Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
Data File : BF089739.D
Acq On : 17 Aug 2016 3:11
Operator : UM/SJ
Sample : PB92850BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB92850BS

Manual Integrations APPROVED
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8/17/2016 6:42:59 PM

Quant Time: Aug 17 09:26:51 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 19:45:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	815034	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	3262380	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	1641429	20.00	ng		0.01
63) Phenanthrene-d10	11.22	188	2959352	20.00	ng		0.01
75) Chrysene-d12	13.87	240	2287337	20.00	ng		-0.02
86) Perylene-d12	15.31	264	2218329	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	5313428	108.77	ng		0.01
7) Phenol-d6	6.34	99	6228524	100.25	ng		0.01
23) Nitrobenzene-d5	7.27	82	3972290	74.35	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	1795290	113.06	ng		0.01
44) 2-Fluorobiphenyl	9.07	172	6212897	60.74	ng		0.00
78) Terphenyl-d14	12.81	244	5667180	74.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	714748	28.34	ng		99
3) Pyridine	2.95	79	2144534	33.00	ng		95
4) n-Nitrosodimethylamine	2.91	42	922117	35.35	ng		87
6) Aniline	6.36	93	2588884	31.00	ng		95
8) 2-Chlorophenol	6.49	128	2225803	38.31	ng		81
9) Benzaldehyde	6.24	77	671957	16.32	ng		91
10) Phenol	6.35	94	2225785	28.78	ng		91
11) bis(2-Chloroethyl)ether	6.44	93	2008907	35.06	ng		98
12) 1,3-Dichlorobenzene	6.64	146	2027572	32.65	ng		98
13) 1,4-Dichlorobenzene	6.72	146	2184692	34.72	ng		98
14) 1,2-Dichlorobenzene	6.87	146	1941301m	32.36	ng		
15) Benzyl Alcohol	6.86	79	1672468	40.28	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.99	45	2374786	31.59	ng		94
17) 2-Methylphenol	6.97	107	1891152	40.97	ng		96
18) Hexachloroethane	7.22	117	822368	35.66	ng		92
19) n-Nitroso-di-n-propylamine	7.13	70	1406273	34.56	ng		95
20) 3+4-Methylphenols	7.12	107	2072881	35.06	ng	#	82
22) Acetophenone	7.12	105	2487348	32.80	ng	#	94
24) Nitrobenzene	7.29	77	2366687	39.38	ng		92
25) Isophorone	7.53	82	4087823	38.24	ng		98
26) 2-Nitrophenol	7.61	139	1129489	39.94	ng		96
27) 2,4-Dimethylphenol	7.66	122	2216208	41.35	ng		100
28) bis(2-Chloroethoxy)methane	7.75	93	2440435	37.57	ng		98
29) 2,4-Dichlorophenol	7.85	162	1894017	42.44	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	1747122	36.47	ng		98
31) Naphthalene	8.01	128	5316646	36.31	ng		95
32) Benzoic acid	7.79	122	1342932	32.23	ng		97
33) 4-Chloroaniline	8.06	127	1912176	28.22	ng	#	86
34) Hexachlorobutadiene	8.14	225	923838	36.71	ng		98
35) Caprolactam	8.44	113	638171m	46.40	ng		
36) 4-Chloro-3-methylphenol	8.55	107	1747608	35.97	ng		91
37) 2-Methylnaphthalene	8.71	142	4063388	40.77	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	1248700	23.66	ng		98
40) Hexachlorocyclopentadiene	8.87	237	1875639	79.76	ng		98

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Quant Time: Aug 17 09:26:51 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 19:45:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	1348505	39.56	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	1140820	35.10	ng	#	89
45) 1,1'-Biphenyl	9.18	154	4118137	30.29	ng		94
46) 2-Chloronaphthalene	9.19	162	3404396	33.42	ng		98
47) 2-Nitroaniline	9.29	65	1322541	42.61	ng	#	73
48) Acenaphthylene	9.60	152	5564479	35.48	ng		97
49) Dimethylphthalate	9.48	163	4476462	37.69	ng	#	98
50) 2,6-Dinitrotoluene	9.53	165	962860	35.82	ng	#	82
51) Acenaphthene	9.78	154	4245189	40.12	ng		98
52) 3-Nitroaniline	9.70	138	1031215	32.99	ng	#	75
53) 2,4-Dinitrophenol	9.80	184	1075719	89.38	ng		93
54) Dibenzofuran	9.95	168	5329689	40.93	ng		94
55) 4-Nitrophenol	9.86	139	1717888	71.45	ng		88
56) 2,4-Dinitrotoluene	9.93	165	1290791	37.36	ng	#	58
57) Fluorene	10.28	166	3691938	35.09	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	1090165	42.95	ng		98
59) Diethylphthalate	10.18	149	4192981	34.82	ng		96
60) 4-Chlorophenyl-phenylether	10.28	204	1535057	29.72	ng		93
61) 4-Nitroaniline	10.32	138	1283371	42.29	ng		95
62) Azobenzene	10.44	77	4519522	39.72	ng		96
64) 4,6-Dinitro-2-methylphenol	10.34	198	711381	41.40	ng		82
65) n-Nitrosodiphenylamine	10.41	169	3729459	40.16	ng		96
66) 4-Bromophenyl-phenylether	10.78	248	1183549	38.62	ng	#	83
67) Hexachlorobenzene	10.83	284	1223309	35.91	ng	#	82
68) Atrazine	10.94	200	1029442	36.59	ng		96
69) Pentachlorophenol	11.03	266	1453531	68.48	ng		97
70) Phenanthrene	11.24	178	5292453m	36.38	ng		
71) Anthracene	11.29	178	5595558	36.82	ng		97
72) Carbazole	11.45	167	5131513	35.63	ng		94
73) Di-n-butylphthalate	11.81	149	6485475	37.03	ng	#	97
74) Fluoranthene	12.42	202	5190245	35.51	ng		90
76) Benzidine	12.55	184	2920980	35.58	ng		100
77) Pyrene	12.65	202	5220012m	34.87	ng		
79) Butylbenzylphthalate	13.29	149	2810179	37.42	ng	#	83
80) Benzo(a)anthracene	13.85	228	5048562	37.99	ng		97
81) 3,3'-Dichlorobenzidine	13.83	252	1642003	33.91	ng		98
82) Chrysene	13.90	228	4117223	34.42	ng		94
83) Bis(2-ethylhexyl)phthalate	13.89	149	4012352	40.37	ng		95
84) Di-n-octyl phthalate	14.54	149	6166118	39.92	ng		98
85) Indeno(1,2,3-cd)pyrene	16.62	276	4628415	45.42	ng		99
87) Benzo(b)fluoranthene	14.94	252	5110077m	36.35	ng		
88) Benzo(k)fluoranthene	14.96	252	4161803m	35.97	ng		
89) Benzo(a)pyrene	15.27	252	4662240	40.18	ng	#	93
90) Dibenzo(a,h)anthracene	16.64	278	3791010	41.49	ng		96
91) Benzo(g,h,i)perylene	17.02	276	3770371	40.54	ng	#	94

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

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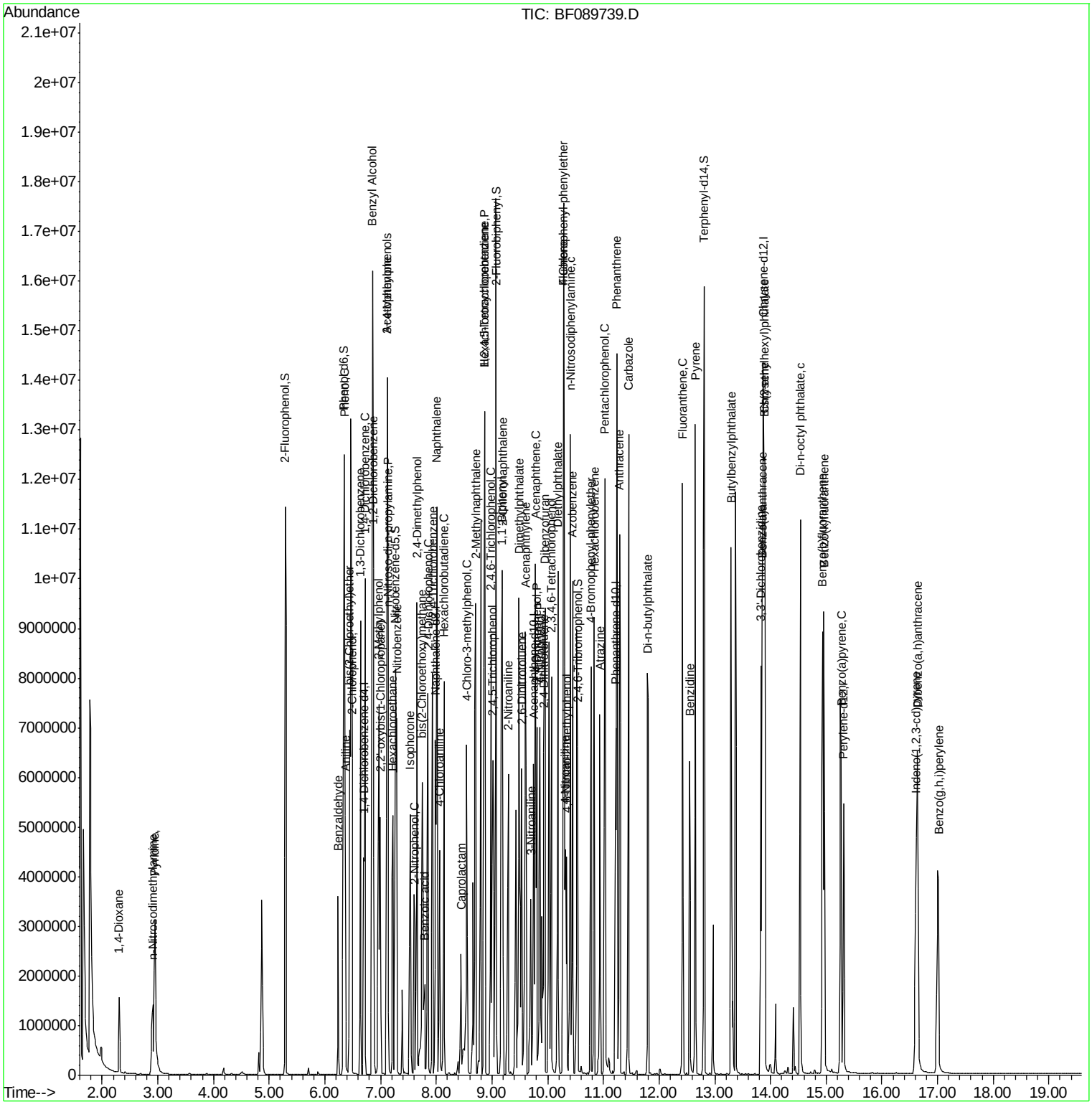
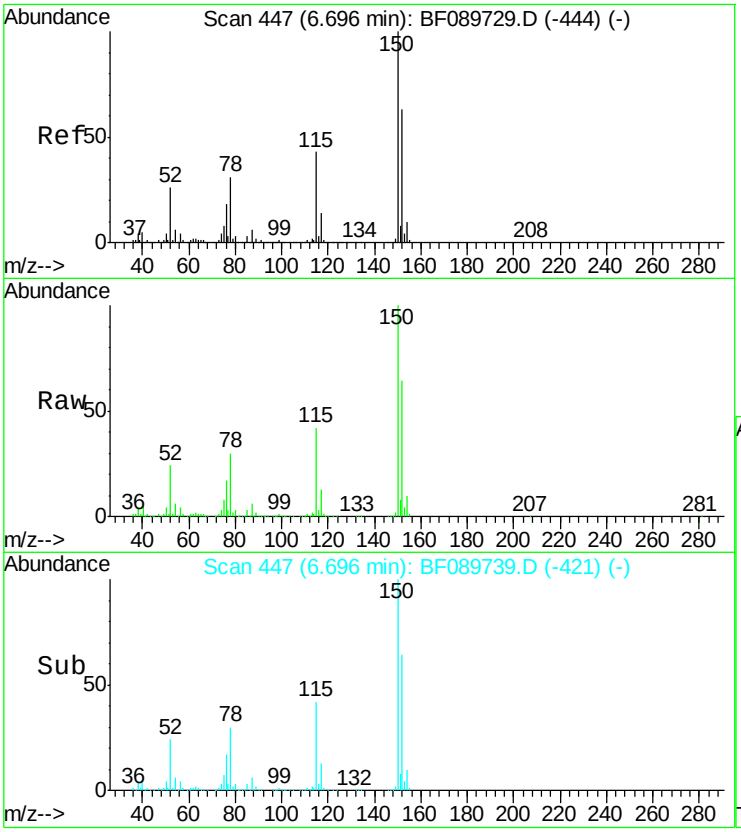
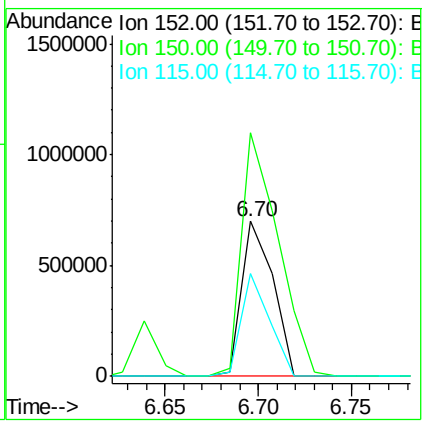




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:152 Resp: 815034

Ion	Ratio	Lower	Upper
152	100		
150	157.4	125.3	187.9
115	66.5	40.9	61.3#



Instrument :
BNA_F
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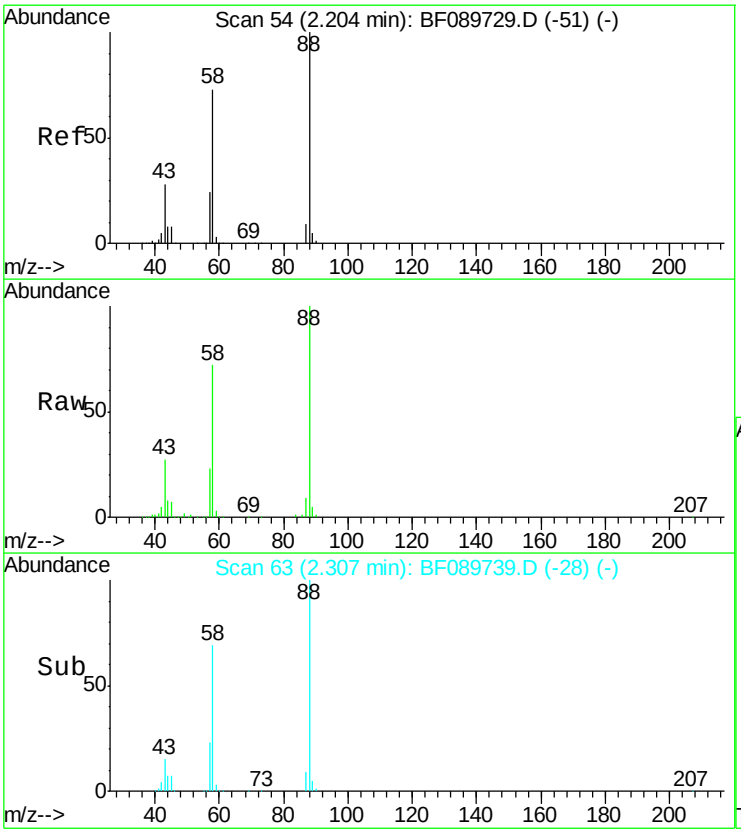
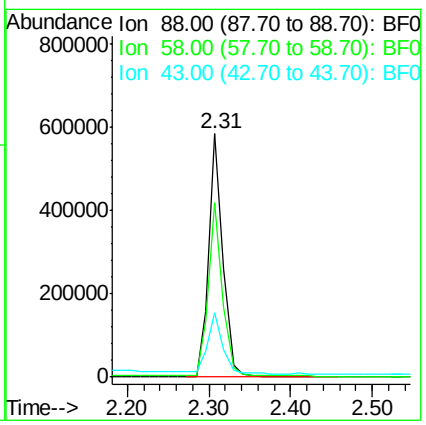
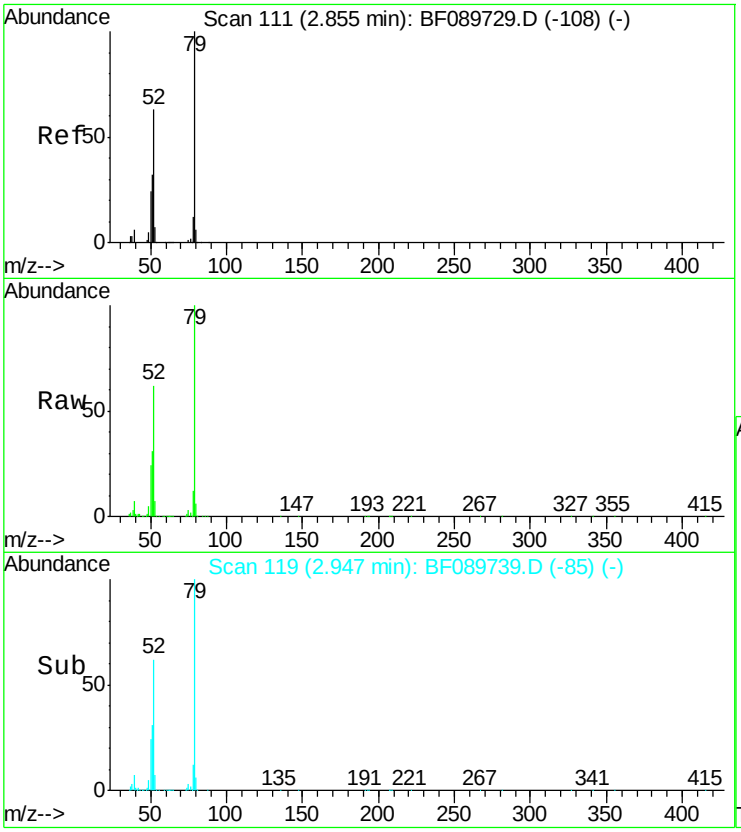


#2
1,4-Dioxane
Concen: 28.34 ng
RT: 2.31 min Scan# 63
Delta R.T. 0.10 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion: 88 Resp: 714748

Ion	Ratio	Lower	Upper
88	100		
58	71.9	57.0	85.4
43	27.0	21.8	32.8

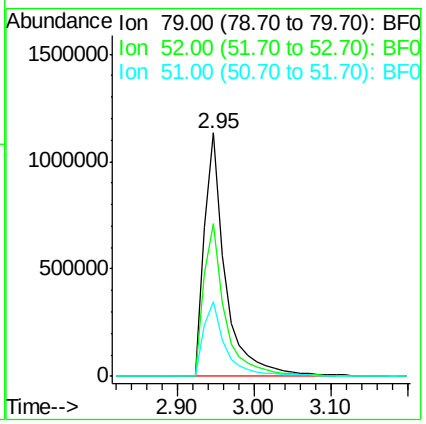




#3
Pyridine
Concen: 33.00 ng
RT: 2.95 min Scan# 119
Delta R.T. 0.09 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion: 79 Resp: 2144534

Ion	Ratio	Lower	Upper
79	100		
52	62.5	53.6	80.4
51	30.9	26.6	39.8



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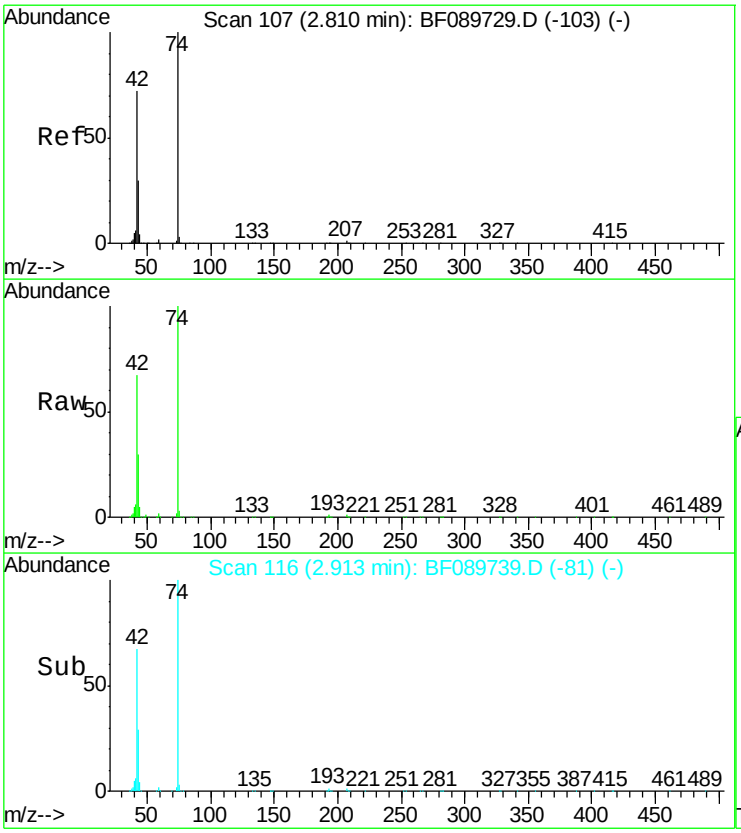
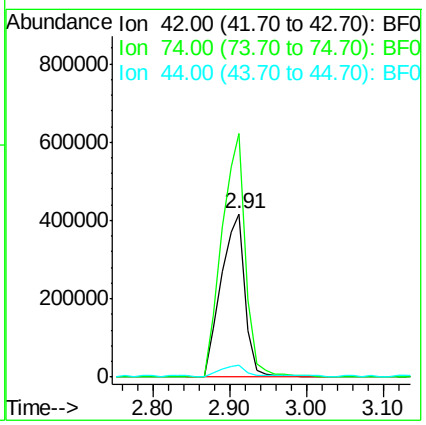
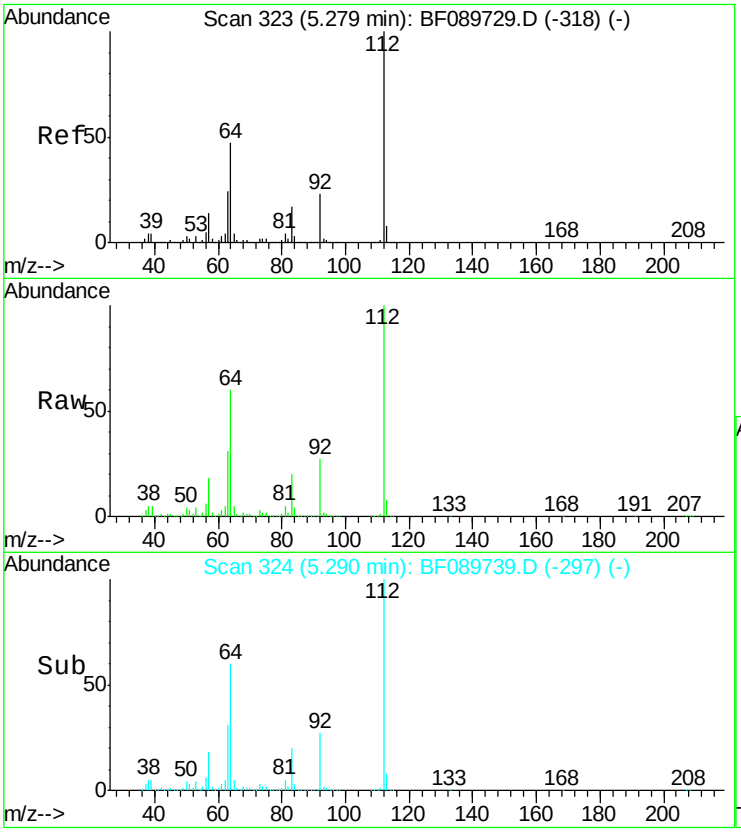


#4
n-Nitrosodimethylamine
Concen: 35.35 ng
RT: 2.91 min Scan# 116
Delta R.T. 0.10 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion: 42 Resp: 922117

Ion	Ratio	Lower	Upper
42	100		
74	149.1	106.2	159.2
44	7.0	6.9	10.3

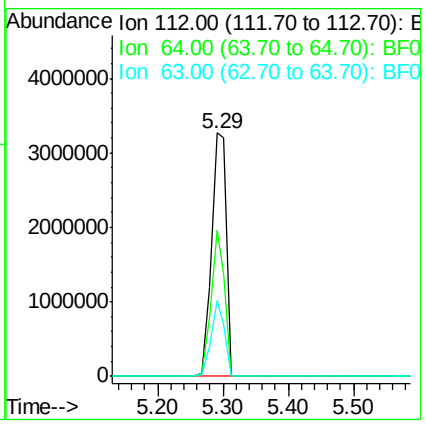




#5
2-Fluorophenol
Concen: 108.77 ng
RT: 5.29 min Scan# 324
Delta R.T. 0.01 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:112 Resp: 5313428

Ion	Ratio	Lower	Upper
112	100		
64	60.1	45.0	67.4
63	31.1	23.1	34.7



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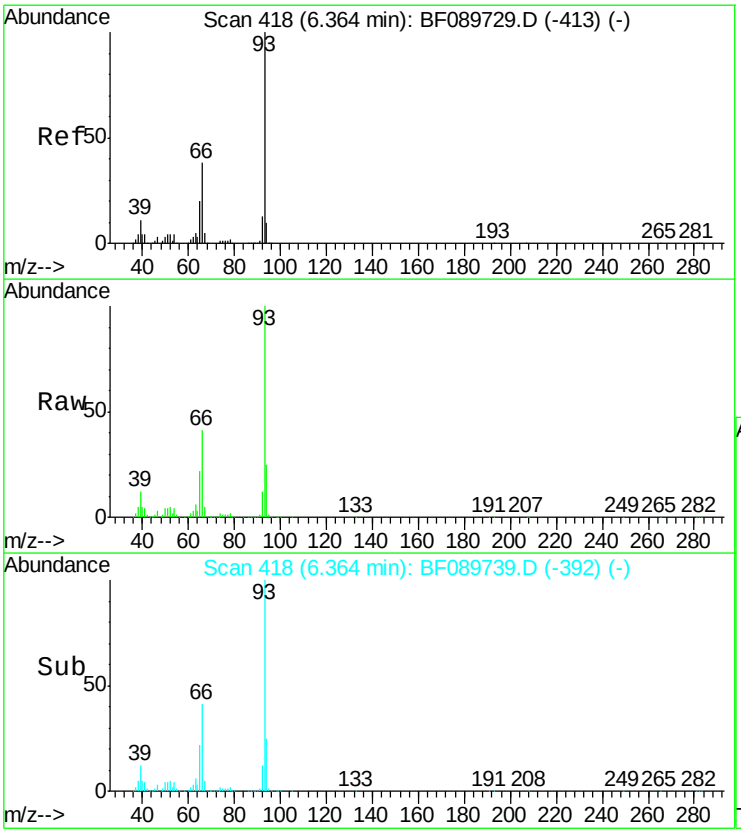
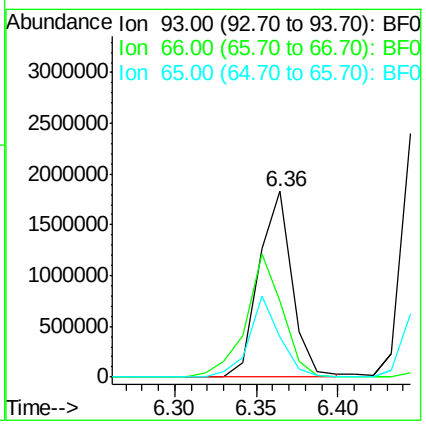
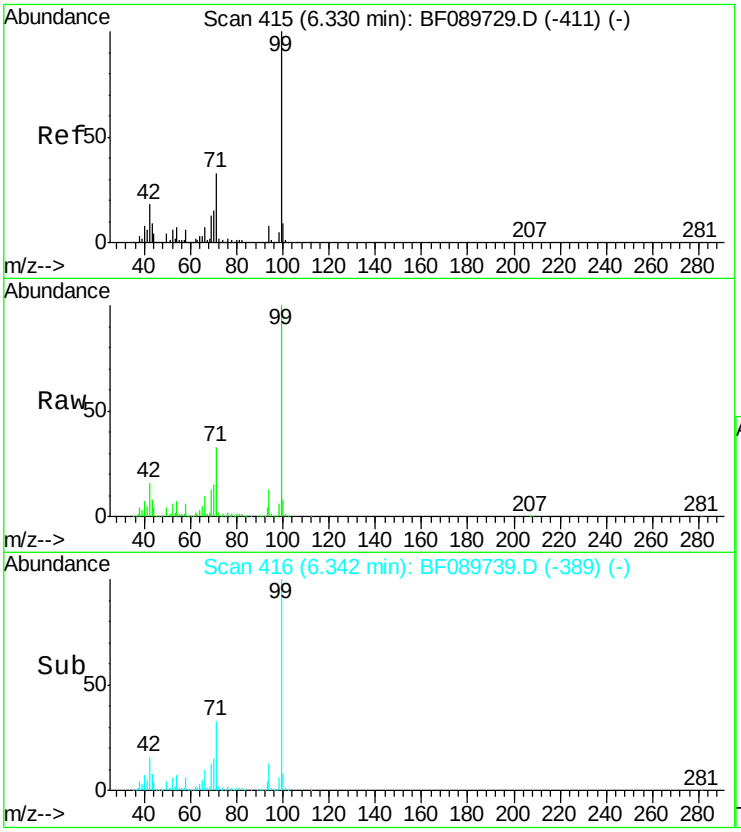


#6
Aniline
Concen: 31.00 ng
RT: 6.36 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion: 93 Resp: 2588884

Ion	Ratio	Lower	Upper
93	100		
66	41.0	30.6	46.0
65	21.9	15.4	23.2

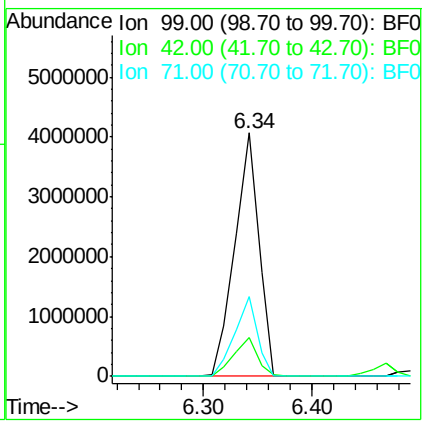




#7
Phenol-d6
Concen: 100.25 ng
RT: 6.34 min Scan# 416
Delta R.T. 0.01 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion: 99 Resp: 6228524

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.2	18.4
71	32.5	23.8	35.8



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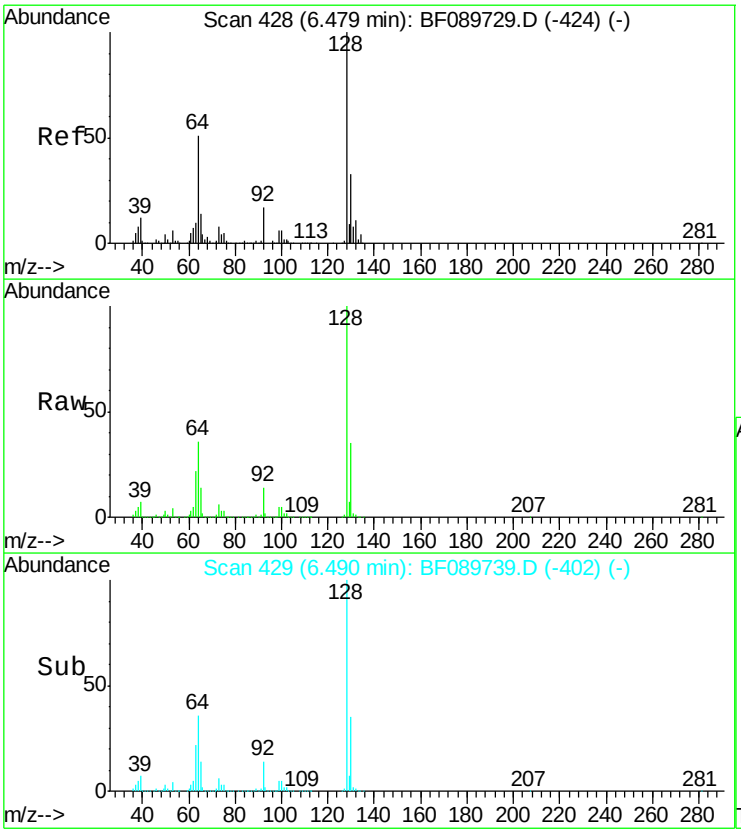
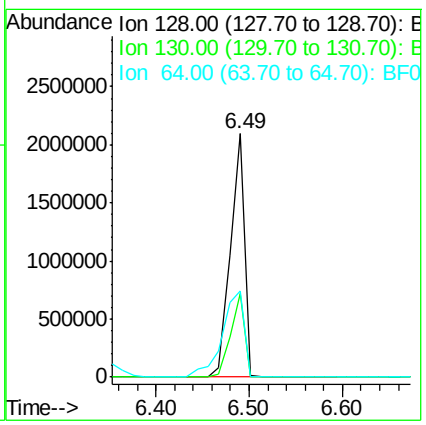
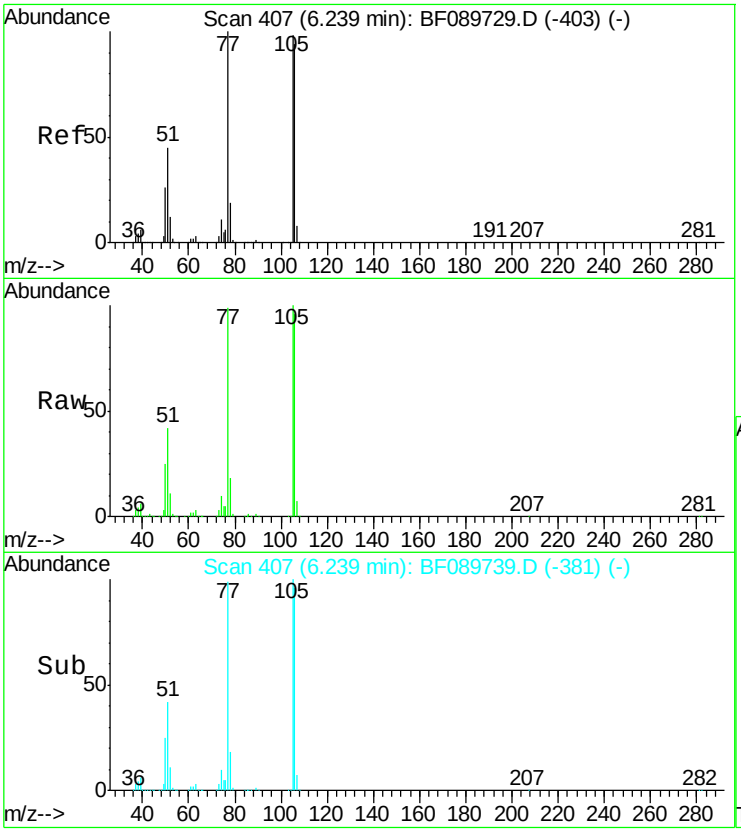


