Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
Data File : BF086669.D
Acq On : 4 May 2016 11:20
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 04 15:07:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 13:24:44 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	160513	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	694703	20.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	339160	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	661584	20.00	ng		0.00
75) Chrysene-d12	13.88	240	493383	20.00	ng		0.00
86) Perylene-d12	15.27	264	340353	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	44769	4.81	ng		0.00
7) Phenol-d6	6.37	99	70789	5.45	ng		0.00
23) Nitrobenzene-d5	7.30	82	71124	5.52	ng		-0.01
41) 2,4,6-Tribromophenol	10.56	330	14446	4.04	ng		-0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	12.83	244	132134	5.90	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	14390	2.94	ng	#	75
4) n-Nitrosodimethylamine	2.92	42	15073	2.29	ng	#	51
6) Aniline	6.40	93	37750	2.40	ng		95
8) 2-Chlorophenol	6.51	128	33097	2.86	ng		84
10) Phenol	6.38	94	36313	2.51	ng		73
11) bis(2-Chloroethyl)ether	6.46	93	36381	2.90	ng		89
12) 1,3-Dichlorobenzene	6.67	146	34486m	2.77	ng		
13) 1,4-Dichlorobenzene	6.75	146	37074	2.88	ng		94
15) Benzyl Alcohol	6.89	79	20367	2.48	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	7.02	45	76686	3.06	ng		94
17) 2-Methylphenol	7.00	107	24649	2.63	ng		94
18) Hexachloroethane	7.25	117	13095	2.72	ng	#	78
19) n-Nitroso-di-n-propylamine	7.15	70	25325	2.95	ng	#	80
20) 3+4-Methylphenols	7.15	107	29883	2.79	ng	#	83
22) Acetophenone	7.15	105	43074	2.83	ng	#	91
24) Nitrobenzene	7.32	77	34083	2.57	ng		96
25) Isophorone	7.56	82	67506	2.72	ng		95
26) 2-Nitrophenol	7.64	139	13166	2.16	ng	#	84
27) 2,4-Dimethylphenol	7.69	122	28118	2.63	ng		91
28) bis(2-Chloroethoxy)methane	7.78	93	38233	2.83	ng		99
29) 2,4-Dichlorophenol	7.88	162	23917	2.65	ng		95
30) 1,2,4-Trichlorobenzene	7.96	180	28271	2.70	ng		94
31) Naphthalene	8.04	128	111187	3.15	ng		99
33) 4-Chloroaniline	8.10	127	34378	2.60	ng	#	92
34) Hexachlorobutadiene	8.17	225	17273	2.94	ng		99
35) Caprolactam	8.43	113	6740	2.24	ng		90
36) 4-Chloro-3-methylphenol	8.58	107	29569	2.86	ng		94
37) 2-Methylnaphthalene	8.74	142	59369	2.85	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	27121	2.79	ng		98
42) 2,4,6-Trichlorophenol	9.01	196	14182	2.31	ng		94
43) 2,4,5-Trichlorophenol	9.06	196	15476	2.31	ng		94
45) 1,1'-Biphenyl	9.20	154	83043	2.93	ng		97
46) 2-Chloronaphthalene	9.22	162	61467	2.85	ng		93
47) 2-Nitroaniline	9.32	65	18009	2.61	ng	#	81

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Sample : SSTDICC02.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: May 04 15:07:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Dimethylphthalate	9.49	163	69992	2.74	ng		99
50) 2,6-Dinitrotoluene	9.56	165	13494	2.56	ng		92
51) Acenaphthene	9.80	154	63129	2.92	ng		99
52) 3-Nitroaniline	9.73	138	15676	2.61	ng	#	80
54) Dibenzofuran	9.97	168	74883	2.77	ng		94
56) 2,4-Dinitrotoluene	9.96	165	16489	2.45	ng	#	94
58) 2,3,4,6-Tetrachlorophenol	10.10	232	10501	2.01	ng	#	91
59) Diethylphthalate	10.20	149	68149	2.82	ng		95
61) 4-Nitroaniline	10.35	138	13059	2.23	ng		78
62) Azobenzene	10.48	77	70749	2.67	ng		89
65) n-Nitrosodiphenylamine	10.43	169	58026	2.81	ng		98
66) 4-Bromophenyl-phenylether	10.81	248	16912	2.48	ng	#	82
67) Hexachlorobenzene	10.86	284	21769	2.76	ng	#	82
68) Atrazine	10.96	200	16986	2.74	ng		95
70) Phenanthrene	11.28	178	102938	2.96	ng		98
71) Anthracene	11.33	178	103662	2.80	ng		97
72) Carbazole	11.48	167	84773	2.58	ng		99
73) Di-n-butylphthalate	11.82	149	107562	2.89	ng		99
74) Fluoranthene	12.45	202	97999	2.80	ng		97
77) Pyrene	12.68	202	107485	3.02	ng		98
79) Butylbenzylphthalate	13.31	149	34176	2.22	ng	#	62
80) Benzo(a)anthracene	13.87	228	75736	2.88	ng		98
81) 3,3'-Dichlorobenzidine	13.84	252	41623	2.37	ng		96
82) Chrysene	13.91	228	83385	2.92	ng		98
83) Bis(2-ethylhexyl)phthalate	13.88	149	44994	2.35	ng		98
85) Indeno(1,2,3-cd)pyrene	16.58	276	52906	2.50	ng		95
87) Benzo(b)fluoranthene	14.88	252	45918m	2.29	ng		
89) Benzo(a)pyrene	15.21	252	51953	2.75	ng		96
90) Dibenzo(a,h)anthracene	16.59	278	43048	2.78	ng		96
91) Benzo(g,h,i)perylene	16.97	276	47965	3.09	ng		92

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

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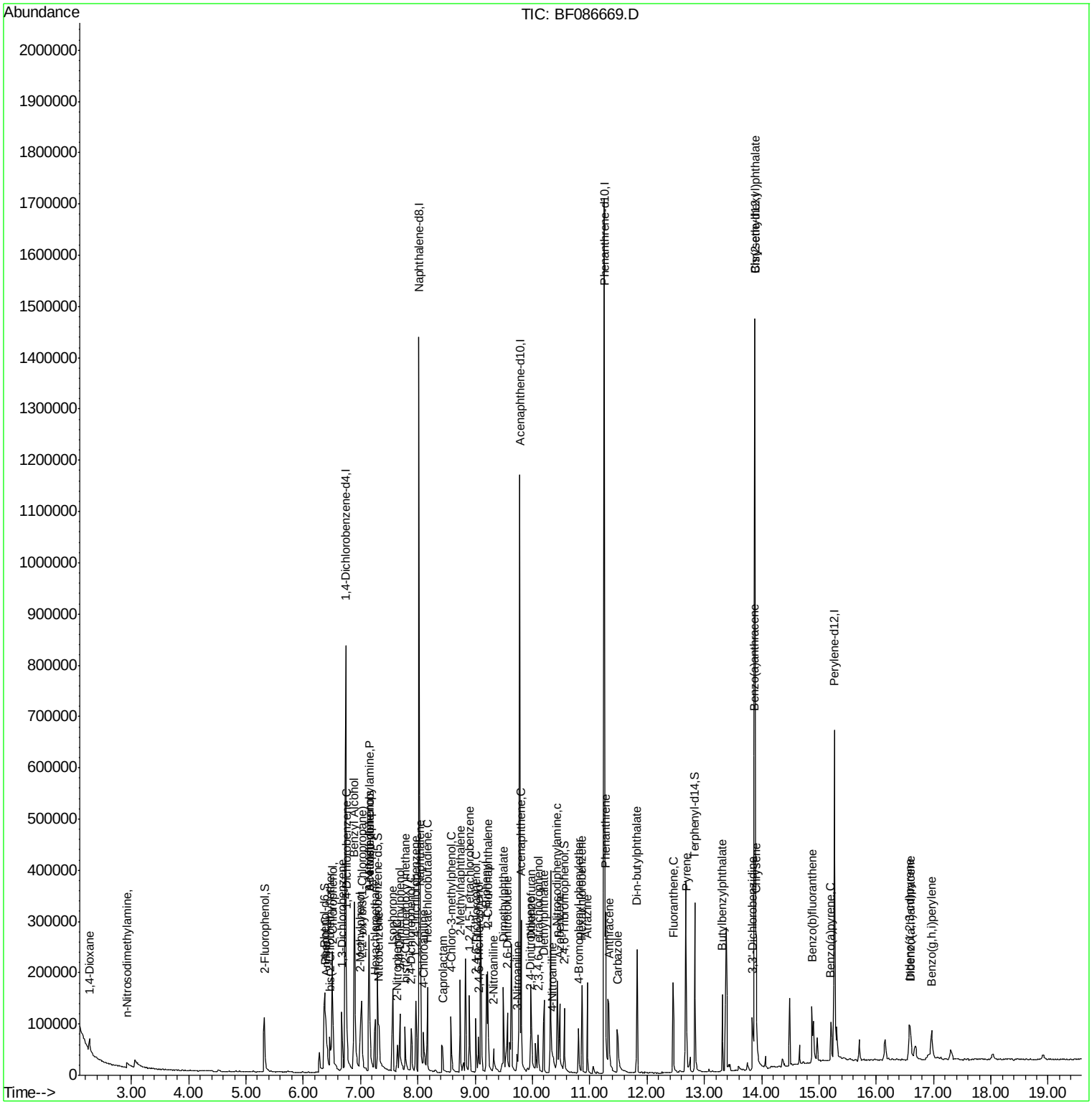
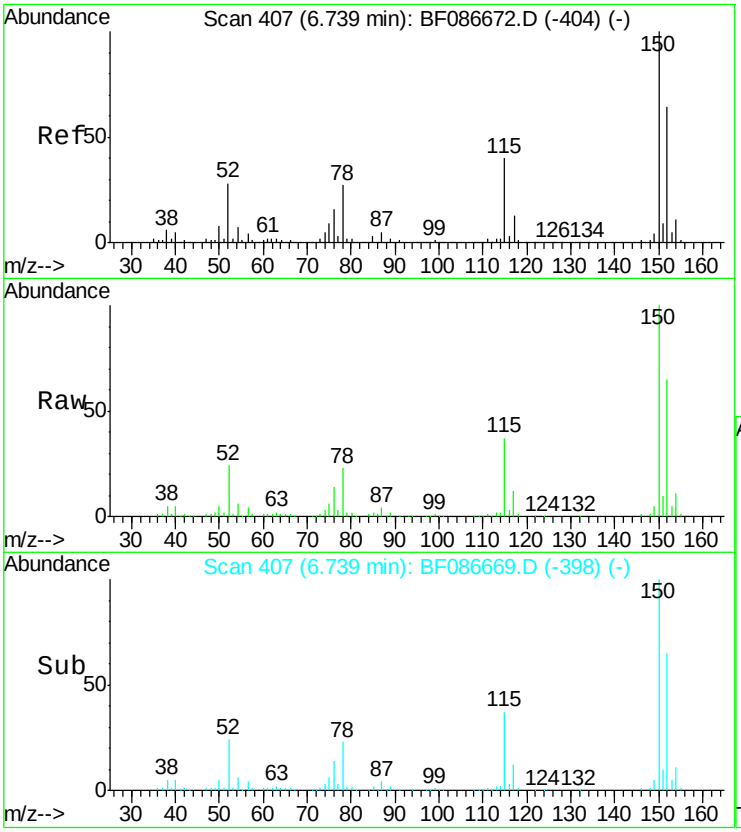
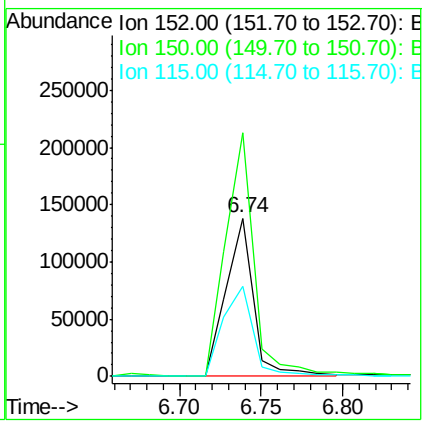




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:152 Resp: 160513

Ion	Ratio	Lower	Upper
152	100		
150	154.0	125.8	188.6
115	56.8	51.5	77.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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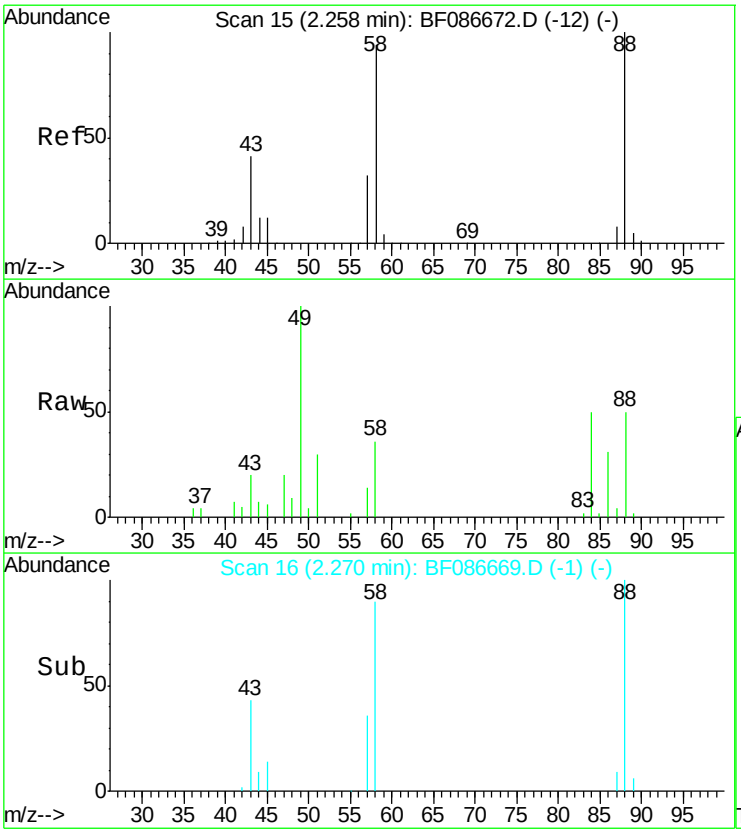
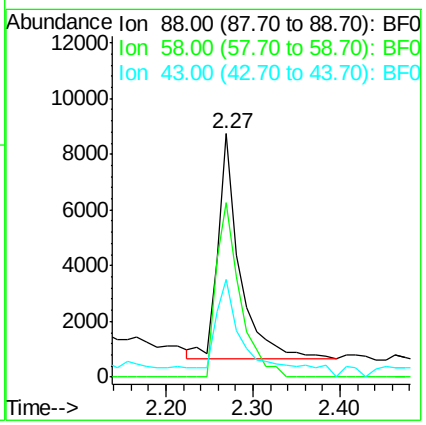
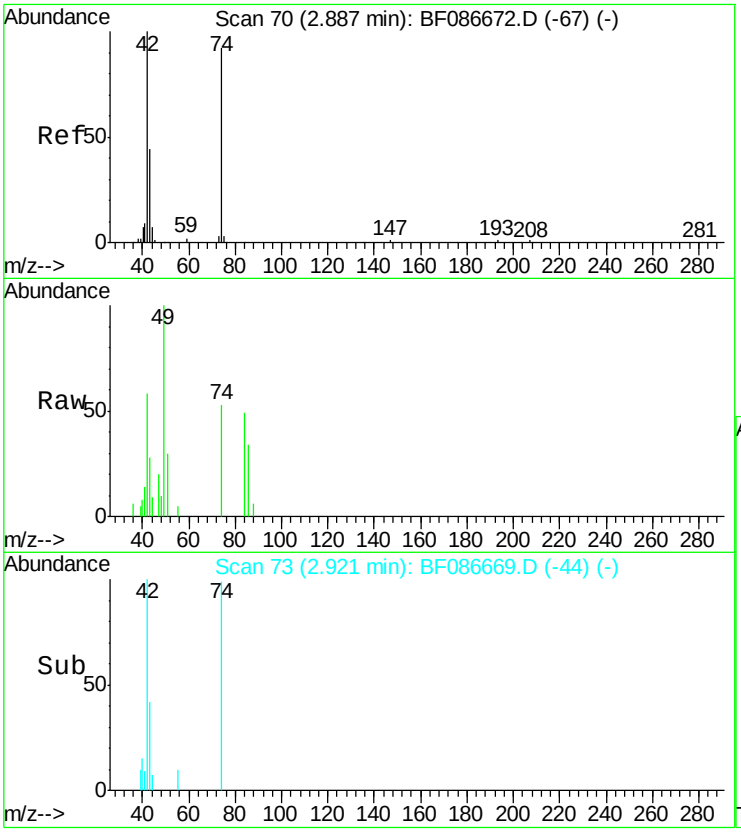


#2
1,4-Dioxane
Concen: 2.94 ng
RT: 2.27 min Scan# 16
Delta R.T. 0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion: 88 Resp: 14390

Ion	Ratio	Lower	Upper
88	100		
58	83.1	59.6	89.4
43	61.7	21.8	32.6#

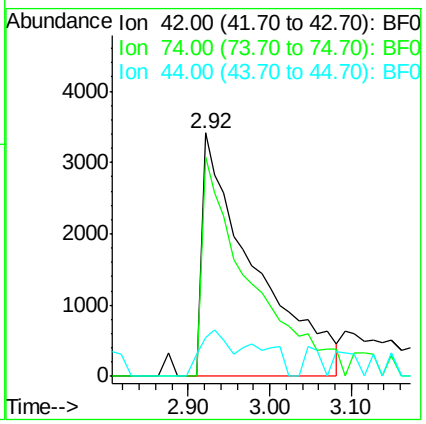




#4
n-Nitrosodimethylamine
Concen: 2.29 ng
RT: 2.92 min Scan# 73
Delta R.T. 0.03 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion: 42 Resp: 15073

Ion	Ratio	Lower	Upper
42	100		
74	90.1	123.4	185.0#
44	16.0	5.8	8.6#



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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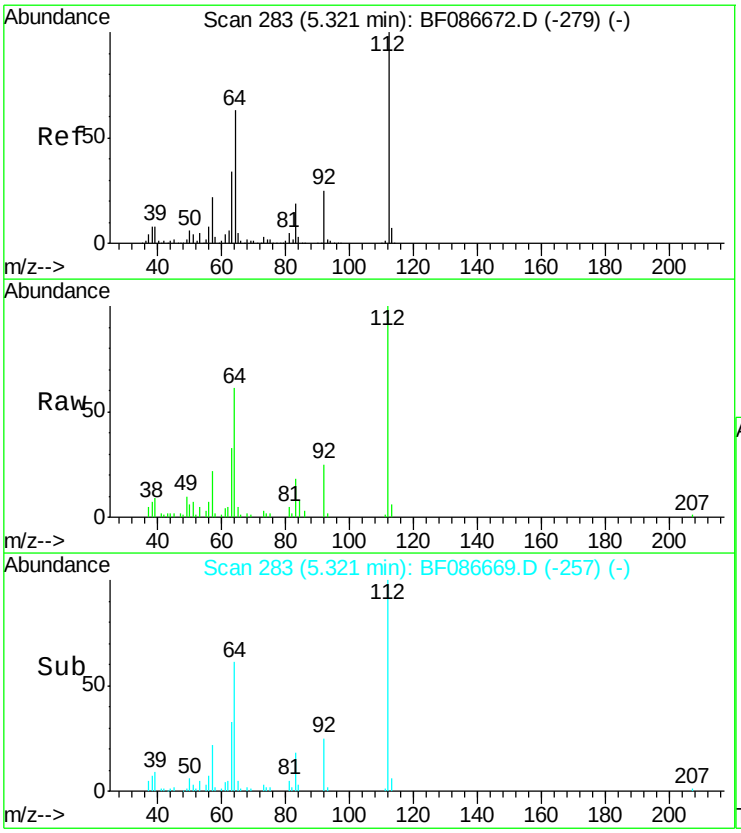
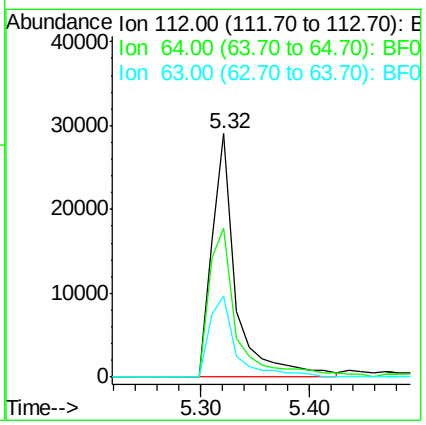
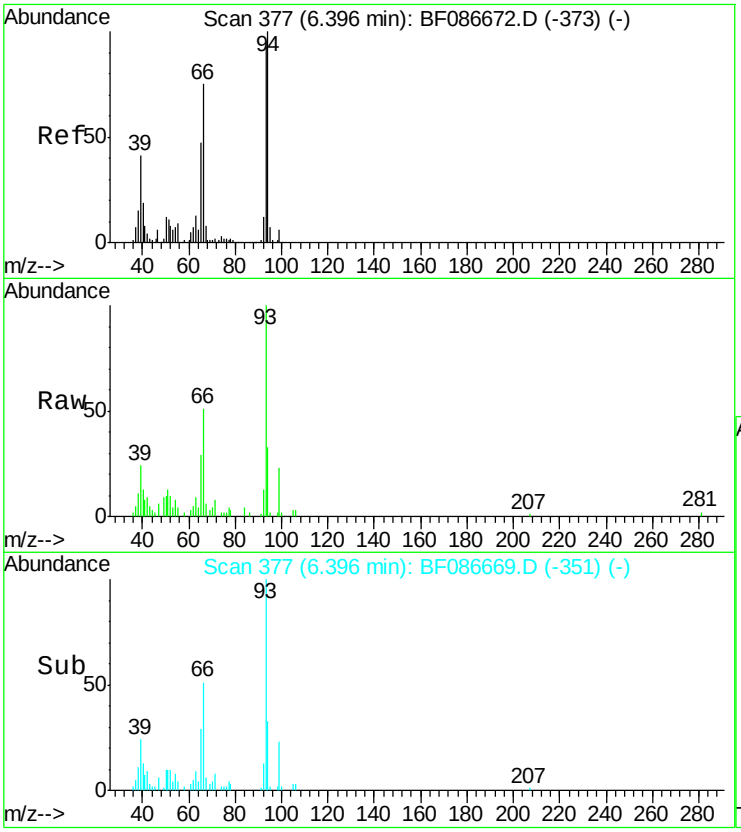


#5
2-Fluorophenol
Concen: 4.81 ng
RT: 5.32 min Scan# 283
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:112 Resp: 44769

Ion	Ratio	Lower	Upper
112	100		
64	61.4	52.1	78.1
63	33.3	25.7	38.5

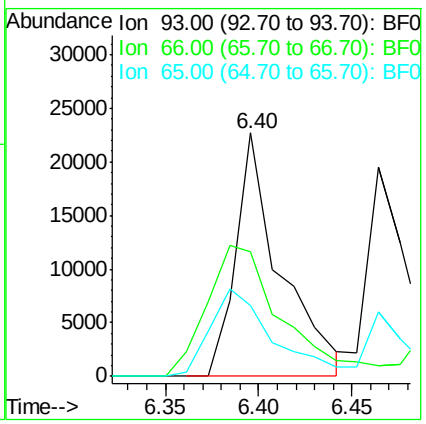




#6
Aniline
Concen: 2.40 ng
RT: 6.40 min Scan# 377
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion: 93 Resp: 37750

Ion	Ratio	Lower	Upper
93	100		
66	51.1	39.0	58.6
65	29.2	20.6	31.0



Instrument :
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ClientSampleId :
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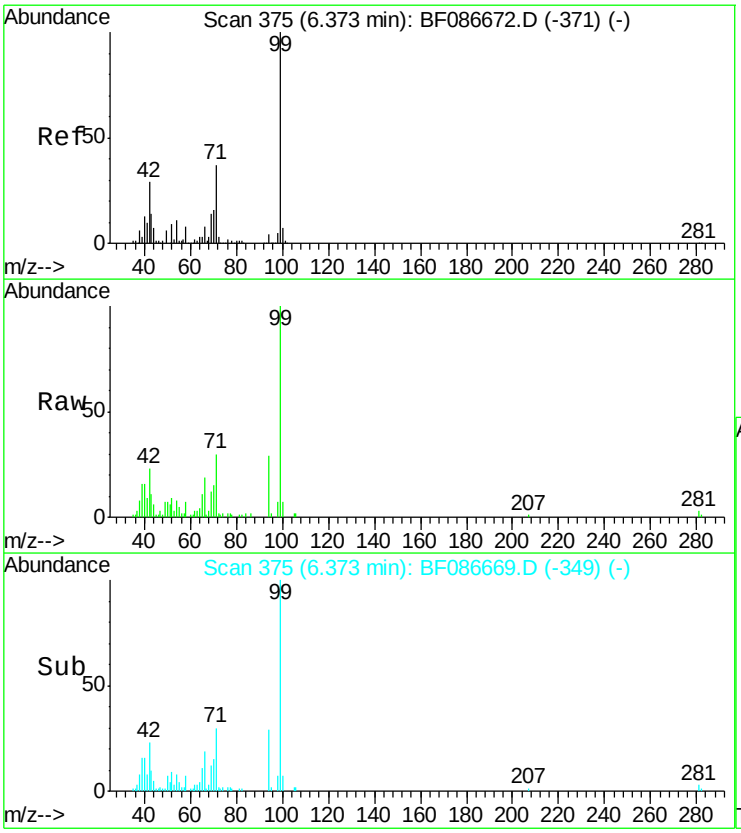
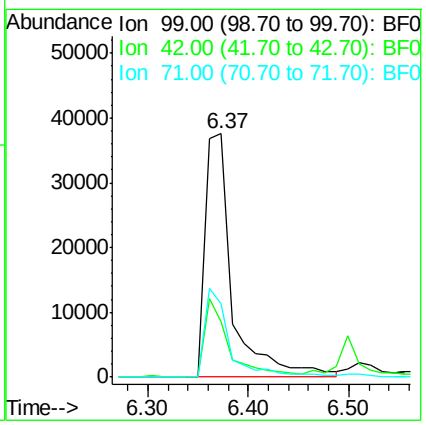
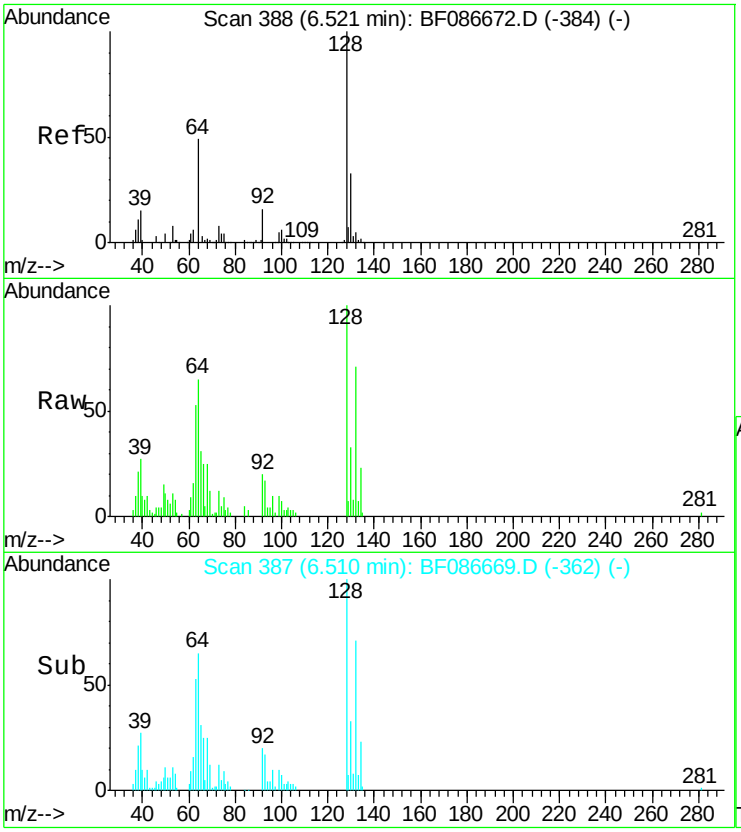


