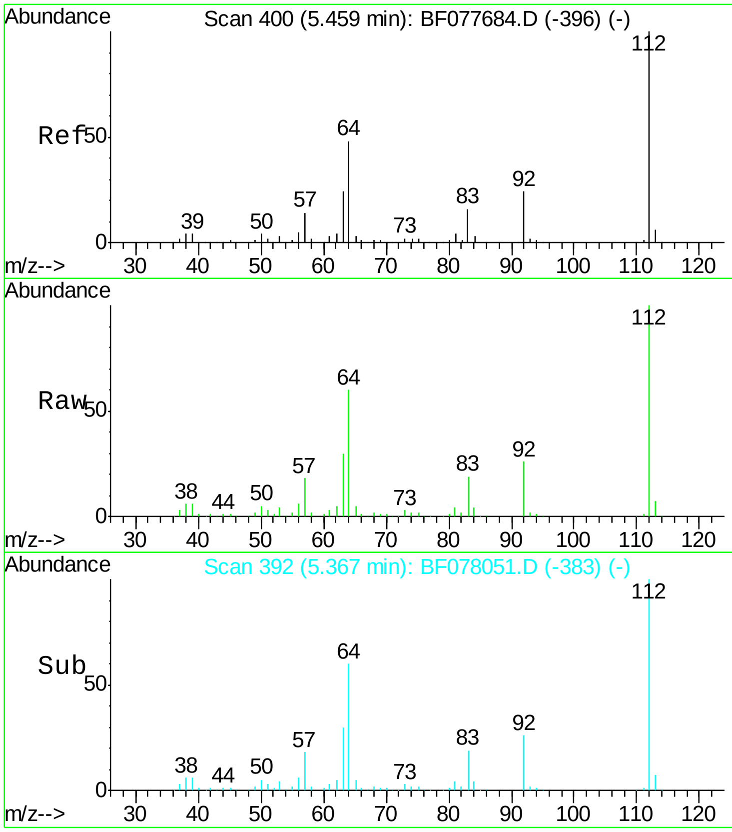


#4
n-Nitrosodimethylamine
Concen: 29.89 ng
RT: 2.54 min Scan# 145
Delta R.T. 0.02 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion: 42 Resp: 33799

Ion	Ratio	Lower	Upper
42	100		
74	147.7	119.3	178.9
44	6.9	5.4	8.2





#5
2-Fluorophenol
Concen: 106.44 ng
RT: 5.37 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Instrument :
BNA_F
ClientSampleId :
PB82359BSD

Tgt Ion:112 Resp: 226583

Ion	Ratio	Lower	Upper
112	100		
64	60.0	38.6	57.8#
63	30.2	19.3	28.9#

Manual Integrations APPROVED
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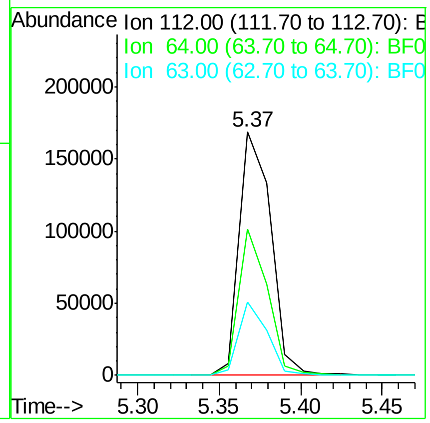
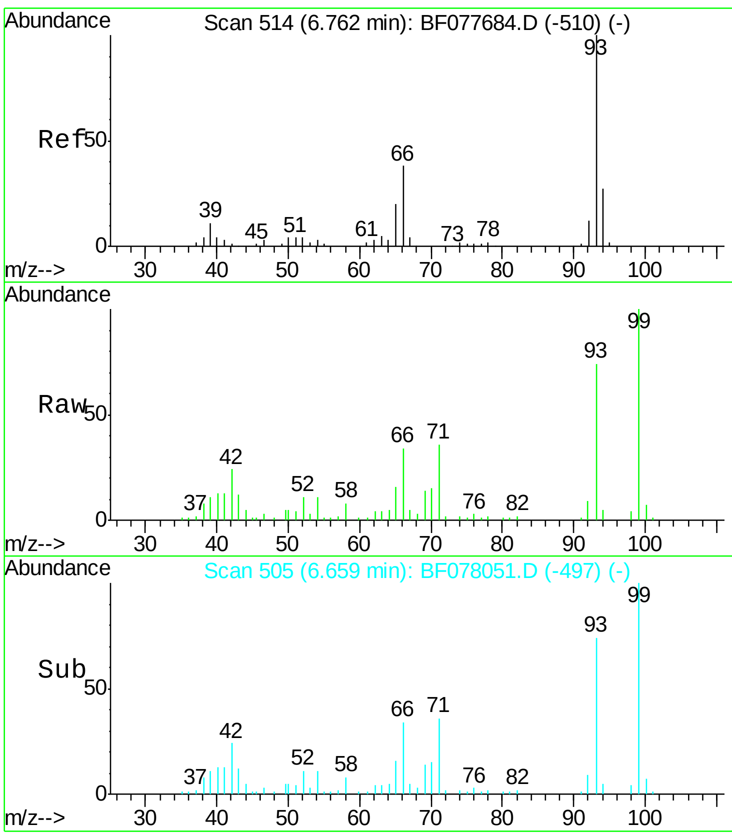
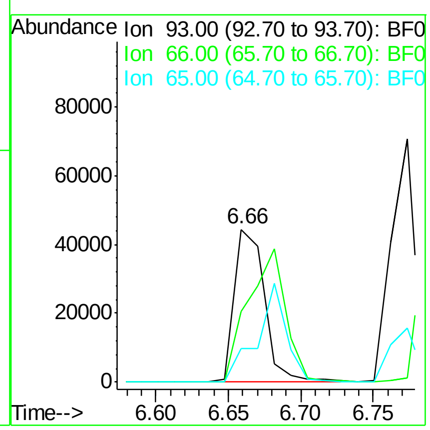


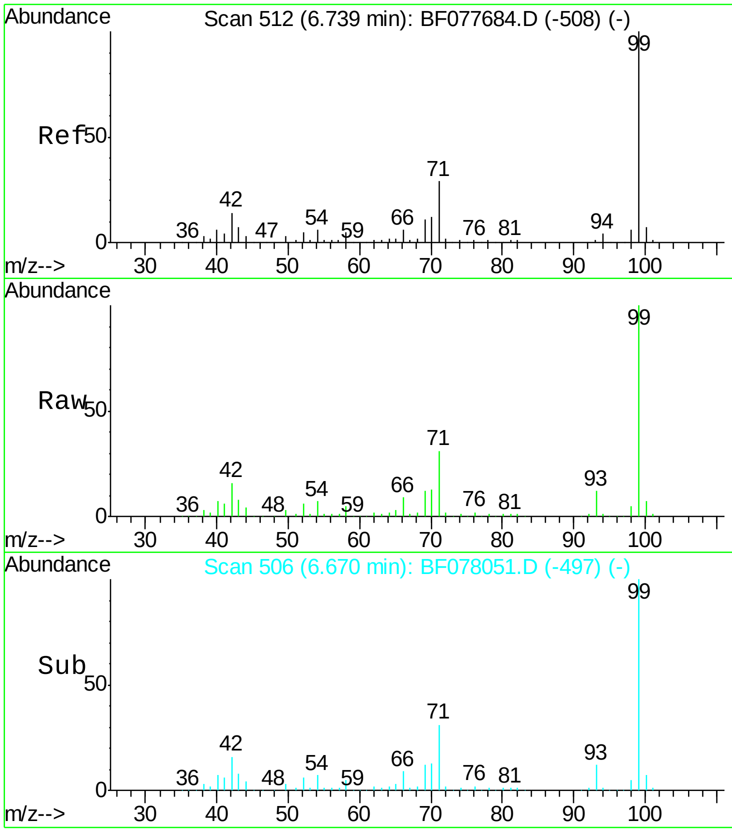


#6
Aniline
Concen: 17.07 ng
RT: 6.66 min Scan# 505
Delta R.T. -0.01 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion: 93 Resp: 64202

Ion	Ratio	Lower	Upper
93	100		
66	46.0	30.8	46.2
65	21.7	16.0	24.0





#7
Phenol-d6
Concen: 109.61 ng
RT: 6.67 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Instrument :
BNA_F
ClientSampleId :
PB82359BSD

Tgt Ion: 99 Resp: 288290

Ion	Ratio	Lower	Upper
99	100		
42	15.9	11.0	16.4
71	31.4	23.4	35.2

Manual Integrations APPROVED
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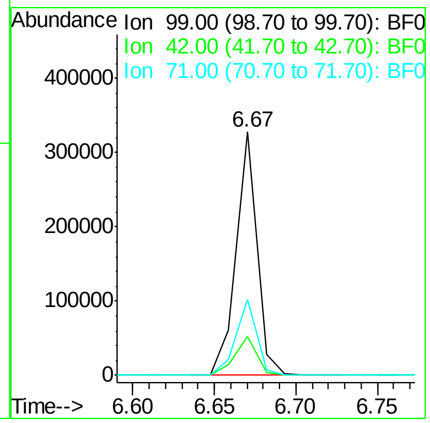
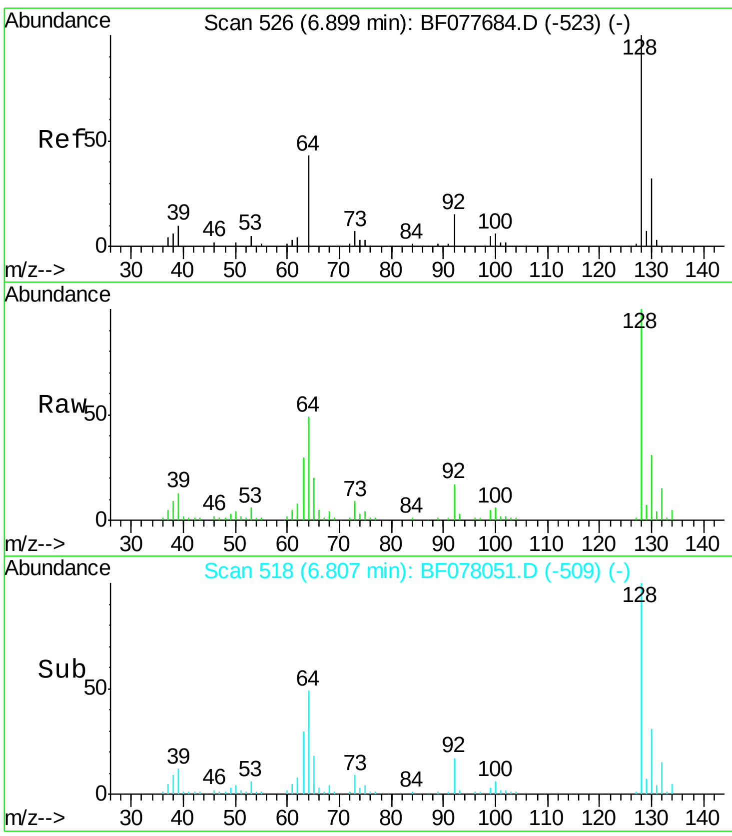
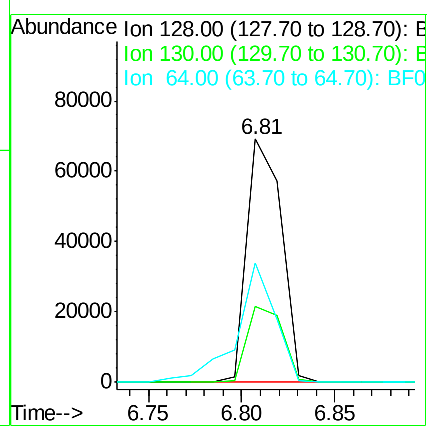


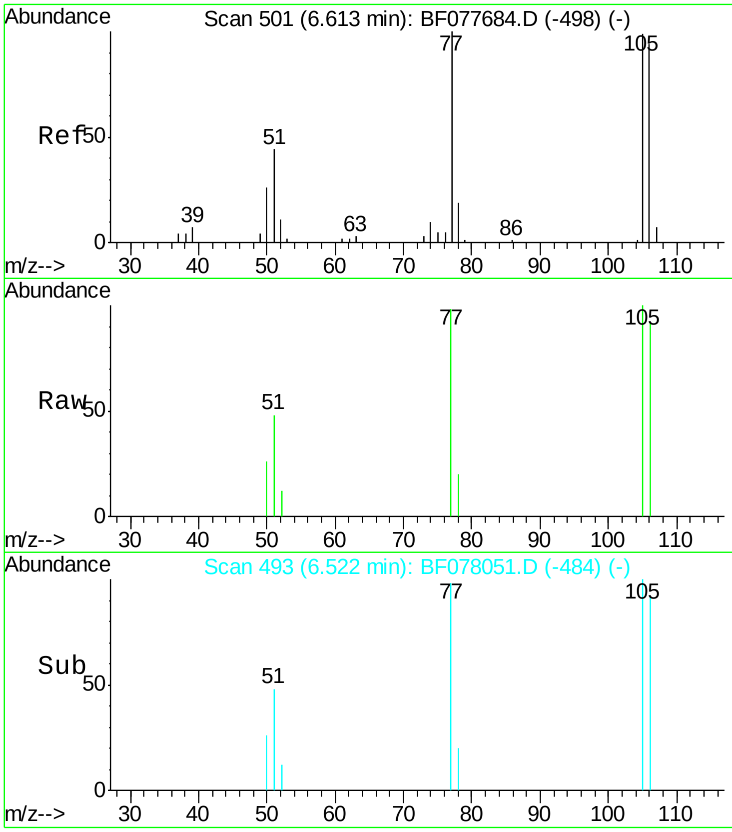


#8
2-Chlorophenol
Concen: 35.16 ng
RT: 6.81 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:128 Resp: 89083

Ion	Ratio	Lower	Upper
128	100		
130	31.2	12.0	52.0
64	49.2	24.9	64.9





#9
Benzaldehyde
Concen: 3.09 ng
RT: 6.52 min Scan# 493
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion: 77 Resp: 3331

Ion	Ratio	Lower	Upper
77	100		
105	102.3	78.8	118.8
106	94.6	73.7	113.7

Instrument :
BNA_F
ClientSampleId :
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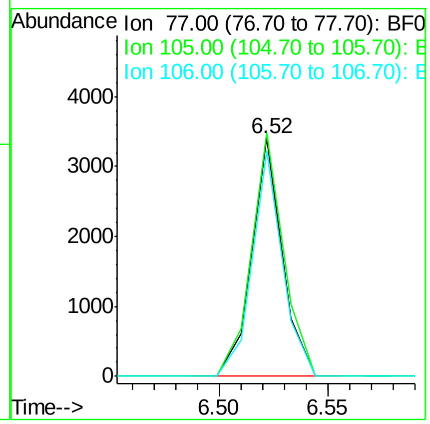
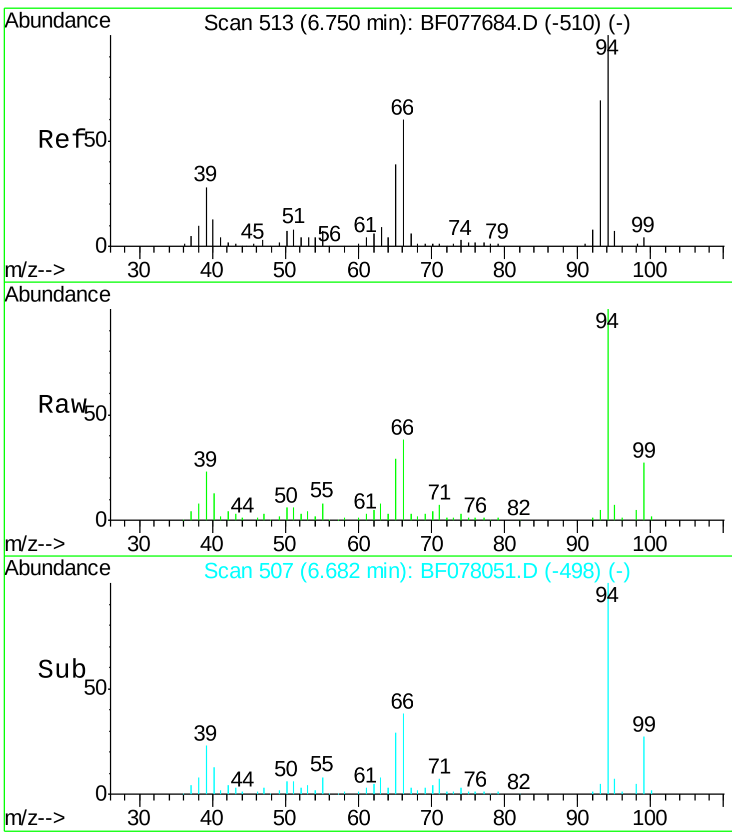
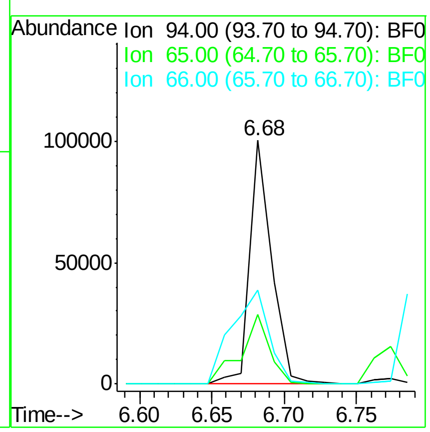


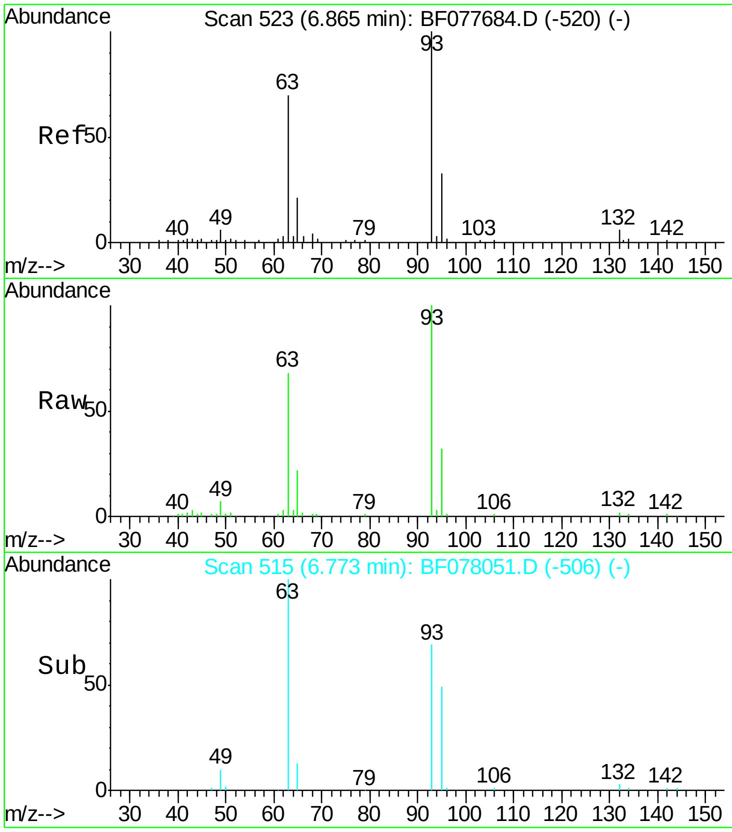


#10
Phenol
Concen: 34.07 ng
RT: 6.68 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion: 94 Resp: 105920

Ion	Ratio	Lower	Upper
94	100		
65	28.7	18.8	58.8
66	38.5	39.9	79.9#





#11
bis(2-Chloroethyl)ether
Concen: 35.01 ng
RT: 6.77 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion: 93 Resp: 81526

Ion	Ratio	Lower	Upper
93	100		
63	67.6	49.5	89.5
95	32.0	13.5	53.5

Instrument :
BNA_F
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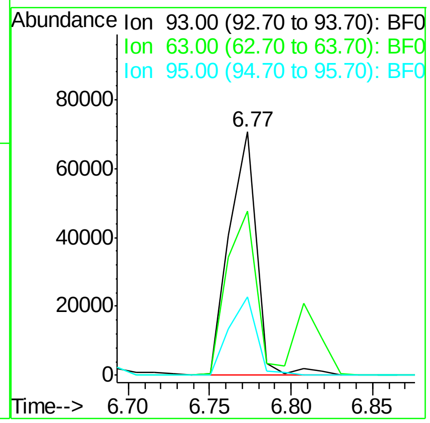
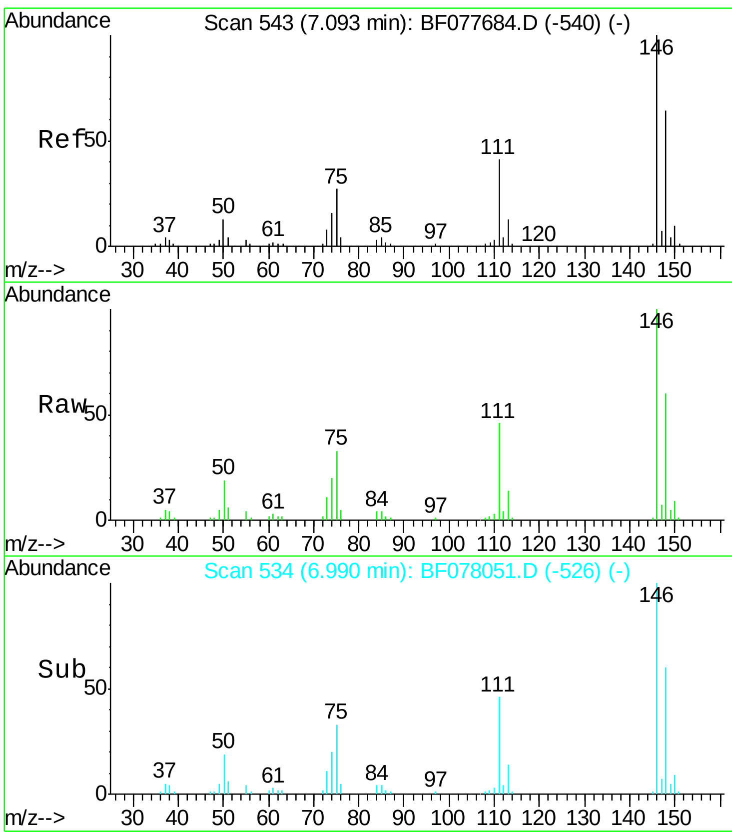
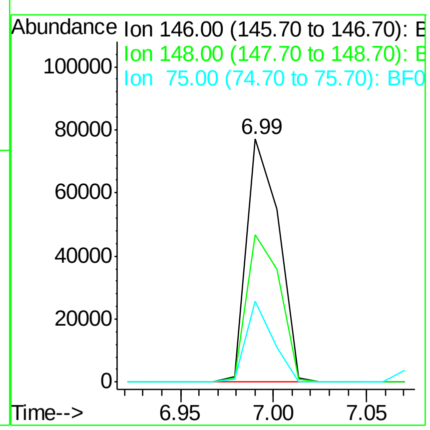


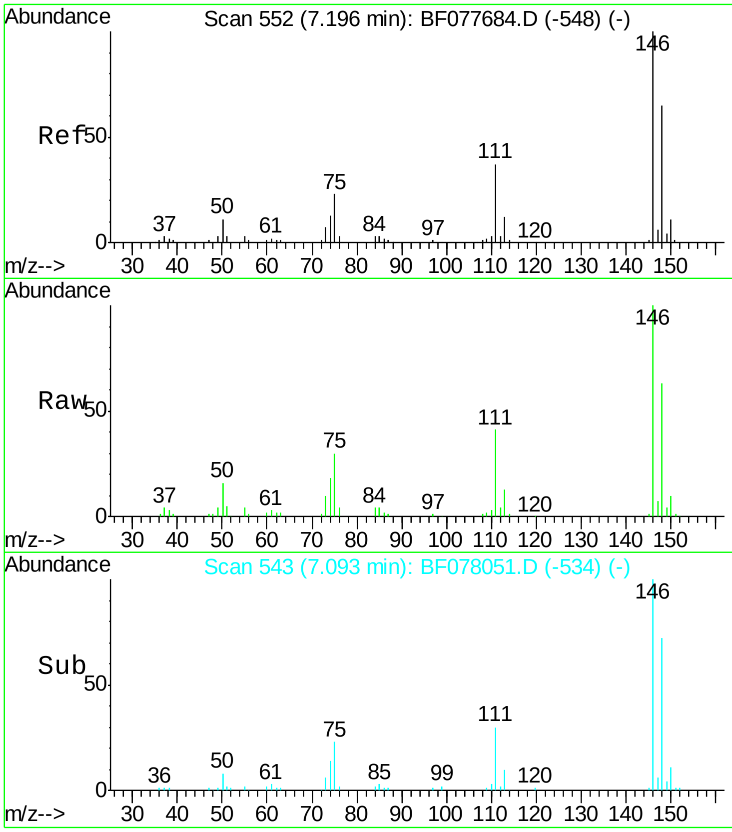


#12
1,3-Dichlorobenzene
Concen: 32.81 ng
RT: 6.99 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:146 Resp: 92458

Ion	Ratio	Lower	Upper
146	100		
148	60.4	50.9	76.3
75	33.1	21.4	32.2#





#13
1,4-Dichlorobenzene
Concen: 32.57 ng
RT: 7.09 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:146 Resp: 95368

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.9	77.9
111	41.5	29.2	43.8

Instrument :
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ClientSampleId :
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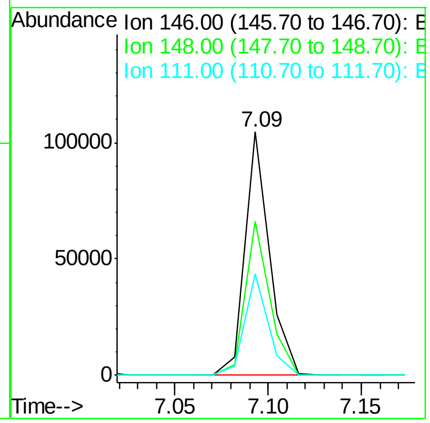
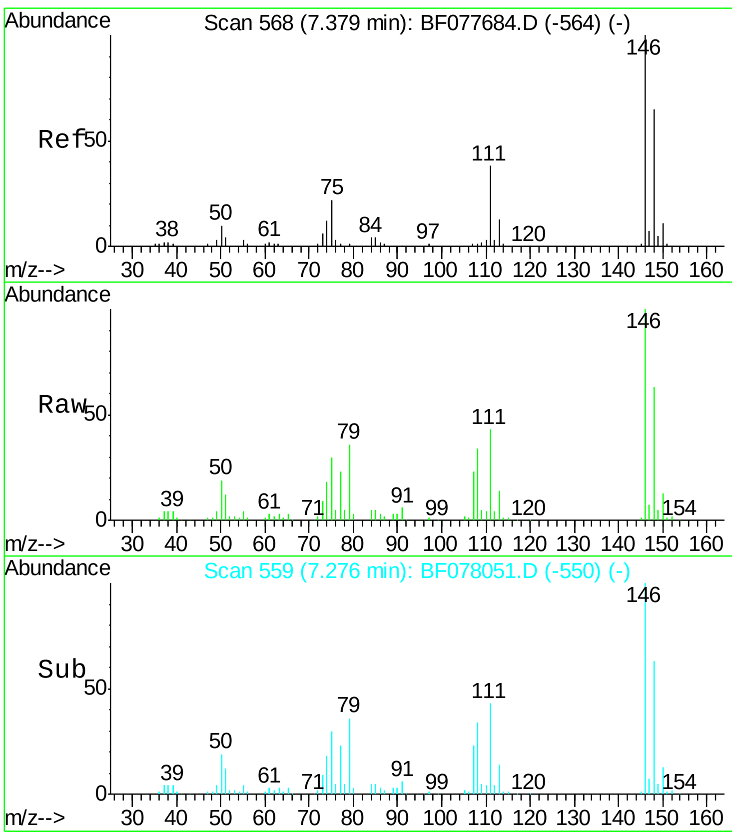
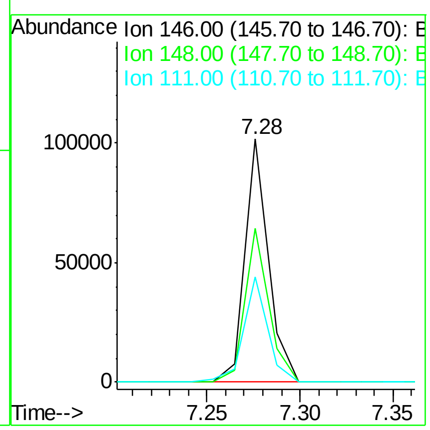




#14
1,2-Dichlorobenzene
Concen: 33.20 ng
RT: 7.28 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:146 Resp: 89140

Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.3	78.5
111	43.1	30.6	45.8



#15
Benzyl Alcohol
Concen: 32.68 ng
RT: 7.26 min   Scan# 558
Delta R.T.   -0.01 min
Lab File: BF078051.D
Acq: 27 Mar 2015   22:09

Tgt Ion: 79	Resp:		67090
Ion	Ratio	Lower	Upper
79	100		
108	73.7	65.0	97.4
77	69.2	53.0	79.6