#8
2-Chlorophenol
Concen: 38.31 ng
RT: 6.49 min Scan# 429
Delta R.T. 0.01 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:128 Resp: 2225803

Ion	Ratio	Lower	Upper
128	100		
130	34.6	12.0	52.0
64	35.5	35.1	75.1

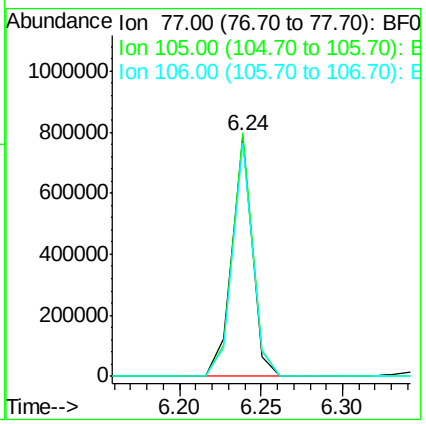




#9
Benzaldehyde
Concen: 16.32 ng
RT: 6.24 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion: 77 Resp: 671957

Ion	Ratio	Lower	Upper
77	100		
105	101.4	73.3	113.3
106	97.2	68.6	108.6



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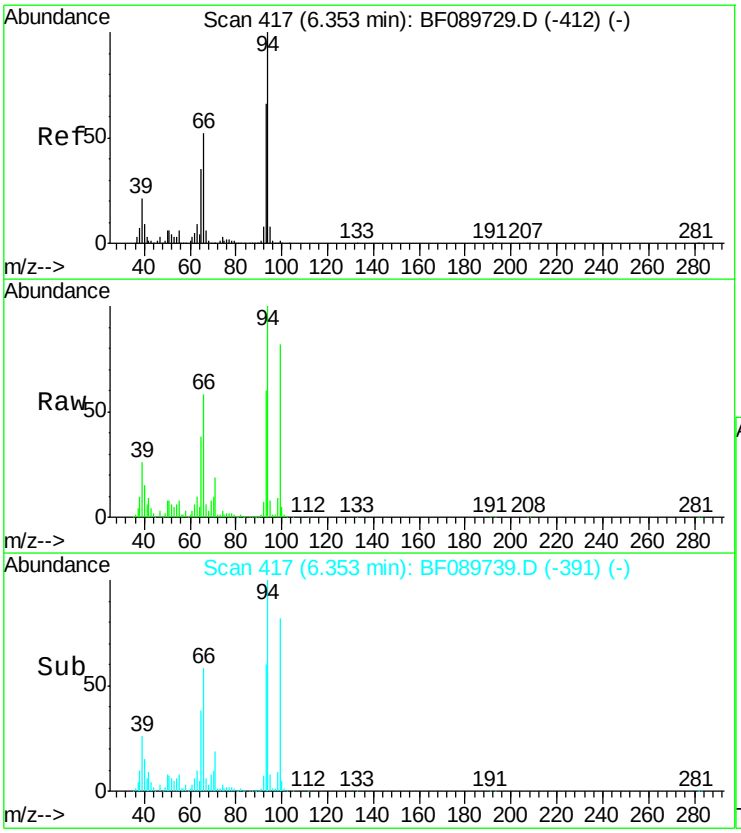
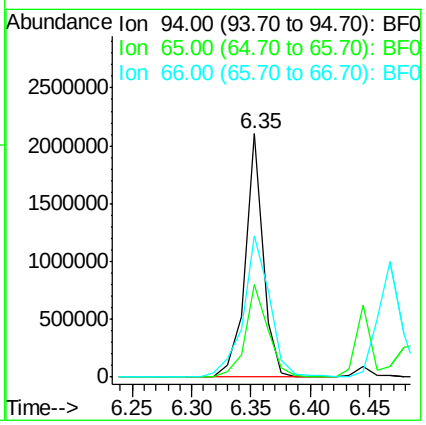
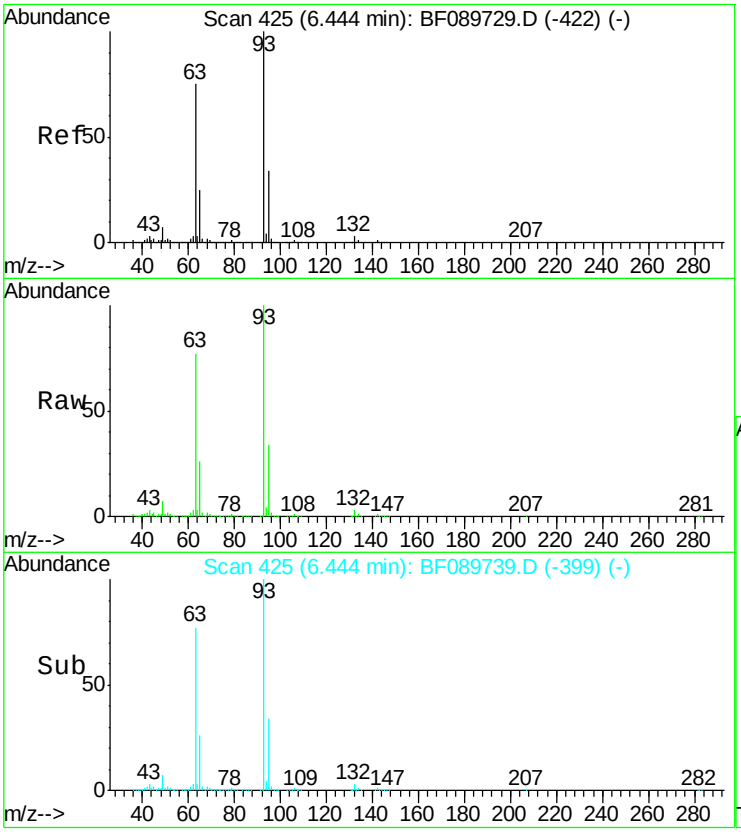


#10
Phenol
Concen: 28.78 ng
RT: 6.35 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion: 94 Resp: 2225785

Ion	Ratio	Lower	Upper
94	100		
65	38.2	14.0	54.0
66	57.9	31.2	71.2

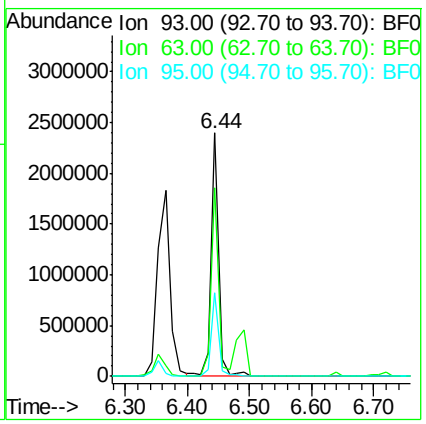




#11
bis(2-Chloroethyl)ether
Concen: 35.06 ng
RT: 6.44 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion: 93 Resp: 2008907

Ion	Ratio	Lower	Upper
93	100		
63	77.4	55.8	95.8
95	34.4	13.0	53.0



Instrument :
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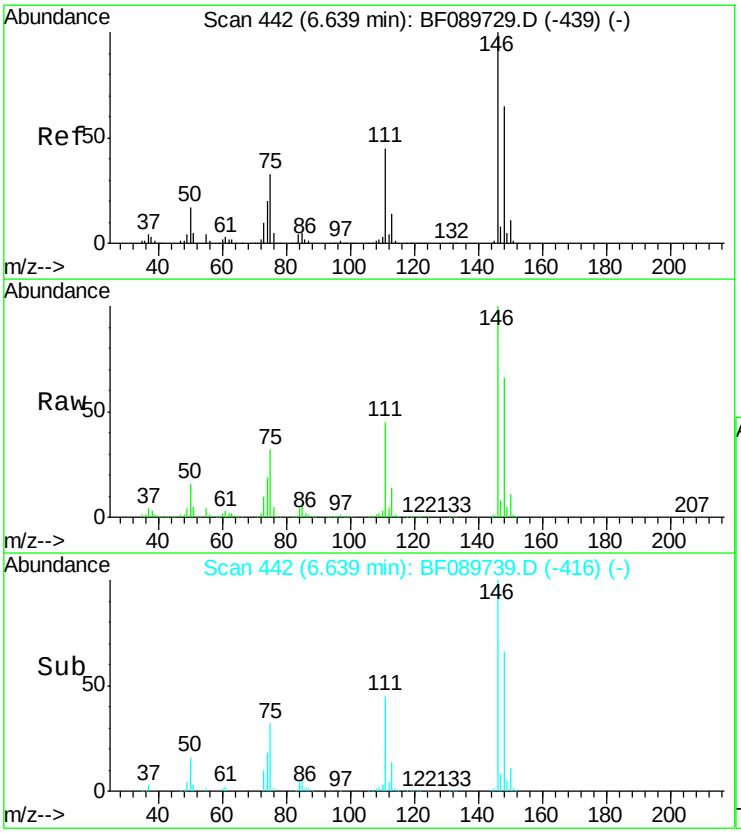
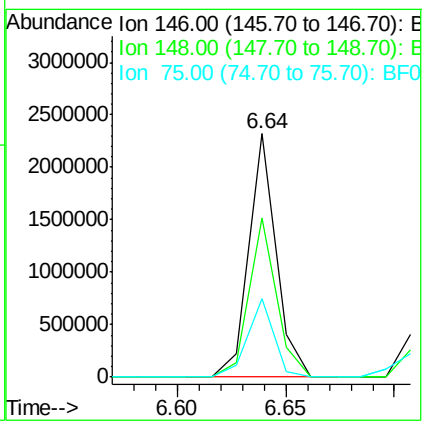
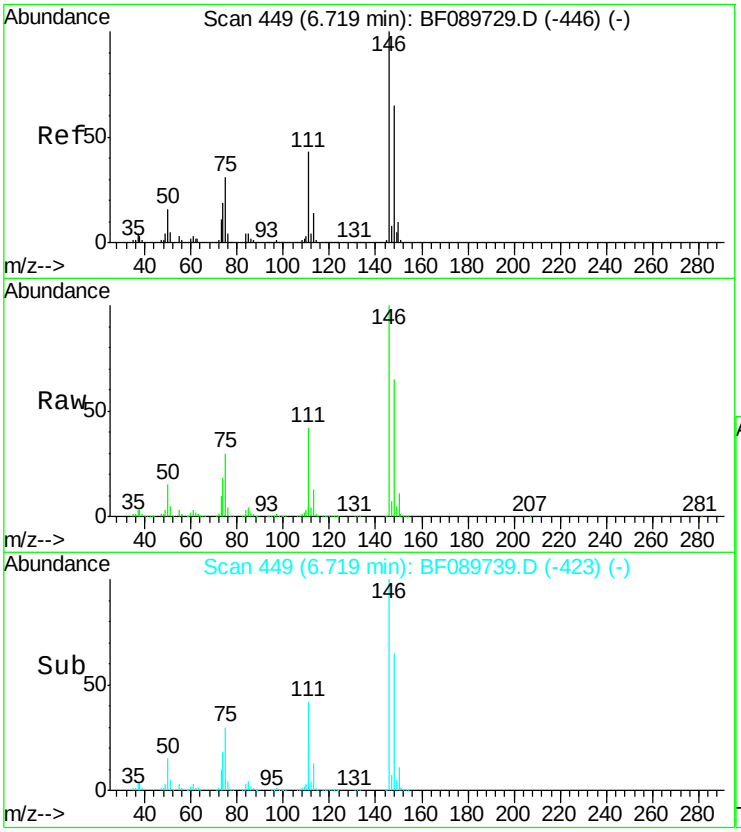


#12
1,3-Dichlorobenzene
Concen: 32.65 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:146 Resp: 2027572

Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.0	76.4
75	32.4	27.0	40.6

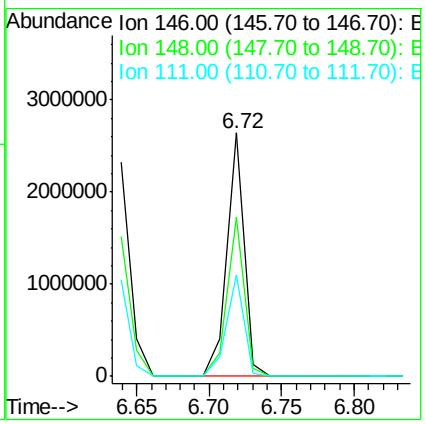




#13
1,4-Dichlorobenzene
Concen: 34.72 ng
RT: 6.72 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:146 Resp: 2184692

Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.0	76.6
111	41.6	34.6	52.0



Instrument :
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ClientSampleId :
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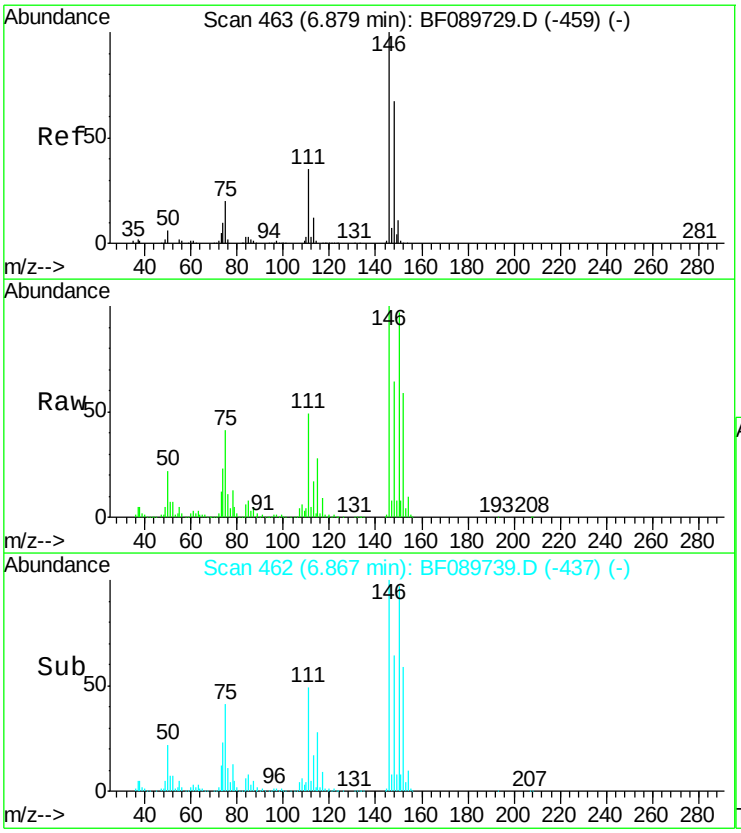
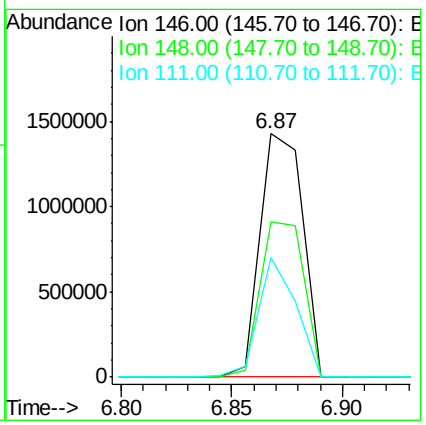
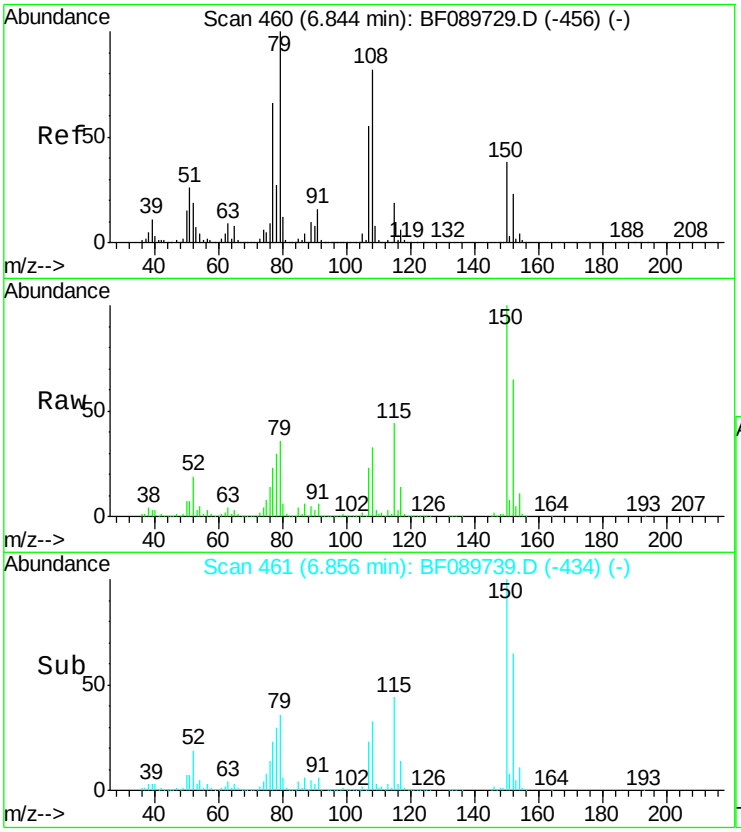


#14
1,2-Dichlorobenzene
Concen: 32.36 ng m
RT: 6.87 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:146 Resp: 1941301

Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.2	78.2
111	48.8	29.8	44.6#

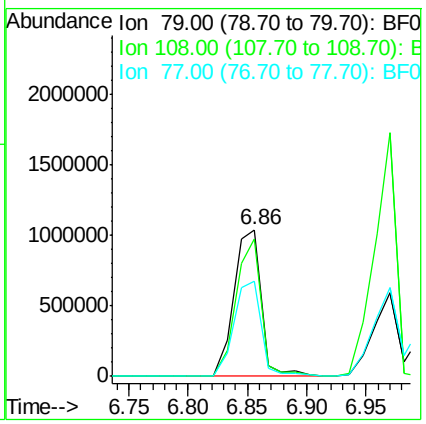




#15
Benzyl Alcohol
Concen: 40.28 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.01 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion: 79 Resp: 1672468

Ion	Ratio	Lower	Upper
79	100		
108	93.6	62.5	93.7
77	64.7	51.5	77.3



Instrument :
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ClientSampleId :
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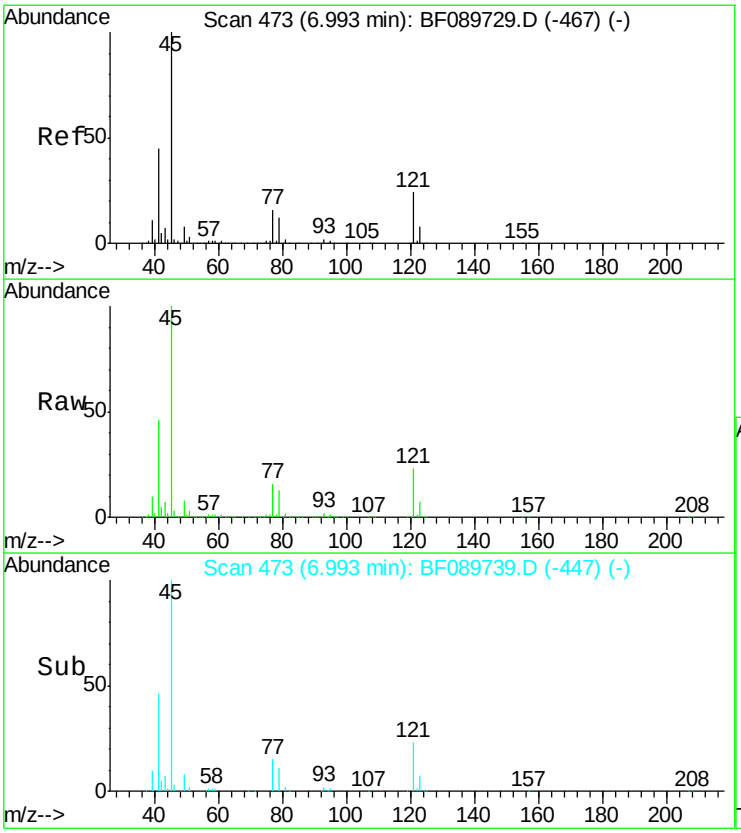
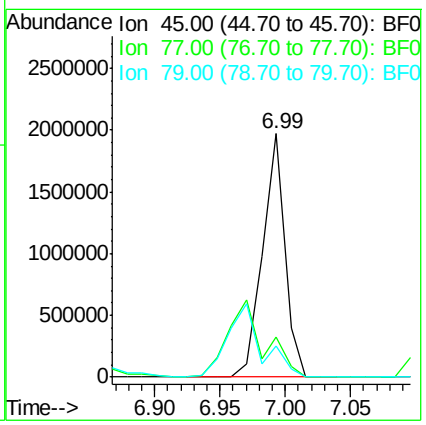
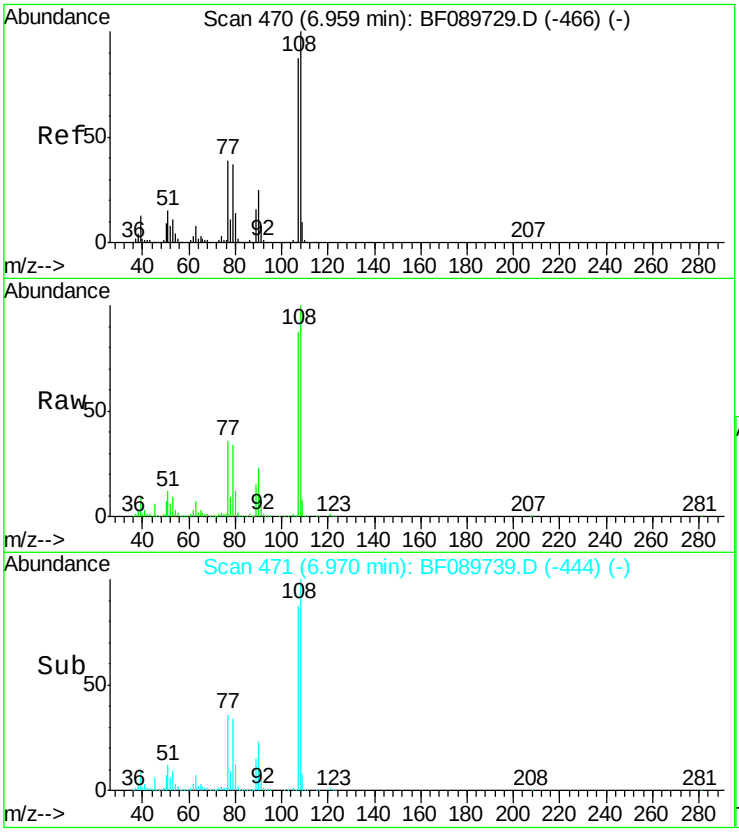


#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.59 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion: 45 Resp: 2374786

Ion	Ratio	Lower	Upper
45	100		
77	16.2	0.0	33.5
79	12.6	0.0	30.7

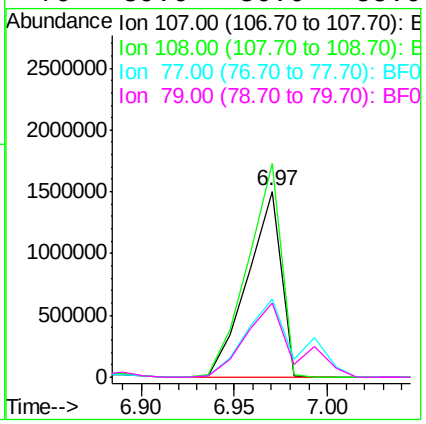




#17
2-Methylphenol
Concen: 40.97 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.01 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:107 Resp: 1891152

Ion	Ratio	Lower	Upper
107	100		
108	114.7	91.0	136.4
77	41.8	37.4	56.0
79	39.6	36.6	55.0



Instrument :
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ClientSampleId :
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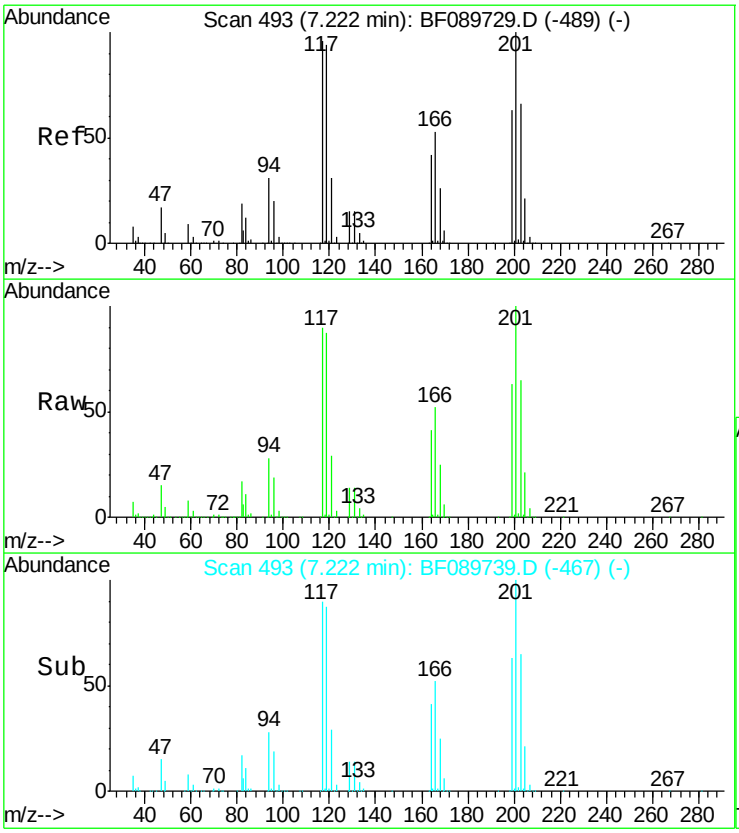
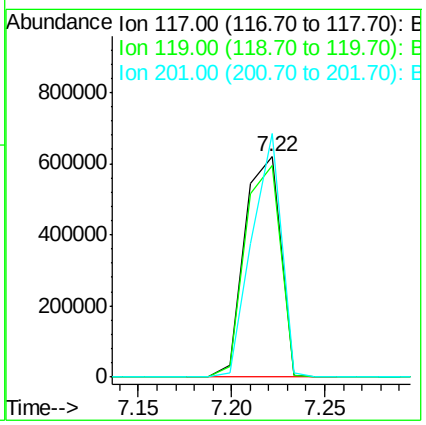
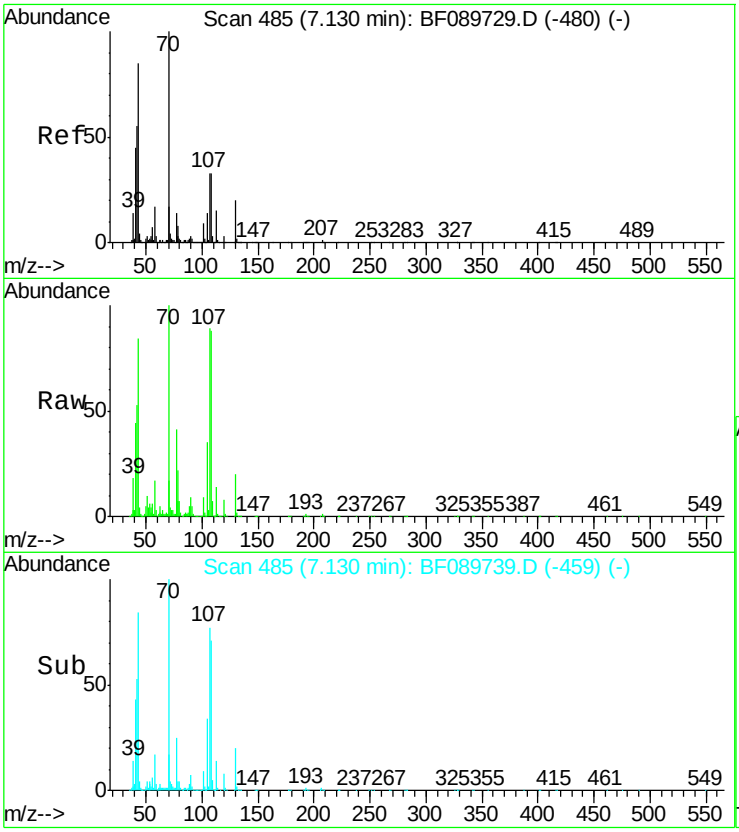


#18
Hexachloroethane
Concen: 35.66 ng
RT: 7.22 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:117 Resp: 822368

Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.1	115.7
201	110.7	76.9	115.3

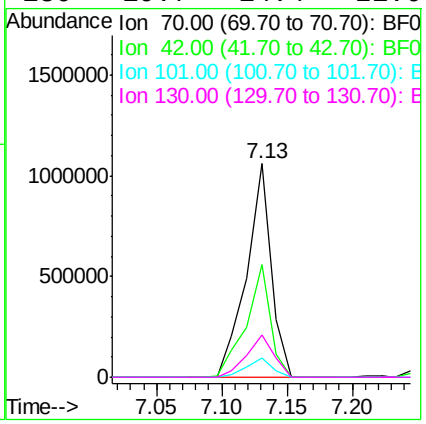




#19
n-Nitroso-di-n-propylamine
Concen: 34.56 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion: 70 Resp: 1406273

Ion	Ratio	Lower	Upper
70	100		
42	52.9	46.3	69.5
101	9.1	7.0	10.6
130	19.7	14.4	21.6



Instrument :
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ClientSampleId :
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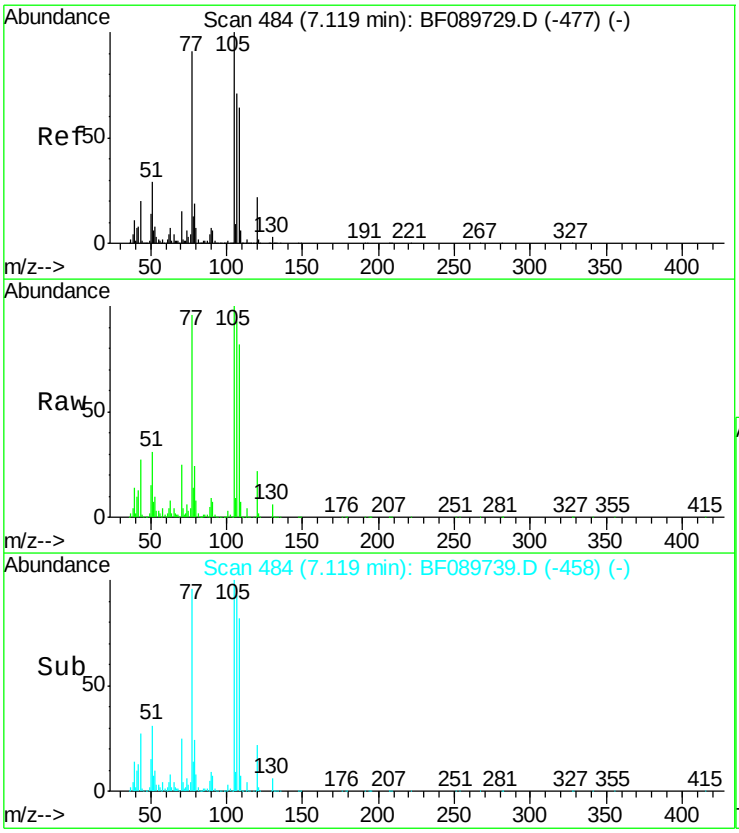
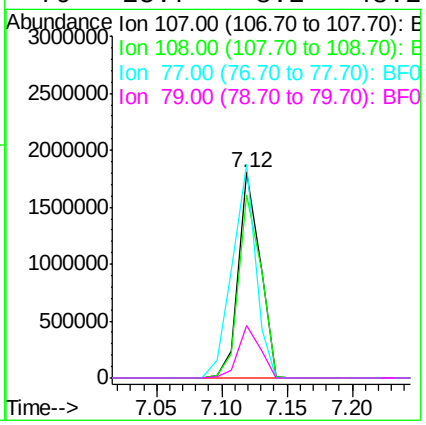
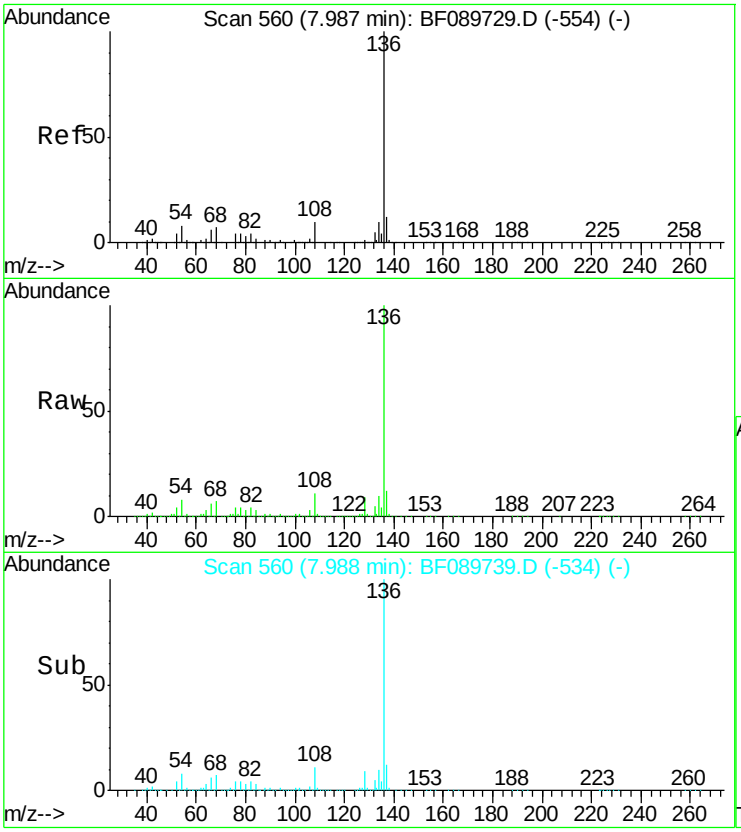


