Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086850.D
Acq On : 10 May 2016 5:13
Operator : UM/SJ
Sample : H2707-08MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

Manual Integrations APPROVED
sohil
5/10/2016 11:06:14 AM

Quant Time: May 10 05:48:51 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	154044	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	617659	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	292584	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	506453	20.00	ng		0.00
75) Chrysene-d12	13.84	240	286704	20.00	ng		0.00
86) Perylene-d12	15.21	264	298378	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1204737	132.45	ng		0.01
7) Phenol-d6	6.36	99	1562771	128.55	ng		0.00
23) Nitrobenzene-d5	7.26	82	1154746	93.88	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	386854	124.89	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1516245	87.10	ng		0.00
78) Terphenyl-d14	12.78	244	1193505	88.32	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	159229	35.66	ng	#	69
3) Pyridine	2.92	79	437558	40.08	ng	#	68
4) n-Nitrosodimethylamine	2.88	42	371738	46.96	ng	#	49
6) Aniline	6.36	93	362091	24.63	ng	#	35
8) 2-Chlorophenol	6.49	128	520659	47.44	ng		96
9) Benzaldehyde	6.24	77	90748	12.89	ng		93
10) Phenol	6.37	94	703990	48.72	ng		73
11) bis(2-Chloroethyl)ether	6.44	93	529105	46.96	ng		91
12) 1,3-Dichlorobenzene	6.62	146	513723m	43.25	ng		
13) 1,4-Dichlorobenzene	6.70	146	514248m	42.45	ng		
14) 1,2-Dichlorobenzene	6.86	146	494670	46.86	ng		99
15) Benzyl Alcohol	6.85	79	442185	52.68	ng		88
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1022671	41.75	ng		56
17) 2-Methylphenol	6.98	107	430434	49.28	ng	#	82
18) Hexachloroethane	7.20	117	192383	42.21	ng		97
19) n-Nitroso-di-n-propylamine	7.13	70	443252	52.17	ng	#	77
20) 3+4-Methylphenols	7.14	107	566312	49.65	ng	#	58
22) Acetophenone	7.12	105	748082	51.28	ng		98
24) Nitrobenzene	7.29	77	640964	50.65	ng		99
25) Isophorone	7.53	82	1087159	47.63	ng		99
26) 2-Nitrophenol	7.61	139	275783	49.58	ng		94
27) 2,4-Dimethylphenol	7.65	122	412950	43.58	ng		88
28) bis(2-Chloroethoxy)methane	7.74	93	695108	56.46	ng		98
29) 2,4-Dichlorophenol	7.86	162	424014	50.84	ng		93
30) 1,2,4-Trichlorobenzene	7.93	180	457654	49.08	ng		99
31) Naphthalene	8.00	128	1455978	47.06	ng		99
32) Benzoic acid	7.77	122	47242	8.49	ng		88
33) 4-Chloroaniline	8.06	127	234764	19.53	ng	#	94
34) Hexachlorobutadiene	8.12	225	258530	47.79	ng		99
35) Caprolactam	8.45	113	139022m	49.00	ng		
36) 4-Chloro-3-methylphenol	8.57	107	478508	47.31	ng		91
37) 2-Methylnaphthalene	8.69	142	962676	53.23	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	397951	46.78	ng		100
40) Hexachlorocyclopentadiene	8.84	237	210994	52.26	ng		97

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Quant Time: May 10 05:48:51 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	274215	48.21	ng		96
43) 2,4,5-Trichlorophenol	9.04	196	283797	48.24	ng		92
45) 1,1'-Biphenyl	9.16	154	1210800	52.03	ng		98
46) 2-Chloronaphthalene	9.18	162	909420	49.88	ng		99
47) 2-Nitroaniline	9.29	65	327597	49.16	ng	#	75
48) Acenaphthylene	9.60	152	1361185	50.76	ng		99
49) Dimethylphthalate	9.47	163	1162310	52.07	ng		99
50) 2,6-Dinitrotoluene	9.53	165	224166	47.72	ng	#	66
51) Acenaphthene	9.77	154	858167	51.44	ng		98
52) 3-Nitroaniline	9.70	138	154318	31.20	ng	#	80
53) 2,4-Dinitrophenol	9.81	184	101372	45.86	ng	#	85
54) Dibenzofuran	9.94	168	1183882	55.28	ng		97
55) 4-Nitrophenol	9.89	139	325053	97.51	ng	#	65
56) 2,4-Dinitrotoluene	9.94	165	292296	50.28	ng		87
57) Fluorene	10.28	166	918743	50.30	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	245569	55.45	ng		98
59) Diethylphthalate	10.17	149	1074474	49.40	ng		97
60) 4-Chlorophenyl-phenylether	10.27	204	385897	49.89	ng		98
61) 4-Nitroaniline	10.32	138	210998	44.42	ng	#	72
62) Azobenzene	10.43	77	1179950	50.28	ng		87
64) 4,6-Dinitro-2-methylphenol	10.34	198	108227	34.40	ng	#	36
65) n-Nitrosodiphenylamine	10.40	169	789321	50.73	ng		99
66) 4-Bromophenyl-phenylether	10.76	248	271356	52.85	ng	#	83
67) Hexachlorobenzene	10.82	284	272008	45.33	ng	#	73
68) Atrazine	10.93	200	286291	55.08	ng		96
69) Pentachlorophenol	11.02	266	272907	98.40	ng		98
70) Phenanthrene	11.23	178	1161602	42.98	ng		100
71) Anthracene	11.29	178	1369667	49.55	ng		100
72) Carbazole	11.45	167	1210727	50.95	ng		99
73) Di-n-butylphthalate	11.78	149	1496084	51.56	ng	#	99
74) Fluoranthene	12.41	202	1078144	38.78	ng		100
76) Benzidine	12.54	184	150445	20.58	ng		95
77) Pyrene	12.64	202	1034555	47.13	ng		100
79) Butylbenzylphthalate	13.26	149	509687	54.90	ng	#	75
80) Benzo(a)anthracene	13.83	228	750135	46.61	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	219964	21.51	ng		99
82) Chrysene	13.86	228	779722	47.63	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	668963	59.90	ng		98
84) Di-n-octyl phthalate	14.43	149	1005089	54.33	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.50	276	868149	63.73	ng		95
87) Benzo(b)fluoranthene	14.83	252	870230m	44.88	ng		
88) Benzo(k)fluoranthene	14.85	252	680439m	42.85	ng		
89) Benzo(a)pyrene	15.15	252	766836	45.85	ng		97
90) Dibenzo(a,h)anthracene	16.51	278	728288	51.66	ng		97
91) Benzo(g,h,i)perylene	16.89	276	694013	48.45	ng		94

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

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ClientSampleId :
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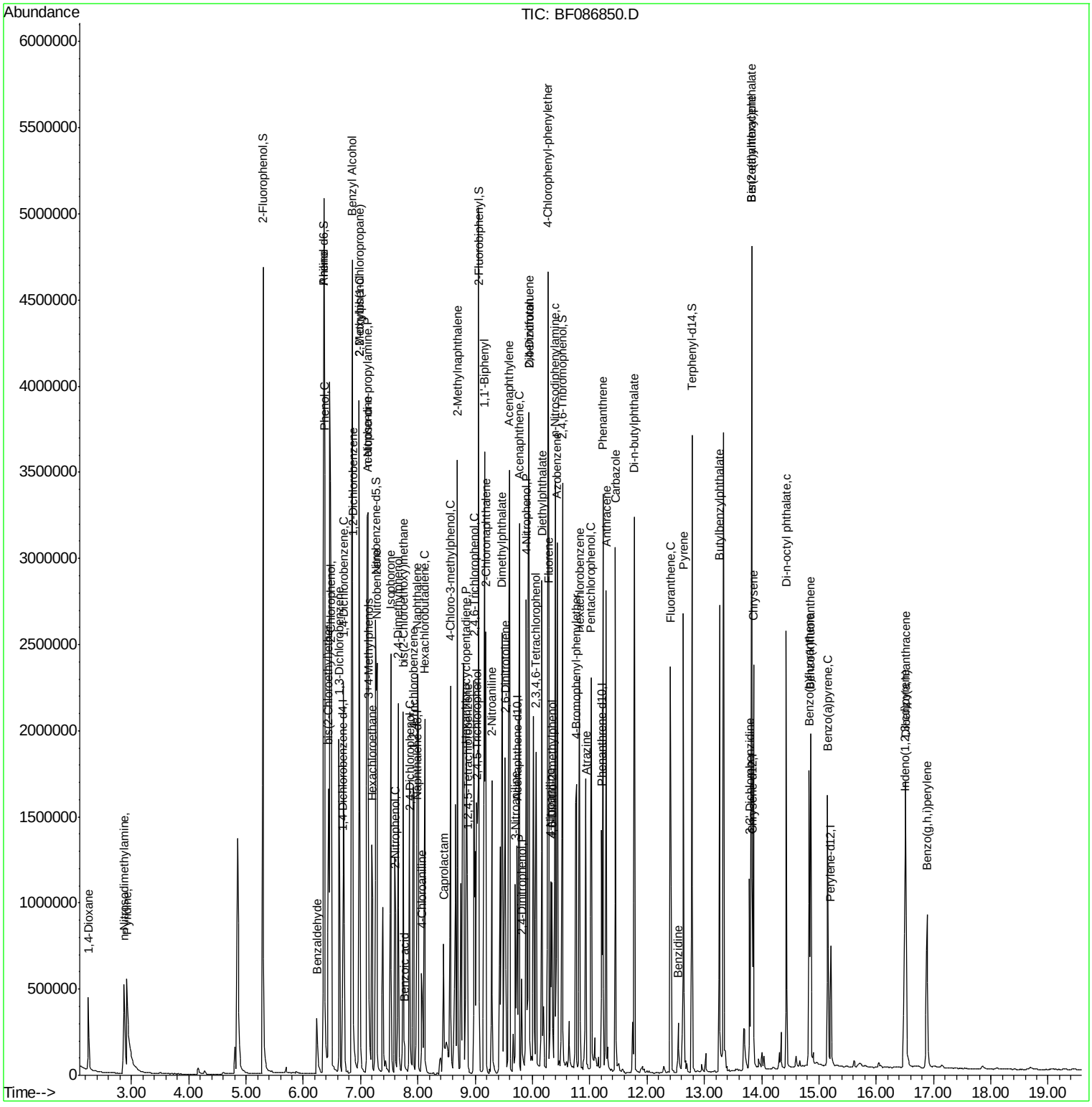
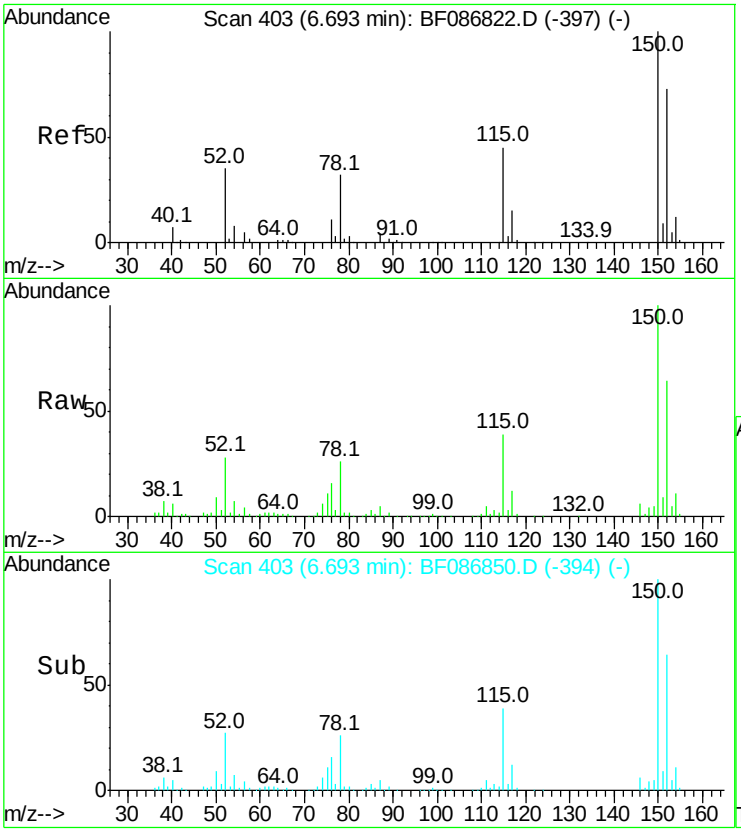
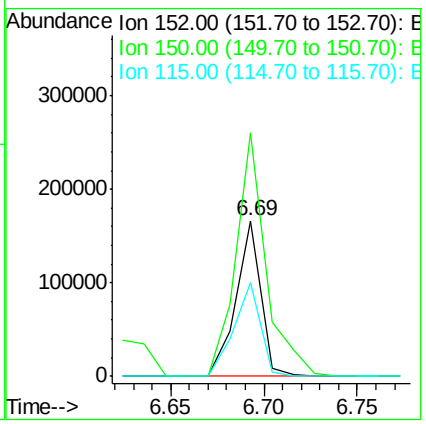




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:152 Resp: 154044

Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.8	188.6
115	60.2	51.5	77.3



Instrument :
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RICHMOND-AMBOY-SB09(0.5-6.0)M

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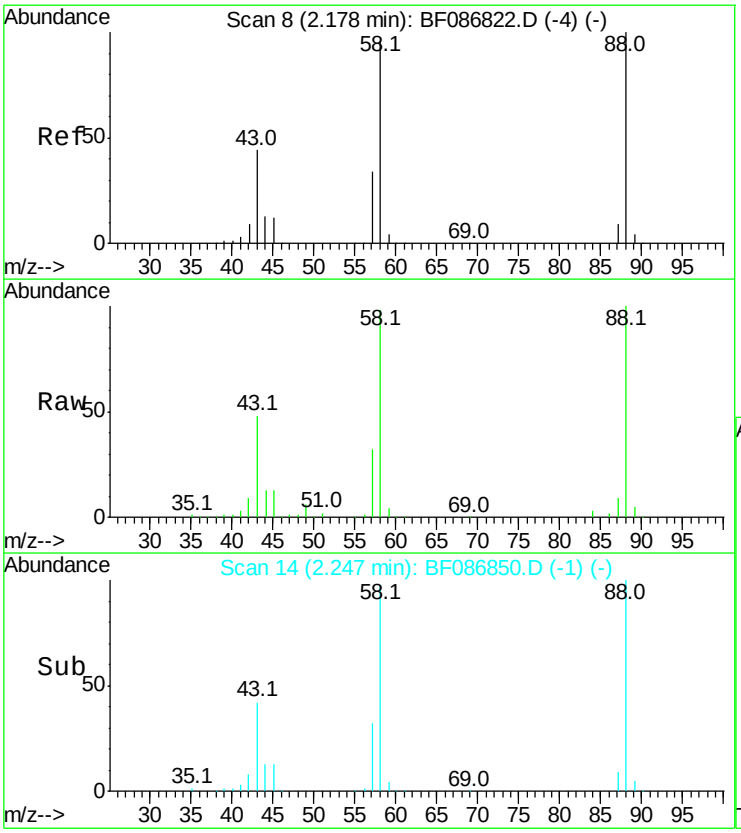
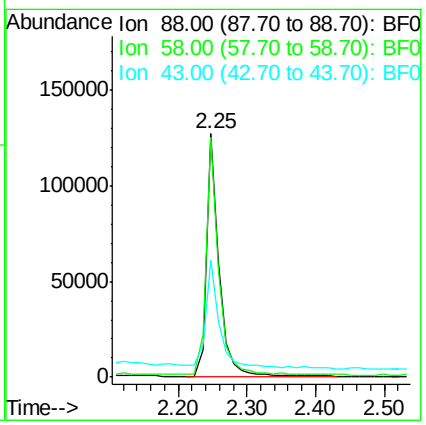
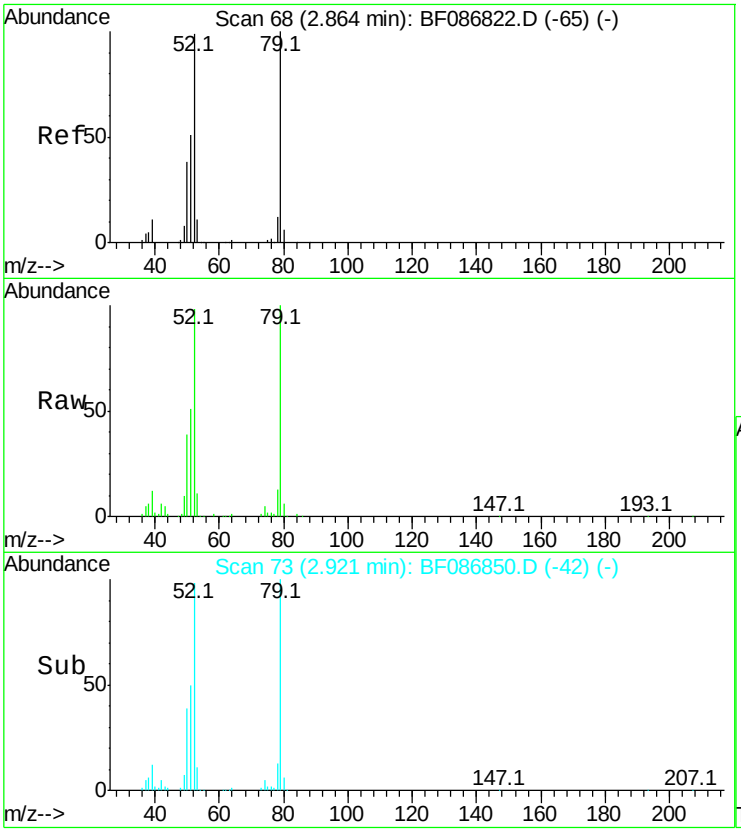


#2
1,4-Dioxane
Concen: 35.66 ng
RT: 2.25 min Scan# 14
Delta R.T. 0.07 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion: 88 Resp: 159229

Ion	Ratio	Lower	Upper
88	100		
58	98.8	59.6	89.4#
43	47.5	21.8	32.6#

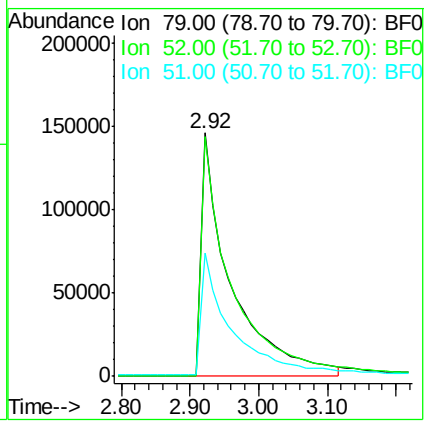




#3
Pyridine
Concen: 40.08 ng
RT: 2.92 min Scan# 73
Delta R.T. 0.06 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion: 79 Resp: 437558

Ion	Ratio	Lower	Upper
79	100		
52	98.3	55.9	83.9#
51	50.7	28.1	42.1#



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ClientSampleId :
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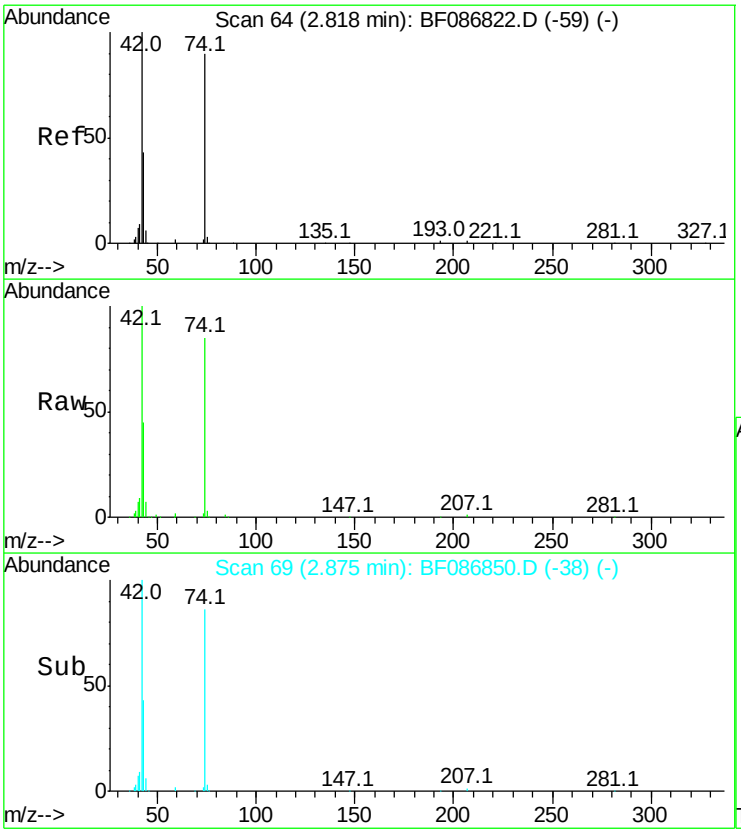
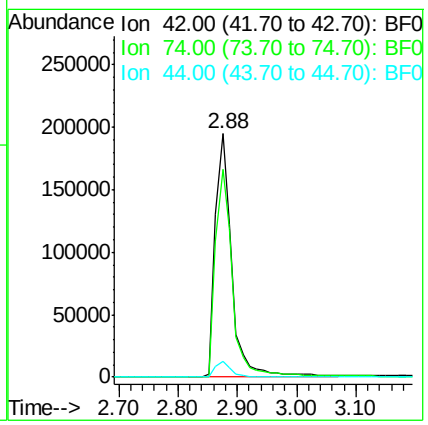
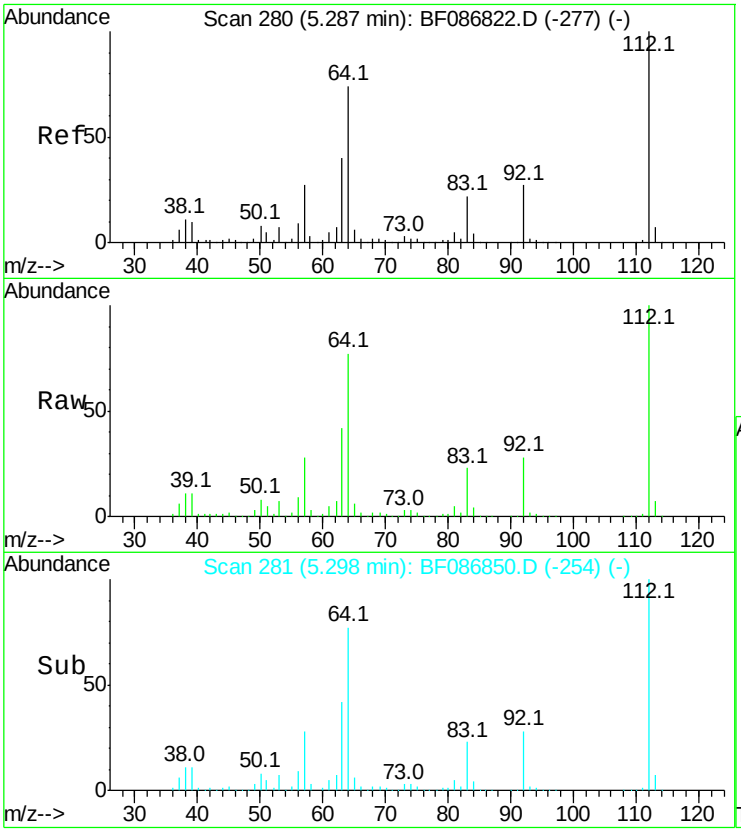


#4
n-Nitrosodimethylamine
Concen: 46.96 ng
RT: 2.88 min Scan# 69
Delta R.T. 0.06 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion: 42 Resp: 371738

Ion	Ratio	Lower	Upper
42	100		
74	85.5	123.4	185.0#
44	6.6	5.8	8.6





#5
2-Fluorophenol
Concen: 132.45 ng
RT: 5.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:112 Resp: 1204737

Ion	Ratio	Lower	Upper
112	100		
64	76.9	52.1	78.1
63	42.2	25.7	38.5#

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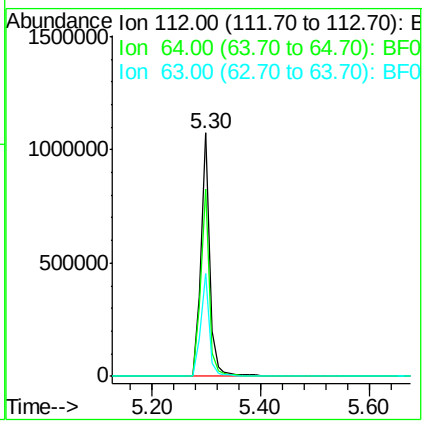
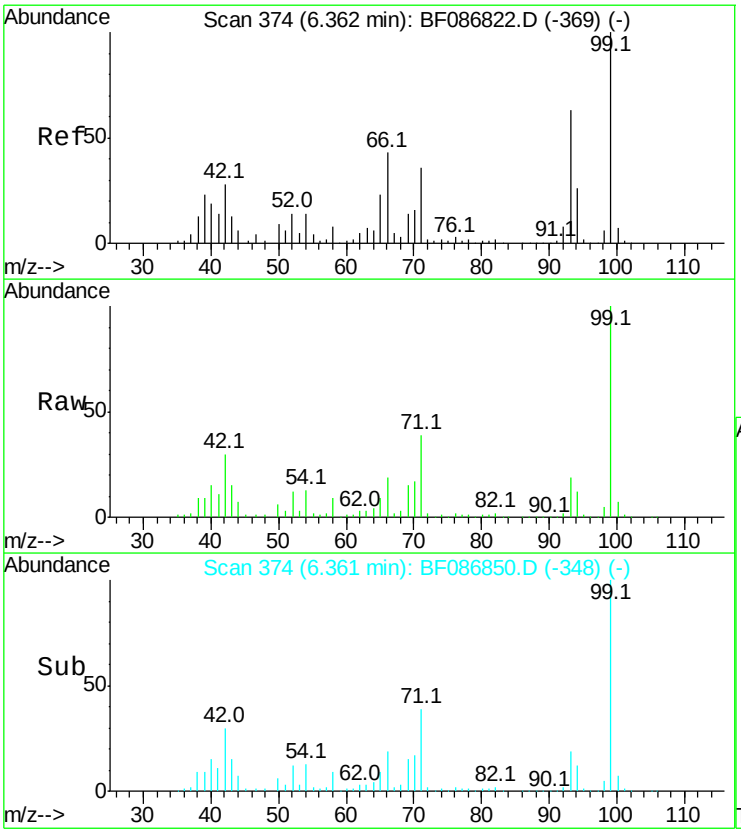
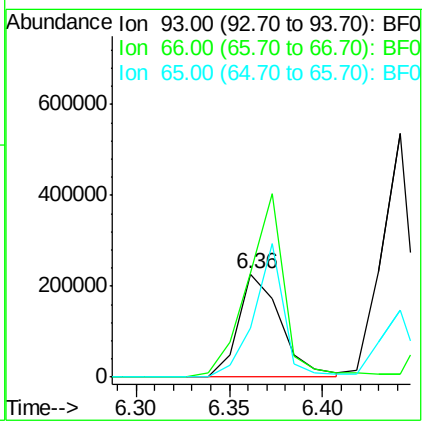


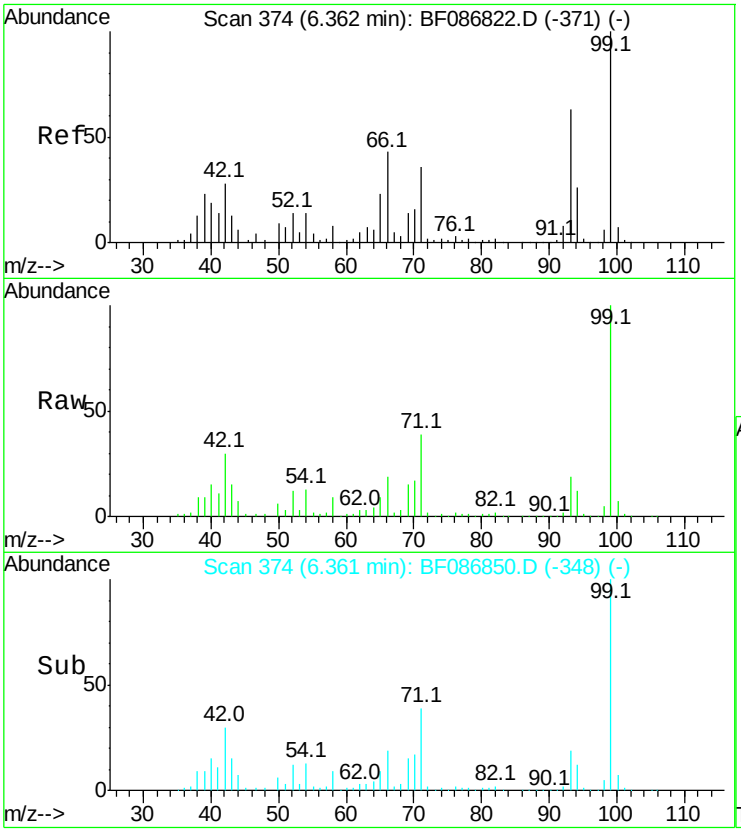


#6
Aniline
Concen: 24.63 ng
RT: 6.36 min Scan# 374
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion: 93 Resp: 362091

Ion	Ratio	Lower	Upper
93	100		
66	100.6	39.0	58.6#
65	47.8	20.6	31.0#

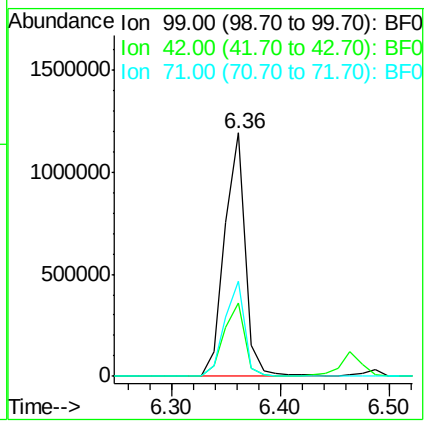




#7
Phenol-d6
Concen: 128.55 ng
RT: 6.36 min Scan# 374
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion: 99 Resp: 1562771

Ion	Ratio	Lower	Upper
99	100		
42	30.2	13.6	20.4#
71	39.3	24.6	36.8#



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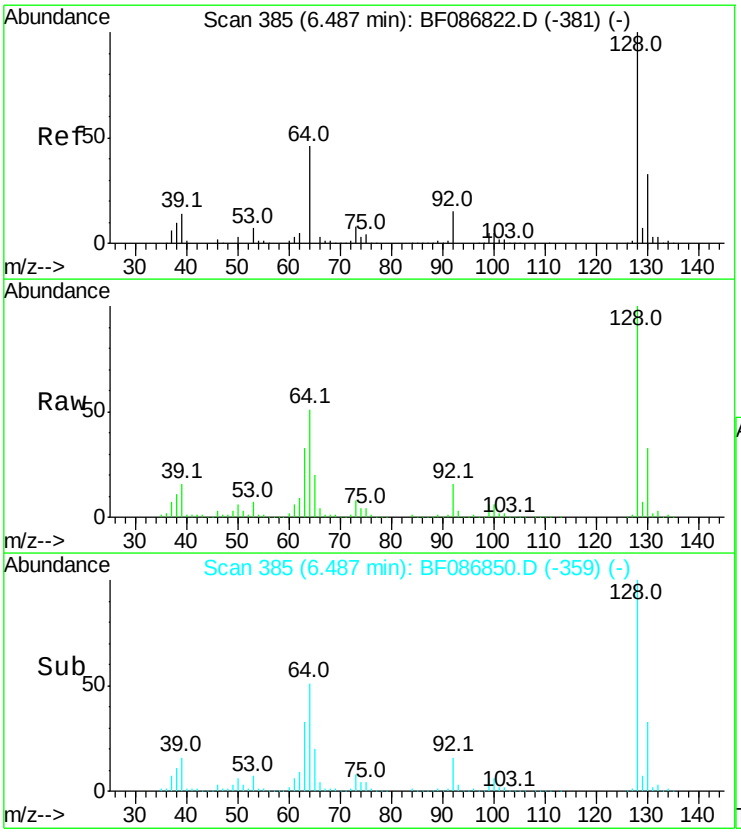
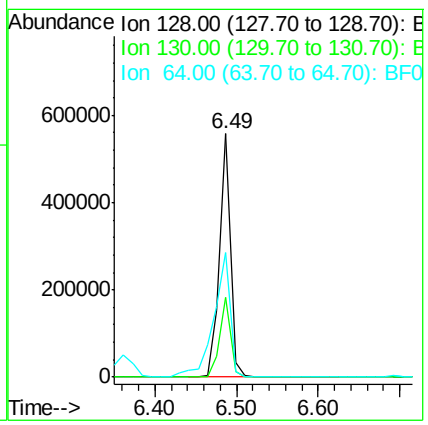
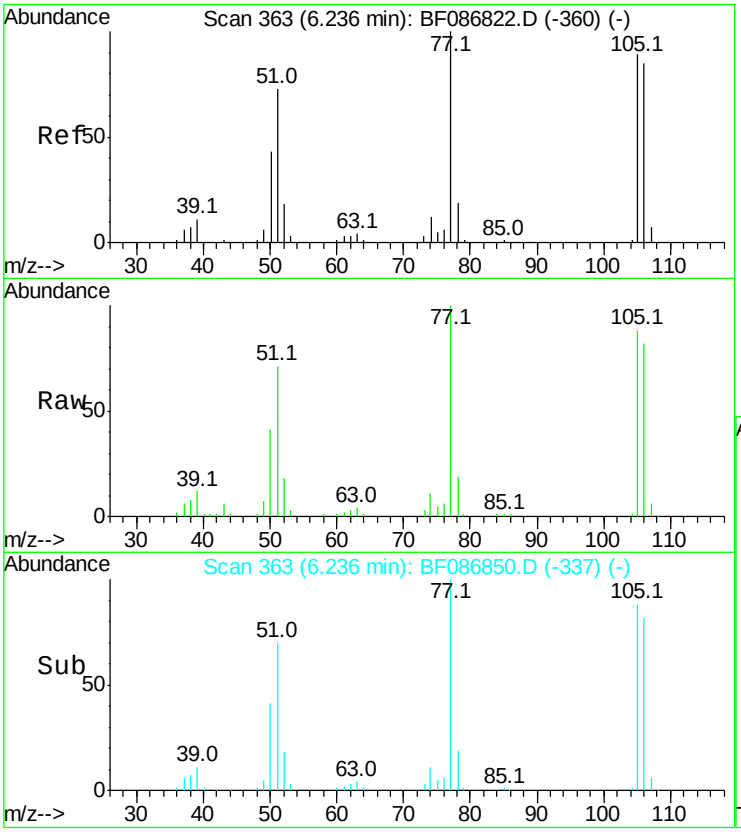


