Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
Data File : BF078077.D
Acq On : 28 Mar 2015 12:40
Operator : TP/IZ
Sample : G1667-12MSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

Manual Integrations APPROVED
apatel
3/30/2015 6:31:22 PM

Quant Time: Mar 30 02:24:46 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 30 00:50:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	38194	20.00	ng		0.00
21) Naphthalene-d8	8.65	136	159499	20.00	ng		0.00
38) Acenaphthene-d10	10.82	164	77937	20.00	ng		0.00
63) Phenanthrene-d10	12.65	188	152405	20.00	ng		0.00
75) Chrysene-d12	15.93	240	165644	20.00	ng		0.00
86) Perylene-d12	17.65	264	164155	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	202061	92.34	ng		0.00
7) Phenol-d6	6.66	99	250603	92.70	ng		-0.01
23) Nitrobenzene-d5	7.77	82	145376	59.75	ng		-0.01
41) 2,4,6-Tribromophenol	11.80	330	62954	84.42	ng		0.00
44) 2-Fluorobiphenyl	10.00	172	316588	59.70	ng		0.00
78) Terphenyl-d14	14.65	244	380342	56.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.95	88	24684	24.85	ng	#	100
3) Pyridine	2.61	79	61560	23.06	ng		98
4) n-Nitrosodimethylamine	2.54	42	30661m	26.38	ng		
6) Aniline	6.66	93	55597	14.38	ng	#	73
8) 2-Chlorophenol	6.81	128	82014	31.49	ng		99
9) Benzaldehyde	6.52	77	3011	2.72	ng		95
10) Phenol	6.68	94	99031	30.99	ng	#	70
11) bis(2-Chloroethyl)ether	6.77	93	75961	31.73	ng		99
12) 1,3-Dichlorobenzene	6.99	146	85507	29.52	ng	#	94
13) 1,4-Dichlorobenzene	7.09	146	87998	29.23	ng		95
14) 1,2-Dichlorobenzene	7.28	146	83878	30.40	ng		95
15) Benzyl Alcohol	7.26	79	61666	29.22	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.45	45	99682	30.90	ng		97
17) 2-Methylphenol	7.42	107	65561	30.92	ng		97
18) Hexachloroethane	7.69	117	28601	28.97	ng		90
19) n-Nitroso-di-n-propylamine	7.60	70	54570	29.18	ng		99
20) 3+4-Methylphenols	7.62	107	84026	30.20	ng		93
22) Acetophenone	7.58	105	110730	31.36	ng	#	97
24) Nitrobenzene	7.79	77	76938	29.35	ng		95
25) Isophorone	8.09	82	143471	29.20	ng	#	89
26) 2-Nitrophenol	8.19	139	38043	29.64	ng		97
27) 2,4-Dimethylphenol	8.27	122	67414	28.83	ng		98
28) bis(2-Chloroethoxy)methane	8.38	93	91290	30.61	ng		99
29) 2,4-Dichlorophenol	8.50	162	65318	29.31	ng		95
30) 1,2,4-Trichlorobenzene	8.58	180	69455	27.85	ng		93
31) Naphthalene	8.67	128	231904	28.31	ng		99
32) Benzoic acid	8.36	122	21777	18.71	ng		99
33) 4-Chloroaniline	8.76	127	51045	15.35	ng		97
34) Hexachlorobutadiene	8.83	225	38892	27.52	ng		96
35) Caprolactam	9.17	113	19044	29.24	ng		97
36) 4-Chloro-3-methylphenol	9.38	107	69637	31.06	ng		86
37) 2-Methylnaphthalene	9.54	142	166304	30.22	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.74	216	67331	28.96	ng	#	100
40) Hexachlorocyclopentadiene	9.72	237	52815	46.76	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
Data File : BF078077.D
Acq On : 28 Mar 2015 12:40
Operator : TP/IZ
Sample : G1667-12MSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

Manual Integrations APPROVED
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3/30/2015 6:31:22 PM

Quant Time: Mar 30 02:24:46 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 30 00:50:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.89	196	48214	29.94	ng		98
43) 2,4,5-Trichlorophenol	9.95	196	48171	27.69	ng		96
45) 1,1'-Biphenyl	10.12	154	187573	30.11	ng		98
46) 2-Chloronaphthalene	10.13	162	152386	30.10	ng		94
47) 2-Nitroaniline	10.27	65	37835	30.09	ng		90
48) Acenaphthylene	10.64	152	239901	28.49	ng		99
49) Dimethylphthalate	10.51	163	186520	32.27	ng		99
50) 2,6-Dinitrotoluene	10.58	165	36756	30.68	ng		99
51) Acenaphthene	10.85	154	139907	28.98	ng		98
52) 3-Nitroaniline	10.78	138	31822	22.87	ng		91
53) 2,4-Dinitrophenol	10.92	184	17346	43.49	ng	#	71
54) Dibenzofuran	11.07	168	218510	30.52	ng		95
55) 4-Nitrophenol	11.02	139	56648	54.95	ng		94
56) 2,4-Dinitrotoluene	11.07	165	49555	31.72	ng	#	86
57) Fluorene	11.49	166	180926	30.43	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.23	232	37685	28.13	ng	#	100
59) Diethylphthalate	11.38	149	165695	29.42	ng		95
60) 4-Chlorophenyl-phenylether	11.50	204	77269	28.48	ng	#	86
61) 4-Nitroaniline	11.54	138	40182	28.97	ng		92
62) Azobenzene	11.70	77	159172	29.57	ng		93
64) 4,6-Dinitro-2-methylphenol	11.57	198	16997	25.80	ng		95
65) n-Nitrosodiphenylamine	11.65	169	143290	28.24	ng		100
66) 4-Bromophenyl-phenylether	12.11	248	46875	28.82	ng	#	89
67) Hexachlorobenzene	12.17	284	50263	28.12	ng		96
68) Atrazine	12.34	200	47603	33.47	ng		100
69) Pentachlorophenol	12.42	266	40195	44.37	ng		95
70) Phenanthrene	12.68	178	387872	44.33	ng		99
71) Anthracene	12.74	178	270790	31.33	ng		100
72) Carbazole	12.96	167	257178	31.28	ng		99
73) Di-n-butylphthalate	13.41	149	276434	29.98	ng		99
74) Fluoranthene	14.16	202	494714	51.26	ng		100
76) Benzidine	14.34	184	104891	25.42	ng		99
77) Pyrene	14.43	202	480511	46.13	ng		99
79) Butylbenzylphthalate	15.27	149	122777	29.90	ng		89
80) Benzo(a)anthracene	15.92	228	380347	38.74	ng		99
81) 3,3'-Dichlorobenzidine	15.91	252	76766	23.70	ng	#	98
82) Chrysene	15.96	228	355777	40.30	ng		99
83) Bis(2-ethylhexyl)phthalate	15.99	149	181531	29.18	ng	#	95
84) Di-n-octyl phthalate	16.77	149	318058	29.90	ng		99
85) Indeno(1,2,3-cd)pyrene	18.99	276	370516	33.62	ng	#	100
87) Benzo(b)fluoranthene	17.21	252	453410m	42.31	ng		
88) Benzo(k)fluoranthene	17.24	252	255125m	30.48	ng		
89) Benzo(a)pyrene	17.59	252	346743	38.78	ng	#	96
90) Dibenzo(a,h)anthracene	19.03	278	264820	29.86	ng		99
91) Benzo(g,h,i)perylene	19.39	276	322656	35.74	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
Data File : BF078077.D
Acq On : 28 Mar 2015 12:40
Operator : TP/IZ
Sample : G1667-12MSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Mar 30 02:24:46 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 30 00:50:20 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

Manual Integrations APPROVED
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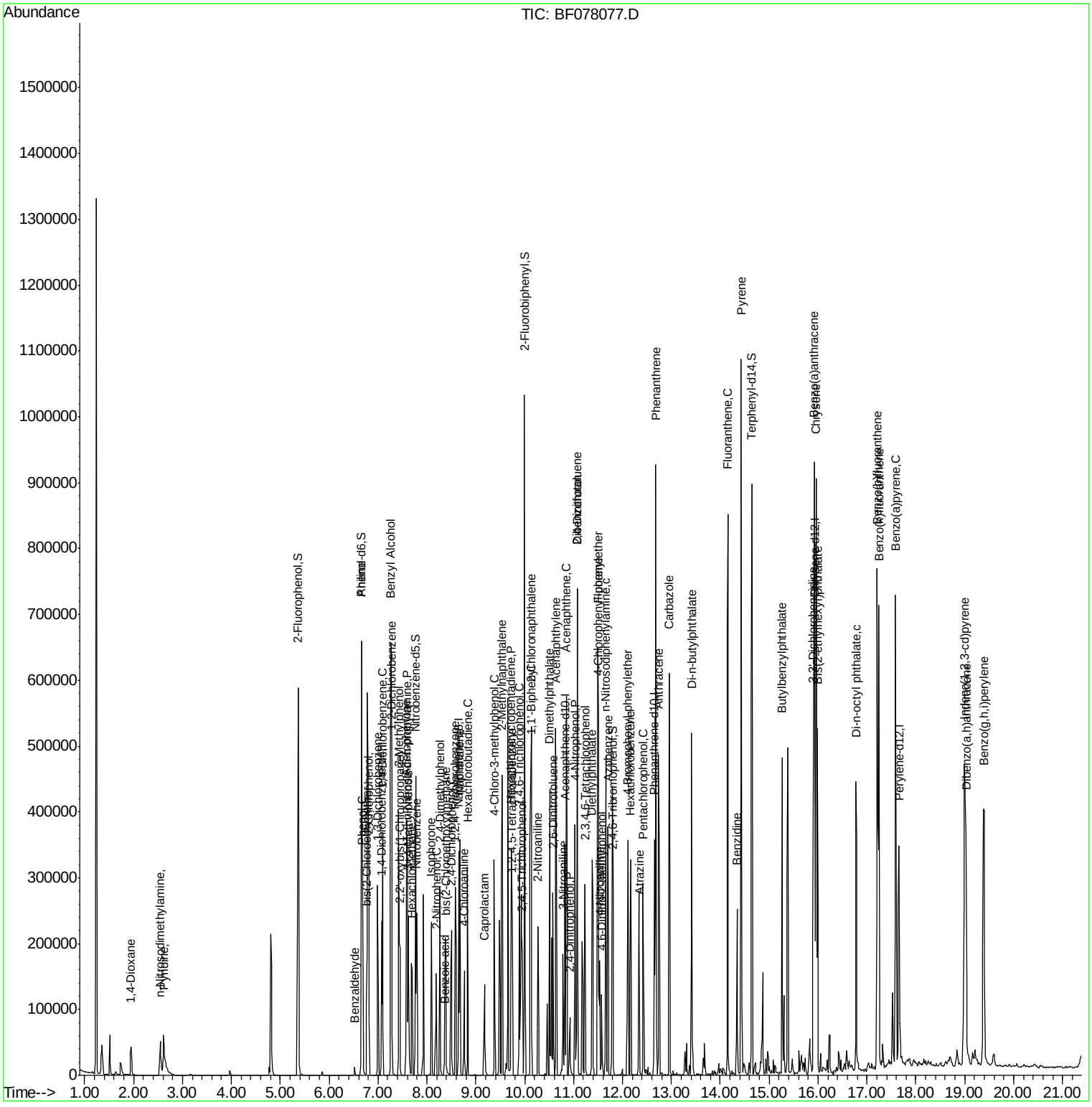
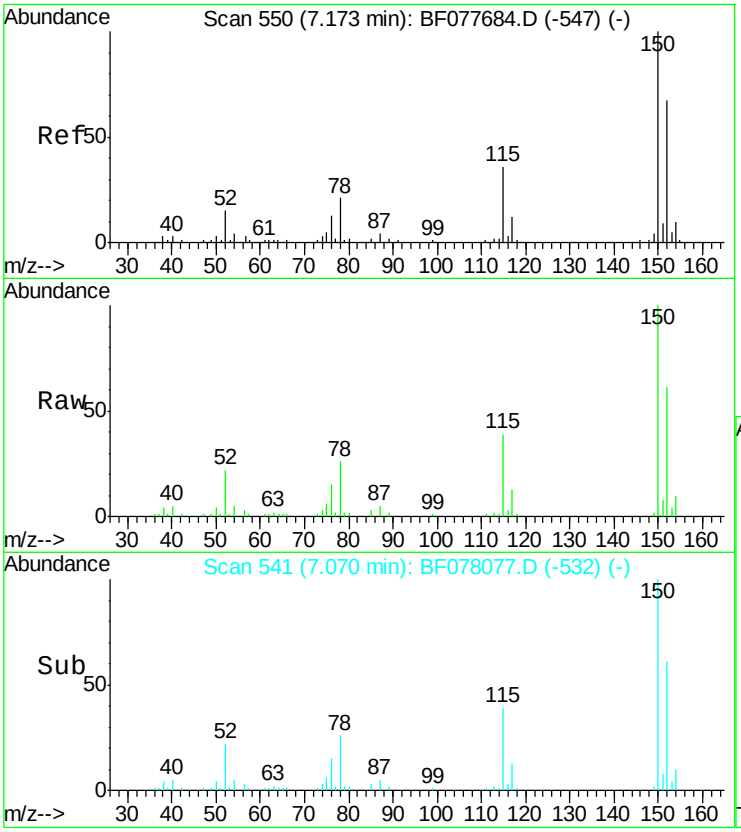
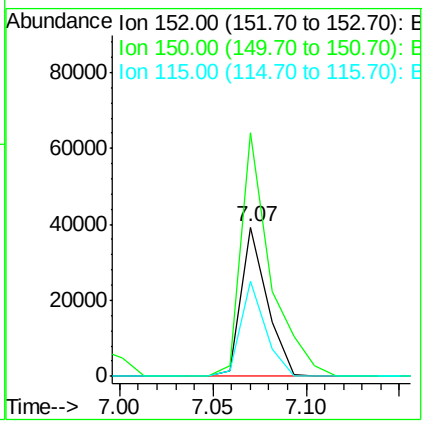




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.07 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:152 Resp: 38194

Ion	Ratio	Lower	Upper
152	100		
150	162.9	119.5	179.3
115	63.8	43.0	64.4



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

Manual Integrations APPROVED
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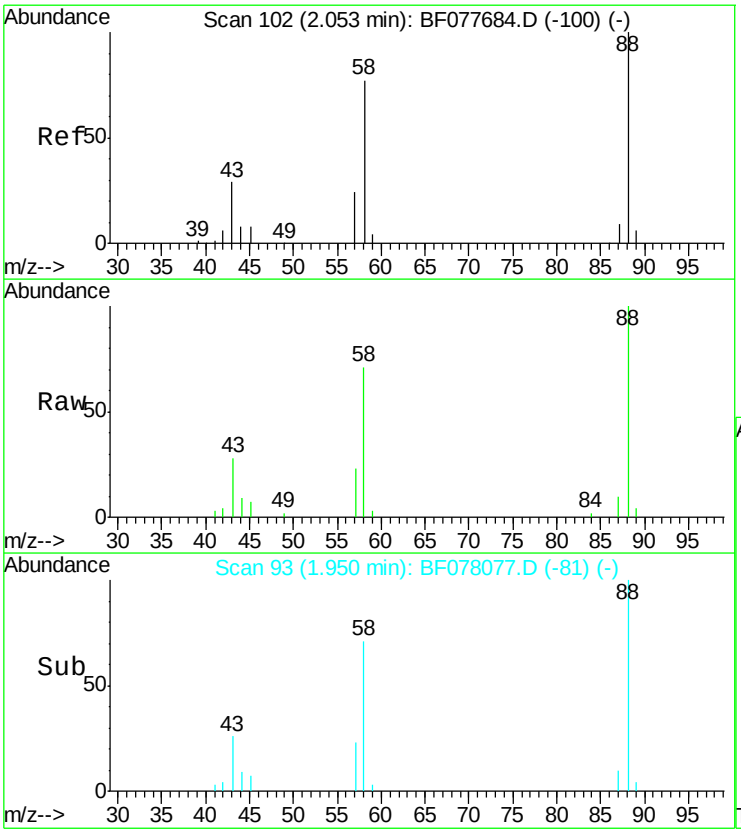
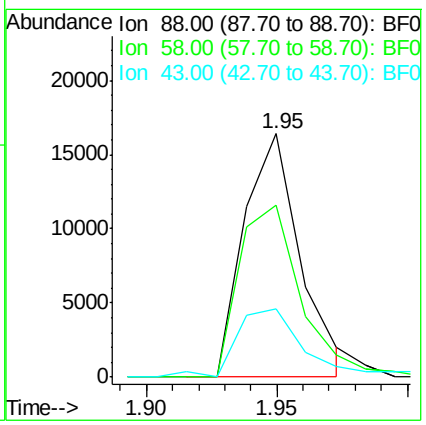
3/30/2015 6:31:22 PM

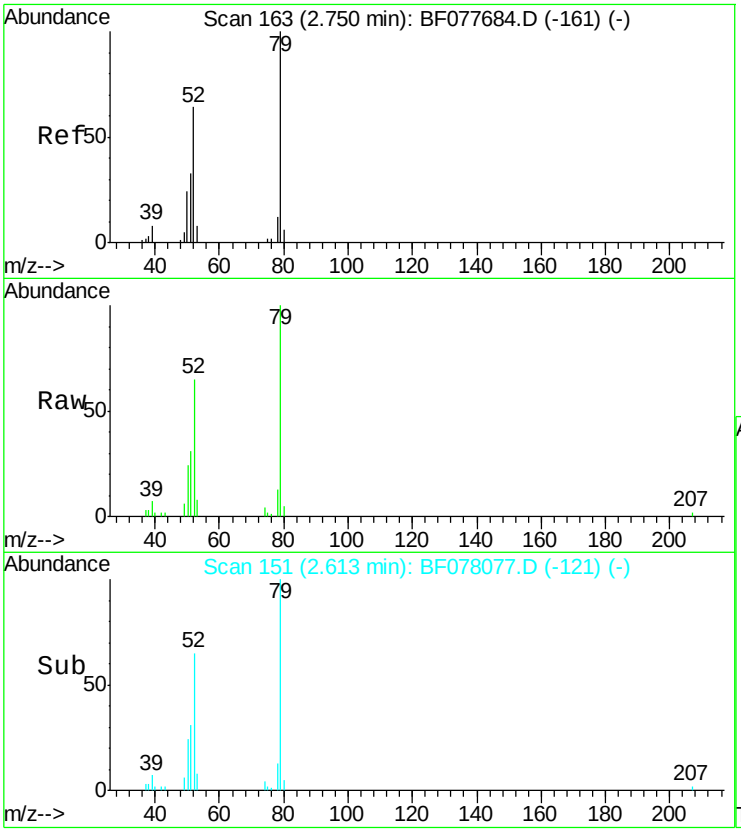


#2
1,4-Dioxane
Concen: 24.85 ng
RT: 1.95 min Scan# 93
Delta R.T. 0.03 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion: 88 Resp: 24684

Ion	Ratio	Lower	Upper
88	100		
58	75.8	0.0	0.0#
43	32.0	0.0	0.0#

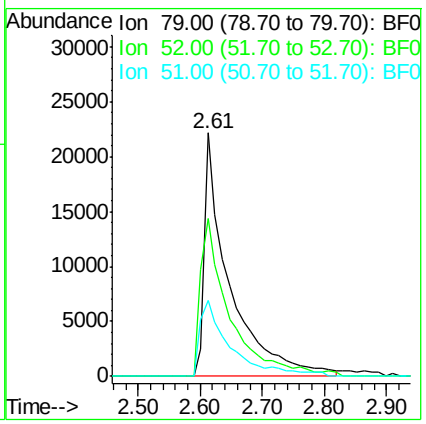




#3
Pyridine
Concen: 23.06 ng
RT: 2.61 min Scan# 151
Delta R.T. 0.05 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion: 79 Resp: 61560

Ion	Ratio	Lower	Upper
79	100		
52	64.7	51.1	76.7
51	31.1	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

Manual Integrations APPROVED
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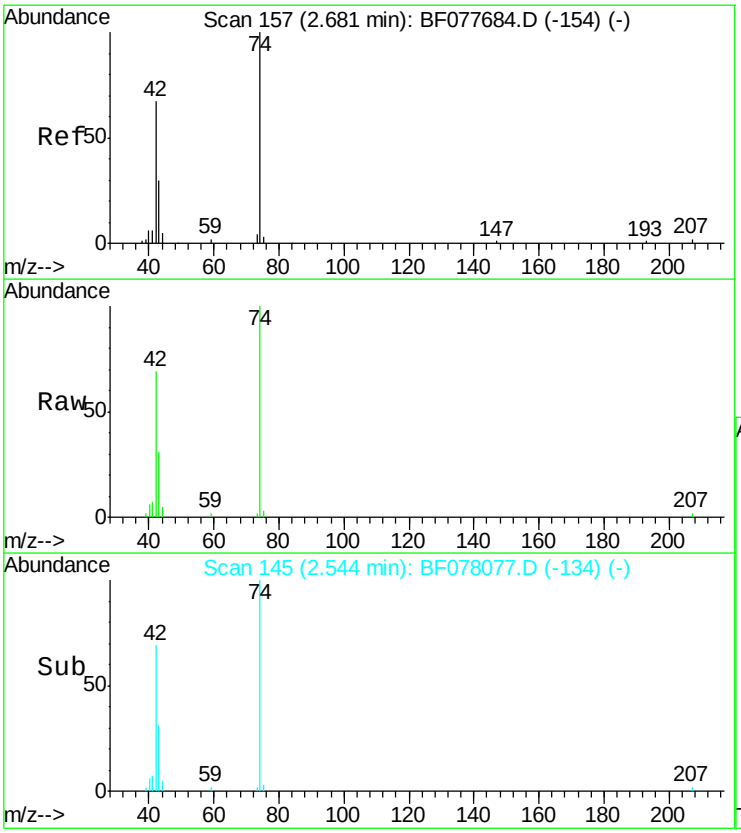
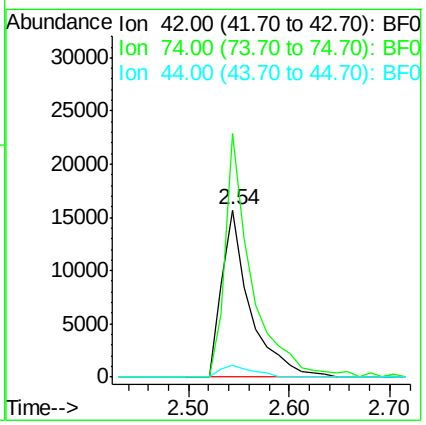
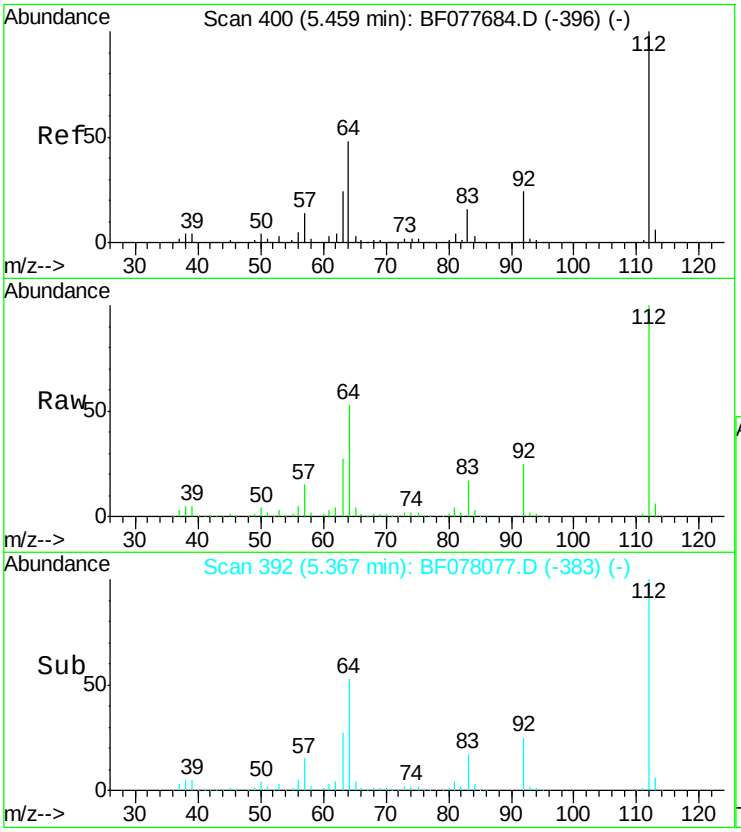


#4
n-Nitrosodimethylamine
Concen: 26.38 ng m
RT: 2.54 min Scan# 145
Delta R.T. 0.02 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion: 42 Resp: 30661

Ion	Ratio	Lower	Upper
42	100		
74	145.7	119.3	178.9
44	7.0	5.4	8.2





#5
2-Fluorophenol
Concen: 92.34 ng
RT: 5.37 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:112 Resp: 202061

Ion	Ratio	Lower	Upper
112	100		
64	53.0	38.6	57.8
63	26.7	19.3	28.9

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

Manual Integrations APPROVED
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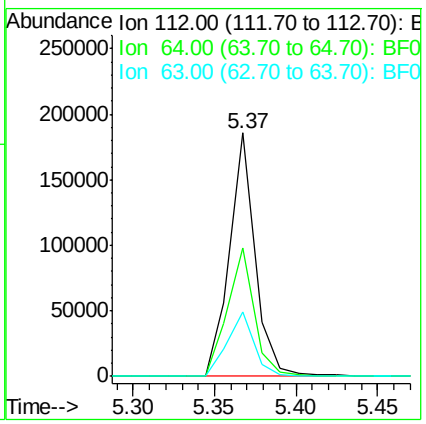
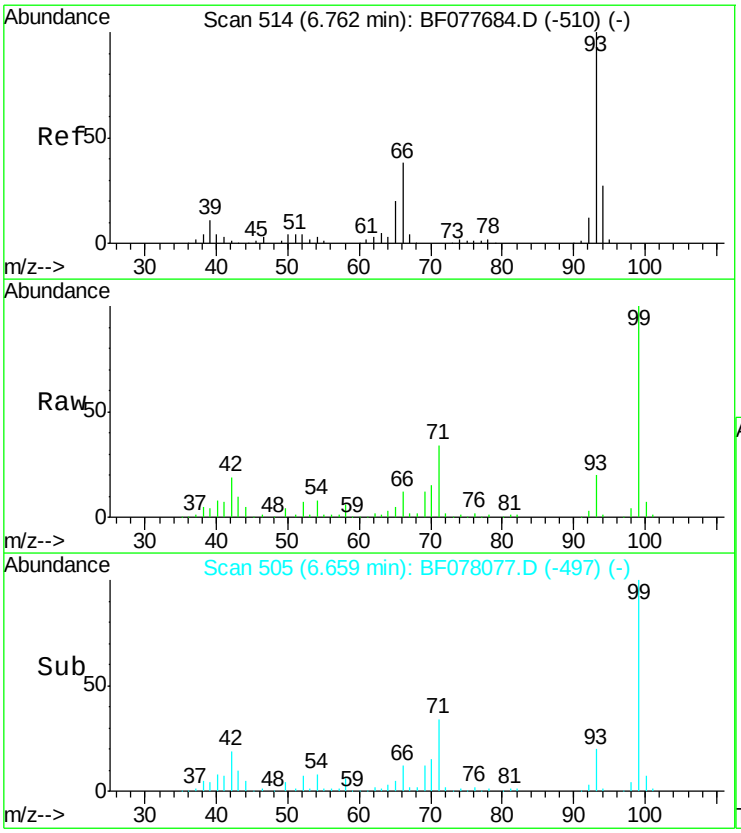
3/30/2015 6:31:22 PM

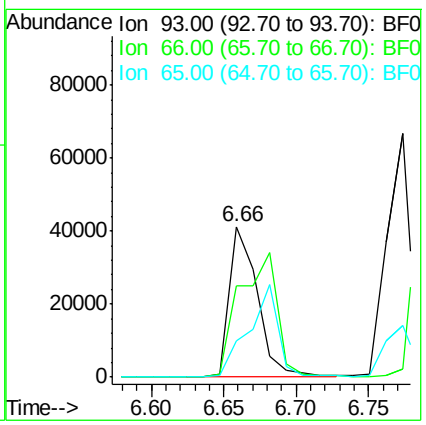


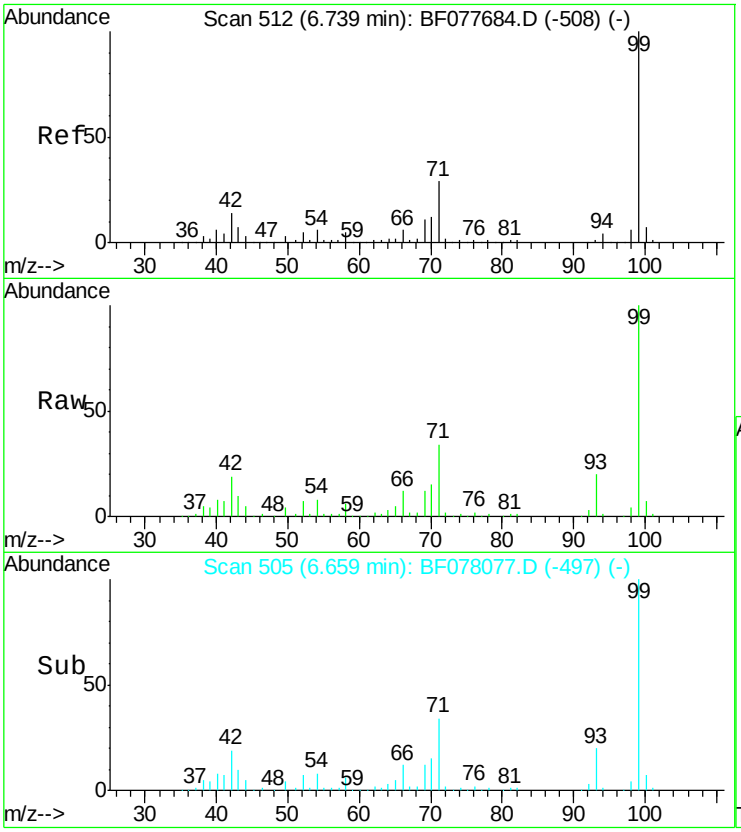


#6
Aniline
Concen: 14.38 ng
RT: 6.66 min Scan# 505
Delta R.T. -0.01 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion: 93 Resp: 55597

Ion	Ratio	Lower	Upper
93	100		
66	60.8	30.8	46.2#
65	24.5	16.0	24.0#

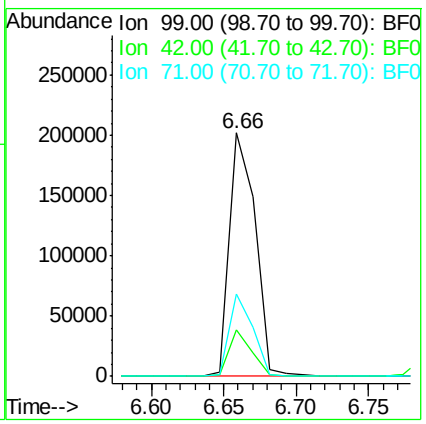




#7
Phenol-d6
Concen: 92.70 ng
RT: 6.66 min Scan# 505
Delta R.T. -0.01 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion: 99 Resp: 250603

Ion	Ratio	Lower	Upper
99	100		
42	19.1	11.0	16.4#
71	33.7	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

