Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088913.D
Acq On : 11 Jul 2016 21:51
Operator : UM/SJ
Sample : H3921-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N8-B6(0-2)C

Manual Integrations APPROVED
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7/12/2016 7:36:03 PM

Quant Time: Jul 12 03:17:21 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	60052	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	246996	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	95803	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	159936	20.00	ng		0.00
75) Chrysene-d12	13.84	240	130070	20.00	ng		-0.01
86) Perylene-d12	15.21	264	111507	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	449183	112.10	ng		0.02
7) Phenol-d6	6.35	99	504281	97.40	ng		0.00
23) Nitrobenzene-d5	7.28	82	357760	75.91	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	98585	110.82	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	513587	84.68	ng		0.00
78) Terphenyl-d14	12.80	244	387742	66.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	927	0.47	ng	#	87
6) Aniline	6.36	93	210	0.03	ng	#	1
9) Benzaldehyde	6.35	77	619	0.18	ng	#	1
10) Phenol	6.36	94	5556	0.94	ng	#	1
11) bis(2-Chloroethyl)ether	6.48	93	493	0.11	ng	#	1
15) Benzyl Alcohol	6.87	79	6550	1.72	ng	#	46
17) 2-Methylphenol	6.86	107	209	0.06	ng	#	1
22) Acetophenone	7.12	105	228	0.04	ng	#	57
24) Nitrobenzene	7.28	77	1081	0.23	ng	#	30
27) 2,4-Dimethylphenol	7.72	122	6934	1.71	ng	#	7
31) Naphthalene	8.02	128	1060	0.09	ng	#	68
32) Benzoic acid	7.72	122	6934	2.35	ng	#	78
37) 2-Methylnaphthalene	8.71	142	562	0.07	ng	#	70
45) 1,1'-Biphenyl	9.07	154	808	0.10	ng	#	1
47) 2-Nitroaniline	9.46	65	754	0.34	ng	#	1
48) Acenaphthylene	9.60	152	1509	0.15	ng	#	60
49) Dimethylphthalate	9.47	163	76208	11.17	ng		98
50) 2,6-Dinitrotoluene	9.47	165	826	0.55	ng	#	13
51) Acenaphthene	9.77	154	568	0.09	ng	#	75
54) Dibenzofuran	9.94	168	590	0.07	ng	#	49
57) Fluorene	10.28	166	488	0.08	ng	#	80
62) Azobenzene	10.52	77	534	0.07	ng	#	8
65) n-Nitrosodiphenylamine	10.52	169	3126	0.58	ng	#	43
70) Phenanthrene	11.24	178	12696	1.45	ng		97
71) Anthracene	11.29	178	2864	0.33	ng		97
72) Carbazole	11.45	167	1747	0.21	ng	#	95
73) Di-n-butylphthalate	11.79	149	1324	0.14	ng	#	77
74) Fluoranthene	12.42	202	29949	3.38	ng		99
76) Benzidine	12.69	184	790	0.12	ng	#	1
77) Pyrene	12.65	202	24679	2.24	ng		98
79) Butylbenzylphthalate	13.28	149	693	0.14	ng	#	56
80) Benzo(a)anthracene	13.83	228	16071	1.92	ng	#	91
82) Chrysene	13.83	228	16071	1.94	ng		96
83) Bis(2-ethylhexyl)phthalate	13.84	149	6281	1.12	ng	#	99

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Misc :
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Instrument :
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ClientSampleId :
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Quant Time: Jul 12 03:17:21 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
84) Di-n-octyl phthalate	14.49	149	1147	0.12	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.49	276	7328	1.15	ng	#	100
87) Benzo(b)fluoranthene	14.83	252	18215m	2.60	ng		
89) Benzo(a)pyrene	15.15	252	11082	1.87	ng		96
90) Dibenzo(a,h)anthracene	16.50	278	2100	0.42	ng	#	68
91) Benzo(g,h,i)perylene	16.88	276	7154	1.40	ng		95

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

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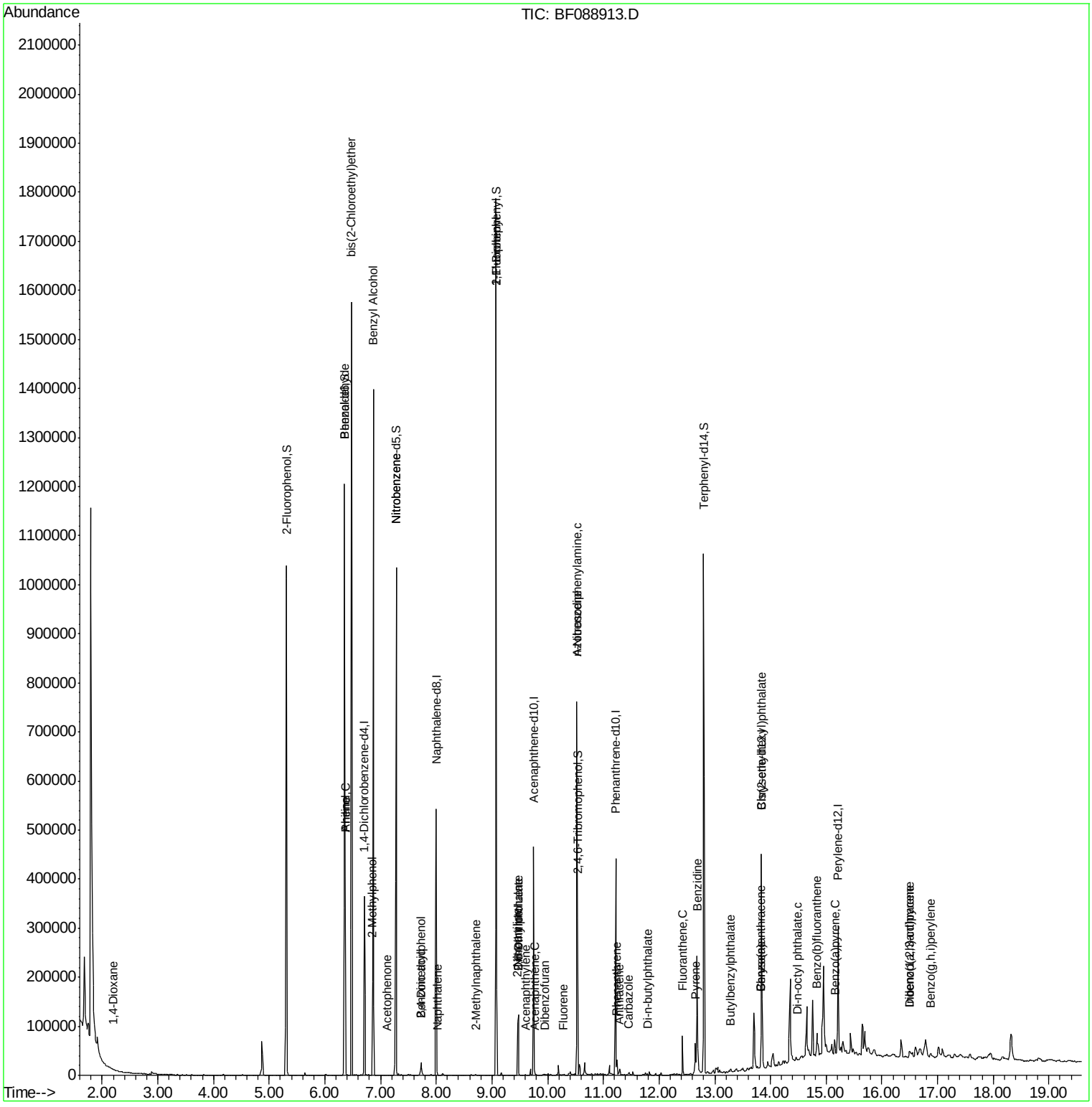
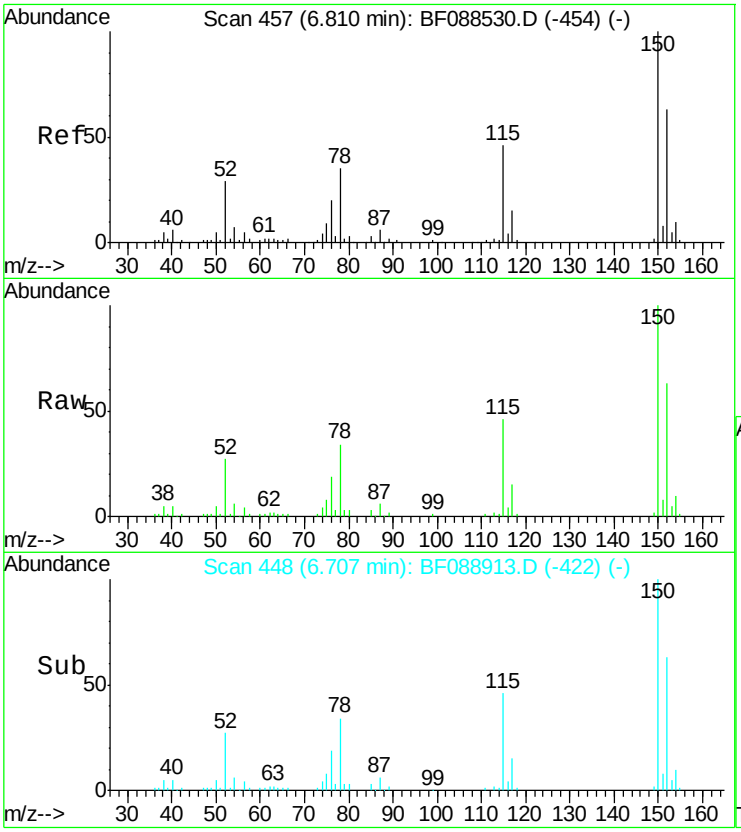
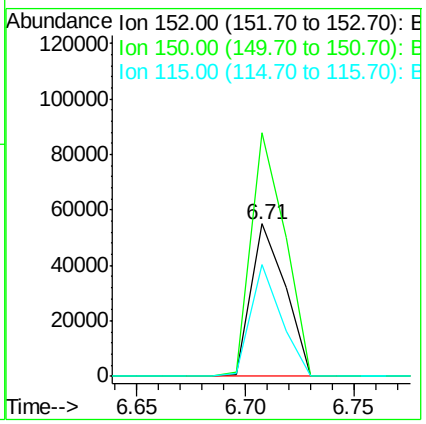




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:152 Resp: 60052

Ion	Ratio	Lower	Upper
152	100		
150	160.0	123.8	185.6
115	73.6	39.6	59.4#



Instrument :
BNA_F
ClientSampleId :
N8-B6(0-2)C

Manual Integrations
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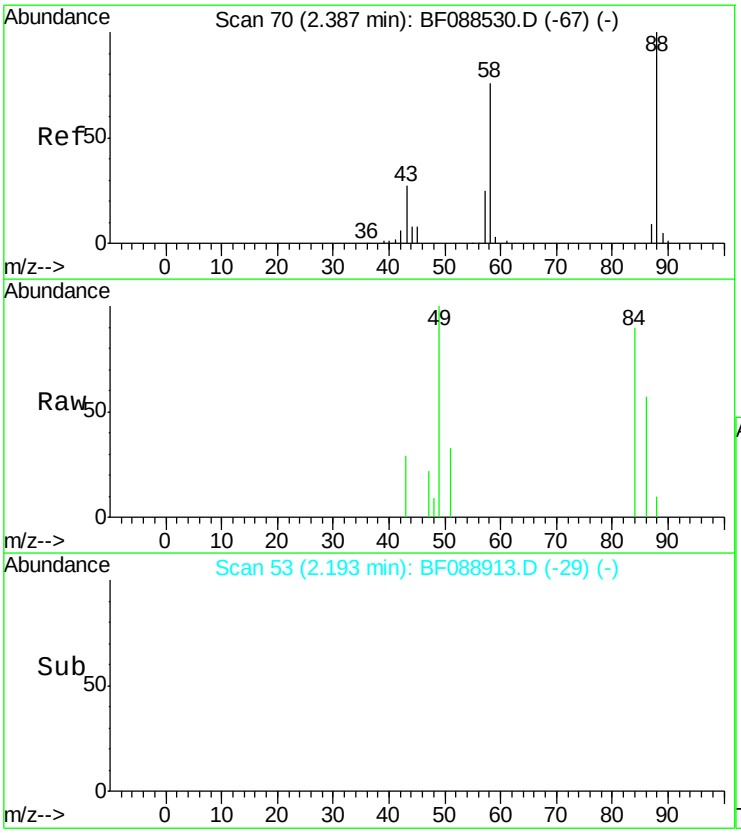
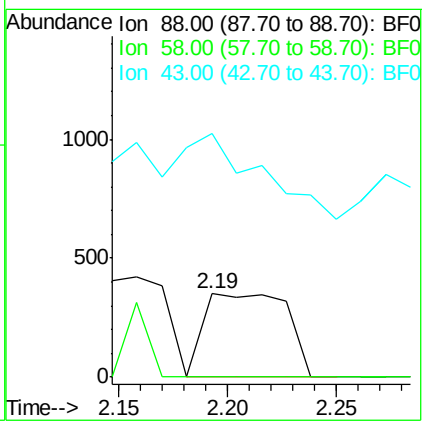
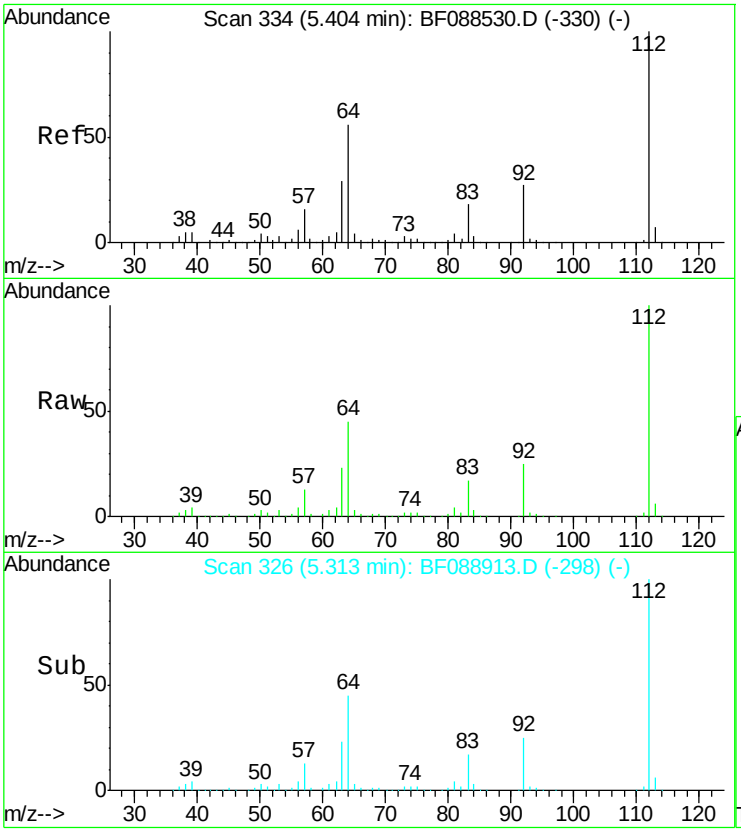


#2
1,4-Dioxane
Concen: 0.47 ng
RT: 2.19 min Scan# 53
Delta R.T. -0.02 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion: 88 Resp: 927

Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	3.4	5.2#





#5
2-Fluorophenol
Concen: 112.10 ng
RT: 5.31 min Scan# 326
Delta R.T. 0.02 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:112 Resp: 449183

Ion	Ratio	Lower	Upper
112	100		
64	45.0	42.2	63.2
63	23.4	21.8	32.8

Instrument :
BNA_F
ClientSampleId :
N8-B6(0-2)C

Manual Integrations
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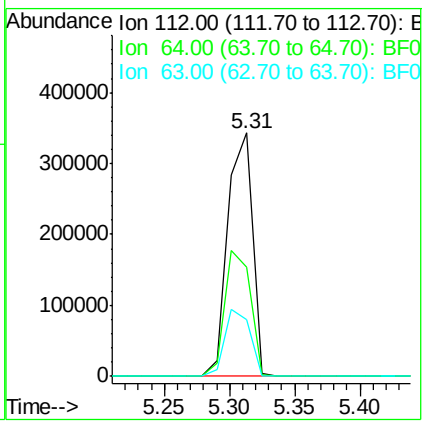
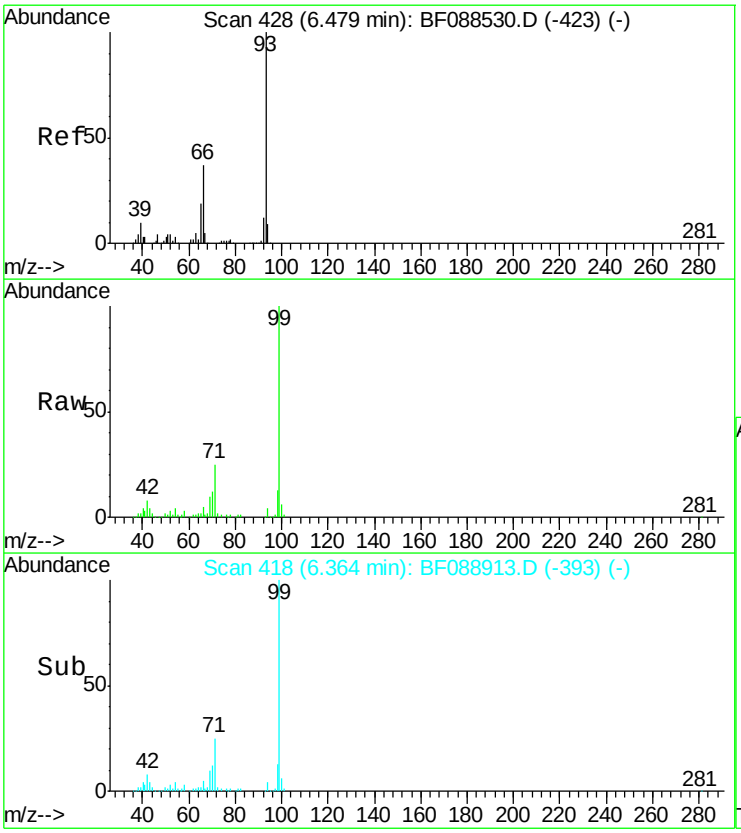
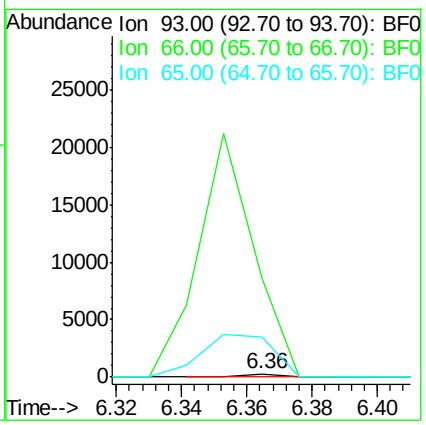


