Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073015\
Data File : BF080719.D
Acq On : 31 Jul 2015 5:03
Operator : TP/UM
Sample : PB84616BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84616BS

Manual Integrations APPROVED
MMDadoda
7/31/2015 11:23:01 AM

Quant Time: Jul 31 06:57:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 01:45:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	178827	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	675587	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	357075	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	652640	20.00	ng		0.00
75) Chrysene-d12	14.00	240	391128	20.00	ng		0.00
86) Perylene-d12	15.41	264	321326	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1182540	113.44	ng		0.02
7) Phenol-d6	6.49	99	1684160	118.67	ng		0.00
23) Nitrobenzene-d5	7.42	82	1261460	90.42	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	487851	131.67	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1989426	83.12	ng		0.00
78) Terphenyl-d14	12.96	244	1867893	90.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	174800	34.00	ng		99
3) Pyridine	3.31	79	518997	36.39	ng		98
4) n-Nitrosodimethylamine	3.26	42	327711	40.19	ng		98
6) Aniline	6.52	93	427948	20.95	ng		99
8) 2-Chlorophenol	6.64	128	447463	38.29	ng		94
9) Benzaldehyde	6.40	77	63800	5.76	ng		87
10) Phenol	6.50	94	560260	34.11	ng		90
11) bis(2-Chloroethyl)ether	6.59	93	460955	39.29	ng		99
12) 1,3-Dichlorobenzene	6.80	146	509806	39.19	ng		99
13) 1,4-Dichlorobenzene	6.88	146	535360	40.34	ng		98
14) 1,2-Dichlorobenzene	7.02	146	478311	39.43	ng		96
15) Benzyl Alcohol	7.00	79	370805	31.46	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1044506	41.67	ng		95
17) 2-Methylphenol	7.10	107	413984	43.16	ng		97
18) Hexachloroethane	7.37	117	195825	39.54	ng		91
19) n-Nitroso-di-n-propylamine	7.28	70	397793	41.62	ng		97
20) 3+4-Methylphenols	7.26	107	510002	43.10	ng		98
22) Acetophenone	7.26	105	634287	38.90	ng	#	98
24) Nitrobenzene	7.44	77	549275	39.30	ng		98
25) Isophorone	7.68	82	1007061	40.59	ng		99
26) 2-Nitrophenol	7.76	139	261193m	46.04	ng		
27) 2,4-Dimethylphenol	7.79	122	447299m	41.97	ng		
28) bis(2-Chloroethoxy)methane	7.89	93	652942	44.42	ng		100
29) 2,4-Dichlorophenol	8.00	162	420642	44.40	ng		100
30) 1,2,4-Trichlorobenzene	8.08	180	400595	38.78	ng		99
31) Naphthalene	8.16	128	1254333	37.20	ng		99
32) Benzoic acid	7.93	122	397870m	53.20	ng		
33) 4-Chloroaniline	8.20	127	177582	12.48	ng	#	89
34) Hexachlorobutadiene	8.28	225	277808	41.65	ng		99
35) Caprolactam	8.58	113	122842m	43.30	ng		
36) 4-Chloro-3-methylphenol	8.69	107	460556	45.09	ng		94
37) 2-Methylnaphthalene	8.85	142	941011	44.45	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	371469	33.13	ng		99
40) Hexachlorocyclopentadiene	9.01	237	559369	81.08	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	312917	40.11	ng		100
43) 2,4,5-Trichlorophenol	9.17	196	295352	38.17	ng		99
45) 1,1'-Biphenyl	9.32	154	1043171	38.10	ng		99
46) 2-Chloronaphthalene	9.34	162	849549	37.99	ng		98
47) 2-Nitroaniline	9.44	65	384660	44.21	ng		87
48) Acenaphthylene	9.76	152	1452147	40.84	ng		100
49) Dimethylphthalate	9.62	163	958331	38.08	ng		100
50) 2,6-Dinitrotoluene	9.68	165	204959	38.38	ng		86
51) Acenaphthene	9.93	154	1012477	46.67	ng		99
52) 3-Nitroaniline	9.84	138	134180	21.77	ng	#	44
53) 2,4-Dinitrophenol	9.95	184	271622	95.50	ng	#	74
54) Dibenzofuran	10.10	168	1191005	41.05	ng		97
55) 4-Nitrophenol	10.01	139	386153	85.05	ng	#	75
56) 2,4-Dinitrotoluene	10.08	165	273515	39.06	ng	#	85
57) Fluorene	10.44	166	970950	43.12	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	267483	45.84	ng		96
59) Diethylphthalate	10.32	149	995660	41.05	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	398440	40.76	ng		97
61) 4-Nitroaniline	10.46	138	229911	41.32	ng		83
62) Azobenzene	10.59	77	1163442	44.28	ng		98
64) 4,6-Dinitro-2-methylphenol	10.49	198	190100	48.37	ng	#	46
65) n-Nitrosodiphenylamine	10.56	169	890389	41.62	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	297696	44.19	ng		95
67) Hexachlorobenzene	10.98	284	317519	40.76	ng		99
68) Atrazine	11.07	200	87763	13.37	ng		99
69) Pentachlorophenol	11.17	266	373750	79.29	ng		98
70) Phenanthrene	11.40	178	1404386	42.71	ng		99
71) Anthracene	11.45	178	1254033	38.82	ng		99
72) Carbazole	11.60	167	1106201	39.45	ng		98
73) Di-n-butylphthalate	11.94	149	1596145	45.90	ng		99
74) Fluoranthene	12.58	202	1379265	43.39	ng		99
76) Benzidine	12.70	184	290419	20.39	ng		99
77) Pyrene	12.81	202	1449283	47.78	ng		99
79) Butylbenzylphthalate	13.43	149	558658	44.42	ng		98
80) Benzo(a)anthracene	13.99	228	956051	40.64	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	247110	30.78	ng		98
82) Chrysene	14.03	228	1014614	44.44	ng		100
83) Bis(2-ethylhexyl)phthalate	14.00	149	754265	49.95	ng	#	99
84) Di-n-octyl phthalate	14.60	149	1218020	48.10	ng		99
85) Indeno(1,2,3-cd)pyrene	16.80	276	739408	36.44	ng	#	88
87) Benzo(b)fluoranthene	15.01	252	850645m	44.32	ng		
88) Benzo(k)fluoranthene	15.04	252	670667m	42.46	ng		
89) Benzo(a)pyrene	15.36	252	711014	45.12	ng		99
90) Dibenzo(a,h)anthracene	16.81	278	617201	43.76	ng	#	97
91) Benzo(g,h,i)perylene	17.21	276	620529	44.70	ng		98

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

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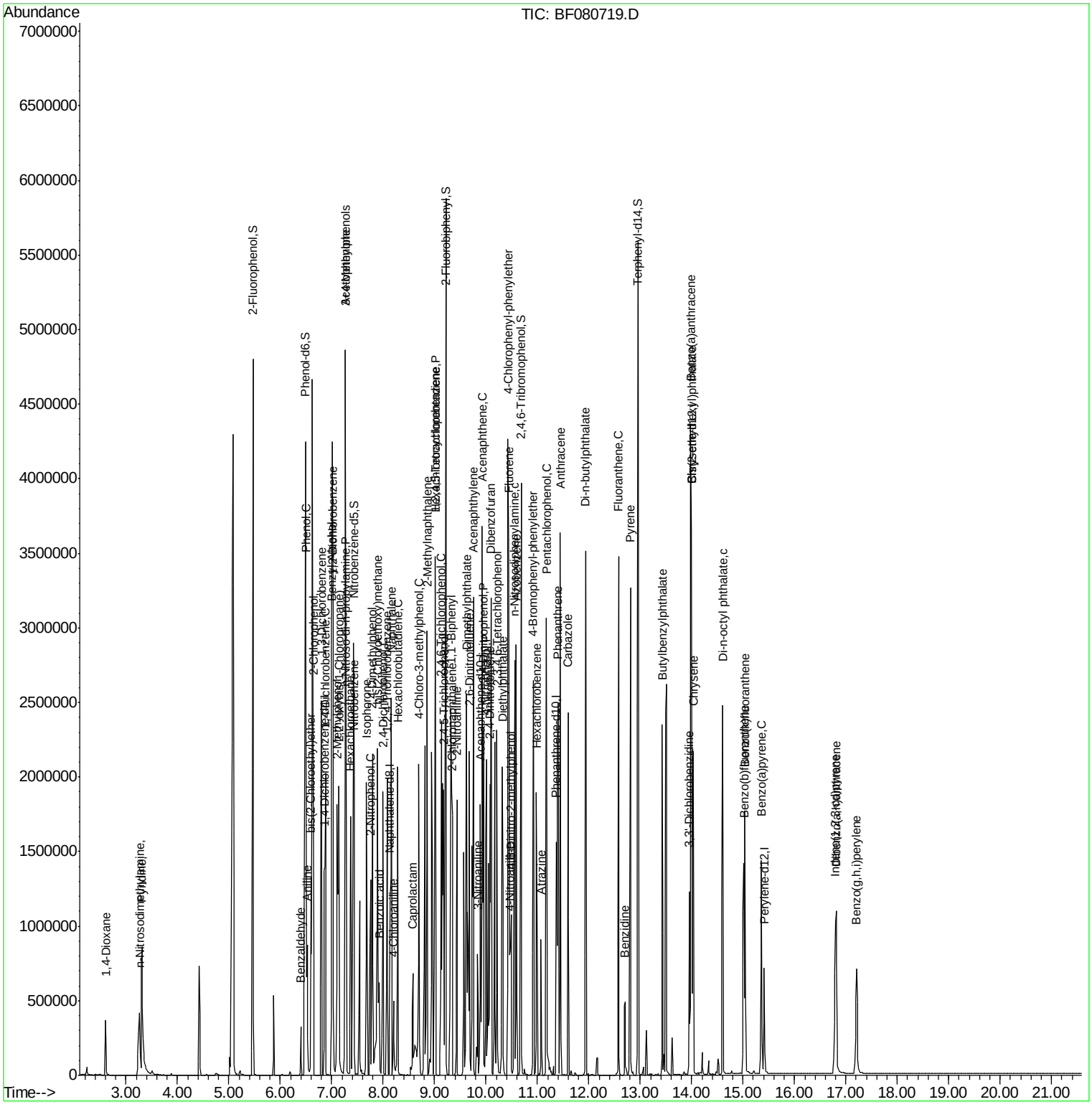
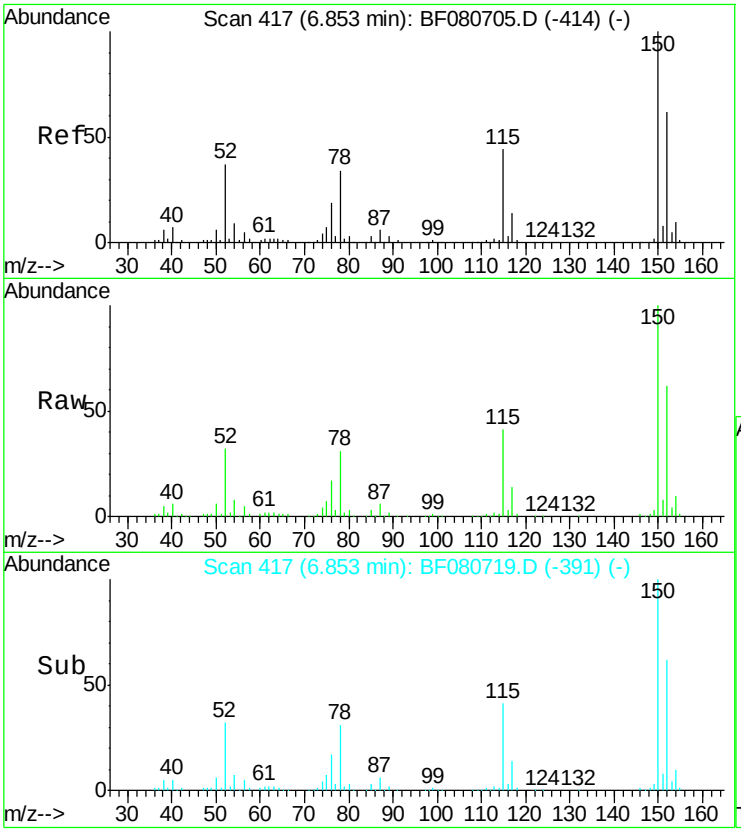
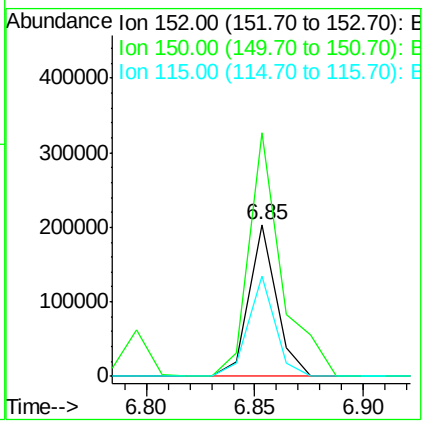




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:152 Resp: 178827

Ion	Ratio	Lower	Upper
152	100		
150	160.2	129.6	194.4
115	65.9	56.6	85.0



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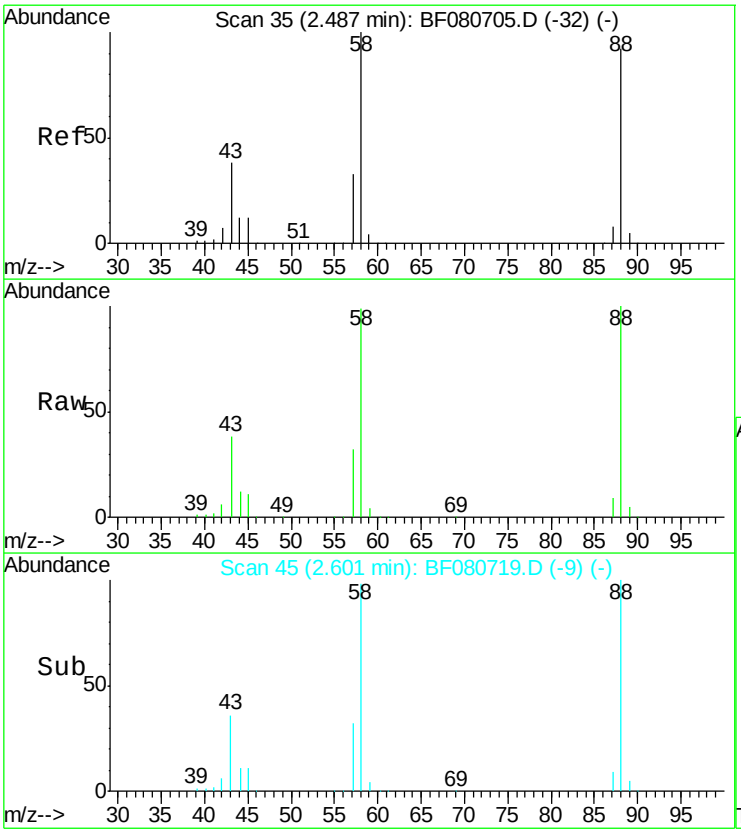
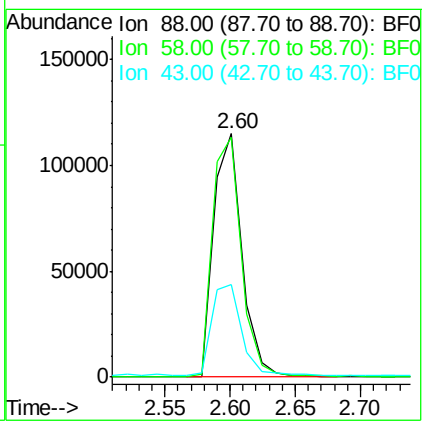
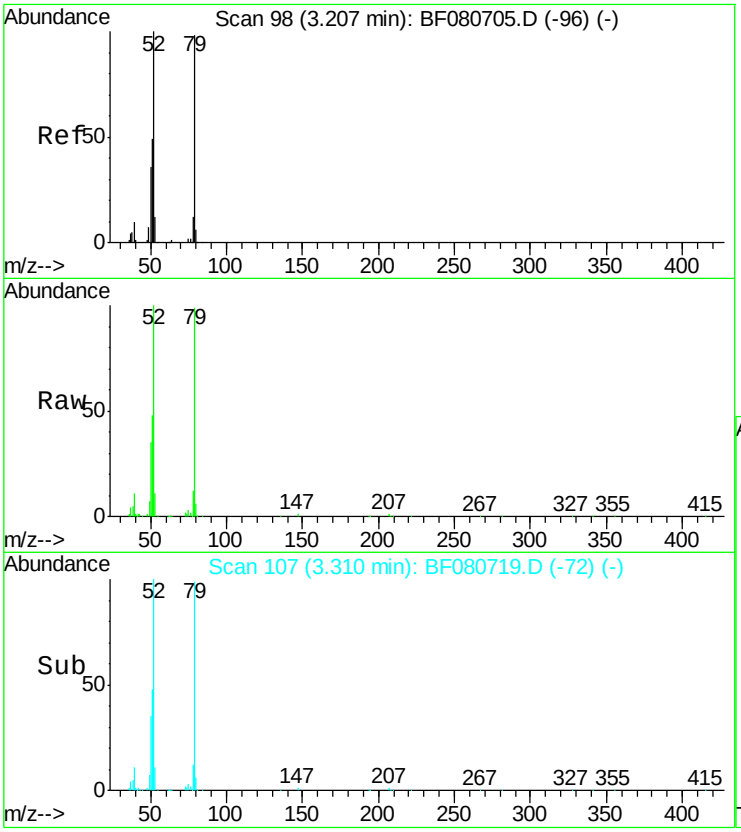


#2
1,4-Dioxane
Concen: 34.00 ng
RT: 2.60 min Scan# 45
Delta R.T. 0.11 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion: 88 Resp: 174800

Ion	Ratio	Lower	Upper
88	100		
58	101.6	82.3	123.5
43	39.6	31.7	47.5

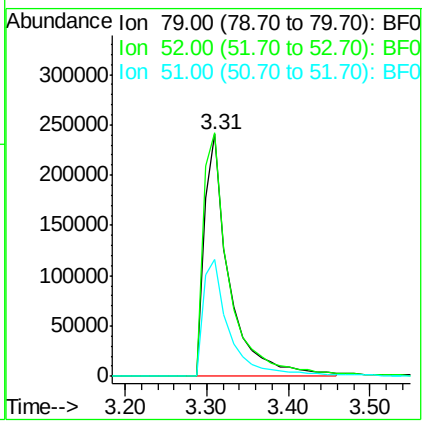




#3
Pyridine
Concen: 36.39 ng
RT: 3.31 min Scan# 107
Delta R.T. 0.10 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion: 79 Resp: 518997

Ion	Ratio	Lower	Upper
79	100		
52	100.6	81.6	122.4
51	48.4	40.2	60.2



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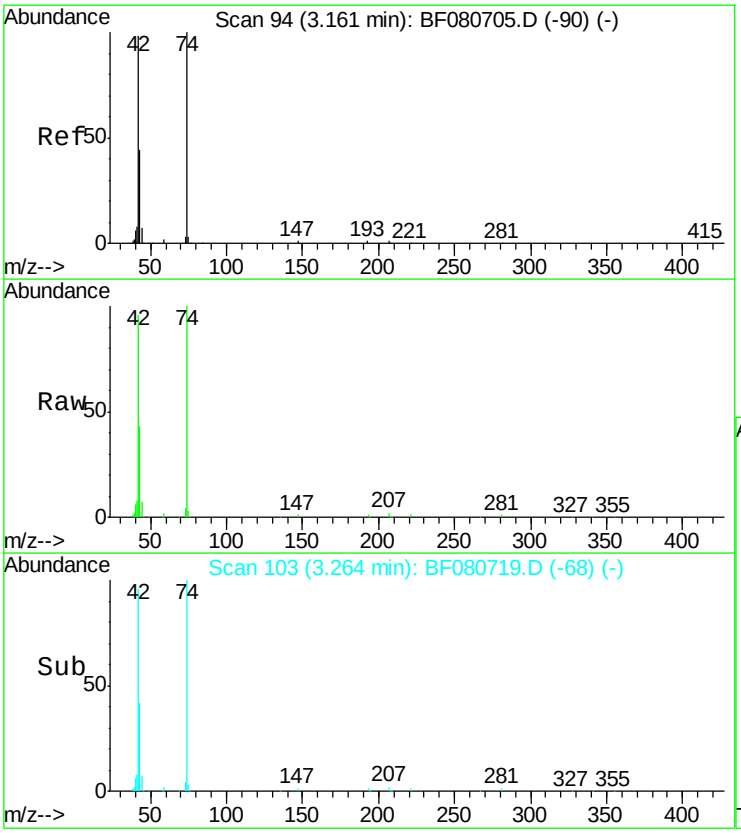
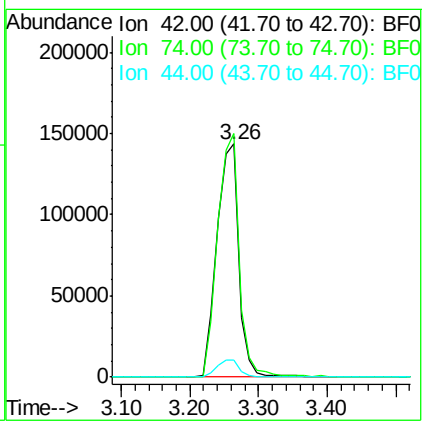
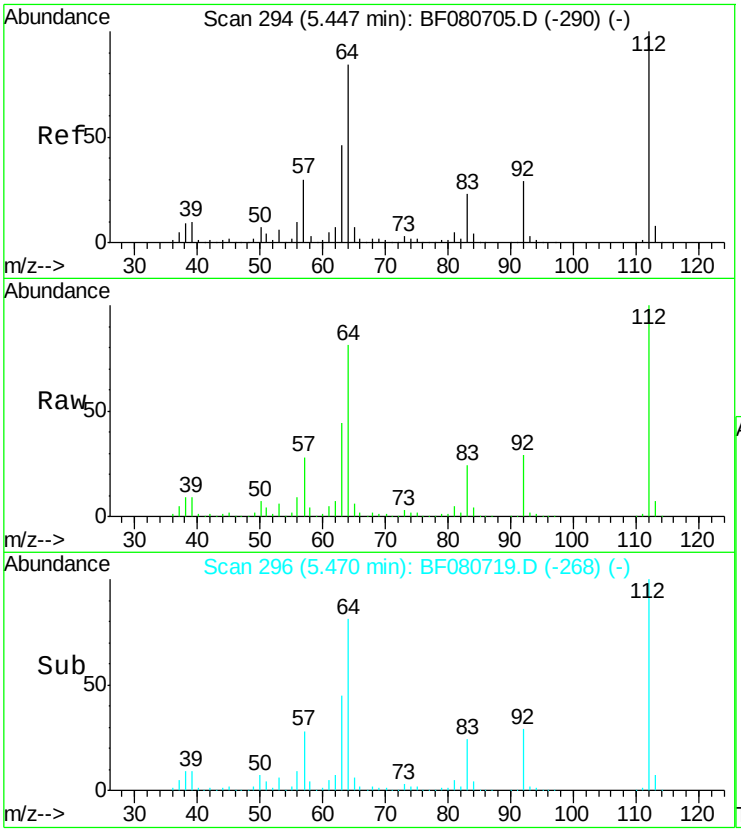


#4
n-Nitrosodimethylamine
Concen: 40.19 ng
RT: 3.26 min Scan# 103
Delta R.T. 0.10 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion: 42 Resp: 327711

Ion	Ratio	Lower	Upper
42	100		
74	104.4	81.5	122.3
44	7.2	5.6	8.4

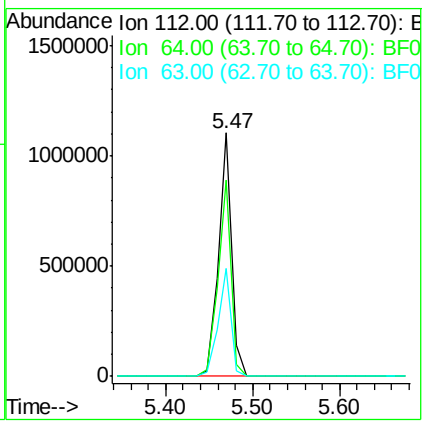




#5
2-Fluorophenol
Concen: 113.44 ng
RT: 5.47 min Scan# 296
Delta R.T. 0.02 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:112 Resp: 1182540

Ion	Ratio	Lower	Upper
112	100		
64	80.8	66.8	100.2
63	44.4	36.7	55.1



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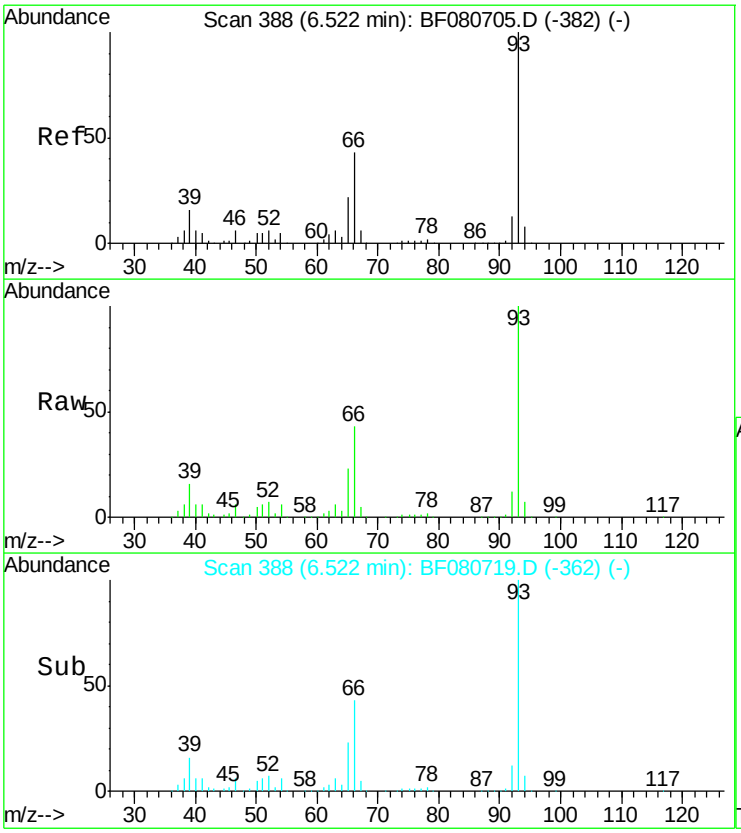
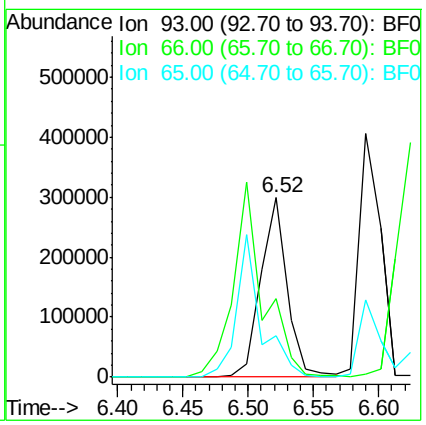
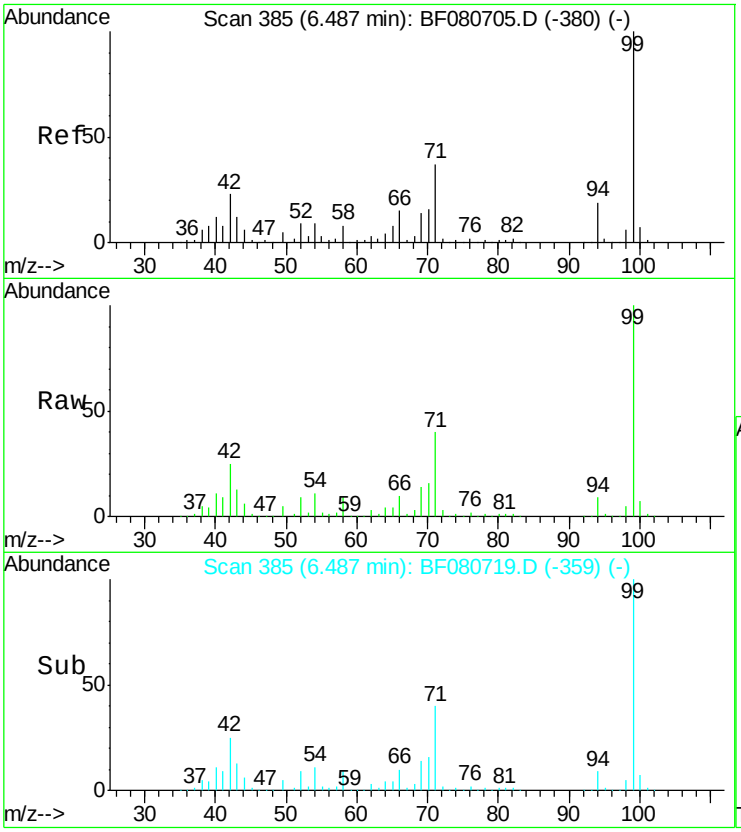


#6
Aniline
Concen: 20.95 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion: 93 Resp: 427948

Ion	Ratio	Lower	Upper
93	100		
66	43.5	34.3	51.5
65	23.0	17.6	26.4

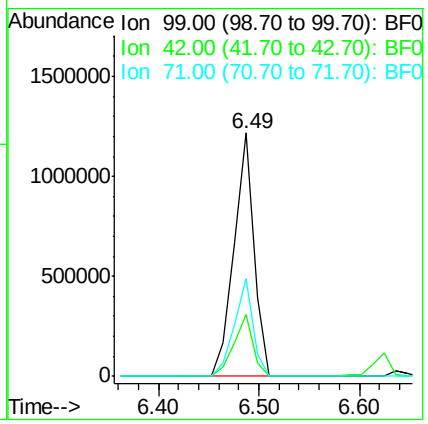




#7
Phenol-d6
Concen: 118.67 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion: 99 Resp: 1684160

Ion	Ratio	Lower	Upper
99	100		
42	25.3	18.2	27.2
71	40.1	29.5	44.3



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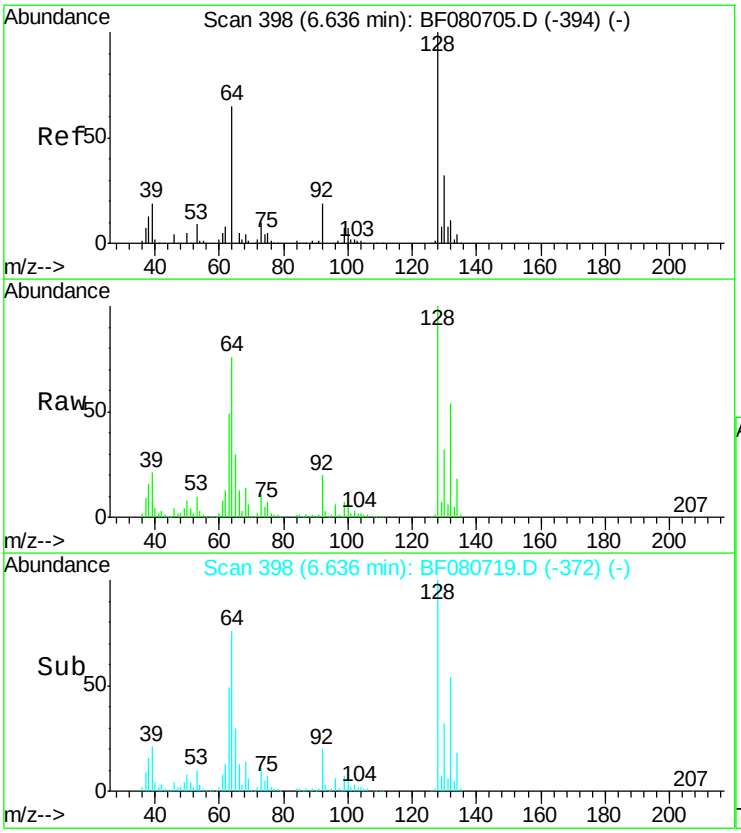
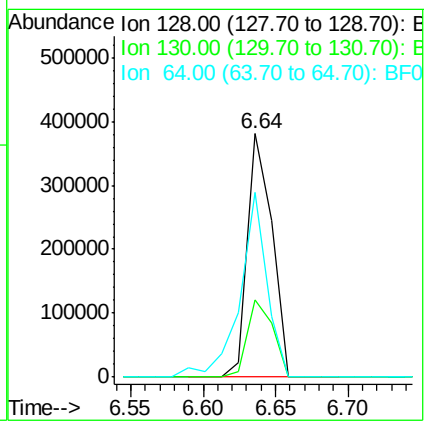
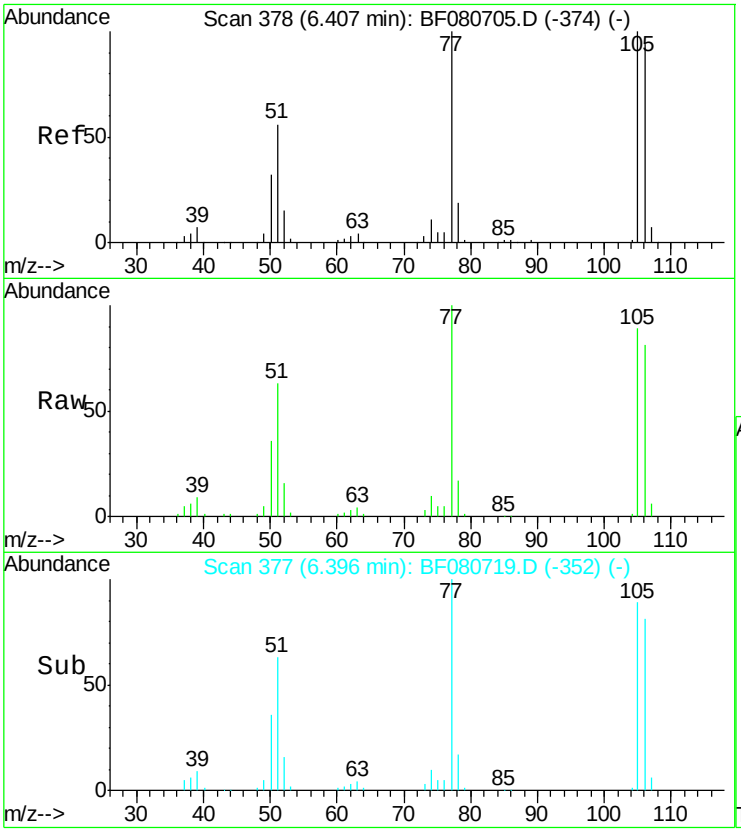