#7
Phenol-d6
Concen: 5.45 ng
RT: 6.37 min Scan# 375
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion: 99 Resp: 70789

Ion	Ratio	Lower	Upper
99	100		
42	22.9	13.6	20.4#
71	30.3	24.6	36.8

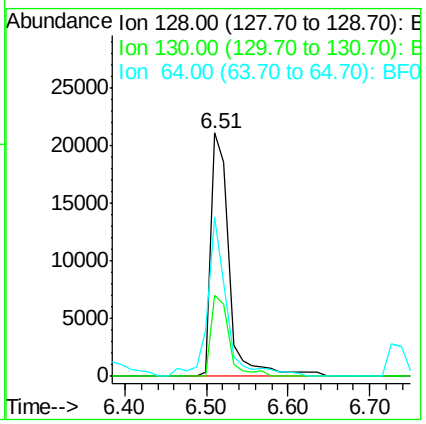




#8
2-Chlorophenol
Concen: 2.86 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:128 Resp: 33097

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.5	52.5
64	65.3	27.3	67.3



Instrument :
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ClientSampleId :
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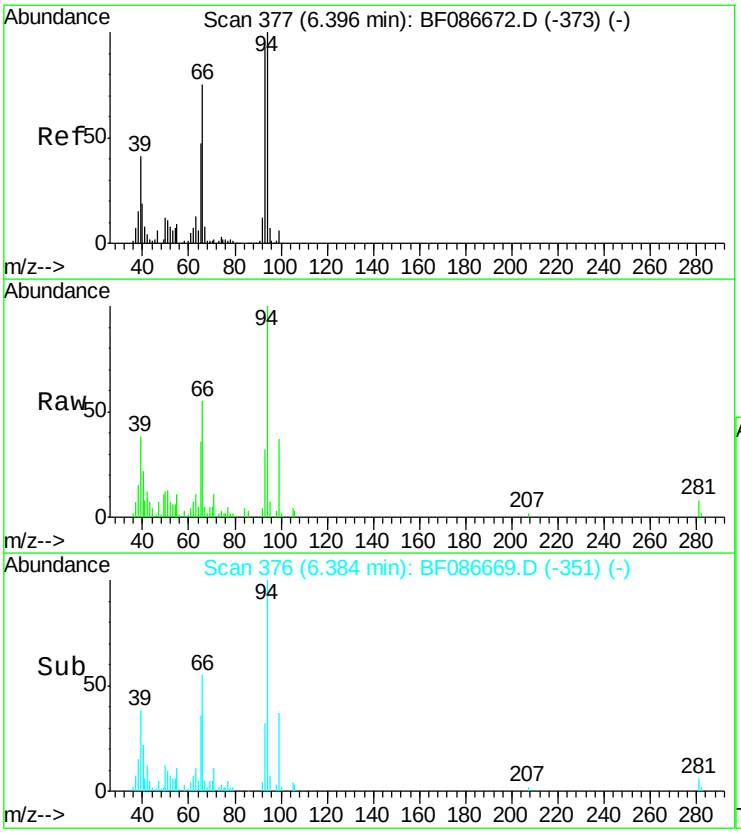
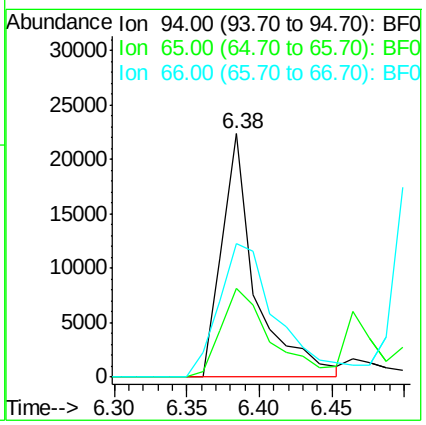
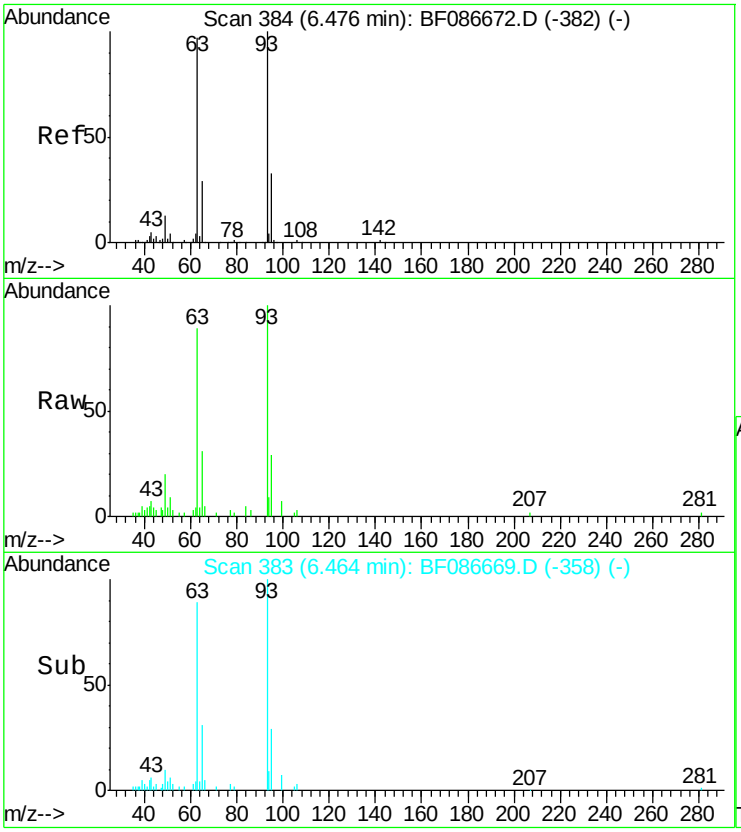


#10
Phenol
Concen: 2.51 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion: 94 Resp: 36313

Ion	Ratio	Lower	Upper
94	100		
65	36.4	7.2	47.2
66	54.7	14.9	54.9

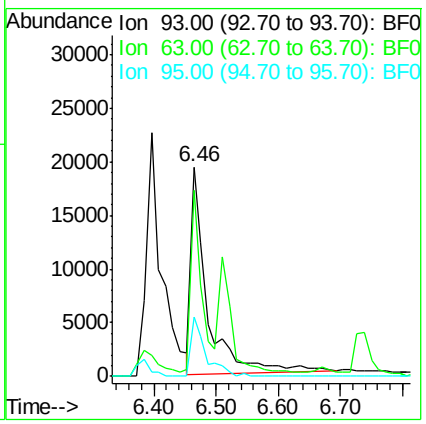




#11
bis(2-Chloroethyl)ether
Concen: 2.90 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion: 93 Resp: 36381

Ion	Ratio	Lower	Upper
93	100		
63	88.8	58.0	98.0
95	28.6	11.9	51.9



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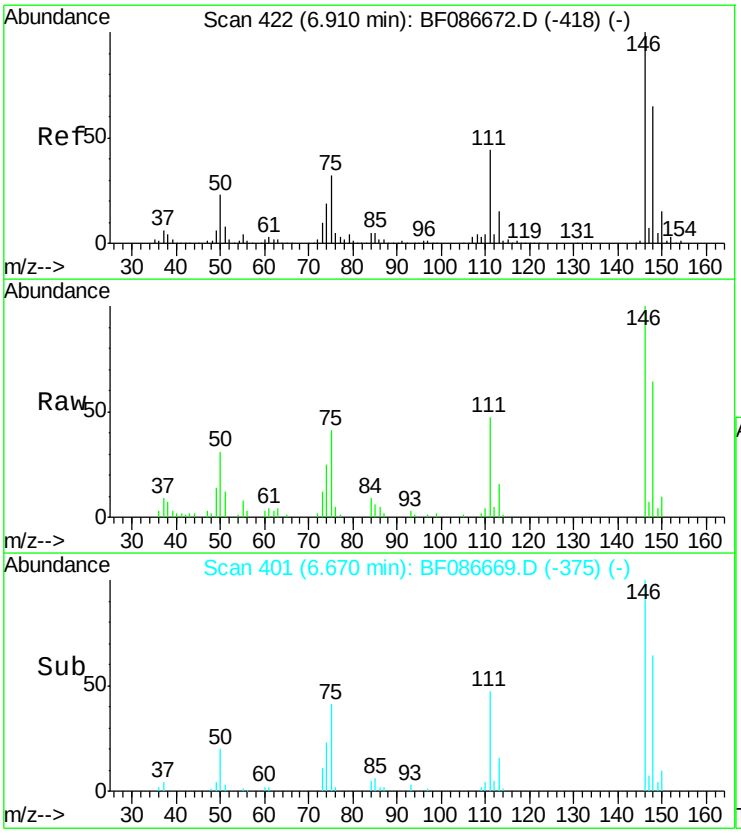
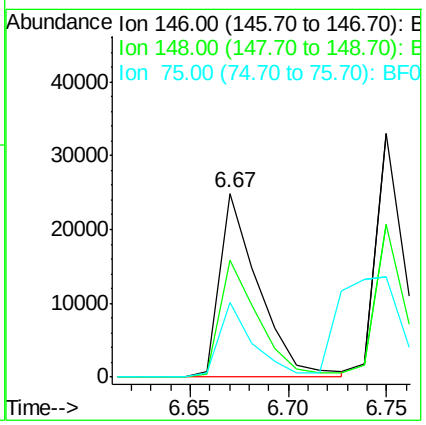
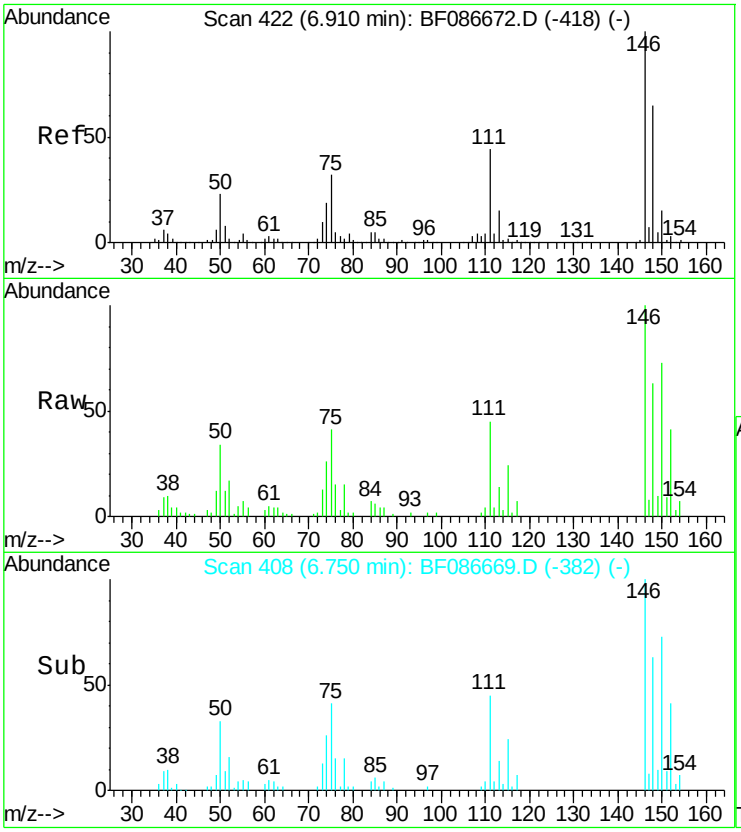


#12
1,3-Dichlorobenzene
Concen: 2.77 ng m
RT: 6.67 min Scan# 401
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:146 Resp: 34486

Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.4	78.6
75	40.6	22.8	34.2#

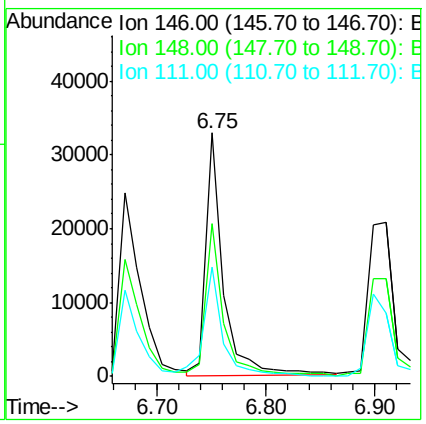




#13
1,4-Dichlorobenzene
Concen: 2.88 ng
RT: 6.75 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:146 Resp: 37074

Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.2	78.4
111	44.7	30.7	46.1



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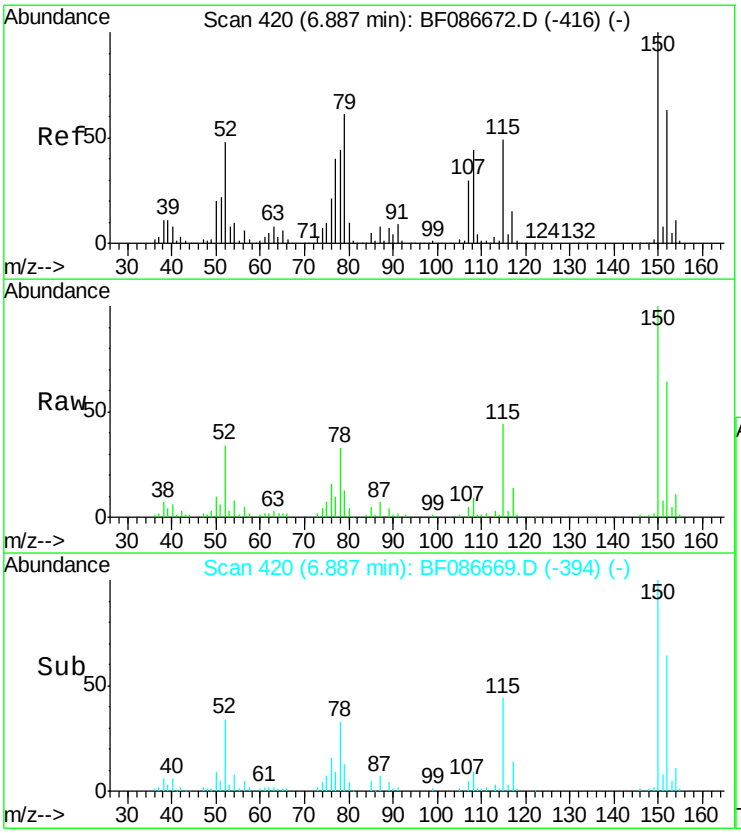
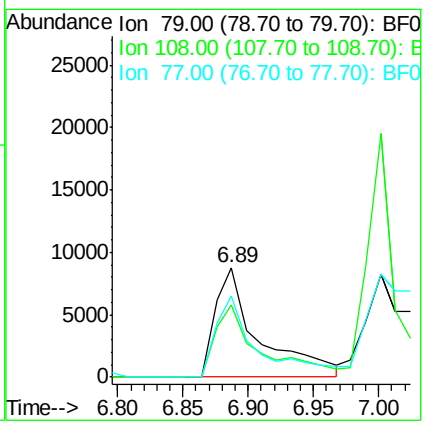
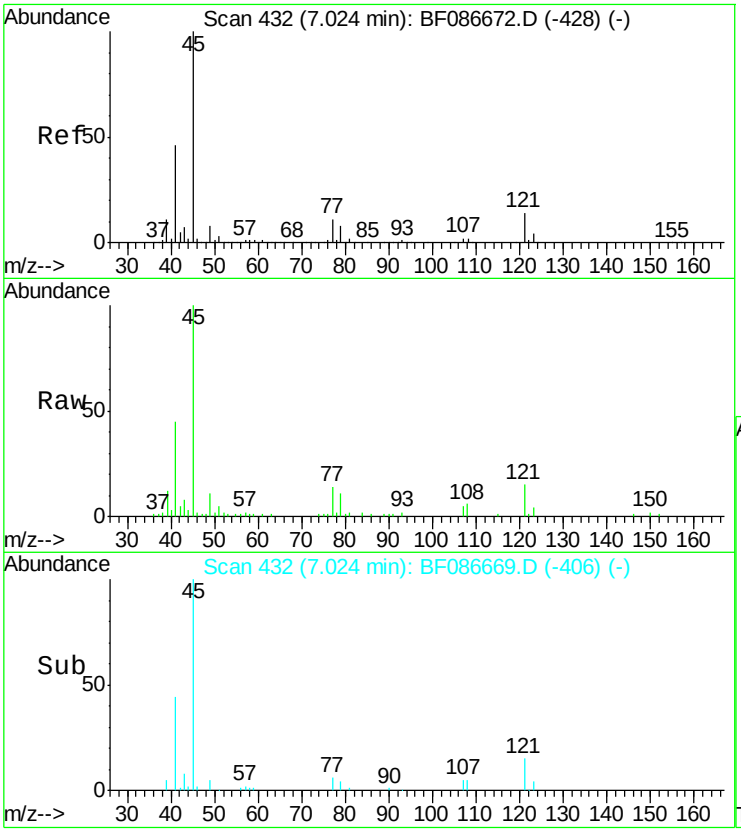


#15
Benzyl Alcohol
Concen: 2.48 ng
RT: 6.89 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion: 79 Resp: 20367

Ion	Ratio	Lower	Upper
79	100		
108	66.0	68.4	102.6#
77	73.7	50.6	76.0

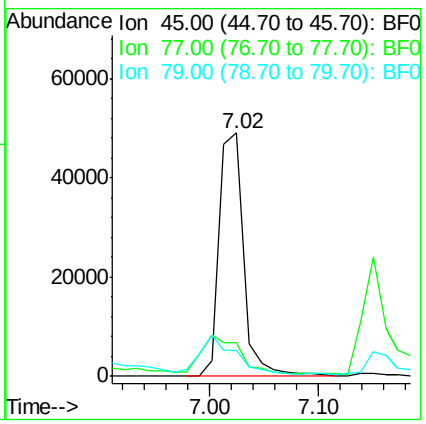




#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.06 ng
RT: 7.02 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion: 45 Resp: 76686

Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	36.4
79	10.8	0.0	33.4



Instrument :
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ClientSampleId :
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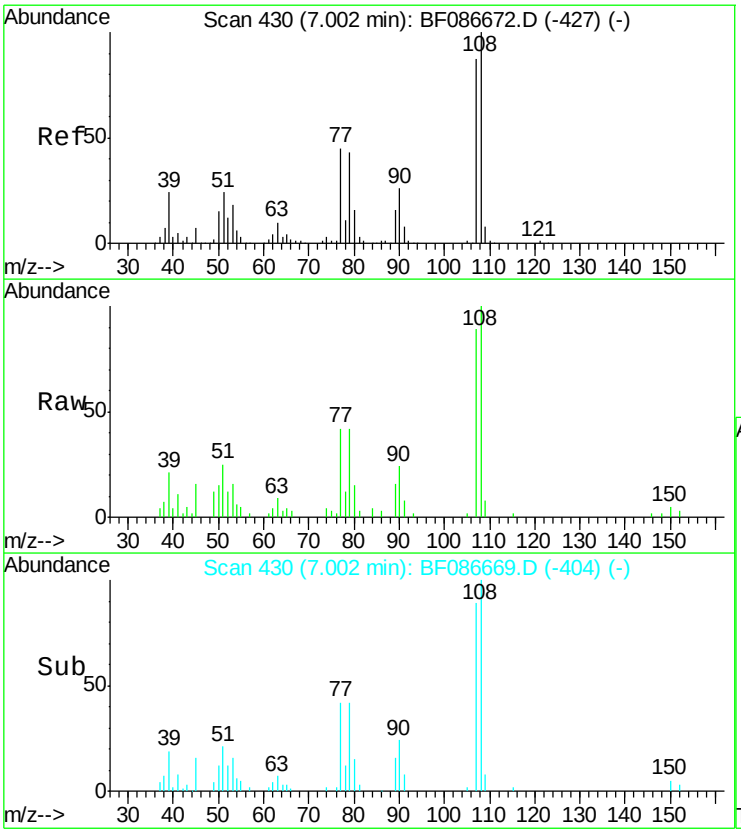
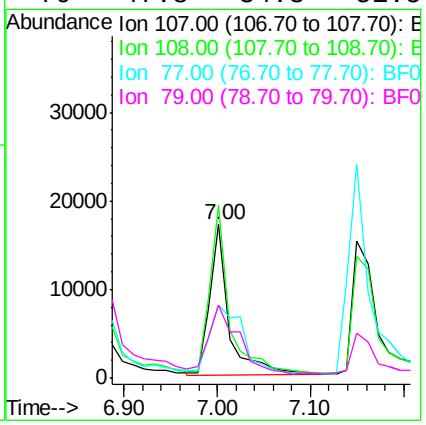
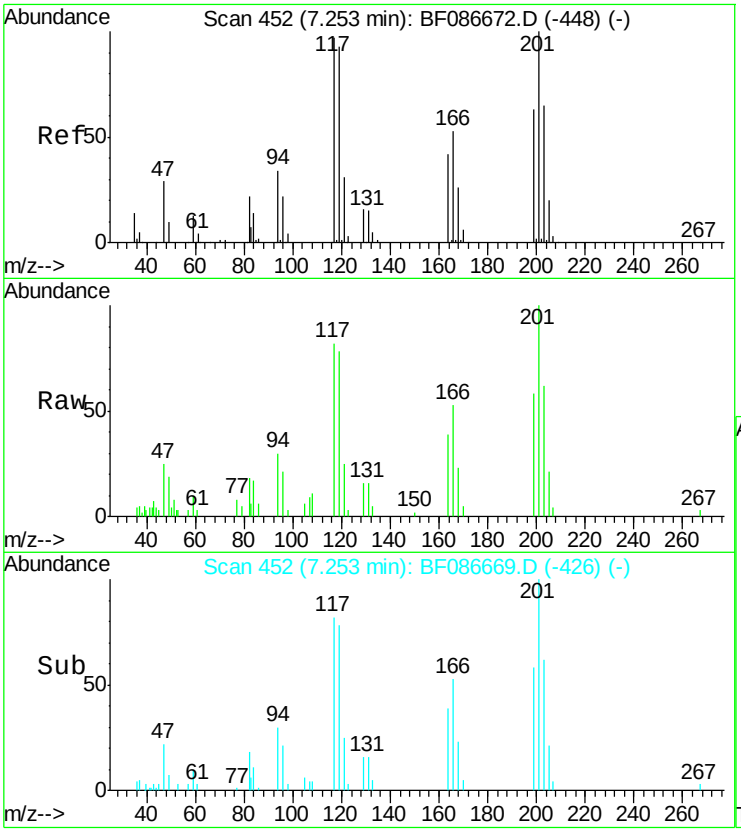


#17
2-Methylphenol
Concen: 2.63 ng
RT: 7.00 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:107 Resp: 24649

Ion	Ratio	Lower	Upper
107	100		
108	112.7	93.7	140.5
77	47.5	33.4	50.0
79	47.8	34.3	51.5





#18
Hexachloroethane
Concen: 2.72 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:117 Resp: 13095

Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.5	114.7
201	121.8	63.0	94.6#

Instrument :
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ClientSampleId :
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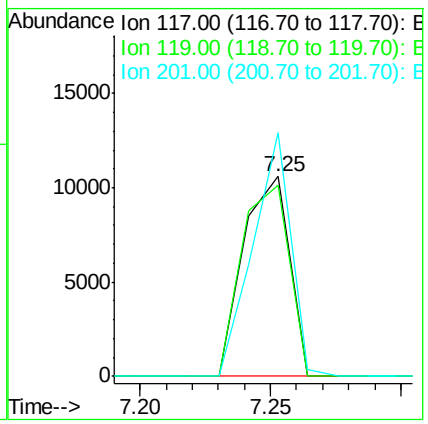
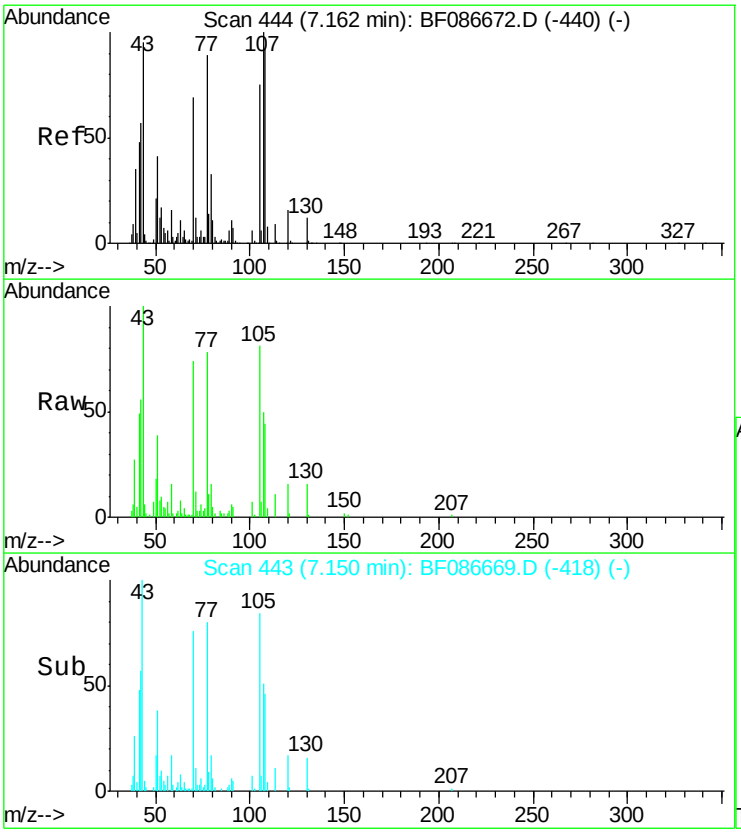
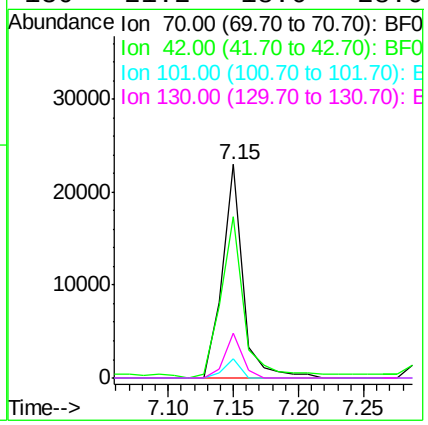


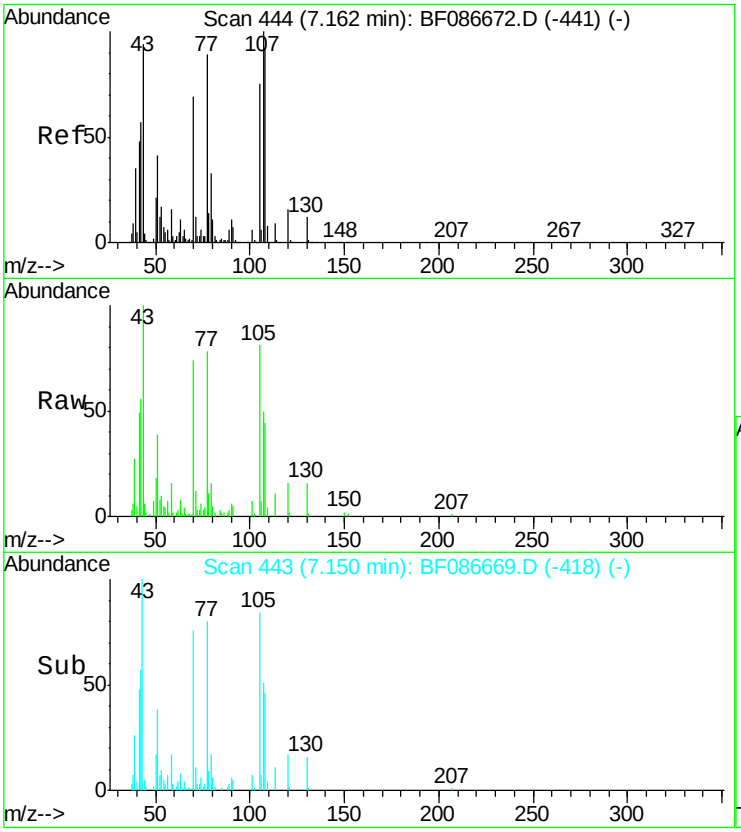


#19
n-Nitroso-di-n-propylamine
Concen: 2.95 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion: 70 Resp: 25325