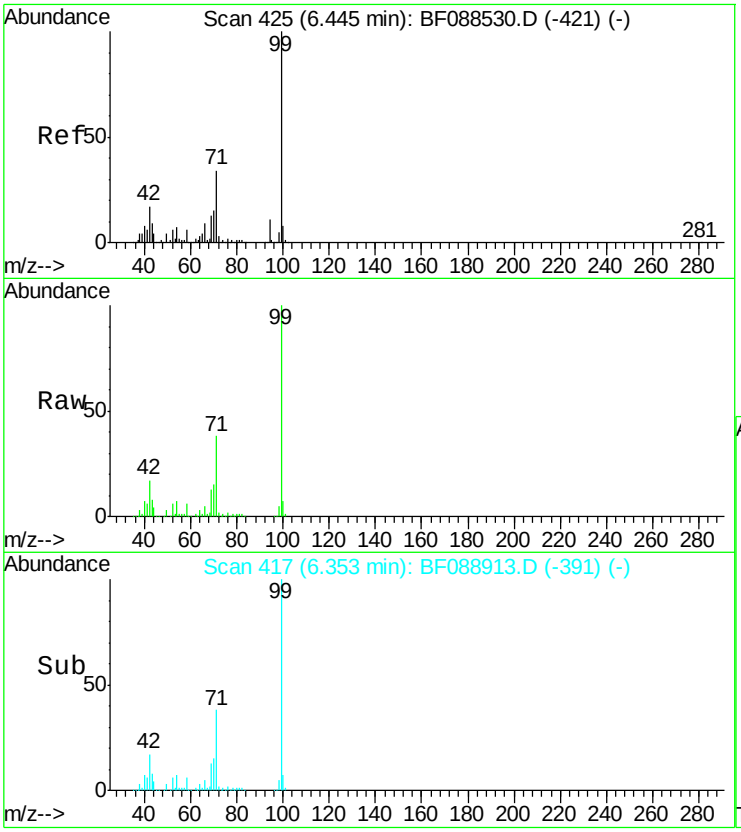


#6
Aniline
Concen: 0.03 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion: 93 Resp: 210

Ion	Ratio	Lower	Upper
93	100		
66	2818.0	29.8	44.8#
65	1146.4	14.9	22.3#





#7
Phenol-d6
Concen: 97.40 ng
RT: 6.35 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion: 99 Resp: 504281

Ion	Ratio	Lower	Upper
99	100		
42	17.1	12.2	18.2
71	37.5	23.4	35.0#

Instrument :
BNA_F
ClientSampleId :
N8-B6(0-2)C

Manual Integrations
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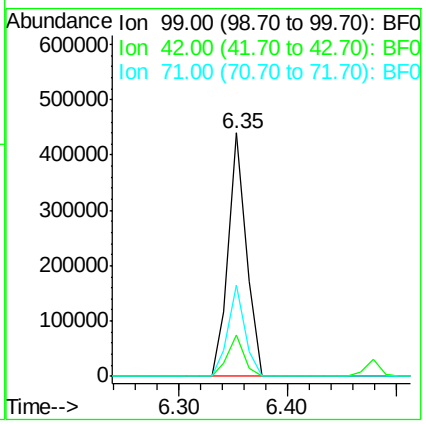
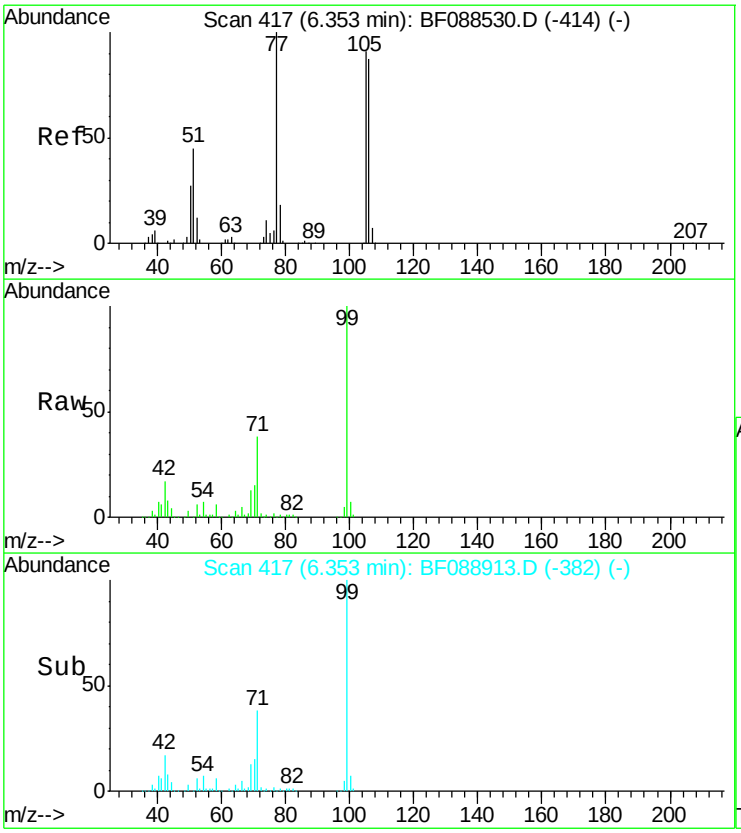
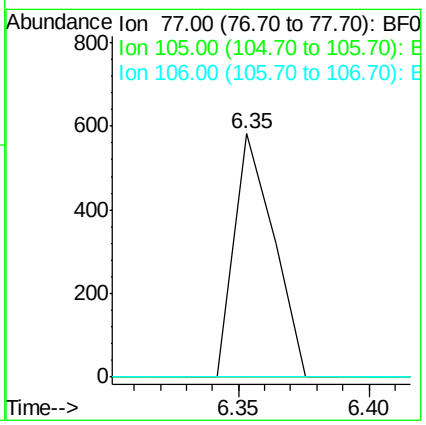


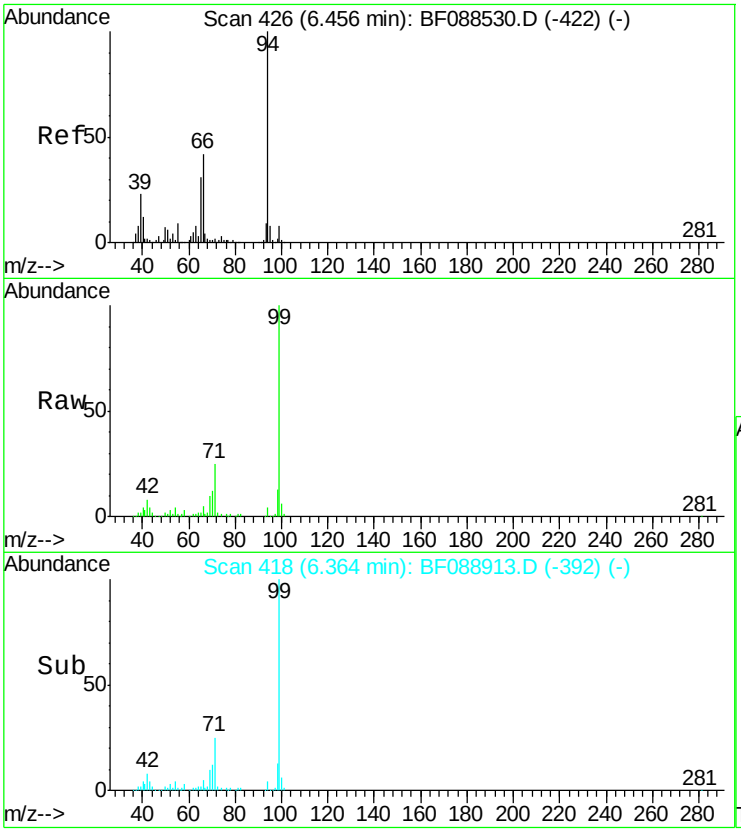


#9
Benzaldehyde
Concen: 0.18 ng
RT: 6.35 min Scan# 417
Delta R.T. 0.10 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion: 77 Resp: 619

Ion	Ratio	Lower	Upper
77	100		
105	0.0	90.6	130.6#
106	0.0	85.3	125.3#

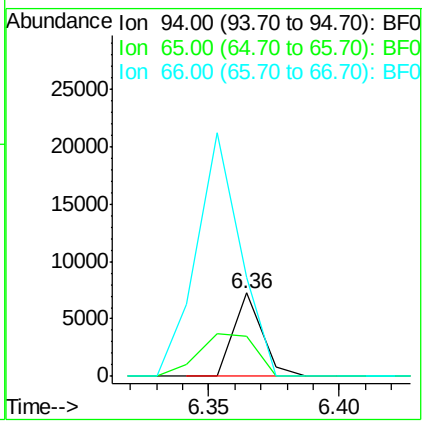




#10
Phenol
Concen: 0.94 ng
RT: 6.36 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion: 94 Resp: 5556

Ion	Ratio	Lower	Upper
94	100		
65	48.5	5.9	45.9#
66	119.3	14.0	54.0#



Instrument :
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ClientSampleId :
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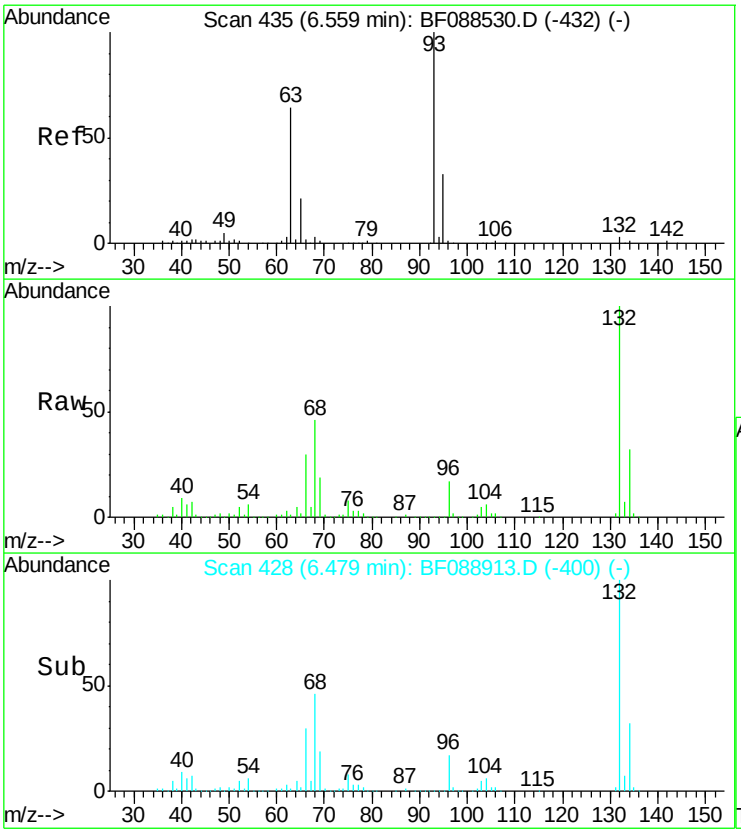
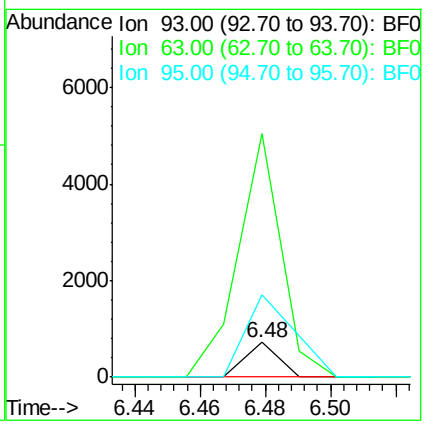
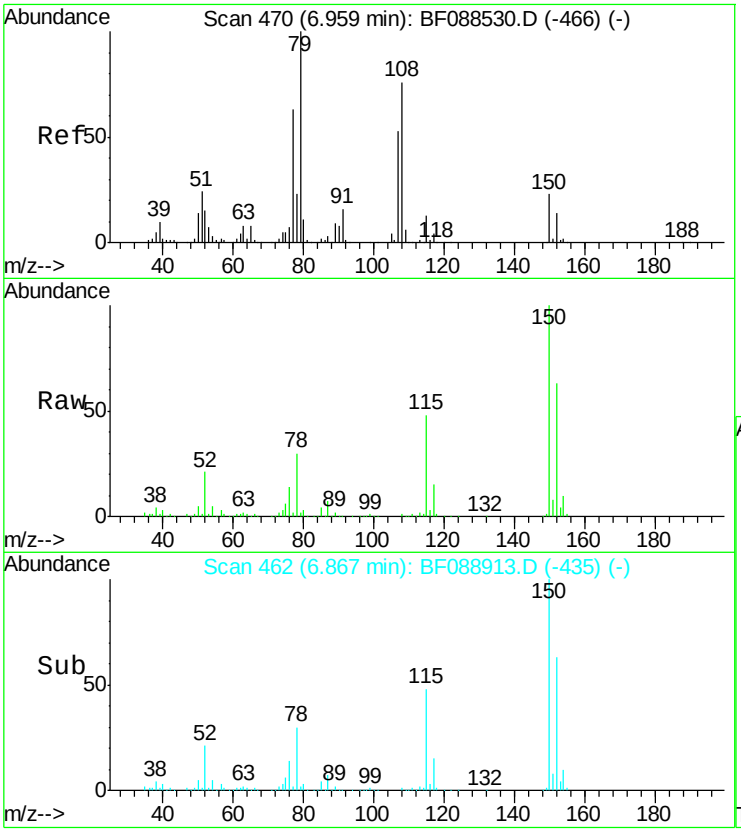


#11
bis(2-Chloroethyl)ether
Concen: 0.11 ng
RT: 6.48 min Scan# 428
Delta R.T. 0.02 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion: 93 Resp: 493

Ion	Ratio	Lower	Upper
93	100		
63	701.7	67.6	107.6#
95	236.6	12.5	52.5#

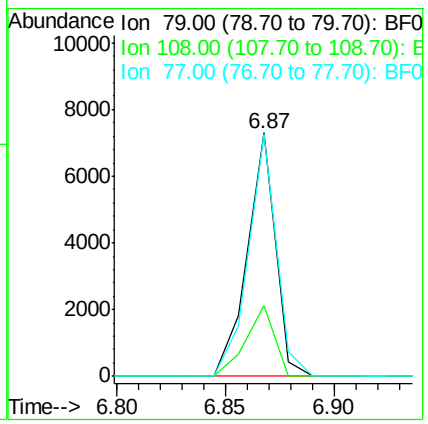




#15
Benzyl Alcohol
Concen: 1.72 ng
RT: 6.87 min Scan# 462
Delta R.T. 0.01 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion: 79 Resp: 6550

Ion	Ratio	Lower	Upper
79	100		
108	29.1	65.0	97.6#
77	99.6	50.3	75.5#



Instrument :
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ClientSampleId :
N8-B6(0-2)C

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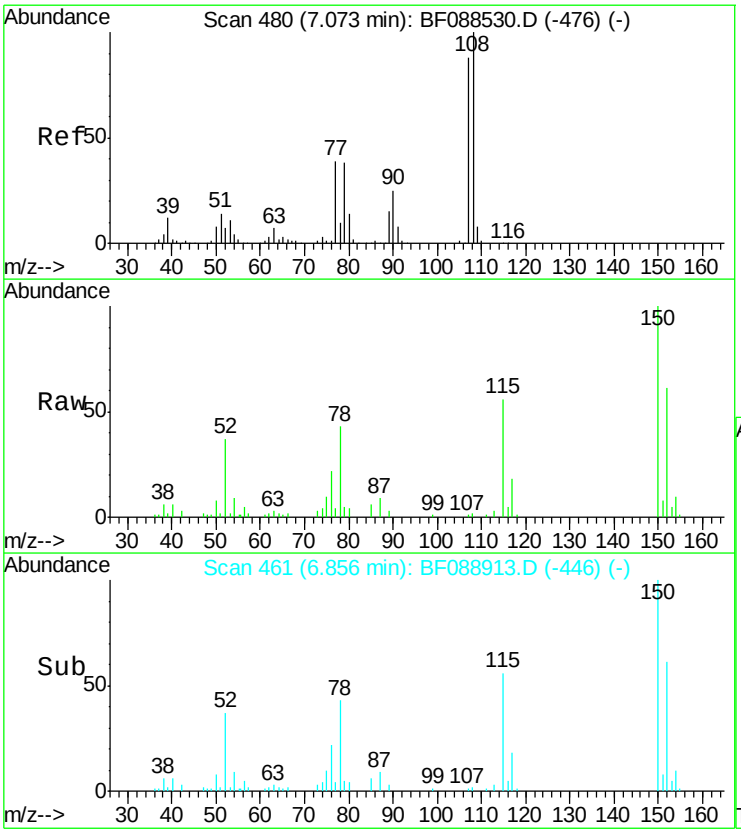
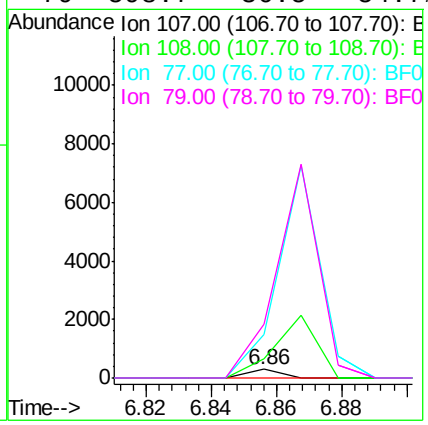
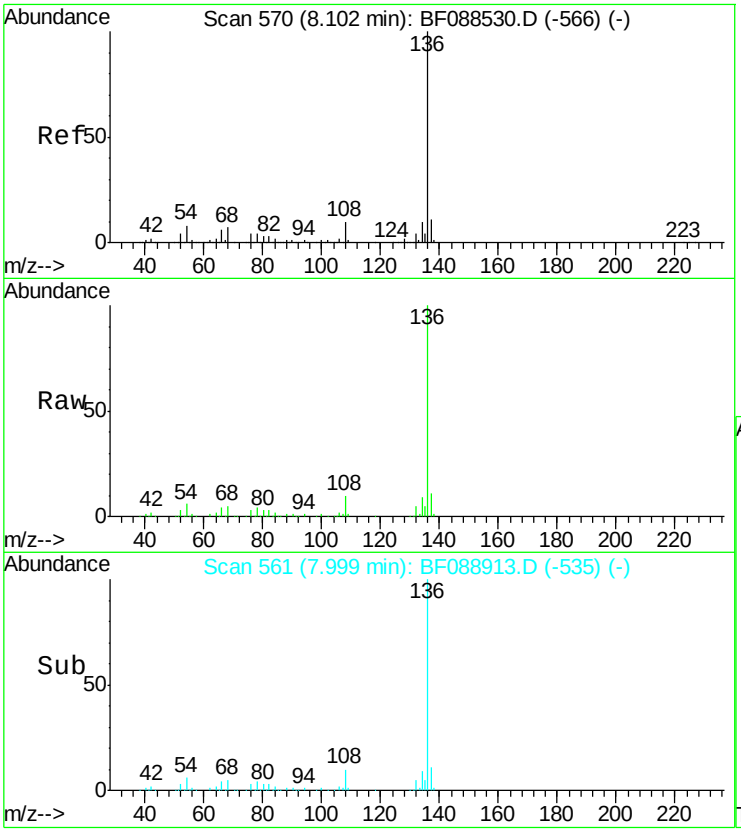


#17
2-Methylphenol
Concen: 0.06 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.13 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:107 Resp: 209

Ion	Ratio	Lower	Upper
107	100		
108	211.8	90.9	136.3#
77	494.4	36.6	55.0#
79	598.7	36.5	54.7#