#8
2-Chlorophenol
Concen: 47.44 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:128 Resp: 520659

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.5	52.5
64	51.0	27.3	67.3

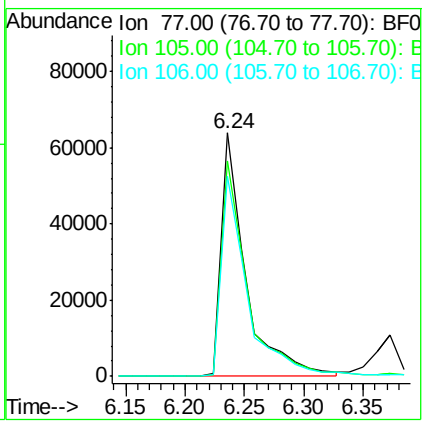




#9
Benzaldehyde
Concen: 12.89 ng
RT: 6.24 min Scan# 363
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion: 77 Resp: 90748

Ion	Ratio	Lower	Upper
77	100		
105	88.5	72.7	112.7
106	81.9	70.8	110.8



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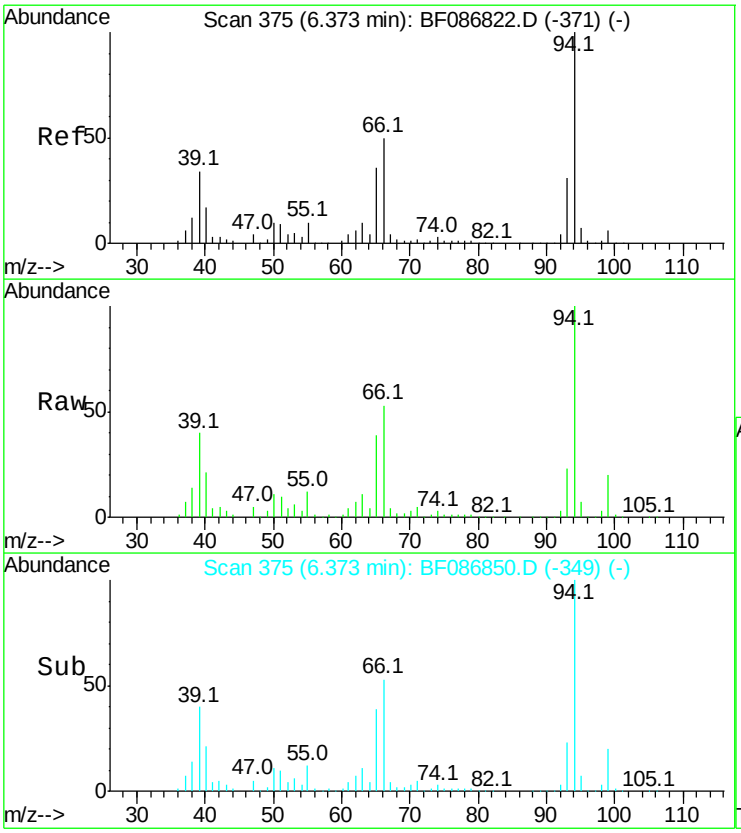
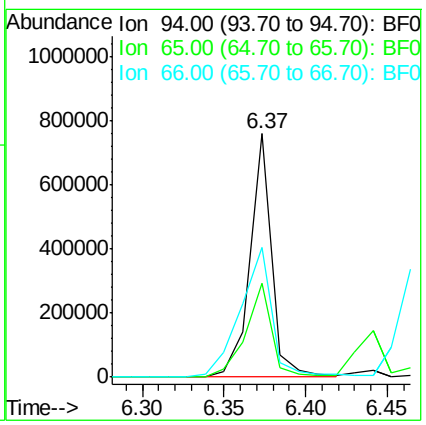
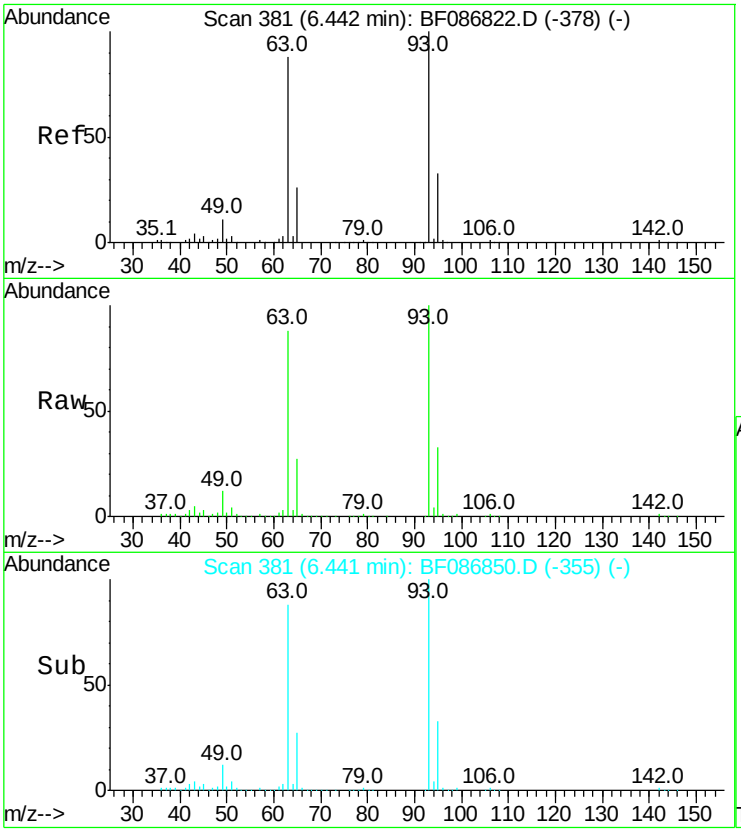


#10
Phenol
Concen: 48.72 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion: 94 Resp: 703990

Ion	Ratio	Lower	Upper
94	100		
65	38.7	7.2	47.2
66	53.2	14.9	54.9





#11
bis(2-Chloroethyl)ether
Concen: 46.96 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion: 93 Resp: 529105

Ion	Ratio	Lower	Upper
93	100		
63	88.4	58.0	98.0
95	33.1	11.9	51.9

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

Manual Integrations APPROVED
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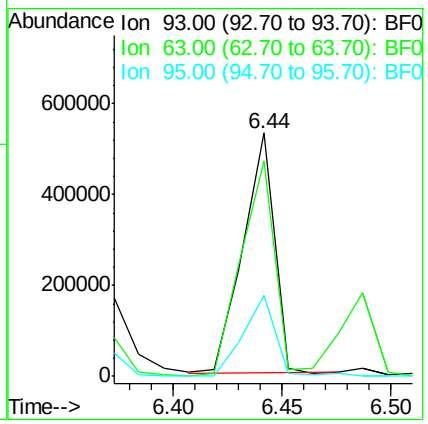
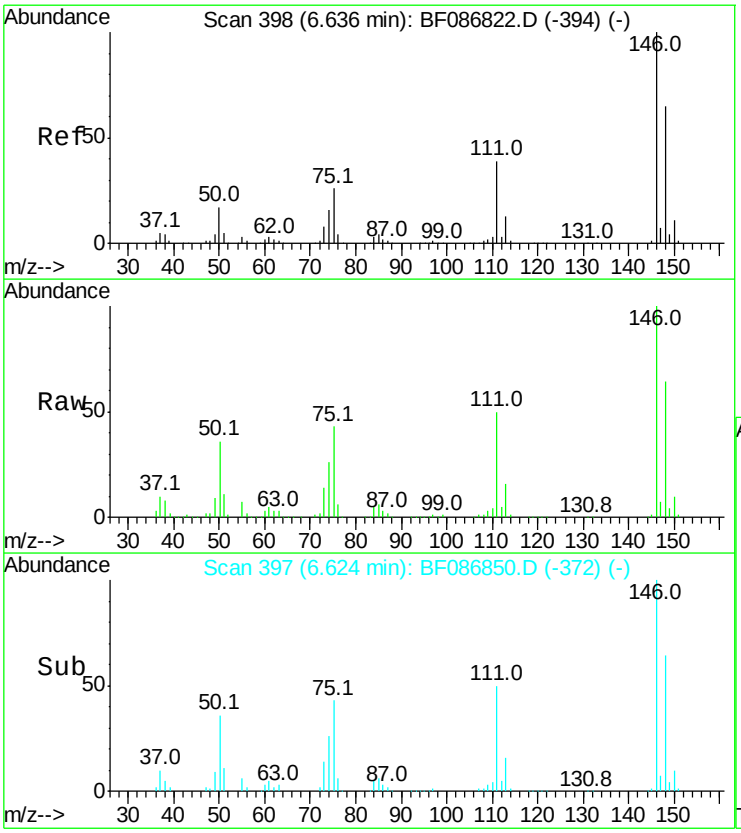
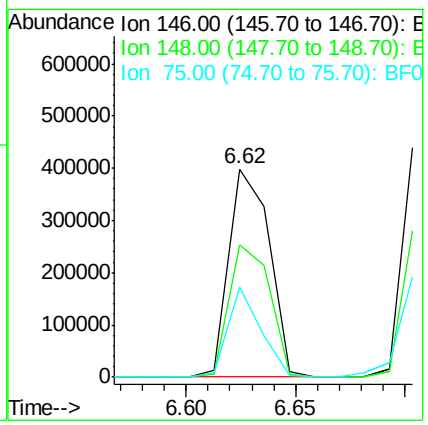


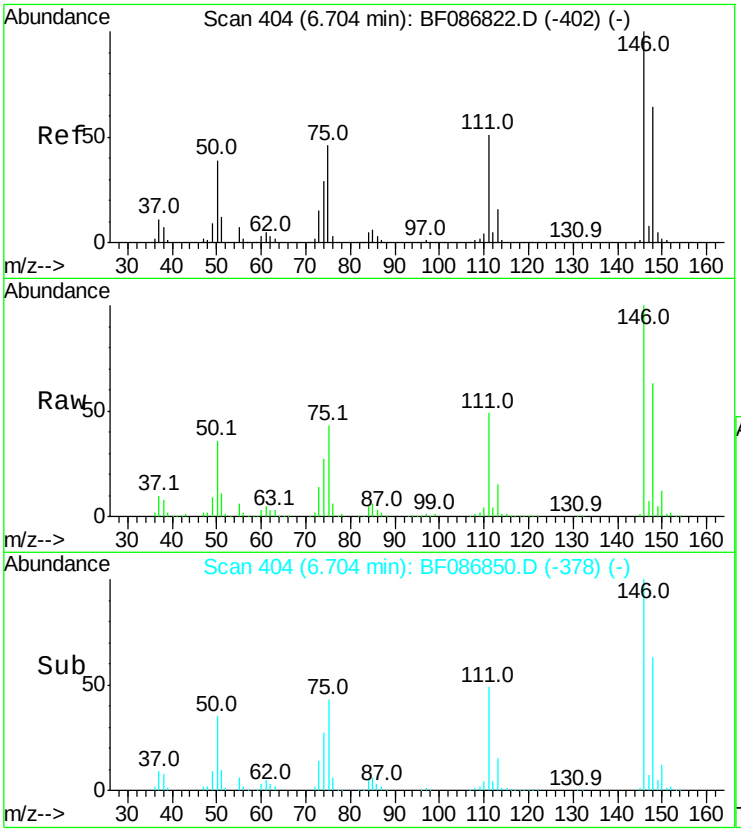


#12
1,3-Dichlorobenzene
Concen: 43.25 ng m
RT: 6.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:146 Resp: 513723

Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.4	78.6
75	43.0	22.8	34.2#

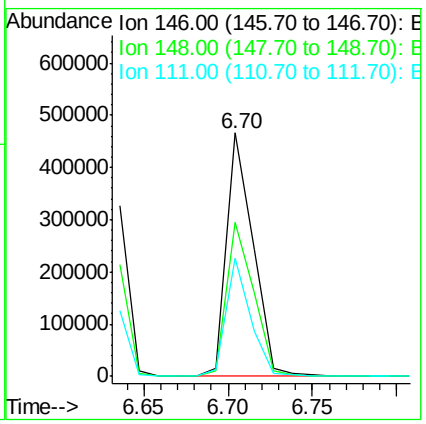




#13
1,4-Dichlorobenzene
Concen: 42.45 ng m
RT: 6.70 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:146 Resp: 514248

Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.2	78.4
111	48.8	30.7	46.1#



Instrument :
BNA_F
ClientSampleId :
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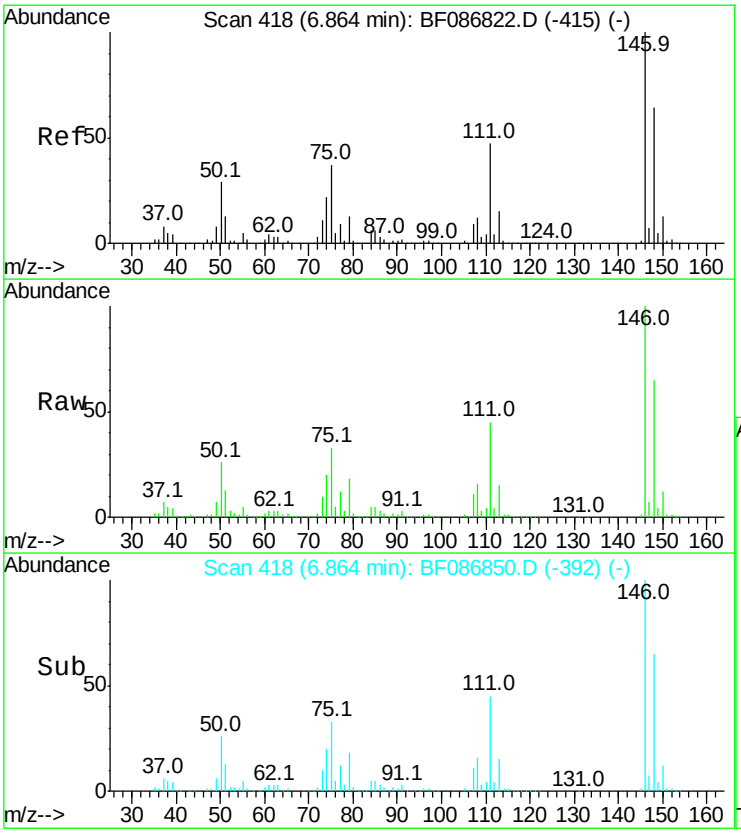
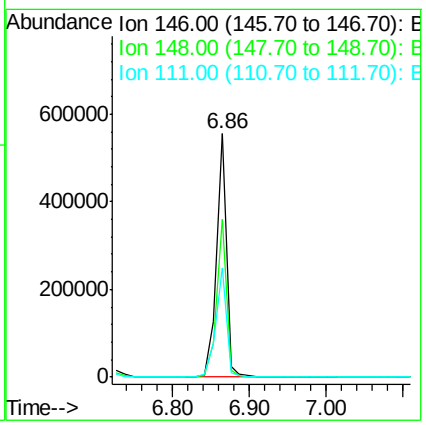
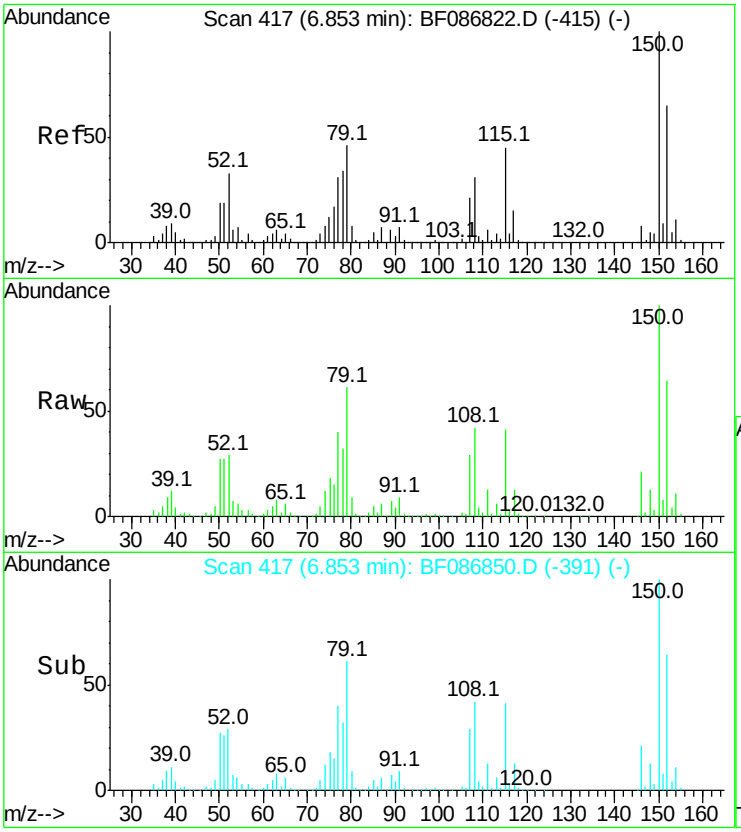


#14
1,2-Dichlorobenzene
Concen: 46.86 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:146 Resp: 494670

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.0	76.6
111	45.0	36.2	54.4

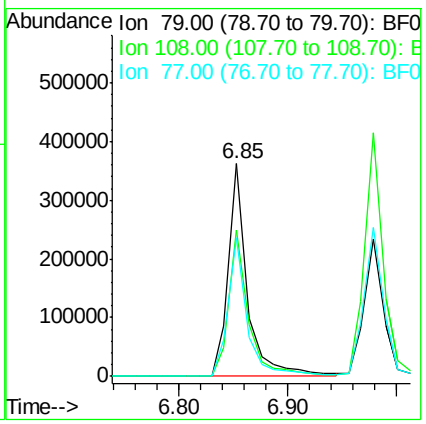




#15
Benzyl Alcohol
Concen: 52.68 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion: 79 Resp: 442185

Ion	Ratio	Lower	Upper
79	100		
108	68.9	68.4	102.6
77	65.3	50.6	76.0



Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

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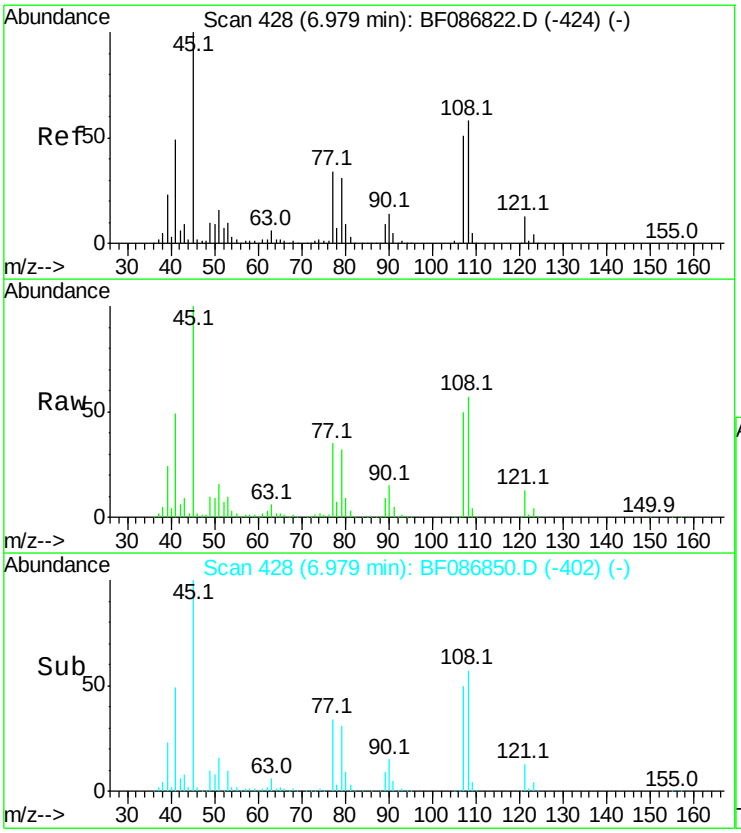
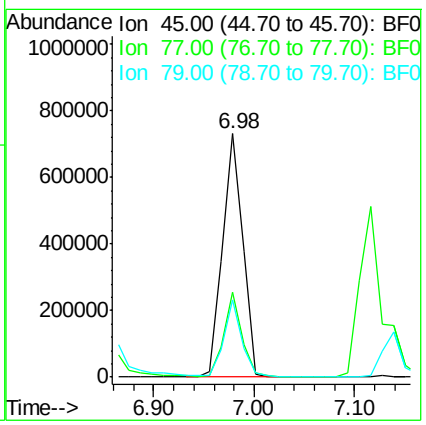
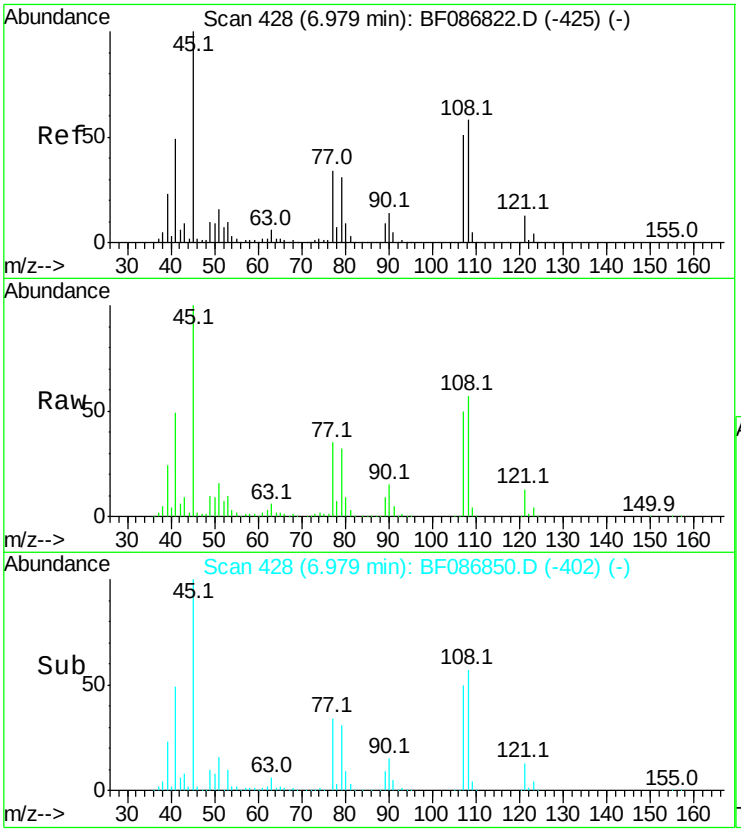


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.75 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion: 45 Resp: 1022671

Ion	Ratio	Lower	Upper
45	100		
77	34.8	0.0	36.4
79	31.8	0.0	33.4

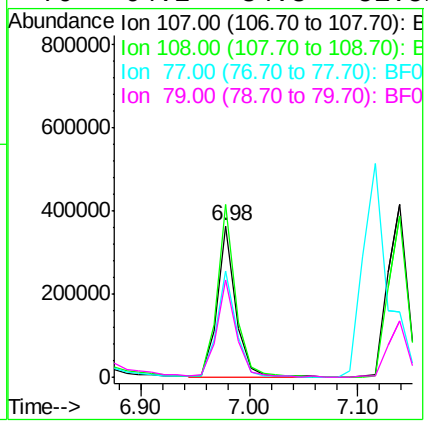




#17
2-Methylphenol
Concen: 49.28 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:107 Resp: 430434

Ion	Ratio	Lower	Upper
107	100		
108	114.2	93.7	140.5
77	70.1	33.4	50.0#
79	64.2	34.3	51.5#



Instrument :
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ClientSampleId :
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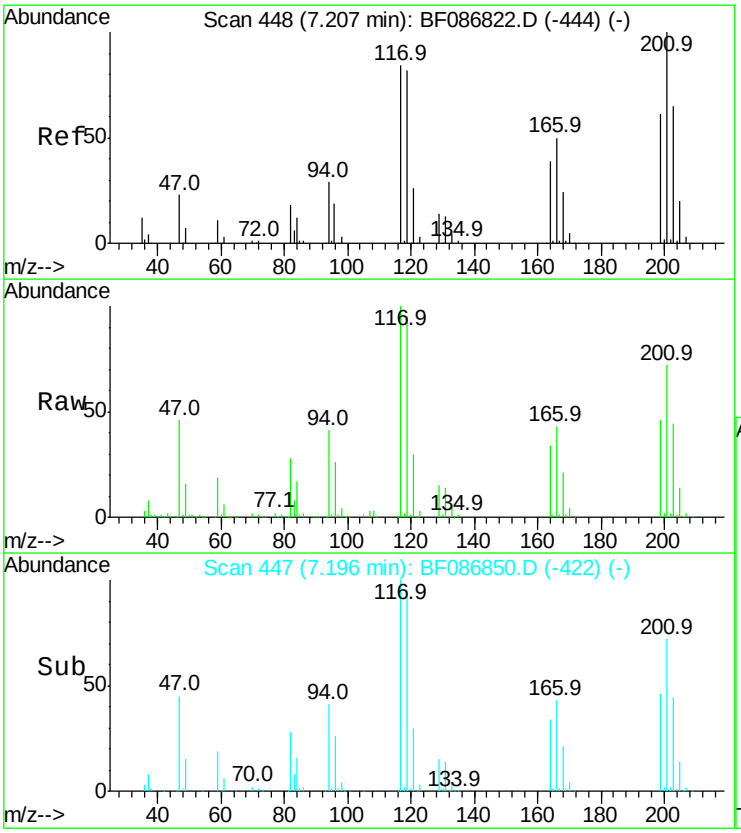
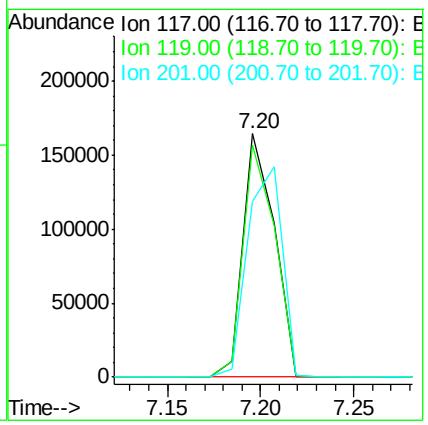
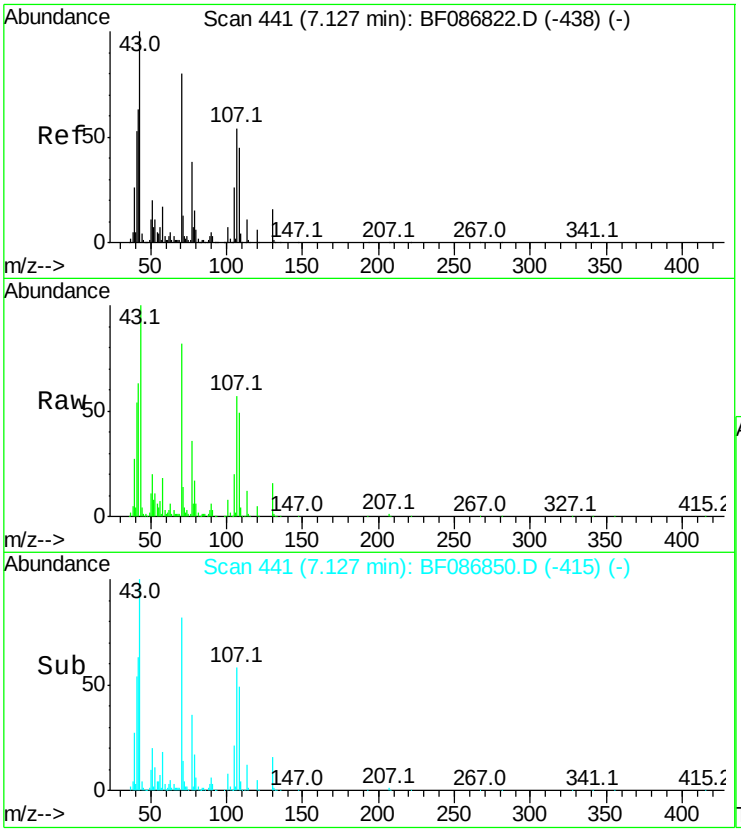


#18
Hexachloroethane
Concen: 42.21 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:117 Resp: 192383

Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.5	114.7
201	72.3	63.0	94.6

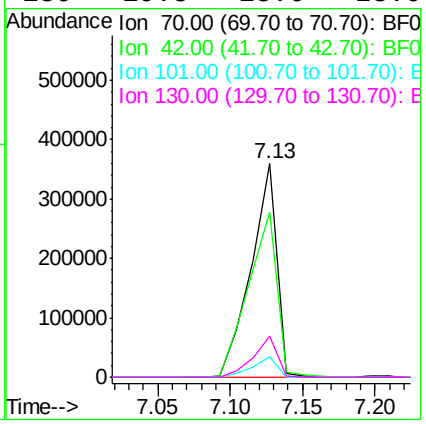




#19
n-Nitroso-di-n-propylamine
Concen: 52.17 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion: 70 Resp: 443252

Ion	Ratio	Lower	Upper
70	100		
42	77.4	43.1	64.7#
101	9.3	8.1	12.1
130	19.3	18.6	28.0