Ion	Ratio	Lower	Upper
70	100		
42	75.2	43.1	64.7#
101	9.3	8.1	12.1
130	21.2	18.6	28.0

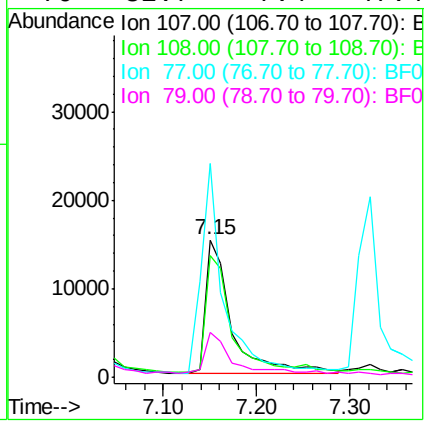




#20
3+4-Methylphenols
Concen: 2.79 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:107 Resp: 29883

Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.5	108.5
77	155.7	101.6	141.6#
79	32.7	7.4	47.4



Instrument :
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ClientSampleId :
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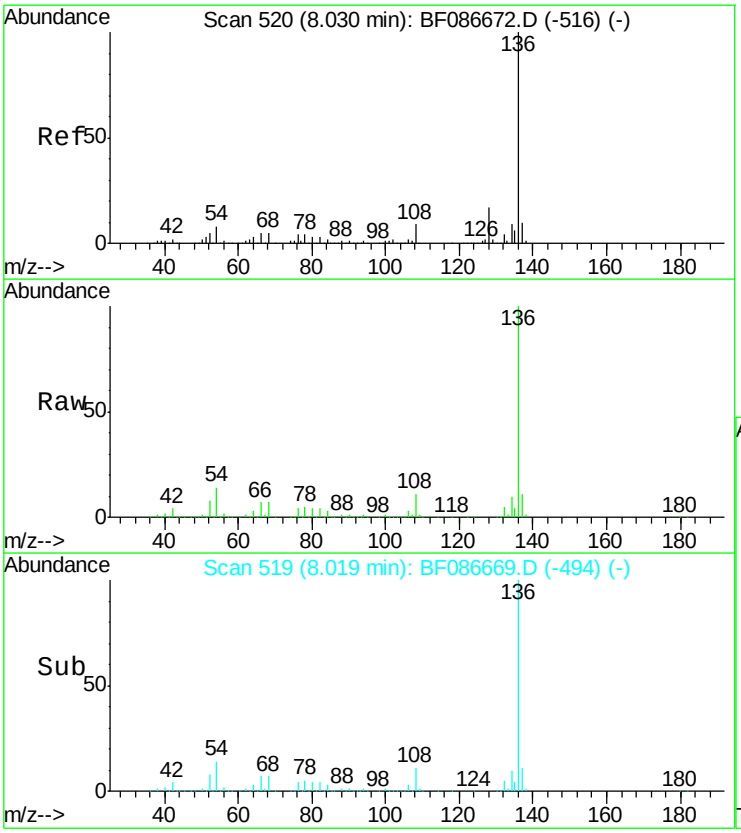
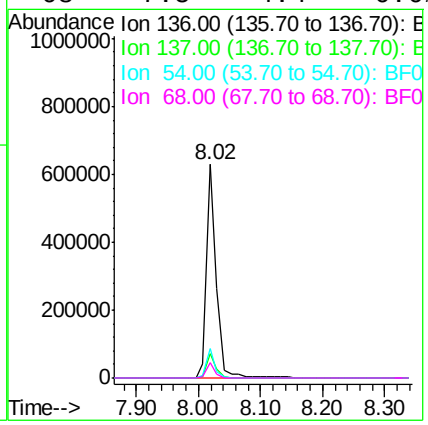
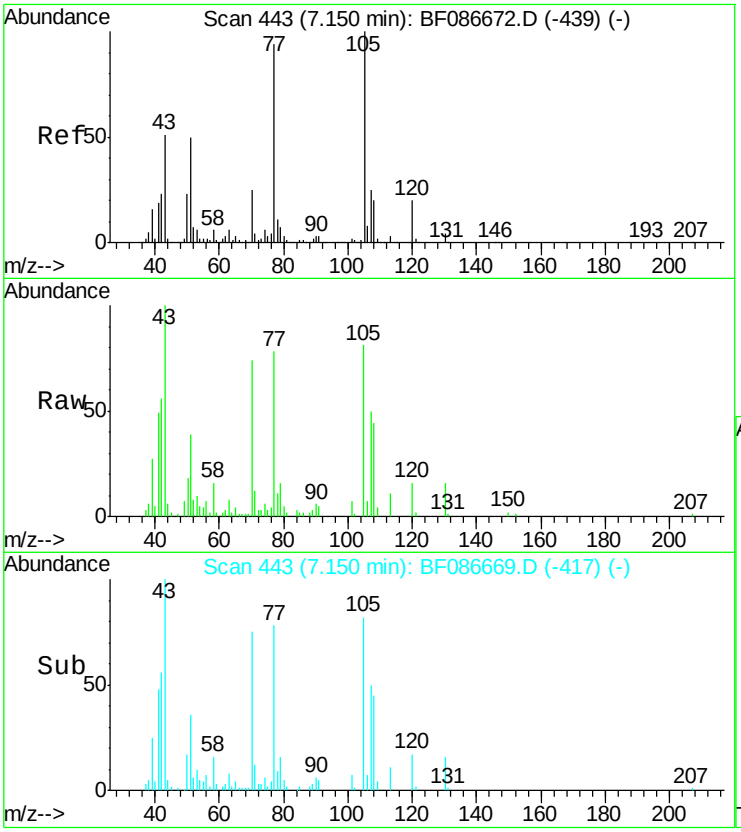


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:136 Resp: 694703

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	13.7	5.0	7.4#
68	7.5	4.4	6.6#

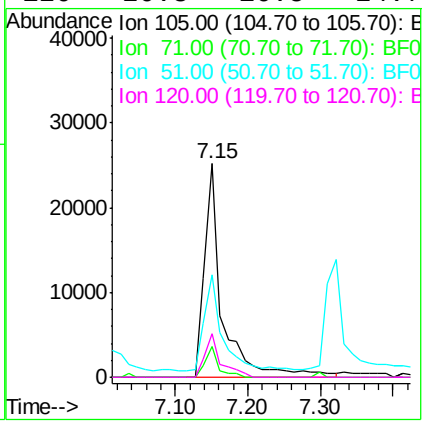




#22
Acetophenone
Concen: 2.83 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:105 Resp: 43074

Ion	Ratio	Lower	Upper
105	100		
71	14.4	4.8	7.2#
51	47.8	32.6	49.0
120	20.3	16.5	24.7



Instrument :
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ClientSampleId :
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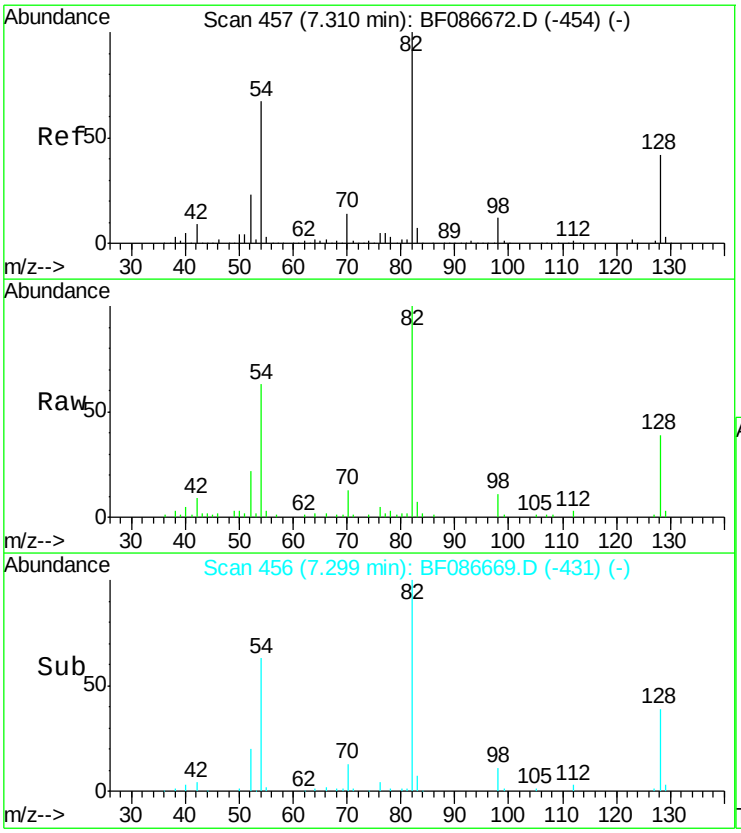
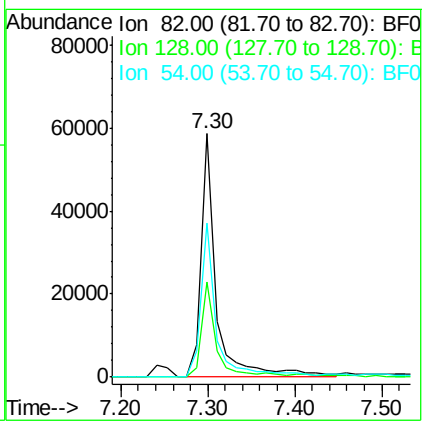
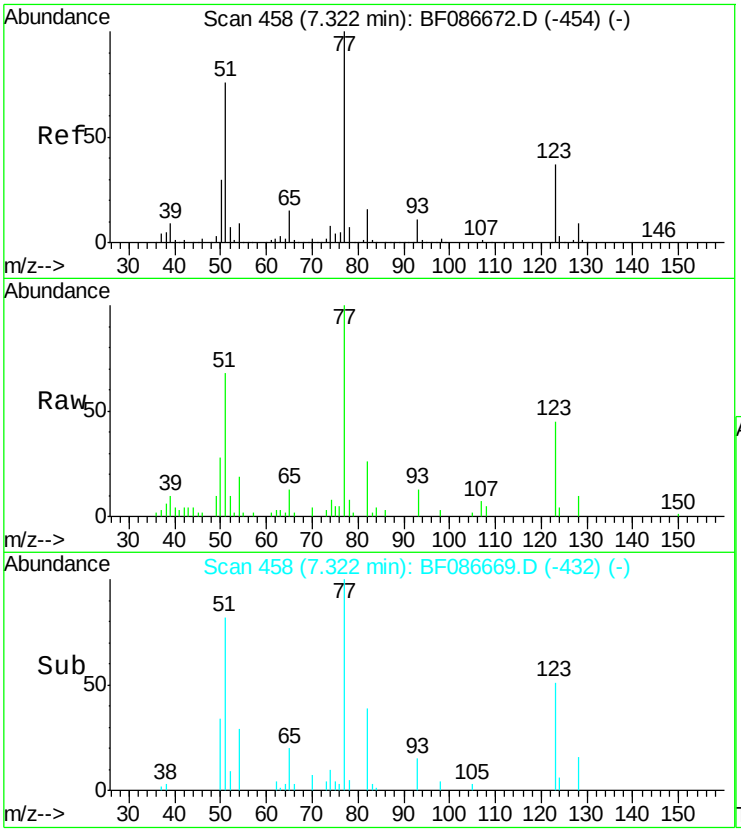


#23
Nitrobenzene-d5
Concen: 5.52 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion: 82 Resp: 71124

Ion	Ratio	Lower	Upper
82	100		
128	38.9	40.6	61.0#
54	63.5	38.1	57.1#

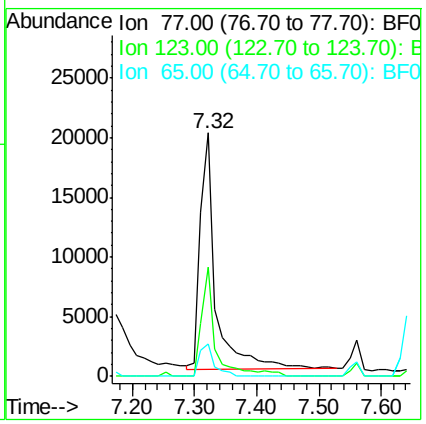




#24
Nitrobenzene
Concen: 2.57 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion: 77 Resp: 34083

Ion	Ratio	Lower	Upper
77	100		
123	44.6	33.0	49.4
65	13.4	10.8	16.2



Instrument :
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ClientSampleId :
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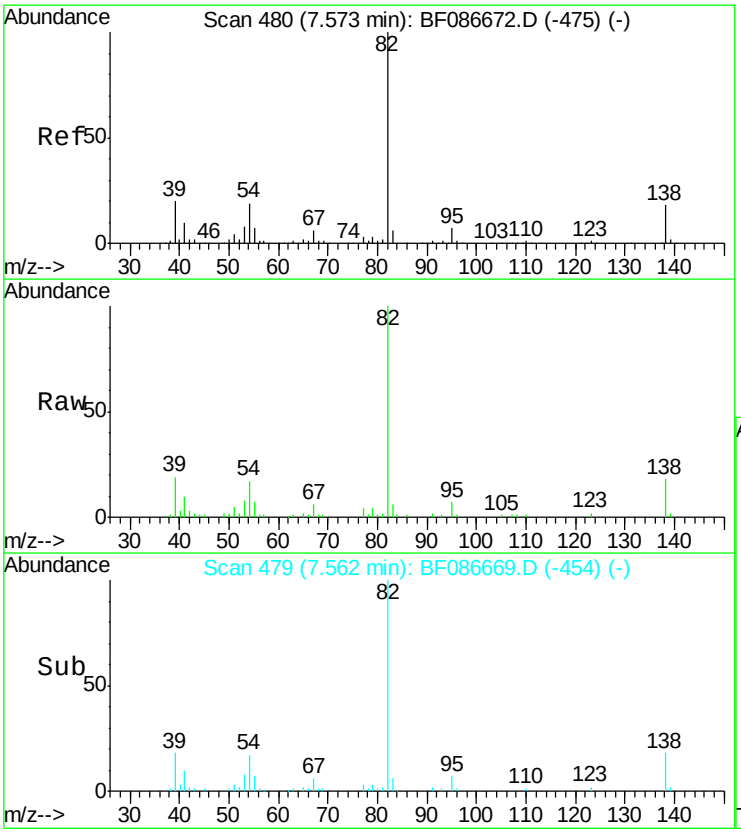
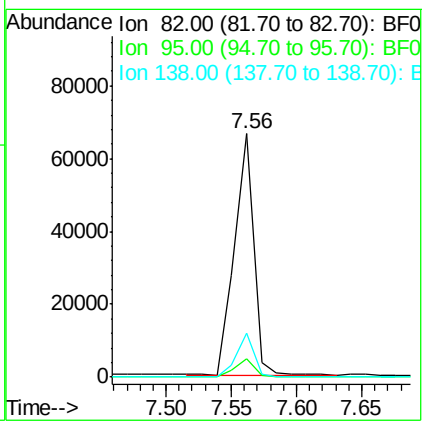
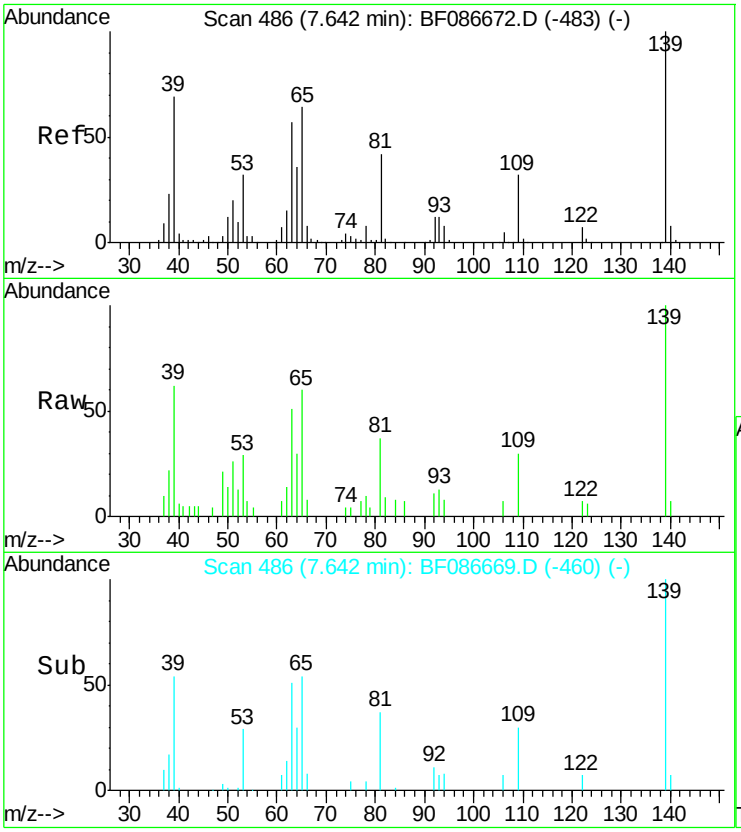


#25
Isophorone
Concen: 2.72 ng
RT: 7.56 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion: 82 Resp: 67506

Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.1	7.7
138	17.9	12.4	18.6





#26
2-Nitrophenol
Concen: 2.16 ng
RT: 7.64 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:139 Resp: 13166

Ion	Ratio	Lower	Upper
139	100		
109	29.5	19.5	29.3#
65	59.9	37.5	56.3#

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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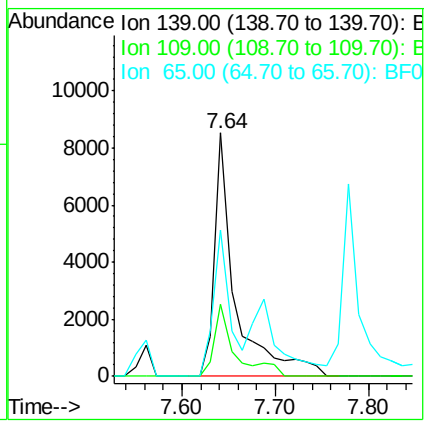
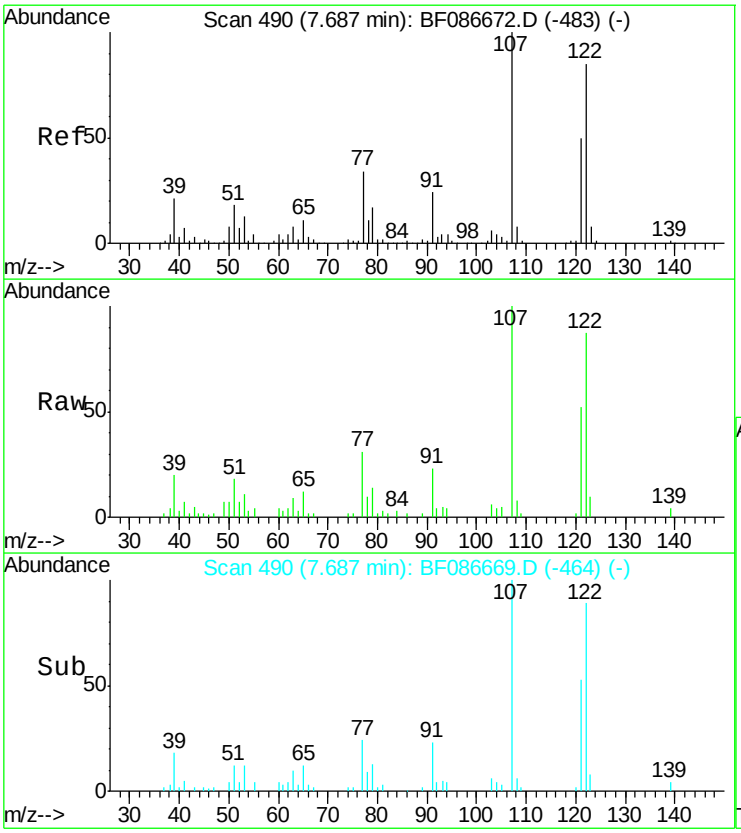
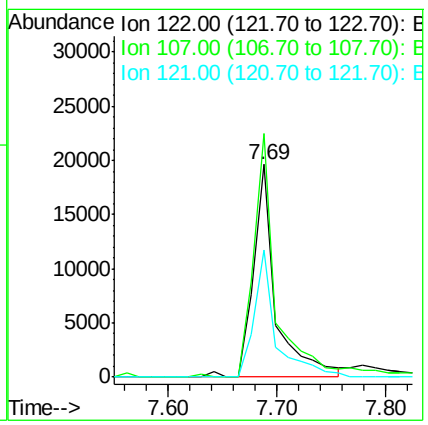


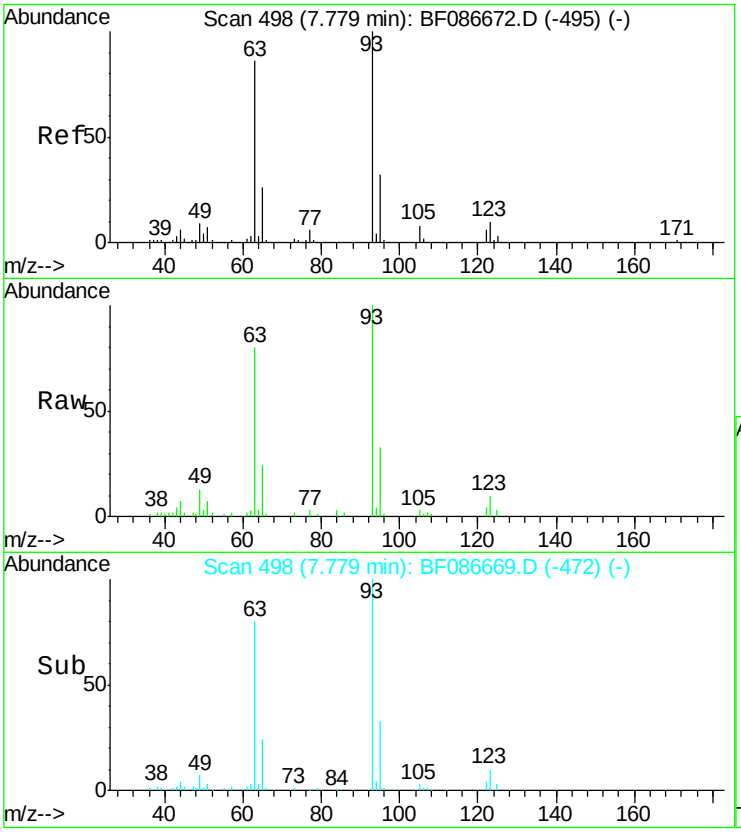


#27
2,4-Dimethylphenol
Concen: 2.63 ng
RT: 7.69 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:122 Resp: 28118

Ion	Ratio	Lower	Upper
122	100		
107	114.4	82.0	123.0
121	59.8	46.1	69.1

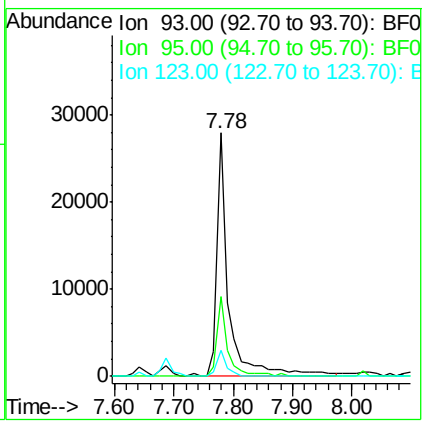




#28
bis(2-Chloroethoxy)methane
Concen: 2.83 ng
RT: 7.78 min Scan# 498
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion: 93 Resp: 38233

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.0	39.0
123	10.4	9.5	14.3



Instrument :
BNA_F
ClientSampleId :
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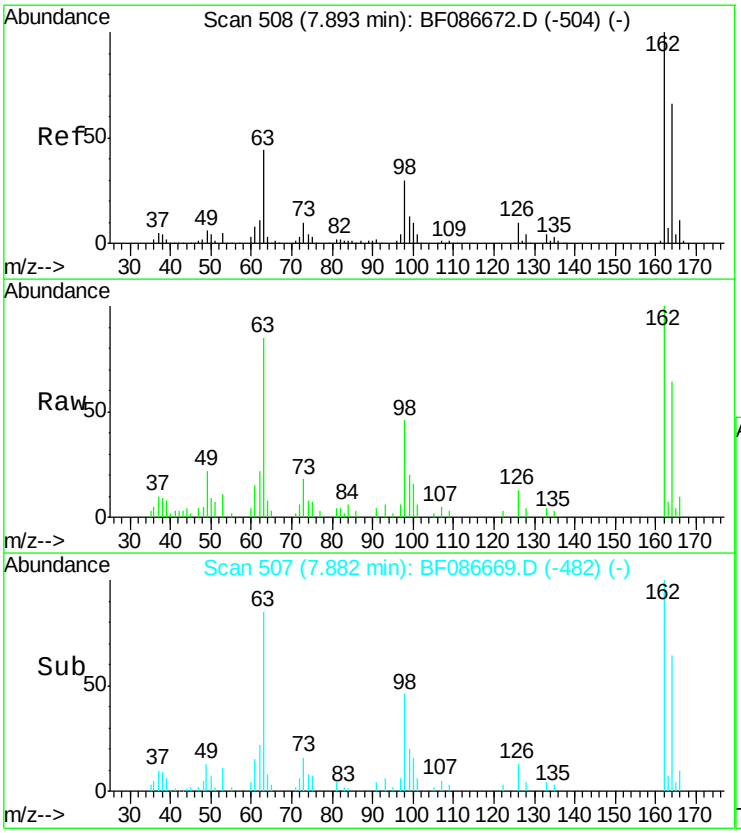
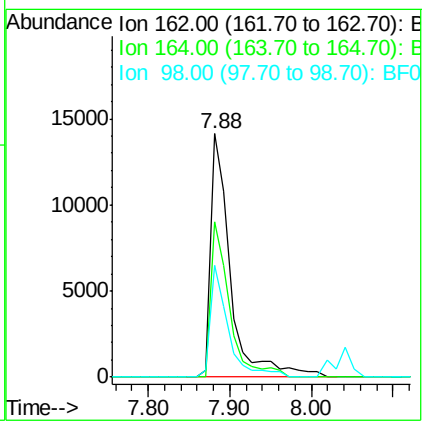
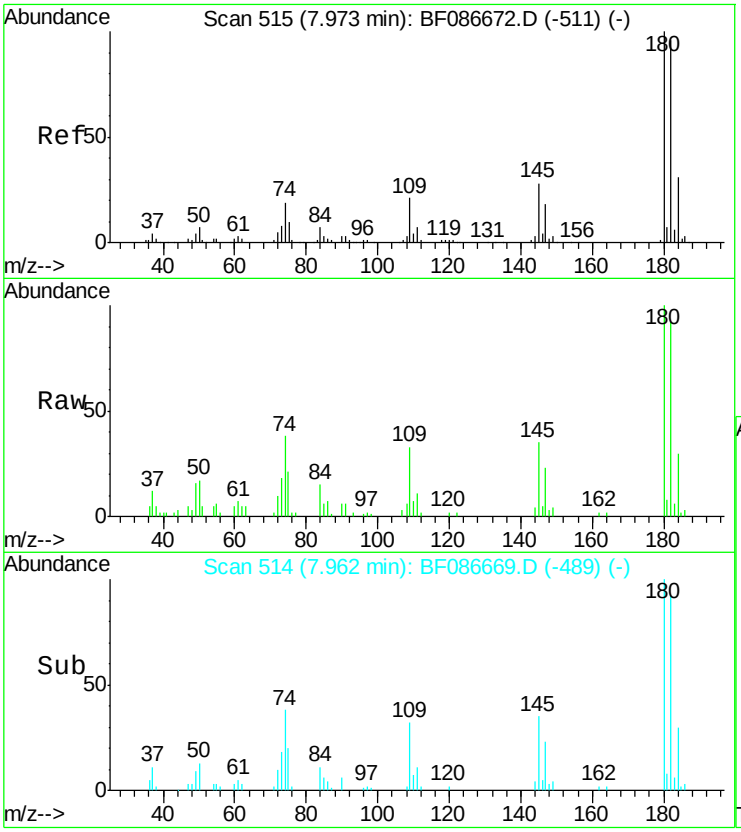