#20
3+4-Methylphenols
Concen: 35.06 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:107 Resp: 2072881

Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.2	108.2
77	103.8	122.3	162.3#
79	25.7	8.2	48.2

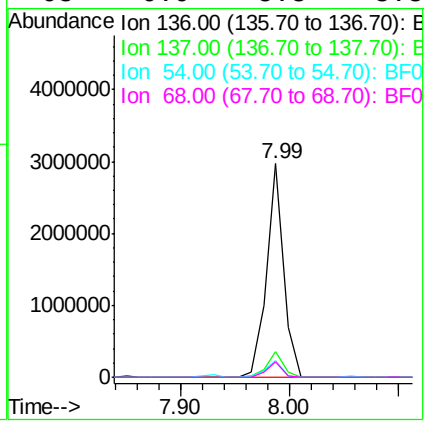




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:136 Resp: 3262380

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.2	13.8
54	7.9	7.2	10.8
68	6.9	5.8	8.8



Instrument :
BNA_F
ClientSampleId :
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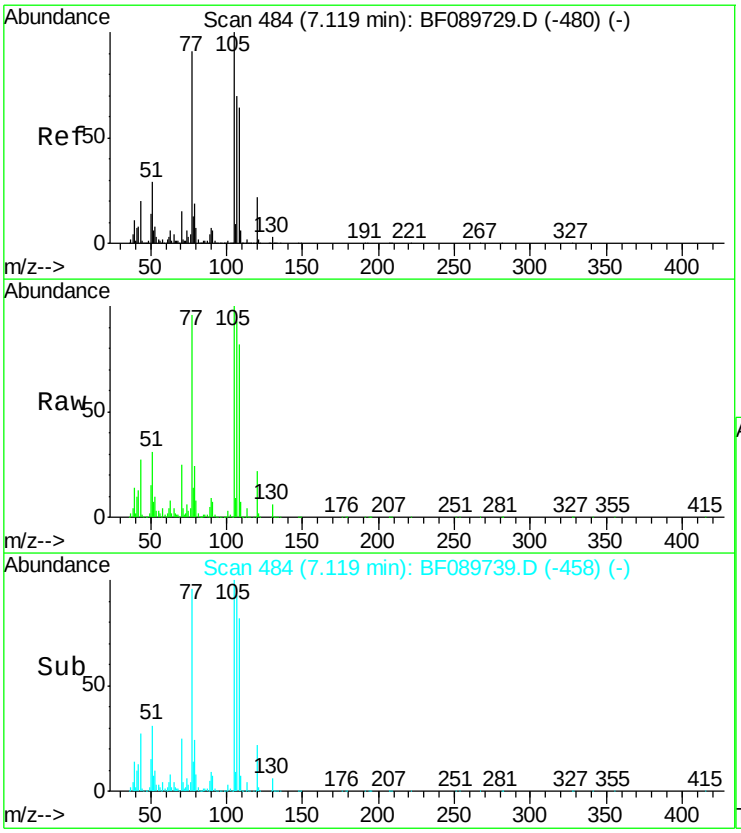
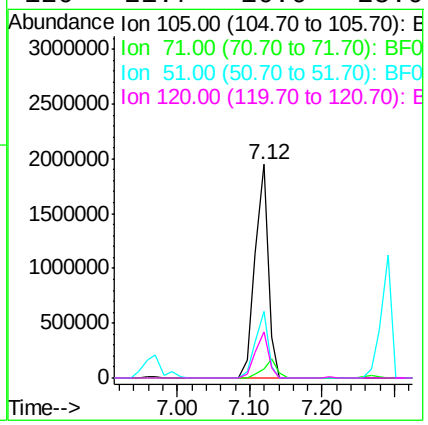
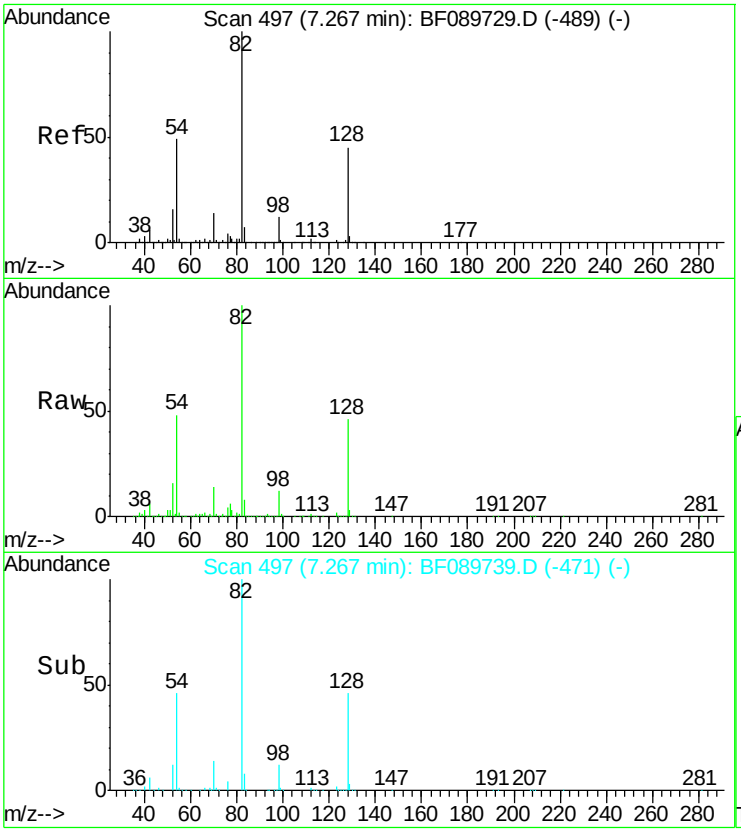


#22
Acetophenone
Concen: 32.80 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:105 Resp: 2487348

Ion	Ratio	Lower	Upper
105	100		
71	4.3	1.9	2.9#
51	30.9	28.5	42.7
120	21.7	16.6	25.0

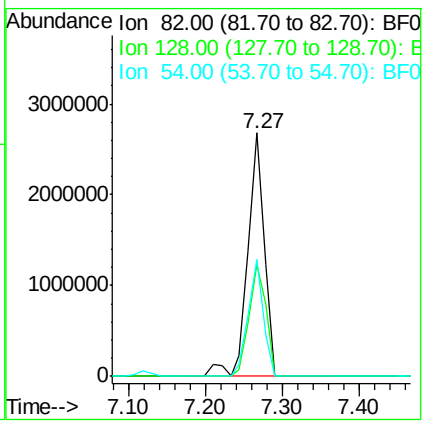




#23
Nitrobenzene-d5
Concen: 74.35 ng
RT: 7.27 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion: 82 Resp: 3972290

Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.4	51.6
54	48.1	40.3	60.5



Instrument :
BNA_F
ClientSampleId :
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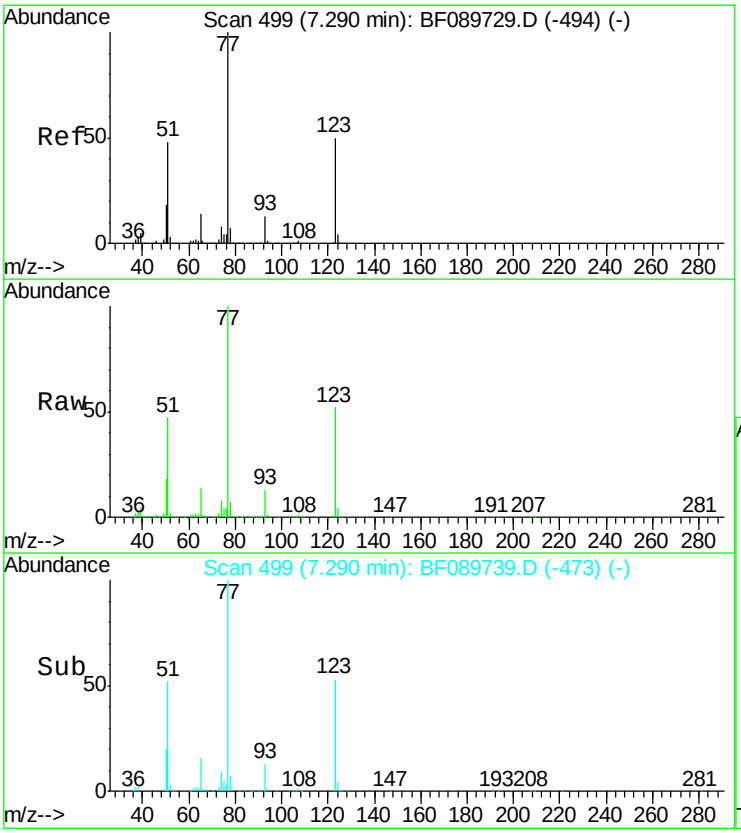
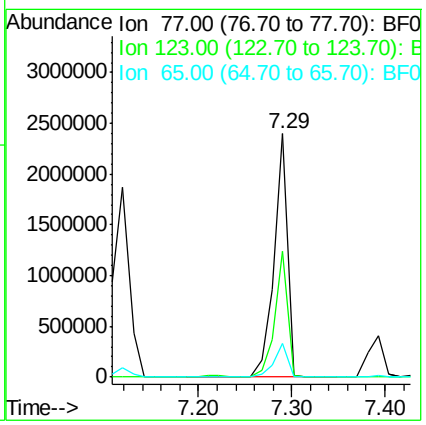
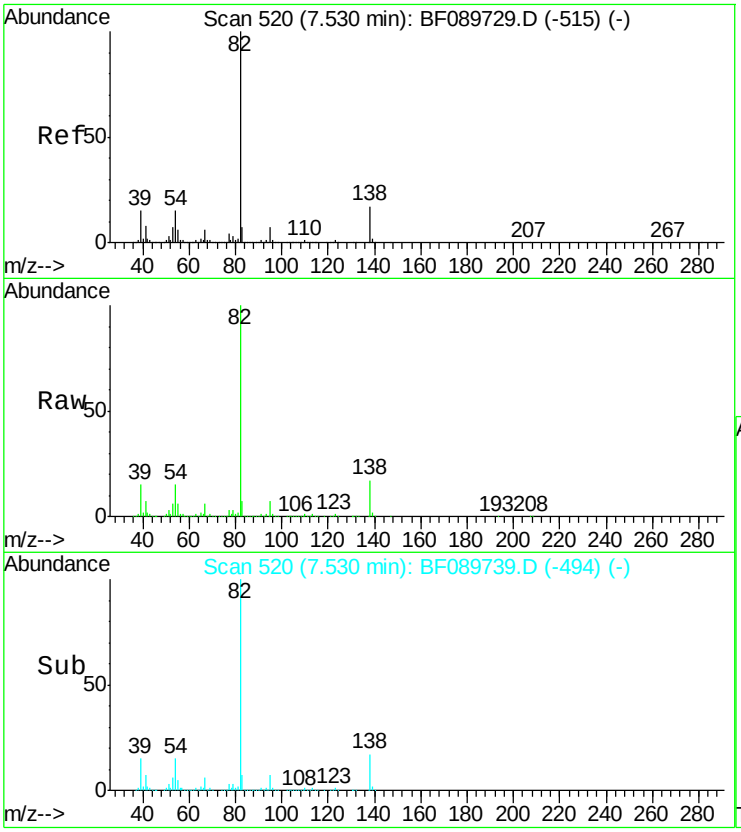


#24
Nitrobenzene
Concen: 39.38 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion: 77 Resp: 2366687

Ion	Ratio	Lower	Upper
77	100		
123	51.6	36.2	54.2
65	14.0	10.6	15.8

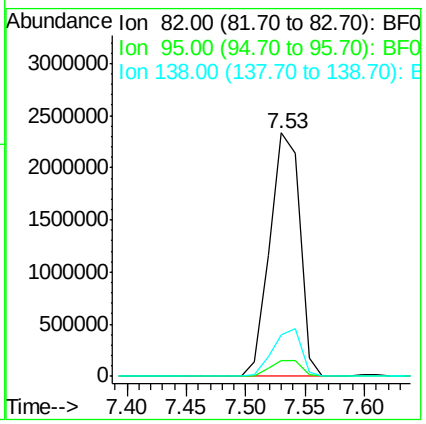




#25
Isophorone
Concen: 38.24 ng
RT: 7.53 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion: 82 Resp: 4087823

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.3	7.9
138	17.2	13.0	19.4



Instrument :
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ClientSampleId :
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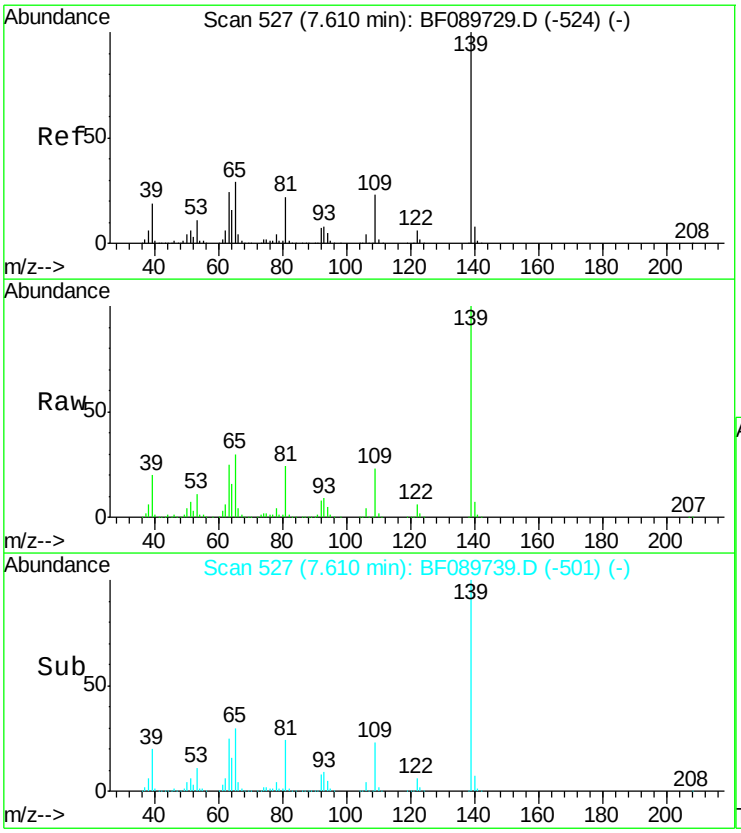
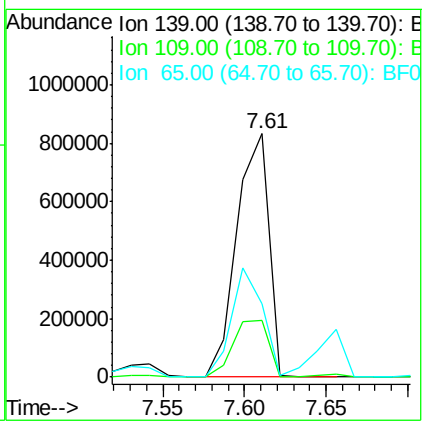
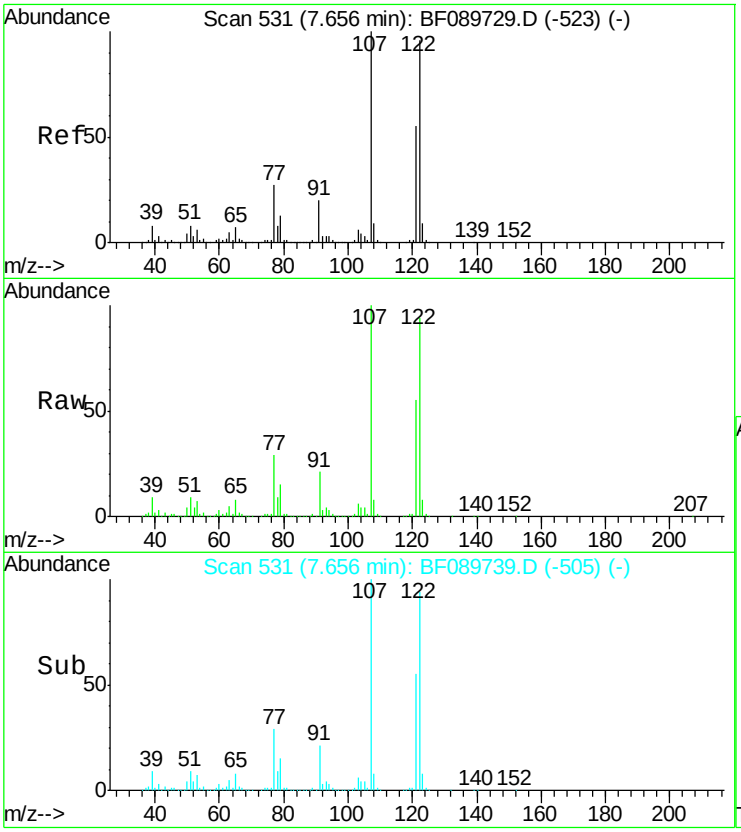


#26
2-Nitrophenol
Concen: 39.94 ng
RT: 7.61 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:139 Resp: 1129489

Ion	Ratio	Lower	Upper
139	100		
109	23.1	19.5	29.3
65	30.3	26.5	39.7

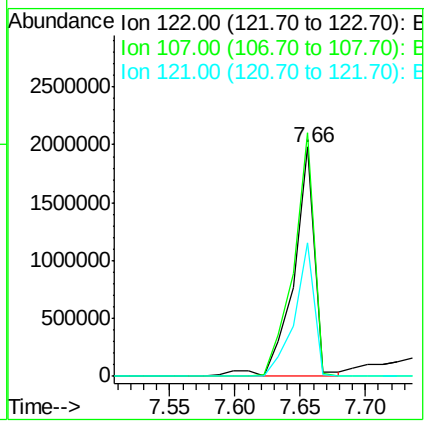




#27
2,4-Dimethylphenol
Concen: 41.35 ng
RT: 7.66 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:122 Resp: 2216208

Ion	Ratio	Lower	Upper
122	100		
107	106.2	84.8	127.2
121	58.2	47.0	70.6



Instrument :
BNA_F
ClientSampleId :
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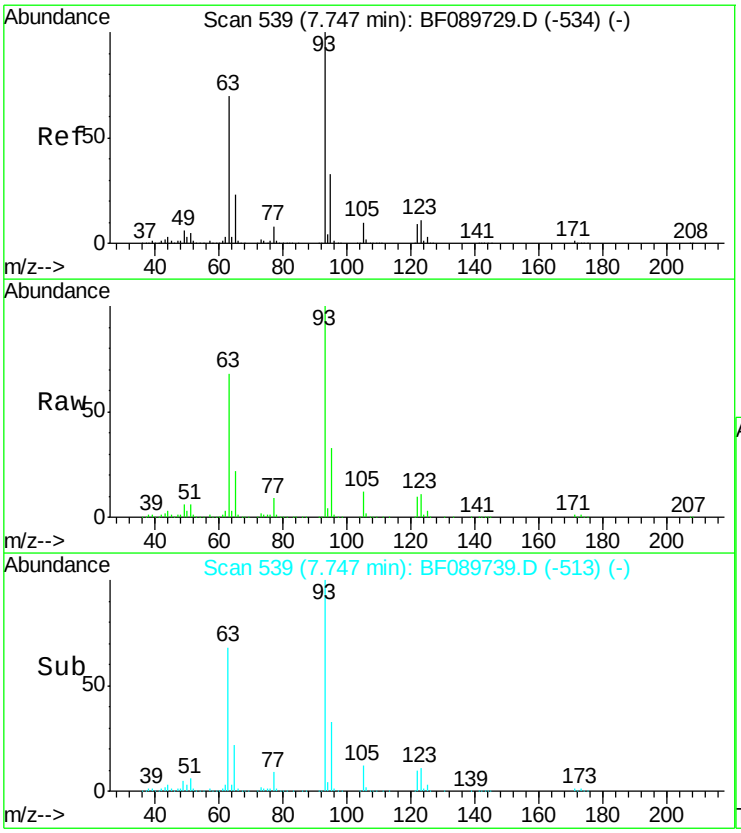
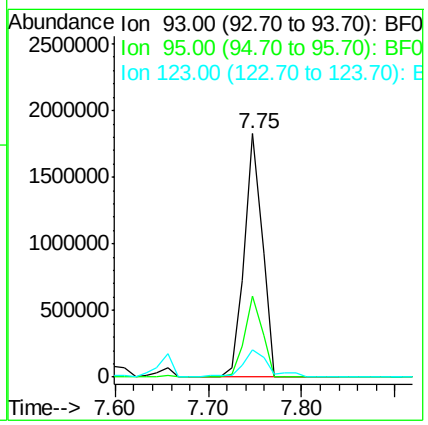
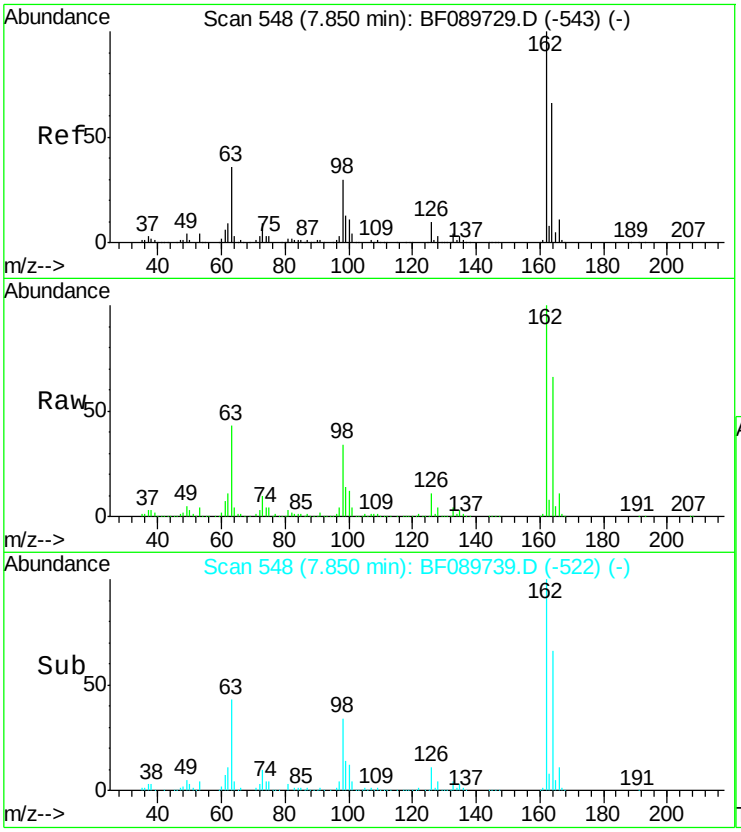


#28
bis(2-Chloroethoxy)methane
Concen: 37.57 ng
RT: 7.75 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion: 93 Resp: 2440435

Ion	Ratio	Lower	Upper
93	100		
95	33.2	25.5	38.3
123	11.4	8.5	12.7

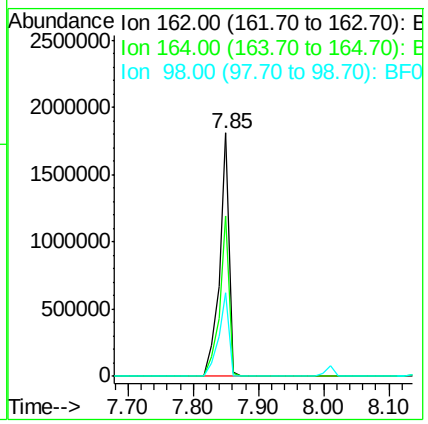




#29
2,4-Dichlorophenol
Concen: 42.44 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:162 Resp: 1894017

Ion	Ratio	Lower	Upper
162	100		
164	65.8	45.5	85.5
98	34.2	12.4	52.4



Instrument :
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ClientSampleId :
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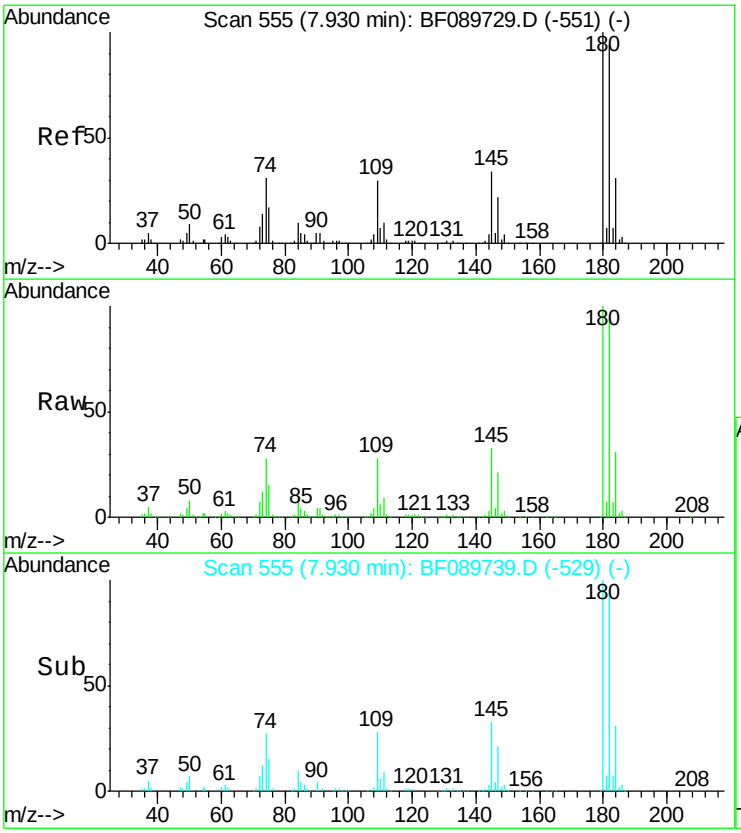
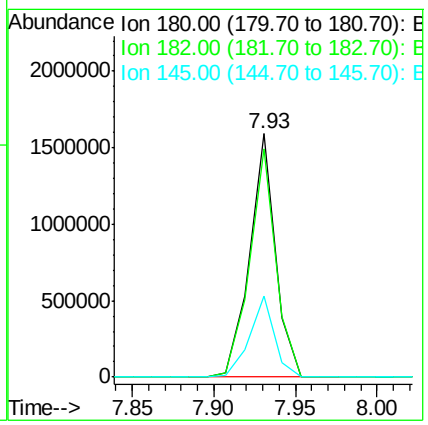
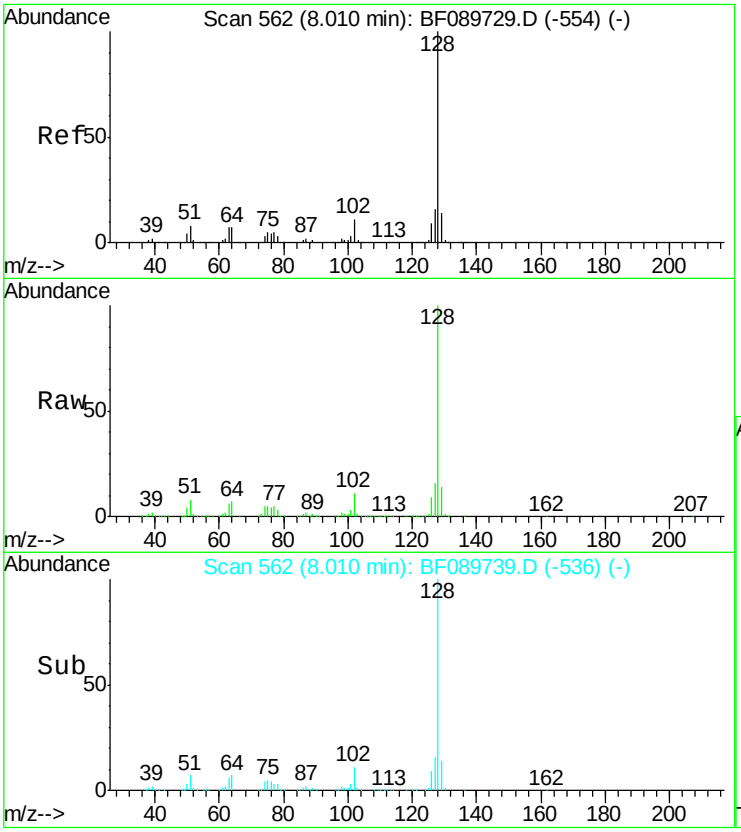


#30
1,2,4-Trichlorobenzene
Concen: 36.47 ng
RT: 7.93 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:180 Resp: 1747122

Ion	Ratio	Lower	Upper
180	100		
182	93.6	75.5	113.3
145	33.4	28.7	43.1

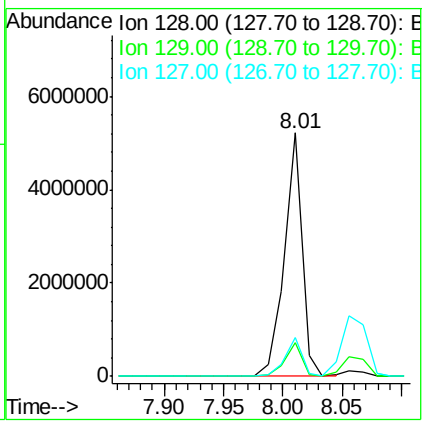




#31
Naphthalene
Concen: 36.31 ng
RT: 8.01 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:128 Resp: 5316646

Ion	Ratio	Lower	Upper
128	100		
129	13.7	9.5	14.3
127	16.2	11.3	16.9



Instrument :
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ClientSampleId :
PB92850BS

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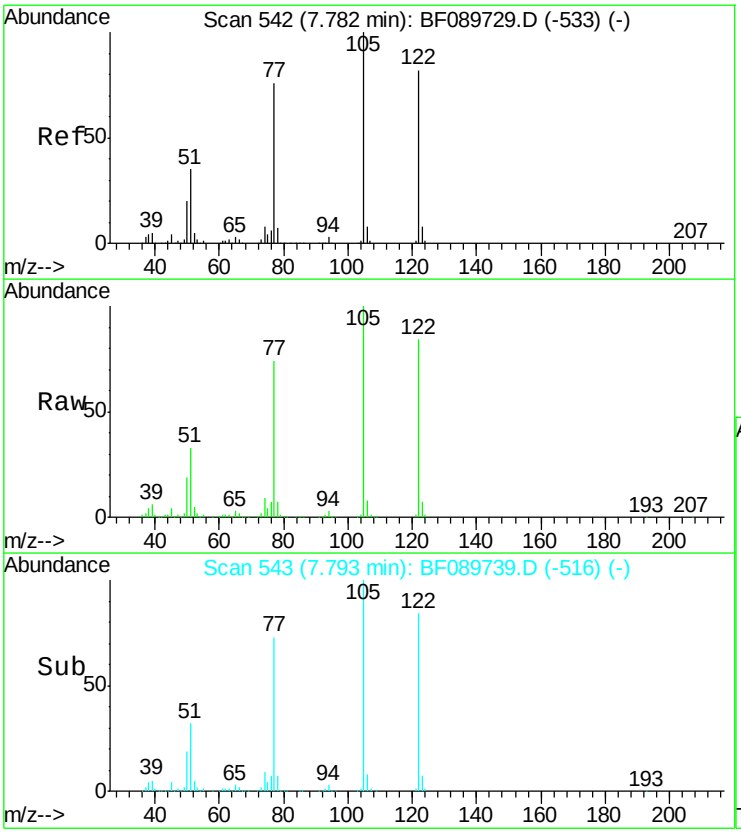
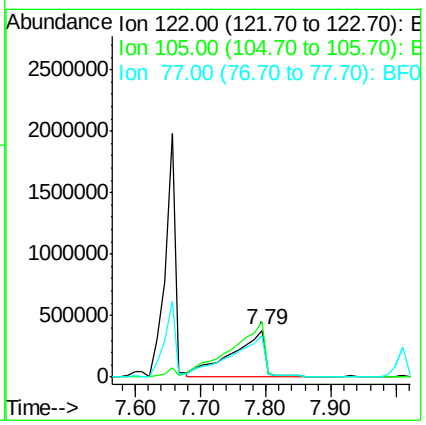
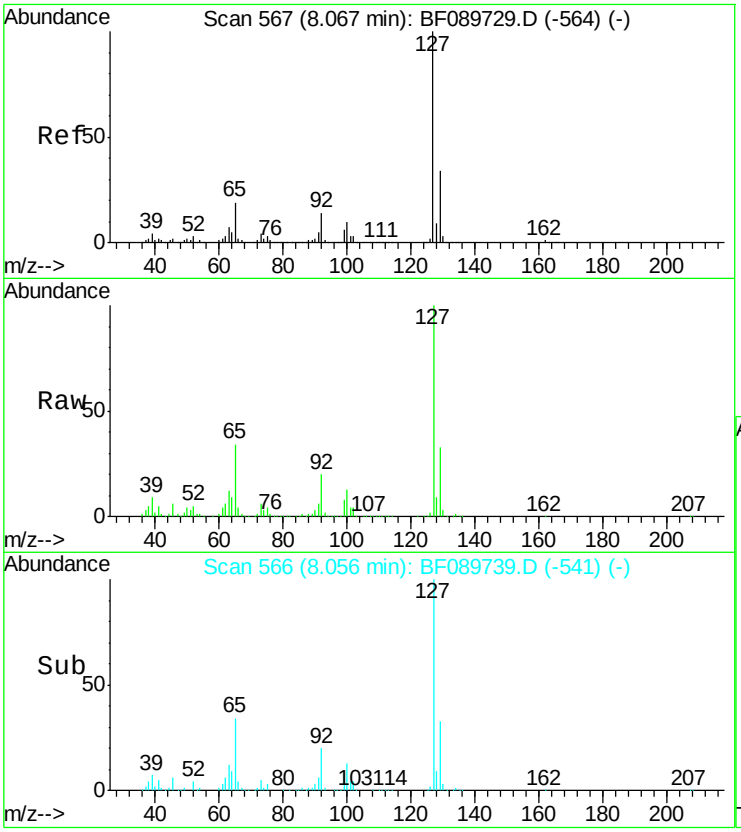