Instrument :
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ClientSampleId :
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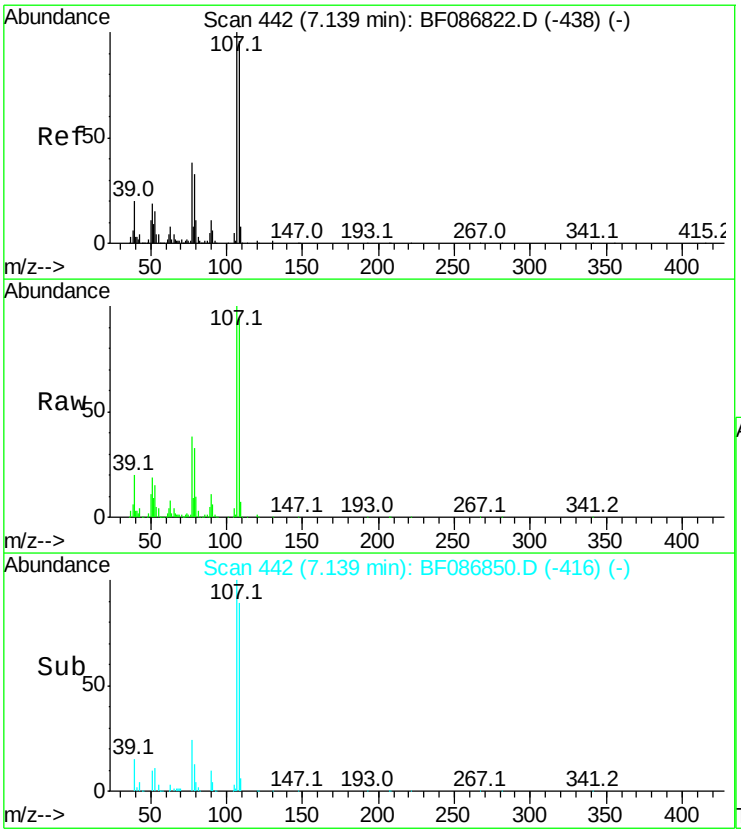
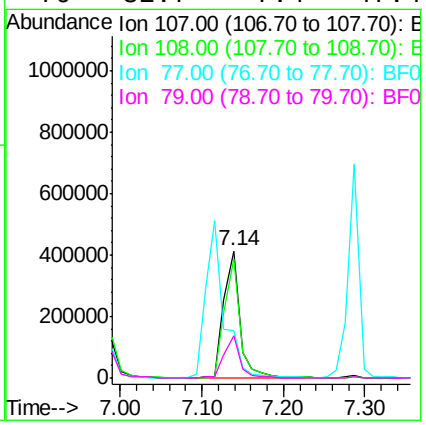
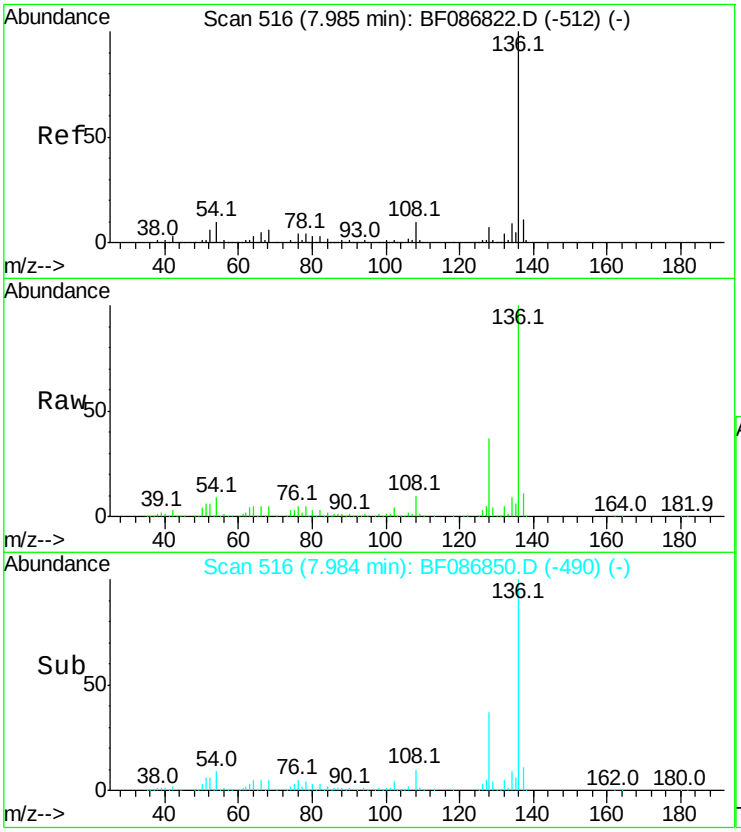


#20
3+4-Methylphenols
Concen: 49.65 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:107 Resp: 566312

Ion	Ratio	Lower	Upper
107	100		
108	93.8	68.5	108.5
77	37.5	101.6	141.6#
79	32.7	7.4	47.4

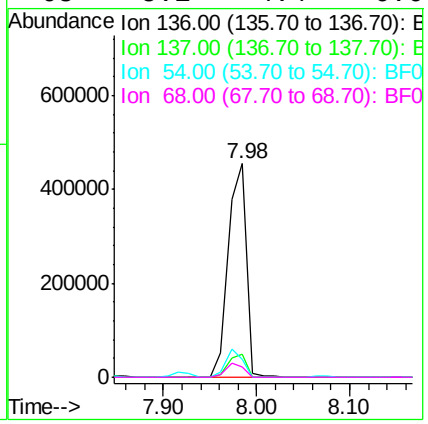




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:136 Resp: 617659

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.6	5.0	7.4#
68	5.1	4.4	6.6



Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

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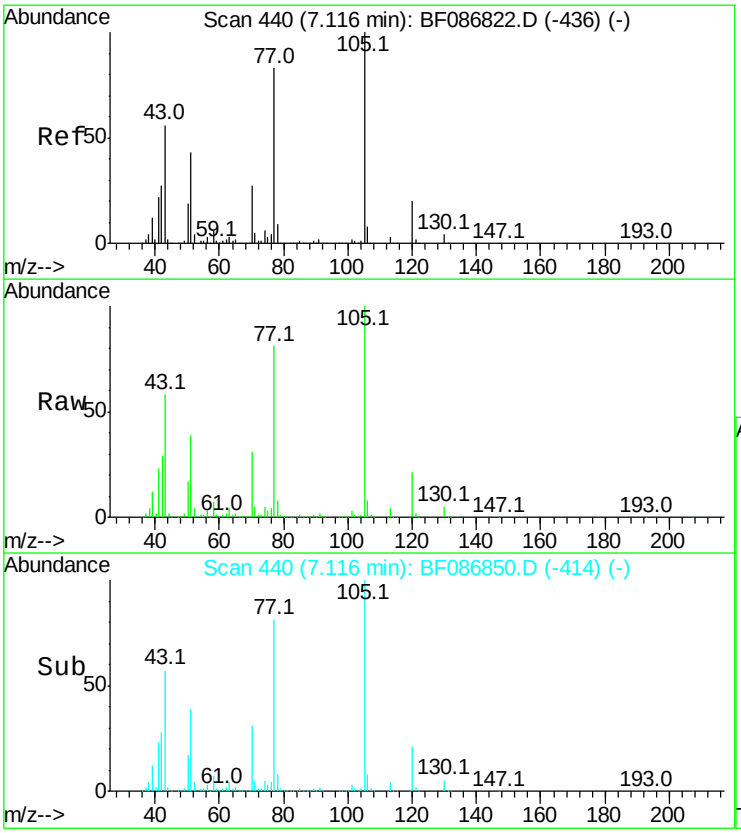
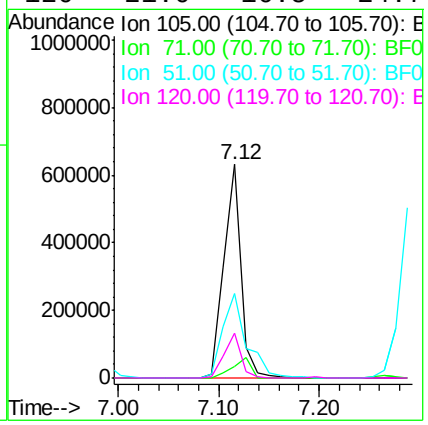
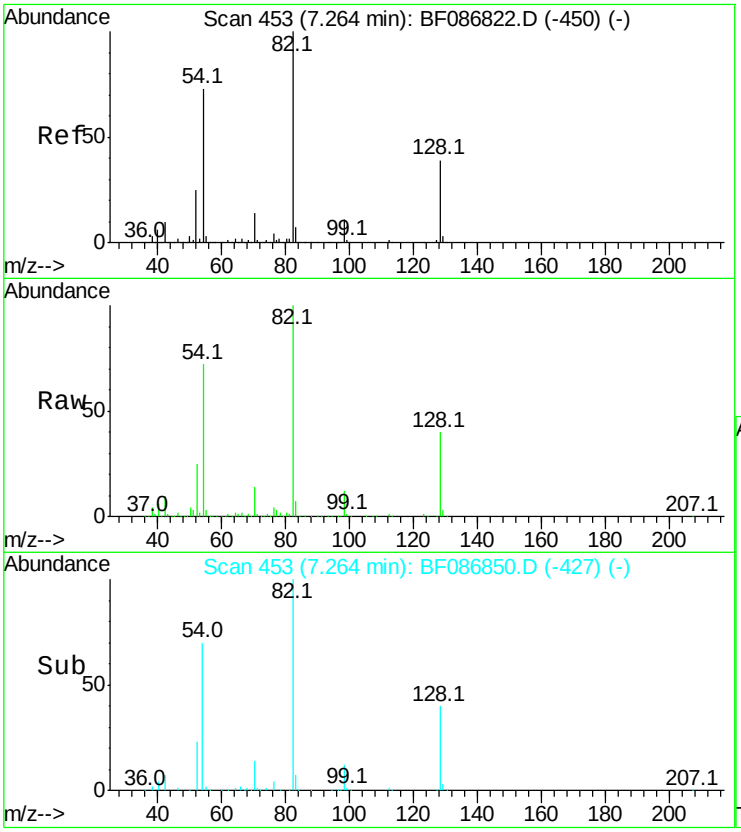


#22
Acetophenone
Concen: 51.28 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:105 Resp: 748082

Ion	Ratio	Lower	Upper
105	100		
71	5.2	4.8	7.2
51	39.4	32.6	49.0
120	21.0	16.5	24.7





#23
Nitrobenzene-d5
Concen: 93.88 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion: 82 Resp: 1154746

Ion	Ratio	Lower	Upper
82	100		
128	39.6	40.6	61.0#
54	71.5	38.1	57.1#

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

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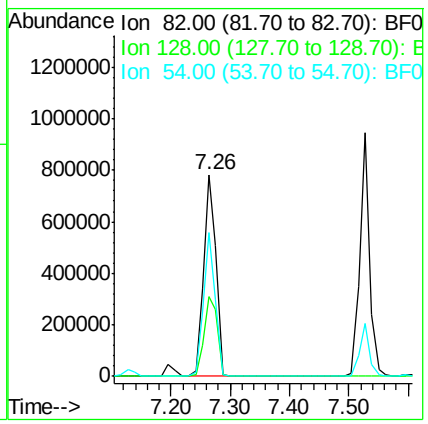
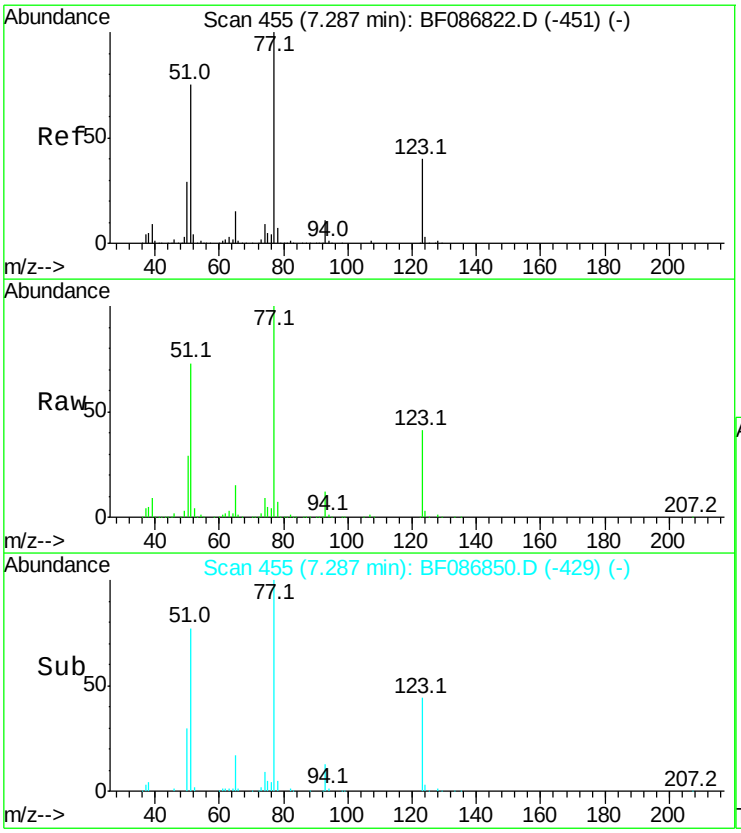
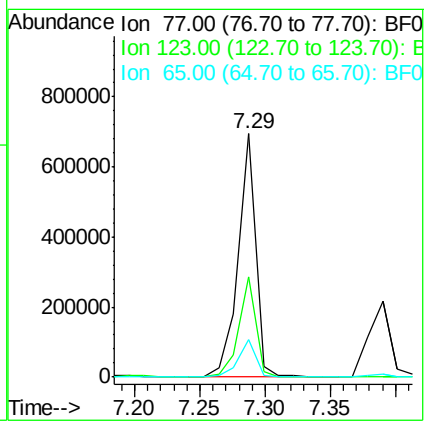


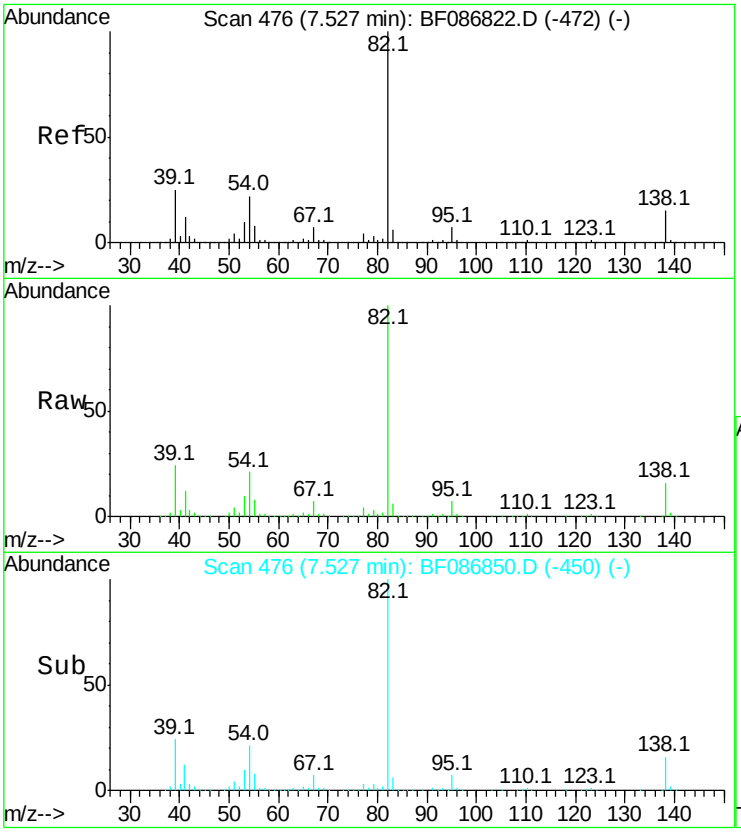


#24
Nitrobenzene
Concen: 50.65 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion: 77 Resp: 640964

Ion	Ratio	Lower	Upper
77	100		
123	41.3	33.0	49.4
65	15.2	10.8	16.2

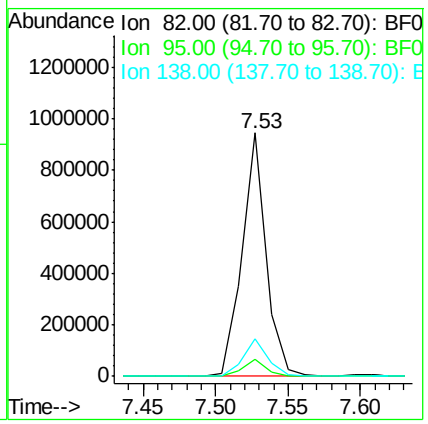




#25
Isophorone
Concen: 47.63 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion: 82 Resp: 1087159

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.1	7.7
138	15.6	12.4	18.6



Instrument :
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ClientSampleId :
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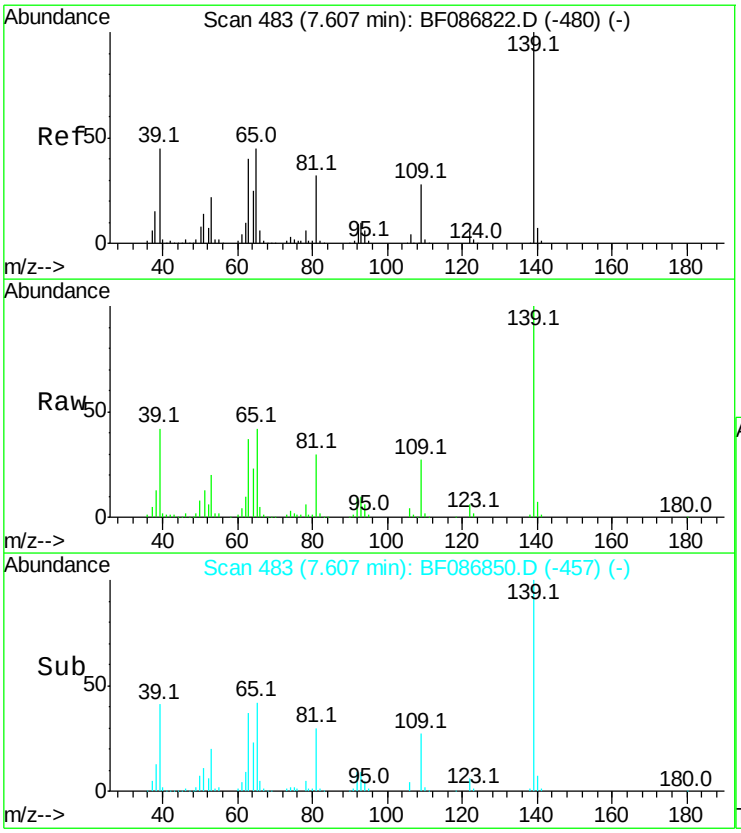
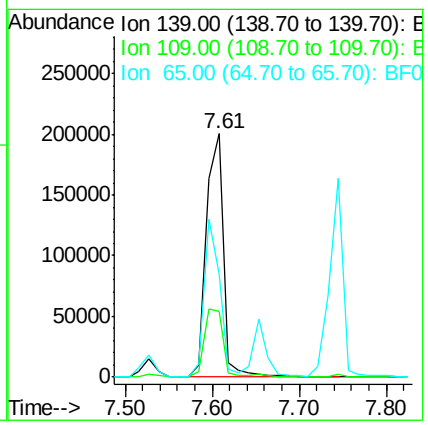
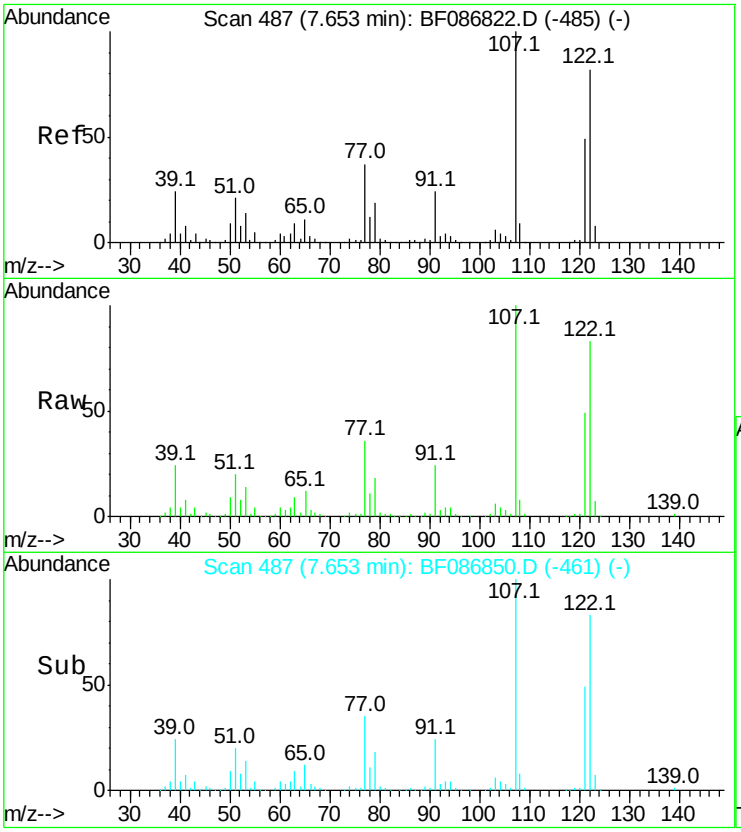


#26
2-Nitrophenol
Concen: 49.58 ng
RT: 7.61 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:139 Resp: 275783

Ion	Ratio	Lower	Upper
139	100		
109	26.9	19.5	29.3
65	42.5	37.5	56.3





#27
2,4-Dimethylphenol
Concen: 43.58 ng
RT: 7.65 min Scan# 487
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:122 Resp: 412950

Ion	Ratio	Lower	Upper
122	100		
107	120.9	82.0	123.0
121	59.1	46.1	69.1

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

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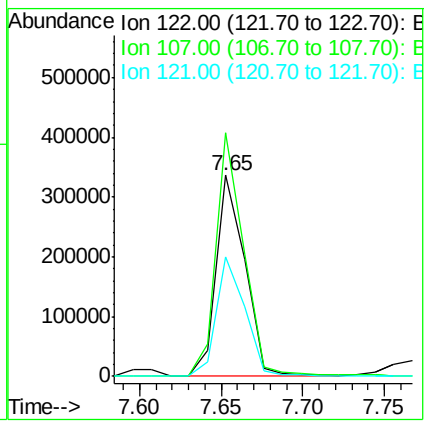
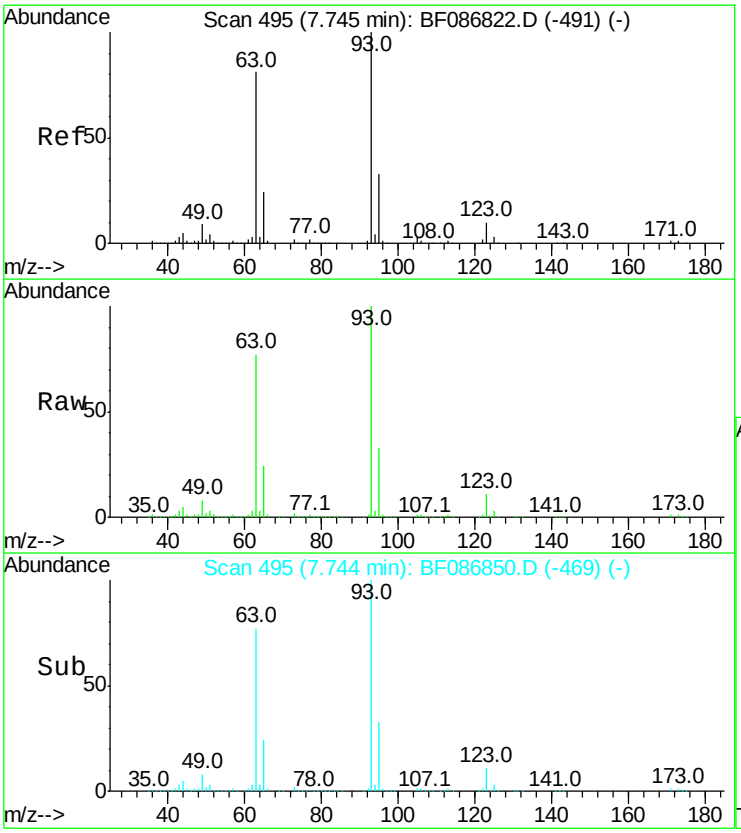
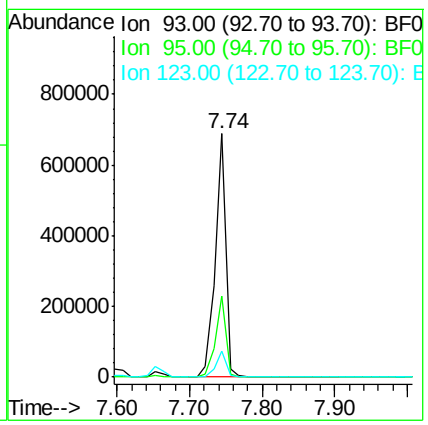


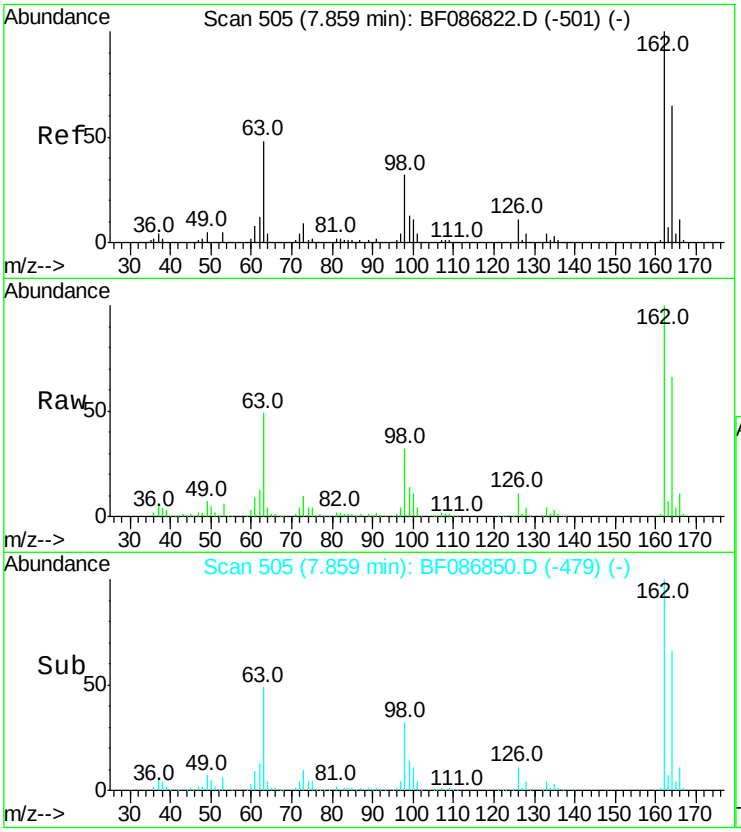


#28
bis(2-Chloroethoxy)methane
Concen: 56.46 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion: 93 Resp: 695108

Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.0	39.0
123	10.6	9.5	14.3

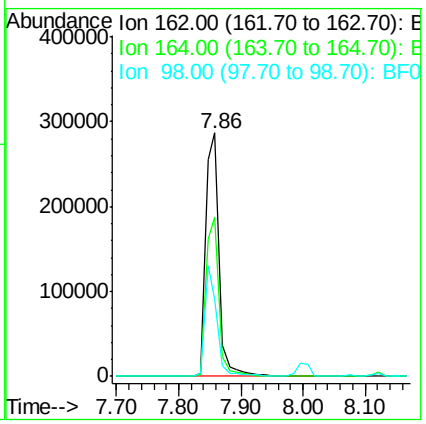




#29
2,4-Dichlorophenol
Concen: 50.84 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:162 Resp: 424014

Ion	Ratio	Lower	Upper
162	100		
164	65.6	42.2	82.2
98	31.8	19.0	59.0



Instrument :
BNA_F
ClientSampleId :
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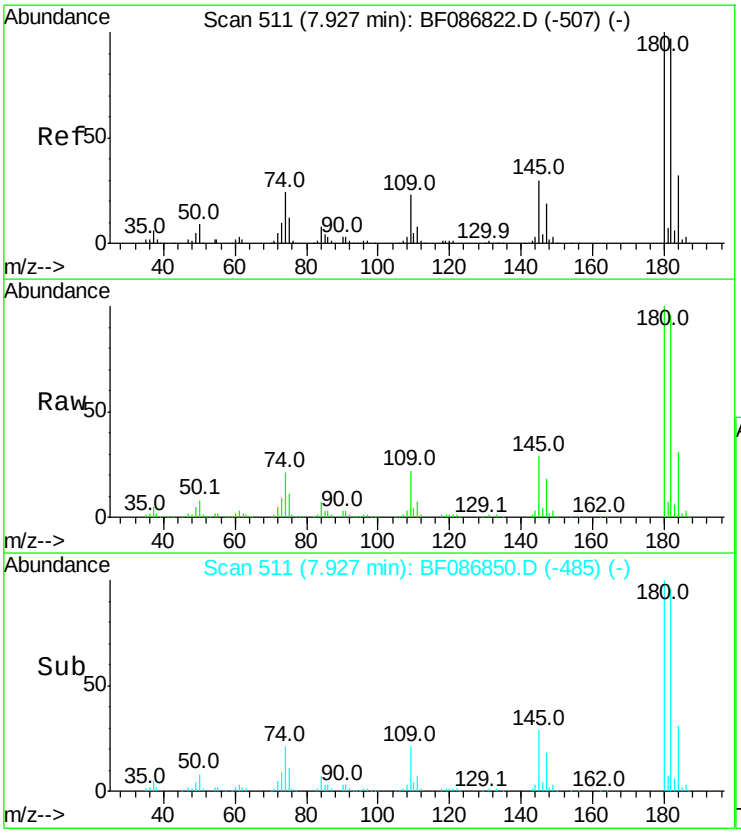
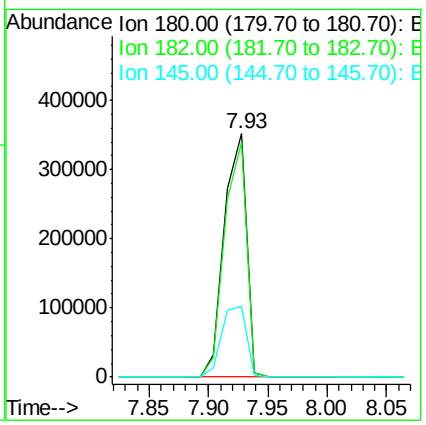
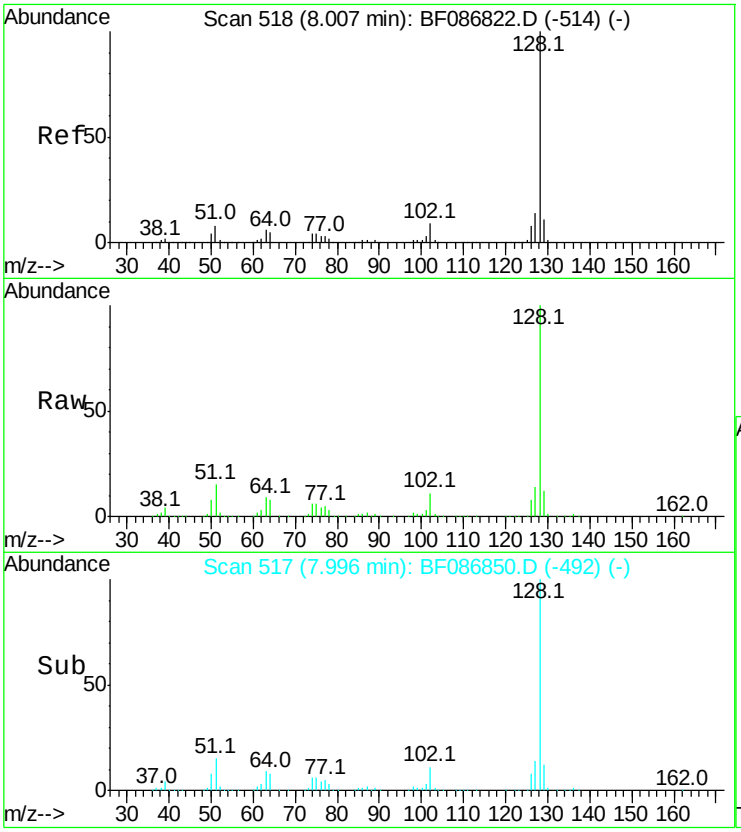


#30
1,2,4-Trichlorobenzene
Concen: 49.08 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:180 Resp: 457654

Ion	Ratio	Lower	Upper
180	100		
182	96.4	78.0	117.0
145	28.9	24.2	36.2

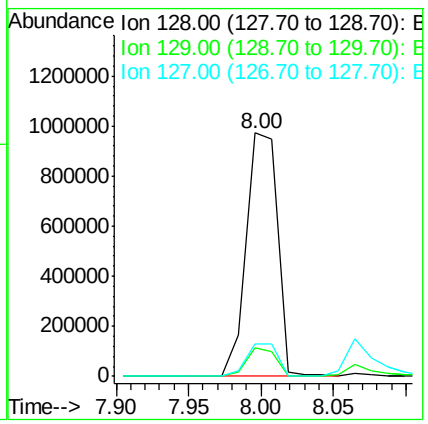




#31
Naphthalene
Concen: 47.06 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:128 Resp: 1455978

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	13.0
127	13.6	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