#29
2,4-Dichlorophenol
Concen: 2.65 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:162 Resp: 23917

Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.2	82.2
98	45.7	19.0	59.0

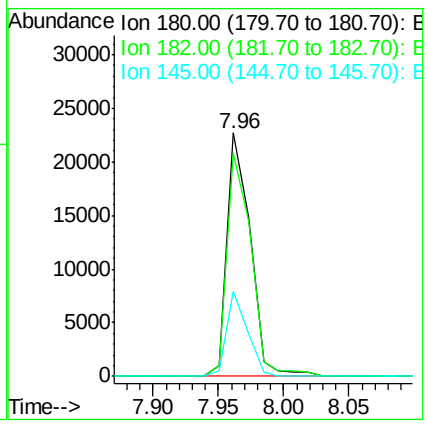




#30
1,2,4-Trichlorobenzene
Concen: 2.70 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:180 Resp: 28271

Ion	Ratio	Lower	Upper
180	100		
182	91.9	78.0	117.0
145	34.7	24.2	36.2



Instrument :
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ClientSampleId :
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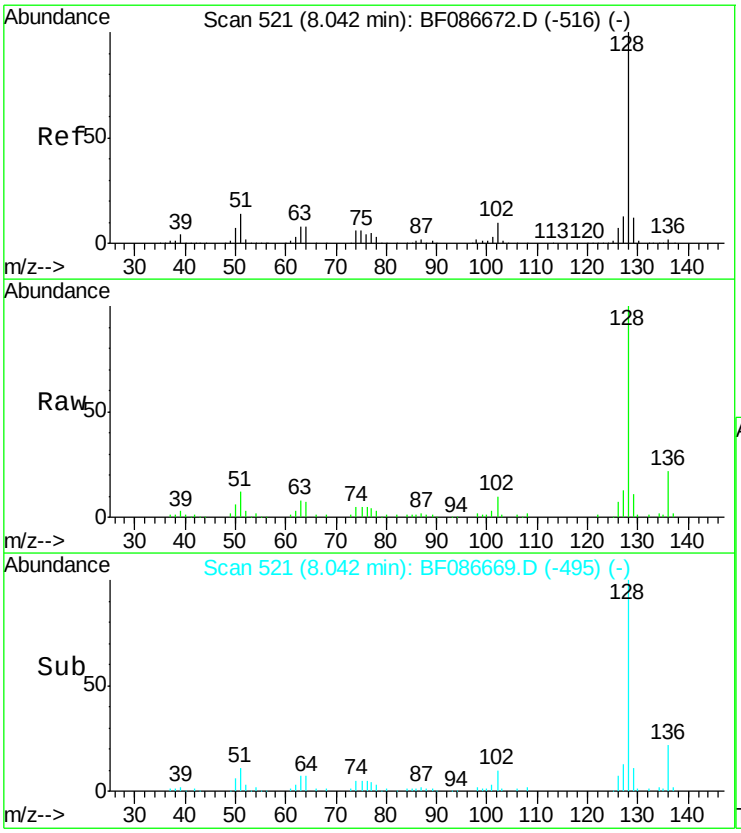
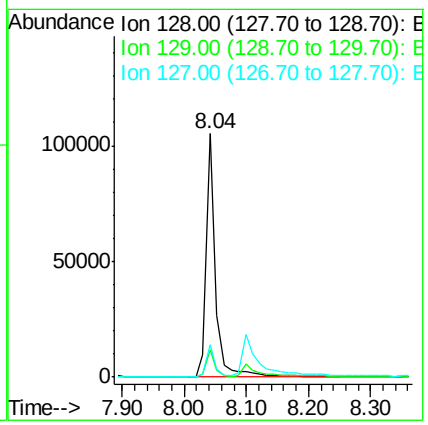
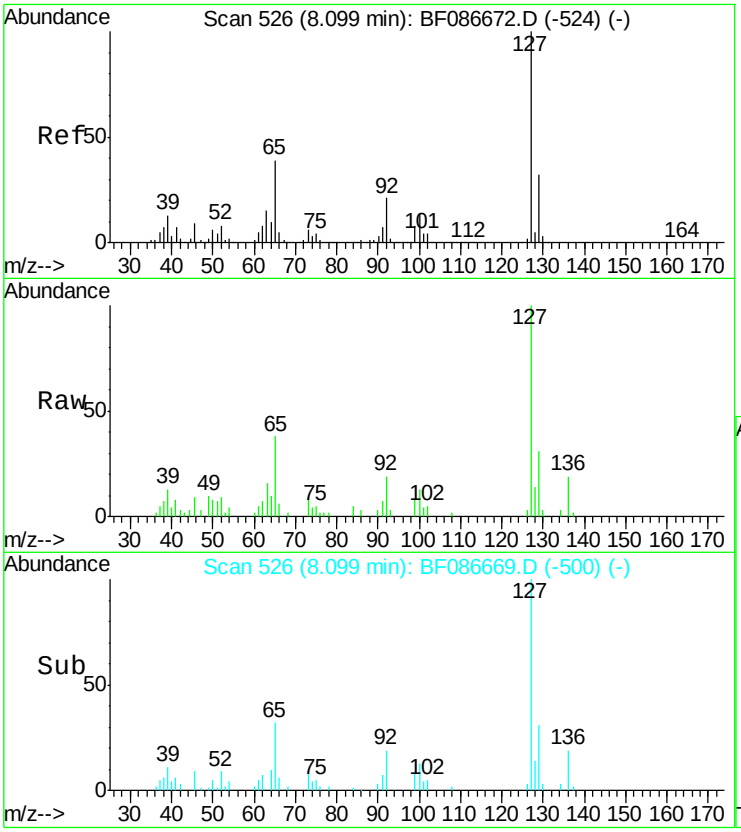


#31
Naphthalene
Concen: 3.15 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:128 Resp: 111187

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.1	10.8	16.2

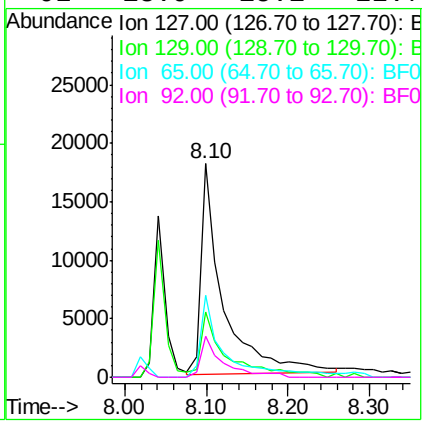




#33
4-Chloroaniline
Concen: 2.60 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:127 Resp: 34378

Ion	Ratio	Lower	Upper
127	100		
129	30.7	26.2	39.4
65	38.3	23.0	34.4#
92	18.9	15.1	22.7



Instrument :
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ClientSampleId :
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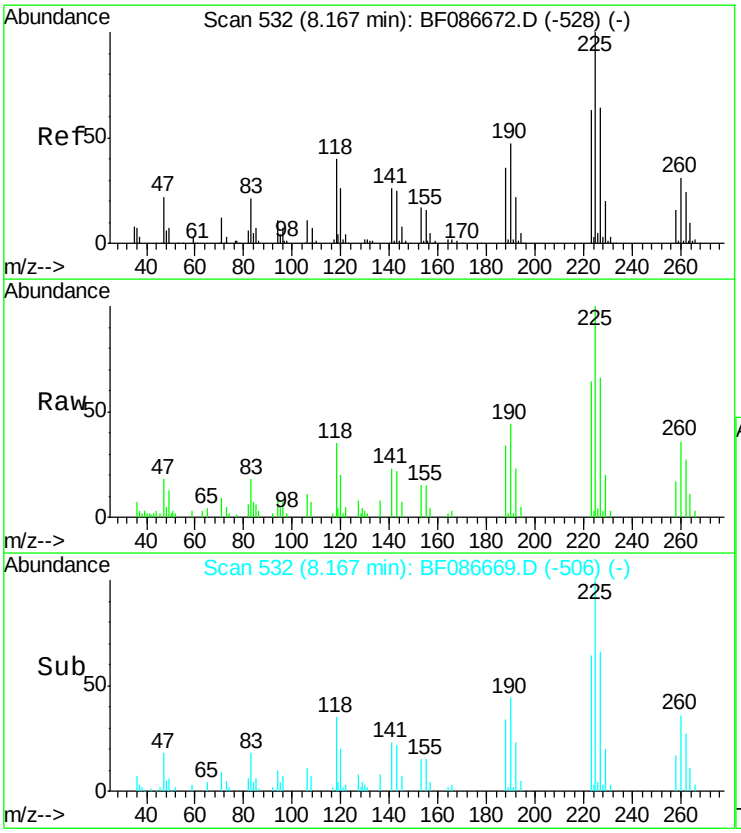
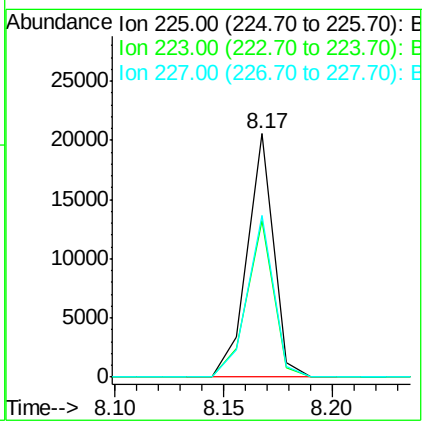
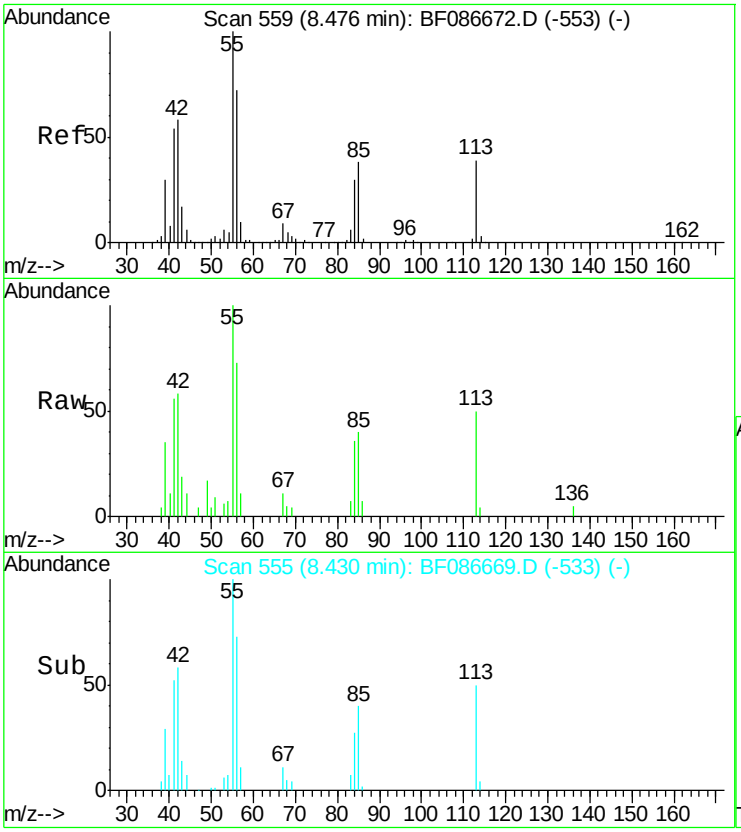


#34
Hexachlorobutadiene
Concen: 2.94 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:225 Resp: 17273

Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.5	77.3
227	66.3	52.2	78.2

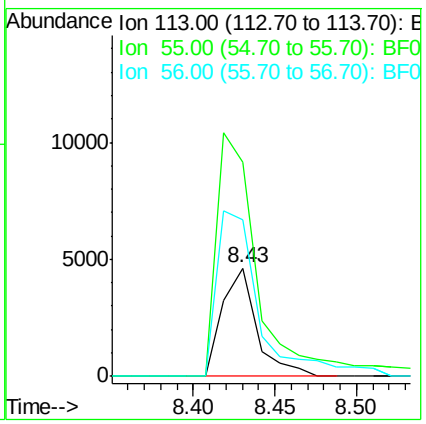




#35
Caprolactam
Concen: 2.24 ng
RT: 8.43 min Scan# 555
Delta R.T. -0.05 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:113 Resp: 6740

Ion	Ratio	Lower	Upper
113	100		
55	198.3	162.0	202.0
56	144.1	115.3	155.3



Instrument :
BNA_F
ClientSampleId :
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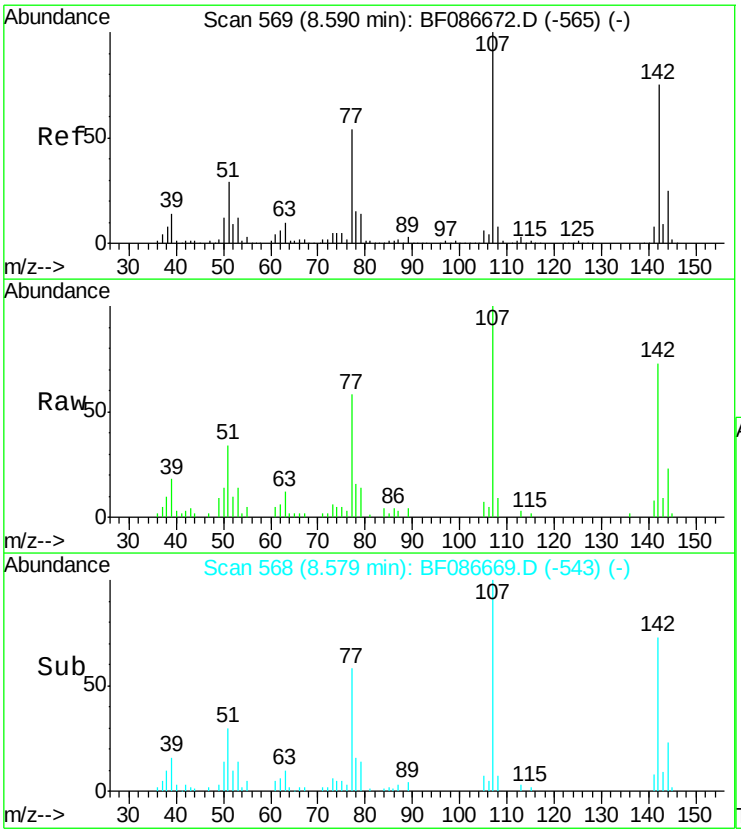
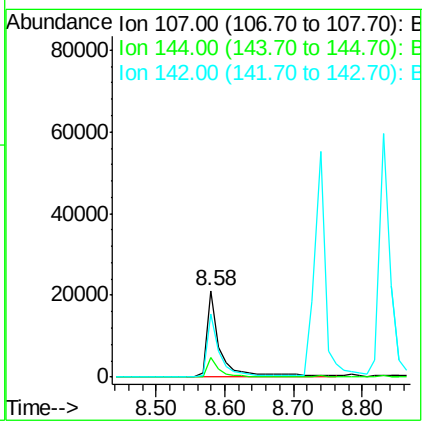
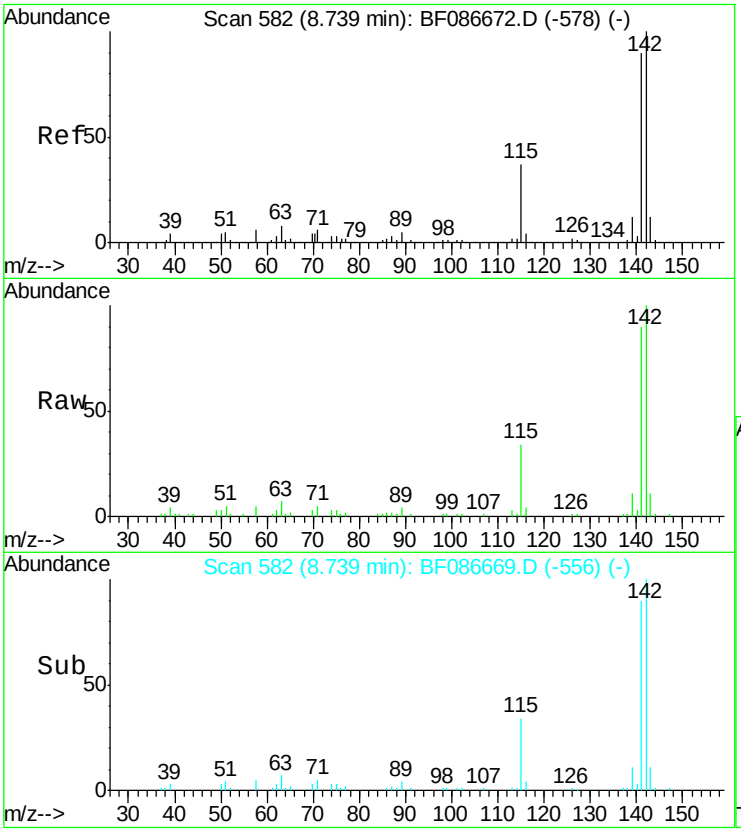


#36
4-Chloro-3-methylphenol
Concen: 2.86 ng
RT: 8.58 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:107 Resp: 29569

Ion	Ratio	Lower	Upper
107	100		
144	23.4	20.7	31.1
142	73.3	63.2	94.8

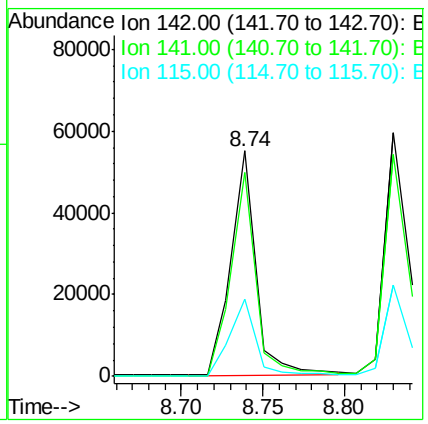




#37
2-Methylnaphthalene
Concen: 2.85 ng
RT: 8.74 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:142 Resp: 59369

Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.0	106.6
115	34.1	26.6	39.8



Instrument :
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ClientSampleId :
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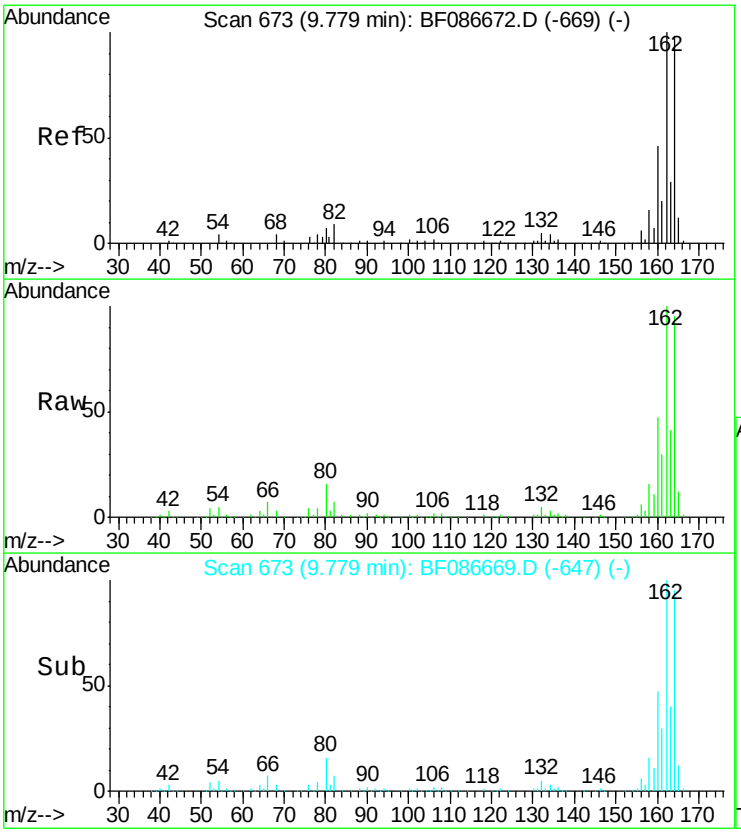
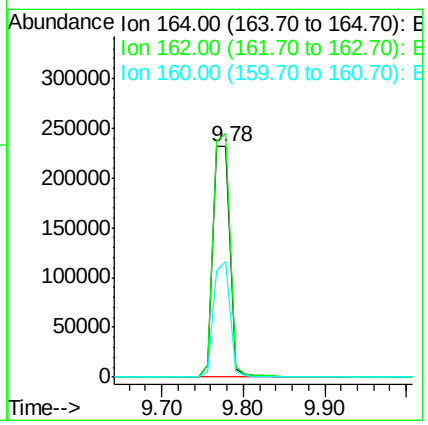
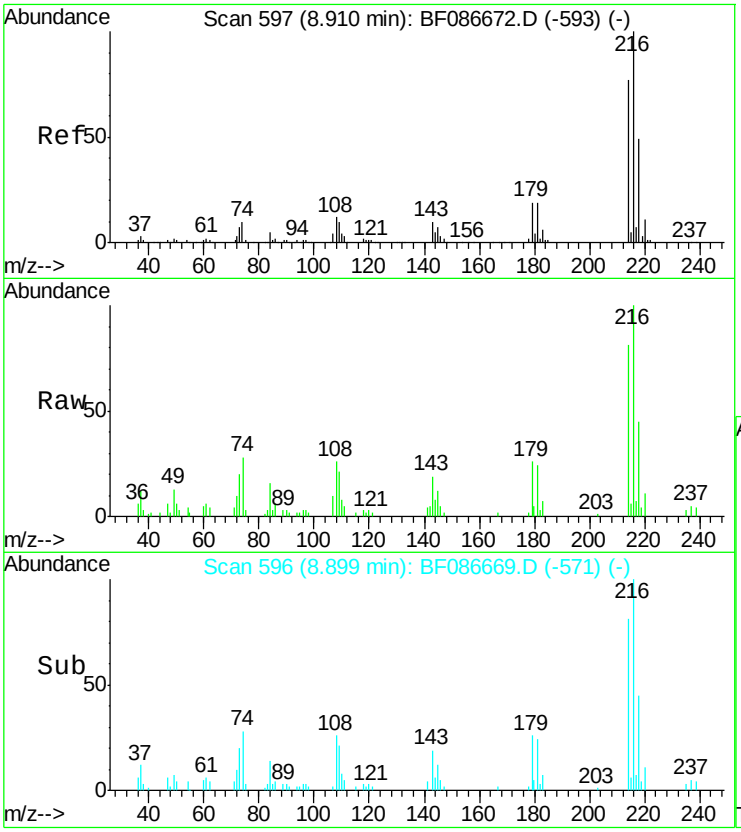


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:164 Resp: 339160

Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.8	124.2
160	50.1	36.9	55.3

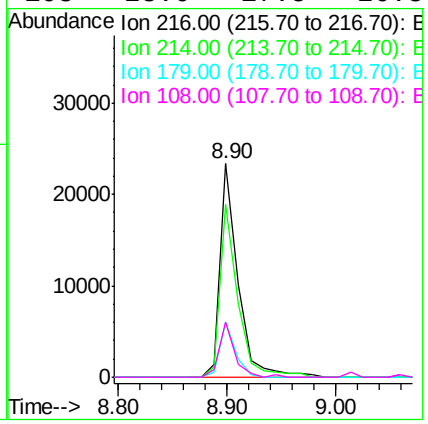




#39
1,2,4,5-Tetrachlorobenzene
Concen: 2.79 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:216 Resp: 27121

Ion	Ratio	Lower	Upper
216	100		
214	80.0	62.6	93.8
179	22.5	18.2	27.4
108	23.0	17.5	26.3



Instrument :
BNA_F
ClientSampleId :
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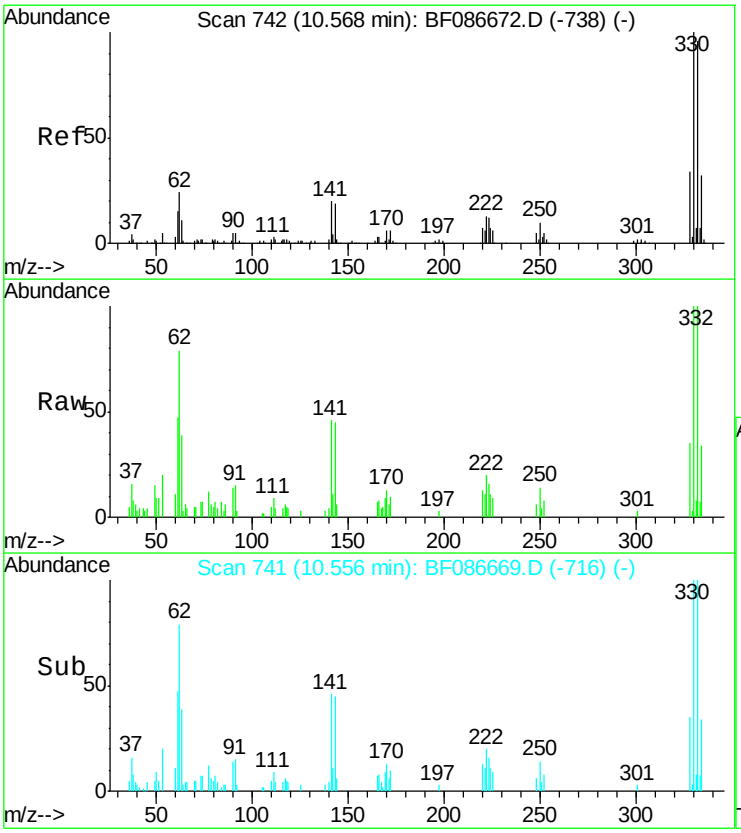
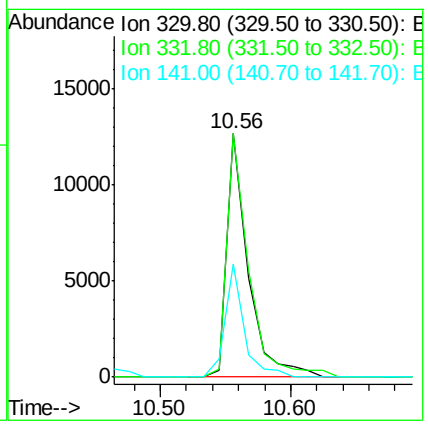
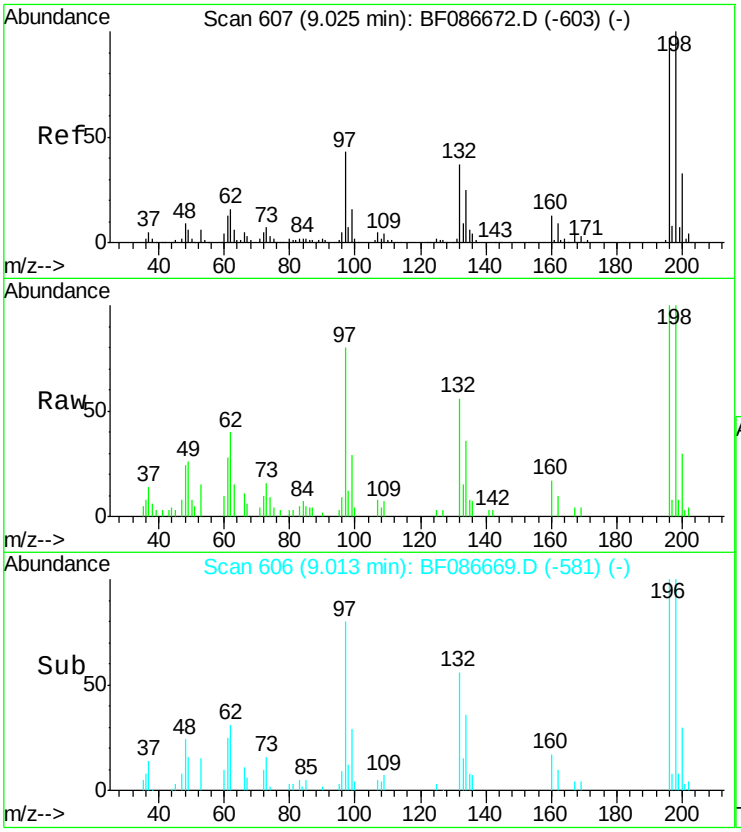


