Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088911.D
Acq On : 11 Jul 2016 20:52
Operator : UM/SJ
Sample : H3921-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N8-B4(0-5)C

Manual Integrations APPROVED
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7/12/2016 7:35:56 PM

Quant Time: Jul 12 03:08:49 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	68872	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	291698	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	123730	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	205725	20.00	ng		0.00
75) Chrysene-d12	13.84	240	138672	20.00	ng		-0.01
86) Perylene-d12	15.22	264	121807	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	496825	108.11	ng		0.02
7) Phenol-d6	6.35	99	628928	105.92	ng		0.00
23) Nitrobenzene-d5	7.28	82	406413	73.01	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	137253	119.46	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	600115	76.61	ng		0.00
78) Terphenyl-d14	12.81	244	470010	75.49	ng		0.01
Target Compounds							Qvalue
6) Aniline	6.48	93	541	0.06	ng	#	1
9) Benzaldehyde	6.35	77	815	0.20	ng	#	1
10) Phenol	6.36	94	5411	0.80	ng	#	1
11) bis(2-Chloroethyl)ether	6.48	93	541	0.11	ng	#	1
15) Benzyl Alcohol	6.87	79	7613	1.74	ng	#	49
17) 2-Methylphenol	6.86	107	226	0.06	ng	#	1
22) Acetophenone	7.12	105	567	0.08	ng	#	57
24) Nitrobenzene	7.28	77	1254	0.22	ng	#	30
31) Naphthalene	8.02	128	1727	0.12	ng	#	68
37) 2-Methylnaphthalene	8.71	142	808	0.09	ng	#	86
45) 1,1'-Biphenyl	9.18	154	256	0.02	ng	#	43
47) 2-Nitroaniline	9.46	65	1145	0.40	ng	#	1
48) Acenaphthylene	9.60	152	2686	0.21	ng		95
49) Dimethylphthalate	9.47	163	103530	11.74	ng		97
50) 2,6-Dinitrotoluene	9.47	165	1123	0.57	ng	#	11
51) Acenaphthene	9.77	154	1104	0.14	ng	#	78
54) Dibenzofuran	9.94	168	974	0.09	ng	#	61
55) 4-Nitrophenol	9.94	139	322	0.17	ng	#	5
57) Fluorene	10.28	166	1116	0.14	ng	#	92
59) Diethylphthalate	10.17	149	311	0.04	ng	#	60
61) 4-Nitroaniline	10.39	138	309	0.13	ng	#	1
62) Azobenzene	10.39	77	2559	0.25	ng	#	41
65) n-Nitrosodiphenylamine	10.52	169	4260	0.61	ng	#	48
70) Phenanthrene	11.24	178	24666	2.19	ng		96
71) Anthracene	11.29	178	6246	0.56	ng		98
72) Carbazole	11.45	167	3516	0.33	ng		99
73) Di-n-butylphthalate	11.79	149	3223	0.26	ng	#	93
74) Fluoranthene	12.42	202	55323	4.85	ng		98
76) Benzidine	12.69	184	1395	0.20	ng	#	1
77) Pyrene	12.65	202	46775	3.98	ng		98
79) Butylbenzylphthalate	13.28	149	5795	1.10	ng	#	81
80) Benzo(a)anthracene	13.83	228	30485	3.41	ng		95
82) Chrysene	13.86	228	24255m	2.75	ng		
83) Bis(2-ethylhexyl)phthalate	13.84	149	14276	2.38	ng		99

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Misc :
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Instrument :
BNA_F
ClientSampleId :
N8-B4(0-5)C

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Quant Time: Jul 12 03:08:49 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	14.46	149	1162	0.11	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.50	276	17098	2.52	ng	#	100
87) Benzo(b)fluoranthene	14.83	252	36144m	4.73	ng		
88) Benzo(k)fluoranthene	14.85	252	15501m	2.33	ng		
89) Benzo(a)pyrene	15.15	252	22879	3.54	ng	#	91
90) Dibenzo(a,h)anthracene	16.50	278	4690	0.87	ng	#	70
91) Benzo(g,h,i)perylene	16.88	276	17750	3.18	ng		96

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

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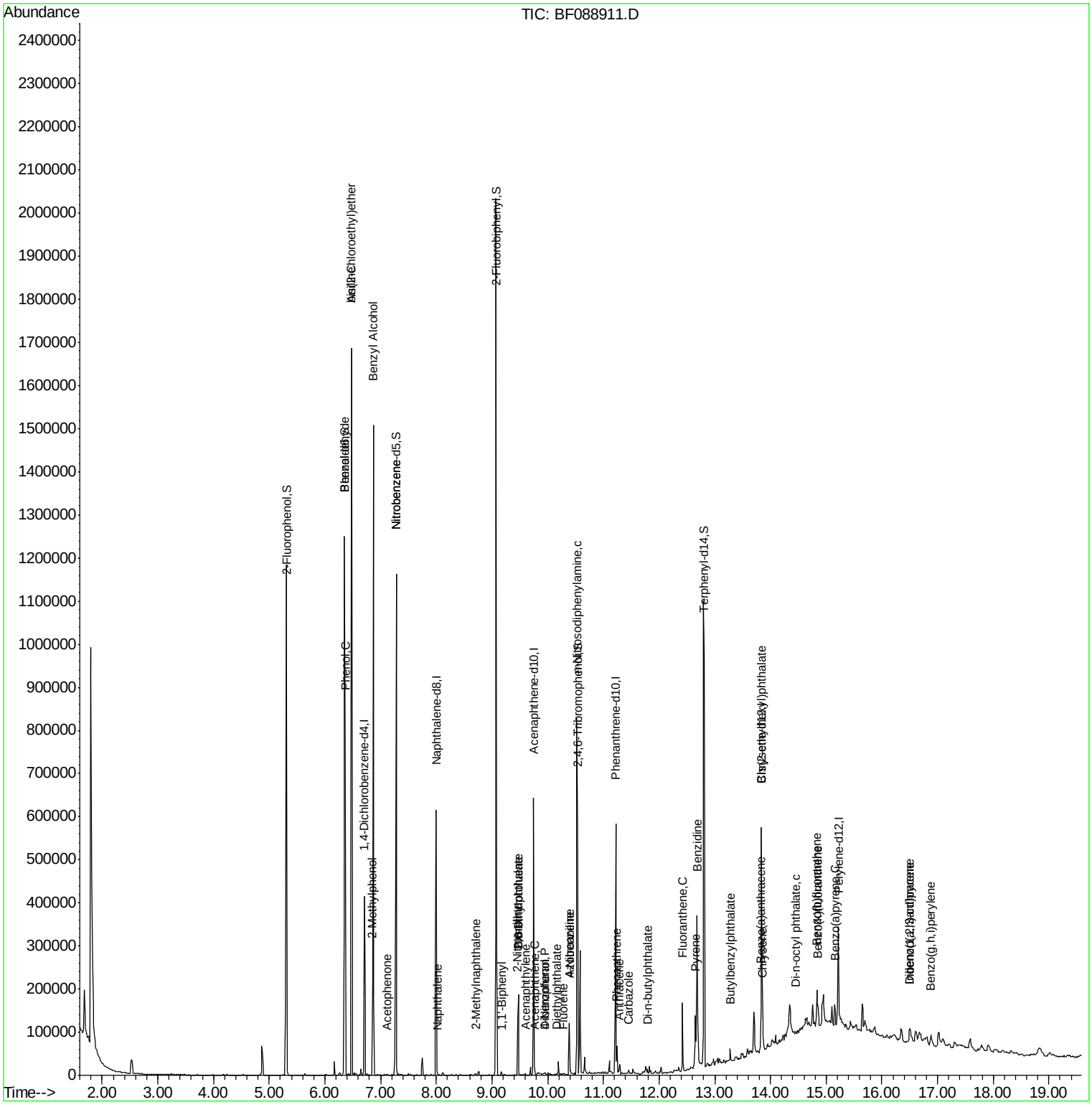
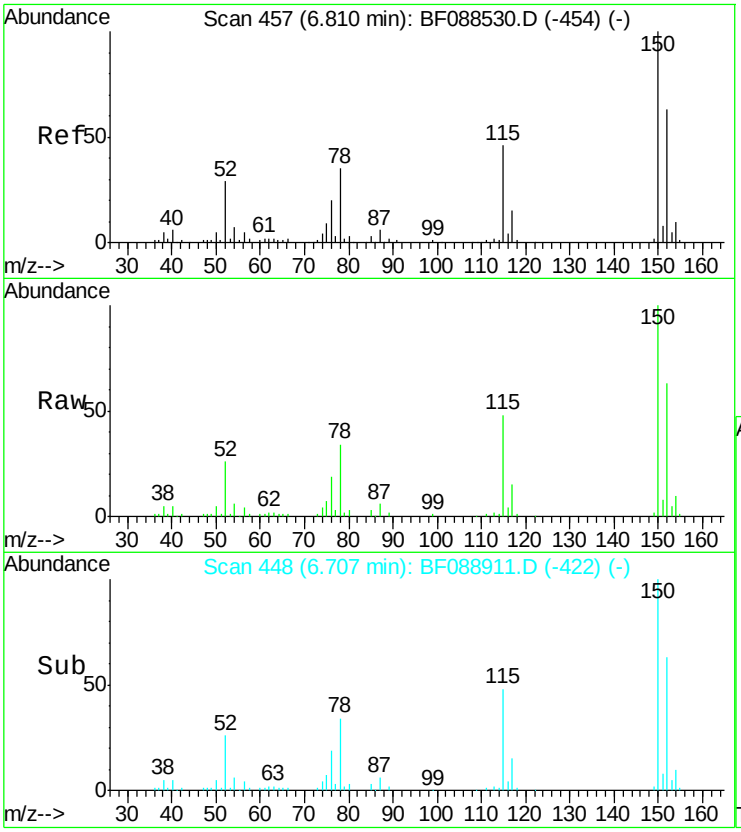
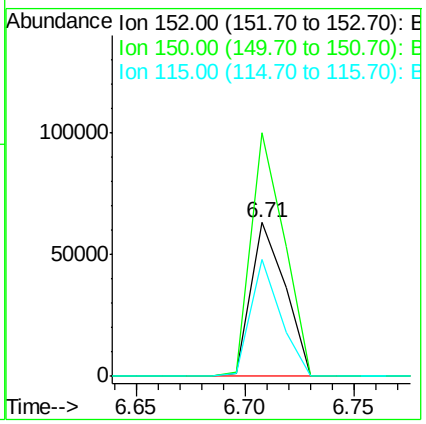




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:152 Resp: 68872

Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.8	185.6
115	76.0	39.6	59.4#



Instrument :
BNA_F
ClientSampleId :
N8-B4(0-5)C

Manual Integrations
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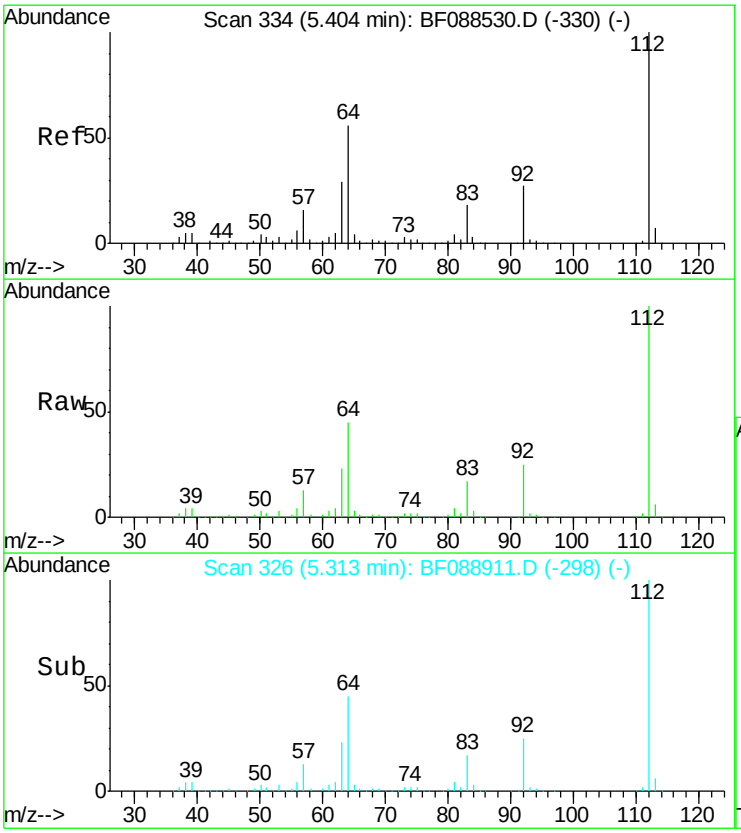
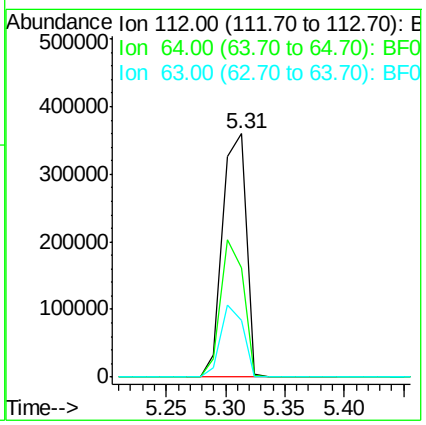
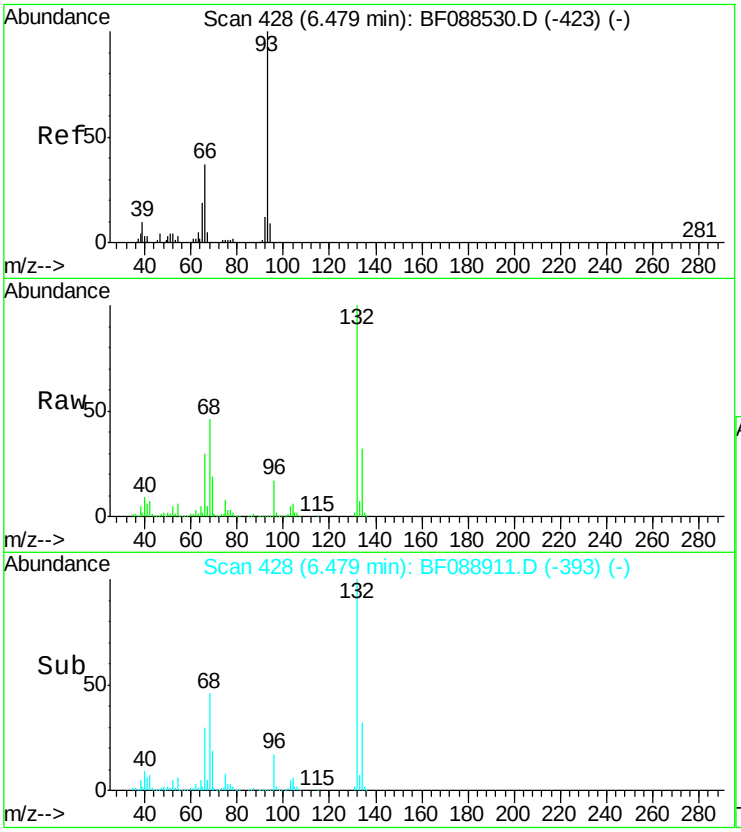


#5
2-Fluorophenol
Concen: 108.11 ng
RT: 5.31 min Scan# 326
Delta R.T. 0.02 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:112 Resp: 496825

Ion	Ratio	Lower	Upper
112	100		
64	44.6	42.2	63.2
63	23.4	21.8	32.8





#6
Aniline
Concen: 0.06 ng
RT: 6.48 min Scan# 428
Delta R.T. 0.10 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion: 93 Resp: 541

Ion	Ratio	Lower	Upper
93	100		
66	17275.1	29.8	44.[illegible]
65	1393.7	14.9	22.3[illegible]

Instrument :
BNA_F
ClientSampleId :
N8-B4(0-5)C

Manual Integrations
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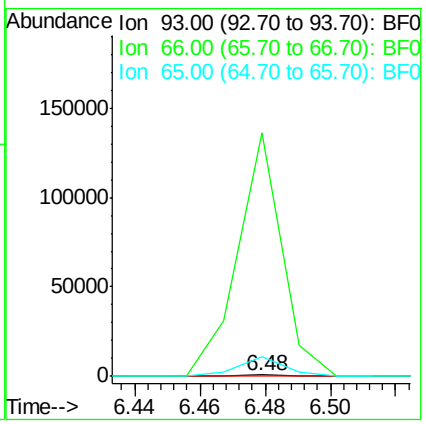
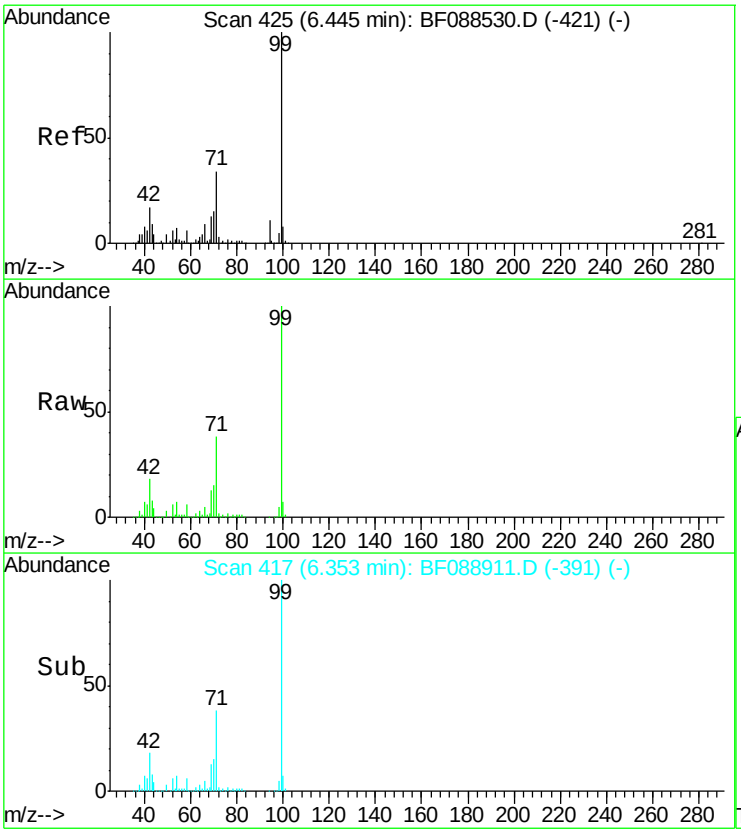
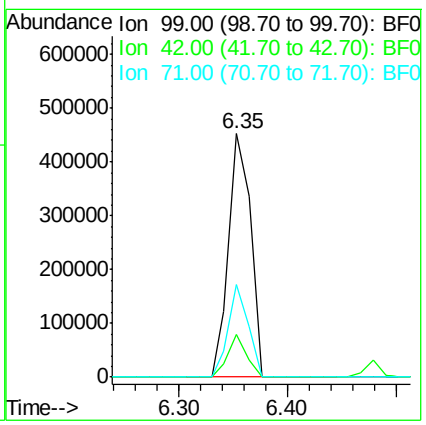