#8
2-Chlorophenol
Concen: 38.29 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:128 Resp: 447463

Ion	Ratio	Lower	Upper
128	100		
130	31.6	11.7	51.7
64	75.9	48.7	88.7

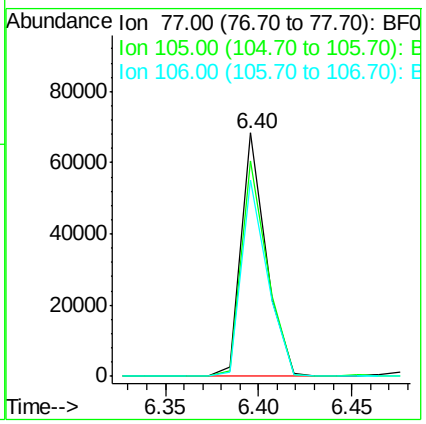




#9
Benzaldehyde
Concen: 5.76 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.01 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion: 77 Resp: 63800

Ion	Ratio	Lower	Upper
77	100		
105	88.7	80.2	120.2
106	80.7	74.2	114.2



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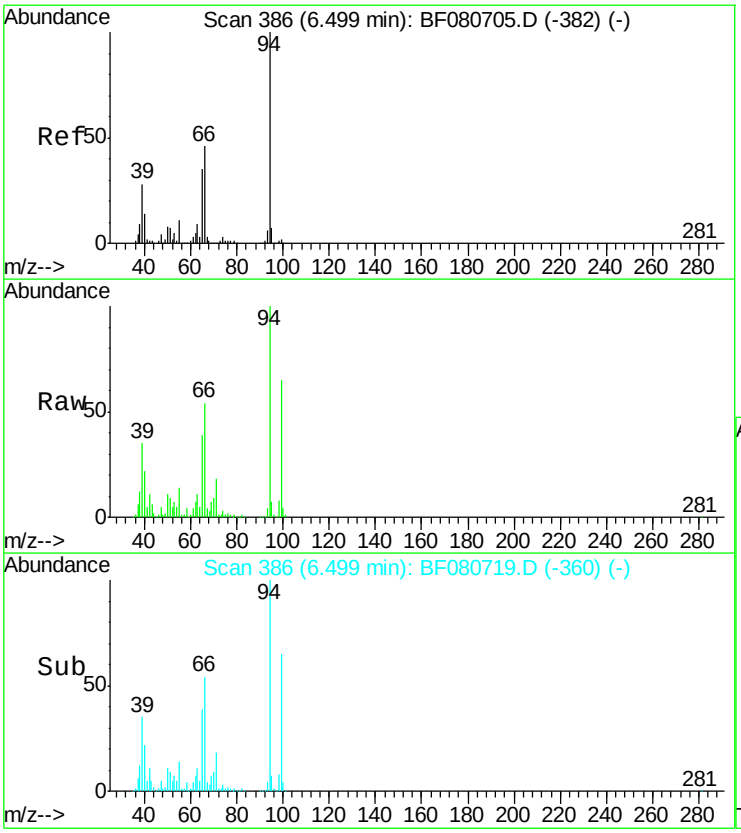
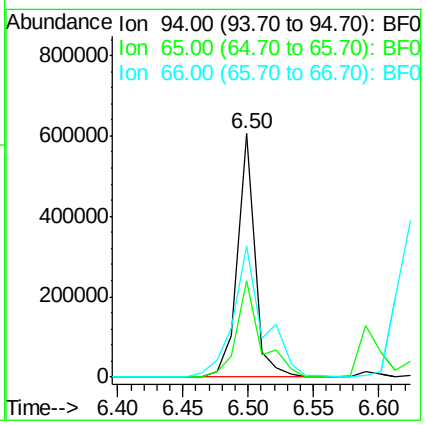
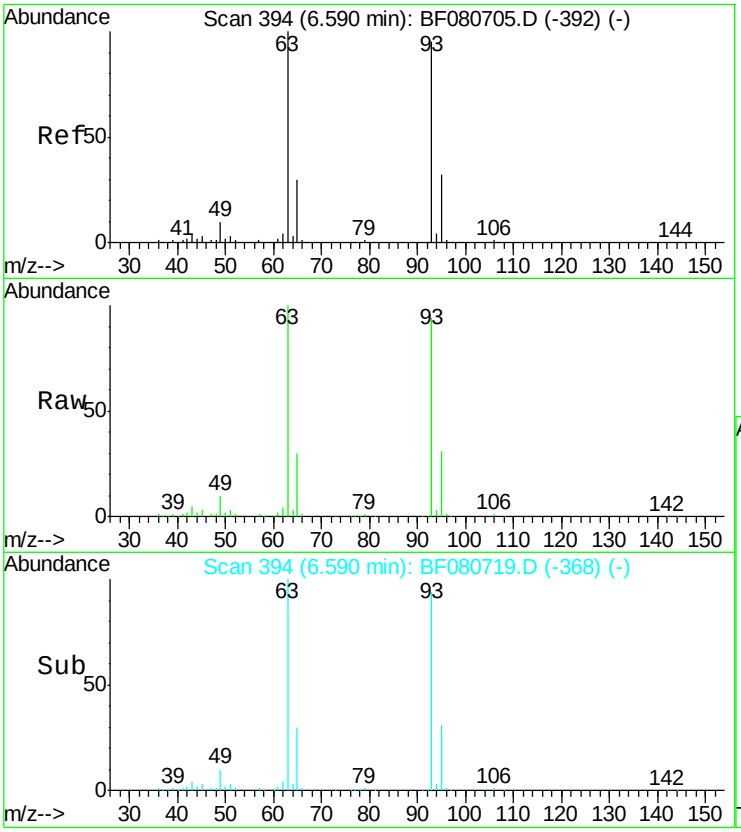


#10
Phenol
Concen: 34.11 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion: 94 Resp: 560260

Ion	Ratio	Lower	Upper
94	100		
65	39.4	14.7	54.7
66	53.8	25.9	65.9

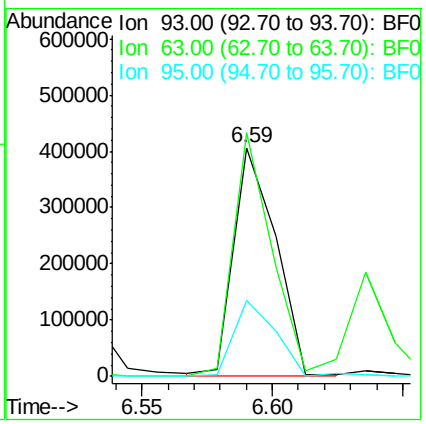




#11
bis(2-Chloroethyl)ether
Concen: 39.29 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion: 93 Resp: 460955

Ion	Ratio	Lower	Upper
93	100		
63	106.6	85.3	125.3
95	33.1	13.3	53.3



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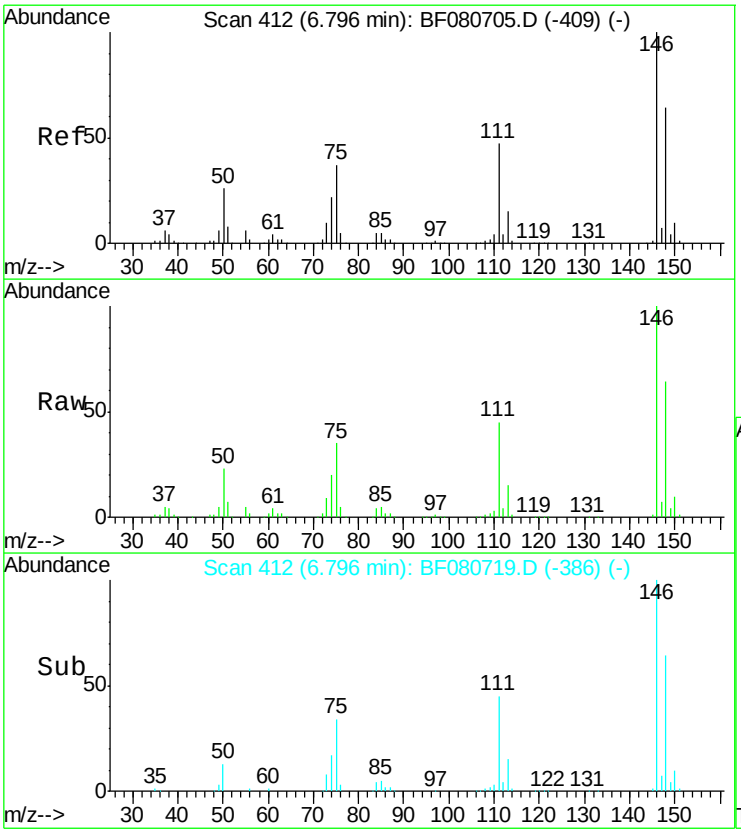
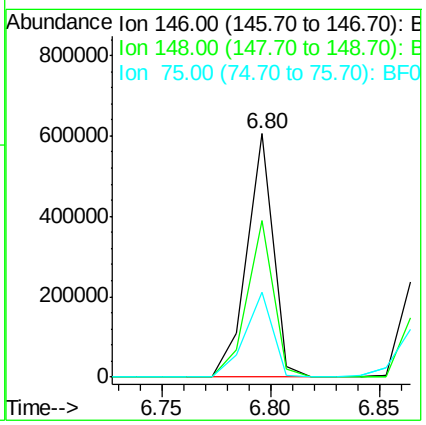
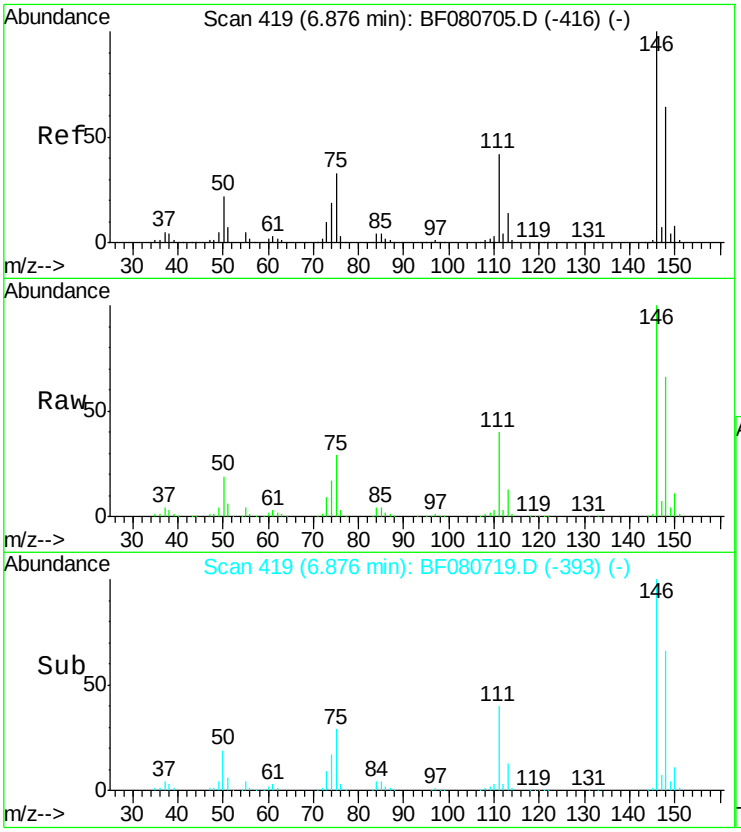


#12
1,3-Dichlorobenzene
Concen: 39.19 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:146 Resp: 509806

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.0	76.6
75	35.1	29.4	44.0

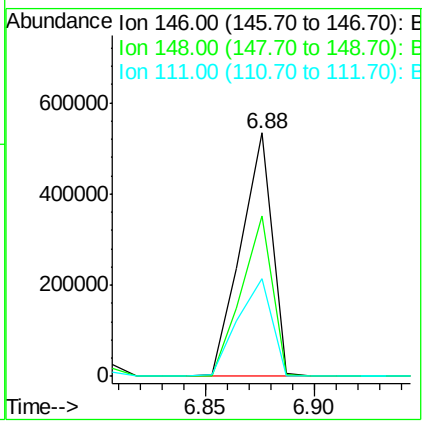




#13
1,4-Dichlorobenzene
Concen: 40.34 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:146 Resp: 535360

Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.4	77.2
111	40.3	33.8	50.6



Instrument :
BNA_F
ClientSampleId :
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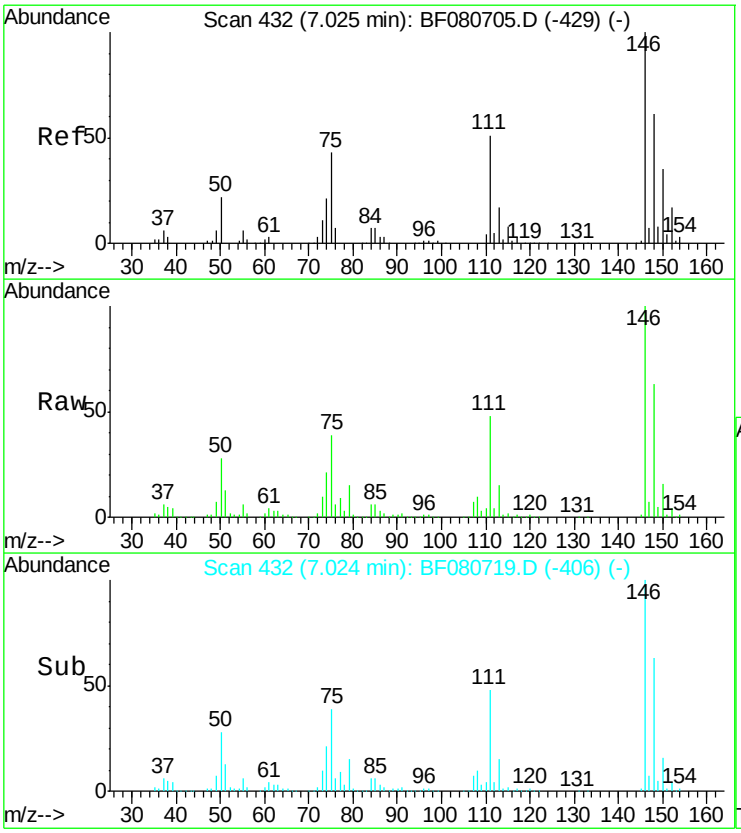
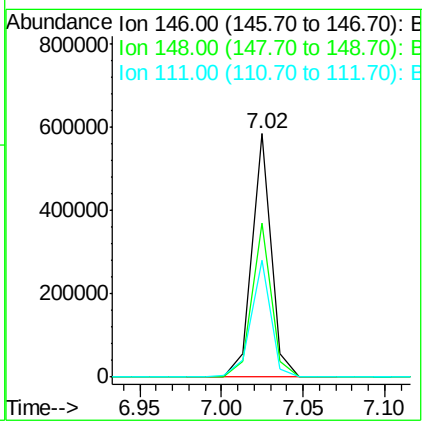
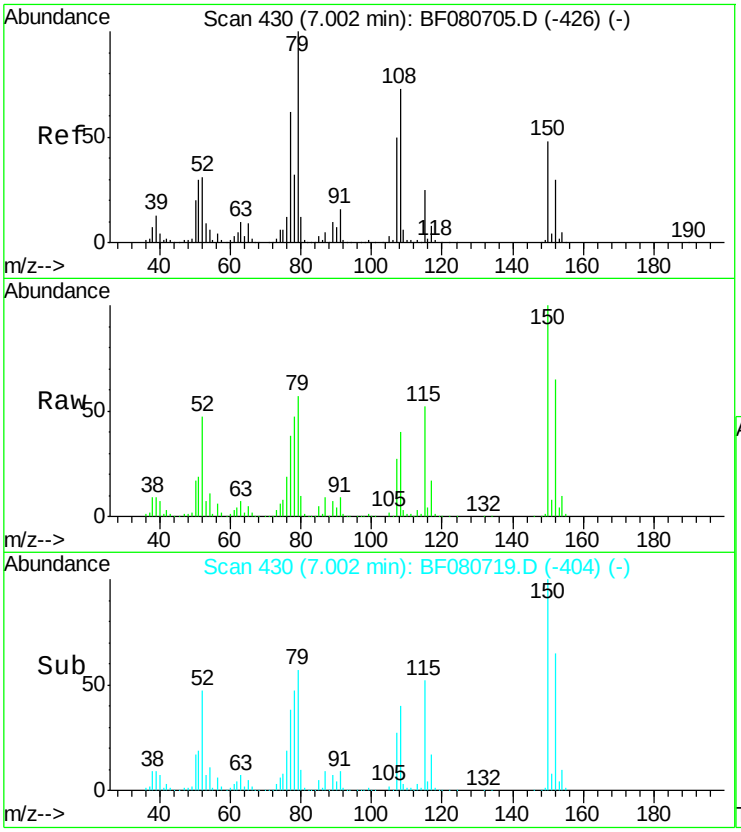


#14
1,2-Dichlorobenzene
Concen: 39.43 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:146 Resp: 478311

Ion	Ratio	Lower	Upper
146	100		
148	63.4	49.2	73.8
111	47.9	41.0	61.4

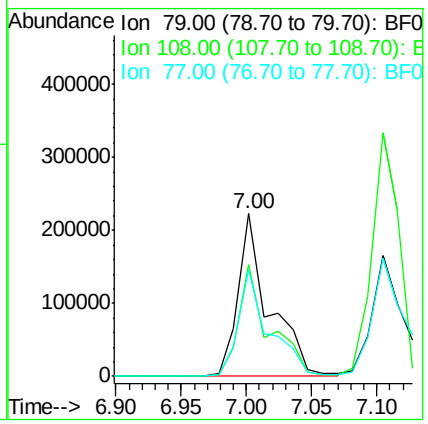




#15
Benzyl Alcohol
Concen: 31.46 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion: 79 Resp: 370805

Ion	Ratio	Lower	Upper
79	100		
108	68.9	58.7	88.1
77	65.7	49.8	74.8



Instrument :
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ClientSampleId :
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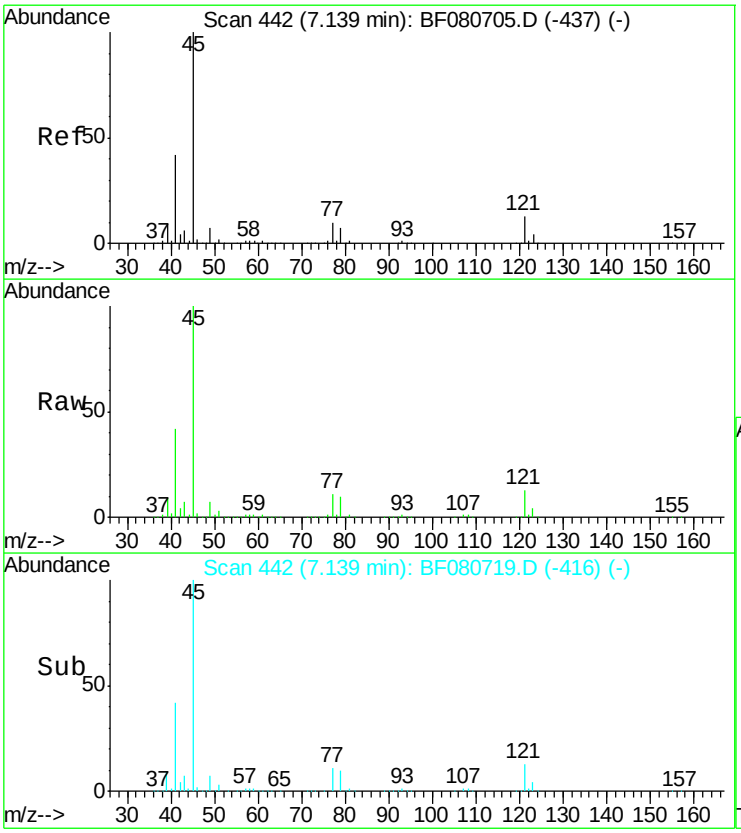
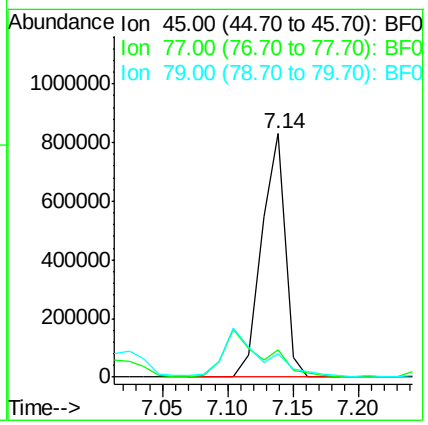
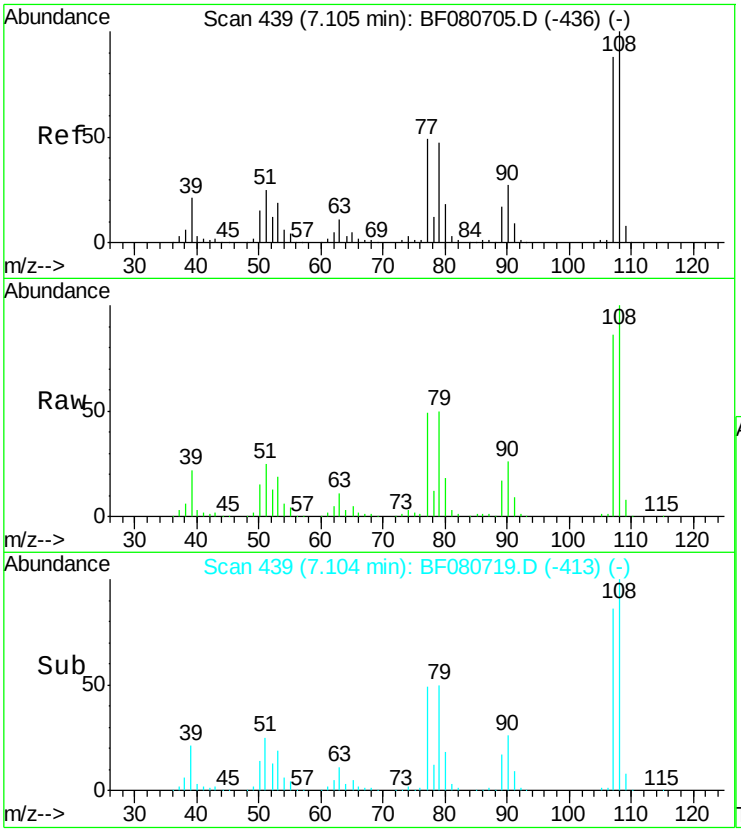


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.67 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion: 45 Resp: 1044506

Ion	Ratio	Lower	Upper
45	100		
77	11.0	0.0	29.9
79	9.7	0.0	27.4

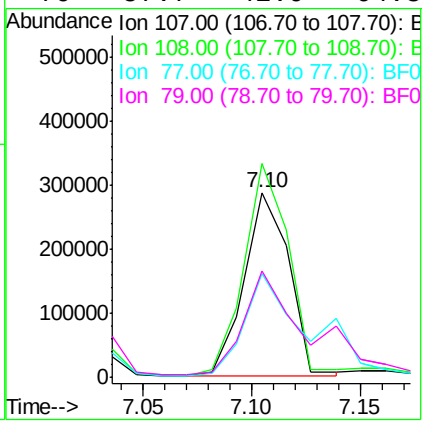




#17
2-Methylphenol
Concen: 43.16 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:107 Resp: 413984

Ion	Ratio	Lower	Upper
107	100		
108	115.9	90.8	136.2
77	56.3	44.6	67.0
79	57.7	42.9	64.3



Instrument :
BNA_F
ClientSampleId :
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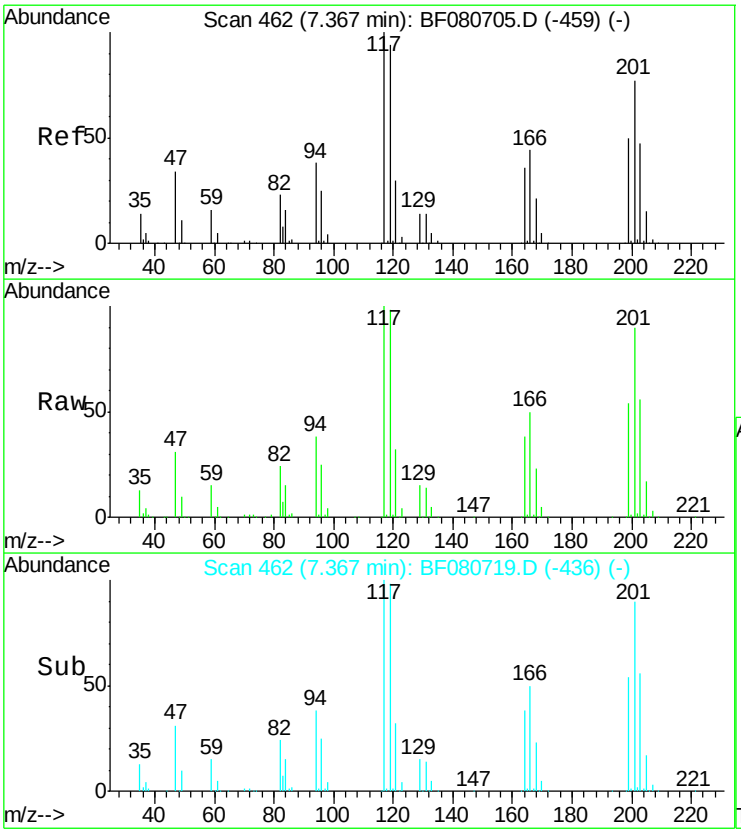
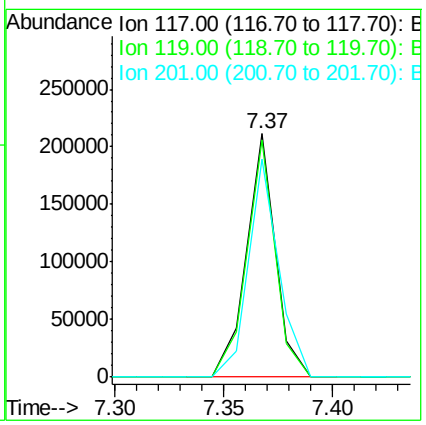
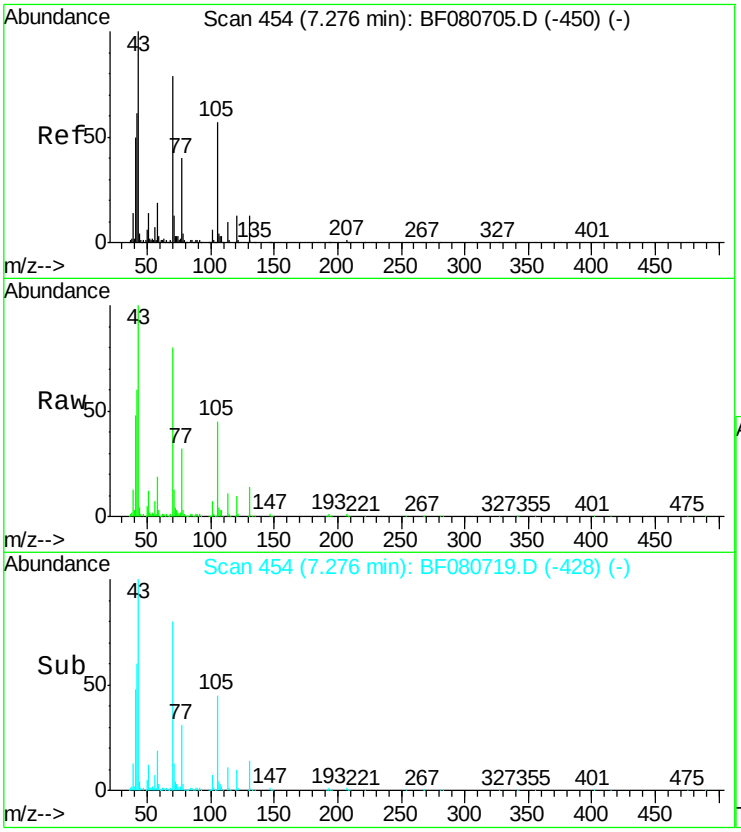


#18
Hexachloroethane
Concen: 39.54 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:117 Resp: 195825

Ion	Ratio	Lower	Upper
117	100		
119	97.5	74.9	112.3
201	89.8	61.5	92.3

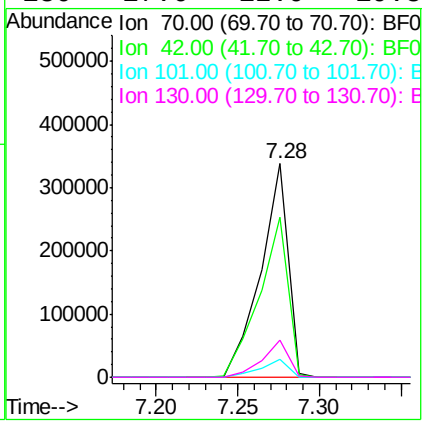




#19
n-Nitroso-di-n-propylamine
Concen: 41.62 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion: 70 Resp: 397793

Ion	Ratio	Lower	Upper
70	100		
42	74.8	61.8	92.6
101	8.6	6.1	9.1
130	17.6	12.9	19.3



Instrument :
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ClientSampleId :
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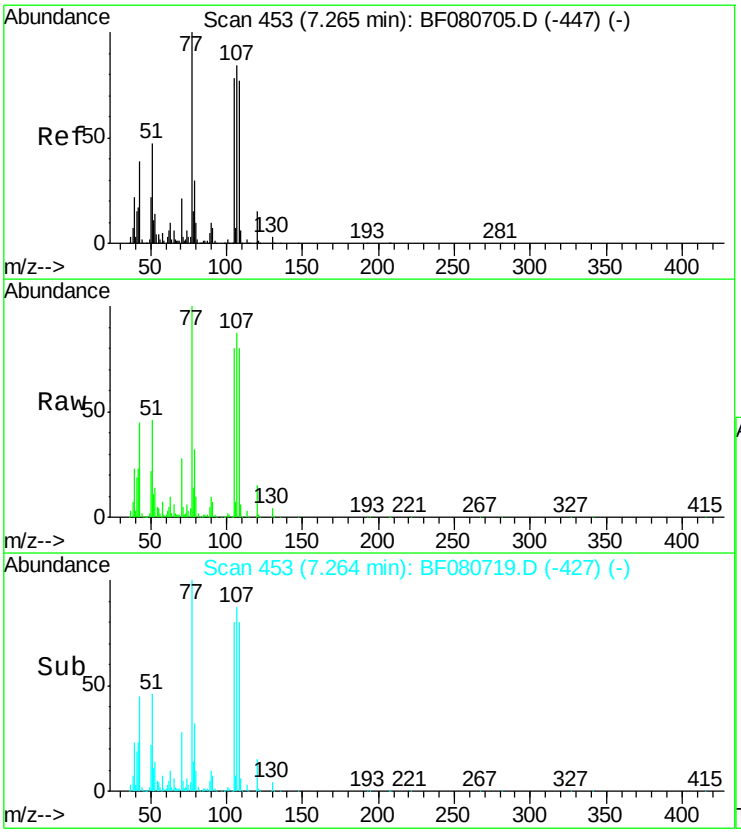
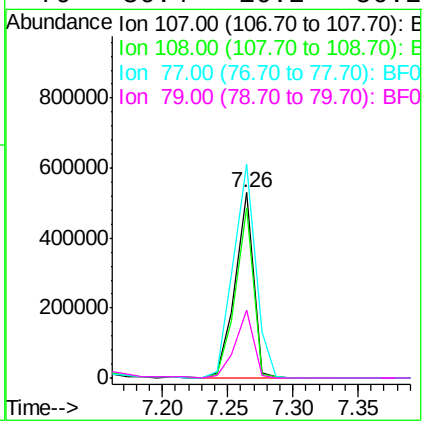
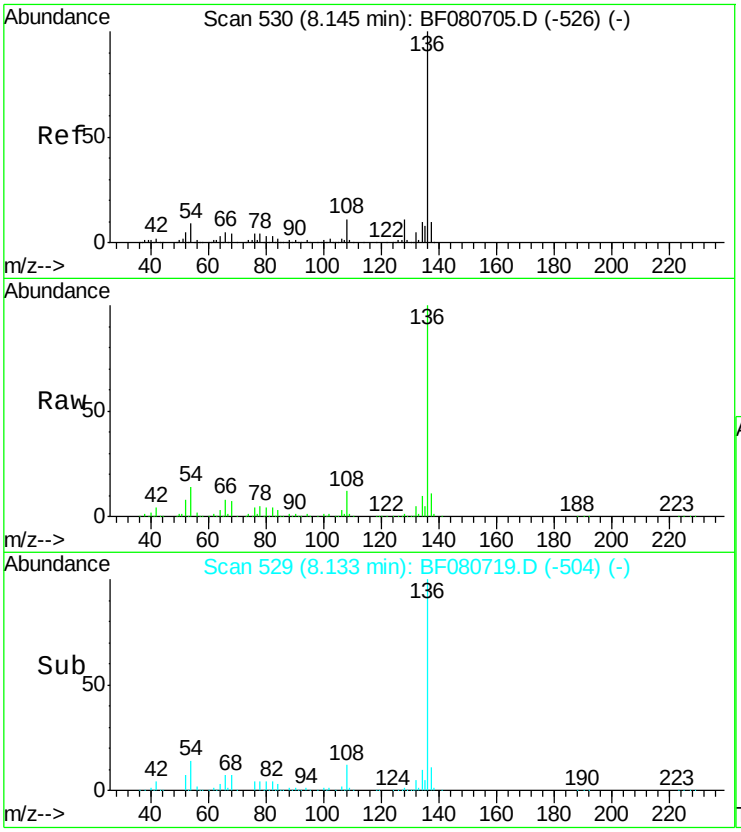