#41
2,4,6-Tribromophenol
Concen: 4.04 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:330 Resp: 14446

Ion	Ratio	Lower	Upper
330	100		
332	102.6	79.0	118.4
141	41.4	31.2	46.8

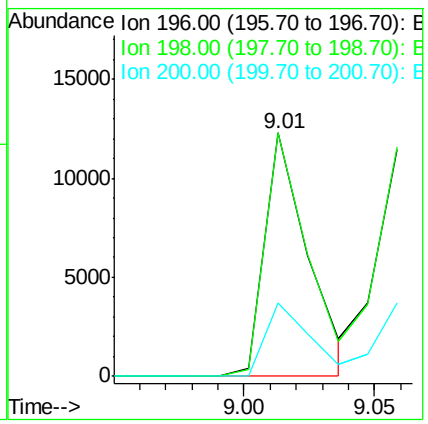




#42
2,4,6-Trichlorophenol
Concen: 2.31 ng
RT: 9.01 min Scan# 606
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:196 Resp: 14182

Ion	Ratio	Lower	Upper
196	100		
198	100.2	74.7	112.1
200	30.3	23.8	35.6



Instrument :
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ClientSampleId :
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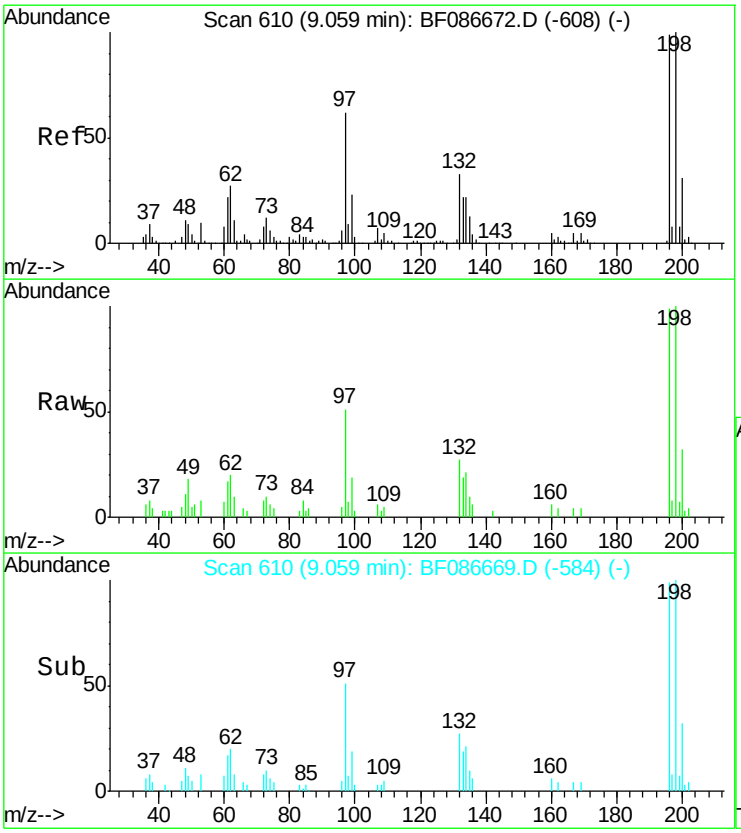
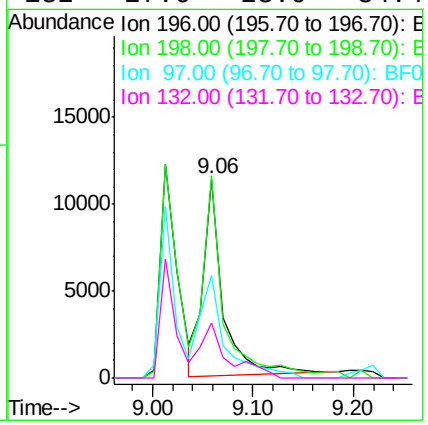
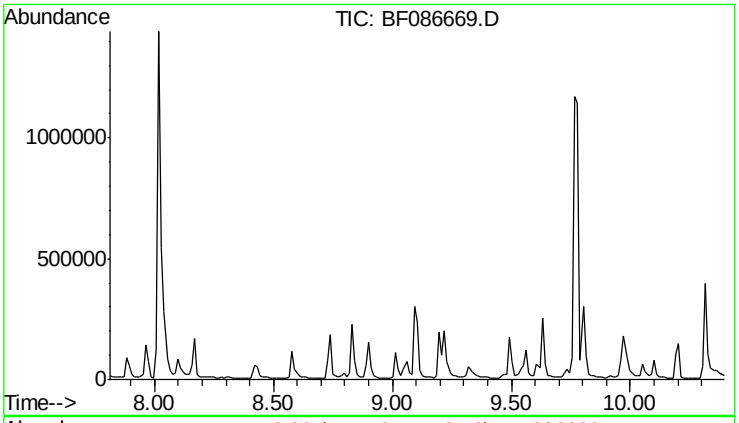


#43
2,4,5-Trichlorophenol
Concen: 2.31 ng
RT: 9.06 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:196 Resp: 15476

Ion	Ratio	Lower	Upper
196	100		
198	101.5	77.5	116.3
97	51.8	34.8	52.2
132	27.6	23.0	34.4





#44
2-Fluorobiphenyl
Concen: 0.00 ng
Expected RT: 9.10 min

Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	36.3
170	24.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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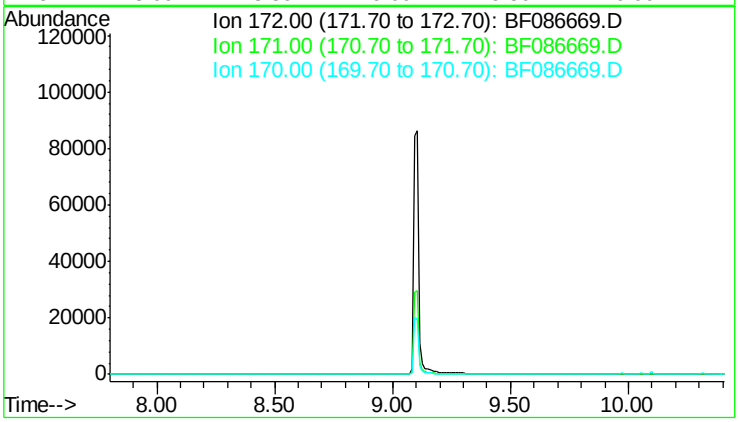
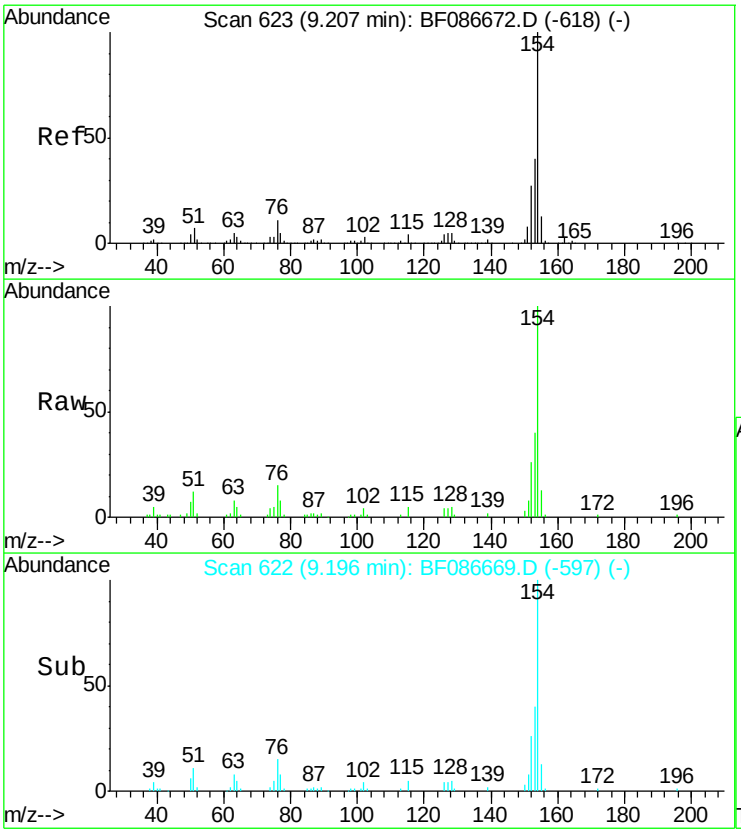
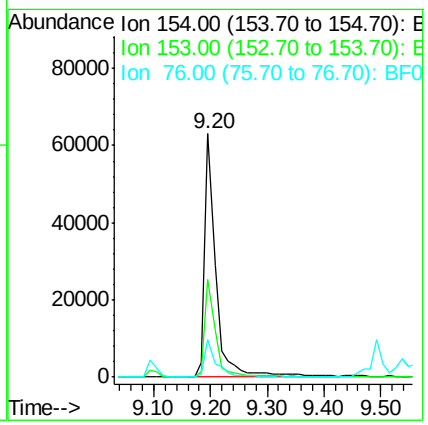


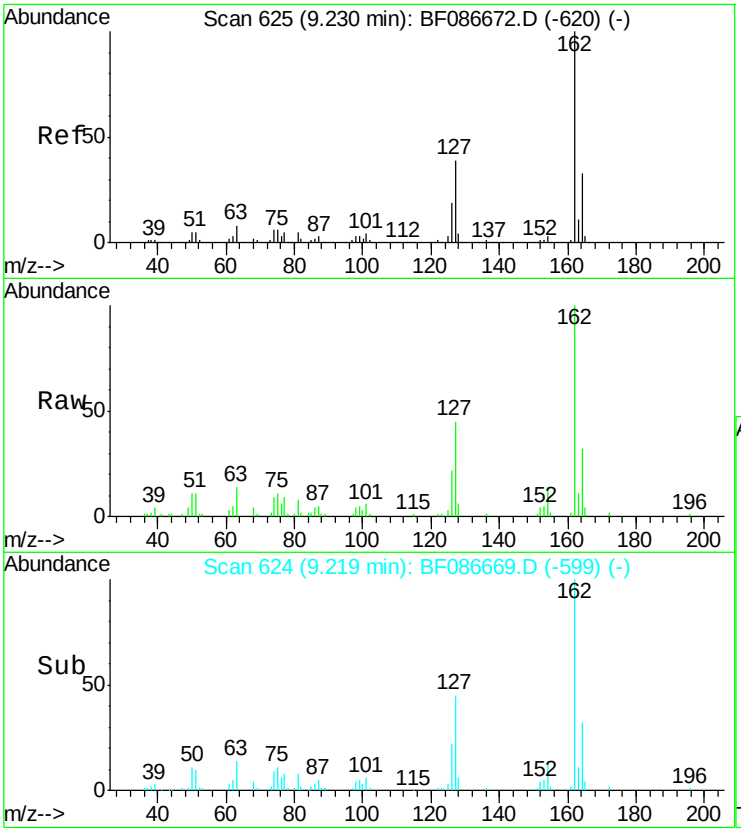


#45
1,1'-Biphenyl
Concen: 2.93 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:154 Resp: 83043

Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.3	60.3
76	15.2	0.0	30.2

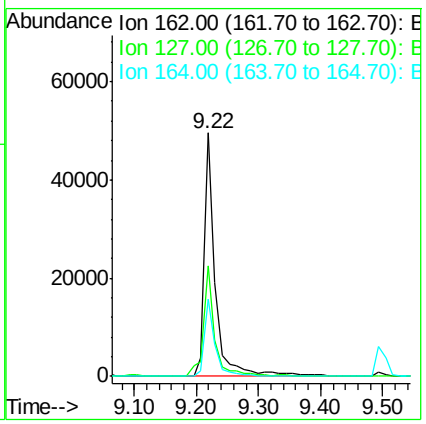




#46
2-Chloronaphthalene
Concen: 2.85 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:162 Resp: 61467

Ion	Ratio	Lower	Upper
162	100		
127	45.5	31.8	47.6
164	31.8	27.0	40.6



Instrument :
BNA_F
ClientSampleId :
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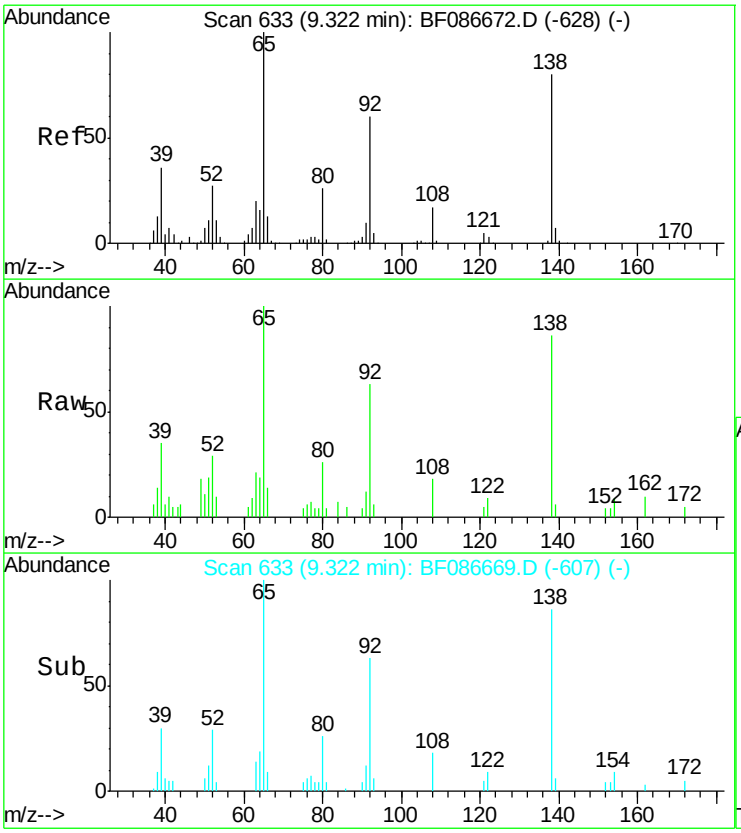
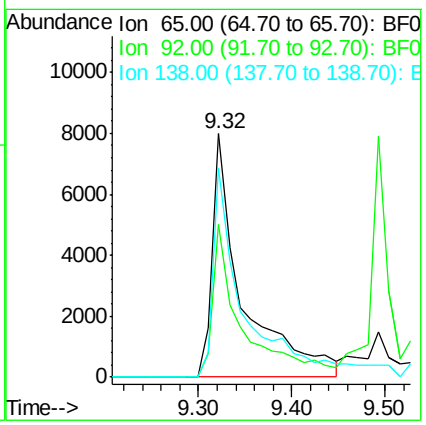
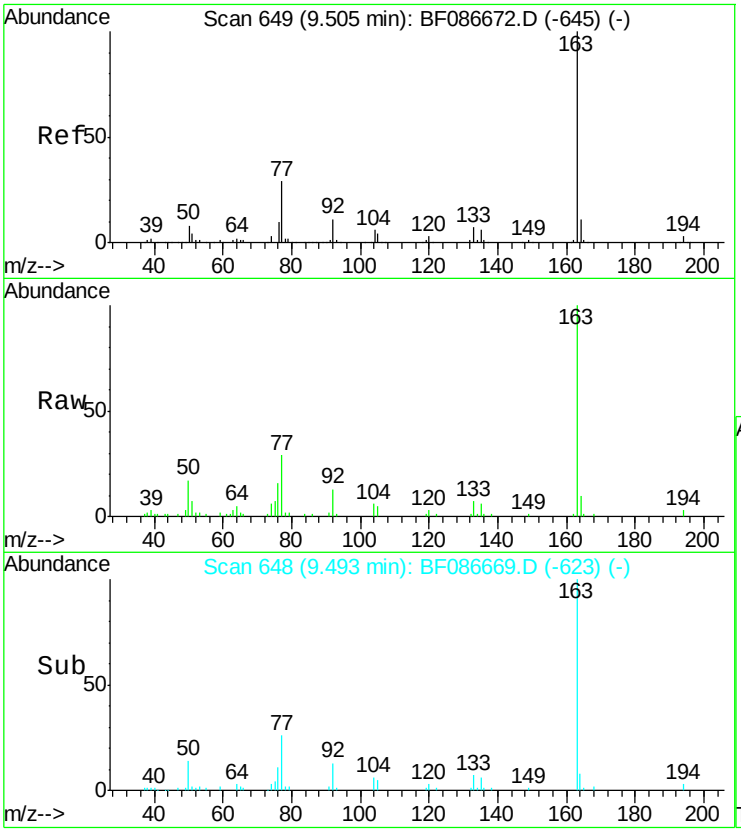


#47
2-Nitroaniline
Concen: 2.61 ng
RT: 9.32 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion: 65 Resp: 18009

Ion	Ratio	Lower	Upper
65	100		
92	62.7	57.4	86.2
138	85.9	90.1	135.1#

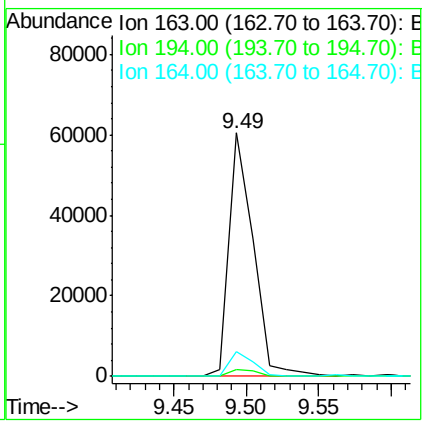




#49
Dimethylphthalate
Concen: 2.74 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:163 Resp: 69992

Ion	Ratio	Lower	Upper
163	100		
194	2.7	2.6	4.0
164	10.2	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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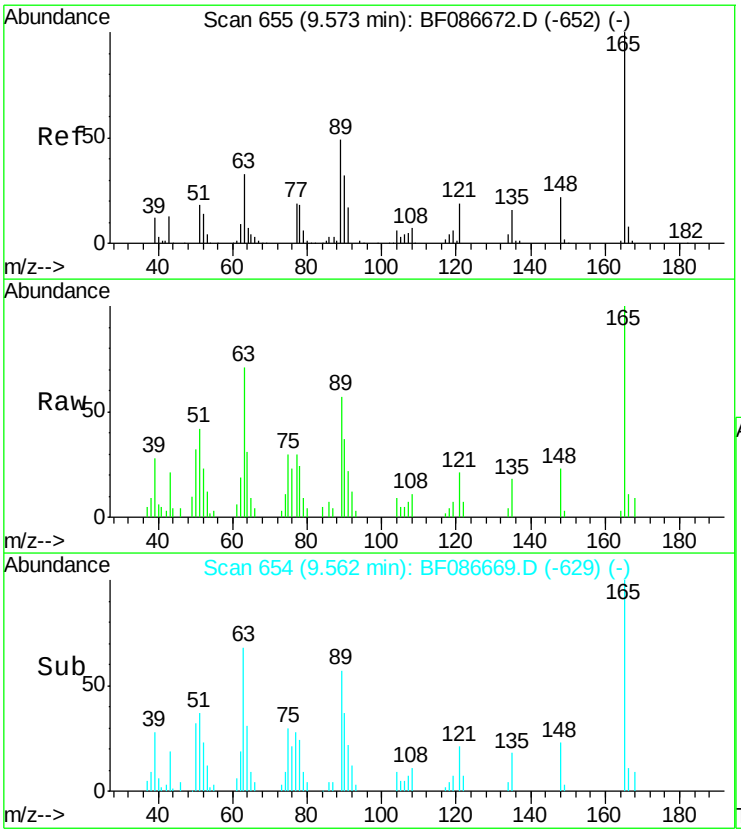
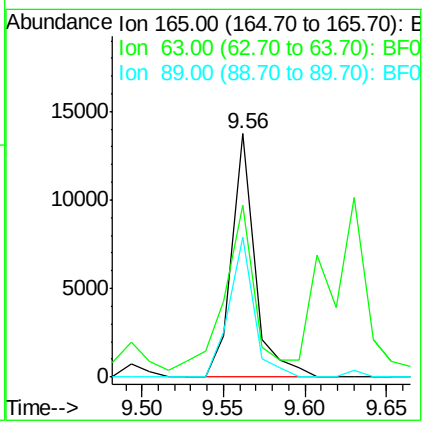
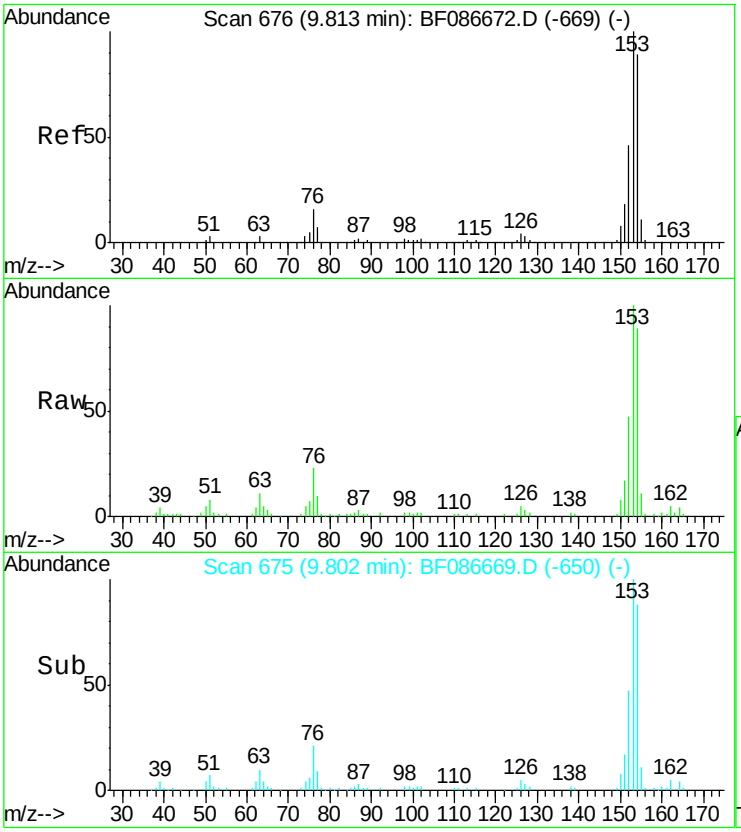


#50
2,6-Dinitrotoluene
Concen: 2.56 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:165 Resp: 13494

Ion	Ratio	Lower	Upper
165	100		
63	70.6	51.8	77.8
89	57.2	50.7	76.1

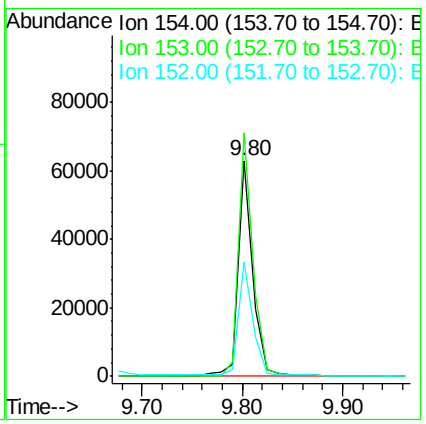




#51
Acenaphthene
Concen: 2.92 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:154 Resp: 63129

Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.8	134.6
152	53.0	43.4	65.0



Instrument :
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ClientSampleId :
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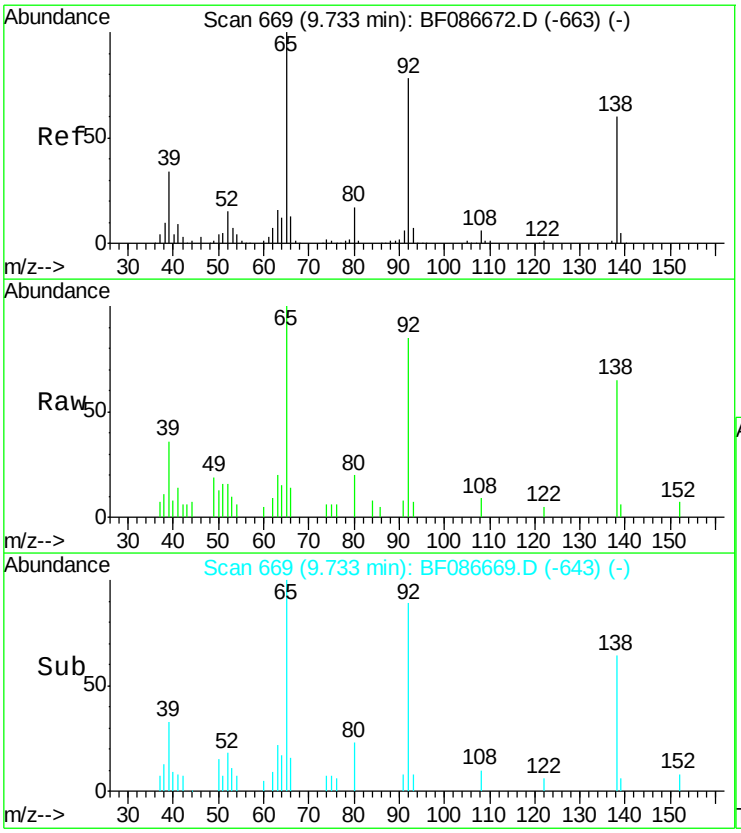
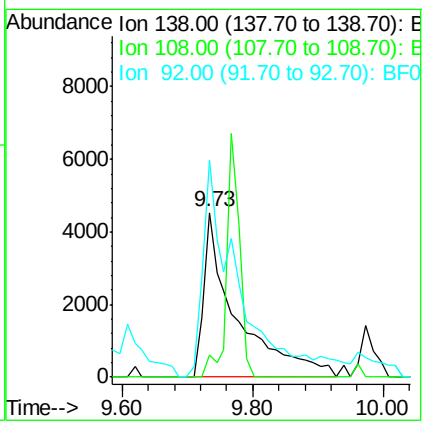
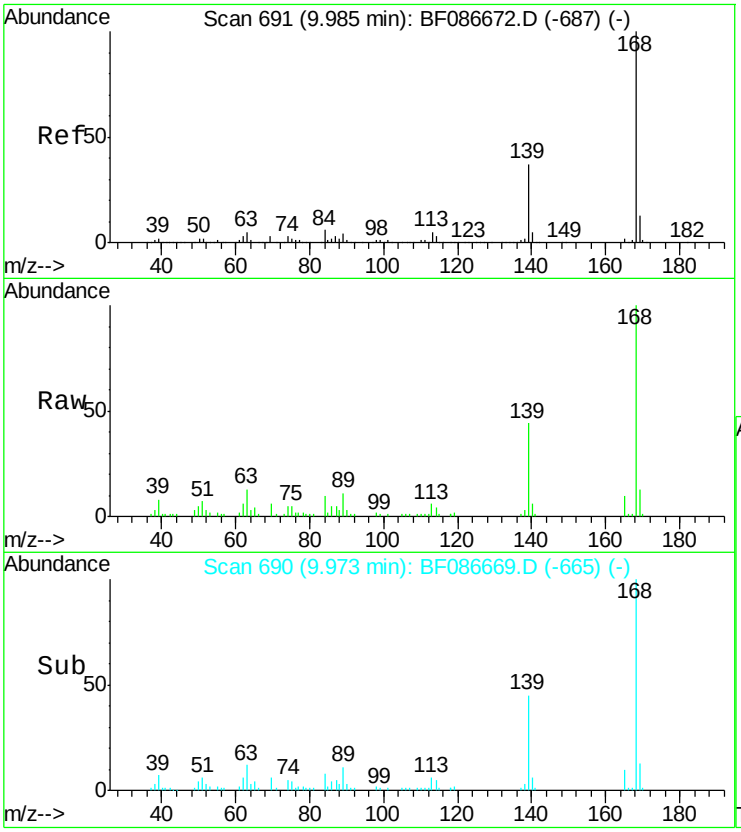