Manual Integrations APPROVED
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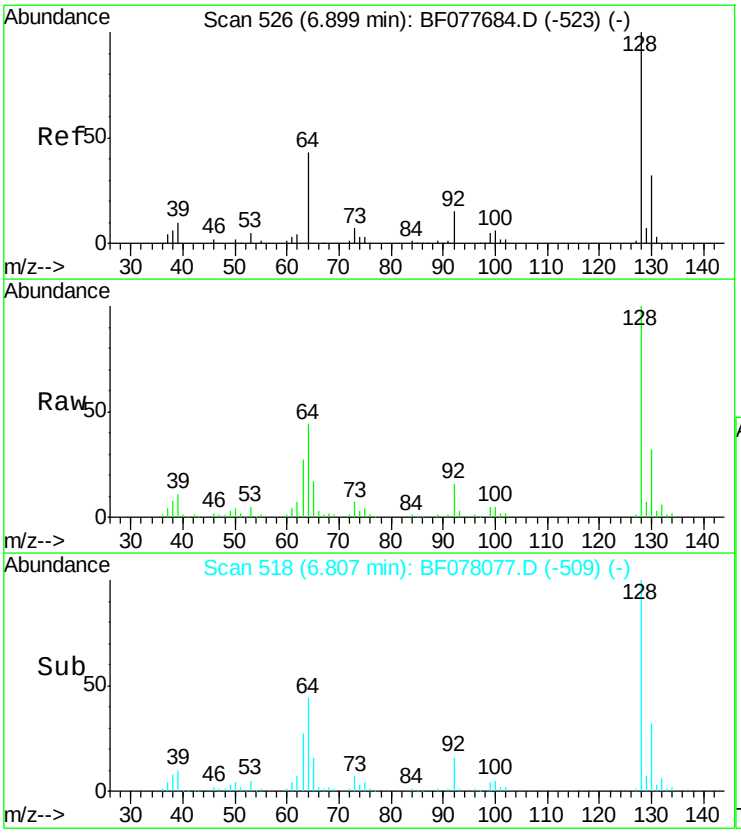
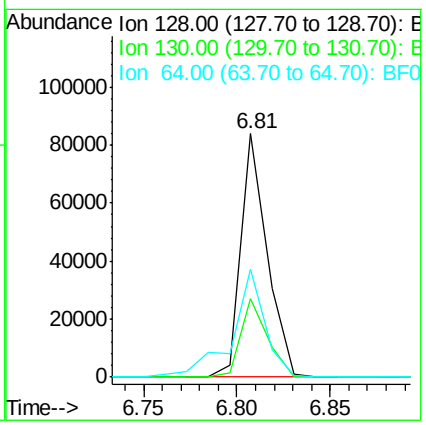
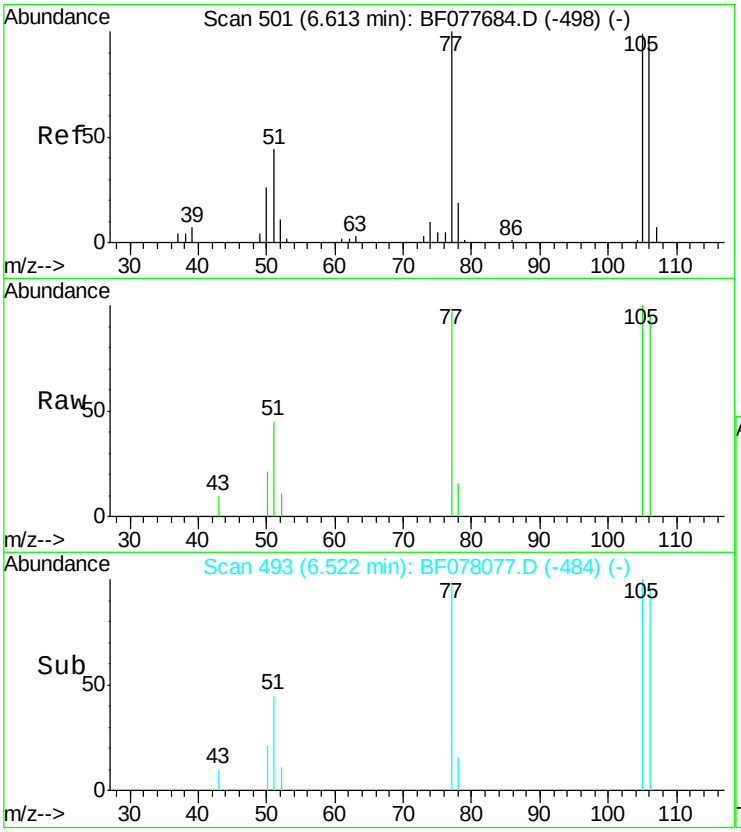


#8
2-Chlorophenol
Concen: 31.49 ng
RT: 6.81 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:128 Resp: 82014

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.0	52.0
64	44.3	24.9	64.9

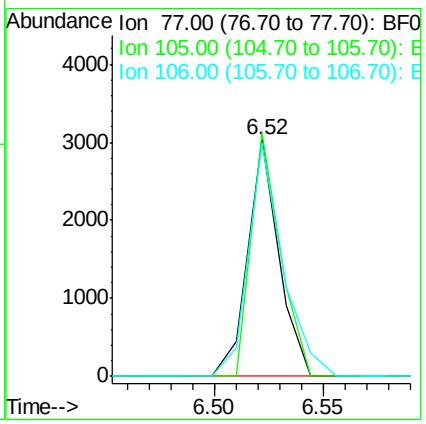




#9
Benzaldehyde
Concen: 2.72 ng
RT: 6.52 min Scan# 493
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion: 77 Resp: 3011

Ion	Ratio	Lower	Upper
77	100		
105	102.9	78.8	118.8
106	98.6	73.7	113.7



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

Manual Integrations APPROVED
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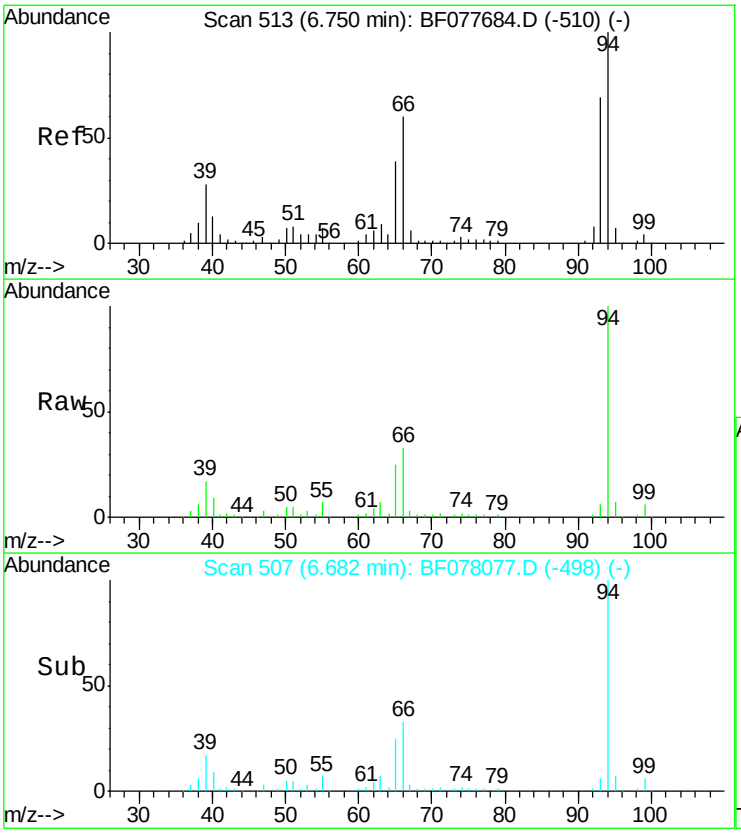
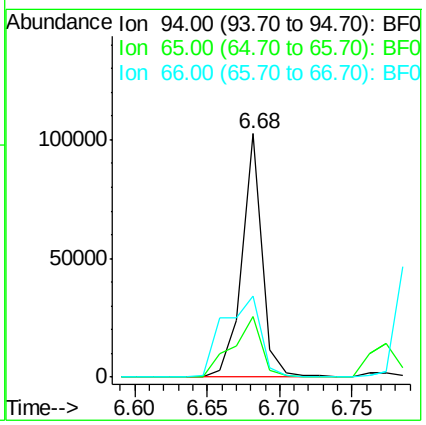
3/30/2015 6:31:22 PM

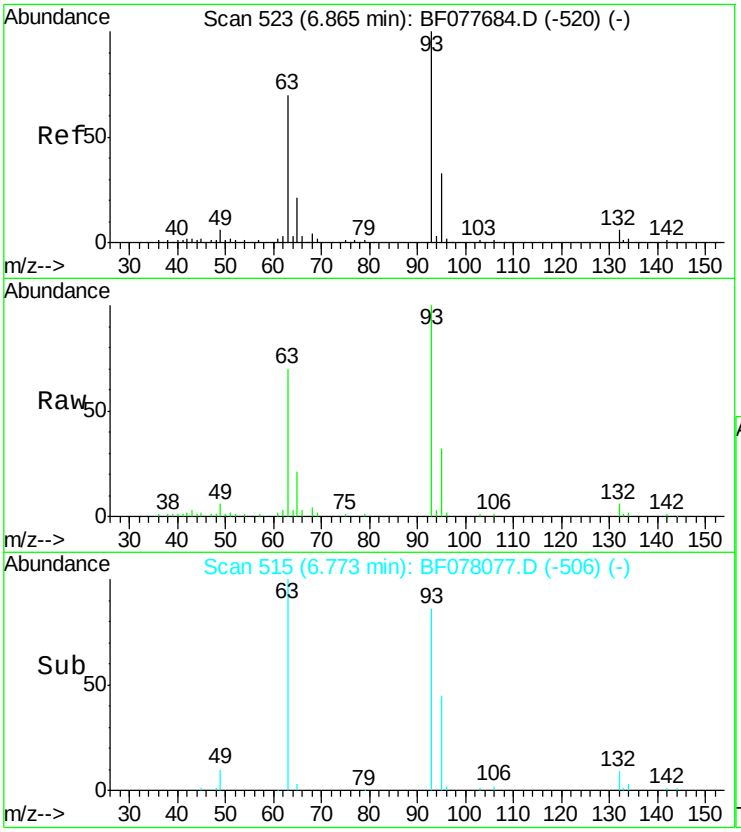


#10
Phenol
Concen: 30.99 ng
RT: 6.68 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion: 94 Resp: 99031

Ion	Ratio	Lower	Upper
94	100		
65	24.8	18.8	58.8
66	33.4	39.9	79.9#

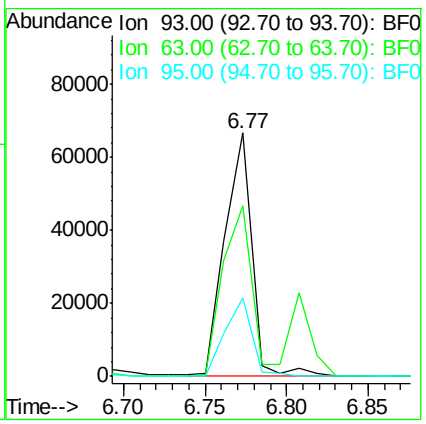




#11
bis(2-Chloroethyl)ether
Concen: 31.73 ng
RT: 6.77 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion: 93 Resp: 75961

Ion	Ratio	Lower	Upper
93	100		
63	70.0	49.5	89.5
95	32.2	13.5	53.5



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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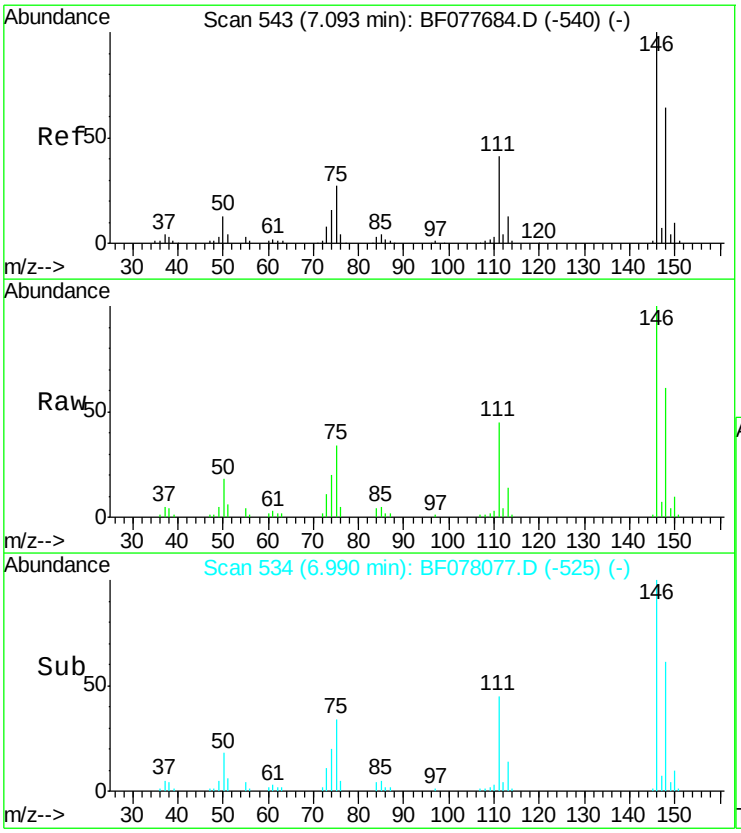
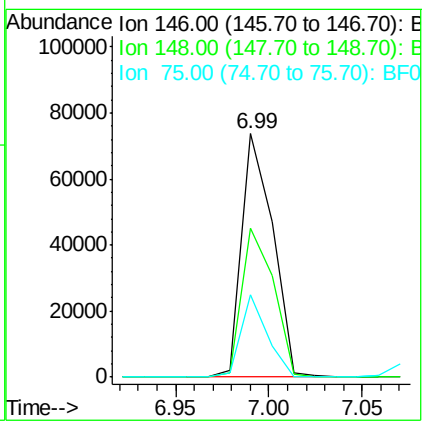
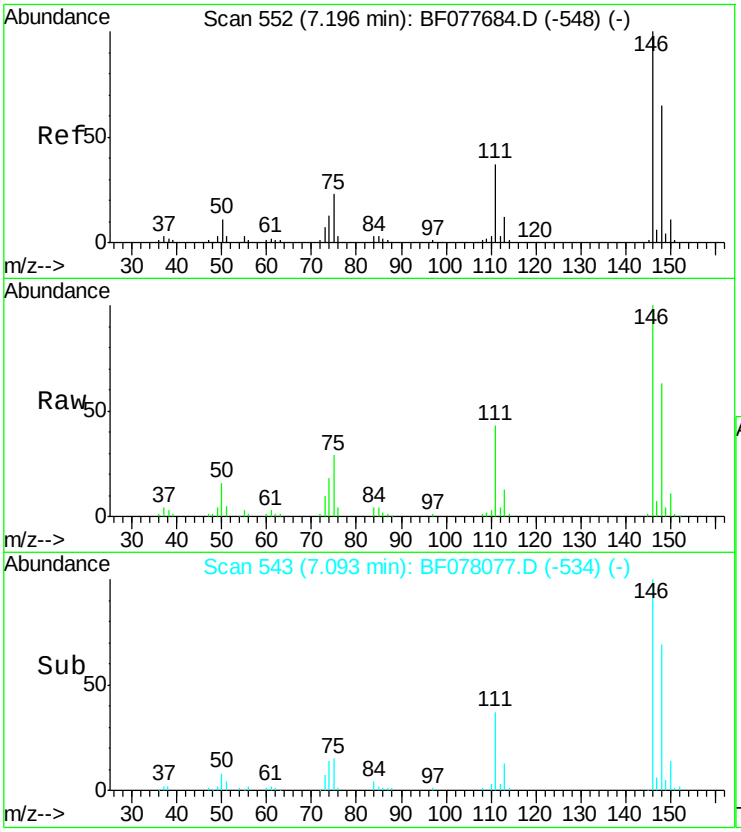


#12
1,3-Dichlorobenzene
Concen: 29.52 ng
RT: 6.99 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:146 Resp: 85507

Ion	Ratio	Lower	Upper
146	100		
148	61.0	50.9	76.3
75	33.9	21.4	32.2#

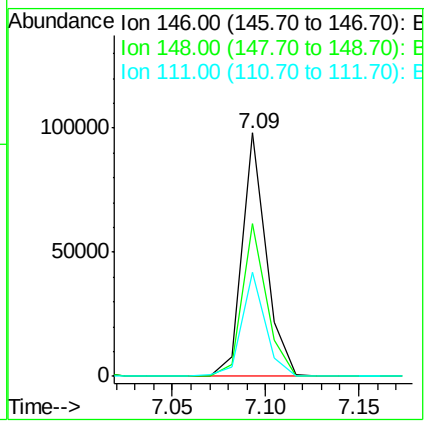




#13
1,4-Dichlorobenzene
Concen: 29.23 ng
RT: 7.09 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:146 Resp: 87998

Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.9	77.9
111	42.8	29.2	43.8



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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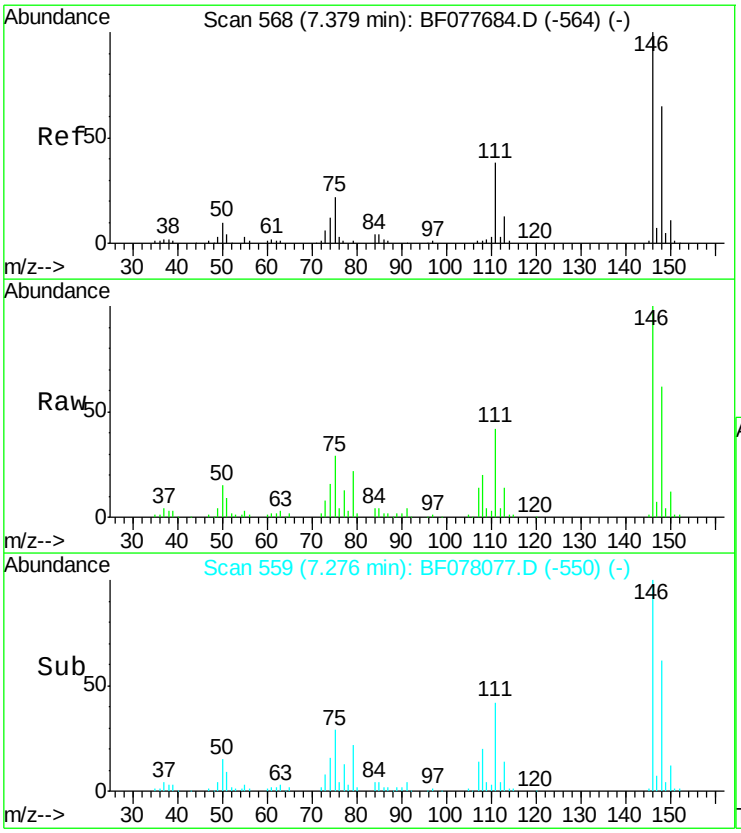
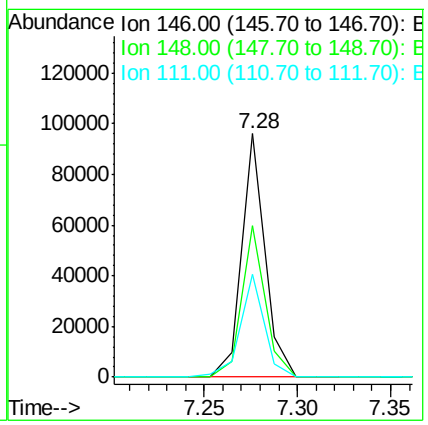
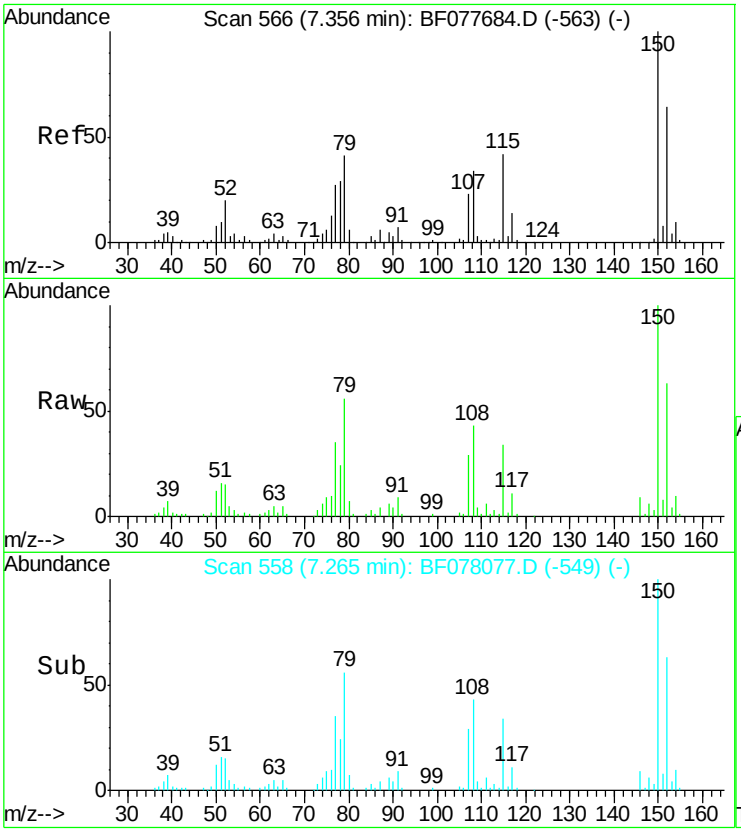


#14
1,2-Dichlorobenzene
Concen: 30.40 ng
RT: 7.28 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:146 Resp: 83878

Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.3	78.5
111	42.2	30.6	45.8

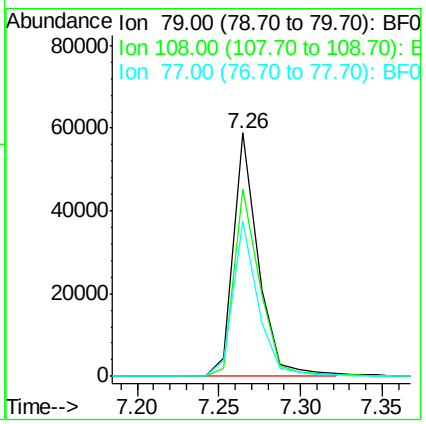




#15
Benzyl Alcohol
Concen: 29.22 ng
RT: 7.26 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion: 79 Resp: 61666

Ion	Ratio	Lower	Upper
79	100		
108	77.0	65.0	97.4
77	63.9	53.0	79.6



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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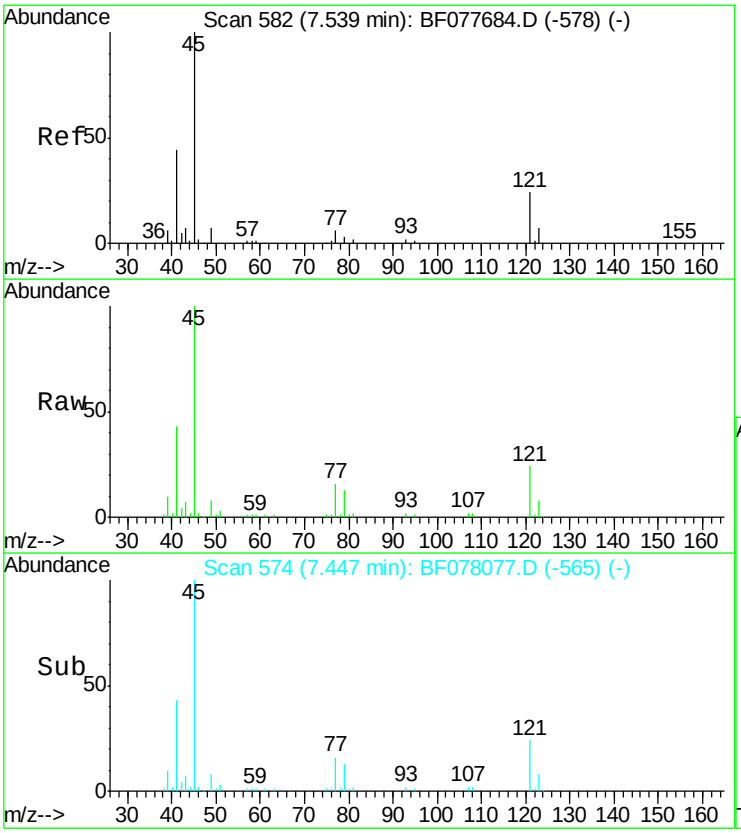
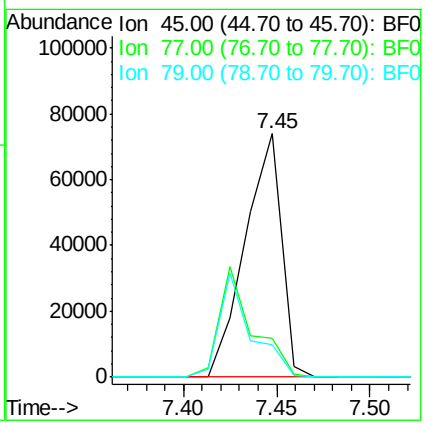
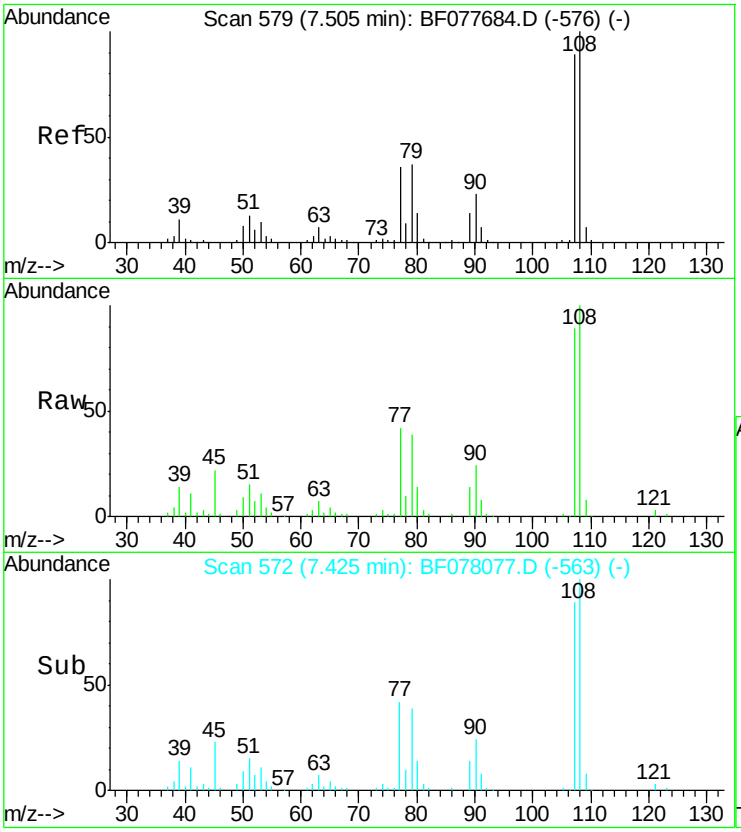


#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.90 ng
RT: 7.45 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion: 45 Resp: 99682

Ion	Ratio	Lower	Upper
45	100		
77	16.1	0.0	35.2
79	13.2	0.0	32.0

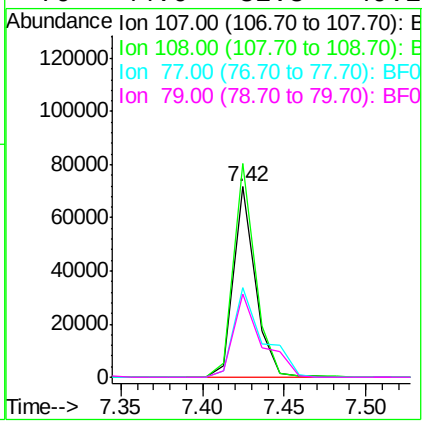




#17
2-Methylphenol
Concen: 30.92 ng
RT: 7.42 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:107 Resp: 65561

Ion	Ratio	Lower	Upper
107	100		
108	112.3	89.8	134.8
77	46.9	32.6	48.8
79	44.0	32.8	49.2



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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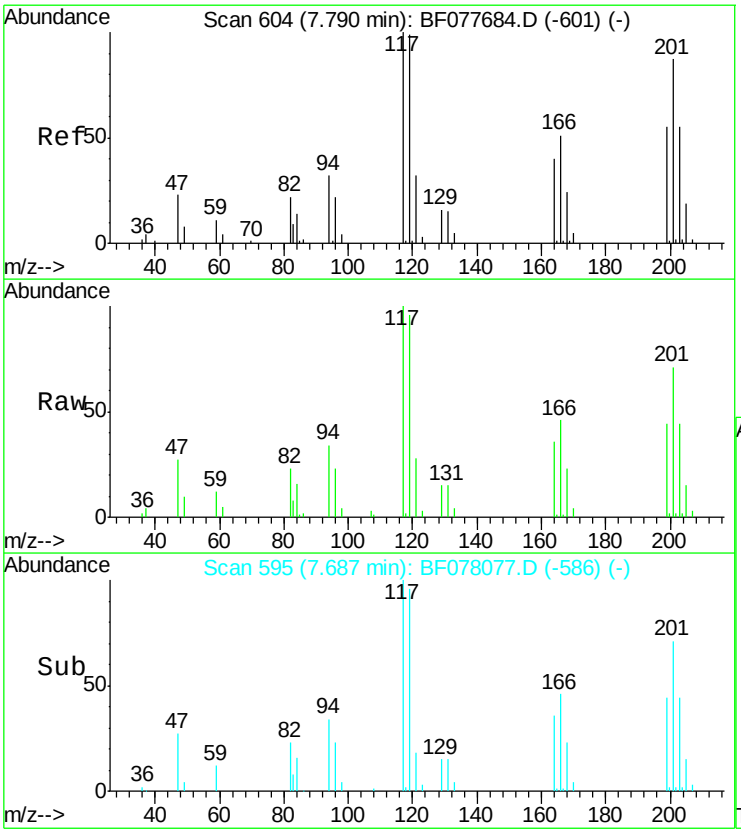
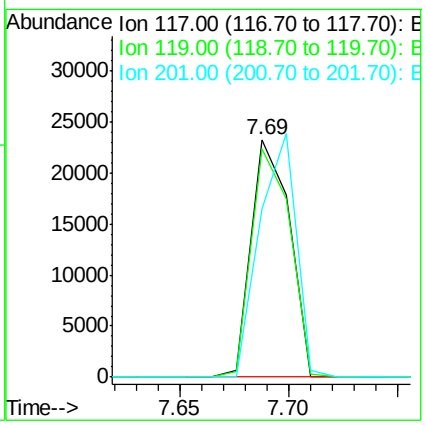
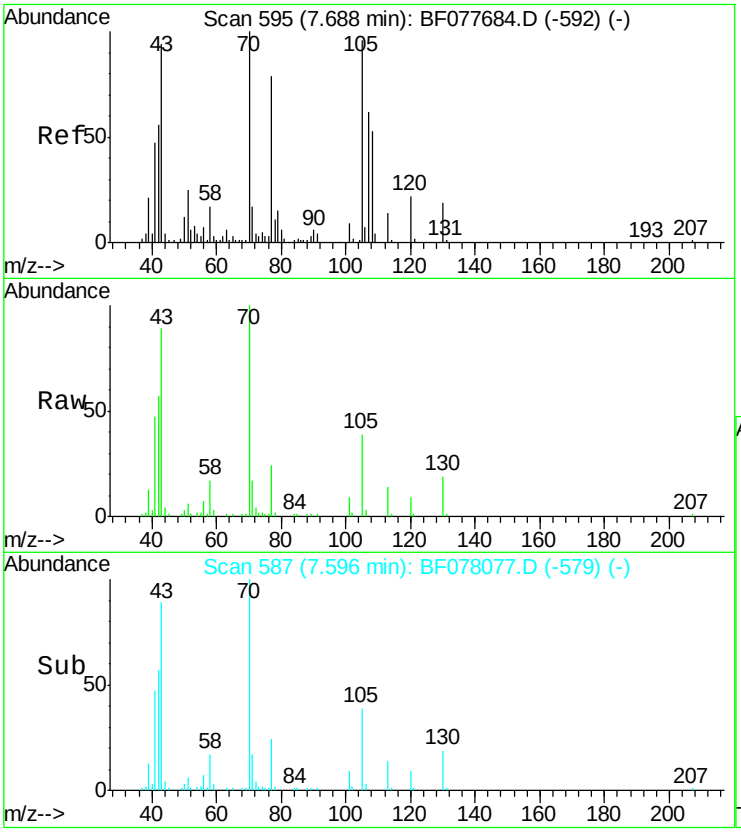


#18
Hexachloroethane
Concen: 28.97 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:117 Resp: 28601

Ion	Ratio	Lower	Upper
117	100		
119	96.3	79.2	118.8
201	71.0	69.8	104.6





#19
n-Nitroso-di-n-propylamine
Concen: 29.18 ng
RT: 7.60 min Scan# 587
Delta R.T. -0.01 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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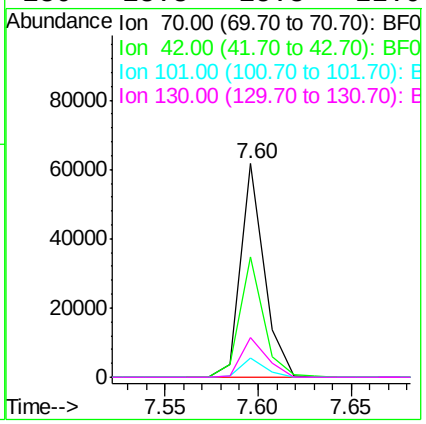
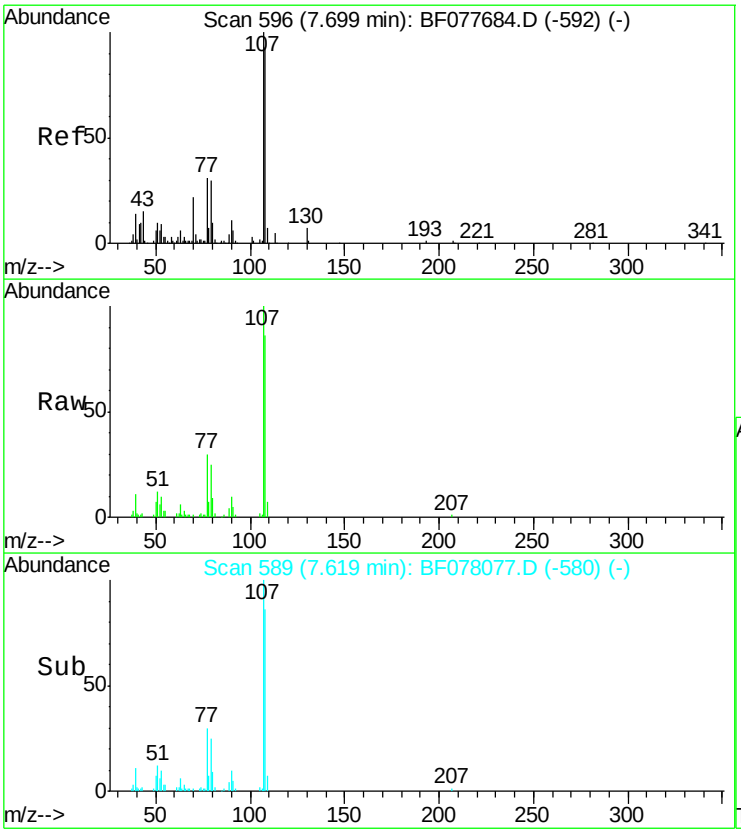
3/30/2015 6:31:22 PM