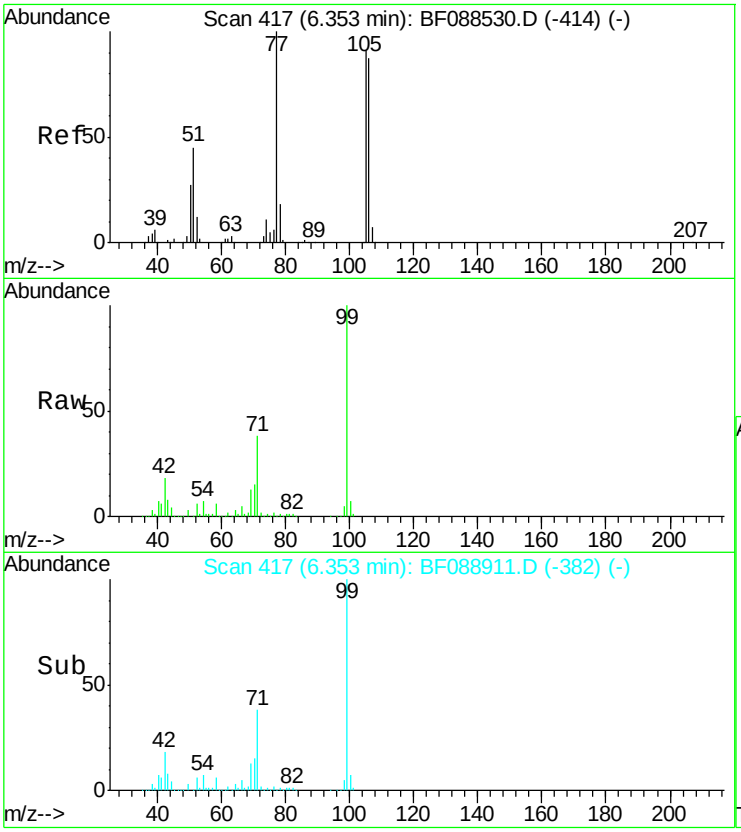


#7
Phenol-d6
Concen: 105.92 ng
RT: 6.35 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion: 99 Resp: 628928

Ion	Ratio	Lower	Upper
99	100		
42	17.6	12.2	18.2
71	37.8	23.4	35.0#

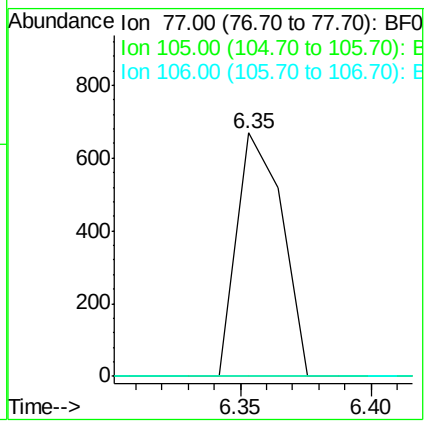




#9
Benzaldehyde
Concen: 0.20 ng
RT: 6.35 min Scan# 417
Delta R.T. 0.10 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion: 77 Resp: 815

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



Instrument :
BNA_F
ClientSampleId :
N8-B4(0-5)C

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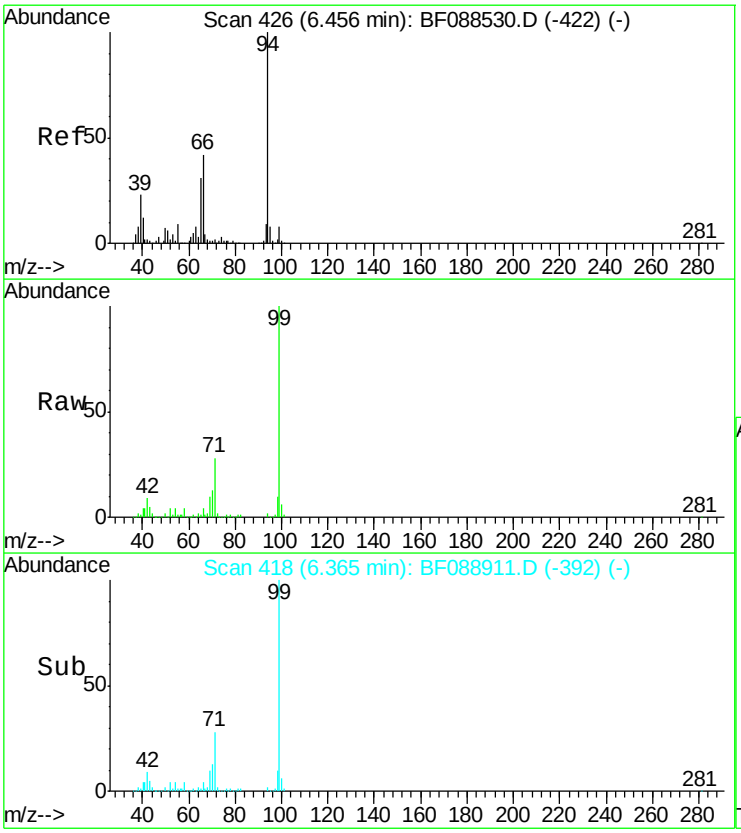
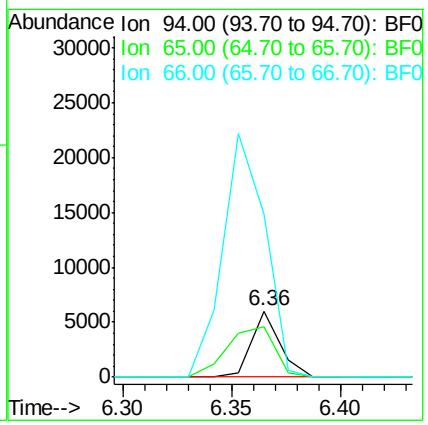
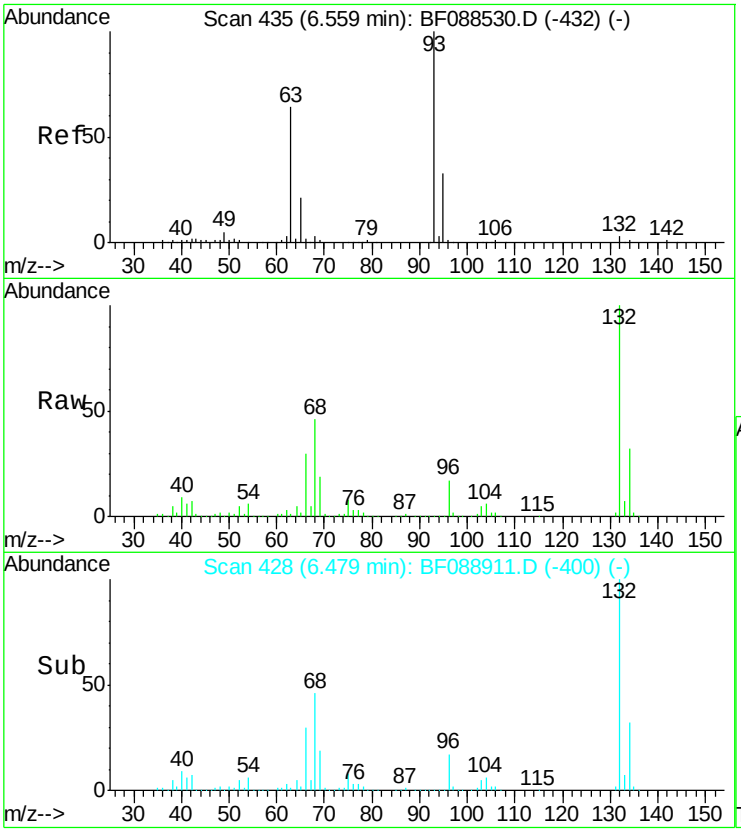


#10
Phenol
Concen: 0.80 ng
RT: 6.36 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion: 94 Resp: 5411

Ion	Ratio	Lower	Upper
94	100		
65	77.3	5.9	45.9#
66	248.1	14.0	54.0#

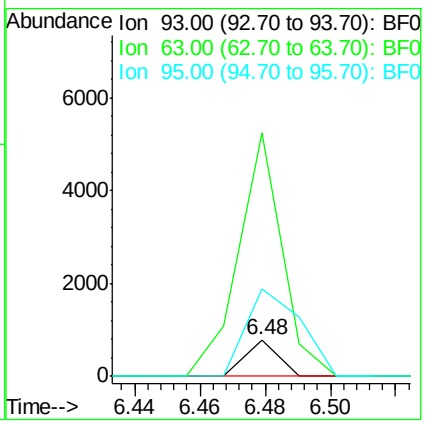




#11
bis(2-Chloroethyl)ether
Concen: 0.11 ng
RT: 6.48 min Scan# 428
Delta R.T. 0.02 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion: 93 Resp: 541

Ion	Ratio	Lower	Upper
93	100		
63	665.7	67.6	107.6#
95	240.0	12.5	52.5#



Instrument :
BNA_F
ClientSampleId :
N8-B4(0-5)C

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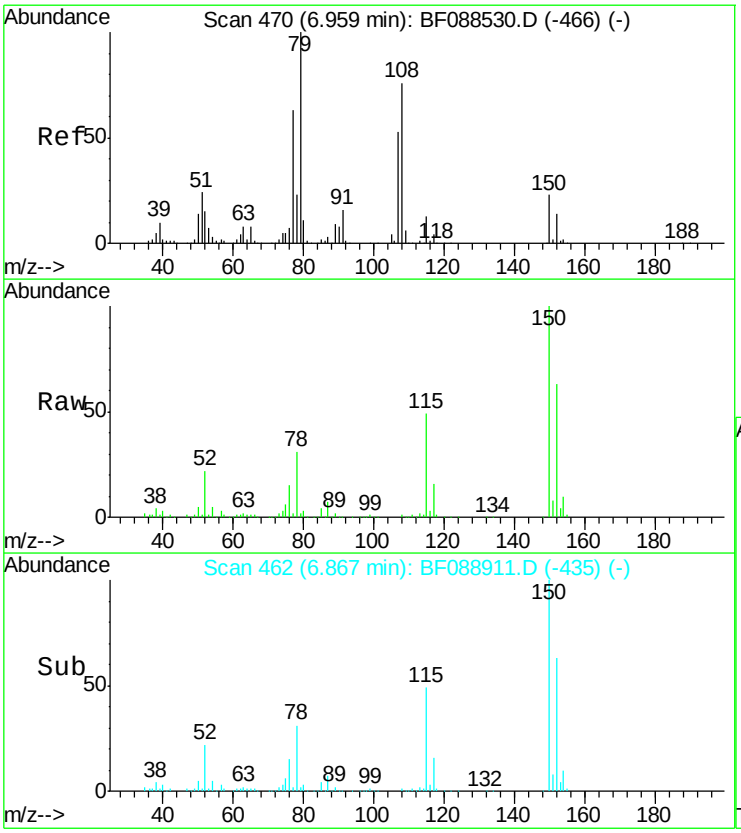
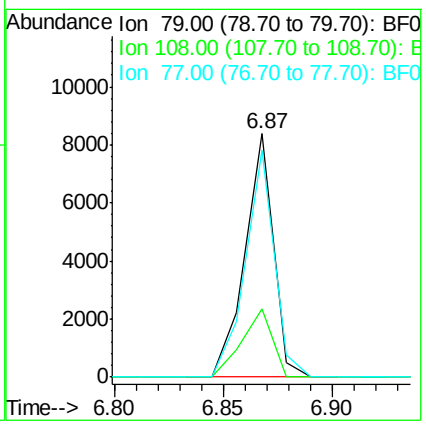
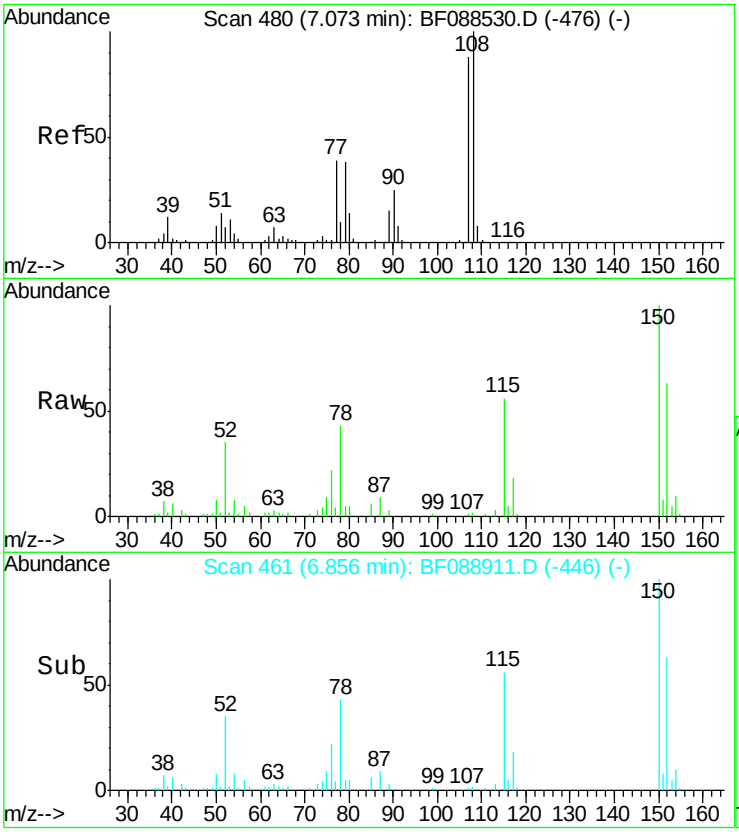


#15
Benzyl Alcohol
Concen: 1.74 ng
RT: 6.87 min Scan# 462
Delta R.T. 0.01 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion: 79 Resp: 7613

Ion	Ratio	Lower	Upper
79	100		
108	28.0	65.0	97.6#
77	93.4	50.3	75.5#

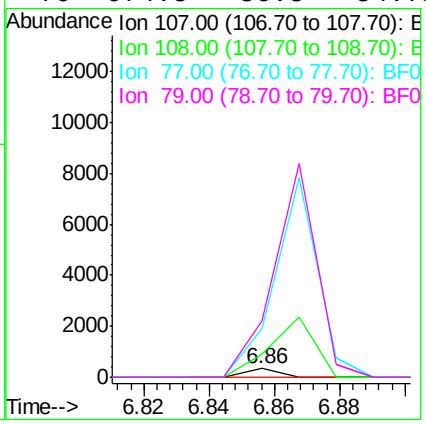




#17
2-Methylphenol
Concen: 0.06 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.13 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:107 Resp: 226

Ion	Ratio	Lower	Upper
107	100		
108	280.9	90.9	136.3#
77	577.8	36.6	55.0#
79	674.5	36.5	54.7#



Instrument :
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ClientSampleId :
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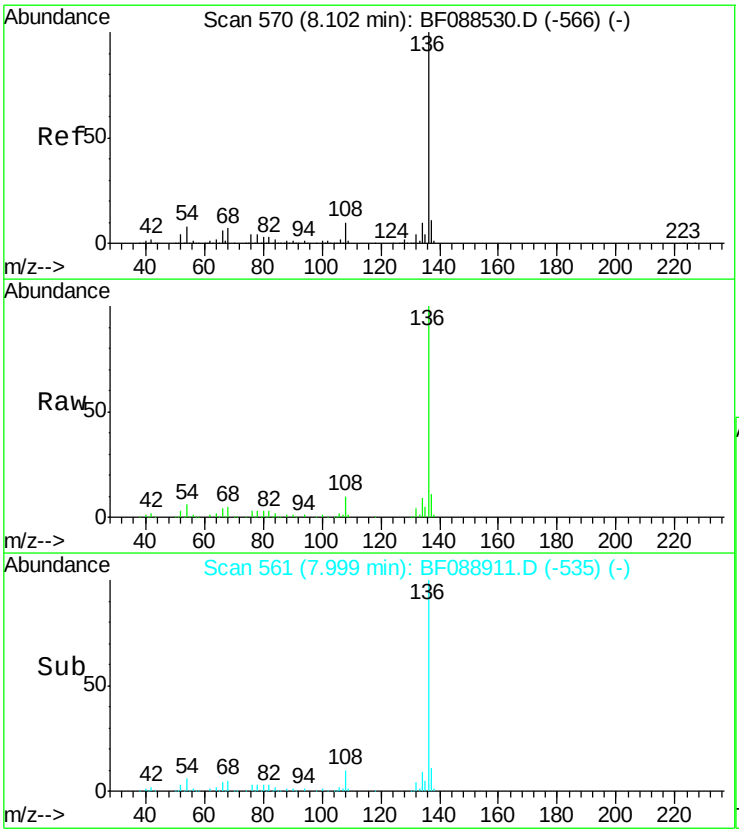
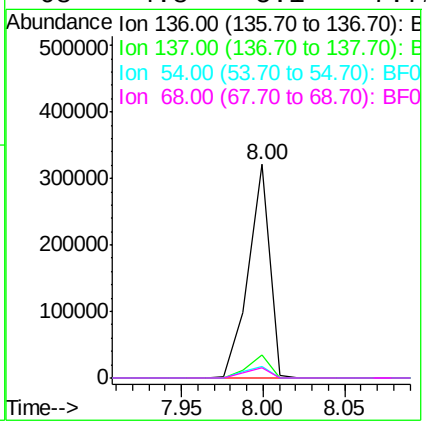
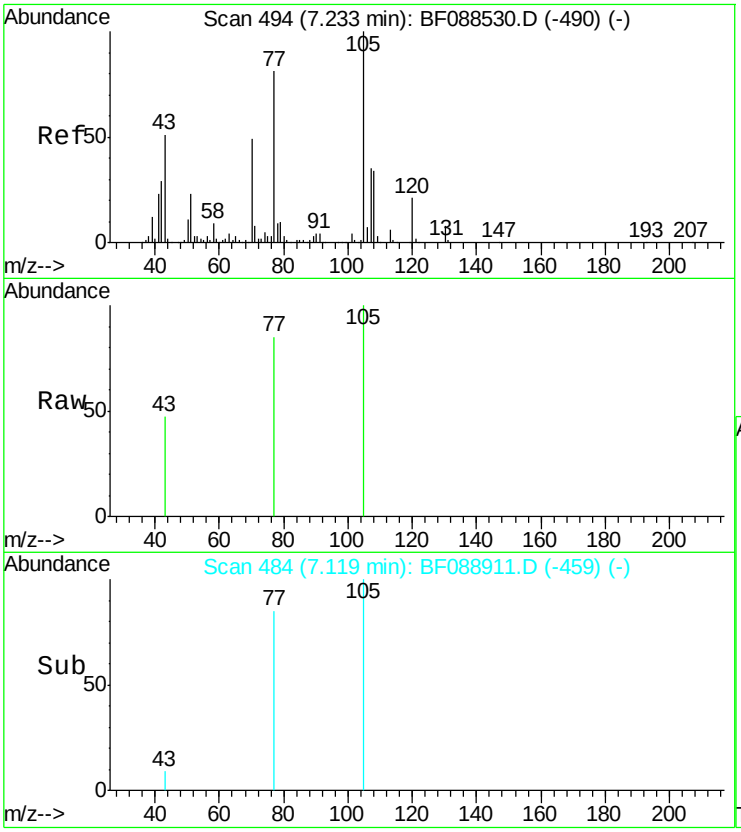


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:136 Resp: 291698

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	5.5	6.6	10.0#
68	4.8	5.1	7.7#

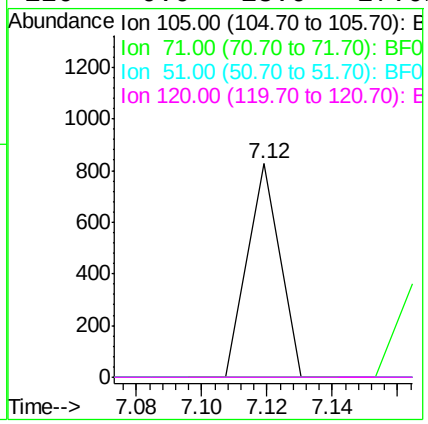




#22
Acetophenone
Concen: 0.08 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:105 Resp: 567