#52
3-Nitroaniline
Concen: 2.61 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:138 Resp: 15676

Ion	Ratio	Lower	Upper
138	100		
108	13.4	7.8	11.6#
92	131.3	87.8	131.8

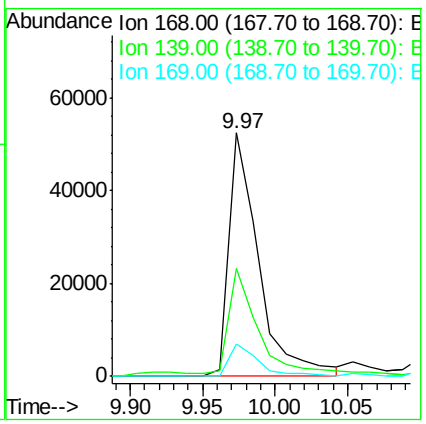




#54
Dibenzofuran
Concen: 2.77 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:168 Resp: 74883

Ion	Ratio	Lower	Upper
168	100		
139	44.2	31.4	47.0
169	13.4	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
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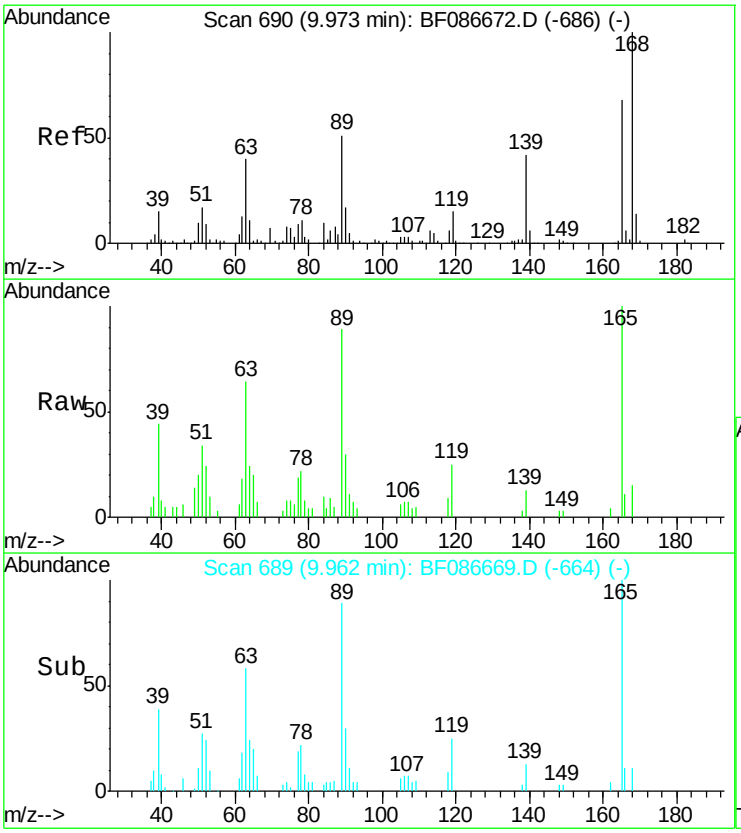
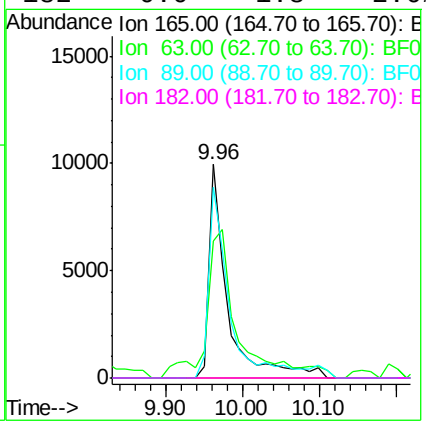
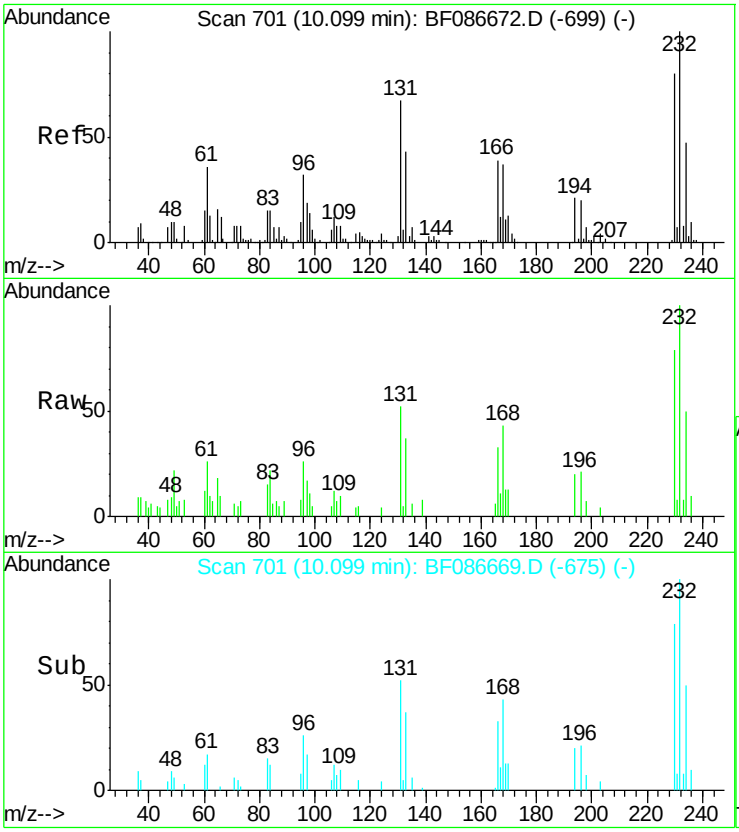


#56
2,4-Dinitrotoluene
Concen: 2.45 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:165 Resp: 16489

Ion	Ratio	Lower	Upper
165	100		
63	64.3	44.3	66.5
89	89.4	70.0	105.0
182	0.0	1.8	2.6#

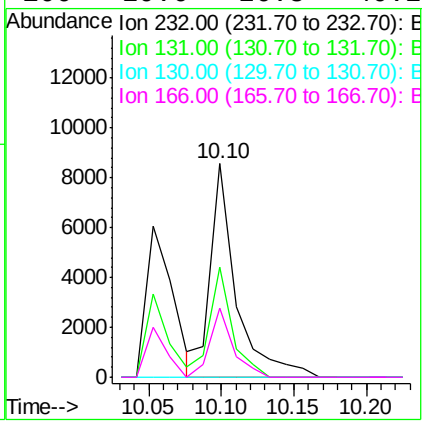




#58
2,3,4,6-Tetrachlorophenol
Concen: 2.01 ng
RT: 10.10 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:232 Resp: 10501

Ion	Ratio	Lower	Upper
232	100		
131	45.5	41.9	62.9
130	0.0	2.2	3.4#
166	29.6	26.8	40.2



Instrument :
BNA_F
ClientSampleId :
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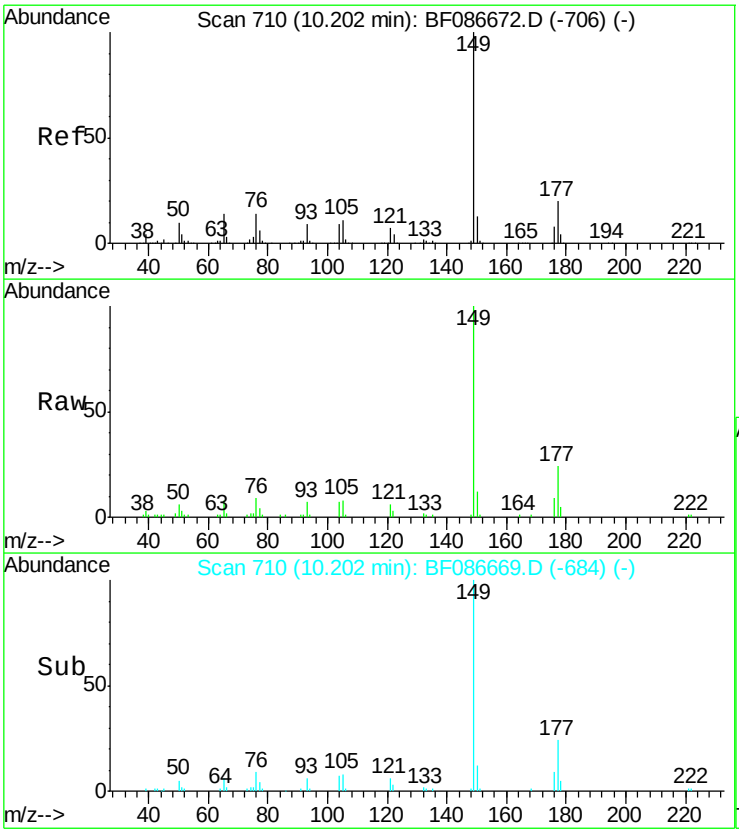
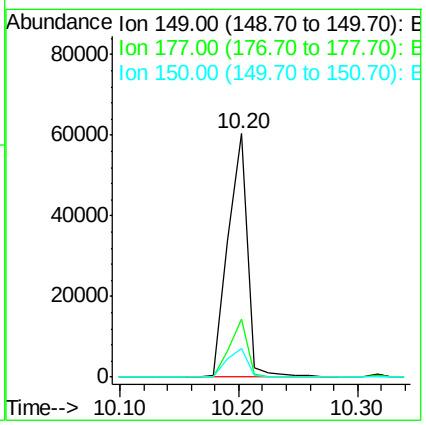
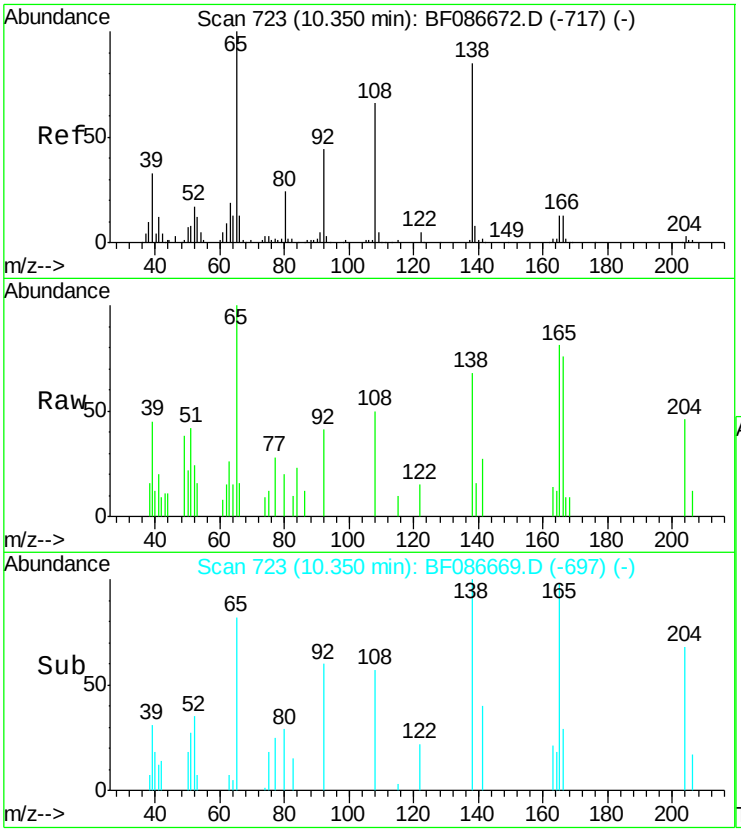


#59
Diethylphthalate
Concen: 2.82 ng
RT: 10.20 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:149 Resp: 68149

Ion	Ratio	Lower	Upper
149	100		
177	23.6	16.6	24.8
150	11.8	10.0	15.0

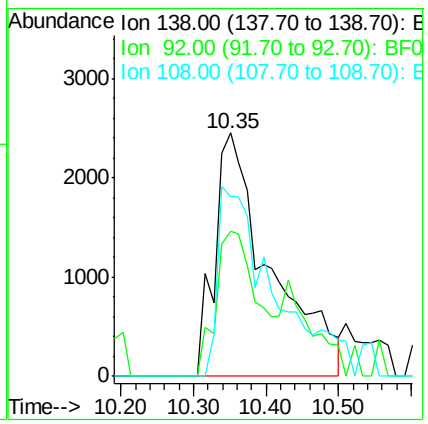




#61
4-Nitroaniline
Concen: 2.23 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:138 Resp: 13059

Ion	Ratio	Lower	Upper
138	100		
92	59.6	24.7	64.7
108	73.7	37.4	77.4



Instrument :
BNA_F
ClientSampleId :
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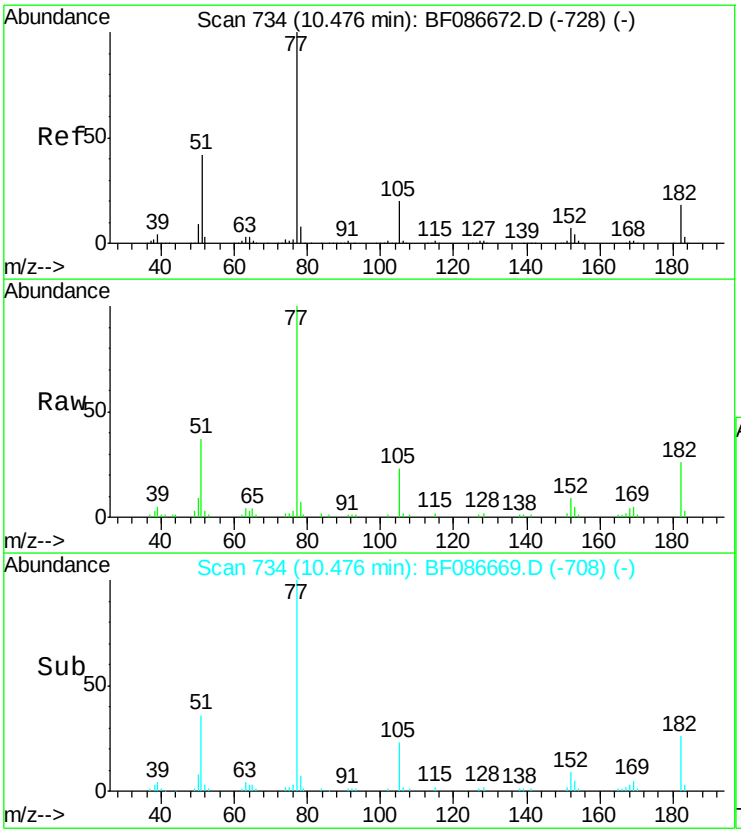
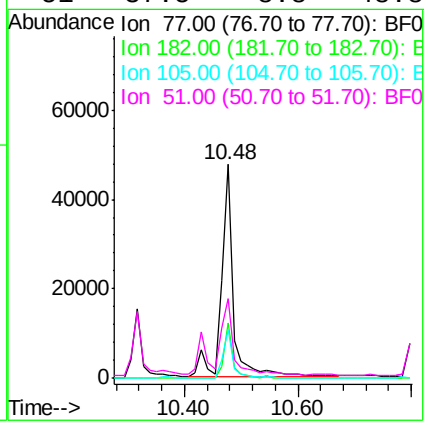
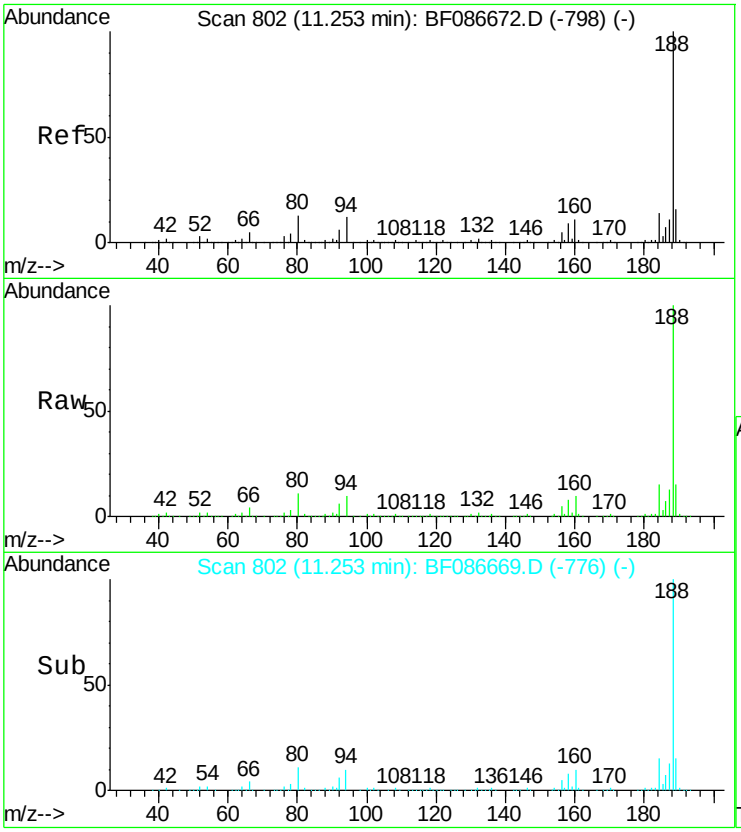


#62
Azobenzene
Concen: 2.67 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion: 77 Resp: 70749

Ion	Ratio	Lower	Upper
77	100		
182	25.8	0.0	38.8
105	22.7	3.2	43.2
51	37.5	8.8	48.8





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:188 Resp: 661584

Ion	Ratio	Lower	Upper
188	100		
94	10.2	6.8	10.2#
80	11.2	7.1	10.7#

Instrument :
BNA_F
ClientSampleId :
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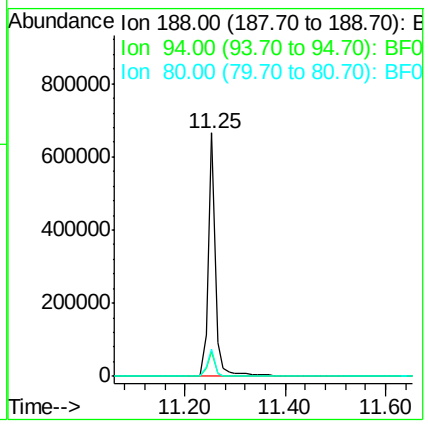
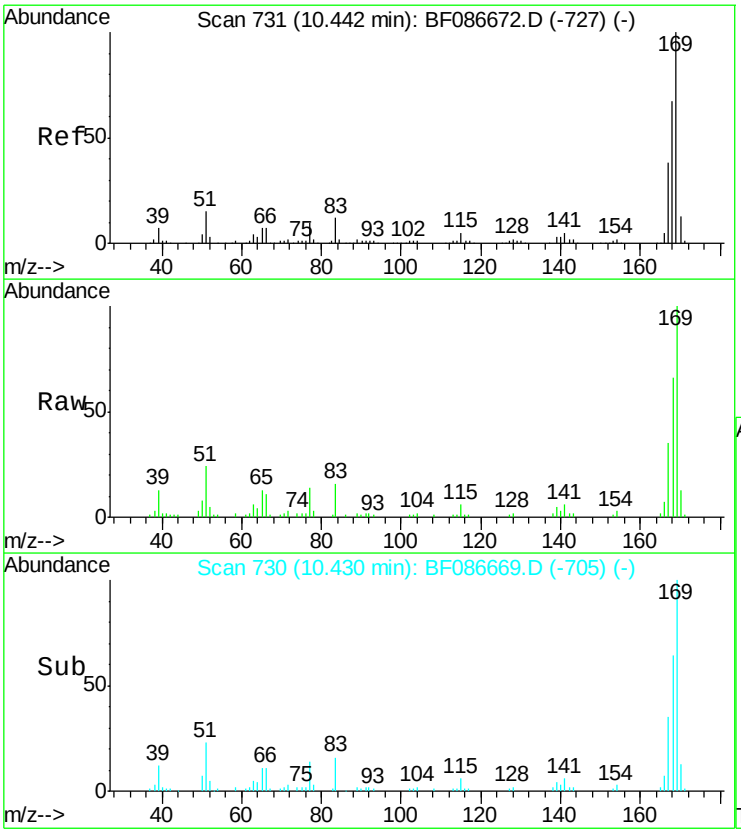
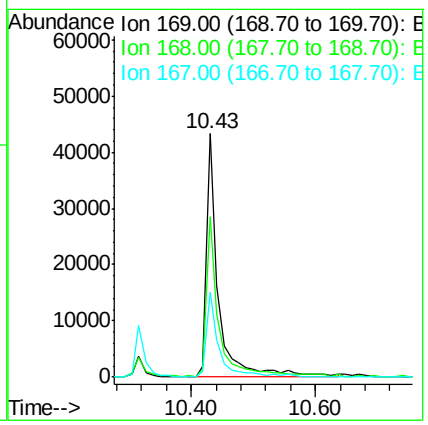


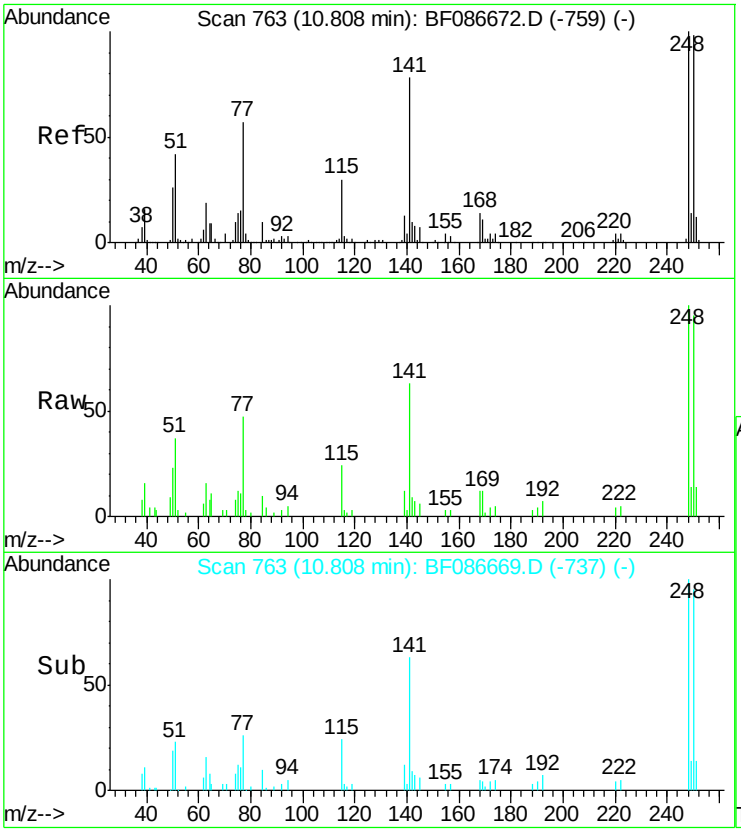


#65
n-Nitrosodiphenylamine
Concen: 2.81 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:169 Resp: 58026

Ion	Ratio	Lower	Upper
169	100		
168	65.9	53.8	80.6
167	35.0	29.5	44.3

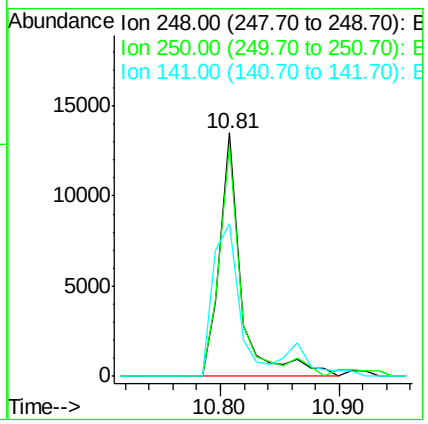




#66
4-Bromophenyl-phenylether
Concen: 2.48 ng
RT: 10.81 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:248 Resp: 16912

Ion	Ratio	Lower	Upper
248	100		
250	94.9	78.6	117.8
141	63.0	76.0	114.0#



Instrument :
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ClientSampleId :
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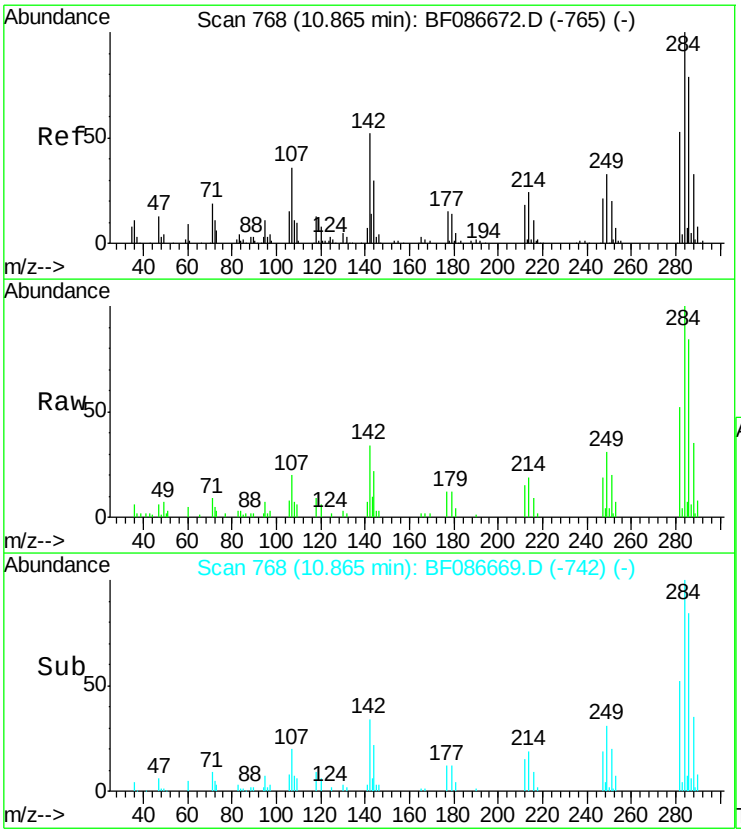
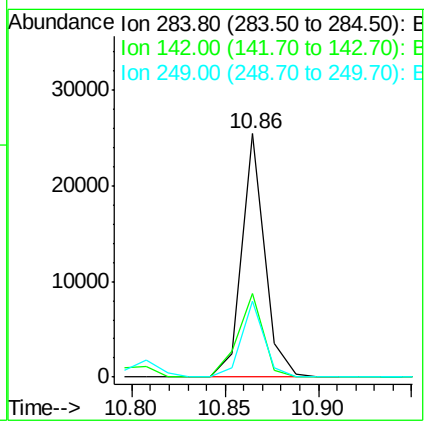
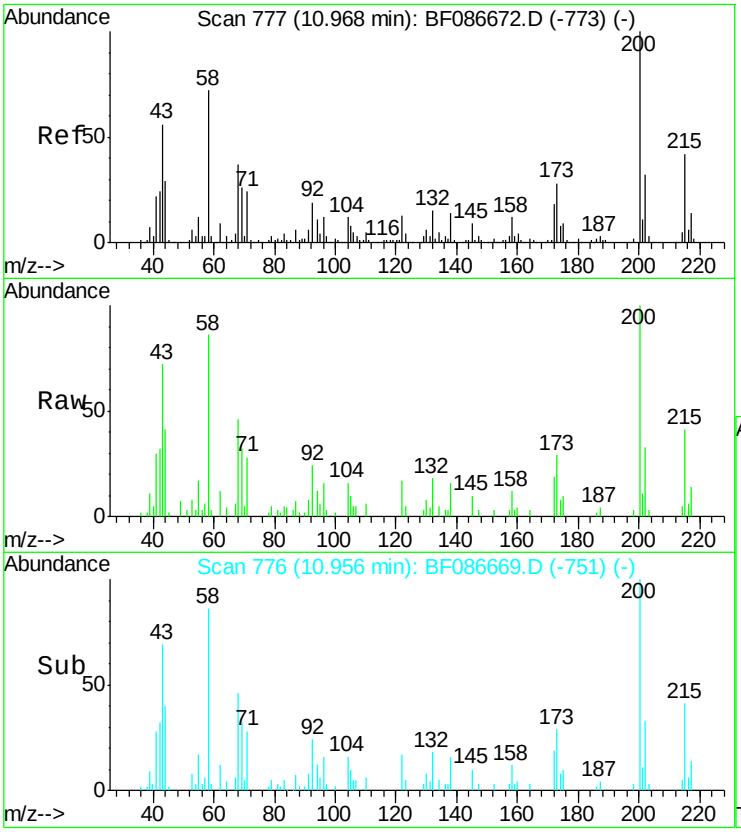