Tgt Ion: 70 Resp: 54570

Ion	Ratio	Lower	Upper
70	100		
42	56.6	44.5	66.7
101	9.2	7.4	11.2
130	18.8	15.3	22.9

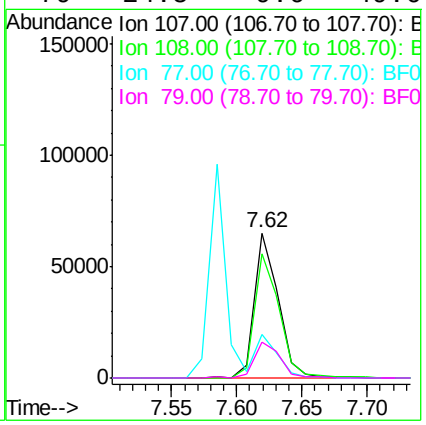


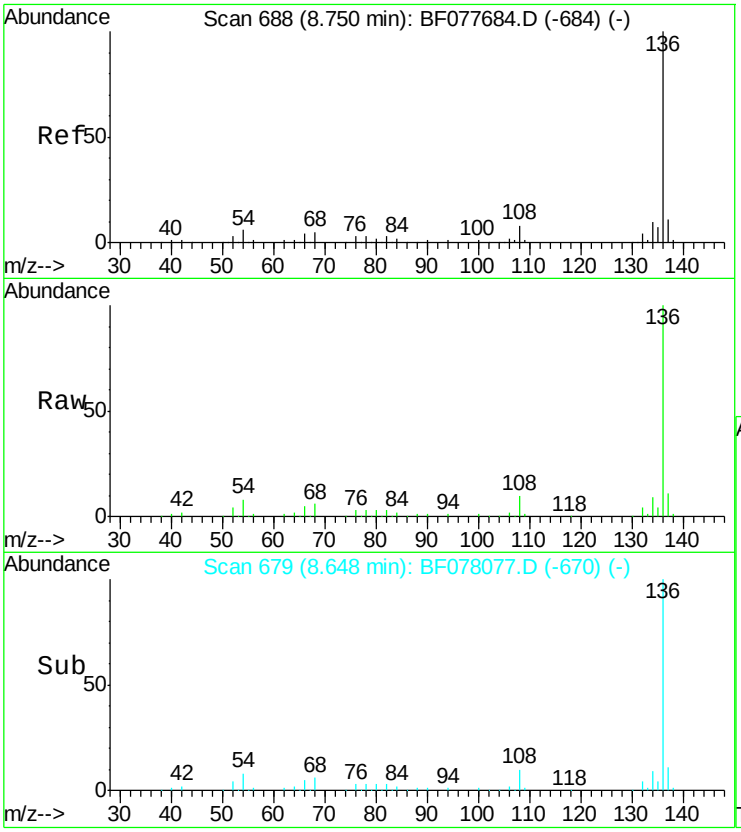


#20
3+4-Methylphenols
Concen: 30.20 ng
RT: 7.62 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:107 Resp: 84026

Ion	Ratio	Lower	Upper
107	100		
108	85.6	73.2	113.2
77	30.1	10.7	50.7
79	24.5	9.6	49.6

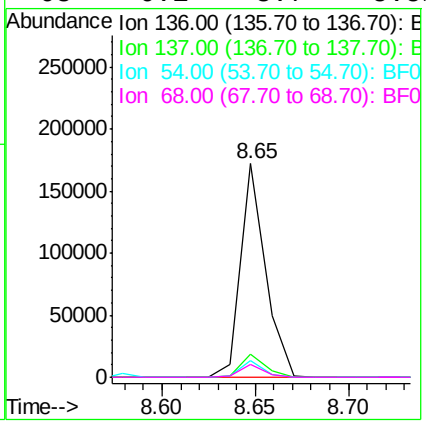




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.65 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:136 Resp: 159499

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	8.0	4.6	6.8#
68	6.1	3.7	5.5#



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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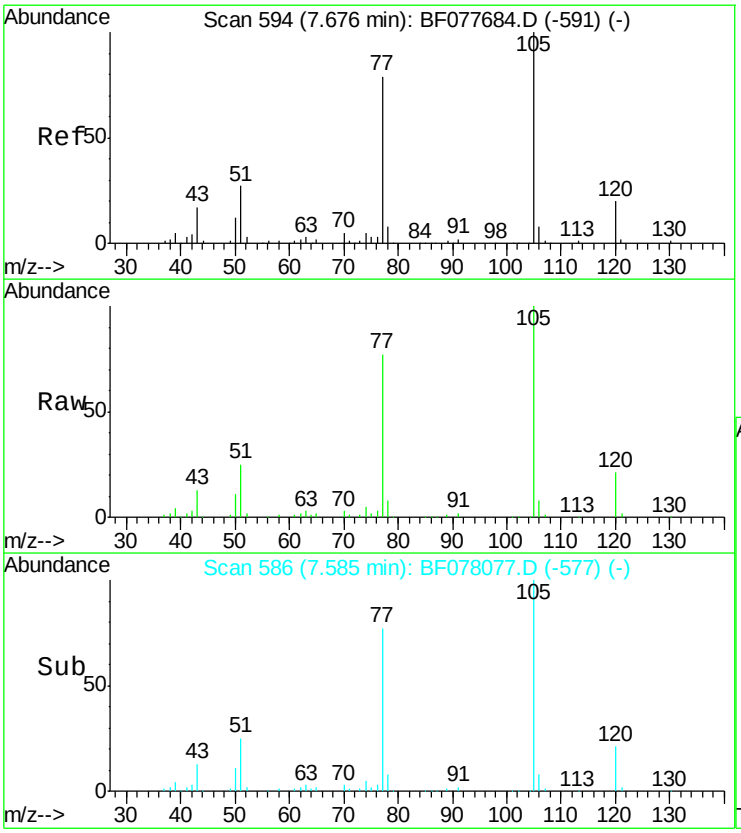
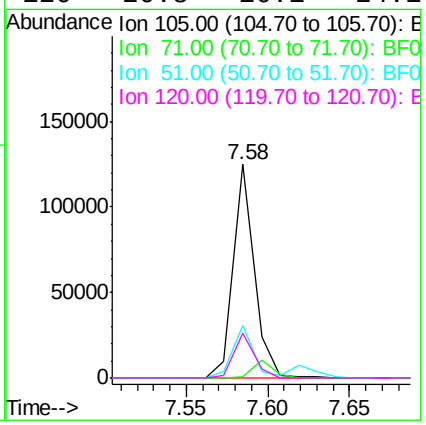
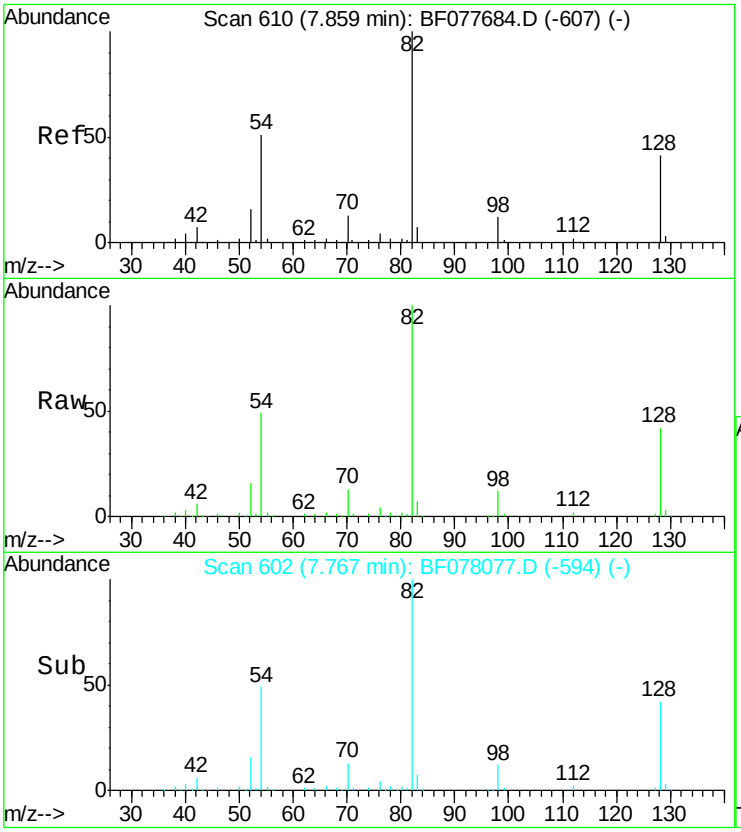


#22
Acetophenone
Concen: 31.36 ng
RT: 7.58 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:105 Resp: 110730

Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.6	1.0#
51	24.6	21.6	32.4
120	20.8	16.1	24.1

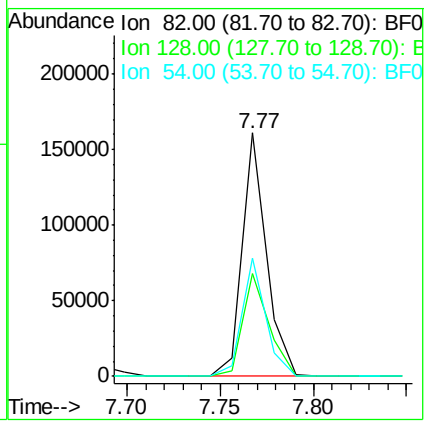




#23
Nitrobenzene-d5
Concen: 59.75 ng
RT: 7.77 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion: 82 Resp: 145376

Ion	Ratio	Lower	Upper
82	100		
128	42.2	32.8	49.2
54	48.8	40.6	60.8



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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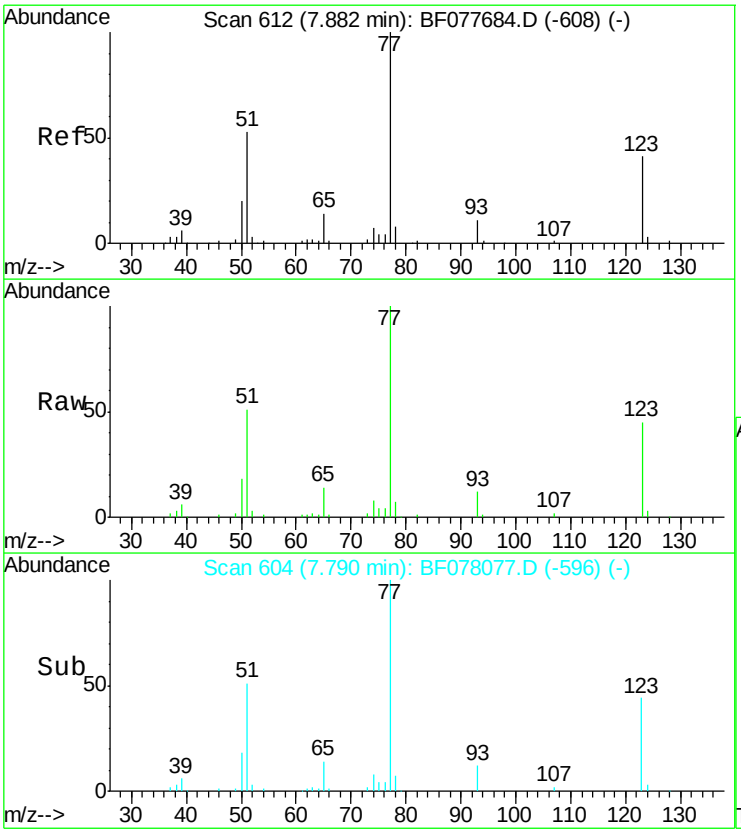
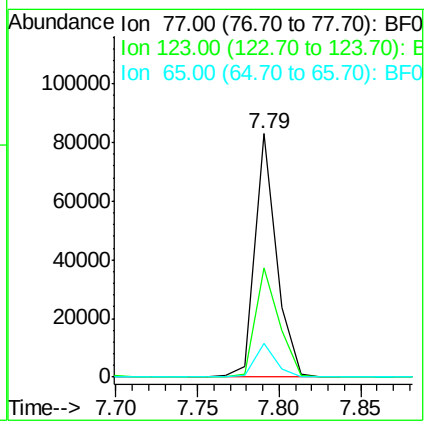
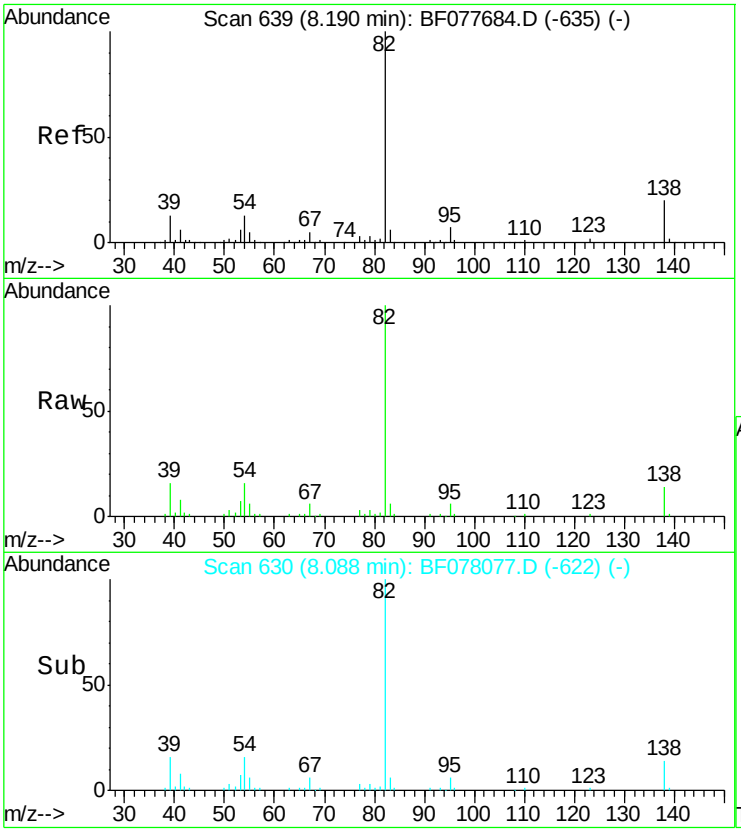


#24
Nitrobenzene
Concen: 29.35 ng
RT: 7.79 min Scan# 604
Delta R.T. -0.01 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion: 77 Resp: 76938

Ion	Ratio	Lower	Upper
77	100		
123	45.1	32.6	49.0
65	13.6	10.9	16.3

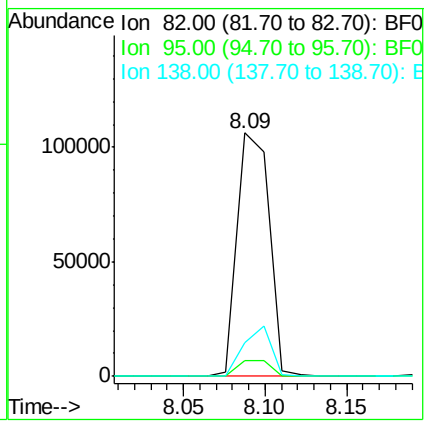




#25
Isophorone
Concen: 29.20 ng
RT: 8.09 min Scan# 630
Delta R.T. -0.01 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion: 82 Resp: 143471

Ion	Ratio	Lower	Upper
82	100		
95	6.4	5.8	8.6
138	14.0	16.3	24.5#



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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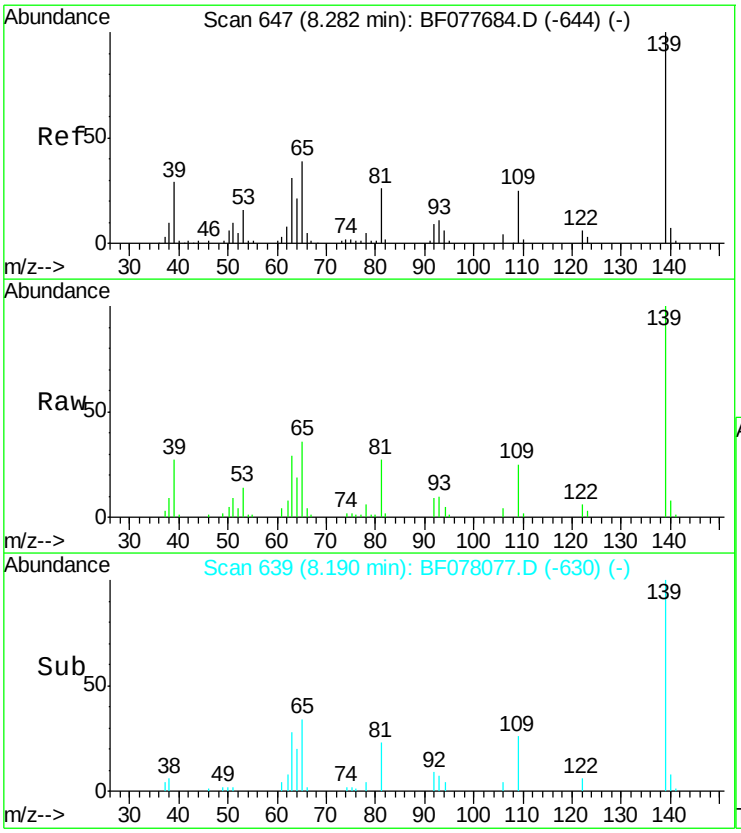
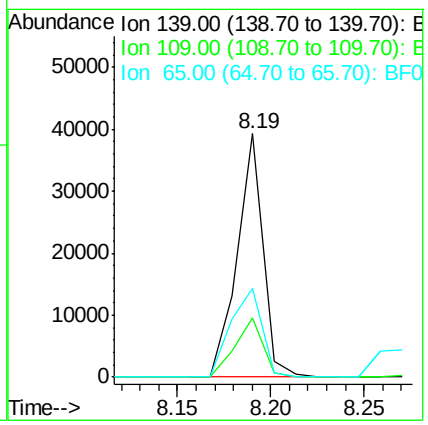
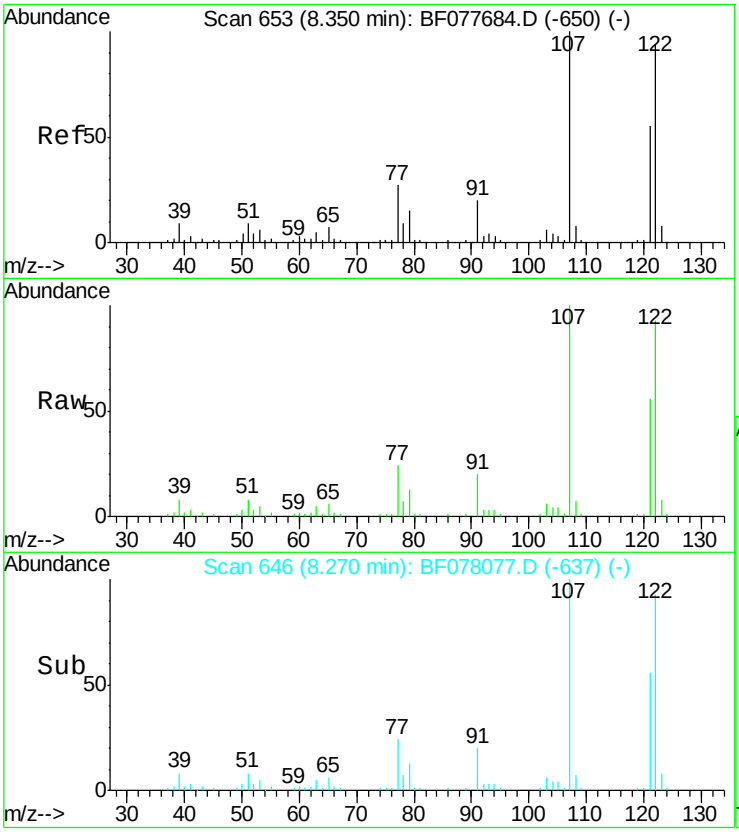


#26
2-Nitrophenol
Concen: 29.64 ng
RT: 8.19 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:139 Resp: 38043

Ion	Ratio	Lower	Upper
139	100		
109	24.6	20.1	30.1
65	36.3	31.5	47.3

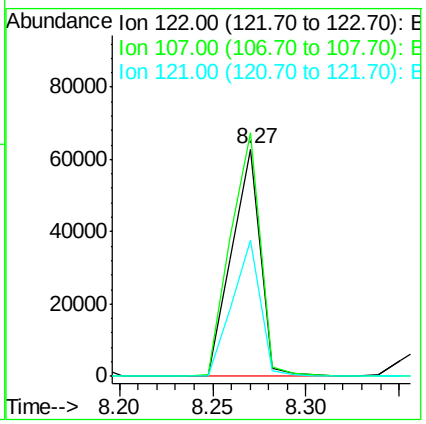




#27
2,4-Dimethylphenol
Concen: 28.83 ng
RT: 8.27 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:122 Resp: 67414

Ion	Ratio	Lower	Upper
122	100		
107	107.2	84.7	127.1
121	60.0	46.6	69.8



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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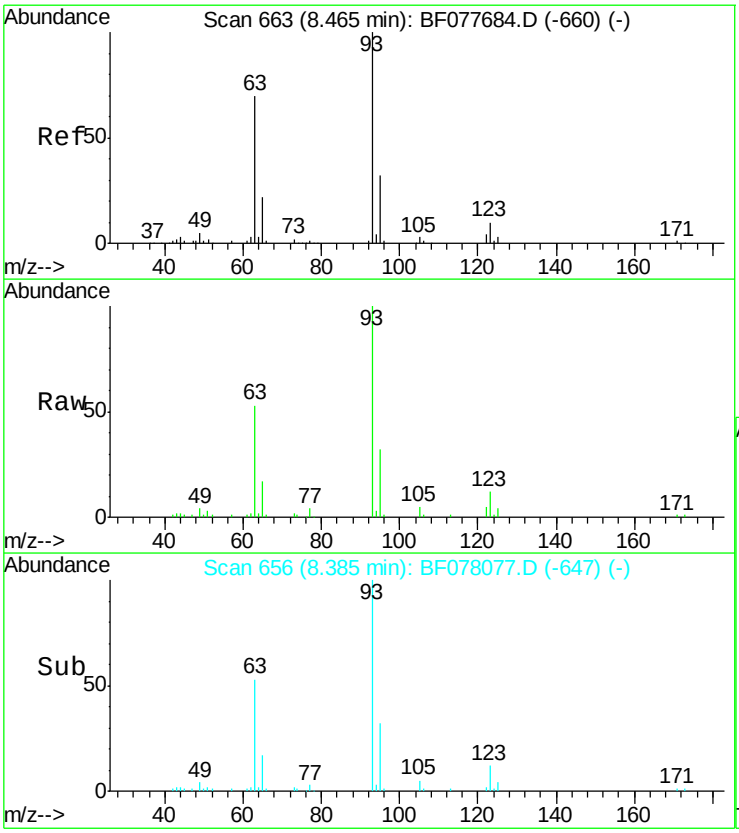
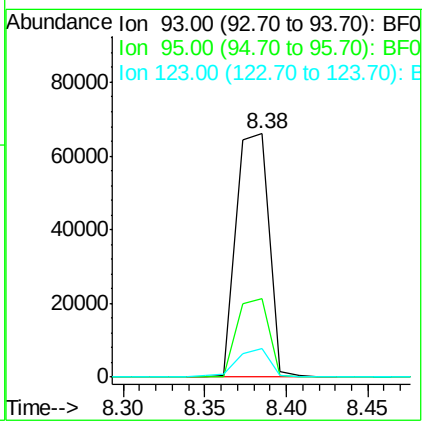
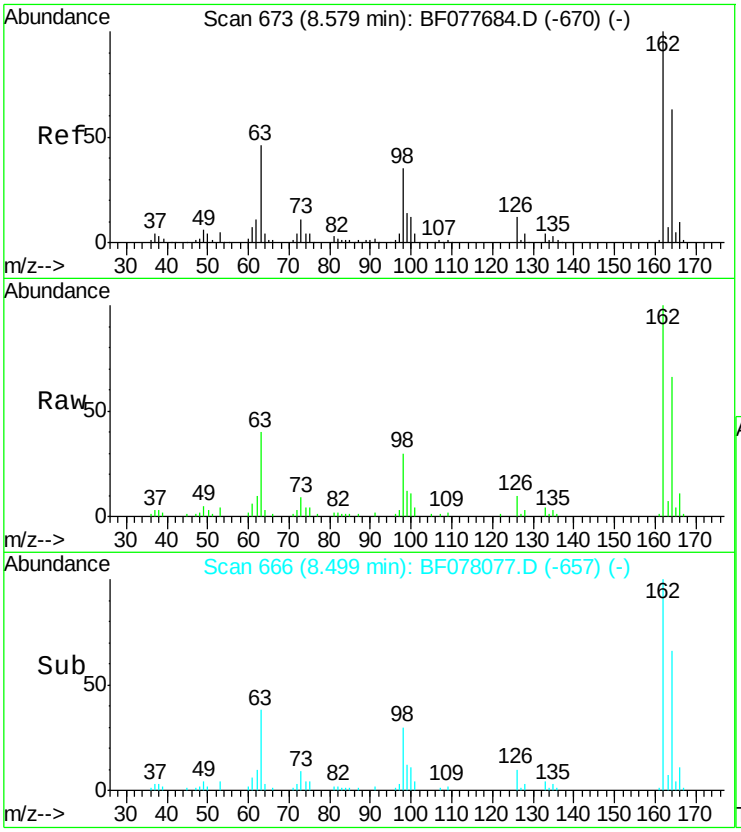


#28
bis(2-Chloroethoxy)methane
Concen: 30.61 ng
RT: 8.38 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion: 93 Resp: 91290

Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.5	38.3
123	11.7	8.6	13.0

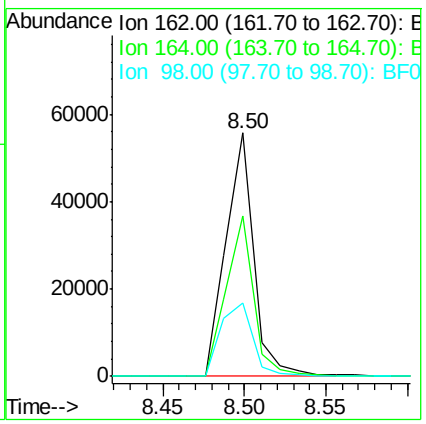




#29
2,4-Dichlorophenol
Concen: 29.31 ng
RT: 8.50 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:162 Resp: 65318

Ion	Ratio	Lower	Upper
162	100		
164	65.9	42.8	82.8
98	30.0	14.5	54.5



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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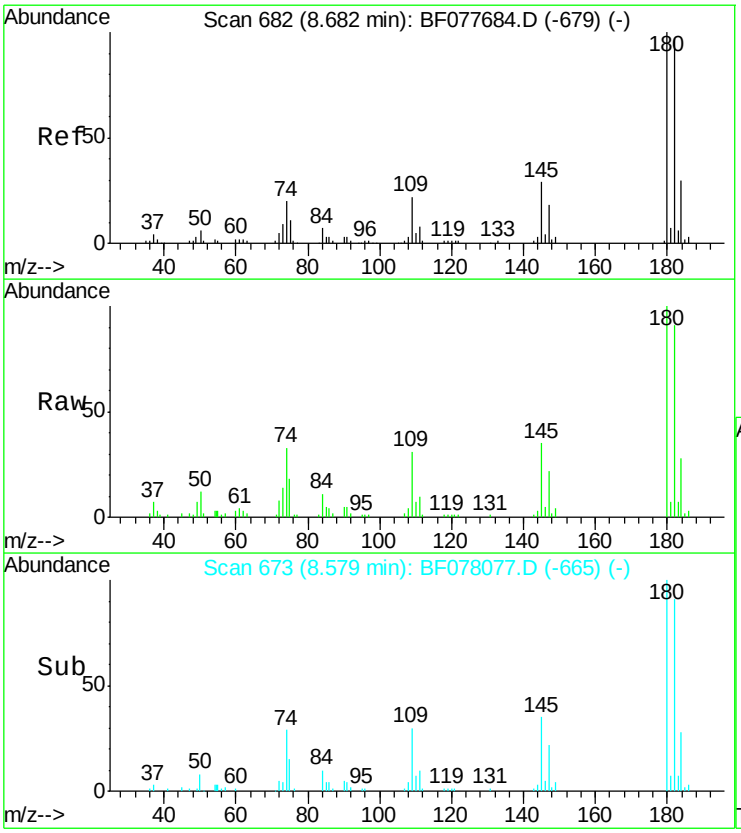
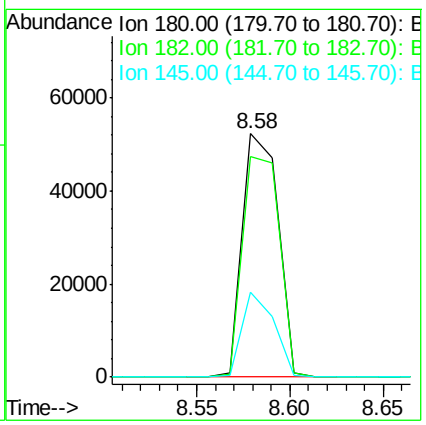
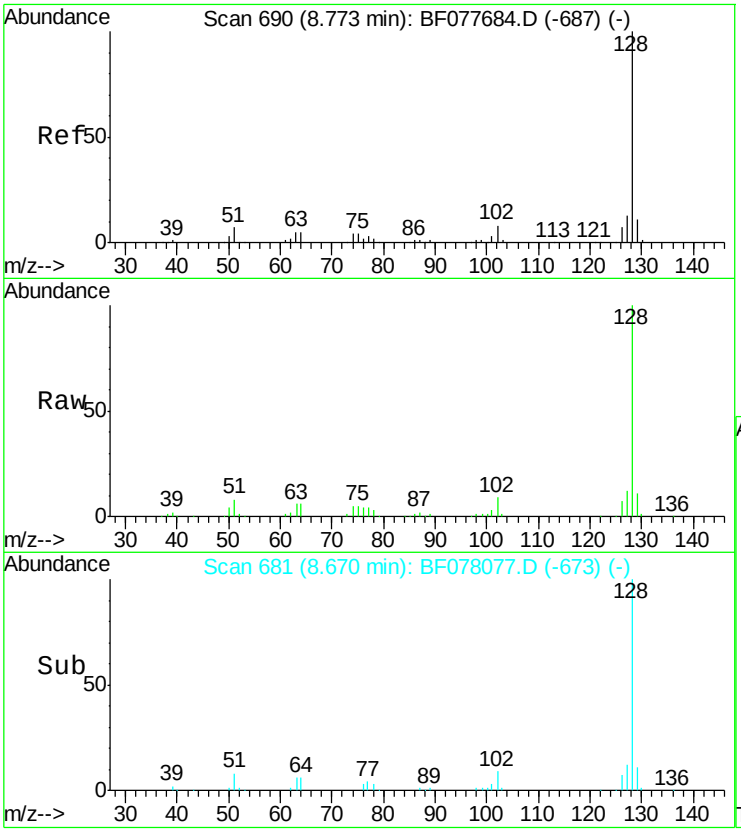


#30
1,2,4-Trichlorobenzene
Concen: 27.85 ng
RT: 8.58 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:180 Resp: 69455

Ion	Ratio	Lower	Upper
180	100		
182	90.8	77.6	116.4
145	34.6	23.4	35.2

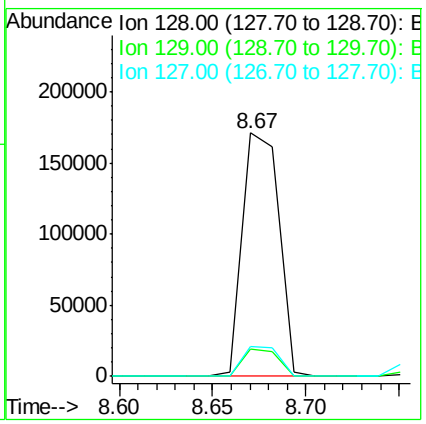




#31
Naphthalene
Concen: 28.31 ng
RT: 8.67 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:128 Resp: 231904