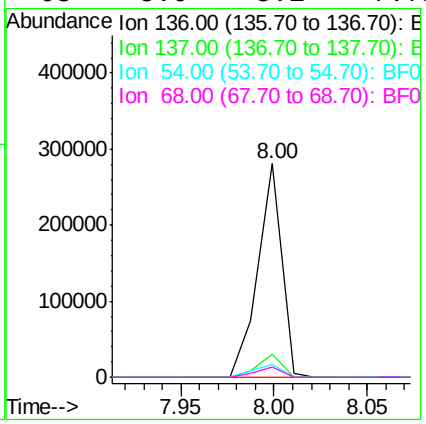




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:136 Resp: 246996

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	5.9	6.6	10.0#
68	5.0	5.1	7.7#



Instrument :
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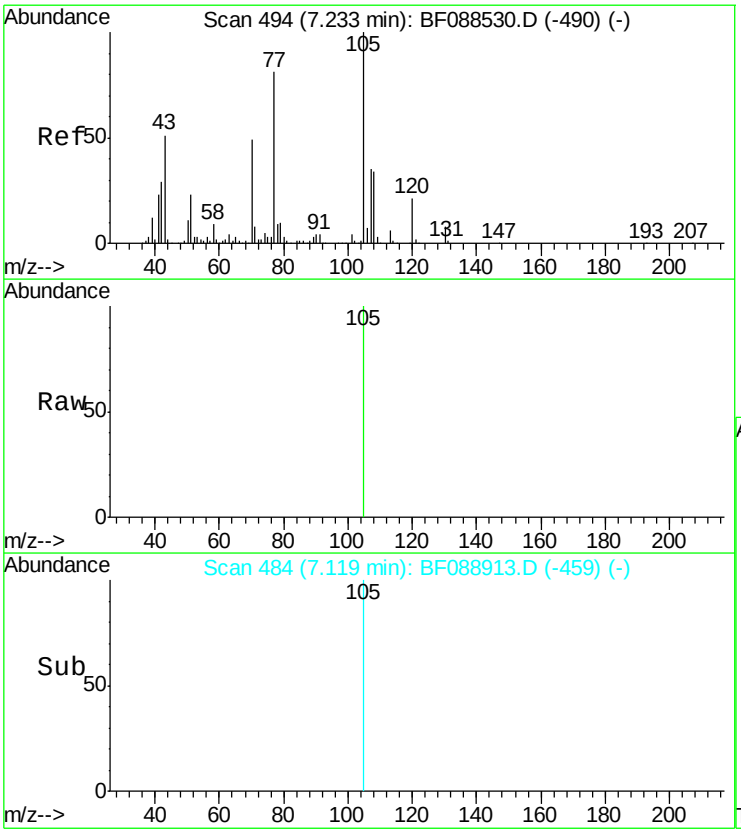
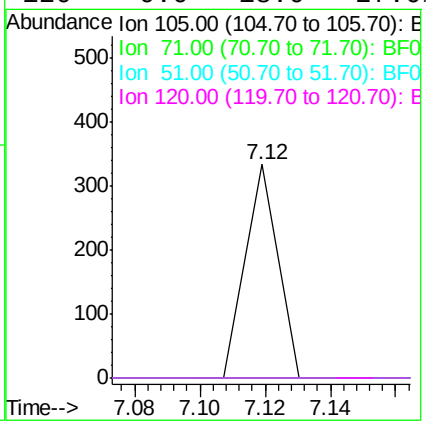
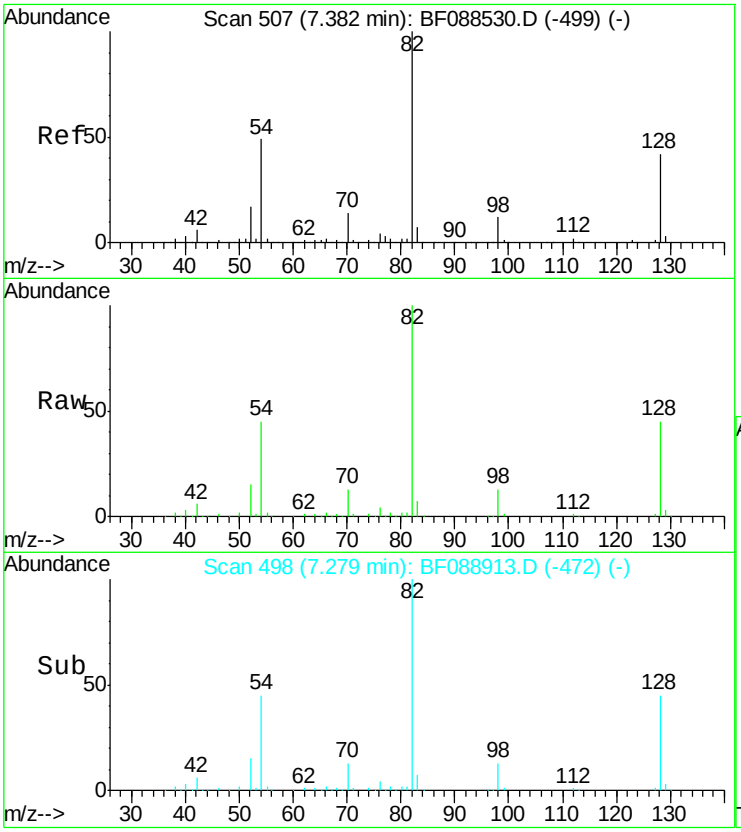


#22
Acetophenone
Concen: 0.04 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:105 Resp: 228

Ion	Ratio	Lower	Upper
105	100		
71	0.0	5.3	7.9#
51	0.0	18.2	27.4#
120	0.0	18.0	27.0#

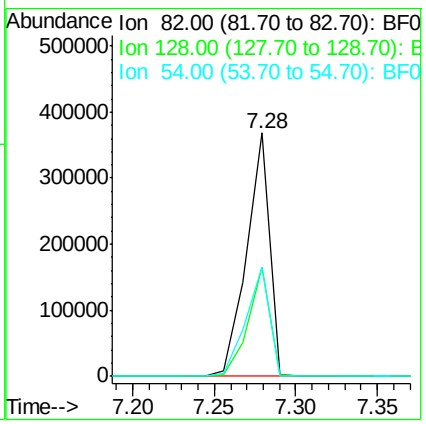




#23
Nitrobenzene-d5
Concen: 75.91 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.00 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion: 82 Resp: 357760

Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.9	53.9
54	44.9	40.9	61.3



Instrument :
BNA_F
ClientSampleId :
N8-B6(0-2)C

Manual Integrations
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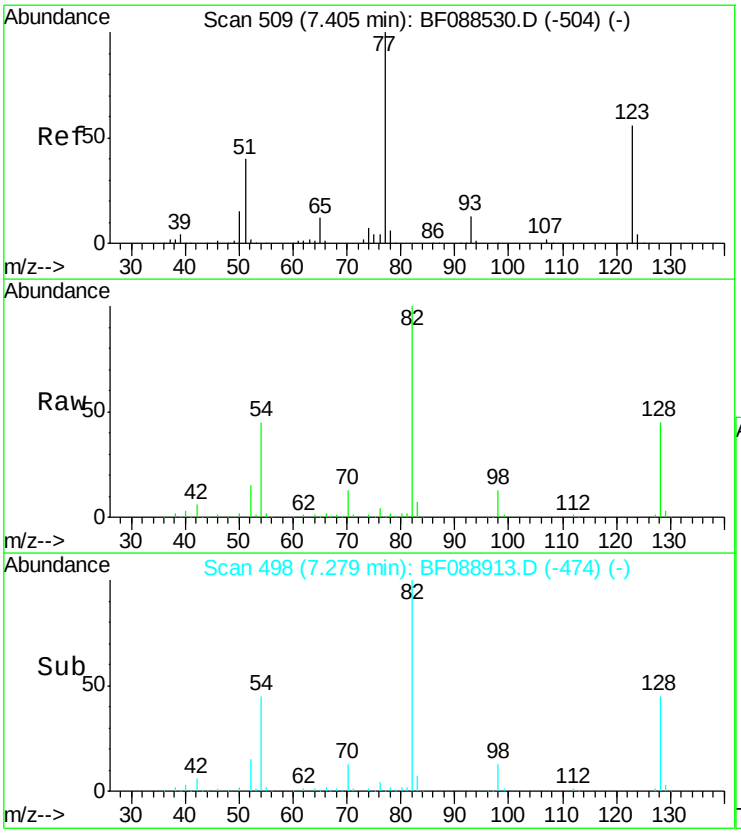
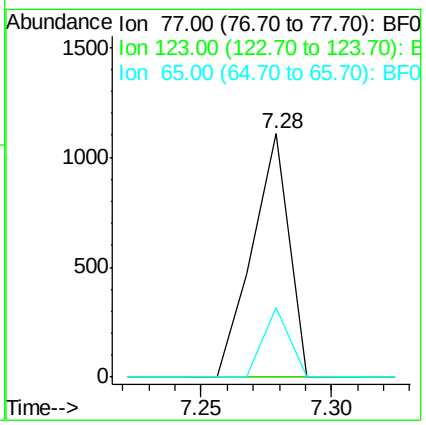
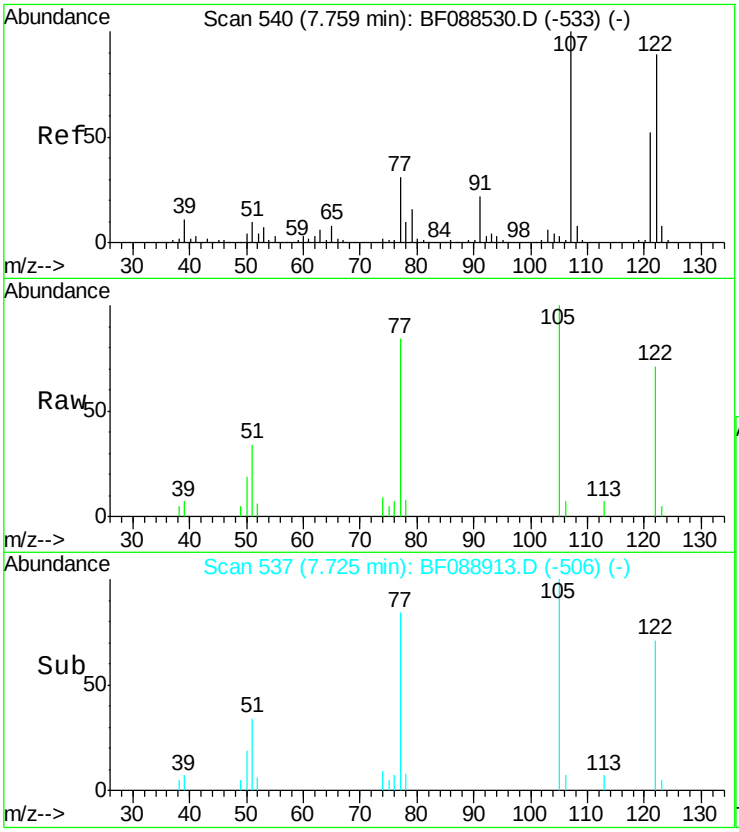


#24
Nitrobenzene
Concen: 0.23 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.02 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion: 77 Resp: 1081

Ion	Ratio	Lower	Upper
77	100		
123	0.0	45.0	67.4#
65	28.4	10.2	15.2#





#27
2,4-Dimethylphenol
Concen: 1.71 ng
RT: 7.72 min Scan# 537
Delta R.T. 0.06 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:122 Resp: 6934

Ion	Ratio	Lower	Upper
122	100		
107	0.0	82.4	123.6#
121	0.0	46.3	69.5#

Instrument :
BNA_F
ClientSampleId :
N8-B6(0-2)C

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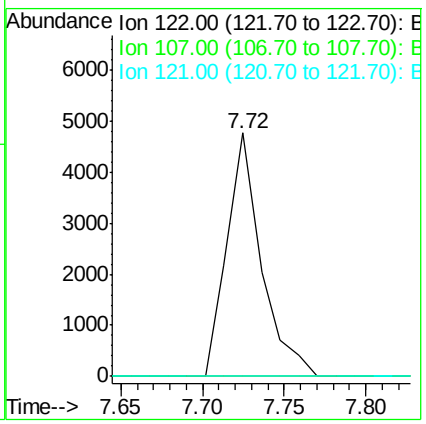
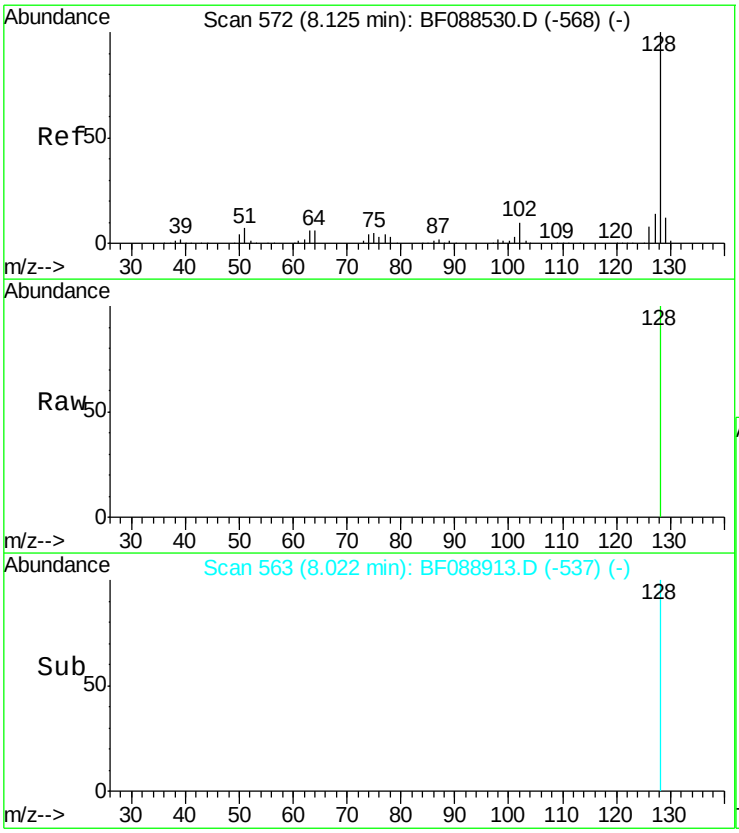
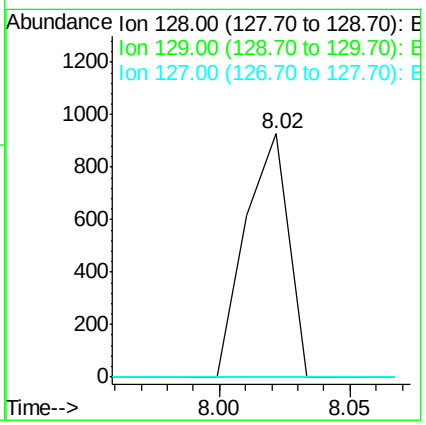


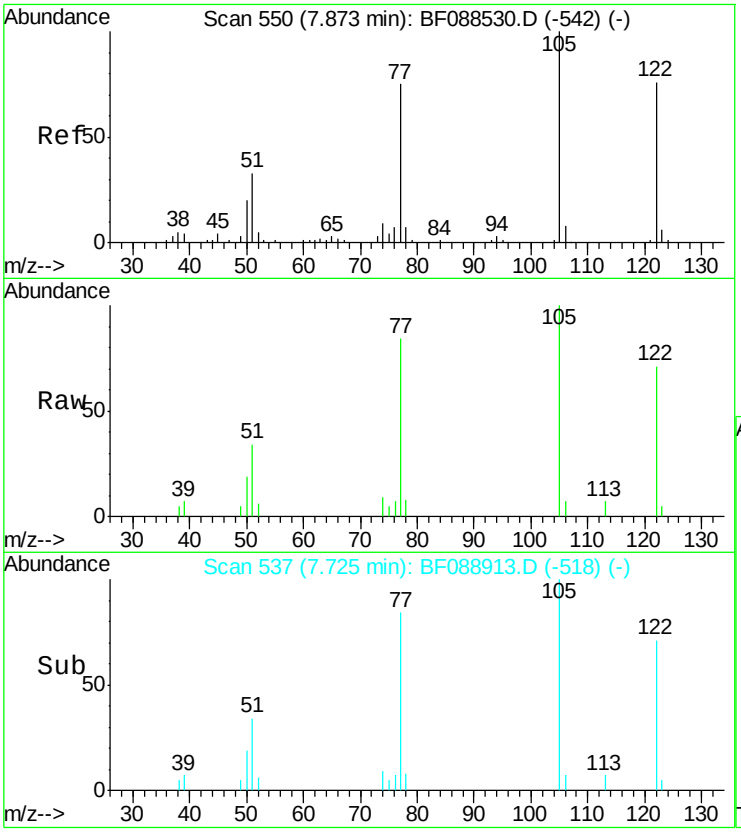


#31
Naphthalene
Concen: 0.09 ng
RT: 8.02 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:128 Resp: 1060

Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.4	14.2#
127	0.0	10.9	16.3#

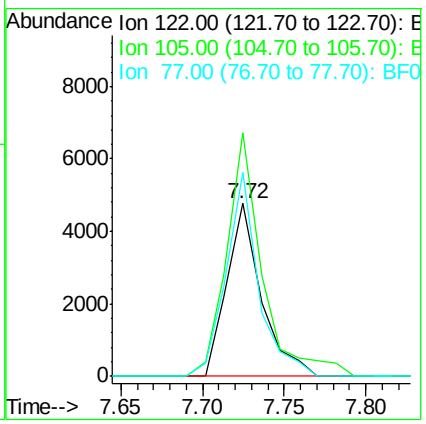




#32
Benzoic acid
Concen: 2.35 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.08 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:122 Resp: 6934