#67
Hexachlorobenzene
Concen: 2.76 ng
RT: 10.86 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:284 Resp: 21769

Ion	Ratio	Lower	Upper
284	100		
142	34.5	16.7	25.1#
249	31.2	21.3	31.9

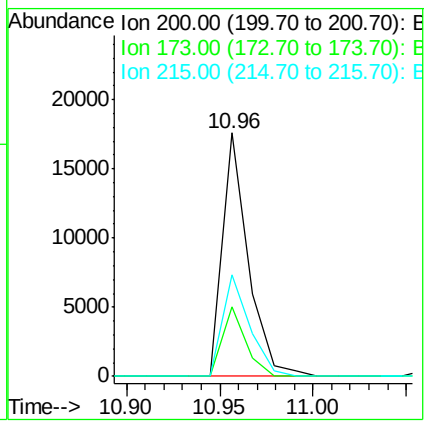




#68
Atrazine
Concen: 2.74 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:200 Resp: 16986

Ion	Ratio	Lower	Upper
200	100		
173	28.6	8.5	48.5
215	41.4	27.2	67.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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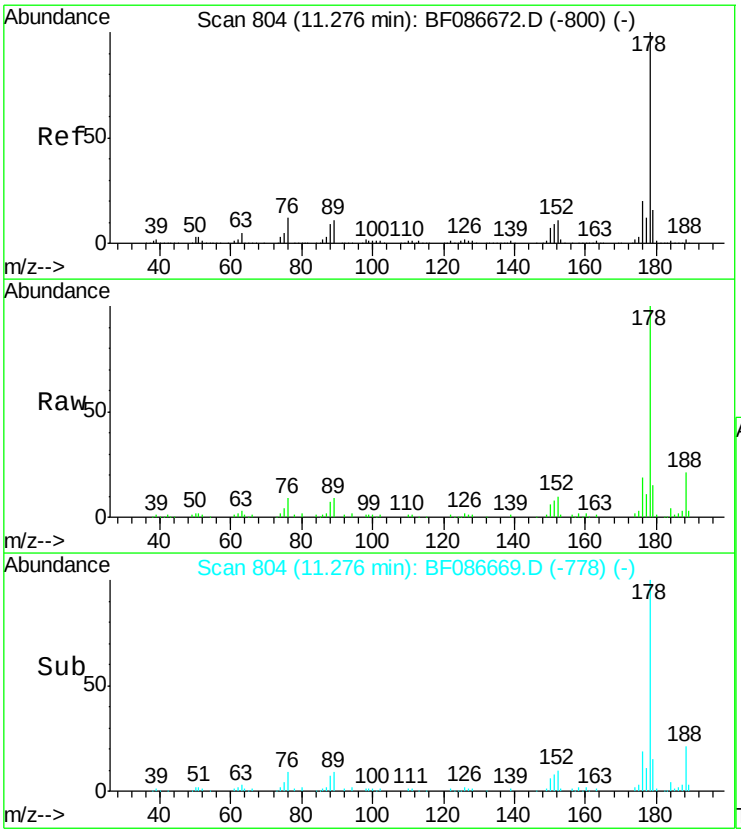
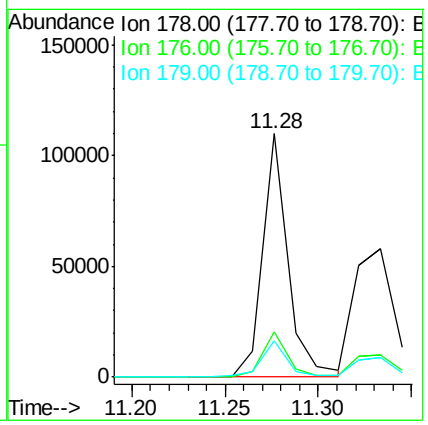
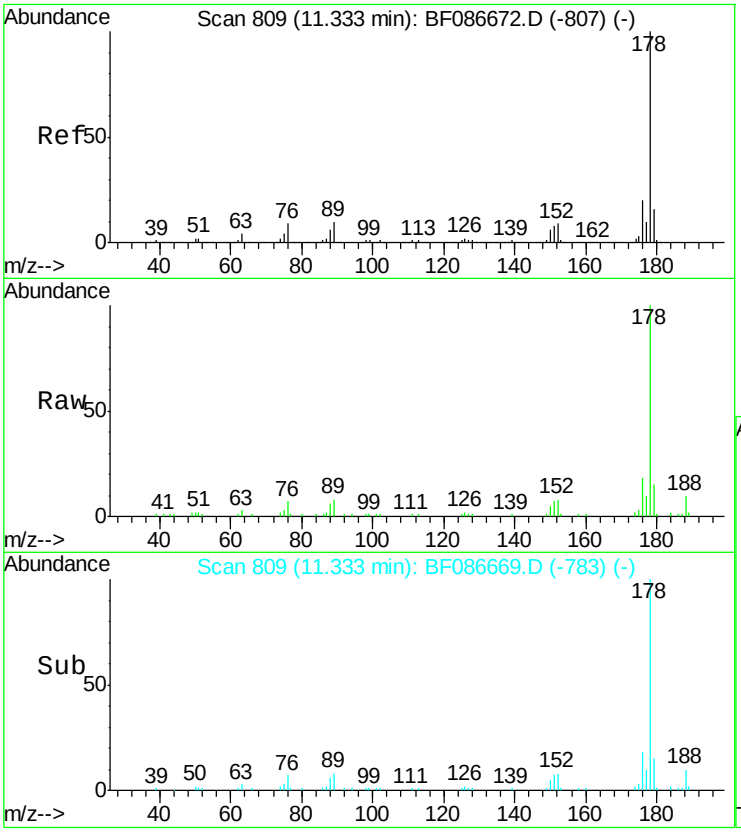


#70
Phenanthrene
Concen: 2.96 ng
RT: 11.28 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:178 Resp: 102938

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.0	24.0
179	15.0	12.6	18.8

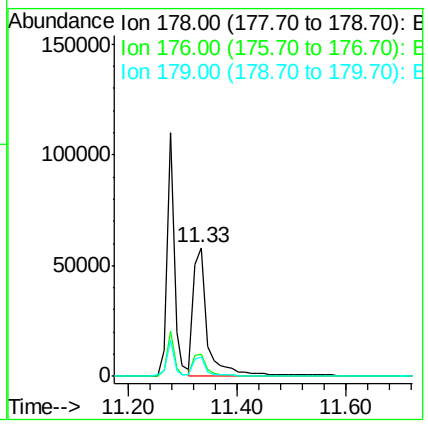




#71
Anthracene
Concen: 2.80 ng
RT: 11.33 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:178 Resp: 103662

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.6	23.4
179	15.2	12.7	19.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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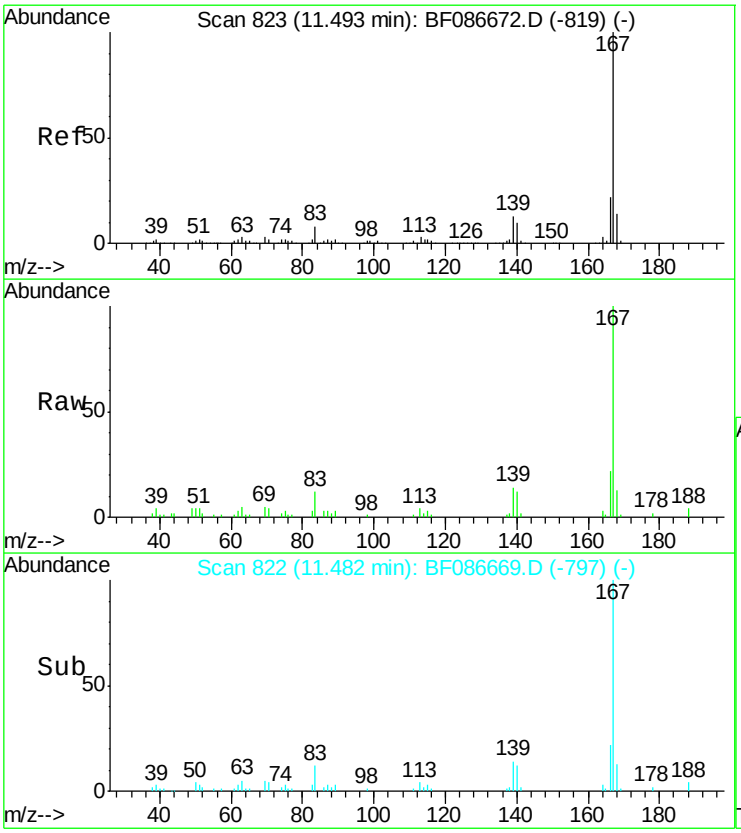
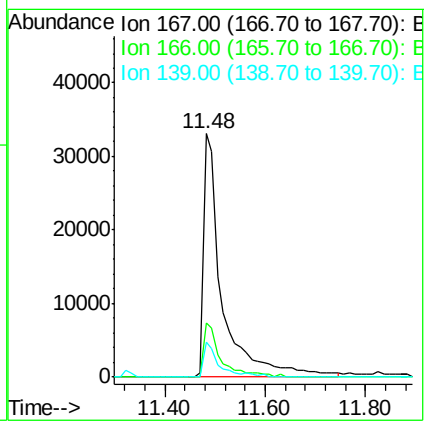
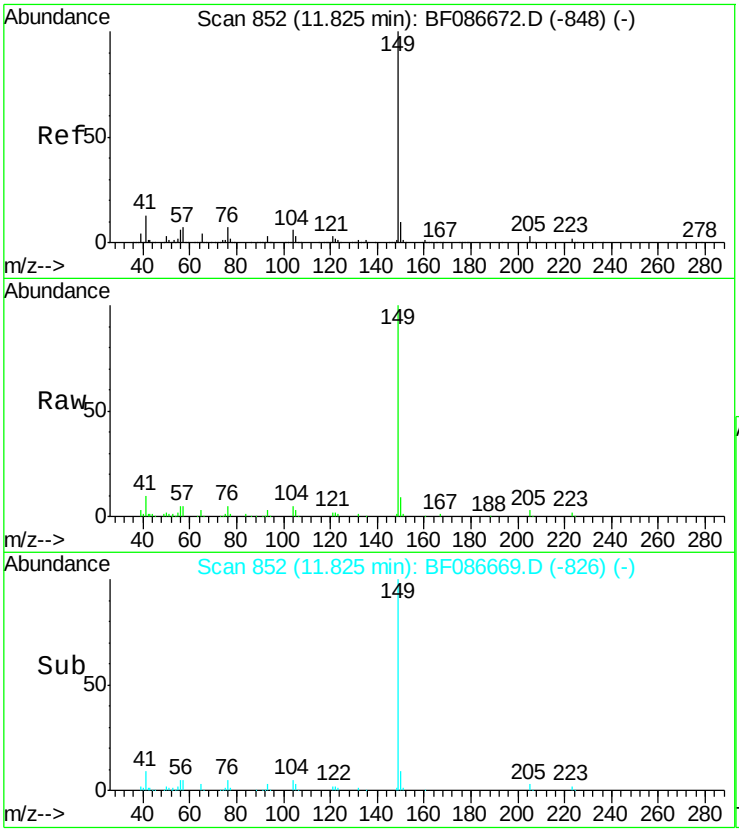


#72
Carbazole
Concen: 2.58 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:167 Resp: 84773

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.7	26.5
139	14.5	10.8	16.2

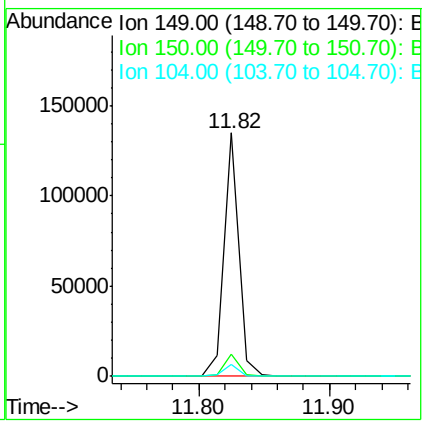




#73
Di-n-butylphthalate
Concen: 2.89 ng
RT: 11.82 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:149 Resp: 107562

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.6	11.4
104	4.8	3.8	5.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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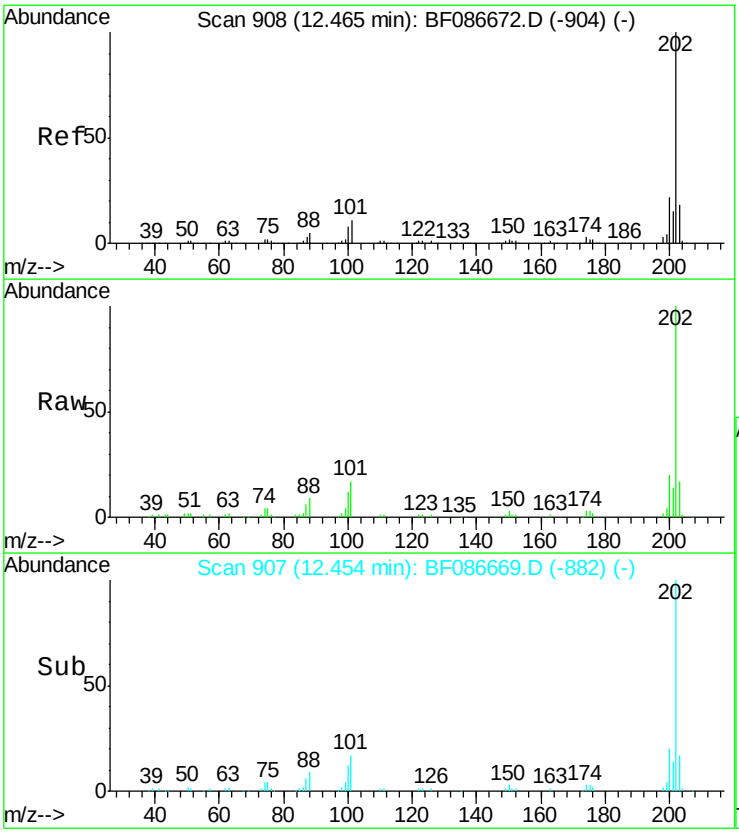
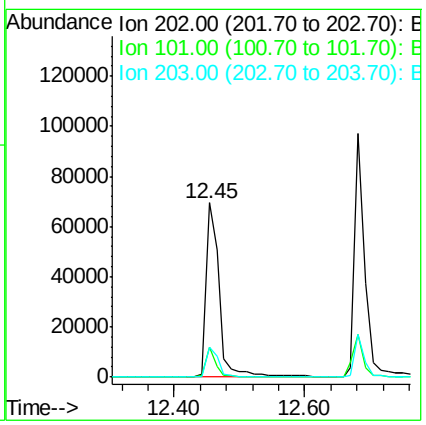
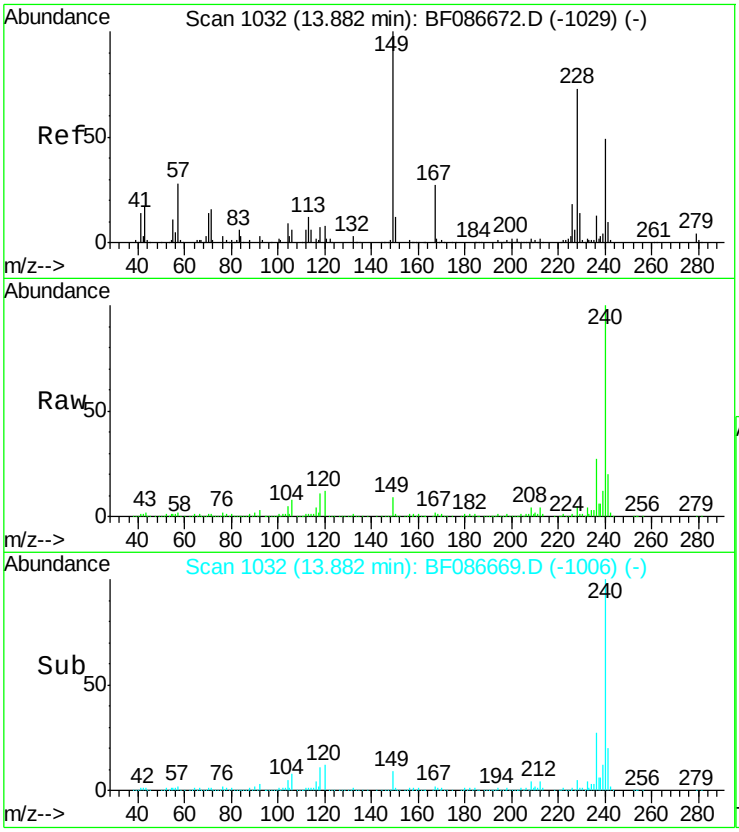


#74
Fluoranthene
Concen: 2.80 ng
RT: 12.45 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:202 Resp: 97999

Ion	Ratio	Lower	Upper
202	100		
101	17.2	0.0	35.4
203	17.1	0.0	38.1

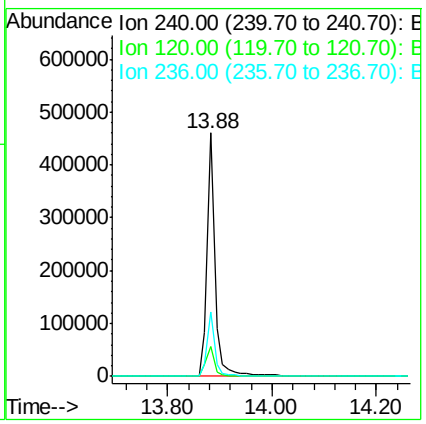




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:240 Resp: 493383

Ion	Ratio	Lower	Upper
240	100		
120	12.2	11.2	16.8
236	26.6	21.2	31.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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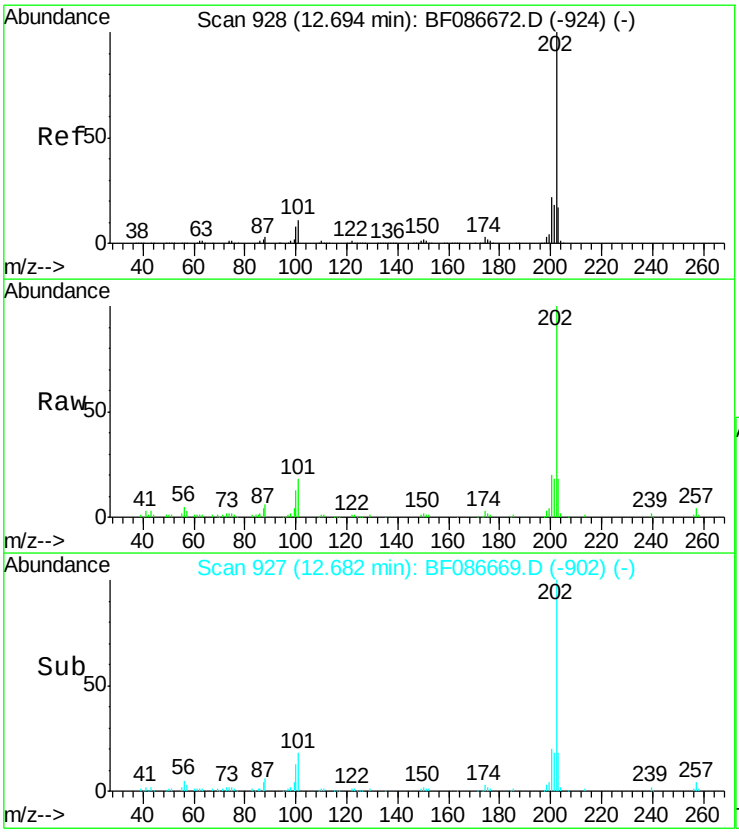
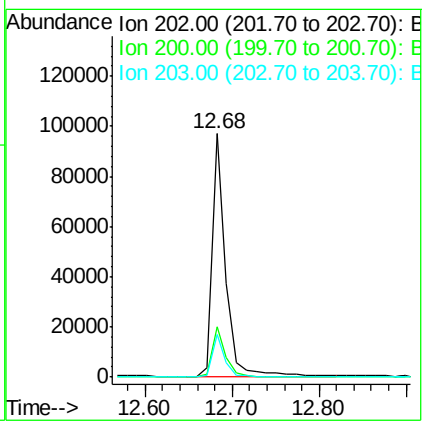
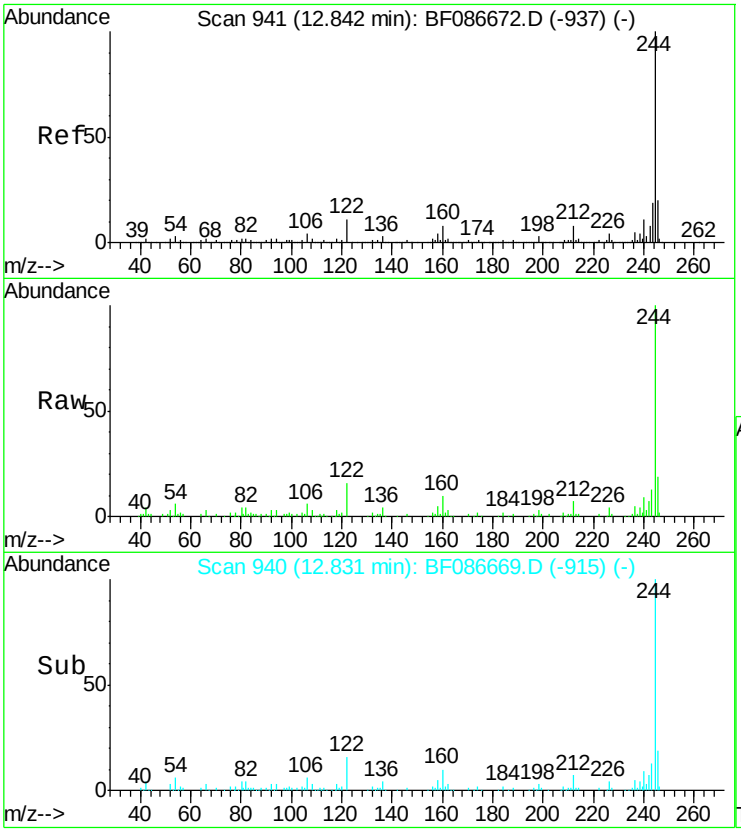


#77
Pyrene
Concen: 3.02 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:202 Resp: 107485

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.7	26.5
203	17.5	14.2	21.4

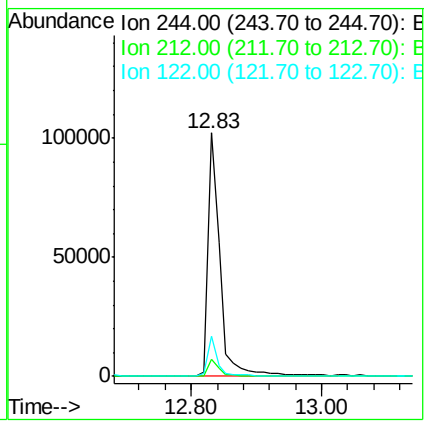




#78
Terphenyl-d14
Concen: 5.90 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:244 Resp: 132134

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	16.5	12.0	18.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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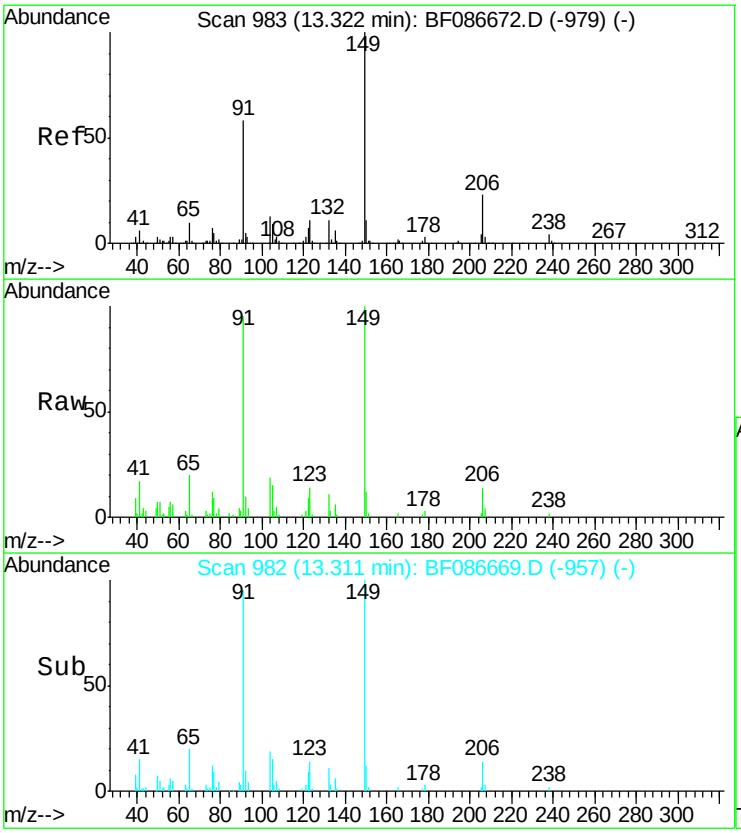
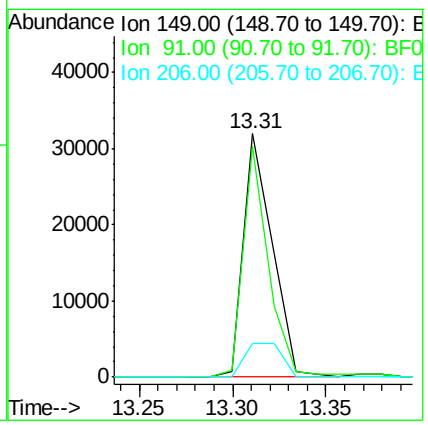
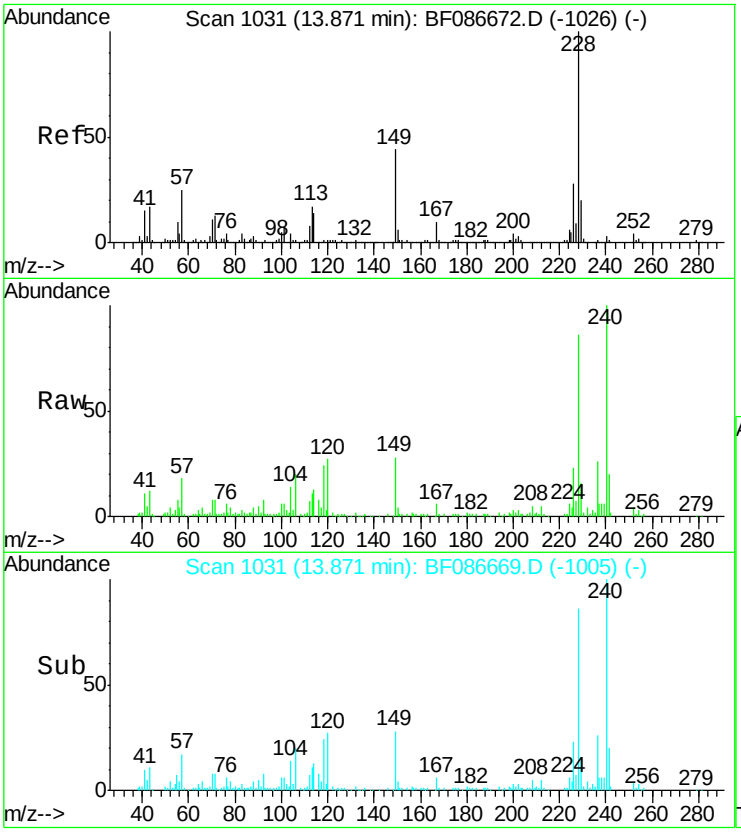