Instrument : BNA_F
ClientSampleId : PB82359BSD

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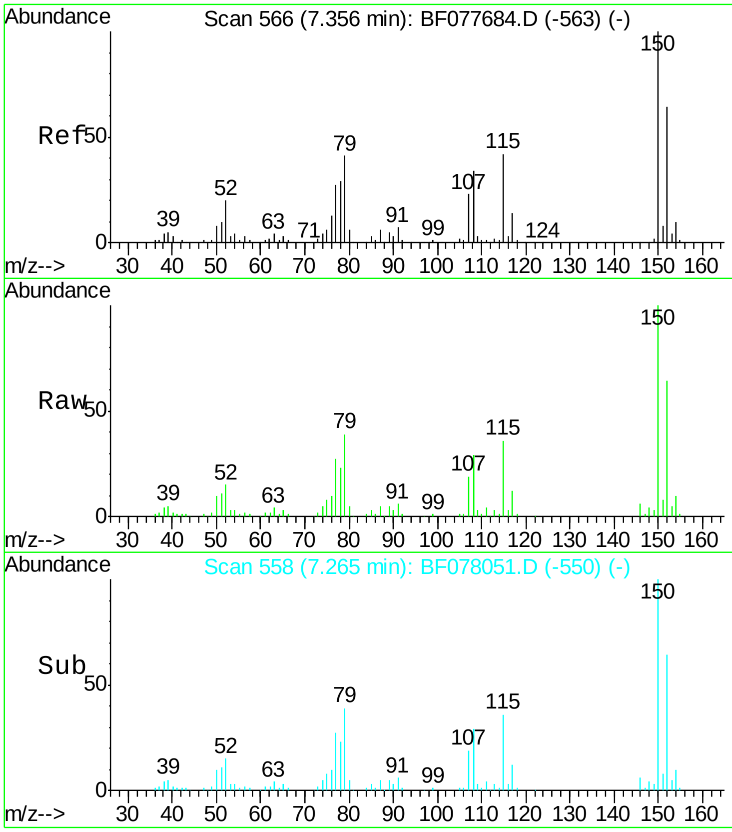
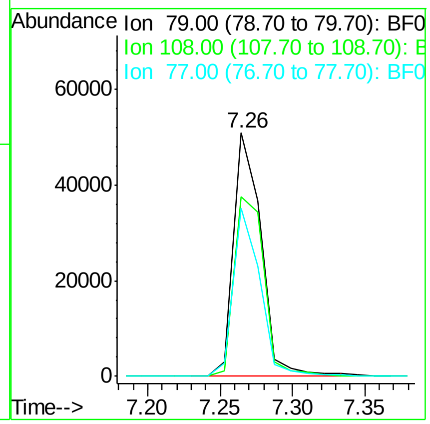
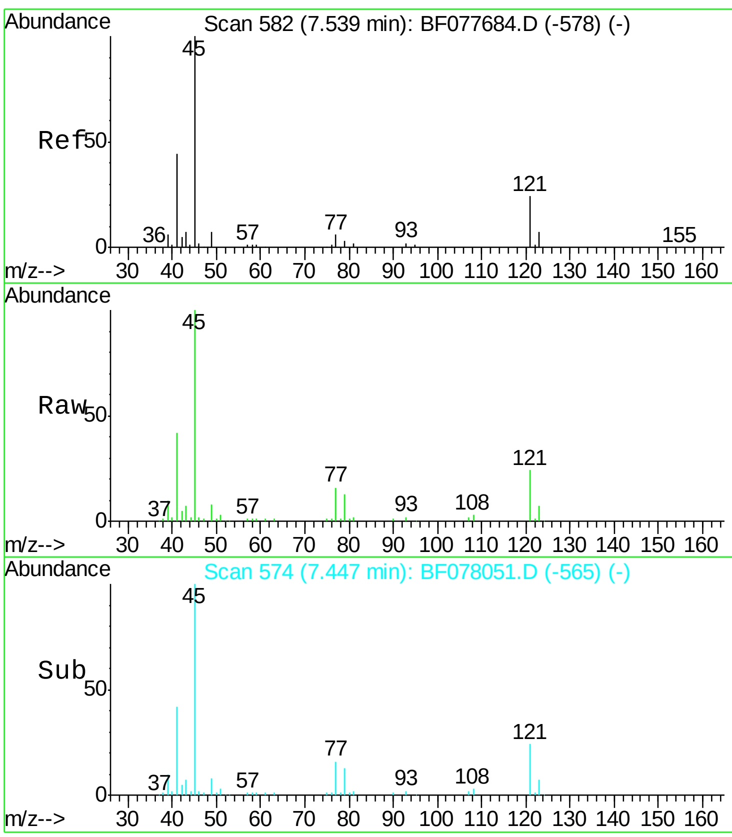
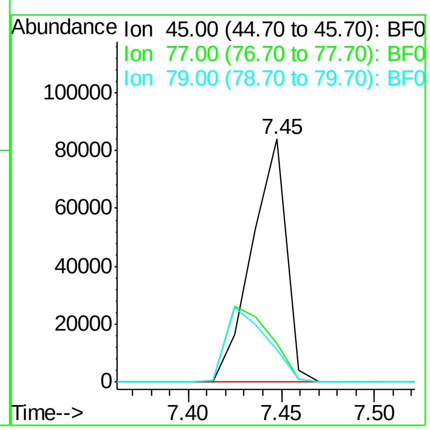


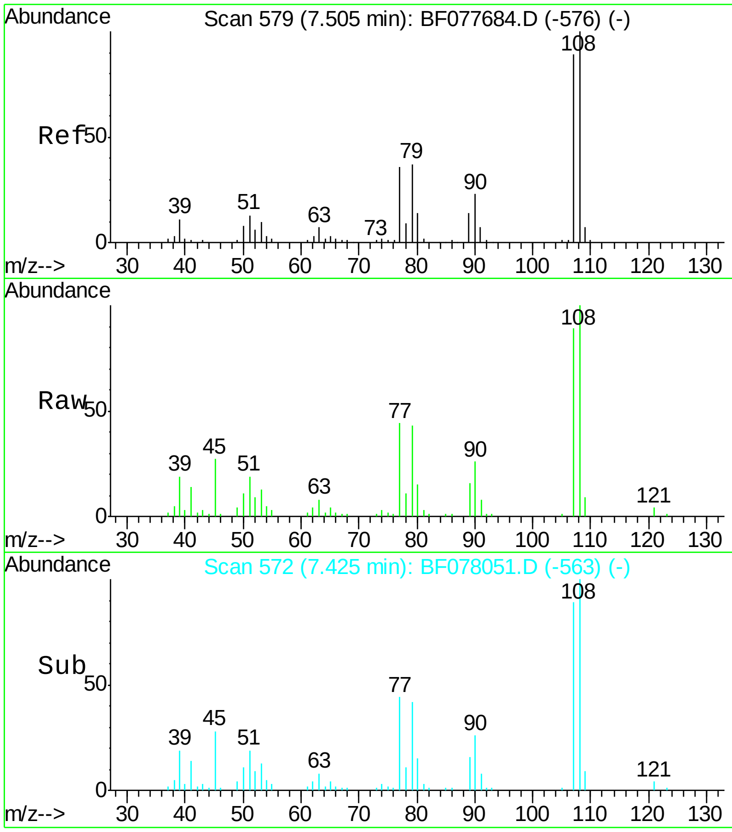


#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.38 ng
RT: 7.45 min   Scan# 574
Delta R.T.   -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015   22:09

Tgt Ion: 45	Resp:		107892
Ion	Ratio	Lower	Upper
45	100		
77	16.0	0.0	35.2
79	13.5	0.0	32.0







#17
2-Methylphenol
Concen: 32.56 ng
RT: 7.42 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Instrument :
BNA_F
ClientSampleId :
PB82359BSD

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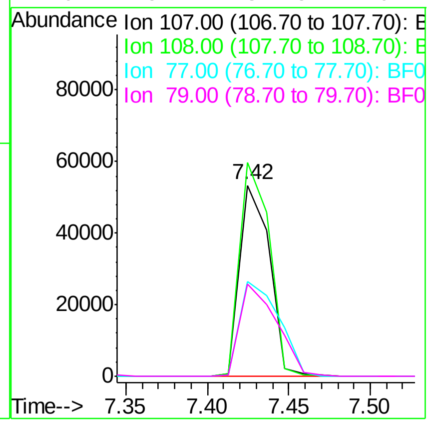
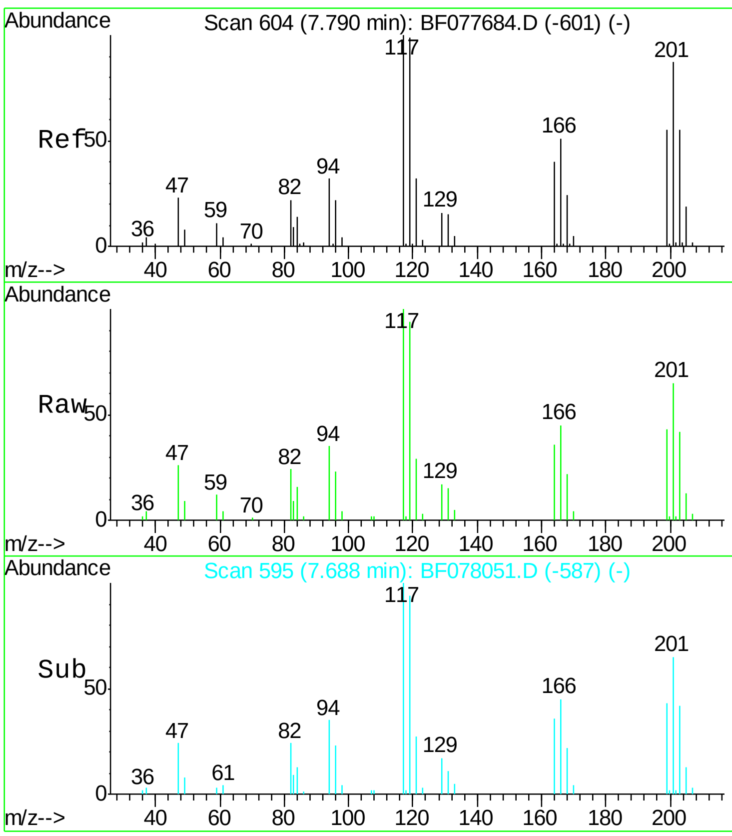
Tgt Ion:107 Resp: 67162

Ion	Ratio	Lower	Upper
107	100		
108	111.9	89.8	134.8
77	49.5	32.6	48.8#
79	48.2	32.8	49.2

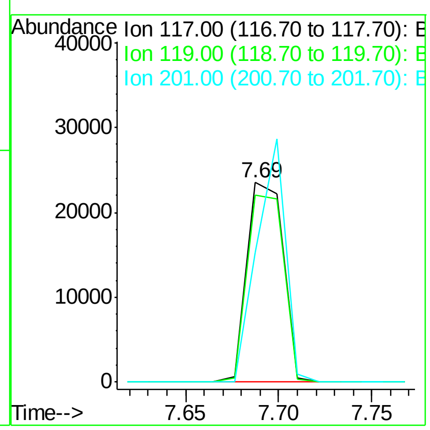


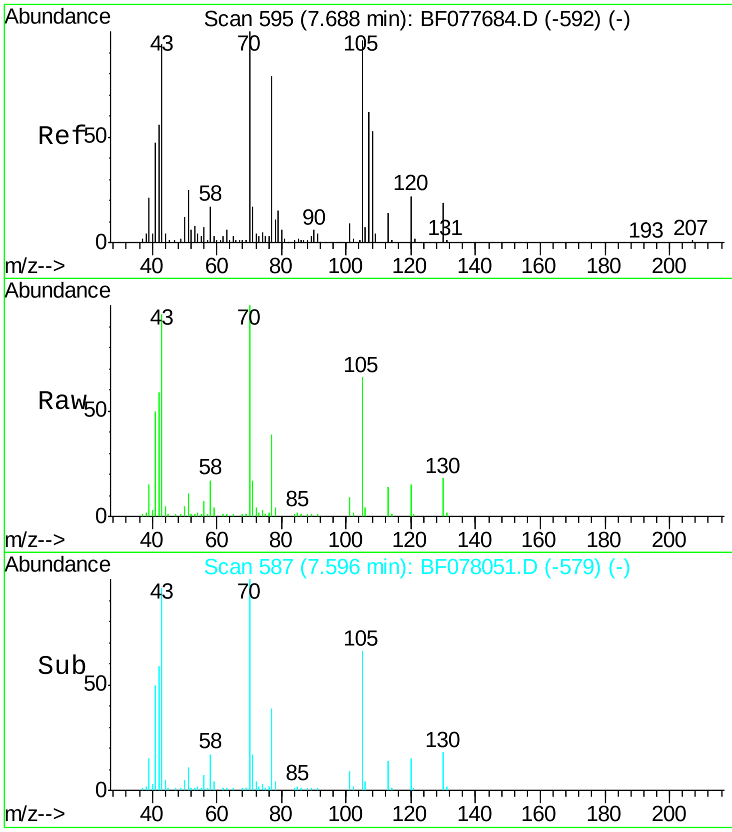


#18
Hexachloroethane
Concen: 33.31 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:117 Resp: 31990

Ion	Ratio	Lower	Upper
117	100		
119	93.9	79.2	118.8
201	65.1	69.8	104.6#





#19
n-Nitroso-di-n-propylamine
Concen: 31.45 ng
RT: 7.60 min Scan# 587
Delta R.T. -0.01 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Instrument : BNA_F
ClientSampleId : PB82359BSD

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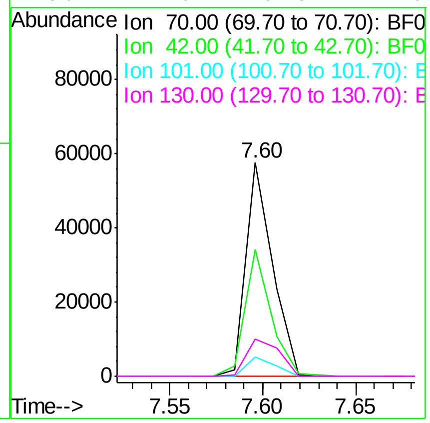
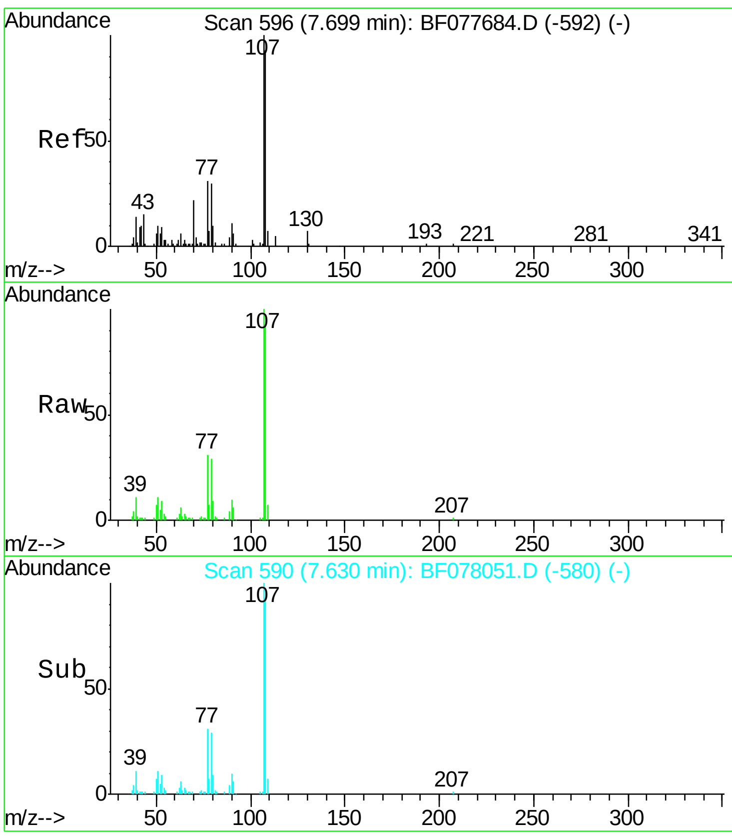
Tgt Ion: 70 Resp: 57217

Ion	Ratio	Lower	Upper
70	100		
42	59.1	44.5	66.7
101	8.8	7.4	11.2
130	17.6	15.3	22.9

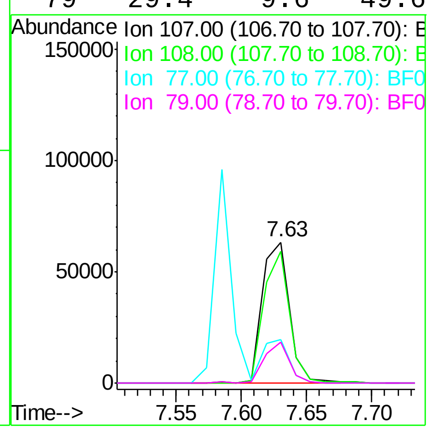


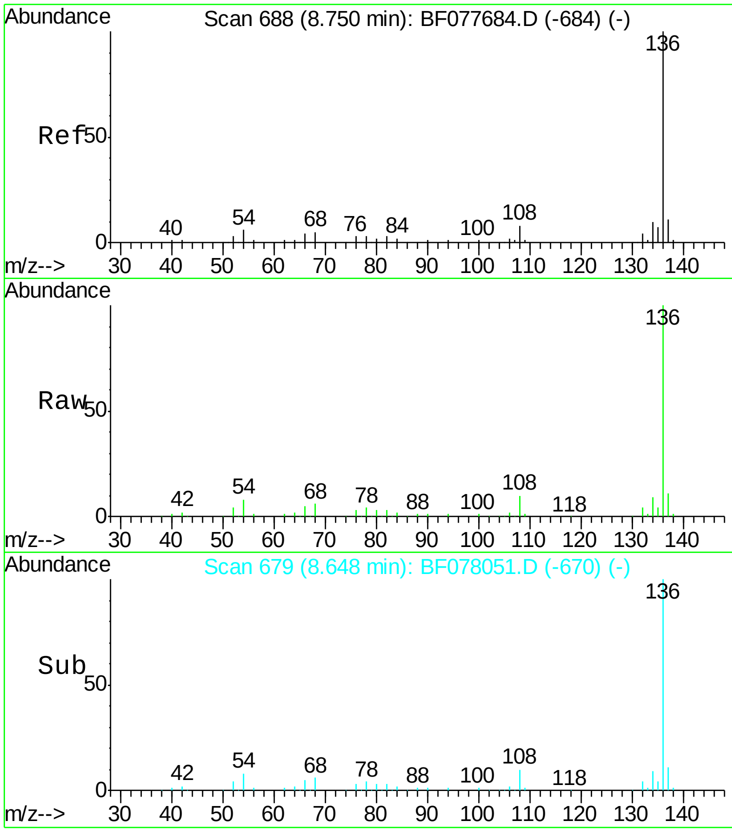


#20
3+4-Methylphenols
Concen: 34.62 ng
RT: 7.63 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:107 Resp: 93716

Ion	Ratio	Lower	Upper
107	100		
108	93.2	73.2	113.2
77	30.9	10.7	50.7
79	29.4	9.6	49.6





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.65 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Instrument :
BNA_F
ClientSampleId :
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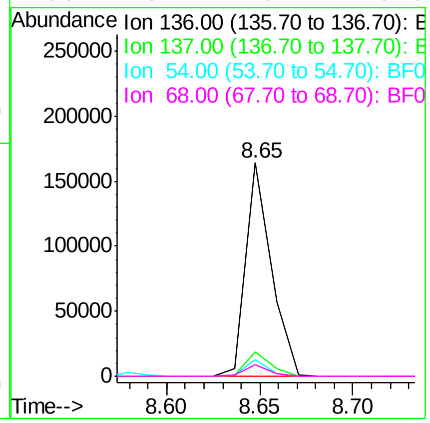
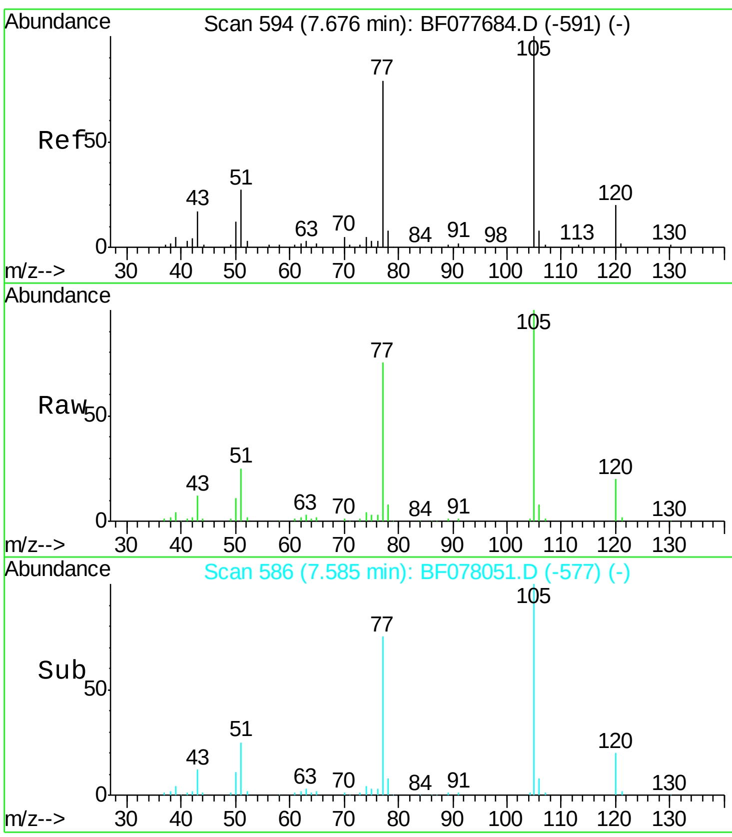
Tgt Ion:136 Resp: 156805

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.8	4.6	6.8#
68	5.7	3.7	5.5#

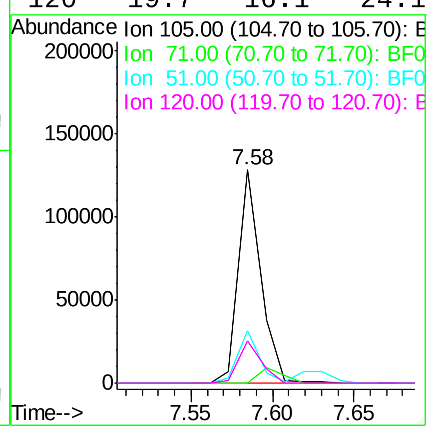


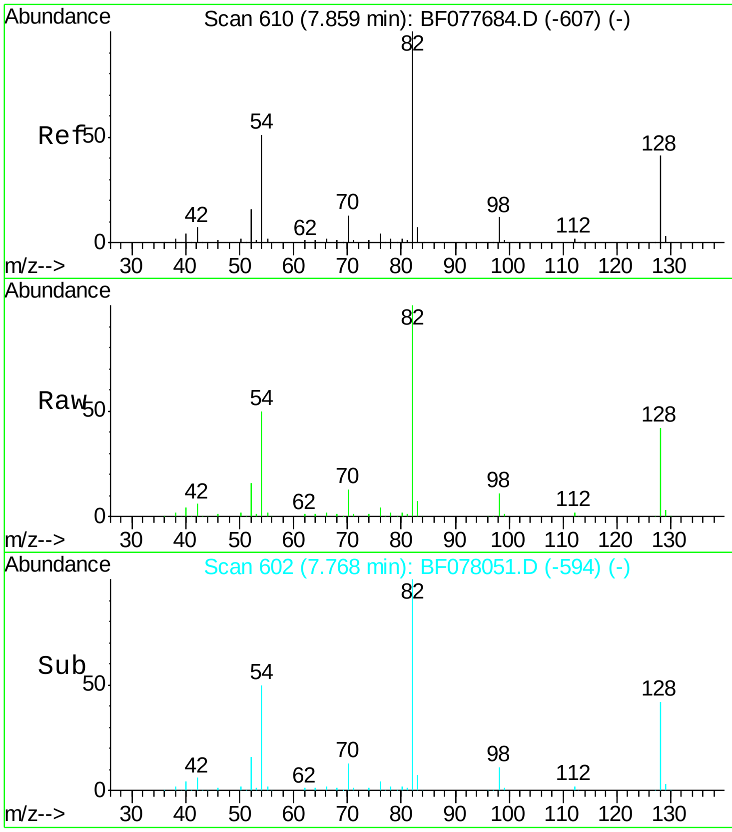


#22
Acetophenone
Concen: 34.79 ng
RT: 7.58 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:105 Resp: 120772

Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.6	1.0#
51	24.7	21.6	32.4
120	19.7	16.1	24.1





#23
Nitrobenzene-d5
Concen: 66.31 ng
RT: 7.77 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Instrument :
BNA_F
ClientSampleId :
PB82359BSD

Tgt Ion: 82 Resp: 158630

Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.8	49.2
54	50.2	40.6	60.8

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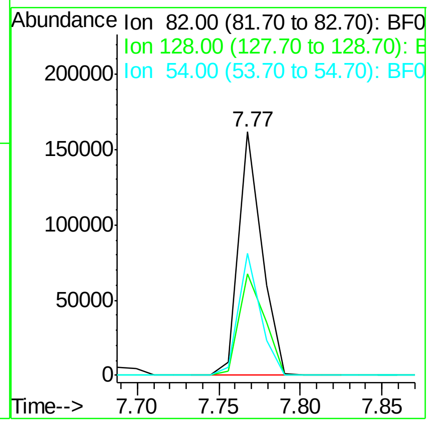
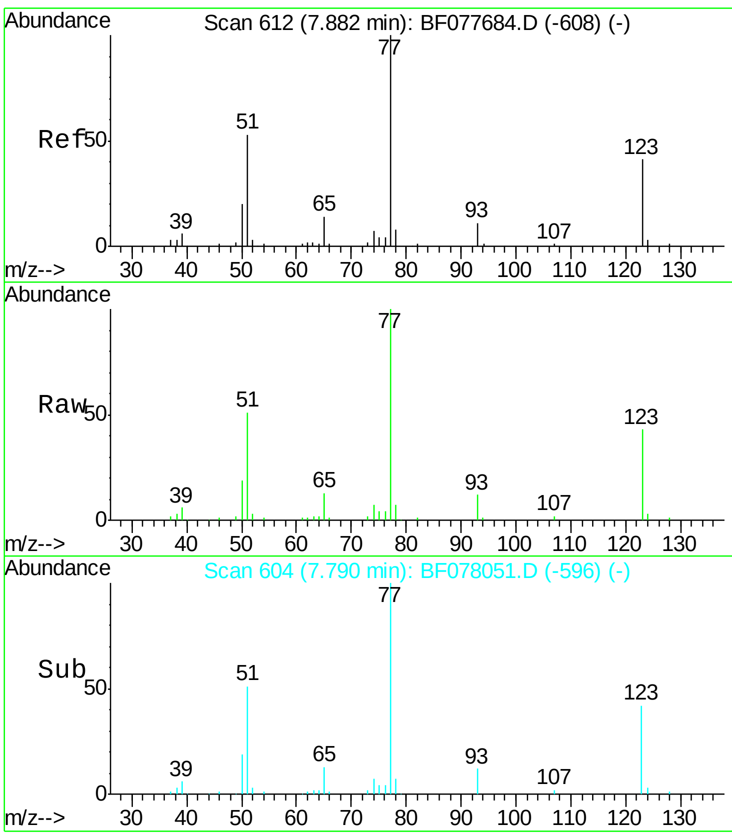
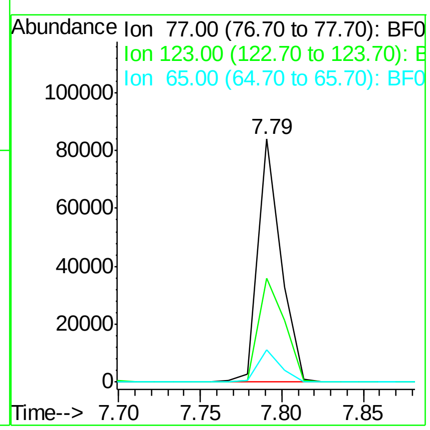


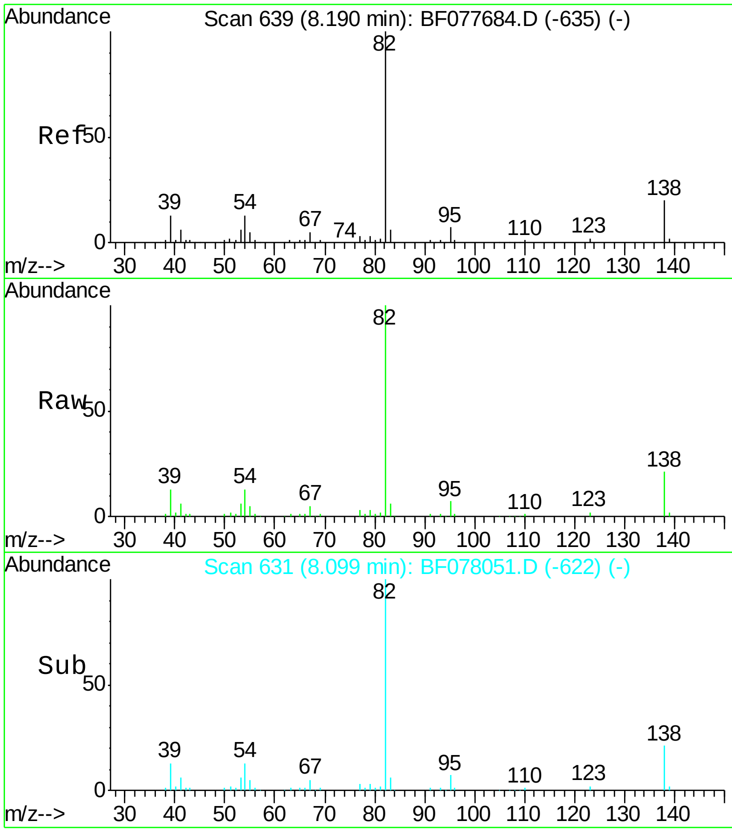


#24
Nitrobenzene
Concen: 32.25 ng
RT: 7.79 min Scan# 604
Delta R.T. -0.01 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion: 77 Resp: 83116

Ion	Ratio	Lower	Upper
77	100		
123	42.7	32.6	49.0
65	13.2	10.9	16.3





#25
Isophorone
Concen: 32.56 ng
RT: 8.10 min   Scan# 631
Delta R.T.   -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015   22:09

Tgt Ion: 82 Resp: 157320

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.8	8.6
138	20.8	16.3	24.5

Instrument :
BNA_F
ClientSampleId :
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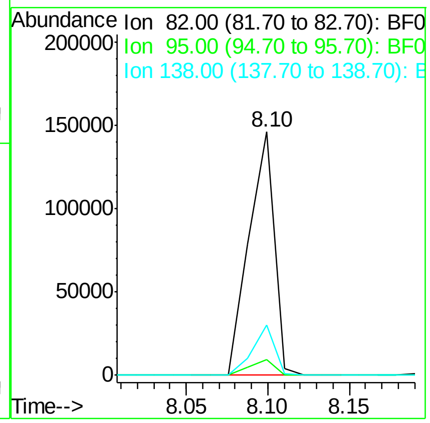
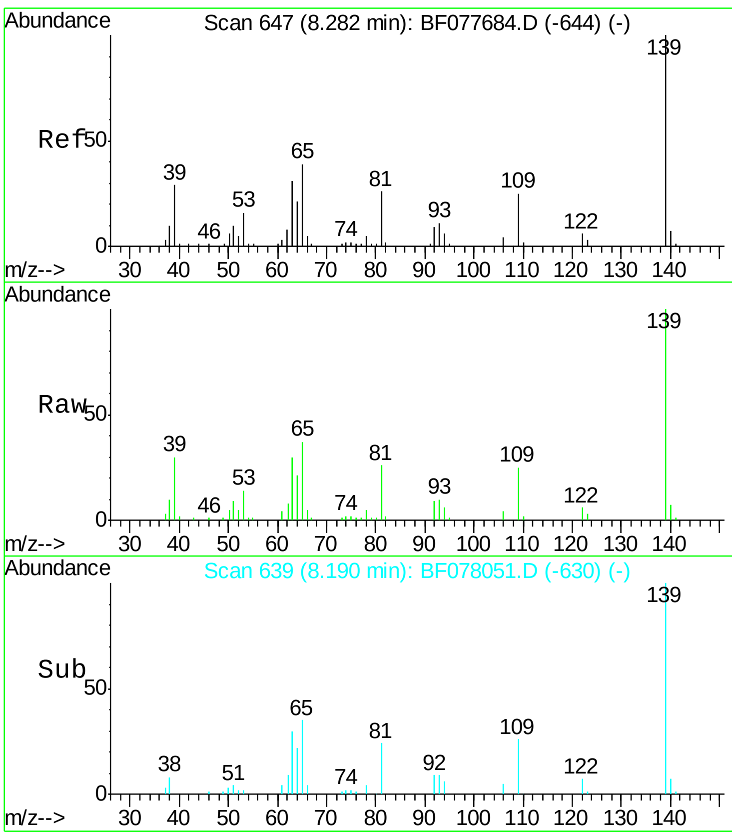
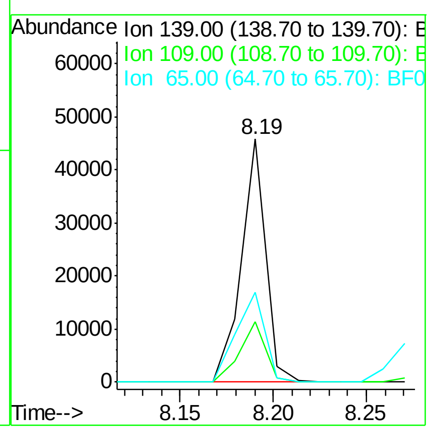