Ion	Ratio	Lower	Upper
122	100		
105	140.8	101.6	141.6
77	117.9	70.6	110.6#



Instrument :
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ClientSampleId :
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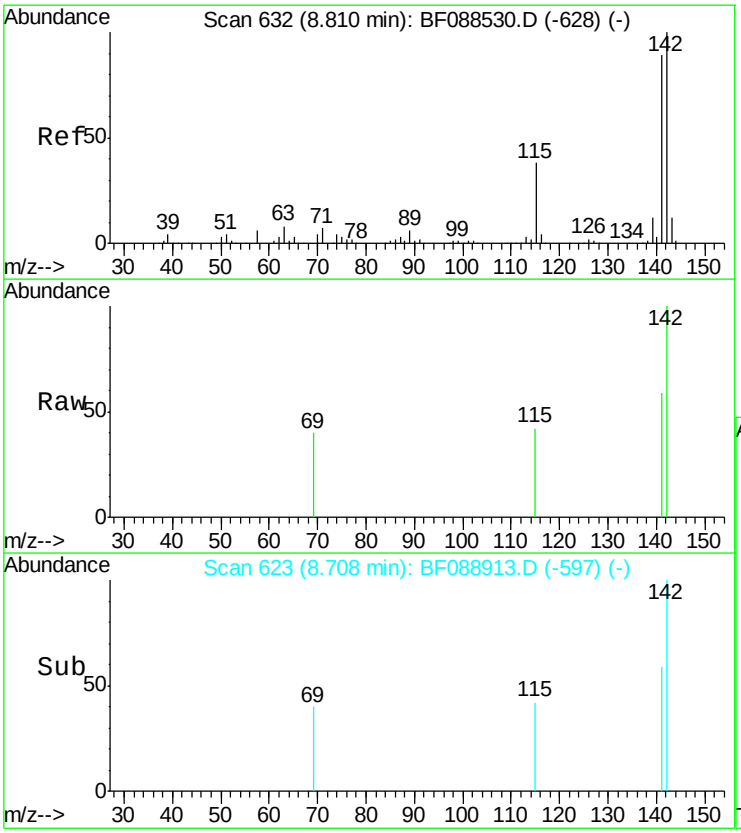
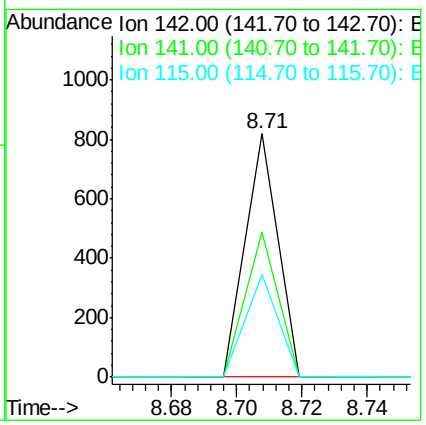
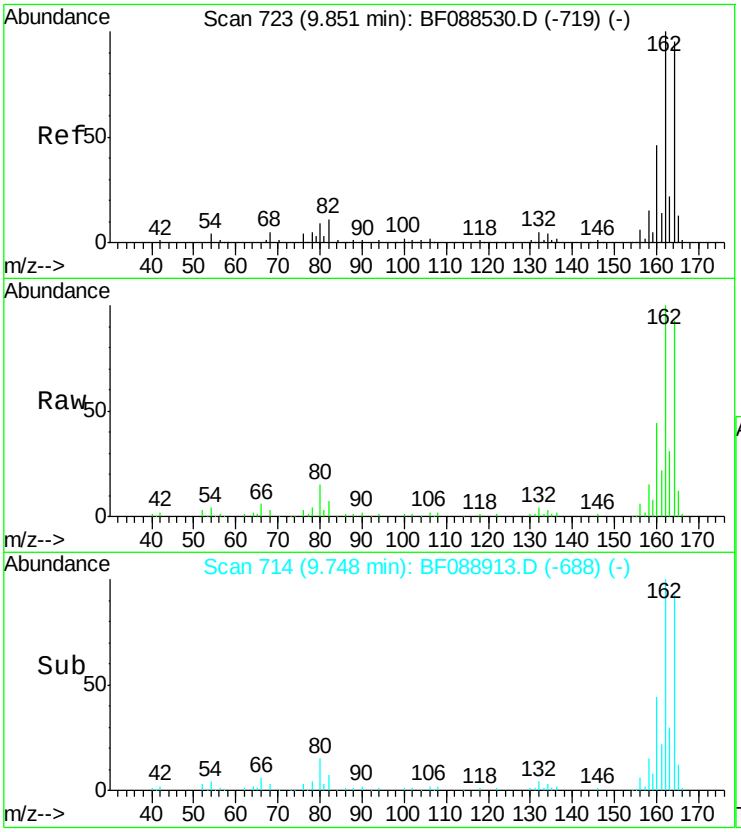


#37
2-Methylnaphthalene
Concen: 0.07 ng
RT: 8.71 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:142 Resp: 562

Ion	Ratio	Lower	Upper
142	100		
141	59.5	71.0	106.6#
115	42.0	22.6	33.8#

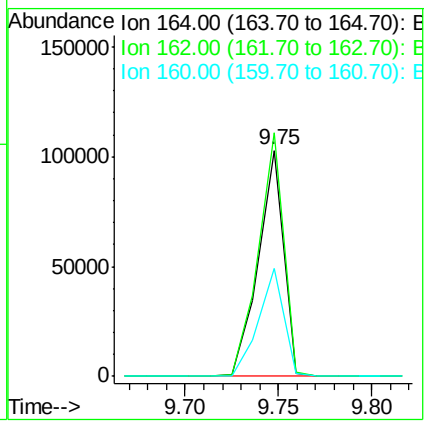




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:164 Resp: 95803

Ion	Ratio	Lower	Upper
164	100		
162	107.6	85.4	128.2
160	47.6	39.5	59.3



Instrument :
BNA_F
ClientSampleId :
N8-B6(0-2)C

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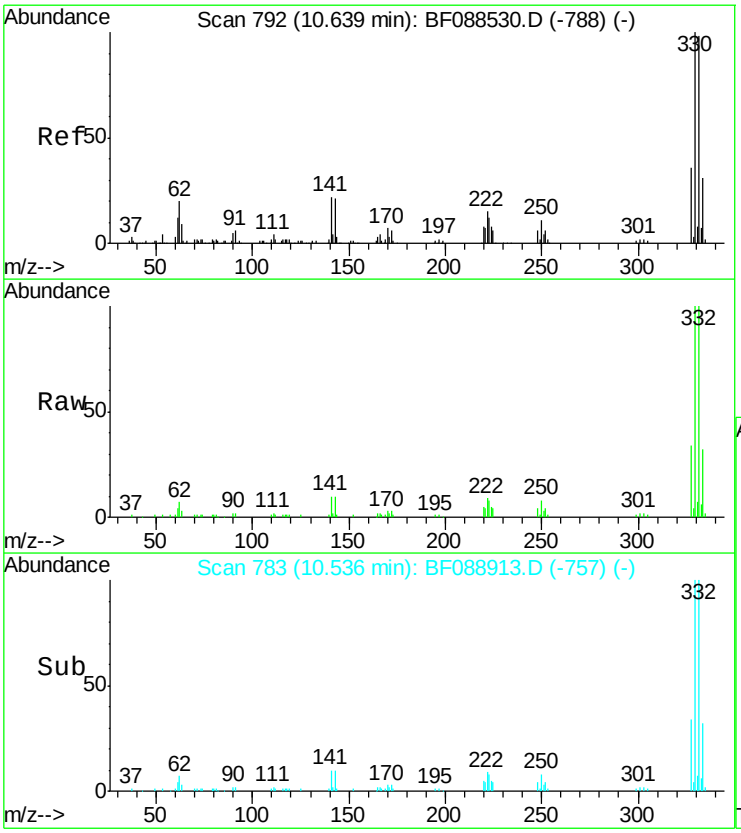
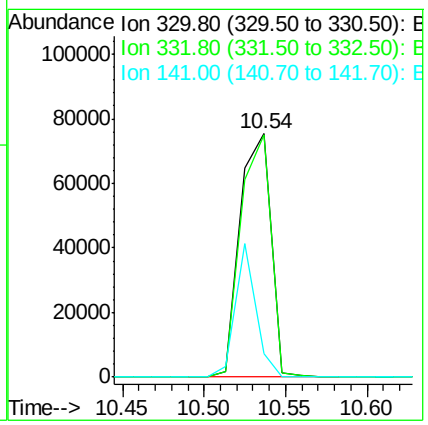
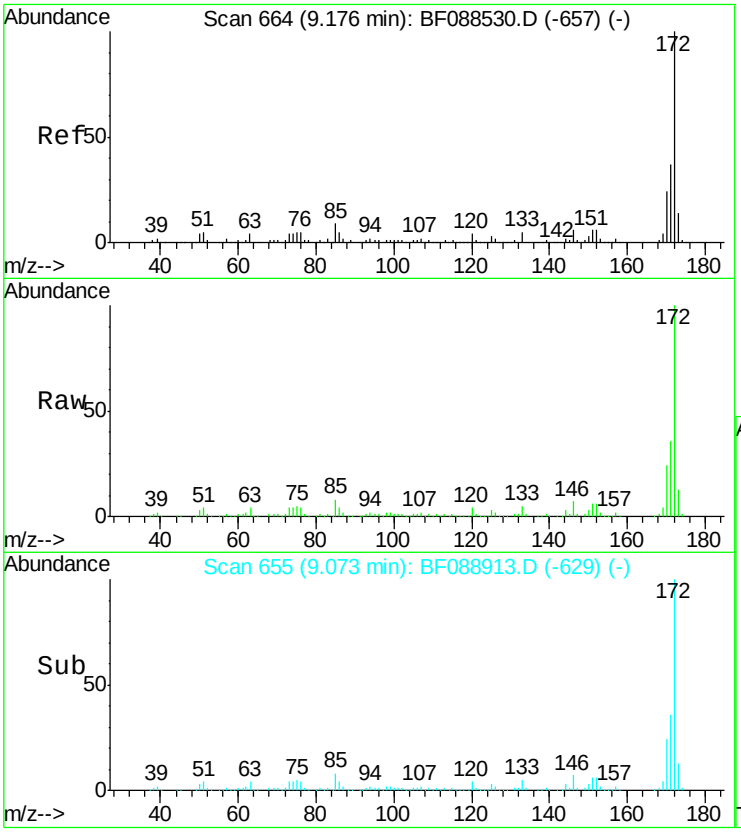


#41
2,4,6-Tribromophenol
Concen: 110.82 ng
RT: 10.54 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:330 Resp: 98585

Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	36.6	0.0	0.0#

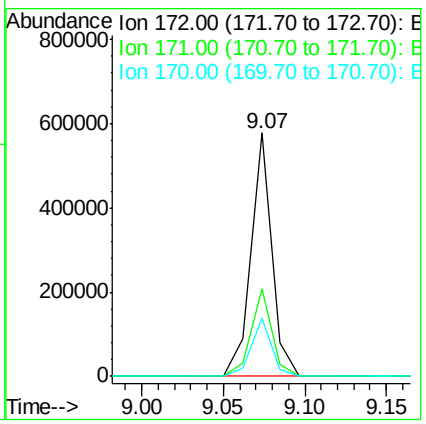




#44
2-Fluorobiphenyl
Concen: 84.68 ng
RT: 9.07 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:172 Resp: 513587

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.9	19.2	28.8



Instrument :
BNA_F
ClientSampleId :
N8-B6(0-2)C

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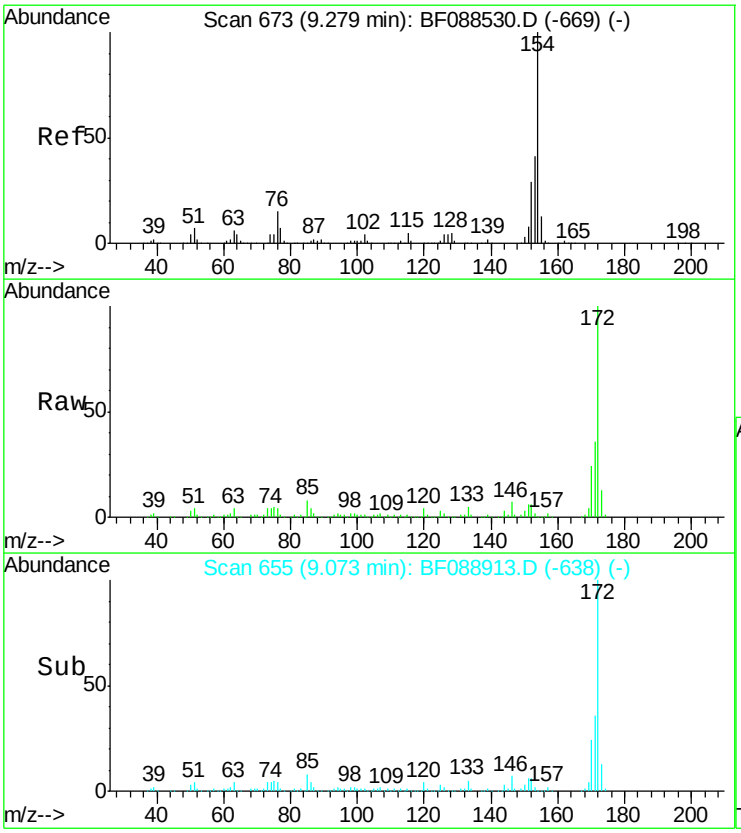
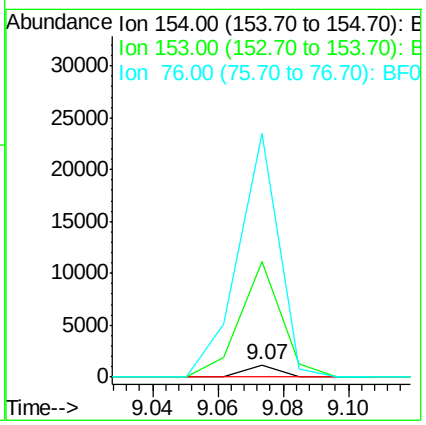
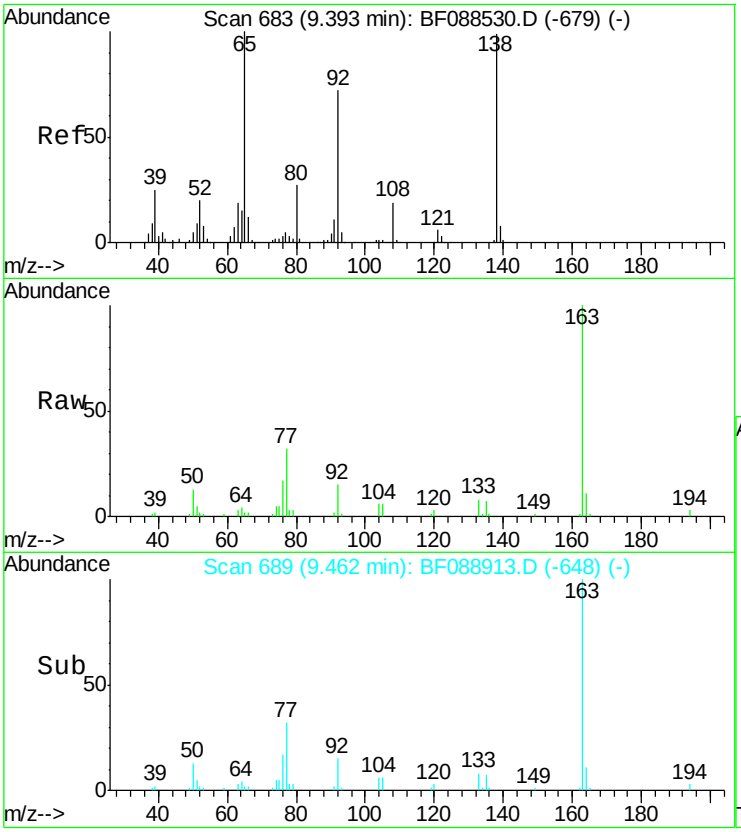


#45
1,1'-Biphenyl
Concen: 0.10 ng
RT: 9.07 min Scan# 655
Delta R.T. -0.10 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:154 Resp: 808

Ion	Ratio	Lower	Upper
154	100		
153	946.7	20.6	60.6#
76	1992.5	0.0	35.1#

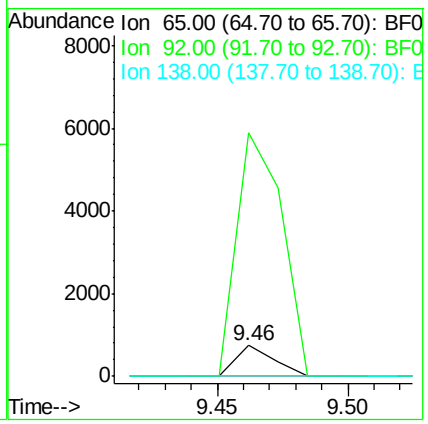




#47
2-Nitroaniline
Concen: 0.34 ng
RT: 9.46 min Scan# 689
Delta R.T. 0.17 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion: 65 Resp: 754

Ion	Ratio	Lower	Upper
65	100		
92	791.5	54.6	82.0#
138	0.0	77.0	115.4#



Instrument :
BNA_F
ClientSampleId :
N8-B6(0-2)C

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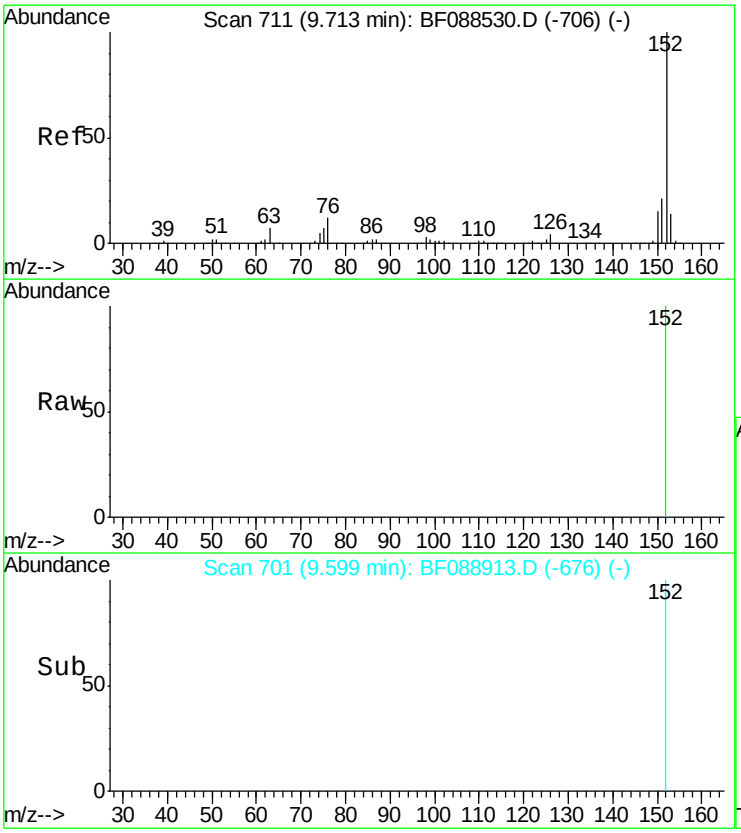
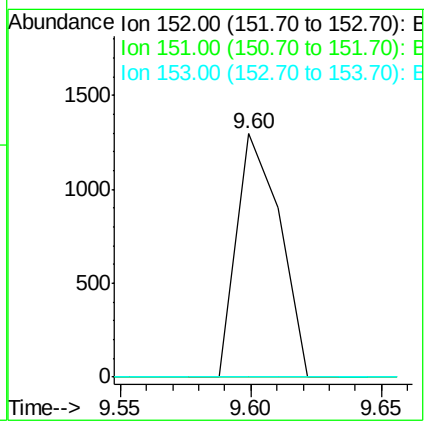
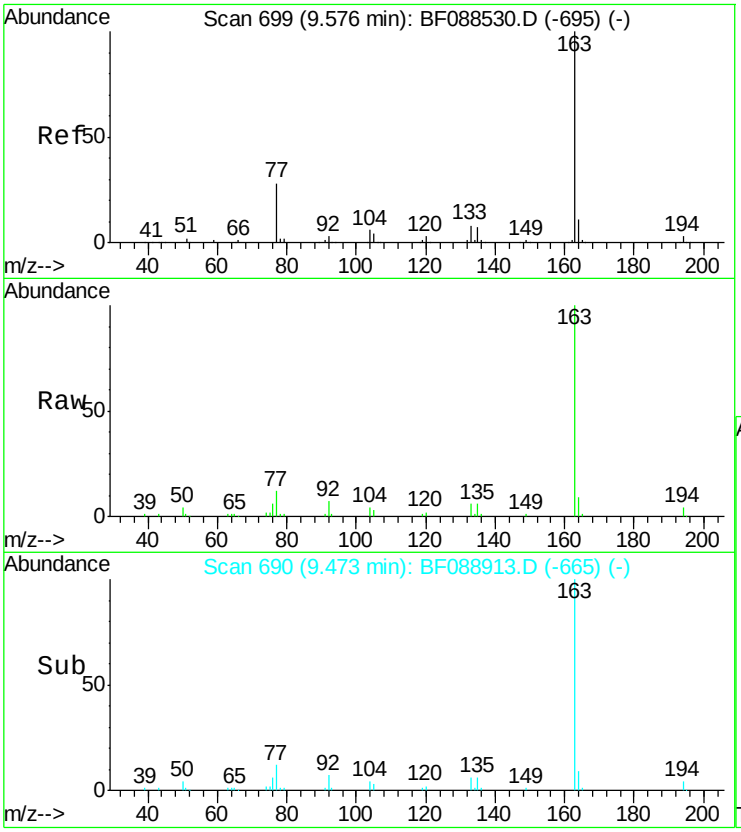