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	12.5	10.4	15.6



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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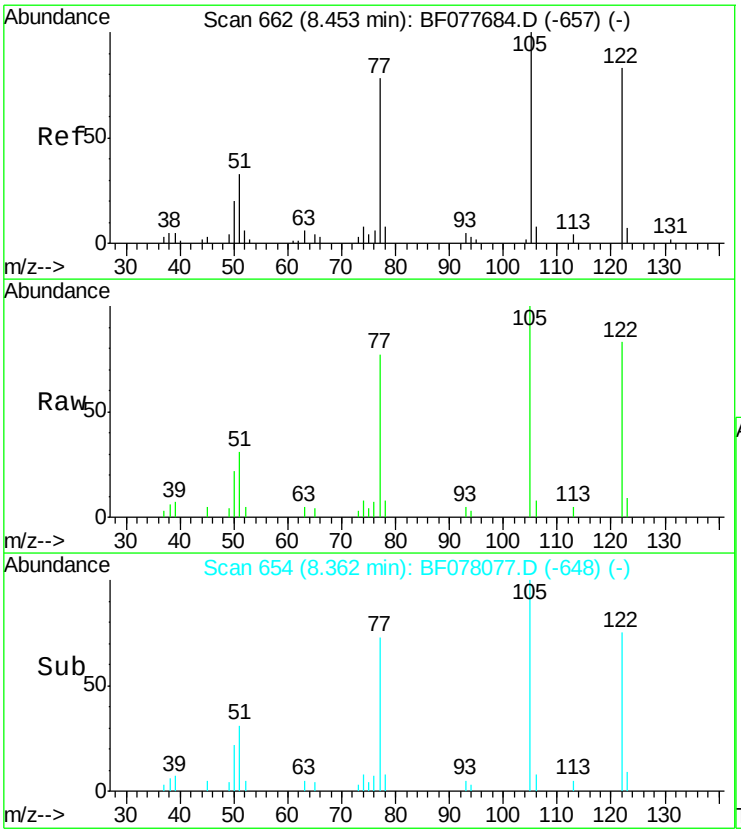
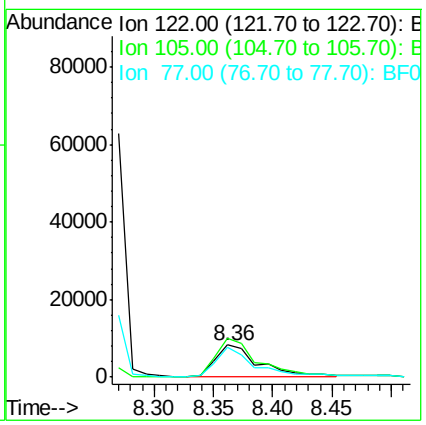
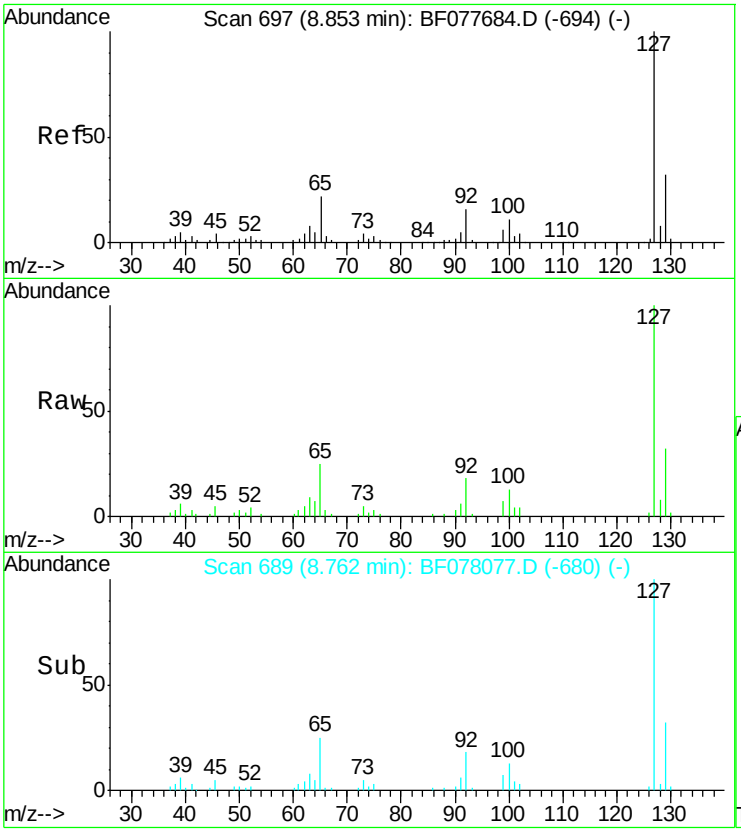


#32
Benzoic acid
Concen: 18.71 ng
RT: 8.36 min Scan# 654
Delta R.T. -0.03 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:122 Resp: 21777

Ion	Ratio	Lower	Upper
122	100		
105	120.7	99.9	139.9
77	92.4	73.7	113.7

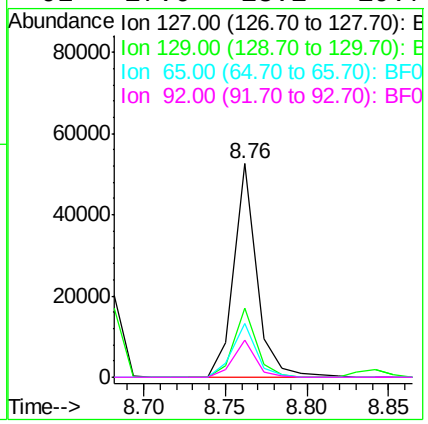




#33
4-Chloroaniline
Concen: 15.35 ng
RT: 8.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:127 Resp: 51045

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.3	37.9
65	24.9	17.6	26.4
92	17.6	13.1	19.7



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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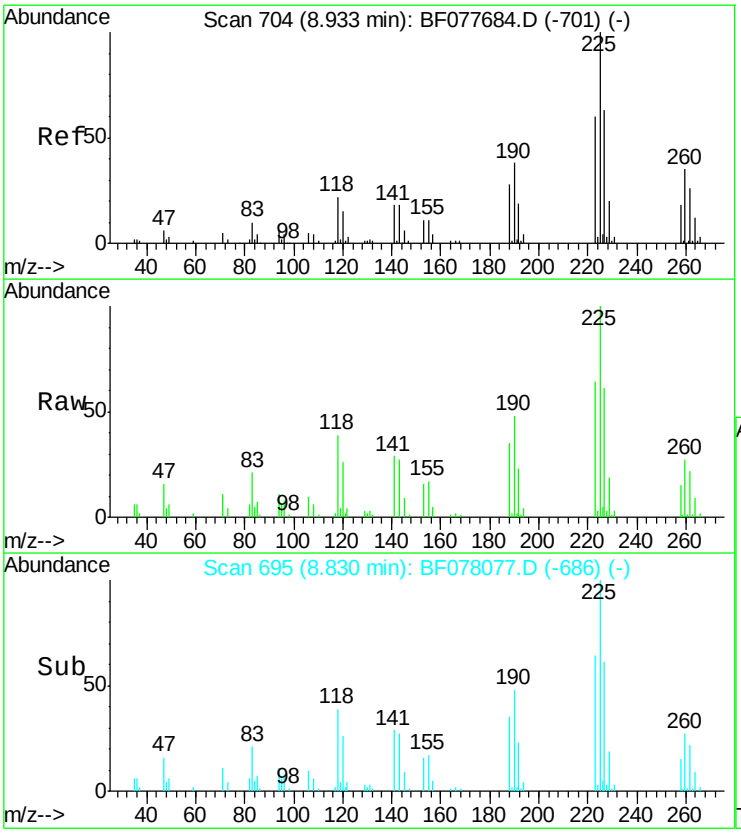
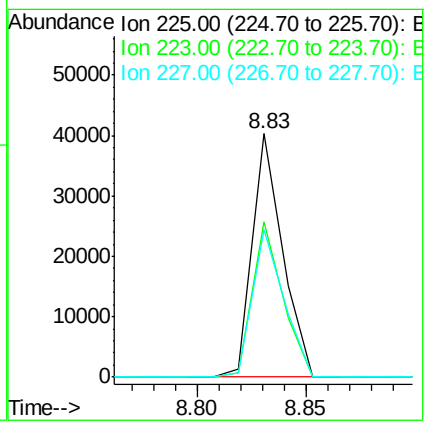
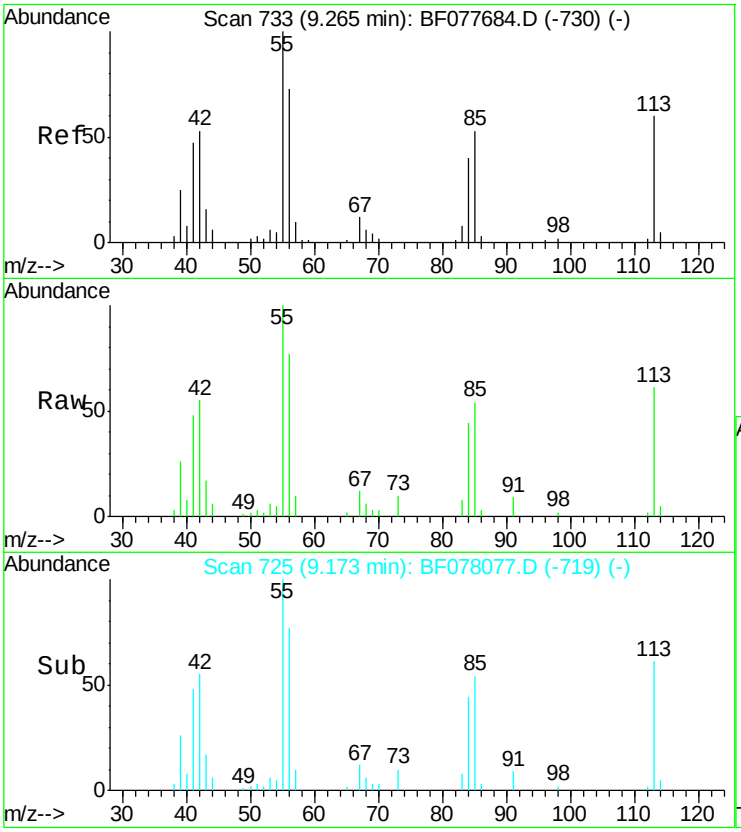


#34
Hexachlorobutadiene
Concen: 27.52 ng
RT: 8.83 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:225 Resp: 38892

Ion	Ratio	Lower	Upper
225	100		
223	63.8	47.9	71.9
227	60.9	50.1	75.1

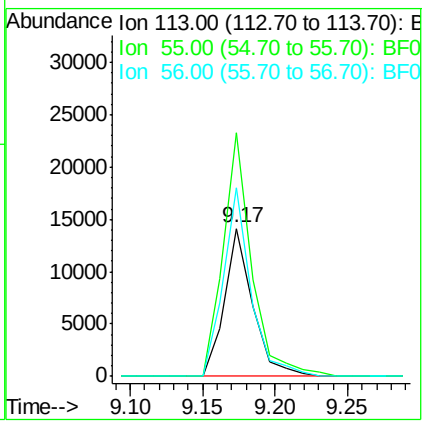




#35
Caprolactam
Concen: 29.24 ng
RT: 9.17 min Scan# 725
Delta R.T. -0.03 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:113 Resp: 19044

Ion	Ratio	Lower	Upper
113	100		
55	164.6	145.9	185.9
56	127.2	101.0	141.0



Instrument :
BNA_F
ClientSampleId :
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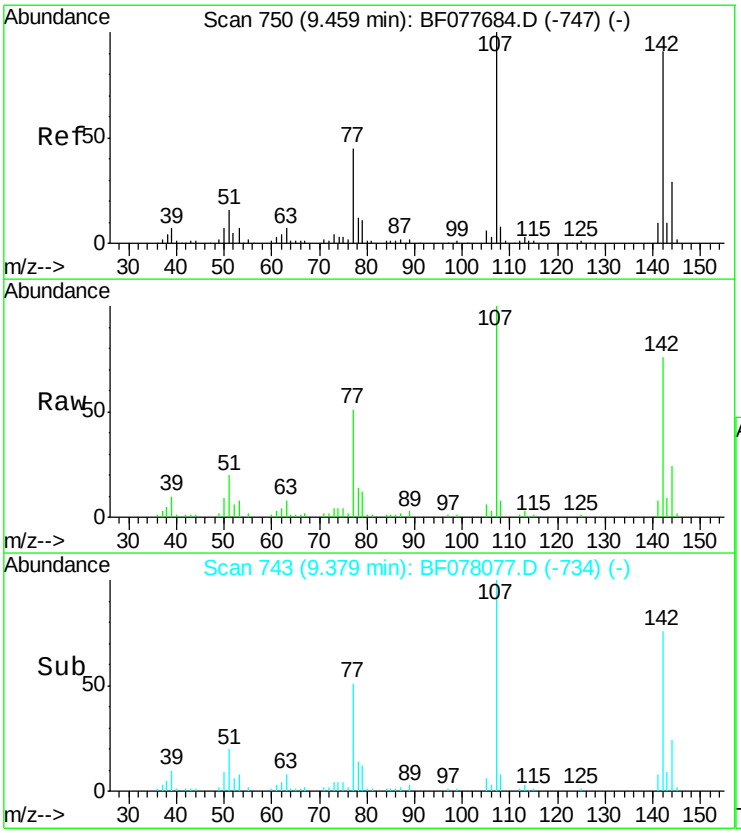
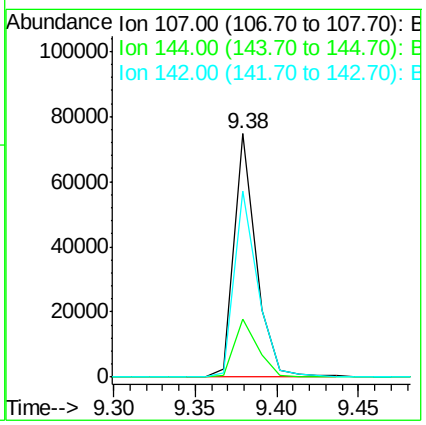
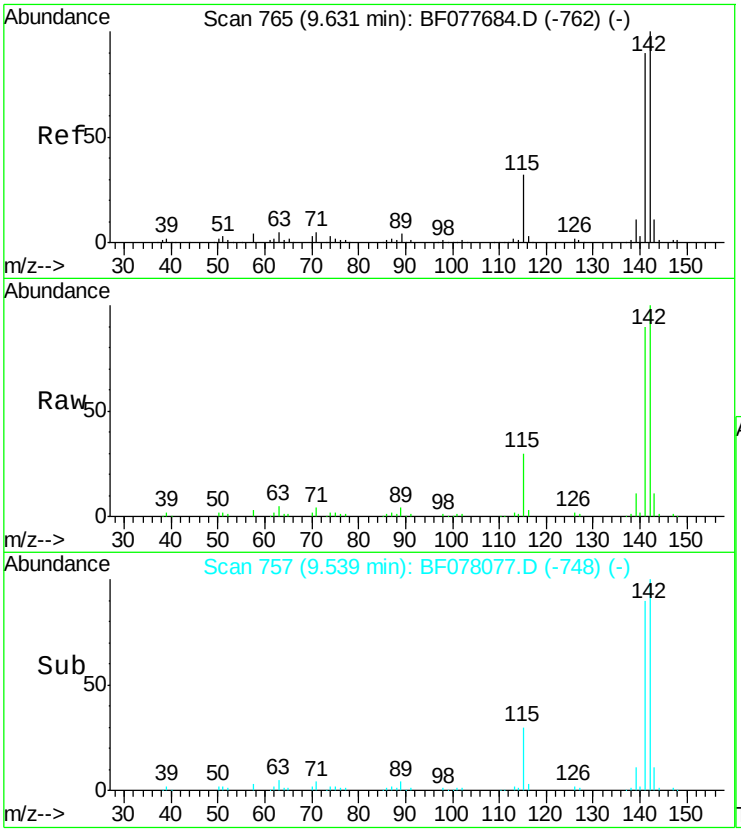


#36
4-Chloro-3-methylphenol
Concen: 31.06 ng
RT: 9.38 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:107 Resp: 69637

Ion	Ratio	Lower	Upper
107	100		
144	24.0	23.3	34.9
142	76.4	72.6	109.0

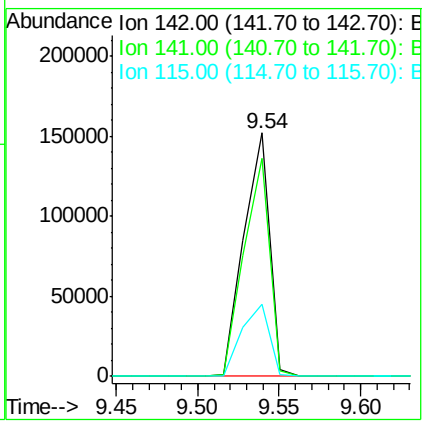




#37
2-Methylnaphthalene
Concen: 30.22 ng
RT: 9.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:142 Resp: 166304

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.9	107.9
115	29.5	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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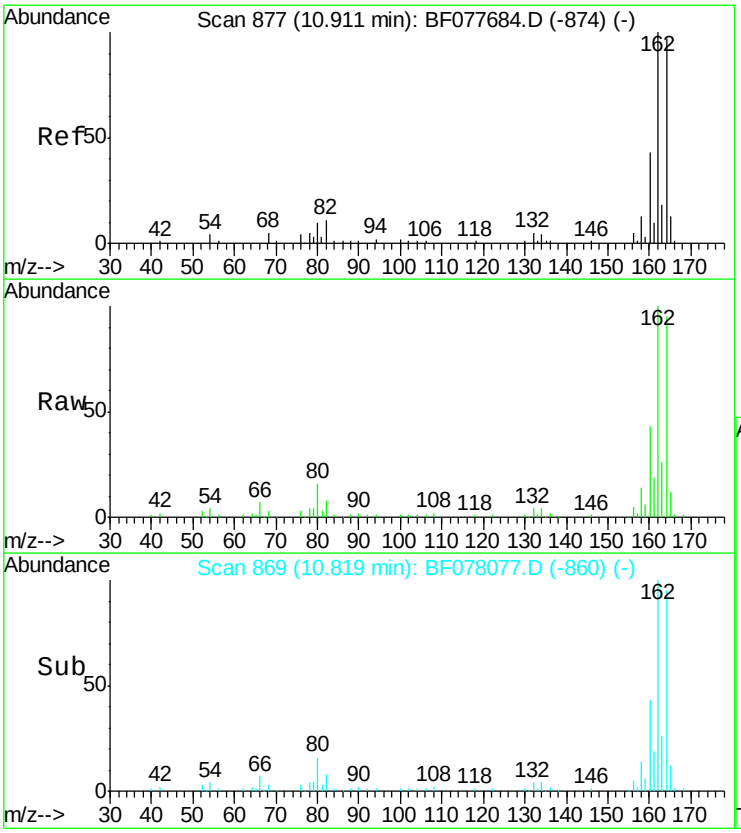
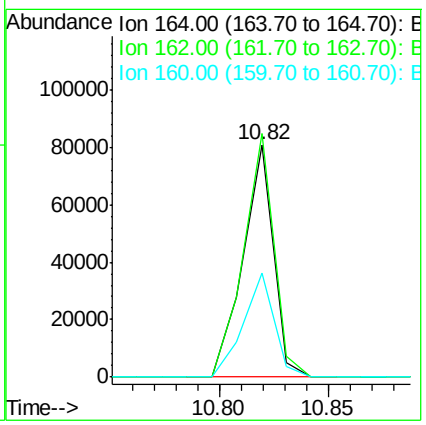
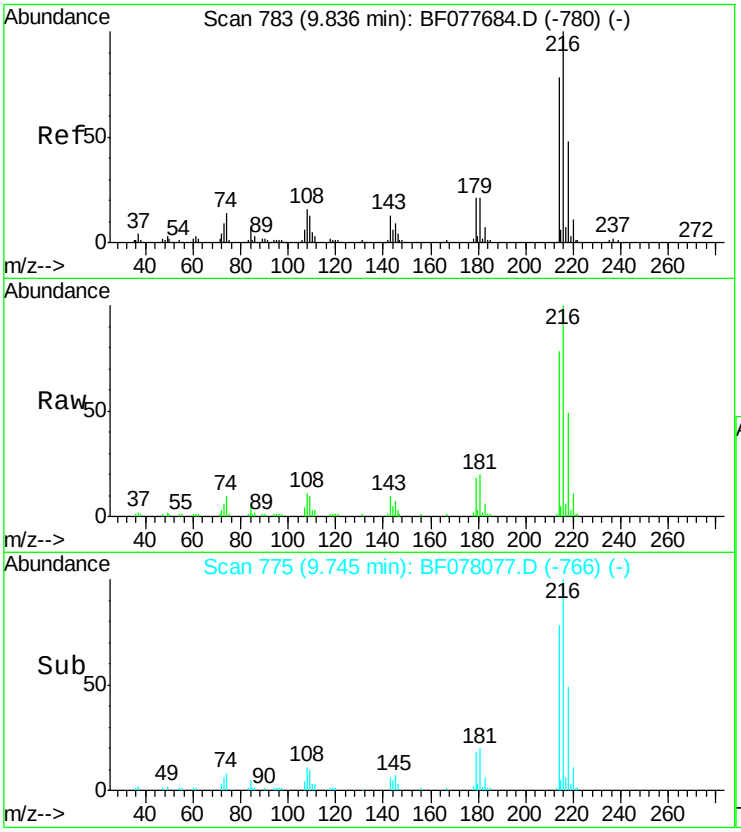


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.82 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:164 Resp: 77937

Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.4	123.6
160	45.1	35.8	53.6

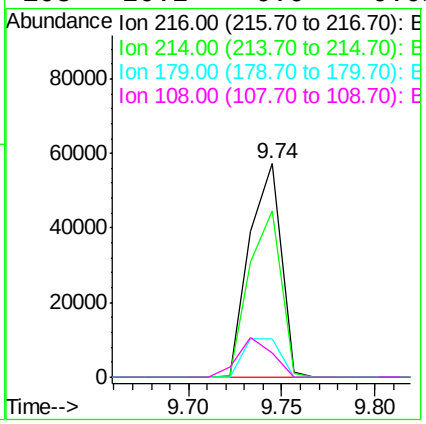




#39
1,2,4,5-Tetrachlorobenzene
Concen: 28.96 ng
RT: 9.74 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:216 Resp: 67331

Ion	Ratio	Lower	Upper
216	100		
214	78.4	0.0	0.0#
179	20.9	0.0	0.0#
108	20.2	0.0	0.0#



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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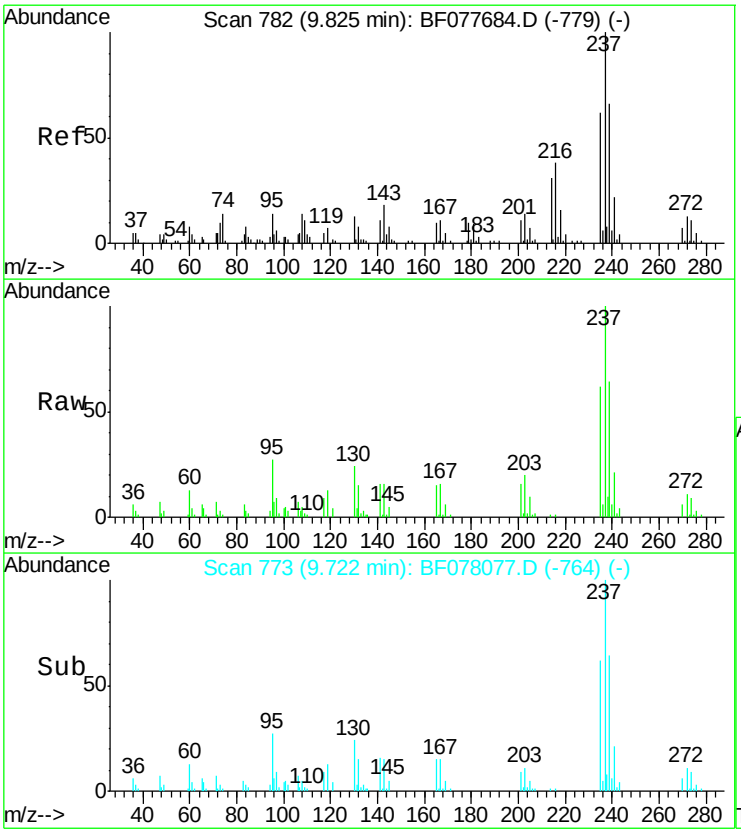
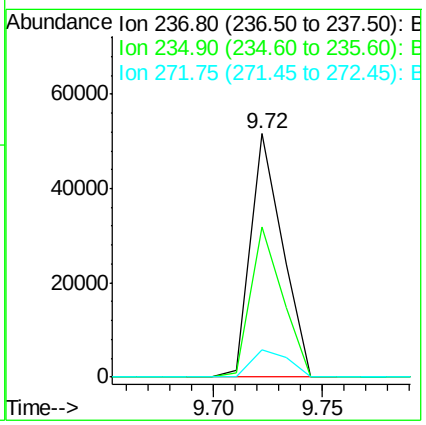
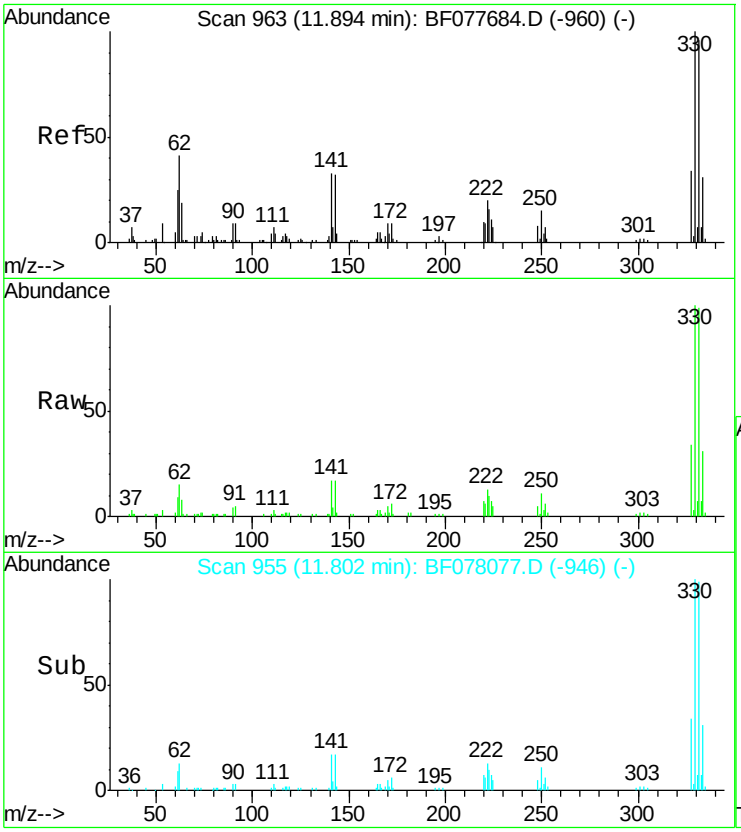


#40
Hexachlorocyclopentadiene
Concen: 46.76 ng
RT: 9.72 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:237 Resp: 52815

Ion	Ratio	Lower	Upper
237	100		
235	61.8	42.0	82.0
272	11.3	0.0	33.4

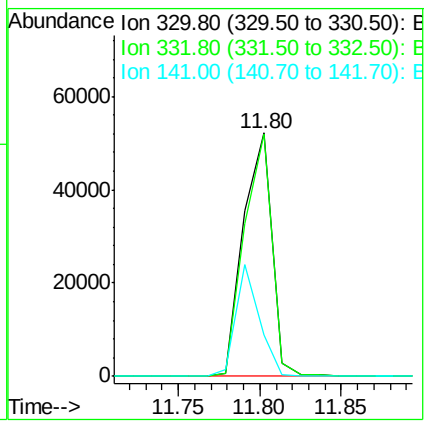




#41
2,4,6-Tribromophenol
Concen: 84.42 ng
RT: 11.80 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:330 Resp: 62954

Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	38.0	0.0	0.0#



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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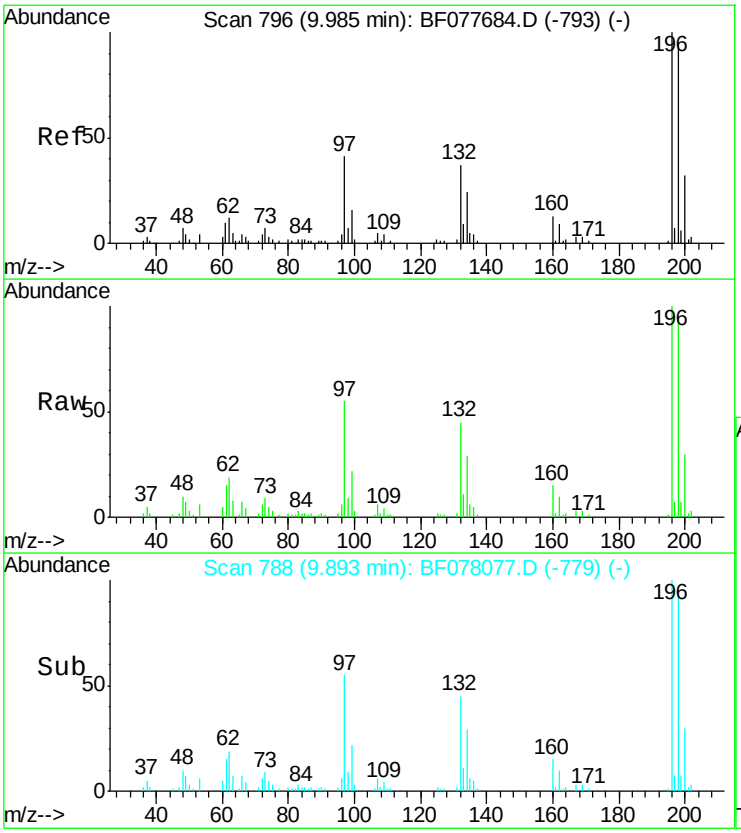
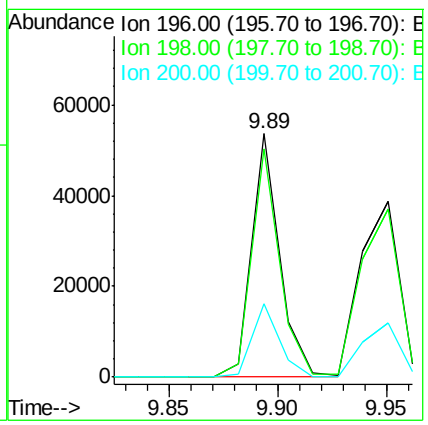
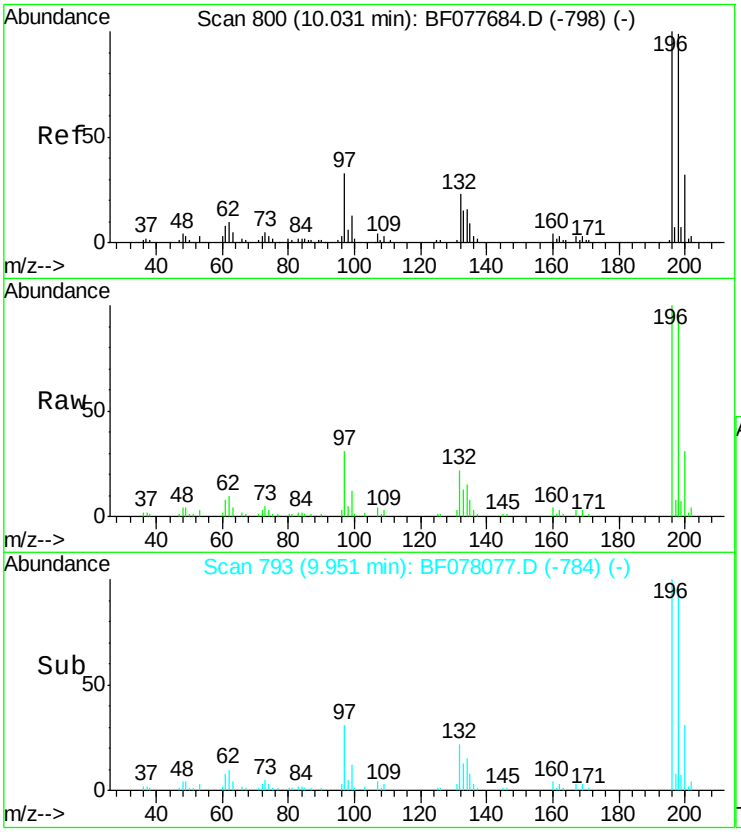


#42
2,4,6-Trichlorophenol
Concen: 29.94 ng
RT: 9.89 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:196 Resp: 48214

Ion	Ratio	Lower	Upper
196	100		
198	93.9	76.3	114.5
200	29.9	25.6	38.4

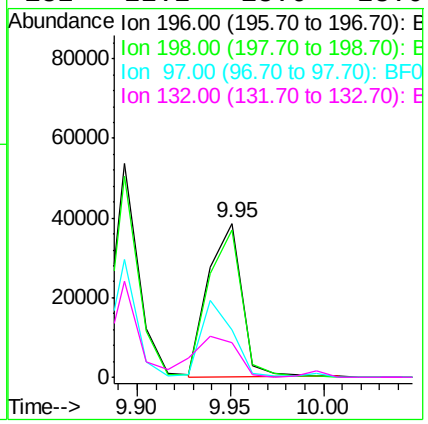




#43
2,4,5-Trichlorophenol
Concen: 27.69 ng
RT: 9.95 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:196 Resp: 48171

Ion	Ratio	Lower	Upper
196	100		
198	95.7	79.4	119.0
97	30.7	26.8	40.2
132	22.2	18.6	28.0