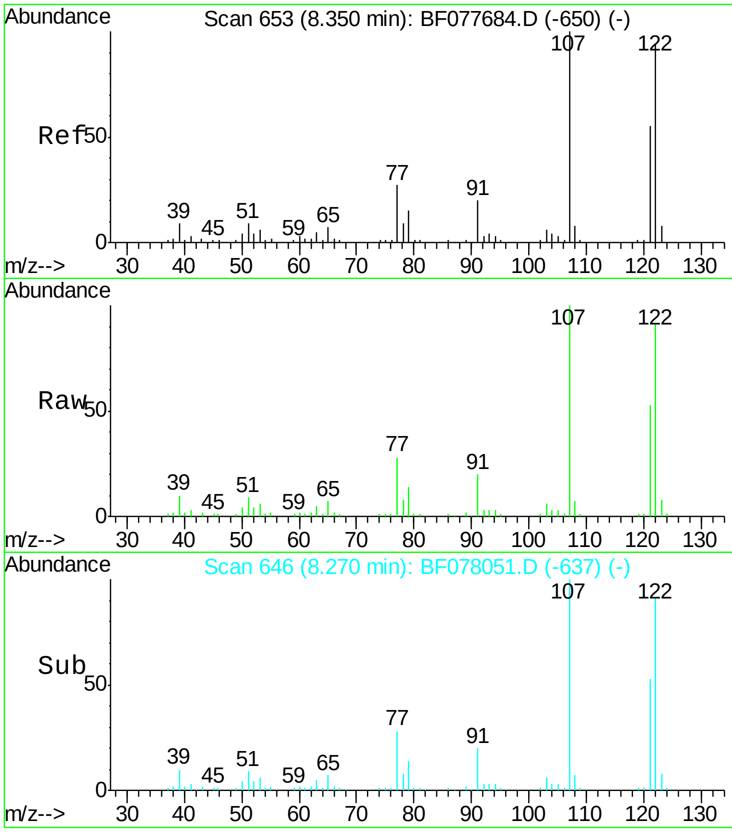


#26
2-Nitrophenol
Concen: 33.12 ng
RT: 8.19 min   Scan# 639
Delta R.T.   -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015   22:09

Tgt Ion:139 Resp: 41785

Ion	Ratio	Lower	Upper
139	100		
109	25.1	20.1	30.1
65	36.8	31.5	47.3





#27
2,4-Dimethylphenol
Concen: 34.61 ng
RT: 8.27 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:122 Resp: 79549

Ion	Ratio	Lower	Upper
122	100		
107	109.3	84.7	127.1
121	58.1	46.6	69.8

Instrument :
BNA_F
ClientSampleId :
PB82359BSD

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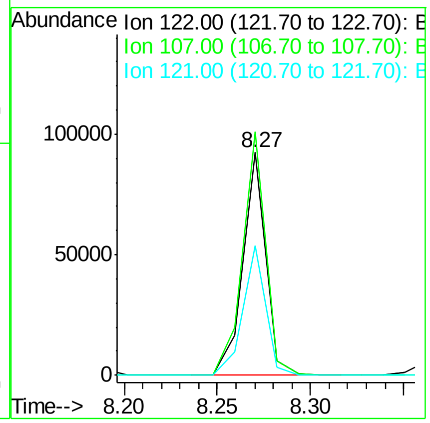
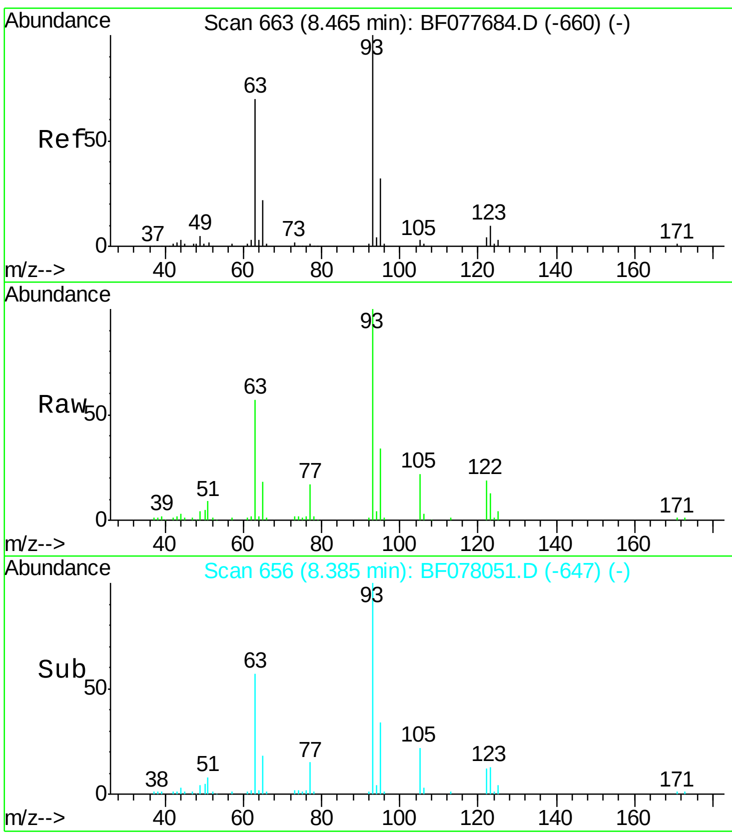
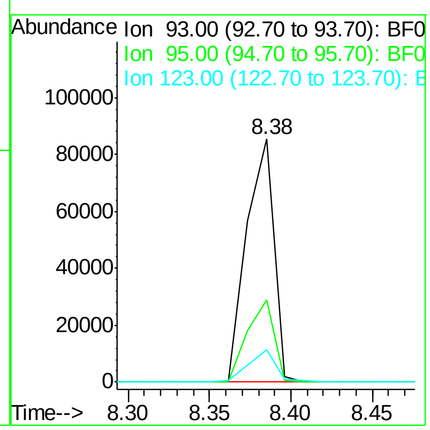




#28
bis(2-Chloroethoxy)methane
Concen: 33.81 ng
RT: 8.38 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion: 93 Resp: 99128

Ion	Ratio	Lower	Upper
93	100		
95	33.7	25.5	38.3
123	13.4	8.6	13.0#



#29
2,4-Dichlorophenol
Concen: 33.65 ng
RT: 8.50 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:162 Resp: 73728

Ion	Ratio	Lower	Upper
162	100		
164	63.5	42.8	82.8
98	30.9	14.5	54.5

Instrument :
BNA_F
ClientSampleId :
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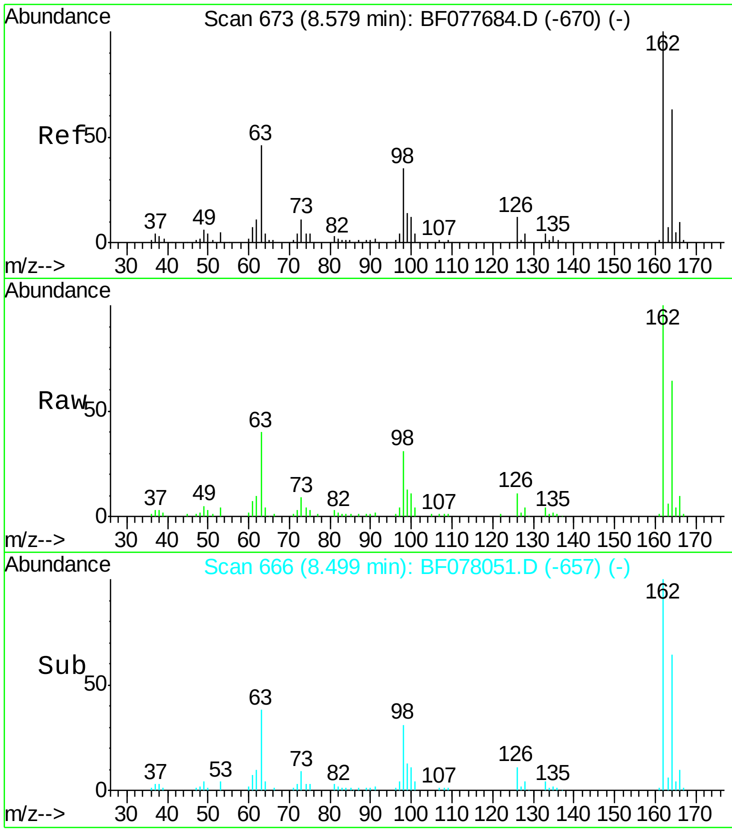
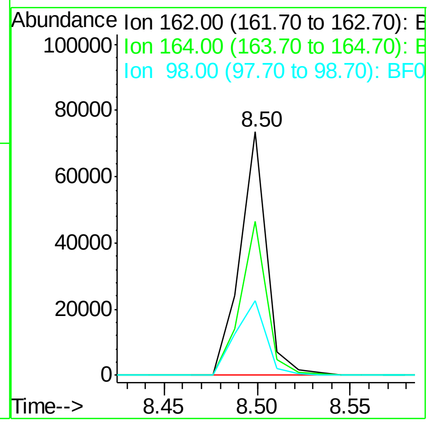
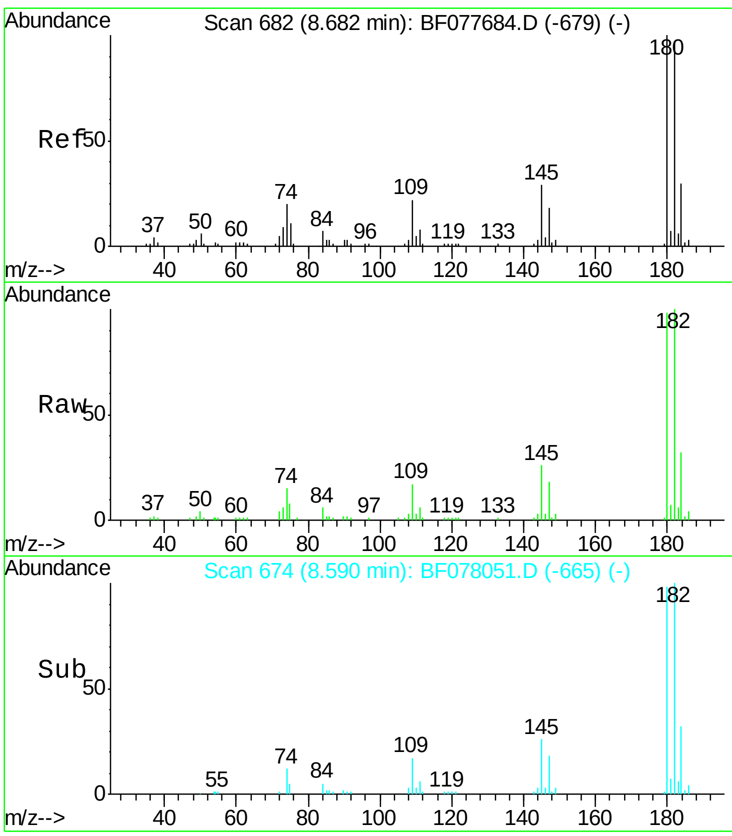


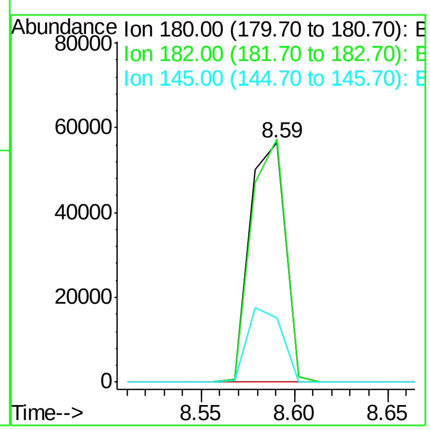


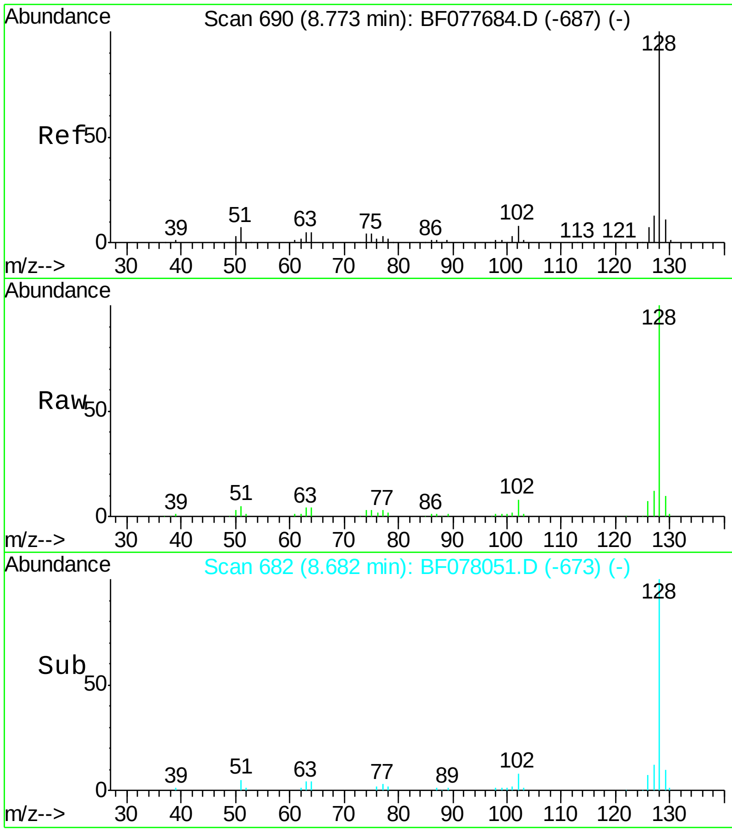
#30
1,2,4-Trichlorobenzene
Concen: 30.40 ng
RT: 8.59 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:180 Resp: 74516

Ion	Ratio	Lower	Upper
180	100		
182	101.7	77.6	116.4
145	26.8	23.4	35.2



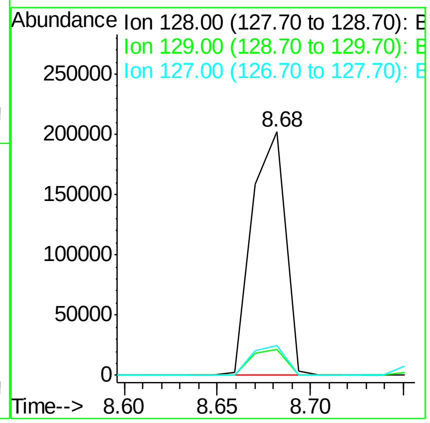




#31
Naphthalene
Concen: 31.25 ng
RT: 8.68 min   Scan# 682
Delta R.T.   -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015   22:09

Tgt Ion:128 Resp: 251692

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.9	13.3
127	12.2	10.4	15.6



Instrument :
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ClientSampleId :
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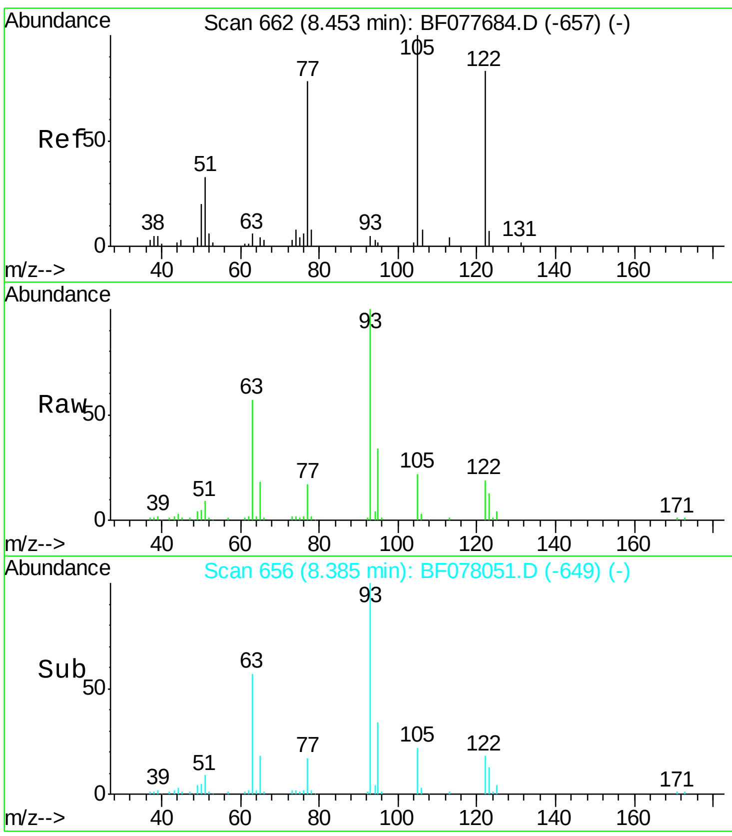
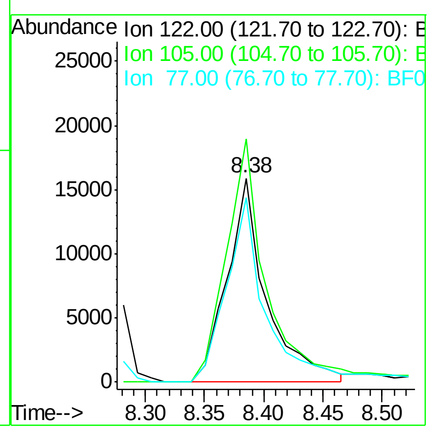
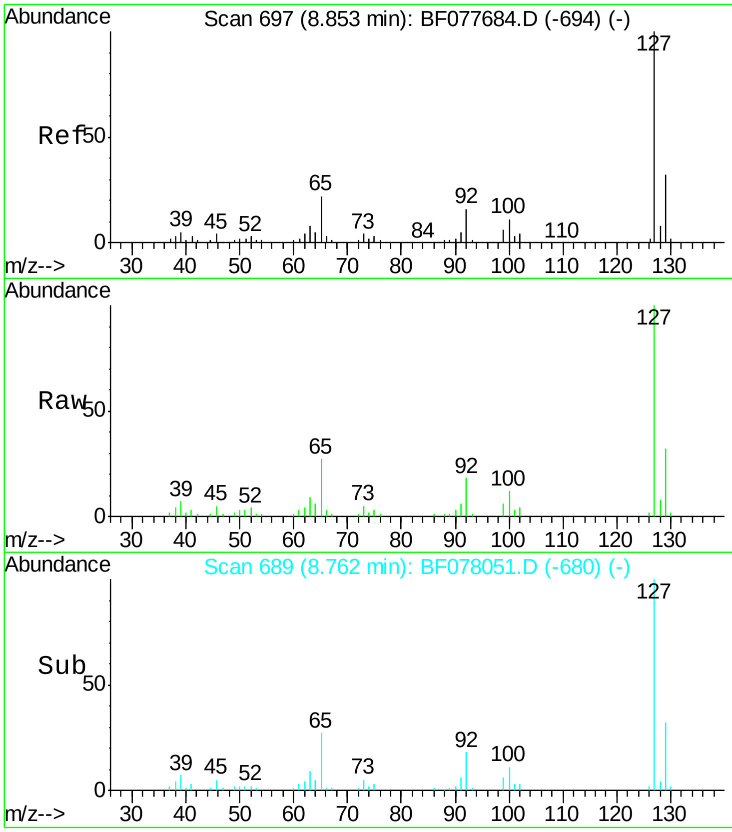


#32
Benzoic acid
Concen: 29.71 ng
RT: 8.38 min   Scan# 656
Delta R.T.   -0.02 min
Lab File: BF078051.D
Acq: 27 Mar 2015   22:09

Tgt Ion:122 Resp: 36472

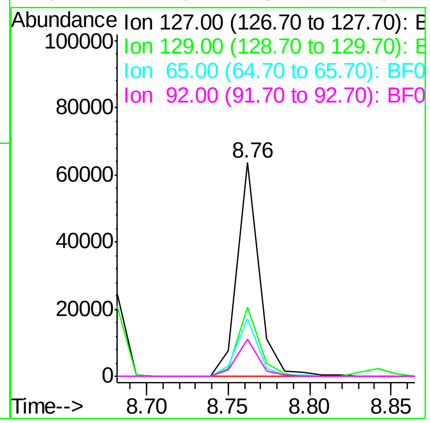
Ion	Ratio	Lower	Upper
122	100		
105	119.1	99.9	139.9
77	90.6	73.7	113.7





#33
4-Chloroaniline
Concen: 18.08 ng
RT: 8.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt	Ion:127	Resp:	59083
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.3	37.9
65	26.7	17.6	26.4#
92	17.6	13.1	19.7



Instrument :
BNA_F
ClientSampleId :
PB82359BSD

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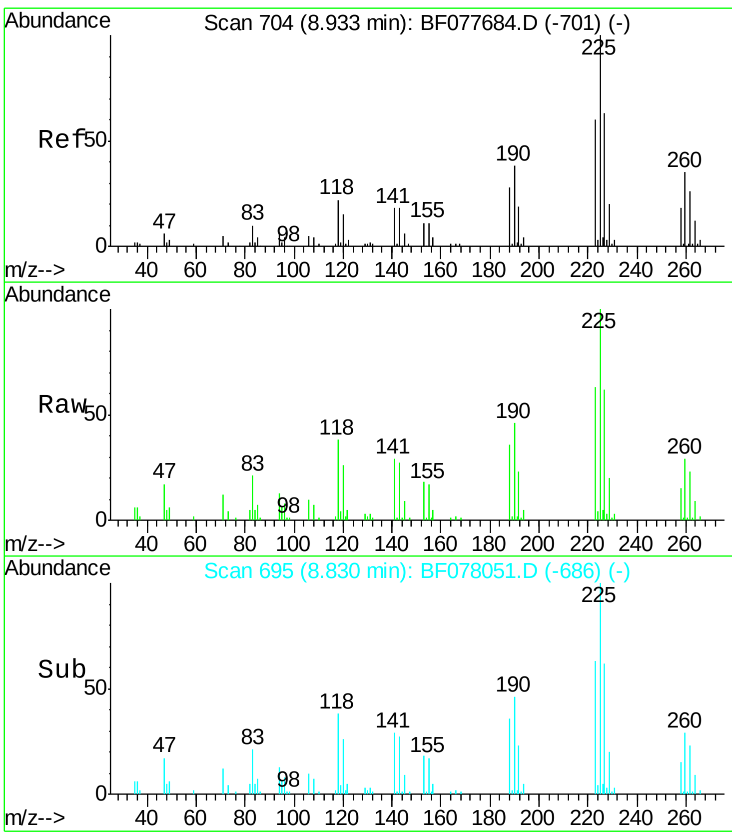
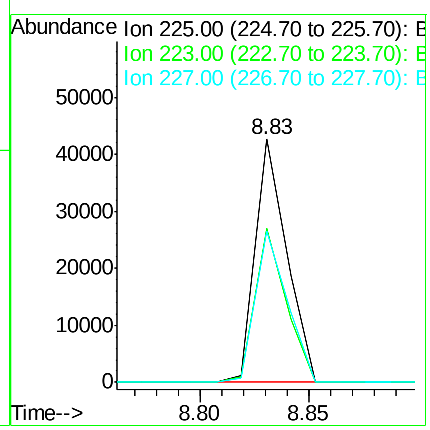
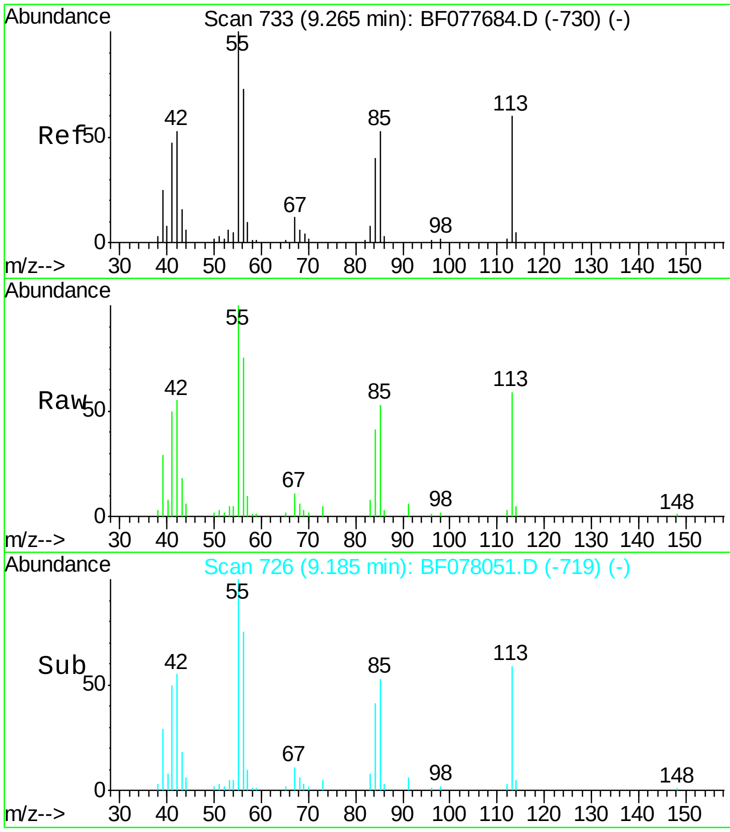


#34
Hexachlorobutadiene
Concen: 30.87 ng
RT: 8.83 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt	Ion:225	Resp:	42890
Ion	Ratio	Lower	Upper
225	100		
223	63.5	47.9	71.9
227	62.3	50.1	75.1





#35
Caprolactam
Concen: 33.54 ng
RT: 9.18 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Instrument :
BNA_F
ClientSampleId :
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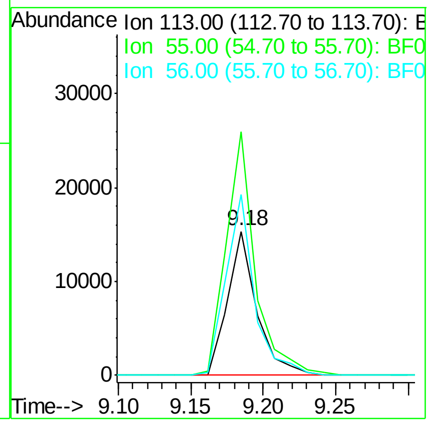
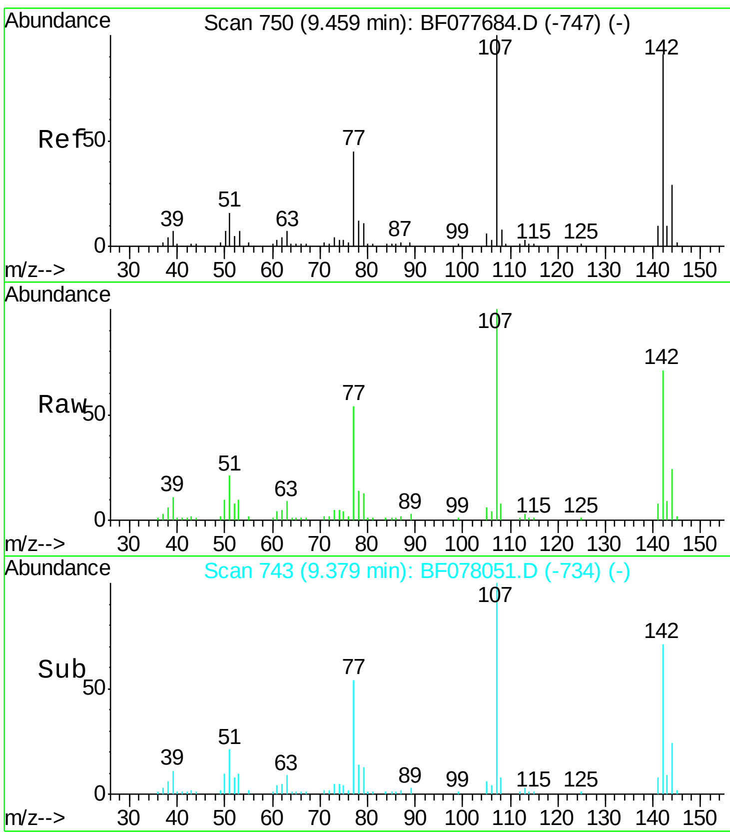
Tgt Ion:113 Resp: 21478

Ion	Ratio	Lower	Upper
113	100		
55	168.8	145.9	185.9
56	125.7	101.0	141.0

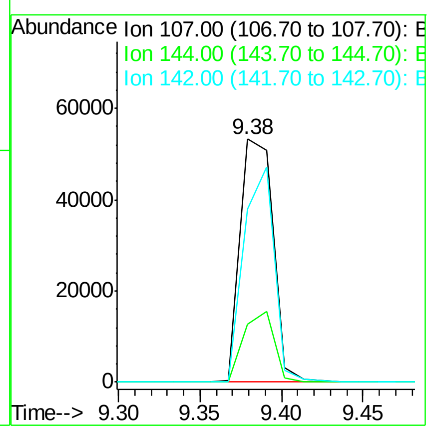


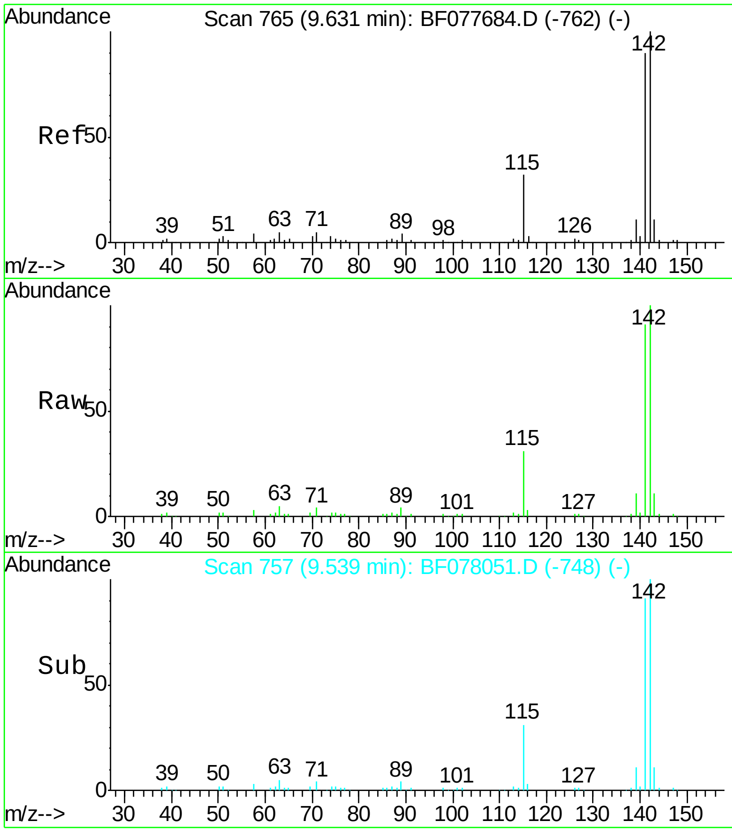


#36
4-Chloro-3-methylphenol
Concen: 33.88 ng
RT: 9.38 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:107 Resp: 74681