#48
Acenaphthylene
Concen: 0.15 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:152 Resp: 1509

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.2	24.4#
153	0.0	11.0	16.6#

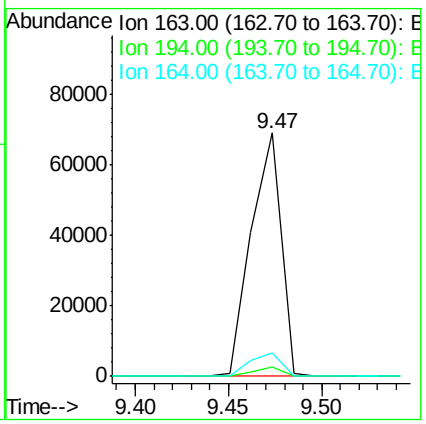




#49
Dimethylphthalate
Concen: 11.17 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:163 Resp: 76208

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.8	4.2
164	9.4	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
N8-B6(0-2)C

Manual Integrations
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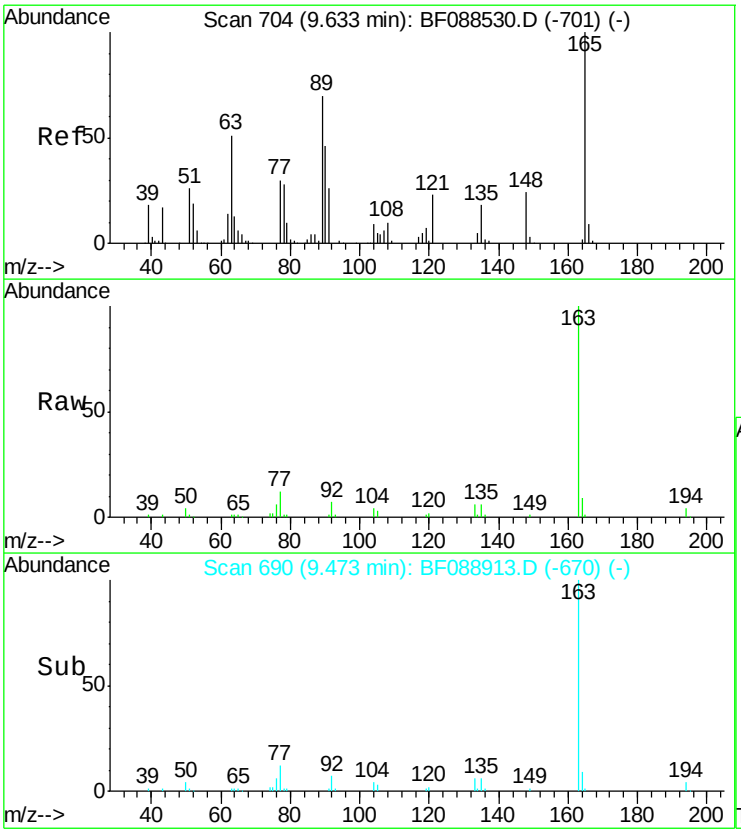
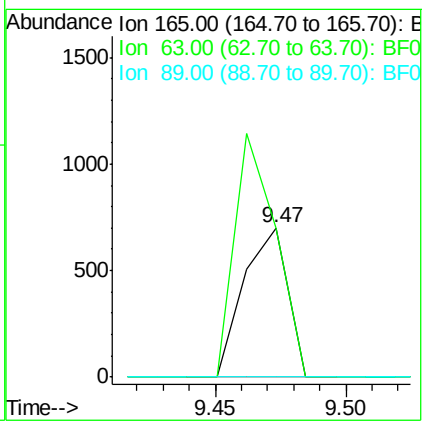
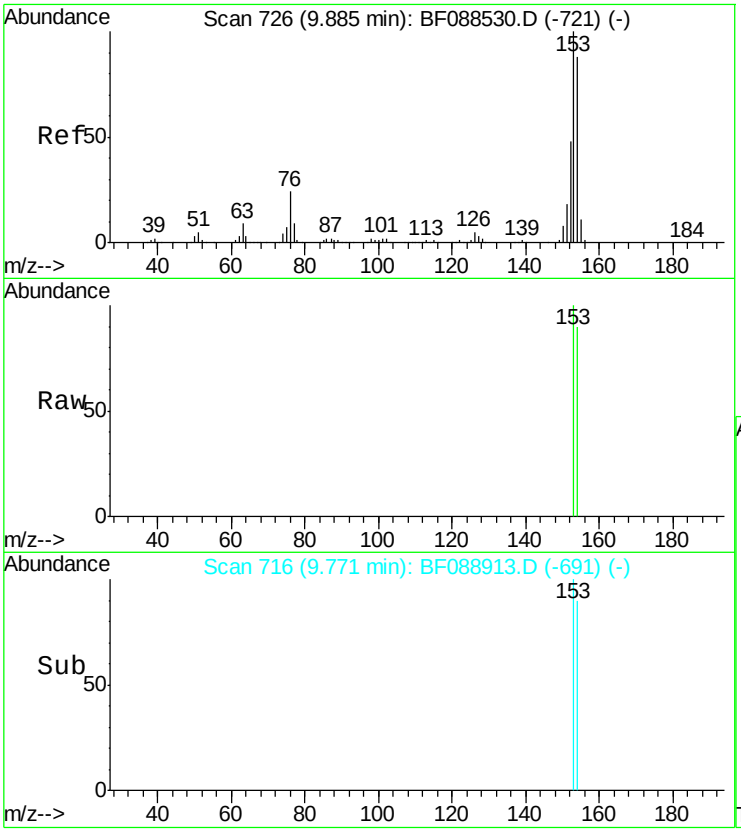


#50
2,6-Dinitrotoluene
Concen: 0.55 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.07 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:165 Resp: 826

Ion	Ratio	Lower	Upper
165	100		
63	100.4	28.1	42.1#
89	0.0	32.2	48.2#

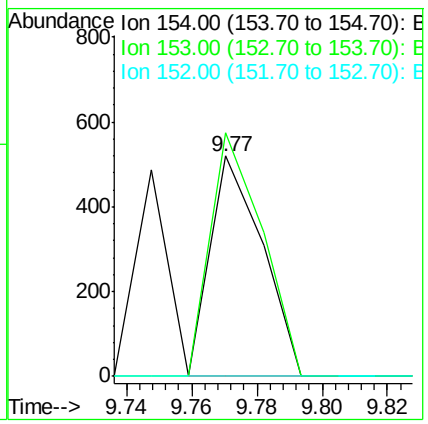




#51
Acenaphthene
Concen: 0.09 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:154 Resp: 568

Ion	Ratio	Lower	Upper
154	100		
153	110.6	89.5	134.3
152	0.0	42.7	64.1#



Instrument :
BNA_F
ClientSampleId :
N8-B6(0-2)C

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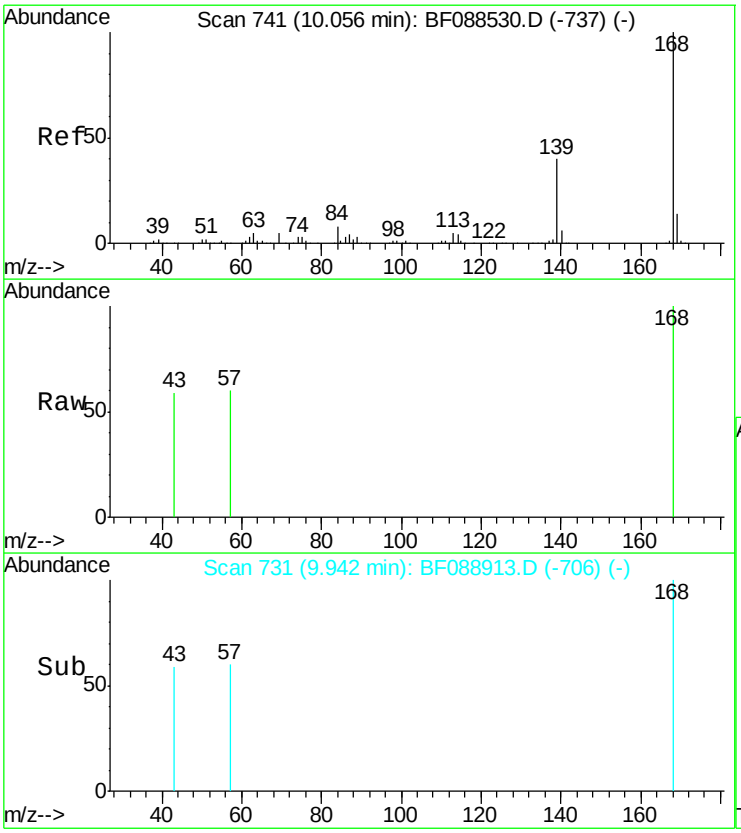
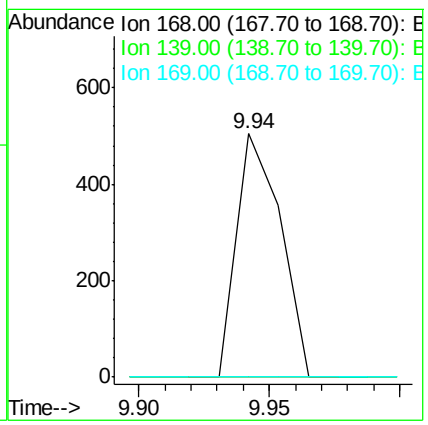
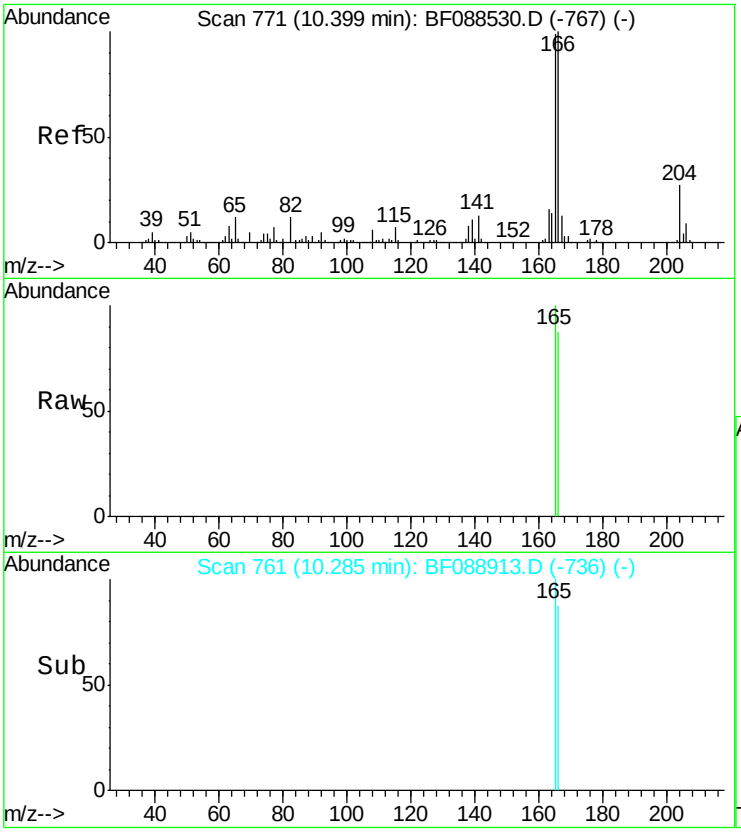


#54
Dibenzofuran
Concen: 0.07 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:168 Resp: 590

Ion	Ratio	Lower	Upper
168	100		
139	0.0	26.4	39.6#
169	0.0	10.4	15.6#

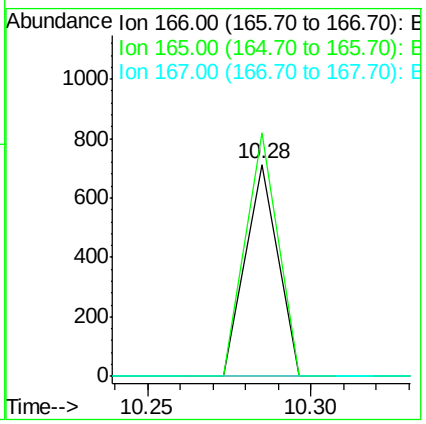




#57
Fluorene
Concen: 0.08 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:166 Resp: 488

Ion	Ratio	Lower	Upper
166	100		
165	115.0	77.8	116.8
167	0.0	11.2	16.8#



Instrument :
BNA_F
ClientSampleId :
N8-B6(0-2)C

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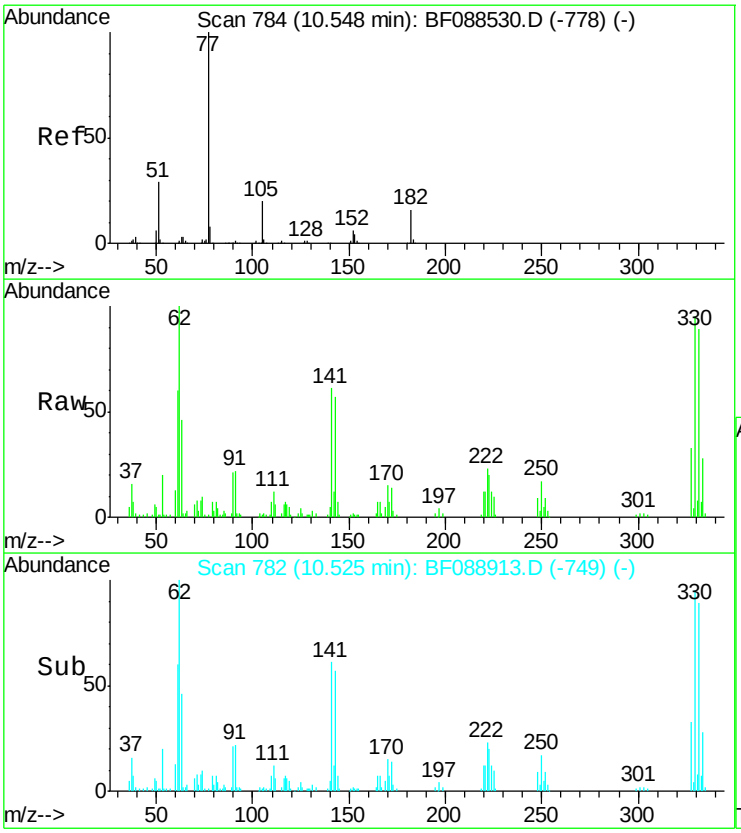
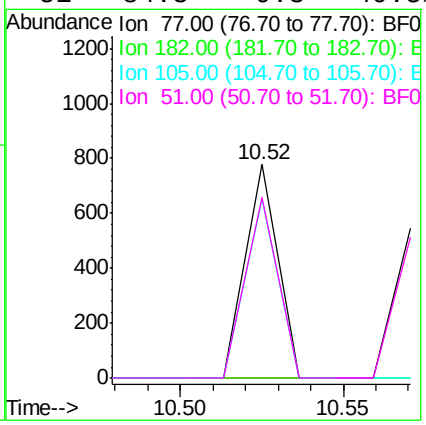
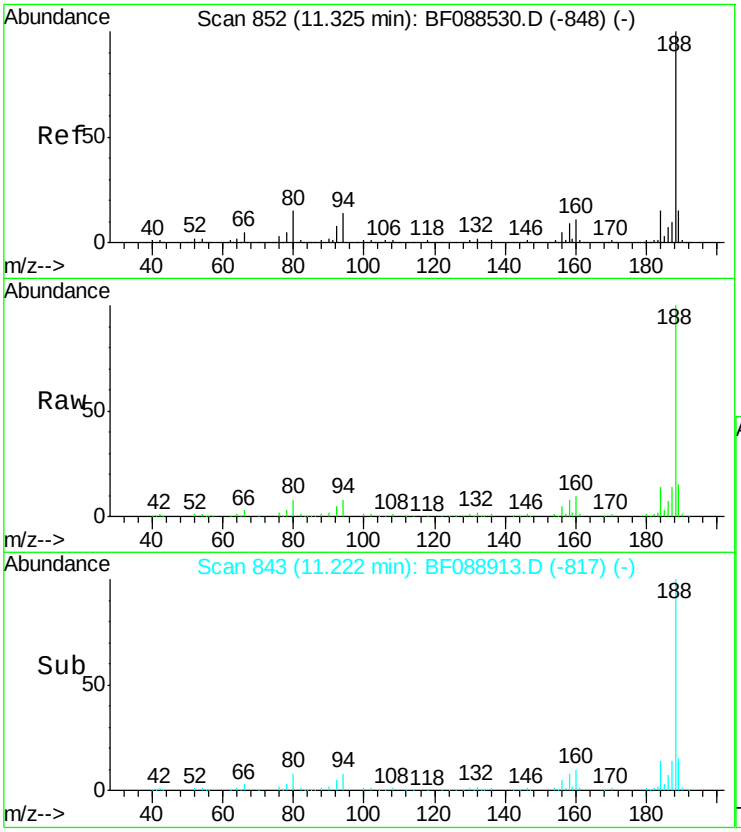


#62
Azobenzene
Concen: 0.07 ng
RT: 10.52 min Scan# 782
Delta R.T. 0.08 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion: 77 Resp: 534

Ion	Ratio	Lower	Upper
77	100		
182	0.0	4.4	44.4#
105	83.8	3.8	43.8#
51	84.3	9.3	49.3#