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#



Instrument :
BNA_F
ClientSampleId :
N8-B4(0-5)C

Manual Integrations
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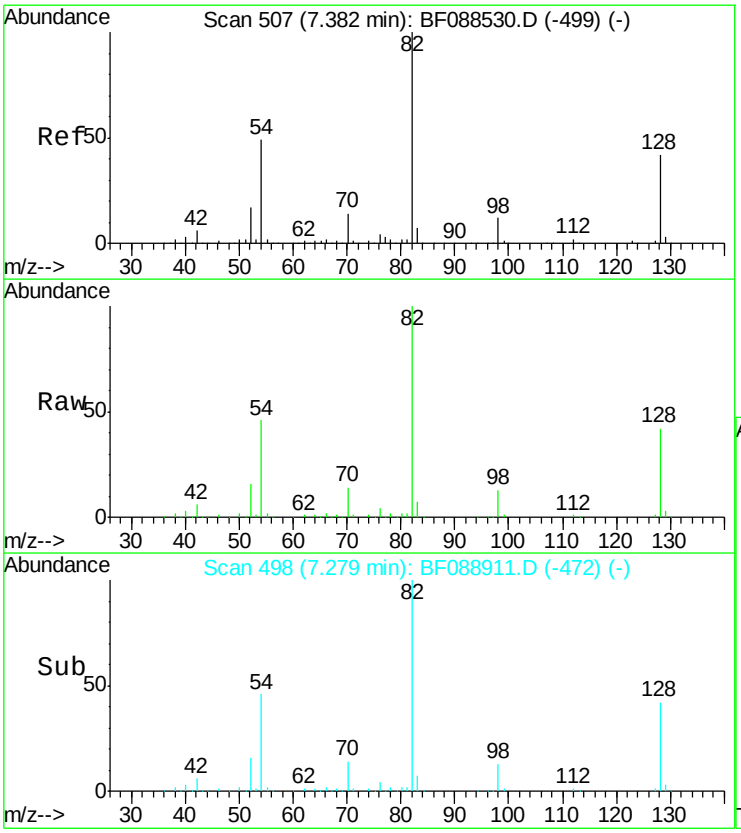
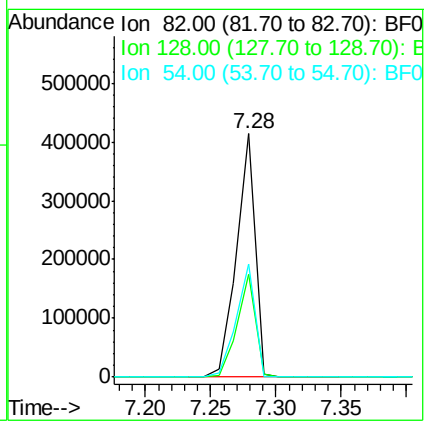
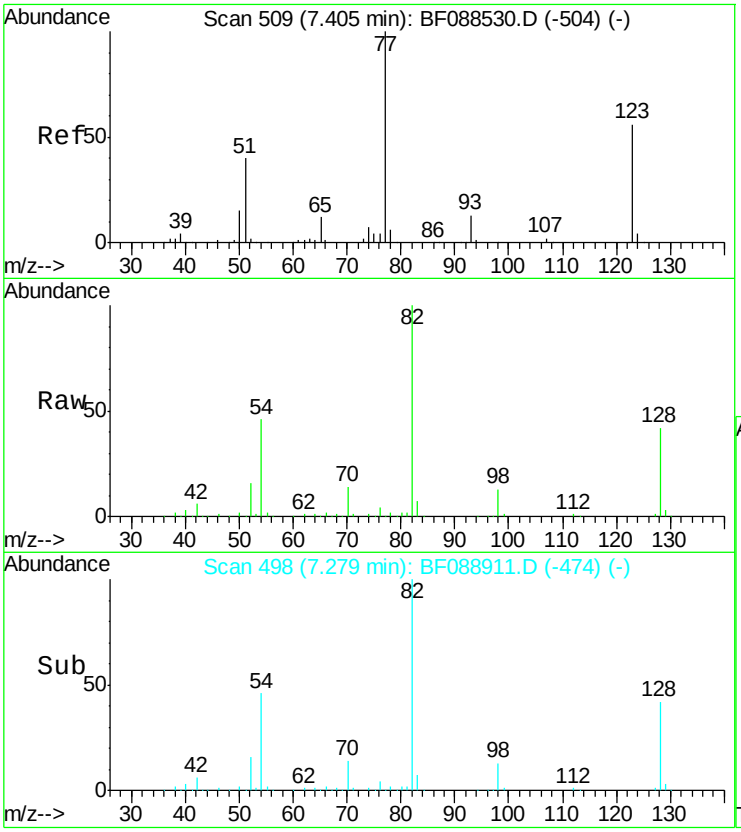


#23
Nitrobenzene-d5
Concen: 73.01 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.00 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion: 82 Resp: 406413

Ion	Ratio	Lower	Upper
82	100		
128	42.2	35.9	53.9
54	46.3	40.9	61.3





#24
Nitrobenzene
Concen: 0.22 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.02 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion: 77 Resp: 1254

Ion	Ratio	Lower	Upper
77	100		
123	0.0	45.0	67.4#
65	29.3	10.2	15.2#

Instrument :
BNA_F
ClientSampleId :
N8-B4(0-5)C

Manual Integrations
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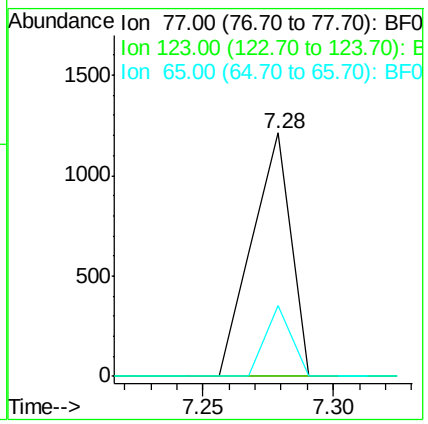
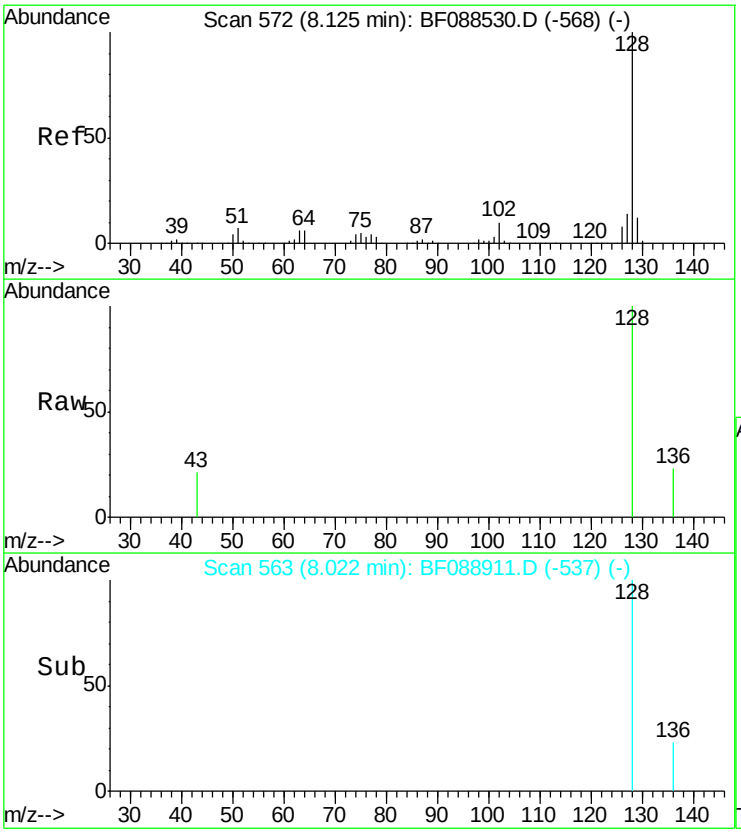
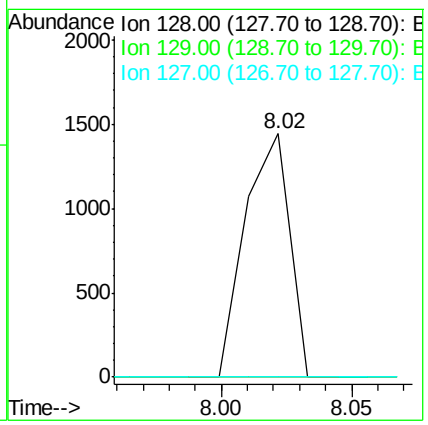


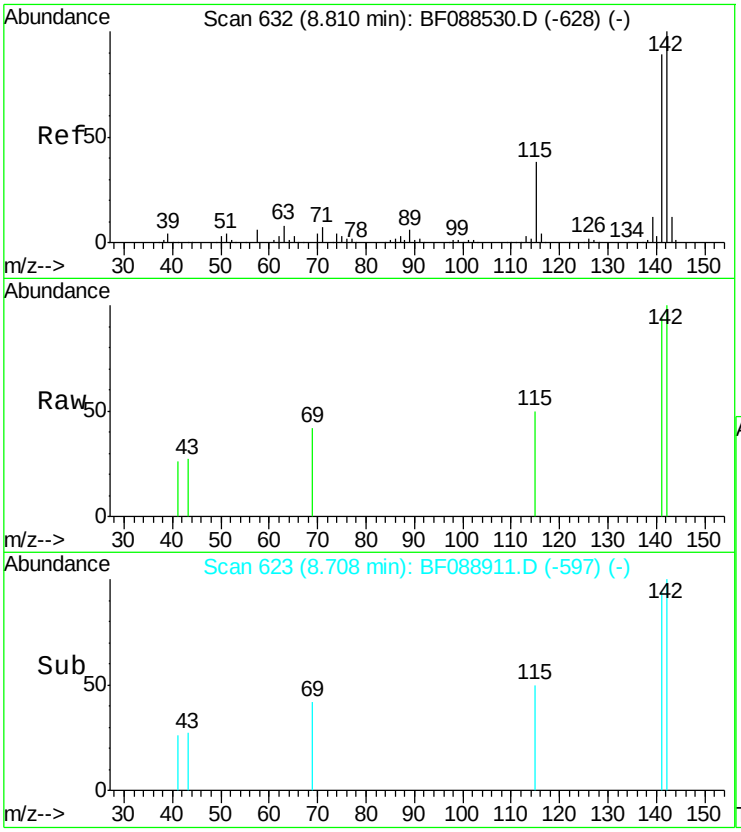


#31
Naphthalene
Concen: 0.12 ng
RT: 8.02 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:128 Resp: 1727

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

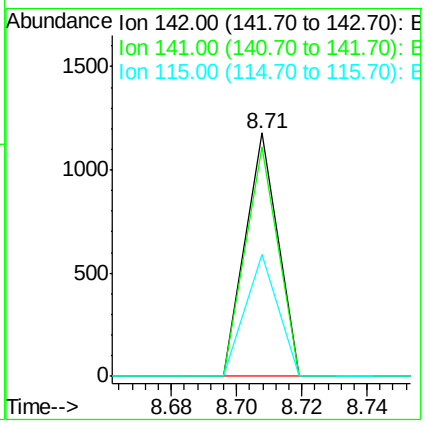




#37
2-Methylnaphthalene
Concen: 0.09 ng
RT: 8.71 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:142 Resp: 808

Ion	Ratio	Lower	Upper
142	100		
141	94.1	71.0	106.6
115	50.3	22.6	33.8#



Instrument :
BNA_F
ClientSampleId :
N8-B4(0-5)C

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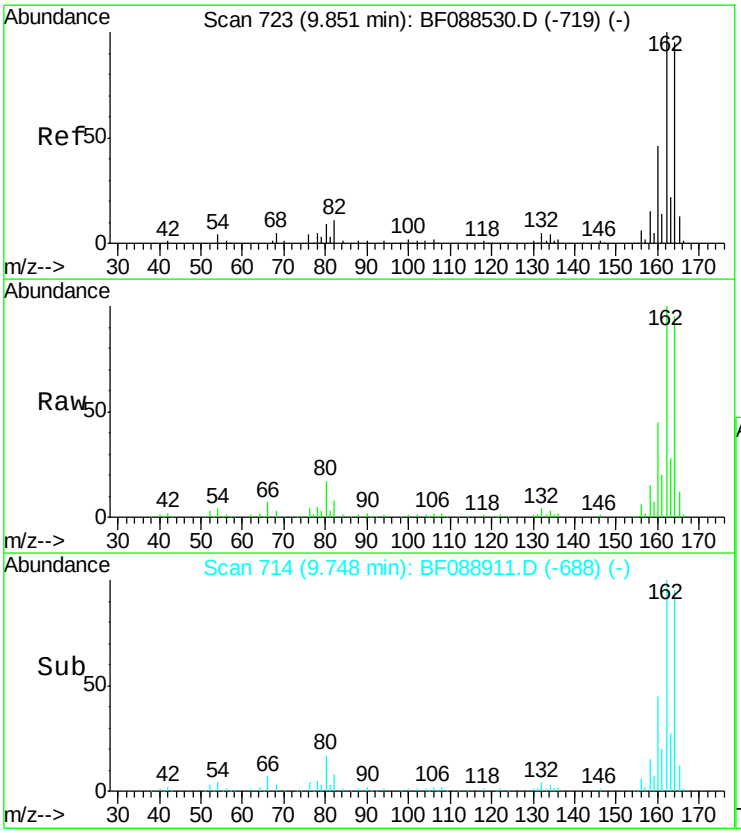
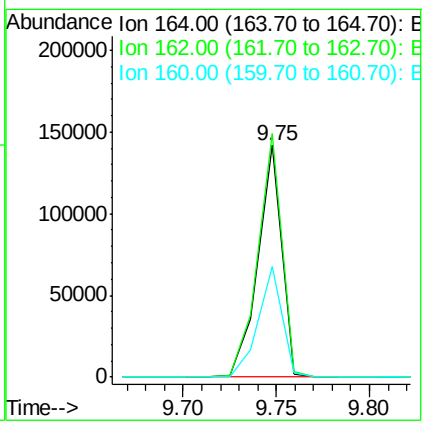
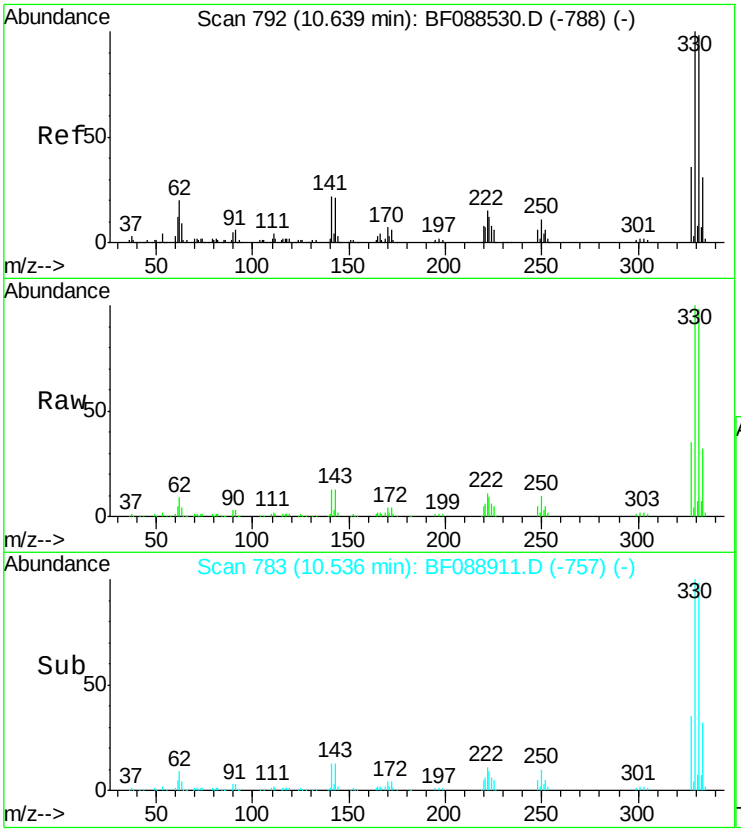


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:164 Resp: 123730

Ion	Ratio	Lower	Upper
164	100		
162	105.0	85.4	128.2
160	47.7	39.5	59.3

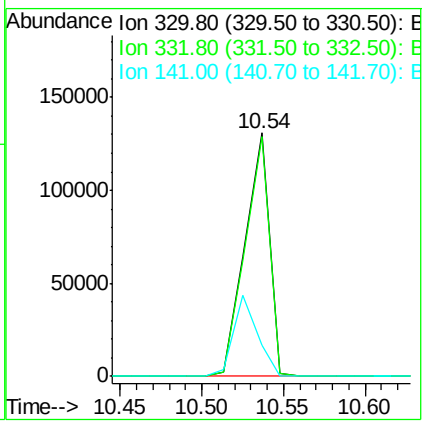




#41
2,4,6-Tribromophenol
Concen: 119.46 ng
RT: 10.54 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:330 Resp: 137253

Ion	Ratio	Lower	Upper
330	100		
332	97.8	0.0	0.0#
141	32.4	0.0	0.0#



Instrument :
BNA_F
ClientSampleId :
N8-B4(0-5)C

Manual Integrations
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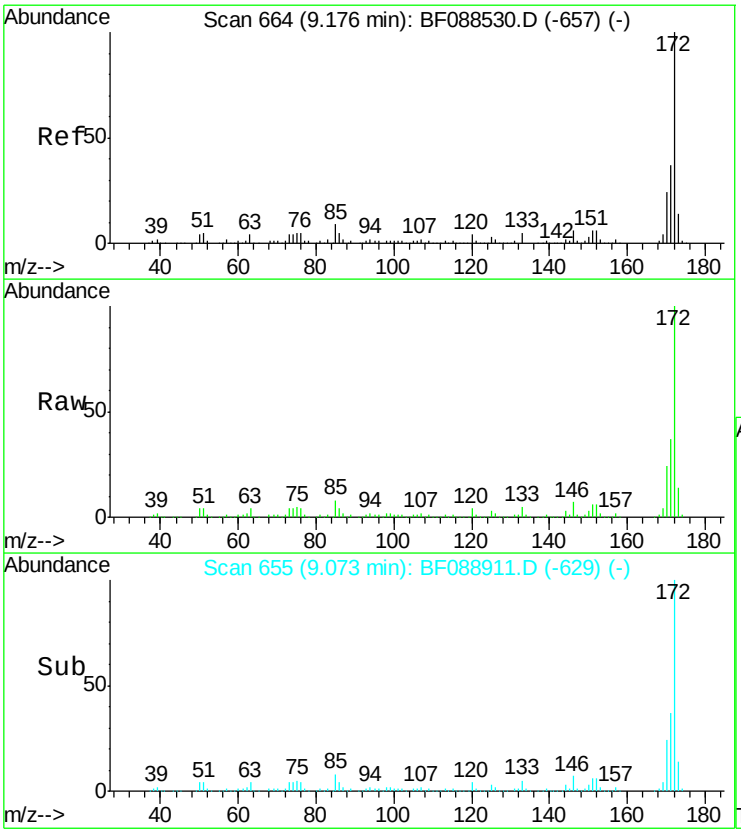
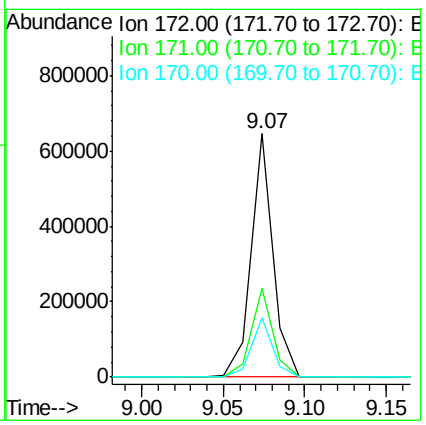
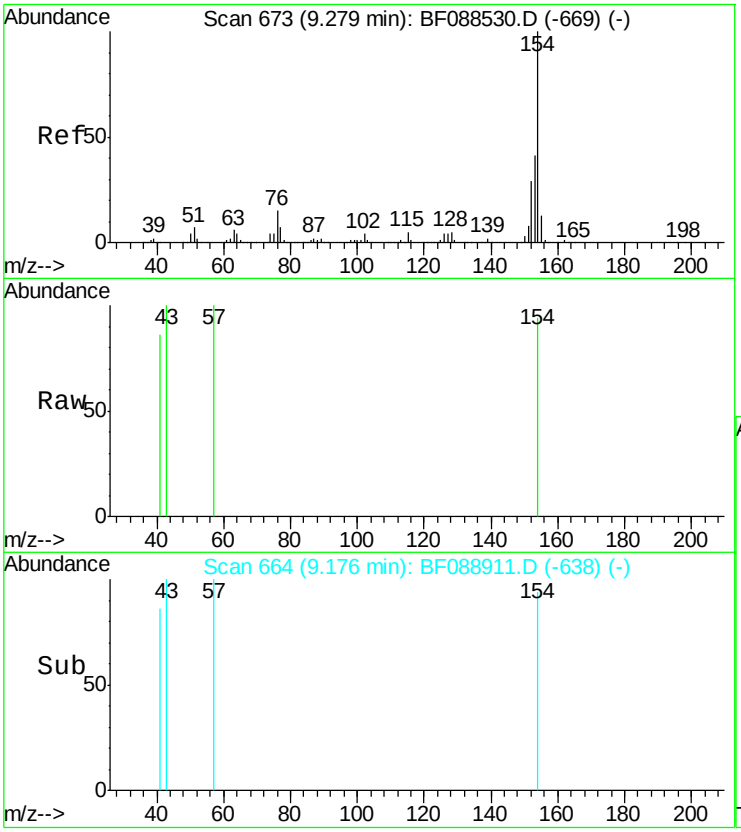