#20
3+4-Methylphenols
Concen: 43.10 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:107 Resp: 510002

Ion	Ratio	Lower	Upper
107	100		
108	91.7	71.8	111.8
77	115.1	99.8	139.8
79	36.4	16.2	56.2

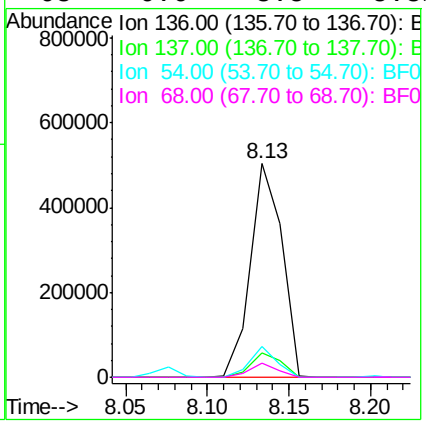




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:136 Resp: 675587

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	14.5	6.9	10.3#
68	6.6	3.5	5.3#



Instrument :
BNA_F
ClientSampleId :
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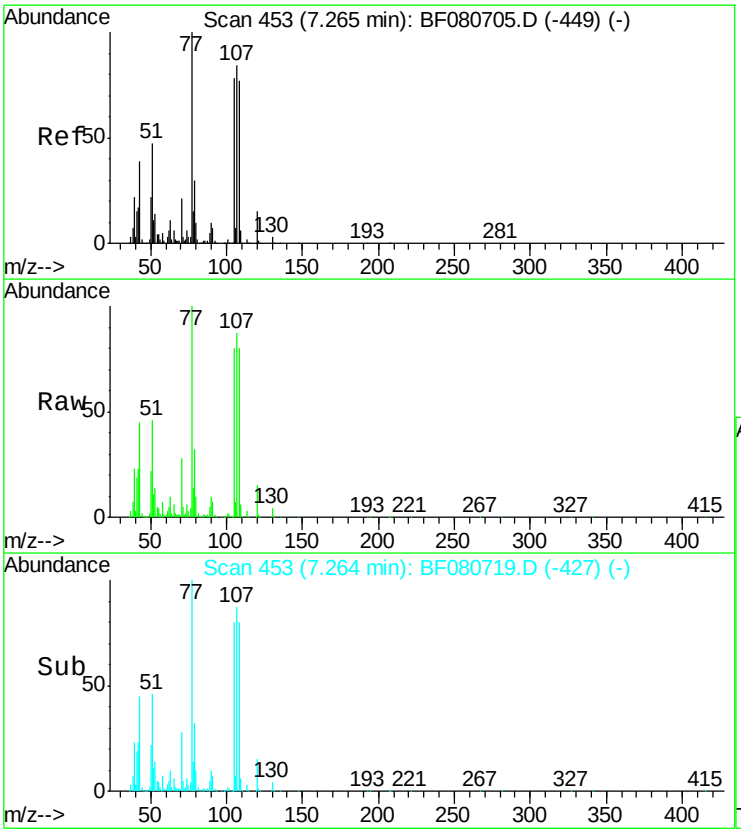
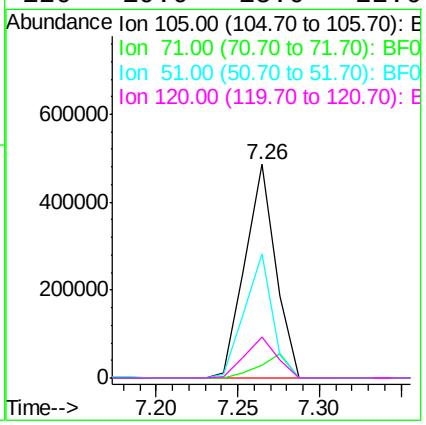
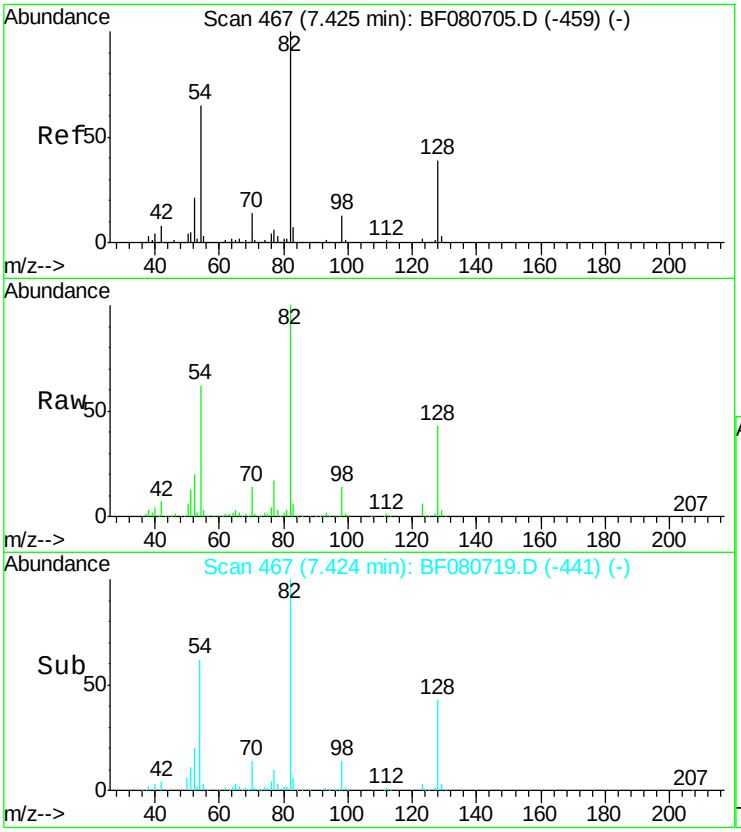


#22
Acetophenone
Concen: 38.90 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:105 Resp: 634287

Ion	Ratio	Lower	Upper
105	100		
71	5.8	3.4	5.0#
51	57.9	47.9	71.9
120	19.0	15.0	22.6

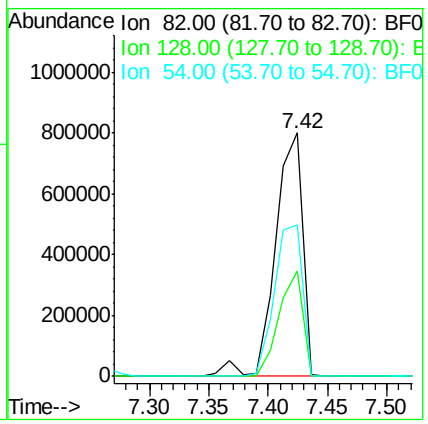




#23
Nitrobenzene-d5
Concen: 90.42 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion: 82 Resp: 1261460

Ion	Ratio	Lower	Upper
82	100		
128	43.1	31.5	47.3
54	62.0	51.8	77.8



Instrument :
BNA_F
ClientSampleId :
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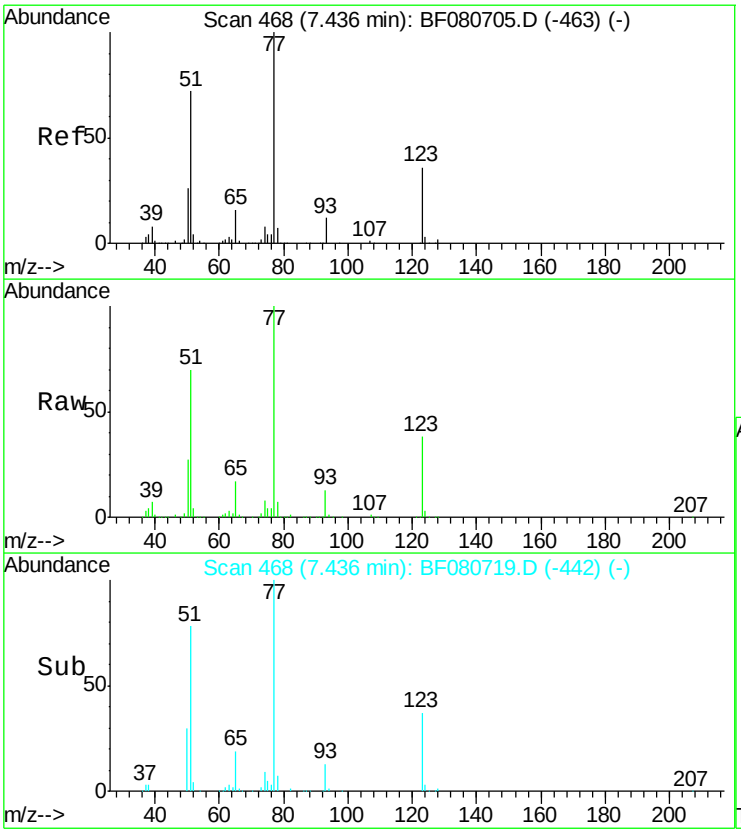
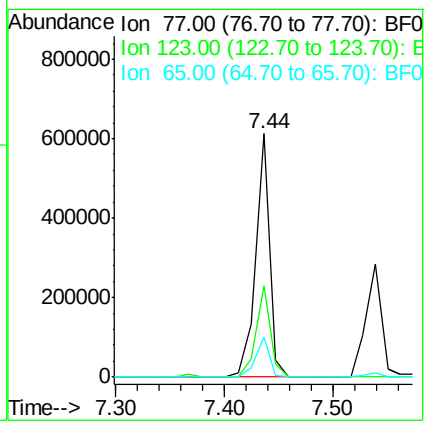
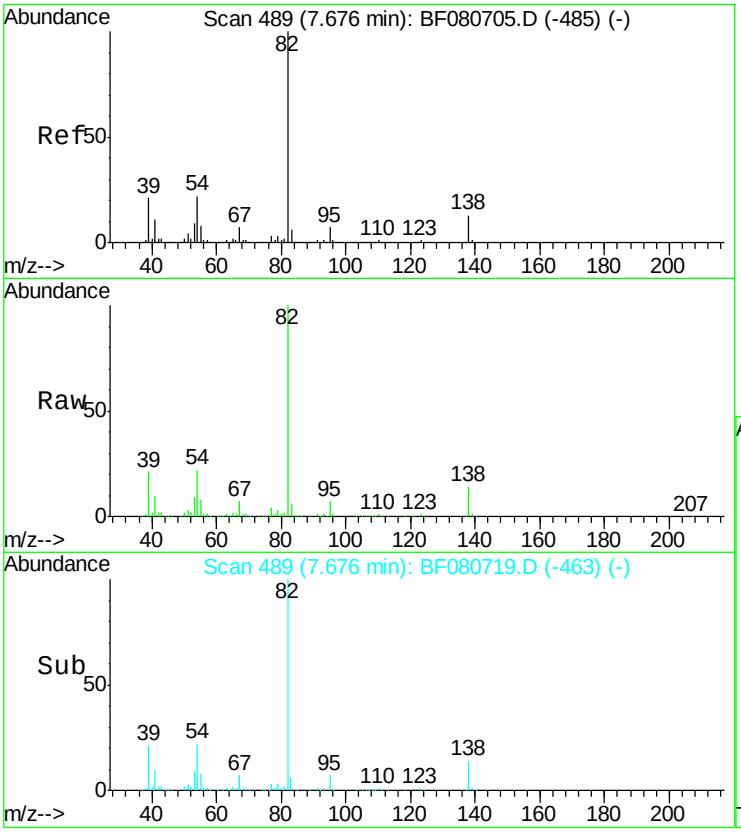


#24
Nitrobenzene
Concen: 39.30 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion: 77 Resp: 549275

Ion	Ratio	Lower	Upper
77	100		
123	37.6	28.9	43.3
65	16.5	13.0	19.4

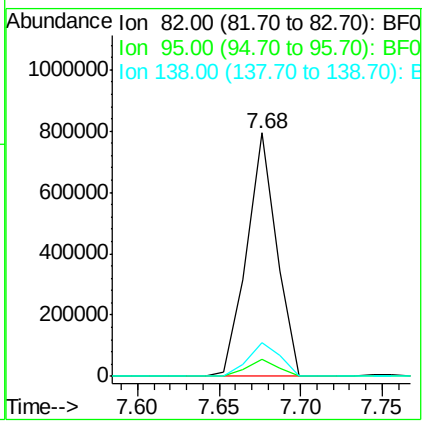




#25
Isophorone
Concen: 40.59 ng
RT: 7.68 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion: 82 Resp: 1007061

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.6
138	13.7	10.7	16.1



Instrument :
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ClientSampleId :
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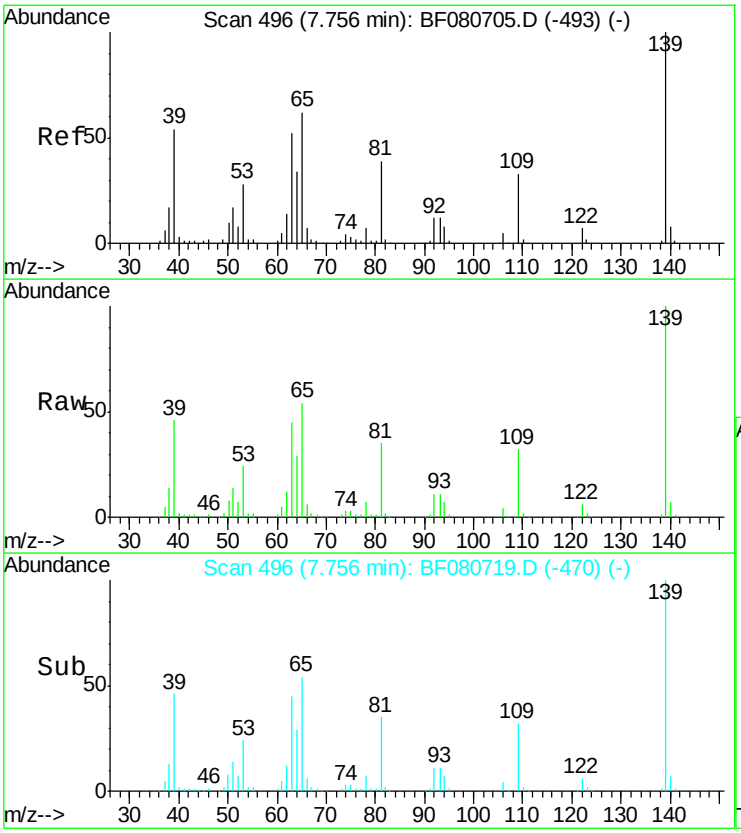
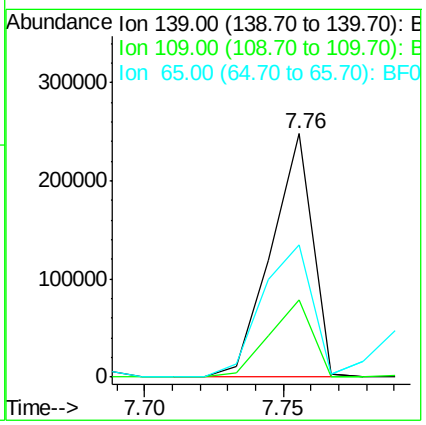
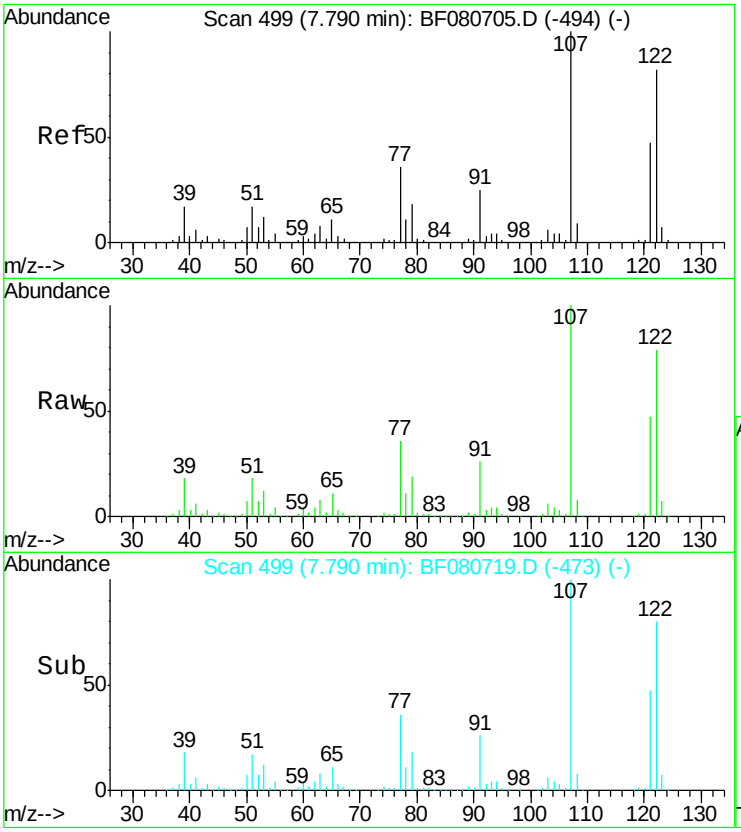


#26
2-Nitrophenol
Concen: 46.04 ng m
RT: 7.76 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:139 Resp: 261193

Ion	Ratio	Lower	Upper
139	100		
109	31.9	26.5	39.7
65	54.4	49.8	74.8

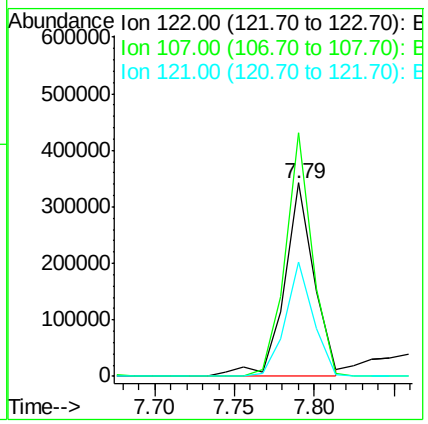




#27
2,4-Dimethylphenol
Concen: 41.97 ng m
RT: 7.79 min Scan# 499
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:122 Resp: 447299

Ion	Ratio	Lower	Upper
122	100		
107	125.9	98.1	147.1
121	59.1	45.8	68.8



Instrument :
BNA_F
ClientSampleId :
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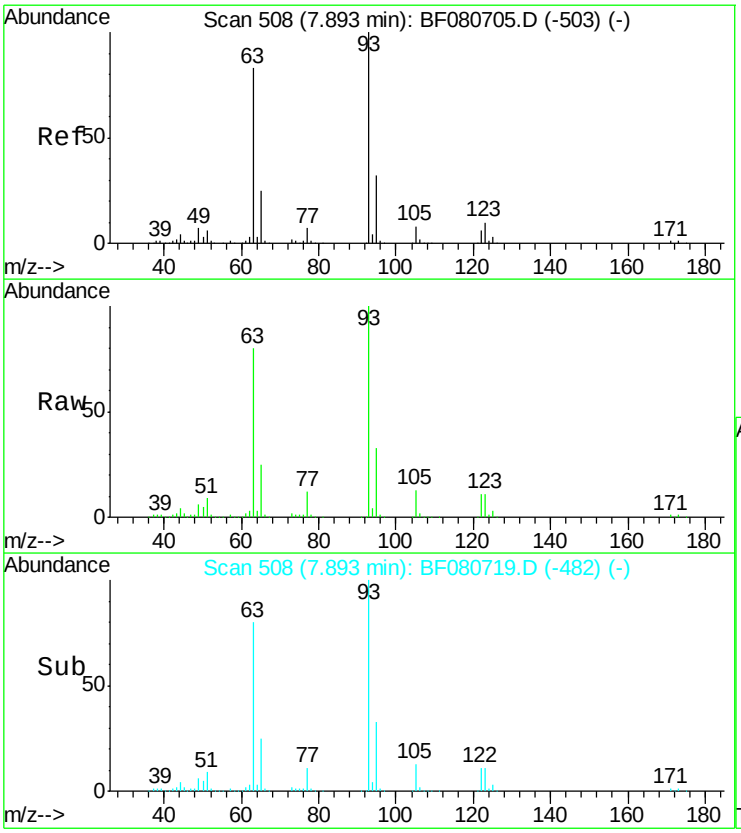
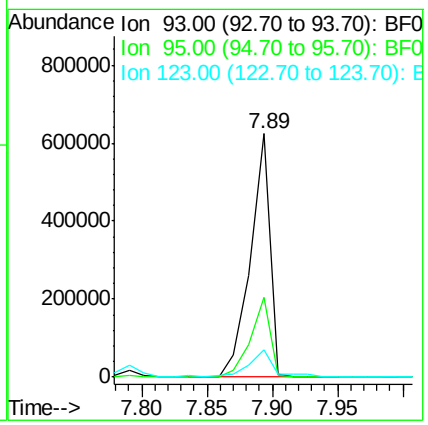
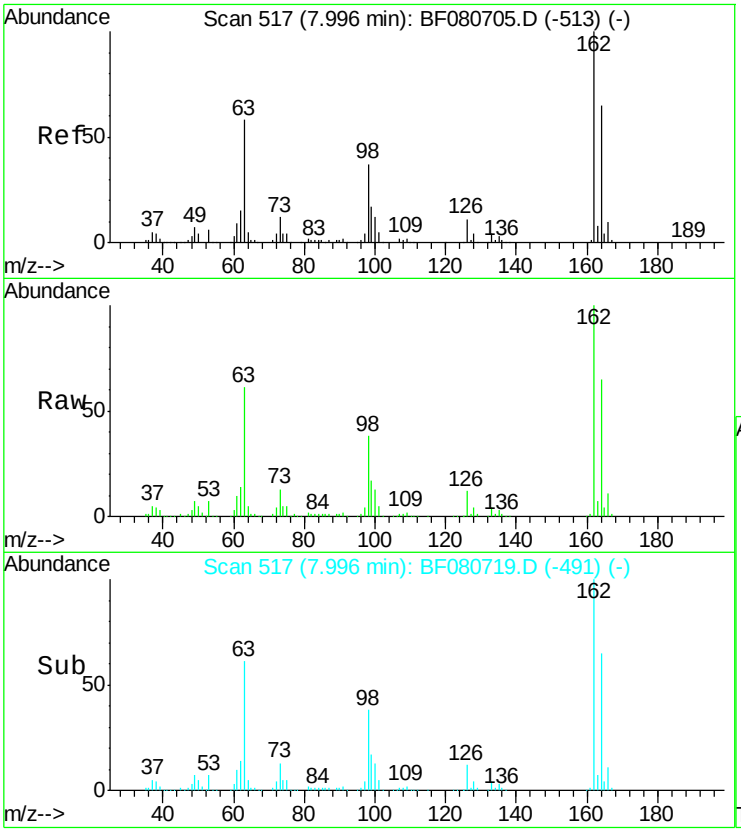


#28
bis(2-Chloroethoxy)methane
Concen: 44.42 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion: 93 Resp: 652942

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.0	39.0
123	11.0	8.2	12.4

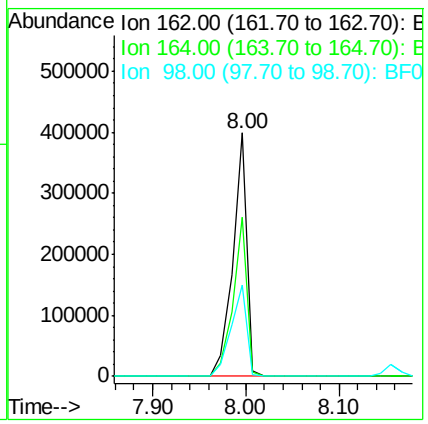




#29
2,4-Dichlorophenol
Concen: 44.40 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:162 Resp: 420642

Ion	Ratio	Lower	Upper
162	100		
164	65.2	45.1	85.1
98	37.5	17.0	57.0



Instrument :
BNA_F
ClientSampleId :
PB84616BS

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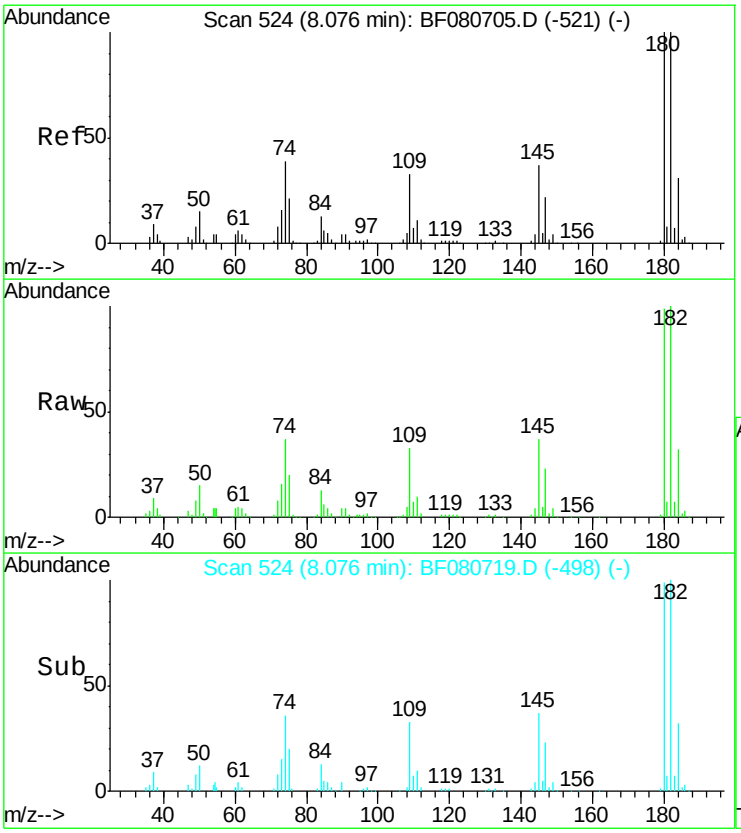
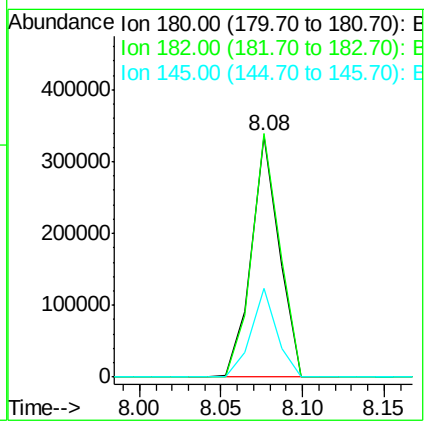
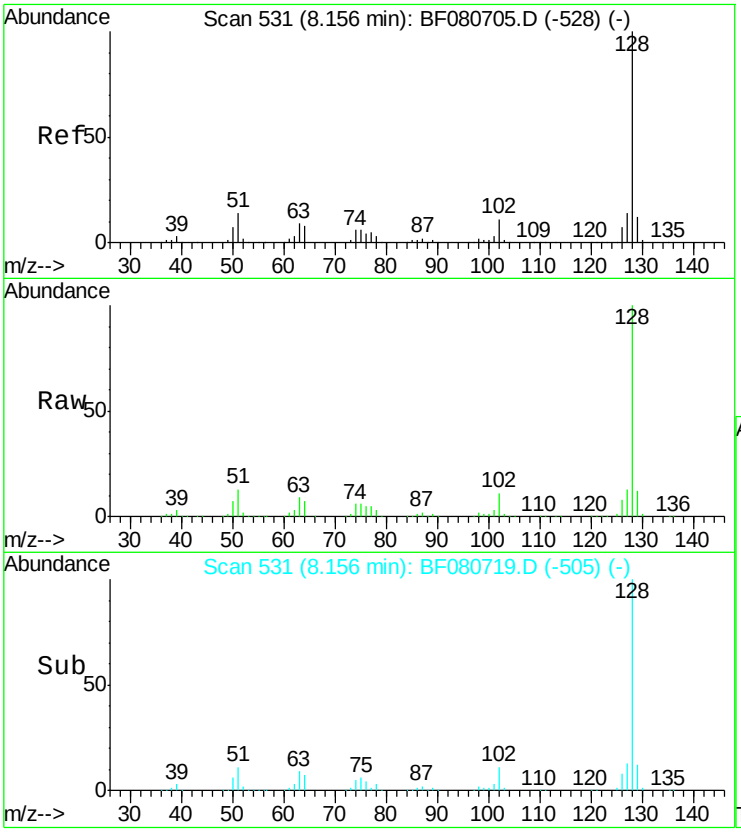


#30
1,2,4-Trichlorobenzene
Concen: 38.78 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:180 Resp: 400595

Ion	Ratio	Lower	Upper
180	100		
182	100.8	79.8	119.8
145	36.9	29.8	44.6

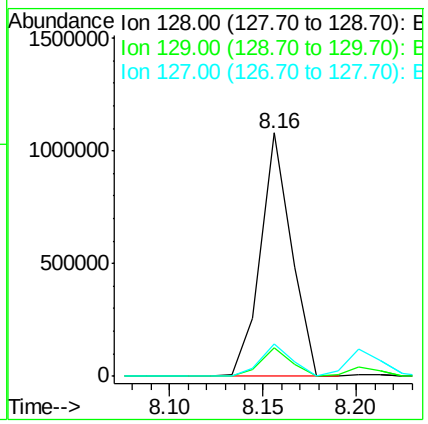




#31
Naphthalene
Concen: 37.20 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:128 Resp: 1254333