#32
Benzoic acid
Concen: 32.23 ng
RT: 7.79 min Scan# 543
Delta R.T. 0.01 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:122 Resp: 1342932

Ion	Ratio	Lower	Upper
122	100		
105	118.9	100.8	140.8
77	87.6	72.1	112.1

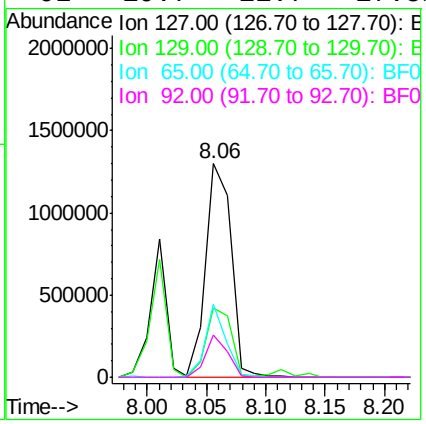




#33
4-Chloroaniline
Concen: 28.22 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:127 Resp: 1912176

Ion	Ratio	Lower	Upper
127	100		
129	32.6	27.0	40.6
65	34.3	14.7	22.1#
92	19.7	11.7	17.5#



Instrument :
BNA_F
ClientSampleId :
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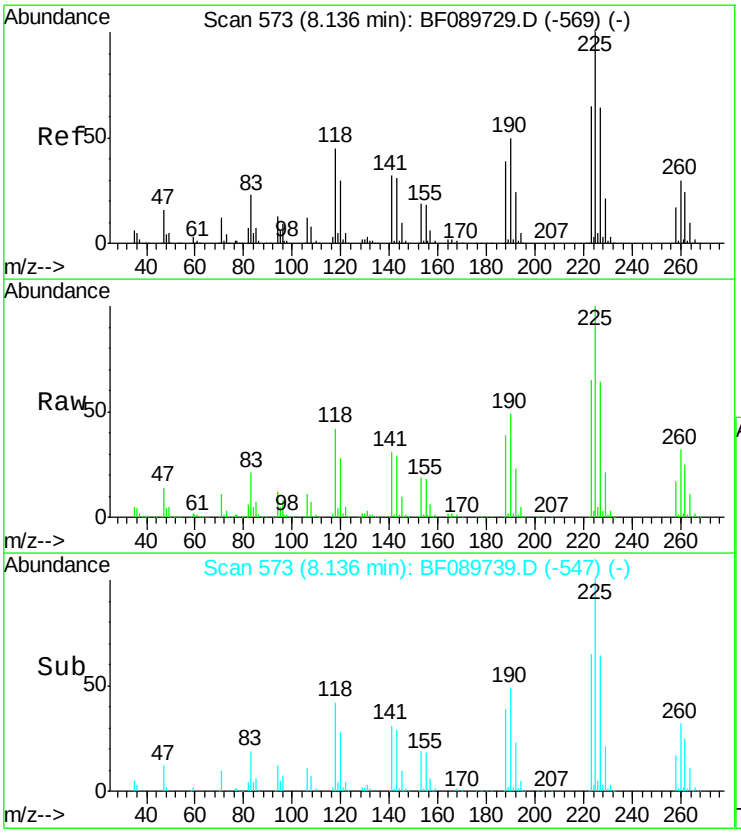
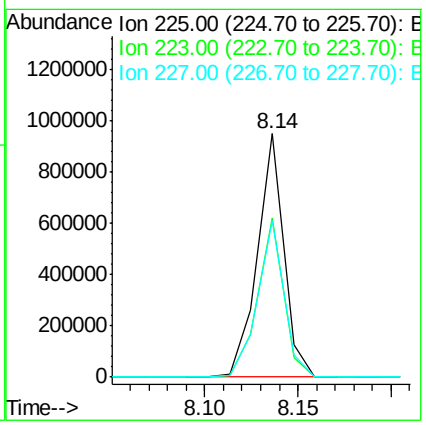
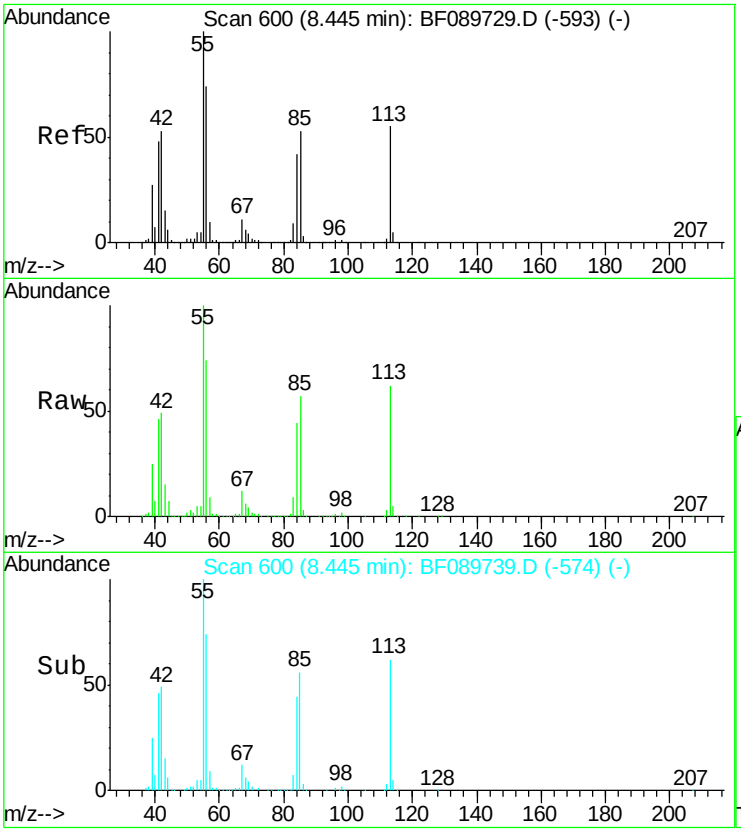


#34
Hexachlorobutadiene
Concen: 36.71 ng
RT: 8.14 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:225 Resp: 923838

Ion	Ratio	Lower	Upper
225	100		
223	65.3	51.0	76.6
227	64.4	49.8	74.6

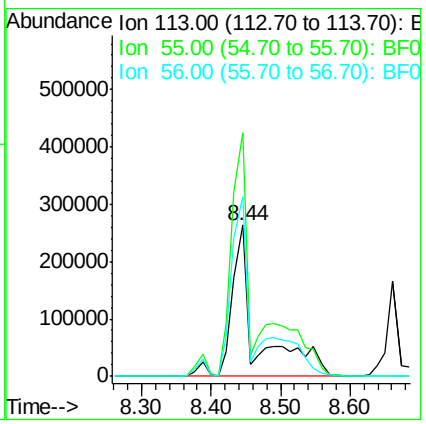




#35
Caprolactam
Concen: 46.40 ng m
RT: 8.44 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:113 Resp: 638171

Ion	Ratio	Lower	Upper
113	100		
55	161.3	135.9	175.9
56	118.6	93.9	133.9



Instrument :
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ClientSampleId :
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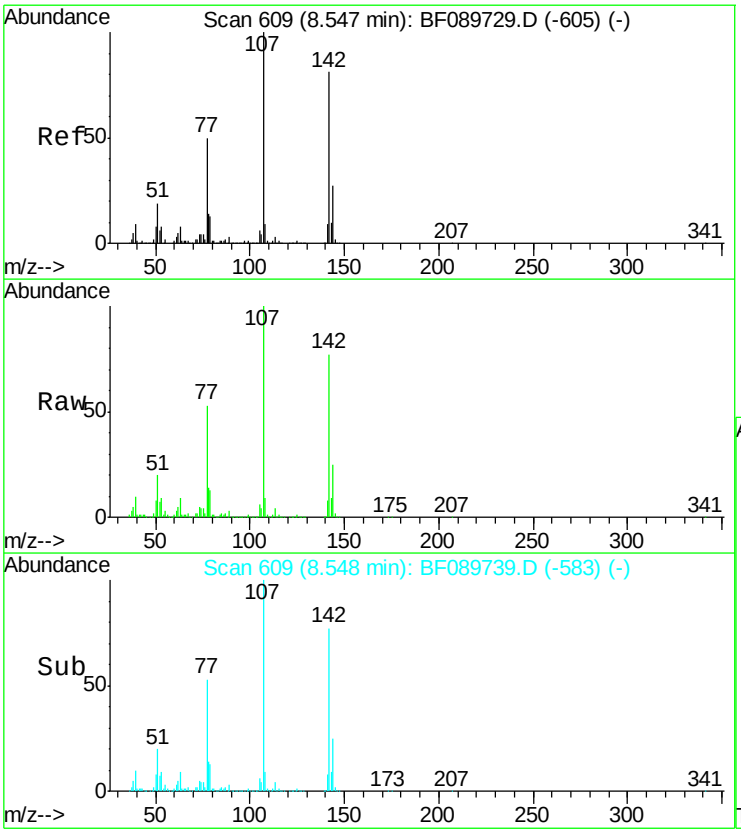
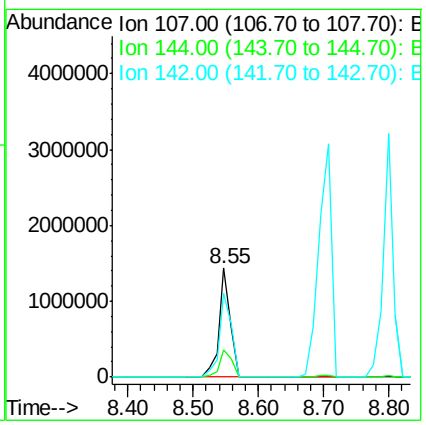
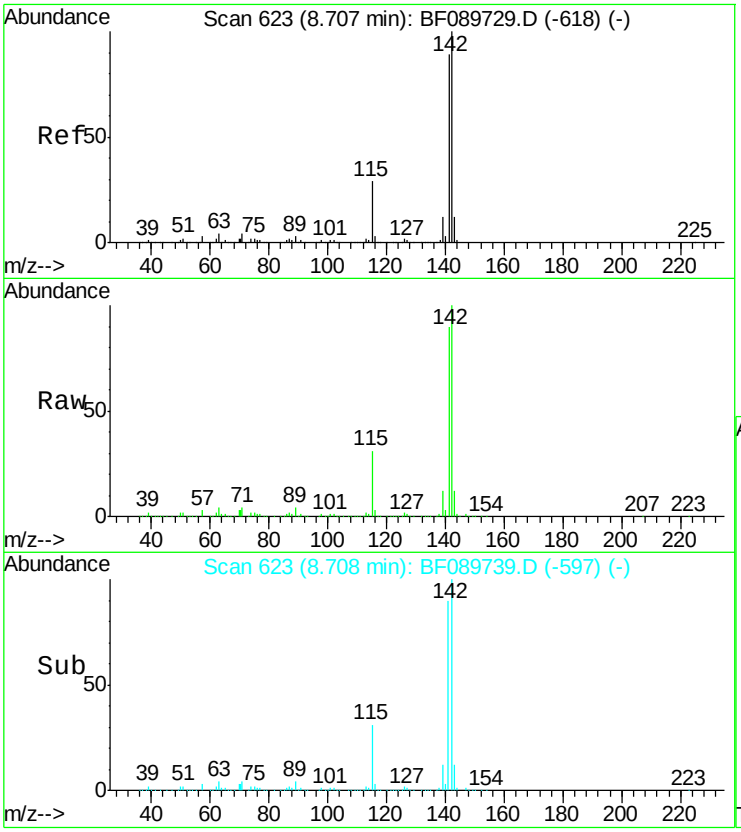


#36
4-Chloro-3-methylphenol
Concen: 35.97 ng
RT: 8.55 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:107 Resp: 1747608

Ion	Ratio	Lower	Upper
107	100		
144	25.1	22.6	34.0
142	77.1	69.3	103.9

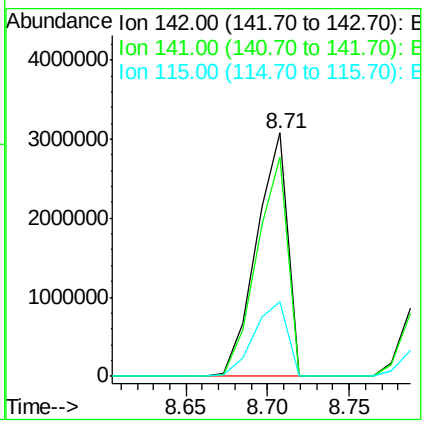




#37
2-Methylnaphthalene
Concen: 40.77 ng
RT: 8.71 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:142 Resp: 4063388

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.4	107.2
115	30.6	22.7	34.1



Instrument :
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ClientSampleId :
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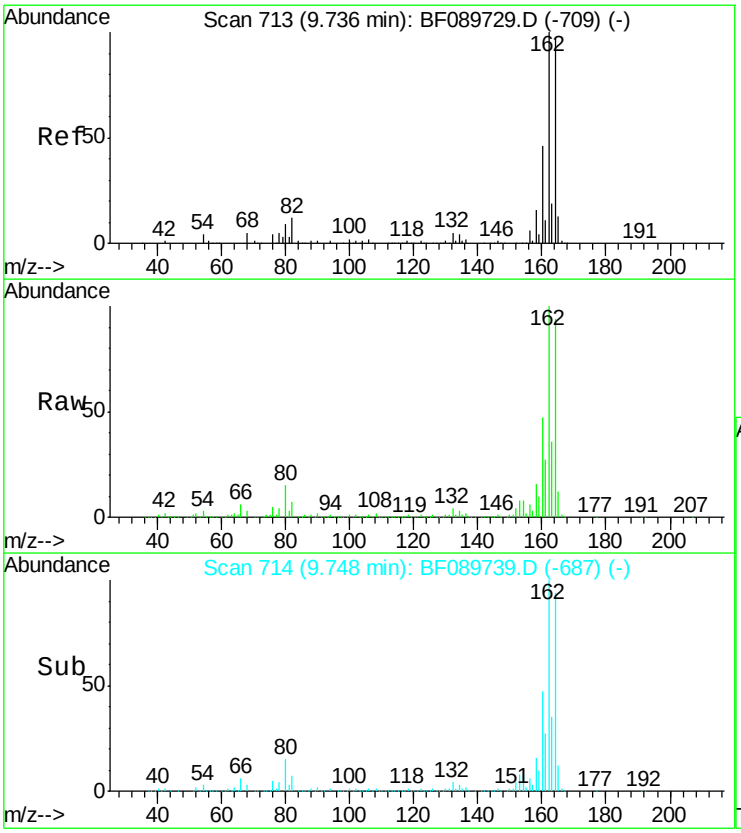
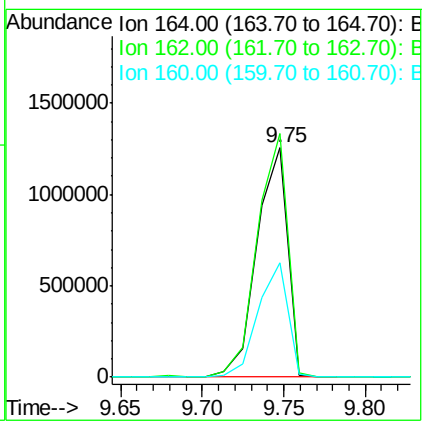
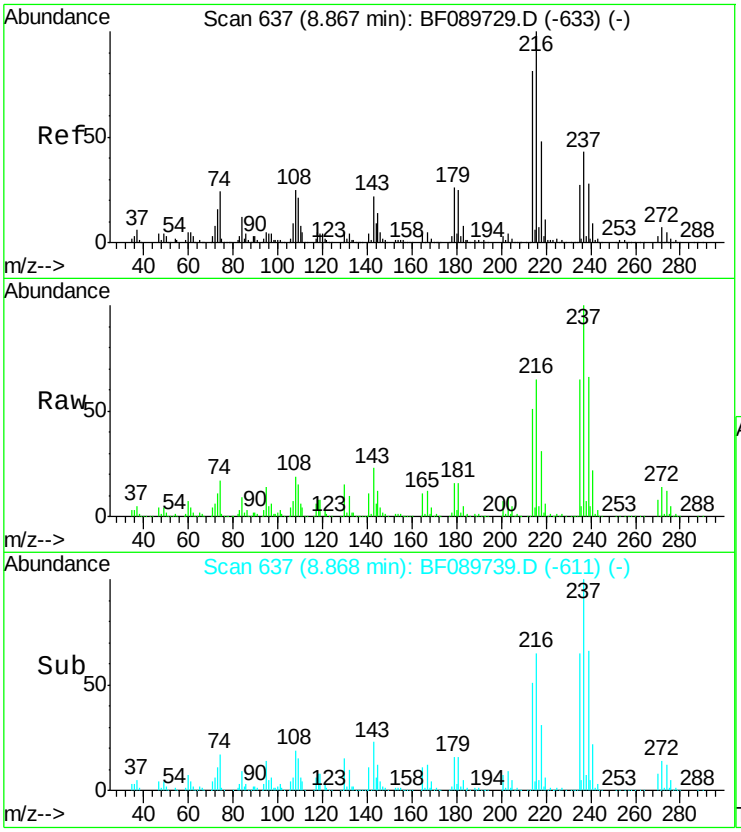


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.01 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:164 Resp: 1641429

Ion	Ratio	Lower	Upper
164	100		
162	106.2	81.4	122.2
160	50.2	37.8	56.6

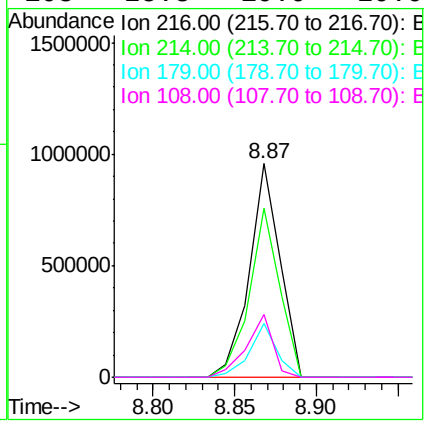




#39
1,2,4,5-Tetrachlorobenzene
Concen: 23.66 ng
RT: 8.87 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:216 Resp: 1248700

Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.5	95.3
179	22.4	19.9	29.9
108	25.8	19.9	29.9



Instrument :
BNA_F
ClientSampleId :
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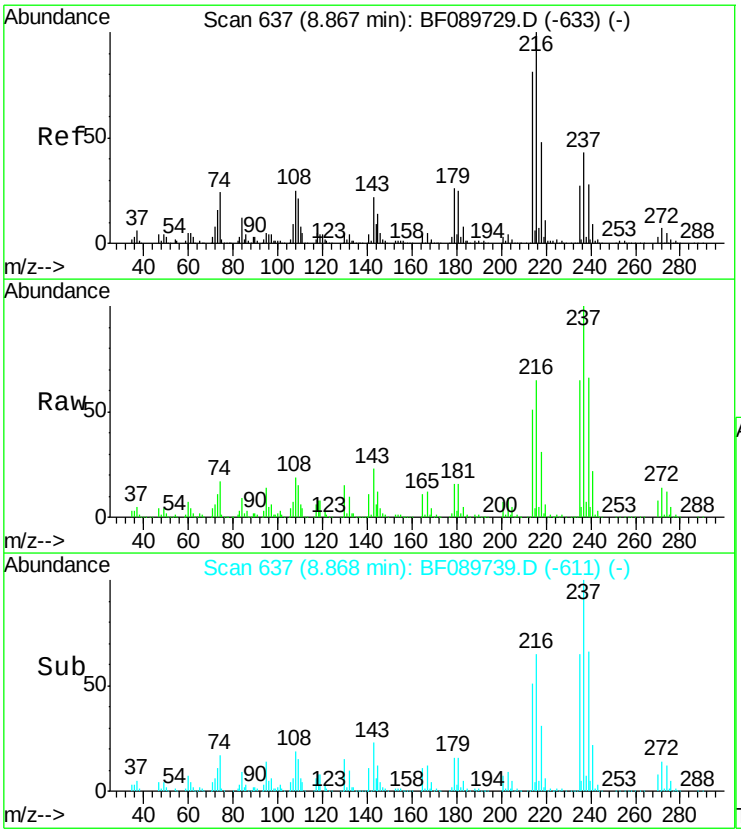
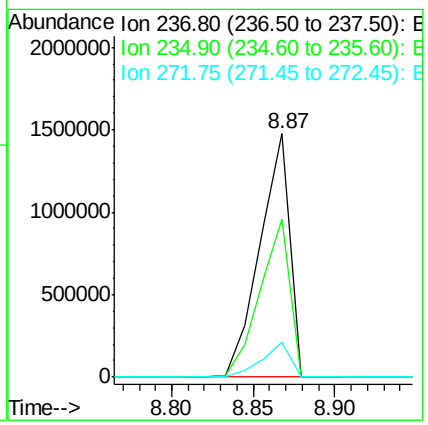
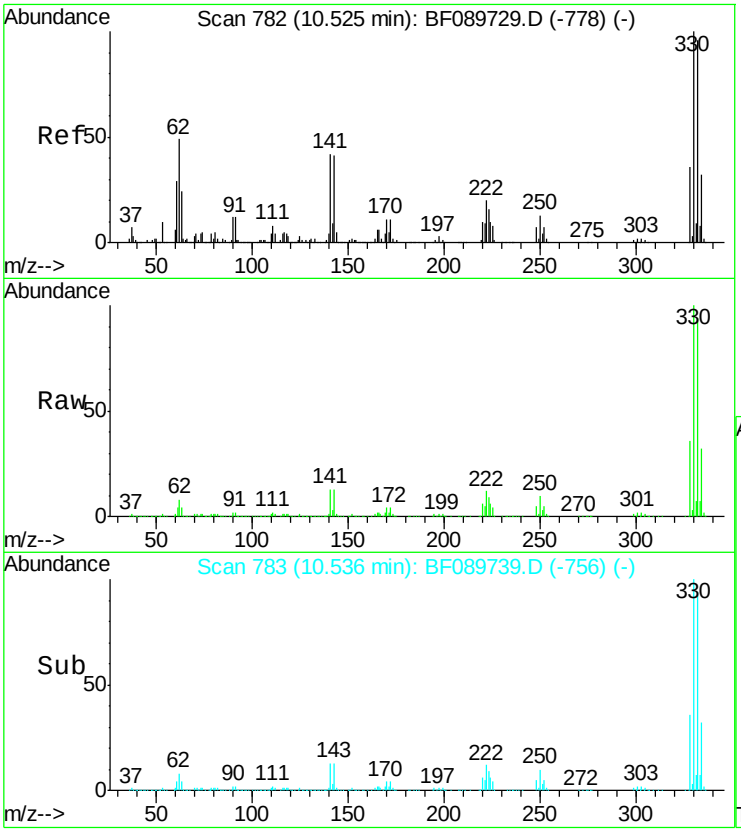


#40
Hexachlorocyclopentadiene
Concen: 79.76 ng
RT: 8.87 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:237 Resp: 1875639

Ion	Ratio	Lower	Upper
237	100		
235	64.8	43.7	83.7
272	14.5	0.0	31.6

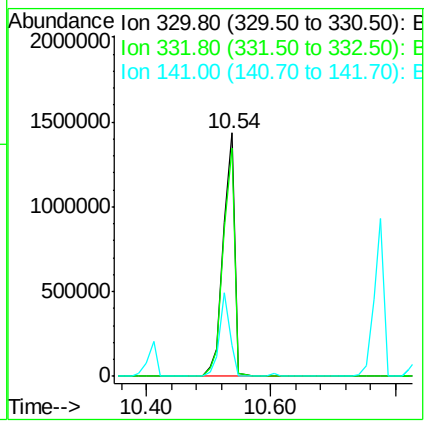




#41
2,4,6-Tribromophenol
Concen: 113.06 ng
RT: 10.54 min Scan# 783
Delta R.T. 0.01 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:330 Resp: 1795290

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.7	115.1
141	32.0	30.2	45.2



Instrument :
BNA_F
ClientSampleId :
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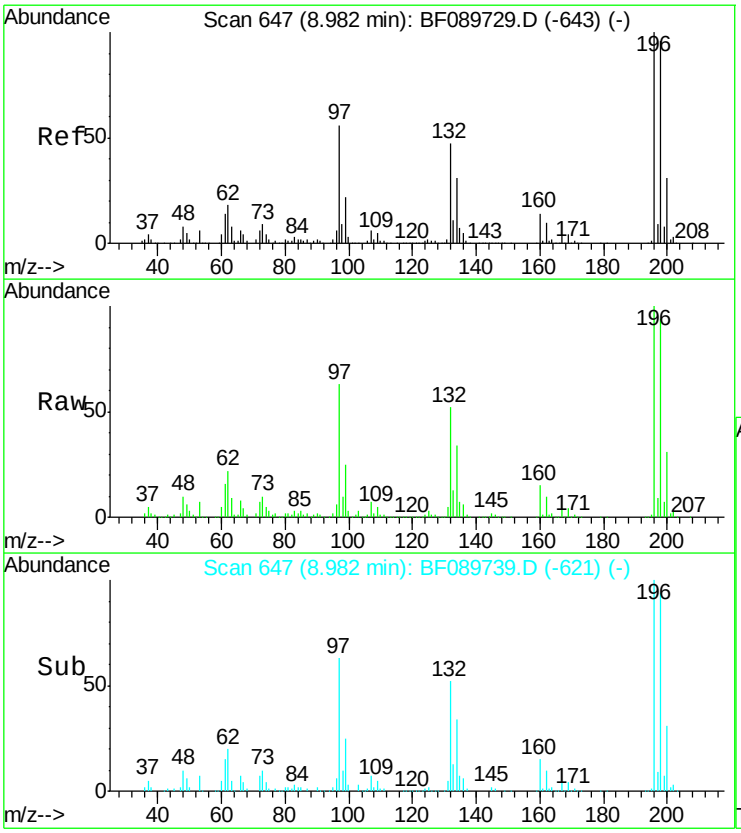
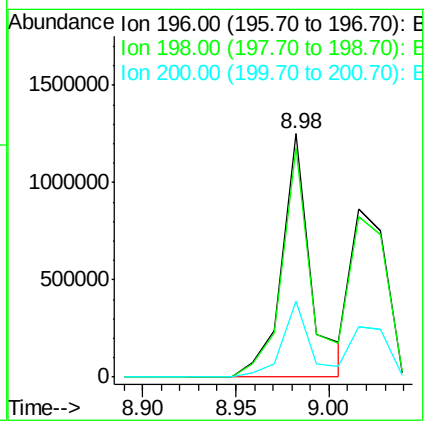
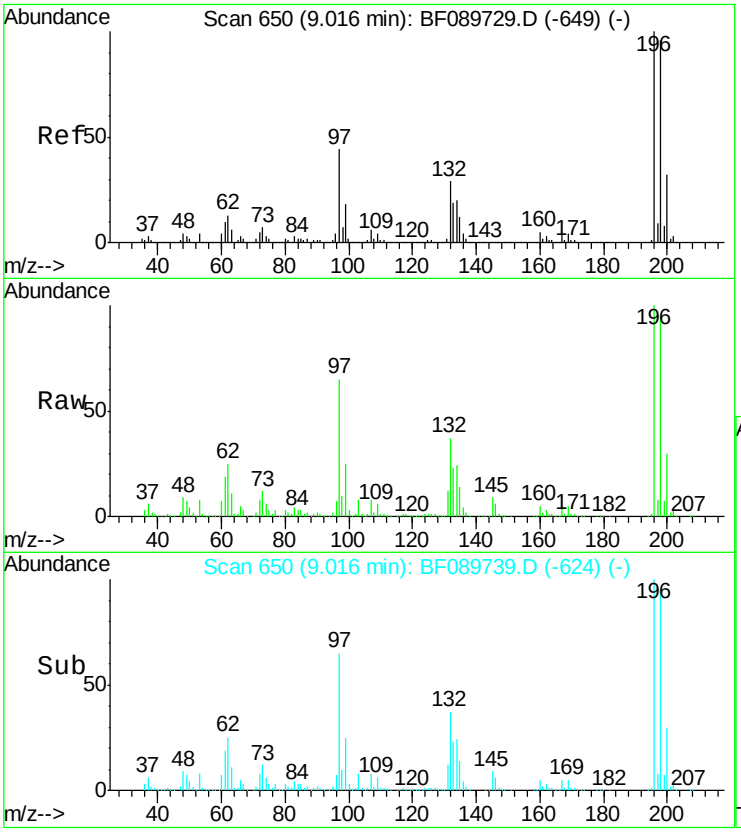


#42
2,4,6-Trichlorophenol
Concen: 39.56 ng
RT: 8.98 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:196 Resp: 1348505

Ion	Ratio	Lower	Upper
196	100		
198	94.2	76.3	114.5
200	31.0	24.6	36.8

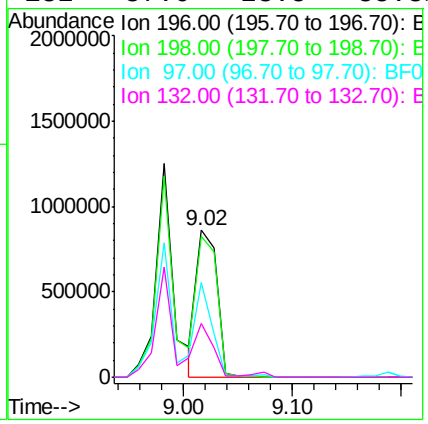




#43
2,4,5-Trichlorophenol
Concen: 35.10 ng
RT: 9.02 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:196 Resp: 1140820

Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.6	114.8
97	64.9	35.8	53.8#
132	37.0	23.5	35.3#