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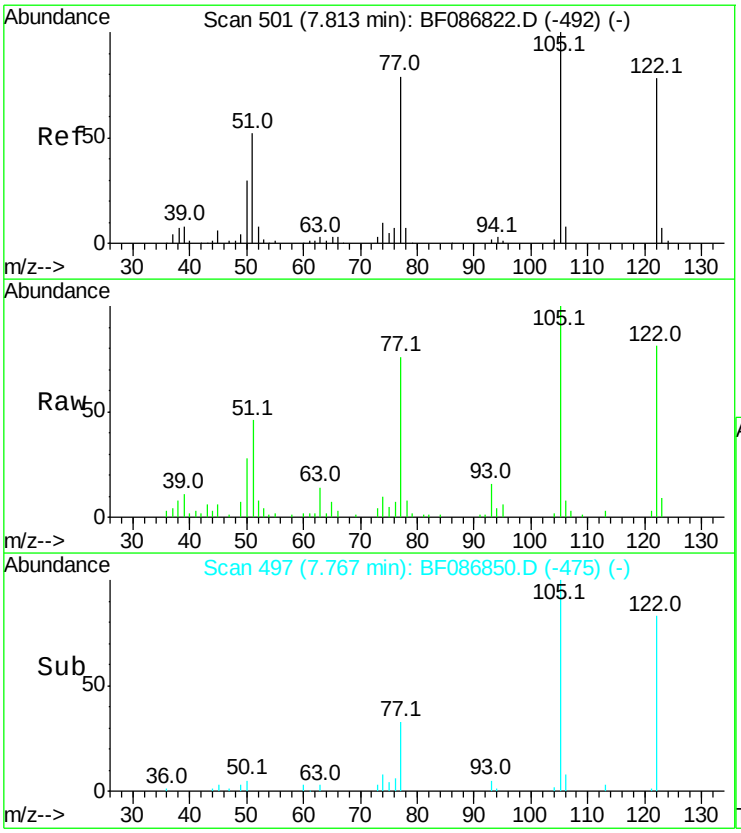
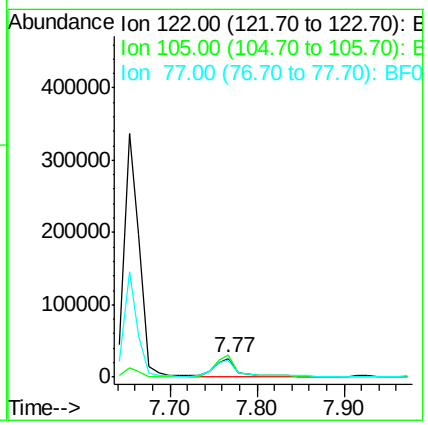
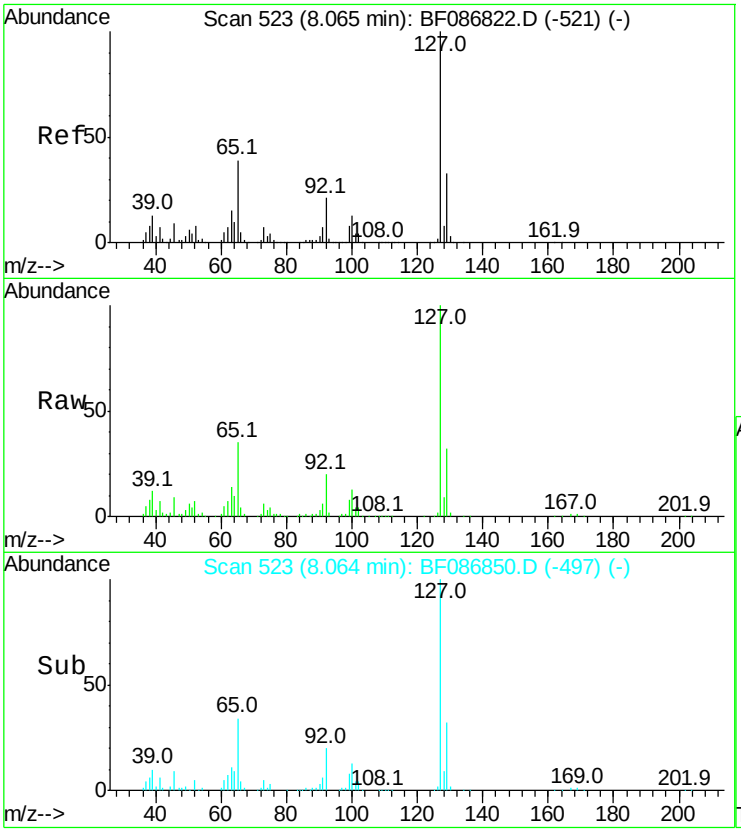


#32
Benzoic acid
Concen: 8.49 ng
RT: 7.77 min Scan# 497
Delta R.T. -0.05 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:122 Resp: 47242

Ion	Ratio	Lower	Upper
122	100		
105	123.0	92.6	132.6
77	94.0	60.0	100.0

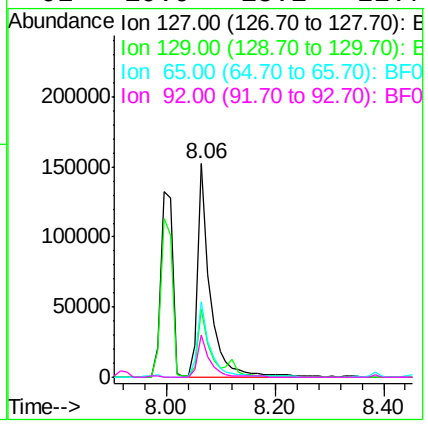




#33
4-Chloroaniline
Concen: 19.53 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:127 Resp: 234764

Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.4
65	35.3	23.0	34.4#
92	19.9	15.1	22.7



Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

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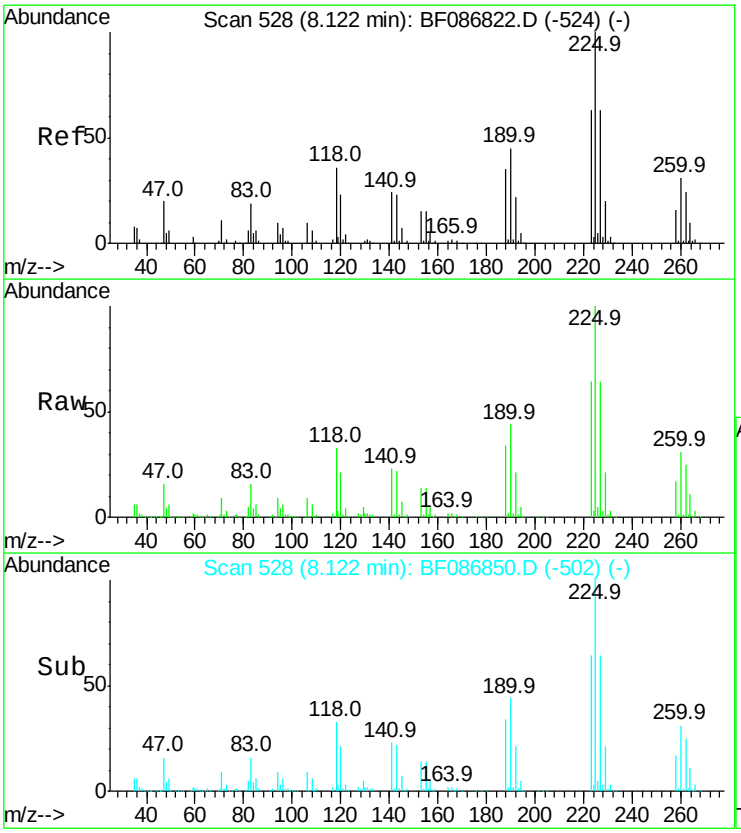
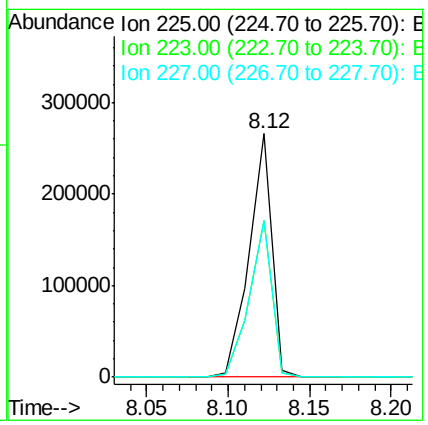
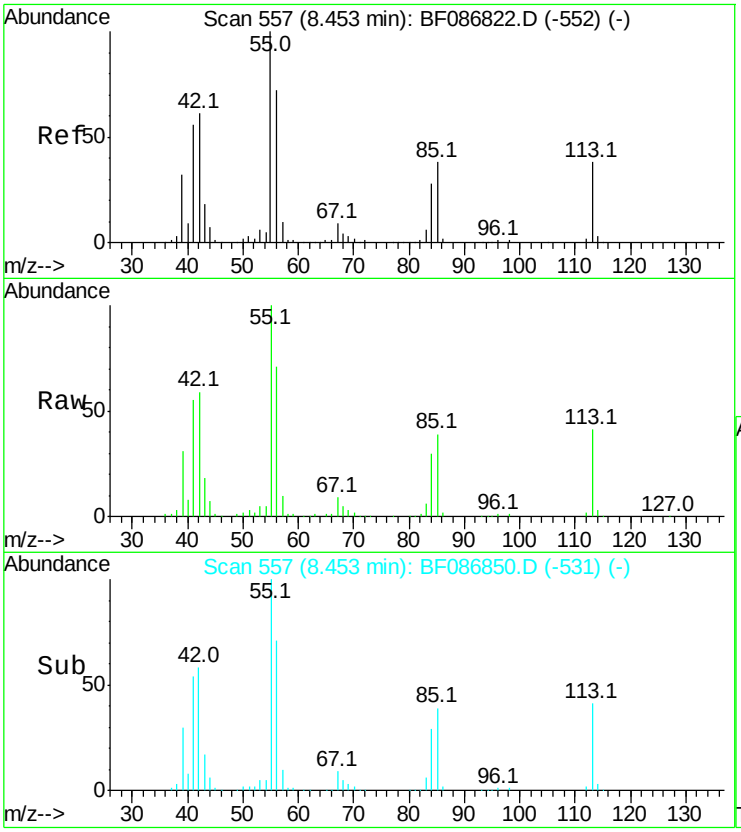


#34
Hexachlorobutadiene
Concen: 47.79 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:225 Resp: 258530

Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.5	77.3
227	64.4	52.2	78.2

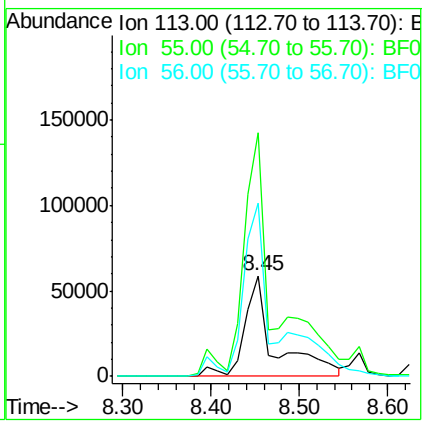




#35
Caprolactam
Concen: 49.00 ng m
RT: 8.45 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:113 Resp: 139022

Ion	Ratio	Lower	Upper
113	100		
55	242.9	162.0	202.0#
56	172.4	115.3	155.3#



Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

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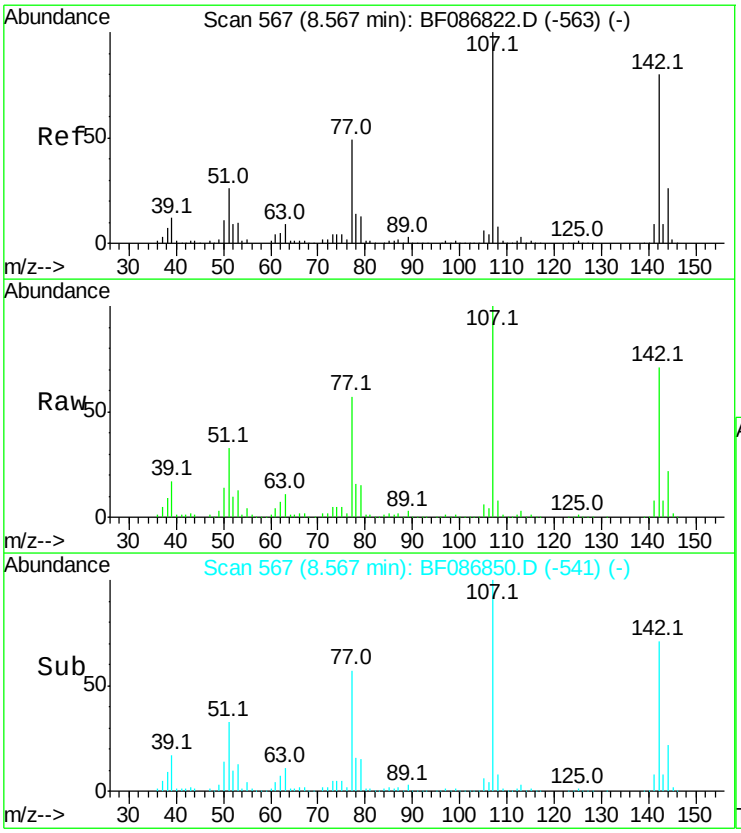
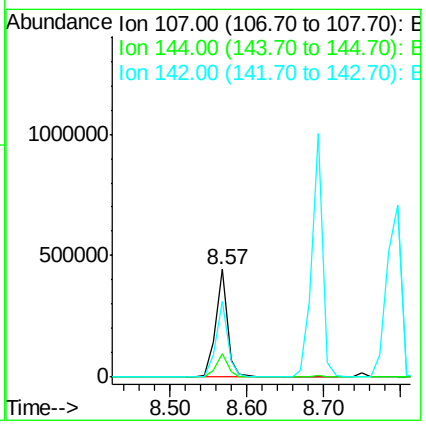
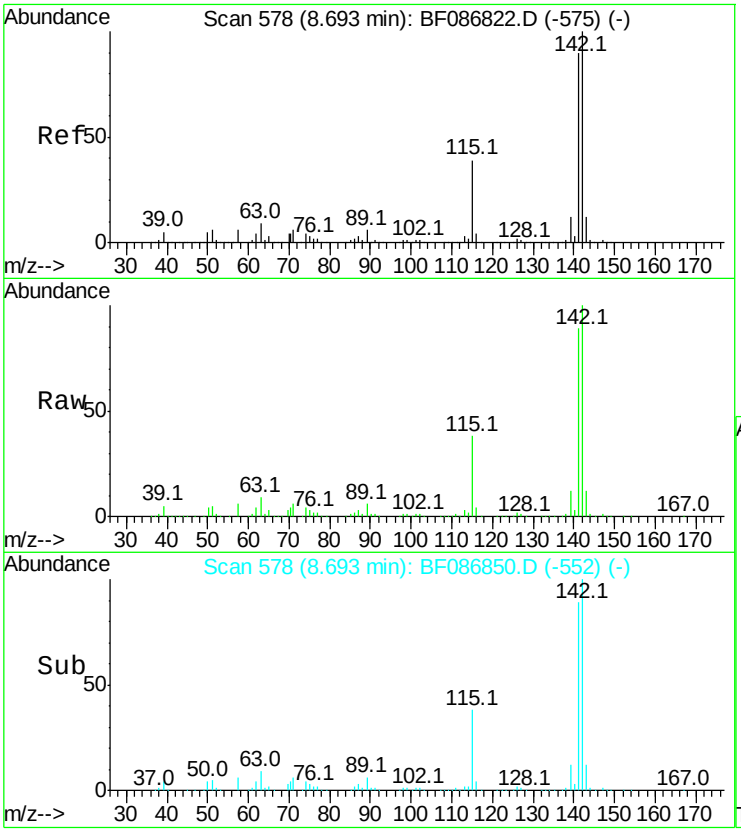


#36
4-Chloro-3-methylphenol
Concen: 47.31 ng
RT: 8.57 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:107 Resp: 478508

Ion	Ratio	Lower	Upper
107	100		
144	22.4	20.7	31.1
142	70.6	63.2	94.8

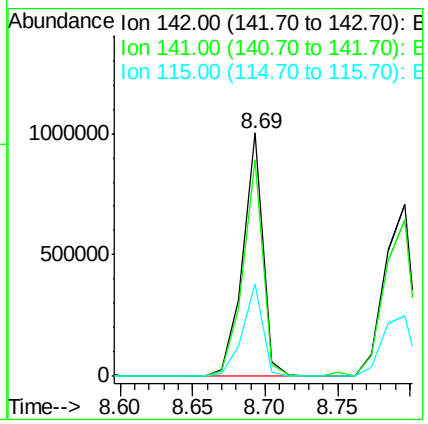




#37
2-Methylnaphthalene
Concen: 53.23 ng
RT: 8.69 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:142 Resp: 962676

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.0	106.6
115	37.8	26.6	39.8



Instrument :
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ClientSampleId :
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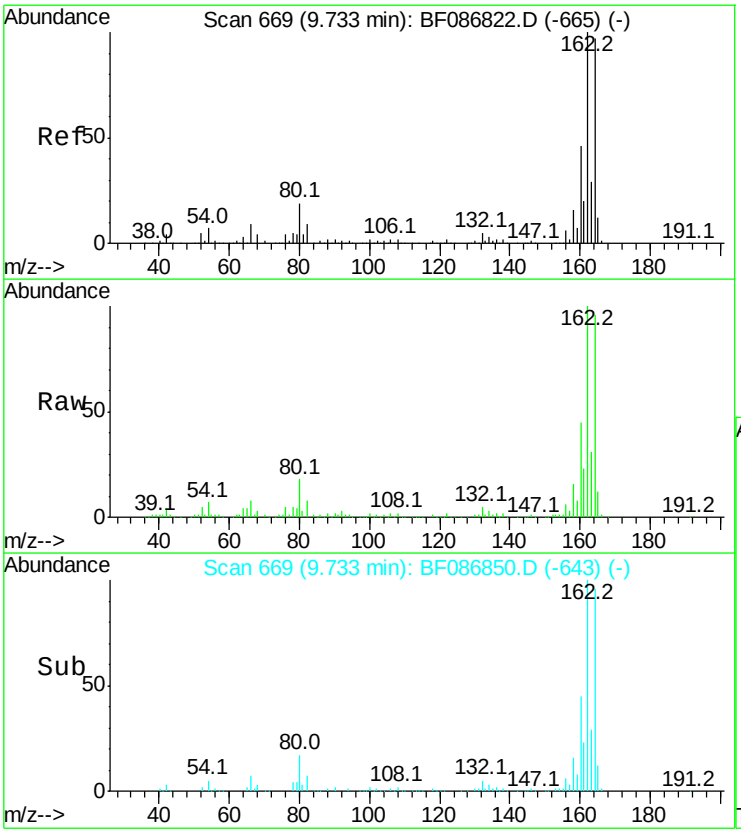
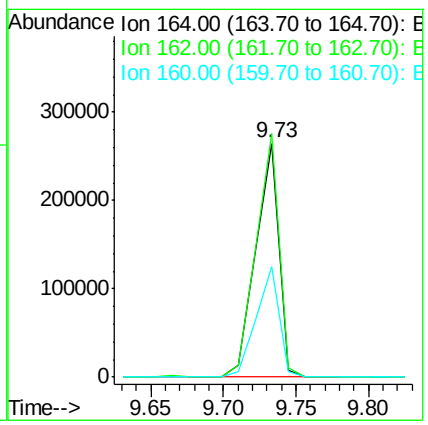
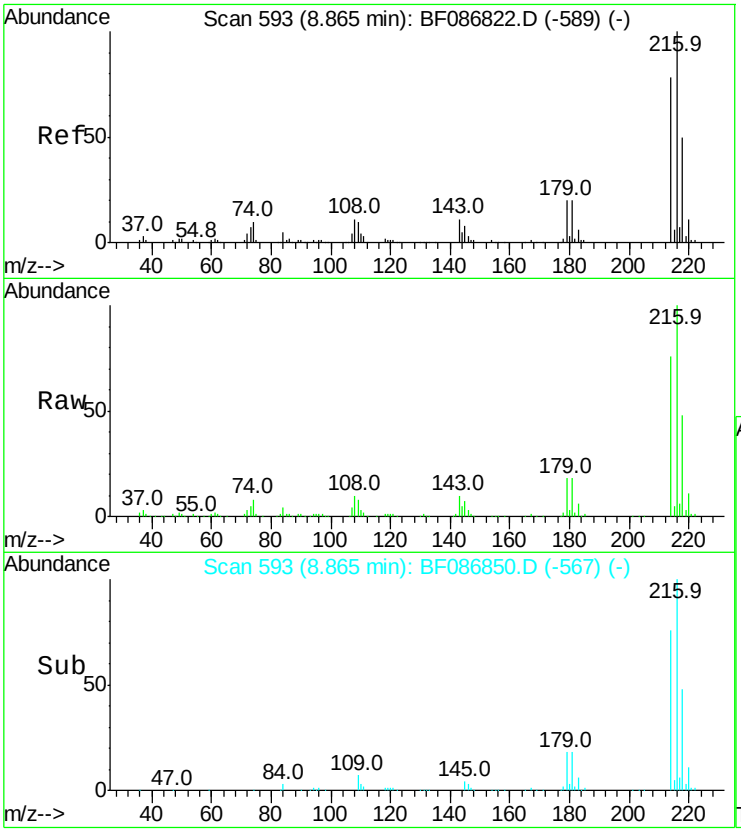


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:164 Resp: 292584

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.8	124.2
160	47.4	36.9	55.3

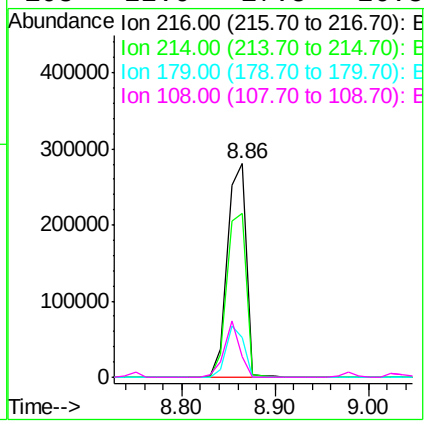




#39
1,2,4,5-Tetrachlorobenzene
Concen: 46.78 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:216 Resp: 397951

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.6	93.8
179	22.5	18.2	27.4
108	22.0	17.5	26.3



Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

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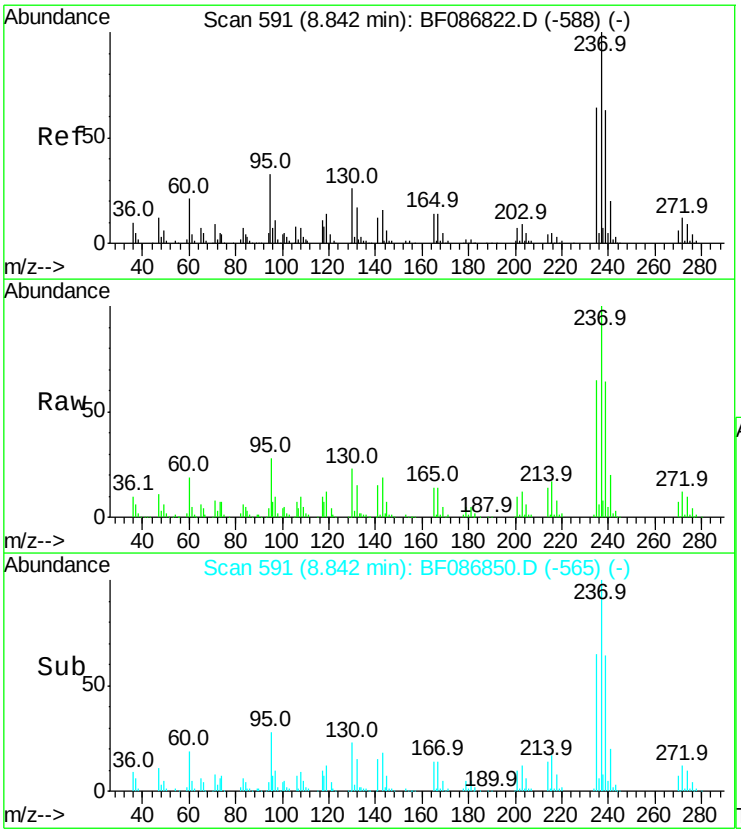
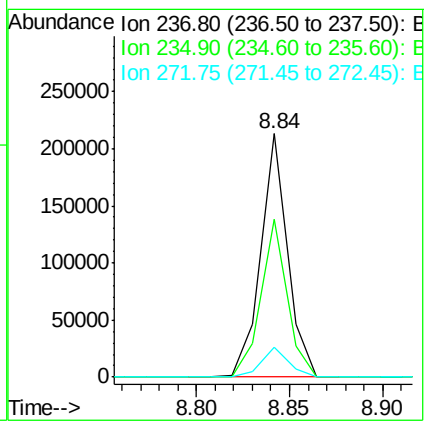
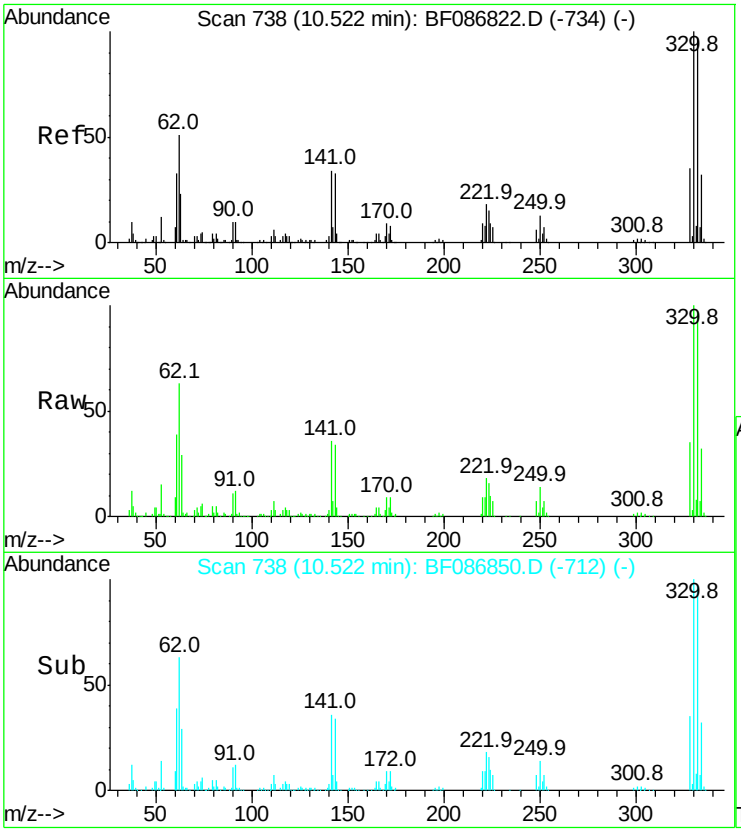


#40
Hexachlorocyclopentadiene
Concen: 52.26 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:237 Resp: 210994

Ion	Ratio	Lower	Upper
237	100		
235	64.8	47.2	87.2
272	12.2	0.0	31.1

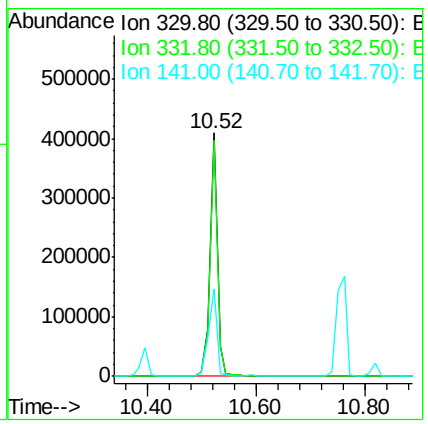




#41
2,4,6-Tribromophenol
Concen: 124.89 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:330 Resp: 386854

Ion	Ratio	Lower	Upper
330	100		
332	96.9	79.0	118.4
141	39.8	31.2	46.8



Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

Manual Integrations APPROVED
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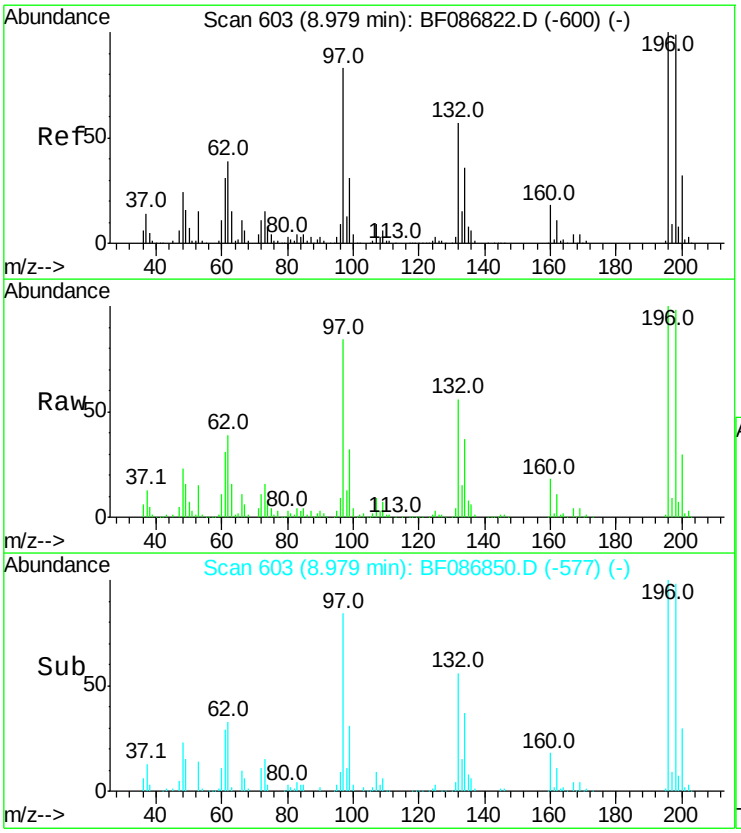
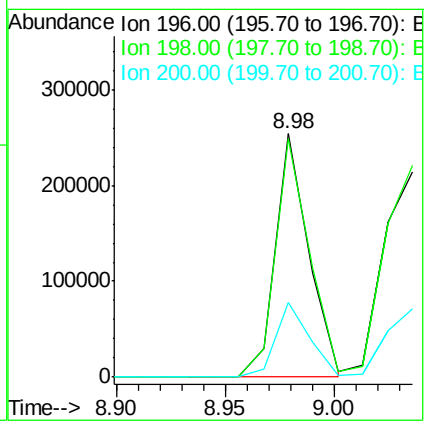
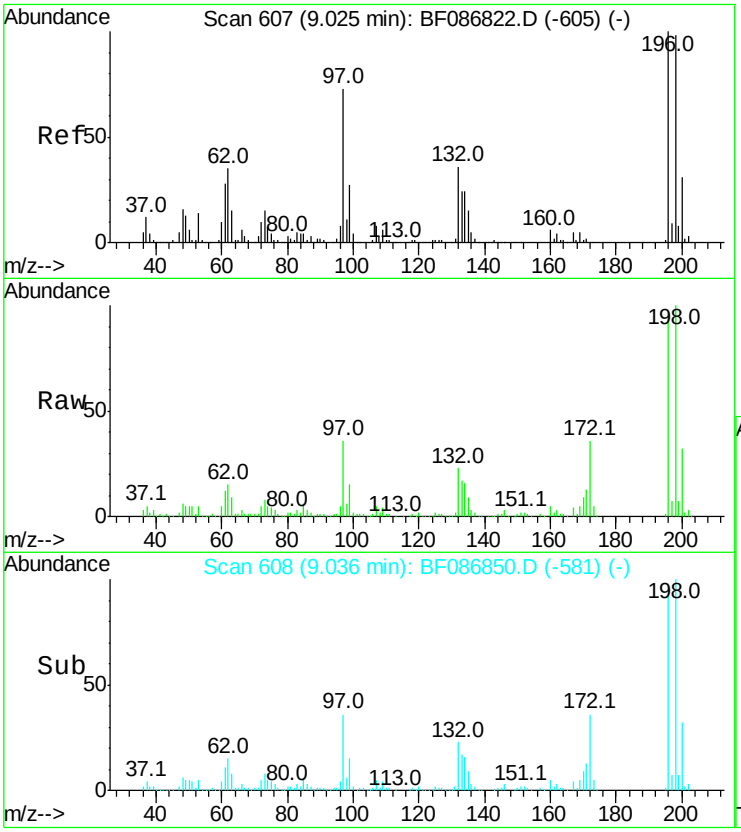


#42
2,4,6-Trichlorophenol
Concen: 48.21 ng
RT: 8.98 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:196 Resp: 274215

Ion	Ratio	Lower	Upper
196	100		
198	98.0	74.7	112.1
200	30.4	23.8	35.6

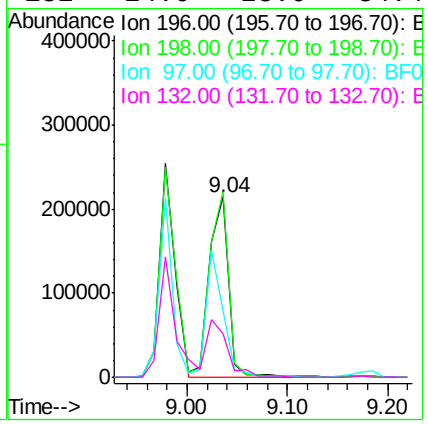




#43
2,4,5-Trichlorophenol
Concen: 48.24 ng
RT: 9.04 min Scan# 608
Delta R.T. 0.01 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:196 Resp: 283797

Ion	Ratio	Lower	Upper
196	100		
198	103.0	77.5	116.3
97	37.1	34.8	52.2
132	24.0	23.0	34.4



Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

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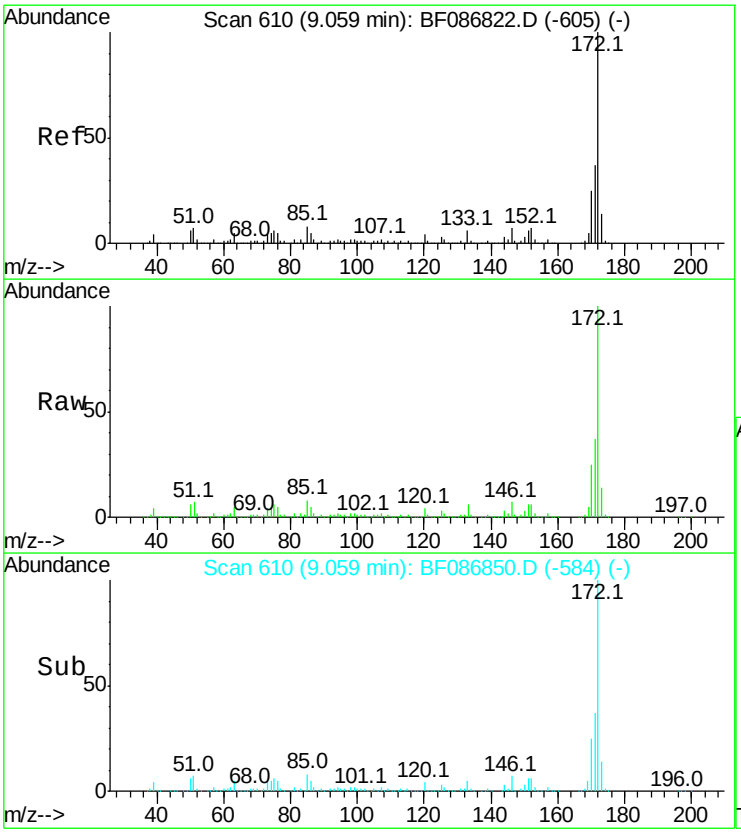
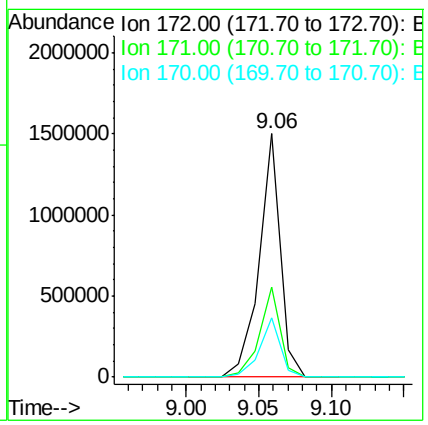
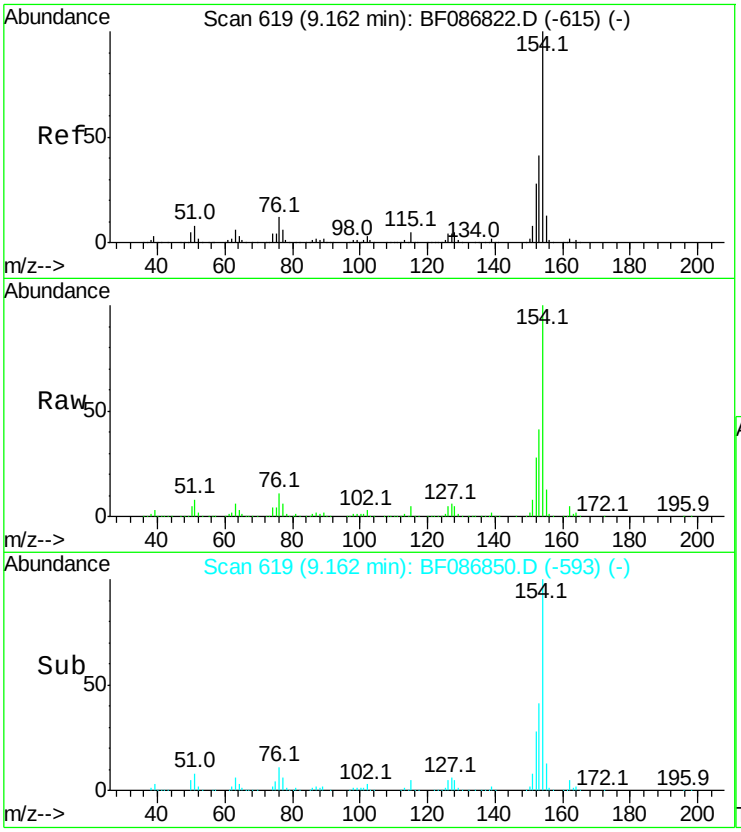


#44
2-Fluorobiphenyl
Concen: 87.10 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:172 Resp: 1516245

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	24.5	19.8	29.8

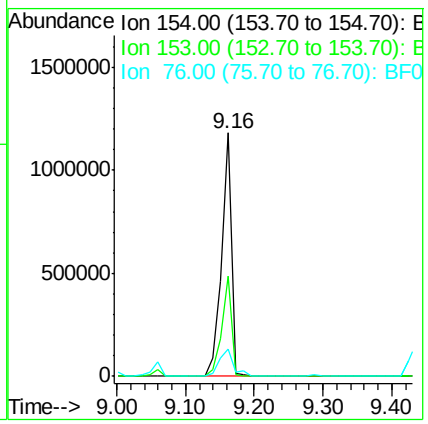




#45
1,1'-Biphenyl
Concen: 52.03 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:154 Resp: 1210800

Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.3	60.3
76	11.4	0.0	30.2



Instrument :
BNA_F
ClientSampleId :
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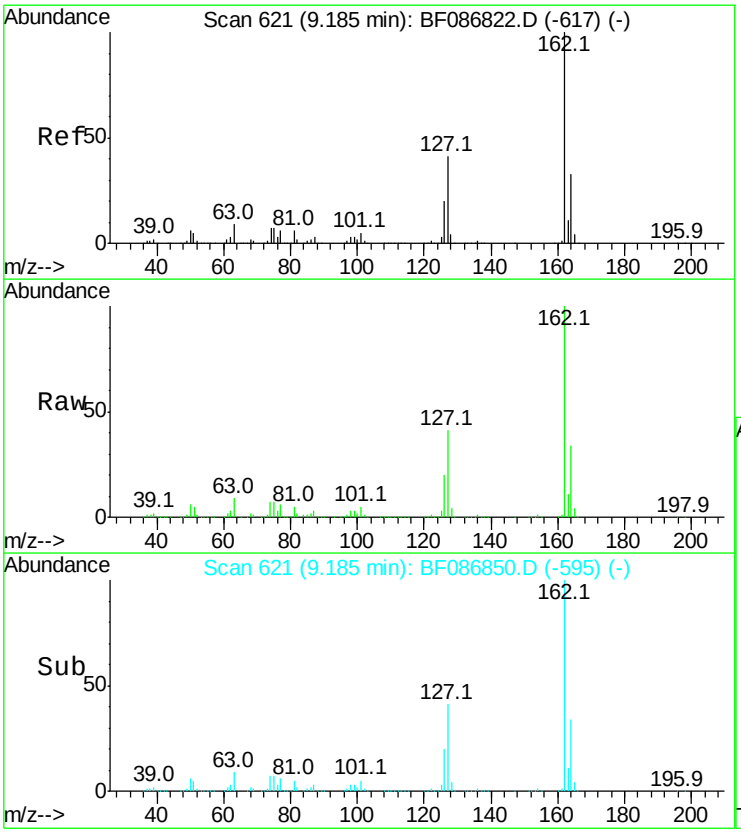
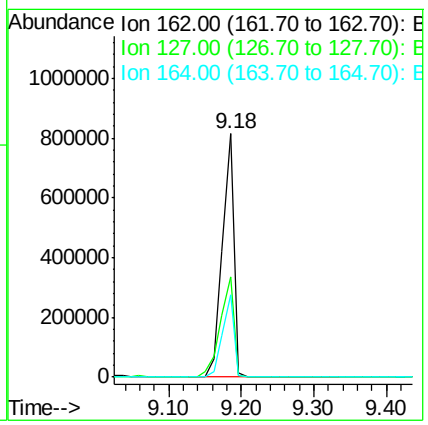
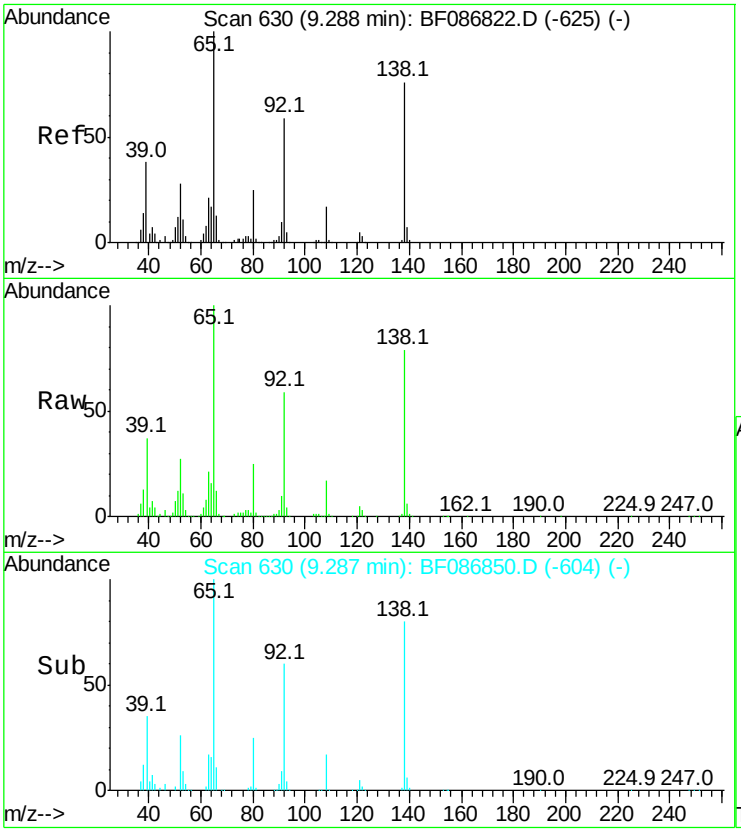


#46
2-Chloronaphthalene
Concen: 49.88 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:162 Resp: 909420

Ion	Ratio	Lower	Upper
162	100		
127	41.0	31.8	47.6
164	33.7	27.0	40.6

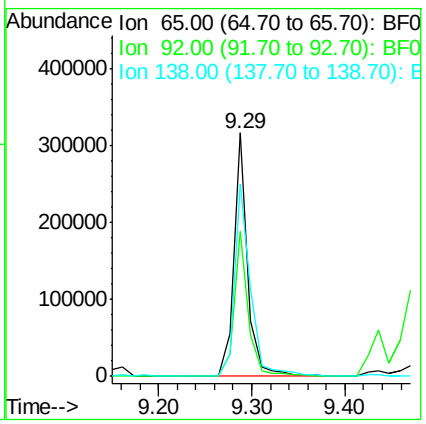




#47
2-Nitroaniline
Concen: 49.16 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion: 65 Resp: 327597

Ion	Ratio	Lower	Upper
65	100		
92	59.4	57.4	86.2
138	79.1	90.1	135.1#



Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

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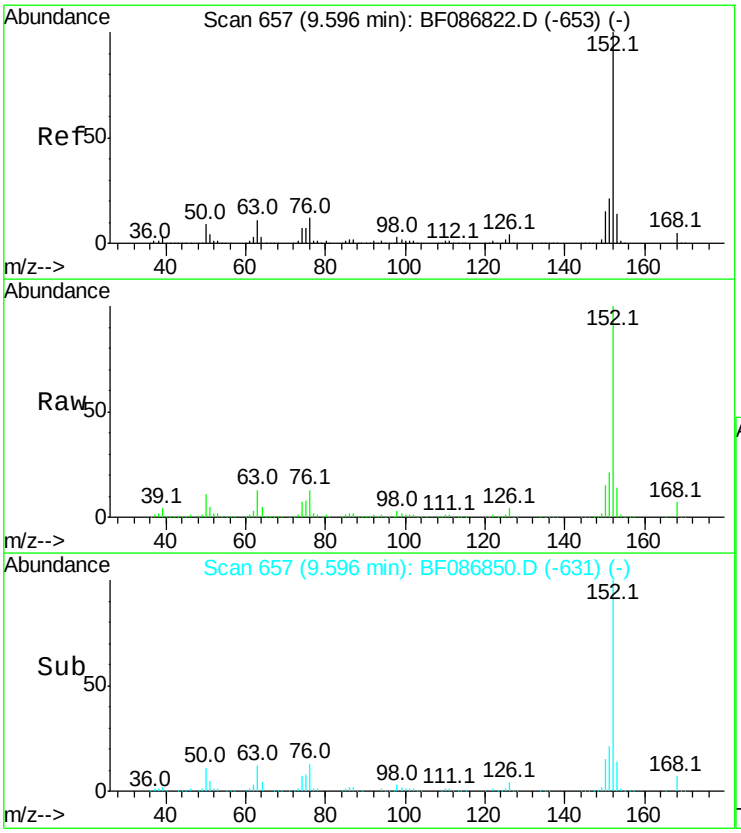
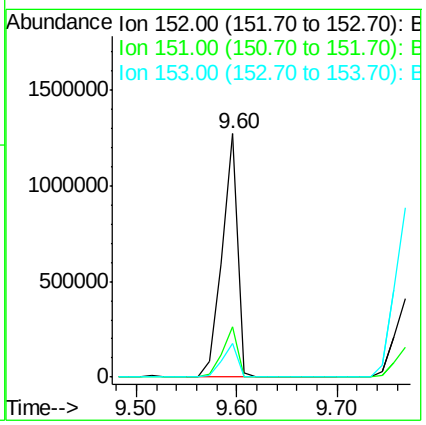
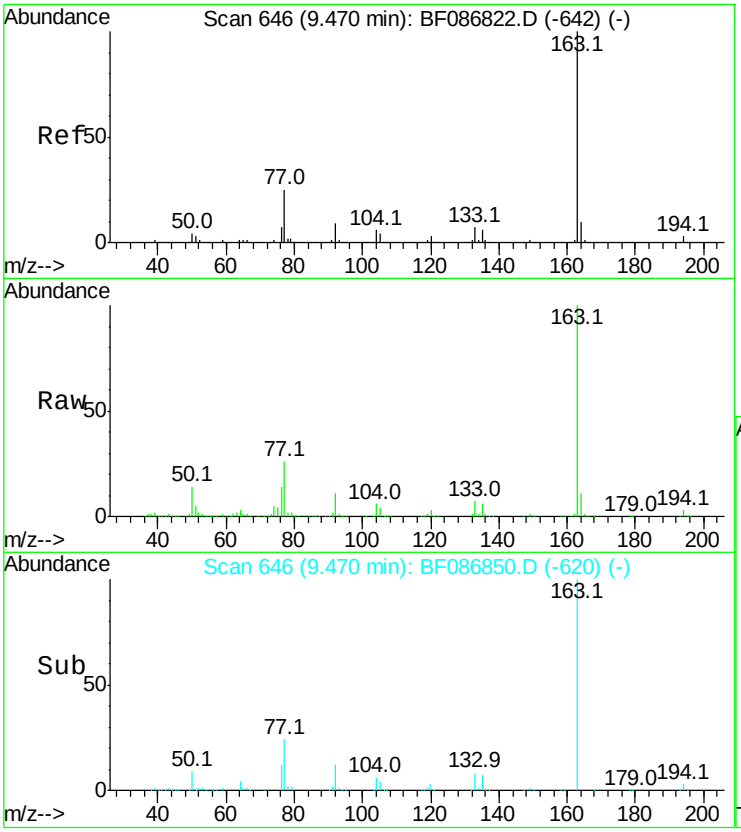


#48
Acenaphthylene
Concen: 50.76 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:152 Resp: 1361185

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	14.0	10.9	16.3

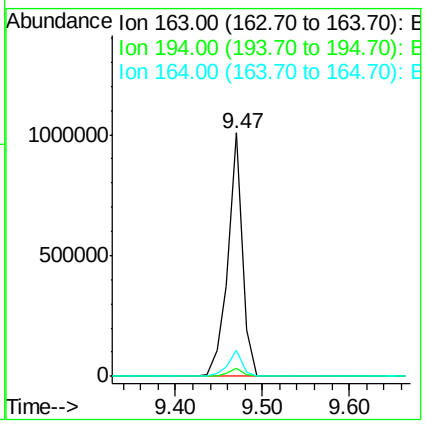




#49
Dimethylphthalate
Concen: 52.07 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:163 Resp: 1162310

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.5	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
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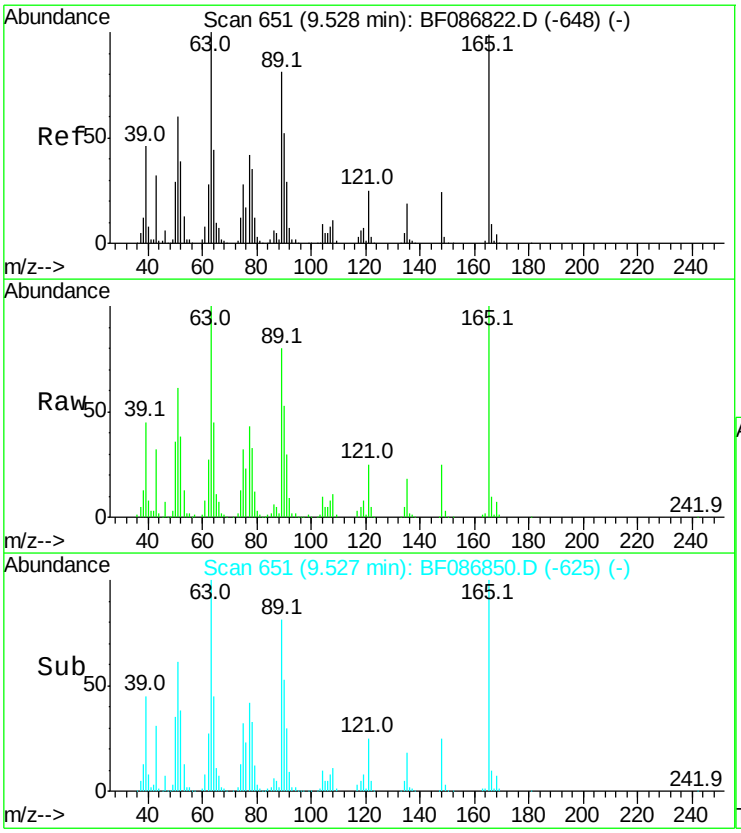
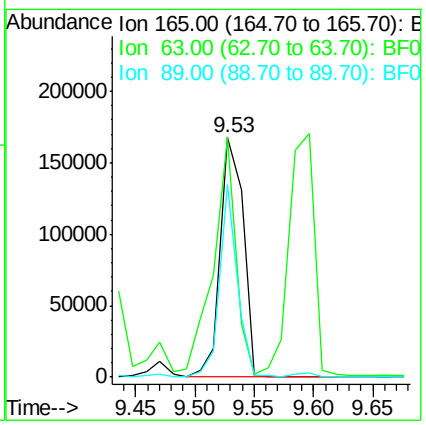
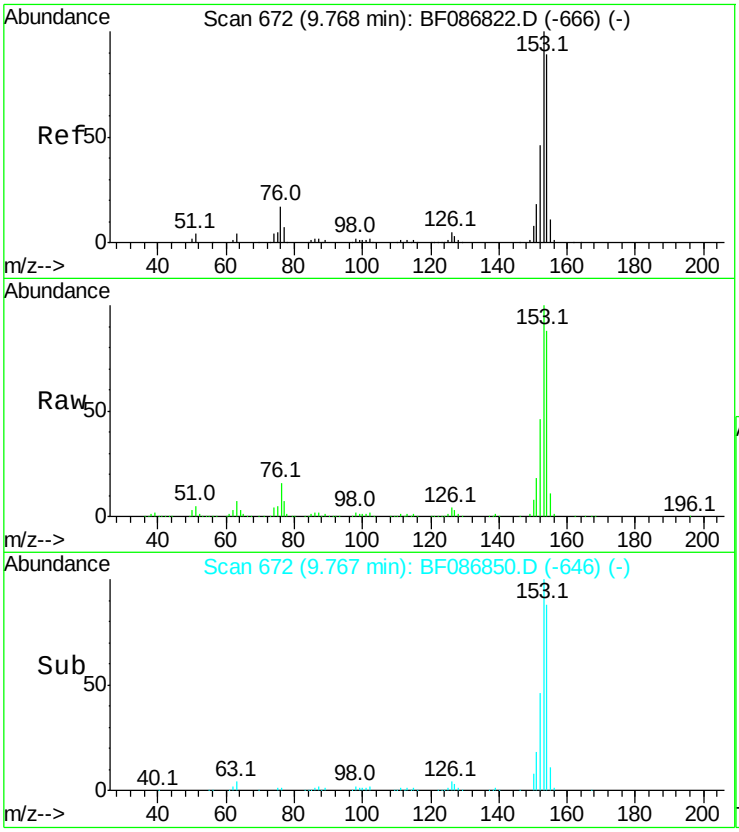


#50
2,6-Dinitrotoluene
Concen: 47.72 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:165 Resp: 224166

Ion	Ratio	Lower	Upper
165	100		
63	100.2	51.8	77.8#
89	80.6	50.7	76.1#

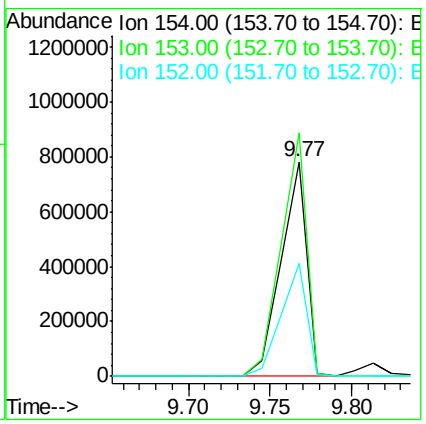




#51
Acenaphthene
Concen: 51.44 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:154 Resp: 858167

Ion	Ratio	Lower	Upper
154	100		
153	113.5	89.8	134.6
152	52.6	43.4	65.0



Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

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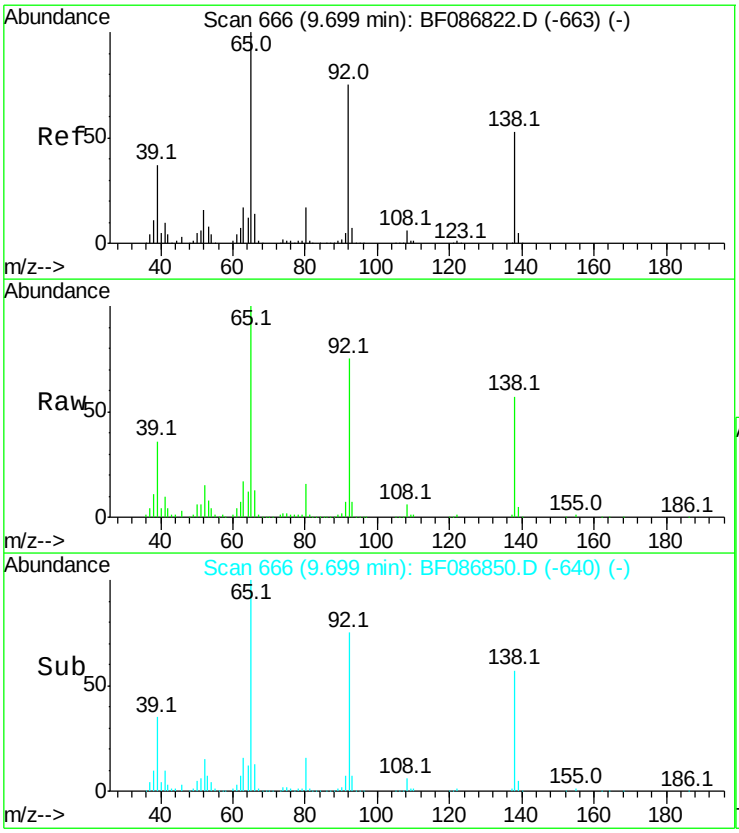
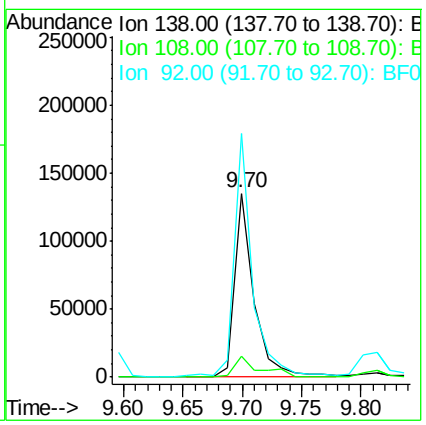
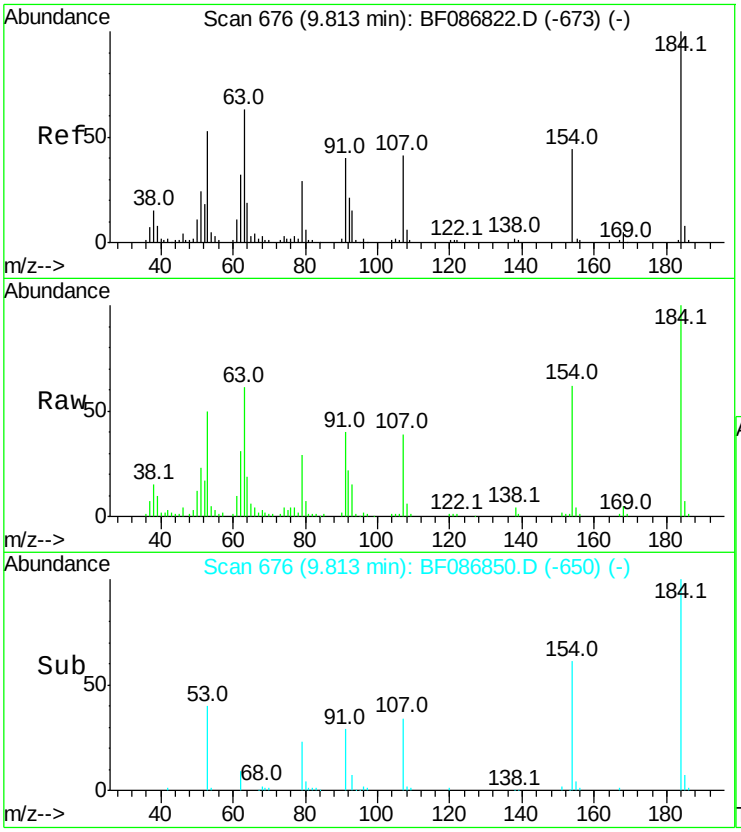


#52
3-Nitroaniline
Concen: 31.20 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:138 Resp: 154318

Ion	Ratio	Lower	Upper
138	100		
108	11.1	7.8	11.6
92	132.5	87.8	131.8#





#53
2,4-Dinitrophenol
Concen: 45.86 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:184 Resp: 101372

Ion	Ratio	Lower	Upper
184	100		
63	61.0	55.8	83.8
154	62.0	62.4	93.6#

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

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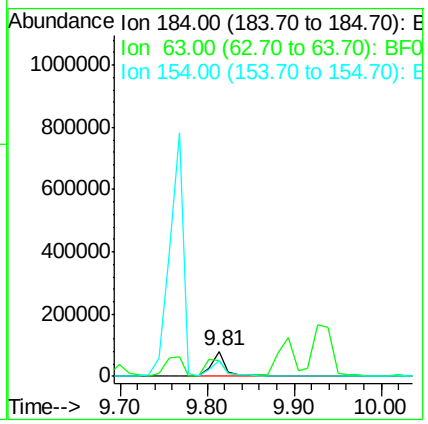
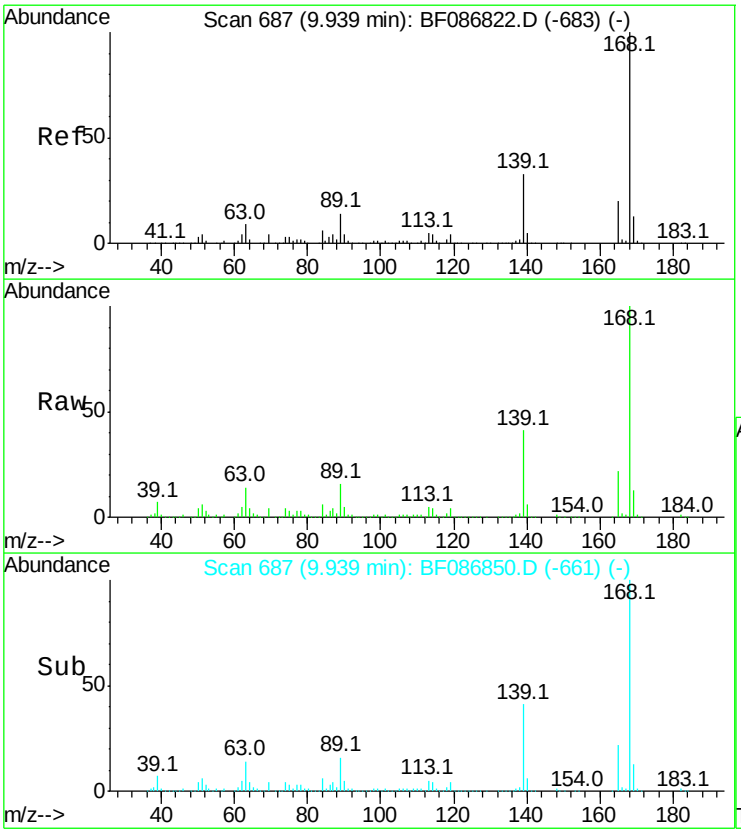
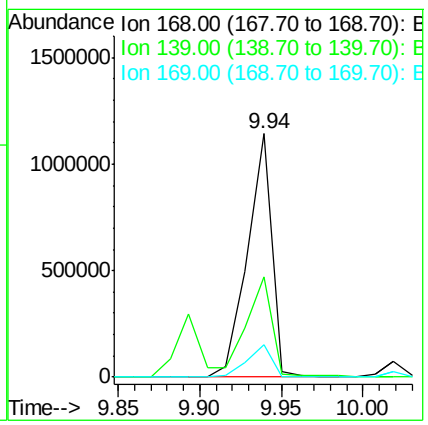


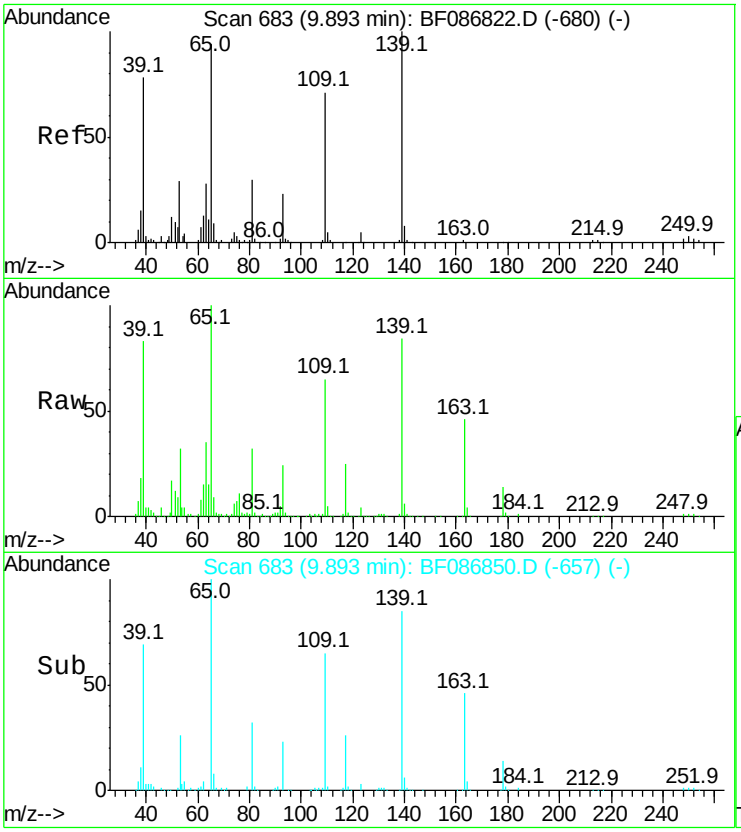


#54
Dibenzofuran
Concen: 55.28 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:168 Resp: 1183882

Ion	Ratio	Lower	Upper
168	100		
139	41.2	31.4	47.0
169	13.5	10.7	16.1





#55
4-Nitrophenol
Concen: 97.51 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:139 Resp: 325053