#44
2-Fluorobiphenyl
Concen: 76.61 ng
RT: 9.07 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:172 Resp: 600115

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	24.1	19.2	28.8

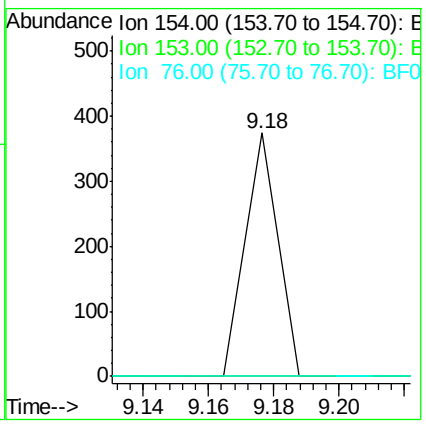




#45
1,1'-Biphenyl
Concen: 0.02 ng
RT: 9.18 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:154 Resp: 256

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



Instrument :
BNA_F
ClientSampleId :
N8-B4(0-5)C

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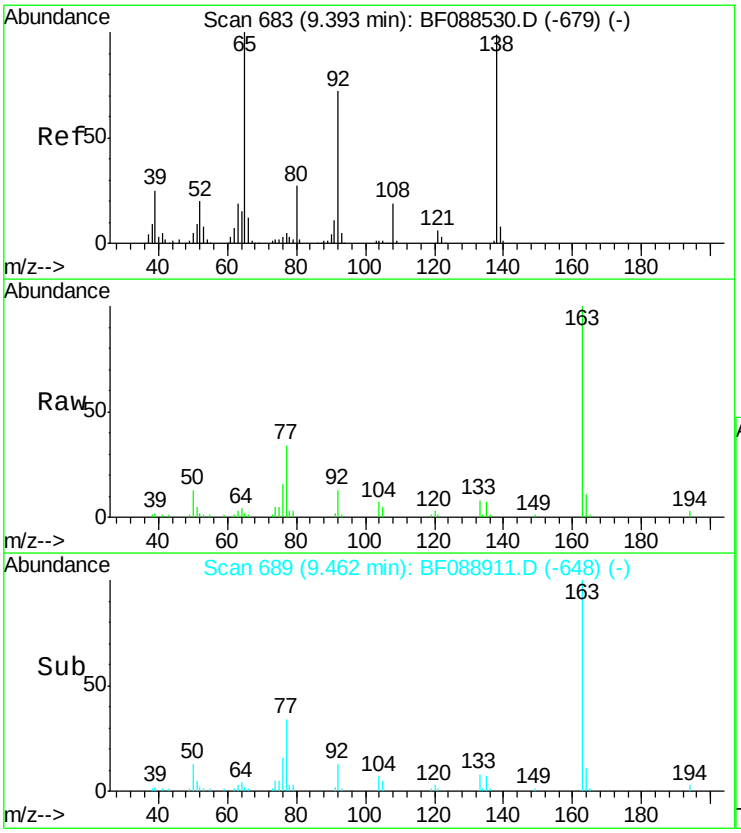
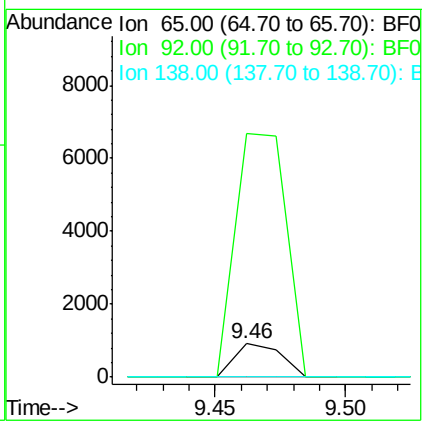
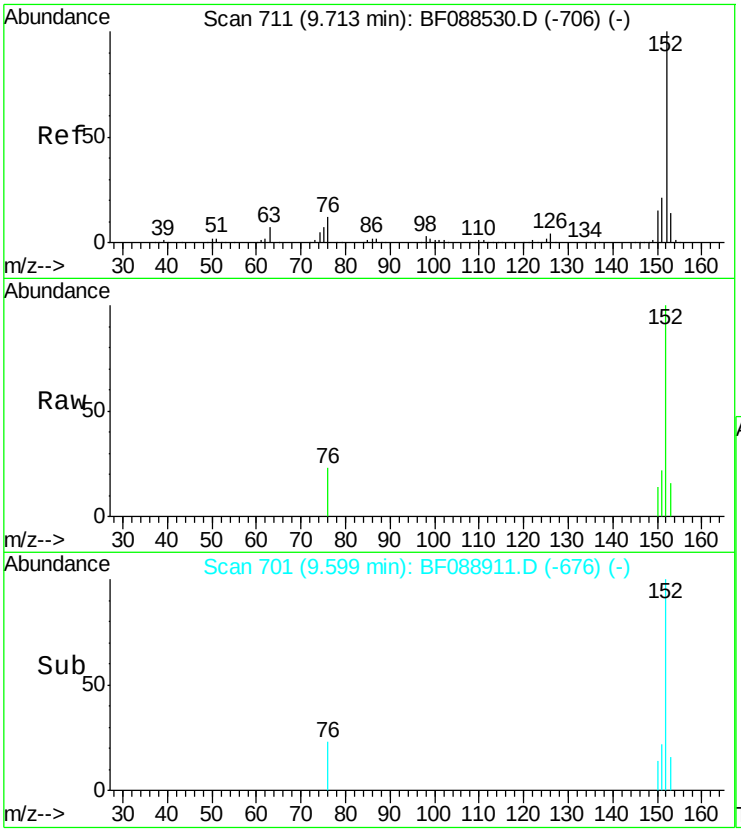


#47
2-Nitroaniline
Concen: 0.40 ng
RT: 9.46 min Scan# 689
Delta R.T. 0.17 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion: 65 Resp: 1145

Ion	Ratio	Lower	Upper
65	100		
92	730.7	54.6	82.0#
138	0.0	77.0	115.4#

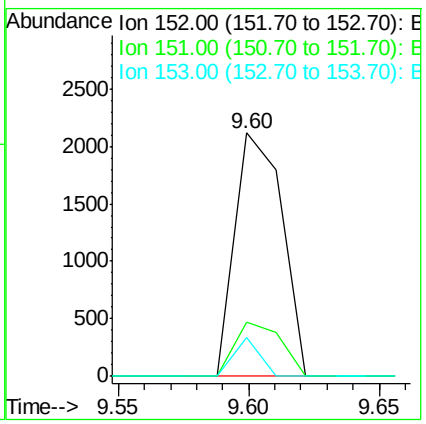




#48
Acenaphthylene
Concen: 0.21 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:152 Resp: 2686

Ion	Ratio	Lower	Upper
152	100		
151	22.4	16.2	24.4
153	15.9	11.0	16.6



Instrument :
BNA_F
ClientSampleId :
N8-B4(0-5)C

Manual Integrations
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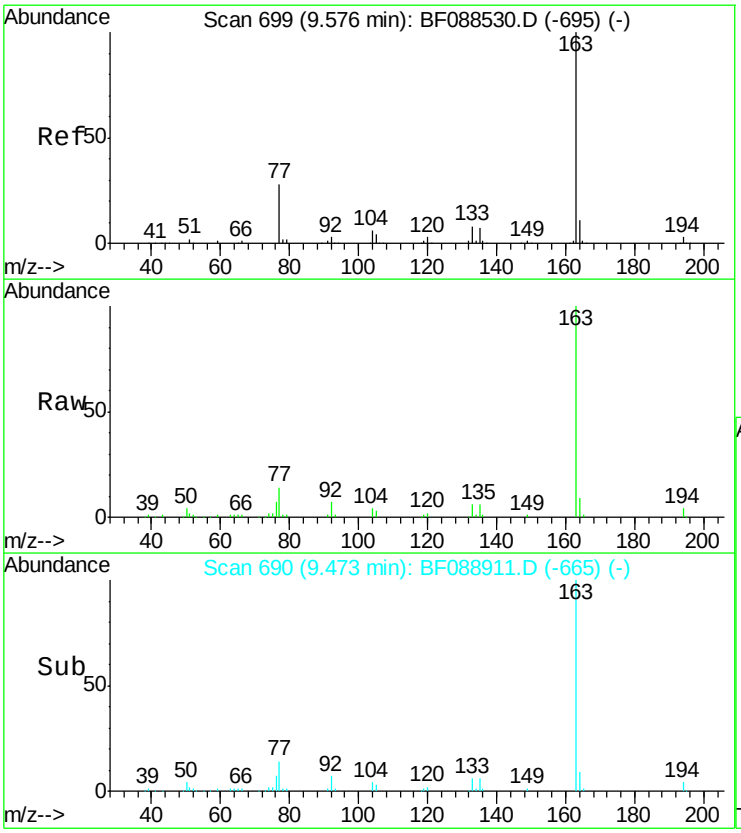
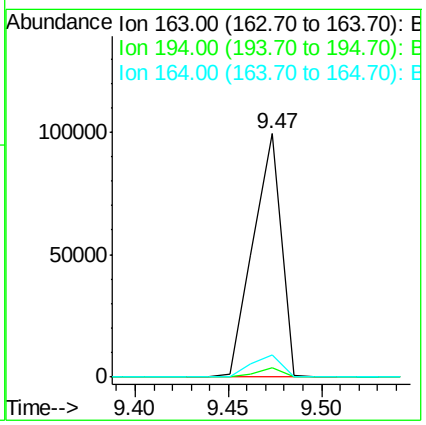
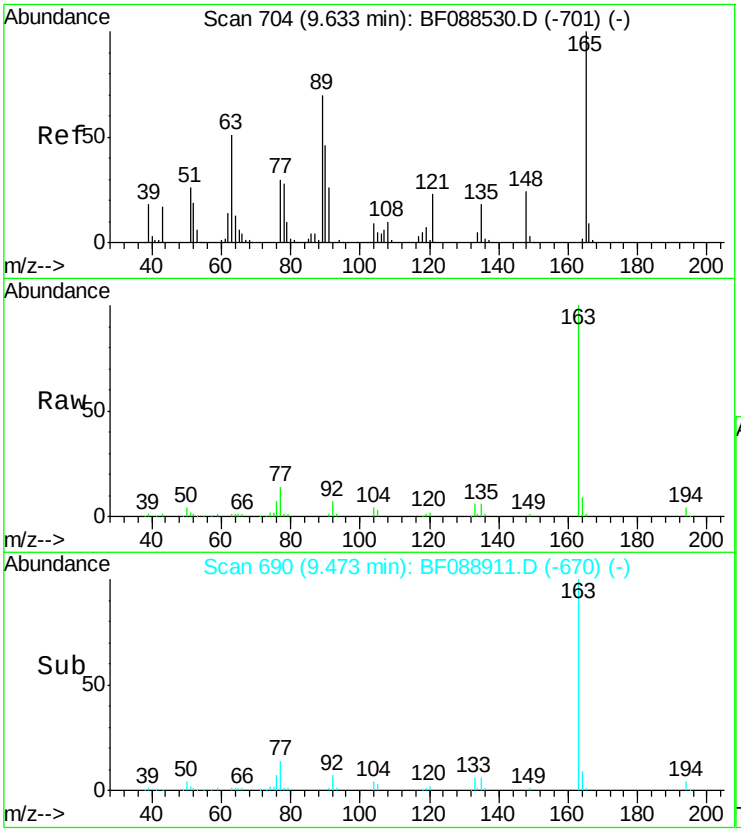


#49
Dimethylphthalate
Concen: 11.74 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:163 Resp: 103530

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.8	4.2
164	9.2	8.3	12.5

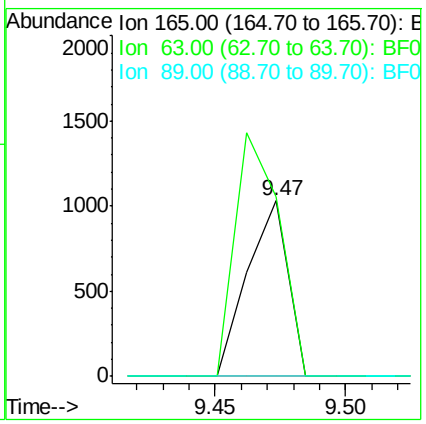




#50
2,6-Dinitrotoluene
Concen: 0.57 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.07 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:165 Resp: 1123

Ion	Ratio	Lower	Upper
165	100		
63	102.4	28.1	42.1#
89	0.0	32.2	48.2#



Instrument :
BNA_F
ClientSampleId :
N8-B4(0-5)C

Manual Integrations
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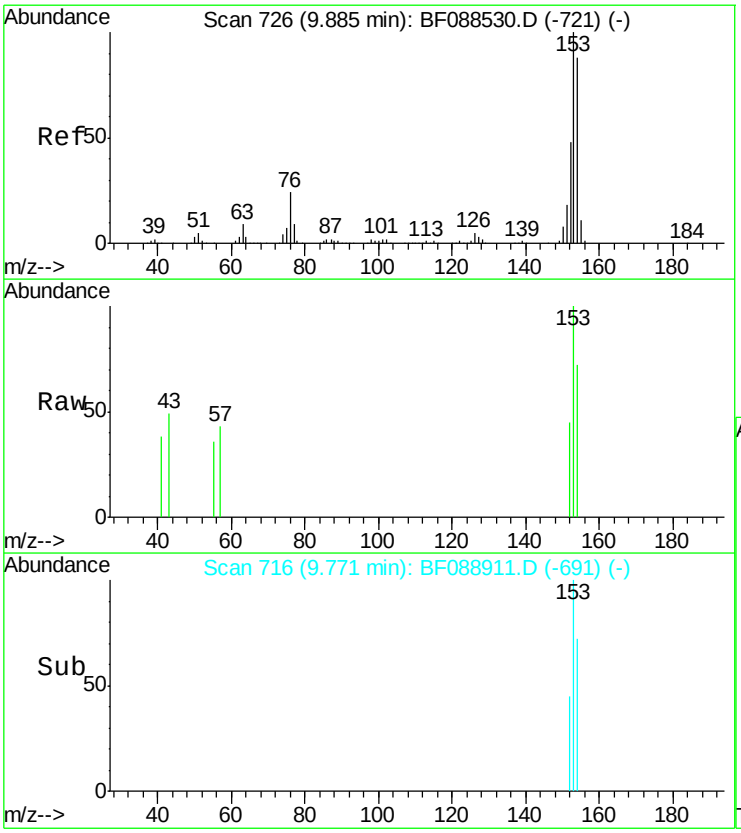
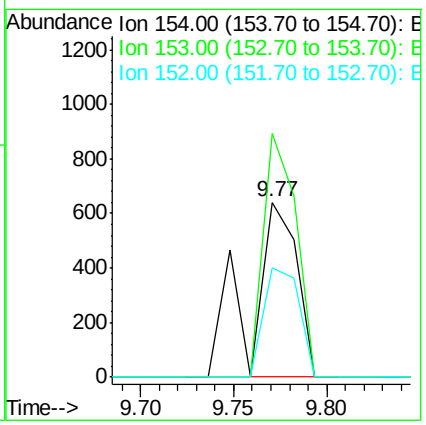
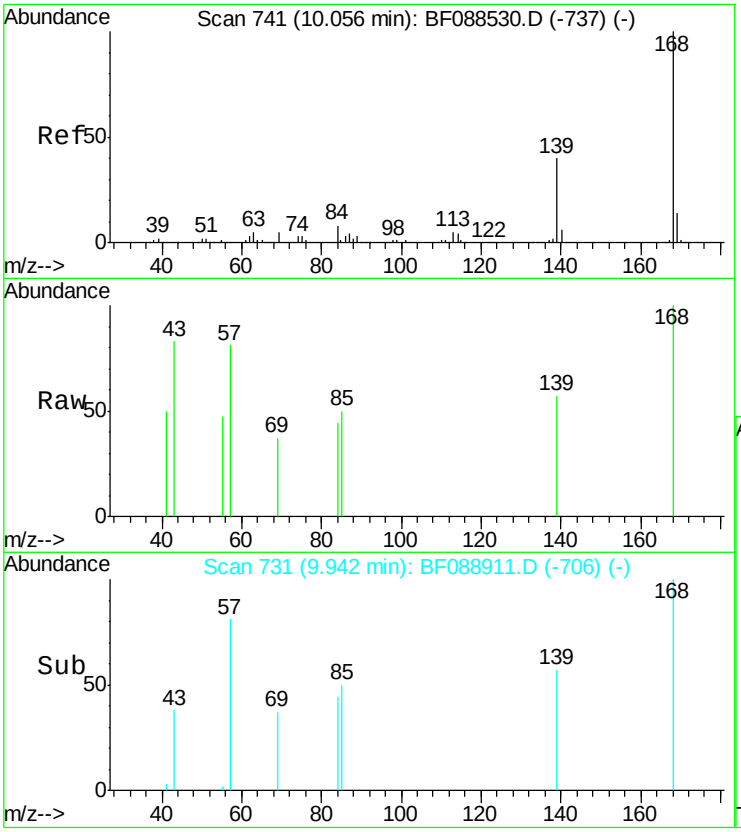


#51
Acenaphthene
Concen: 0.14 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:154 Resp: 1104

Ion	Ratio	Lower	Upper
154	100		
153	139.3	89.5	134.3#
152	62.7	42.7	64.1





#54
Dibenzofuran
Concen: 0.09 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:168 Resp: 974