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.5	14.3
127	13.5	11.0	16.6



Instrument :
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ClientSampleId :
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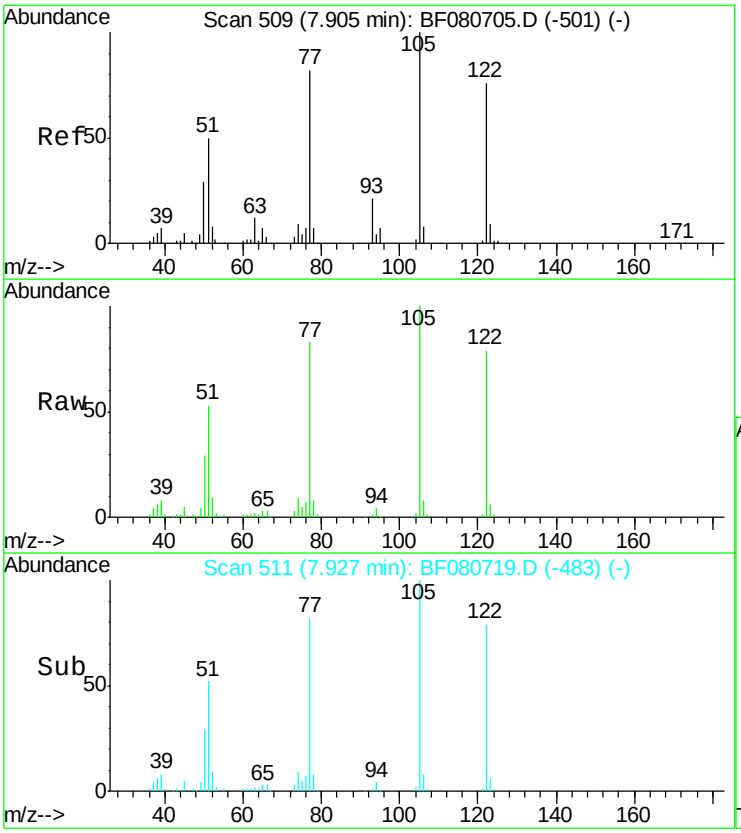
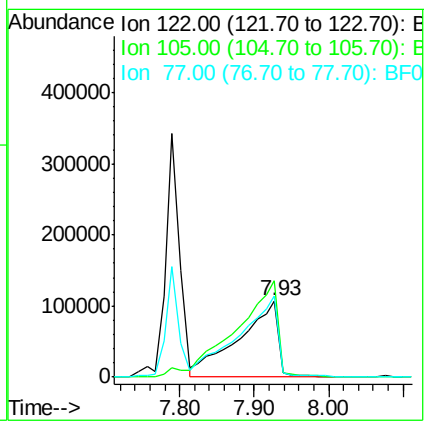
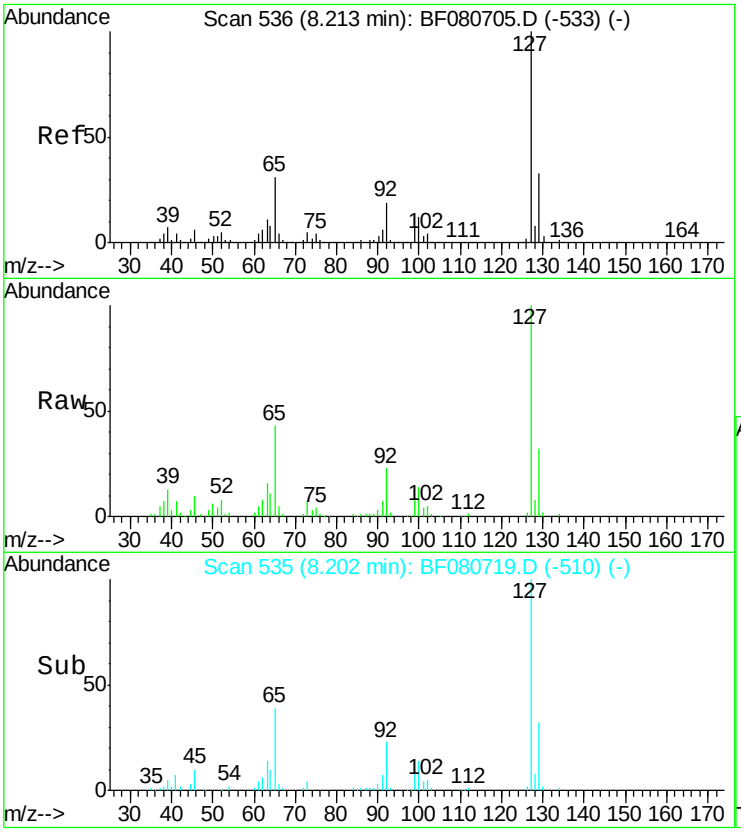


#32
Benzoic acid
Concen: 53.20 ng m
RT: 7.93 min Scan# 511
Delta R.T. 0.02 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:122 Resp: 397870

Ion	Ratio	Lower	Upper
122	100		
105	126.5	111.3	151.3
77	105.6	88.1	128.1

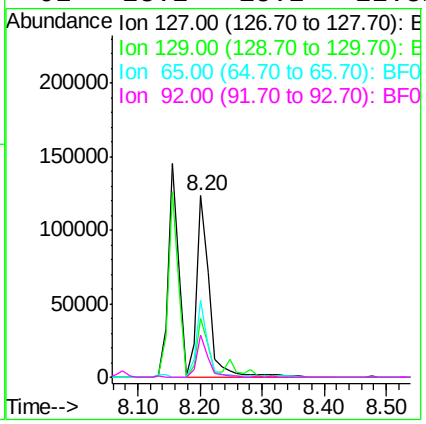




#33
4-Chloroaniline
Concen: 12.48 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:127 Resp: 177582

Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.7	40.1
65	42.6	24.5	36.7#
92	23.2	15.2	22.8#



Instrument :
BNA_F
ClientSampleId :
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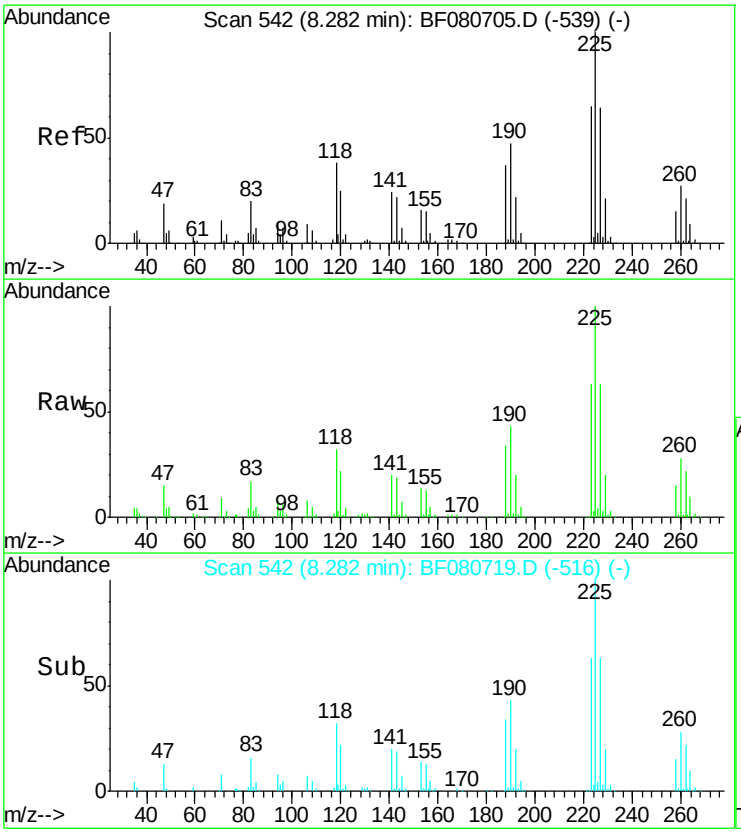
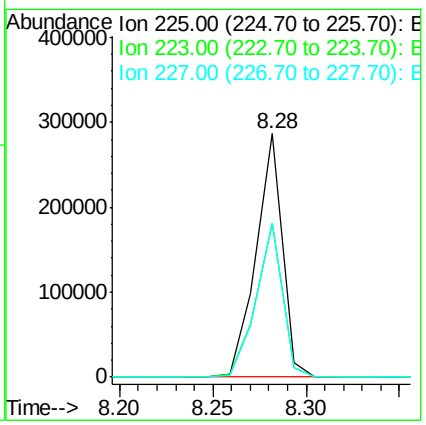
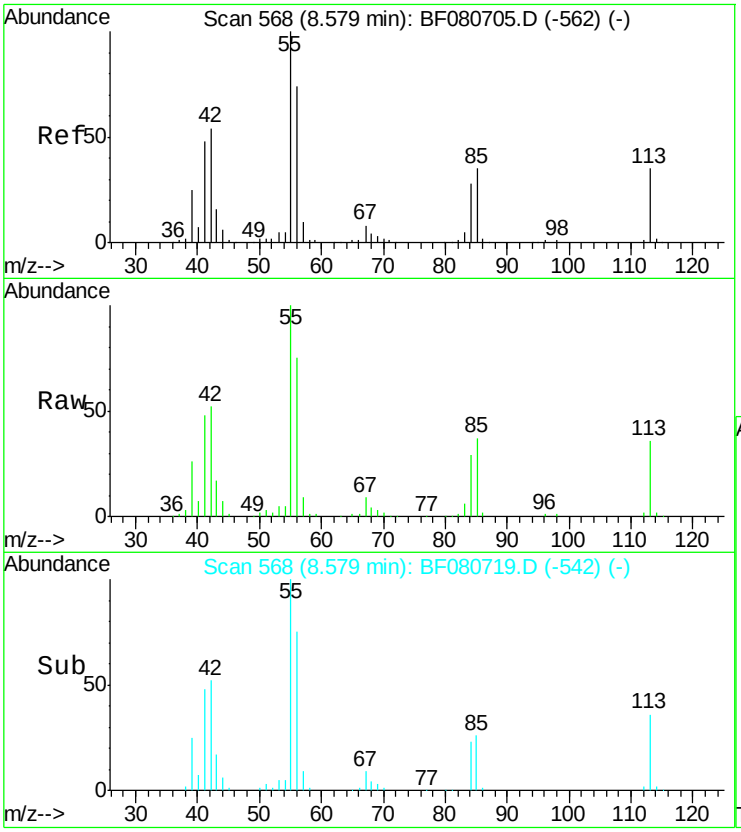


#34
Hexachlorobutadiene
Concen: 41.65 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:225 Resp: 277808

Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.7	77.5
227	63.2	51.0	76.4

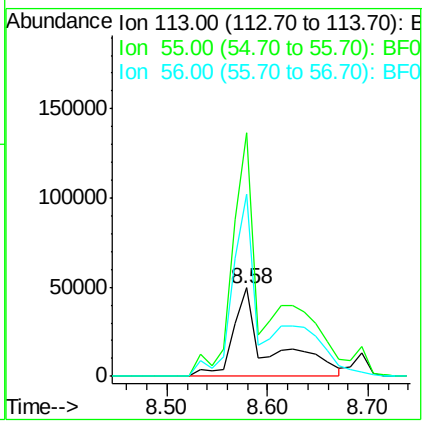




#35
Caprolactam
Concen: 43.30 ng m
RT: 8.58 min Scan# 568
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:113 Resp: 122842

Ion	Ratio	Lower	Upper
113	100		
55	275.6	269.3	309.3
56	206.7	193.3	233.3



Instrument :
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ClientSampleId :
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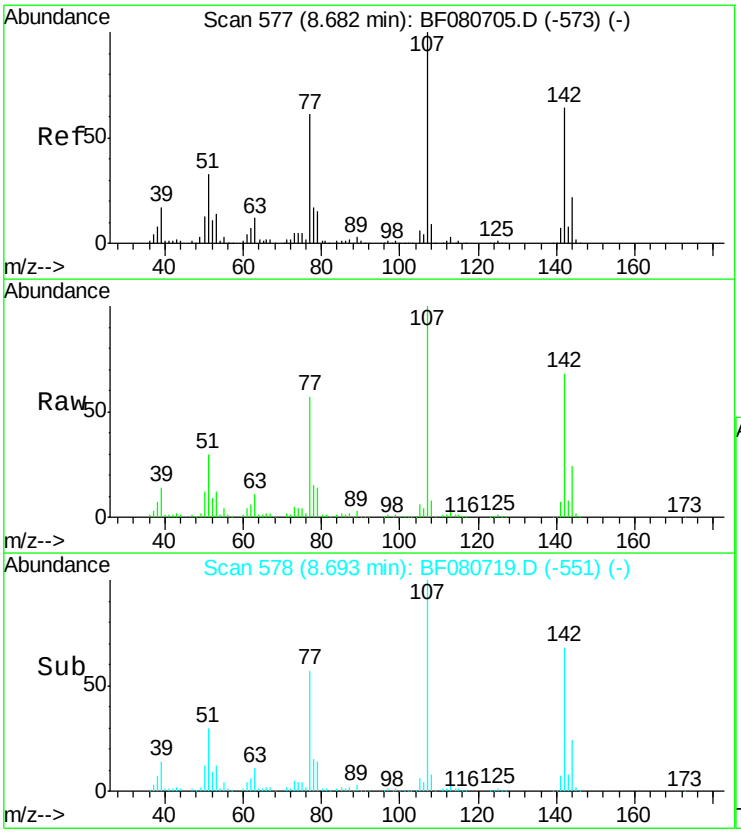
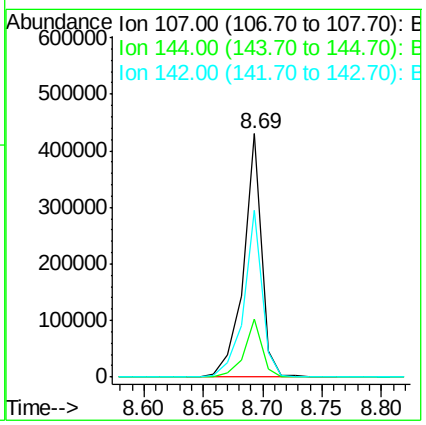
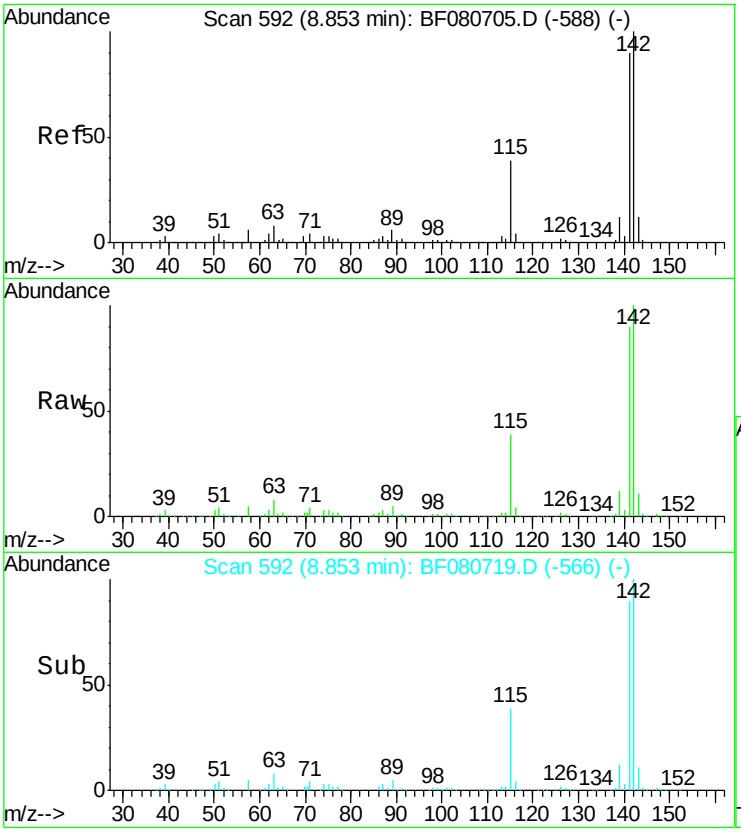


#36
4-Chloro-3-methylphenol
Concen: 45.09 ng
RT: 8.69 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:107 Resp: 460556

Ion	Ratio	Lower	Upper
107	100		
144	23.9	17.2	25.8
142	68.5	51.2	76.8

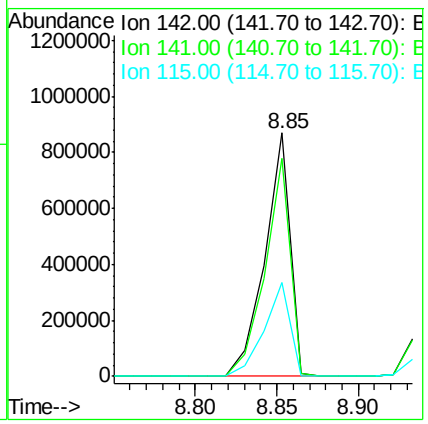




#37
2-Methylnaphthalene
Concen: 44.45 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:142 Resp: 941011

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.9	107.9
115	38.6	31.4	47.2



Instrument :
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ClientSampleId :
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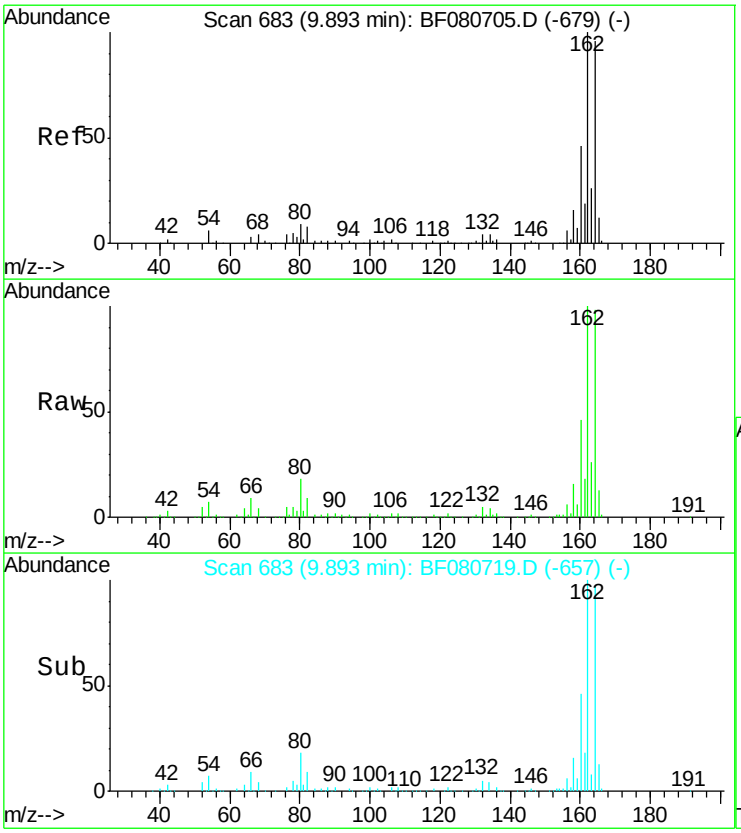
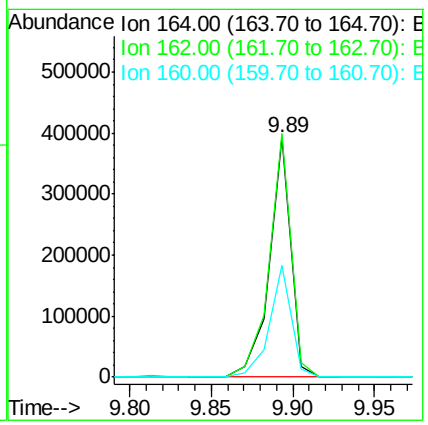
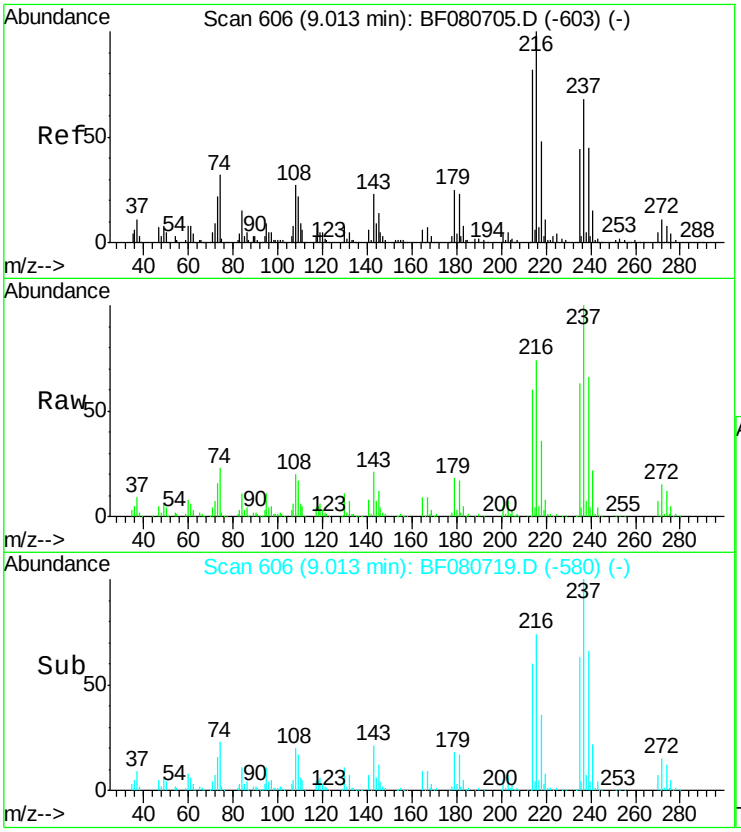


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:164 Resp: 357075

Ion	Ratio	Lower	Upper
164	100		
162	101.7	83.4	125.0
160	47.0	38.0	57.0

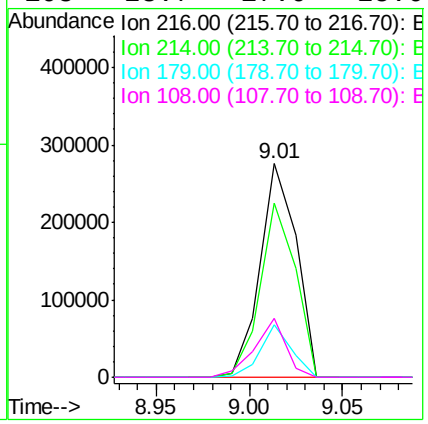




#39
1,2,4,5-Tetrachlorobenzene
Concen: 33.13 ng
RT: 9.01 min Scan# 606
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:216 Resp: 371469

Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.1	94.7
179	21.5	16.9	25.3
108	23.7	17.0	25.6



Instrument :
BNA_F
ClientSampleId :
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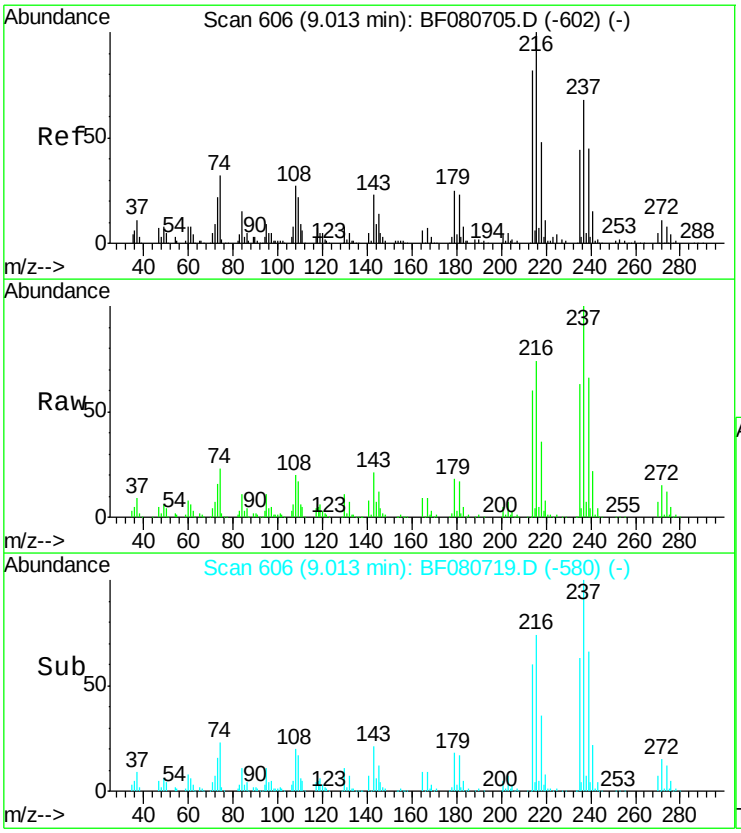
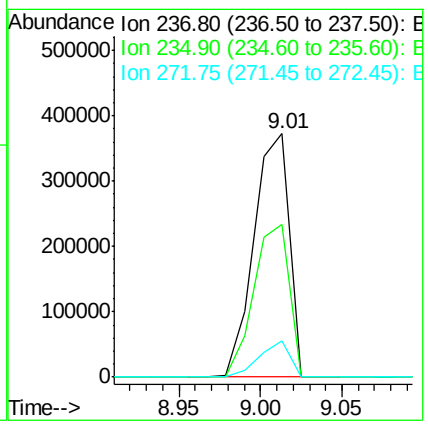
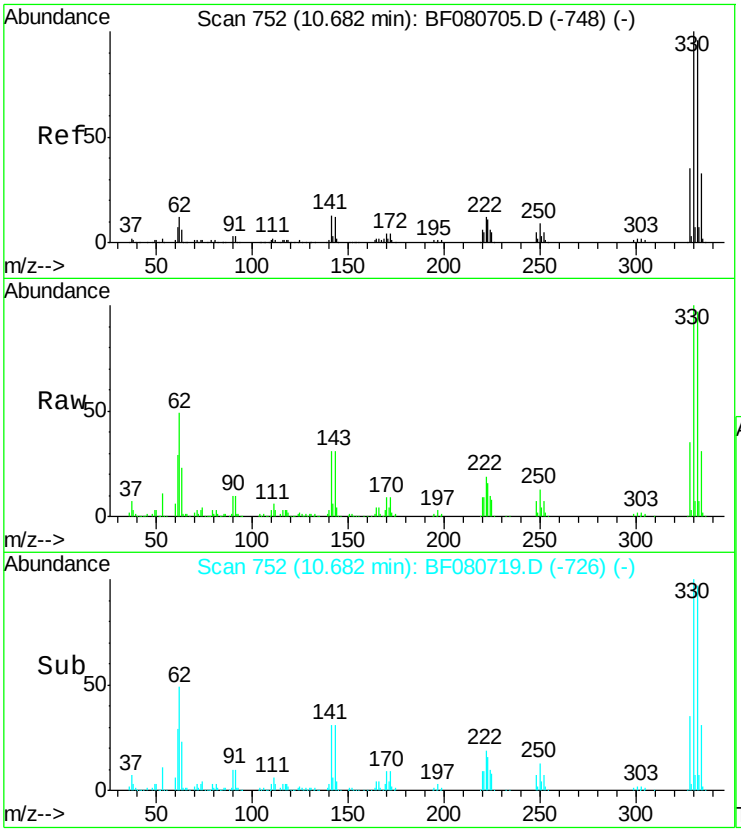


#40
Hexachlorocyclopentadiene
Concen: 81.08 ng
RT: 9.01 min Scan# 606
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:237 Resp: 559369

Ion	Ratio	Lower	Upper
237	100		
235	62.5	44.3	84.3
272	14.9	0.0	35.5

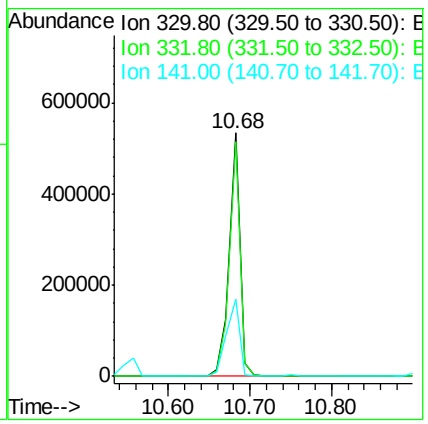




#41
2,4,6-Tribromophenol
Concen: 131.67 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:330 Resp: 487851

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	38.2	26.0	39.0



Instrument :
BNA_F
ClientSampleId :
PB84616BS

Manual Integrations APPROVED
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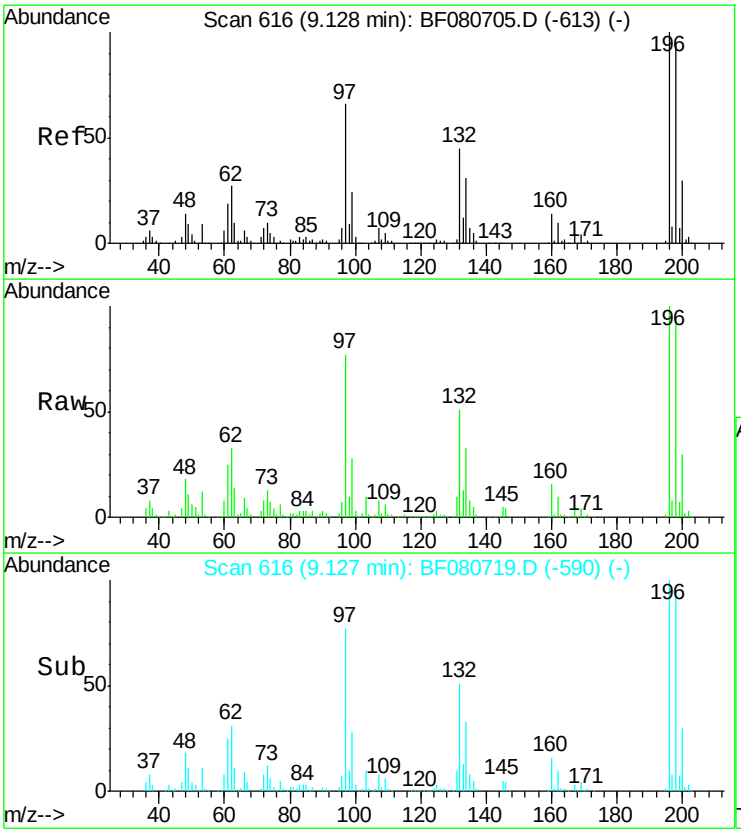
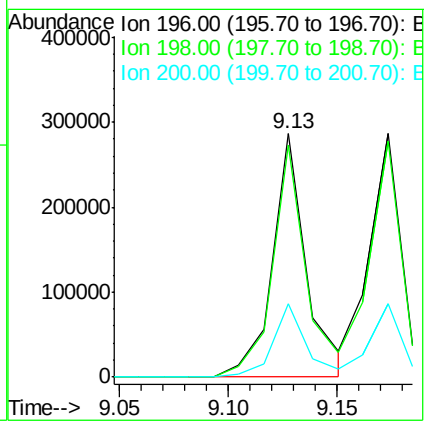
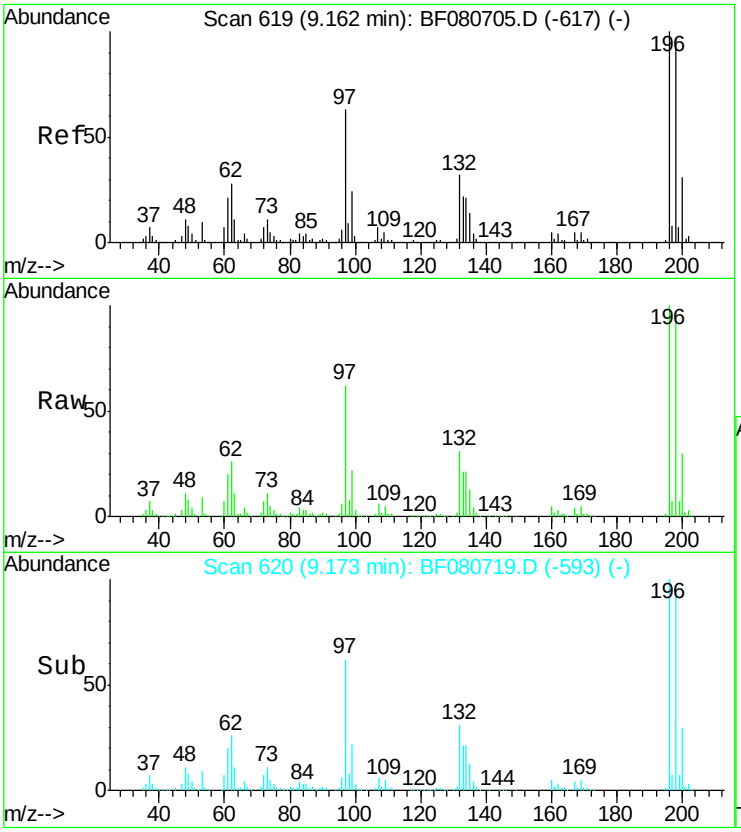


#42
2,4,6-Trichlorophenol
Concen: 40.11 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:196 Resp: 312917

Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.8	113.8
200	30.3	24.2	36.2

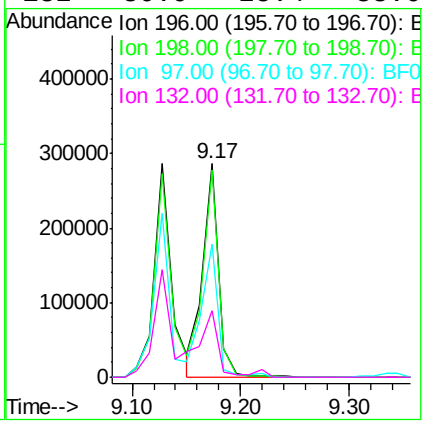




#43
2,4,5-Trichlorophenol
Concen: 38.17 ng
RT: 9.17 min Scan# 620
Delta R.T. 0.01 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:196 Resp: 295352