Ion	Ratio	Lower	Upper
139	100		
109	78.1	36.9	76.9#
65	119.4	64.0	104.0#

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

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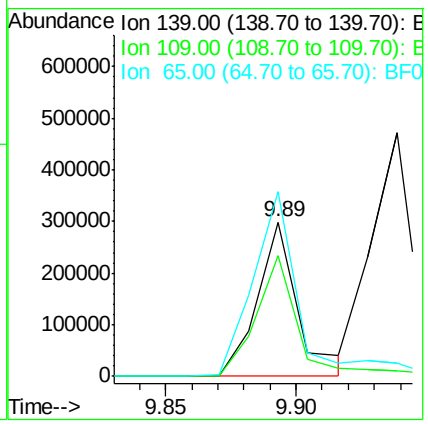
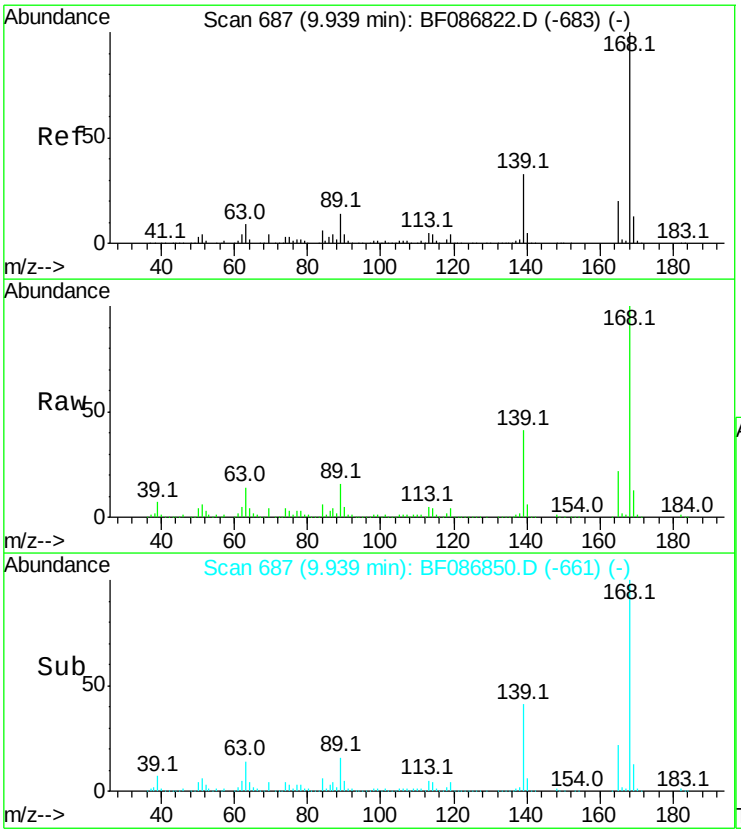
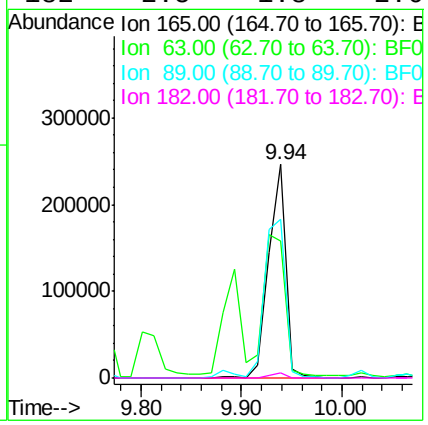


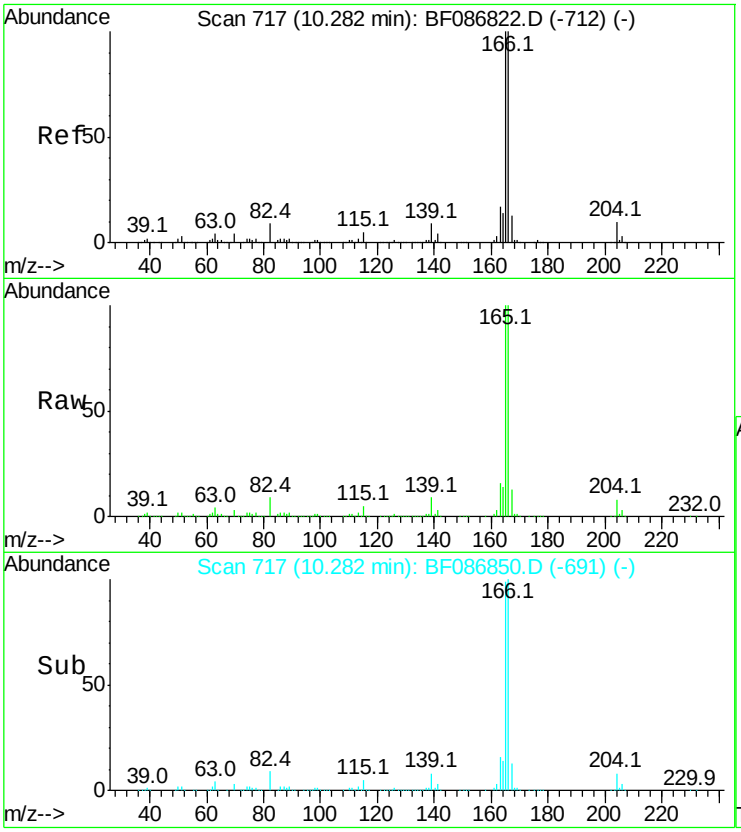


#56
2,4-Dinitrotoluene
Concen: 50.28 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:165 Resp: 292296

Ion	Ratio	Lower	Upper
165	100		
63	64.2	44.3	66.5
89	74.6	70.0	105.0
182	2.5	1.8	2.6

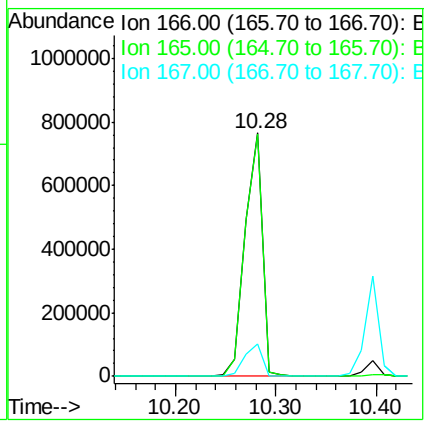




#57
Fluorene
Concen: 50.30 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:166 Resp: 918743

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.0	118.6
167	13.2	10.6	15.8



Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

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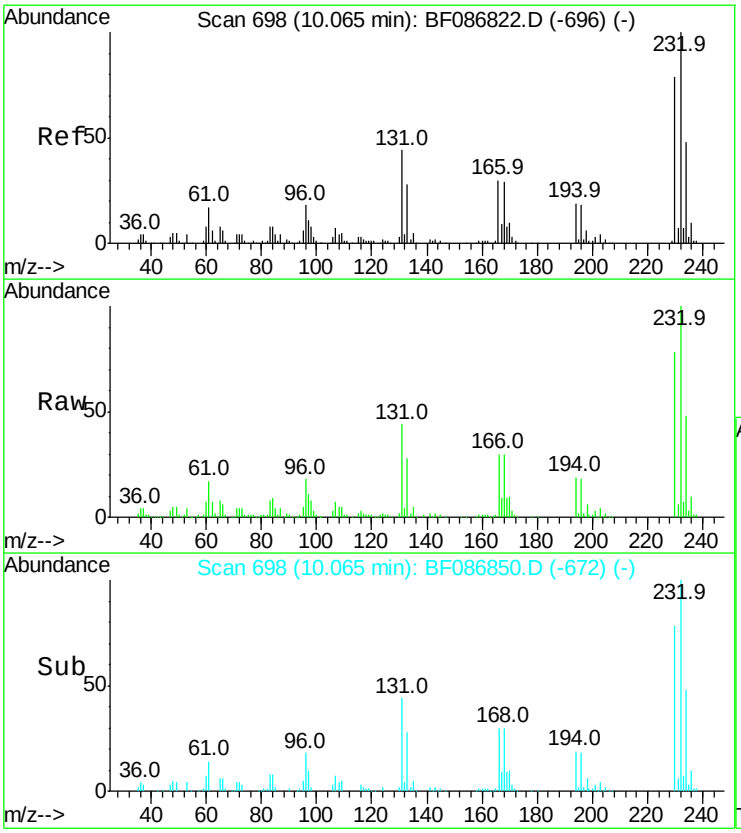
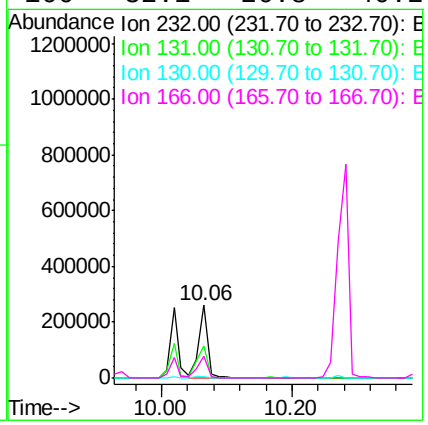
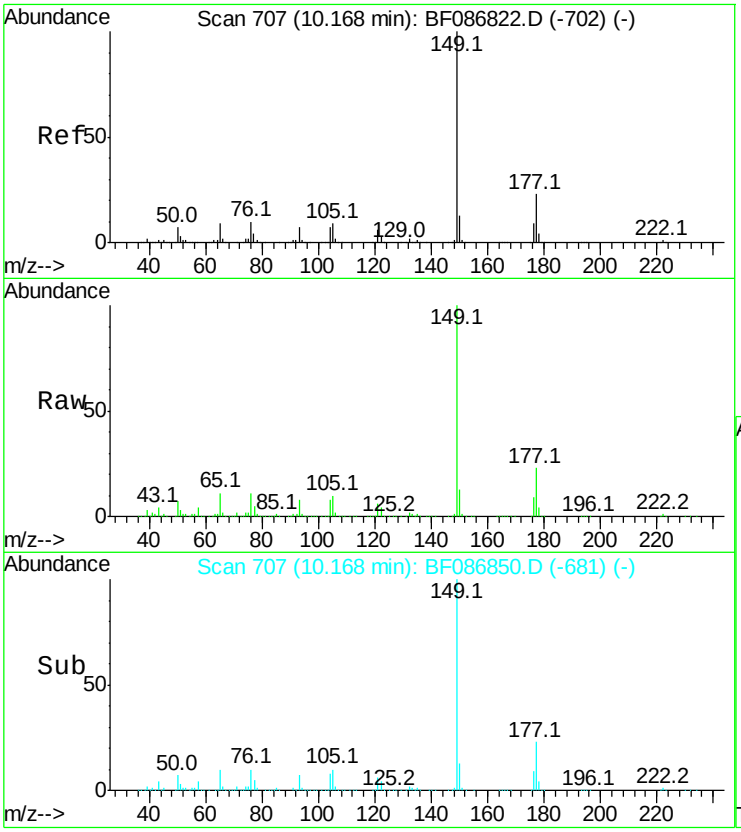


#58
2,3,4,6-Tetrachlorophenol
Concen: 55.45 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:232 Resp: 245569

Ion	Ratio	Lower	Upper
232	100		
131	51.2	41.9	62.9
130	2.7	2.2	3.4
166	32.1	26.8	40.2





#59
Diethylphthalate
Concen: 49.40 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:149 Resp: 1074474

Ion	Ratio	Lower	Upper
149	100		
177	22.8	16.6	24.8
150	12.7	10.0	15.0

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

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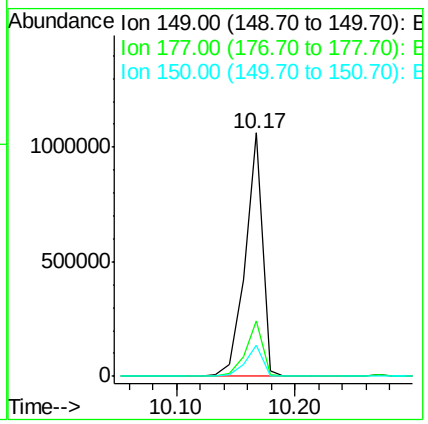
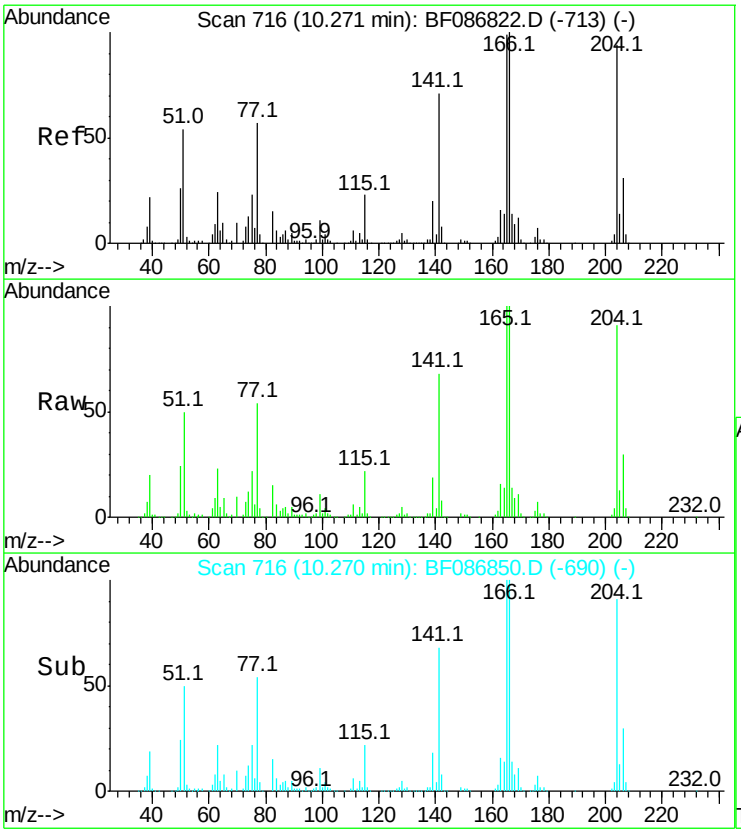
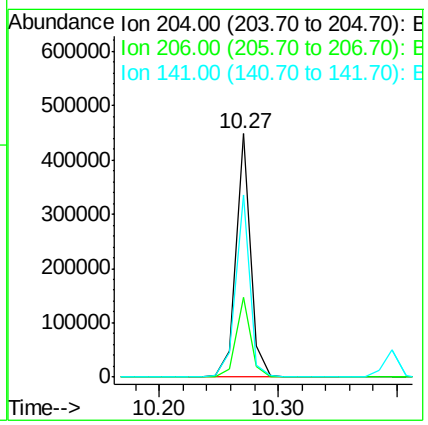


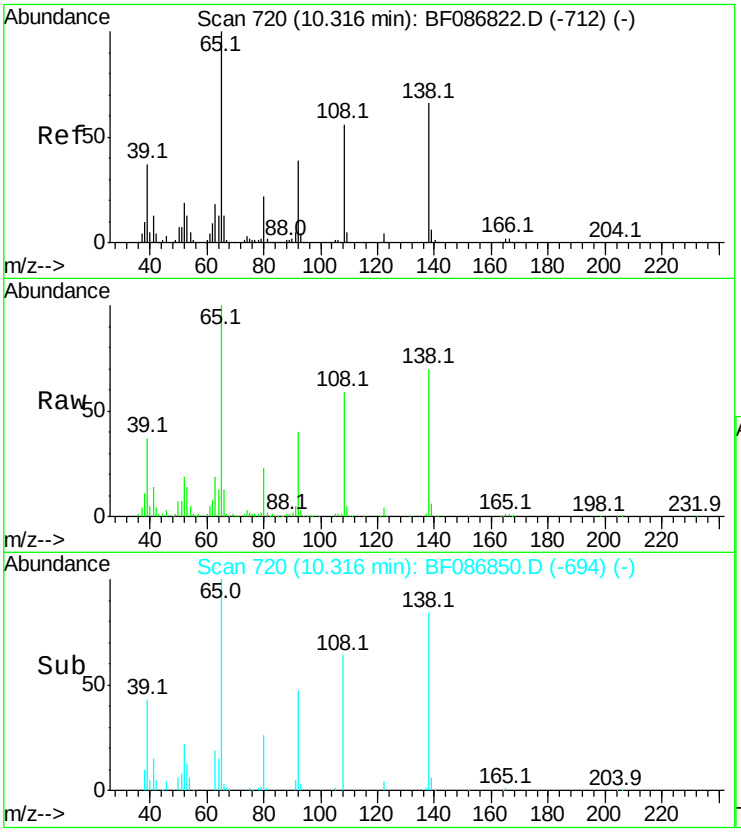


#60
4-Chlorophenyl-phenylether
Concen: 49.89 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:204 Resp: 385897

Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.4	38.0
141	74.9	61.6	92.4

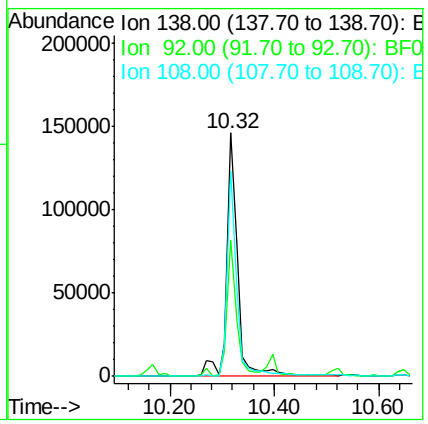




#61
4-Nitroaniline
Concen: 44.42 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:138 Resp: 210998

Ion	Ratio	Lower	Upper
138	100		
92	56.2	24.7	64.7
108	84.1	37.4	77.4#



Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

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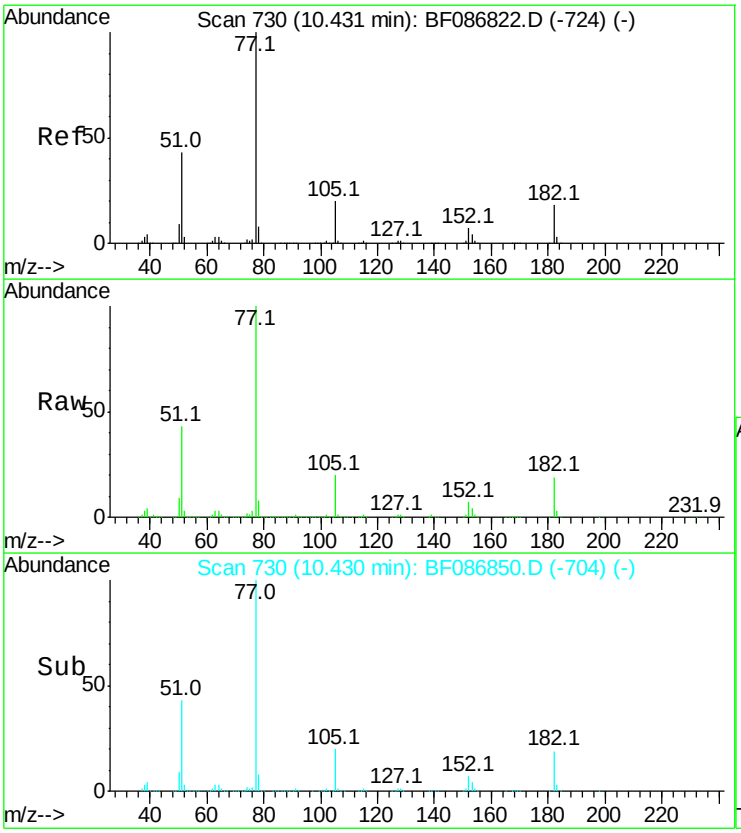
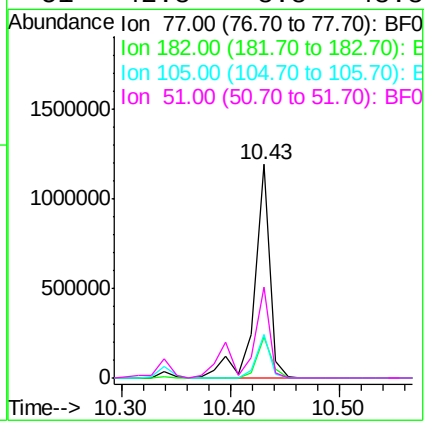
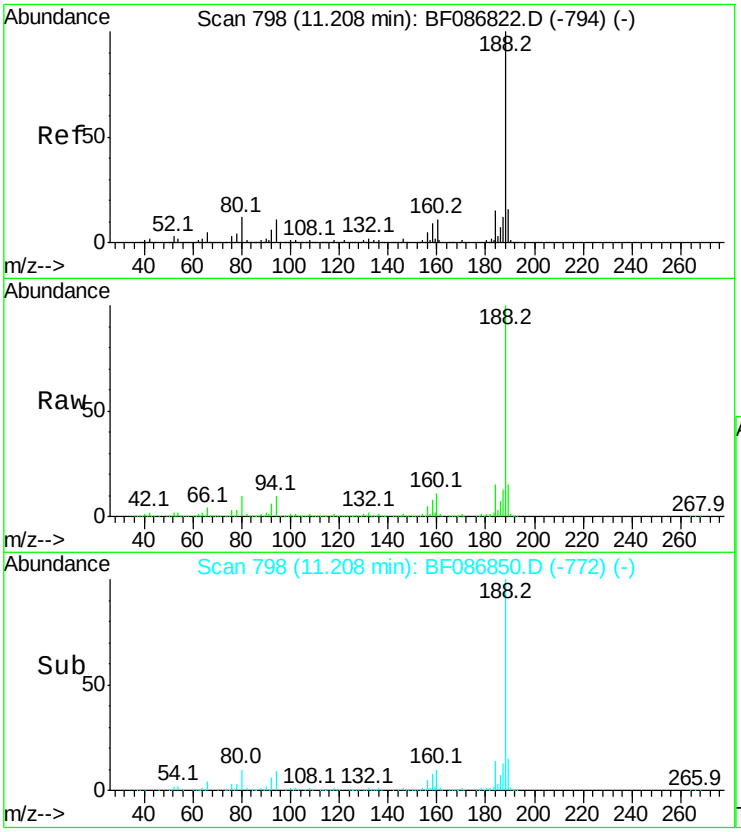


#62
Azobenzene
Concen: 50.28 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion: 77 Resp: 1179950

Ion	Ratio	Lower	Upper
77	100		
182	19.0	0.0	38.8
105	20.4	3.2	43.2
51	42.8	8.8	48.8





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:188 Resp: 506453

Ion	Ratio	Lower	Upper
188	100		
94	9.7	6.8	10.2
80	10.2	7.1	10.7

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

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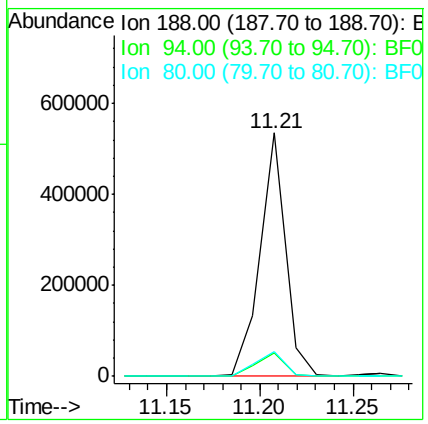
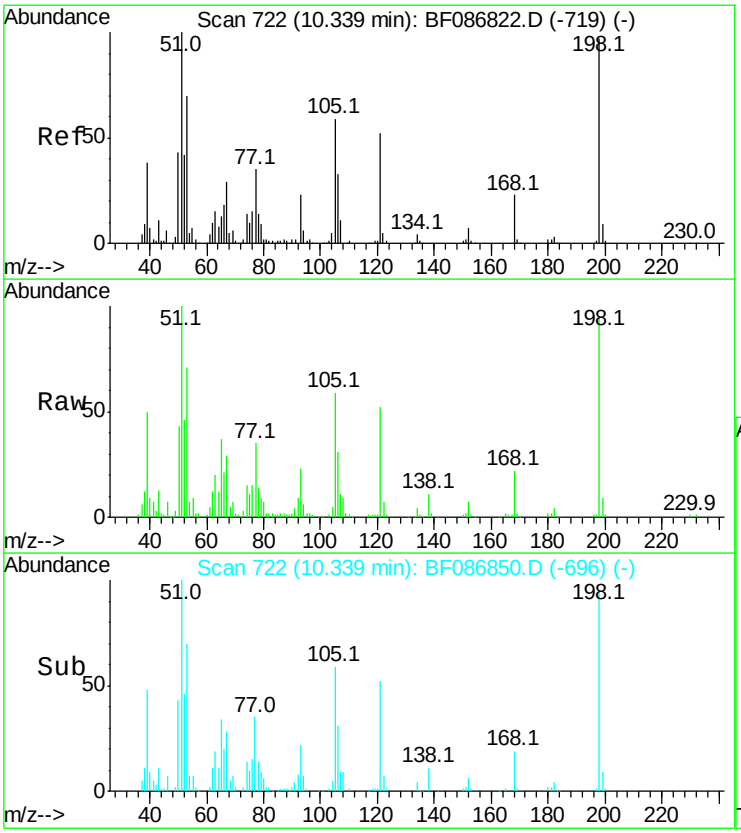
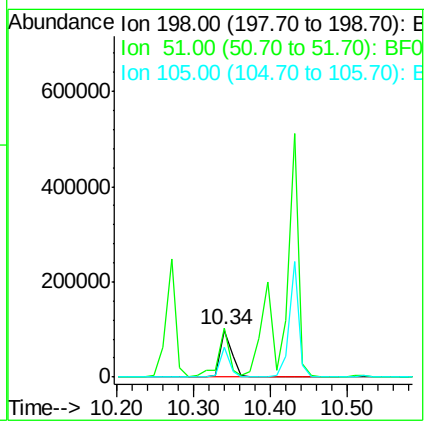


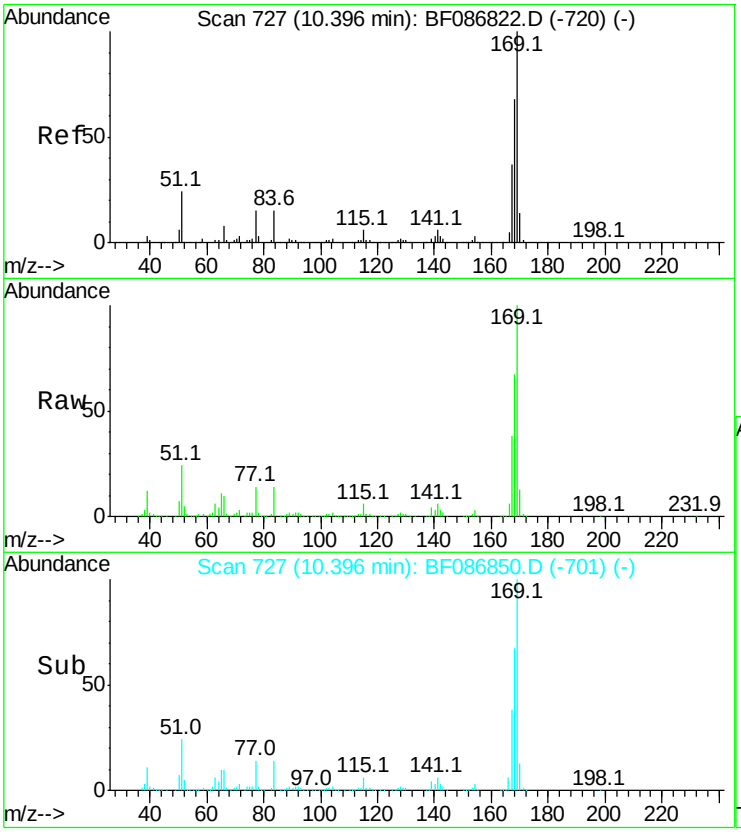


#64
4,6-Dinitro-2-methylphenol
Concen: 34.40 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:198 Resp: 108227

Ion	Ratio	Lower	Upper
198	100		
51	105.7	20.5	60.5#
105	62.5	24.5	64.5

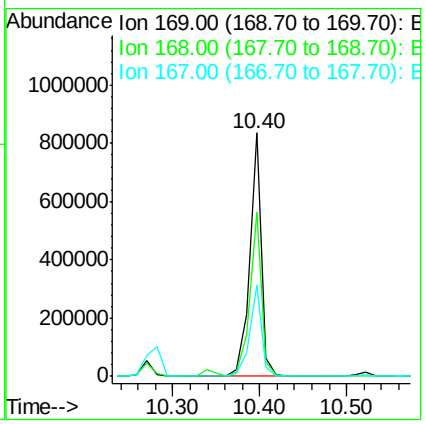




#65
n-Nitrosodiphenylamine
Concen: 50.73 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:169 Resp: 789321

Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.8	80.6
167	37.6	29.5	44.3



Instrument :
BNA_F
ClientSampleId :
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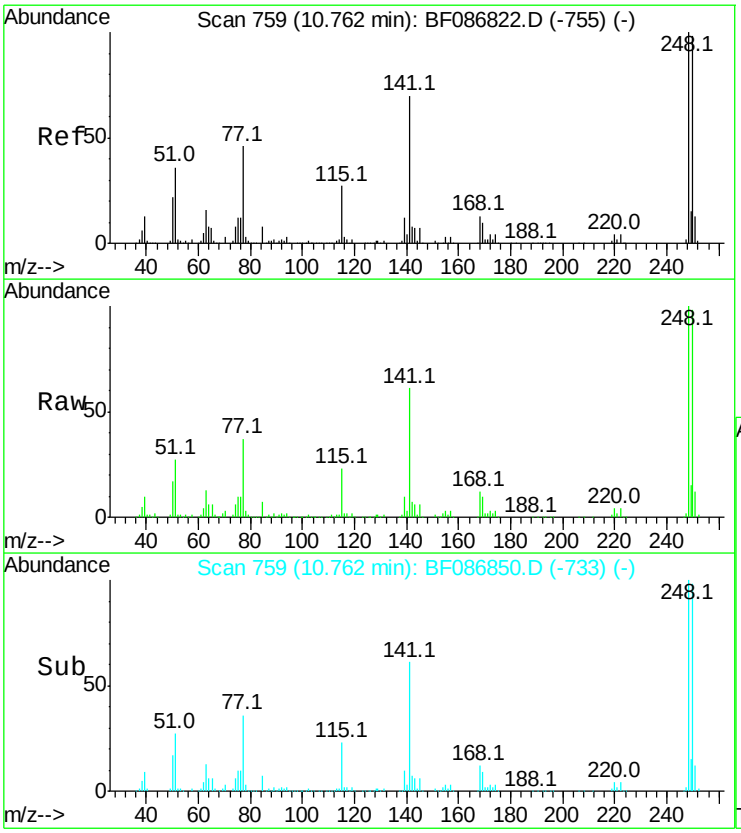
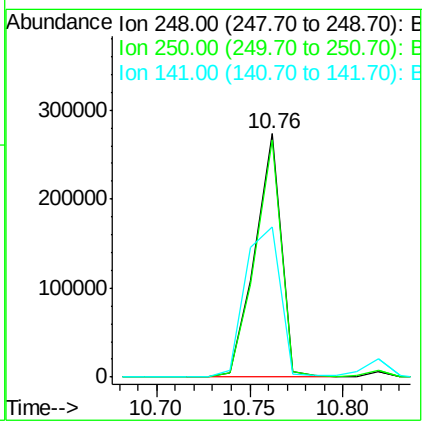
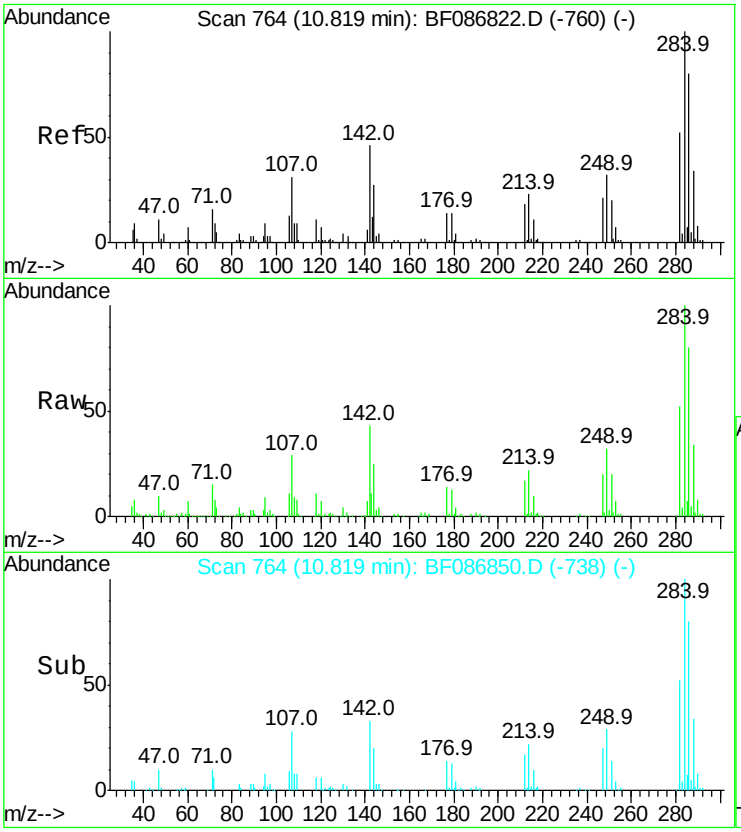


#66
4-Bromophenyl-phenylether
Concen: 52.85 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:248 Resp: 271356

Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.6	117.8
141	61.4	76.0	114.0#

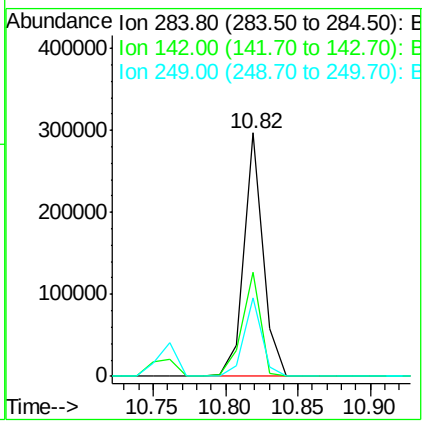




#67
Hexachlorobenzene
Concen: 45.33 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:284 Resp: 272008