Ion	Ratio	Lower	Upper
168	100		
139	56.7	26.4	39.6#
169	0.0	10.4	15.6#

Instrument :
BNA_F
ClientSampleId :
N8-B4(0-5)C

Manual Integrations
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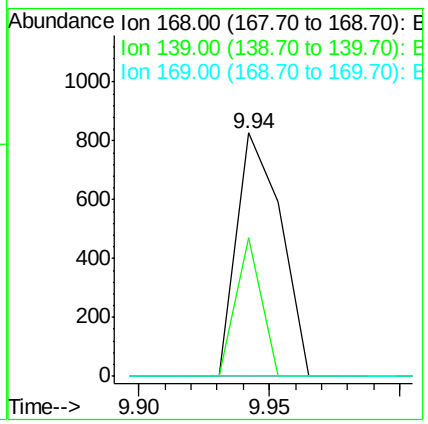
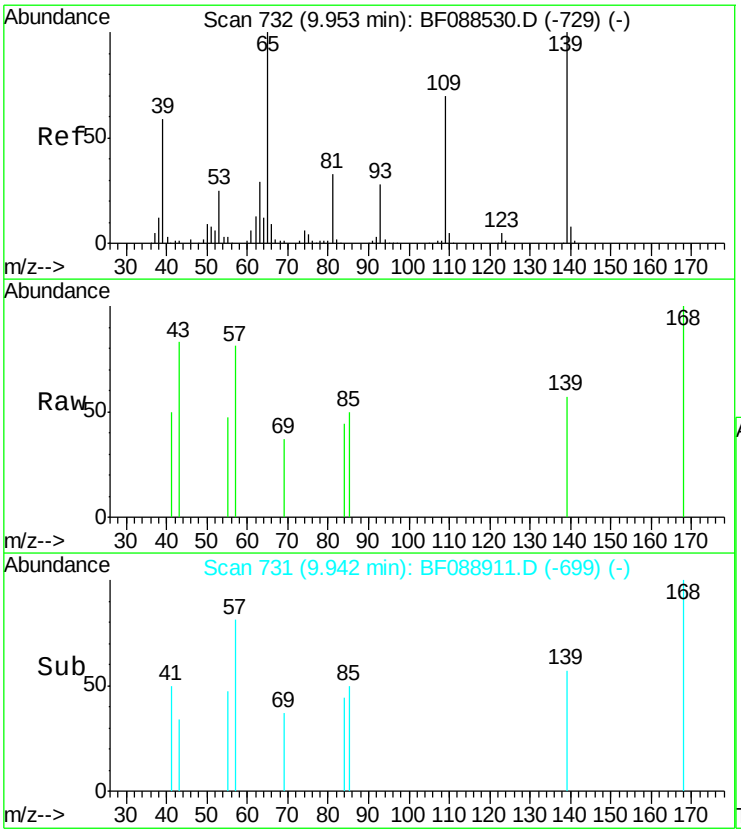
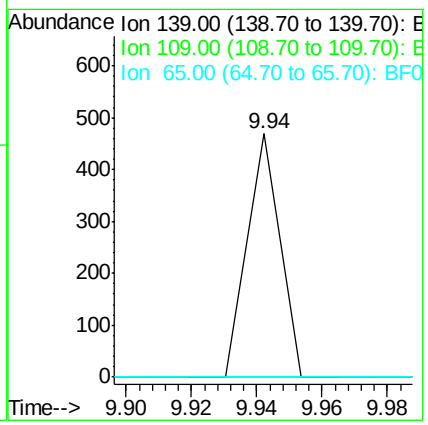


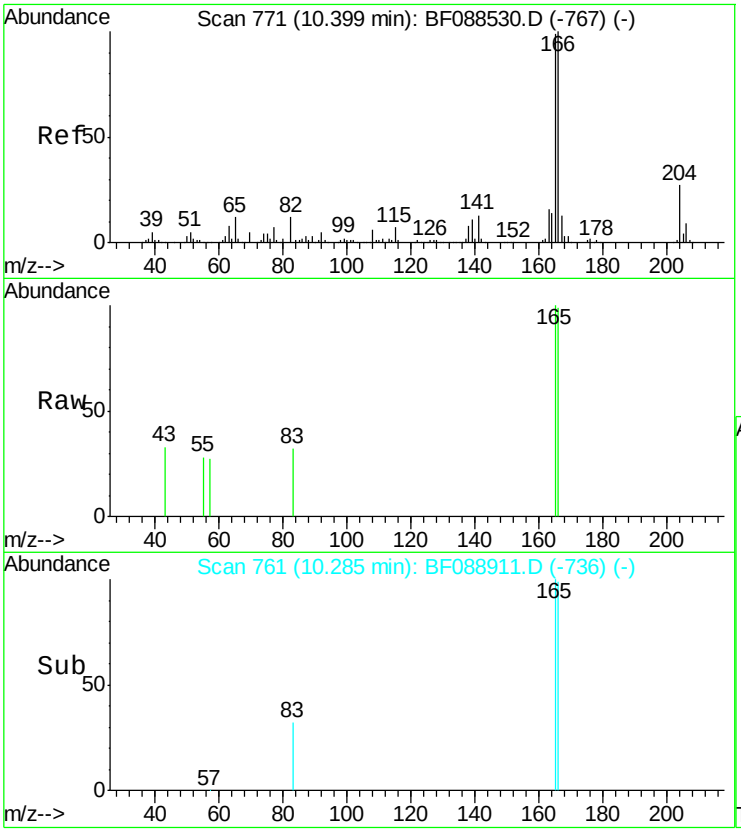


#55
4-Nitrophenol
Concen: 0.17 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.07 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:139 Resp: 322

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.9	88.9#
65	0.0	84.9	124.9#

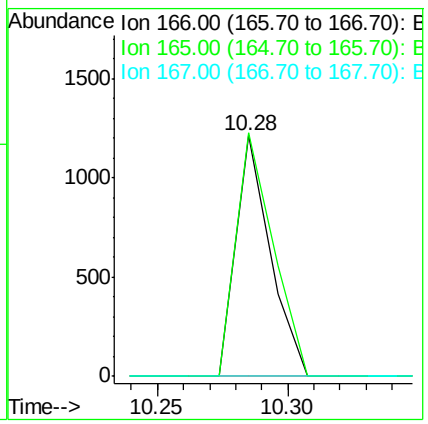




#57
Fluorene
Concen: 0.14 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:166 Resp: 1116

Ion	Ratio	Lower	Upper
166	100		
165	101.2	77.8	116.8
167	0.0	11.2	16.8#



Instrument :
BNA_F
ClientSampleId :
N8-B4(0-5)C

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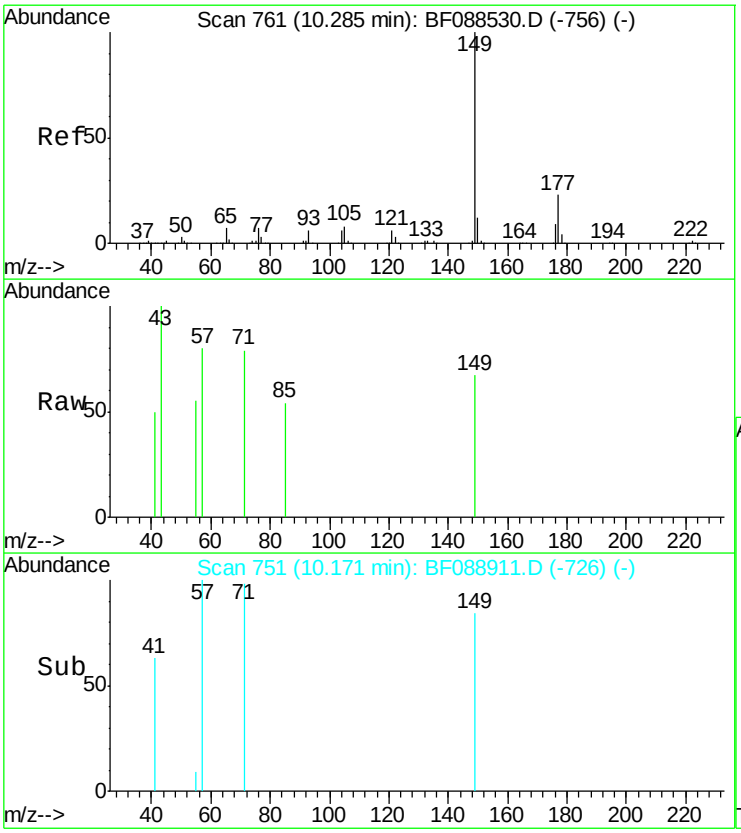
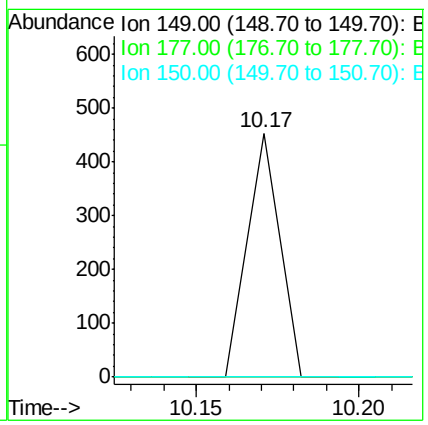
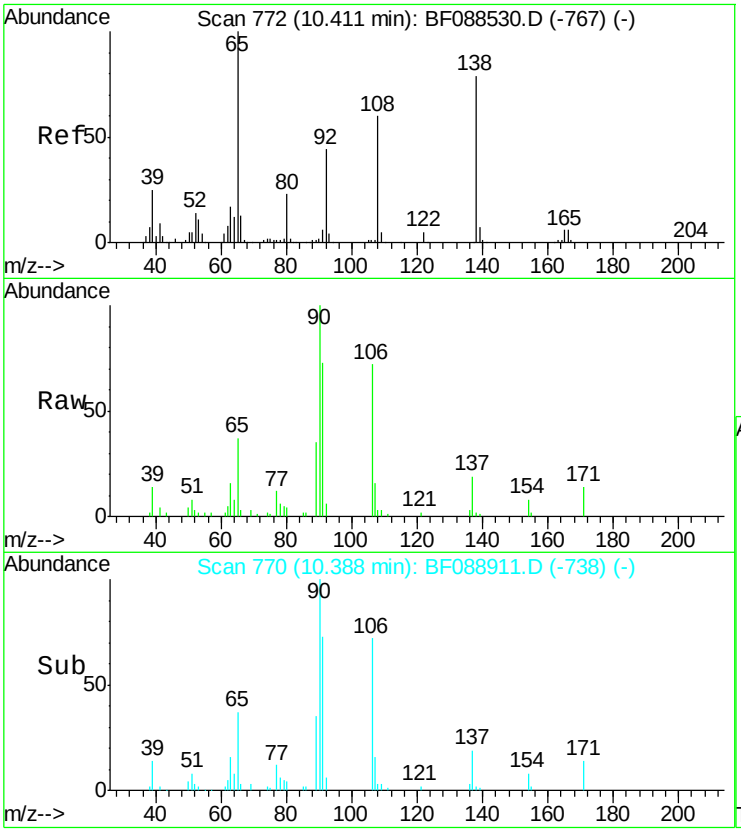


#59
Diethylphthalate
Concen: 0.04 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:149 Resp: 311

Ion	Ratio	Lower	Upper
149	100		
177	0.0	16.9	25.3#
150	0.0	10.1	15.1#

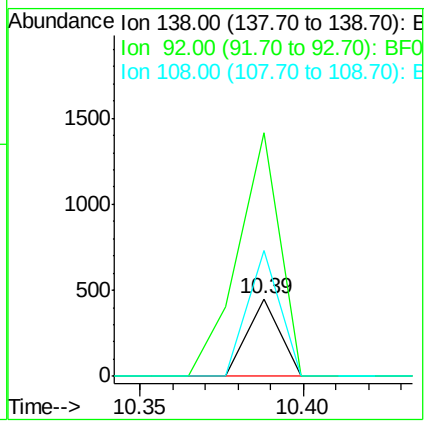




#61
4-Nitroaniline
Concen: 0.13 ng
RT: 10.39 min Scan# 770
Delta R.T. 0.07 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:138 Resp: 309

Ion	Ratio	Lower	Upper
138	100		
92	314.2	27.3	67.3#
108	163.1	46.7	86.7#



Instrument :
BNA_F
ClientSampleId :
N8-B4(0-5)C

Manual Integrations
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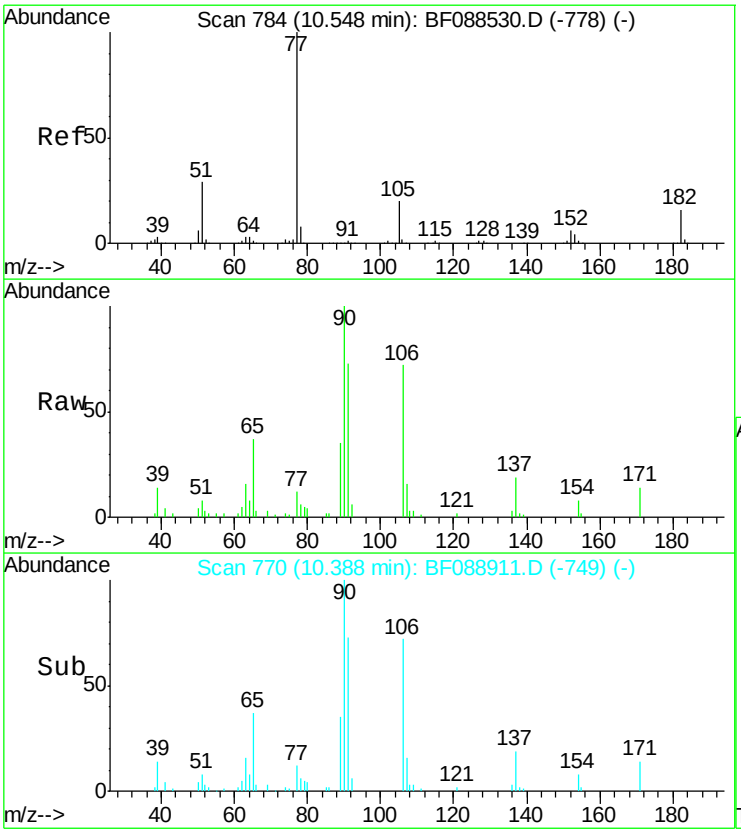
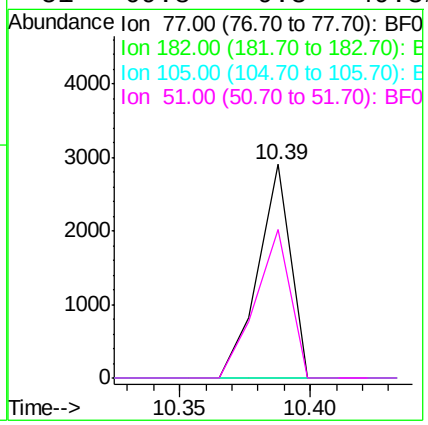
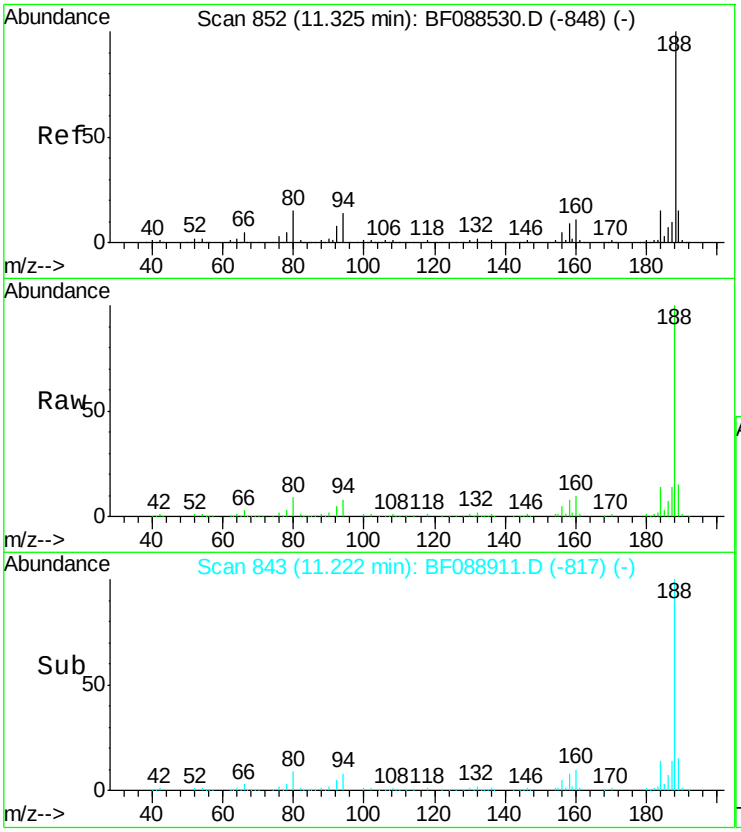


#62
Azobenzene
Concen: 0.25 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.06 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion: 77 Resp: 2559

Ion	Ratio	Lower	Upper
77	100		
182	0.0	4.4	44.4#
105	0.0	3.8	43.8#
51	69.8	9.3	49.3#

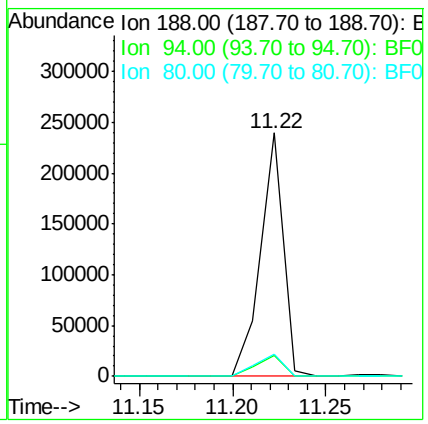




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:188 Resp: 205725

Ion	Ratio	Lower	Upper
188	100		
94	8.5	9.0	13.6#
80	8.9	10.0	15.0#



Instrument :
BNA_F
ClientSampleId :
N8-B4(0-5)C

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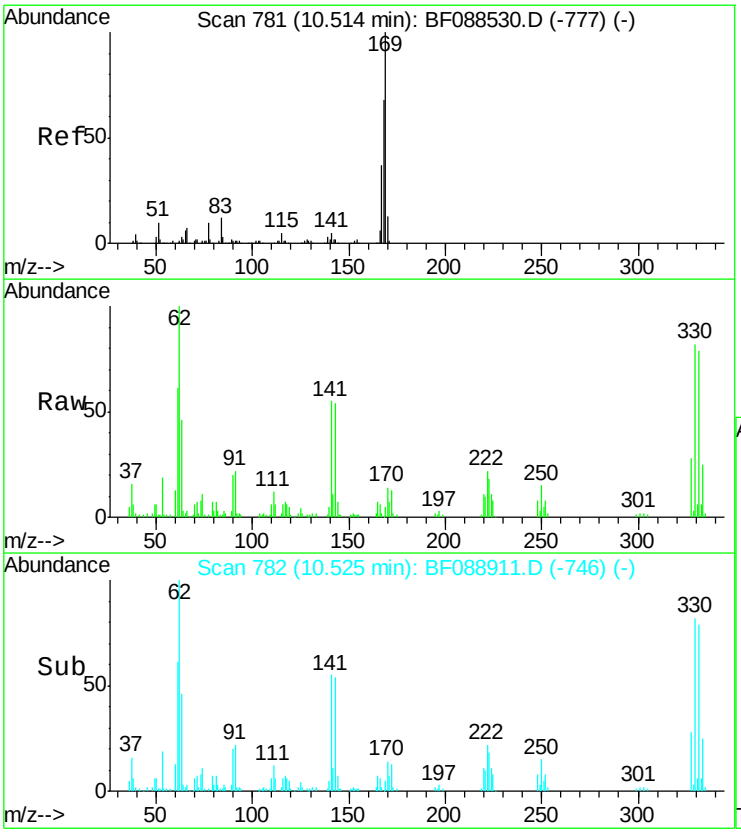
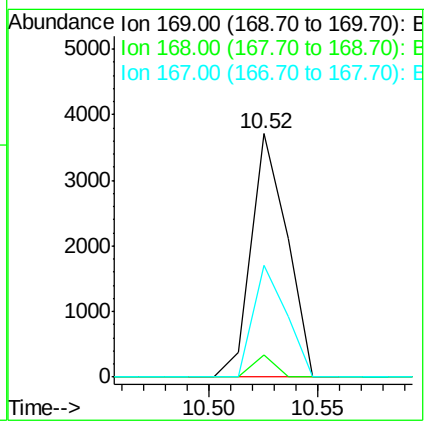
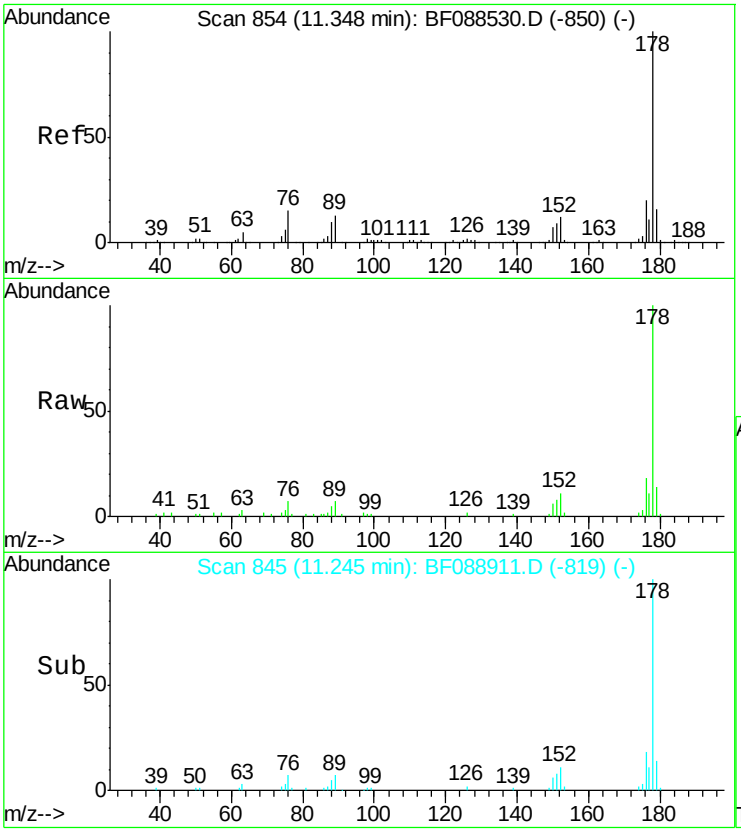