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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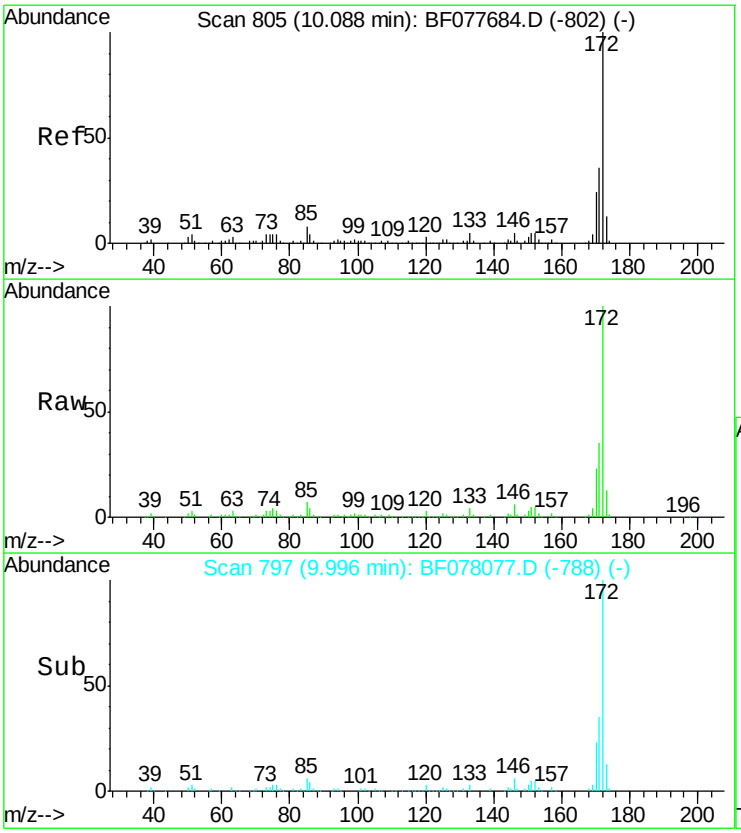
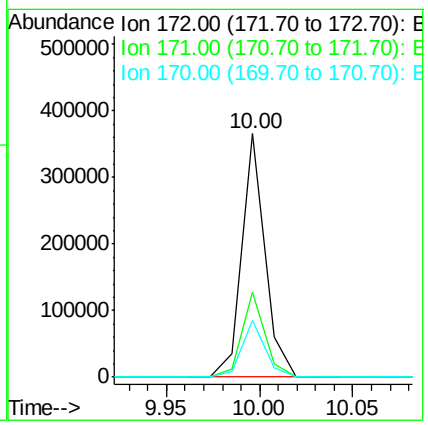
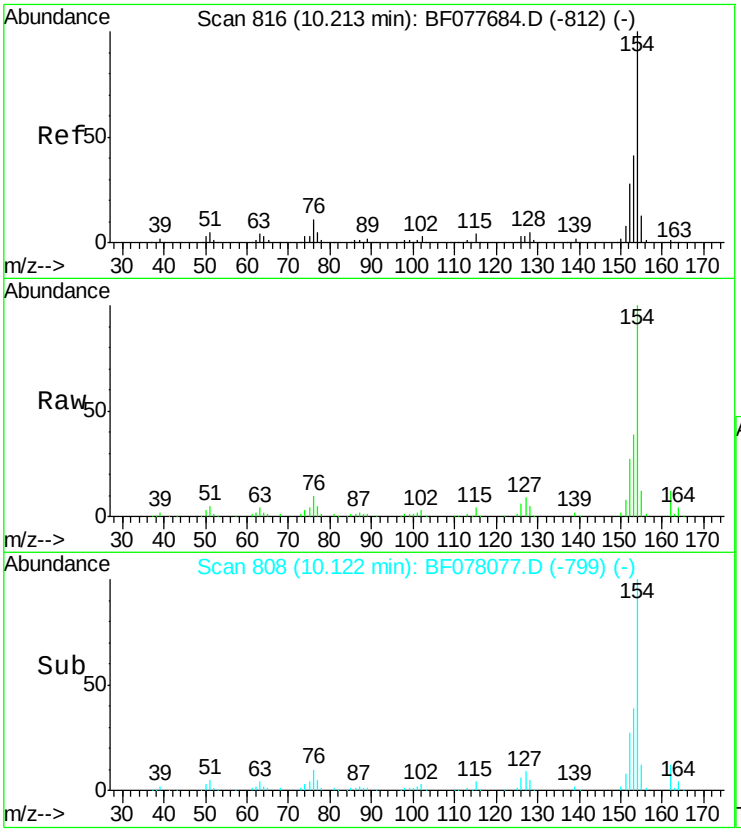


#44
2-Fluorobiphenyl
Concen: 59.70 ng
RT: 10.00 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:172 Resp: 316588

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.4	18.8	28.2

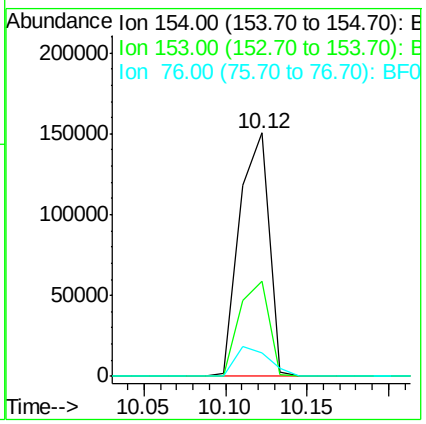




#45
1,1'-Biphenyl
Concen: 30.11 ng
RT: 10.12 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:154 Resp: 187573

Ion	Ratio	Lower	Upper
154	100		
153	39.3	20.7	60.7
76	9.6	0.0	30.9



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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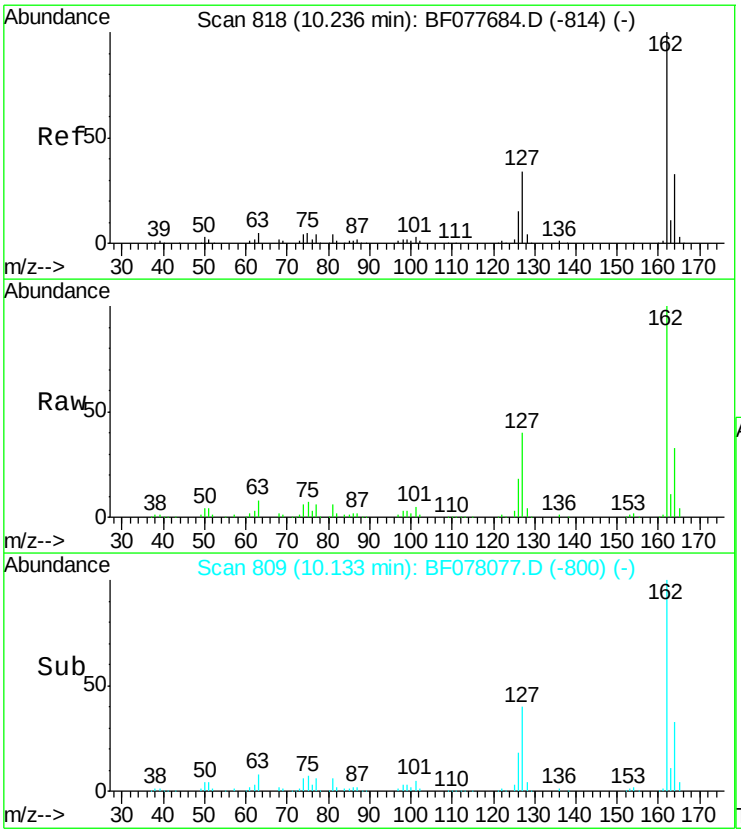
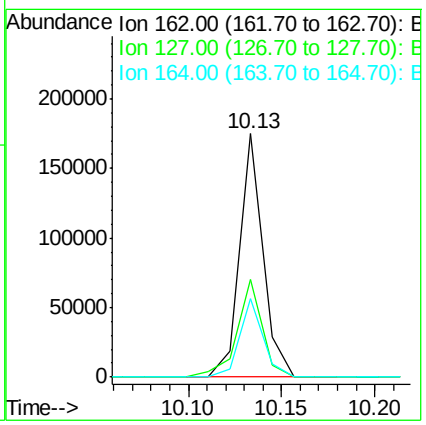
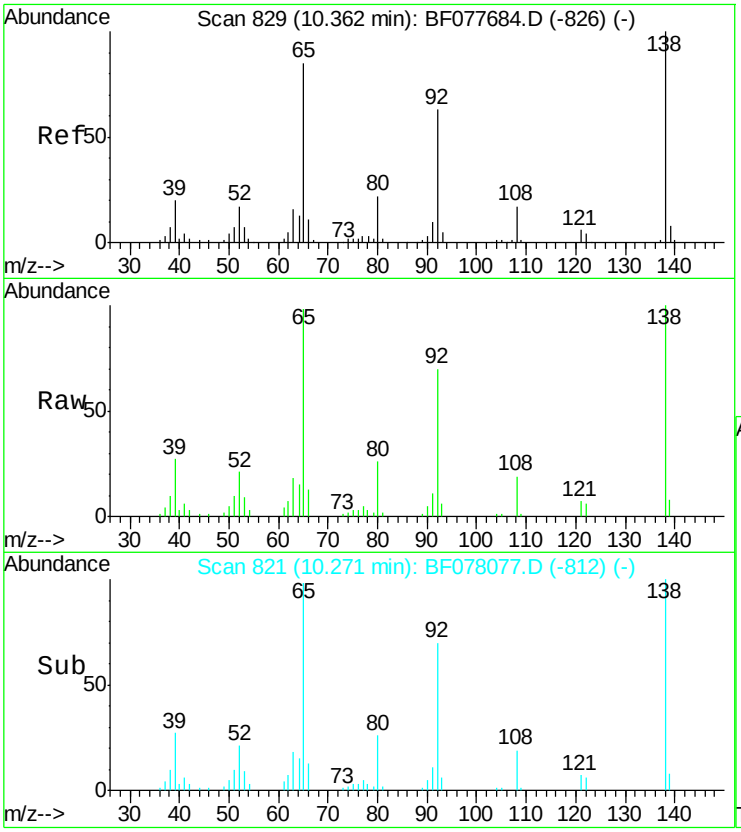


#46
2-Chloronaphthalene
Concen: 30.10 ng
RT: 10.13 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:162 Resp: 152386

Ion	Ratio	Lower	Upper
162	100		
127	39.9	26.9	40.3
164	32.5	26.8	40.2

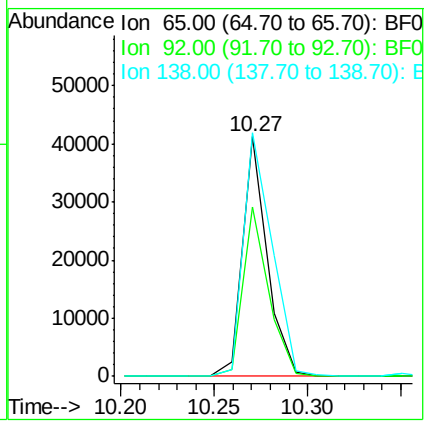




#47
2-Nitroaniline
Concen: 30.09 ng
RT: 10.27 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion: 65 Resp: 37835

Ion	Ratio	Lower	Upper
65	100		
92	70.7	59.1	88.7
138	101.6	93.9	140.9



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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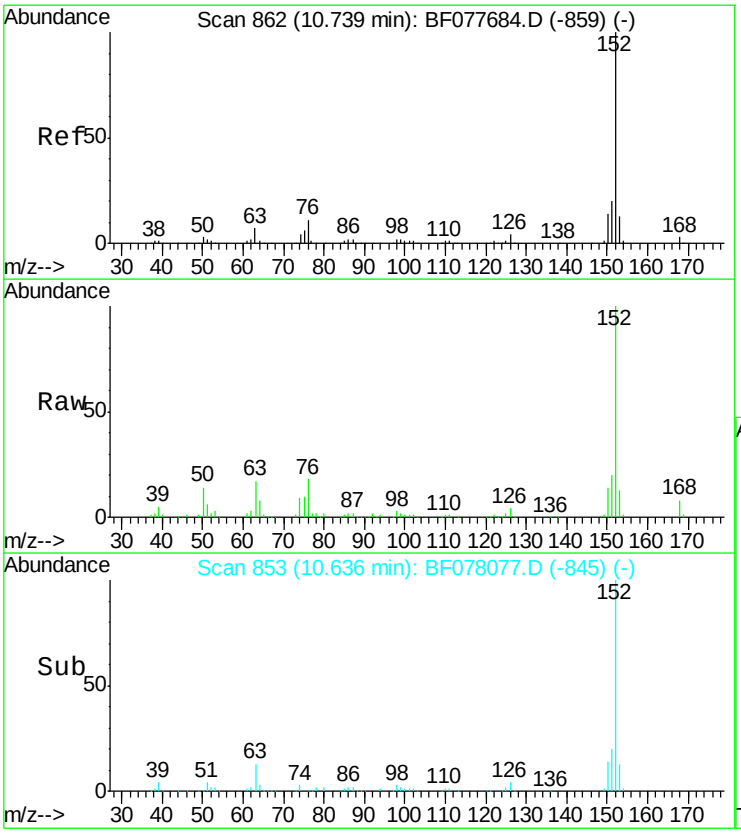
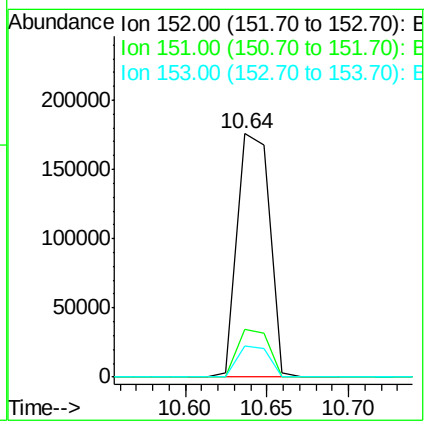
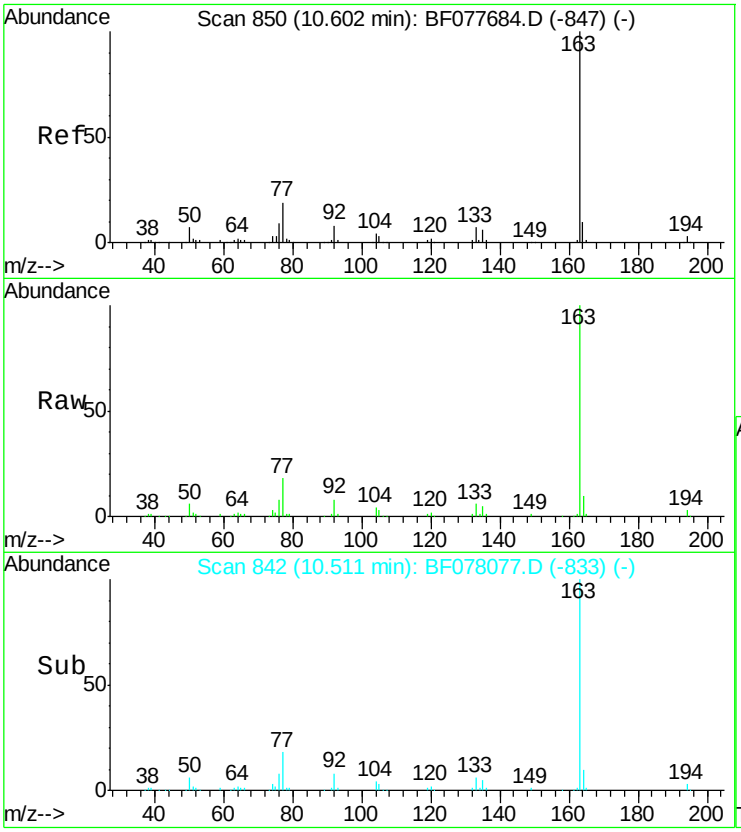


#48
Acenaphthylene
Concen: 28.49 ng
RT: 10.64 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:152 Resp: 239901

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	13.0	10.6	16.0

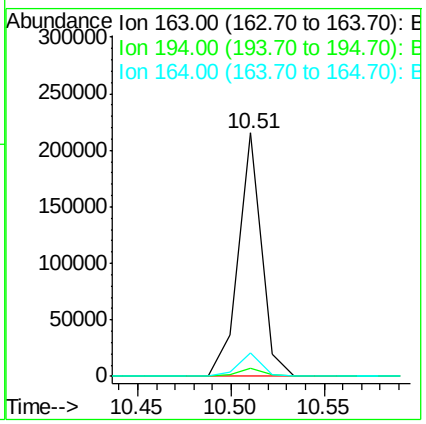




#49
Dimethylphthalate
Concen: 32.27 ng
RT: 10.51 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:163 Resp: 186520

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.8	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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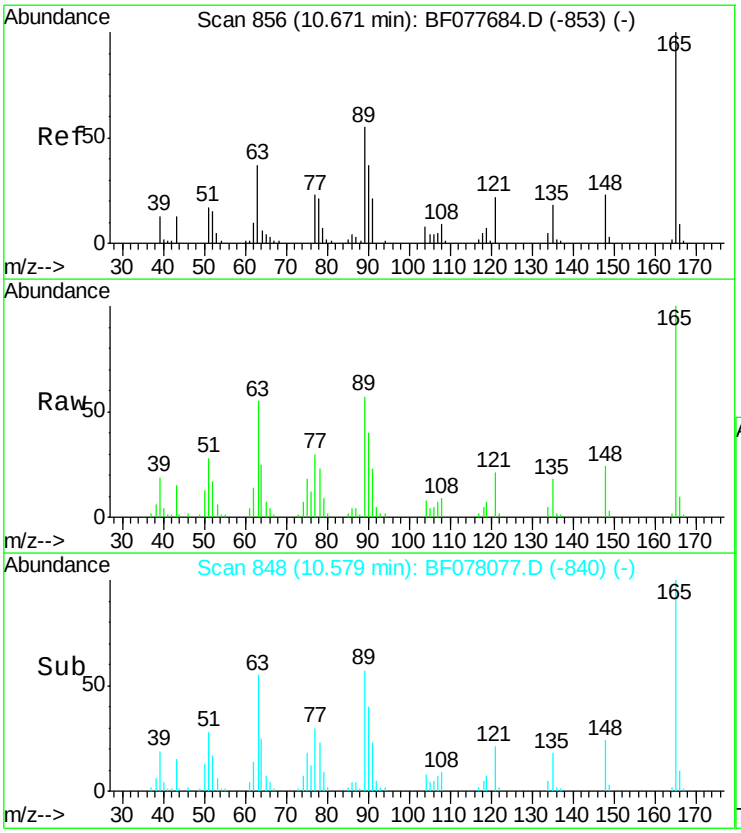
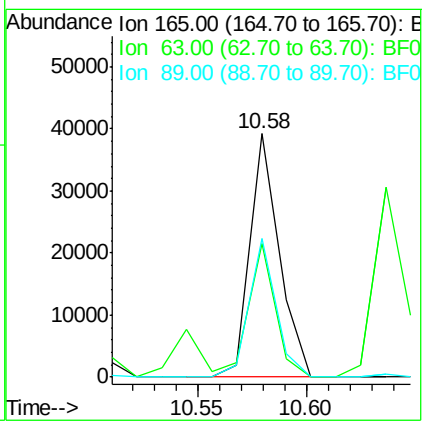
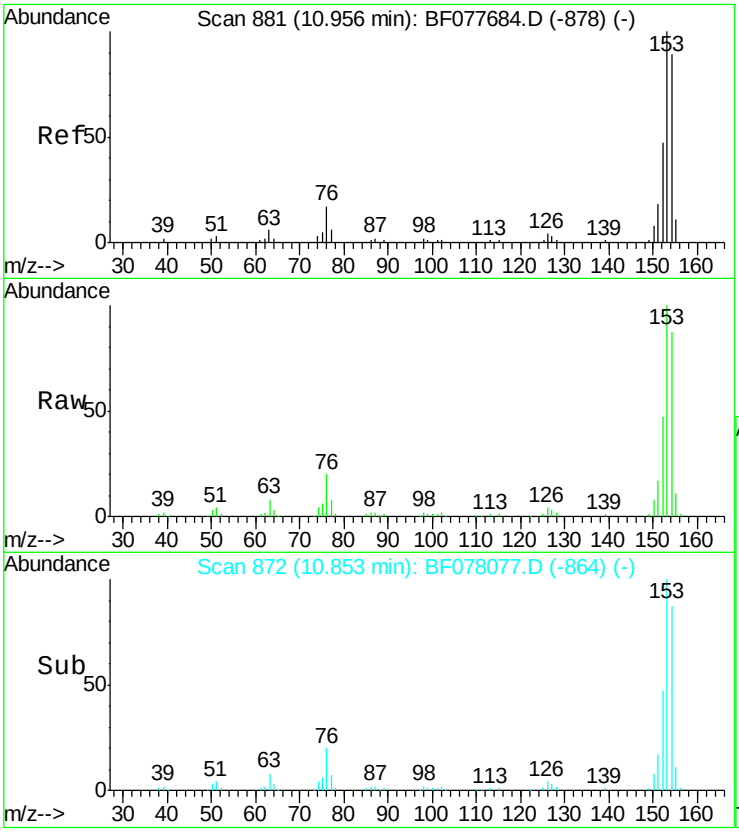


#50
2,6-Dinitrotoluene
Concen: 30.68 ng
RT: 10.58 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:165 Resp: 36756

Ion	Ratio	Lower	Upper
165	100		
63	54.7	44.1	66.1
89	56.8	44.3	66.5

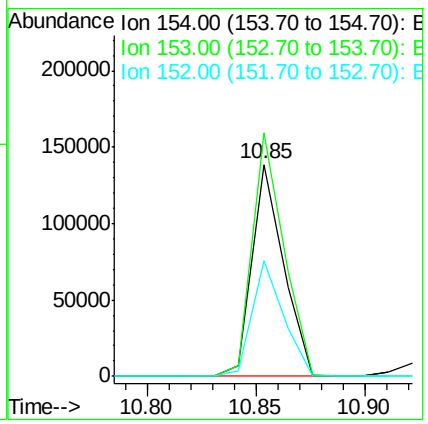




#51
Acenaphthene
Concen: 28.98 ng
RT: 10.85 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:154 Resp: 139907

Ion	Ratio	Lower	Upper
154	100		
153	114.9	90.0	135.0
152	54.3	42.6	63.8



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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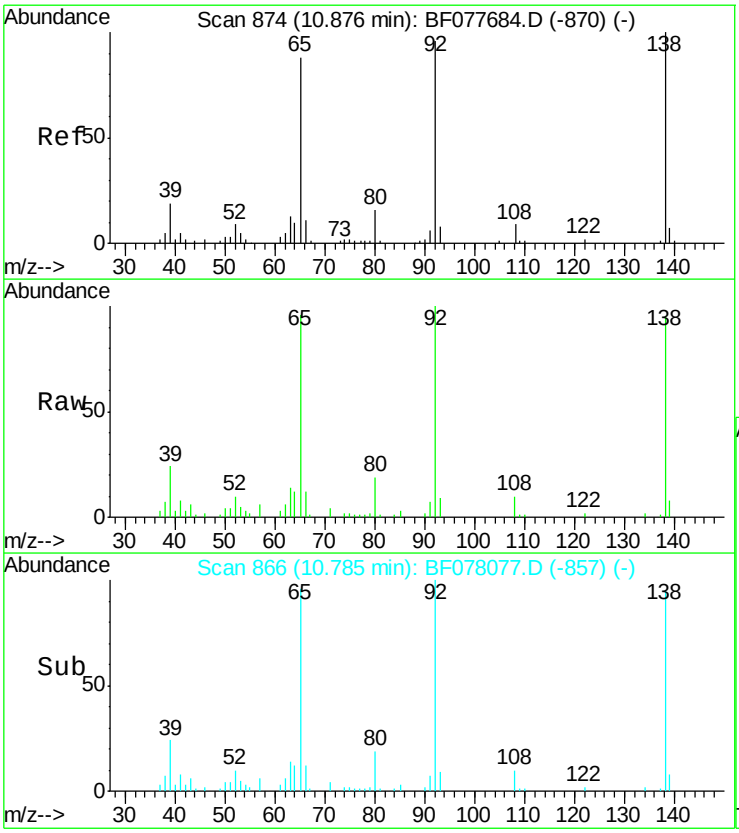
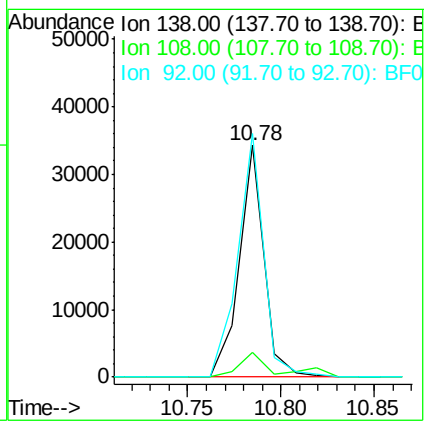
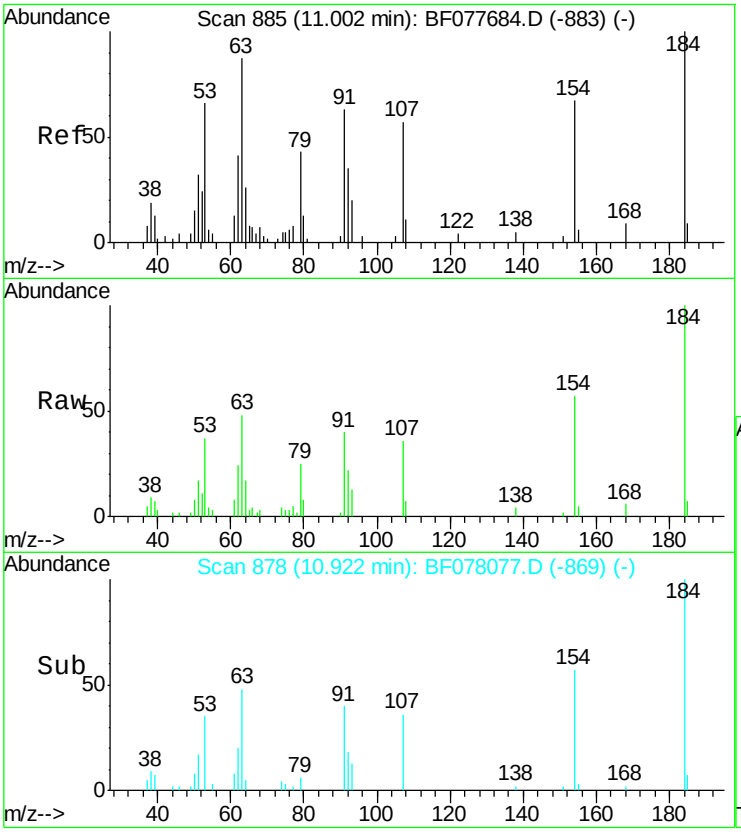


#52
3-Nitroaniline
Concen: 22.87 ng
RT: 10.78 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:138 Resp: 31822

Ion	Ratio	Lower	Upper
138	100		
108	10.6	7.3	10.9
92	105.1	76.6	114.8

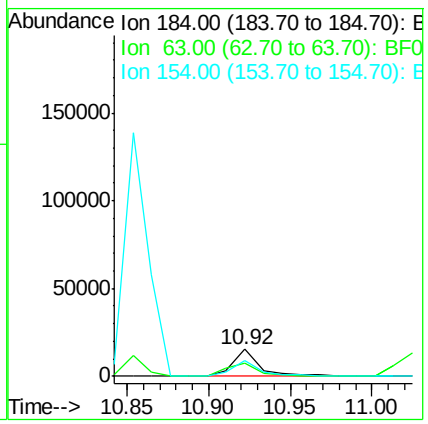




#53
2,4-Dinitrophenol
Concen: 43.49 ng
RT: 10.92 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:184 Resp: 17346

Ion	Ratio	Lower	Upper
184	100		
63	47.9	69.2	103.8#
154	57.2	53.3	79.9



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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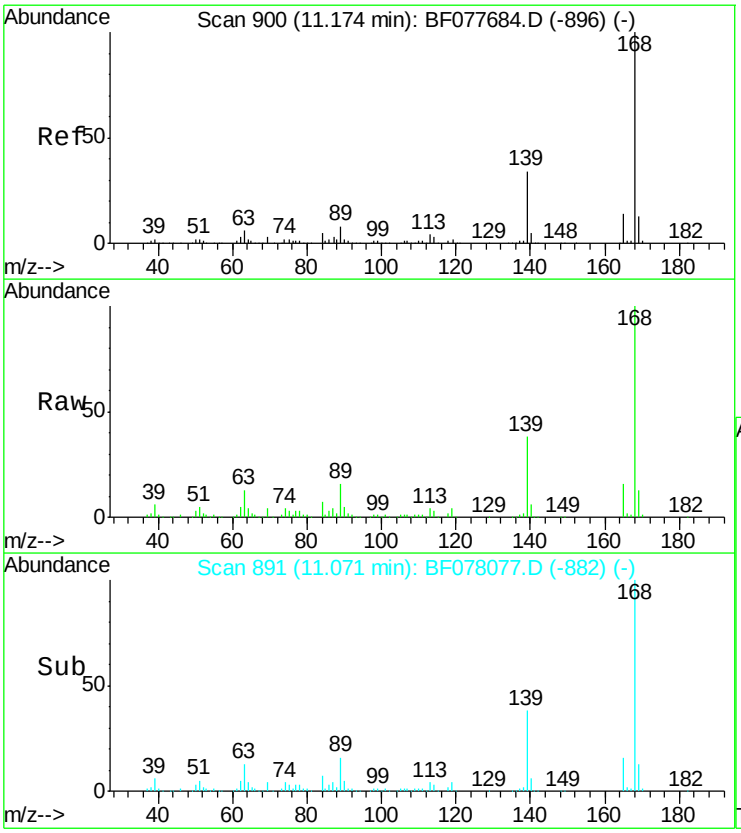
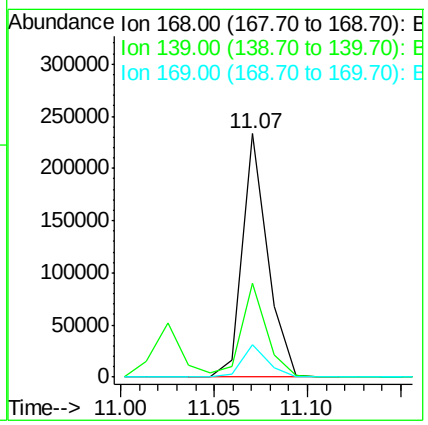
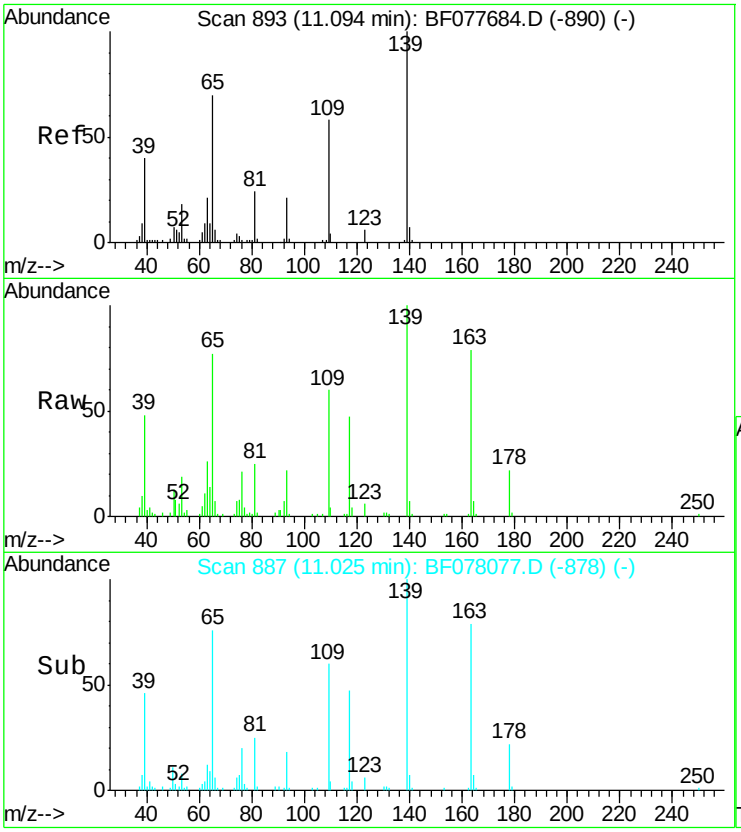


#54
Dibenzofuran
Concen: 30.52 ng
RT: 11.07 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:168 Resp: 218510

Ion	Ratio	Lower	Upper
168	100		
139	38.3	27.3	40.9
169	13.2	10.6	16.0

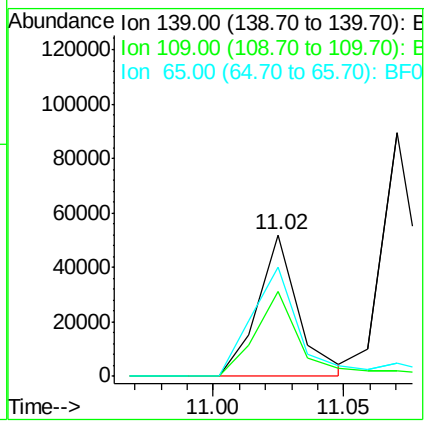




#55
4-Nitrophenol
Concen: 54.95 ng
RT: 11.02 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:139 Resp: 56648