Ion	Ratio	Lower	Upper
107	100		
144	24.0	23.3	34.9
142	71.2	72.6	109.0#





#37
2-Methylnaphthalene
Concen: 32.41 ng
RT: 9.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Instrument :
BNA_F
ClientSampleId :
PB82359BSD

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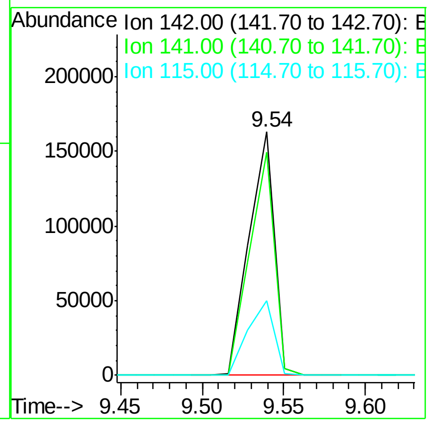
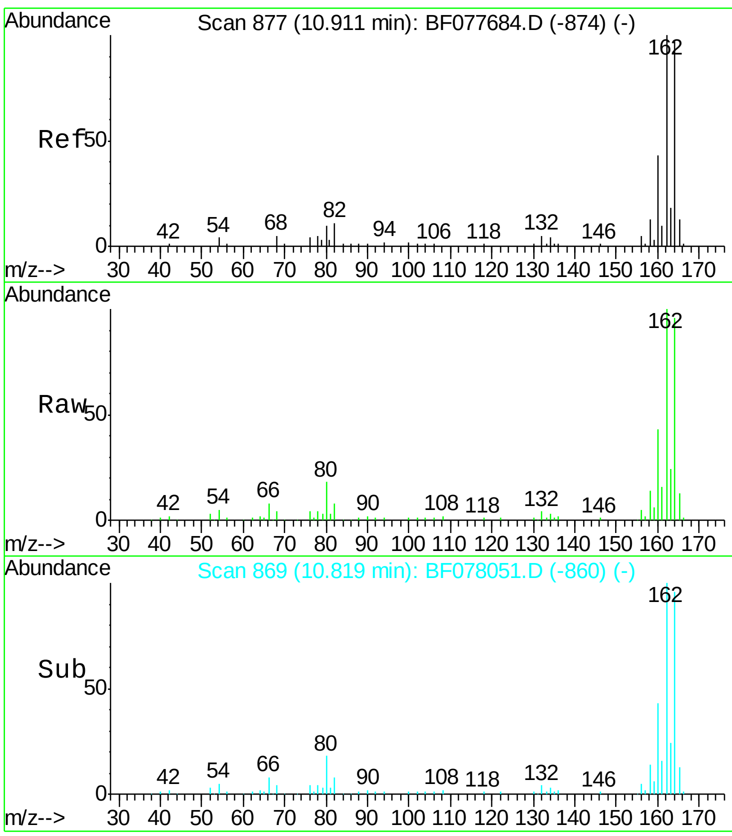
Tgt Ion:142 Resp: 175355

Ion	Ratio	Lower	Upper
142	100		
141	91.4	71.9	107.9
115	30.7	25.4	38.0

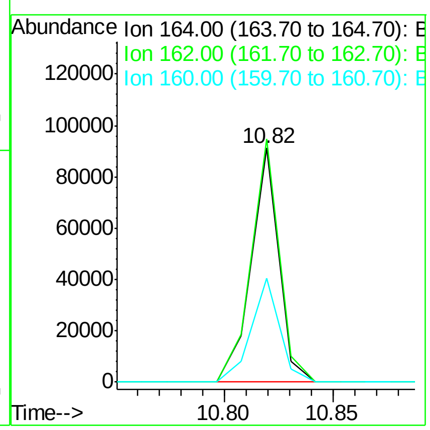


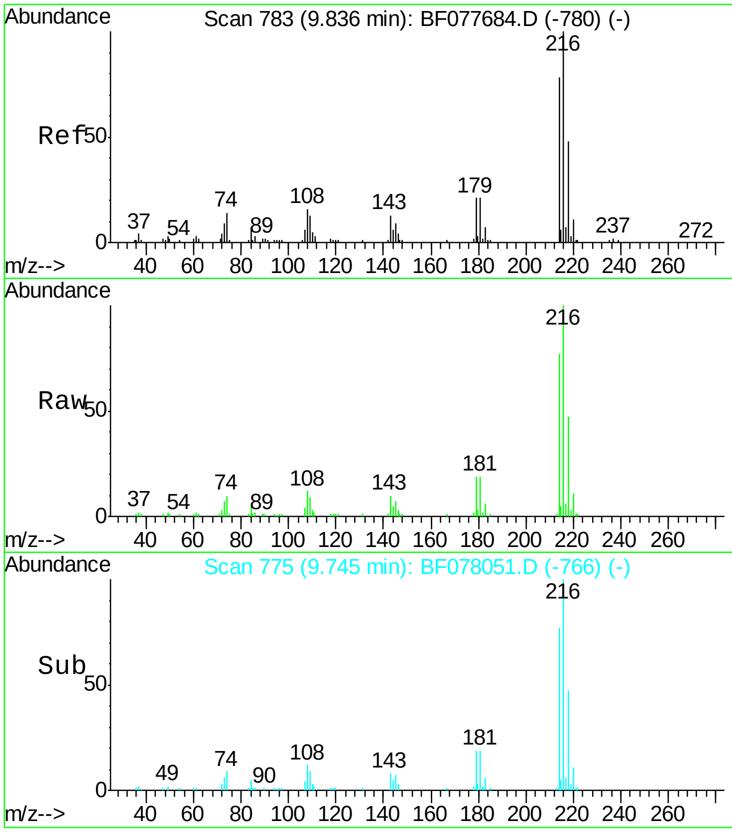


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.82 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:164 Resp: 80656

Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.4	123.6
160	44.4	35.8	53.6





#39
1,2,4,5-Tetrachlorobenzene
Concen: 31.28 ng
RT: 9.74 min   Scan# 775
Delta R.T.   -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015   22:09

Instrument : BNA_F
ClientSampleId : PB82359BSD

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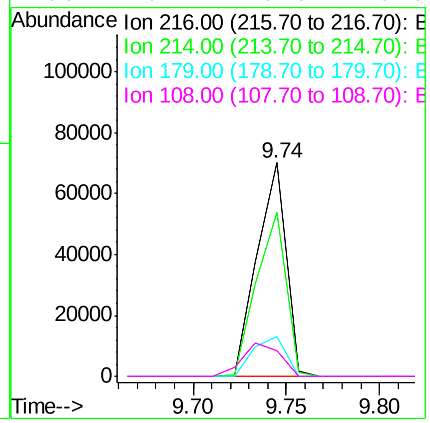
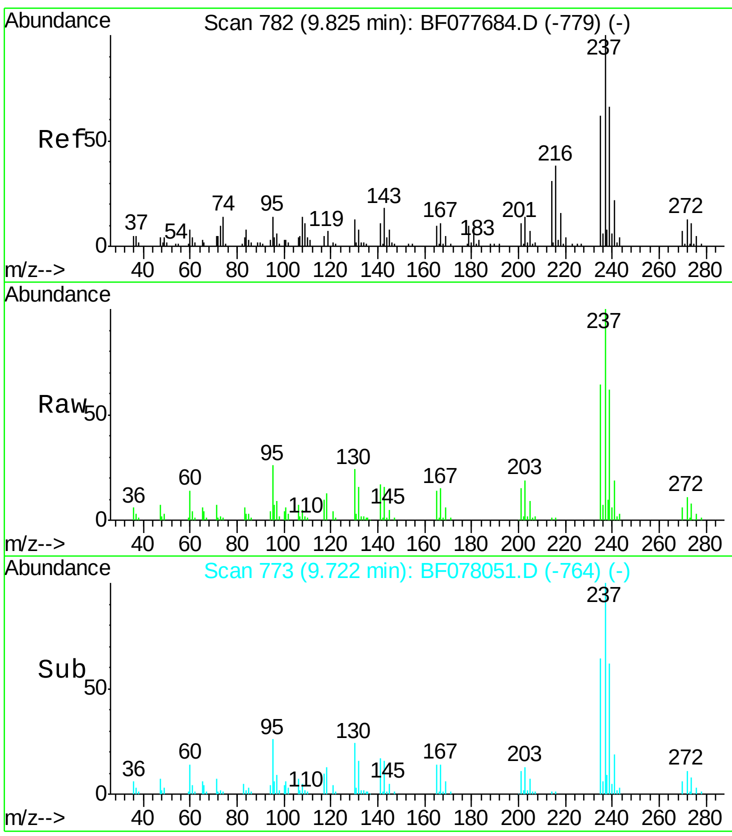
Tgt Ion:216 Resp: 75254

Ion	Ratio	Lower	Upper
216	100		
214	78.1	0.0	0.0#
179	20.8	0.0	0.0#
108	20.1	0.0	0.0#

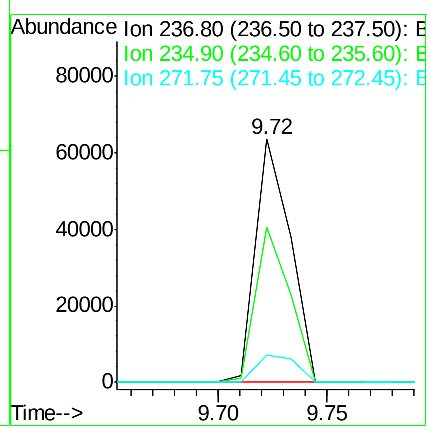


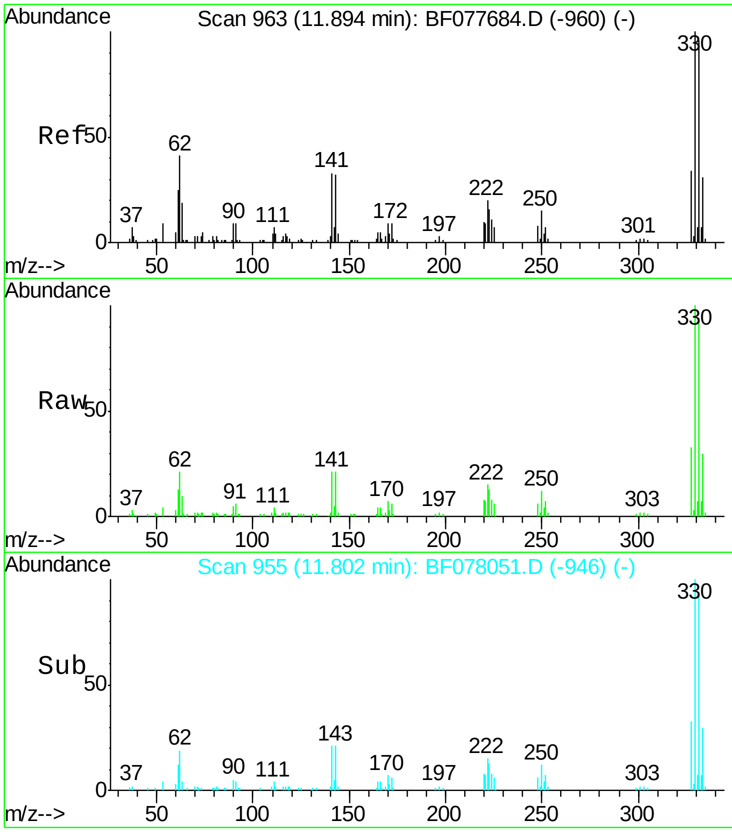


#40
Hexachlorocyclopentadiene
Concen: 59.64 ng
RT: 9.72 min   Scan# 773
Delta R.T.   -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015   22:09

Tgt Ion:237 Resp: 70807

Ion	Ratio	Lower	Upper
237	100		
235	64.0	42.0	82.0
272	11.3	0.0	33.4





#41
2,4,6-Tribromophenol
Concen: 94.93 ng
RT: 11.80 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Instrument :
BNA_F
ClientSampleId :
PB82359BSD

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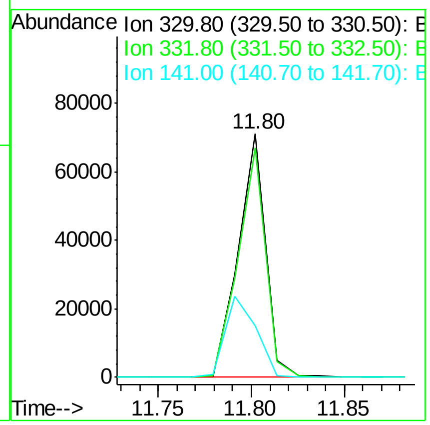
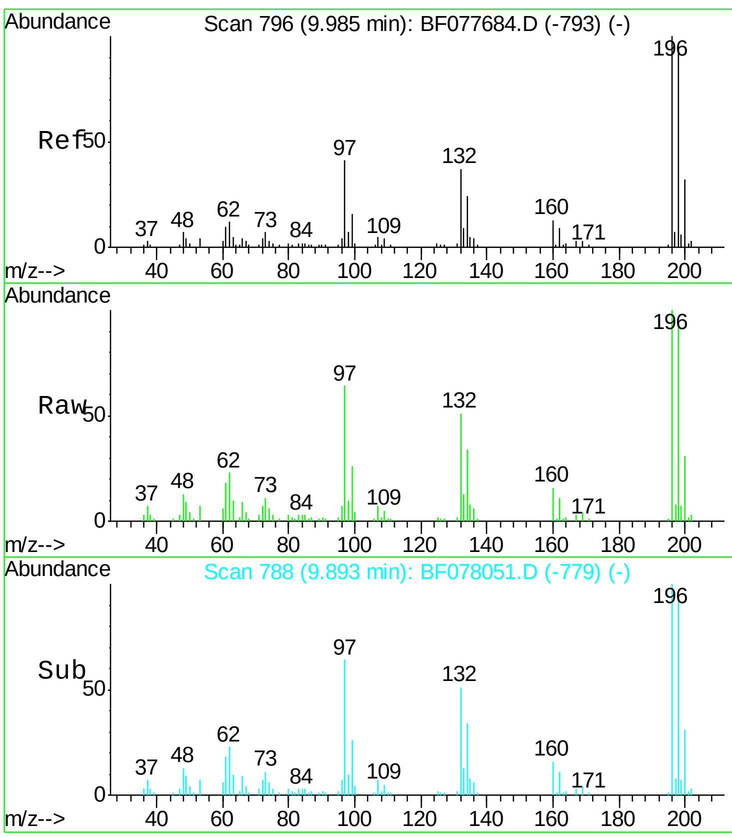
Tgt Ion:330 Resp: 73261

Ion	Ratio	Lower	Upper
330	100		
332	95.1	0.0	0.0#
141	37.7	0.0	0.0#

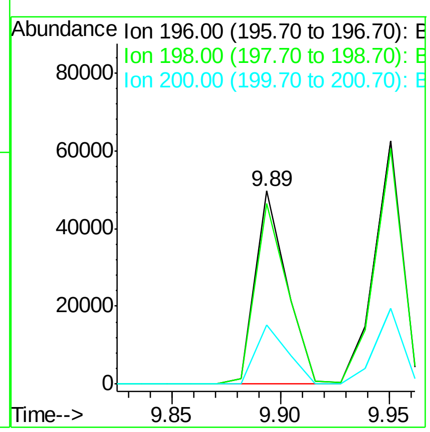


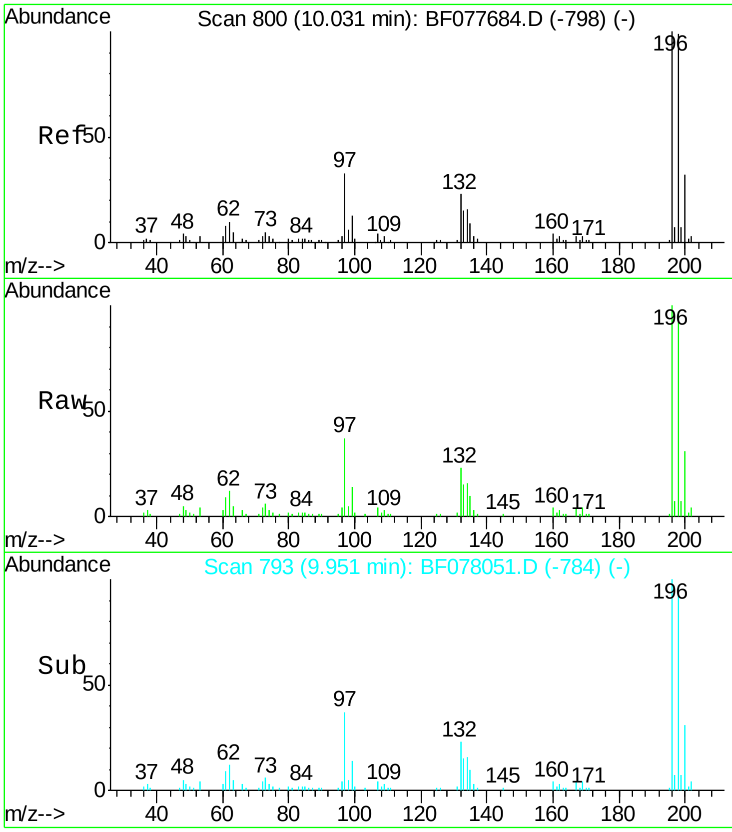


#42
2,4,6-Trichlorophenol
Concen: 30.33 ng
RT: 9.89 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:196 Resp: 50548

Ion	Ratio	Lower	Upper
196	100		
198	93.8	76.3	114.5
200	30.7	25.6	38.4

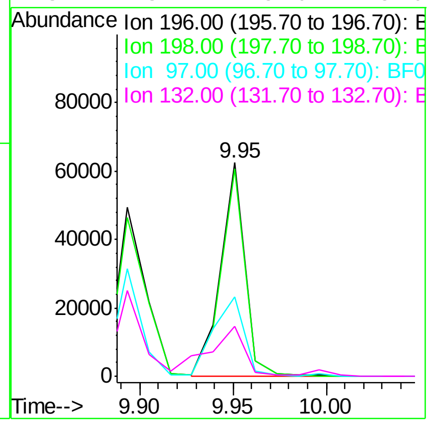




#43
2,4,5-Trichlorophenol
Concen: 31.80 ng
RT: 9.95 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:196 Resp: 57247

Ion	Ratio	Lower	Upper
196	100		
198	97.1	79.4	119.0
97	37.1	26.8	40.2
132	23.1	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
PB82359BSD

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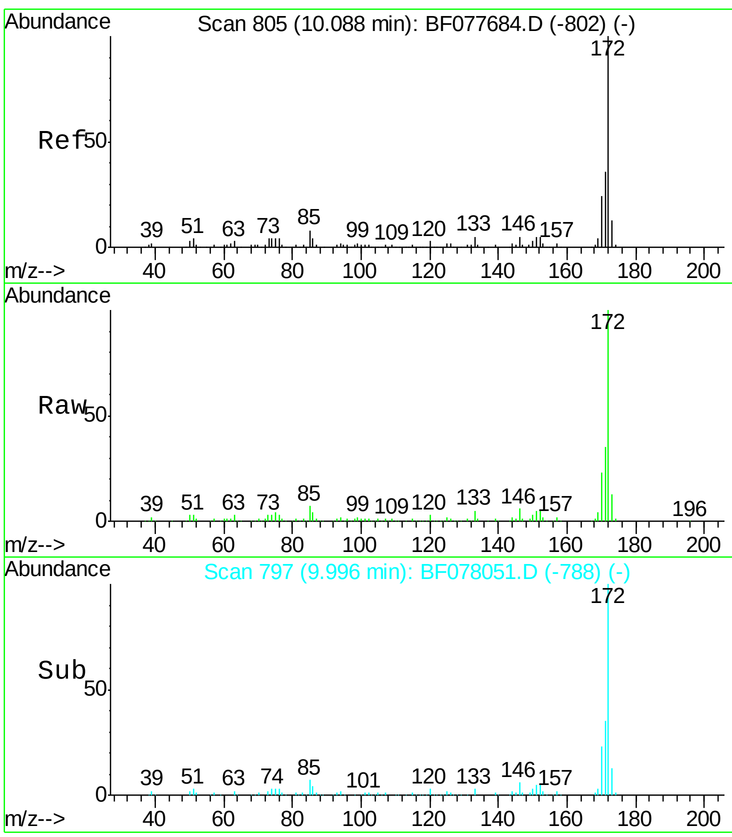
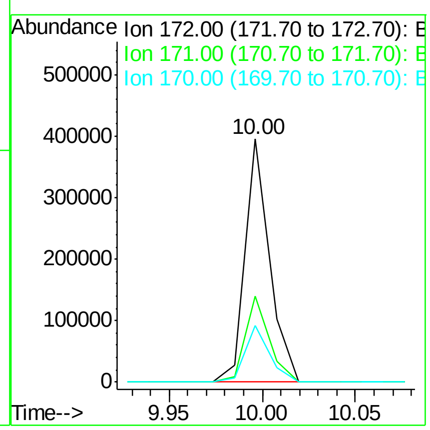
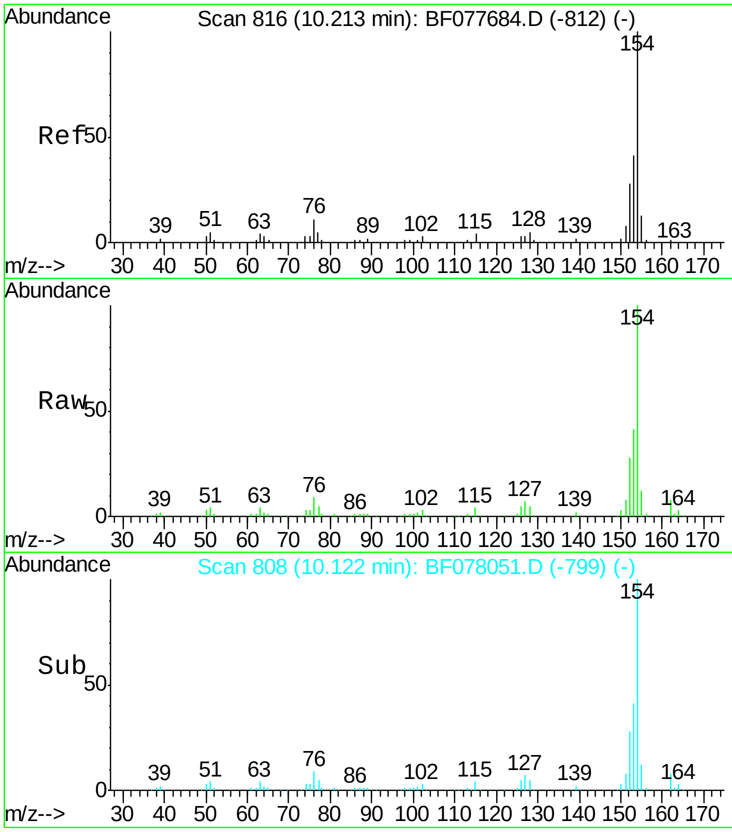


#44
2-Fluorobiphenyl
Concen: 65.69 ng
RT: 10.00 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:172 Resp: 360528

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.4	18.8	28.2





#45
1,1'-Biphenyl
Concen: 31.63 ng
RT: 10.12 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:154 Resp: 203955

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.7	60.7
76	9.5	0.0	30.9

Instrument : BNA_F
ClientSampleId : PB82359BSD

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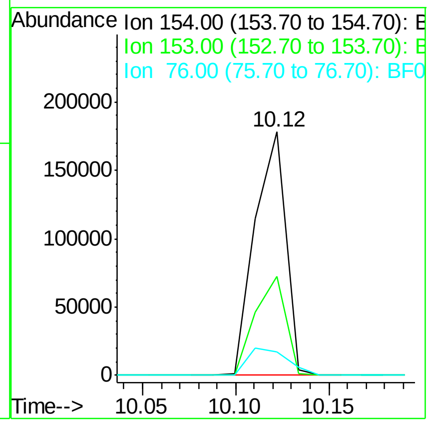
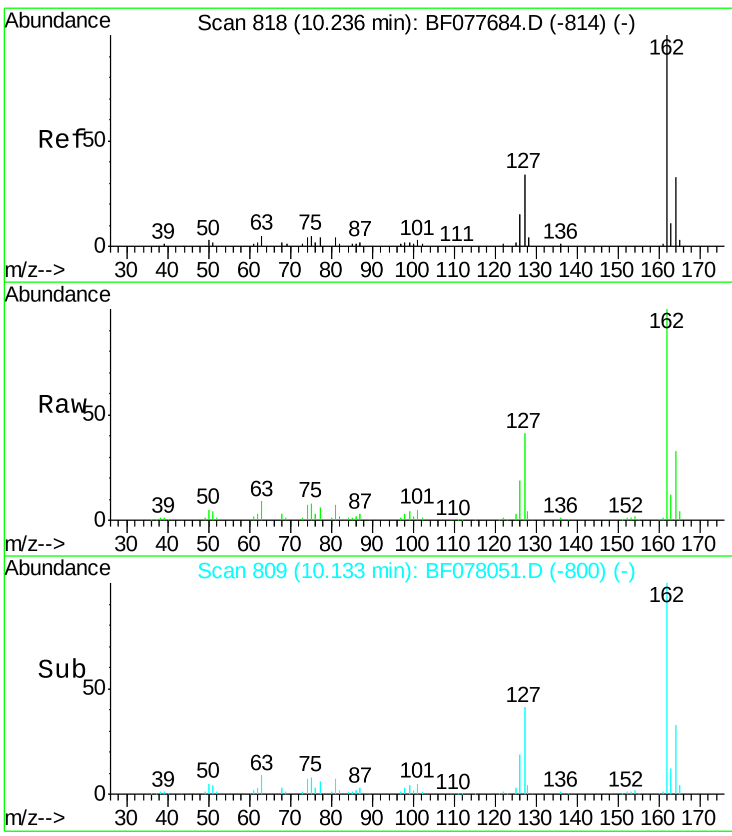
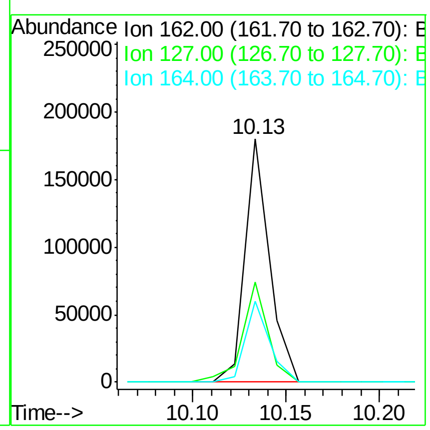


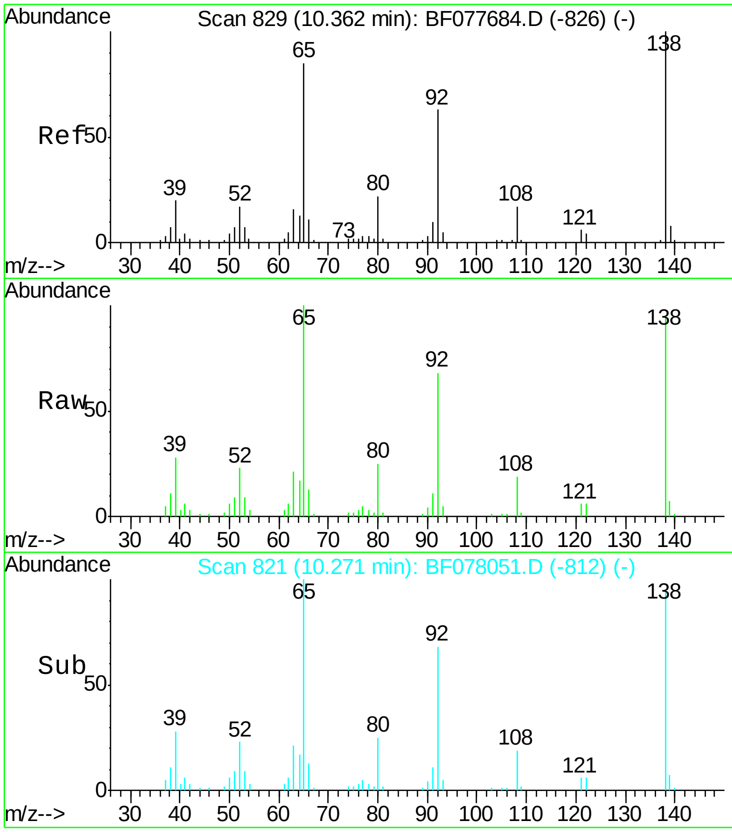


#46
2-Chloronaphthalene
Concen: 31.50 ng
RT: 10.13 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:162 Resp: 165031

Ion	Ratio	Lower	Upper
162	100		
127	41.2	26.9	40.3#
164	33.2	26.8	40.2

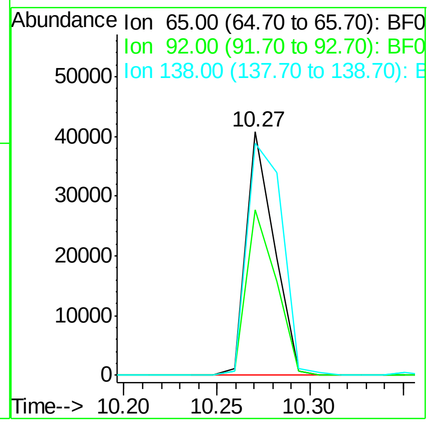




#47
2-Nitroaniline
Concen: 32.80 ng
RT: 10.27 min   Scan# 821
Delta R.T.   -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015   22:09