Ion	Ratio	Lower	Upper
196	100		
198	97.0	77.8	116.8
97	62.1	49.0	73.4
132	30.9	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
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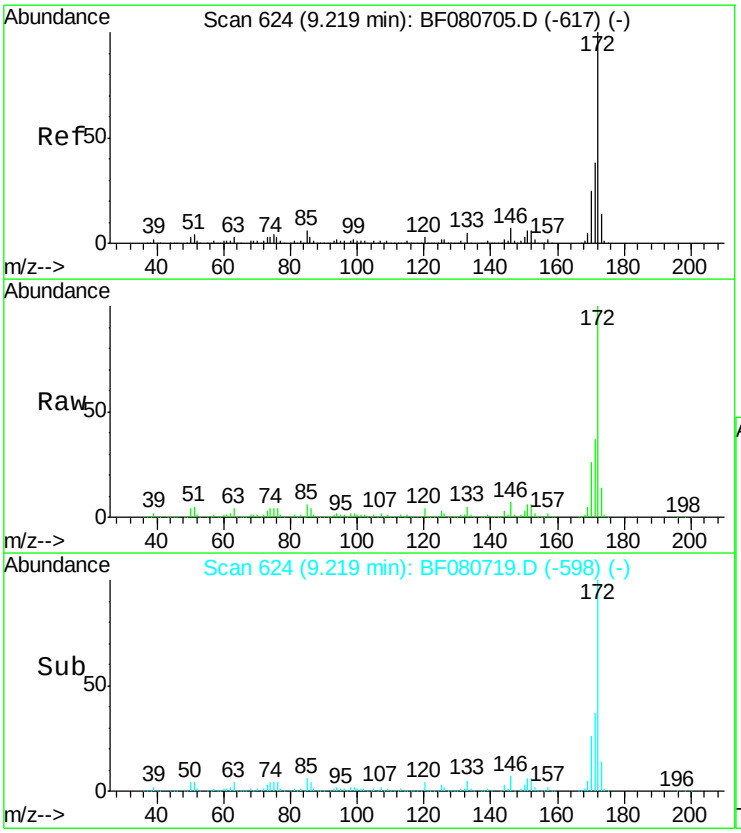
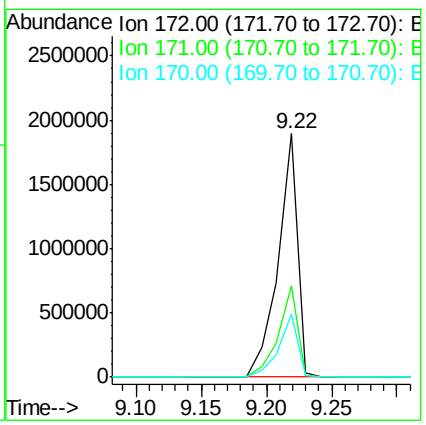
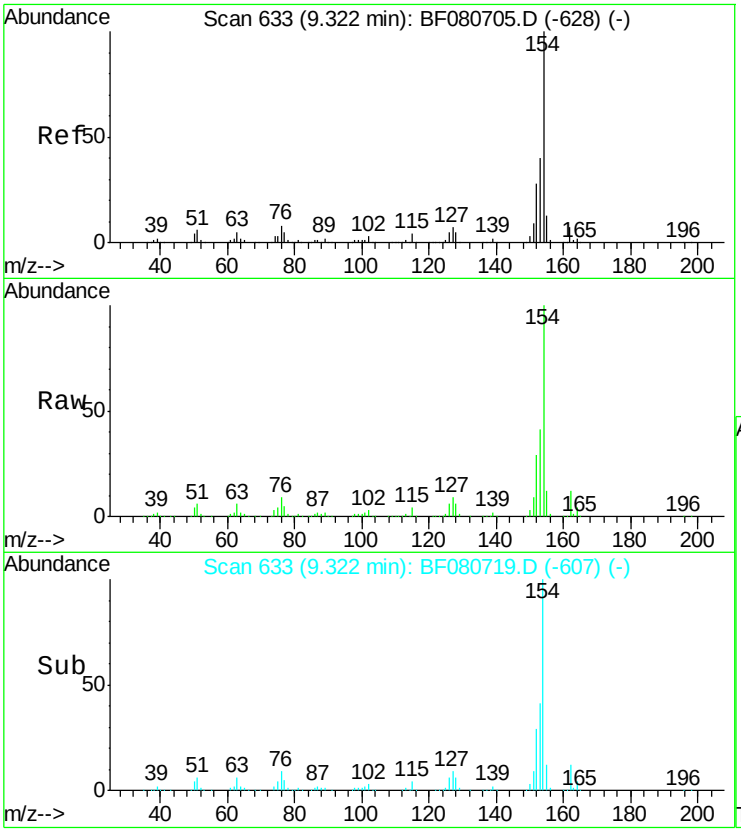


#44
2-Fluorobiphenyl
Concen: 83.12 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:172 Resp: 1989426

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.2	45.4
170	25.7	20.2	30.2

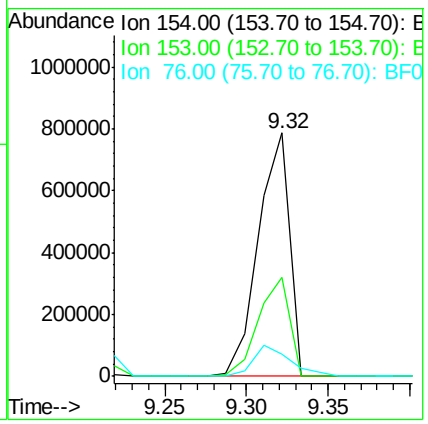




#45
1,1'-Biphenyl
Concen: 38.10 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:154 Resp: 1043171

Ion	Ratio	Lower	Upper
154	100		
153	40.7	19.9	59.9
76	8.9	0.0	28.3



Instrument :
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ClientSampleId :
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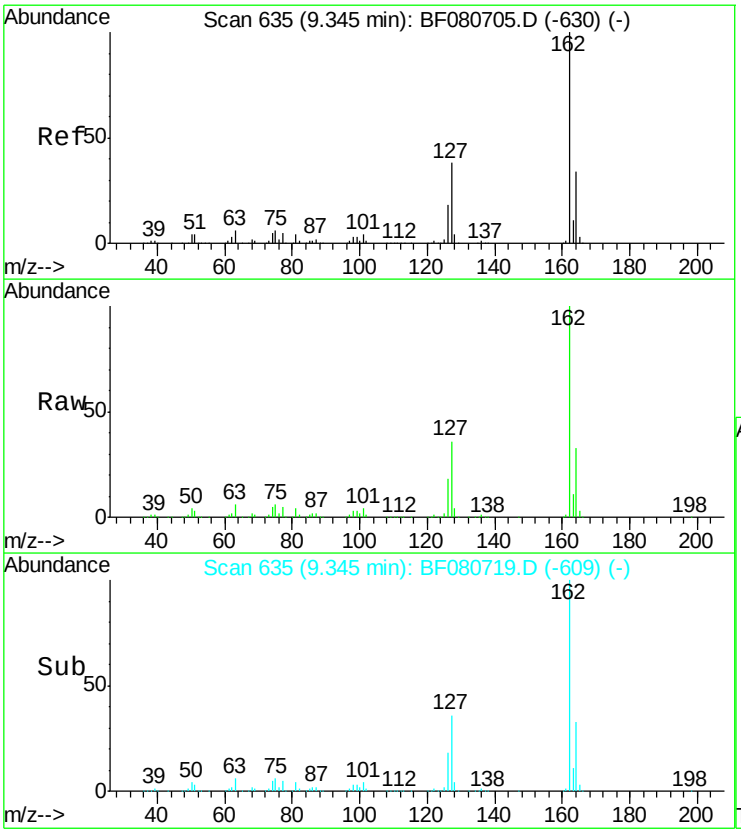
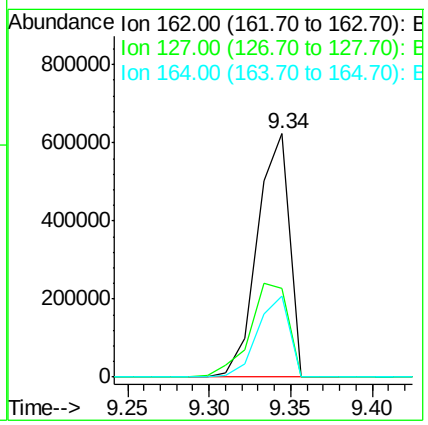
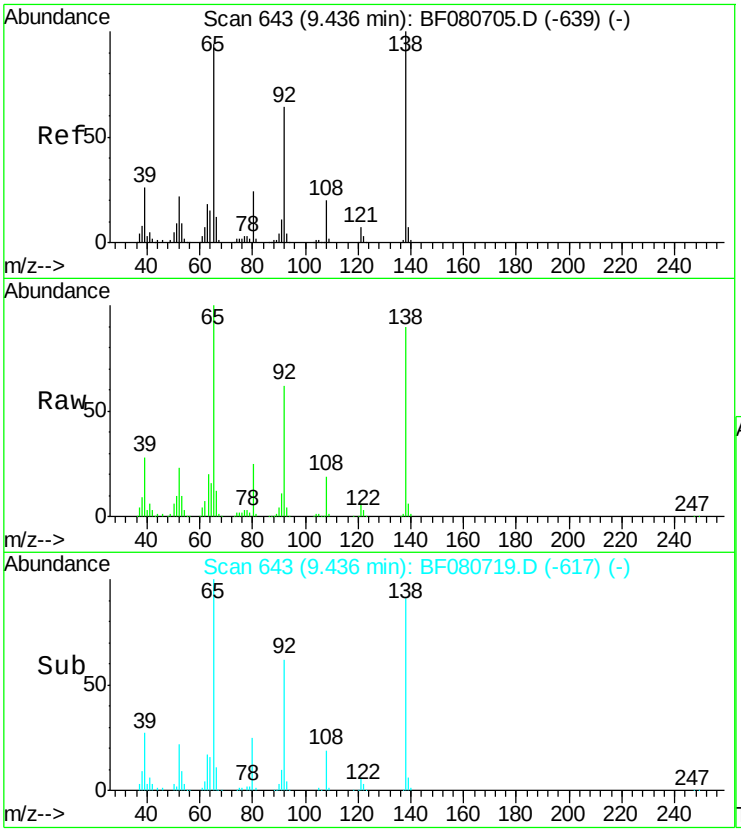


#46
2-Chloronaphthalene
Concen: 37.99 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:162 Resp: 849549

Ion	Ratio	Lower	Upper
162	100		
127	36.4	30.2	45.4
164	33.1	27.1	40.7

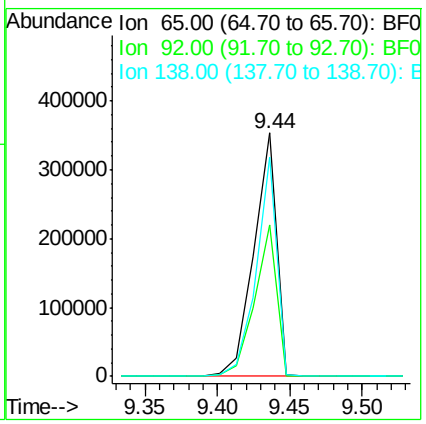




#47
2-Nitroaniline
Concen: 44.21 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion: 65 Resp: 384660

Ion	Ratio	Lower	Upper
65	100		
92	62.1	54.9	82.3
138	90.3	85.1	127.7



Instrument :
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ClientSampleId :
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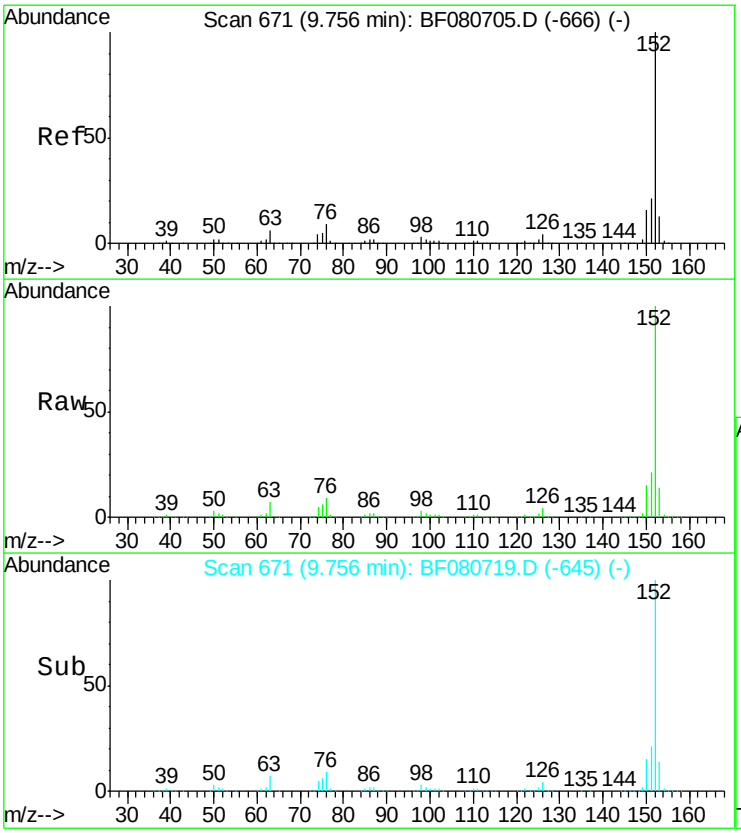
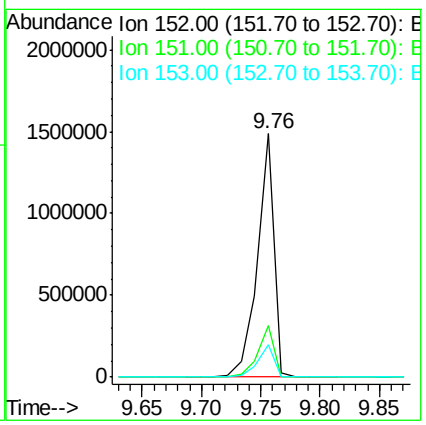
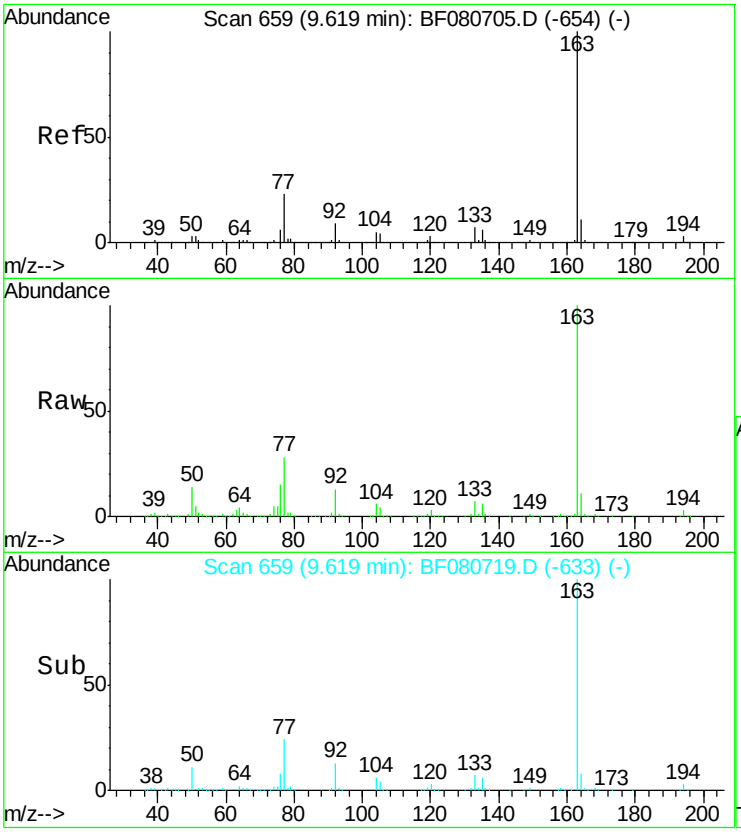


#48
Acenaphthylene
Concen: 40.84 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:152 Resp: 1452147

Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.0	25.6
153	13.5	10.8	16.2

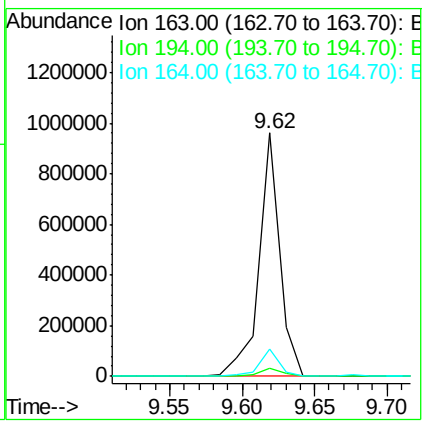




#49
Dimethylphthalate
Concen: 38.08 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:163 Resp: 958331

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	11.0	8.7	13.1



Instrument :
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ClientSampleId :
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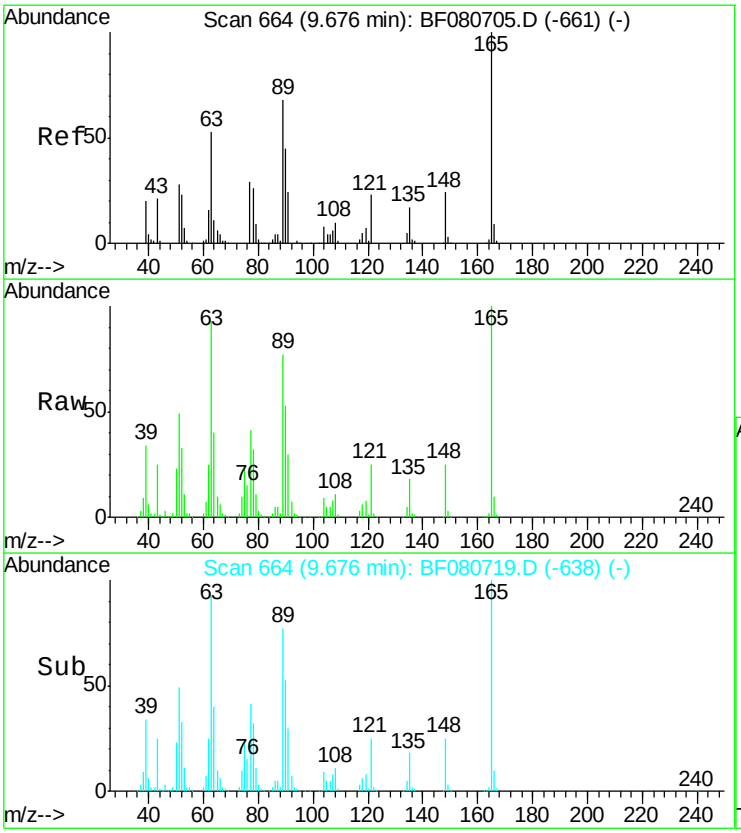
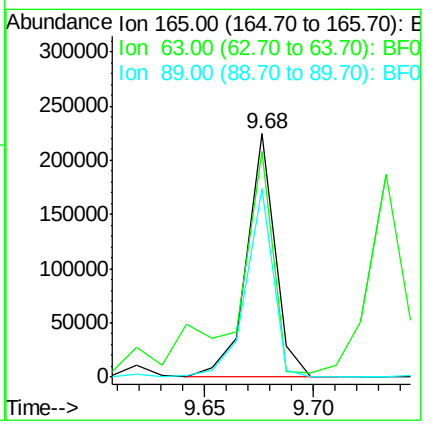
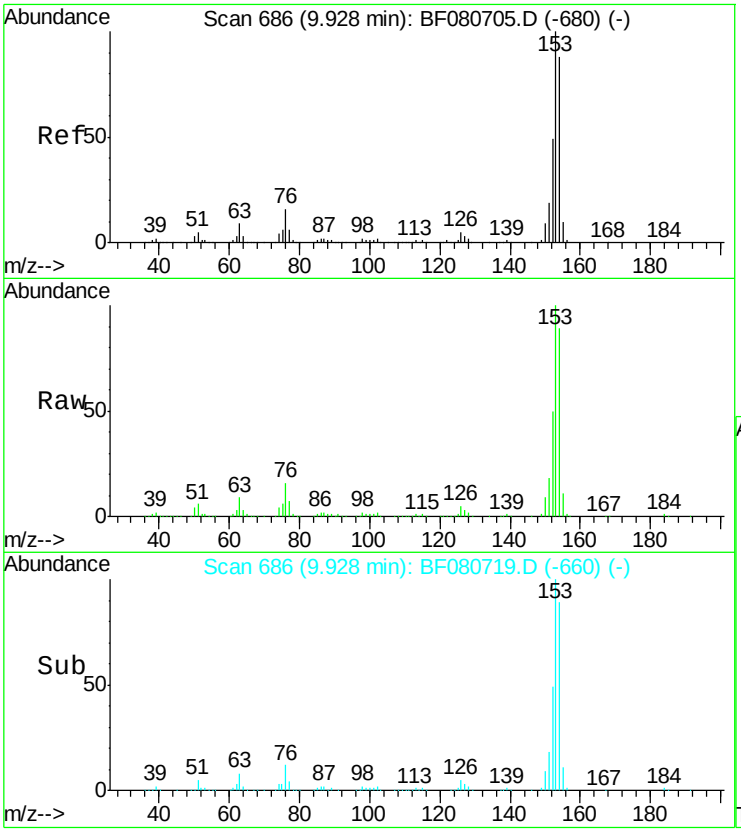


#50
2,6-Dinitrotoluene
Concen: 38.38 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:165 Resp: 204959

Ion	Ratio	Lower	Upper
165	100		
63	92.7	62.3	93.5
89	77.3	54.8	82.2

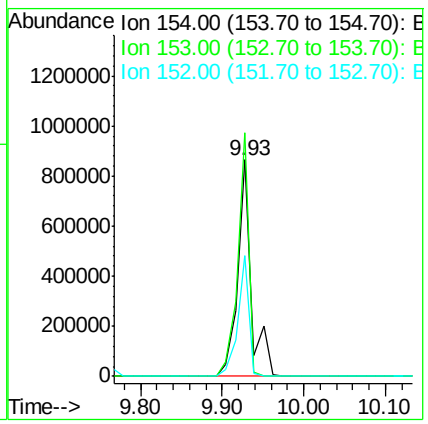




#51
Acenaphthene
Concen: 46.67 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:154 Resp: 1012477

Ion	Ratio	Lower	Upper
154	100		
153	112.4	90.7	136.1
152	55.6	44.2	66.4



Instrument :
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ClientSampleId :
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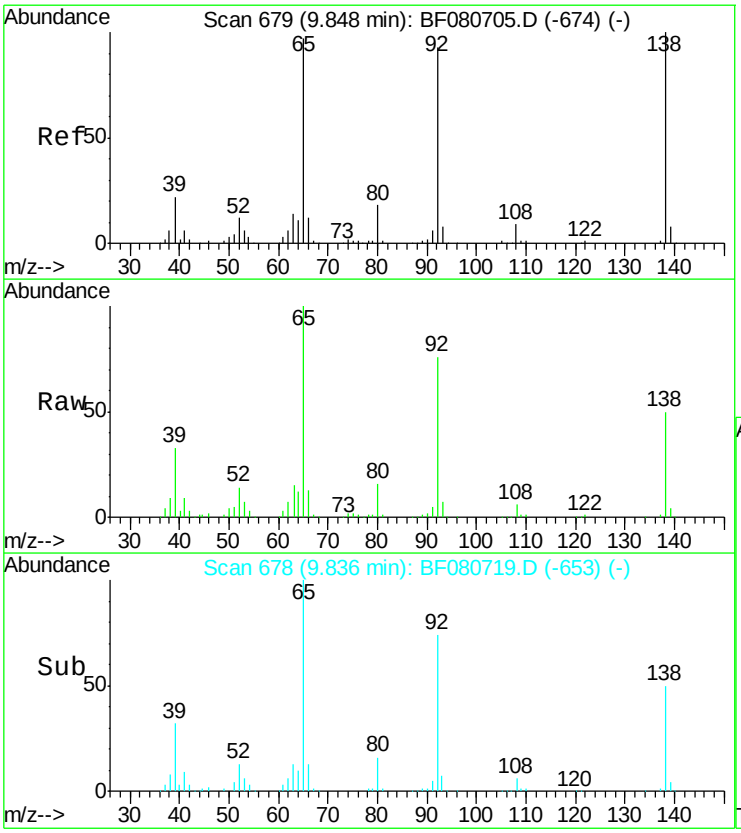
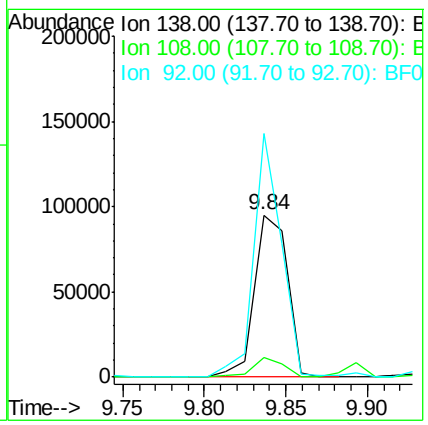
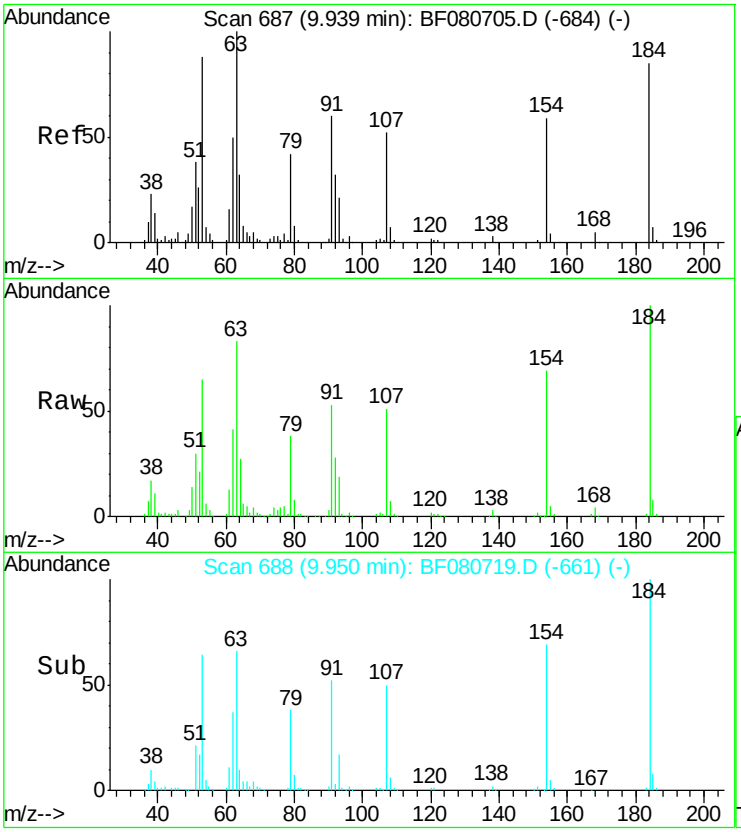


#52
3-Nitroaniline
Concen: 21.77 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:138 Resp: 134180

Ion	Ratio	Lower	Upper
138	100		
108	12.2	6.9	10.3#
92	150.2	74.1	111.1#

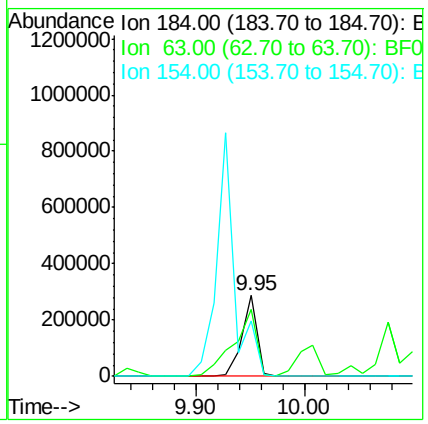




#53
2,4-Dinitrophenol
Concen: 95.50 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:184 Resp: 271622

Ion	Ratio	Lower	Upper
184	100		
63	83.4	96.0	144.0#
154	69.0	66.0	99.0



Instrument :
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ClientSampleId :
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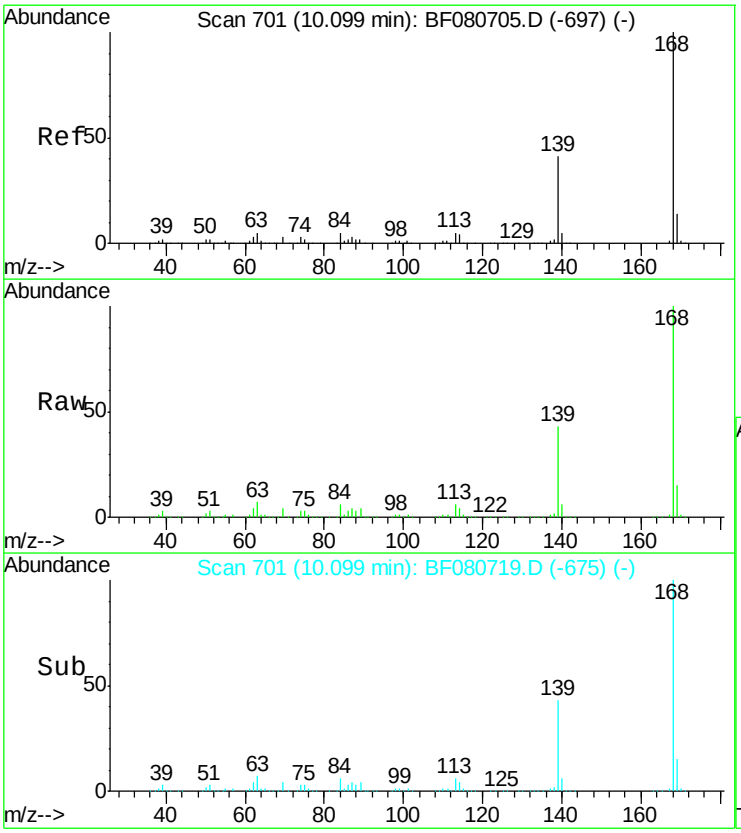
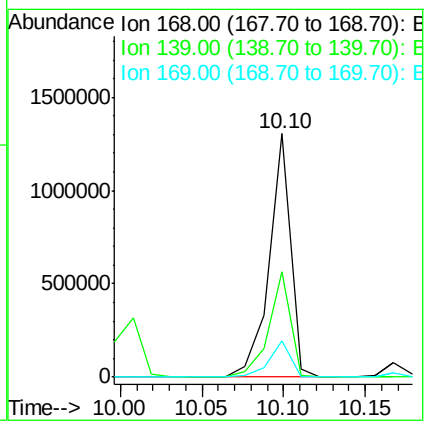
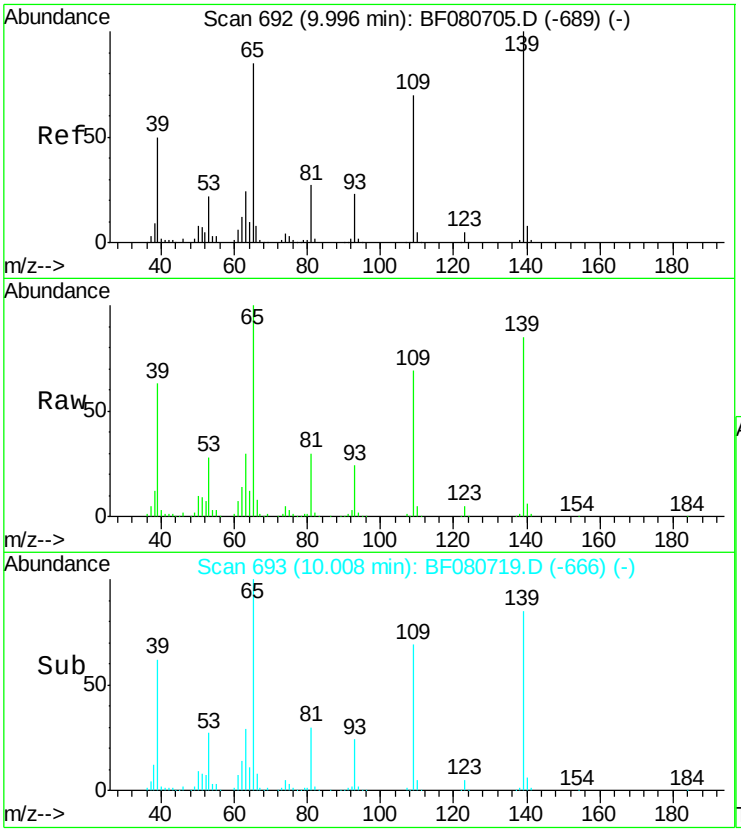


#54
Dibenzofuran
Concen: 41.05 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:168 Resp: 1191005

Ion	Ratio	Lower	Upper
168	100		
139	43.2	33.0	49.6
169	15.0	11.4	17.2





#55
4-Nitrophenol
Concen: 85.05 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:139 Resp: 386153

Ion	Ratio	Lower	Upper
139	100		
109	81.4	50.4	90.4
65	117.1	66.1	106.1#

Instrument :
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ClientSampleId :
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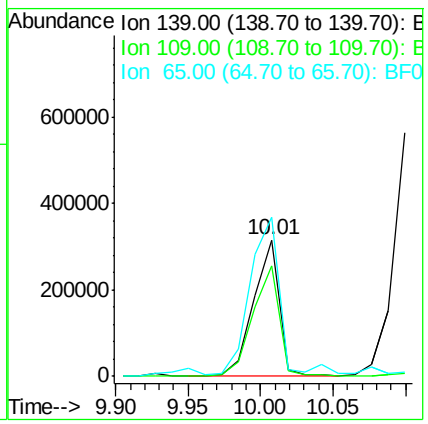
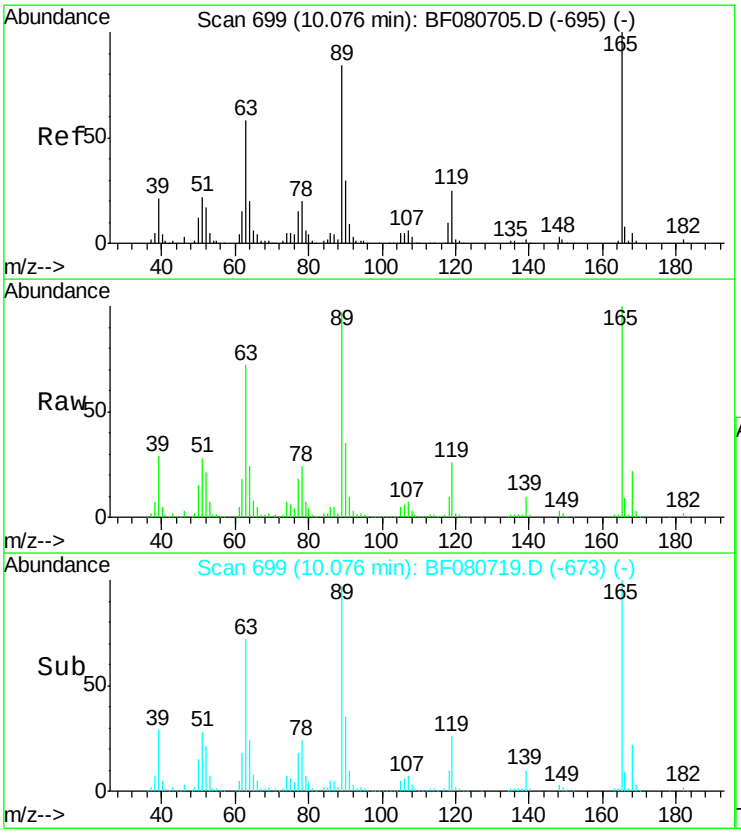
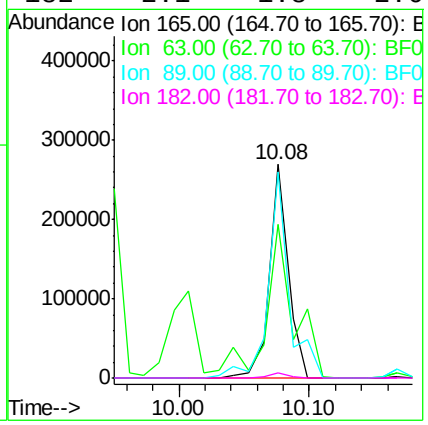