Ion	Ratio	Lower	Upper
139	100		
109	60.2	37.7	77.7
65	77.0	49.9	89.9



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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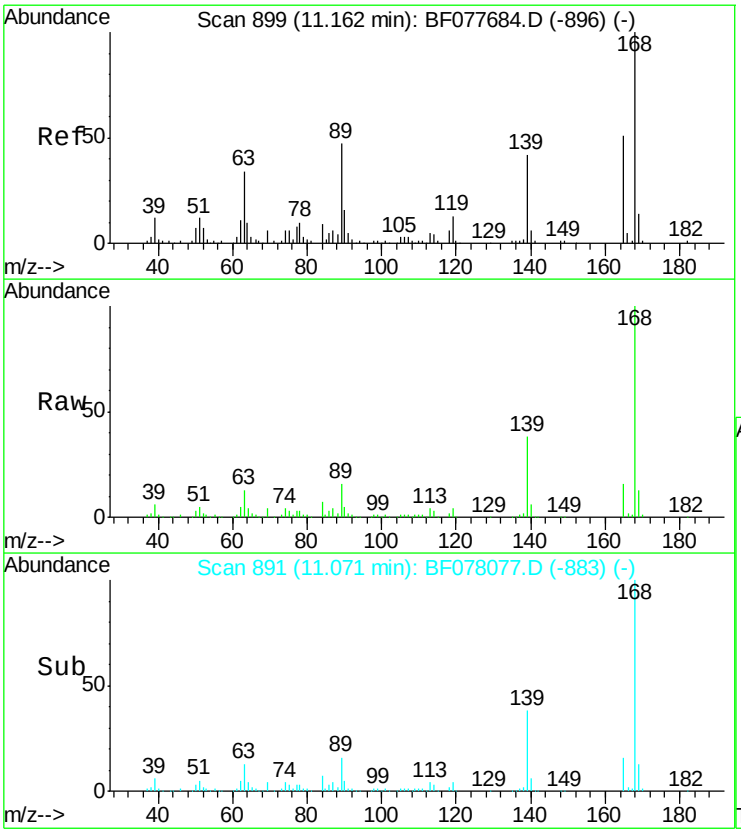
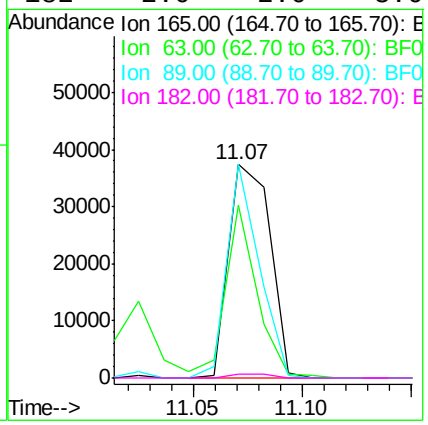
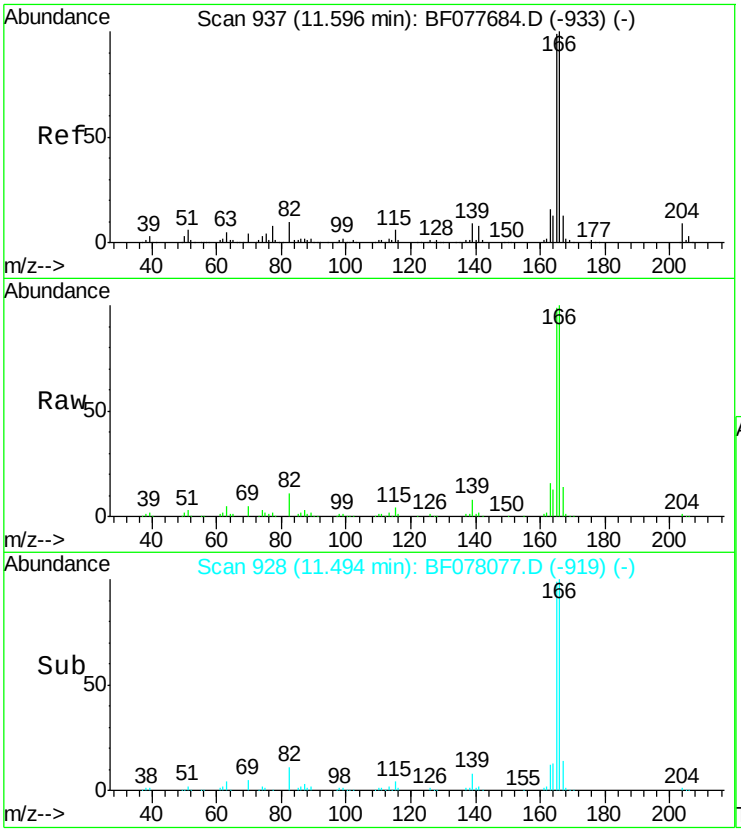


#56
2,4-Dinitrotoluene
Concen: 31.72 ng
RT: 11.07 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:165 Resp: 49555

Ion	Ratio	Lower	Upper
165	100		
63	81.0	52.4	78.6#
89	100.1	72.4	108.6
182	2.0	2.0	3.0

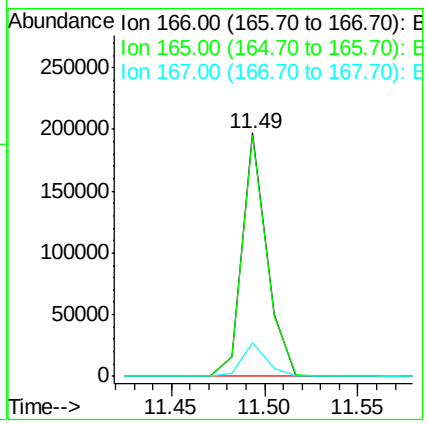




#57
Fluorene
Concen: 30.43 ng
RT: 11.49 min Scan# 928
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:166 Resp: 180926

Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.0	118.4
167	13.7	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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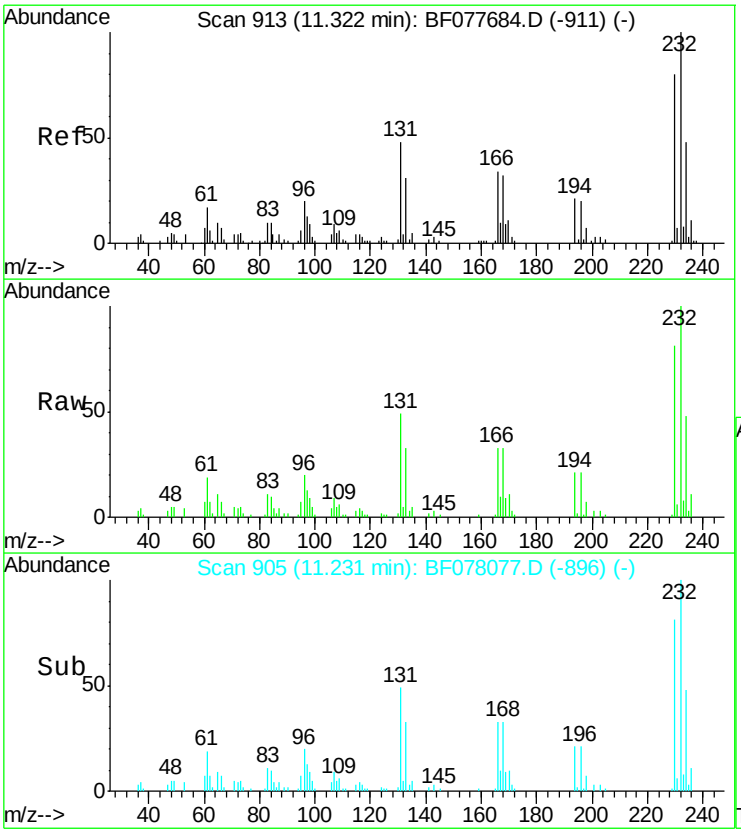
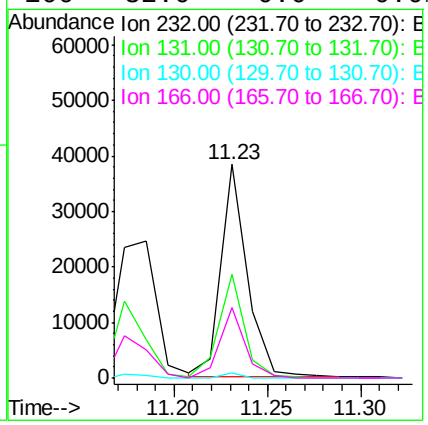
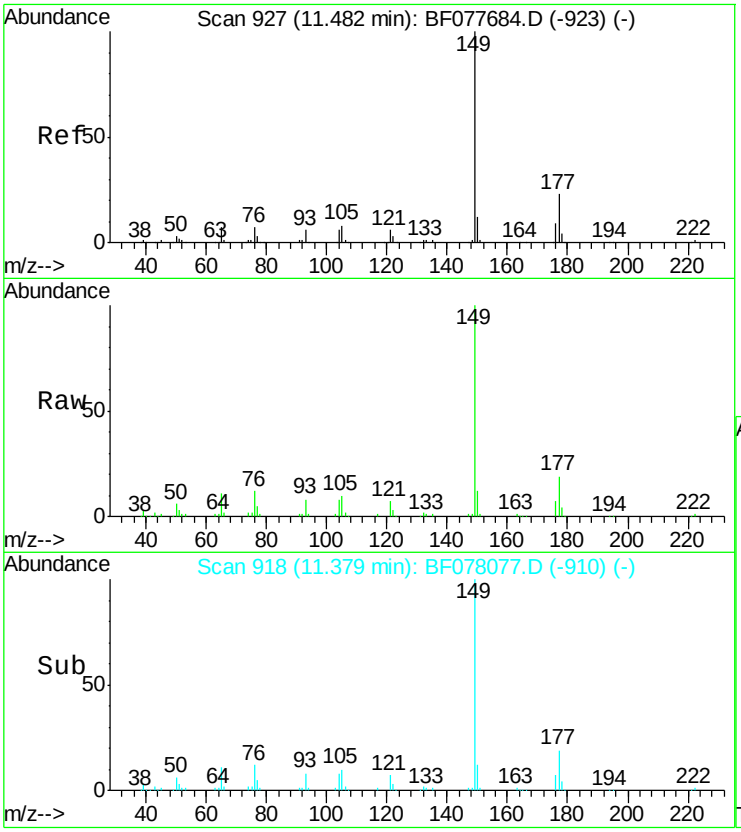


#58
2,3,4,6-Tetrachlorophenol
Concen: 28.13 ng
RT: 11.23 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:232 Resp: 37685

Ion	Ratio	Lower	Upper
232	100		
131	47.9	0.0	0.0#
130	1.7	0.0	0.0#
166	32.0	0.0	0.0#

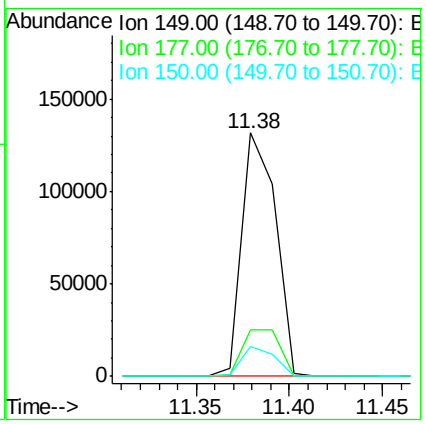




#59
Diethylphthalate
Concen: 29.42 ng
RT: 11.38 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:149 Resp: 165695

Ion	Ratio	Lower	Upper
149	100		
177	19.2	18.3	27.5
150	12.2	9.8	14.8



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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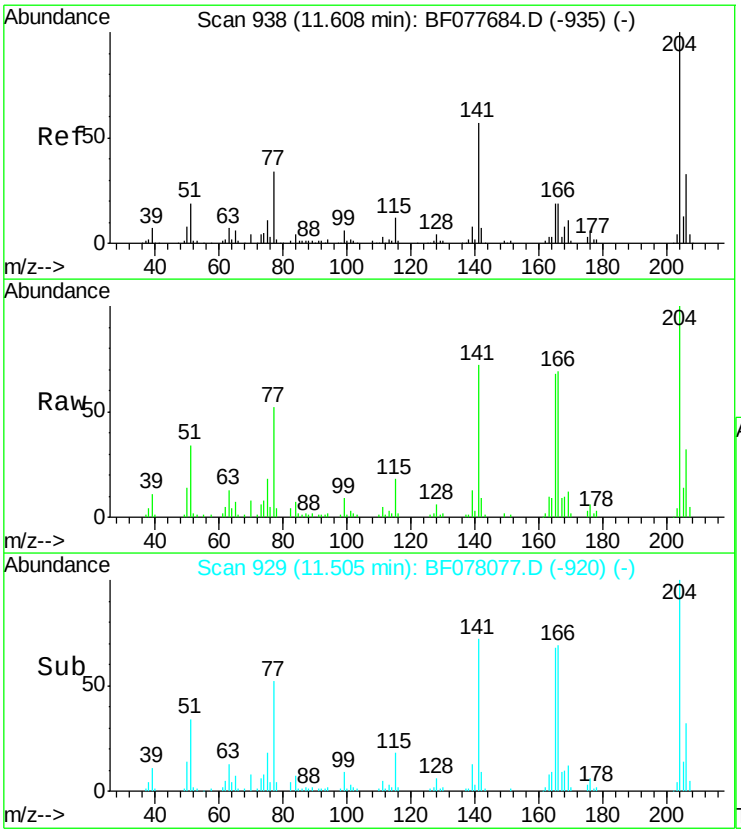
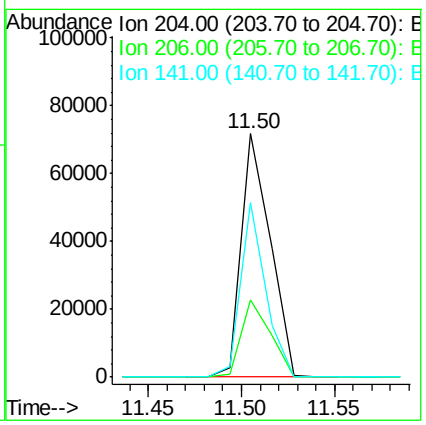
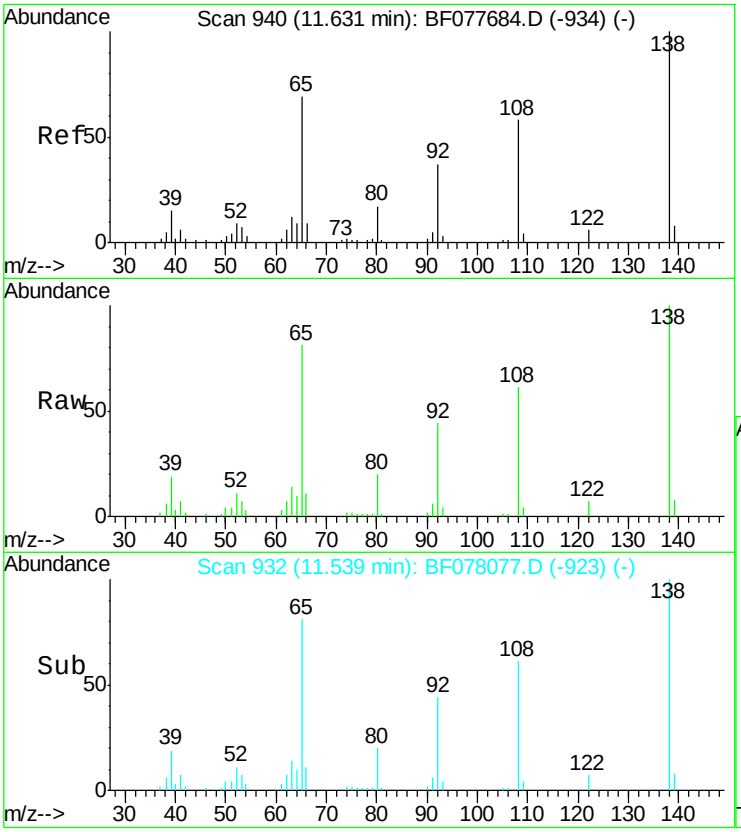


#60
4-Chlorophenyl-phenylether
Concen: 28.48 ng
RT: 11.50 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:204 Resp: 77269

Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.6	39.8
141	71.7	45.2	67.8#

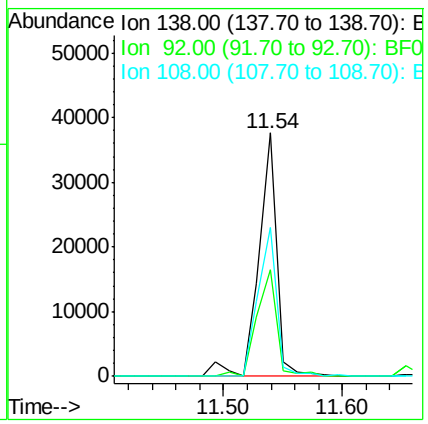




#61
4-Nitroaniline
Concen: 28.97 ng
RT: 11.54 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:138 Resp: 40182

Ion	Ratio	Lower	Upper
138	100		
92	44.1	16.7	56.7
108	61.1	37.6	77.6



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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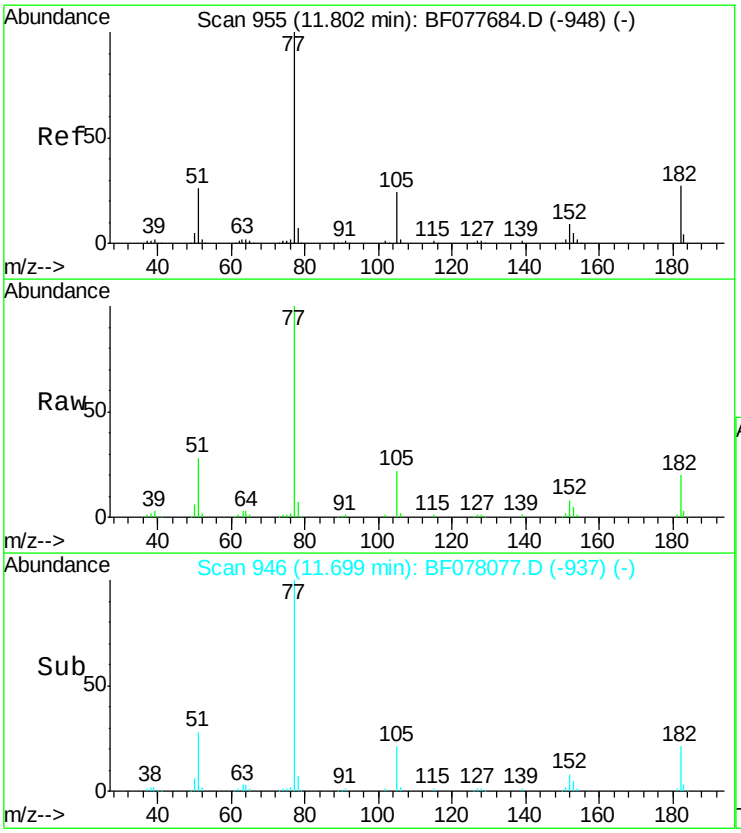
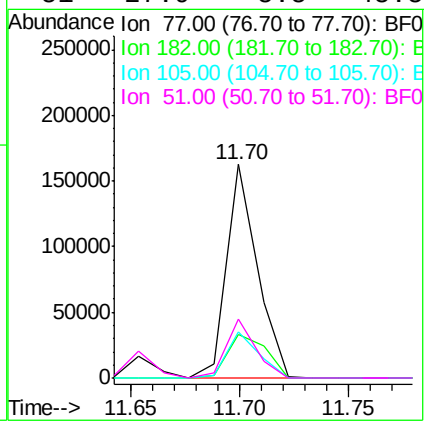
3/30/2015 6:31:22 PM

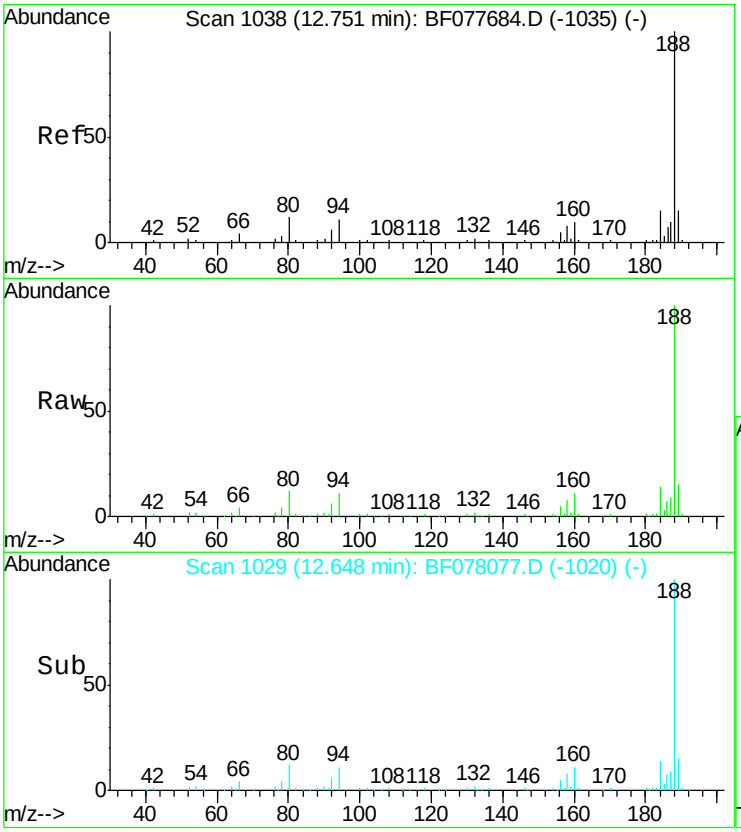


#62
Azobenzene
Concen: 29.57 ng
RT: 11.70 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion: 77 Resp: 159172

Ion	Ratio	Lower	Upper
77	100		
182	20.5	6.5	46.5
105	21.6	3.8	43.8
51	27.9	5.5	45.5





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.65 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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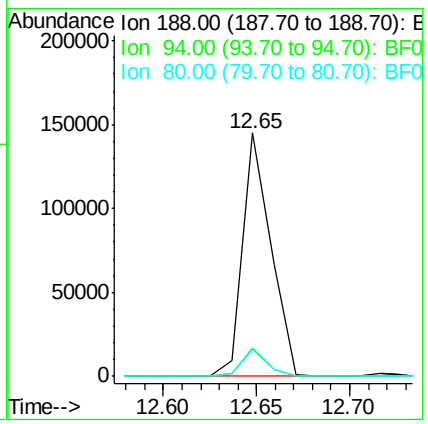
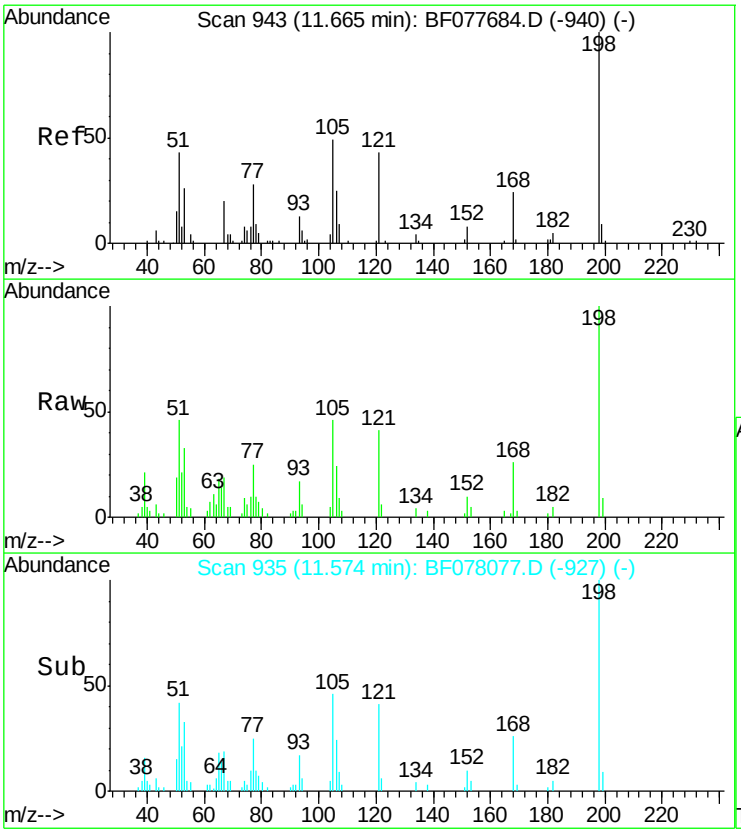
3/30/2015 6:31:22 PM

Tgt Ion:188 Resp: 152405

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.7	13.1
80	12.0	9.3	13.9

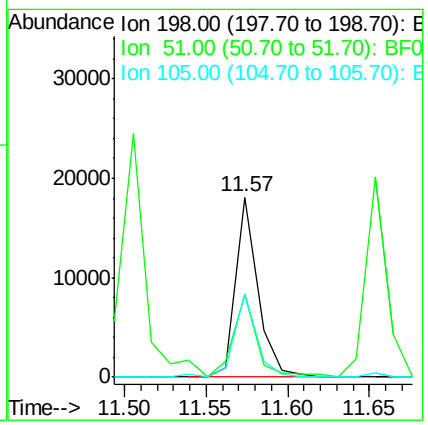


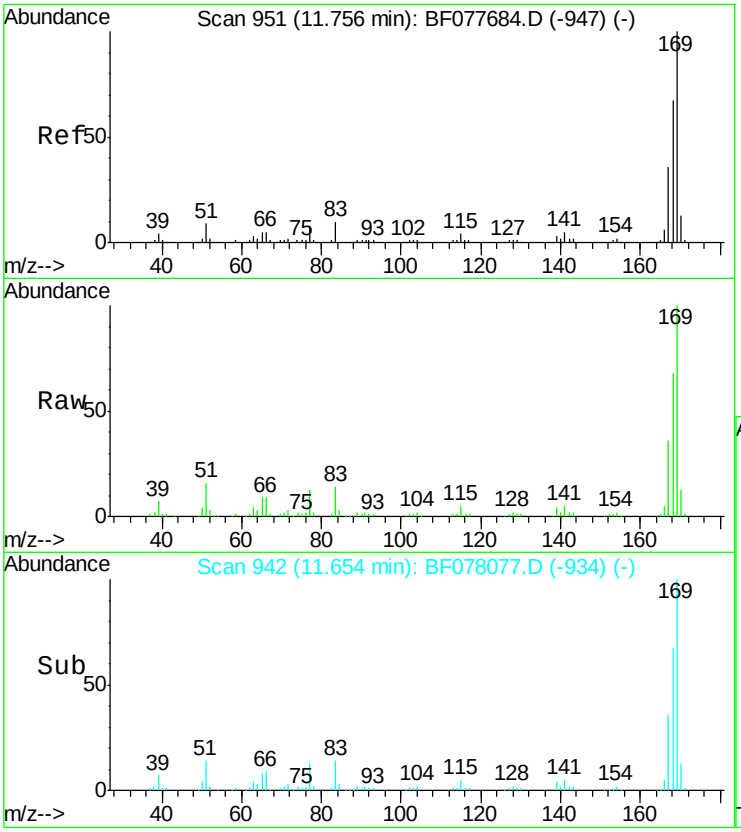


#64
4,6-Dinitro-2-methylphenol
Concen: 25.80 ng
RT: 11.57 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:198 Resp: 16997

Ion	Ratio	Lower	Upper
198	100		
51	45.7	28.8	68.8
105	46.2	30.5	70.5

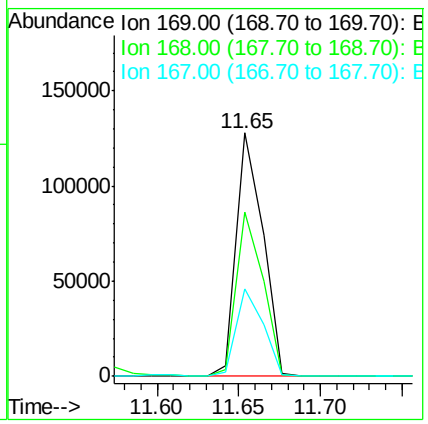




#65
n-Nitrosodiphenylamine
Concen: 28.24 ng
RT: 11.65 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:169 Resp: 143290

Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.9	80.9
167	35.9	28.9	43.3



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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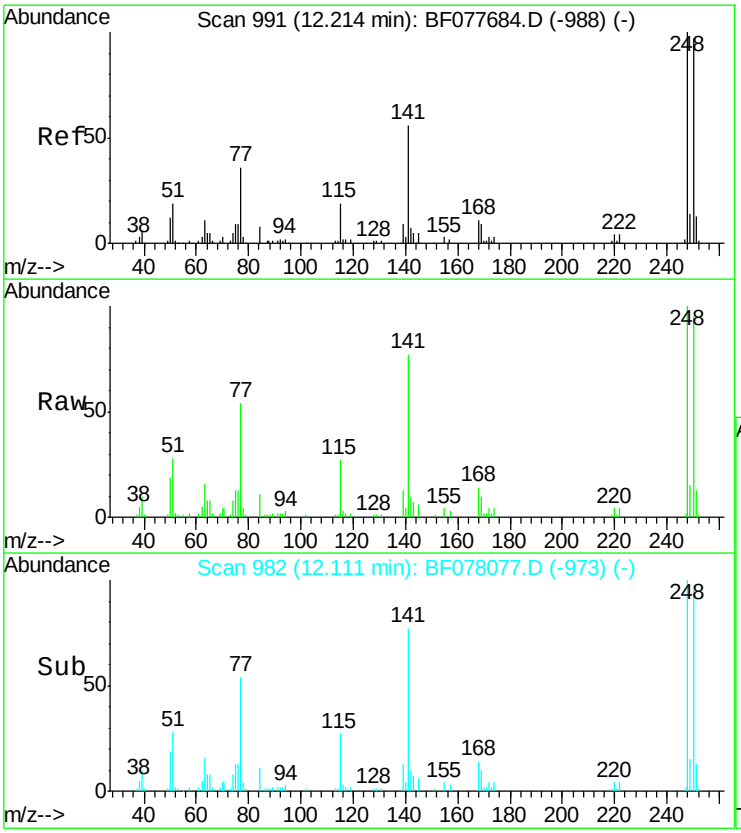
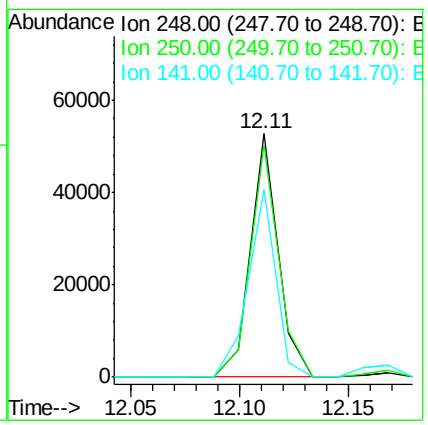
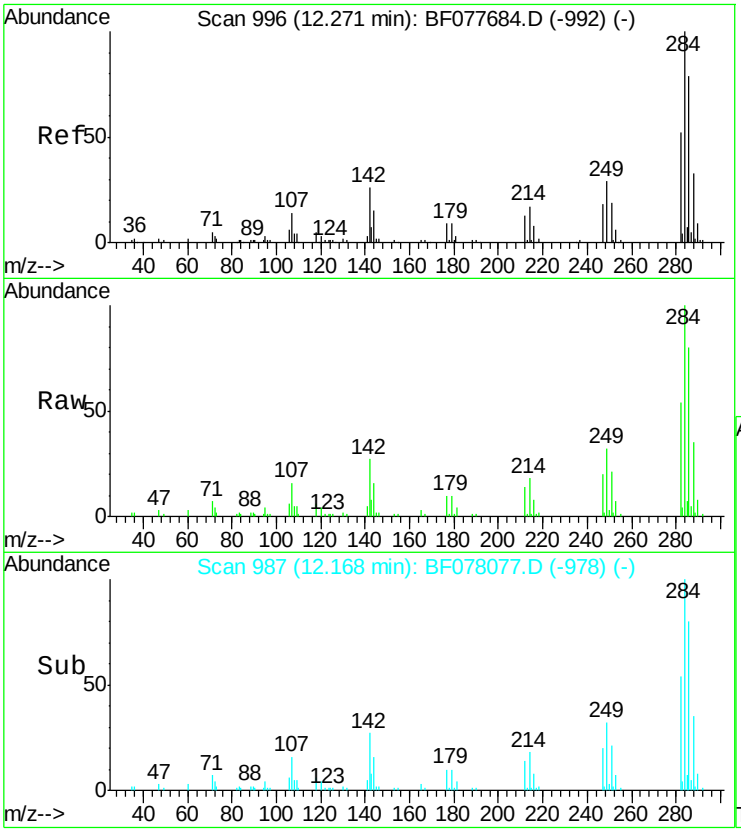


#66
4-Bromophenyl-phenylether
Concen: 28.82 ng
RT: 12.11 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:248 Resp: 46875

Ion	Ratio	Lower	Upper
248	100		
250	95.4	77.4	116.0
141	76.8	45.2	67.8#

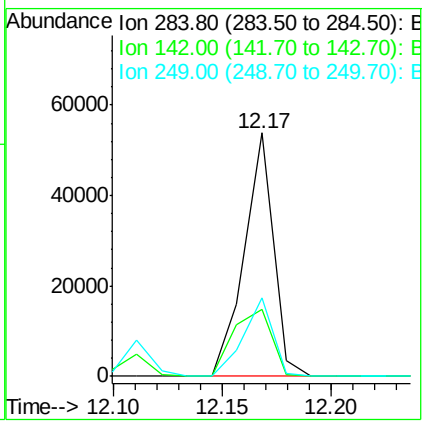




#67
Hexachlorobenzene
Concen: 28.12 ng
RT: 12.17 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:284 Resp: 50263