#65
n-Nitrosodiphenylamine
Concen: 0.61 ng
RT: 10.52 min Scan# 782
Delta R.T. 0.11 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:169 Resp: 4260

Ion	Ratio	Lower	Upper
169	100		
168	8.9	53.4	80.0#
167	45.8	29.4	44.0#

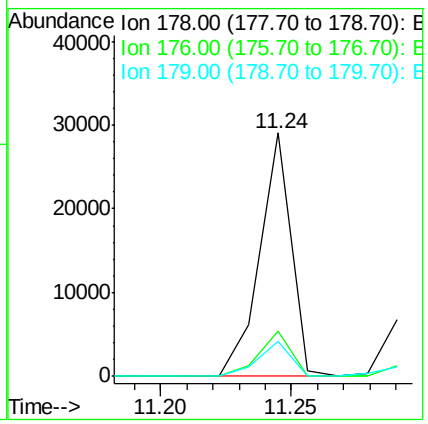




#70
Phenanthrene
Concen: 2.19 ng
RT: 11.24 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:178 Resp: 24666

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.6
179	14.2	13.0	19.4



Instrument :
BNA_F
ClientSampleId :
N8-B4(0-5)C

Manual Integrations
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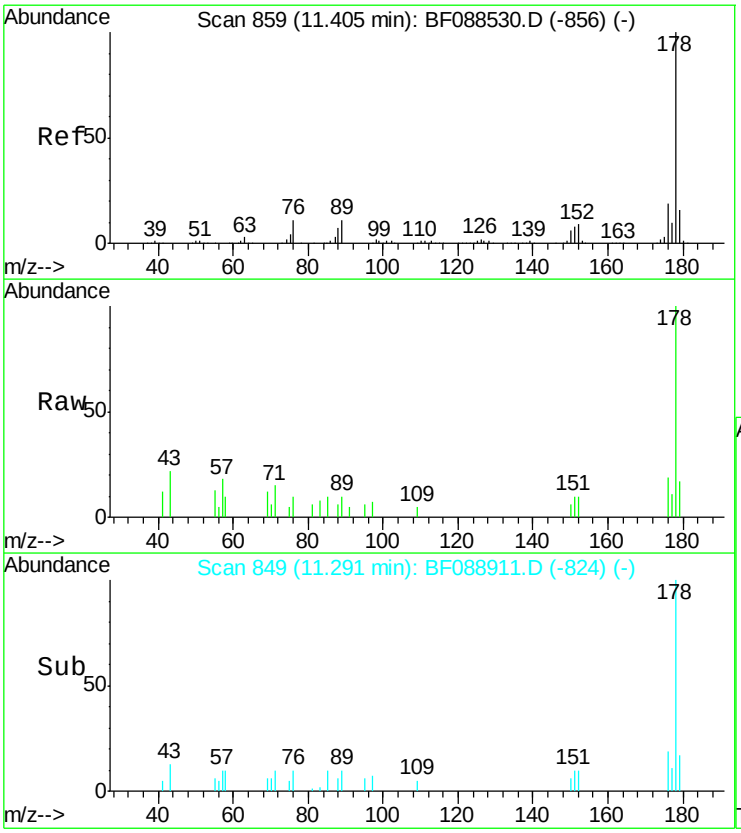
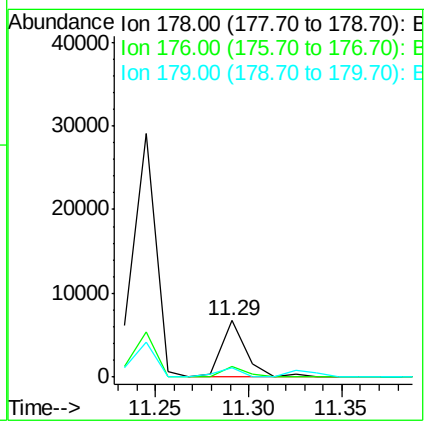
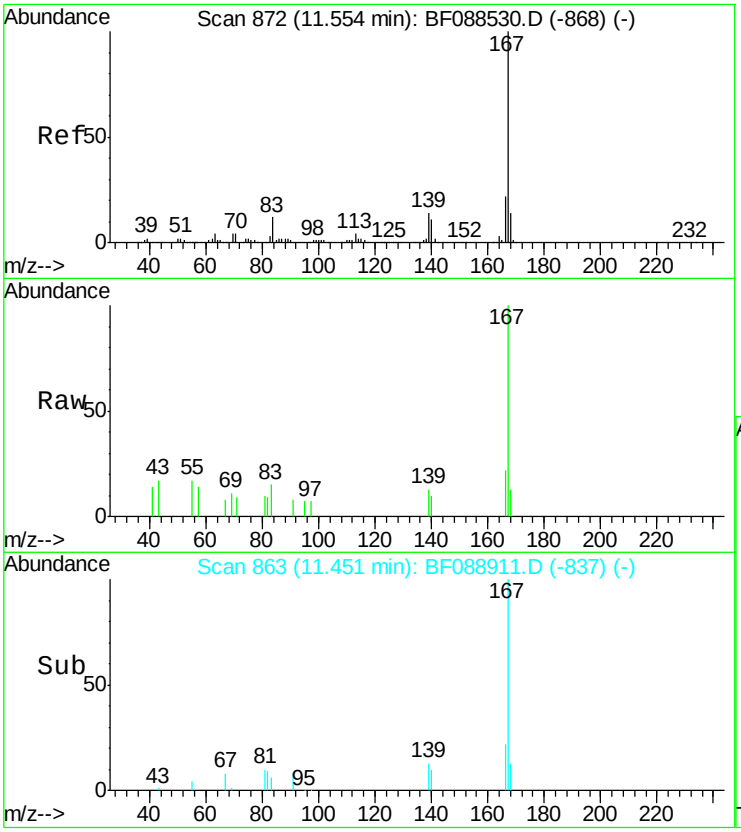


#71
Anthracene
Concen: 0.56 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:178 Resp: 6246

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.6	23.4
179	16.5	12.8	19.2

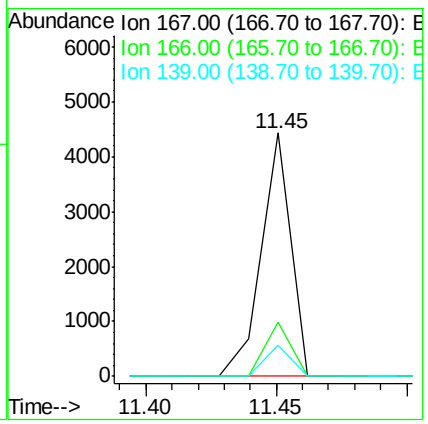




#72
Carbazole
Concen: 0.33 ng
RT: 11.45 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:167 Resp: 3516

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.6
139	12.8	11.2	16.8



Instrument :
BNA_F
ClientSampleId :
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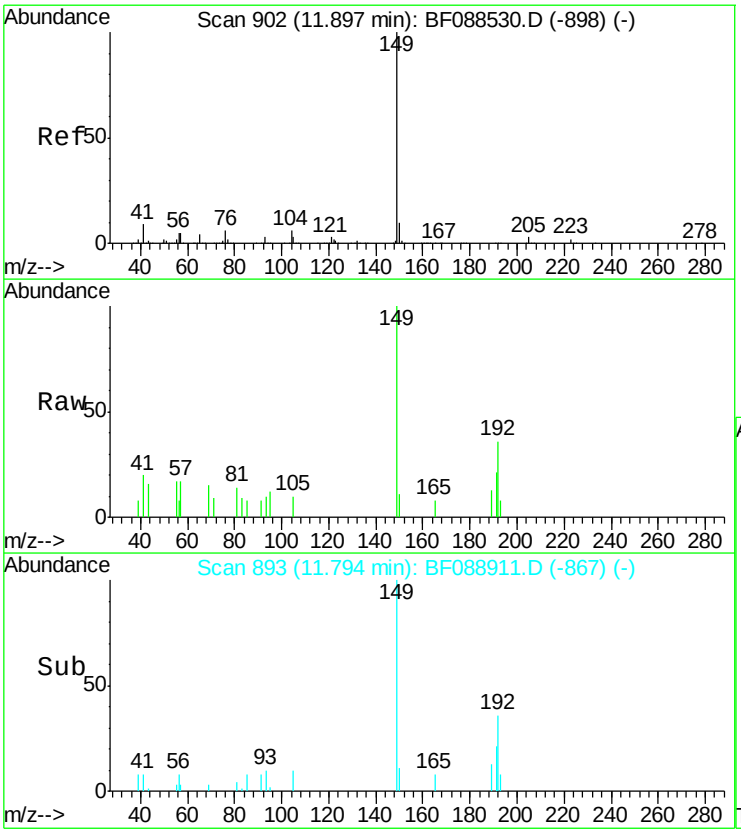
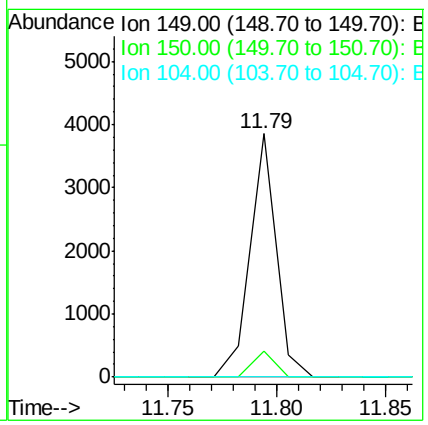
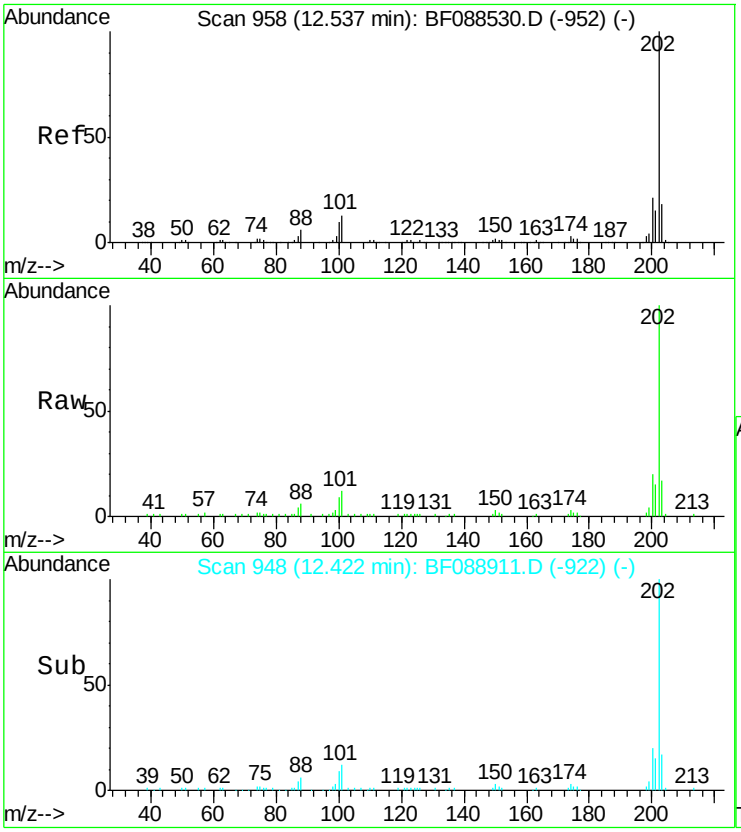


#73
Di-n-butylphthalate
Concen: 0.26 ng
RT: 11.79 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:149 Resp: 3223

Ion	Ratio	Lower	Upper
149	100		
150	10.9	7.8	11.6
104	0.0	4.0	6.0#

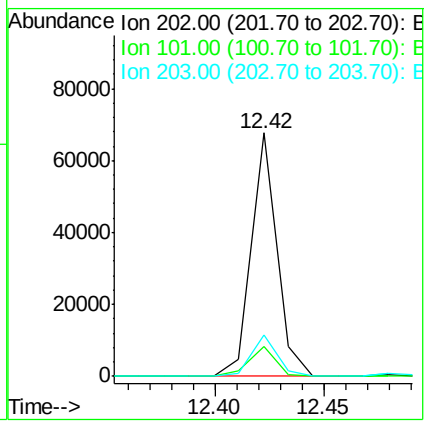




#74
Fluoranthene
Concen: 4.85 ng
RT: 12.42 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:202 Resp: 55323

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	33.1
203	17.1	0.0	38.1



Instrument :
BNA_F
ClientSampleId :
N8-B4(0-5)C

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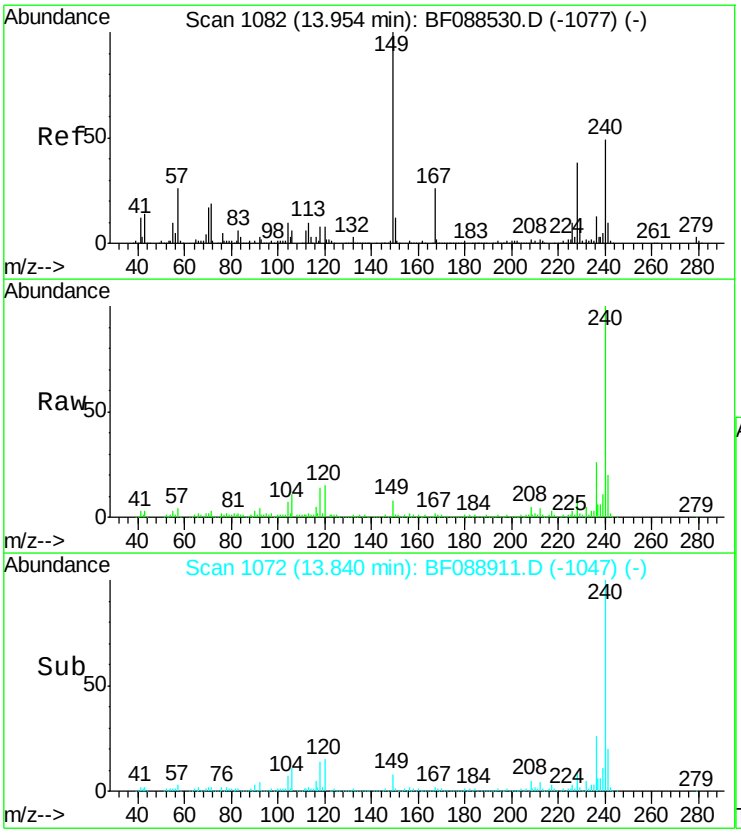
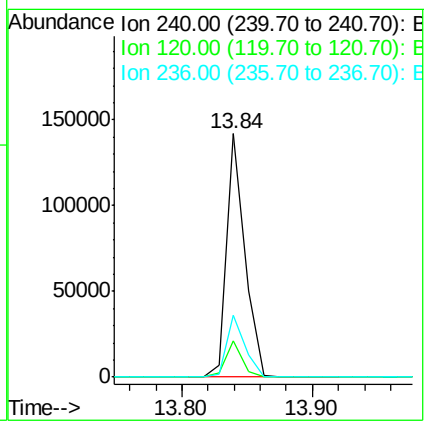
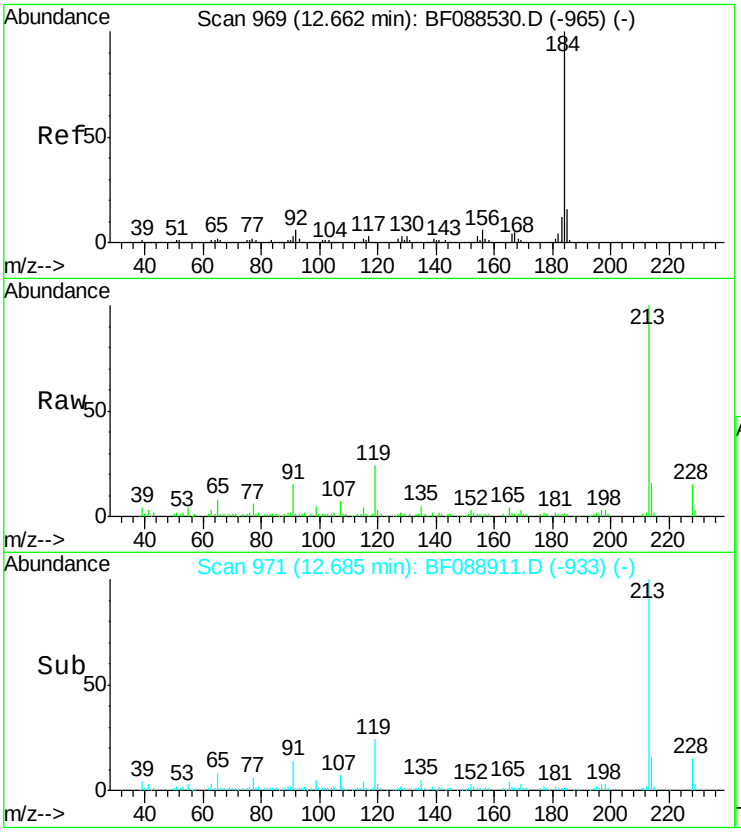


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:240 Resp: 138672

Ion	Ratio	Lower	Upper
240	100		
120	14.8	6.8	10.2#
236	25.6	20.2	30.2





#76
Benzidine
Concen: 0.20 ng
RT: 12.69 min Scan# 971
Delta R.T. 0.14 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:184 Resp: 1395