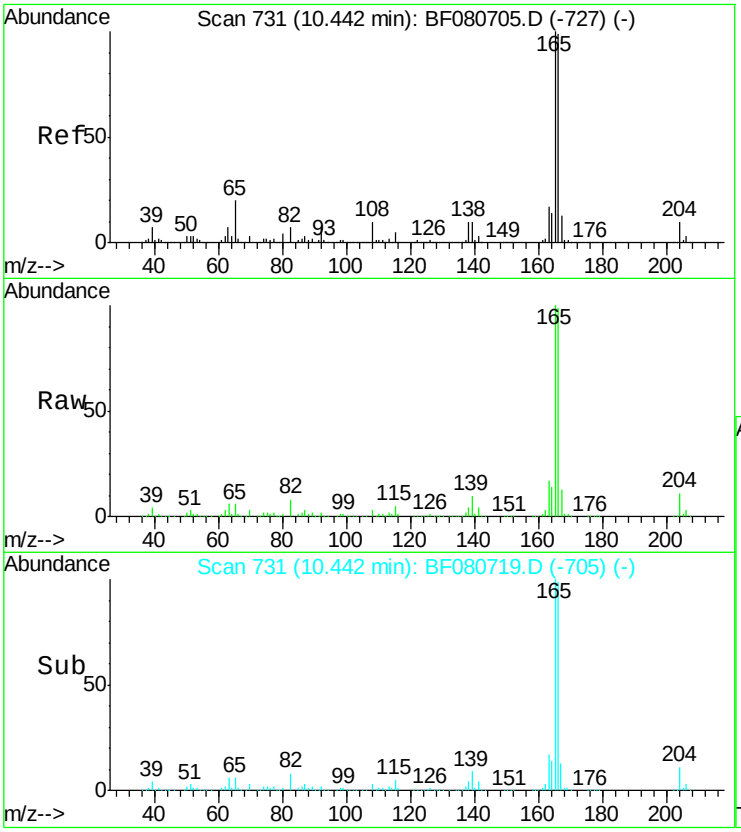


#56
2,4-Dinitrotoluene
Concen: 39.06 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:165 Resp: 273515

Ion	Ratio	Lower	Upper
165	100		
63	71.7	46.7	70.1#
89	96.7	67.4	101.2
182	2.1	1.8	2.6

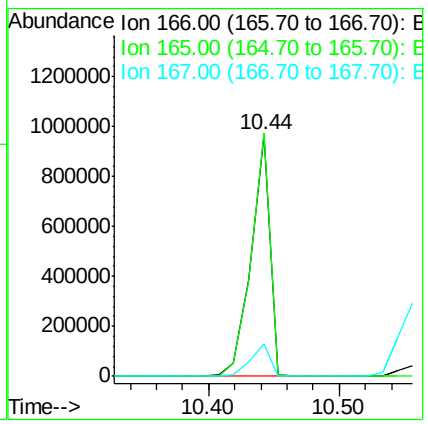




#57
Fluorene
Concen: 43.12 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:166 Resp: 970950

Ion	Ratio	Lower	Upper
166	100		
165	100.9	81.0	121.4
167	13.3	10.8	16.2



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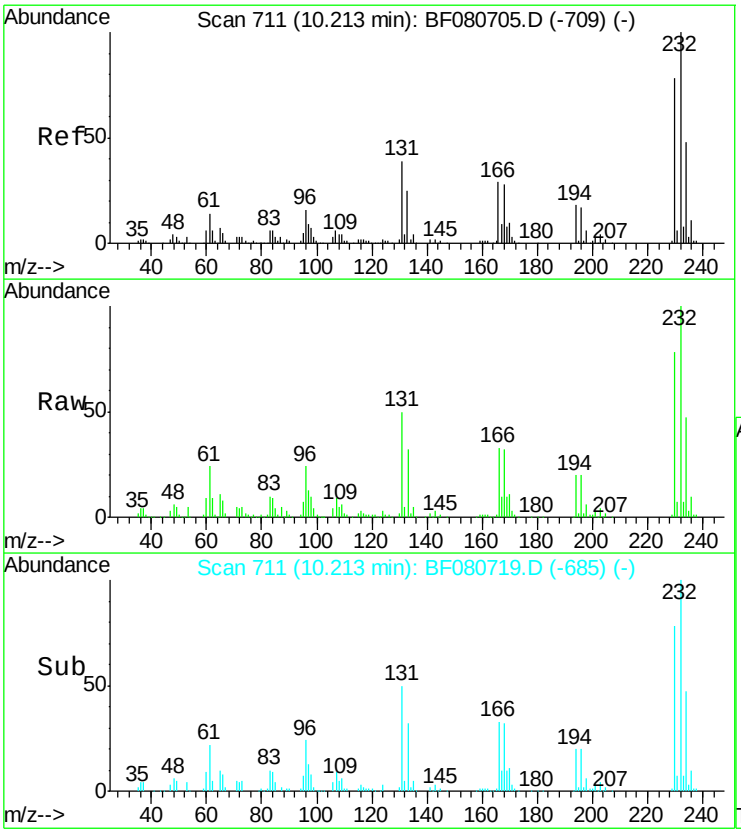
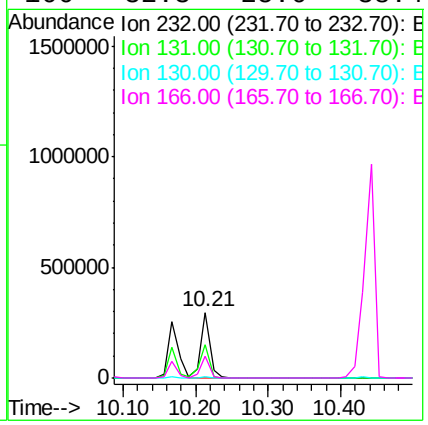
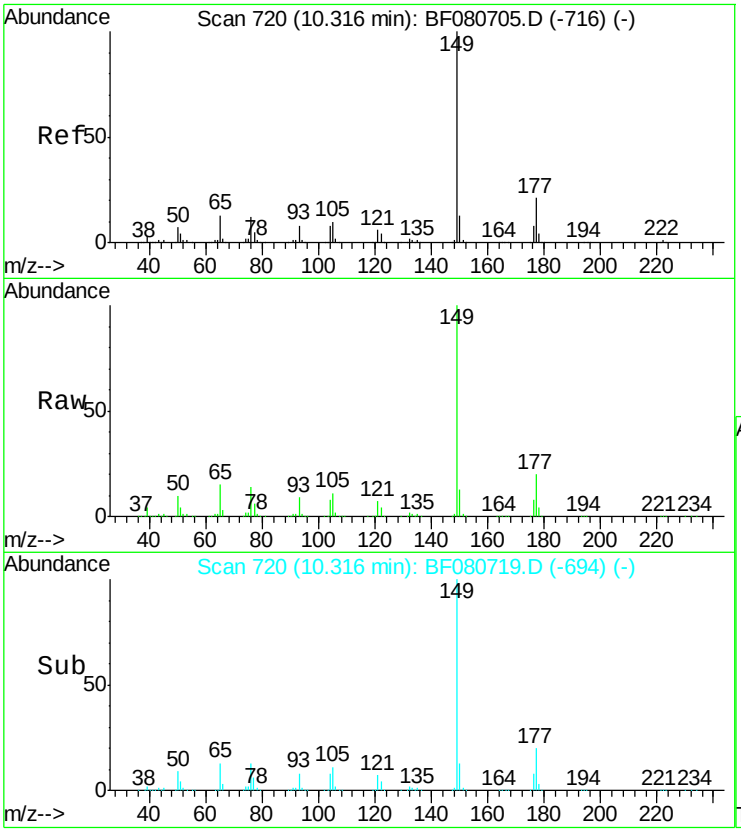


#58
2,3,4,6-Tetrachlorophenol
Concen: 45.84 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:232 Resp: 267483

Ion	Ratio	Lower	Upper
232	100		
131	51.6	38.2	57.2
130	2.5	1.8	2.6
166	32.3	25.6	38.4

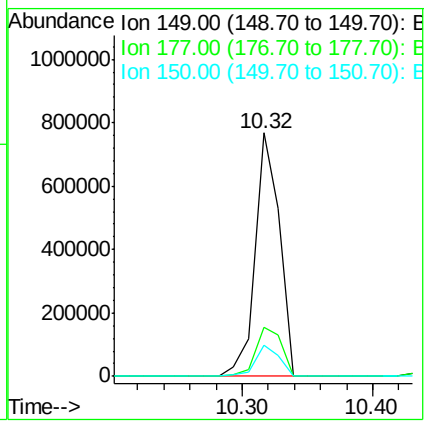




#59
Diethylphthalate
Concen: 41.05 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:149 Resp: 995660

Ion	Ratio	Lower	Upper
149	100		
177	20.2	16.6	25.0
150	12.7	10.2	15.4



Instrument :
BNA_F
ClientSampleId :
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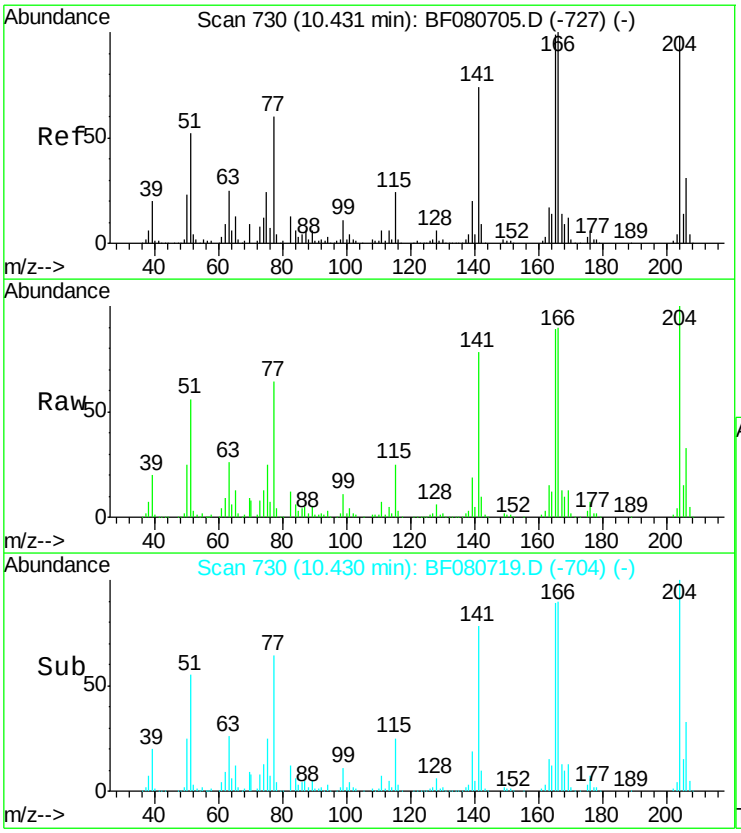
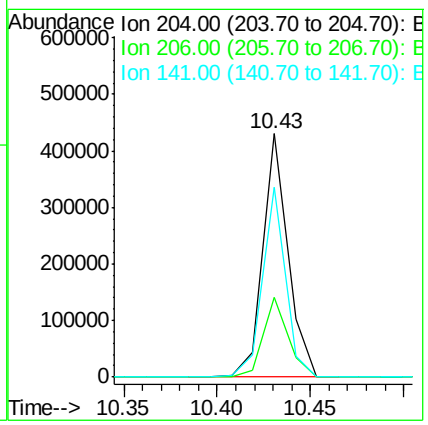
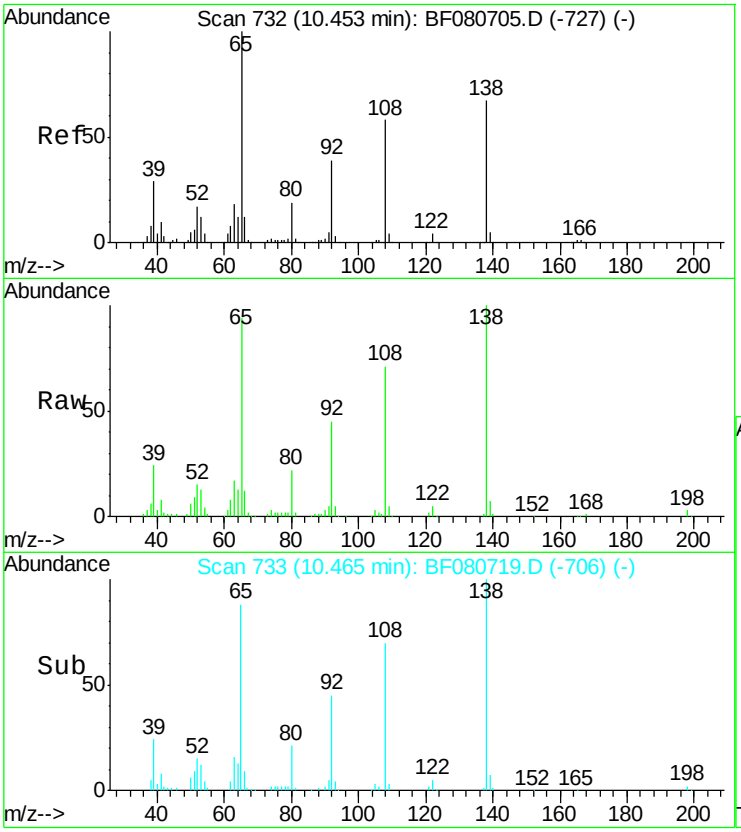


#60
4-Chlorophenyl-phenylether
Concen: 40.76 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:204 Resp: 398440

Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.1	37.7
141	77.9	60.3	90.5

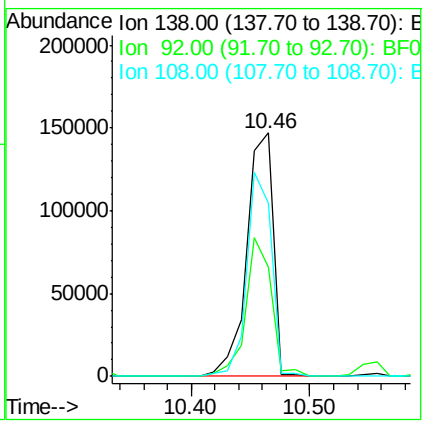




#61
4-Nitroaniline
Concen: 41.32 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:138 Resp: 229911

Ion	Ratio	Lower	Upper
138	100		
92	45.0	38.2	78.2
108	71.2	66.3	106.3



Instrument :
BNA_F
ClientSampleId :
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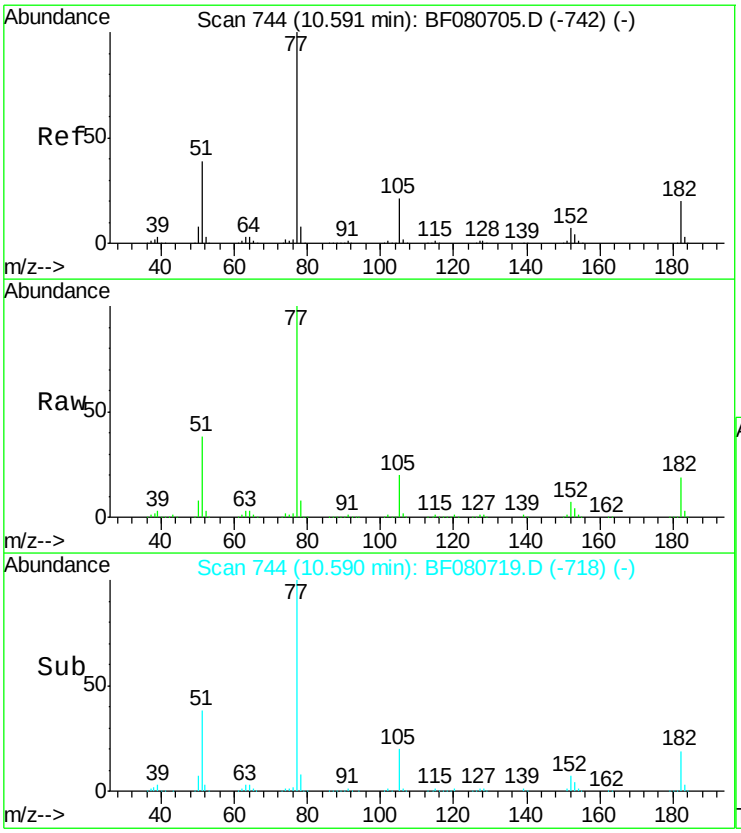
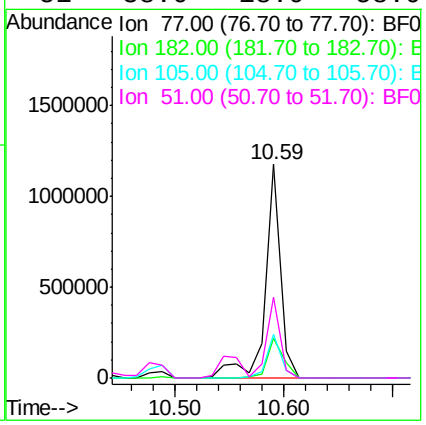
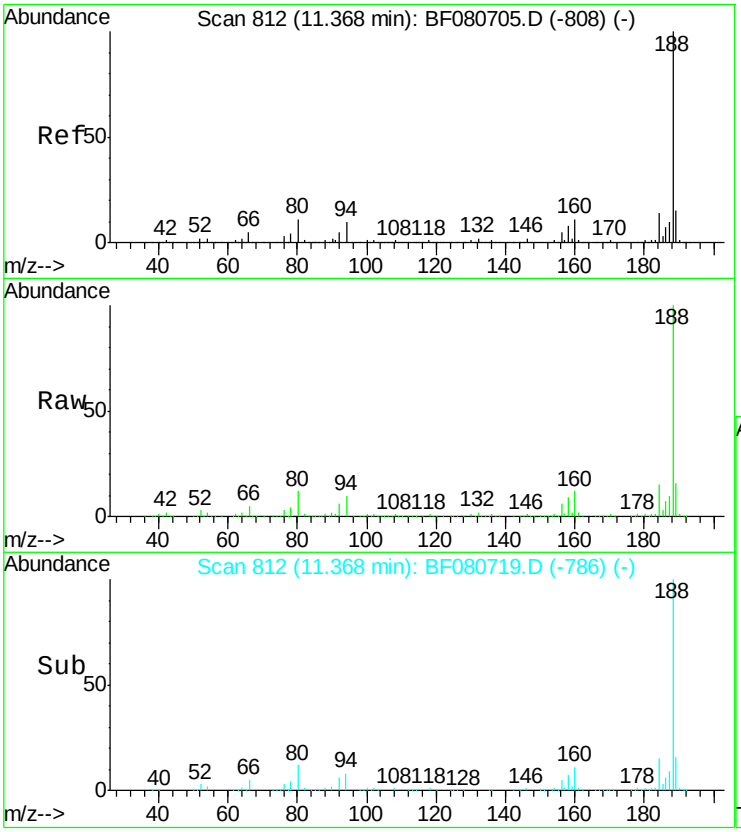


#62
Azobenzene
Concen: 44.28 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion: 77 Resp: 1163442

Ion	Ratio	Lower	Upper
77	100		
182	18.6	0.0	39.9
105	20.5	1.1	41.1
51	38.0	18.9	58.9

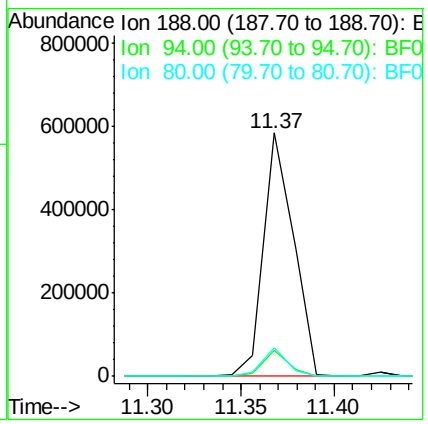




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:188 Resp: 652640

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.1	12.1
80	11.8	9.1	13.7



Instrument :
BNA_F
ClientSampleId :
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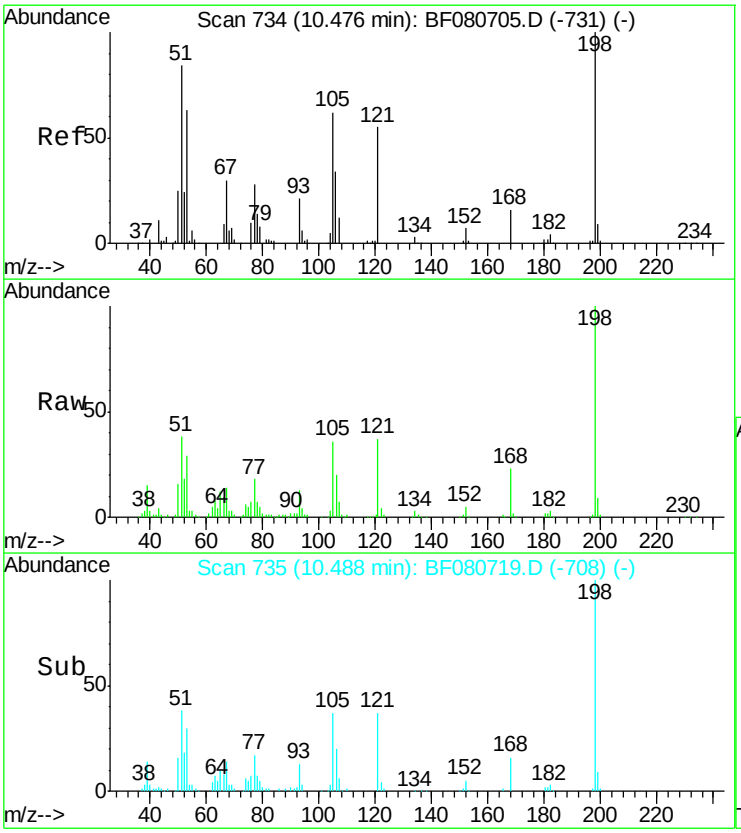
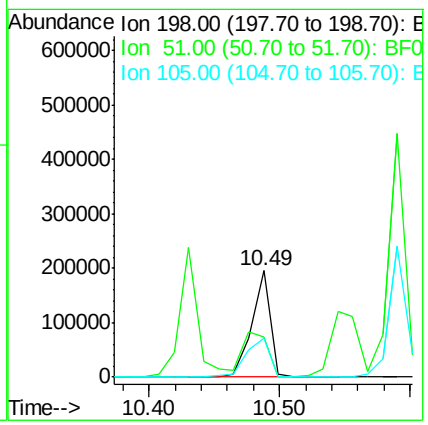
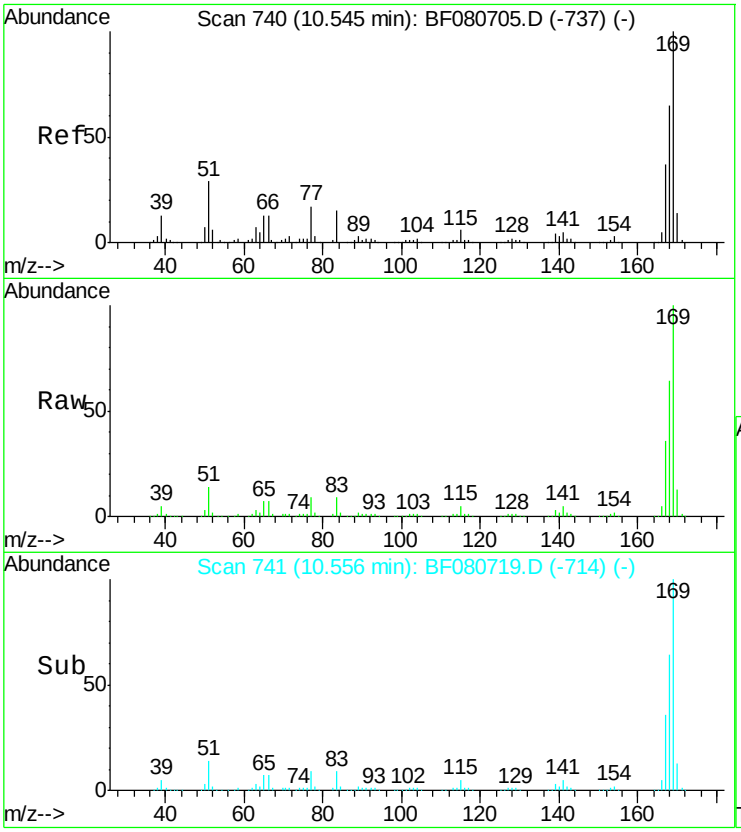


#64
4,6-Dinitro-2-methylphenol
Concen: 48.37 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:198 Resp: 190100

Ion	Ratio	Lower	Upper
198	100		
51	37.7	84.6	124.6#
105	36.3	43.0	83.0#

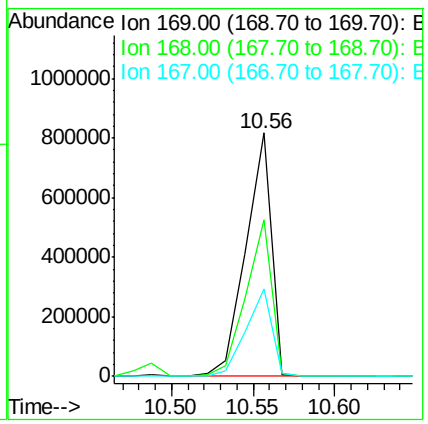




#65
n-Nitrosodiphenylamine
Concen: 41.62 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.01 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:169 Resp: 890389

Ion	Ratio	Lower	Upper
169	100		
168	64.1	52.1	78.1
167	35.9	29.3	43.9



Instrument :
BNA_F
ClientSampleId :
PB84616BS

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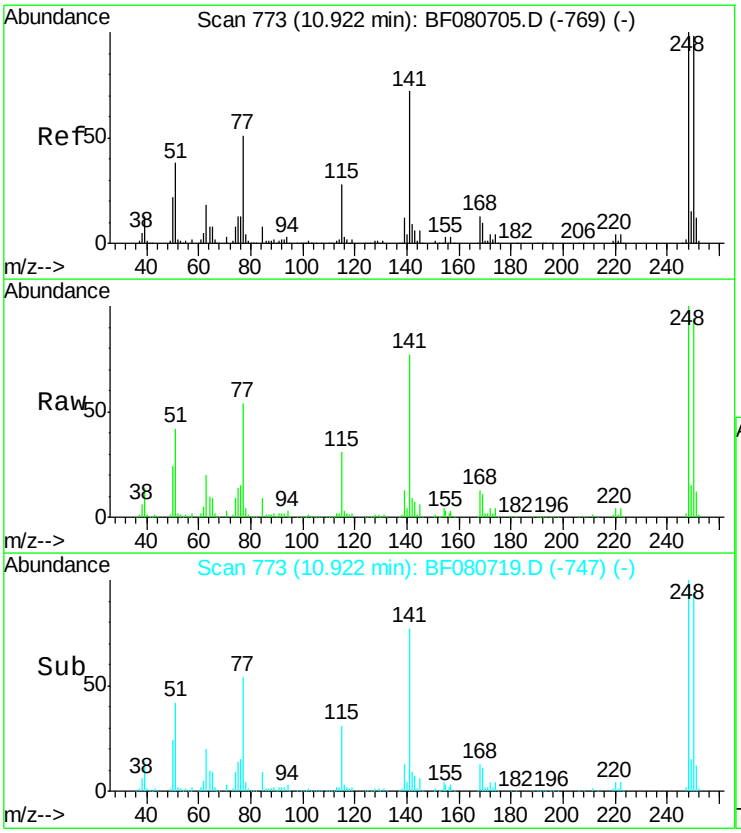
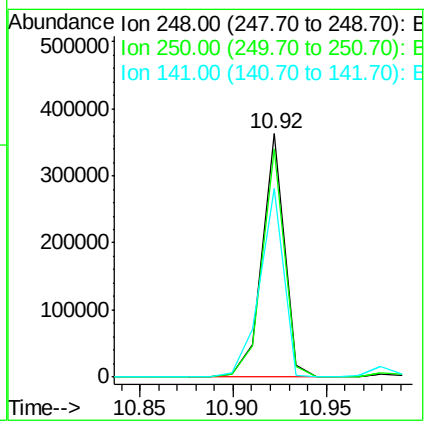
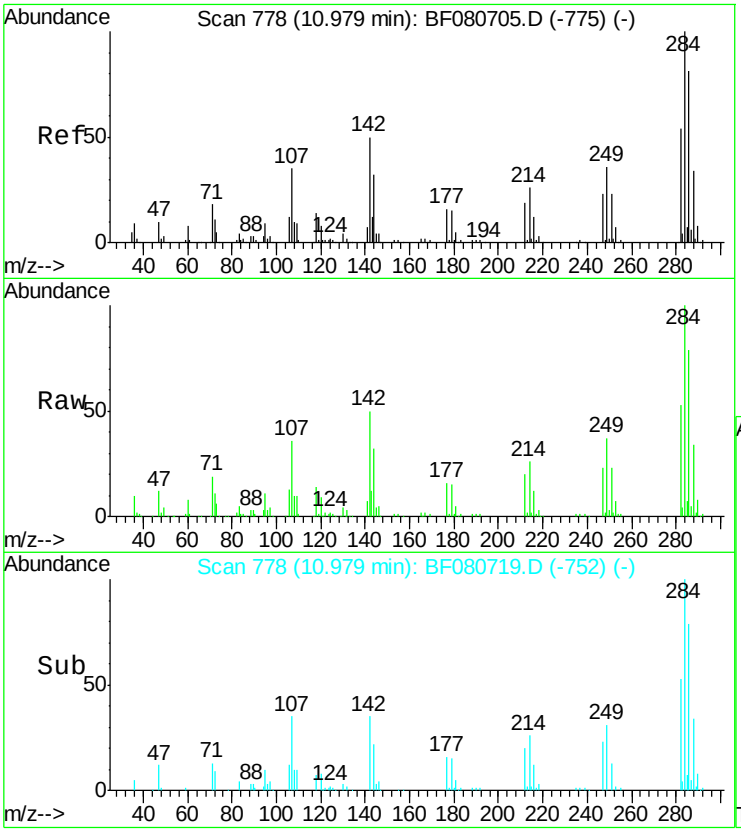


#66
4-Bromophenyl-phenylether
Concen: 44.19 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:248 Resp: 297696

Ion	Ratio	Lower	Upper
248	100		
250	93.9	78.4	117.6
141	77.3	57.5	86.3

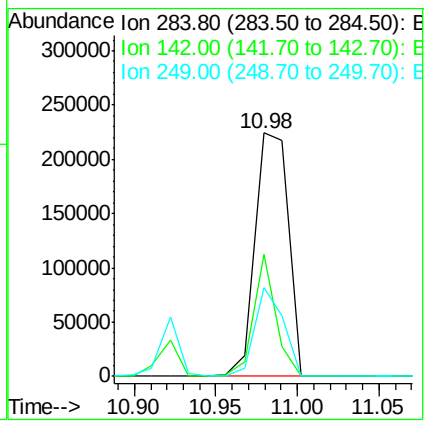




#67
Hexachlorobenzene
Concen: 40.76 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:284 Resp: 317519