Ion	Ratio	Lower	Upper
284	100		
142	27.4	20.4	30.6
249	32.0	23.8	35.6



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

Manual Integrations APPROVED
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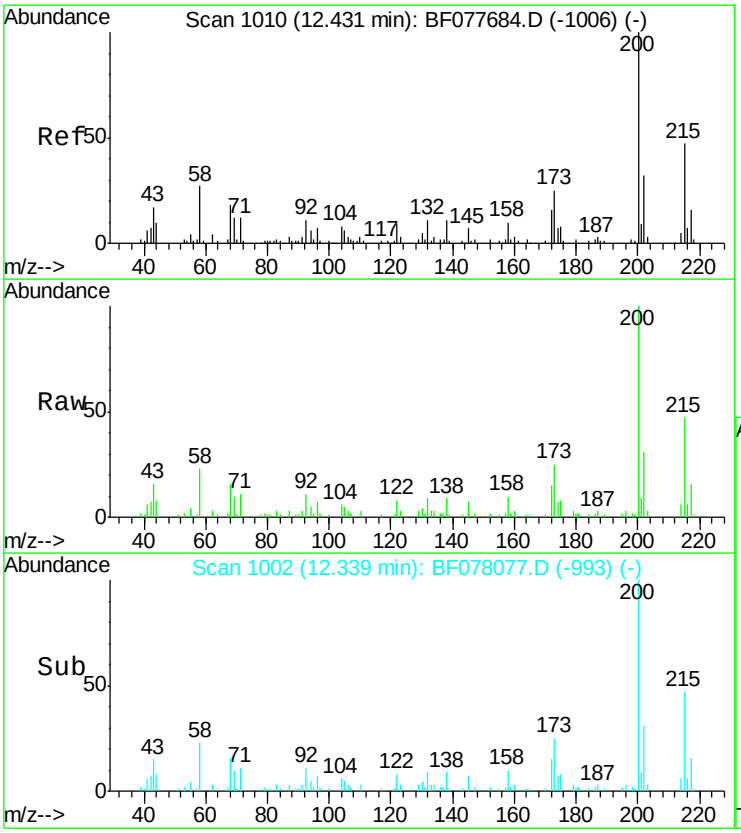
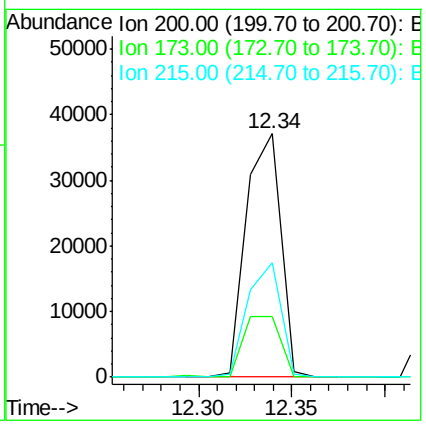
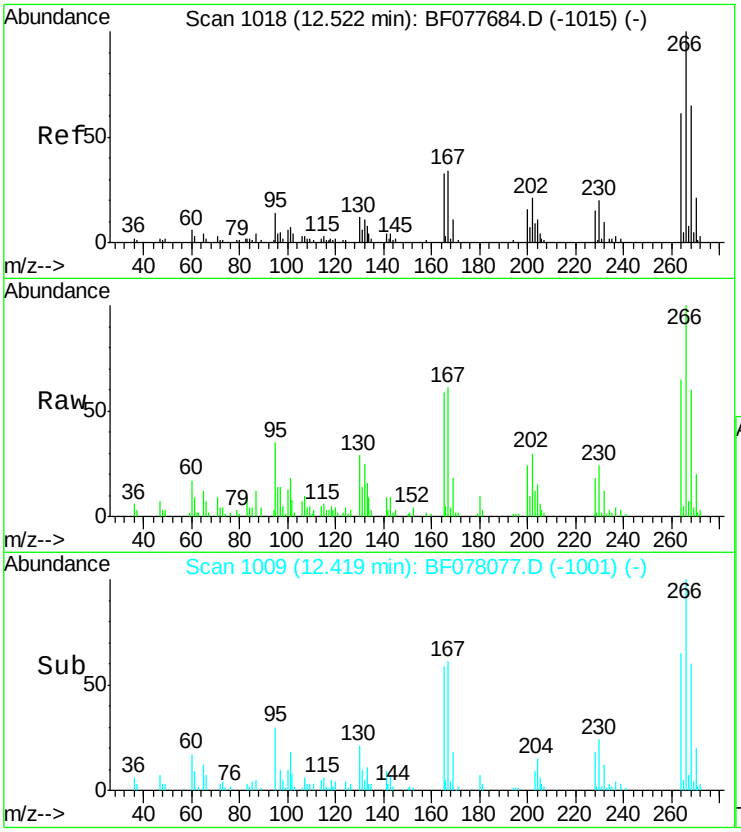


#68
Atrazine
Concen: 33.47 ng
RT: 12.34 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:200 Resp: 47603

Ion	Ratio	Lower	Upper
200	100		
173	24.9	4.8	44.8
215	47.2	26.9	66.9

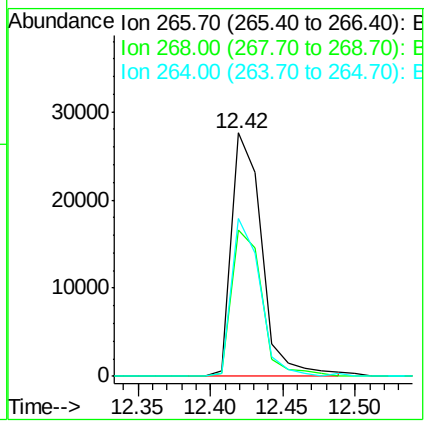




#69
Pentachlorophenol
Concen: 44.37 ng
RT: 12.42 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:266 Resp: 40195

Ion	Ratio	Lower	Upper
266	100		
268	60.4	52.0	78.0
264	65.1	49.0	73.4



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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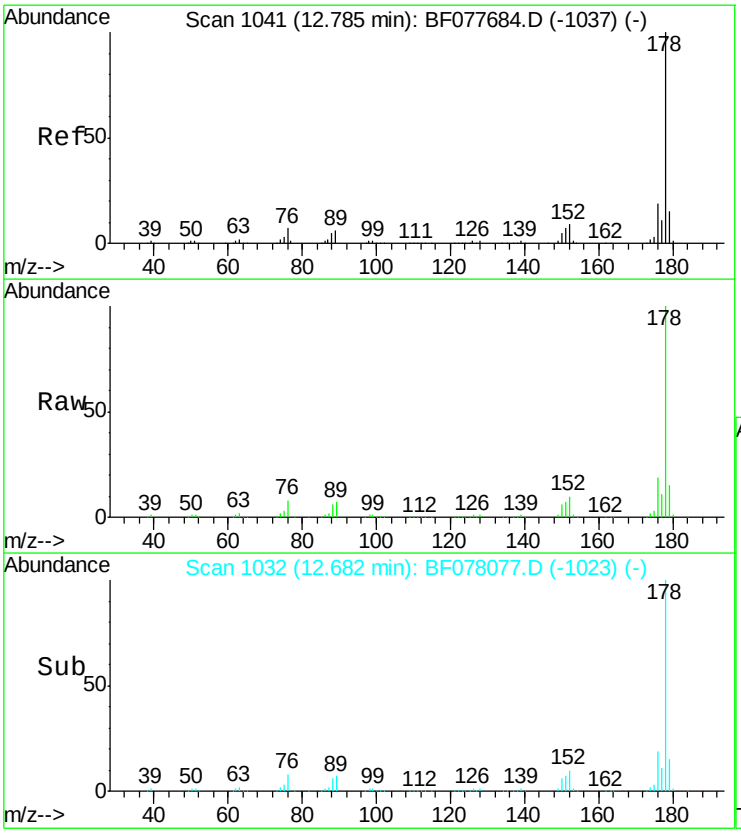
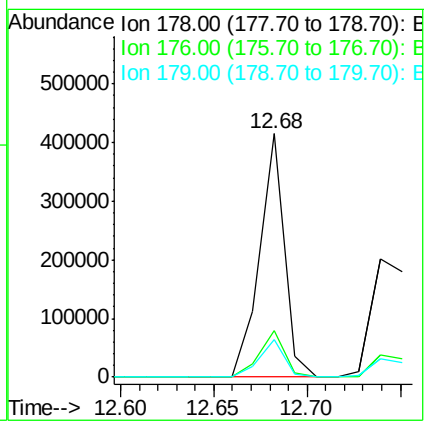
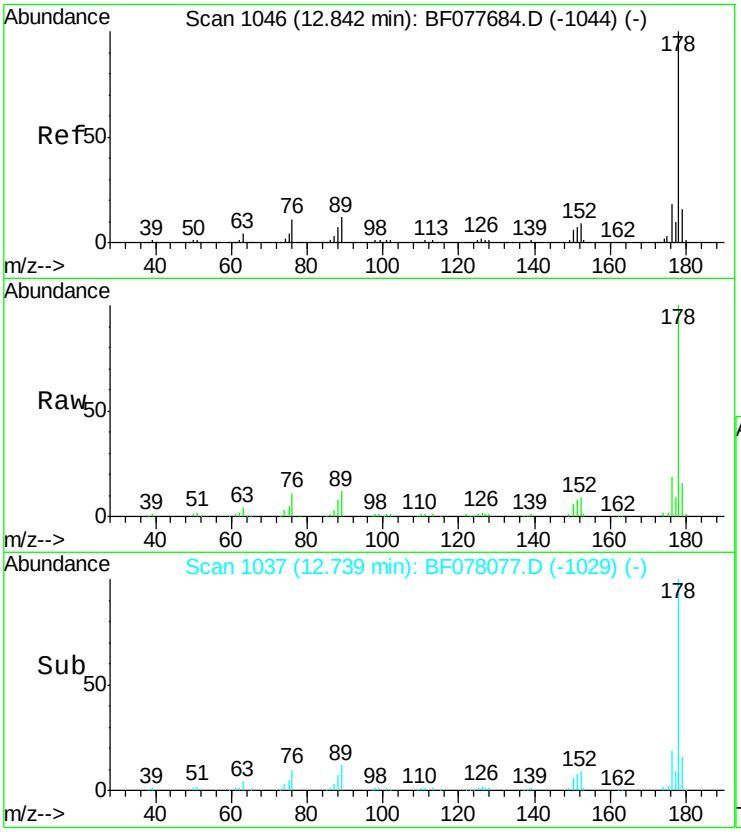


#70
Phenanthrene
Concen: 44.33 ng
RT: 12.68 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:178 Resp: 387872

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.2	22.8
179	15.3	12.1	18.1

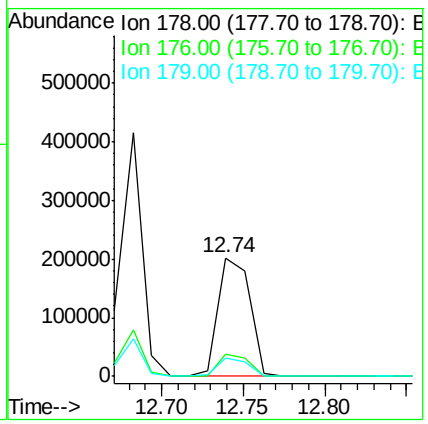




#71
Anthracene
Concen: 31.33 ng
RT: 12.74 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:178 Resp: 270790

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.8	12.6	19.0



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

Manual Integrations APPROVED
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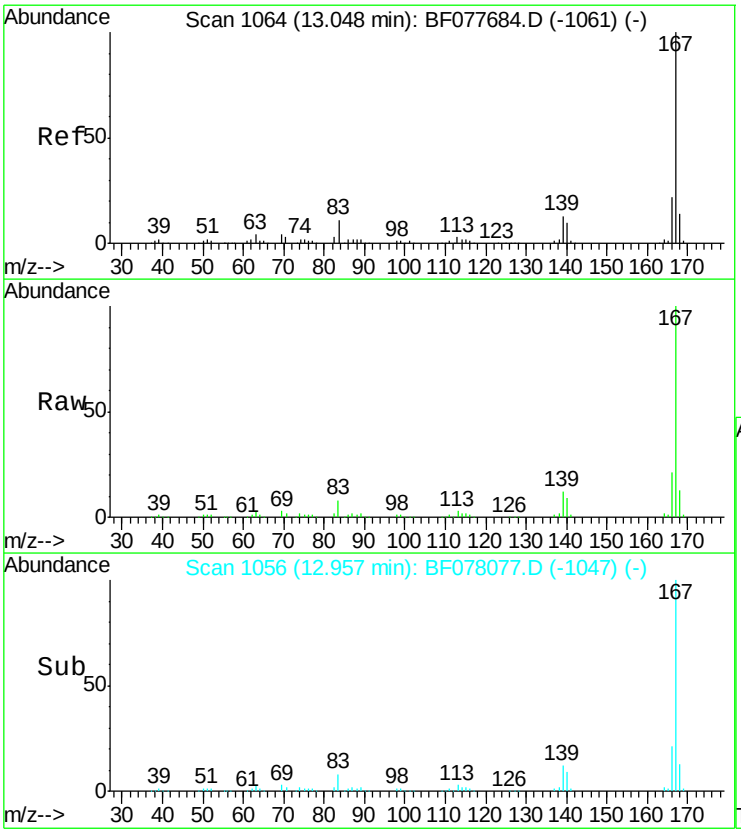
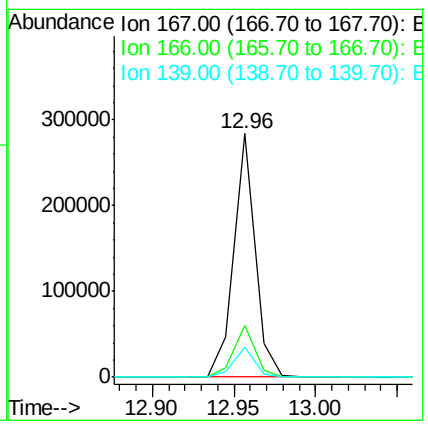
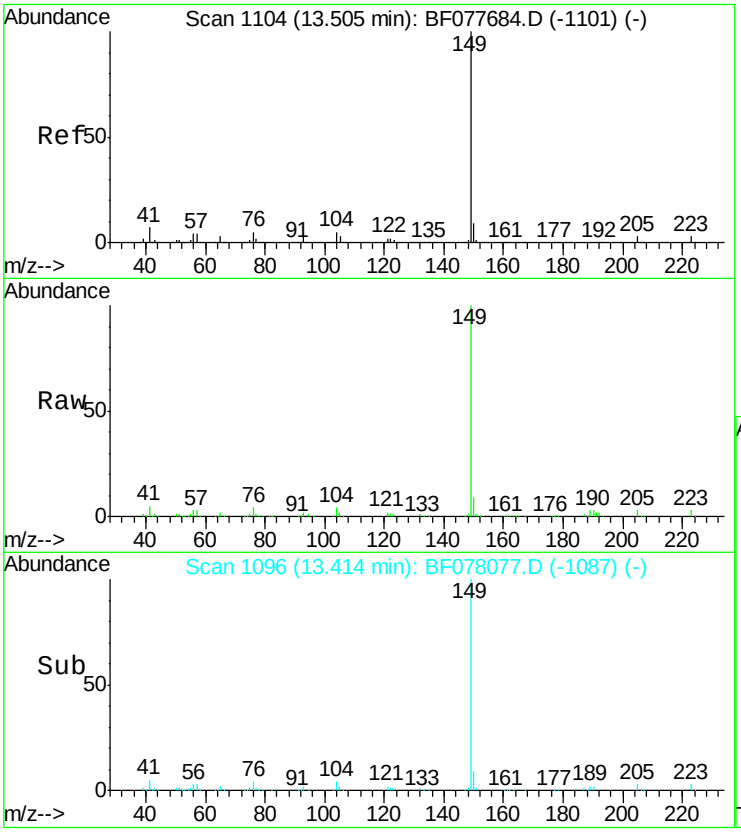


#72
Carbazole
Concen: 31.28 ng
RT: 12.96 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:167 Resp: 257178

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	12.3	10.8	16.2

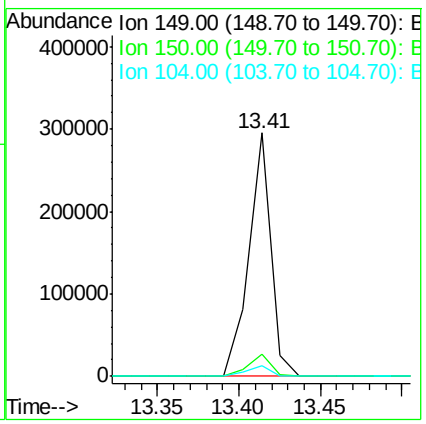




#73
Di-n-butylphthalate
Concen: 29.98 ng
RT: 13.41 min Scan# 1096
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:149 Resp: 276434

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	4.2	3.7	5.5



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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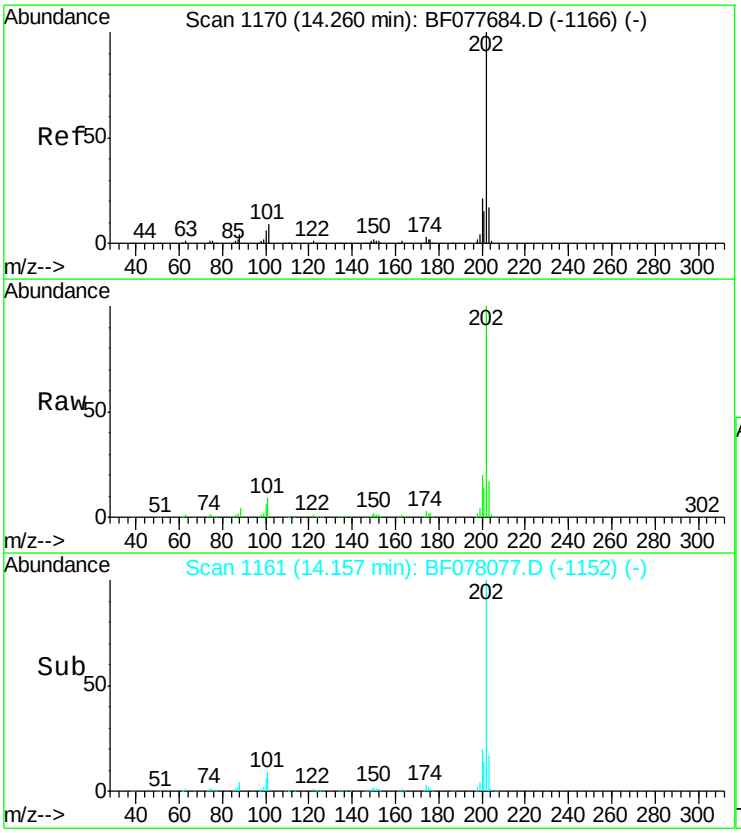
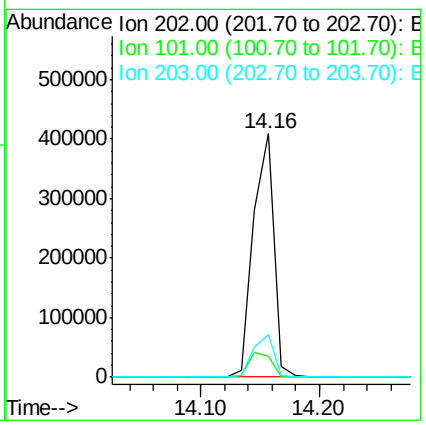
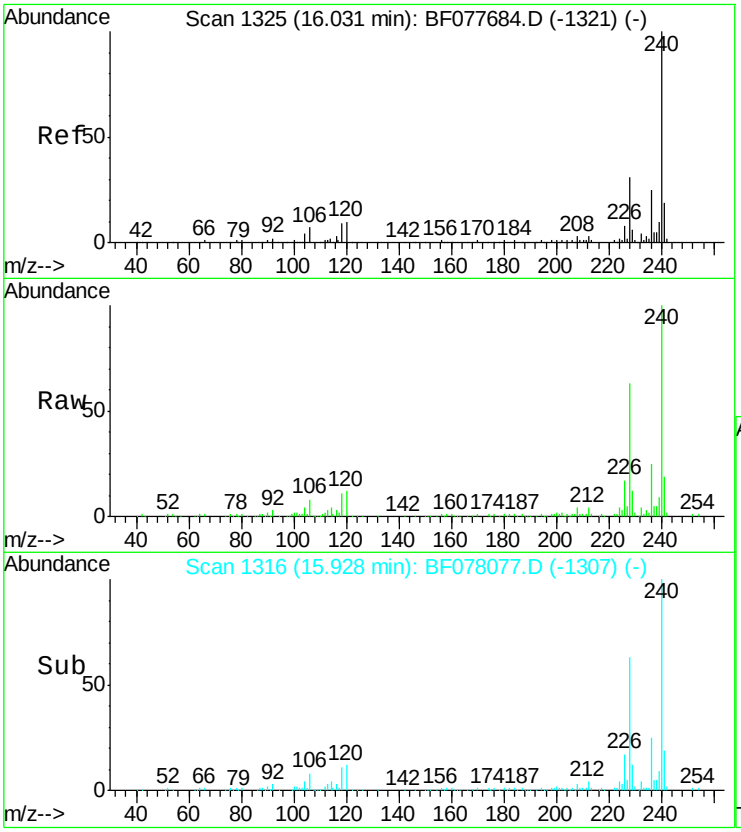


#74
Fluoranthene
Concen: 51.26 ng
RT: 14.16 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:202 Resp: 494714

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	28.7
203	17.3	0.0	37.2

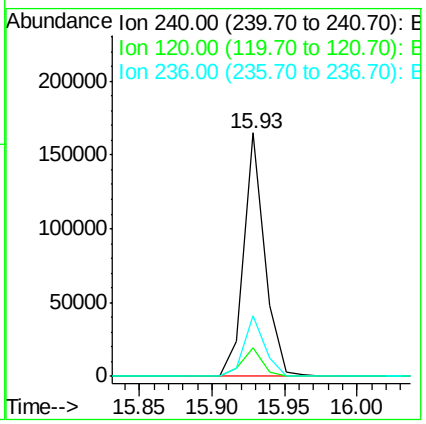




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.93 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:240 Resp: 165644

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.2	12.2
236	24.8	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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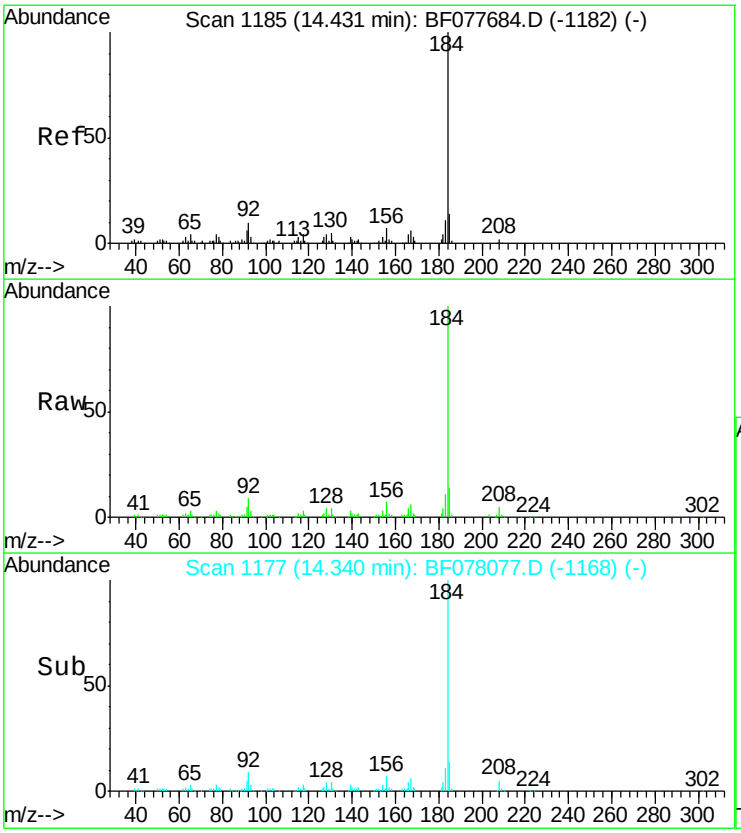
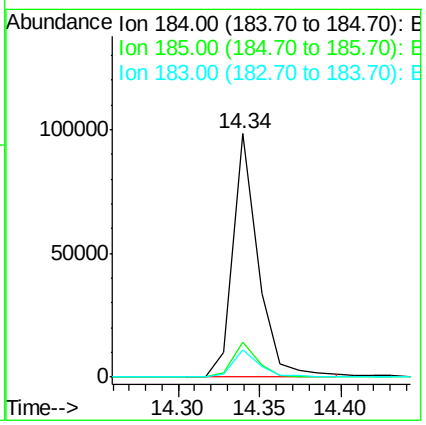
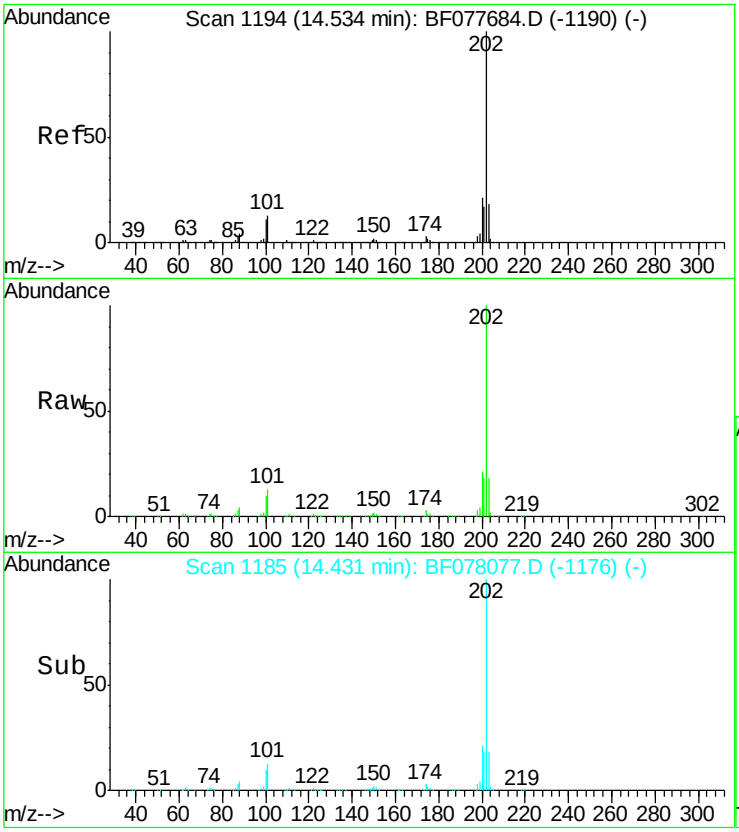


#76
Benzidine
Concen: 25.42 ng
RT: 14.34 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:184 Resp: 104891

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.3	16.9
183	11.3	8.9	13.3

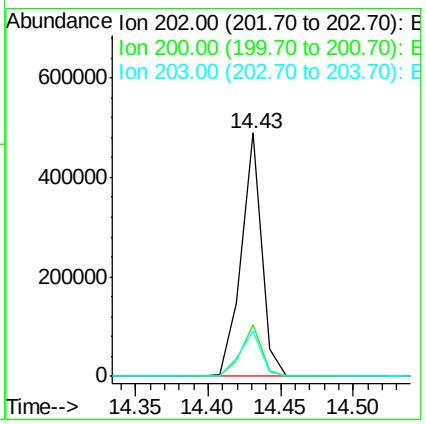




#77
Pyrene
Concen: 46.13 ng
RT: 14.43 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:202 Resp: 480511

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	18.4	14.1	21.1



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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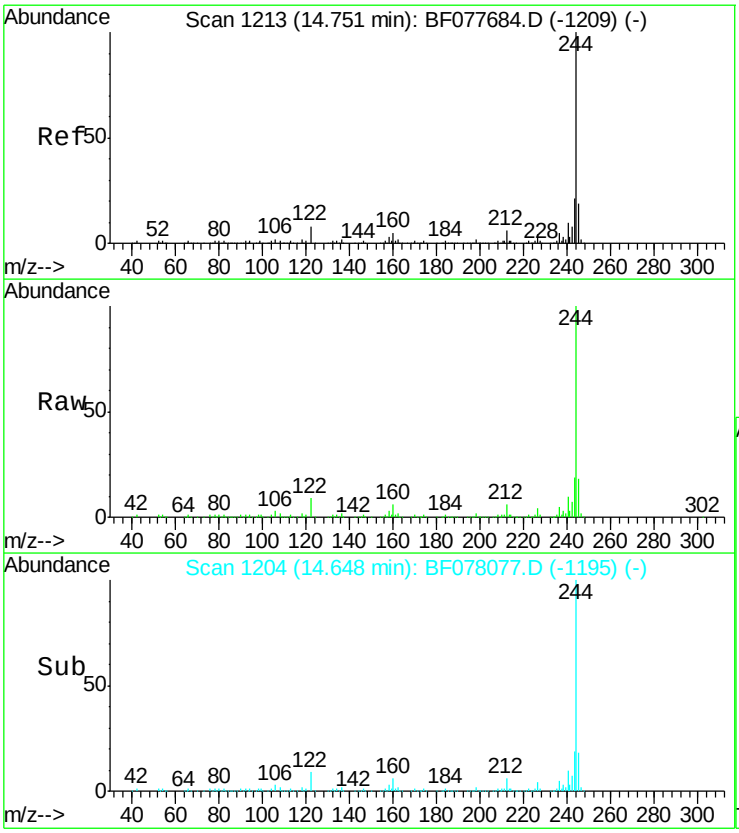
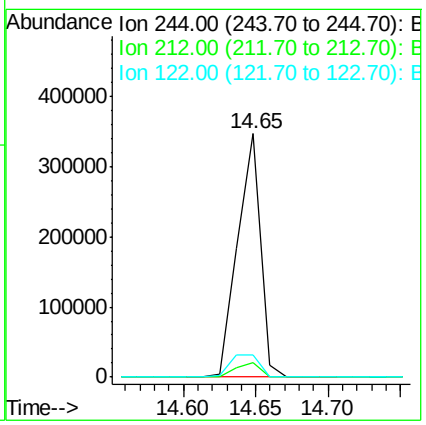
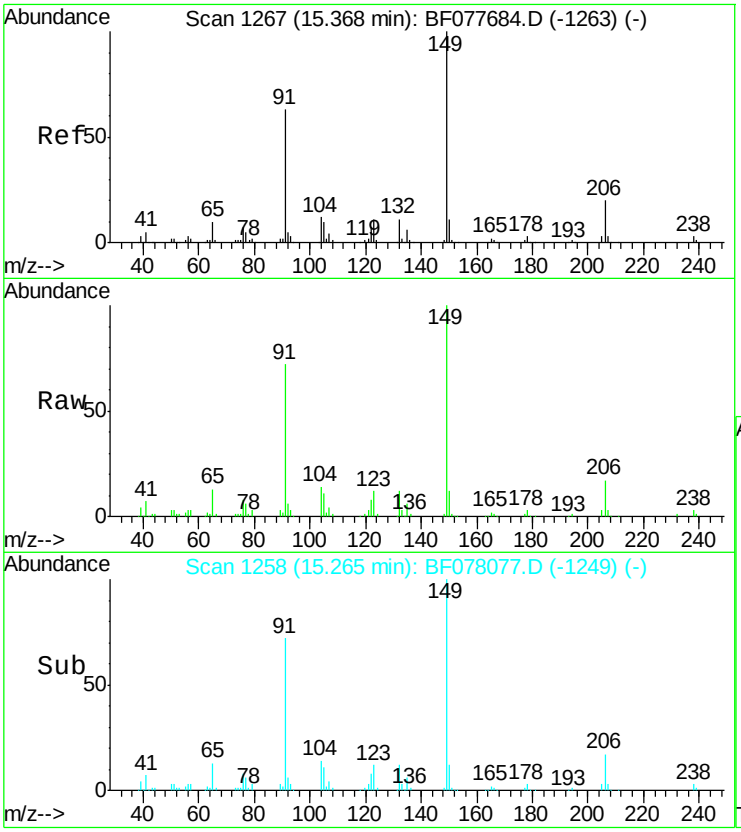


#78
Terphenyl-d14
Concen: 56.09 ng
RT: 14.65 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:244 Resp: 380342

Ion	Ratio	Lower	Upper
244	100		
212	6.0	4.9	7.3
122	8.9	6.2	9.4

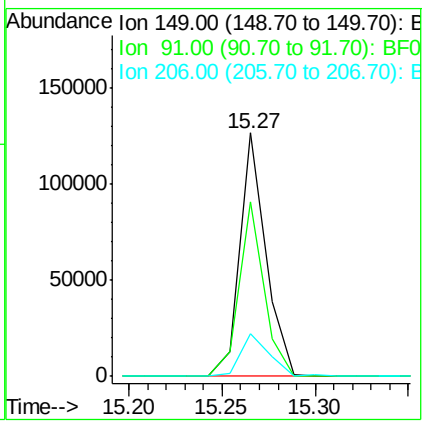




#79
Butylbenzylphthalate
Concen: 29.90 ng
RT: 15.27 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:149 Resp: 122777