Instrument :
BNA_F
ClientSampleId :
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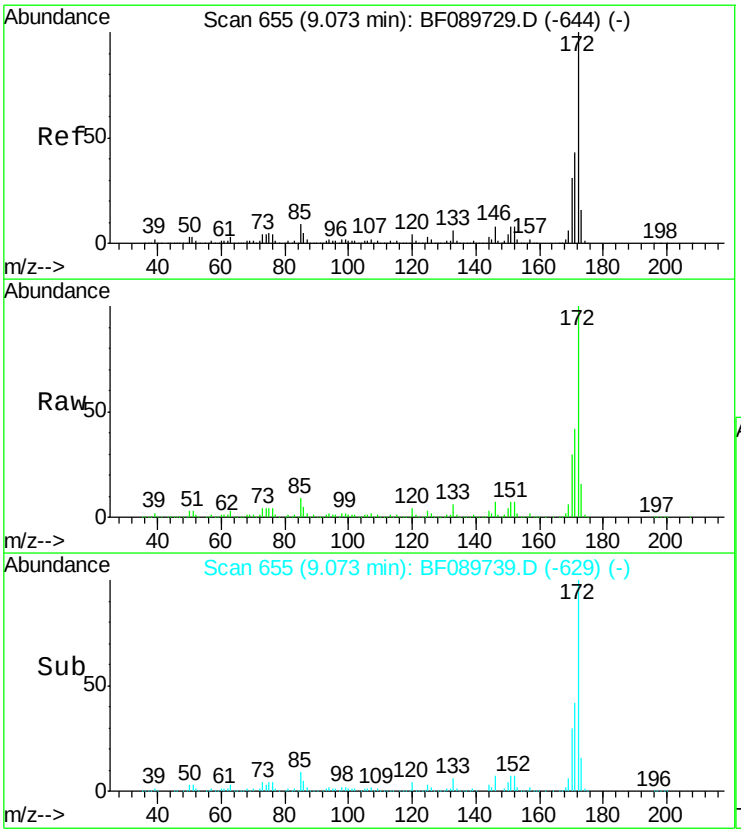
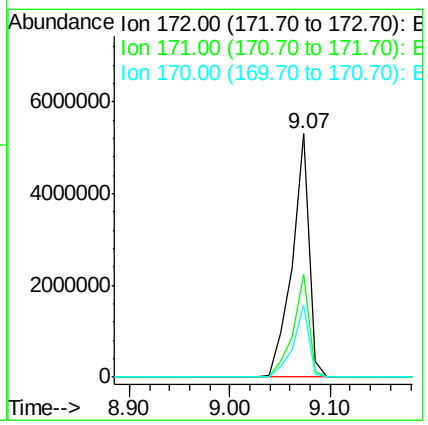
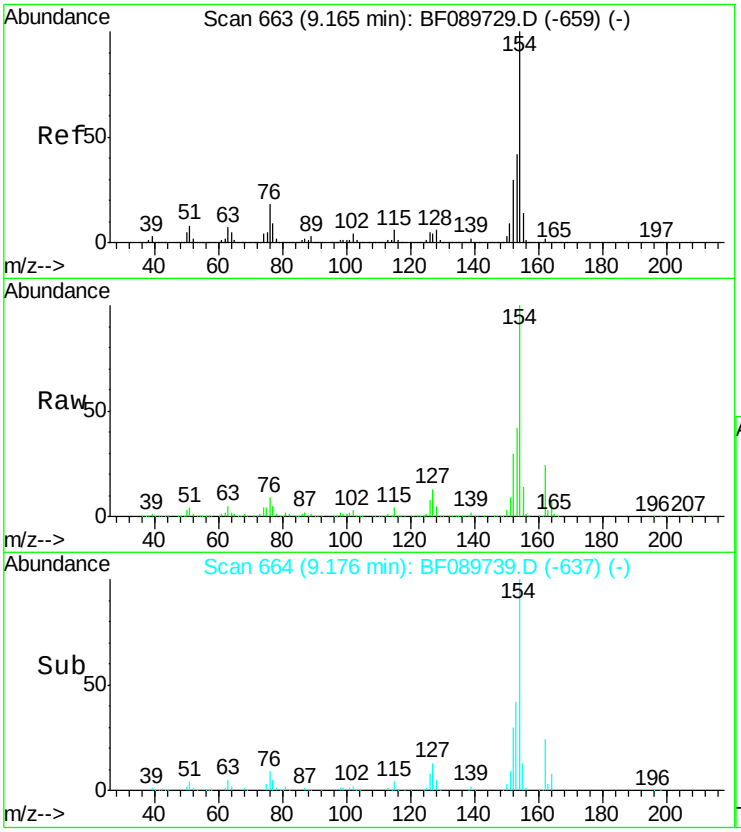


#44
2-Fluorobiphenyl
Concen: 60.74 ng
RT: 9.07 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:172 Resp: 6212897

Ion	Ratio	Lower	Upper
172	100		
171	42.3	30.5	45.7
170	29.8	20.6	31.0

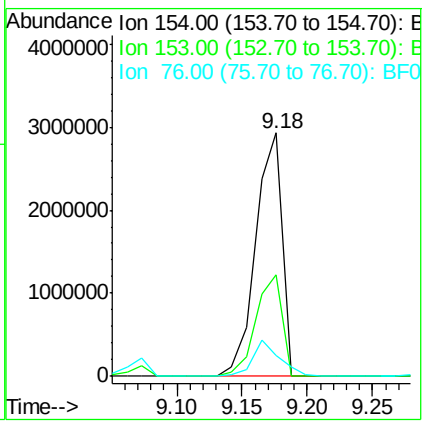




#45
1,1'-Biphenyl
Concen: 30.29 ng
RT: 9.18 min Scan# 664
Delta R.T. 0.01 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:154 Resp: 4118137

Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.5	61.5
76	8.7	0.0	36.7



Instrument :
BNA_F
ClientSampleId :
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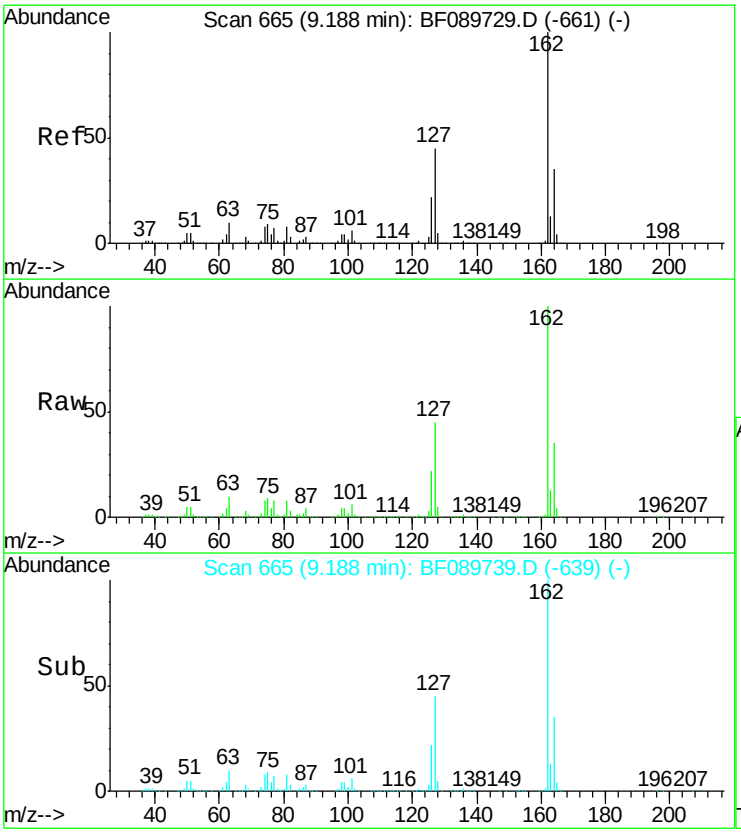
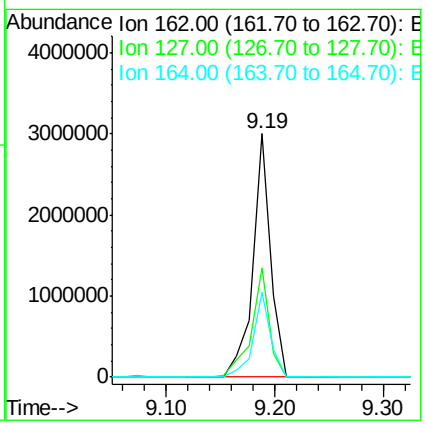
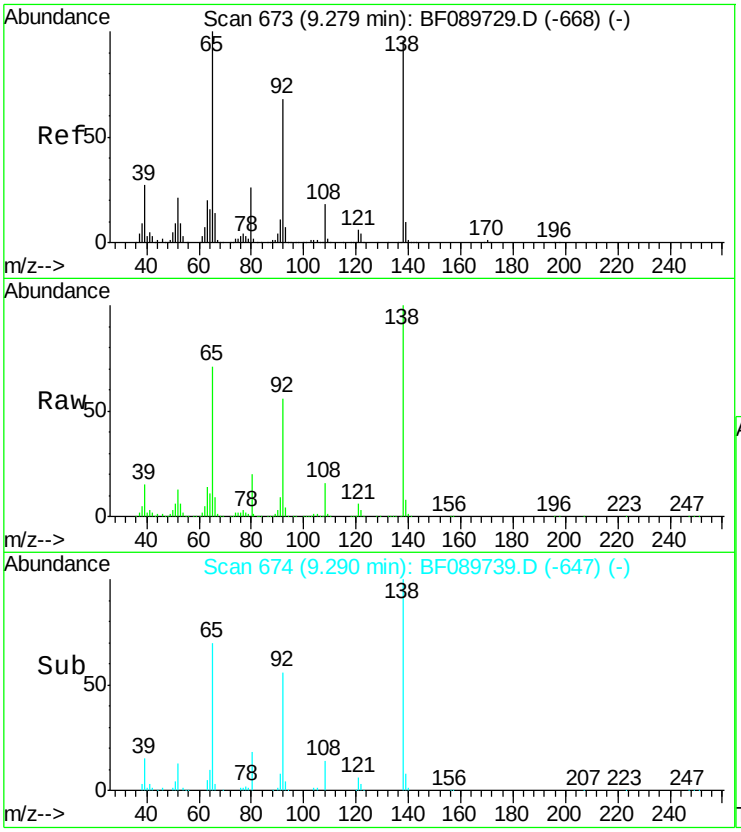


#46
2-Chloronaphthalene
Concen: 33.42 ng
RT: 9.19 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:162 Resp: 3404396

Ion	Ratio	Lower	Upper
162	100		
127	44.9	35.5	53.3
164	35.0	26.6	40.0

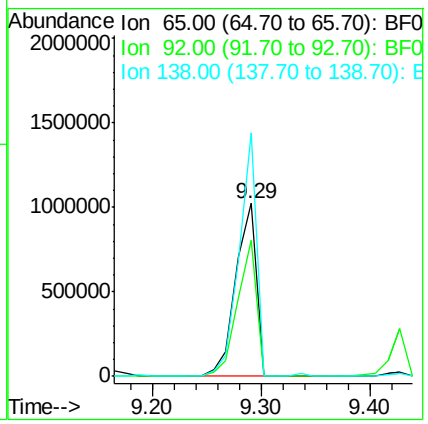




#47
2-Nitroaniline
Concen: 42.61 ng
RT: 9.29 min Scan# 674
Delta R.T. 0.01 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion: 65 Resp: 1322541

Ion	Ratio	Lower	Upper
65	100		
92	78.5	56.3	84.5
138	140.9	81.8	122.8#



Instrument :
BNA_F
ClientSampleId :
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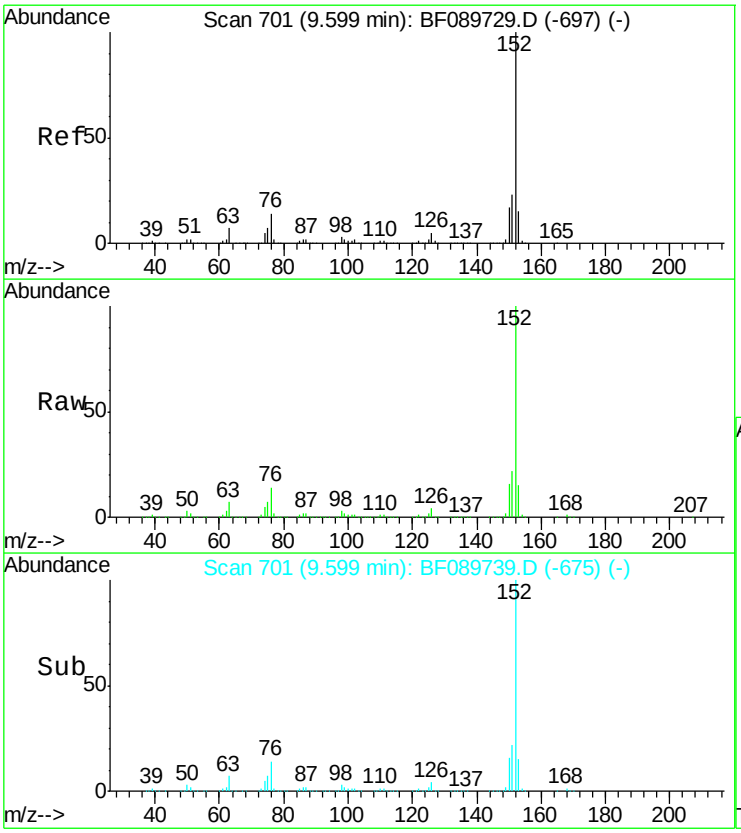
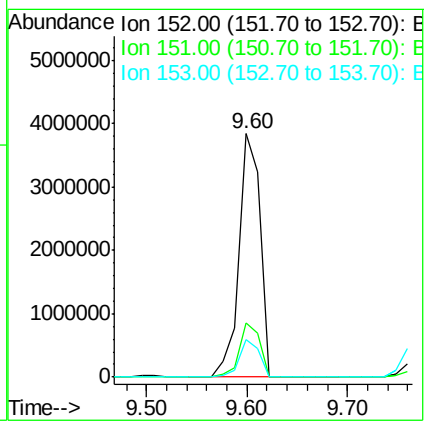
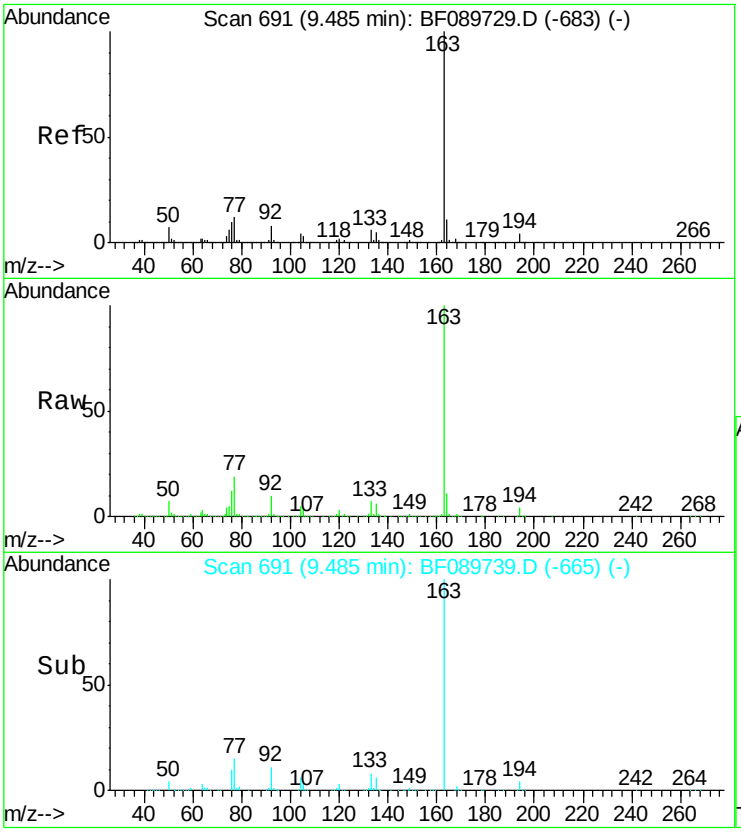


#48
Acenaphthylene
Concen: 35.48 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:152 Resp: 5564479

Ion	Ratio	Lower	Upper
152	100		
151	22.4	17.1	25.7
153	15.3	11.2	16.8

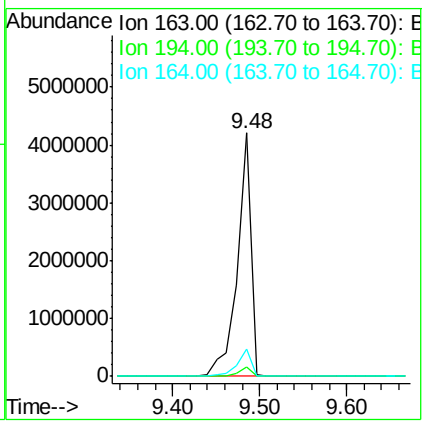




#49
Dimethylphthalate
Concen: 37.69 ng
RT: 9.48 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:163 Resp: 4476462

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	3.8#
164	11.4	8.6	12.8



Instrument :
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ClientSampleId :
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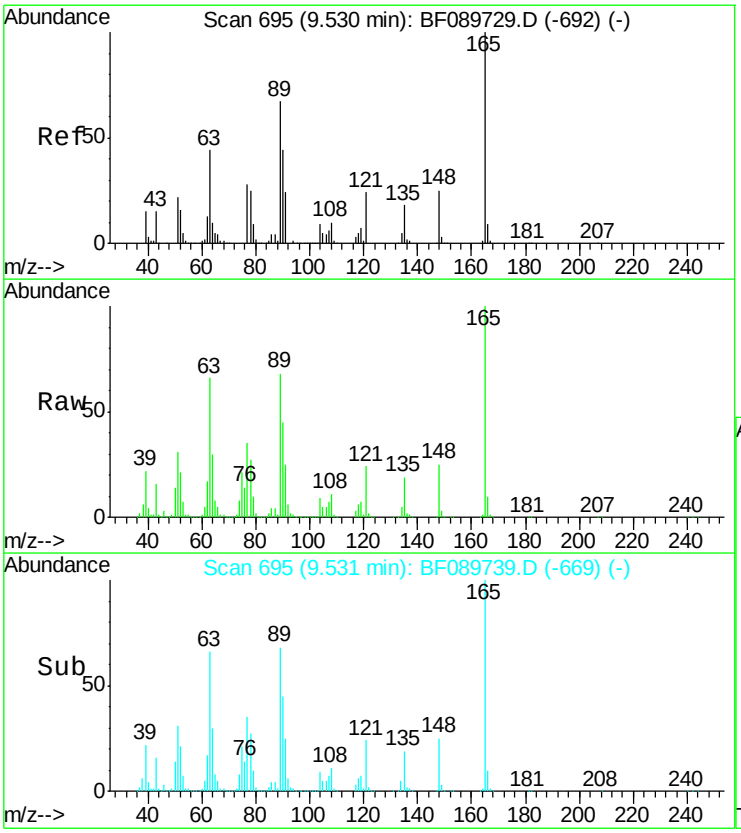
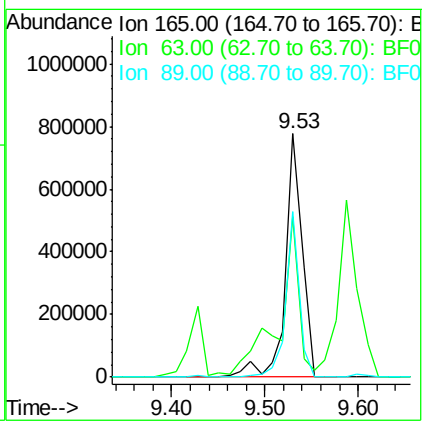
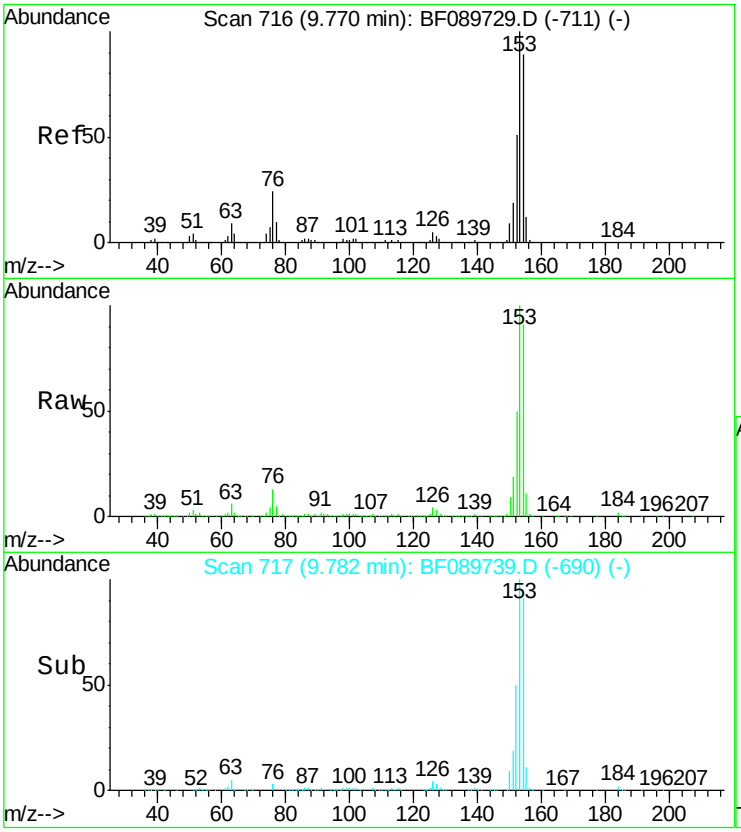


#50
2,6-Dinitrotoluene
Concen: 35.82 ng
RT: 9.53 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:165 Resp: 962860

Ion	Ratio	Lower	Upper
165	100		
63	66.1	41.7	62.5#
89	67.8	44.6	67.0#

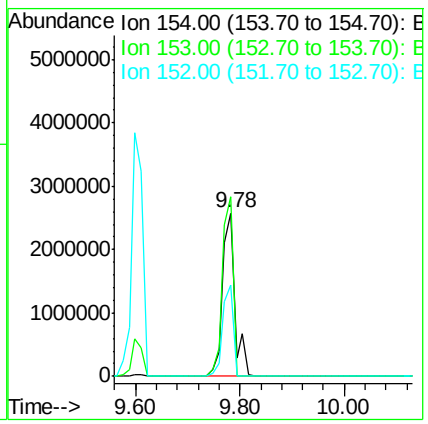




#51
Acenaphthene
Concen: 40.12 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.01 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:154 Resp: 4245189

Ion	Ratio	Lower	Upper
154	100		
153	109.9	90.5	135.7
152	55.5	44.6	67.0



Instrument :
BNA_F
ClientSampleId :
PB92850BS

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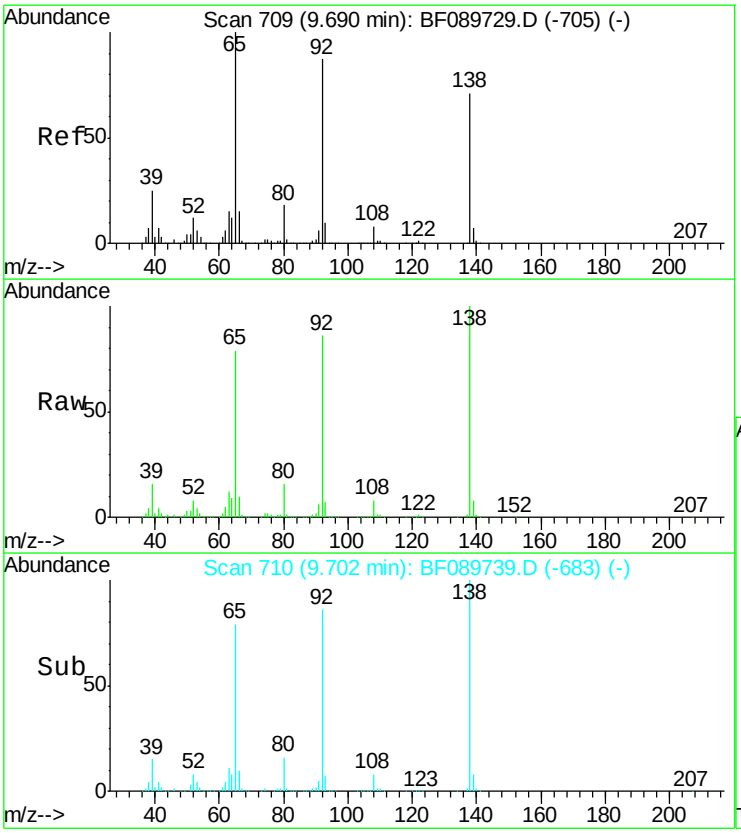
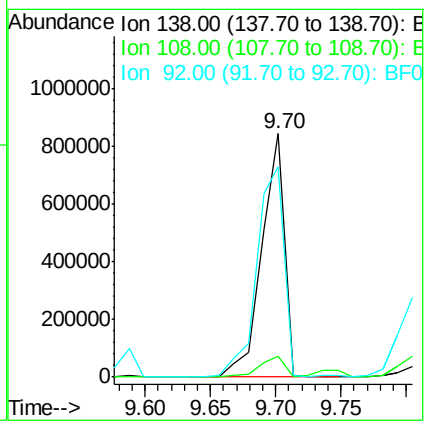
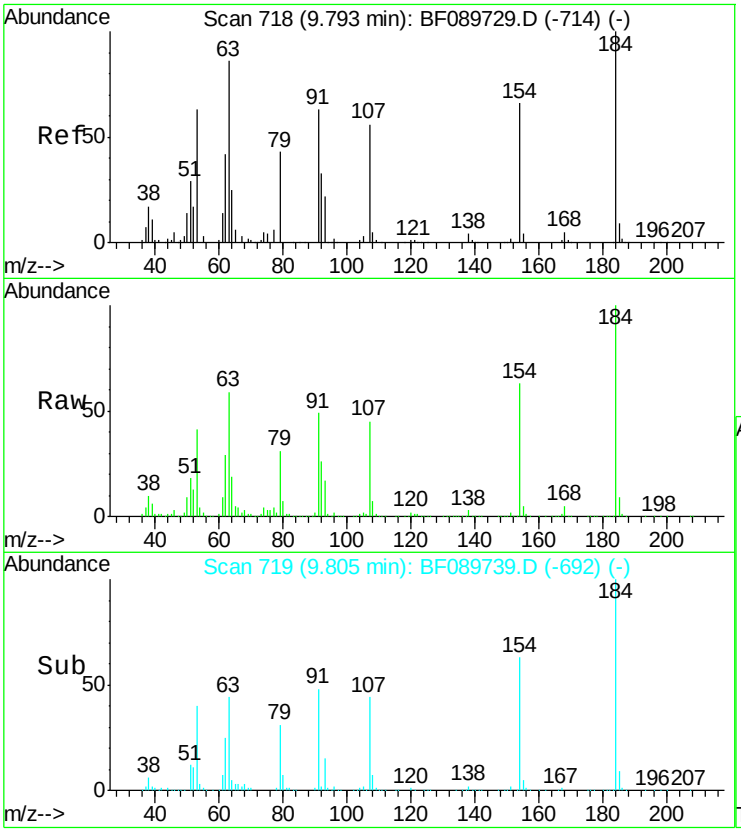


#52
3-Nitroaniline
Concen: 32.99 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.01 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:138 Resp: 1031215

Ion	Ratio	Lower	Upper
138	100		
108	8.4	8.1	12.1
92	86.5	92.7	139.1#

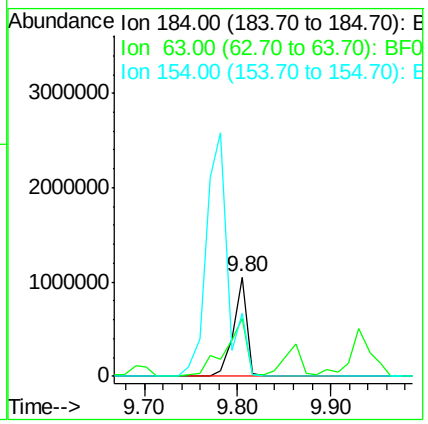




#53
2,4-Dinitrophenol
Concen: 89.38 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.01 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:184 Resp: 1075719

Ion	Ratio	Lower	Upper
184	100		
63	59.0	54.2	81.4
154	63.3	52.7	79.1



Instrument :
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ClientSampleId :
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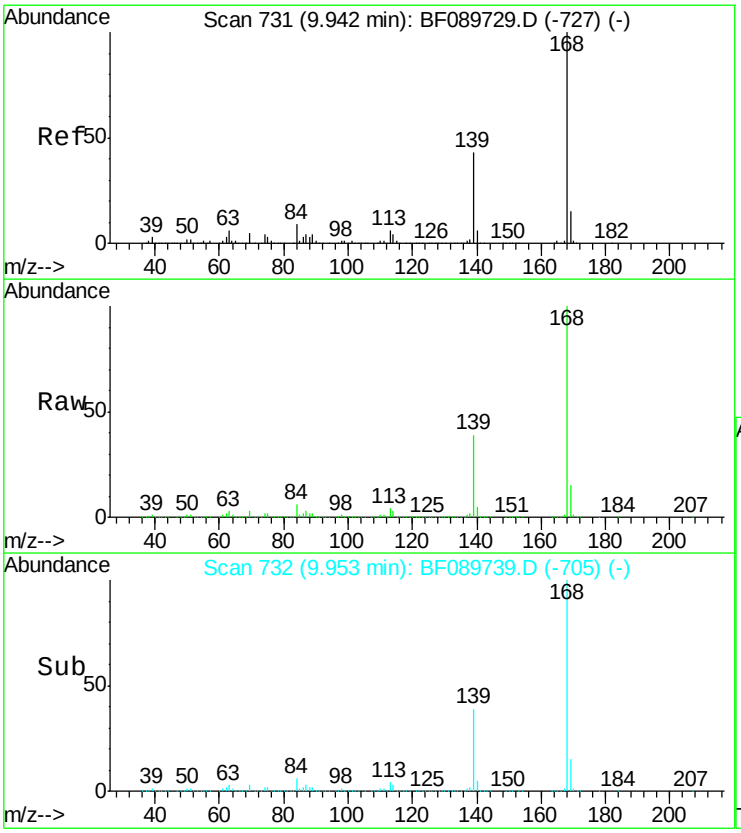
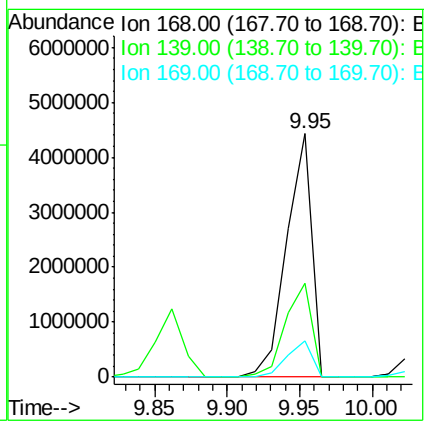
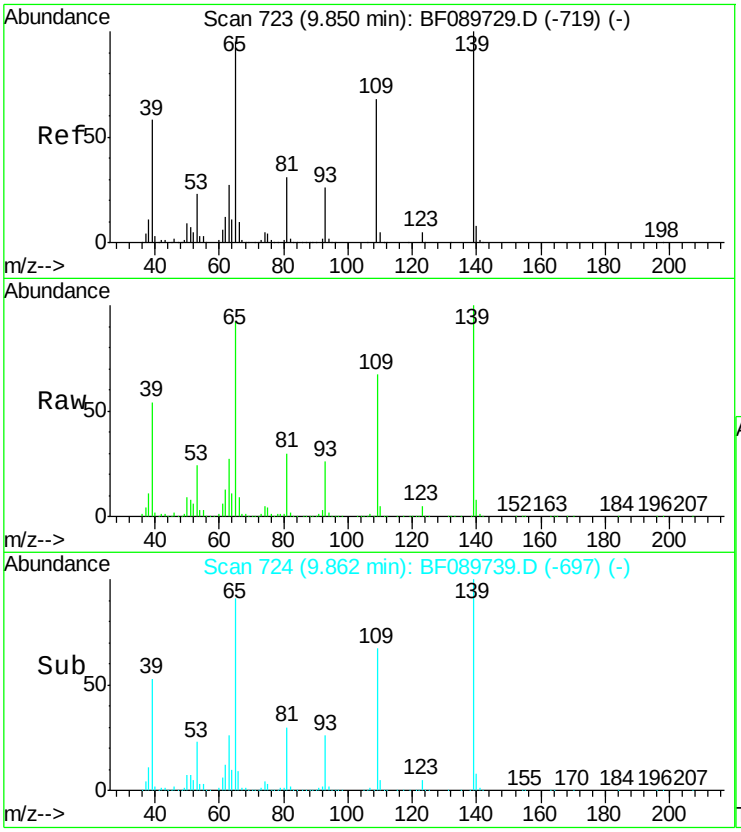


#54
Dibenzofuran
Concen: 40.93 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:168 Resp: 5329689

Ion	Ratio	Lower	Upper
168	100		
139	38.6	34.6	52.0
169	15.0	11.5	17.3

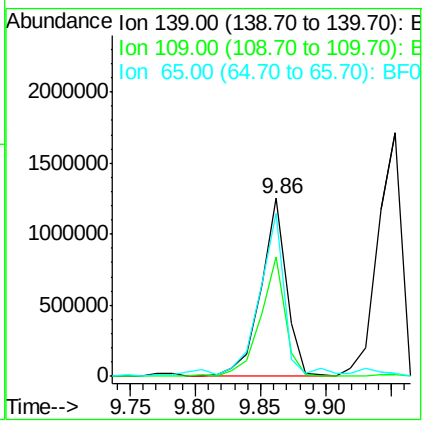




#55
4-Nitrophenol
Concen: 71.45 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.01 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:139 Resp: 1717888