Ion	Ratio	Lower	Upper
284	100		
142	49.9	39.8	59.6
249	36.6	28.7	43.1



Instrument :
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ClientSampleId :
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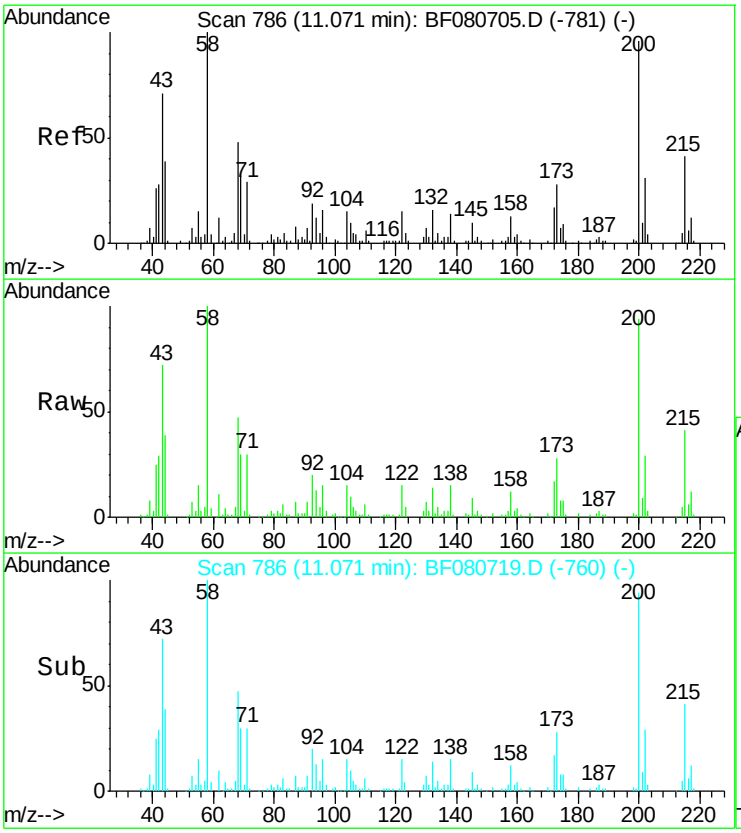
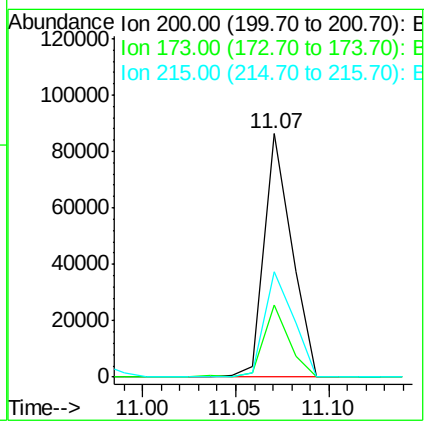
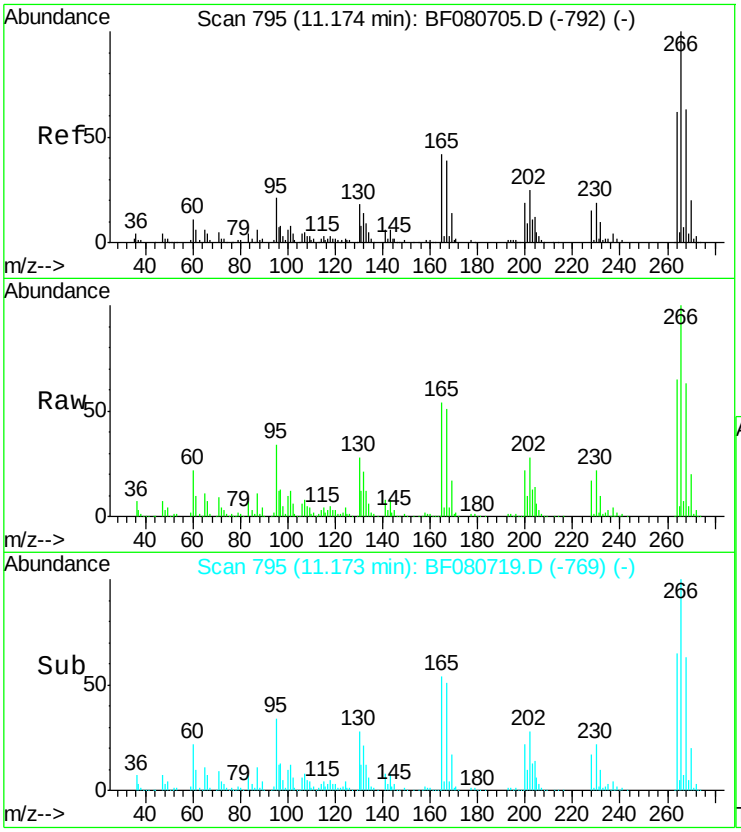


#68
Atrazine
Concen: 13.37 ng
RT: 11.07 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:200 Resp: 87763

Ion	Ratio	Lower	Upper
200	100		
173	29.4	8.6	48.6
215	43.0	22.2	62.2

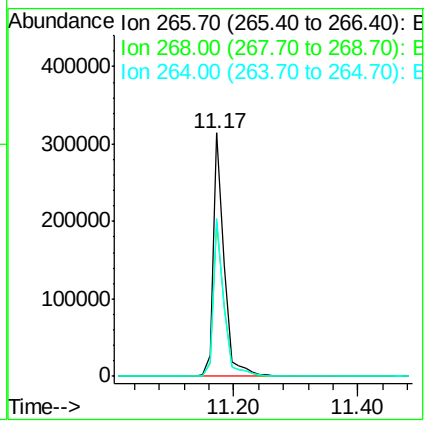




#69
Pentachlorophenol
Concen: 79.29 ng
RT: 11.17 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:266 Resp: 373750

Ion	Ratio	Lower	Upper
266	100		
268	63.4	50.5	75.7
264	65.1	50.0	75.0



Instrument :
BNA_F
ClientSampleId :
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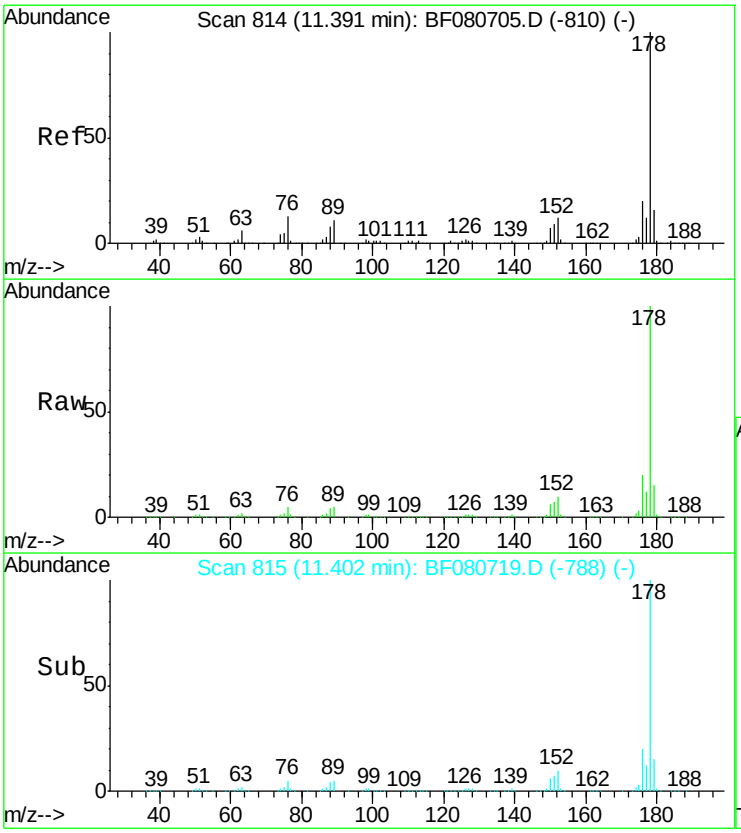
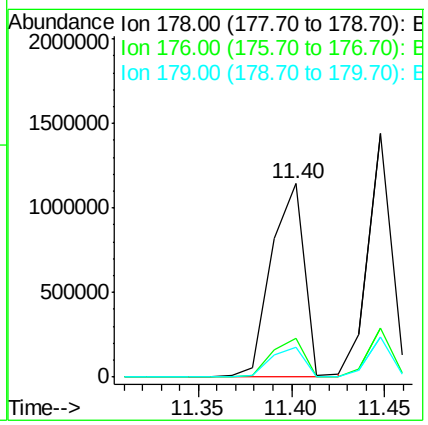
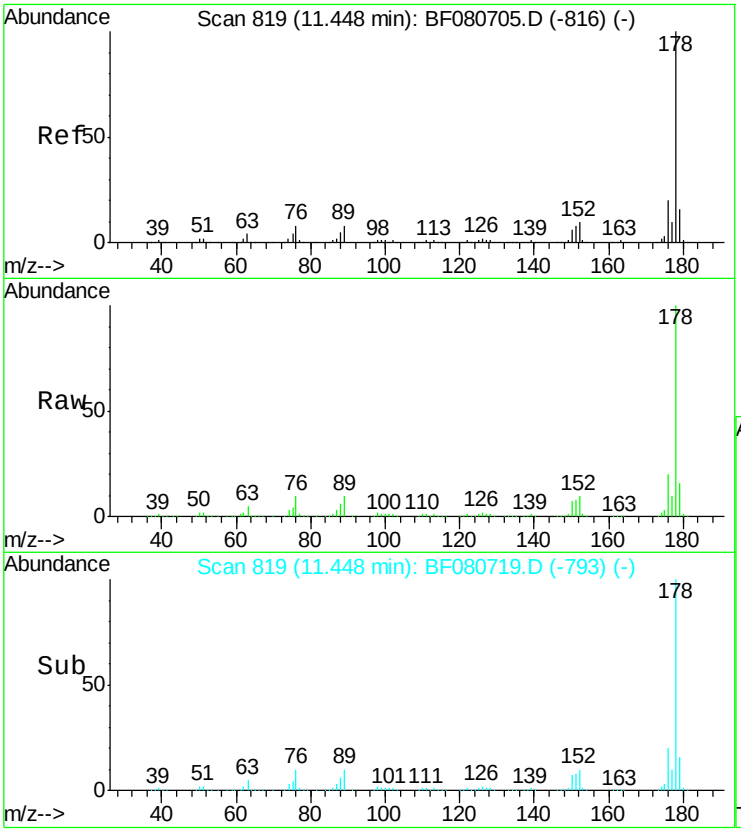


#70
Phenanthrene
Concen: 42.71 ng
RT: 11.40 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:178 Resp: 1404386

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	15.3	13.0	19.4

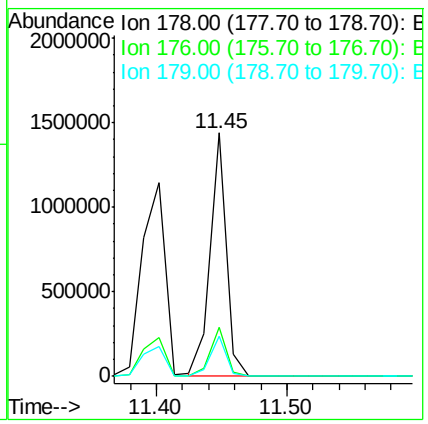




#71
Anthracene
Concen: 38.82 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:178 Resp: 1254033

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.9	23.9
179	16.3	12.7	19.1



Instrument :
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ClientSampleId :
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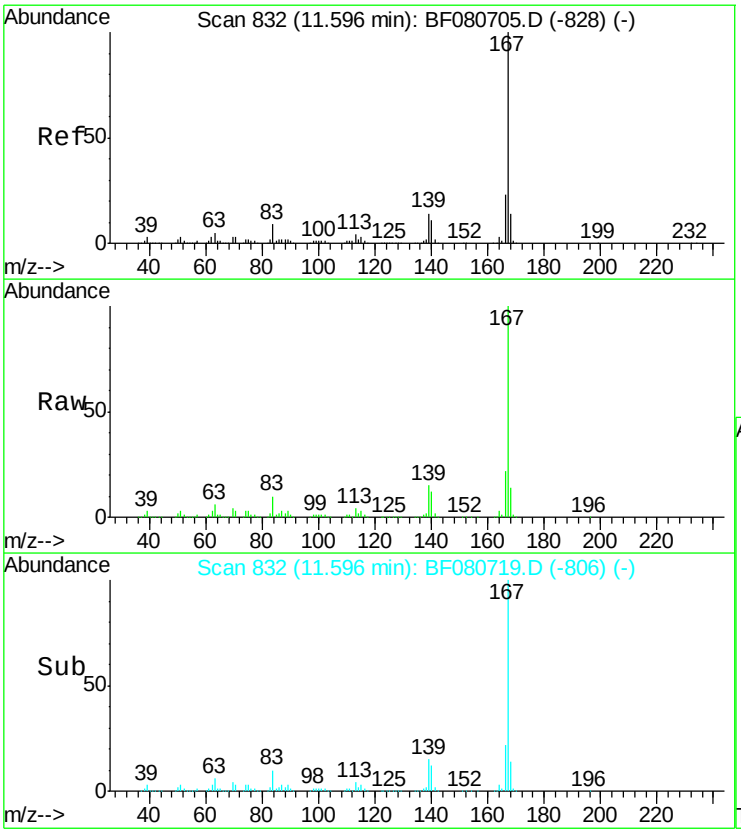
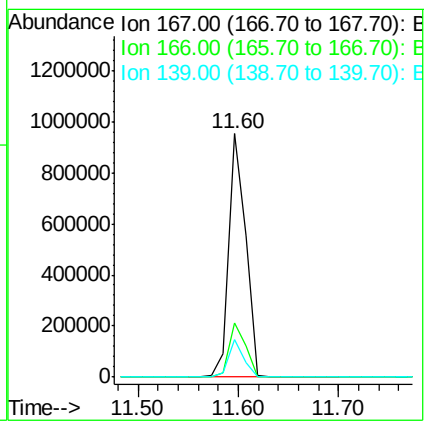
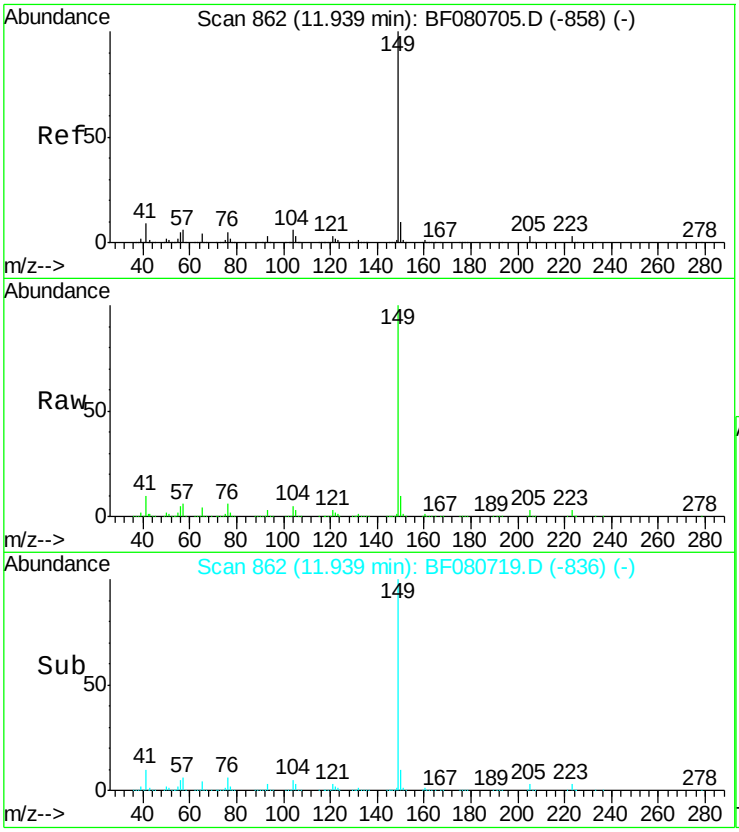


#72
Carbazole
Concen: 39.45 ng
RT: 11.60 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:167 Resp: 1106201

Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.4
139	15.5	11.5	17.3

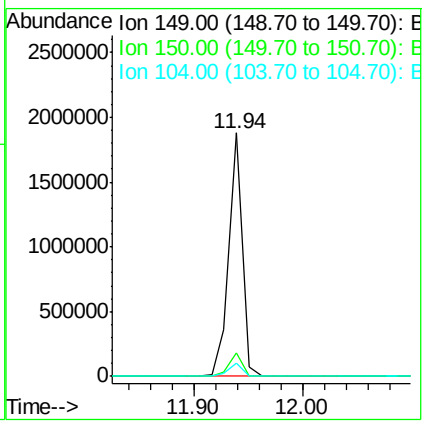




#73
Di-n-butylphthalate
Concen: 45.90 ng
RT: 11.94 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:149 Resp: 1596145

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.6	11.4
104	5.4	4.4	6.6



Instrument :
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ClientSampleId :
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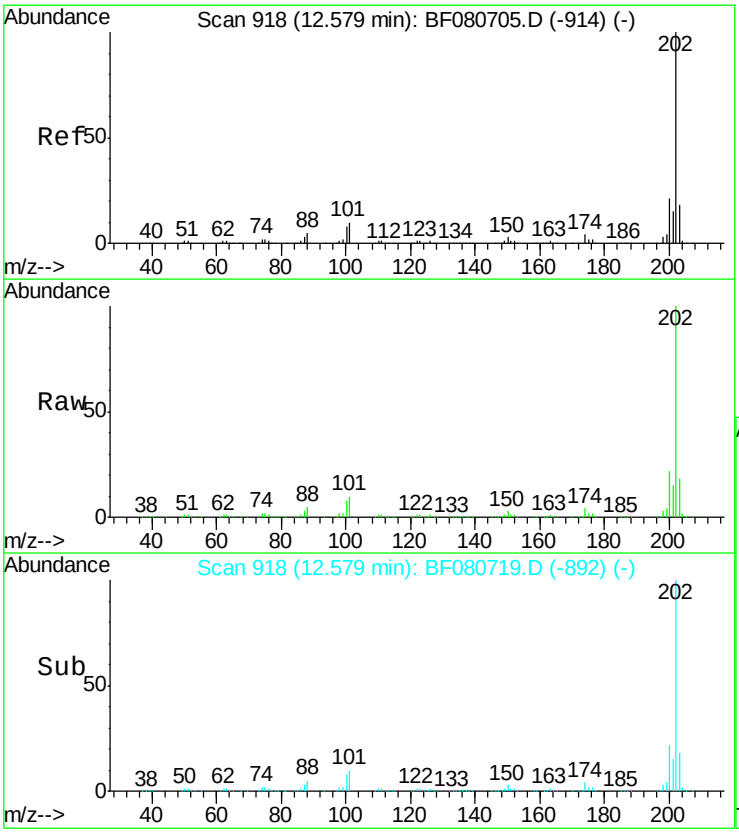
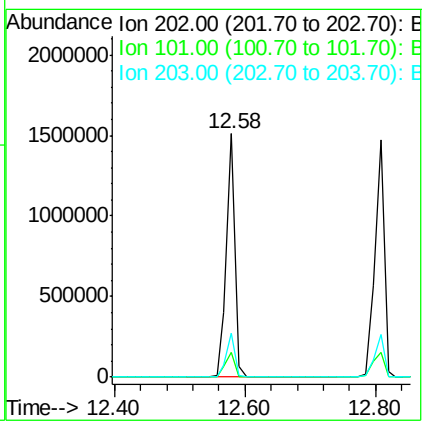
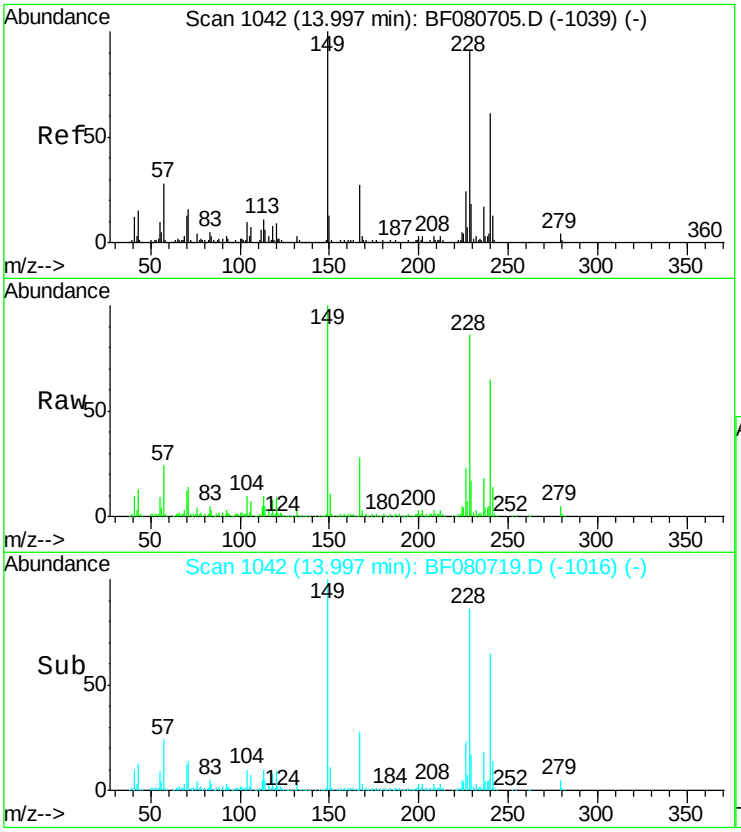


#74
Fluoranthene
Concen: 43.39 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:202 Resp: 1379265

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	29.6
203	17.9	0.0	37.8

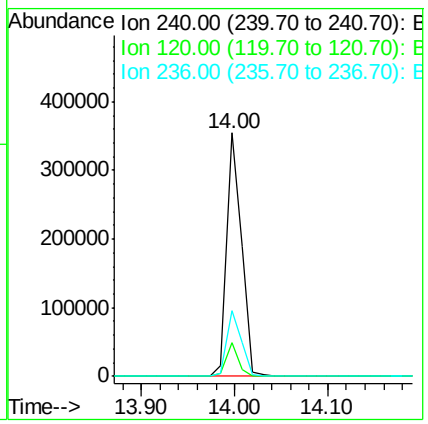




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:240 Resp: 391128

Ion	Ratio	Lower	Upper
240	100		
120	14.0	11.8	17.8
236	26.9	21.8	32.8



Instrument :
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ClientSampleId :
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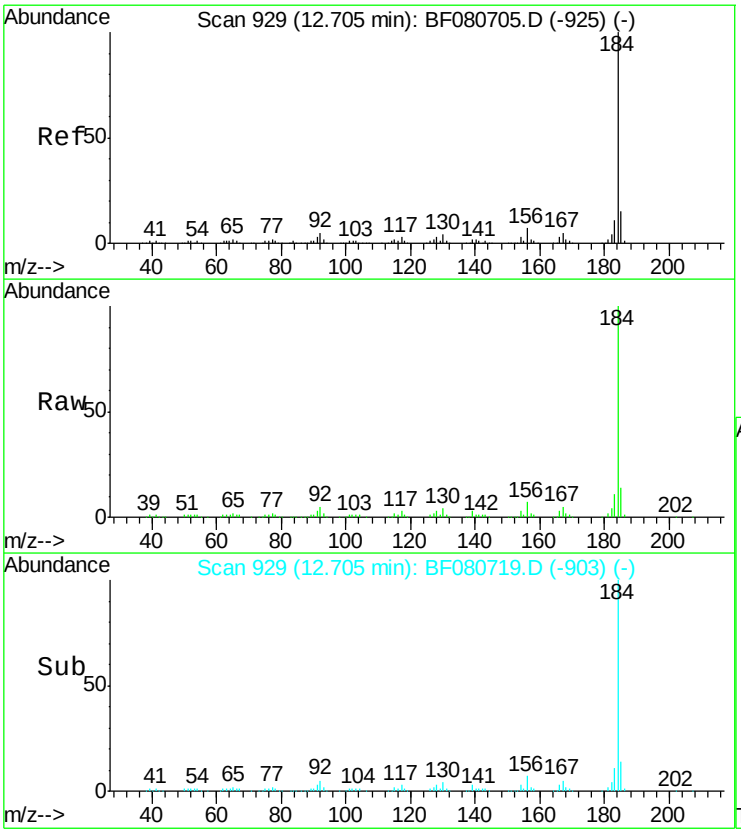
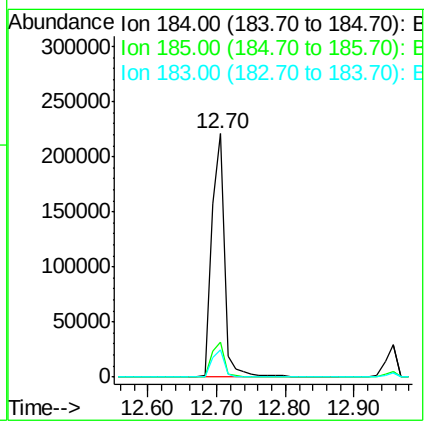
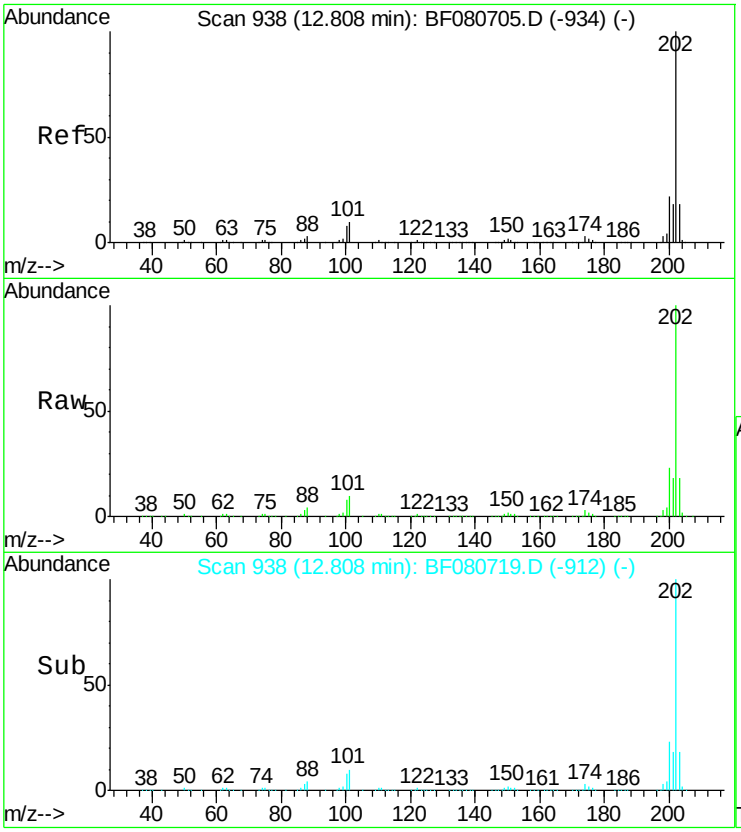


#76
Benzidine
Concen: 20.39 ng
RT: 12.70 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:184 Resp: 290419

Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.0	18.0
183	11.2	9.1	13.7

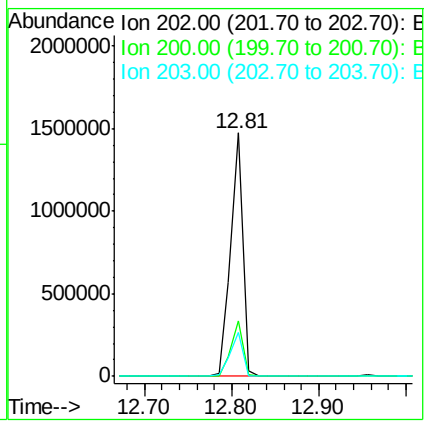




#77
Pyrene
Concen: 47.78 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:202 Resp: 1449283

Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.4	26.2
203	17.9	14.2	21.2



Instrument :
BNA_F
ClientSampleId :
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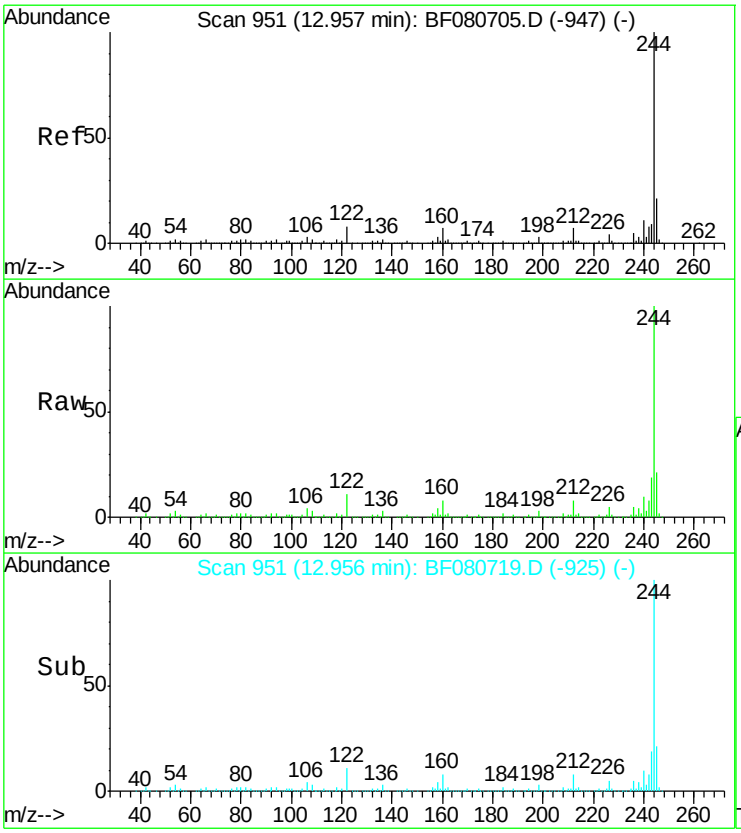
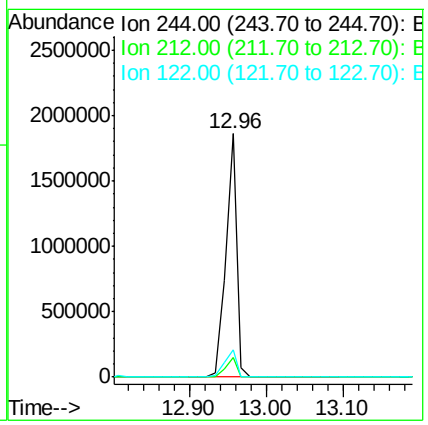
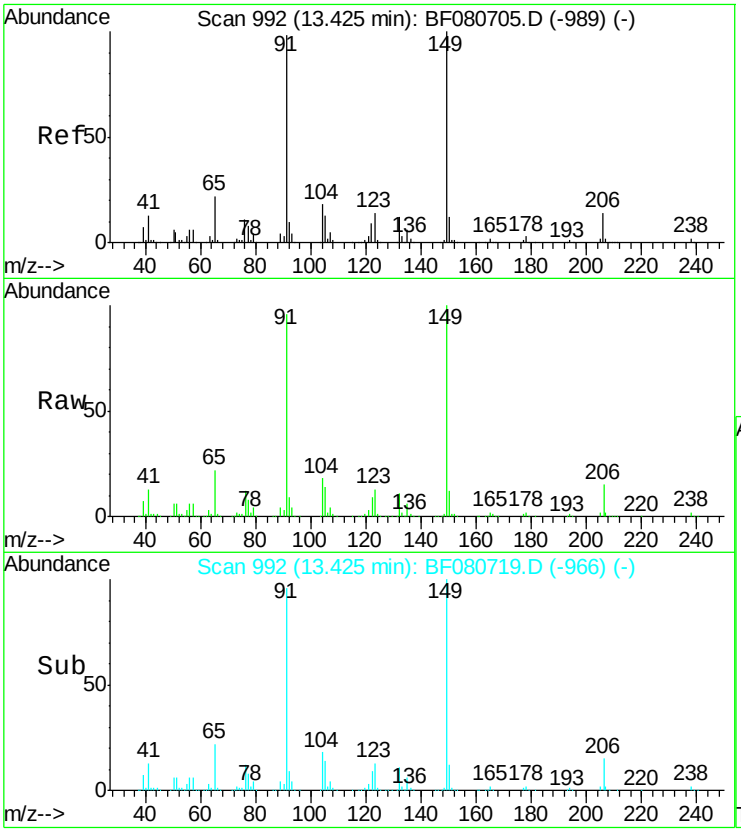


#78
Terphenyl-d14
Concen: 90.32 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:244 Resp: 1867893

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.9	8.9
122	11.1	6.6	9.8#

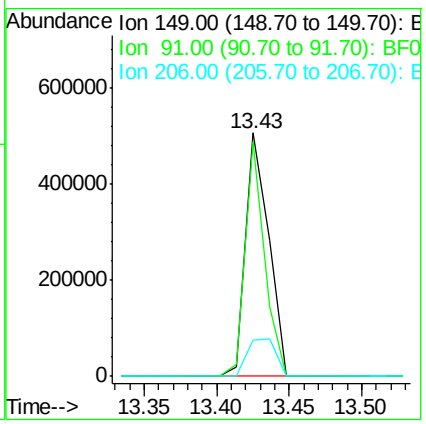




#79
Butylbenzylphthalate
Concen: 44.42 ng
RT: 13.43 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:149 Resp: 558658