Tgt Ion: 65 Resp: 42689

Ion	Ratio	Lower	Upper
65	100		
92	67.8	59.1	88.7
138	95.5	93.9	140.9



Instrument : BNA_F
ClientSampleId : PB82359BSD

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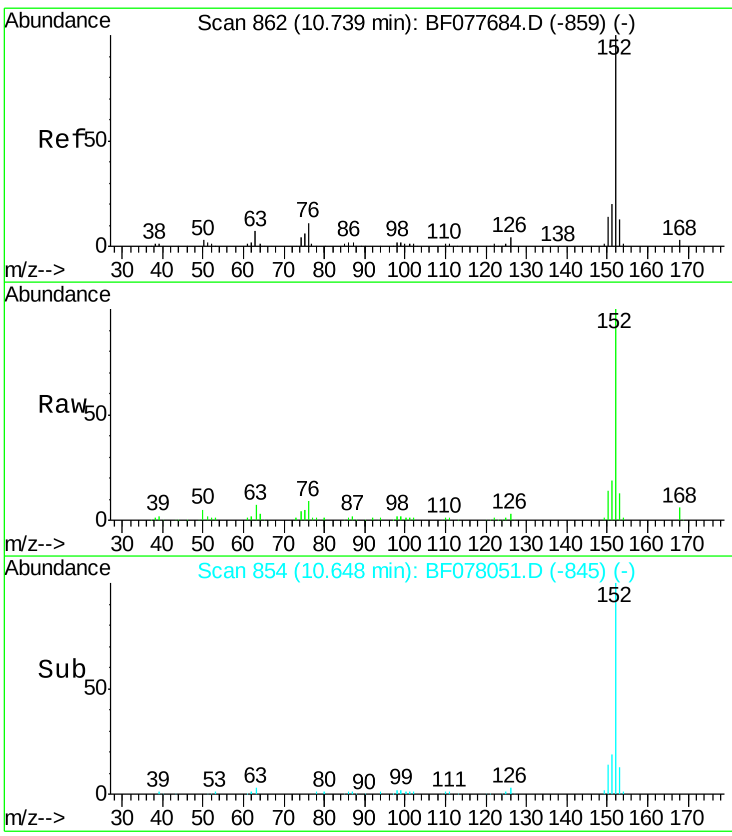
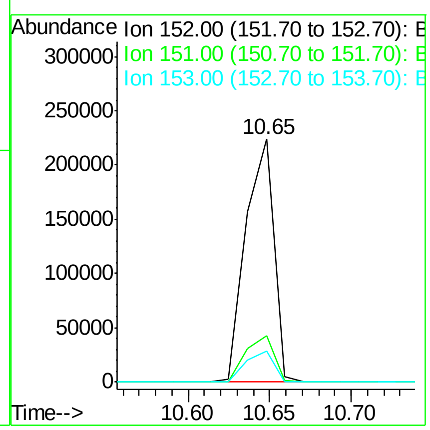
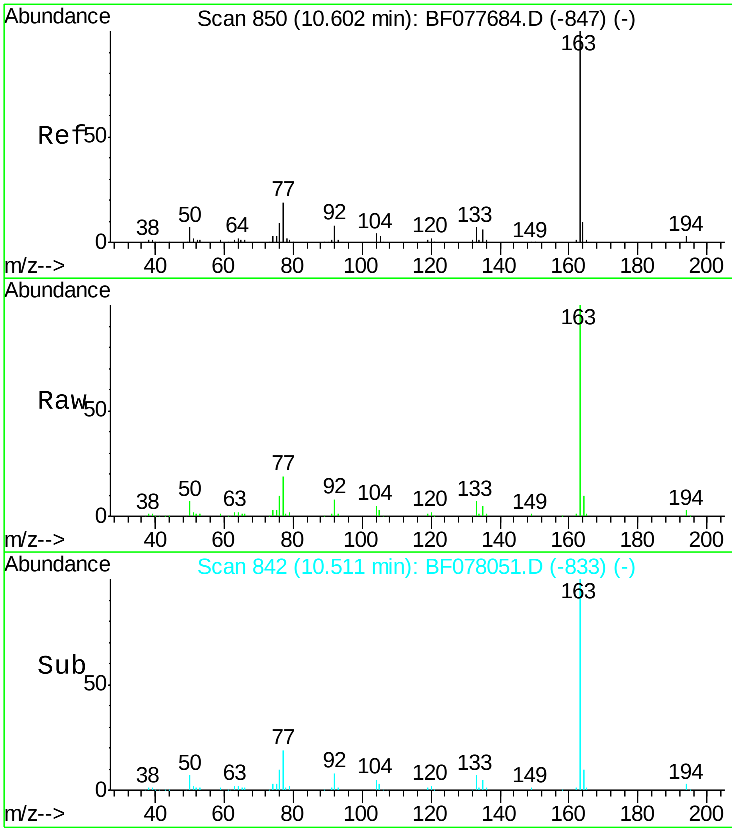


#48
Acenaphthylene
Concen: 30.63 ng
RT: 10.65 min   Scan# 854
Delta R.T.   -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015   22:09

Tgt Ion:152 Resp: 266906

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.9	23.9
153	12.7	10.6	16.0





#49
Dimethylphthalate
Concen: 33.05 ng
RT: 10.51 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Instrument :
BNA_F
ClientSampleId :
PB82359BSD

Tgt Ion:163 Resp: 197698

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.4	8.2	12.2

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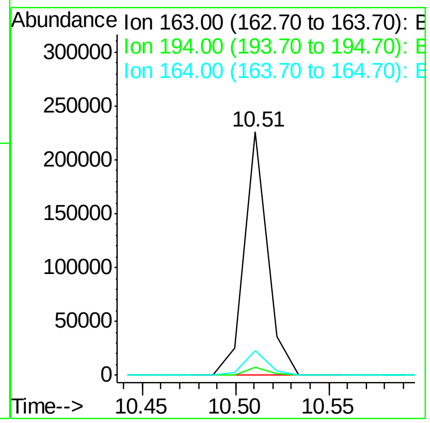
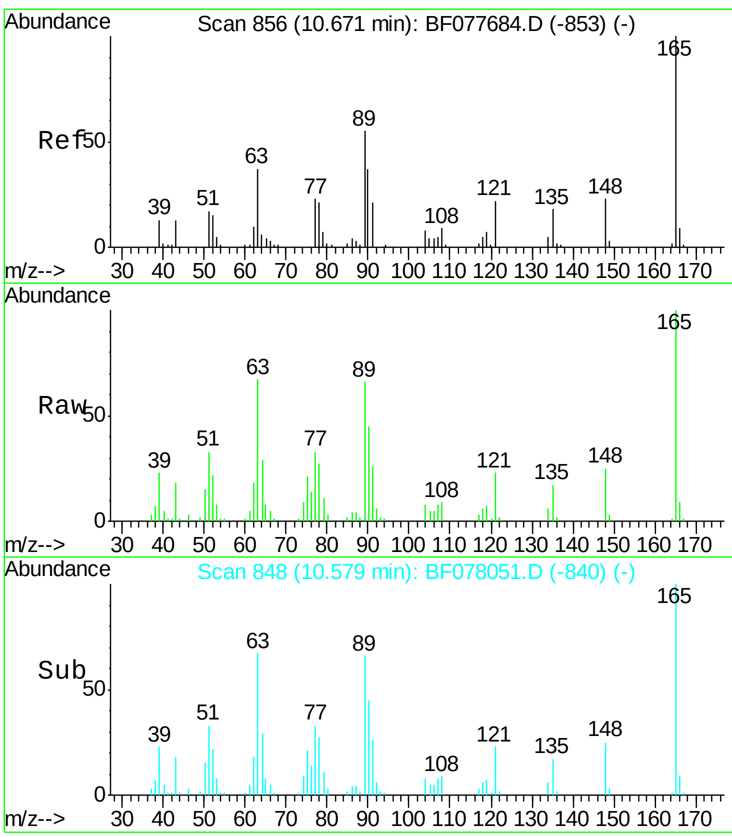
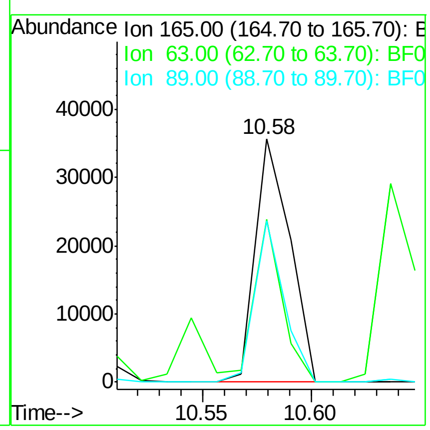


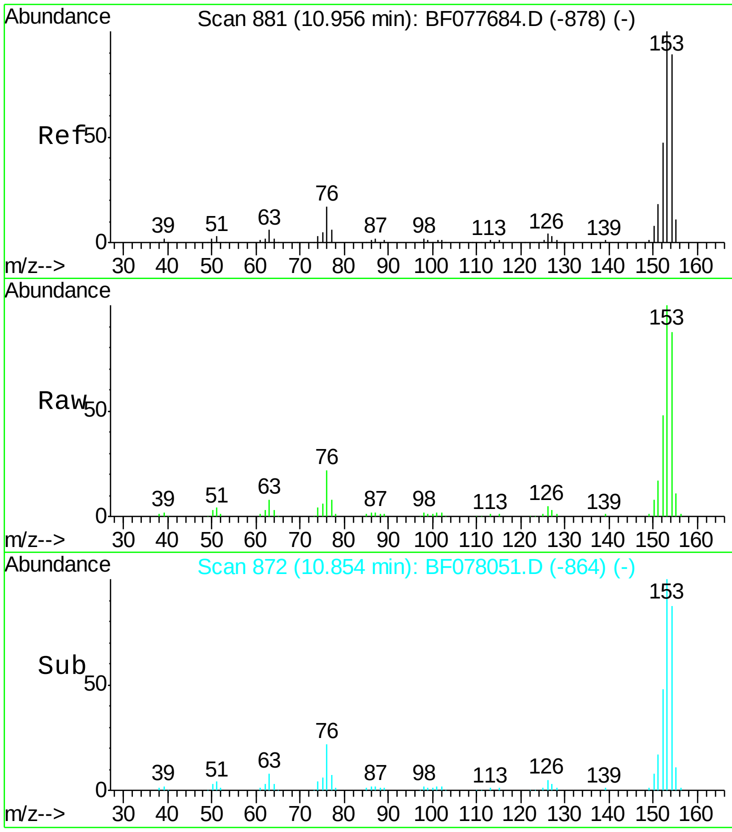


#50
2,6-Dinitrotoluene
Concen: 31.86 ng
RT: 10.58 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:165 Resp: 39503

Ion	Ratio	Lower	Upper
165	100		
63	67.0	44.1	66.1#
89	66.3	44.3	66.5





#51
Acenaphthene
Concen: 29.76 ng
RT: 10.85 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Instrument :
BNA_F
ClientSampleId :
PB82359BSD

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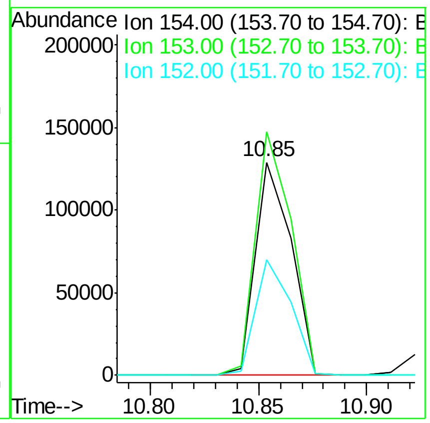
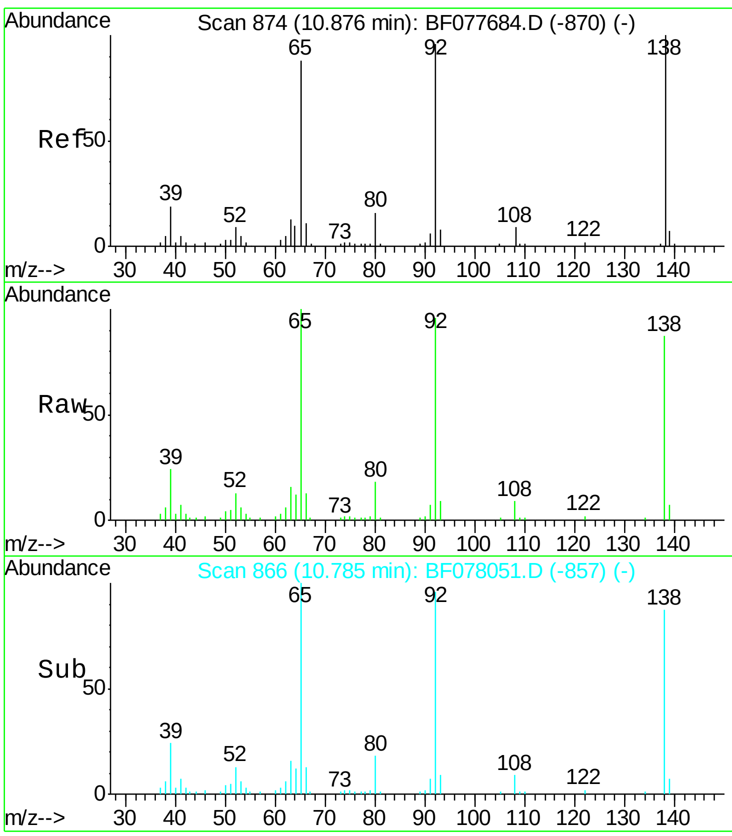
Tgt Ion:154 Resp: 148666

Ion	Ratio	Lower	Upper
154	100		
153	114.3	90.0	135.0
152	54.3	42.6	63.8

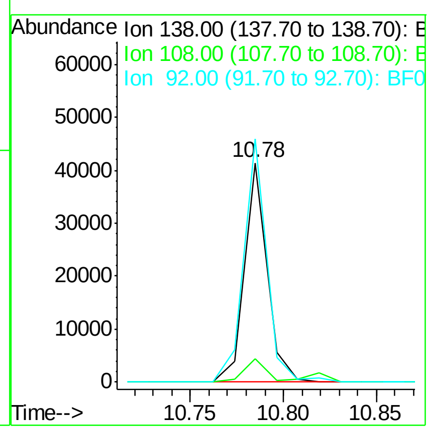


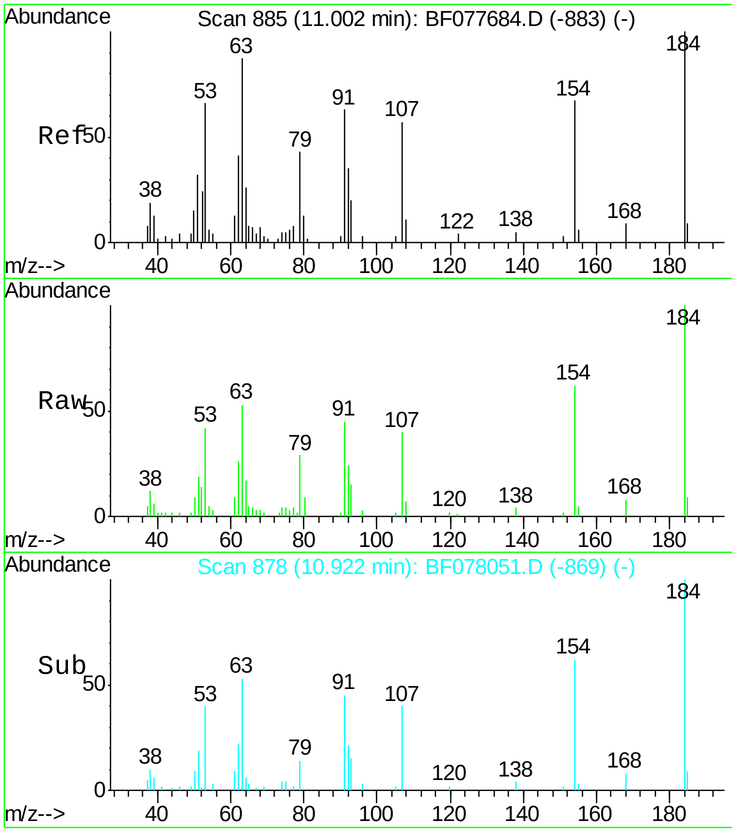


#52
3-Nitroaniline
Concen: 24.58 ng
RT: 10.78 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:138 Resp: 35397

Ion	Ratio	Lower	Upper
138	100		
108	10.7	7.3	10.9
92	110.8	76.6	114.8





#53
2,4-Dinitrophenol
Concen: 49.92 ng
RT: 10.92 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Instrument :
BNA_F
ClientSampleId :
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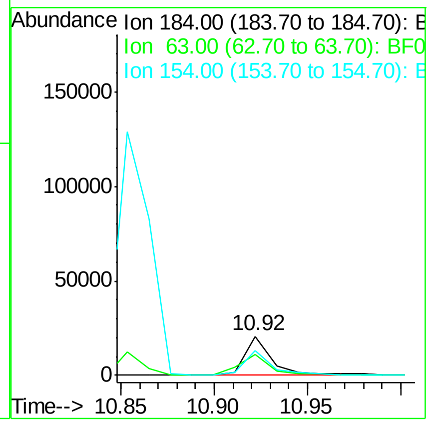
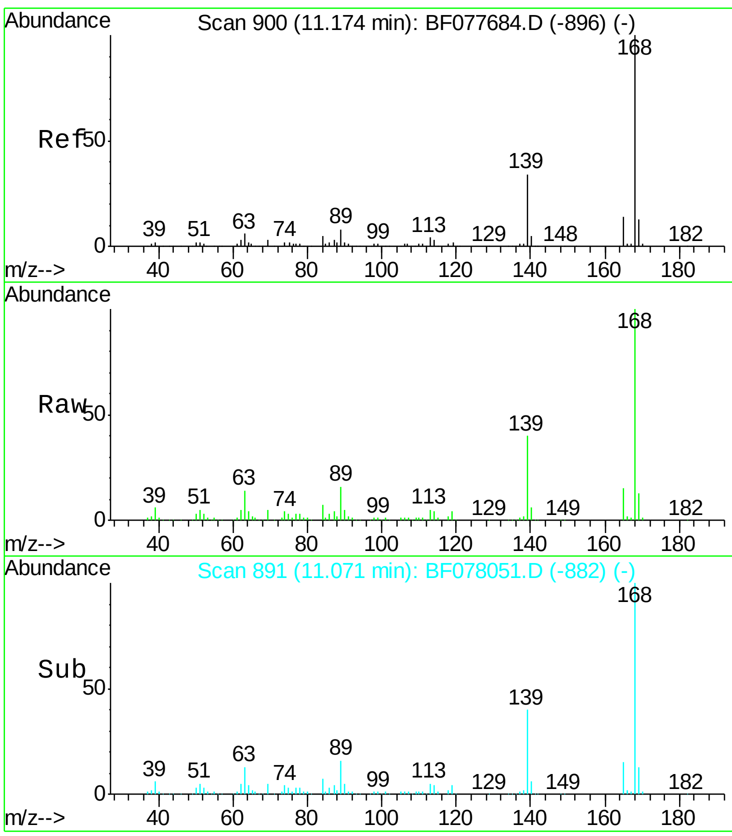
Tgt Ion:184 Resp: 21204

Ion	Ratio	Lower	Upper
184	100		
63	52.8	69.2	103.8#
154	62.5	53.3	79.9

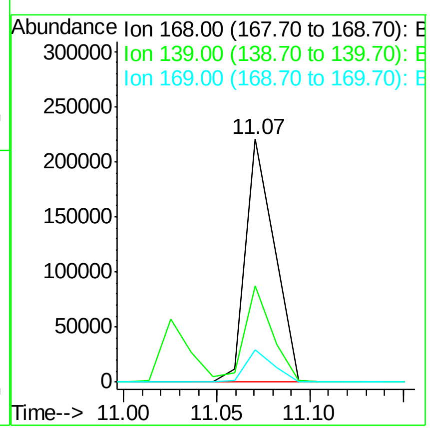


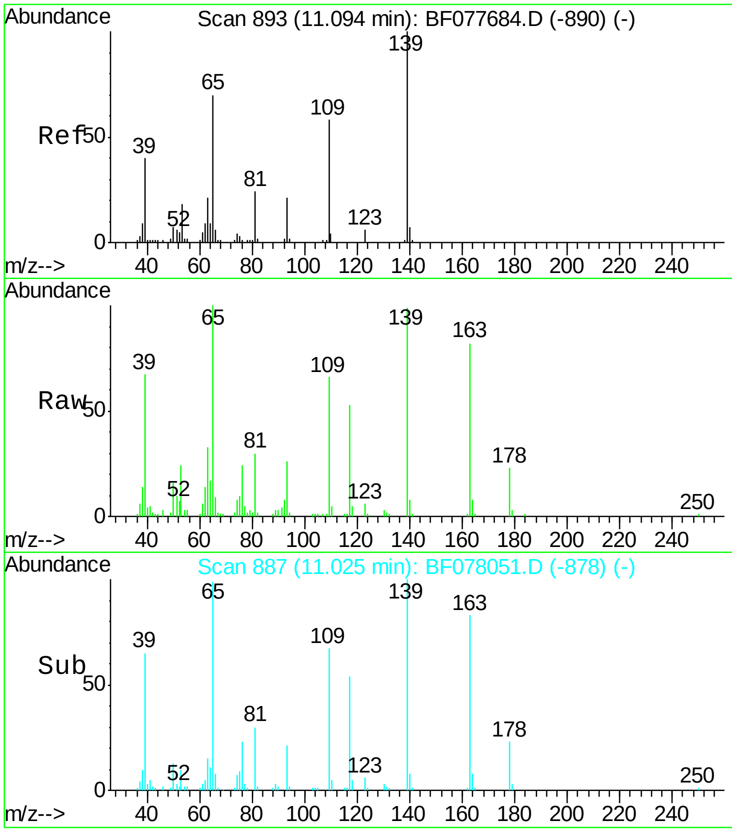


#54
Dibenzofuran
Concen: 32.00 ng
RT: 11.07 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:168 Resp: 237134

Ion	Ratio	Lower	Upper
168	100		
139	39.6	27.3	40.9
169	13.5	10.6	16.0





#55
4-Nitrophenol
Concen: 58.84 ng
RT: 11.02 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Instrument :
BNA_F
ClientSampleId :
PB82359BSD

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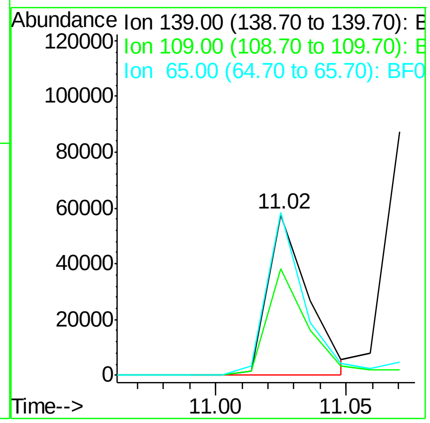
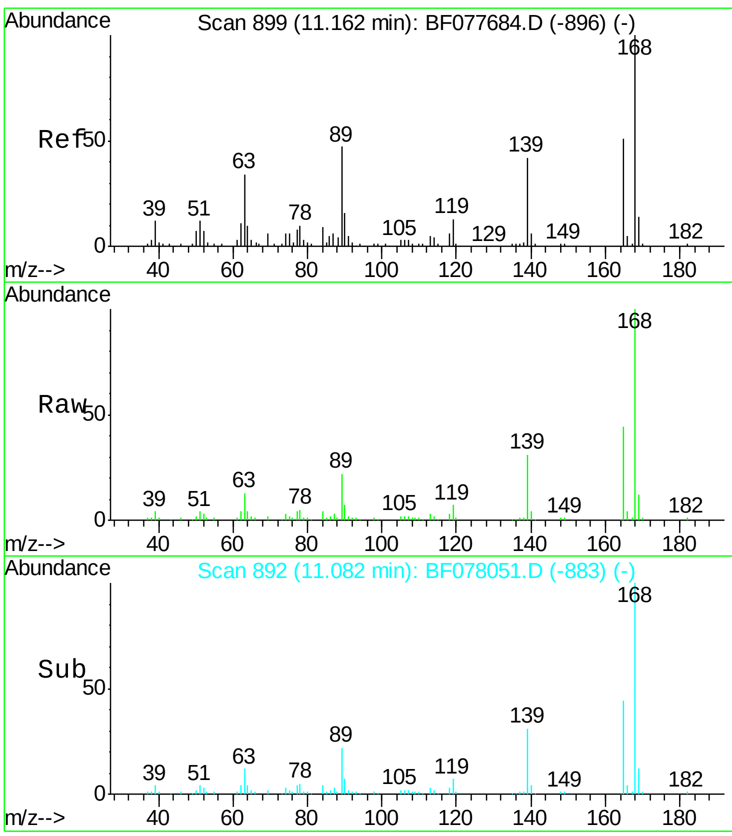
Tgt Ion:139 Resp: 62773

Ion	Ratio	Lower	Upper
139	100		
109	66.7	37.7	77.7
65	101.2	49.9	89.9#

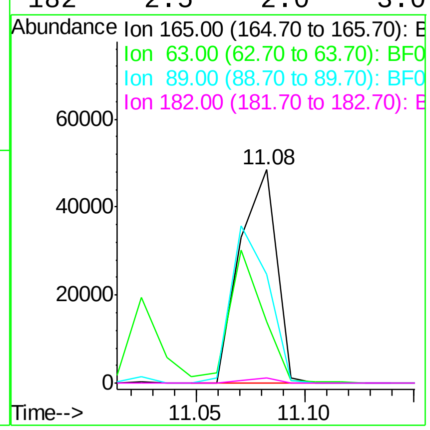




#56
2,4-Dinitrotoluene
Concen: 35.12 ng
RT: 11.08 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:165 Resp: 56782

Ion	Ratio	Lower	Upper
165	100		
63	28.9	52.4	78.6#
89	50.7	72.4	108.6#
182	2.5	2.0	3.0



Instrument :
BNA_F
ClientSampleId :
PB82359BSD

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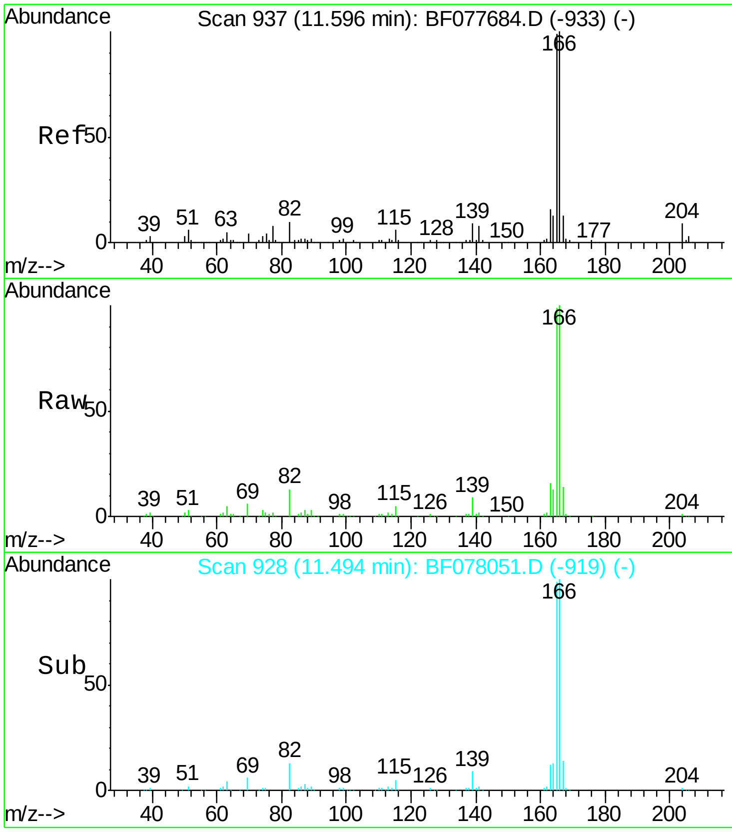
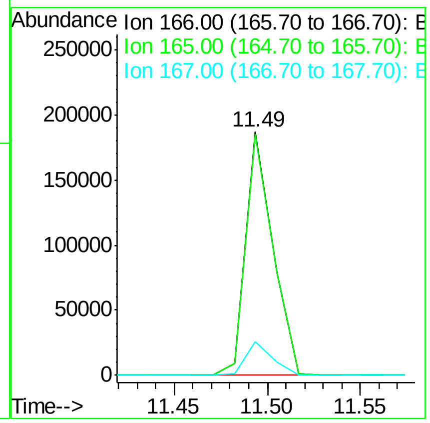
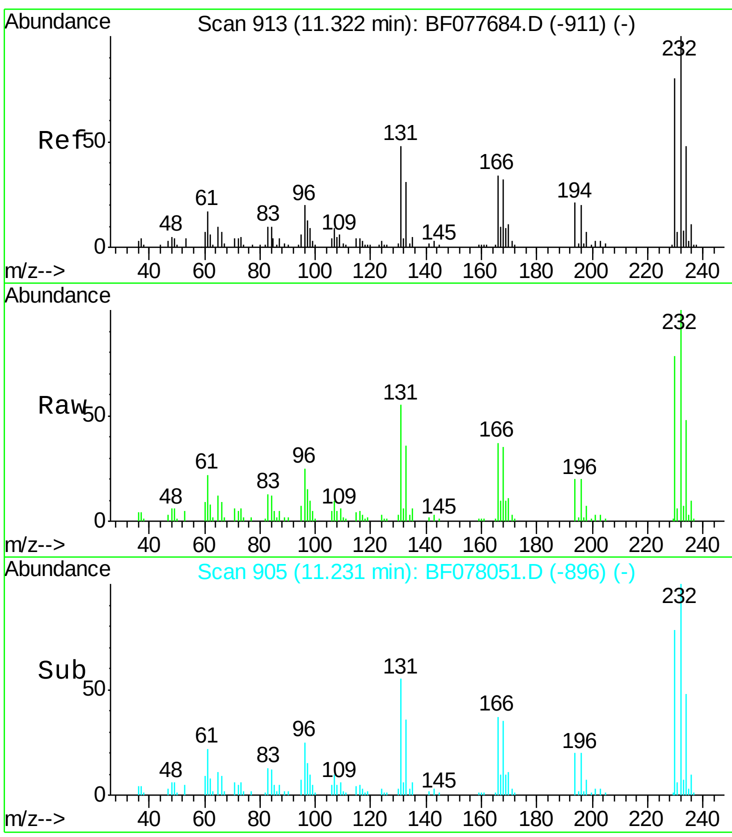


#57
Fluorene
Concen: 30.79 ng
RT: 11.49 min Scan# 928
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:166 Resp: 189413

Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.0	118.4
167	13.7	10.3	15.5

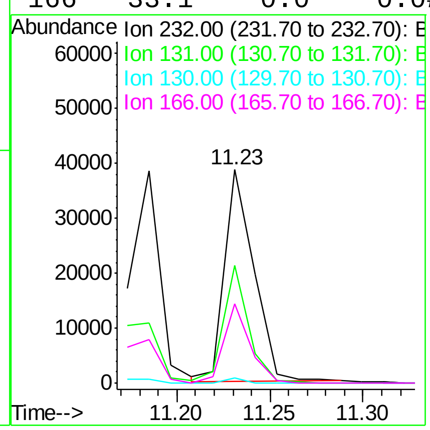


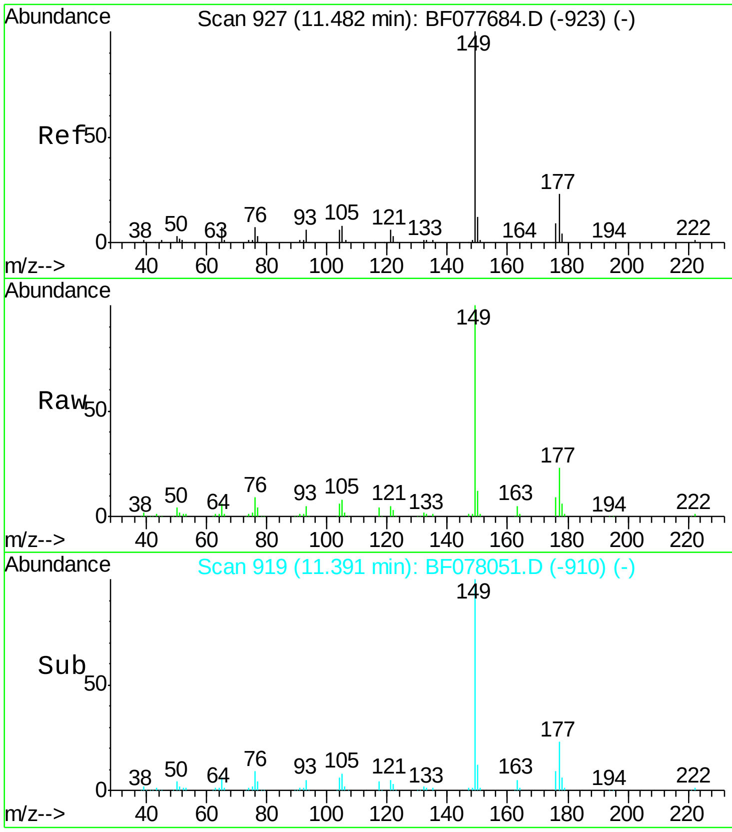


#58
2,3,4,6-Tetrachlorophenol
Concen: 30.68 ng
RT: 11.23 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:232 Resp: 42529

Ion	Ratio	Lower	Upper
232	100		
131	47.9	0.0	0.0#
130	1.6	0.0	0.0#
166	33.1	0.0	0.0#





#59
Diethylphthalate
Concen: 33.83 ng
RT: 11.39 min Scan# 919
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Instrument :
BNA_F
ClientSampleId :
PB82359BSD

Tgt Ion:149 Resp: 197176

Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.3	27.5
150	11.6	9.8	14.8

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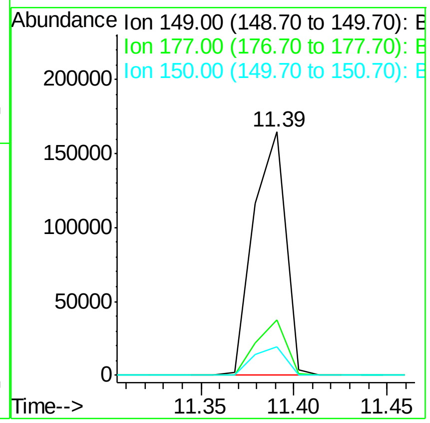
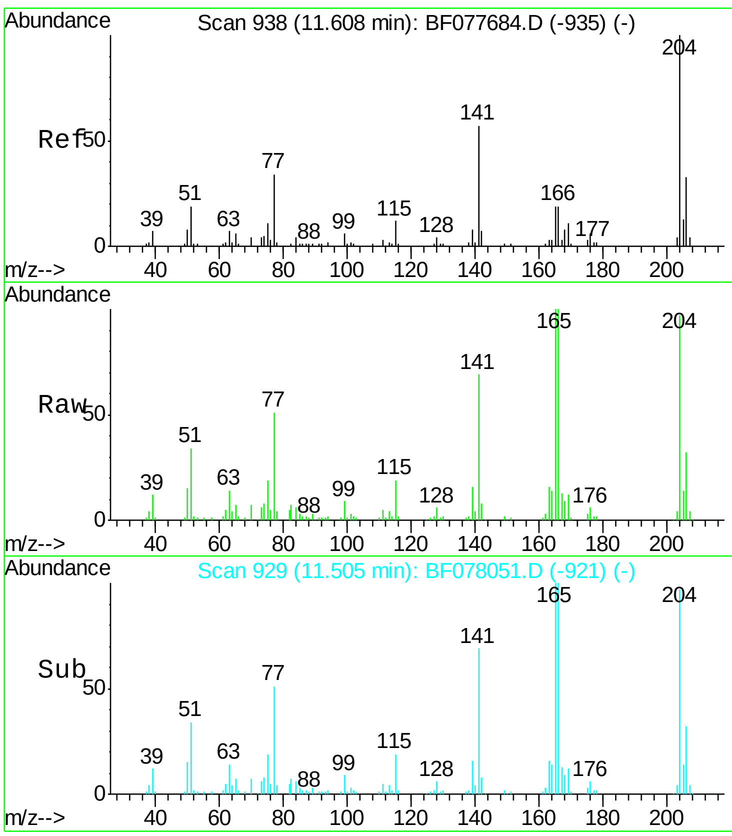
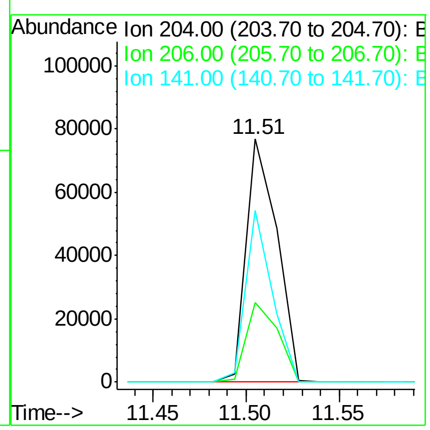


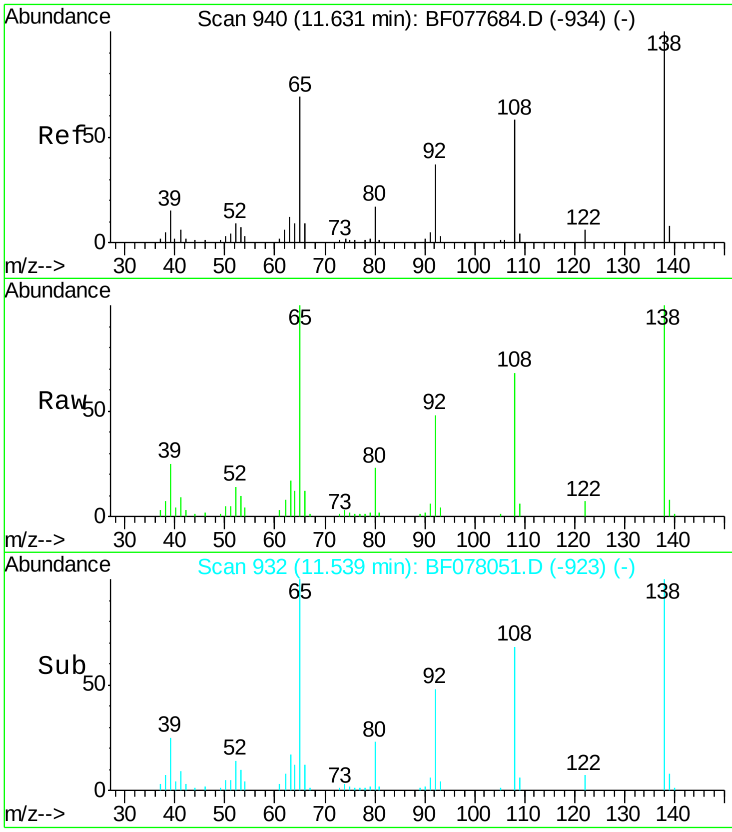


#60
4-Chlorophenyl-phenylether
Concen: 31.44 ng
RT: 11.51 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:204 Resp: 88282

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.6	39.8
141	70.8	45.2	67.8#





#61
4-Nitroaniline
Concen: 30.73 ng
RT: 11.54 min   Scan# 932
Delta R.T.   -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015   22:09

Tgt Ion:138 Resp: 44104

Ion	Ratio	Lower	Upper
138	100		
92	48.4	16.7	56.7
108	67.6	37.6	77.6

Instrument :
BNA_F
ClientSampleId :
PB82359BSD

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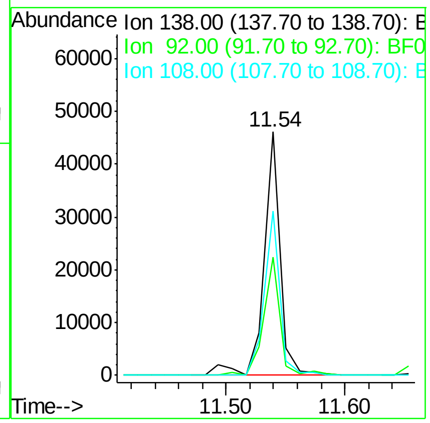
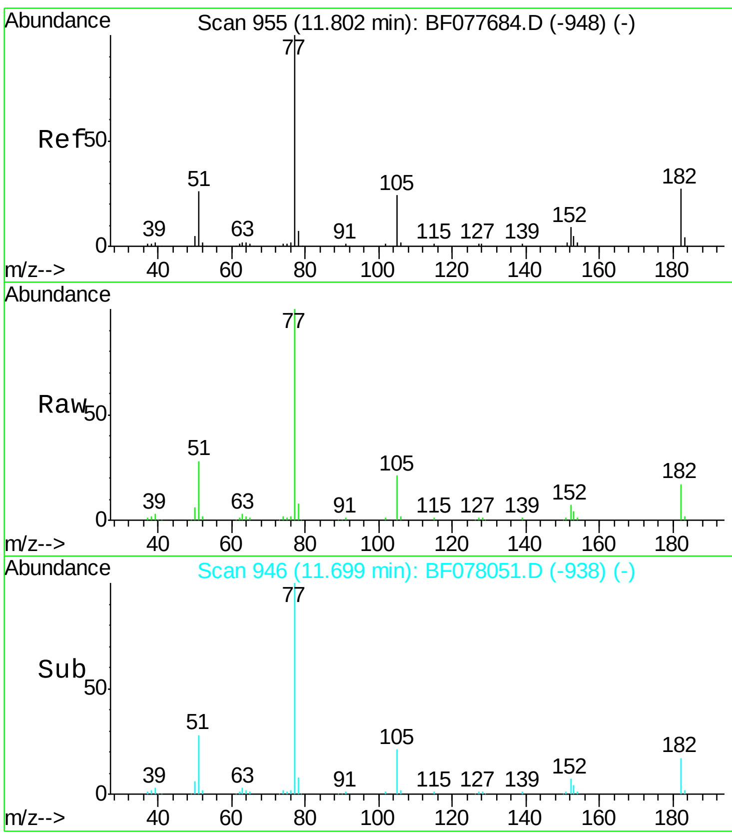
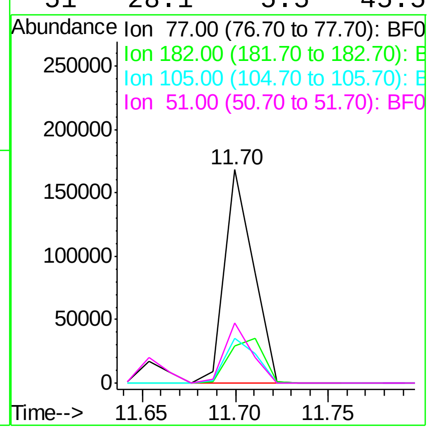


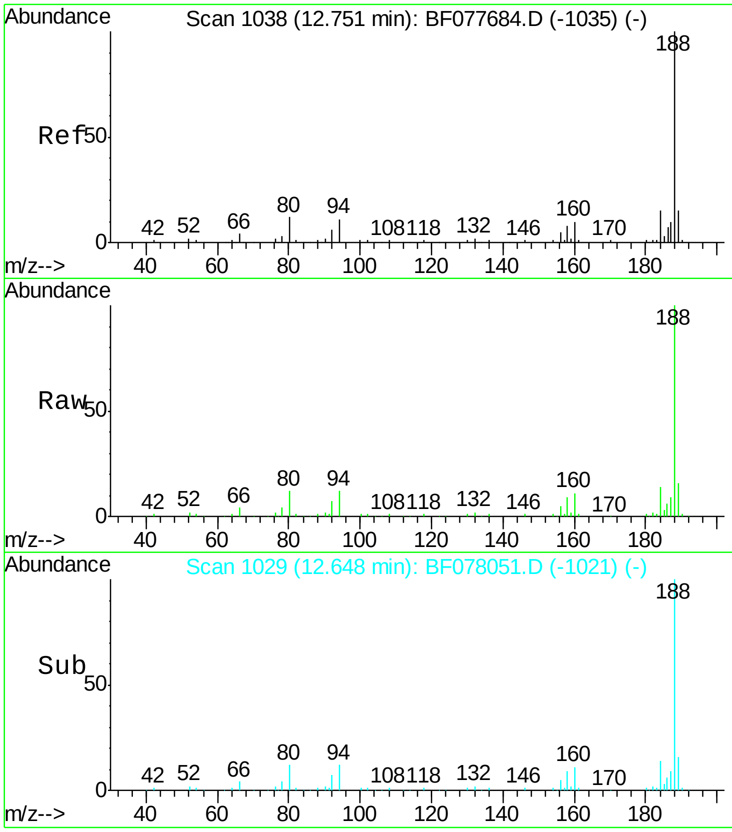


#62
Azobenzene
Concen: 32.62 ng
RT: 11.70 min   Scan# 946
Delta R.T.   -0.01 min
Lab File: BF078051.D
Acq: 27 Mar 2015   22:09

Tgt Ion: 77 Resp: 181707

Ion	Ratio	Lower	Upper
77	100		
182	17.2	6.5	46.5
105	21.1	3.8	43.8
51	28.1	5.5	45.5





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.65 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Instrument :
BNA_F
ClientSampleId :
PB82359BSD

Tgt Ion:188 Resp: 154676

Ion	Ratio	Lower	Upper
188	100		
94	11.9	8.7	13.1
80	12.5	9.3	13.9

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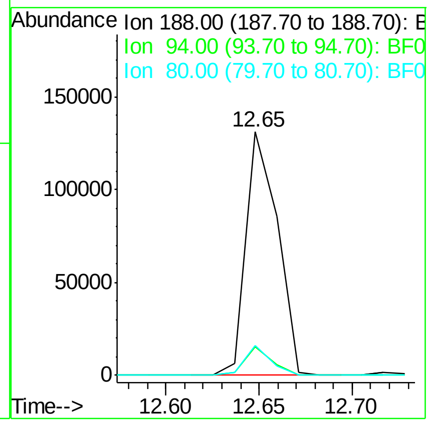
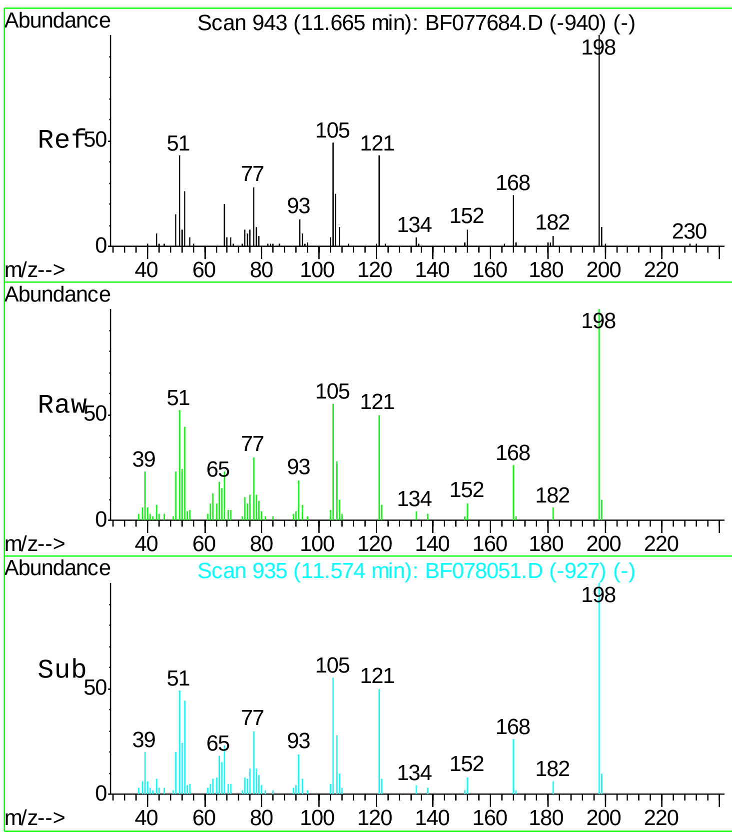
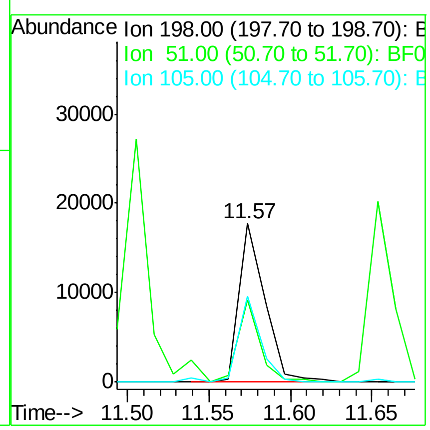


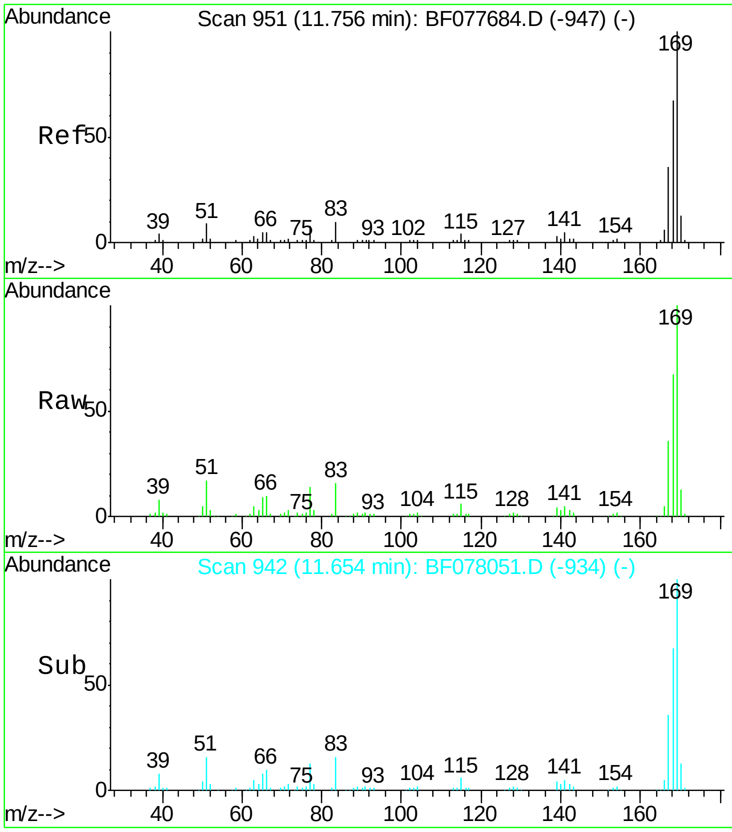


#64
4,6-Dinitro-2-methylphenol
Concen: 28.37 ng
RT: 11.57 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:198 Resp: 19312

Ion	Ratio	Lower	Upper
198	100		
51	51.9	28.8	68.8
105	54.6	30.5	70.5





#65
n-Nitrosodiphenylamine
Concen: 32.90 ng
RT: 11.65 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Instrument :
BNA_F
ClientSampleId :
PB82359BSD

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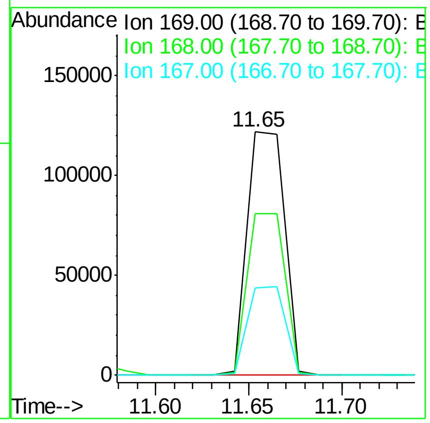
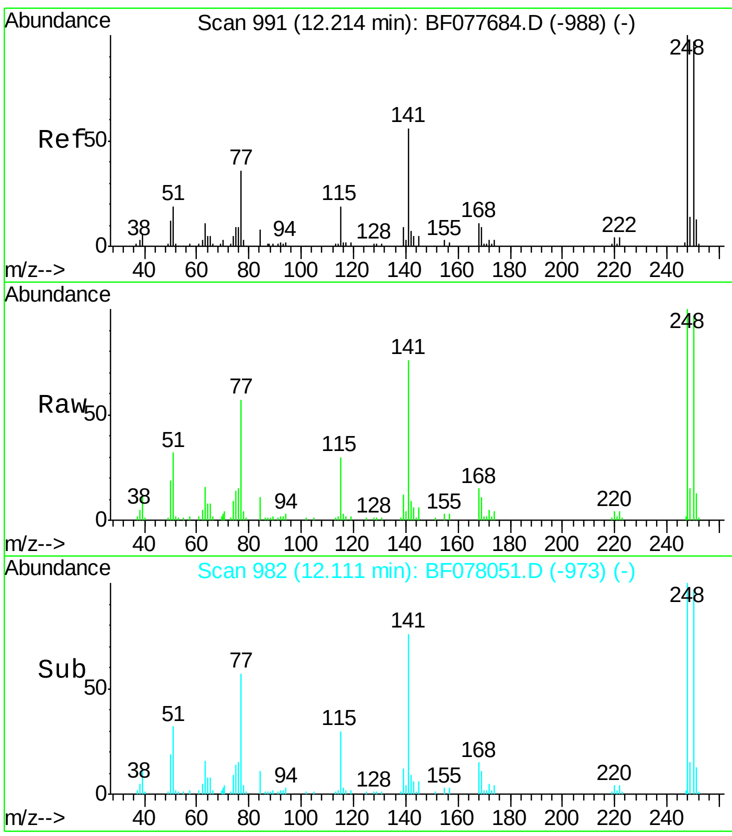
Tgt Ion:169 Resp: 169463

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.9	80.9
167	35.8	28.9	43.3

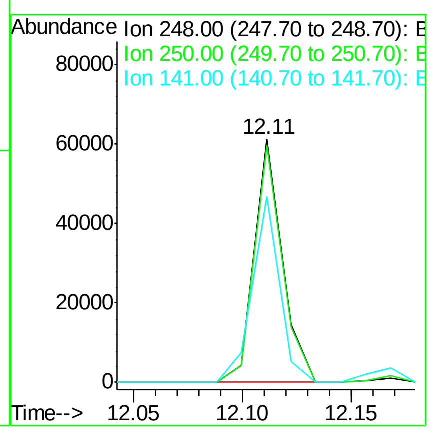


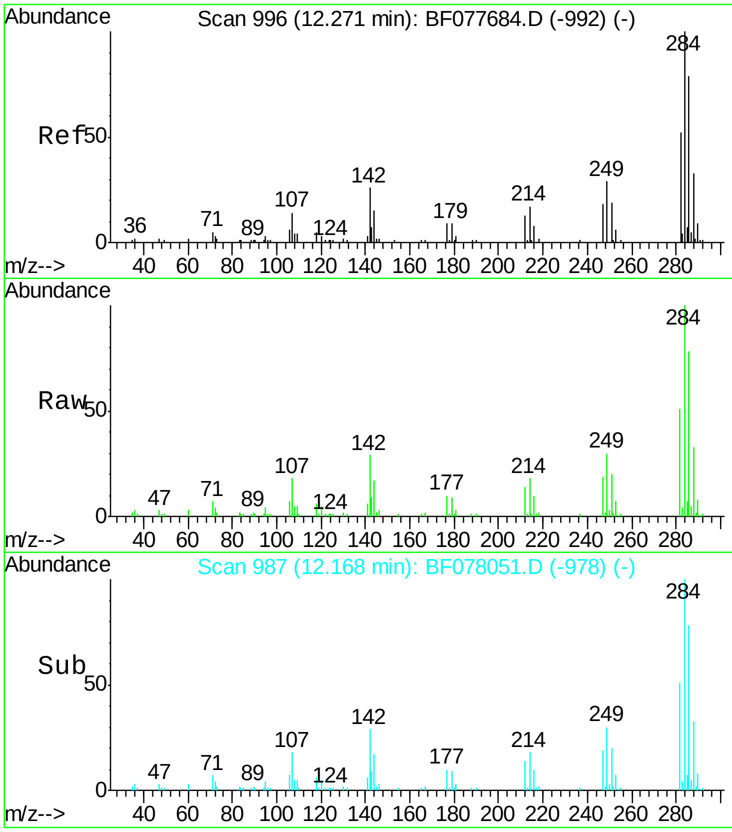


#66
4-Bromophenyl-phenylether
Concen: 33.35 ng
RT: 12.11 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:248 Resp: 55053

Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.4	116.0
141	76.5	45.2	67.8#





#67
Hexachlorobenzene
Concen: 31.94 ng
RT: 12.17 min   Scan# 987
Delta R.T.   -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015   22:09

Instrument :
BNA_F
ClientSampleId :
PB82359BSD

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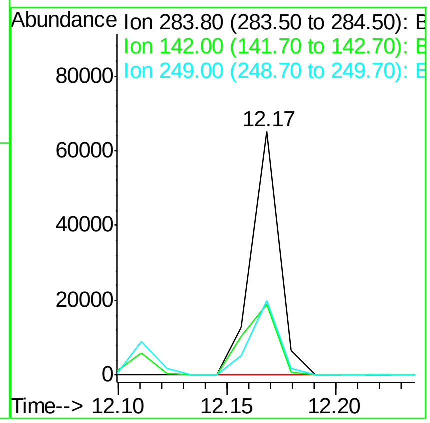
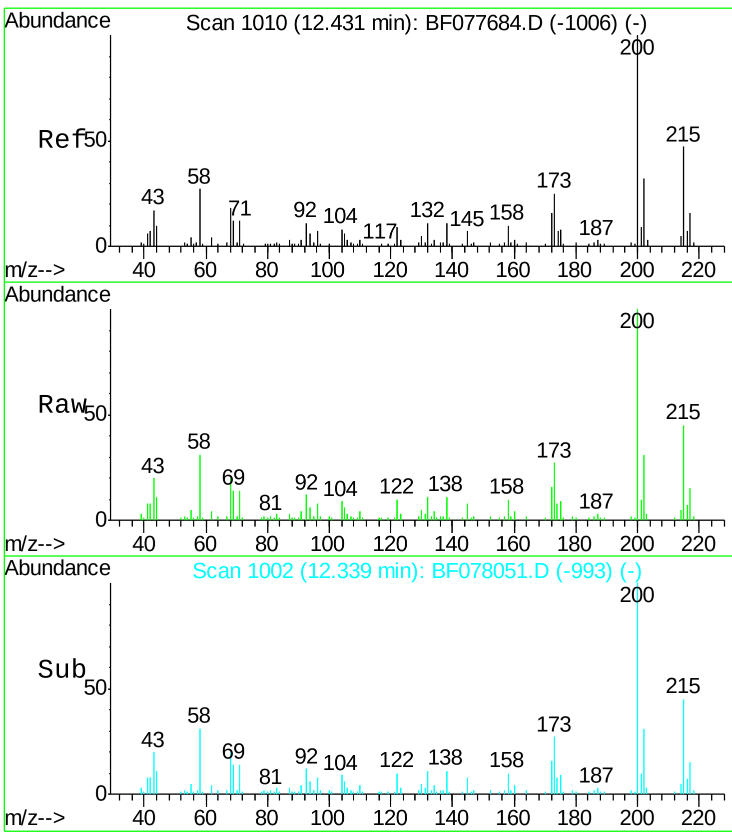
Tgt Ion:284 Resp: 57931

Ion	Ratio	Lower	Upper
284	100		
142	29.0	20.4	30.6
249	30.5	23.8	35.6

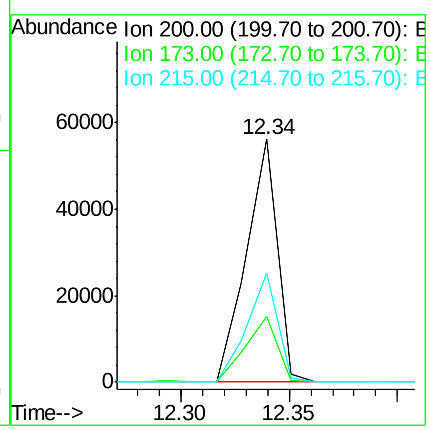




#68
Atrazine
Concen: 38.39 ng
RT: 12.34 min   Scan# 1002
Delta R.T.   -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015   22:09

Tgt Ion:200 Resp: 55412

Ion	Ratio	Lower	Upper
200	100		
173	26.8	4.8	44.8
215	45.1	26.9	66.9



#69
Pentachlorophenol
Concen: 46.60 ng
RT: 12.43 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Instrument :
BNA_F
ClientSampleId :
PB82359BSD

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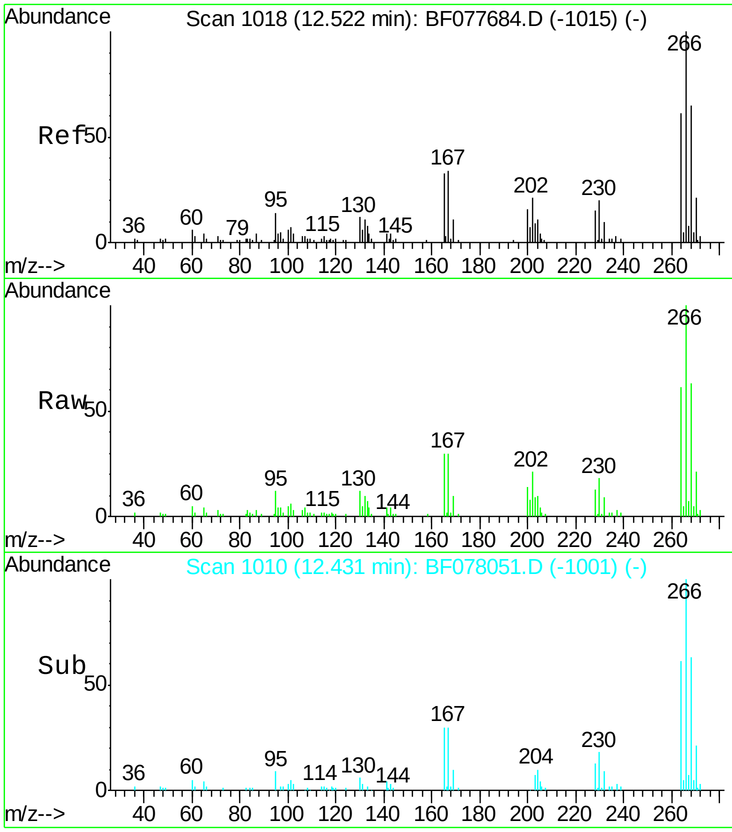
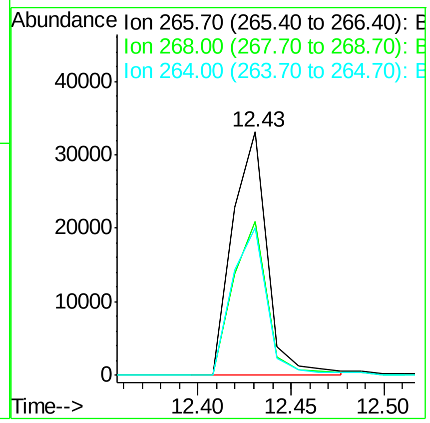
Tgt Ion:266 Resp: 42996