Ion	Ratio	Lower	Upper
139	100		
109	67.0	43.0	83.0
65	91.5	55.7	95.7



Instrument :
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ClientSampleId :
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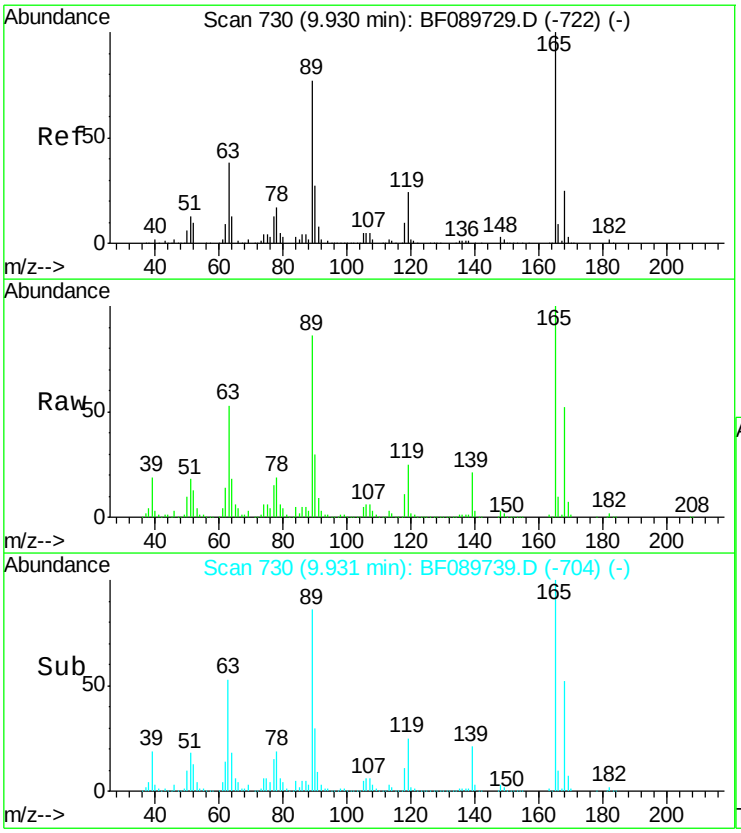
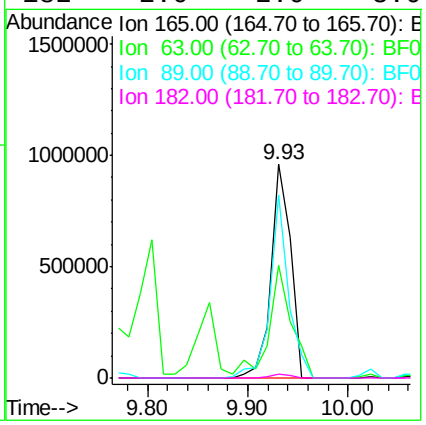
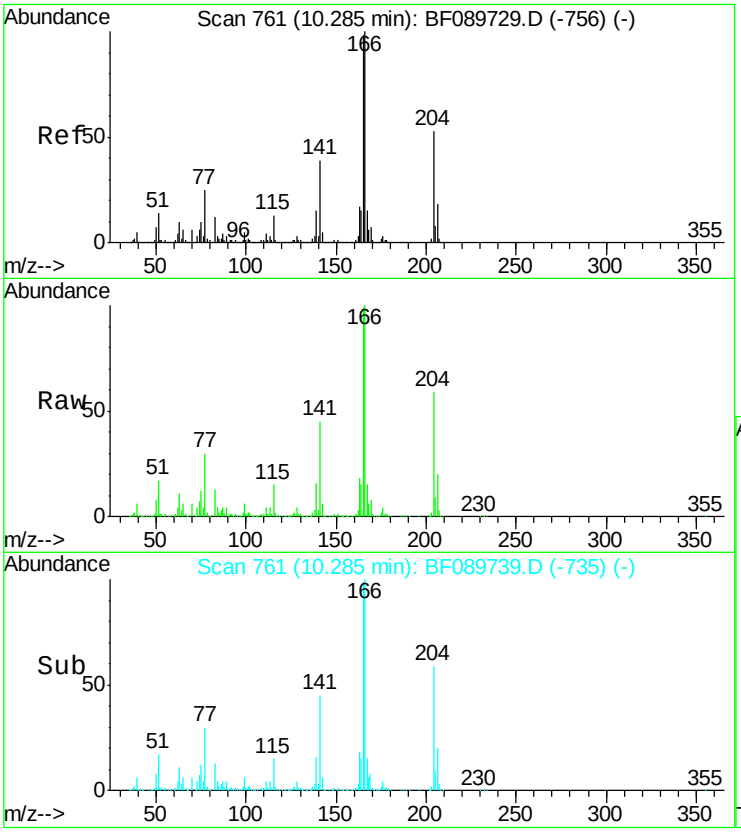


#56
2,4-Dinitrotoluene
Concen: 37.36 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:165 Resp: 1290791

Ion	Ratio	Lower	Upper
165	100		
63	53.0	23.7	35.5#
89	86.0	44.0	66.0#
182	2.0	2.0	3.0

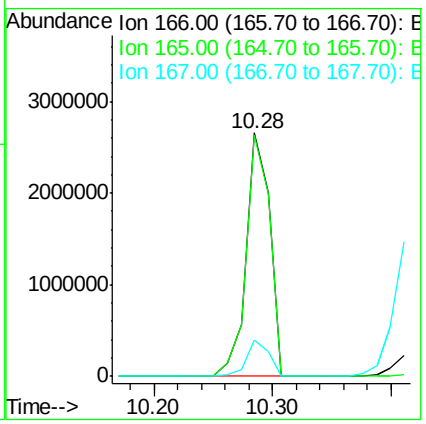




#57
Fluorene
Concen: 35.09 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:166 Resp: 3691938

Ion	Ratio	Lower	Upper
166	100		
165	98.9	80.2	120.4
167	14.7	11.3	16.9



Instrument :
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ClientSampleId :
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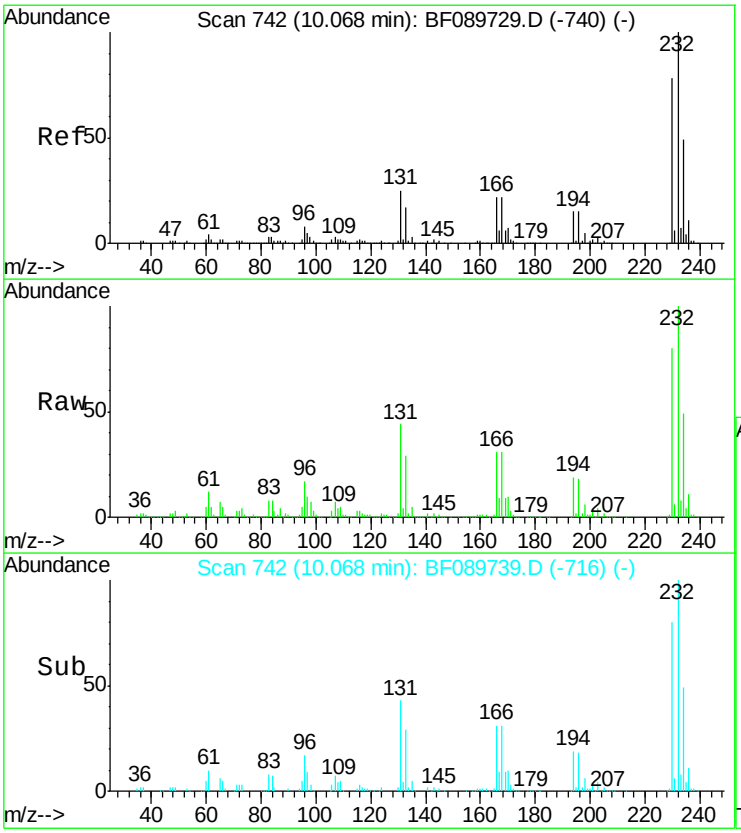
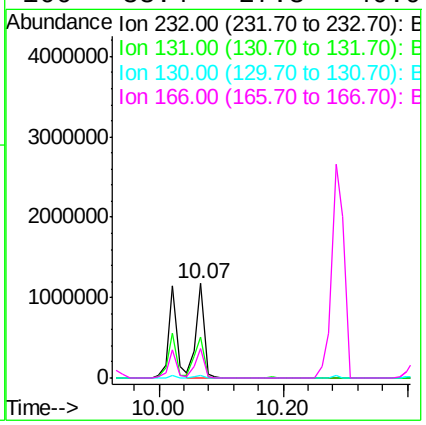
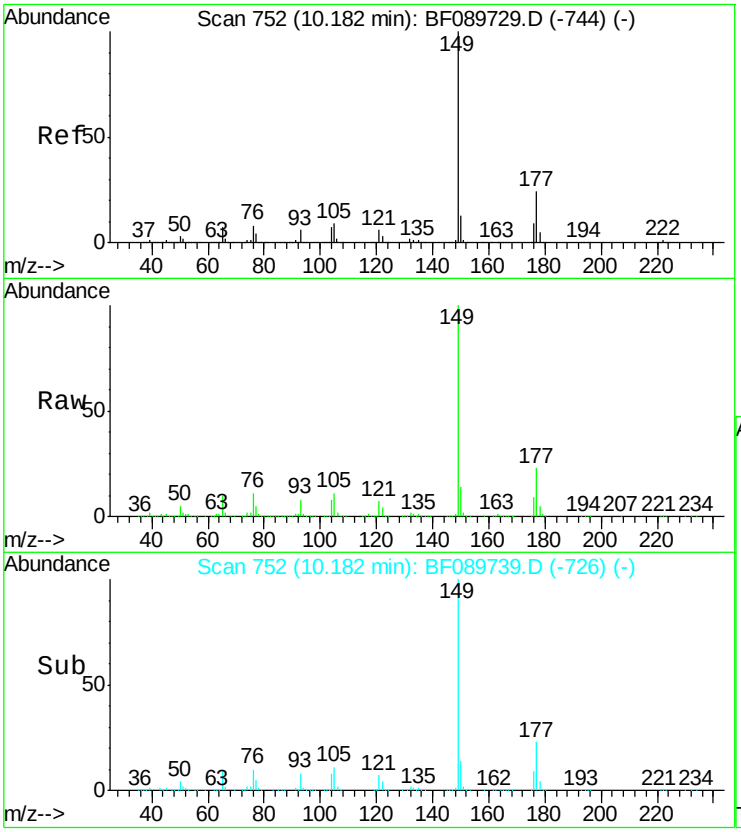


#58
2,3,4,6-Tetrachlorophenol
Concen: 42.95 ng
RT: 10.07 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:232 Resp: 1090165

Ion	Ratio	Lower	Upper
232	100		
131	51.5	42.5	63.7
130	2.5	2.2	3.4
166	33.4	27.3	40.9

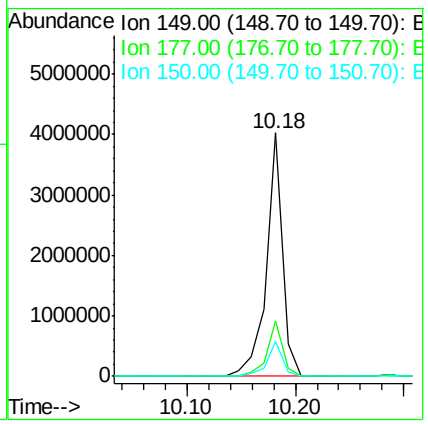




#59
Diethylphthalate
Concen: 34.82 ng
RT: 10.18 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:149 Resp: 4192981

Ion	Ratio	Lower	Upper
149	100		
177	22.8	16.6	25.0
150	14.2	10.5	15.7



Instrument :
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ClientSampleId :
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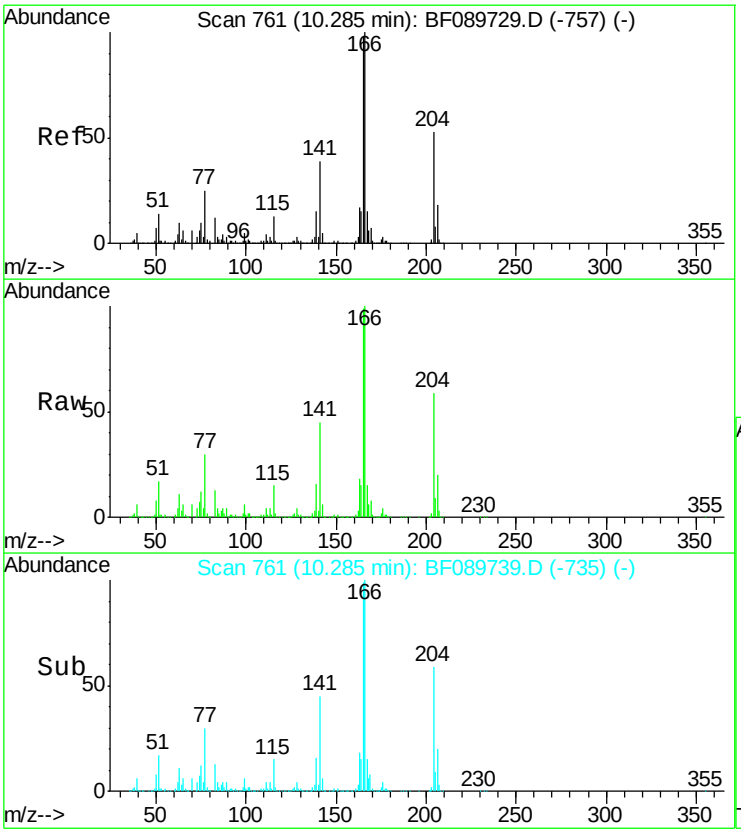
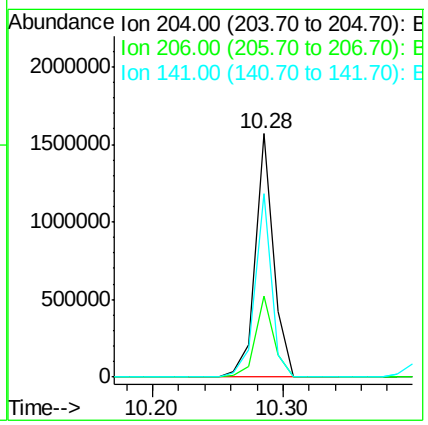
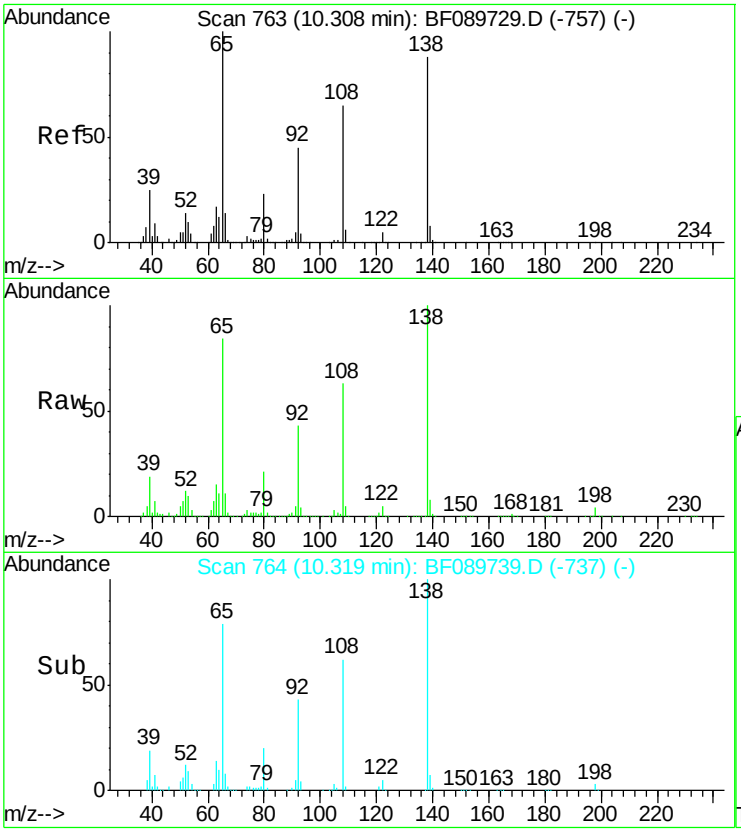


#60
4-Chlorophenyl-phenylether
Concen: 29.72 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:204 Resp: 1535057

Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	75.5	54.1	81.1

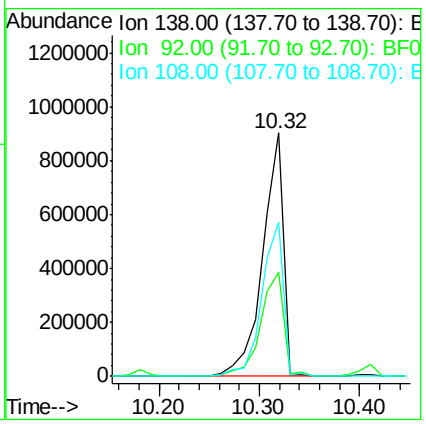




#61
4-Nitroaniline
Concen: 42.29 ng
RT: 10.32 min Scan# 764
Delta R.T. 0.01 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:138 Resp: 1283371

Ion	Ratio	Lower	Upper
138	100		
92	42.8	26.4	66.4
108	63.4	47.0	87.0



Instrument :
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ClientSampleId :
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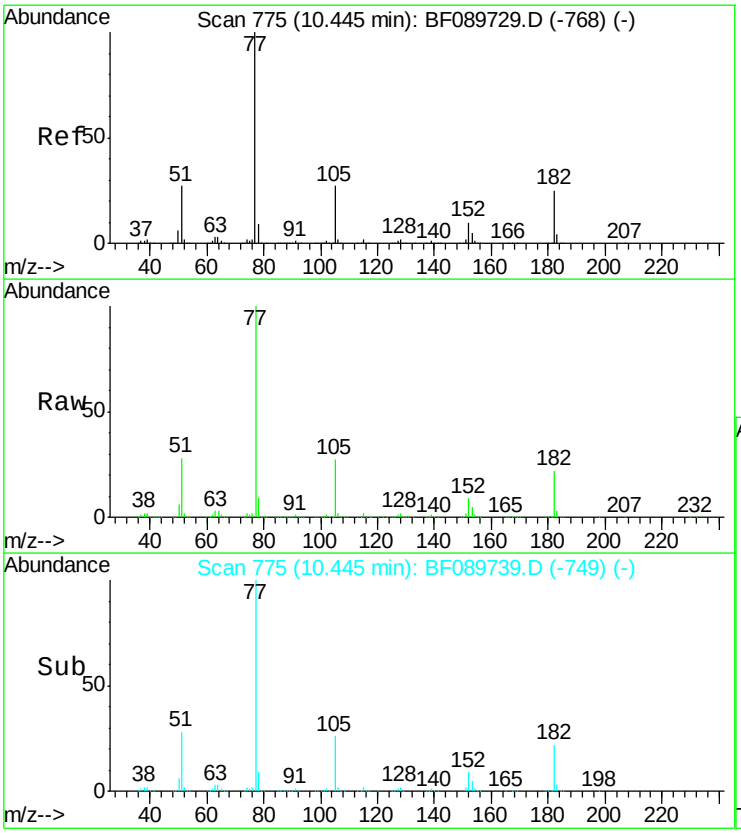
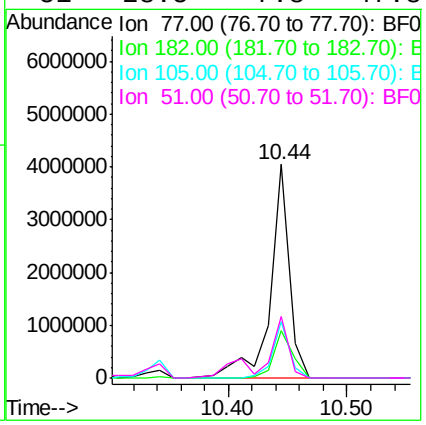
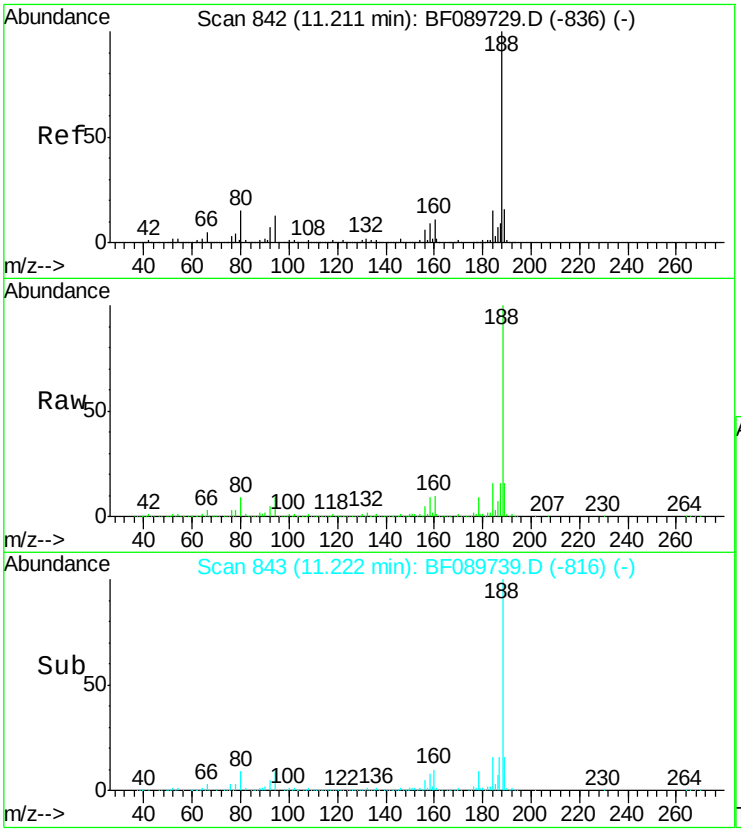


#62
Azobenzene
Concen: 39.72 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion: 77 Resp: 4519522

Ion	Ratio	Lower	Upper
77	100		
182	22.3	5.6	45.6
105	26.6	4.0	44.0
51	28.5	7.8	47.8





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. 0.01 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:188 Resp: 2959352

Ion	Ratio	Lower	Upper
188	100		
94	8.9	10.2	15.2#
80	8.9	10.9	16.3#

Instrument :
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ClientSampleId :
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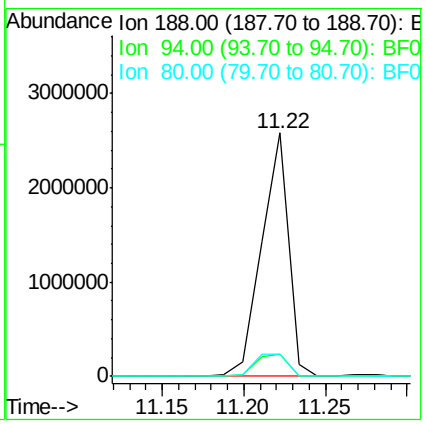
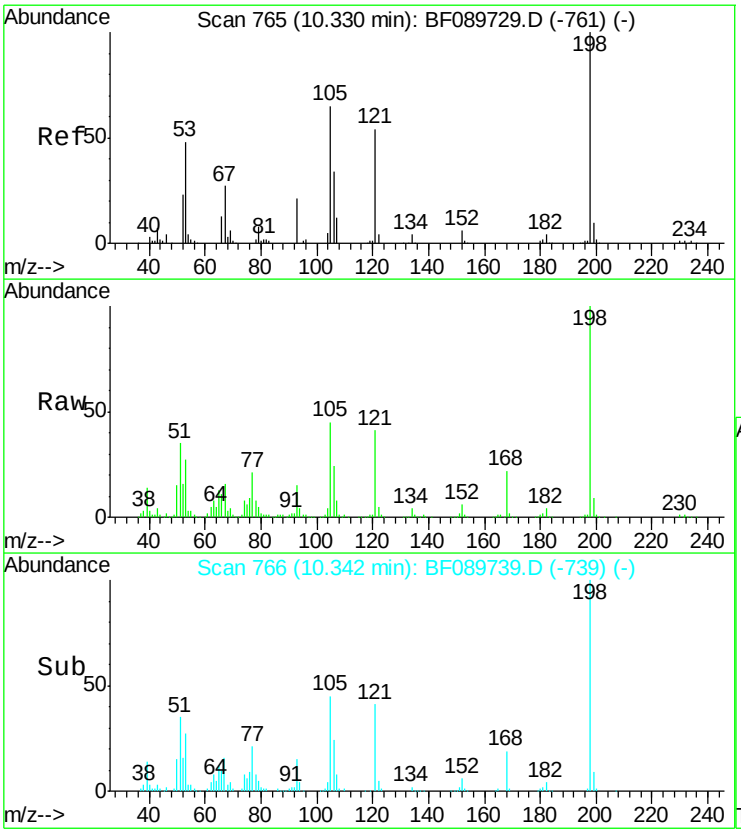
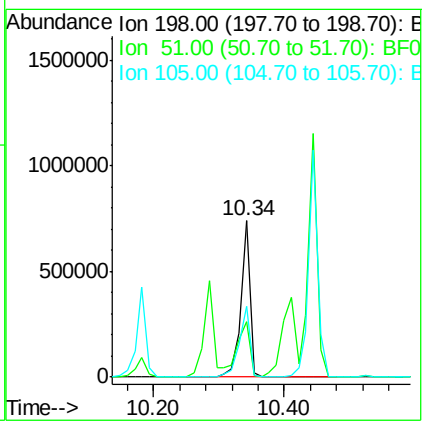


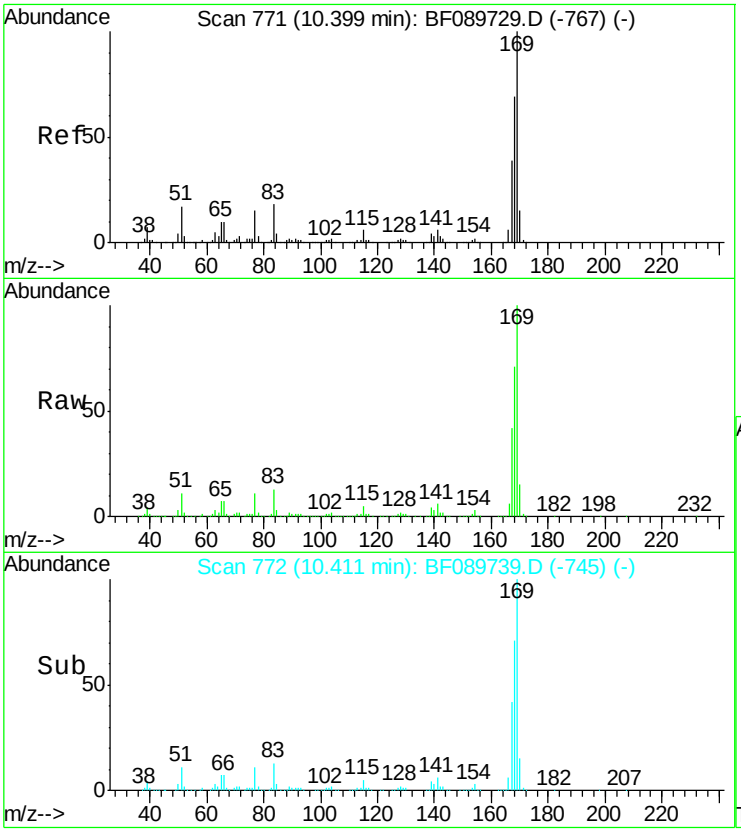


#64
4,6-Dinitro-2-methylphenol
Concen: 41.40 ng
RT: 10.34 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:198 Resp: 711381

Ion	Ratio	Lower	Upper
198	100		
51	35.1	32.3	72.3
105	44.9	32.9	72.9

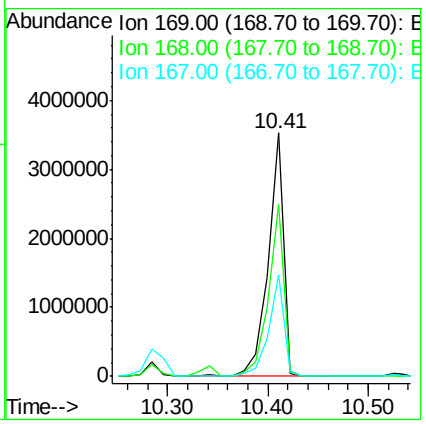




#65
n-Nitrosodiphenylamine
Concen: 40.16 ng
RT: 10.41 min Scan# 772
Delta R.T. 0.01 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:169 Resp: 3729459

Ion	Ratio	Lower	Upper
169	100		
168	70.7	54.6	82.0
167	41.7	30.6	45.8



Instrument :
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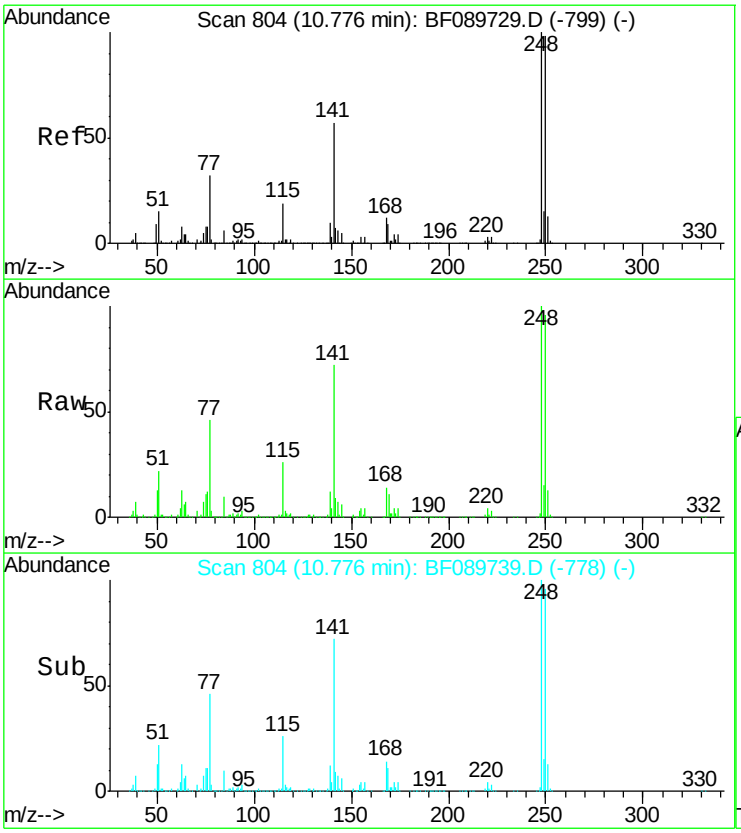
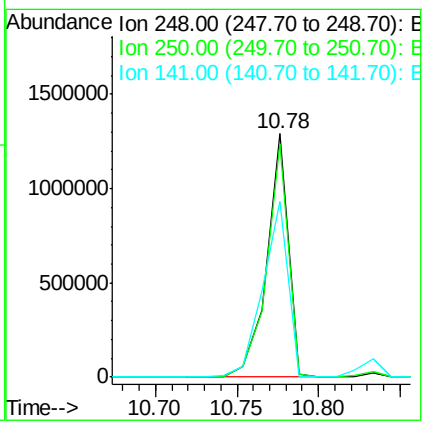
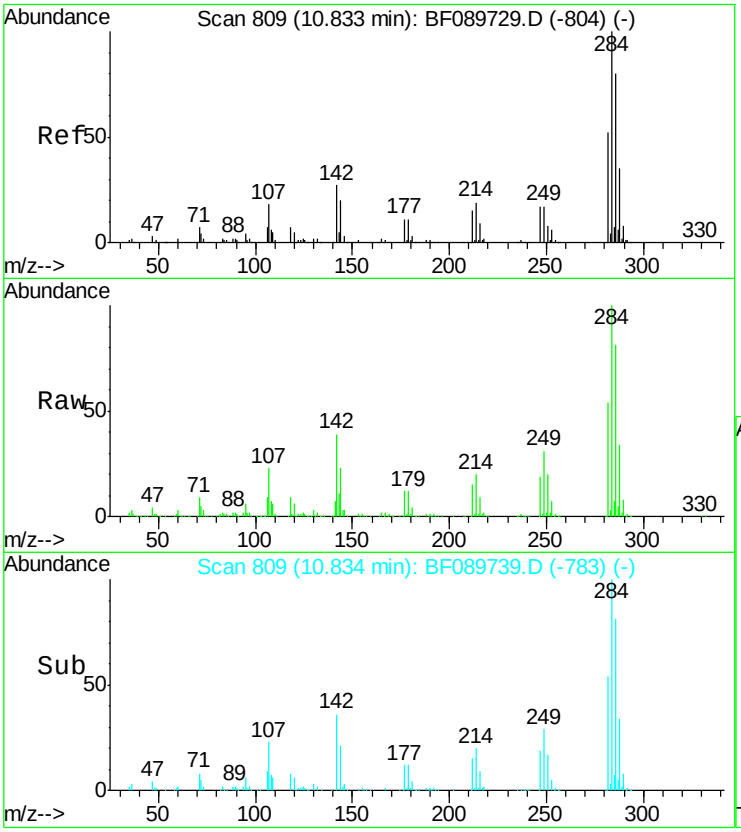


#66
4-Bromophenyl-phenylether
Concen: 38.62 ng
RT: 10.78 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:248 Resp: 1183549

Ion	Ratio	Lower	Upper
248	100		
250	95.9	78.6	117.8
141	72.2	31.4	47.2#

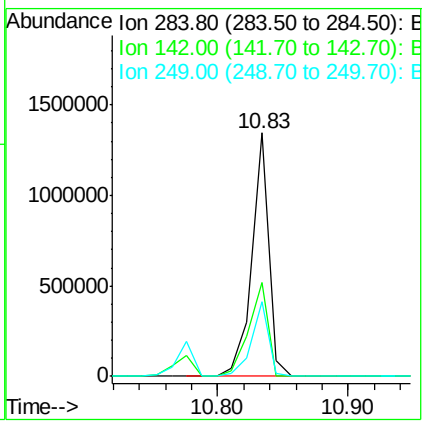




#67
Hexachlorobenzene
Concen: 35.91 ng
RT: 10.83 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:284 Resp: 1223309