Ion	Ratio	Lower	Upper
149	100		
91	96.4	78.6	118.0
206	15.1	11.4	17.2



Instrument :
BNA_F
ClientSampleId :
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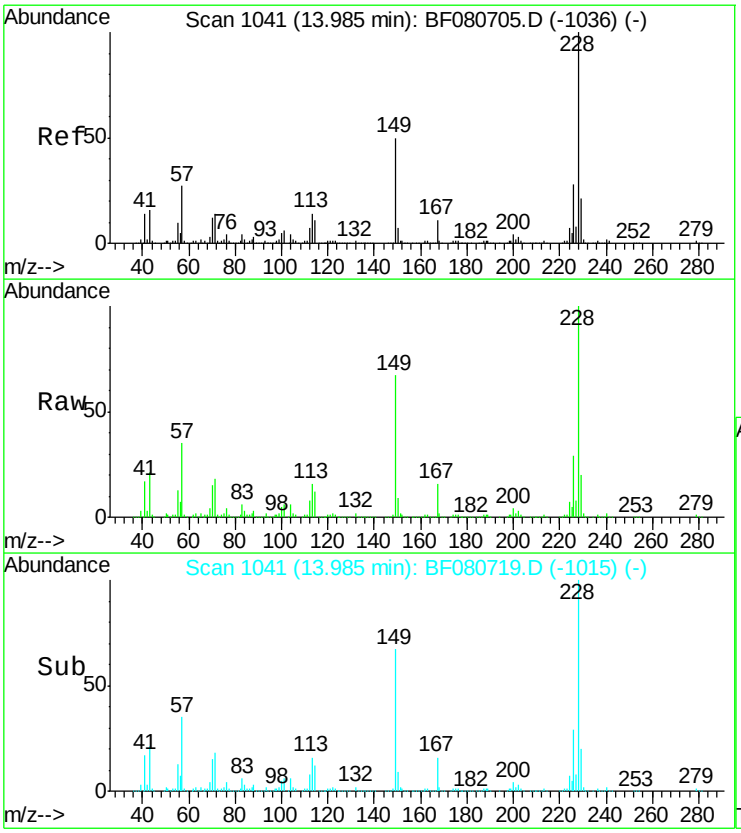
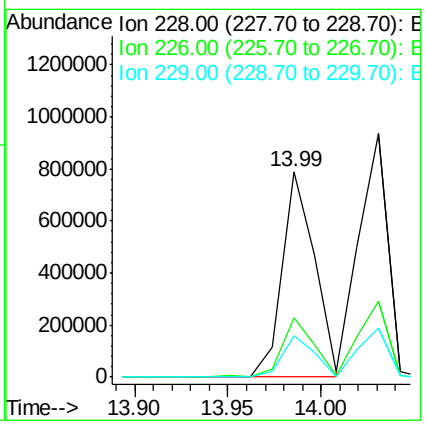
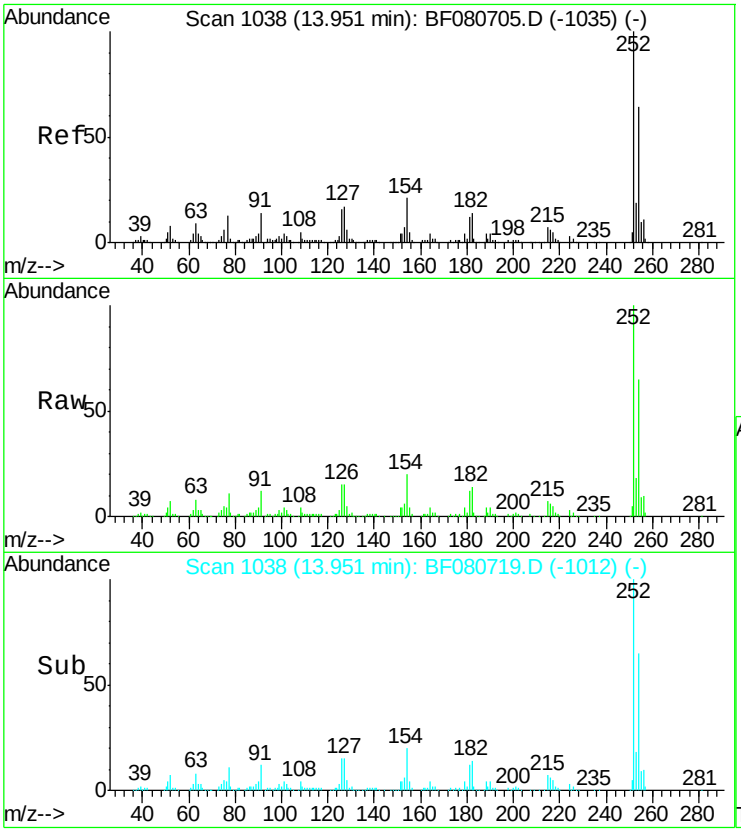


#80
Benzo(a)anthracene
Concen: 40.64 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:228 Resp: 956051

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	20.4	16.6	25.0

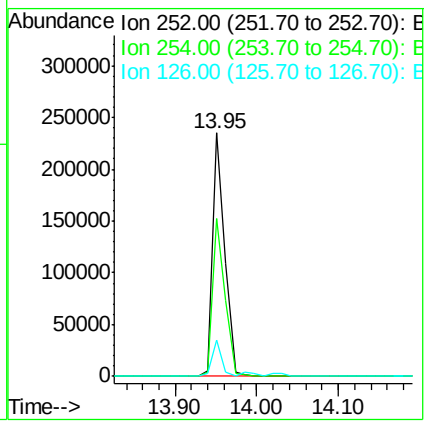




#81
3,3'-Dichlorobenzidine
Concen: 30.78 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:252 Resp: 247110

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.0	76.4
126	14.8	13.2	19.8



Instrument :
BNA_F
ClientSampleId :
PB84616BS

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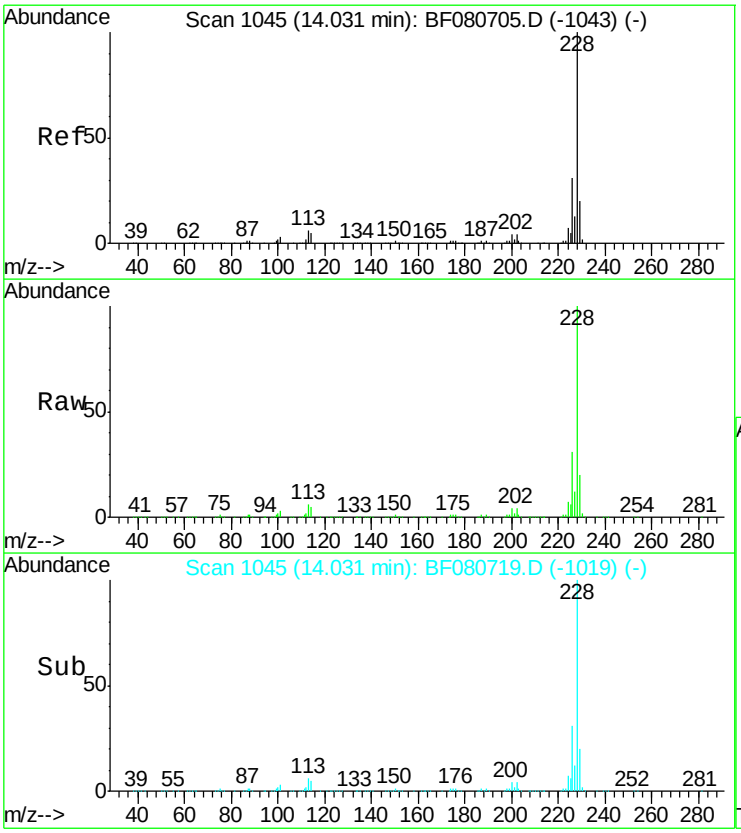
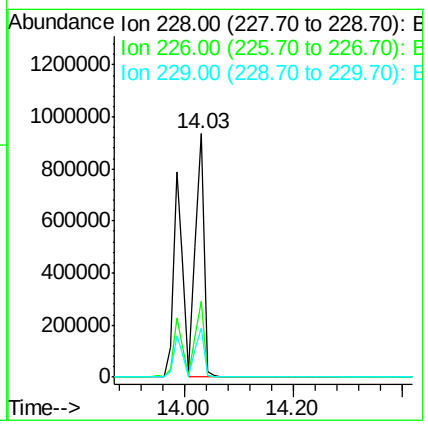
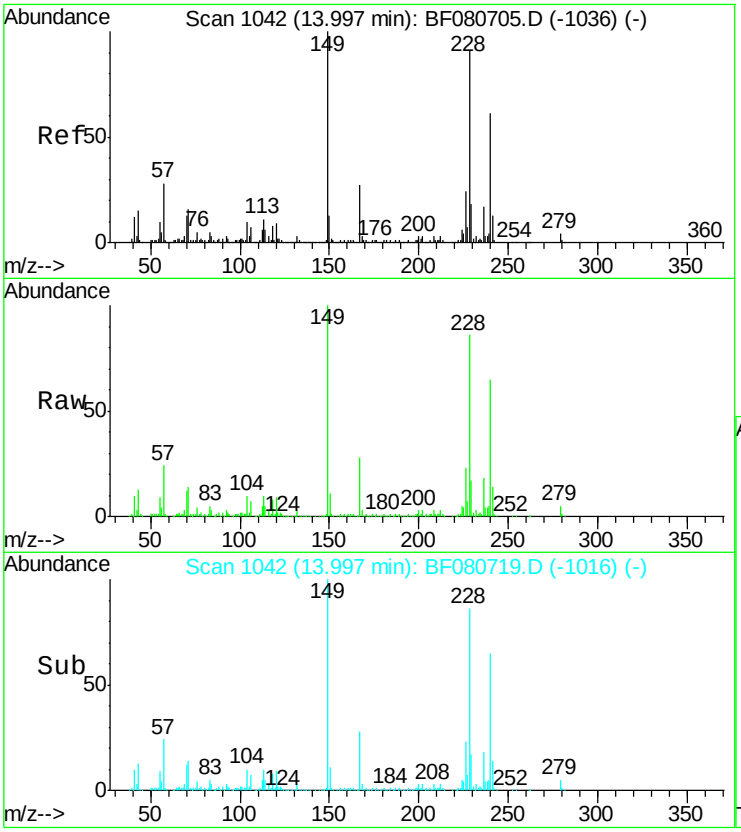


#82
Chrysene
Concen: 44.44 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:228 Resp: 1014614

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.1	37.7
229	20.1	15.8	23.8

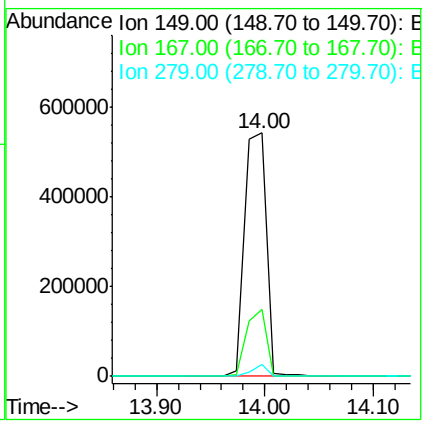




#83
Bis(2-ethylhexyl)phthalate
Concen: 49.95 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:149 Resp: 754265

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.8	32.8
279	5.1	3.4	5.0#



Instrument :
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ClientSampleId :
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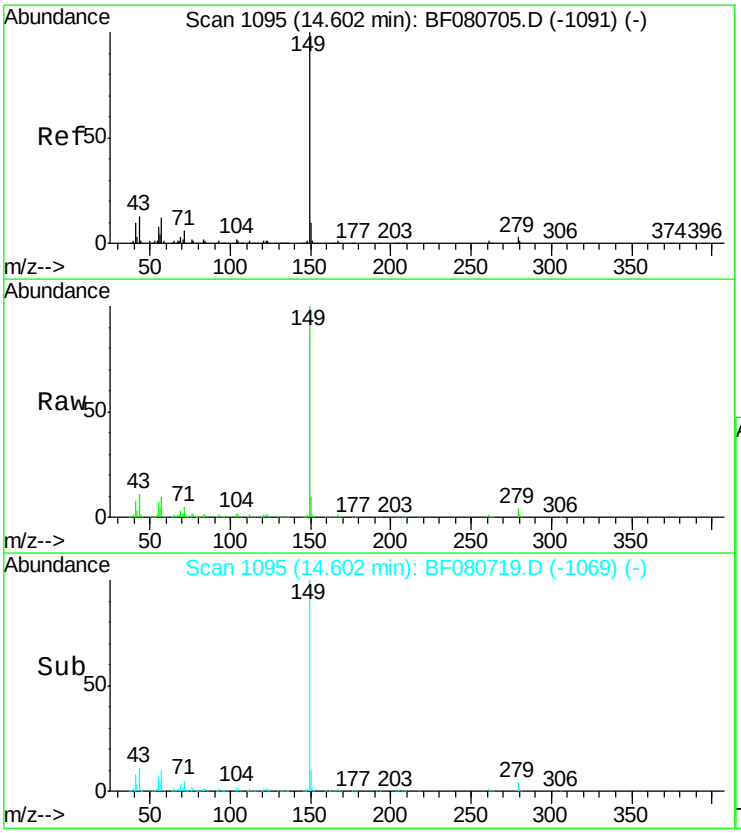
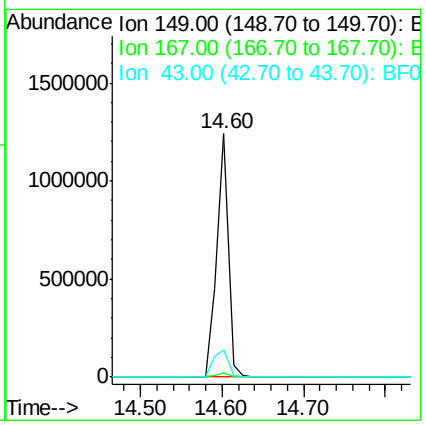
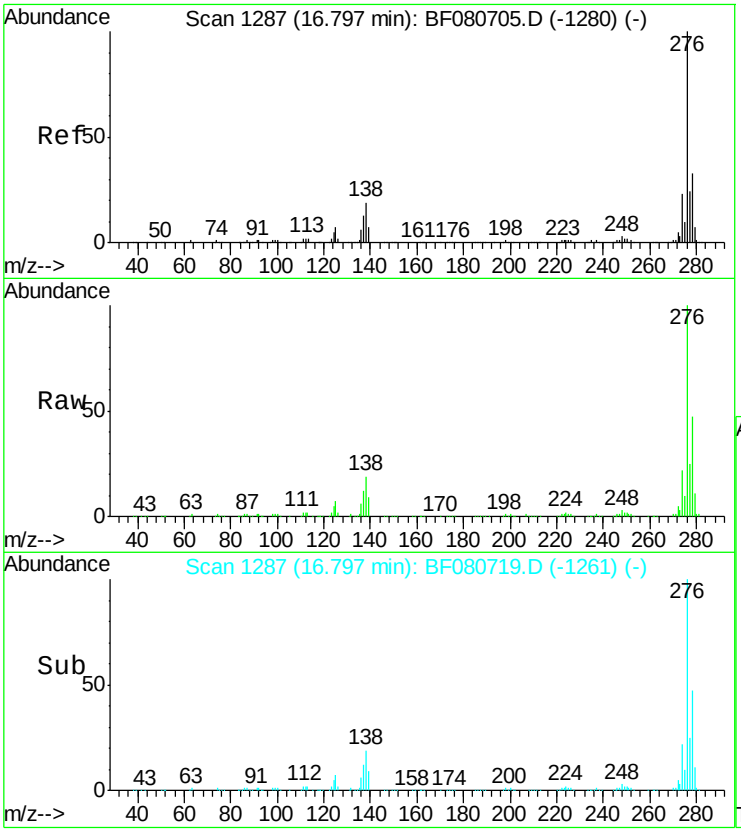


#84
Di-n-octyl phthalate
Concen: 48.10 ng
RT: 14.60 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:149 Resp: 1218020

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	14.8	12.2	18.4





#85
Indeno(1,2,3-cd)pyrene
Concen: 36.44 ng
RT: 16.80 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:276 Resp: 739408

Ion	Ratio	Lower	Upper
276	100		
138	22.0	13.2	19.8#
277	24.8	15.4	23.2#

Instrument :
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ClientSampleId :
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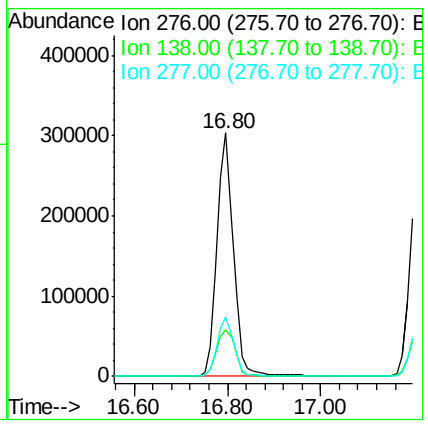
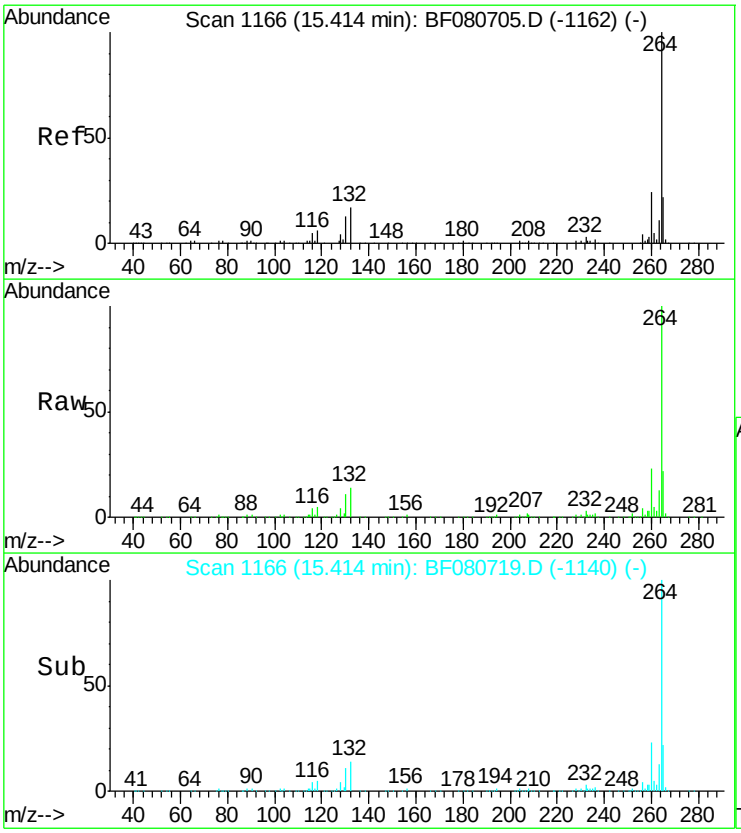
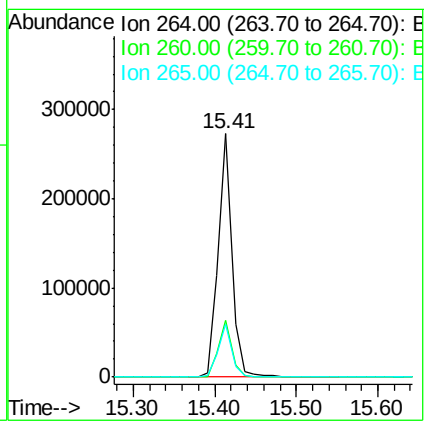


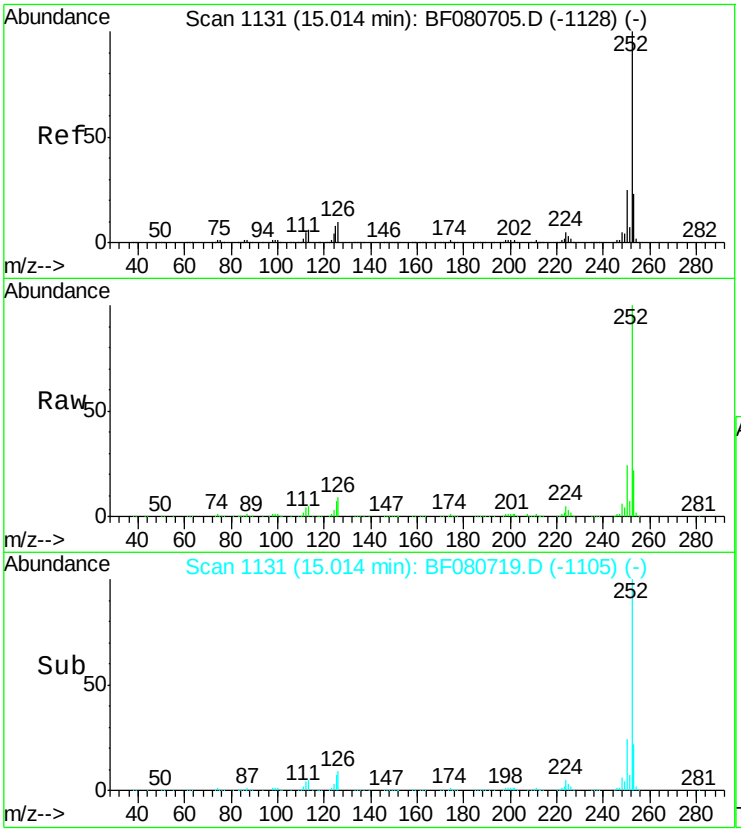


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:264 Resp: 321326

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.0
265	21.9	17.3	25.9

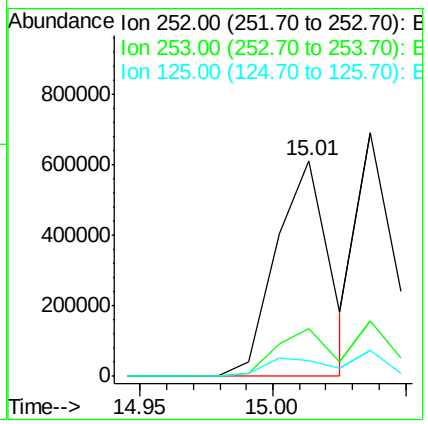




#87
Benzo(b)fluoranthene
Concen: 44.32 ng m
RT: 15.01 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:252 Resp: 850645

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	7.1	6.2	9.2



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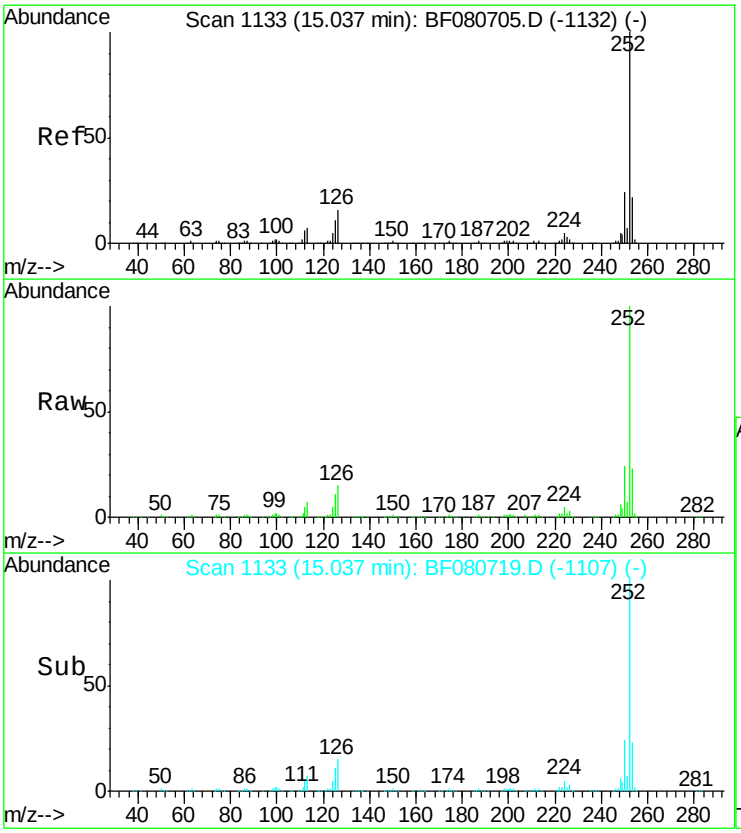
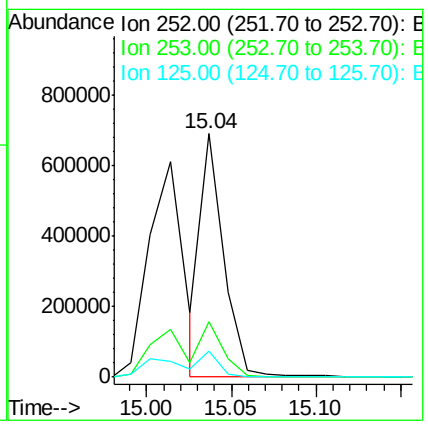
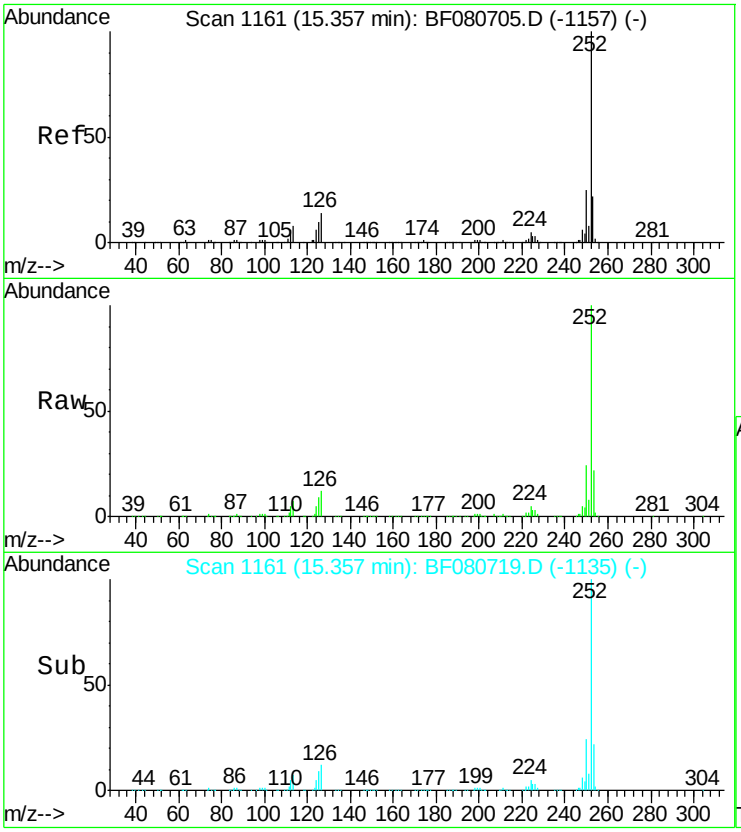


#88
Benzo(k)fluoranthene
Concen: 42.46 ng m
RT: 15.04 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:252 Resp: 670667

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	10.7	9.0	13.4

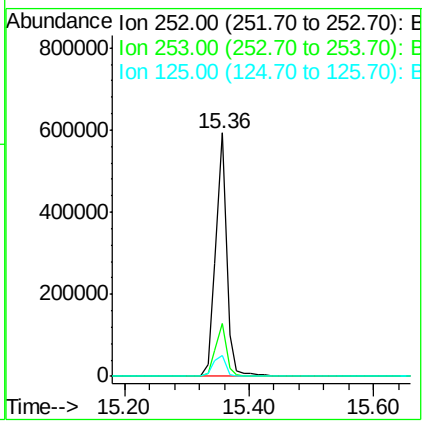




#89
Benzo(a)pyrene
Concen: 45.12 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:252 Resp: 711014

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	8.8	8.2	12.4



Instrument :
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ClientSampleId :
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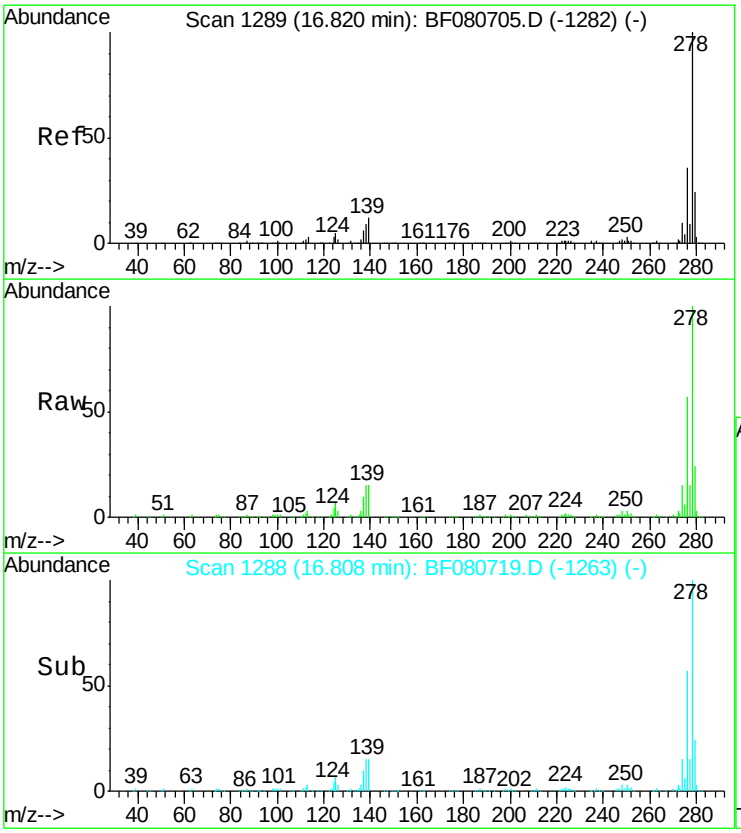
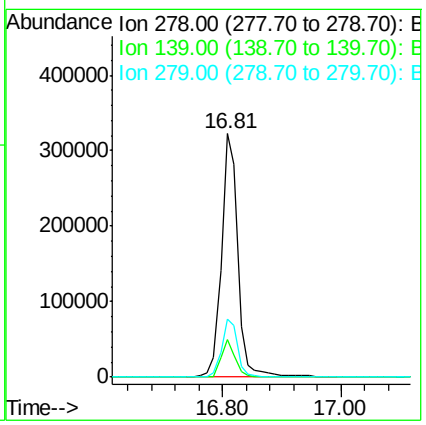
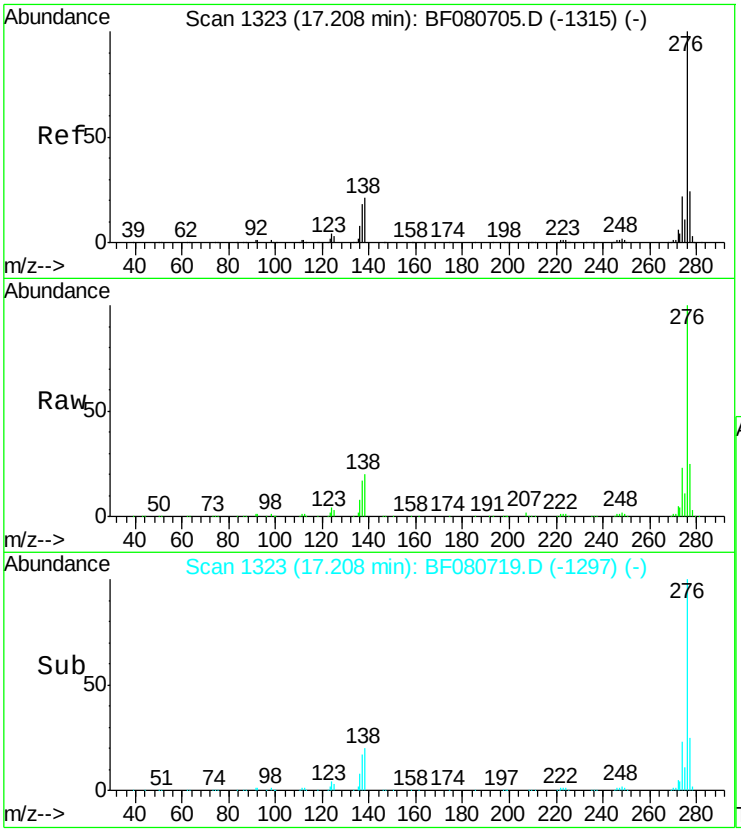


#90
Dibenzo(a,h)anthracene
Concen: 43.76 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:278 Resp: 617201

Ion	Ratio	Lower	Upper
278	100		
139	15.4	9.8	14.8#
279	24.0	19.4	29.2

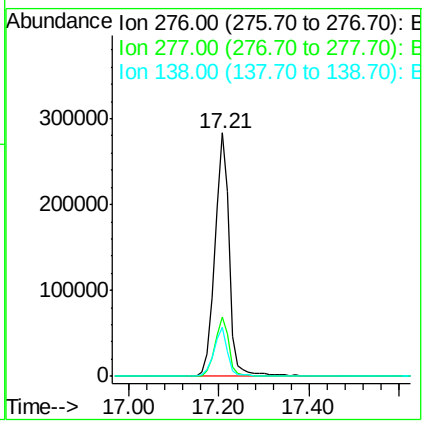




#91
Benzo(g,h,i)perylene
Concen: 44.70 ng
RT: 17.21 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:276 Resp: 620529

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.9	28.3
138	20.4	16.9	25.3



Instrument :
BNA_F
ClientSampleId :
PB84616BS

Manual Integrations APPROVED
MMDadoda
7/31/2015 11:23:01 AM