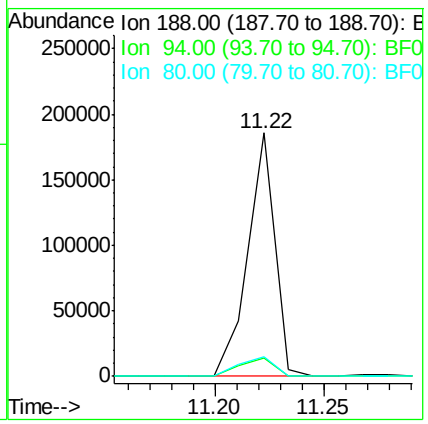




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:188 Resp: 159936

Ion	Ratio	Lower	Upper
188	100		
94	7.8	9.0	13.6#
80	8.2	10.0	15.0#



Instrument :
BNA_F
ClientSampleId :
N8-B6(0-2)C

Manual Integrations
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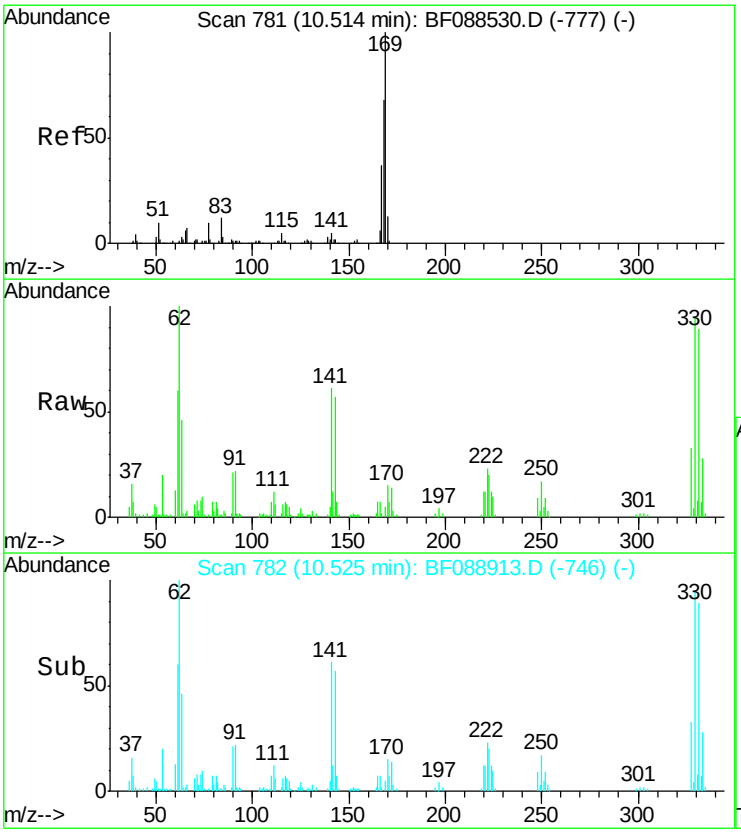
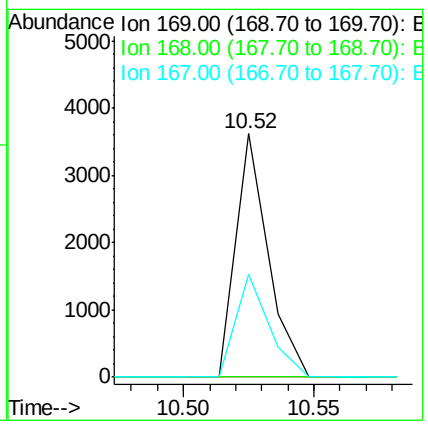
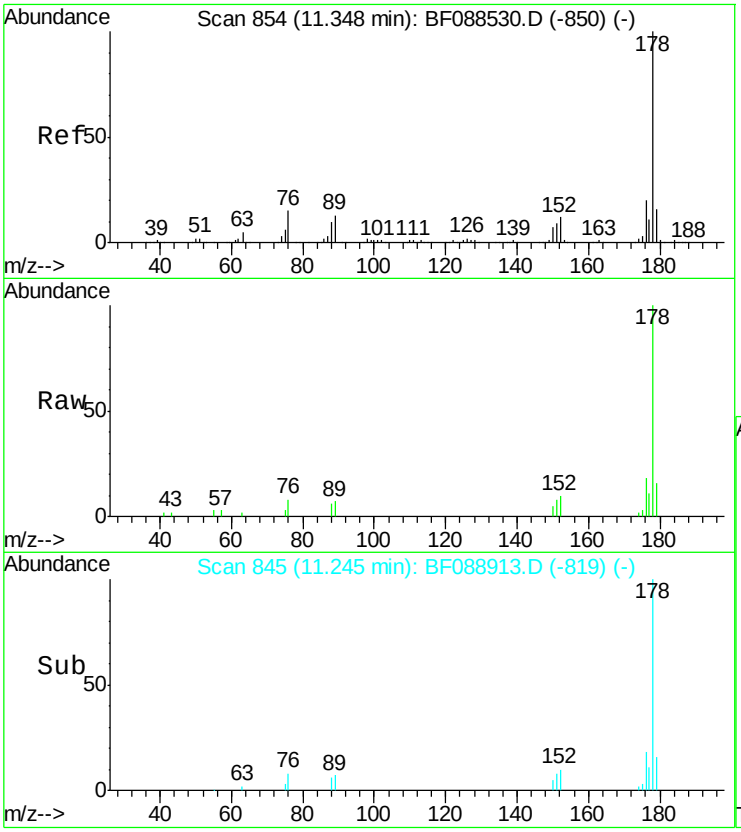


#65
n-Nitrosodiphenylamine
Concen: 0.58 ng
RT: 10.52 min Scan# 782
Delta R.T. 0.11 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:169 Resp: 3126

Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.4	80.0#
167	42.5	29.4	44.0

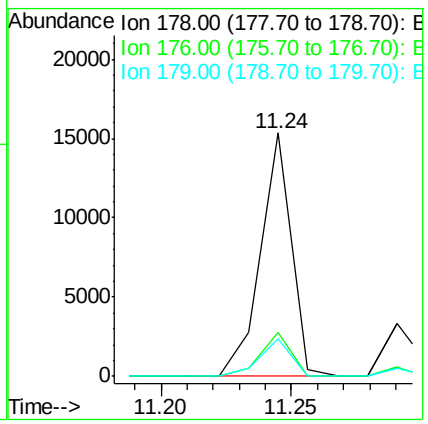




#70
Phenanthrene
Concen: 1.45 ng
RT: 11.24 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:178 Resp: 12696

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.6
179	15.6	13.0	19.4



Instrument :
BNA_F
ClientSampleId :
N8-B6(0-2)C

Manual Integrations
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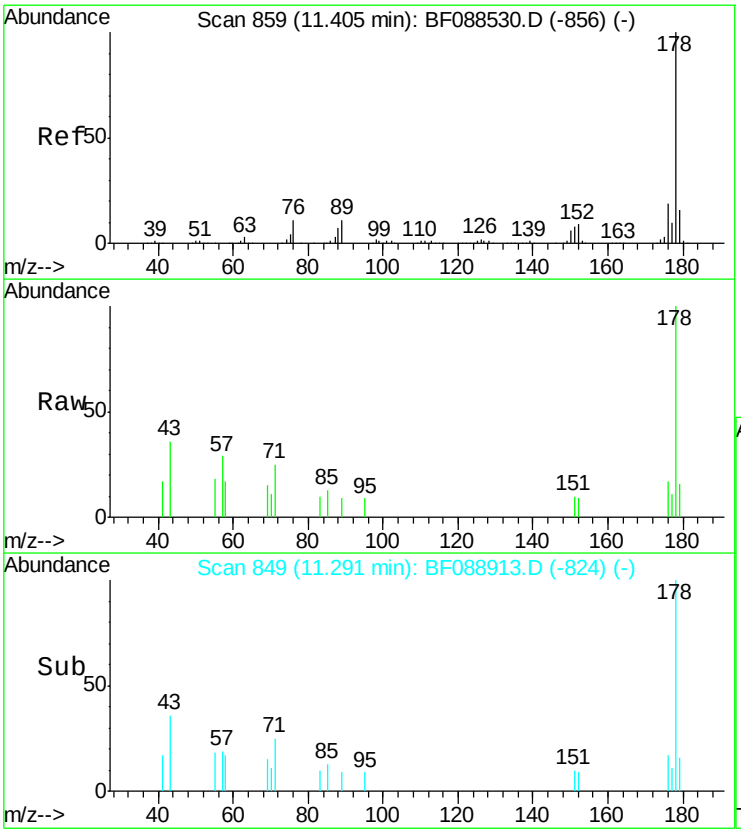
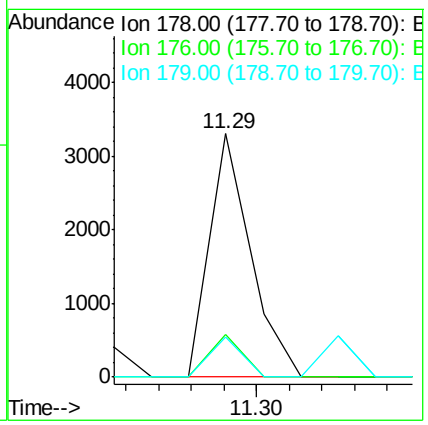
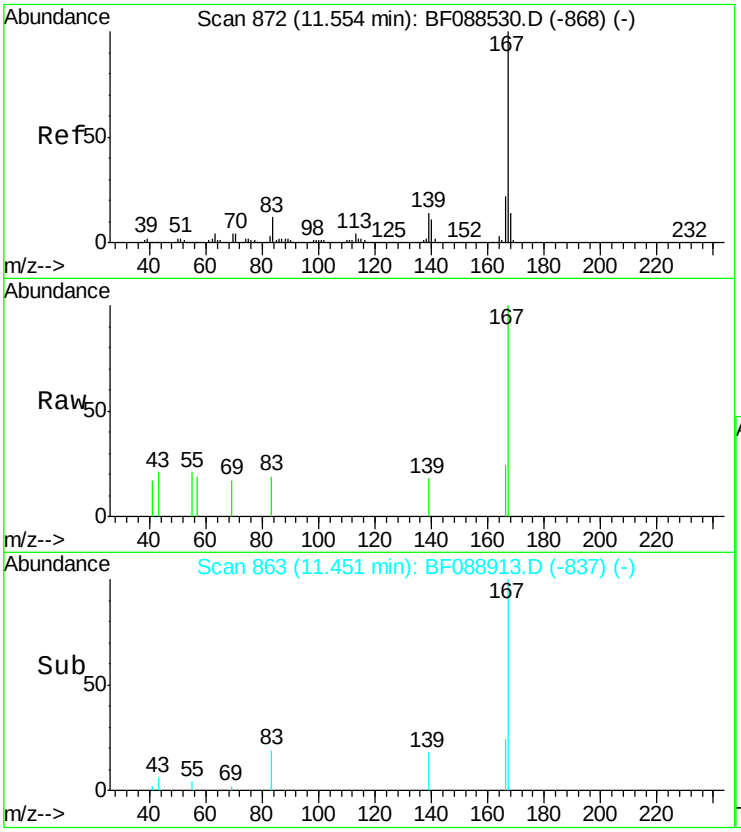


#71
Anthracene
Concen: 0.33 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:178 Resp: 2864

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.6	23.4
179	16.2	12.8	19.2

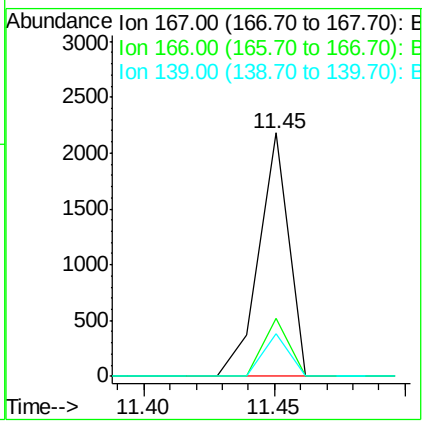




#72
Carbazole
Concen: 0.21 ng
RT: 11.45 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:167 Resp: 1747

Ion	Ratio	Lower	Upper
167	100		
166	23.7	17.8	26.6
139	17.7	11.2	16.8#



Instrument :
BNA_F
ClientSampleId :
N8-B6(0-2)C

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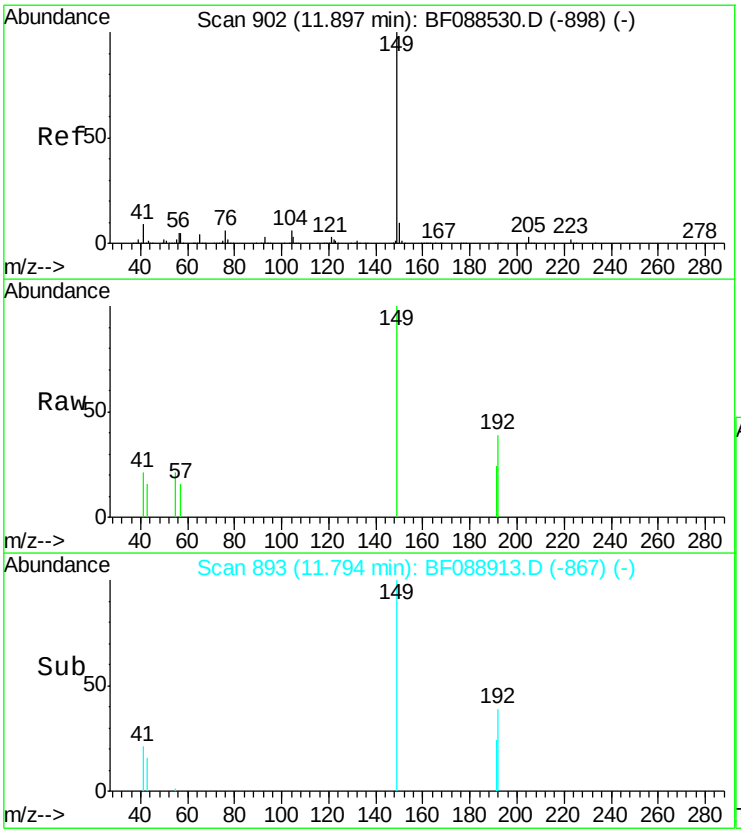
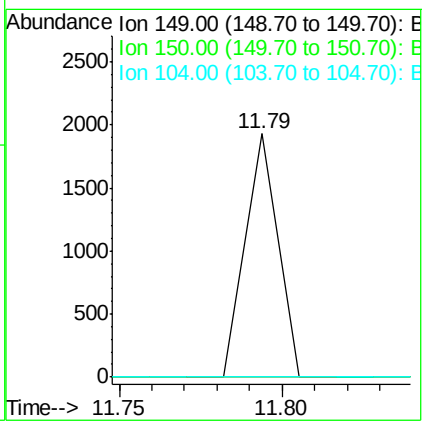
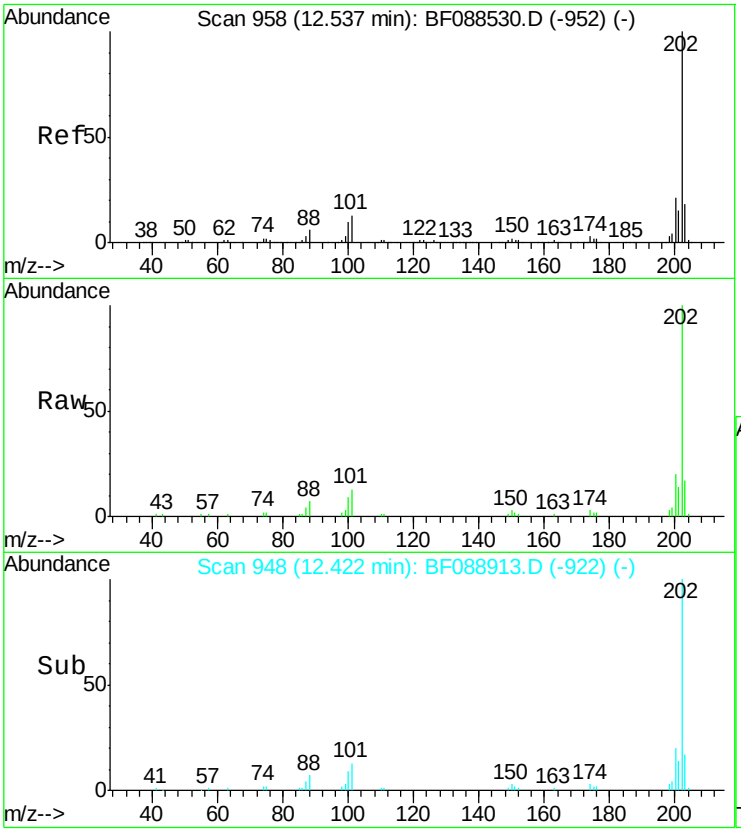


#73
Di-n-butylphthalate
Concen: 0.14 ng
RT: 11.79 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:149 Resp: 1324

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.8	11.6#
104	0.0	4.0	6.0#

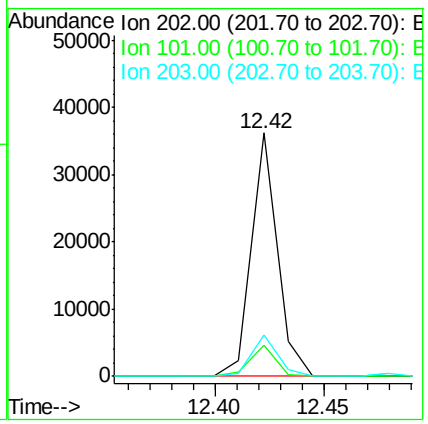




#74
Fluoranthene
Concen: 3.38 ng
RT: 12.42 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:202 Resp: 29949

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.1
203	17.1	0.0	38.1



Instrument :
BNA_F
ClientSampleId :
N8-B6(0-2)C

Manual Integrations
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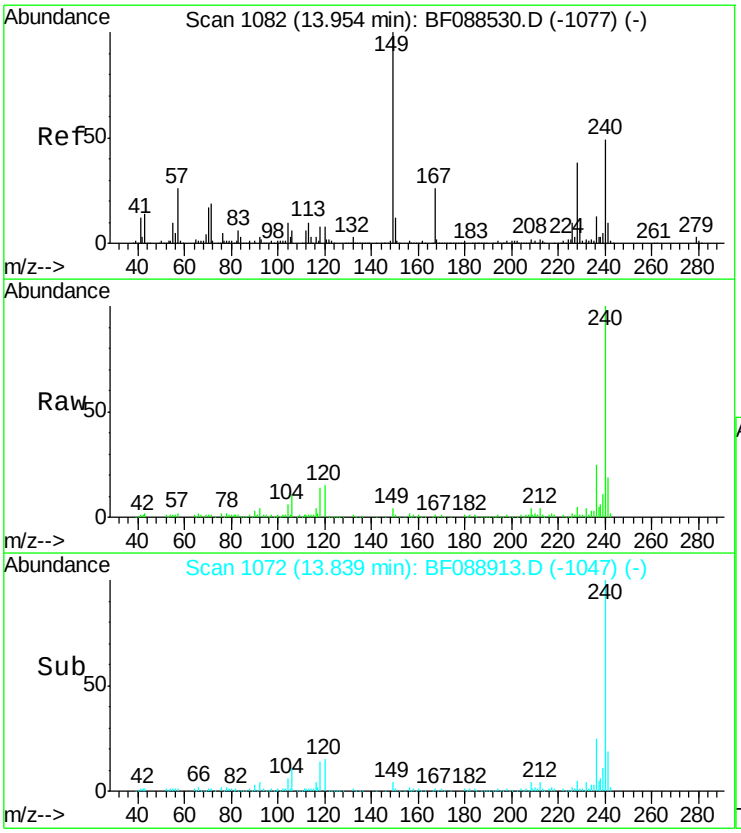
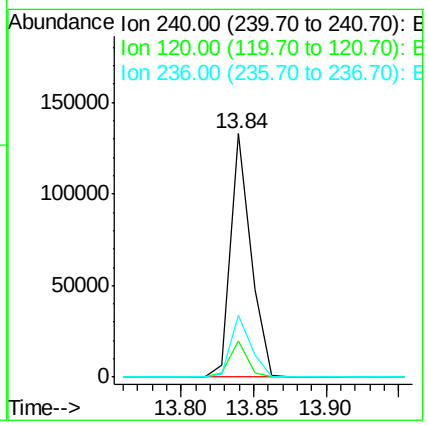
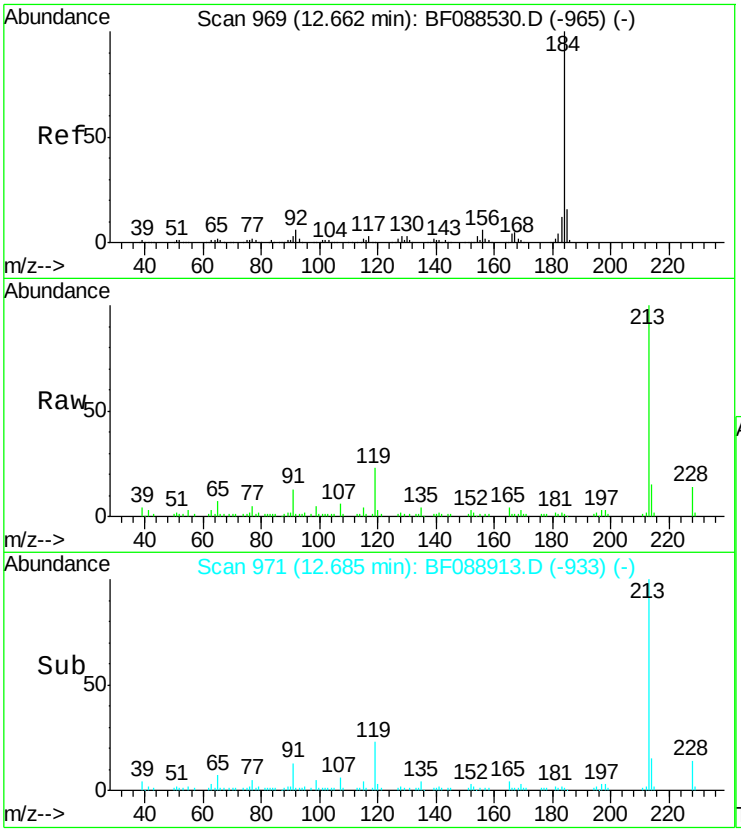