Ion	Ratio	Lower	Upper
284	100		
142	38.6	17.4	26.2#
249	30.8	22.8	34.2



Instrument :
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ClientSampleId :
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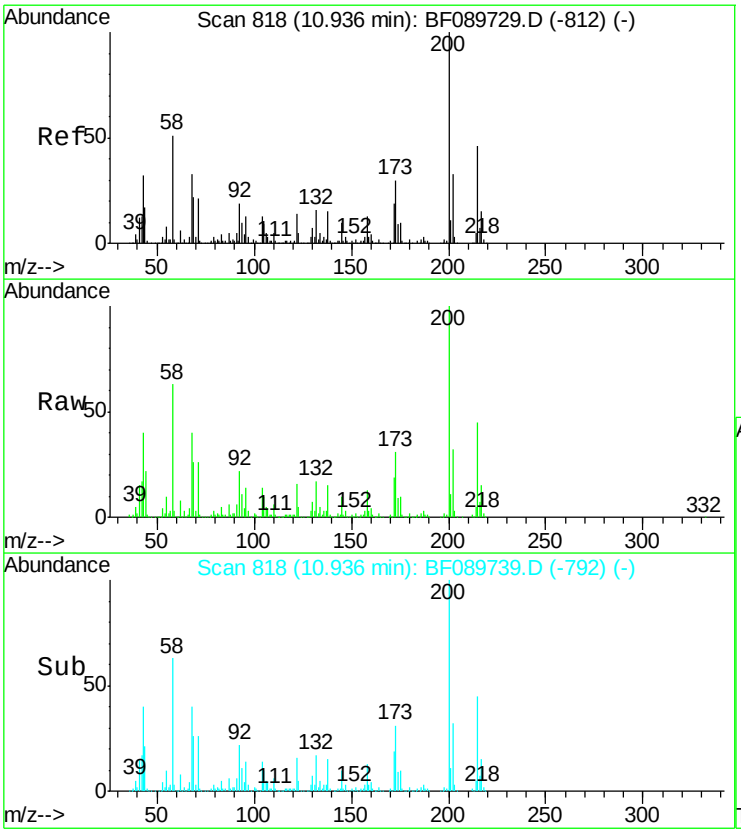
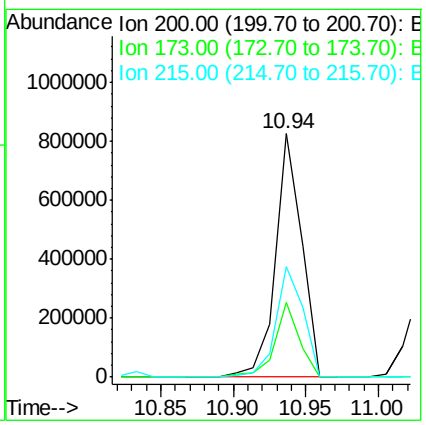
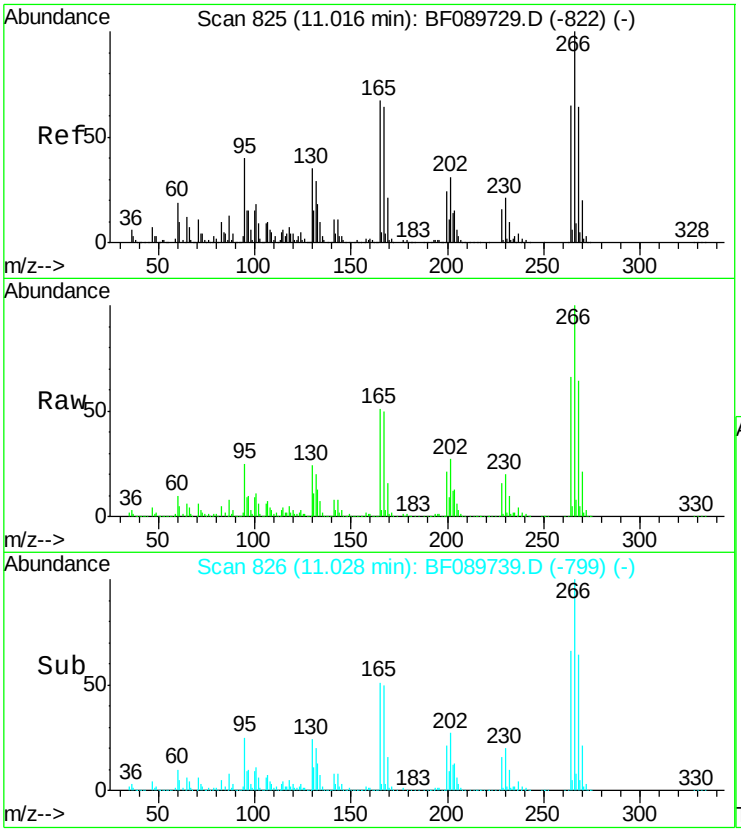


#68
Atrazine
Concen: 36.59 ng
RT: 10.94 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:200 Resp: 1029442

Ion	Ratio	Lower	Upper
200	100		
173	30.6	6.6	46.6
215	45.4	24.7	64.7

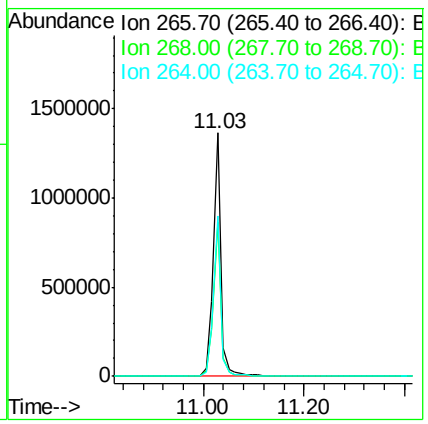




#69
Pentachlorophenol
Concen: 68.48 ng
RT: 11.03 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:266 Resp: 1453531

Ion	Ratio	Lower	Upper
266	100		
268	63.5	53.2	79.8
264	66.0	51.1	76.7



Instrument :
BNA_F
ClientSampleId :
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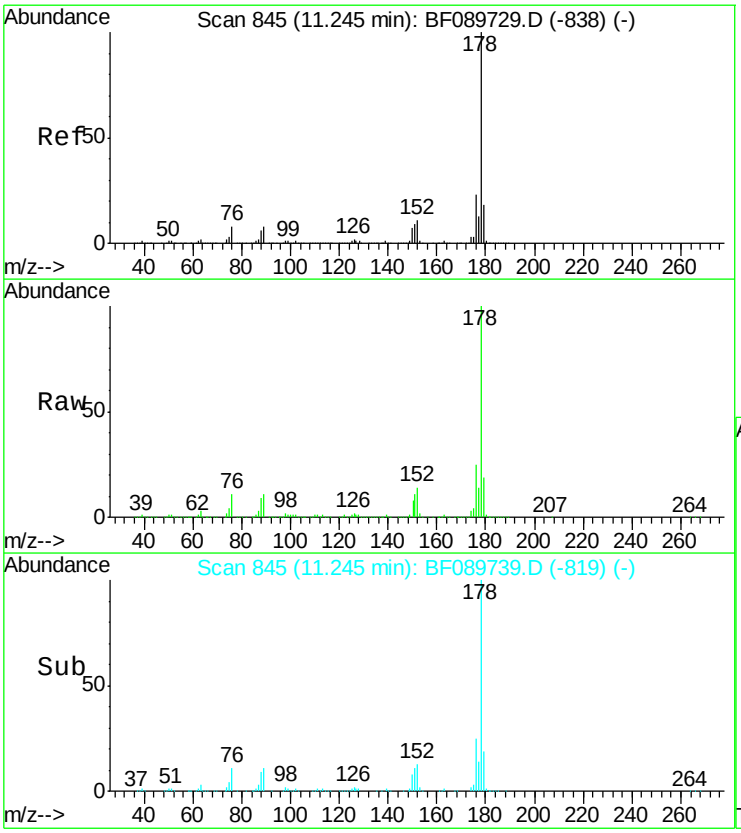
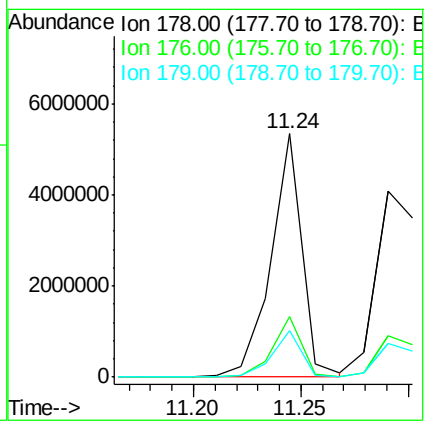
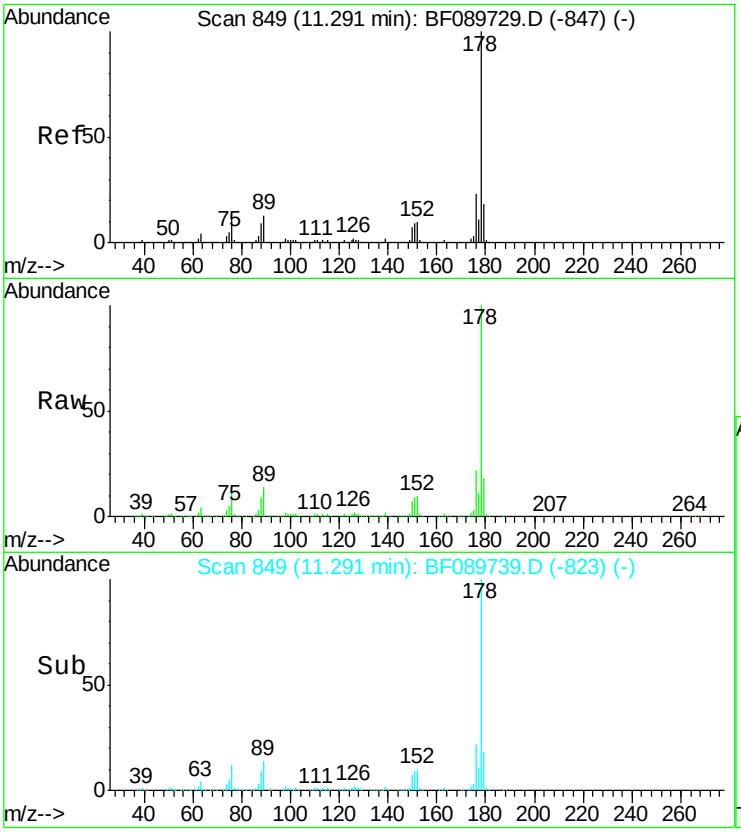


#70
Phenanthrene
Concen: 36.38 ng m
RT: 11.24 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:178 Resp: 5292453

Ion	Ratio	Lower	Upper
178	100		
176	24.7	16.4	24.6#
179	19.2	12.5	18.7#

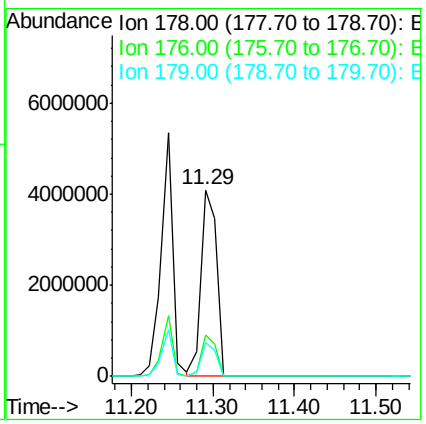




#71
Anthracene
Concen: 36.82 ng
RT: 11.29 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:178 Resp: 5595558

Ion	Ratio	Lower	Upper
178	100		
176	21.9	16.4	24.6
179	18.0	13.1	19.7



Instrument :
BNA_F
ClientSampleId :
PB92850BS

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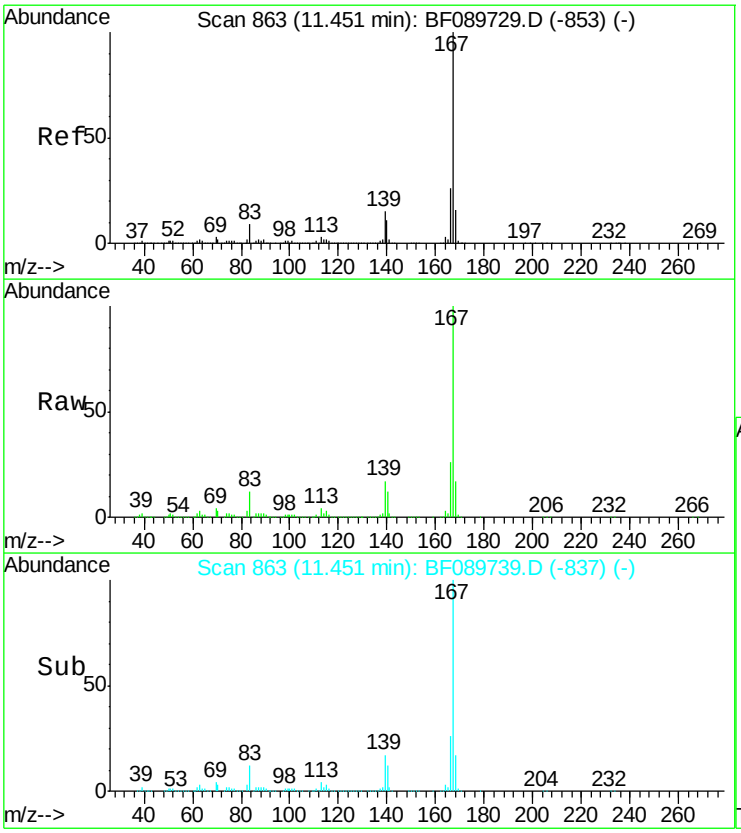
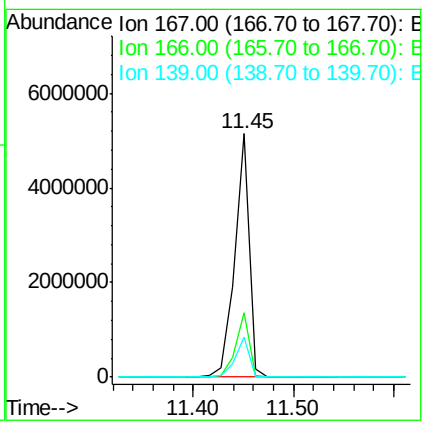
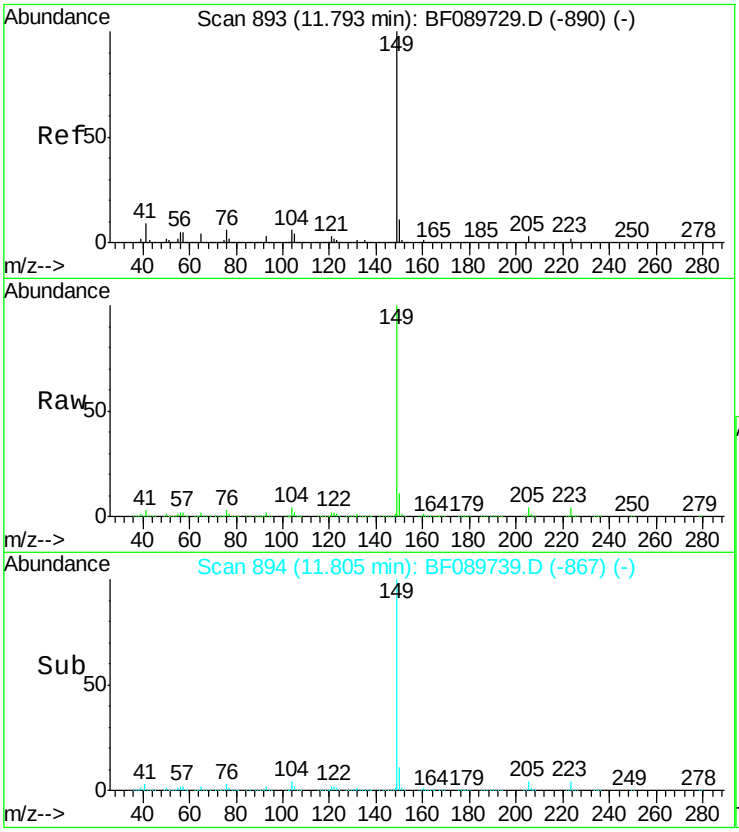


#72
Carbazole
Concen: 35.63 ng
RT: 11.45 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:167 Resp: 5131513

Ion	Ratio	Lower	Upper
167	100		
166	26.5	17.9	26.9
139	16.5	12.4	18.6

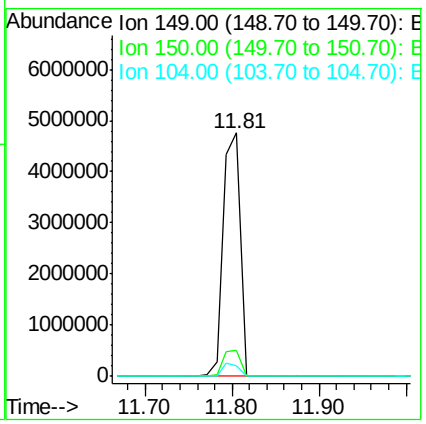




#73
Di-n-butylphthalate
Concen: 37.03 ng
RT: 11.81 min Scan# 894
Delta R.T. 0.01 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:149 Resp: 6485475

Ion	Ratio	Lower	Upper
149	100		
150	10.6	7.9	11.9
104	4.2	4.3	6.5#



Instrument :
BNA_F
ClientSampleId :
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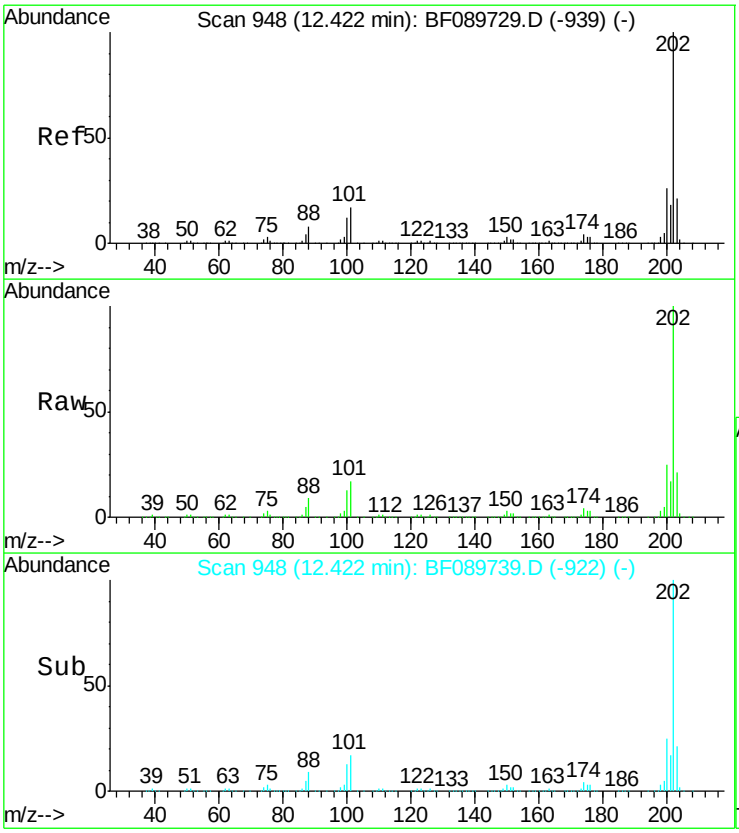
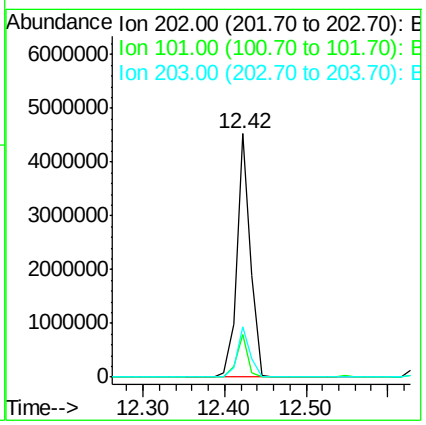
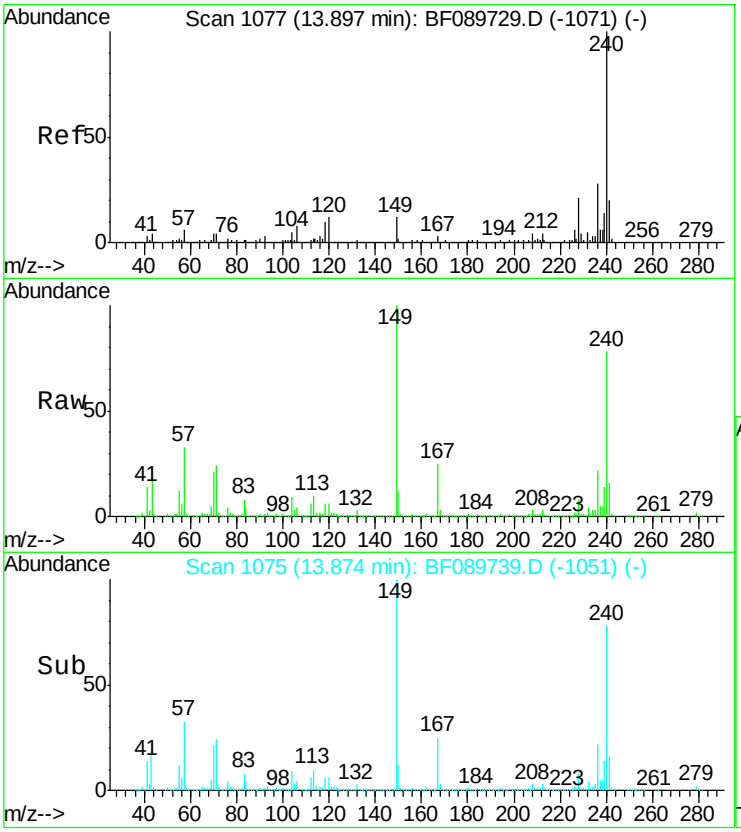


#74
Fluoranthene
Concen: 35.51 ng
RT: 12.42 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:202 Resp: 5190245

Ion	Ratio	Lower	Upper
202	100		
101	17.5	0.0	31.2
203	20.7	0.0	38.1

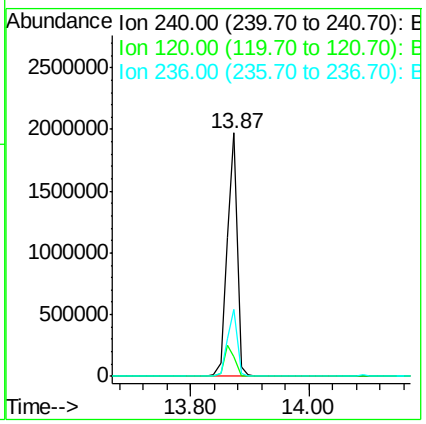




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.02 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:240 Resp: 2287337

Ion	Ratio	Lower	Upper
240	100		
120	8.1	8.3	12.5#
236	27.5	21.3	31.9



Instrument :
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ClientSampleId :
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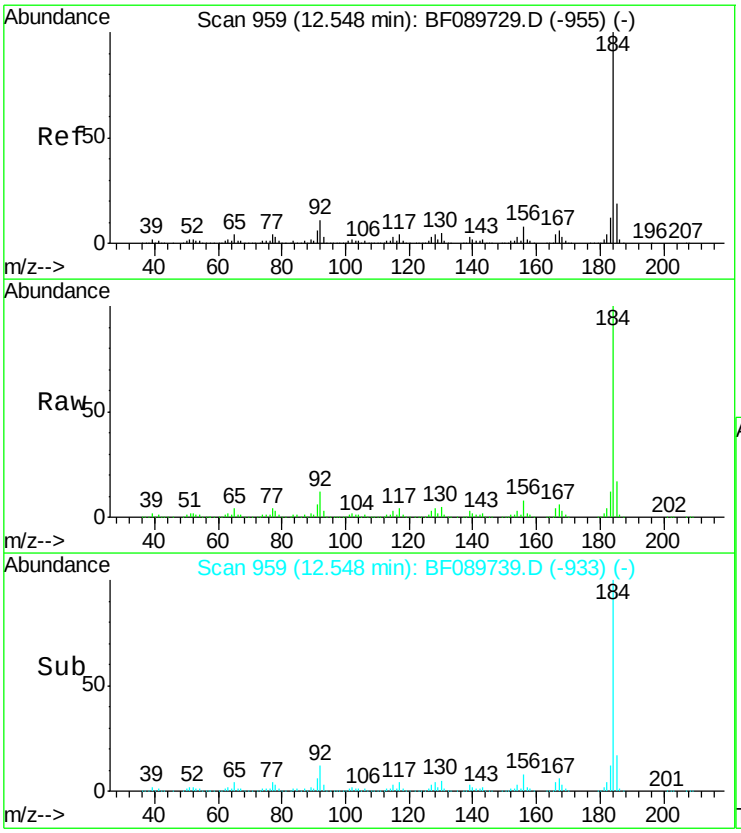
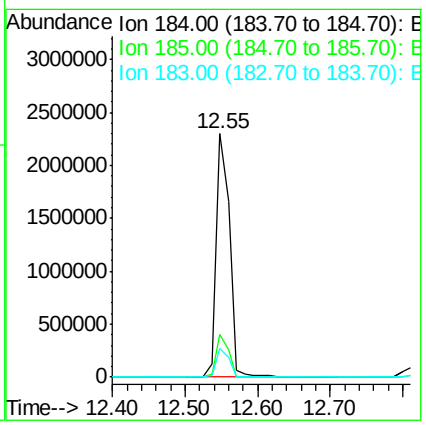
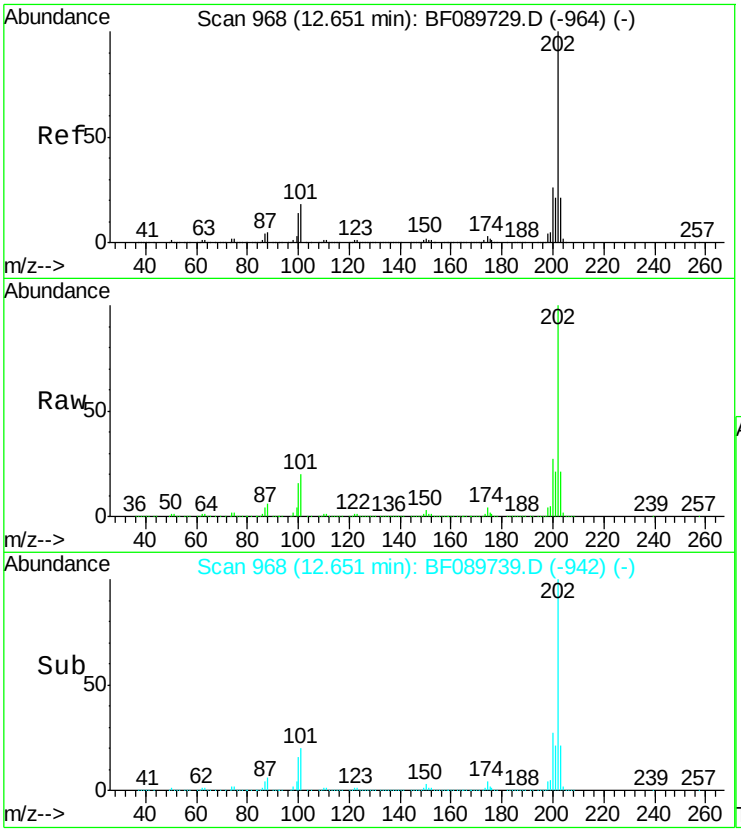


#76
Benzidine
Concen: 35.58 ng
RT: 12.55 min Scan# 959
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:184 Resp: 2920980

Ion	Ratio	Lower	Upper
184	100		
185	17.4	13.8	20.8
183	11.7	9.7	14.5

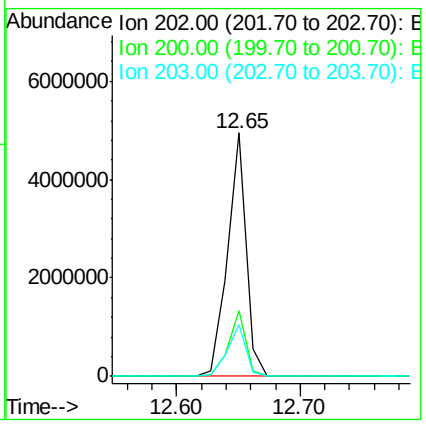




#77
Pyrene
Concen: 34.87 ng m
RT: 12.65 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:202 Resp: 5220012

Ion	Ratio	Lower	Upper
202	100		
200	26.9	17.8	26.6#
203	21.1	14.2	21.4



Instrument :
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ClientSampleId :
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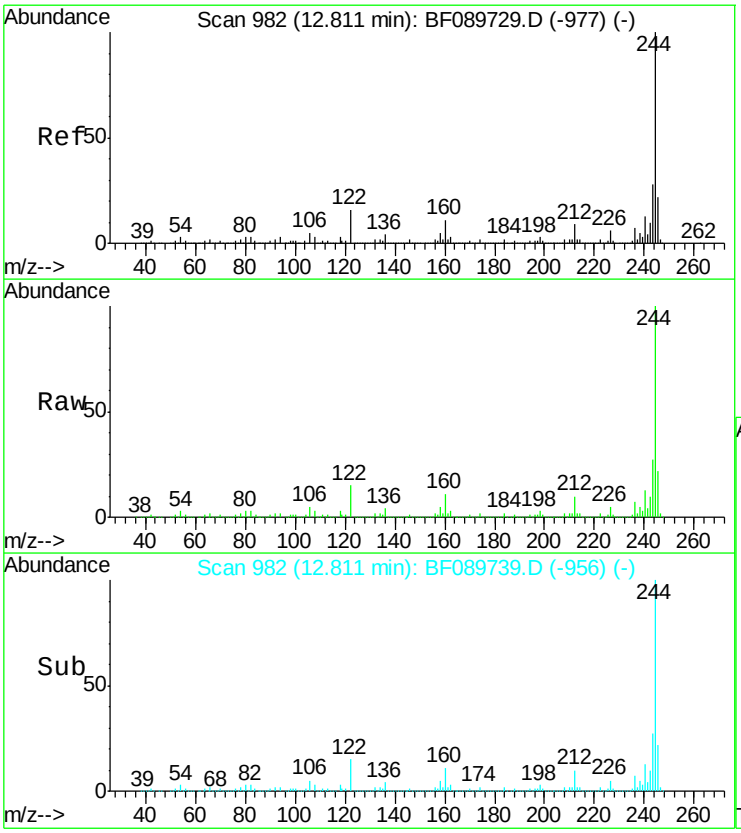
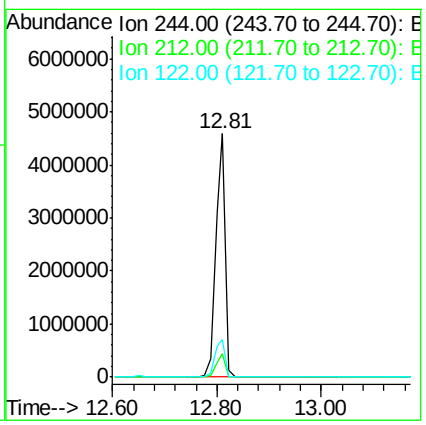
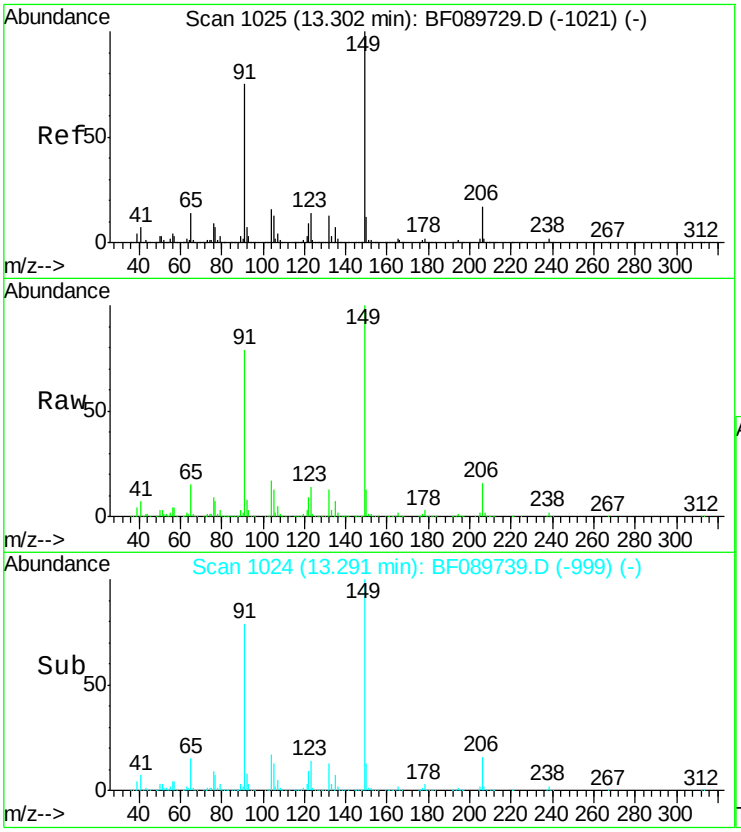


#78
Terphenyl-d14
Concen: 74.02 ng
RT: 12.81 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:244 Resp: 5667180

Ion	Ratio	Lower	Upper
244	100		
212	9.5	6.3	9.5#
122	15.3	12.0	18.0

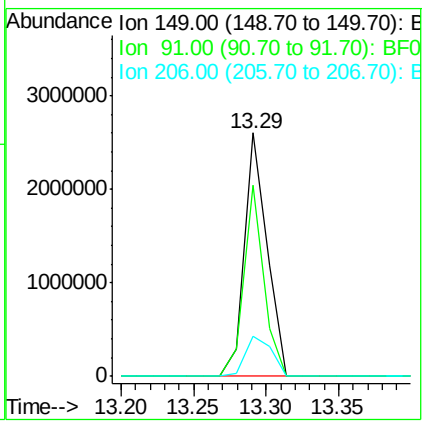




#79
Butylbenzylphthalate
Concen: 37.42 ng
RT: 13.29 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:149 Resp: 2810179