Ion	Ratio	Lower	Upper
184	100		
185	57.3	12.5	18.7#
183	151.0	9.3	13.9#

Instrument :
BNA_F
ClientSampleId :
N8-B4(0-5)C

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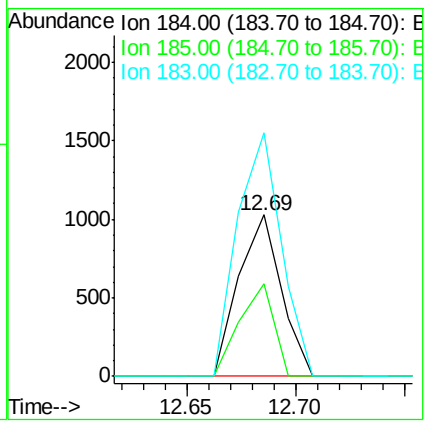
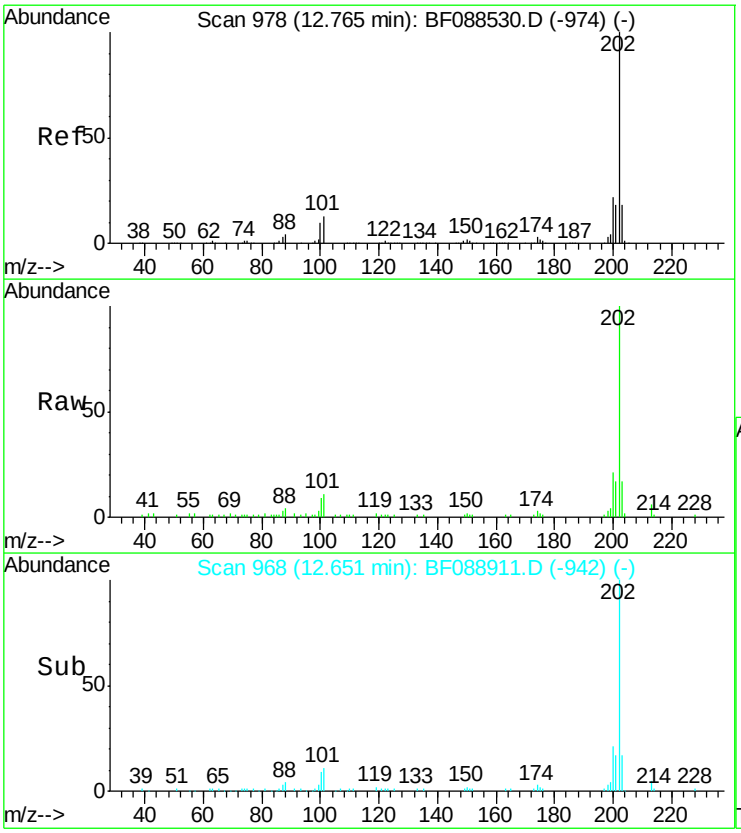
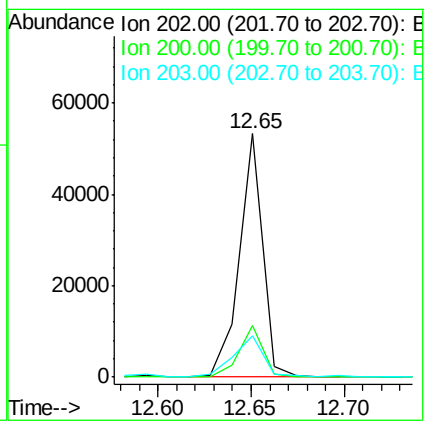


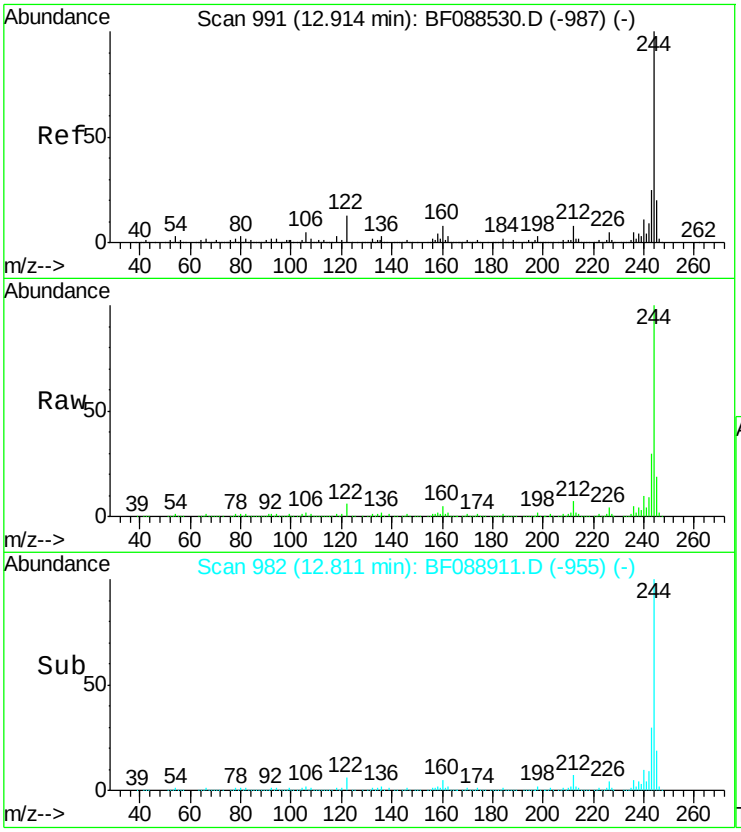


#77
Pyrene
Concen: 3.98 ng
RT: 12.65 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:202 Resp: 46775

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	16.9	14.5	21.7

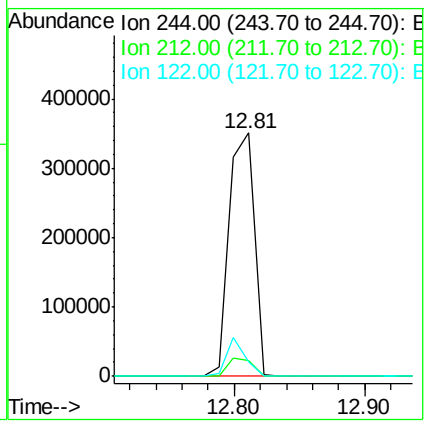




#78
Terphenyl-d14
Concen: 75.49 ng
RT: 12.81 min Scan# 982
Delta R.T. 0.01 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:244 Resp: 470010

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	5.9	11.2	16.8#



Instrument :
BNA_F
ClientSampleId :
N8-B4(0-5)C

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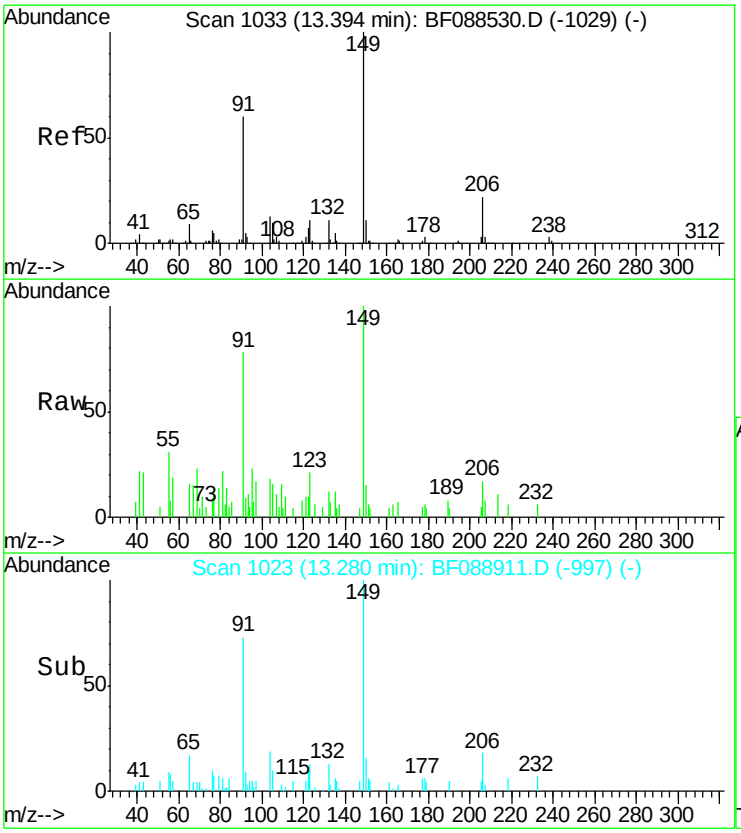
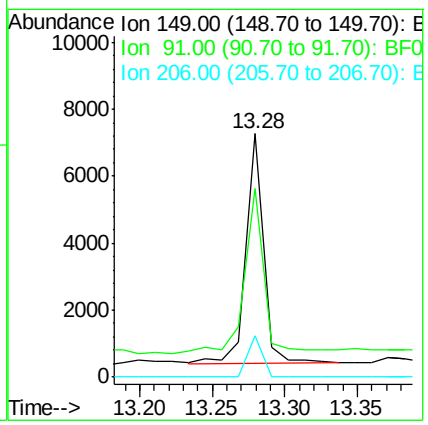
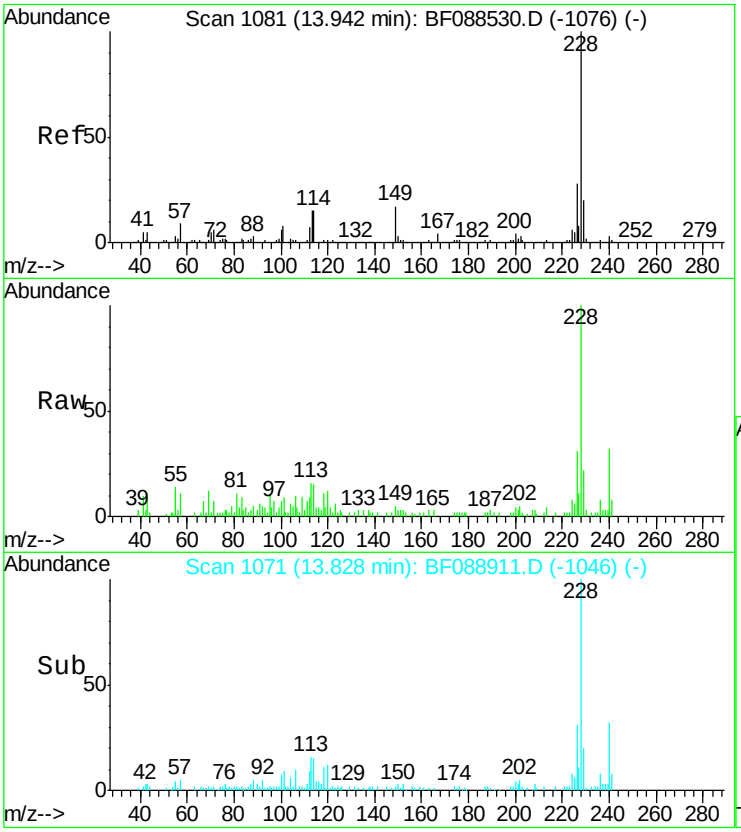


#79
Butylbenzylphthalate
Concen: 1.10 ng
RT: 13.28 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:149 Resp: 5795

Ion	Ratio	Lower	Upper
149	100		
91	77.6	48.0	72.0#
206	17.2	16.0	24.0

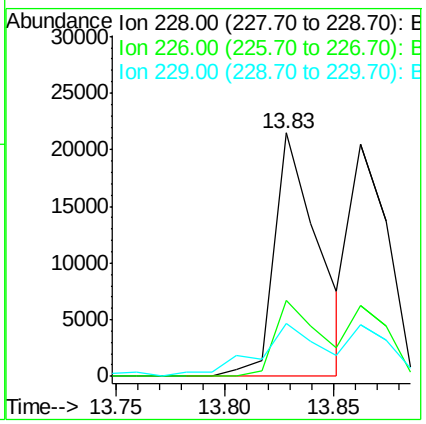




#80
Benzo(a)anthracene
Concen: 3.41 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:228 Resp: 30485

Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.3	33.5
229	21.9	16.0	24.0



Instrument :
BNA_F
ClientSampleId :
N8-B4(0-5)C

Manual Integrations
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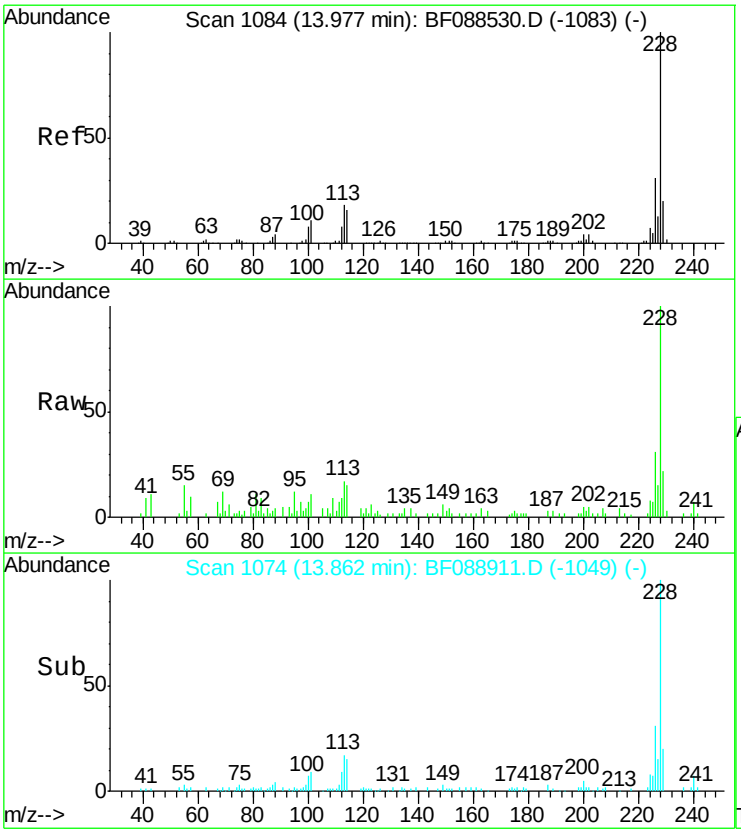
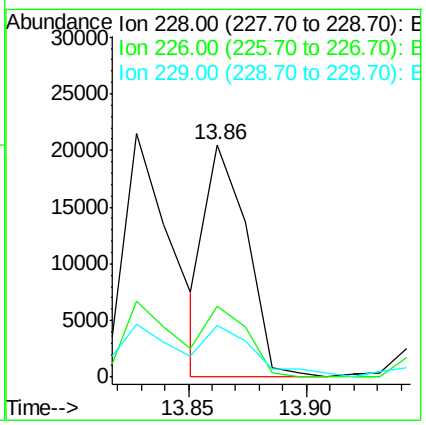
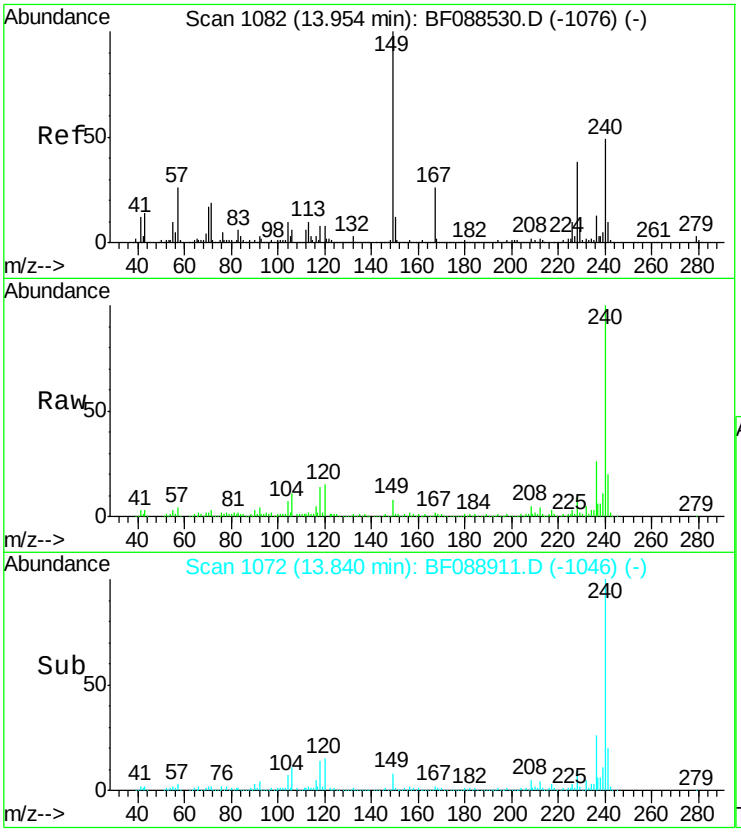


#82
Chrysene
Concen: 2.75 ng m
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:228 Resp: 24255

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.2
229	22.3	16.3	24.5





#83
Bis(2-ethylhexyl)phthalate
Concen: 2.38 ng
RT: 13.84 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:149 Resp: 14276

Ion	Ratio	Lower	Upper
149	100		
167	25.3	20.5	30.7
279	2.7	2.0	3.0

Instrument :
BNA_F
ClientSampleId :
N8-B4(0-5)C

Manual Integrations
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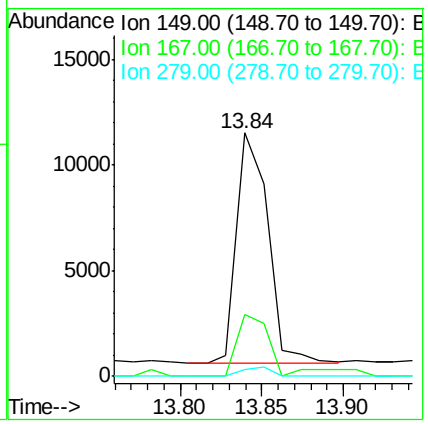
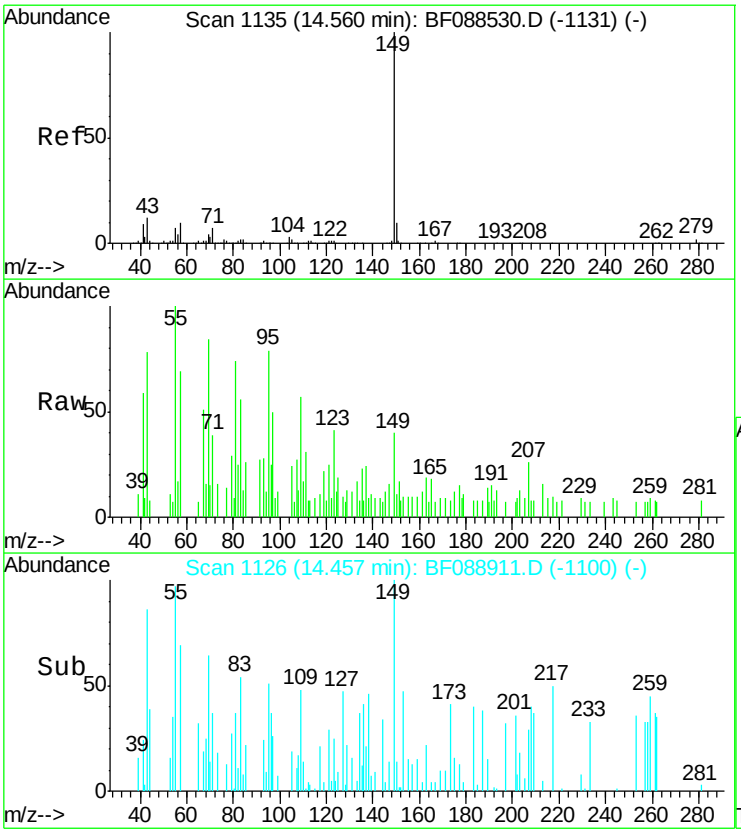
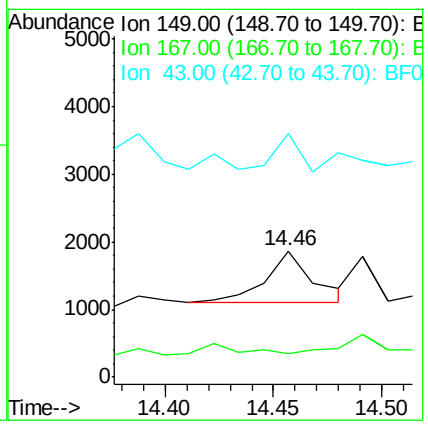