Ion	Ratio	Lower	Upper
284	100		
142	42.9	16.7	25.1#
249	32.2	21.3	31.9#



Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

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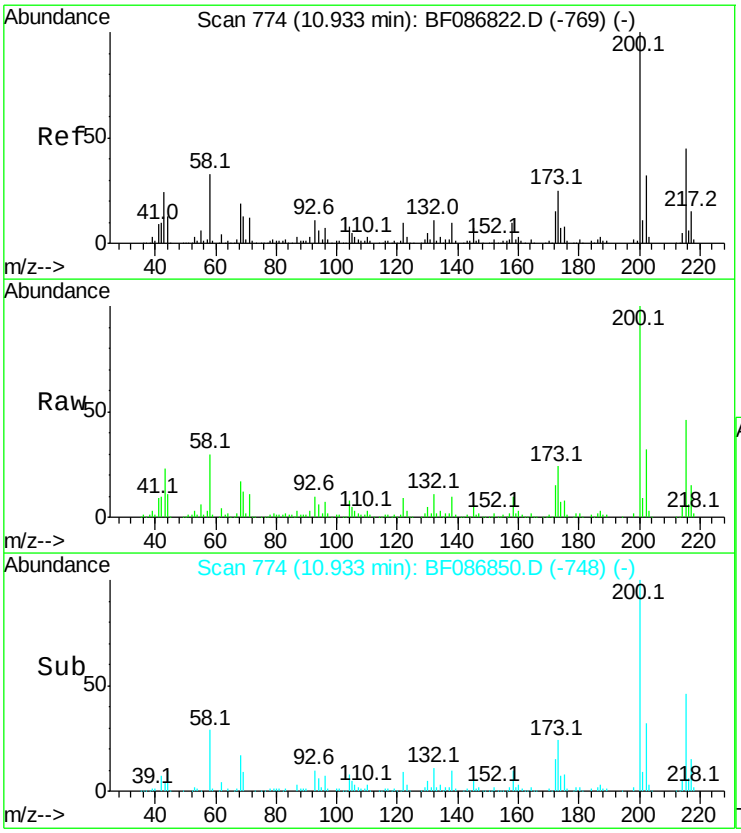
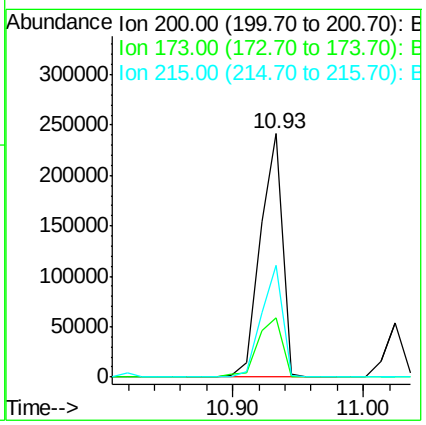
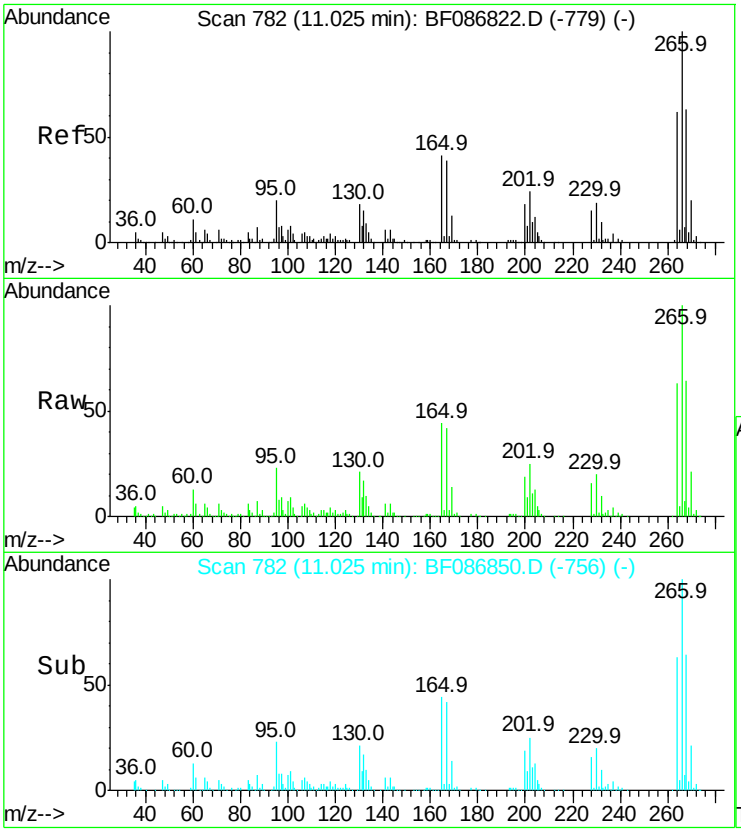


#68
Atrazine
Concen: 55.08 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:200 Resp: 286291

Ion	Ratio	Lower	Upper
200	100		
173	24.3	8.5	48.5
215	45.7	27.2	67.2

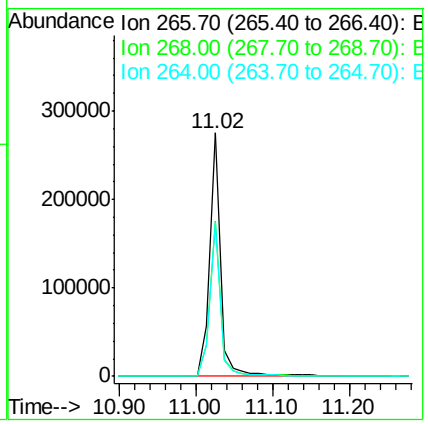




#69
Pentachlorophenol
Concen: 98.40 ng
RT: 11.02 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:266 Resp: 272907

Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.5	77.3
264	63.2	52.9	79.3



Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

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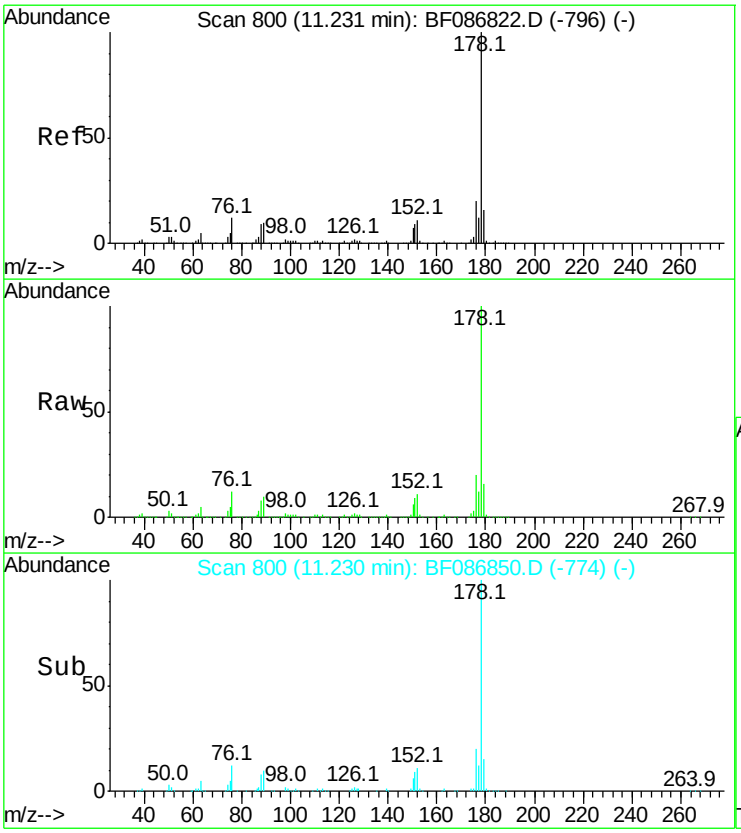
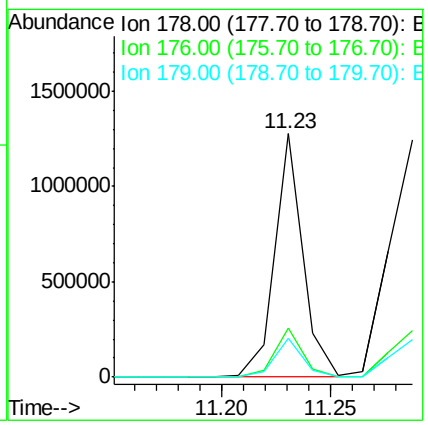
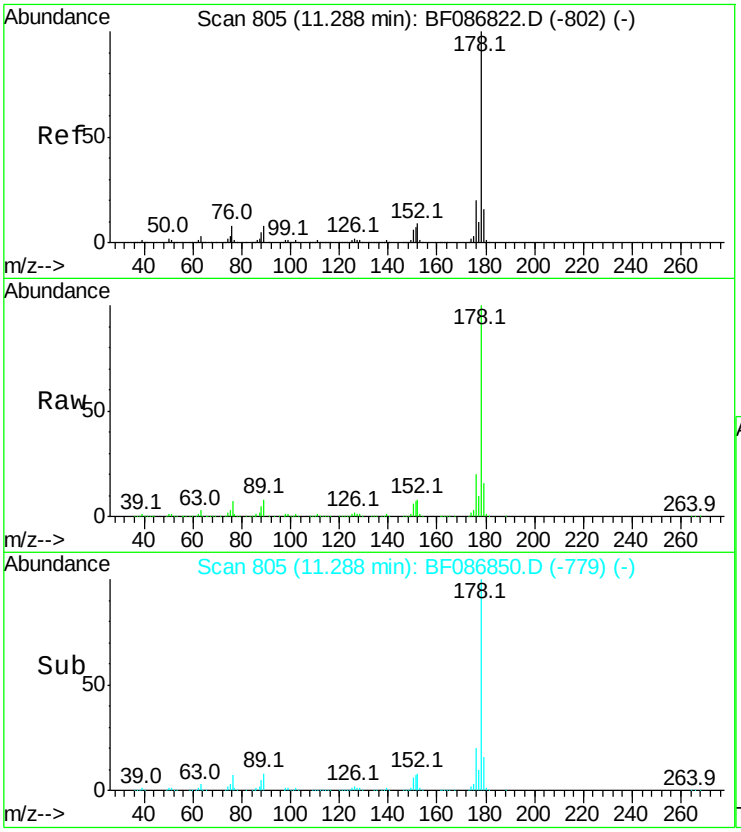


#70
Phenanthrene
Concen: 42.98 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:178 Resp: 1161602

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.0	24.0
179	15.8	12.6	18.8

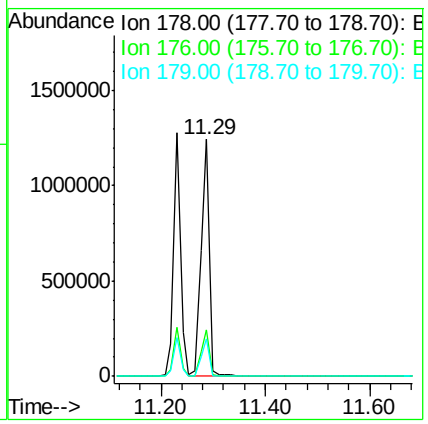




#71
Anthracene
Concen: 49.55 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:178 Resp: 1369667

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.9	12.7	19.1



Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

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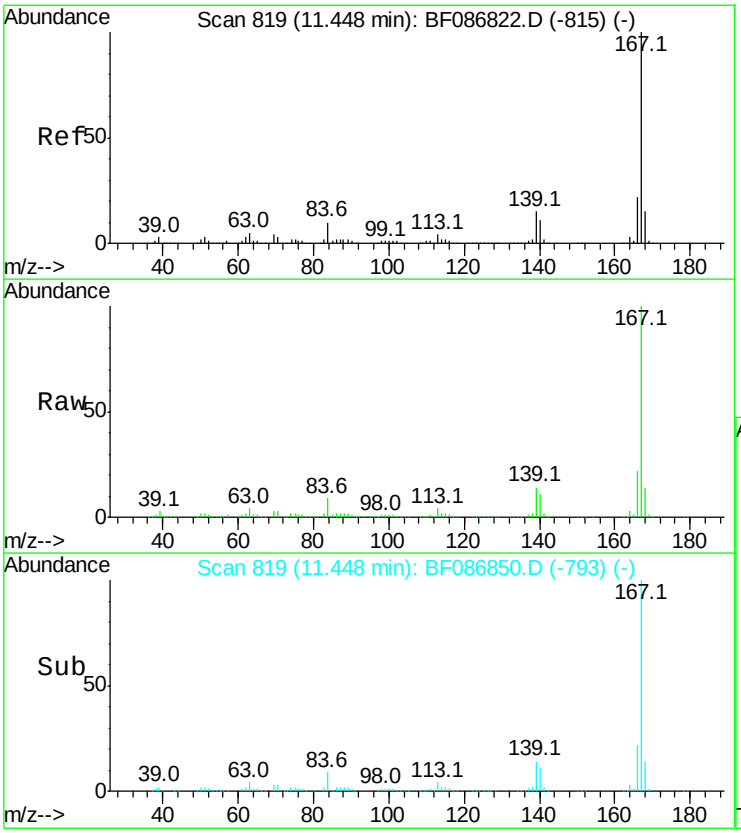
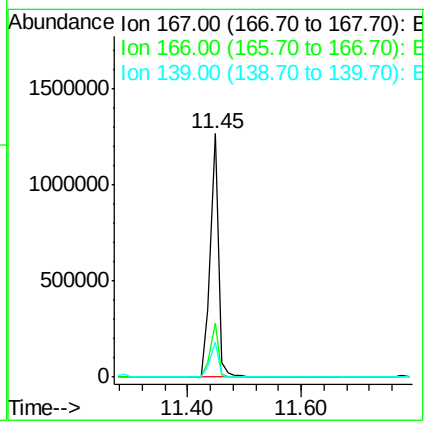
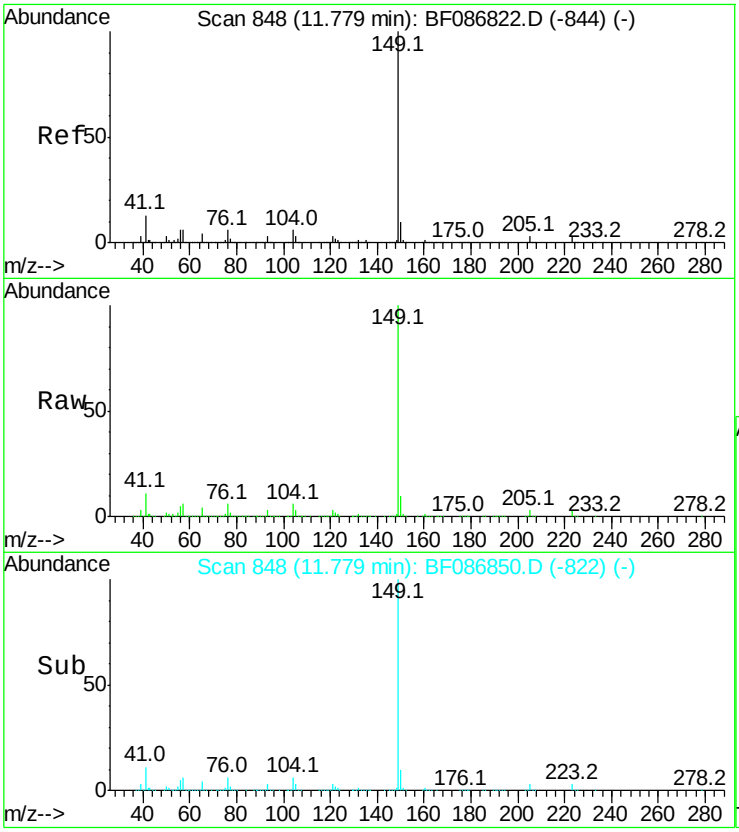


#72
Carbazole
Concen: 50.95 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:167 Resp: 1210727

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.7	26.5
139	14.5	10.8	16.2





#73
Di-n-butylphthalate
Concen: 51.56 ng
RT: 11.78 min Scan# 848
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:149 Resp: 1496084

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	5.8	3.8	5.6#

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

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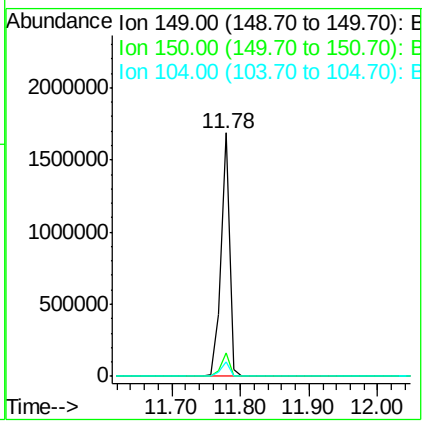
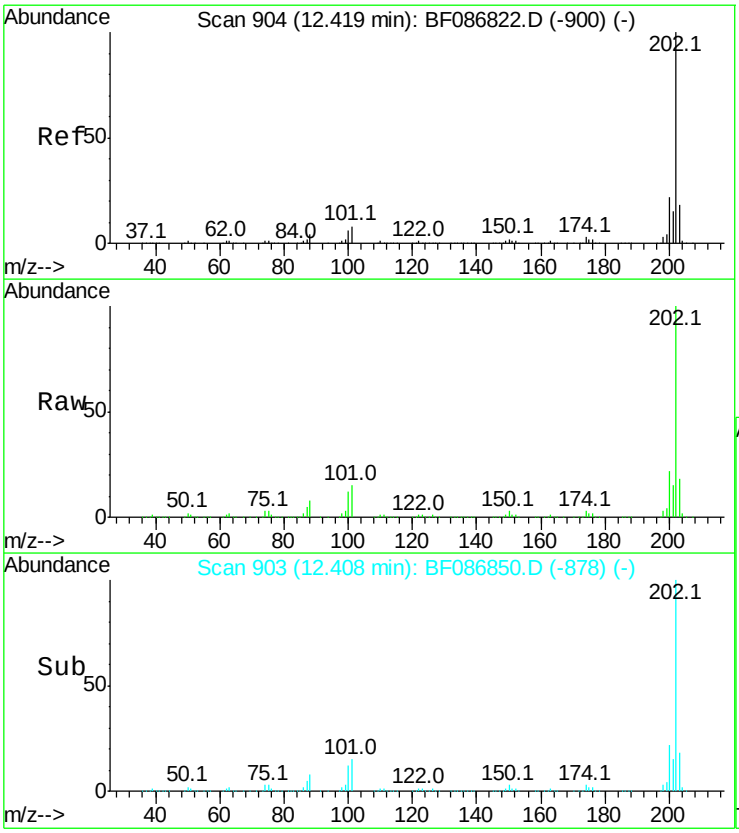
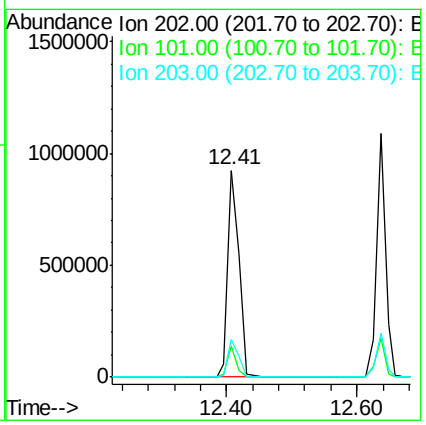


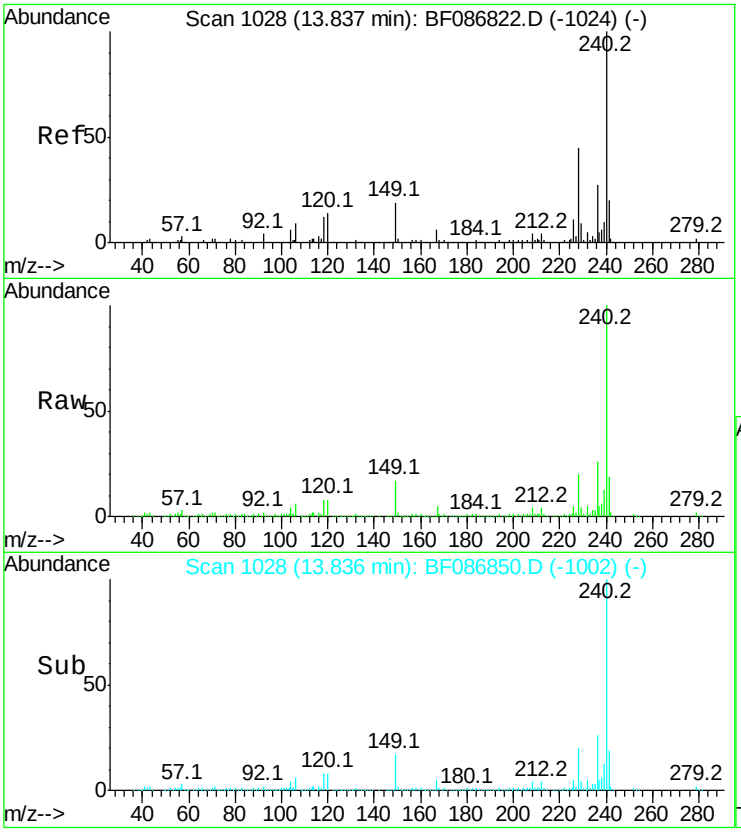


#74
Fluoranthene
Concen: 38.78 ng
RT: 12.41 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:202 Resp: 1078144

Ion	Ratio	Lower	Upper
202	100		
101	15.3	0.0	35.4
203	18.1	0.0	38.1

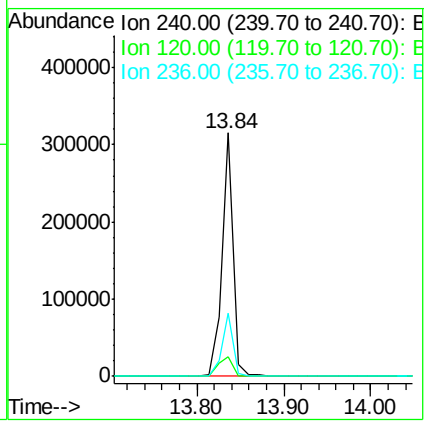




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:240 Resp: 286704

Ion	Ratio	Lower	Upper
240	100		
120	8.1	11.2	16.8#
236	25.9	21.2	31.8



Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

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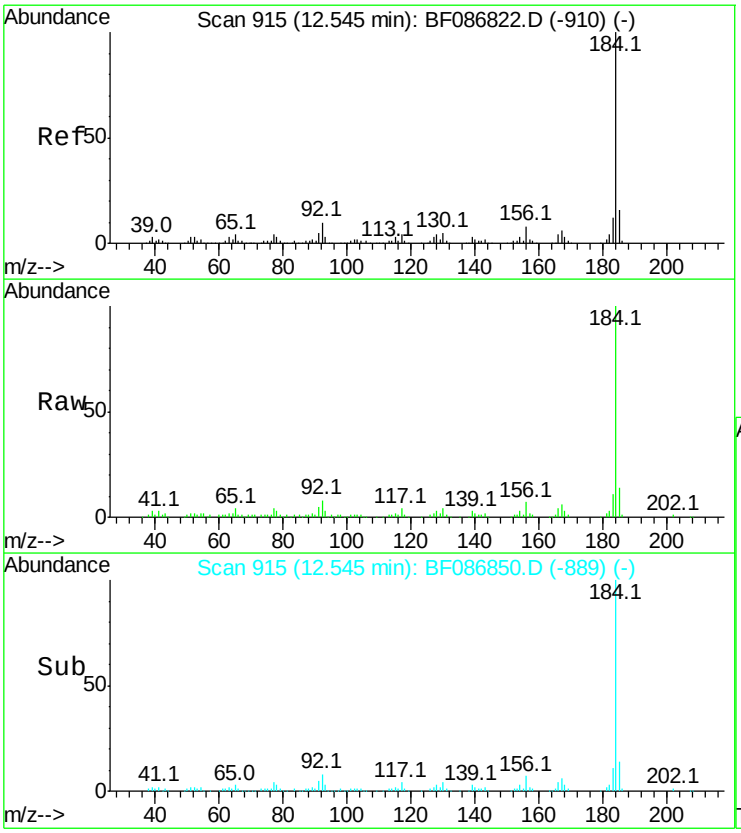
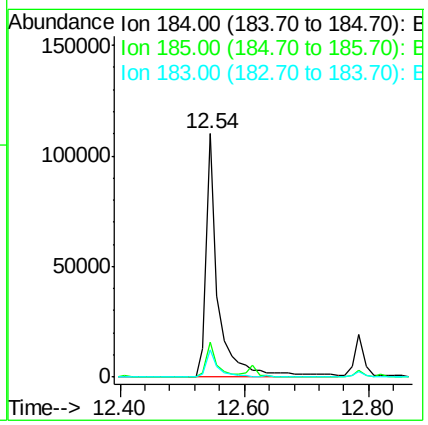
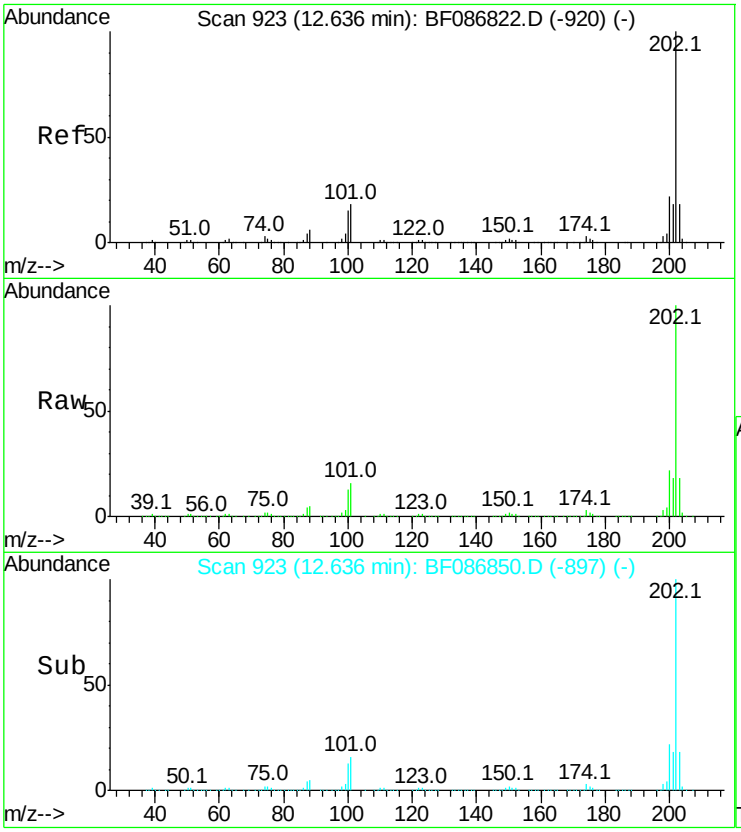


#76
Benzidine
Concen: 20.58 ng
RT: 12.54 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:184 Resp: 150445

Ion	Ratio	Lower	Upper
184	100		
185	14.4	13.6	20.4
183	11.1	9.8	14.6

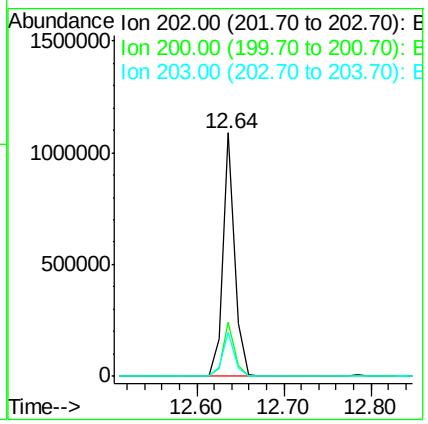




#77
Pyrene
Concen: 47.13 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:202 Resp: 1034555

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.7	26.5
203	17.8	14.2	21.4



Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

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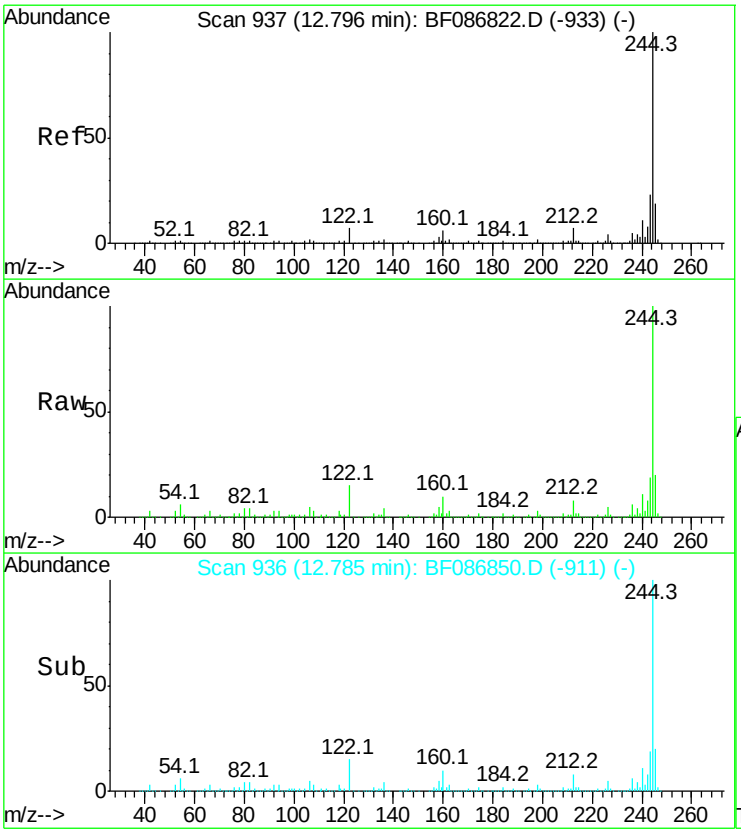
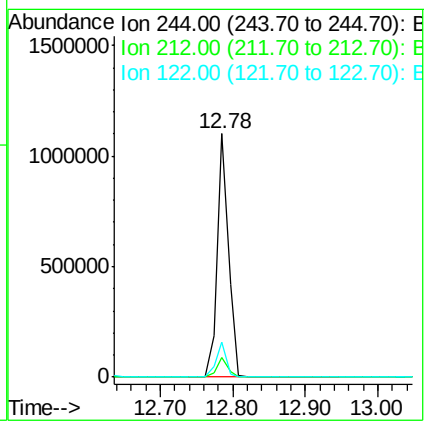
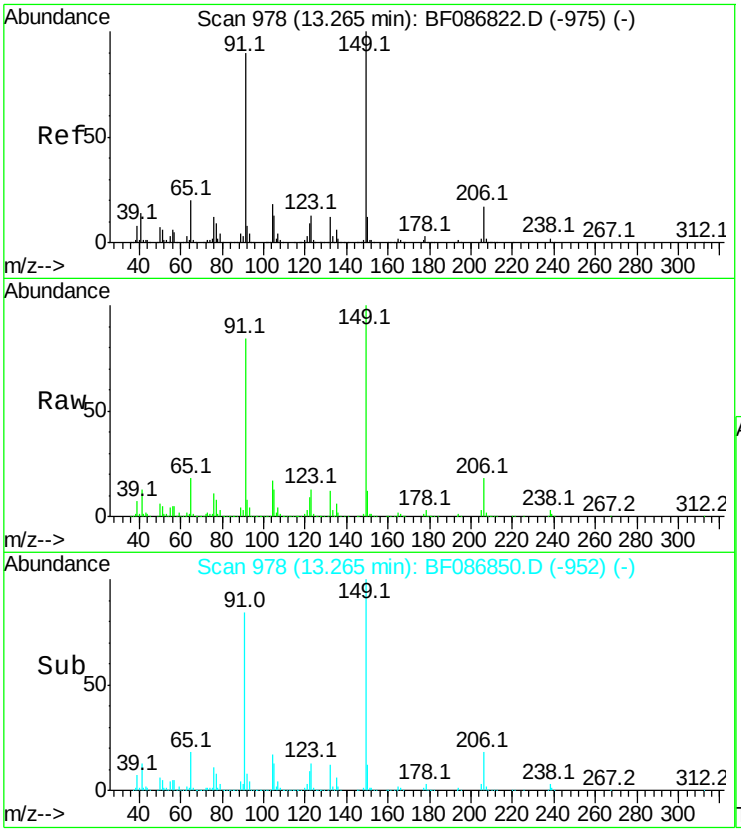


#78
Terphenyl-d14
Concen: 88.32 ng
RT: 12.78 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:244 Resp: 1193505

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	14.6	12.0	18.0

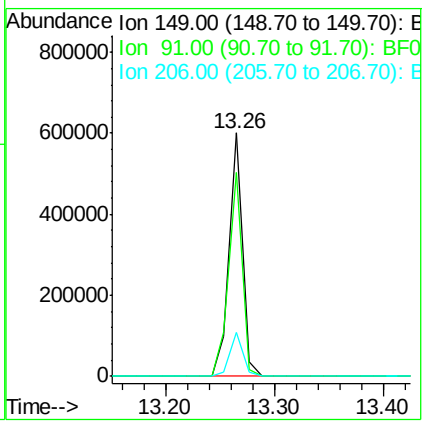




#79
Butylbenzylphthalate
Concen: 54.90 ng
RT: 13.26 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:149 Resp: 509687

Ion	Ratio	Lower	Upper
149	100		
91	84.0	48.0	72.0#
206	18.0	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