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:240 Resp: 130070

Ion	Ratio	Lower	Upper
240	100		
120	14.7	6.8	10.2#
236	25.4	20.2	30.2

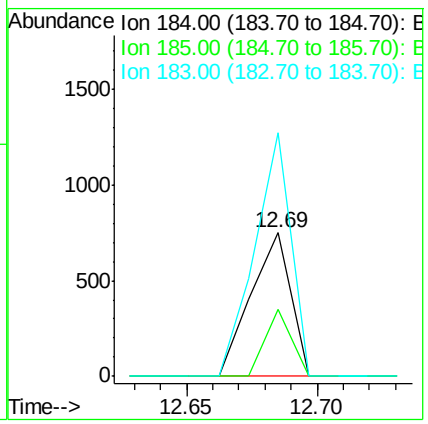




#76
Benzidine
Concen: 0.12 ng
RT: 12.69 min Scan# 971
Delta R.T. 0.14 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:184 Resp: 790

Ion	Ratio	Lower	Upper
184	100		
185	47.1	12.5	18.7#
183	169.6	9.3	13.9#



Instrument :
BNA_F
ClientSampleId :
N8-B6(0-2)C

Manual Integrations
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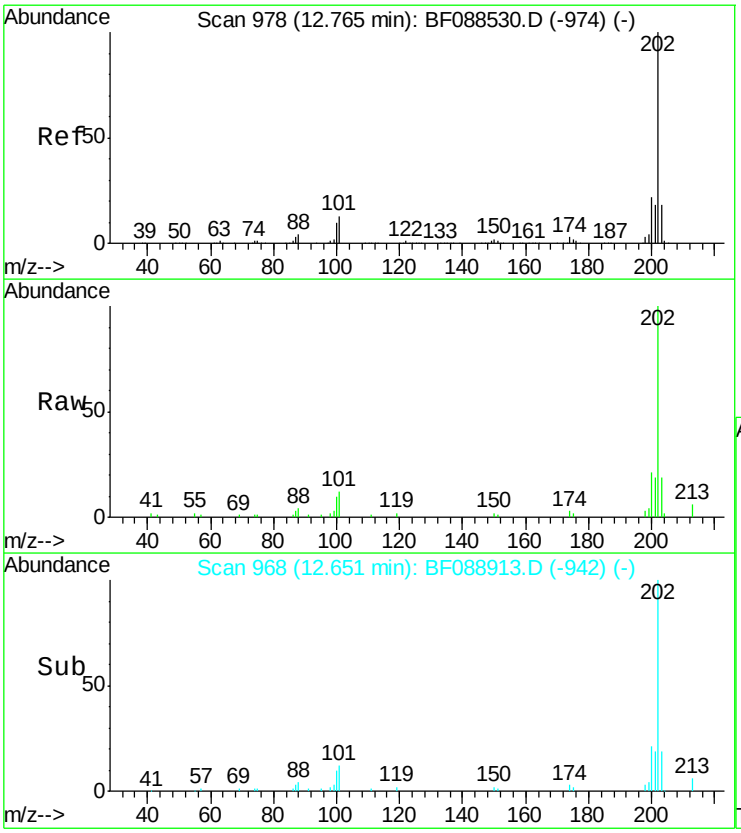
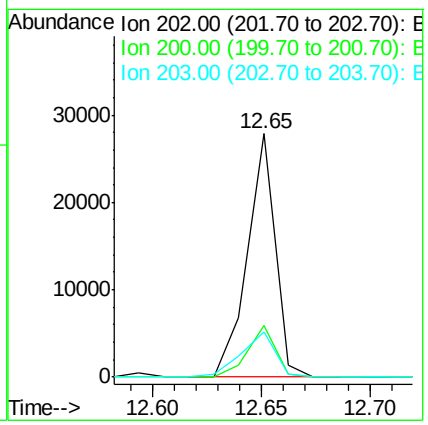
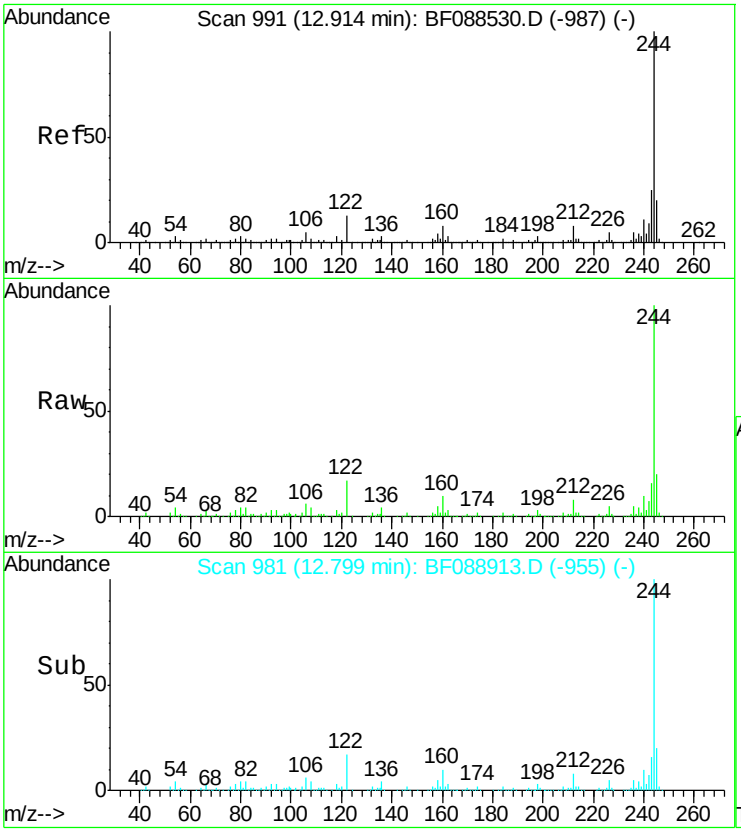


#77
Pyrene
Concen: 2.24 ng
RT: 12.65 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:202 Resp: 24679

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	18.7	14.5	21.7

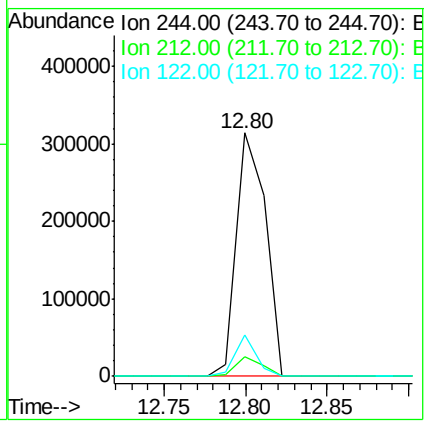




#78
Terphenyl-d14
Concen: 66.40 ng
RT: 12.80 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:244 Resp: 387742

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.0	9.0
122	17.2	11.2	16.8#



Instrument :
BNA_F
ClientSampleId :
N8-B6(0-2)C

Manual Integrations
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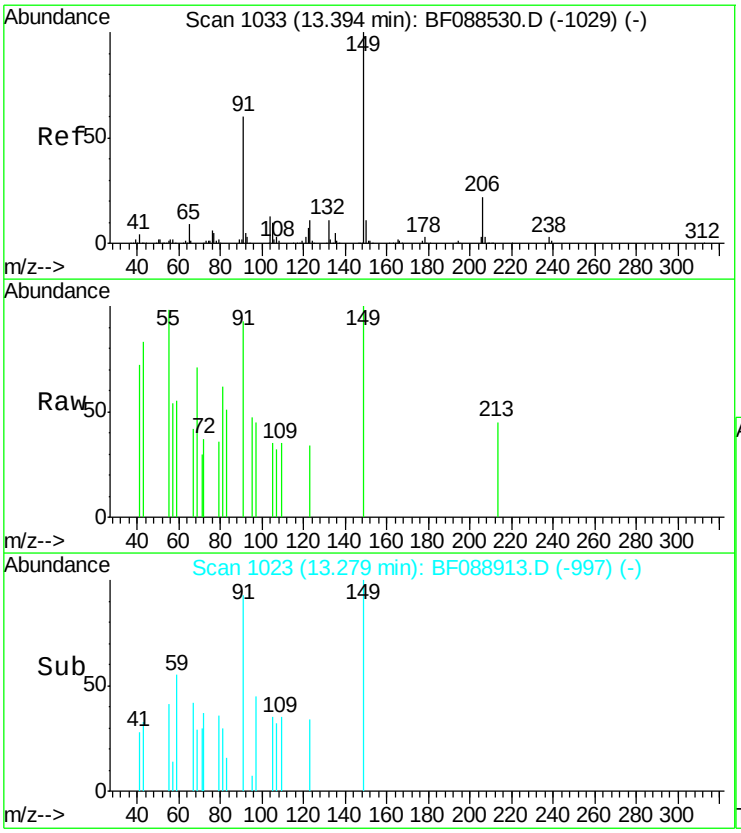
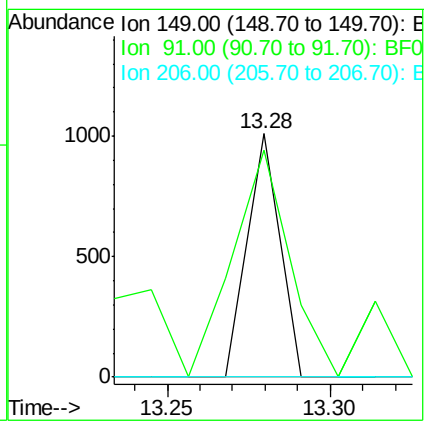
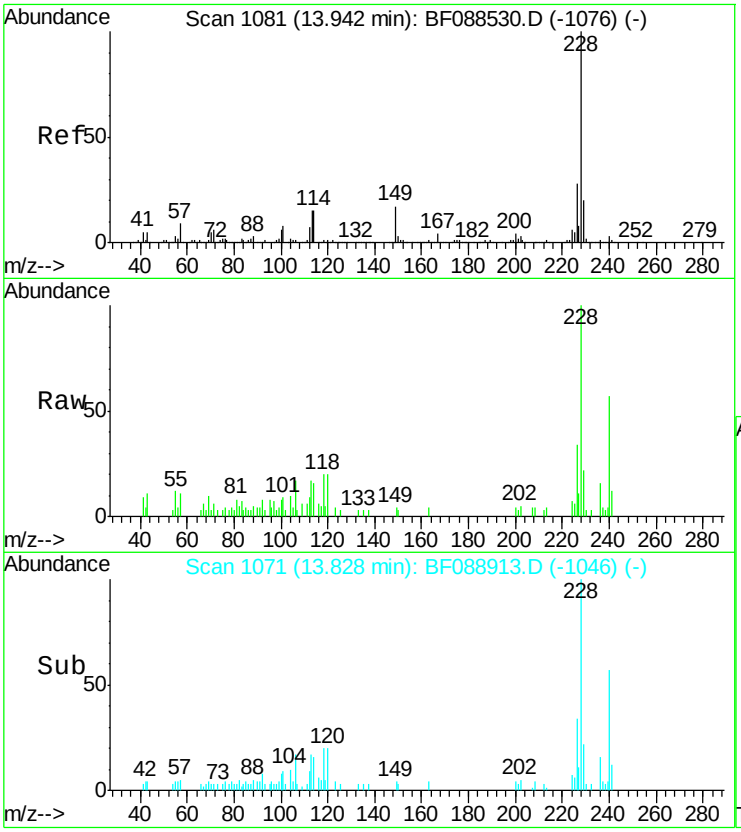


#79
Butylbenzylphthalate
Concen: 0.14 ng
RT: 13.28 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:149 Resp: 693

Ion	Ratio	Lower	Upper
149	100		
91	93.4	48.0	72.0#
206	0.0	16.0	24.0#

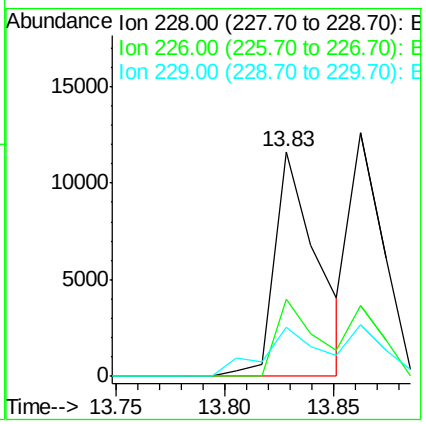




#80
Benzo(a)anthracene
Concen: 1.92 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:228 Resp: 16071

Ion	Ratio	Lower	Upper
228	100		
226	34.3	22.3	33.5#
229	21.6	16.0	24.0



Instrument :
BNA_F
ClientSampleId :
N8-B6(0-2)C

Manual Integrations
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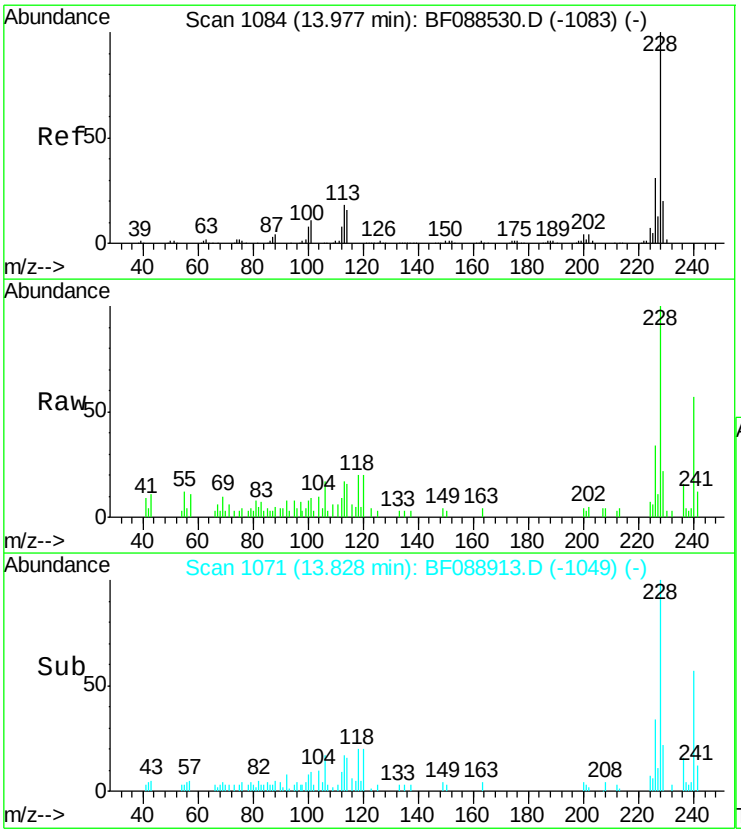
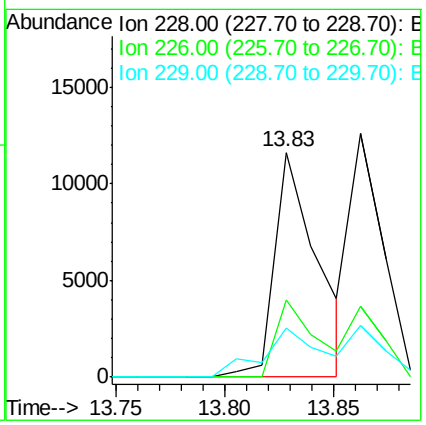
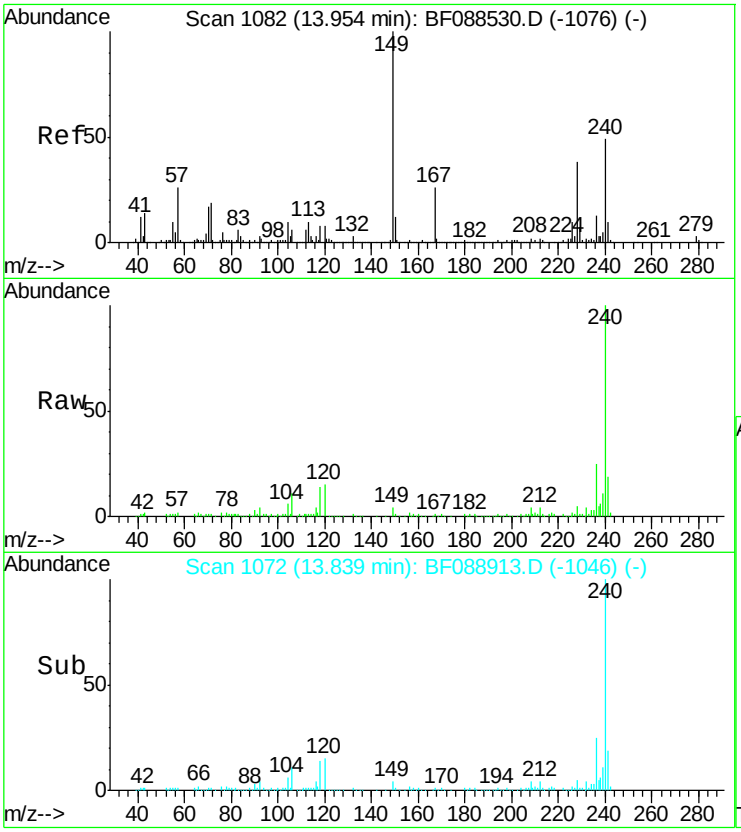


#82
Chrysene
Concen: 1.94 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.05 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:228 Resp: 16071

Ion	Ratio	Lower	Upper
228	100		
226	34.3	25.4	38.2
229	21.6	16.3	24.5





#83
Bis(2-ethylhexyl)phthalate
Concen: 1.12 ng
RT: 13.84 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:149 Resp: 6281