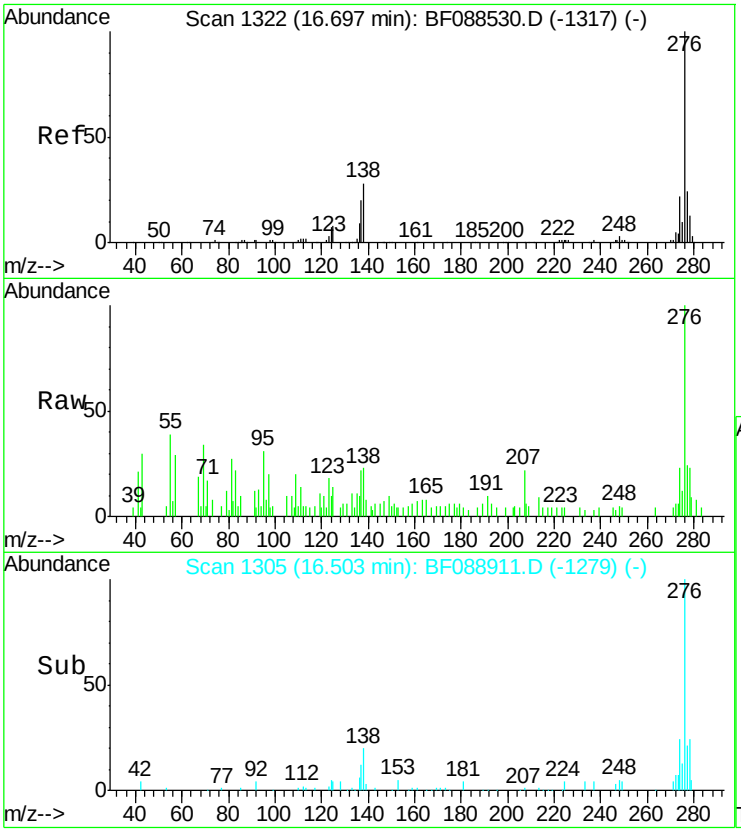


#84
Di-n-octyl phthalate
Concen: 0.11 ng
RT: 14.46 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:149 Resp: 1162

Ion	Ratio	Lower	Upper
149	100		
167	0.0	0.0	0.0
43	104.9	0.0	0.0#





#85
Indeno(1,2,3-cd)pyrene
Concen: 2.52 ng
RT: 16.50 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:276 Resp: 17098

Ion	Ratio	Lower	Upper
276	100		
138	27.2	0.0	0.0#
277	34.0	0.0	0.0#

Instrument :
BNA_F
ClientSampleId :
N8-B4(0-5)C

Manual Integrations
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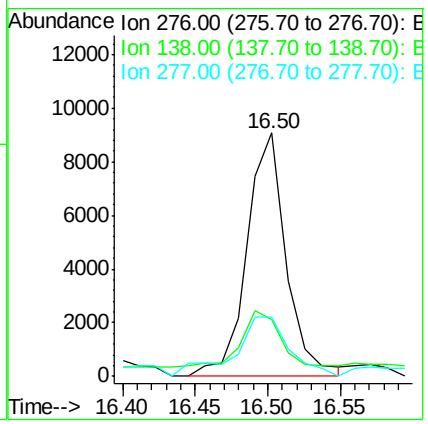
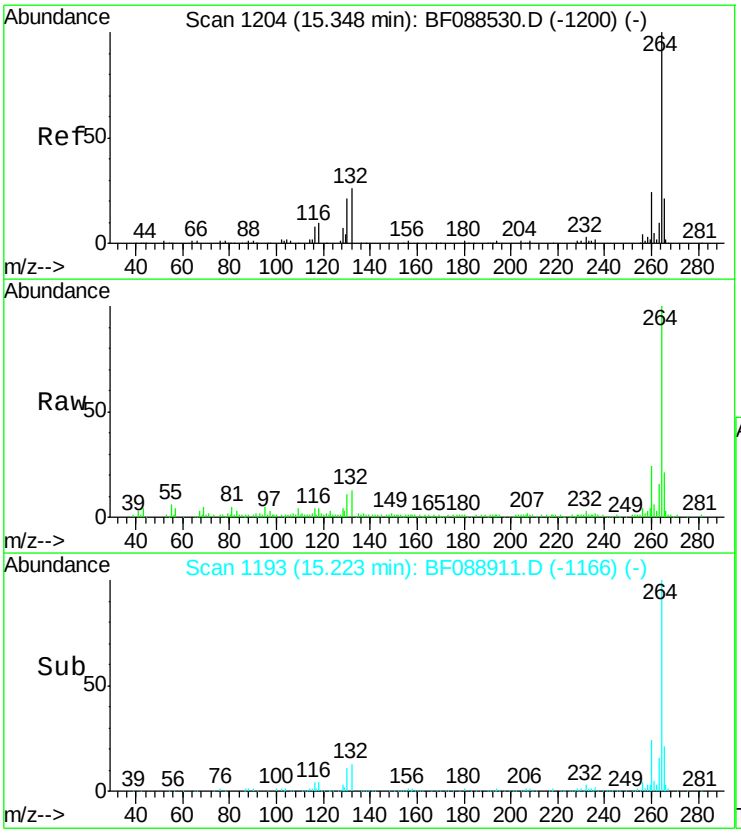
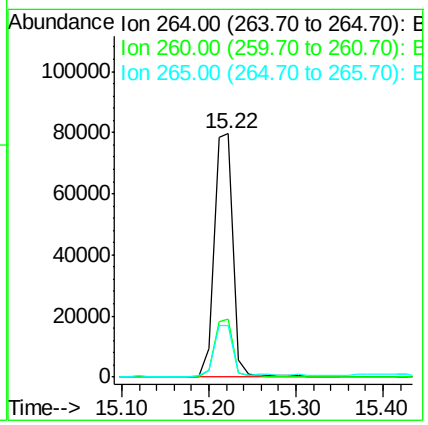


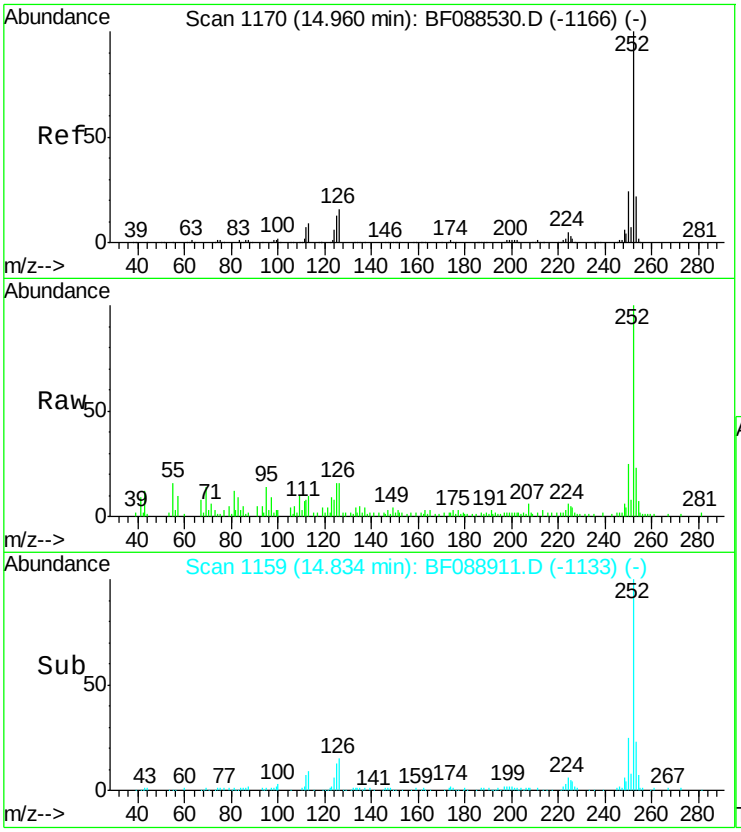


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:264 Resp: 121807

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.1	16.9	25.3





#87
Benzo(b)fluoranthene
Concen: 4.73 ng m
RT: 14.83 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:252 Resp: 36144

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	16.1	7.1	10.7#

Instrument :
BNA_F
ClientSampleId :
N8-B4(0-5)C

Manual Integrations
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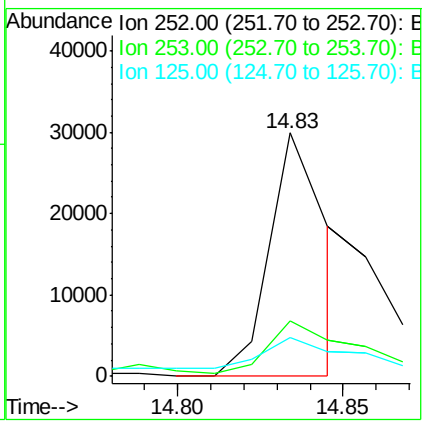
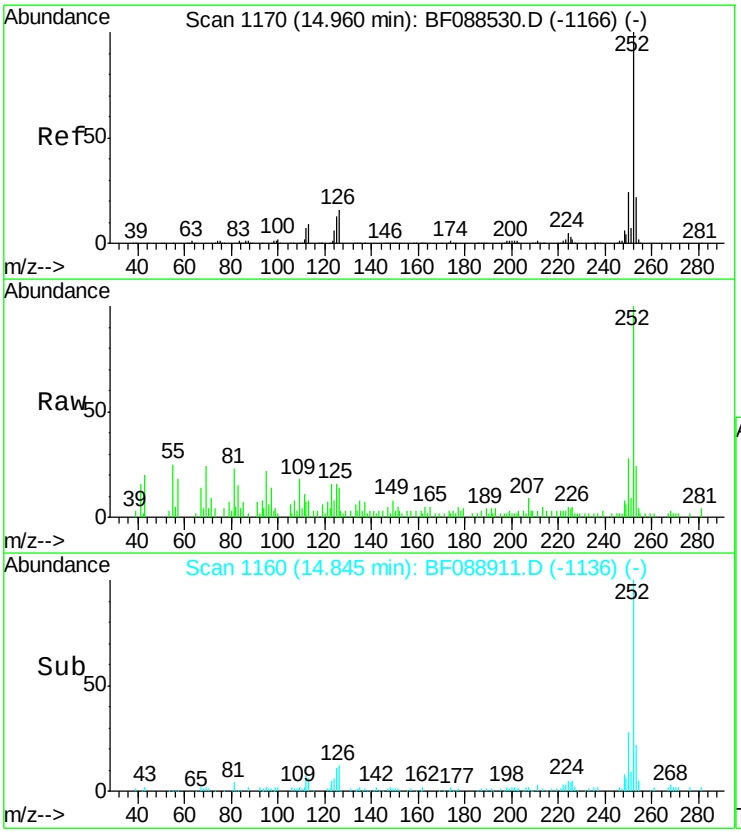
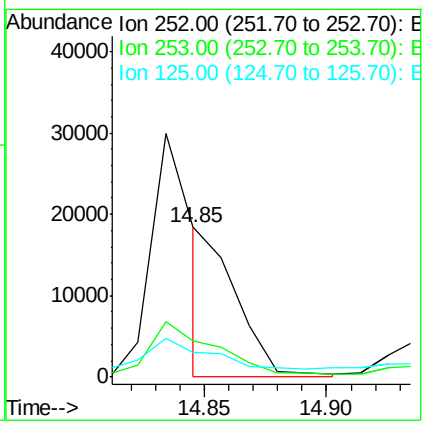


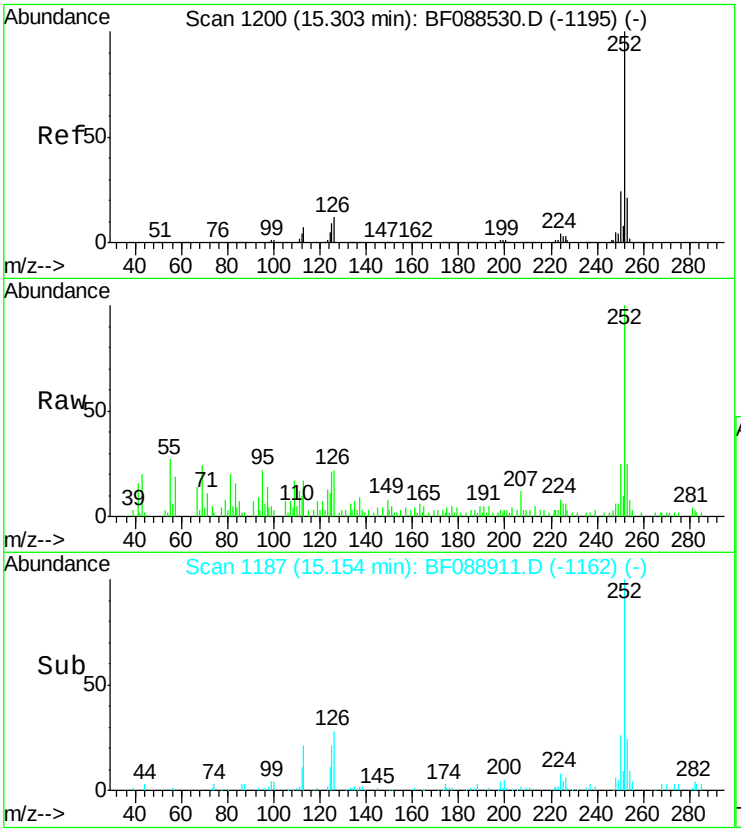


#88
Benzo(k)fluoranthene
Concen: 2.33 ng m
RT: 14.85 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:252 Resp: 15501

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	16.3	11.2	16.8





#89
Benzo(a)pyrene
Concen: 3.54 ng
RT: 15.15 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:252 Resp: 22879

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.9	26.9
125	21.1	12.5	18.7#

Instrument :
BNA_F
ClientSampleId :
N8-B4(0-5)C

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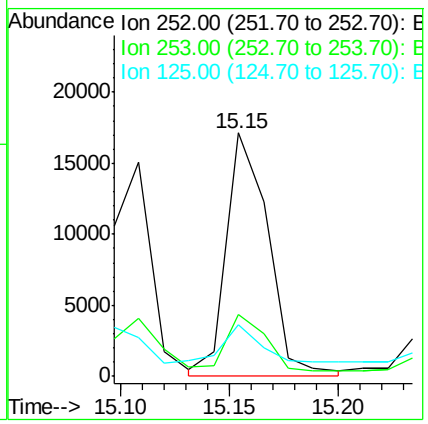
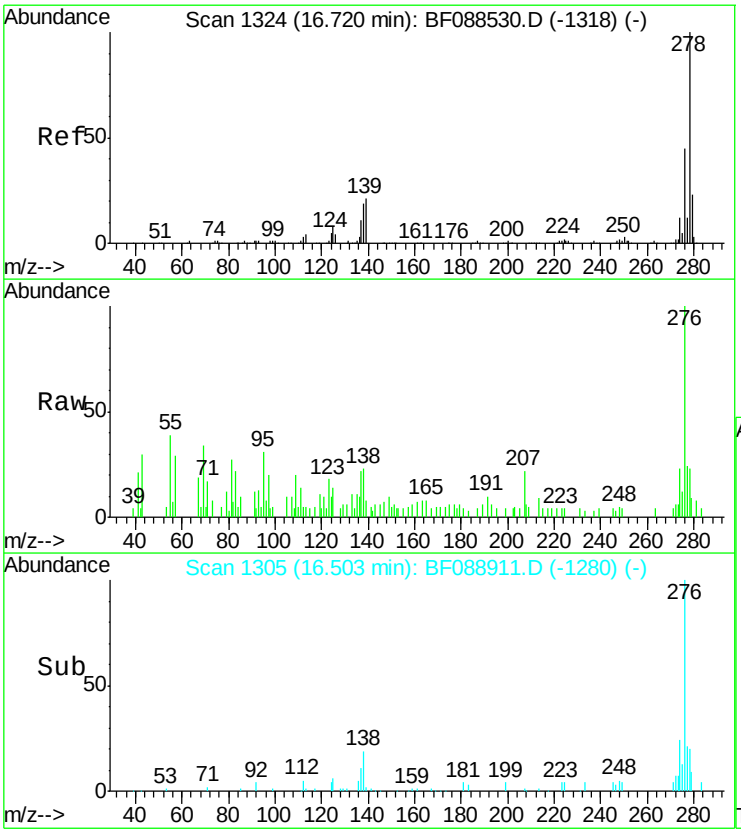
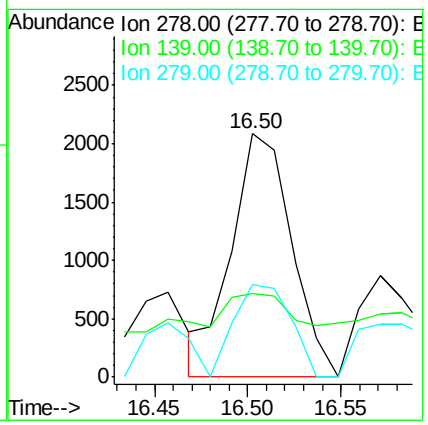


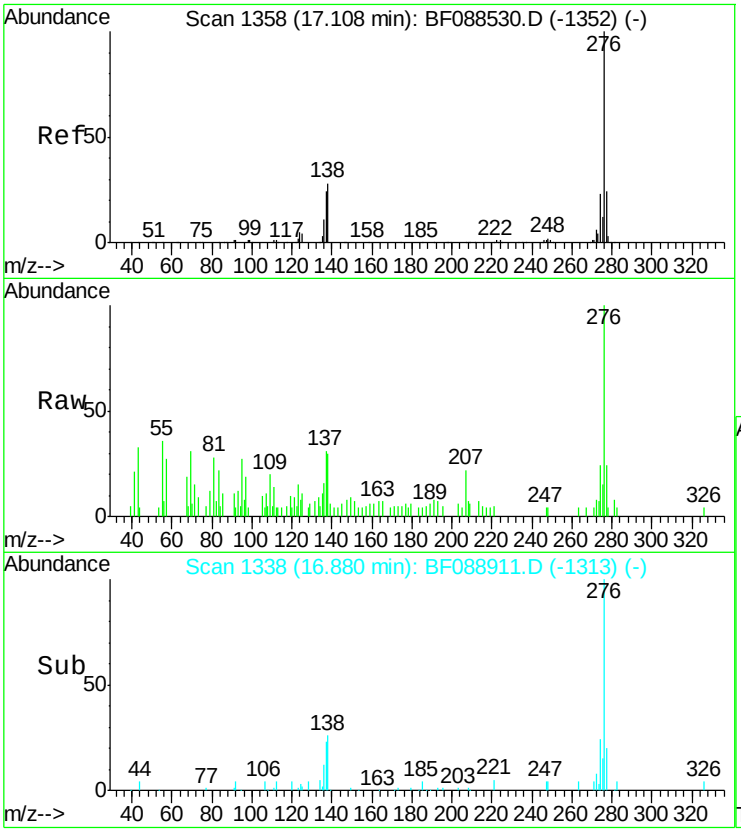


#90
Dibenzo(a,h)anthracene
Concen: 0.87 ng
RT: 16.50 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:278 Resp: 4690

Ion	Ratio	Lower	Upper
278	100		
139	34.5	15.7	23.5#
279	37.9	19.4	29.2#

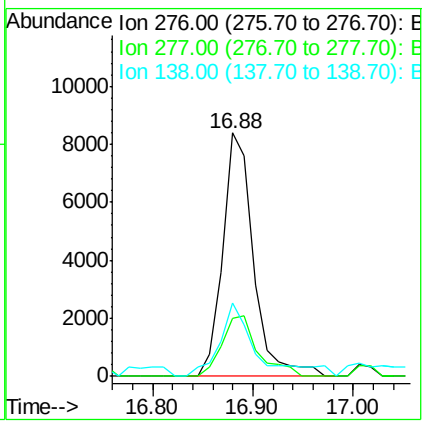




#91
Benzo(g,h,i)perylene
Concen: 3.18 ng
RT: 16.88 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF088911.D
Acq: 11 Jul 2016 20:52

Tgt Ion:276 Resp: 17750

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	30.3	21.4	32.2



Instrument :
BNA_F
ClientSampleId :
N8-B4(0-5)C

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