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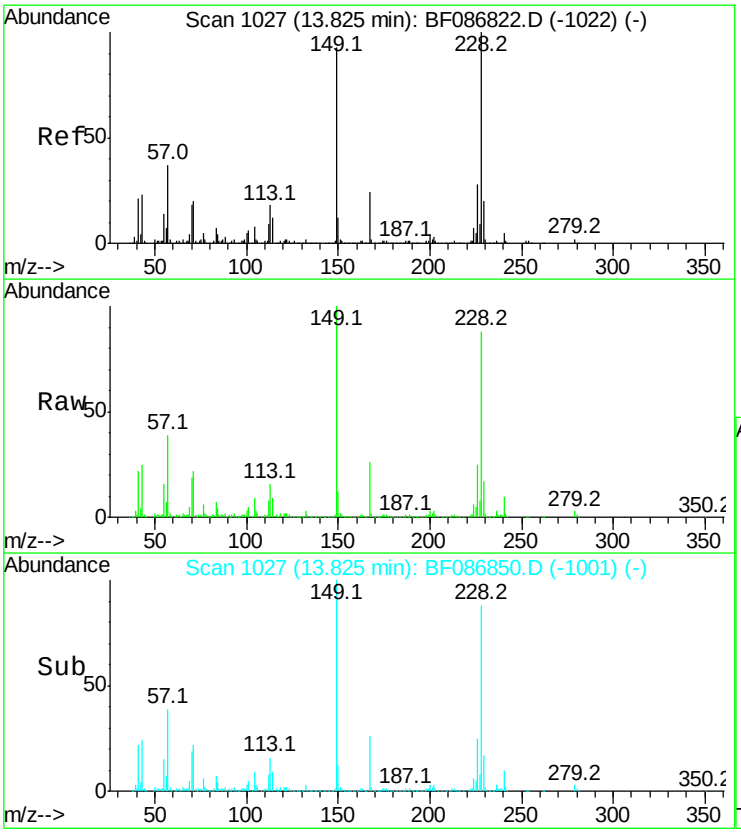
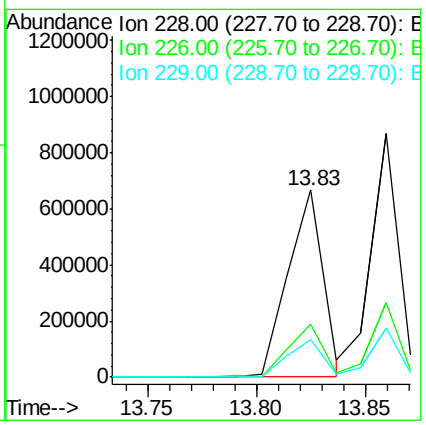
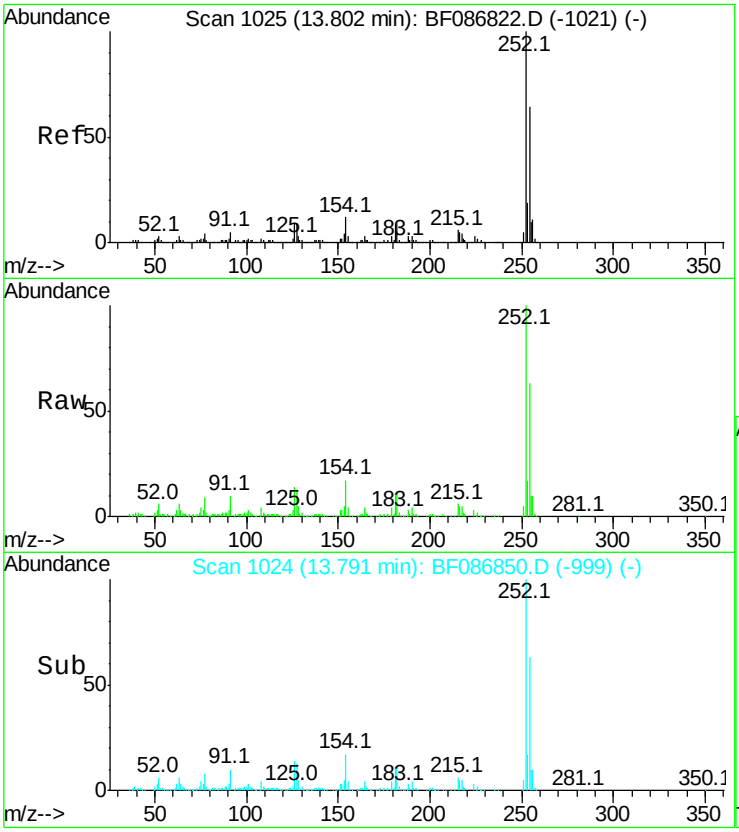


#80
Benzo(a)anthracene
Concen: 46.61 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:228 Resp: 750135

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.5	33.7
229	19.8	16.6	25.0

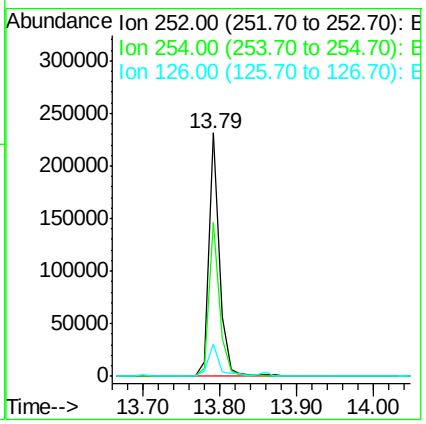




#81
3,3'-Dichlorobenzidine
Concen: 21.51 ng
RT: 13.79 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:252 Resp: 219964

Ion	Ratio	Lower	Upper
252	100		
254	63.4	50.7	76.1
126	13.6	12.7	19.1



Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

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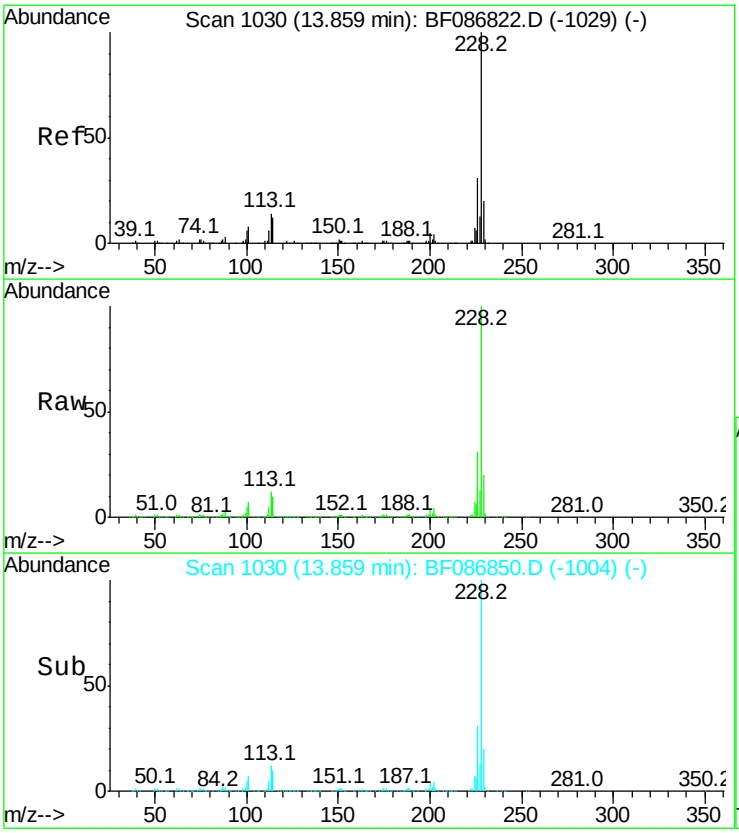
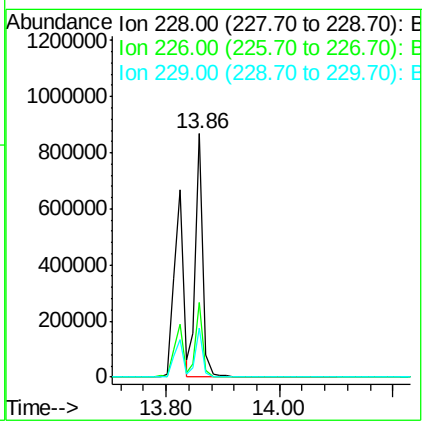
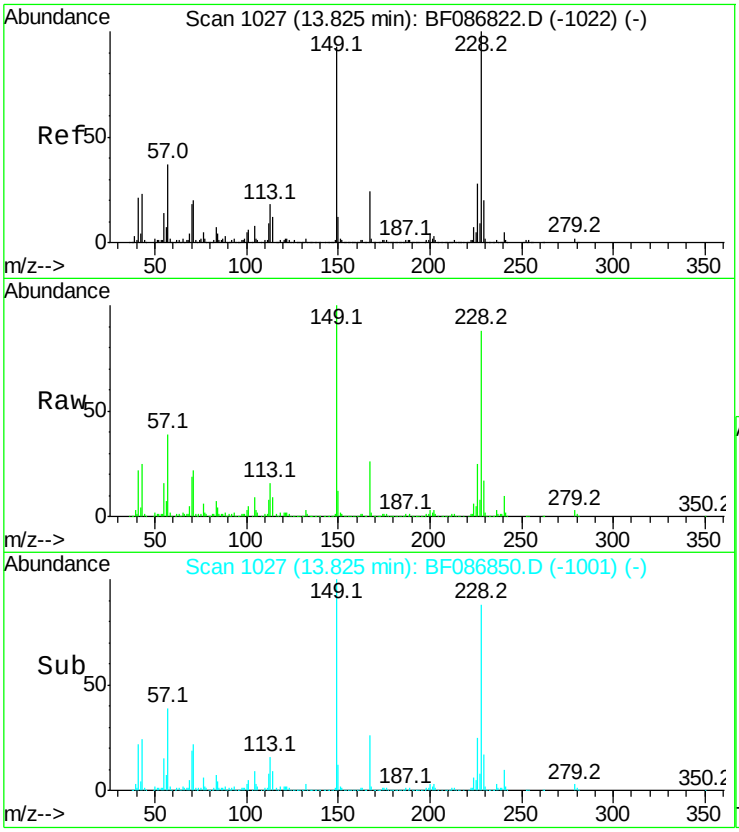


#82
Chrysene
Concen: 47.63 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:228 Resp: 779722

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	20.2	15.8	23.8





#83
Bis(2-ethylhexyl)phthalate
Concen: 59.90 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:149 Resp: 668963

Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.8	32.6
279	2.9	2.6	4.0

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

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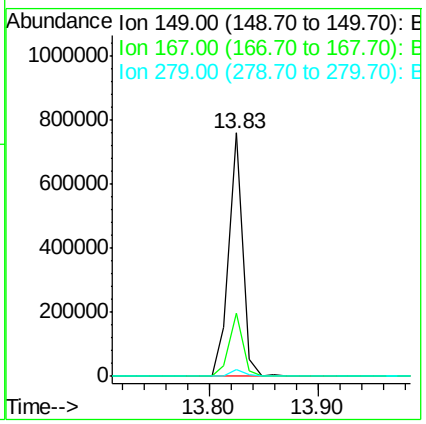
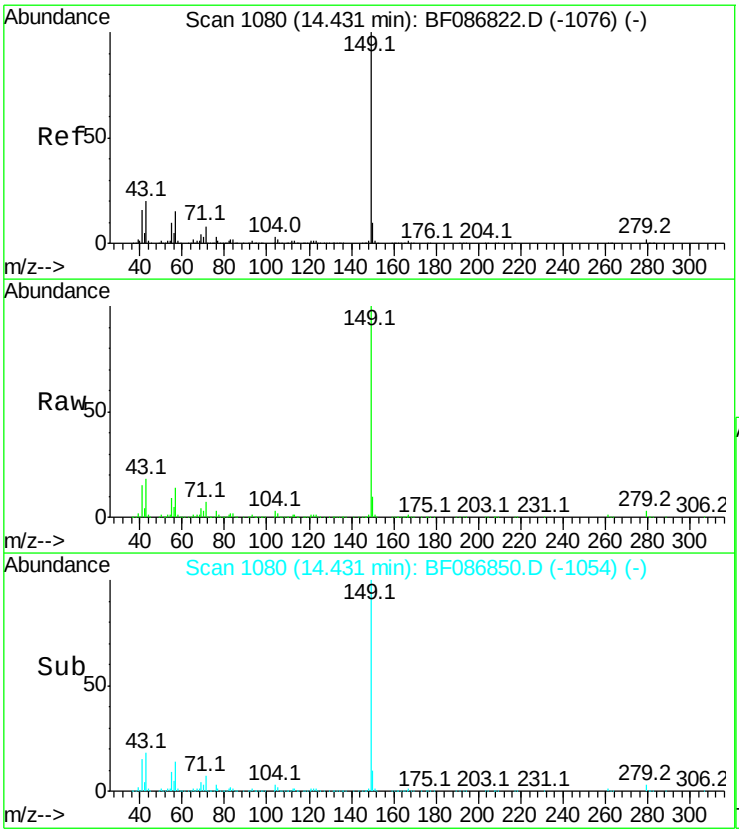
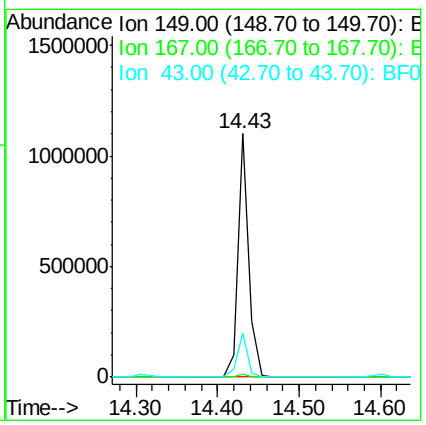


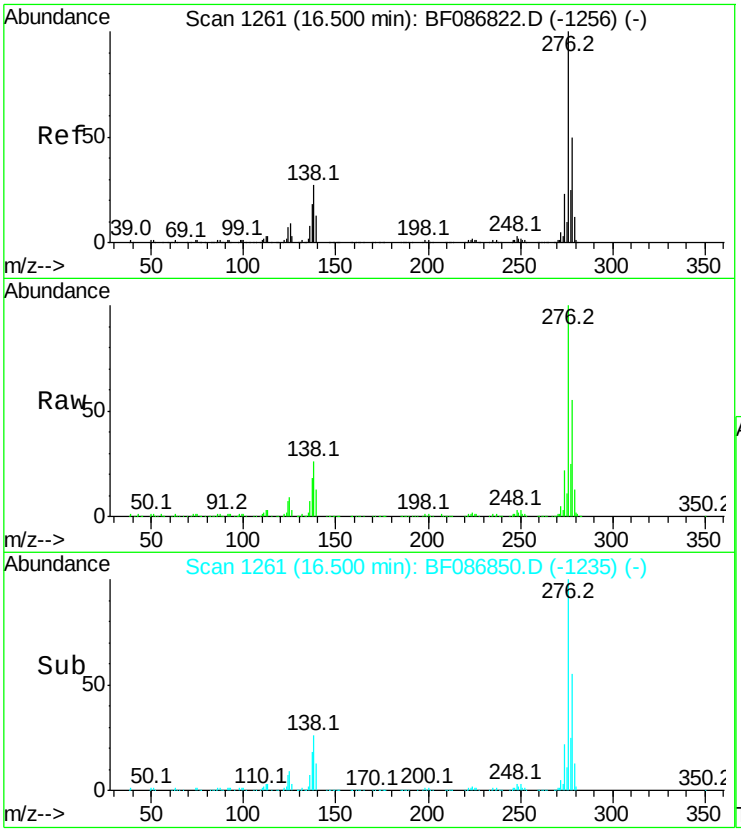


#84
Di-n-octyl phthalate
Concen: 54.33 ng
RT: 14.43 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:149 Resp: 1005089

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	17.3	8.2	12.4#





#85
Indeno(1,2,3-cd)pyrene
Concen: 63.73 ng
RT: 16.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:276 Resp: 868149

Ion	Ratio	Lower	Upper
276	100		
138	27.2	25.6	38.4
277	25.3	20.5	30.7

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

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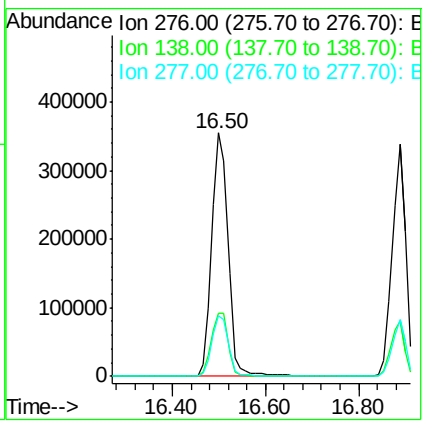
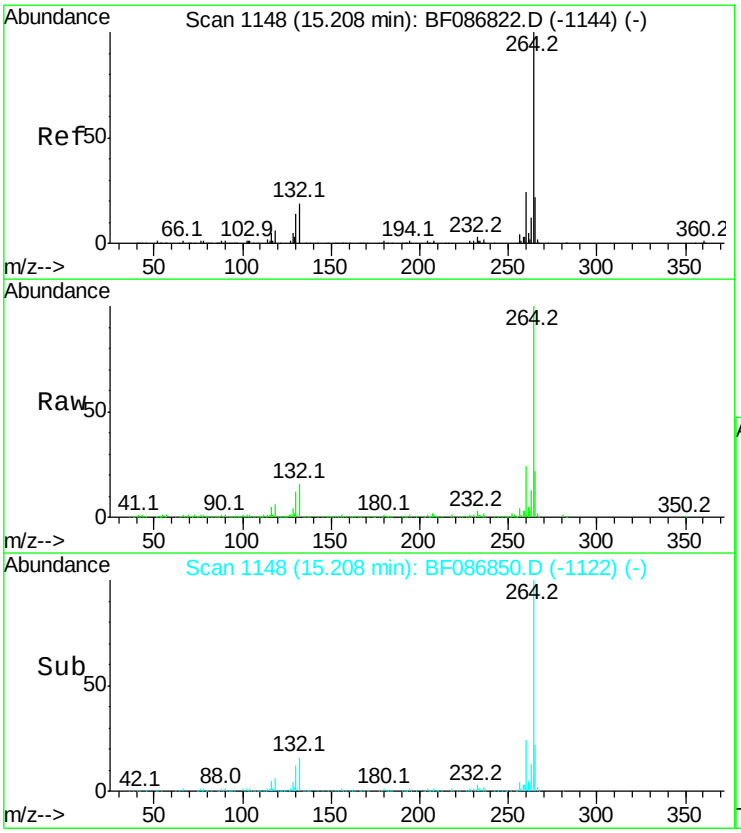
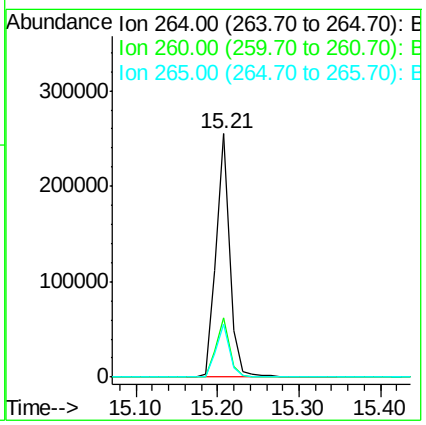


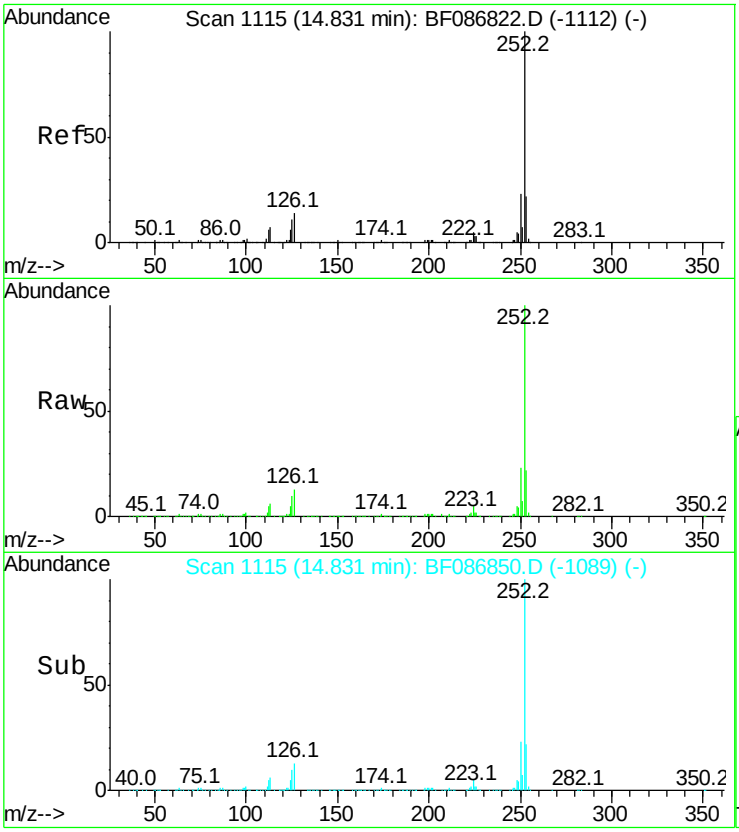


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:264 Resp: 298378

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.6	17.3	25.9





#87
Benzo(b)fluoranthene
Concen: 44.88 ng m
RT: 14.83 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:252 Resp: 870230

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	9.6	11.4	17.0#

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

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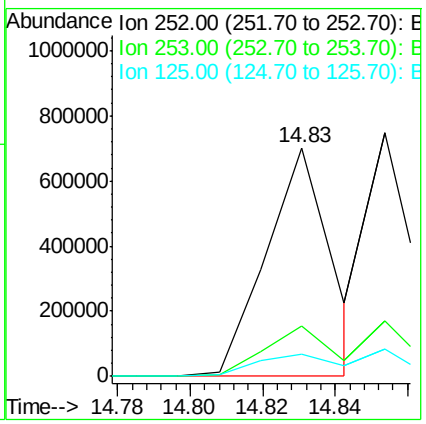
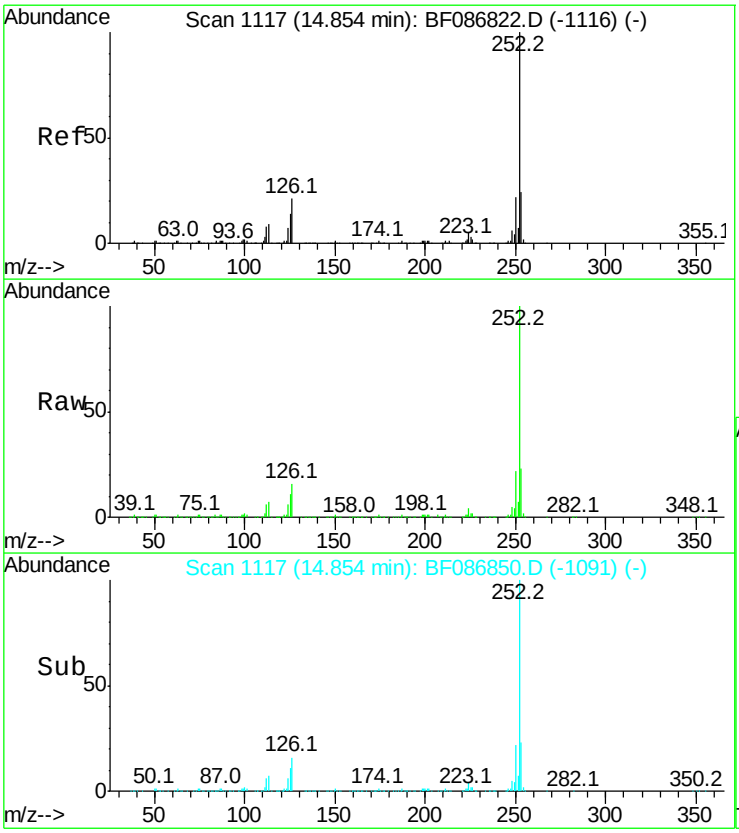
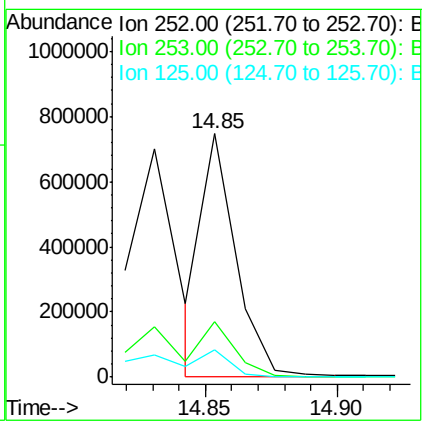


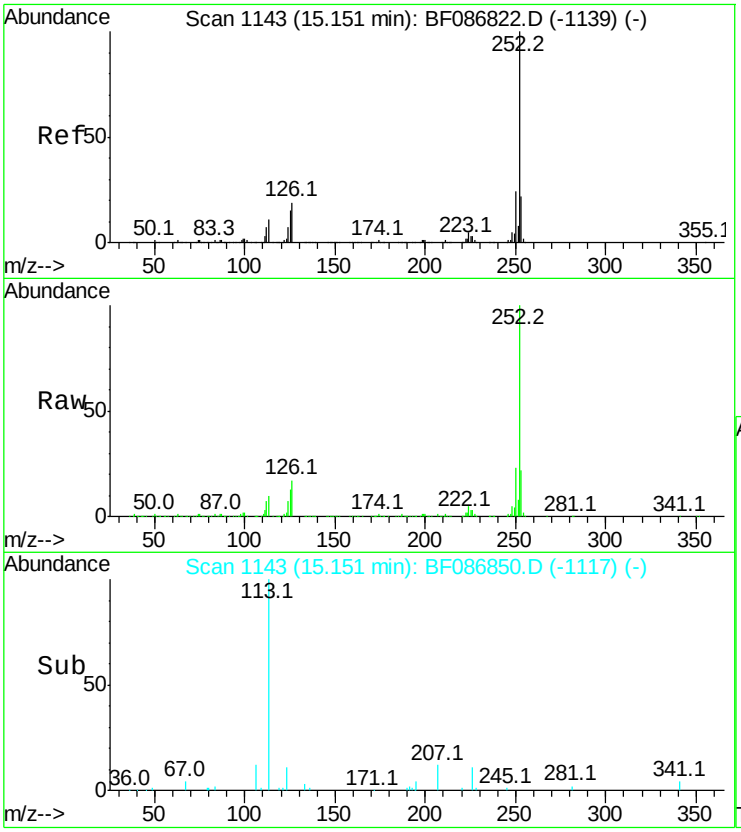


#88
Benzo(k)fluoranthene
Concen: 42.85 ng m
RT: 14.85 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:252 Resp: 680439

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	11.4	9.1	13.7





#89
Benzo(a)pyrene
Concen: 45.85 ng
RT: 15.15 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:252 Resp: 766836

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	13.4	9.0	13.6

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

Manual Integrations APPROVED
sohil
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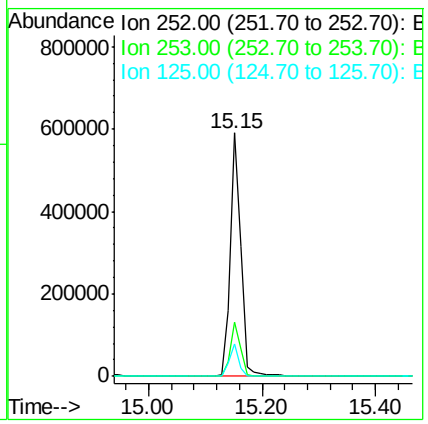
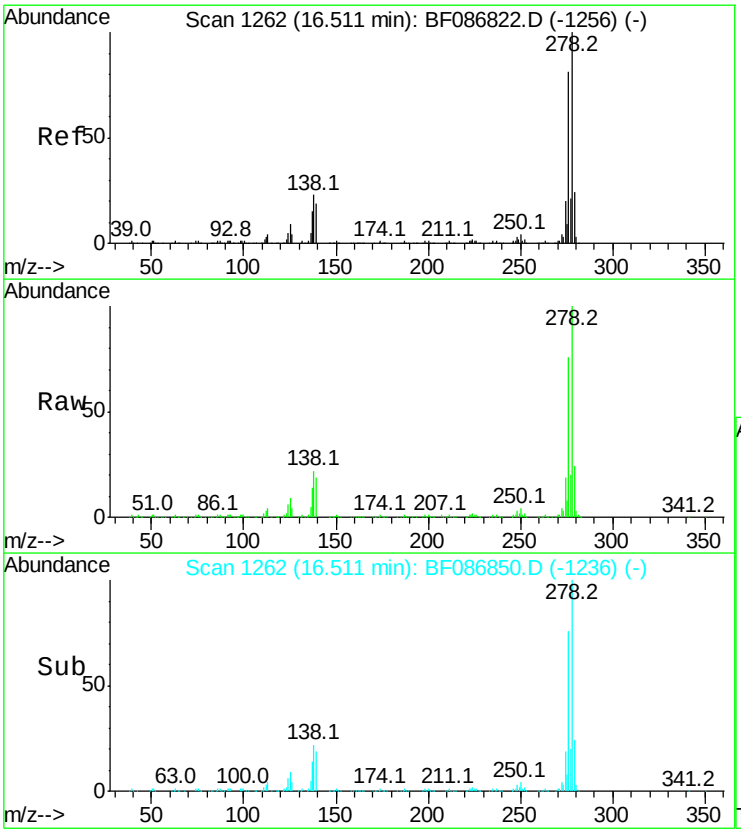
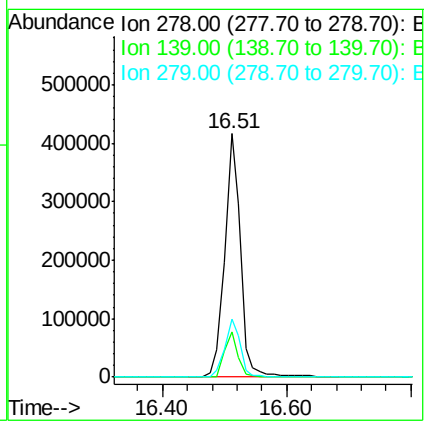


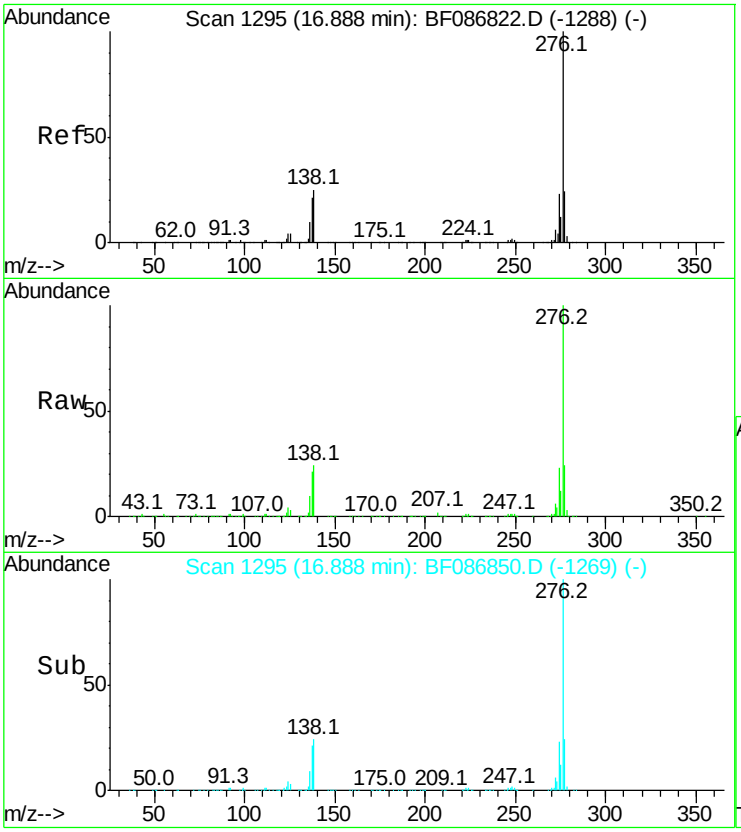


#90
Dibenzo(a,h)anthracene
Concen: 51.66 ng
RT: 16.51 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:278 Resp: 728288

Ion	Ratio	Lower	Upper
278	100		
139	18.6	16.6	24.8
279	23.9	19.6	29.4

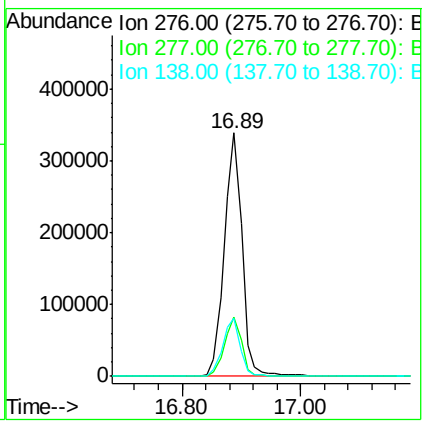




#91
Benzo(g,h,i)perylene
Concen: 48.45 ng
RT: 16.89 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF086850.D
Acq: 10 May 2016 5:13

Tgt Ion:276 Resp: 694013

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.6	29.4
138	23.9	23.6	35.4



Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

Manual Integrations APPROVED
sohil
5/10/2016 11:06:14 AM