Ion	Ratio	Lower	Upper
149	100		
91	71.8	50.1	75.1
206	17.3	16.2	24.2



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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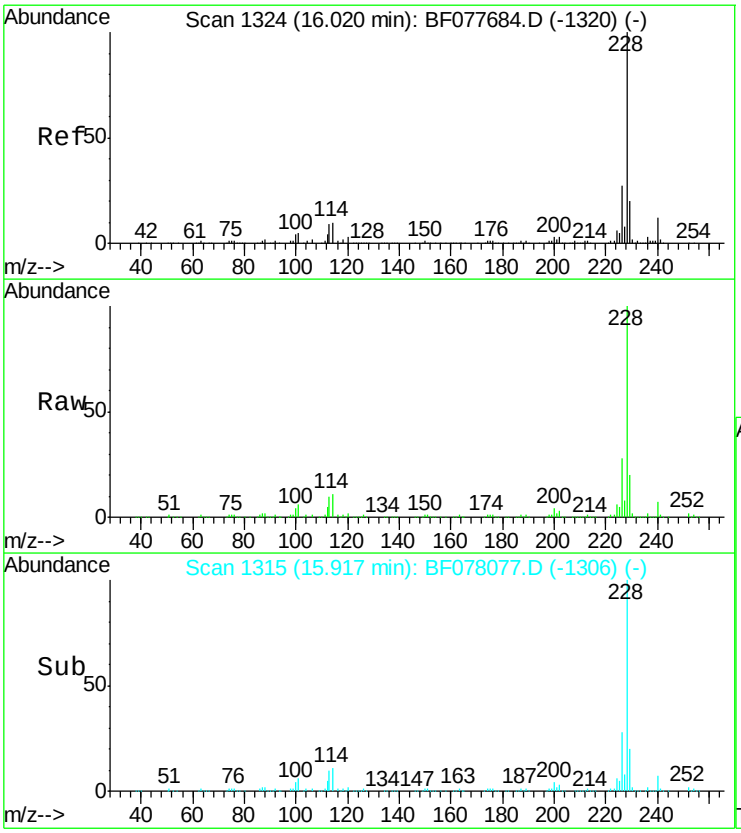
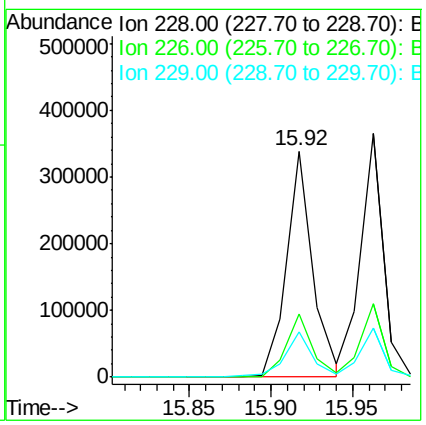
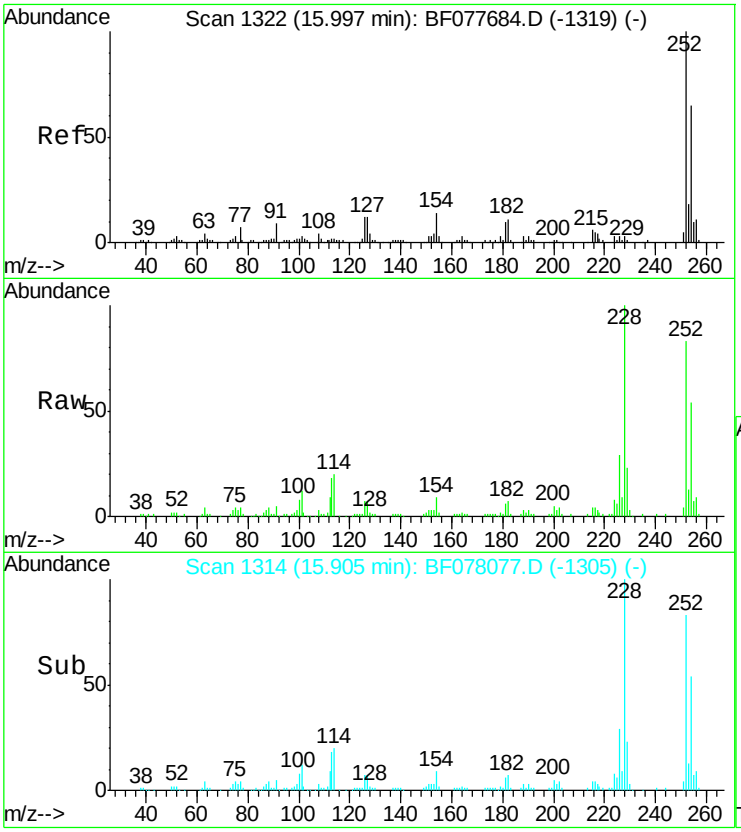


#80
Benzo(a)anthracene
Concen: 38.74 ng
RT: 15.92 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:228 Resp: 380347

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.7	32.5
229	20.2	16.0	24.0

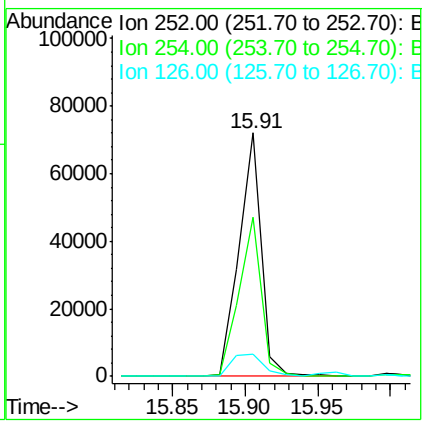




#81
3,3'-Dichlorobenzidine
Concen: 23.70 ng
RT: 15.91 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:252 Resp: 76766

Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.9	77.9
126	9.0	9.8	14.8#



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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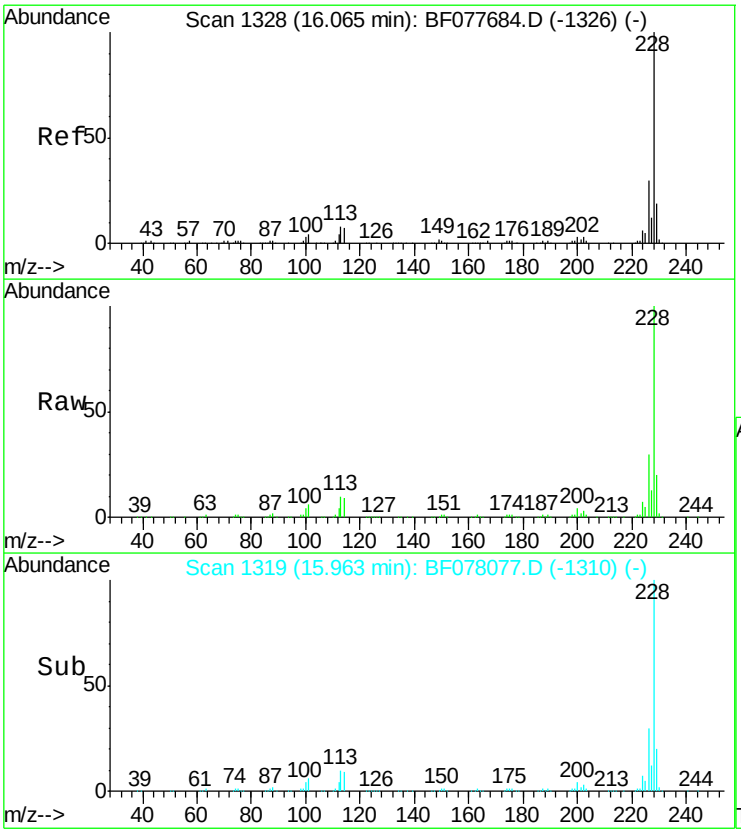
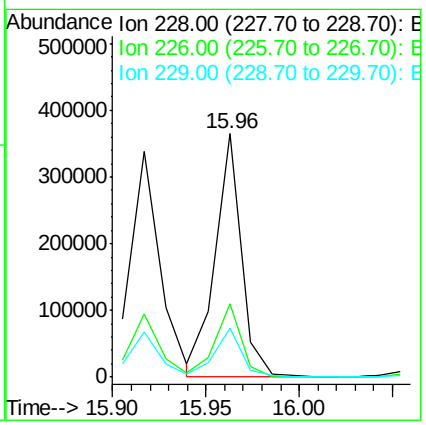
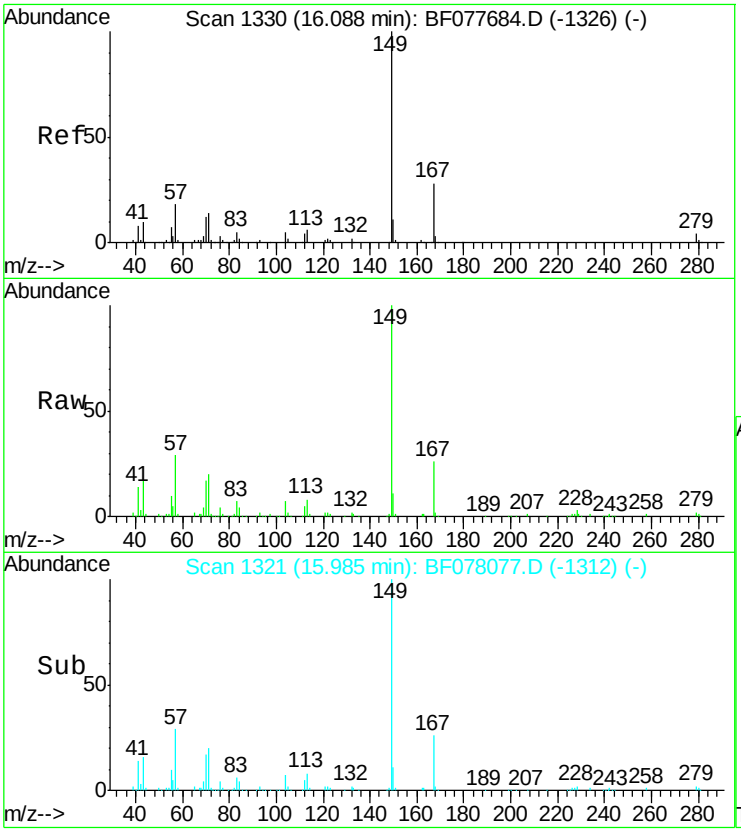


#82
Chrysene
Concen: 40.30 ng
RT: 15.96 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:228 Resp: 355777

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	20.2	15.5	23.3





#83
Bis(2-ethylhexyl)phthalate
Concen: 29.18 ng
RT: 15.99 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:149 Resp: 181531

Ion	Ratio	Lower	Upper
149	100		
167	25.6	22.4	33.6
279	2.3	3.4	5.0#

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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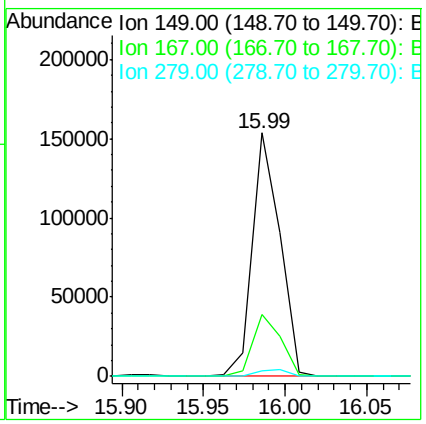
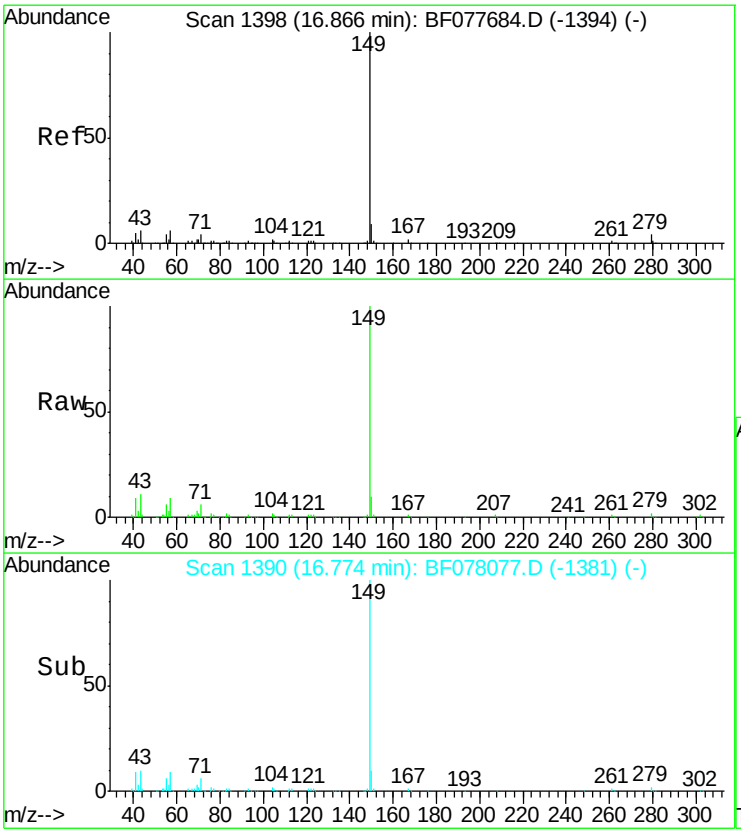
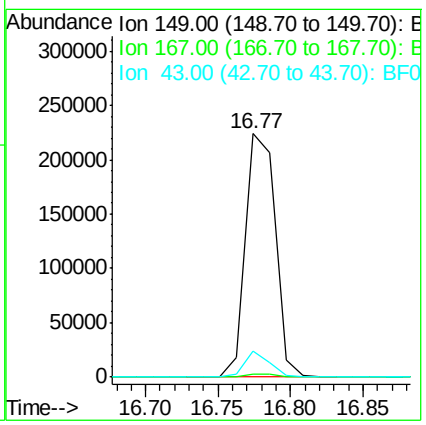


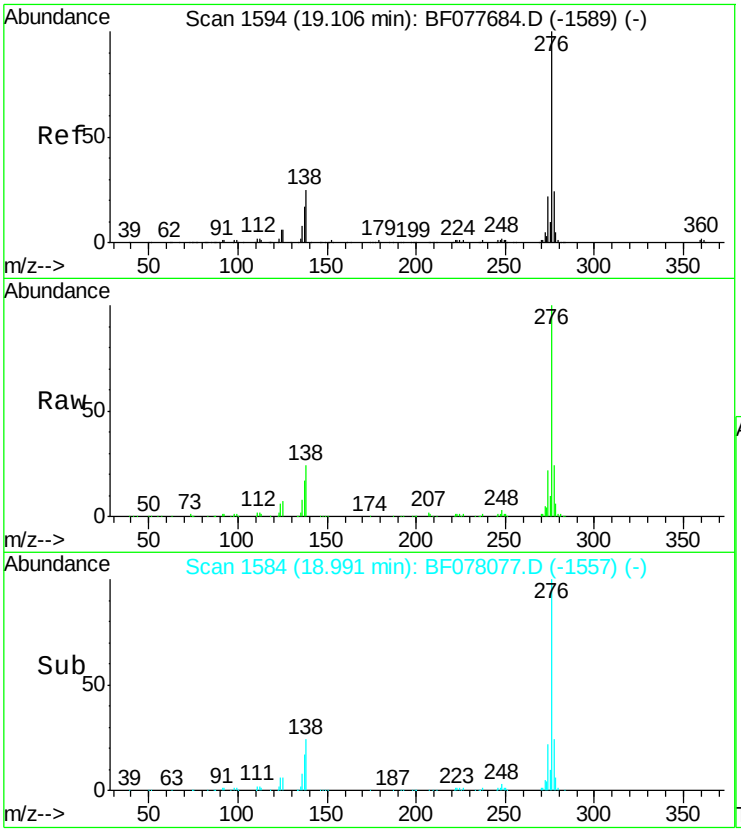


#84
Di-n-octyl phthalate
Concen: 29.90 ng
RT: 16.77 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:149 Resp: 318058

Ion	Ratio	Lower	Upper
149	100		
167	1.3	1.2	1.8
43	8.5	7.3	10.9





#85
Indeno(1,2,3-cd)pyrene
Concen: 33.62 ng
RT: 18.99 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:276 Resp: 370516

Ion	Ratio	Lower	Upper
276	100		
138	29.1	0.0	0.0#
277	26.7	0.0	0.0#

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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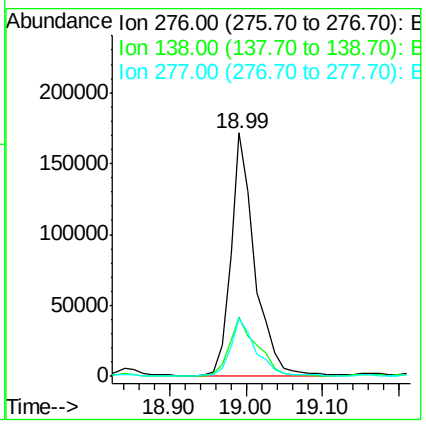
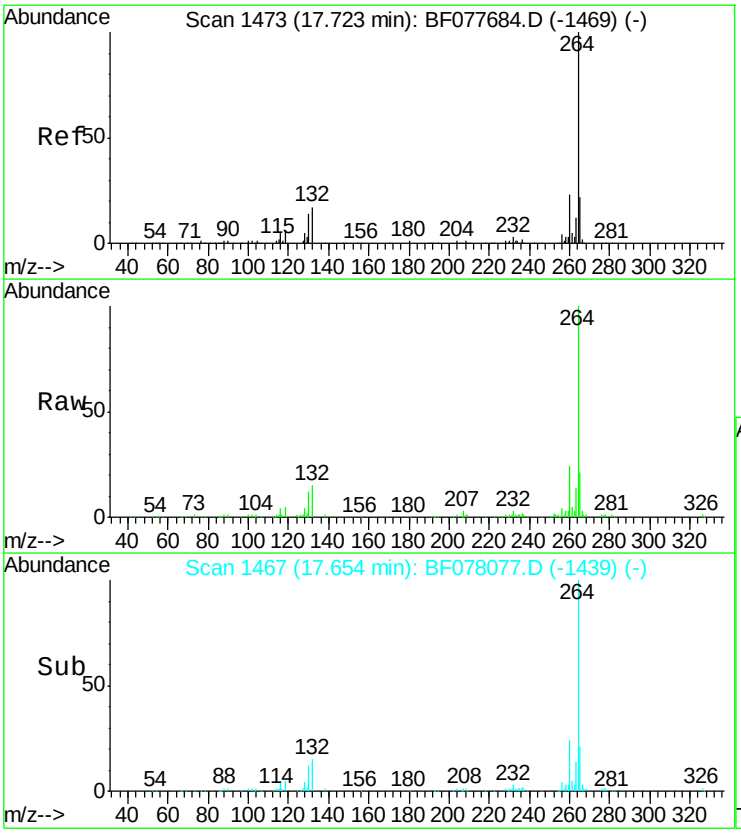
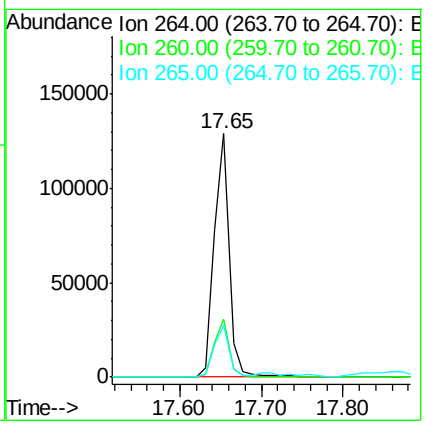


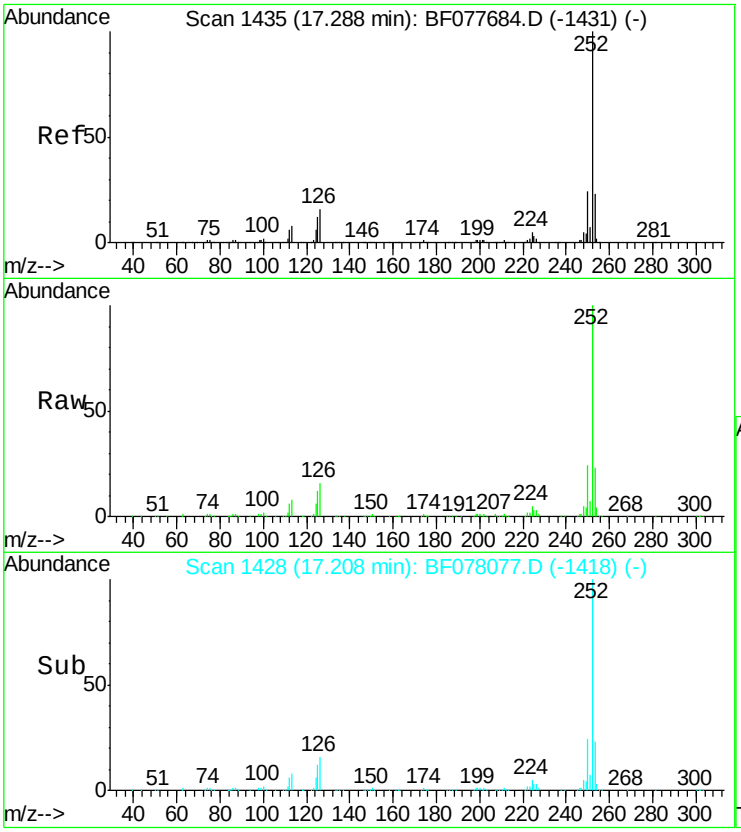


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.65 min Scan# 1467
Delta R.T. 0.02 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:264 Resp: 164155

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.4	17.3	25.9

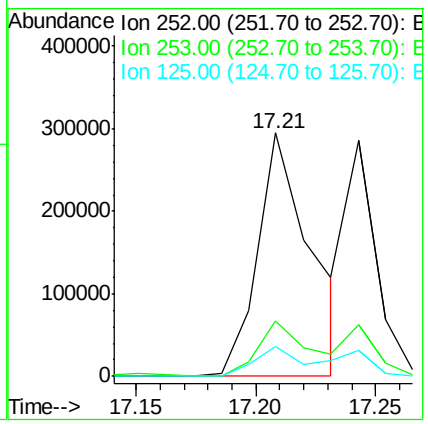




#87
Benzo(b)fluoranthene
Concen: 42.31 ng m
RT: 17.21 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:252 Resp: 453410

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	12.0	9.9	14.9



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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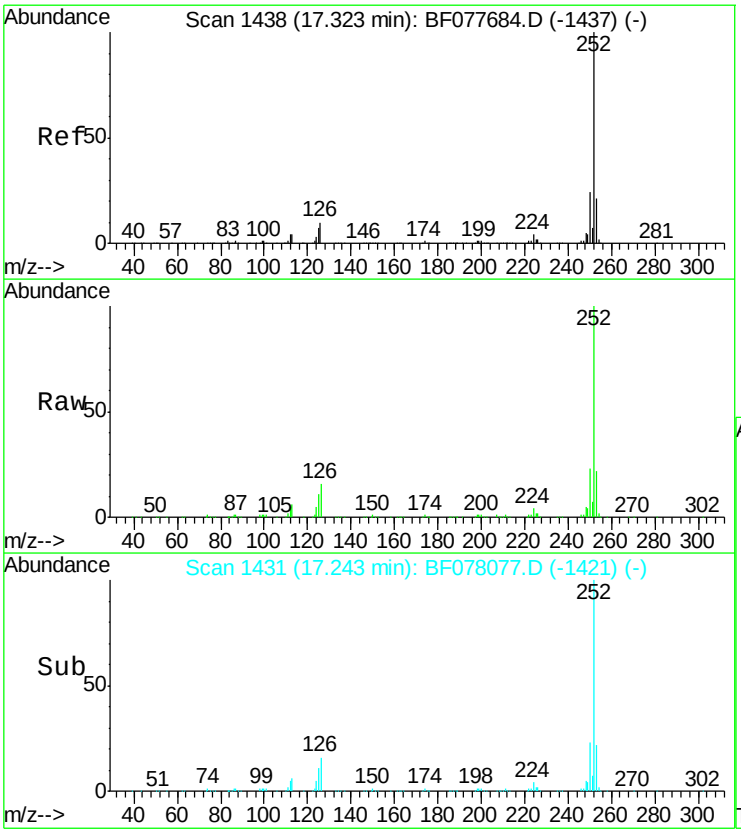
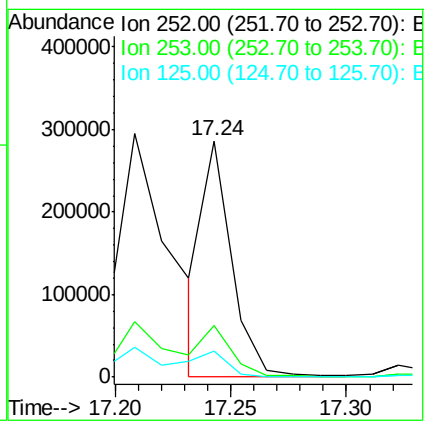
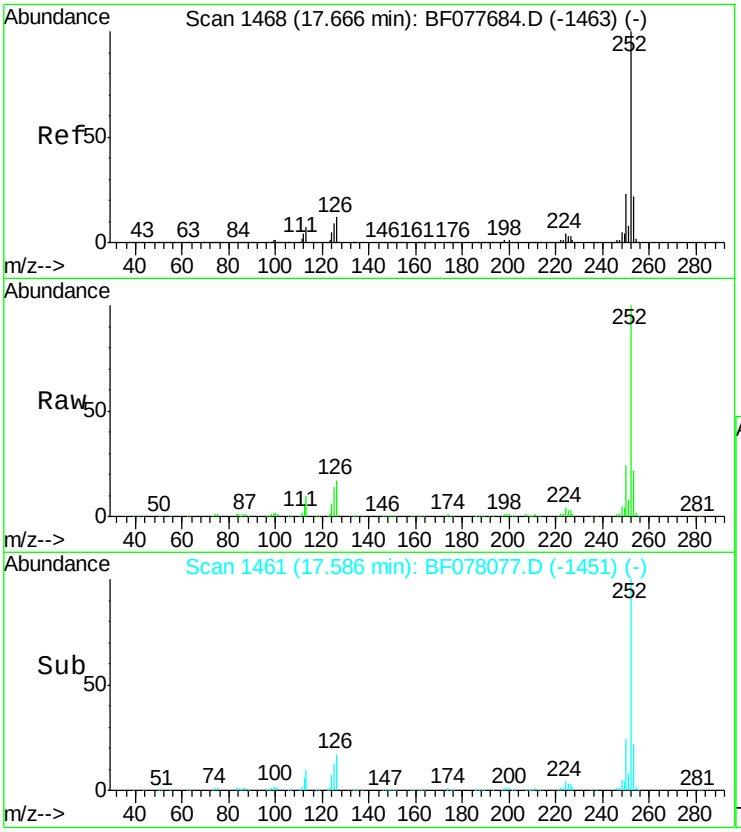


#88
Benzo(k)fluoranthene
Concen: 30.48 ng m
RT: 17.24 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:252 Resp: 255125

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	11.0	8.1	12.1

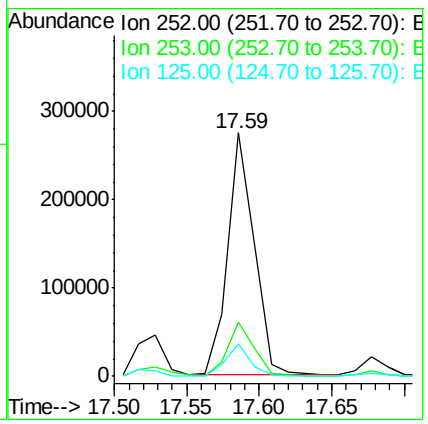




#89
Benzo(a)pyrene
Concen: 38.78 ng
RT: 17.59 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:252 Resp: 346743

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	13.5	7.4	11.2#



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

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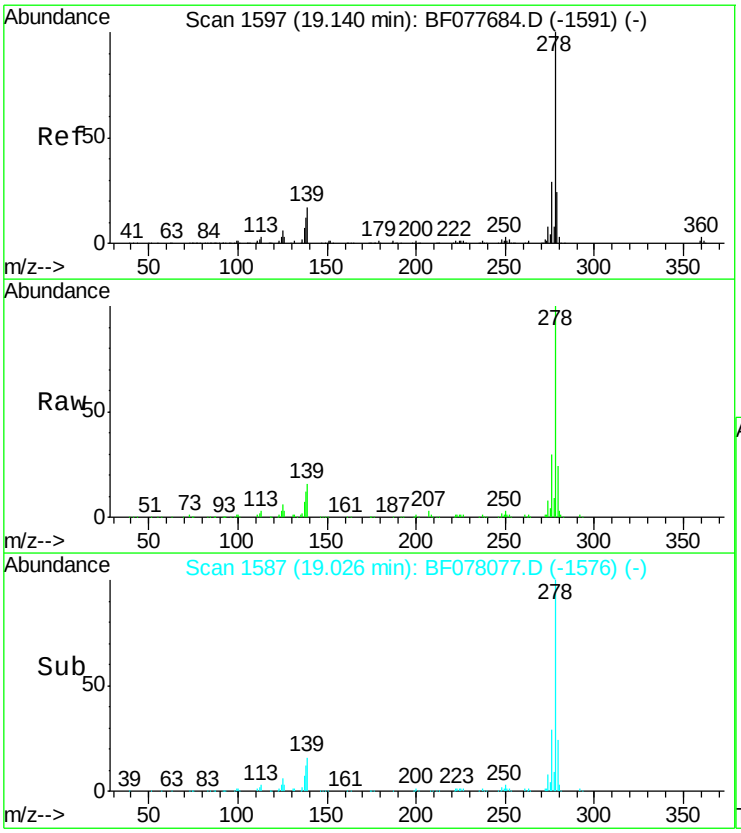
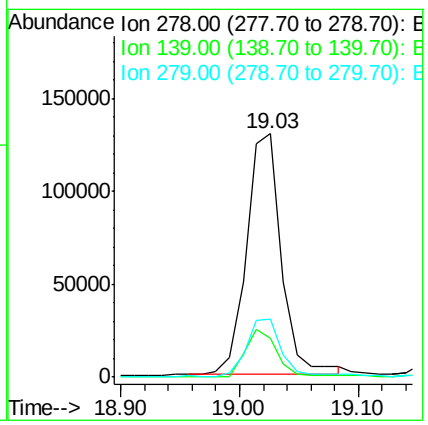
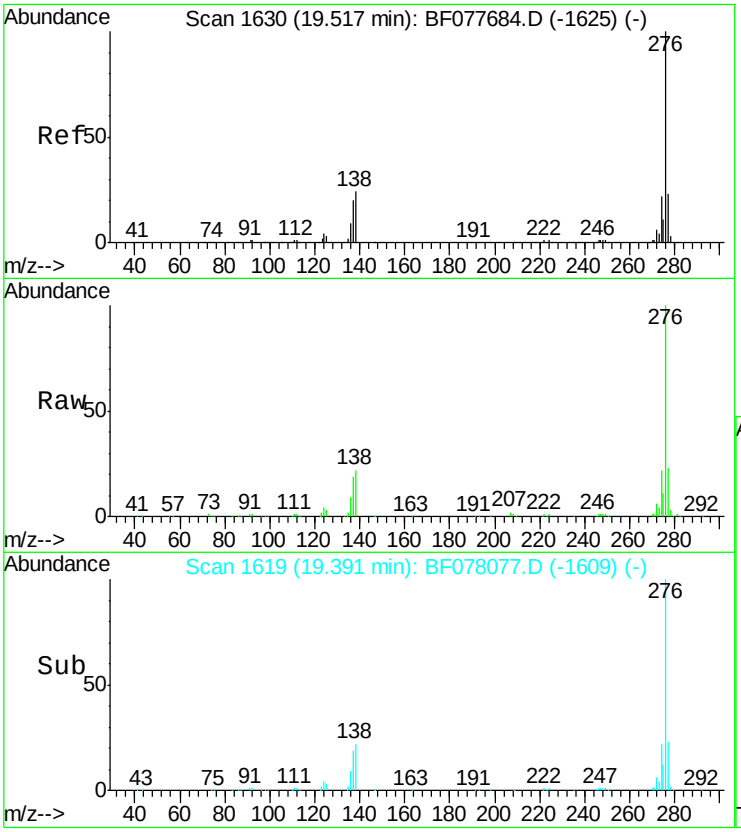


#90
Dibenzo(a,h)anthracene
Concen: 29.86 ng
RT: 19.03 min Scan# 1587
Delta R.T. 0.02 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:278 Resp: 264820

Ion	Ratio	Lower	Upper
278	100		
139	15.7	13.4	20.0
279	24.0	19.0	28.4

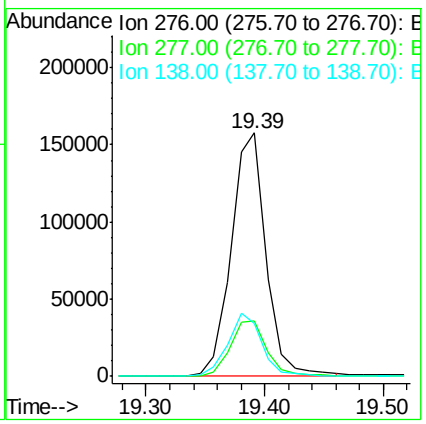




#91
Benzo(g,h,i)perylene
Concen: 35.74 ng
RT: 19.39 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:276 Resp: 322656

Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.5	27.7
138	22.0	19.0	28.6



Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

Manual Integrations APPROVED
apatel
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