#79
Butylbenzylphthalate
Concen: 2.22 ng
RT: 13.31 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:149 Resp: 34176

Ion	Ratio	Lower	Upper
149	100		
91	94.8	48.0	72.0#
206	14.1	15.8	23.6#

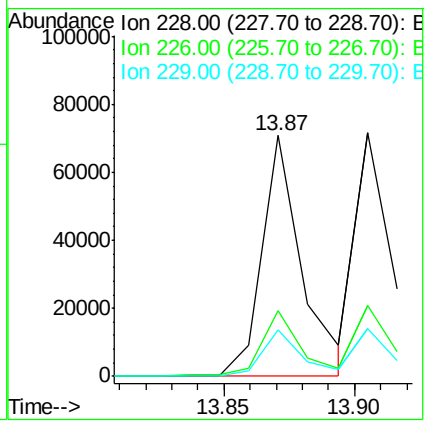




#80
Benzo(a)anthracene
Concen: 2.88 ng
RT: 13.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:228 Resp: 75736

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.5	33.7
229	19.2	16.6	25.0



Instrument :
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ClientSampleId :
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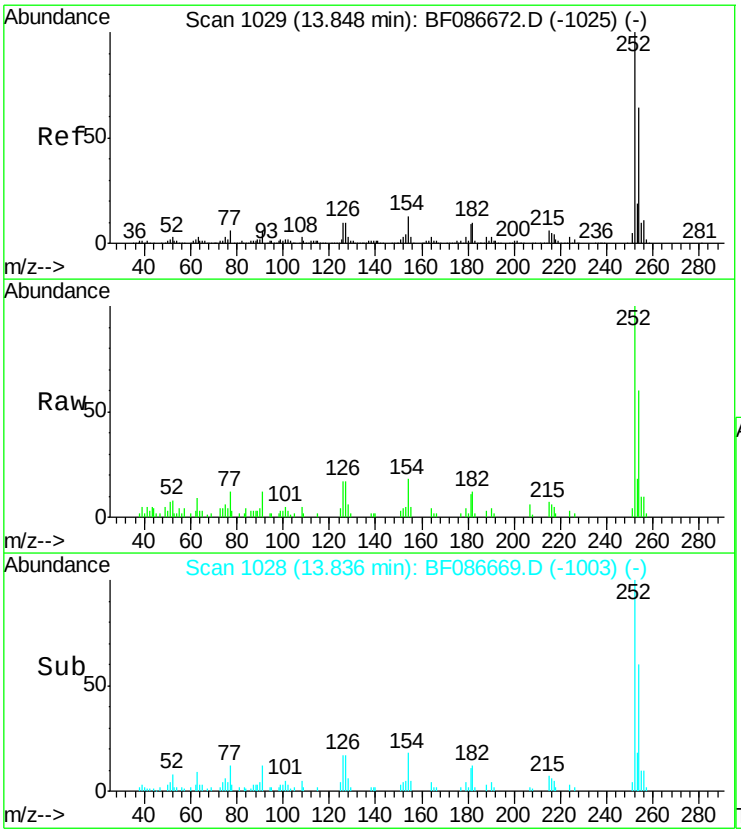
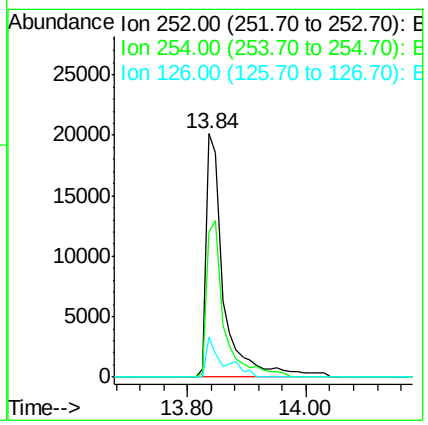
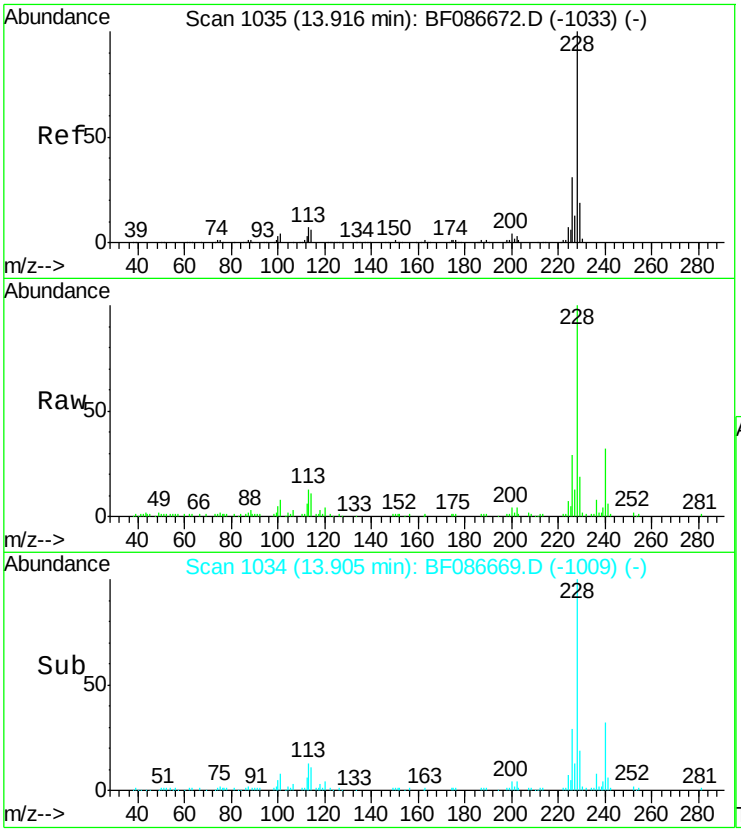


#81
3,3'-Dichlorobenzidine
Concen: 2.37 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:252 Resp: 41623

Ion	Ratio	Lower	Upper
252	100		
254	59.8	50.7	76.1
126	16.6	12.7	19.1





#82
Chrysene
Concen: 2.92 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:228 Resp: 83385

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.4	36.6
229	19.4	15.8	23.8

Instrument :
BNA_F
ClientSampleId :
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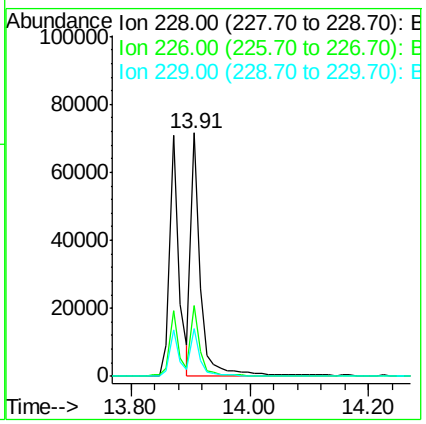
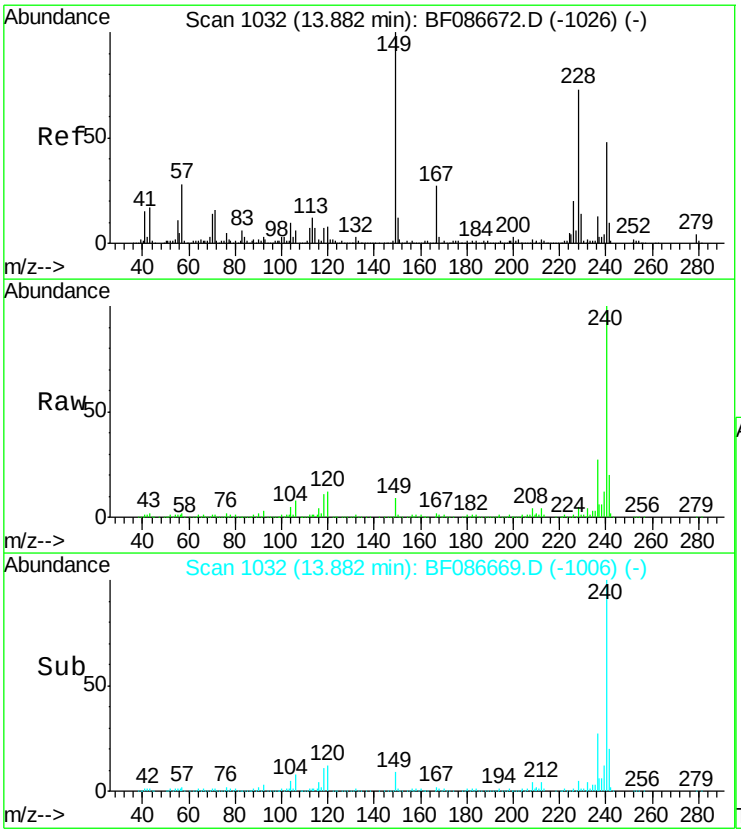
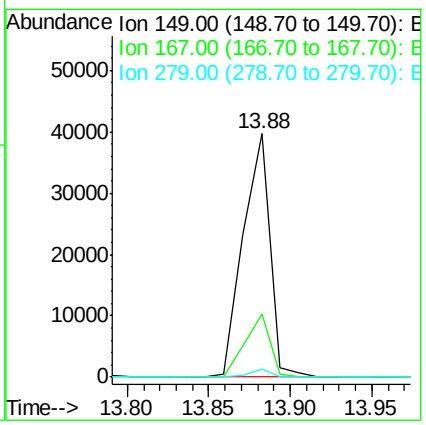


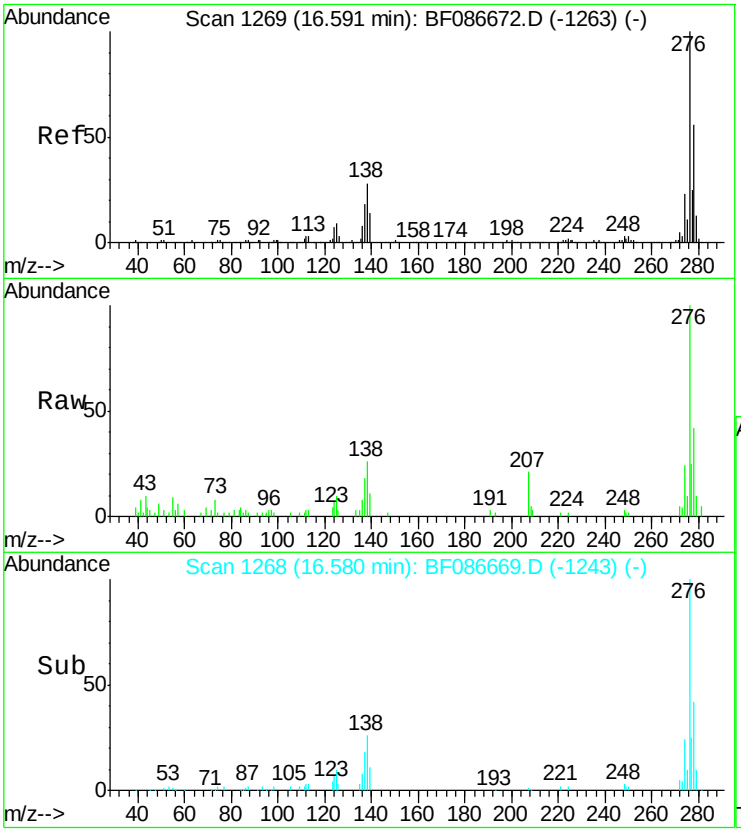


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.35 ng
RT: 13.88 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:149 Resp: 44994

Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.8	32.6
279	3.5	2.6	4.0

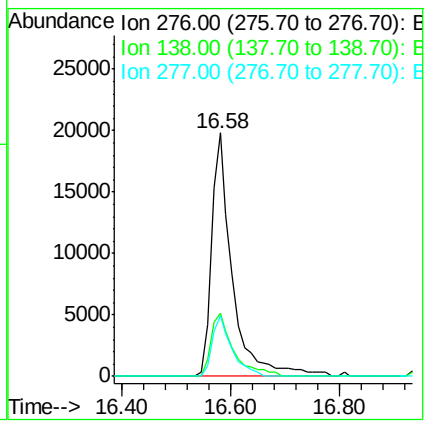




#85
Indeno(1,2,3-cd)pyrene
Concen: 2.50 ng
RT: 16.58 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:276 Resp: 52906

Ion	Ratio	Lower	Upper
276	100		
138	28.4	25.6	38.4
277	23.5	20.5	30.7



Instrument :
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ClientSampleId :
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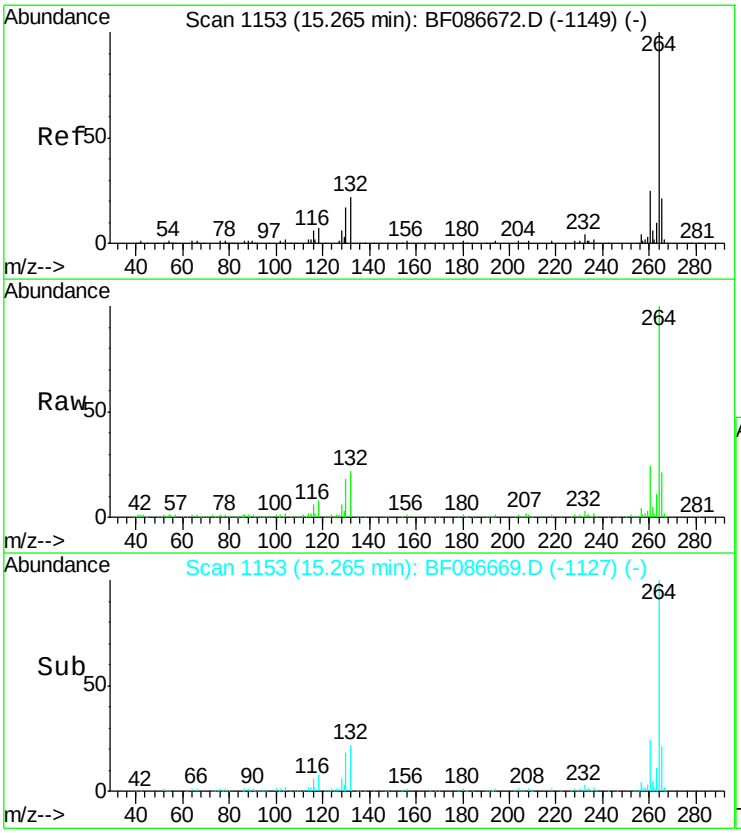
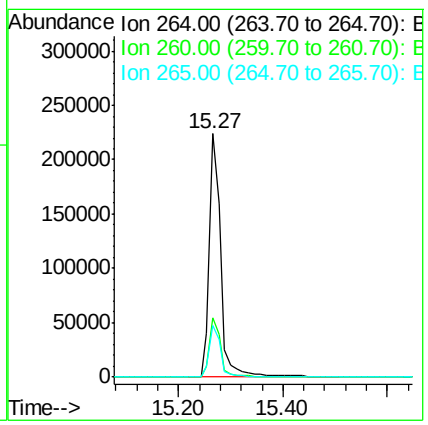
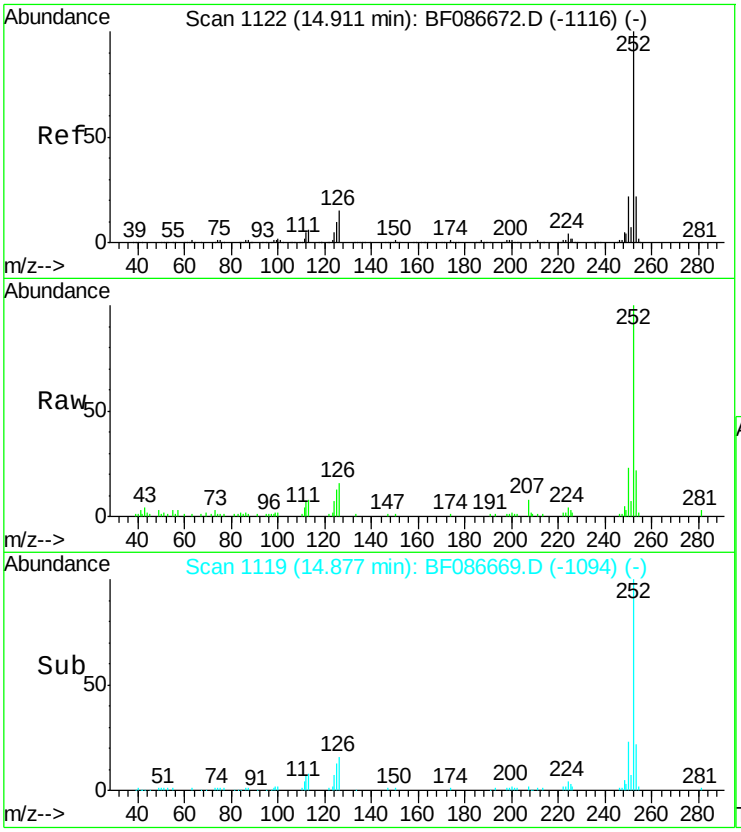


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:264 Resp: 340353

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.4	17.3	25.9

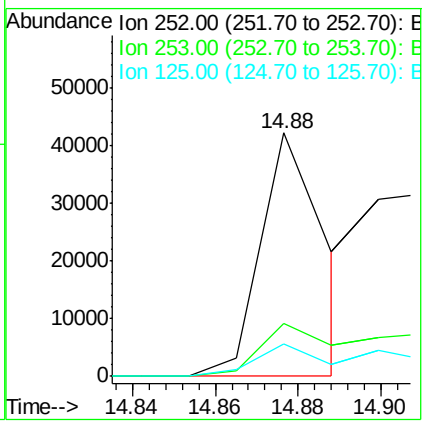




#87
Benzo(b)fluoranthene
Concen: 2.29 ng m
RT: 14.88 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

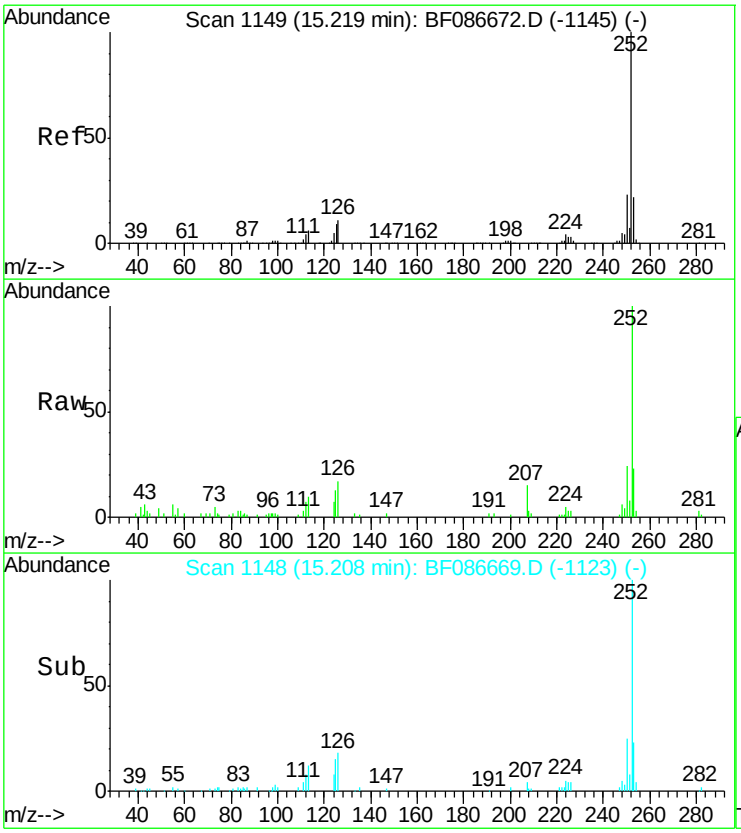
Tgt Ion:252 Resp: 45918

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	13.2	11.4	17.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

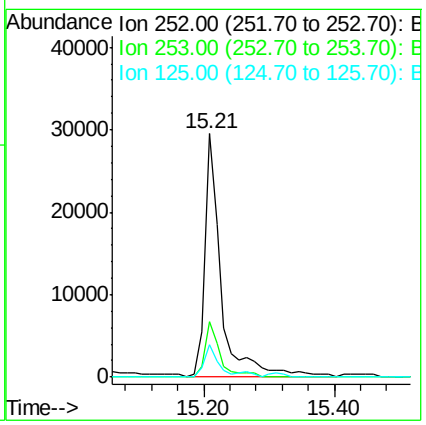
Manual Integrations APPROVED
sohil
5/5/2016 3:18:41 PM

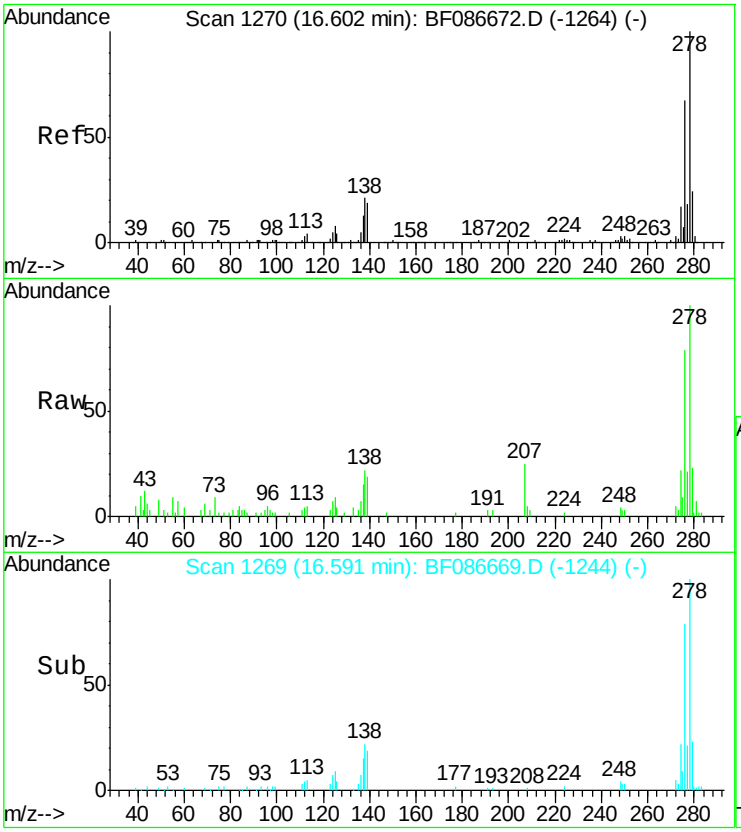


#89
Benzo(a)pyrene
Concen: 2.75 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:252 Resp: 51953

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	13.4	9.0	13.6

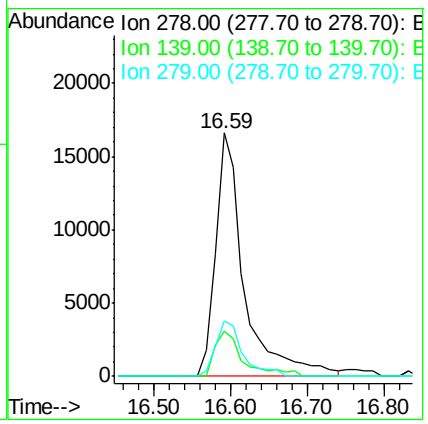




#90
Dibenzo(a,h)anthracene
Concen: 2.78 ng
RT: 16.59 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

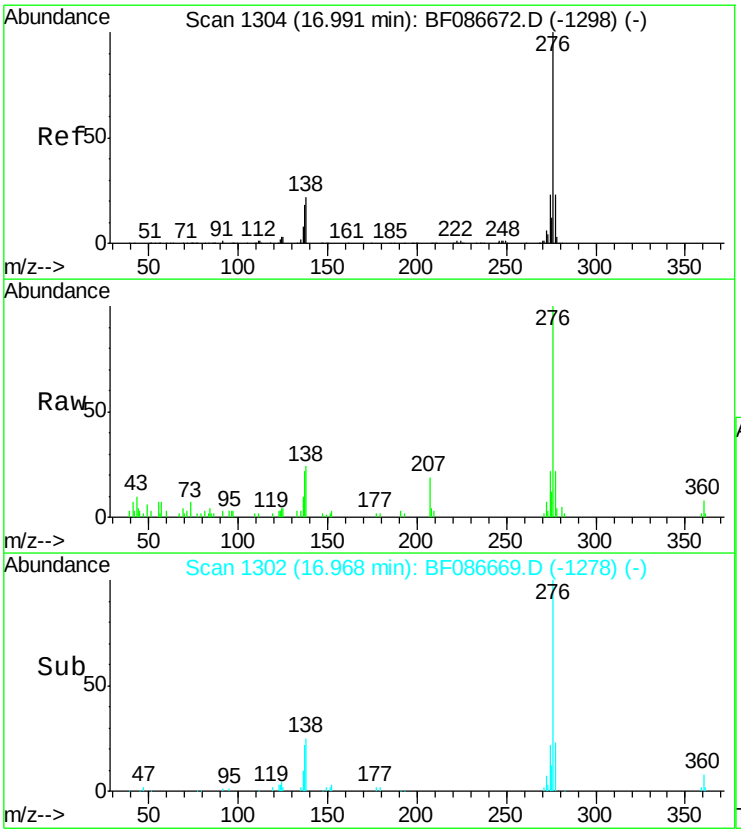
Tgt Ion:278 Resp: 43048

Ion	Ratio	Lower	Upper
278	100		
139	18.8	16.6	24.8
279	22.7	19.6	29.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
sohil
5/5/2016 3:18:41 PM



#91
Benzo(g,h,i)perylene
Concen: 3.09 ng
RT: 16.97 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF086669.D
Acq: 4 May 2016 11:20

Tgt Ion:276 Resp: 47965

Ion	Ratio	Lower	Upper
276	100		
277	22.3	19.6	29.4
138	23.8	23.6	35.4