Ion	Ratio	Lower	Upper
149	100		
167	25.2	20.5	30.7
279	0.0	2.0	3.0#

Instrument :
BNA_F
ClientSampleId :
N8-B6(0-2)C

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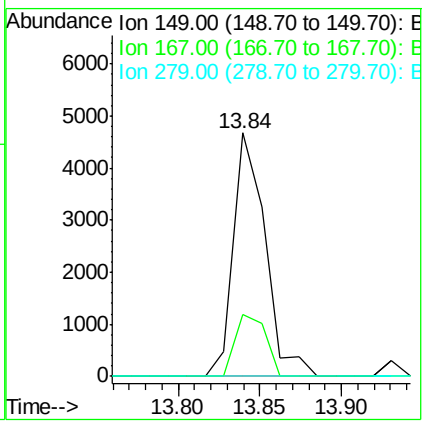
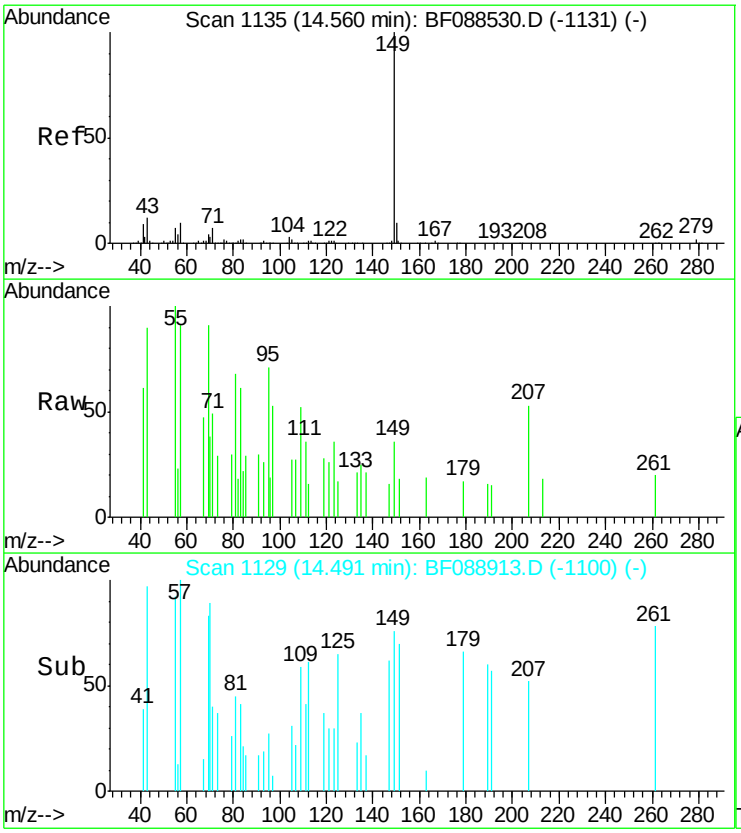
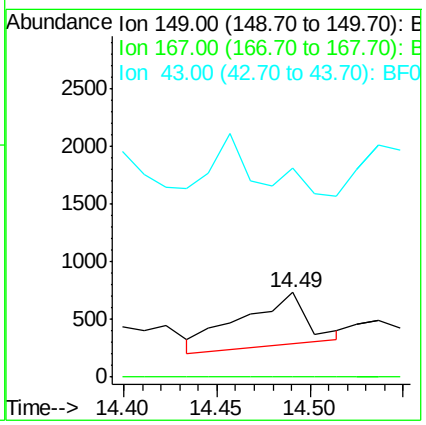


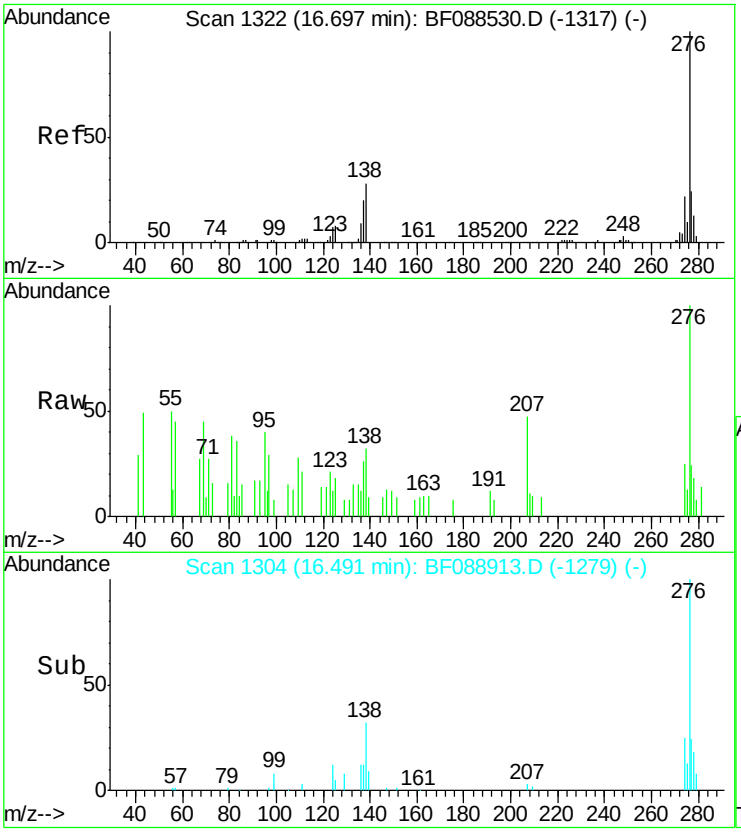


#84
Di-n-octyl phthalate
Concen: 0.12 ng
RT: 14.49 min Scan# 1129
Delta R.T. 0.03 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:149 Resp: 1147

Ion	Ratio	Lower	Upper
149	100		
167	0.0	0.0	0.0
43	0.0	0.0	0.0

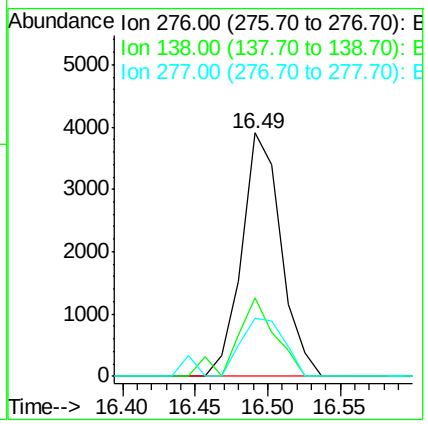




#85
Indeno(1,2,3-cd)pyrene
Concen: 1.15 ng
RT: 16.49 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:276 Resp: 7328

Ion	Ratio	Lower	Upper
276	100		
138	31.4	0.0	0.0#
277	26.1	0.0	0.0#



Instrument :
BNA_F
ClientSampleId :
N8-B6(0-2)C

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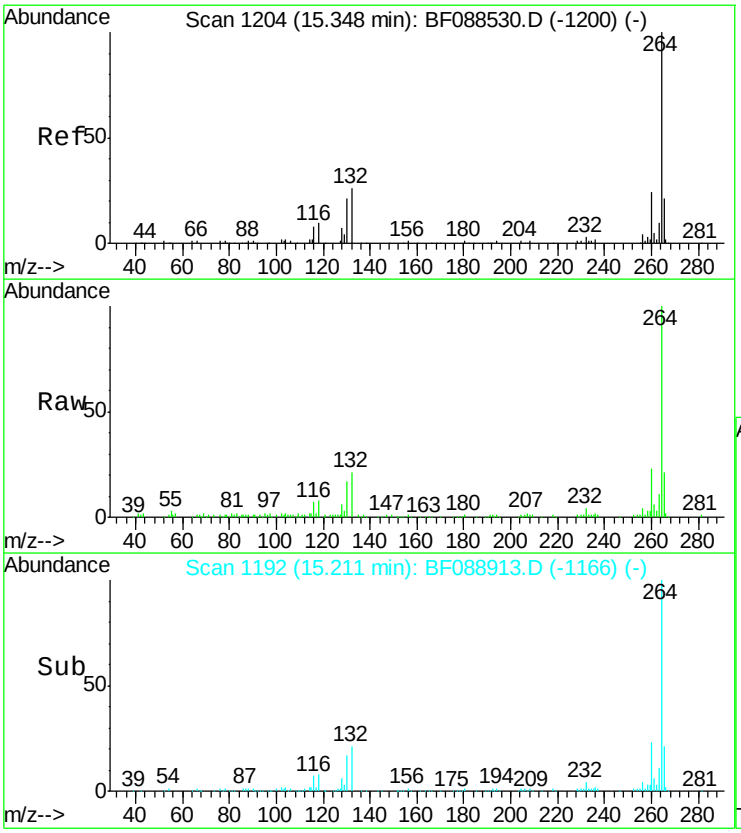
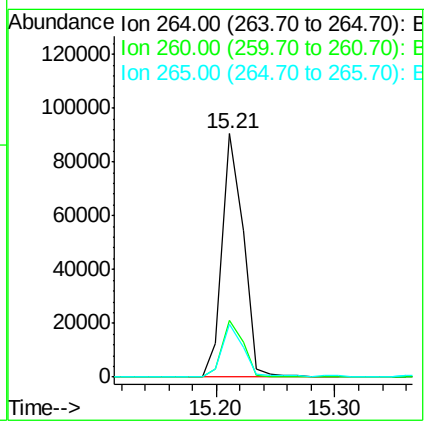
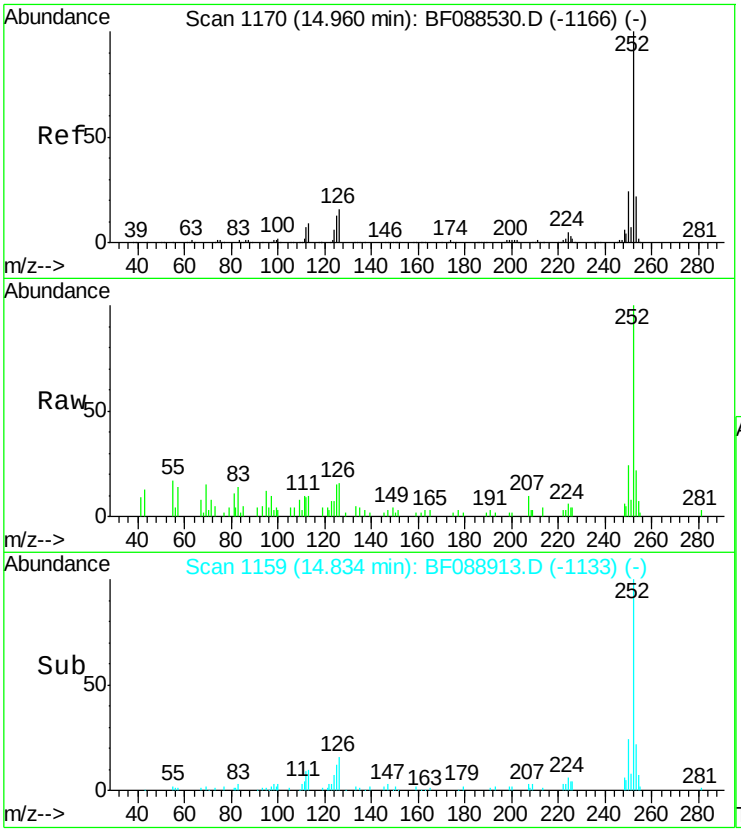


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:264 Resp: 111507

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.5	16.9	25.3

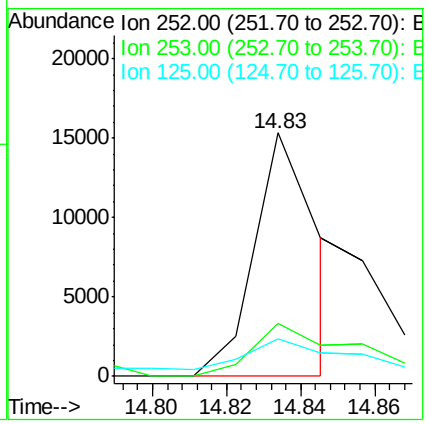




#87
Benzo(b)fluoranthene
Concen: 2.60 ng m
RT: 14.83 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:252 Resp: 18215

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	15.5	7.1	10.7#



Instrument :
BNA_F
ClientSampleId :
N8-B6(0-2)C

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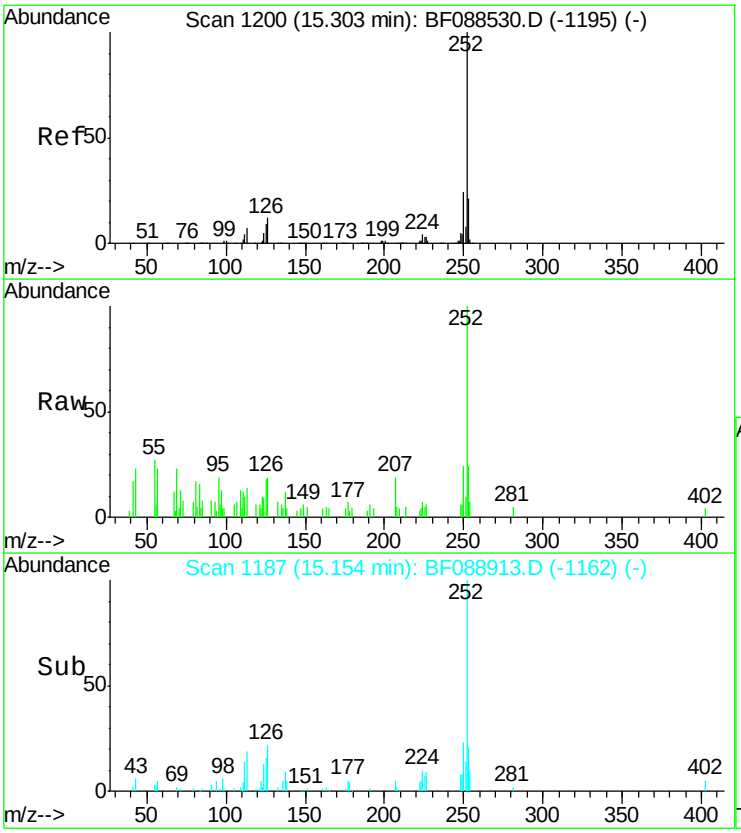
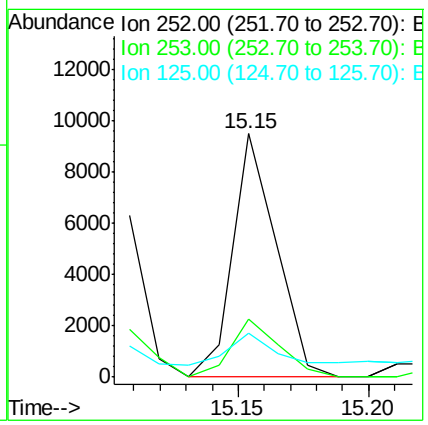
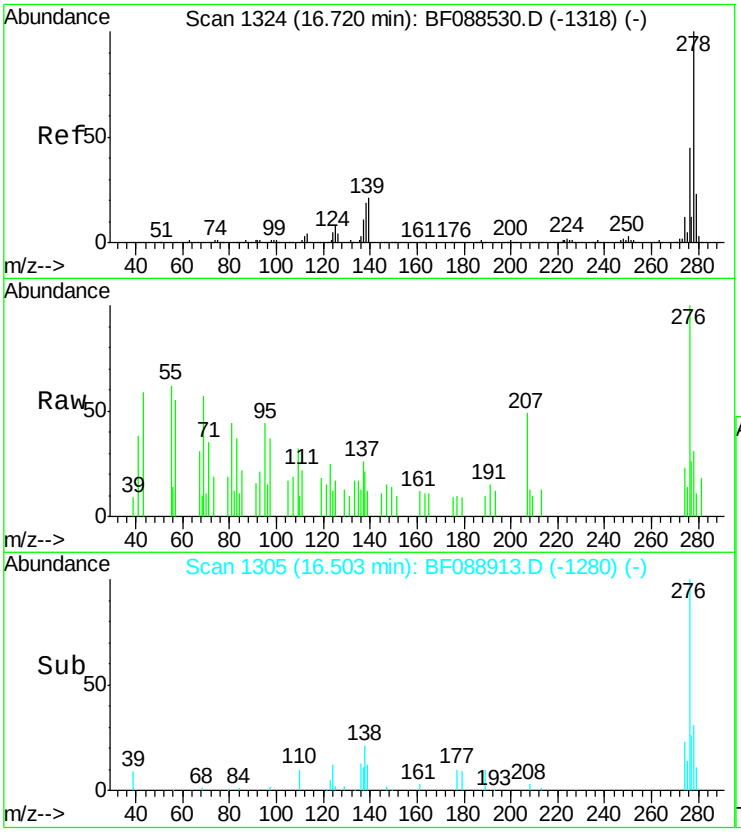


#89
Benzo(a)pyrene
Concen: 1.87 ng
RT: 15.15 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:252 Resp: 11082

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	17.9	12.5	18.7

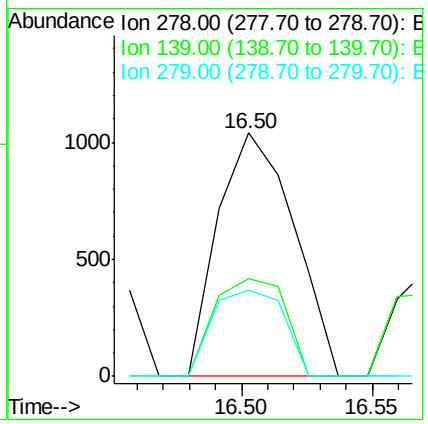




#90
Dibenzo(a,h)anthracene
Concen: 0.42 ng
RT: 16.50 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:278 Resp: 2100

Ion	Ratio	Lower	Upper
278	100		
139	40.2	15.7	23.5#
279	35.2	19.4	29.2#



Instrument :
BNA_F
ClientSampleId :
N8-B6(0-2)C

Manual Integrations
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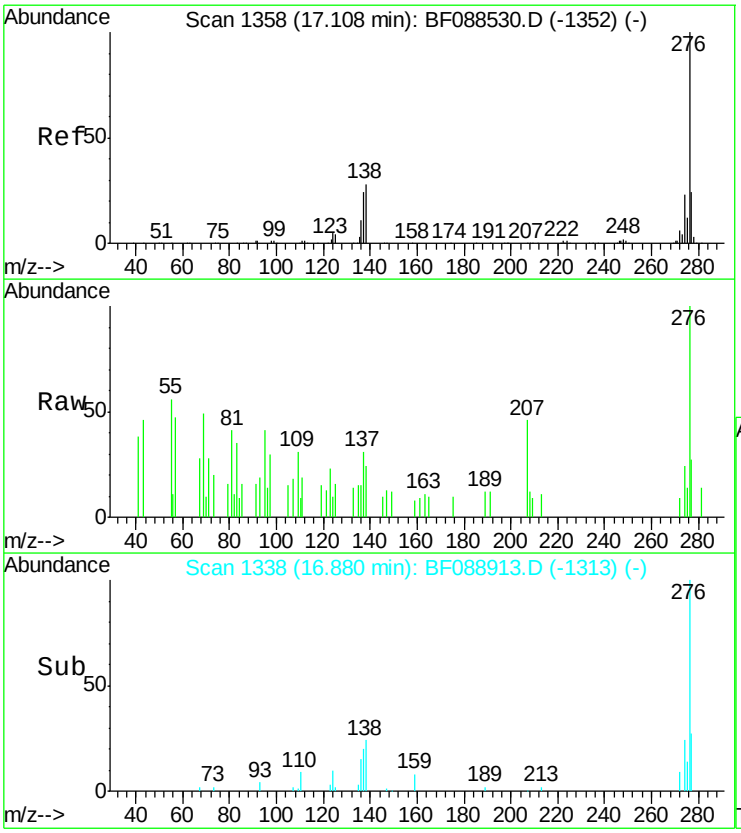

#91
Benzo(g,h,i)perylene
Concen: 1.40 ng
RT: 16.88 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF088913.D
Acq: 11 Jul 2016 21:51

Tgt Ion:276 Resp: 7154

Ion	Ratio	Lower	Upper
276	100		
277	26.7	18.9	28.3
138	24.4	21.4	32.2