Ion	Ratio	Lower	Upper
266	100		
268	63.3	52.0	78.0
264	60.9	49.0	73.4

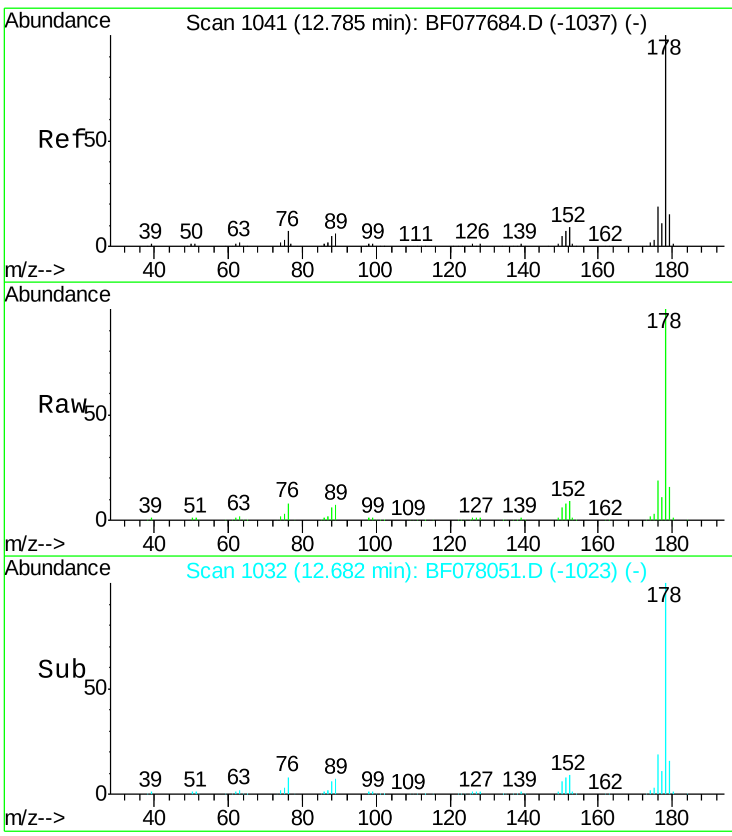


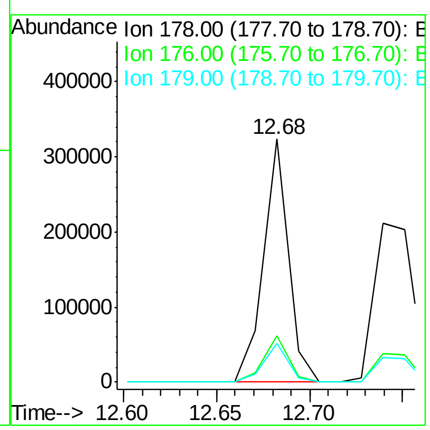


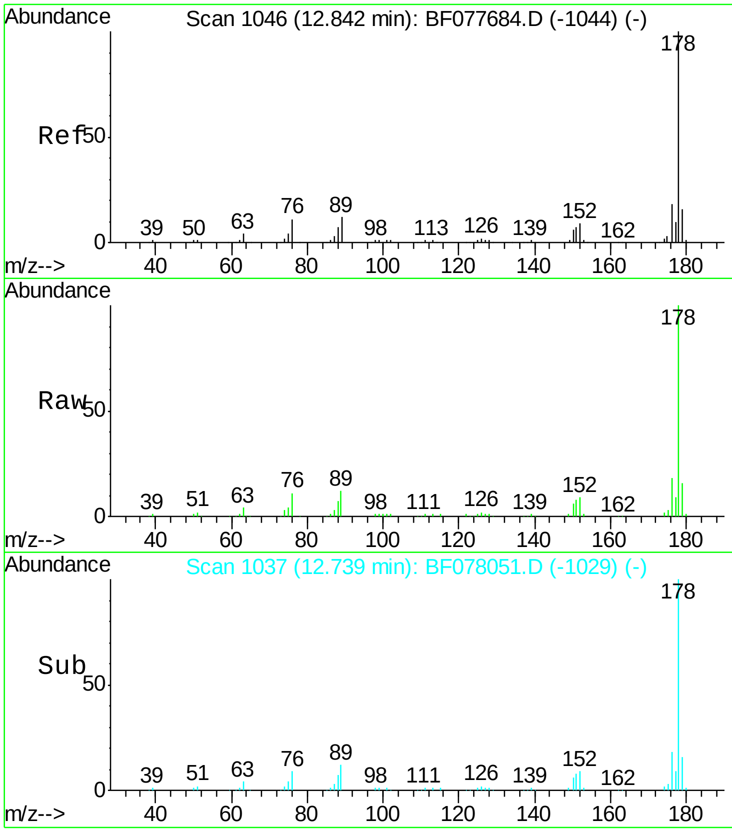
#70
Phenanthrene
Concen: 33.61 ng
RT: 12.68 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:178 Resp: 298480

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.7	12.1	18.1







#71
Anthracene
Concen: 33.23 ng
RT: 12.74 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:178 Resp: 291563

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	15.7	12.6	19.0

Instrument :
BNA_F
ClientSampleId :
PB82359BSD

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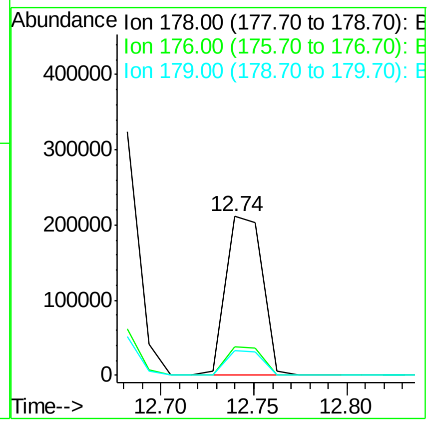
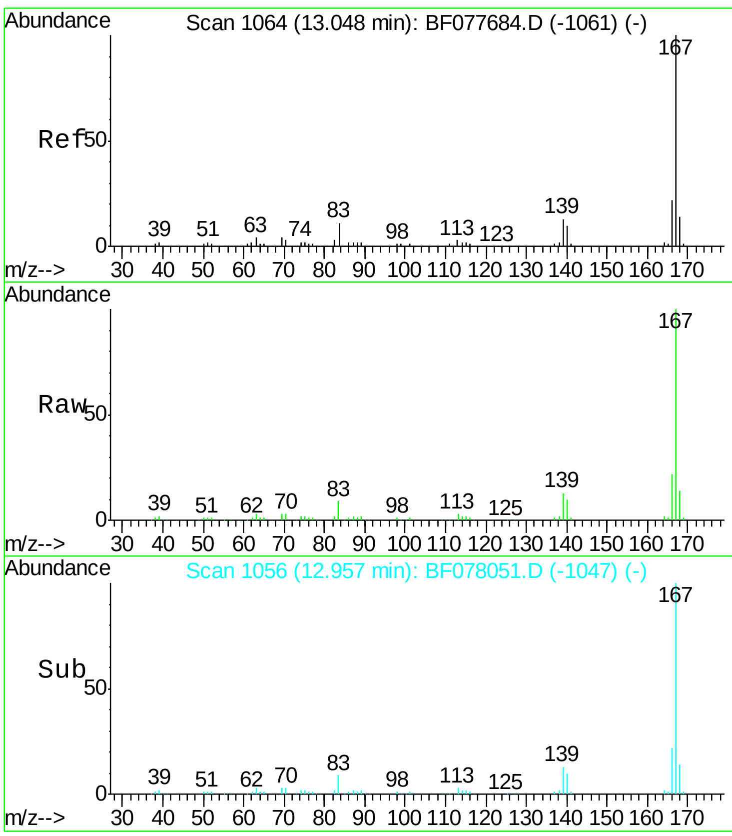
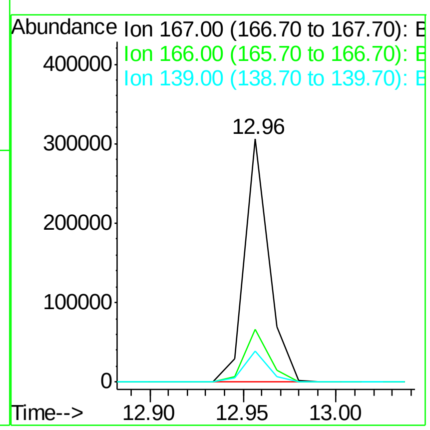


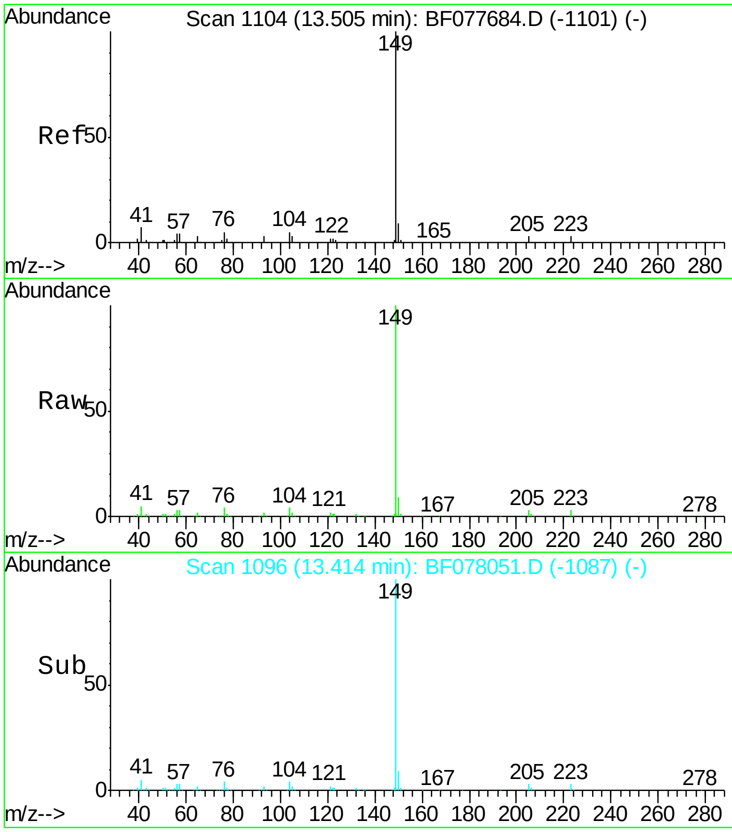


#72
Carbazole
Concen: 33.66 ng
RT: 12.96 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:167 Resp: 280883

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	12.6	10.8	16.2





#73
Di-n-butylphthalate
Concen: 34.81 ng
RT: 13.41 min Scan# 1096
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:149 Resp: 325693

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	4.2	3.7	5.5

Instrument :
BNA_F
ClientSampleId :
PB82359BSD

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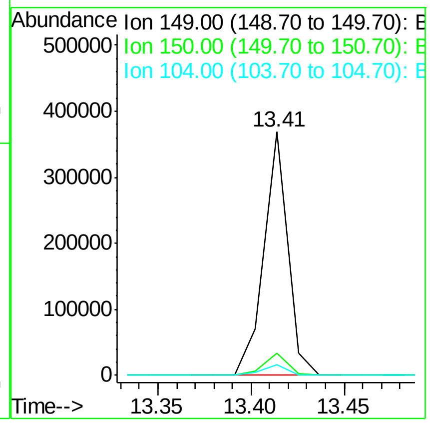
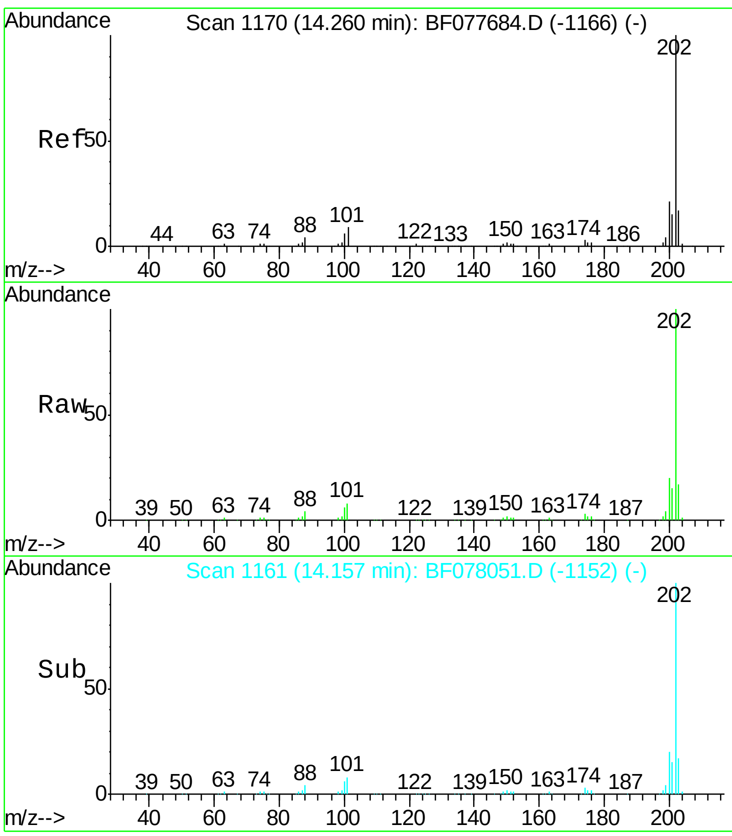
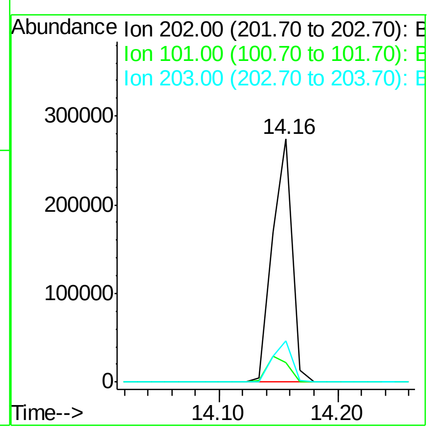


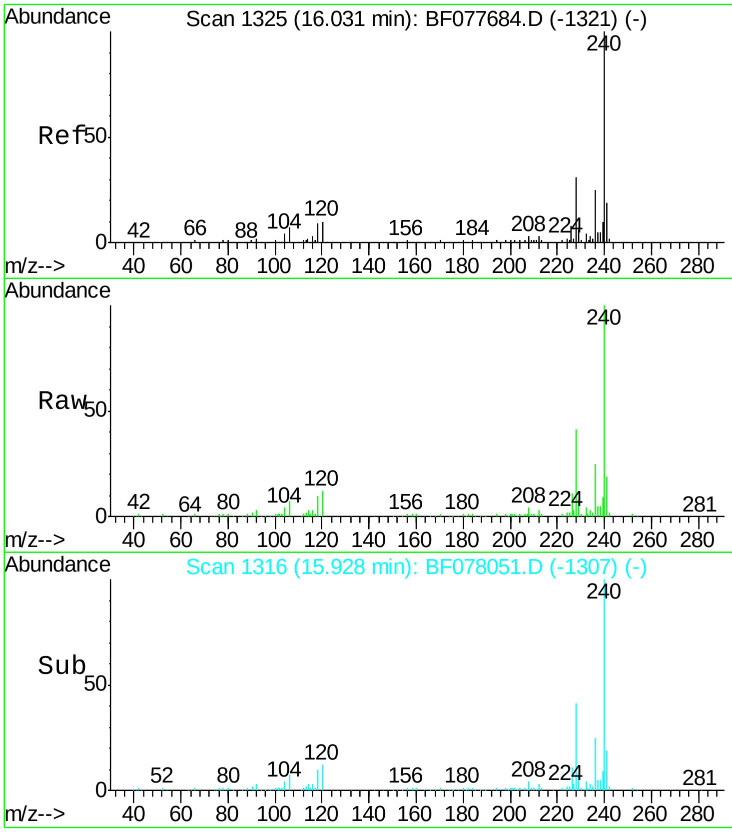


#74
Fluoranthene
Concen: 32.59 ng
RT: 14.16 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:202 Resp: 319156

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	28.7
203	16.9	0.0	37.2





#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.93 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Instrument :
BNA_F
ClientSampleId :
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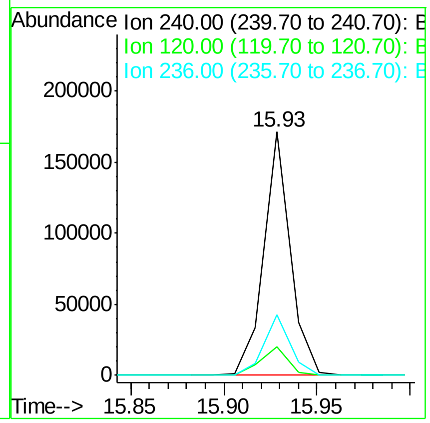
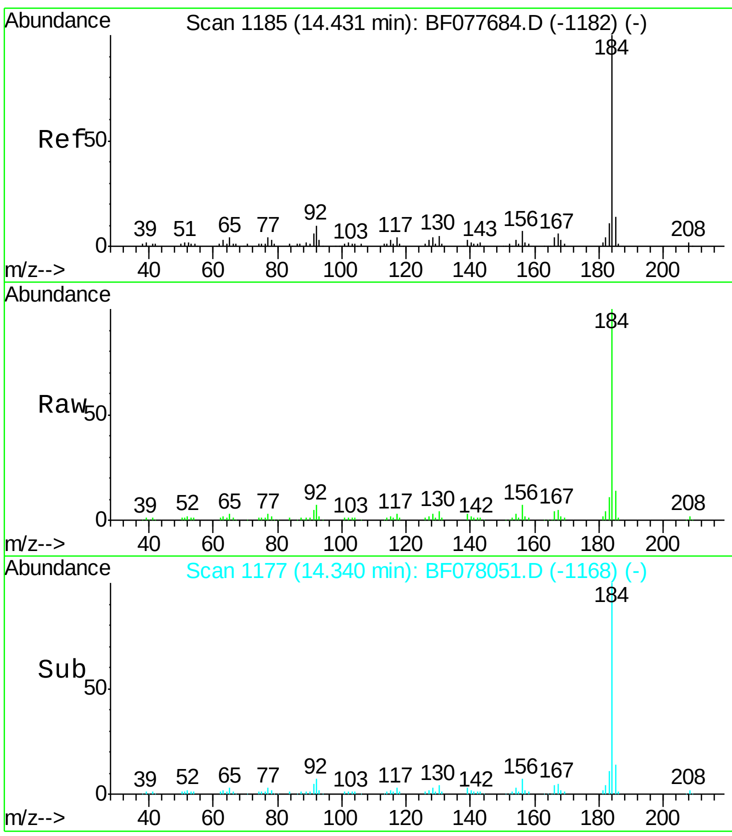
Tgt Ion:240 Resp: 168209

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.2	12.2
236	24.9	20.0	30.0

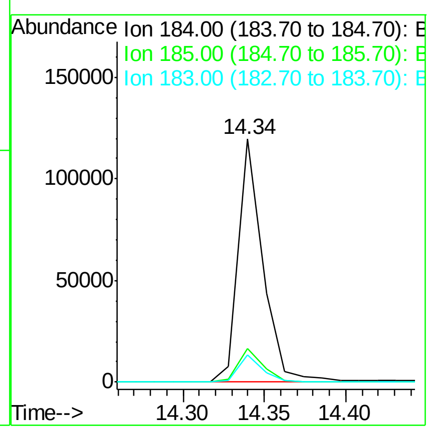


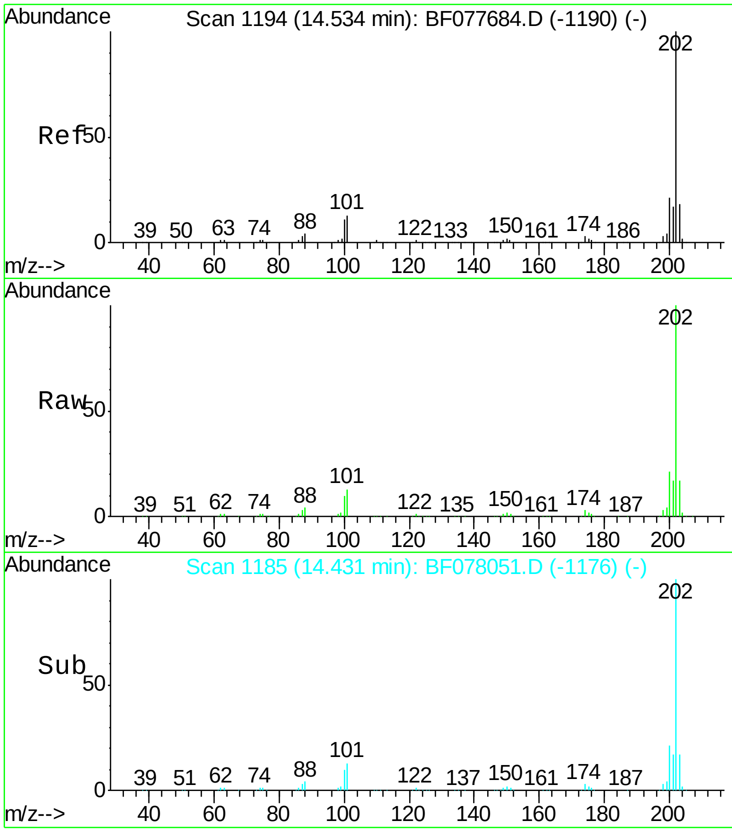


#76
Benzidine
Concen: 29.94 ng
RT: 14.34 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:184 Resp: 125103

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.3	16.9
183	11.1	8.9	13.3

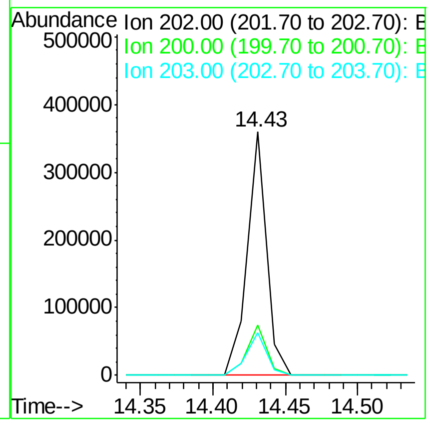




#77
Pyrene
Concen: 31.75 ng
RT: 14.43 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:202 Resp: 335827

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	17.4	14.1	21.1



Instrument :
BNA_F
ClientSampleId :
PB82359BSD

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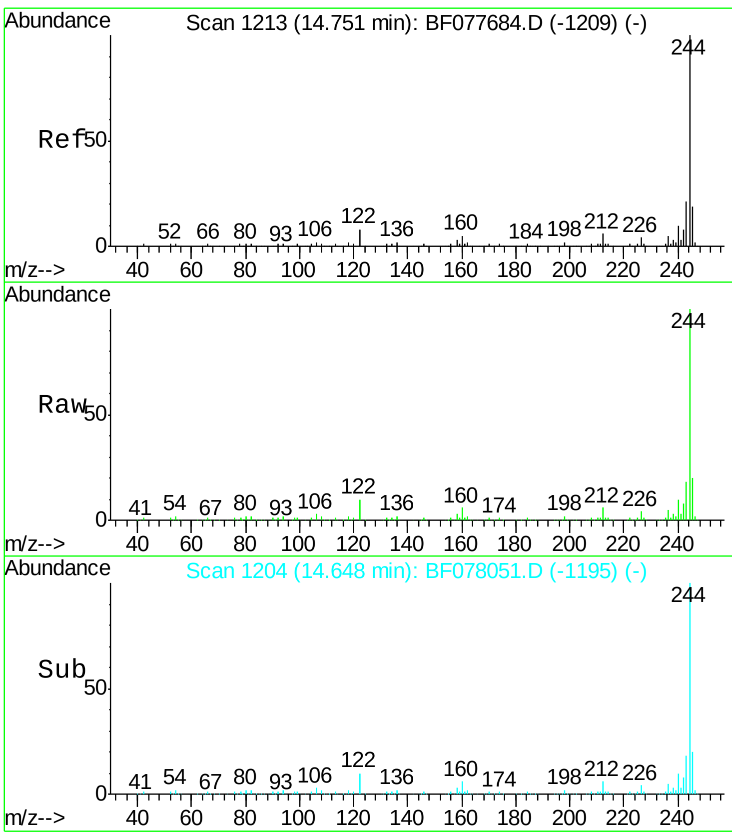
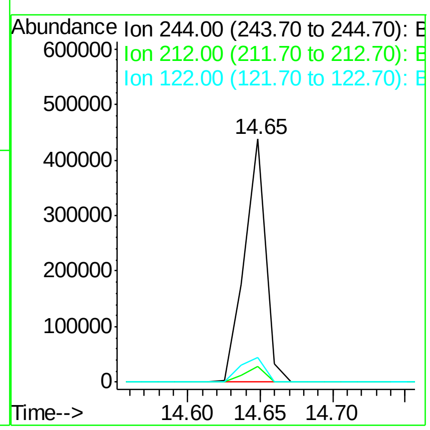
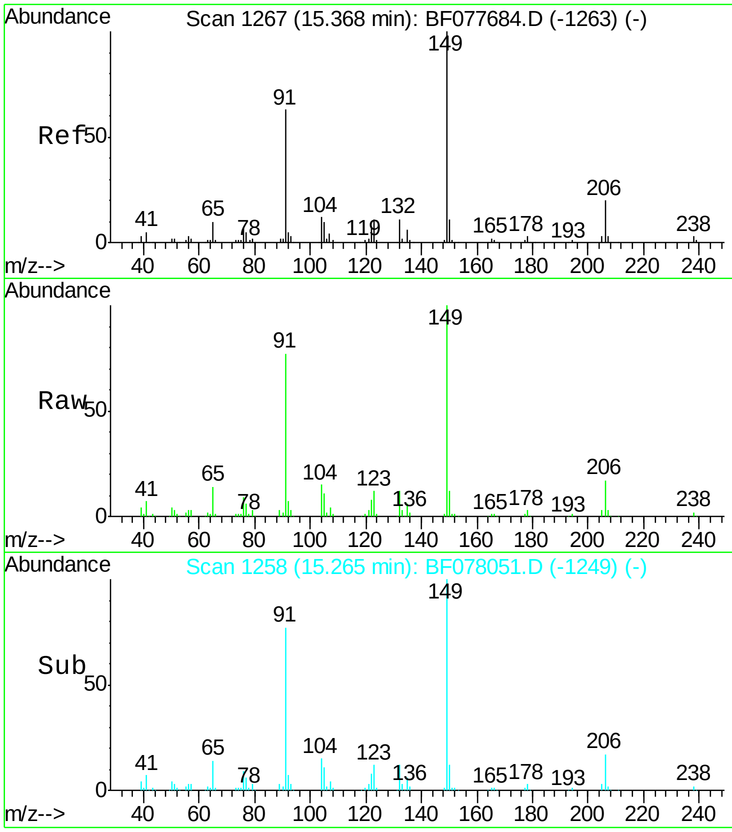


#78
Terphenyl-d14
Concen: 64.82 ng
RT: 14.65 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:244 Resp: 446367

Ion	Ratio	Lower	Upper
244	100		
212	6.4	4.9	7.3
122	10.3	6.2	9.4#





#79
Butylbenzylphthalate
Concen: 34.65 ng
RT: 15.27 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Instrument : BNA_F
ClientSampleId : PB82359BSD

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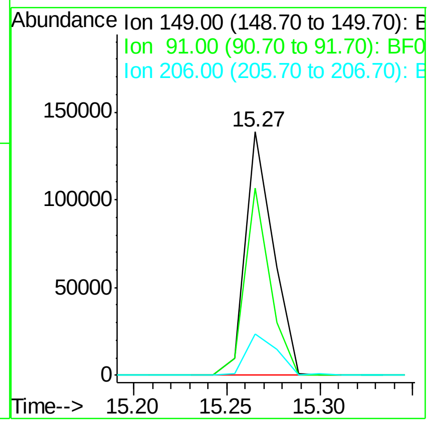
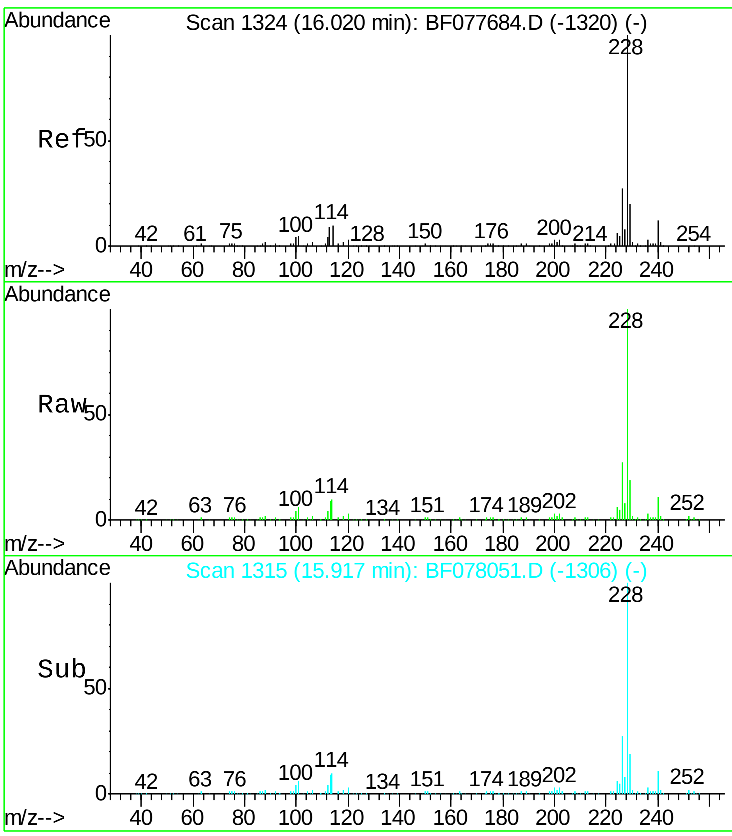
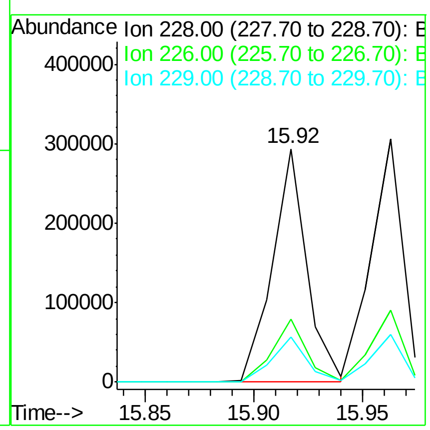
Tgt	Ion:149	Resp:	144496
Ion	Ratio	Lower	Upper
149	100		
91	77.0	50.1	75.1#
206	17.0	16.2	24.2