Ion	Ratio	Lower	Upper
149	100		
91	78.8	50.7	76.1#
206	16.3	15.5	23.3



Instrument :
BNA_F
ClientSampleId :
PB92850BS

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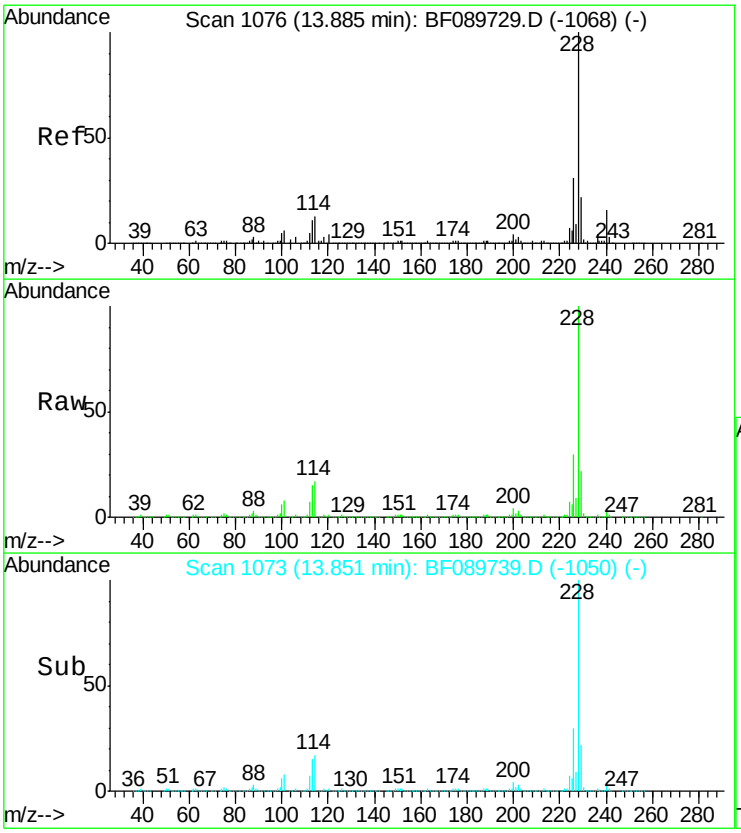
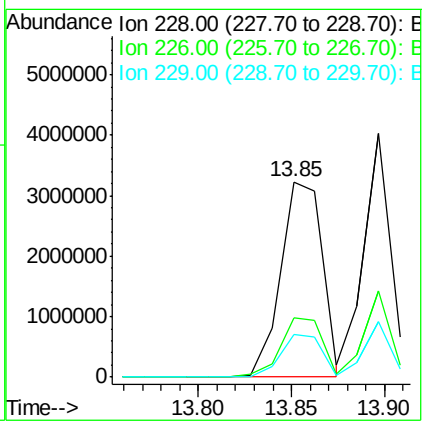
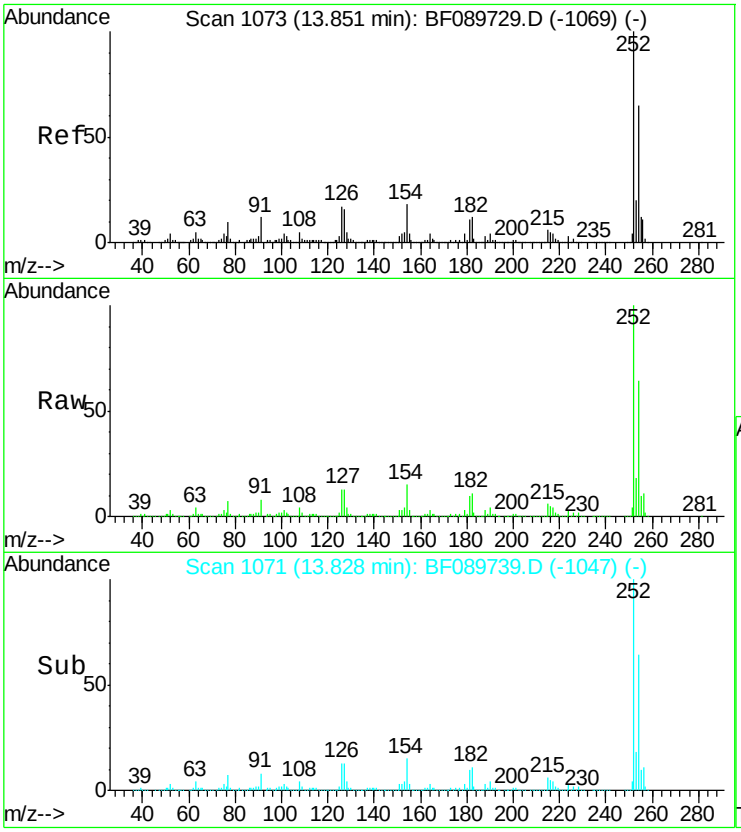


#80
Benzo(a)anthracene
Concen: 37.99 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.03 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:228 Resp: 5048562

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.2	34.8
229	21.7	16.2	24.4

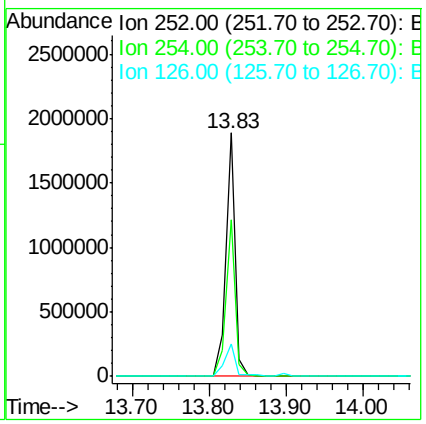




#81
3,3'-Dichlorobenzidine
Concen: 33.91 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:252 Resp: 1642003

Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.6	75.8
126	13.1	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
PB92850BS

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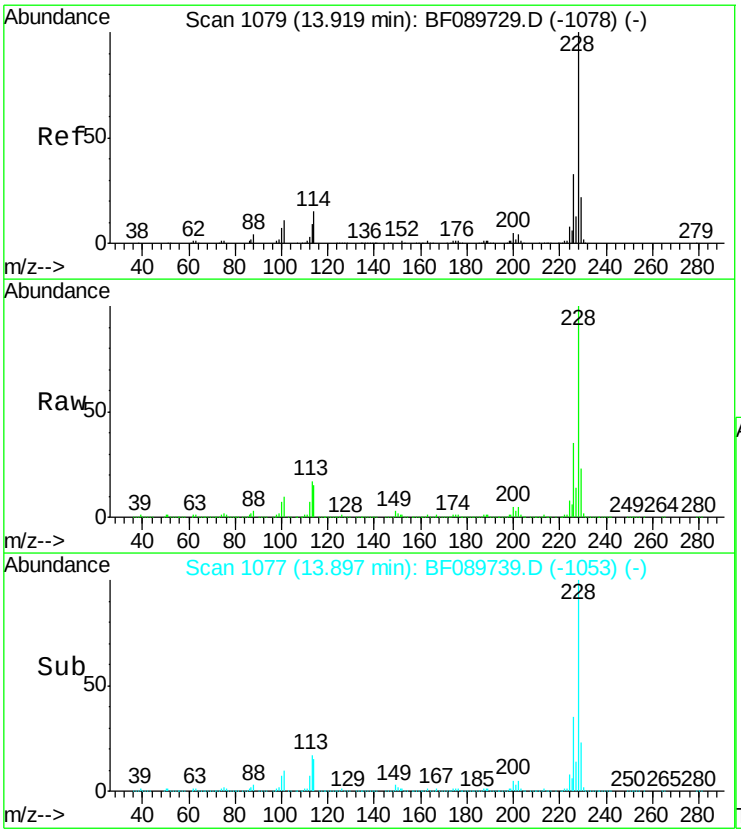
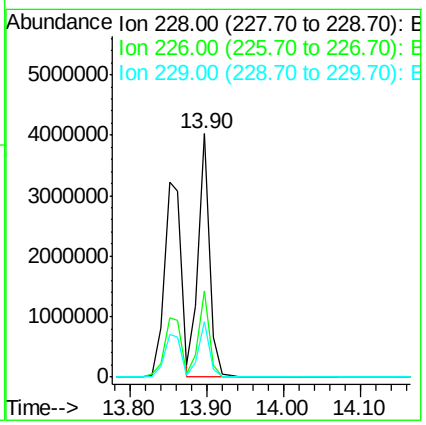
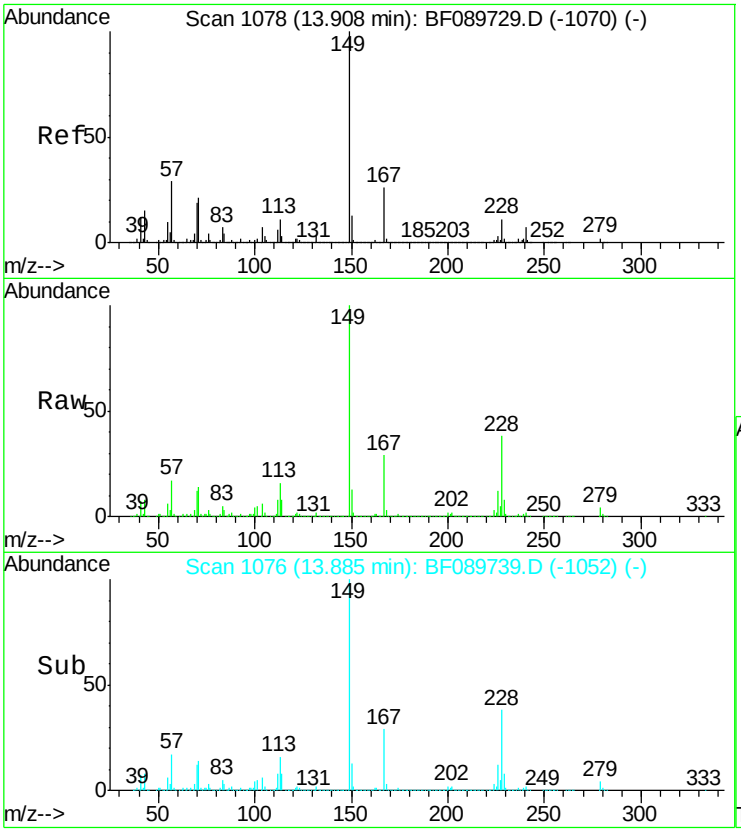


#82
Chrysene
Concen: 34.42 ng
RT: 13.90 min Scan# 1077
Delta R.T. -0.02 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:228 Resp: 4117223

Ion	Ratio	Lower	Upper
228	100		
226	35.3	25.4	38.0
229	22.7	16.5	24.7

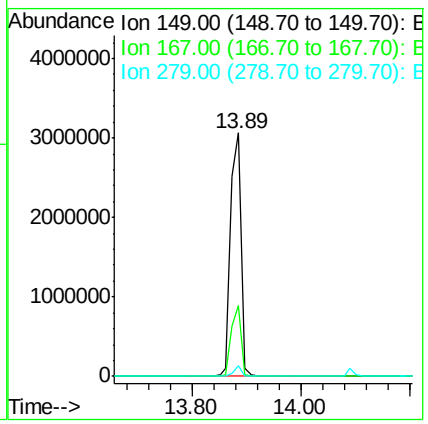




#83
Bis(2-ethylhexyl)phthalate
Concen: 40.37 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.02 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:149 Resp: 4012352

Ion	Ratio	Lower	Upper
149	100		
167	29.2	21.2	31.8
279	4.2	2.9	4.3



Instrument :
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ClientSampleId :
PB92850BS

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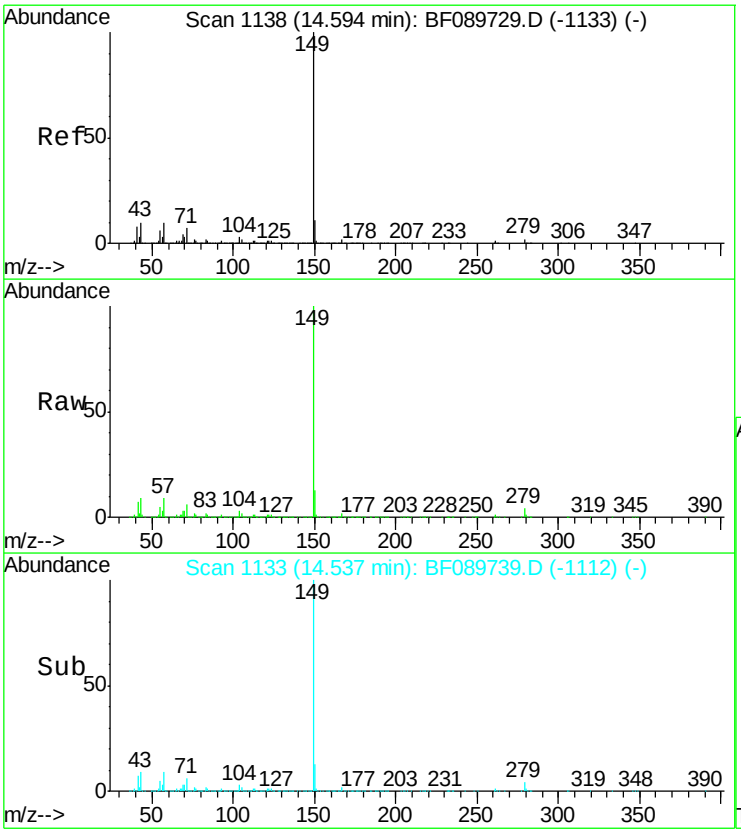
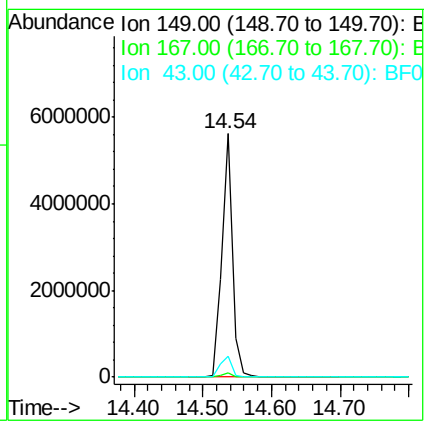
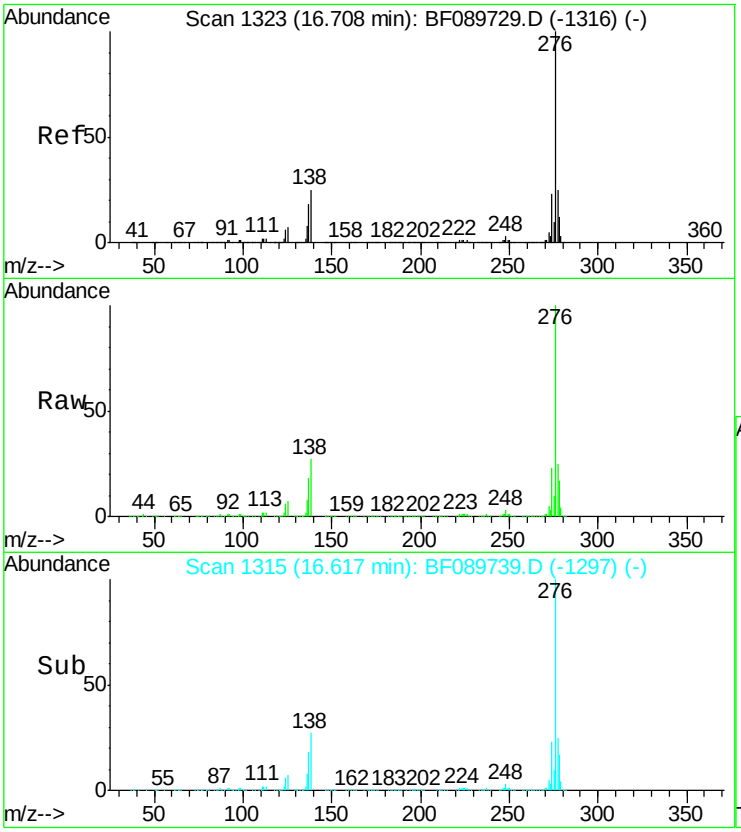


#84
Di-n-octyl phthalate
Concen: 39.92 ng
RT: 14.54 min Scan# 1133
Delta R.T. -0.06 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:149 Resp: 6166118

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	9.6	8.4	12.6

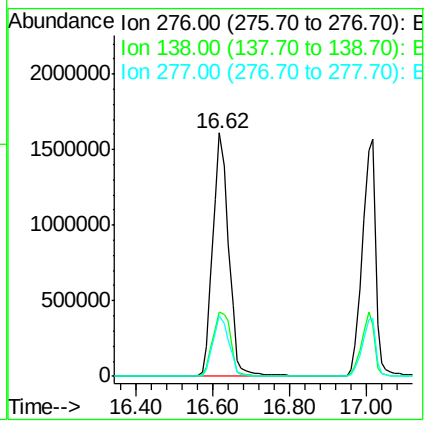




#85
Indeno(1,2,3-cd)pyrene
Concen: 45.42 ng
RT: 16.62 min Scan# 1315
Delta R.T. -0.09 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:276 Resp: 4628415

Ion	Ratio	Lower	Upper
276	100		
138	29.8	24.6	36.8
277	25.3	20.4	30.6



Instrument :
BNA_F
ClientSampleId :
PB92850BS

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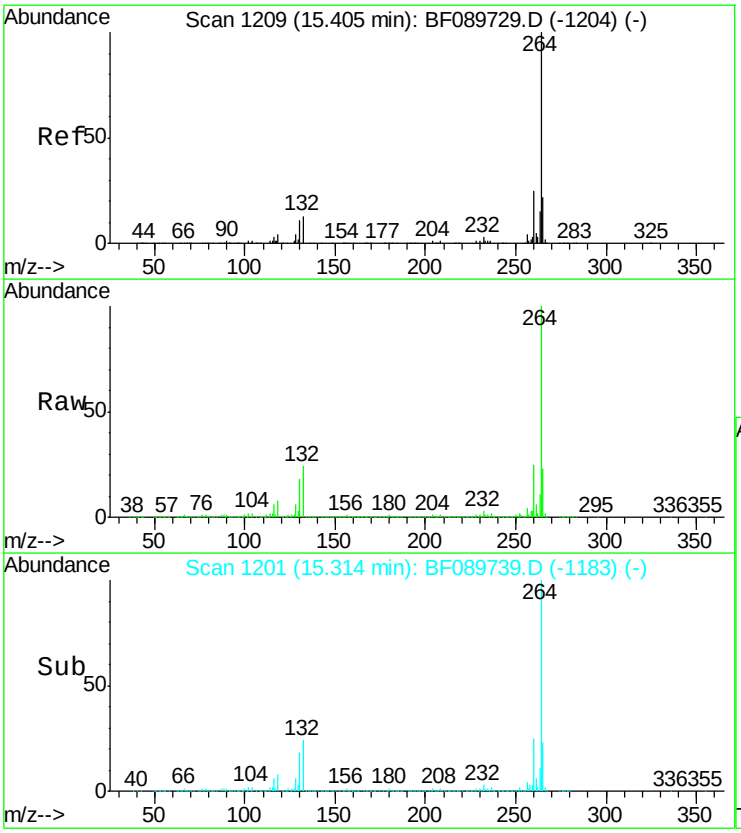
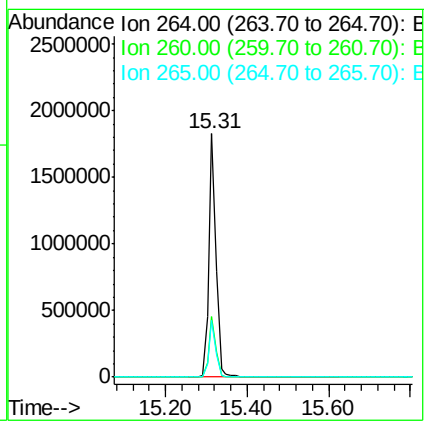
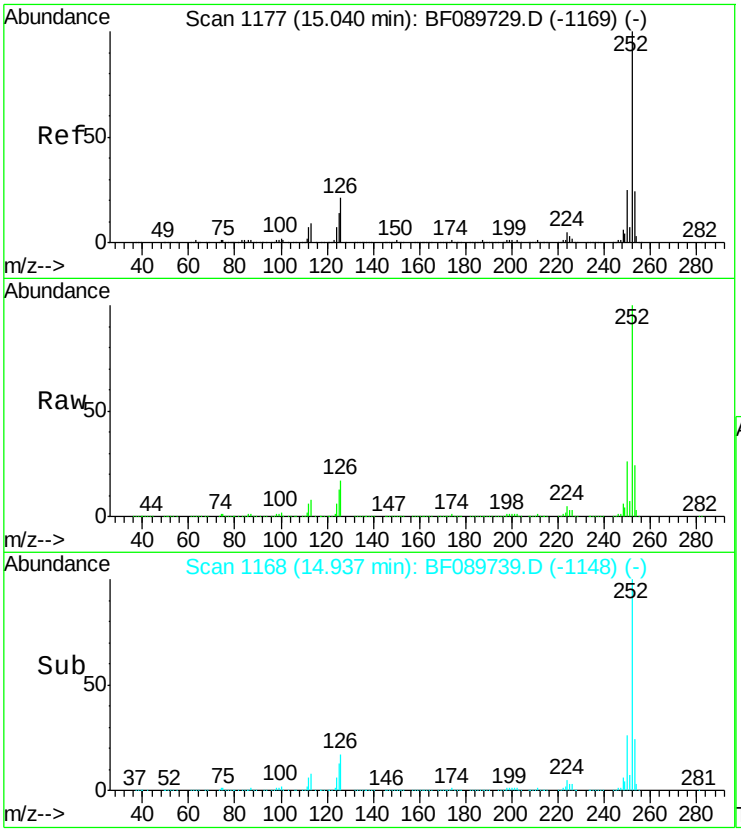


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.09 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:264 Resp: 2218329

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.2	30.2
265	23.1	17.4	26.2

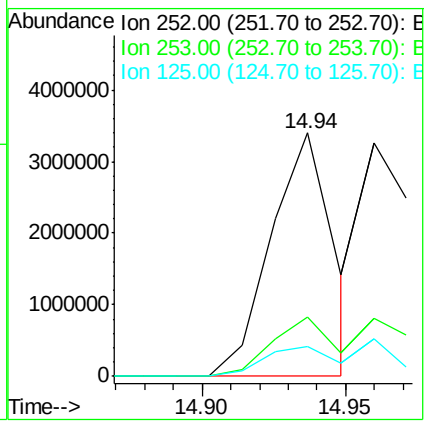




#87
Benzo(b)fluoranthene
Concen: 36.35 ng m
RT: 14.94 min Scan# 1168
Delta R.T. -0.07 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:252 Resp: 5110077

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.8
125	12.5	11.4	17.2



Instrument :
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ClientSampleId :
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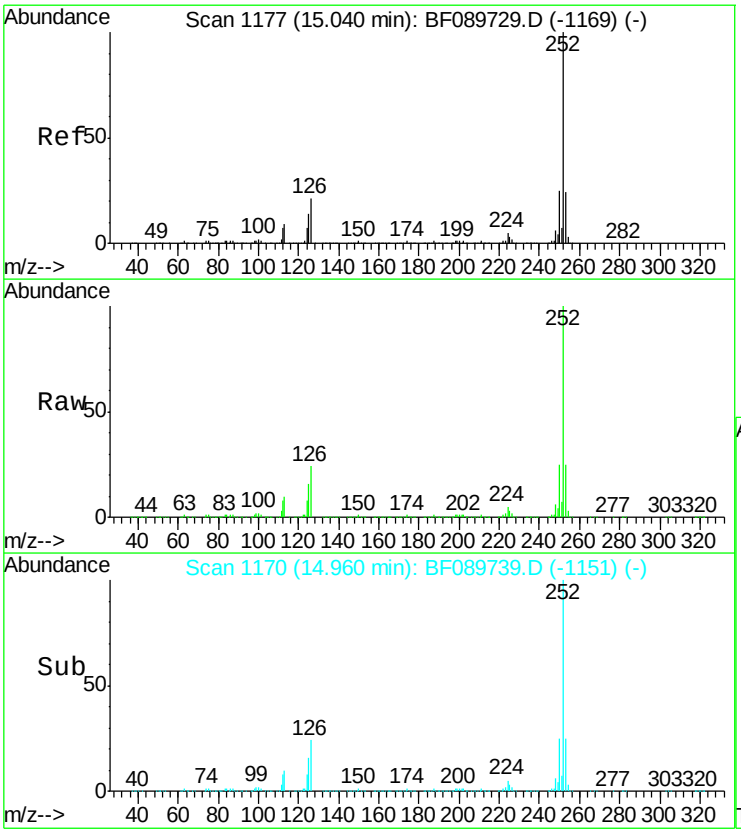
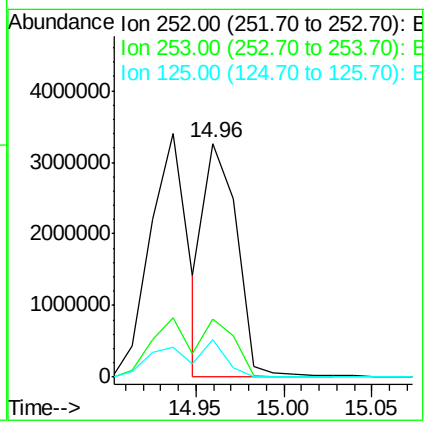
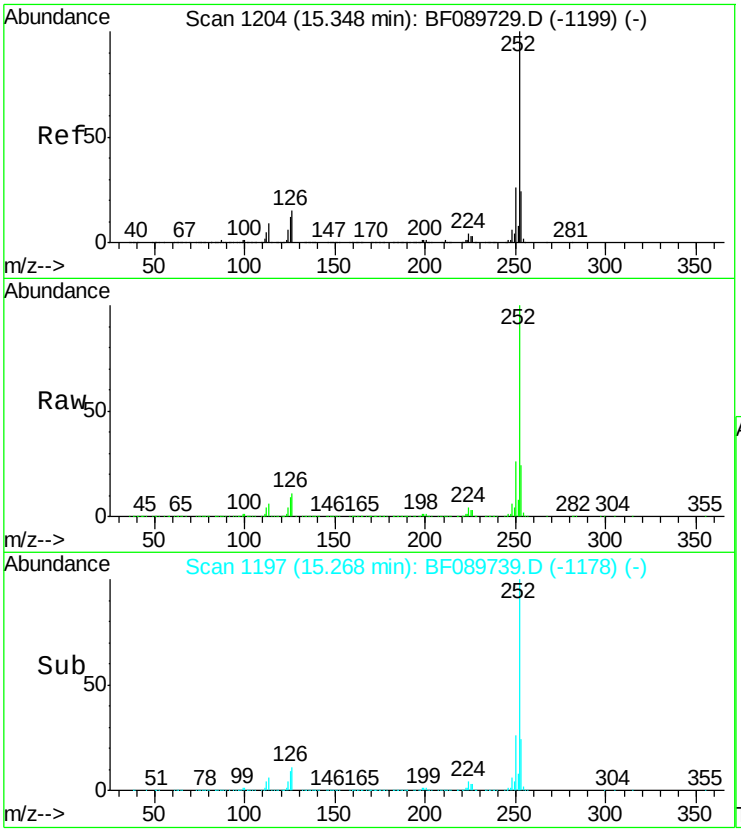


#88
Benzo(k)fluoranthene
Concen: 35.97 ng m
RT: 14.96 min Scan# 1170
Delta R.T. -0.08 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:252 Resp: 4161803

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.4	27.6
125	16.3	9.8	14.6#





#89
Benzo(a)pyrene
Concen: 40.18 ng
RT: 15.27 min Scan# 1197
Delta R.T. -0.08 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:252 Resp: 4662240

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.8
125	8.9	11.7	17.5#

Instrument :
BNA_F
ClientSampleId :
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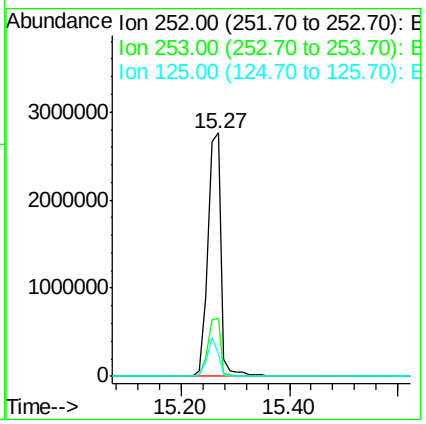
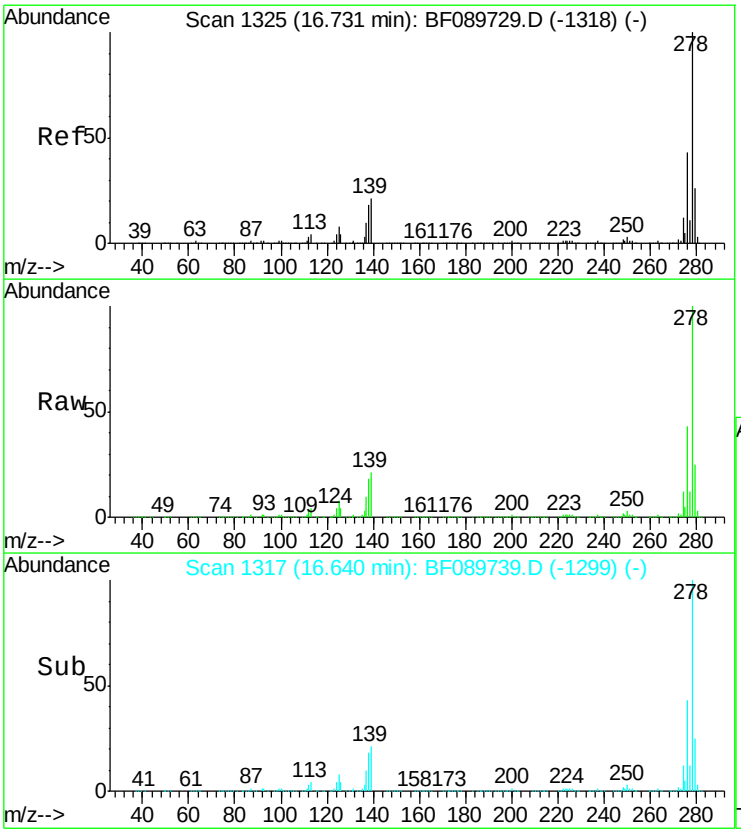
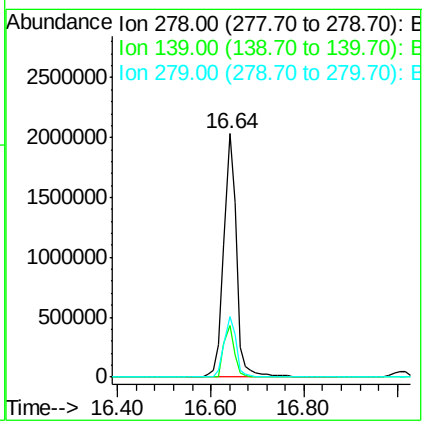


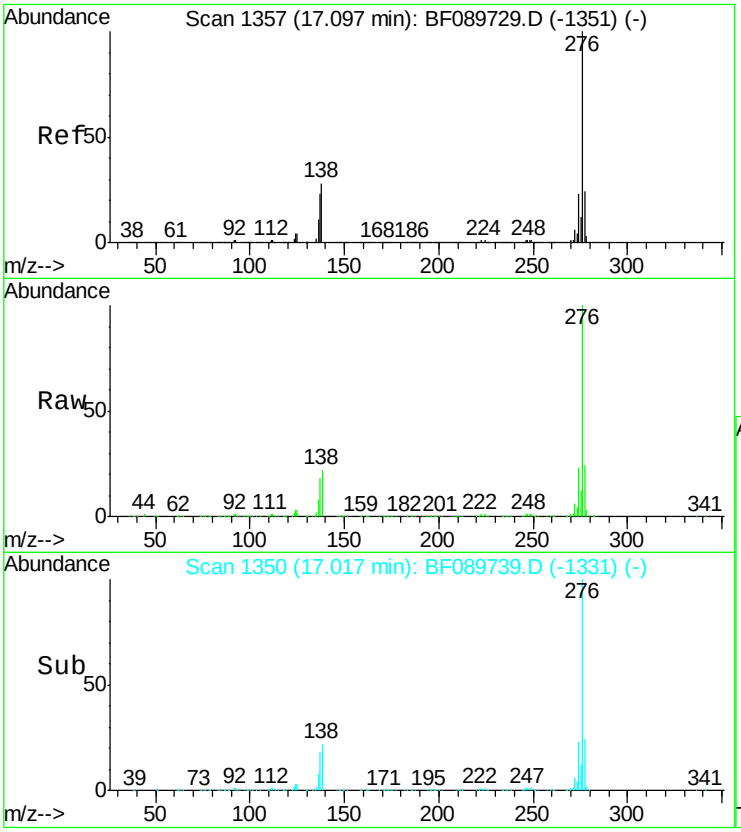


#90
Dibenzo(a,h)anthracene
Concen: 41.49 ng
RT: 16.64 min Scan# 1317
Delta R.T. -0.09 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:278 Resp: 3791010

Ion	Ratio	Lower	Upper
278	100		
139	21.4	14.9	22.3
279	24.9	19.2	28.8

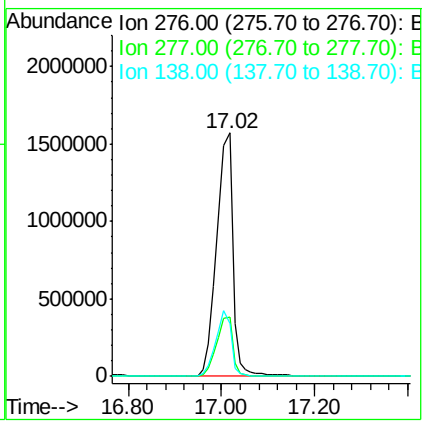




#91
Benzo(g,h,i)perylene
Concen: 40.54 ng
RT: 17.02 min Scan# 1350
Delta R.T. -0.08 min
Lab File: BF089739.D
Acq: 17 Aug 2016 3:11

Tgt Ion:276 Resp: 3770371

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.2	28.8
138	21.6	22.1	33.1#



Instrument :
BNA_F
ClientSampleId :
PB92850BS

Manual Integrations APPROVED
umangi
8/17/2016 6:42:59 PM