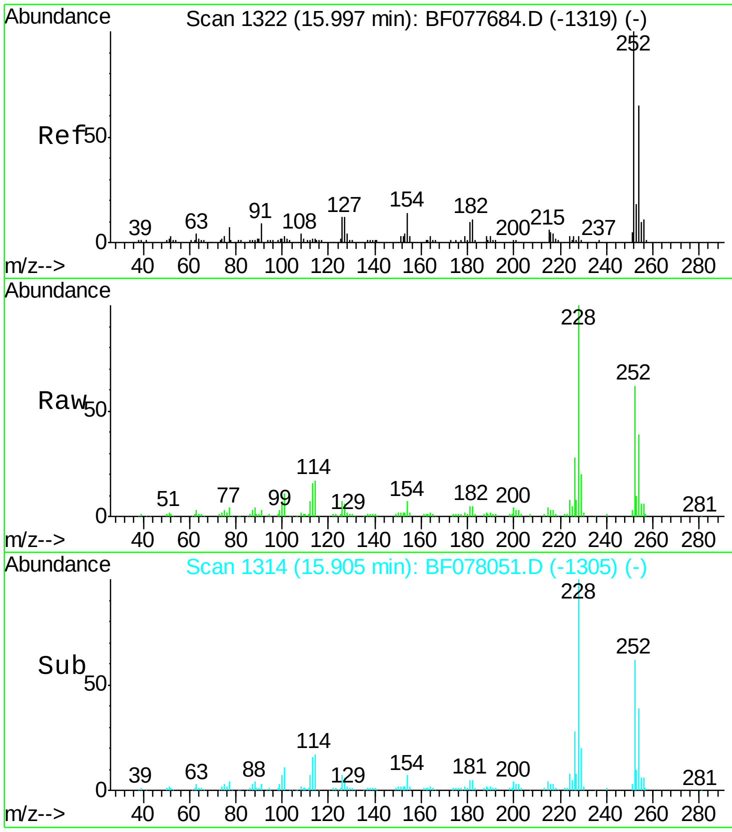




#80
Benzo(a)anthracene
Concen: 32.64 ng
RT: 15.92 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt	Ion:228	Resp:	325417
Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.7	32.5
229	19.1	16.0	24.0





#81
3,3'-Dichlorobenzidine
Concen: 21.85 ng
RT: 15.91 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Instrument :
BNA_F
ClientSampleId :
PB82359BSD

Tgt Ion:252 Resp: 71871

Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.9	77.9
126	10.5	9.8	14.8

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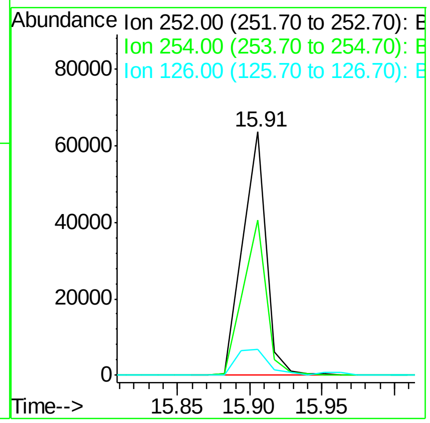
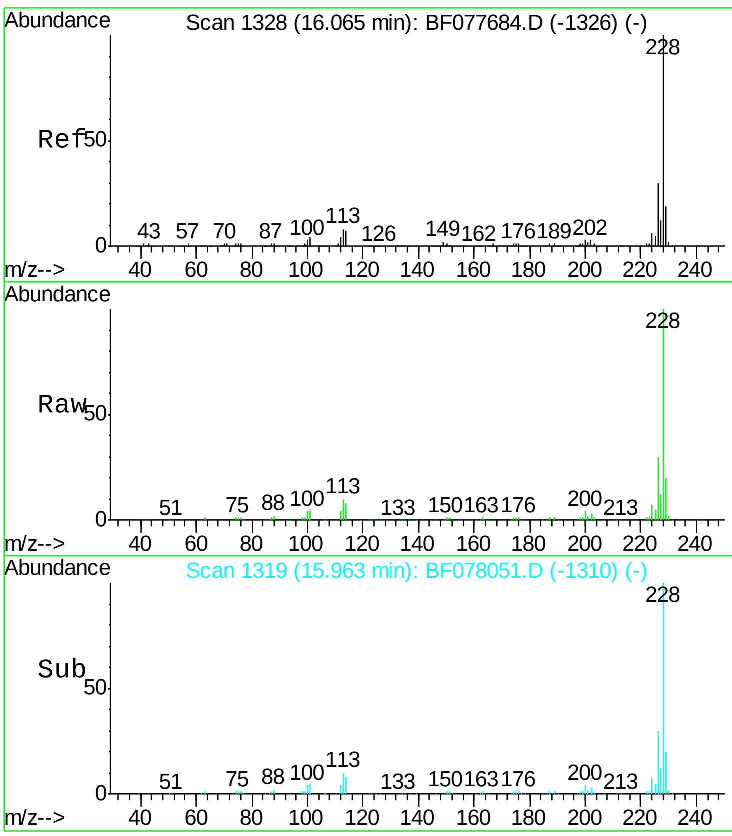
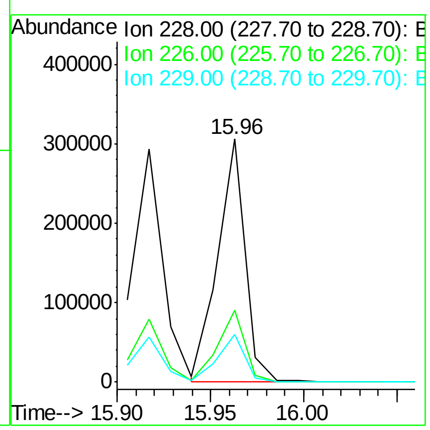


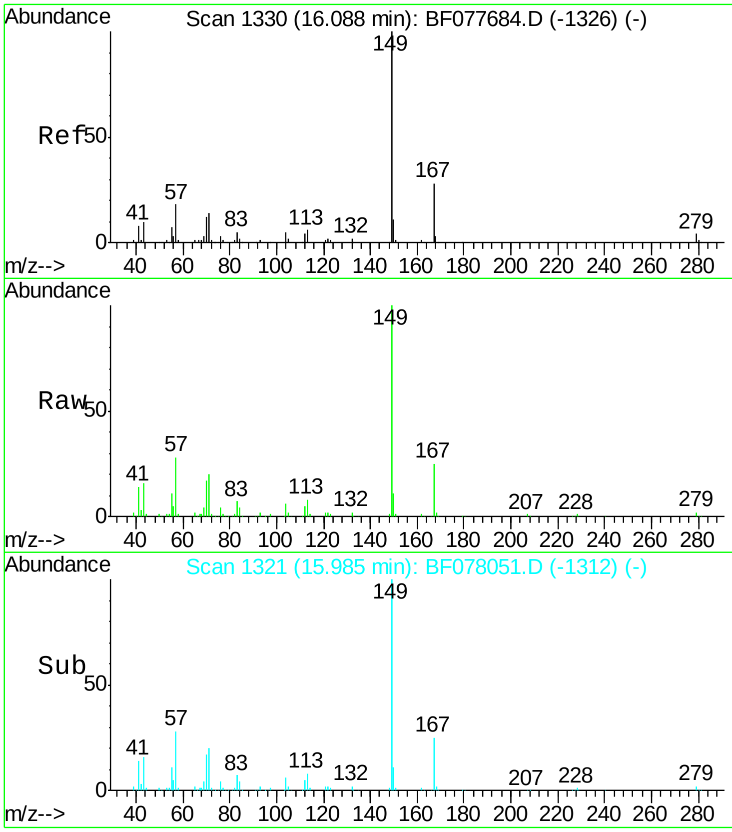


#82
Chrysene
Concen: 34.90 ng
RT: 15.96 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:228 Resp: 312885

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.1	36.1
229	19.8	15.5	23.3





#83
Bis(2-ethylhexyl)phthalate
Concen: 35.19 ng
RT: 15.99 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Instrument : BNA_F
ClientSampleId : PB82359BSD

Tgt Ion:149 Resp: 222303

Ion	Ratio	Lower	Upper
149	100		
167	25.0	22.4	33.6
279	2.5	3.4	5.0#

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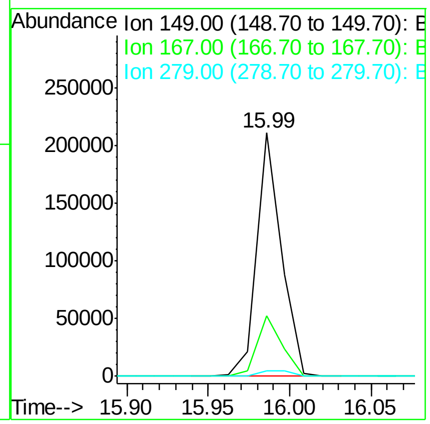
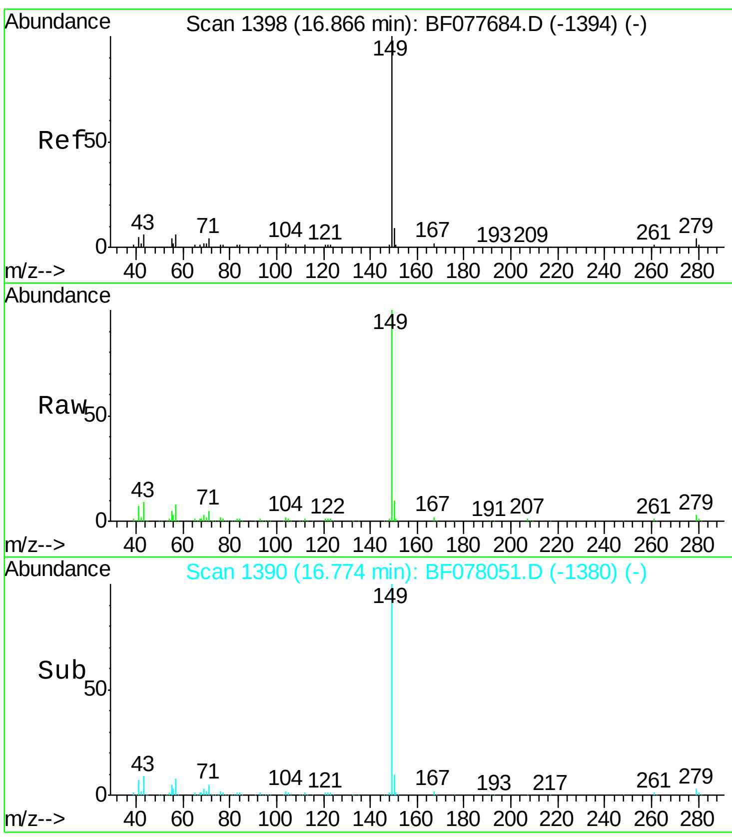
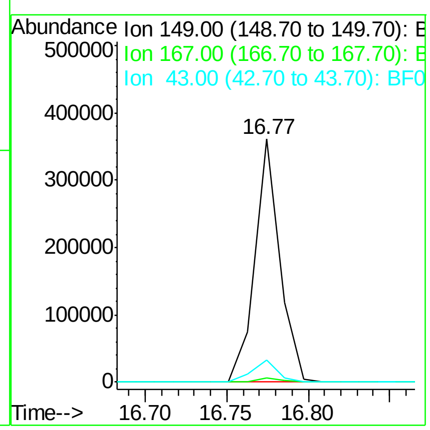


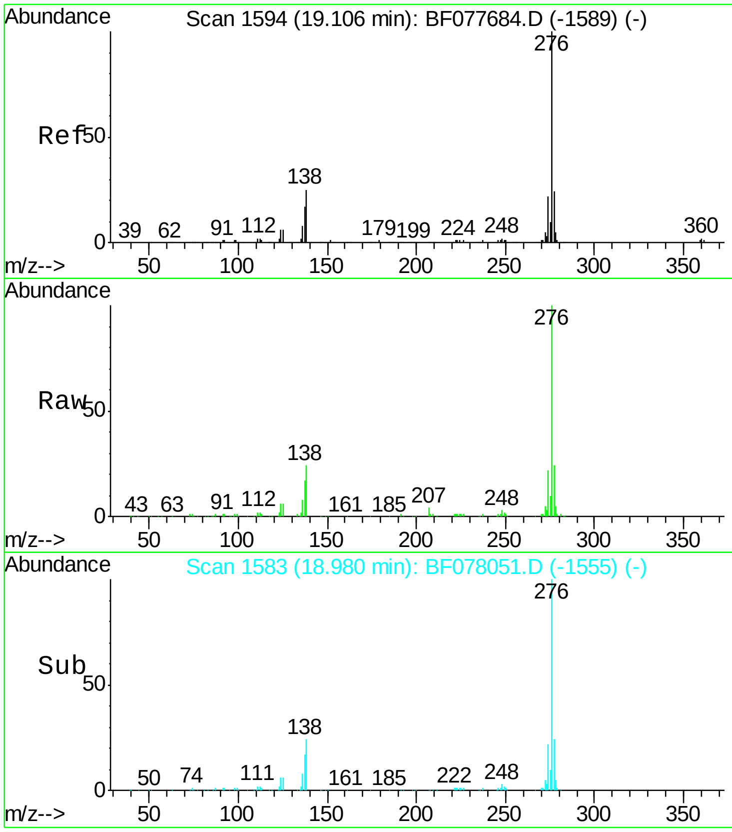


#84
Di-n-octyl phthalate
Concen: 35.75 ng
RT: 16.77 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:149 Resp: 386147

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.9	7.3	10.9





#85
Indeno(1,2,3-cd)pyrene
Concen: 32.06 ng
RT: 18.98 min Scan# 1583
Delta R.T. 0.02 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Instrument :
BNA_F
ClientSampleId :
PB82359BSD

Tgt Ion:276 Resp: 358814
Ion Ratio Lower Upper
276 100
138 28.3 0.0 0.0#
277 24.8 0.0 0.0#

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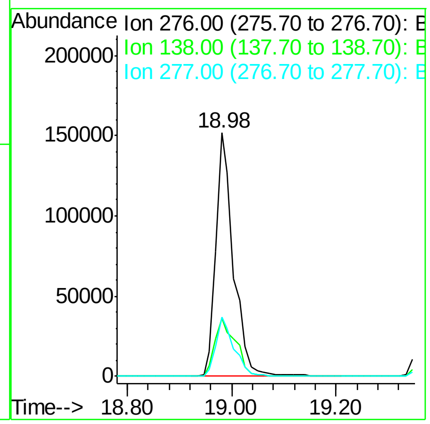
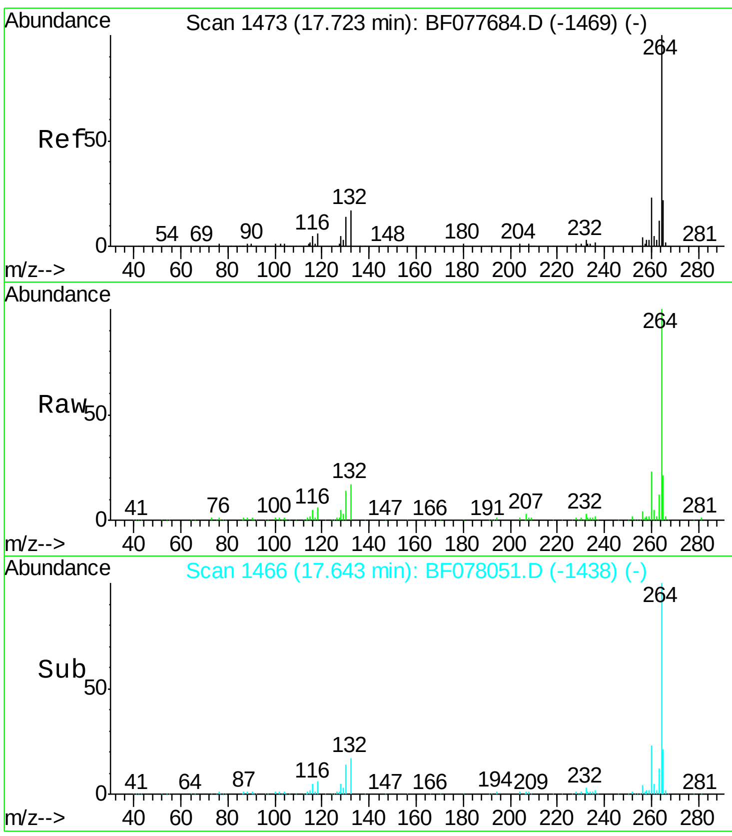
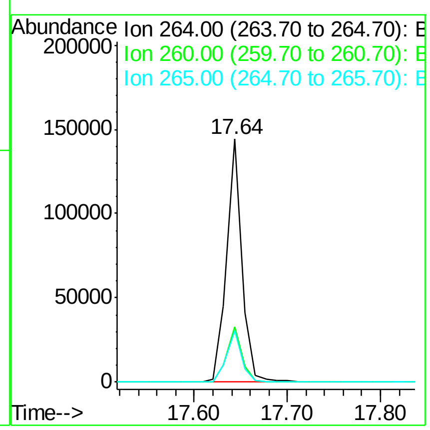
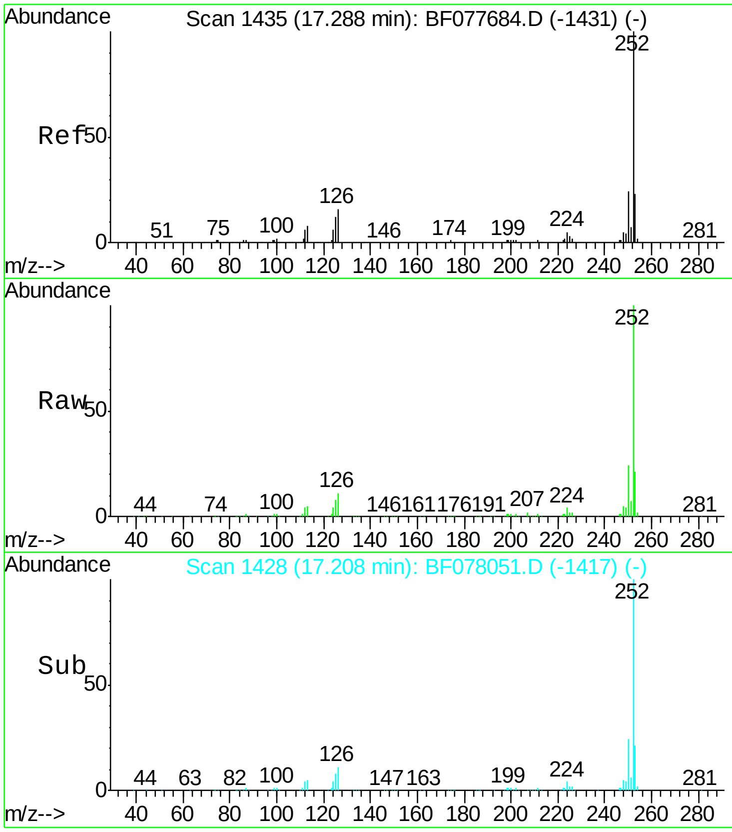




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.64 min Scan# 1466
Delta R.T. 0.02 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:264 Resp: 165119
Ion Ratio Lower Upper
264 100
260 22.8 18.6 27.8
265 21.0 17.3 25.9





#87
Benzo(b)fluoranthene
Concen: 30.47 ng
RT: 17.21 min   Scan# 1428
Delta R.T.   0.02 min
Lab File: BF078051.D
Acq: 27 Mar 2015   22:09

Tgt Ion:252 Resp: 328460

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.0	27.0
125	8.1	9.9	14.9#

Instrument :
BNA_F
ClientSampleId :
PB82359BSD

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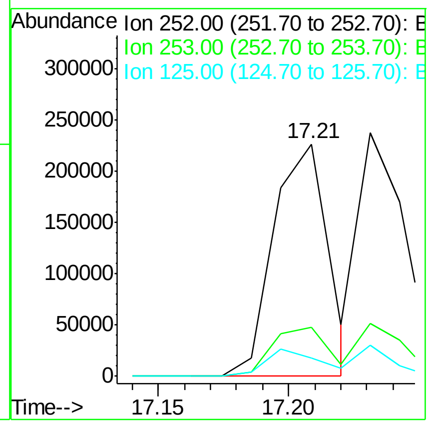
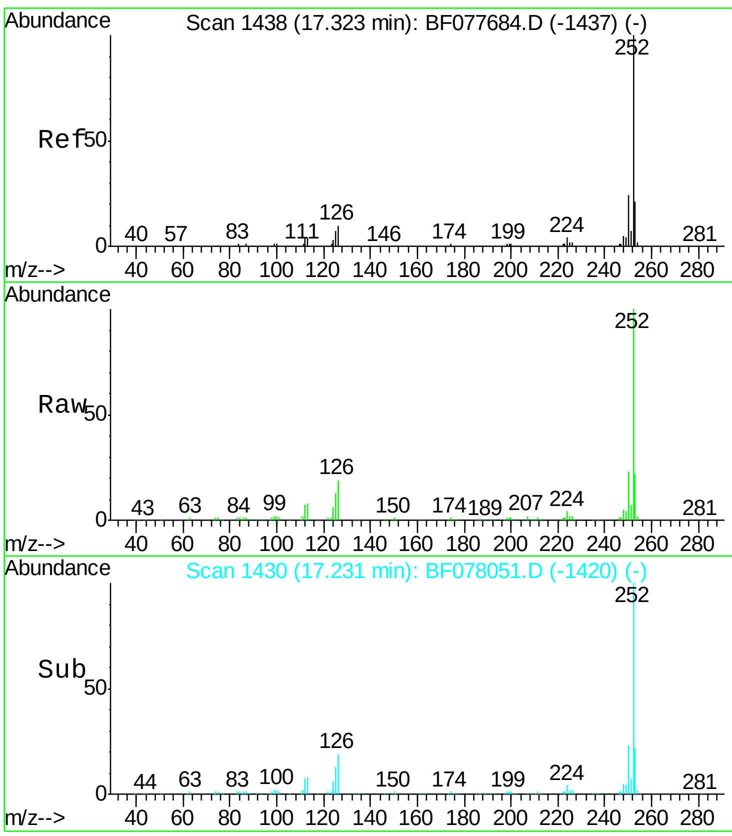
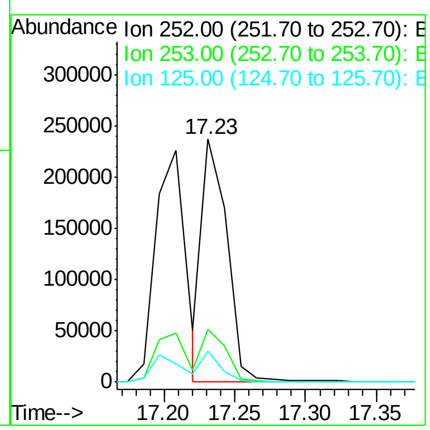


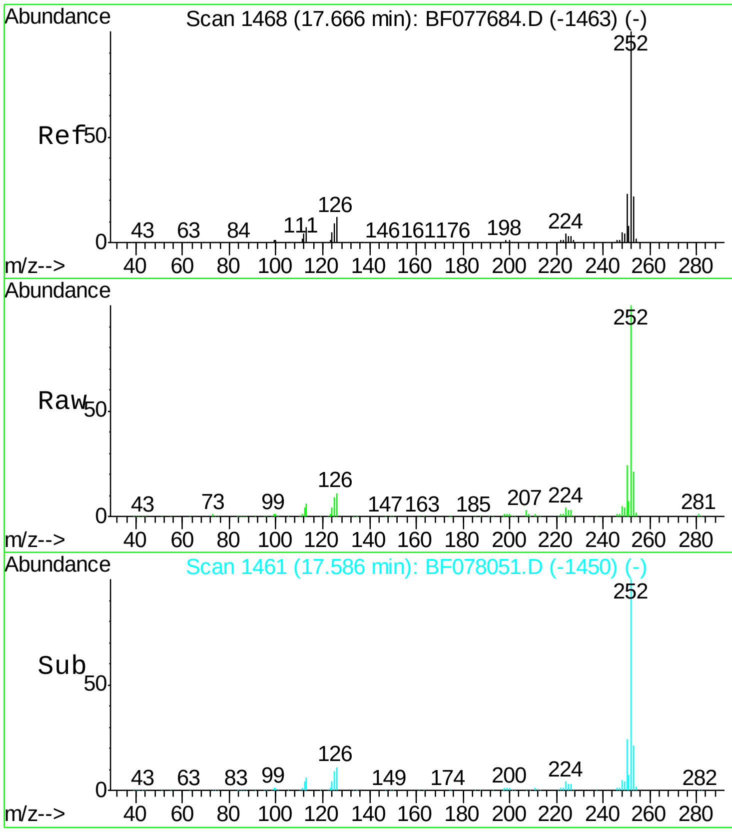


#88
Benzo(k)fluoranthene
Concen: 35.50 ng   m
RT: 17.23 min   Scan# 1430
Delta R.T.   0.01 min
Lab File: BF078051.D
Acq: 27 Mar 2015   22:09

Tgt Ion:252 Resp: 298890

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	12.9	8.1	12.1#





#89
Benzo(a)pyrene
Concen: 33.82 ng
RT: 17.59 min Scan# 1461
Delta R.T. 0.02 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Instrument : BNA_F
ClientSampleId : PB82359BSD

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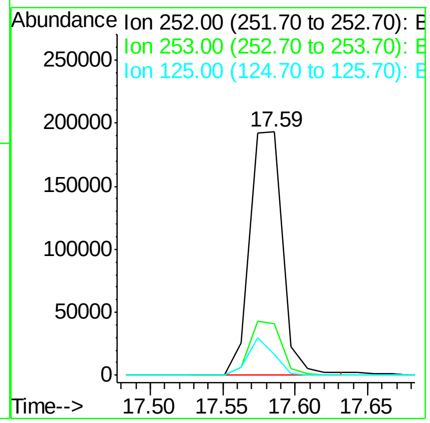
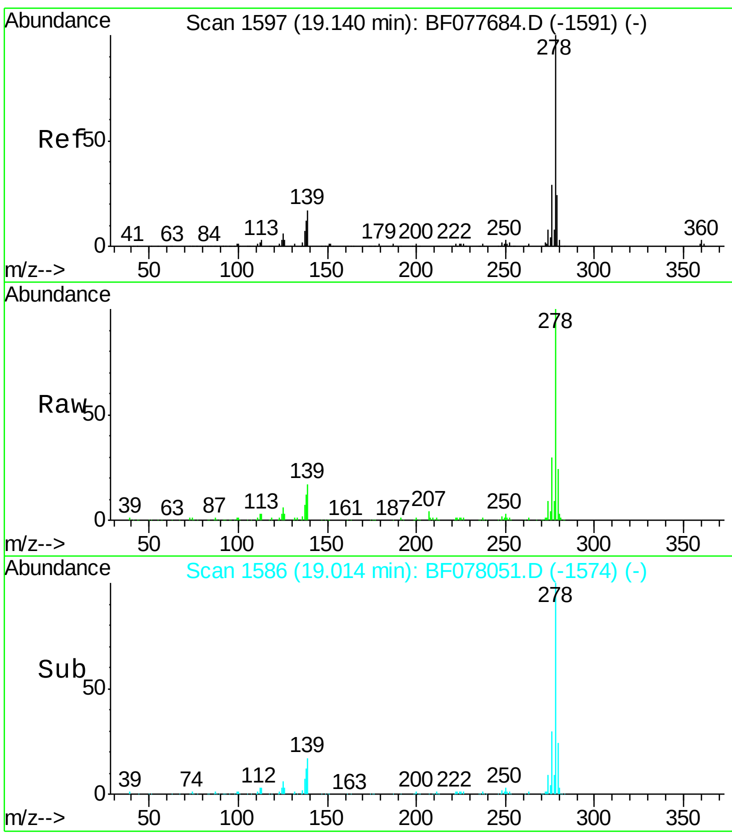
Tgt Ion:252 Resp: 304221

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.6	26.4
125	8.6	7.4	11.2

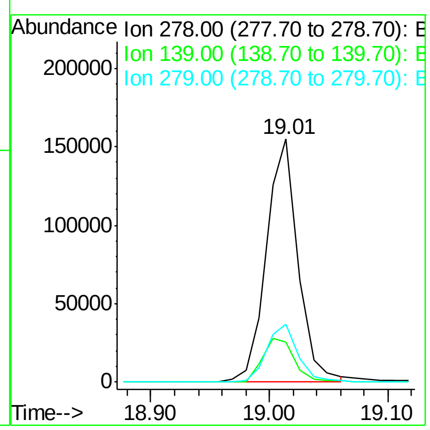


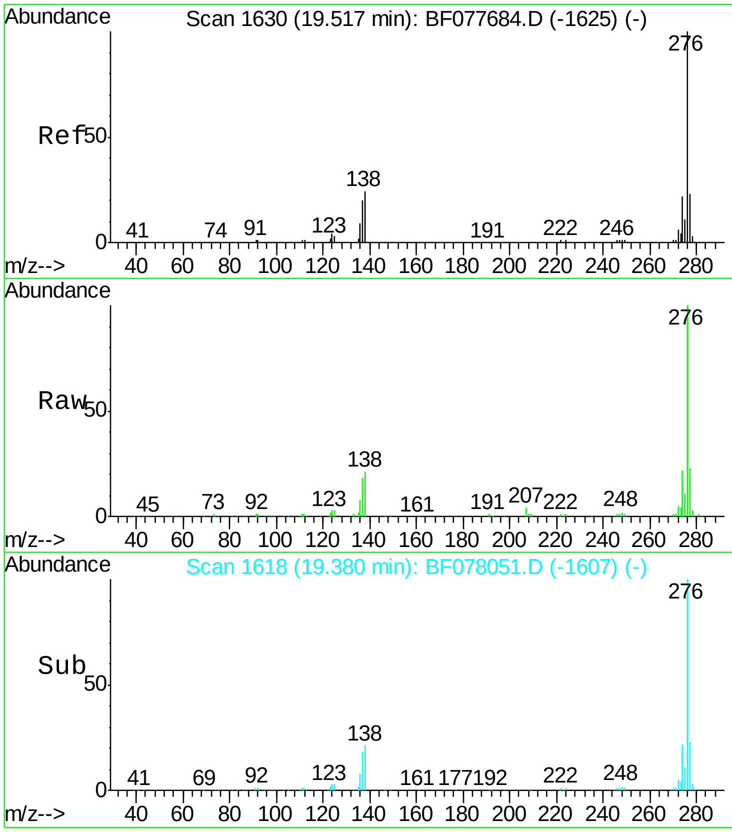


#90
Dibenzo(a,h)anthracene
Concen: 32.32 ng
RT: 19.01 min Scan# 1586
Delta R.T. 0.03 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Tgt Ion:278 Resp: 288293

Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.4	20.0
279	24.0	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 32.57 ng
RT: 19.38 min Scan# 1618
Delta R.T. 0.02 min
Lab File: BF078051.D
Acq: 27 Mar 2015 22:09

Instrument : BNA_F
ClientSampleId : PB82359BSD

Tgt Ion:276 Resp: 295822

Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.5	27.7
138	20.5	19.0	28.6

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