Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012216\
Data File : BF084586.D
Acq On : 22 Jan 2016 13:45
Operator : SJ/IZ
Sample : PB87895BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87895BS

Quant Time: Jan 22 21:59:46 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	192514	20.00	ng		-0.08
21) Naphthalene-d8	8.03	136	833953	20.00	ng		-0.09
38) Acenaphthene-d10	9.79	164	419969	20.00	ng		-0.08
63) Phenanthrene-d10	11.26	188	760054	20.00	ng		-0.09
75) Chrysene-d12	13.91	240	577217	20.00	ng		-0.09
86) Perylene-d12	15.30	264	468522	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1023826	86.02	ng		-0.08
7) Phenol-d6	6.40	99	1284134	85.91	ng		-0.08
23) Nitrobenzene-d5	7.31	82	1141520	76.18	ng		-0.09
41) 2,4,6-Tribromophenol	10.58	330	339160	79.99	ng		-0.09
44) 2-Fluorobiphenyl	9.12	172	1983244	82.92	ng		-0.08
78) Terphenyl-d14	12.85	244	1864266	72.09	ng		-0.09
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	197025	34.94	ng	#	75
3) Pyridine	3.04	79	385470	24.52	ng	#	64
4) n-Nitrosodimethylamine	2.99	42	226420	28.06	ng	#	70
6) Aniline	6.41	93	286128	13.08	ng	#	1
8) 2-Chlorophenol	6.53	128	570621	42.26	ng		98
9) Benzaldehyde	6.29	77	47257	4.86	ng		86
10) Phenol	6.41	94	706344	41.56	ng		98
11) bis(2-Chloroethyl)ether	6.49	93	525749	39.93	ng		86
12) 1,3-Dichlorobenzene	6.92	146	503255	36.13	ng		98
13) 1,4-Dichlorobenzene	6.76	146	558935	40.01	ng		96
14) 1,2-Dichlorobenzene	6.92	146	503290	37.62	ng		95
15) Benzyl Alcohol	6.90	79	478763	38.07	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.04	45	838410	34.97	ng		86
17) 2-Methylphenol	7.01	107	429908	37.99	ng		95
18) Hexachloroethane	7.25	117	213327	38.19	ng	#	89
19) n-Nitroso-di-n-propylamine	7.17	70	389385	38.48	ng	#	81
20) 3+4-Methylphenols	7.17	107	553902	41.64	ng	#	85
22) Acetophenone	7.16	105	732661	36.54	ng	#	97
24) Nitrobenzene	7.33	77	561427	36.94	ng		98
25) Isophorone	7.57	82	1013938	35.38	ng		98
26) 2-Nitrophenol	7.65	139	308186	44.56	ng	#	91
27) 2,4-Dimethylphenol	7.70	122	515026	36.79	ng		94
28) bis(2-Chloroethoxy)methane	7.79	93	621023	35.48	ng		99
29) 2,4-Dichlorophenol	7.89	162	434146	37.23	ng		95
30) 1,2,4-Trichlorobenzene	7.97	180	450045	37.38	ng		96
31) Naphthalene	8.05	128	1423978	37.64	ng		99
32) Benzoic acid	7.82	122	311256	36.31	ng		96
33) 4-Chloroaniline	8.11	127	137982	7.95	ng		93
34) Hexachlorobutadiene	8.18	225	277035	40.03	ng		99
35) Caprolactam	8.49	113	108352	27.56	ng	#	77
36) 4-Chloro-3-methylphenol	8.60	107	490749	37.57	ng		96
37) 2-Methylnaphthalene	8.75	142	1095005	40.32	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	401111	33.22	ng		98
40) Hexachlorocyclopentadiene	8.90	237	443321	60.83	ng		98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012216\
Data File : BF084586.D
Acq On : 22 Jan 2016 13:45
Operator : SJ/IZ
Sample : PB87895BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87895BS

Quant Time: Jan 22 21:59:46 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	310279	34.35	ng		93
43) 2,4,5-Trichlorophenol	9.08	196	332675	38.42	ng		94
45) 1,1'-Biphenyl	9.21	154	1205240	36.11	ng		99
46) 2-Chloronaphthalene	9.23	162	915133	34.91	ng		97
47) 2-Nitroaniline	9.33	65	291332	33.67	ng		98
48) Acenaphthylene	9.65	152	1512670	39.05	ng		98
49) Dimethylphthalate	9.53	163	1169499	38.95	ng	#	91
50) 2,6-Dinitrotoluene	9.58	165	272134	41.33	ng		94
51) Acenaphthene	9.82	154	1027192	39.53	ng		97
52) 3-Nitroaniline	9.74	138	103567	12.69	ng		92
53) 2,4-Dinitrophenol	9.86	184	260102	92.16	ng		92
54) Dibenzofuran	10.00	168	1328139	39.08	ng		93
55) 4-Nitrophenol	9.93	139	385112	65.02	ng	#	80
56) 2,4-Dinitrotoluene	9.98	165	322472	38.69	ng	#	85
57) Fluorene	10.34	166	1076129	41.15	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	257704	34.86	ng		92
59) Diethylphthalate	10.22	149	1169591	39.51	ng		98
60) 4-Chlorophenyl-phenylether	10.33	204	436562	38.65	ng	#	87
61) 4-Nitroaniline	10.36	138	231552	31.83	ng		93
62) Azobenzene	10.49	77	1158383	35.68	ng		87
64) 4,6-Dinitro-2-methylphenol	10.40	198	177089	38.15	ng		75
65) n-Nitrosodiphenylamine	10.45	169	935306	38.49	ng		98
66) 4-Bromophenyl-phenylether	10.82	248	302867	37.02	ng	#	81
67) Hexachlorobenzene	10.89	284	344525	37.42	ng	#	84
68) Atrazine	10.99	200	319403	40.16	ng		93
69) Pentachlorophenol	11.08	266	347639	72.82	ng		98
70) Phenanthrene	11.30	178	1636920	41.17	ng		99
71) Anthracene	11.34	178	1476886	37.90	ng		98
72) Carbazole	11.50	167	1382354	36.28	ng		99
73) Di-n-butylphthalate	11.85	149	1744746	42.46	ng		99
74) Fluoranthene	12.48	202	1496397	36.03	ng		99
76) Benzidine	12.60	184	436028	21.07	ng		98
77) Pyrene	12.71	202	1540206	34.00	ng		98
79) Butylbenzylphthalate	13.33	149	699610	35.69	ng		91
80) Benzo(a)anthracene	13.89	228	1310597	38.67	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	248278	20.99	ng	#	95
82) Chrysene	13.93	228	1064091	32.67	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	901898	36.42	ng		99
84) Di-n-octyl phthalate	14.51	149	1532528	36.66	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.63	276	1040708	40.31	ng		99
87) Benzo(b)fluoranthene	14.93	252	2087931	68.13	ng	#	98
88) Benzo(k)fluoranthene	14.93	252	2088329	83.31	ng		98
89) Benzo(a)pyrene	15.24	252	997951	38.39	ng		100
90) Dibenzo(a,h)anthracene	16.64	278	874505	39.09	ng		97
91) Benzo(g,h,i)perylene	17.03	276	890058	38.42	ng		99

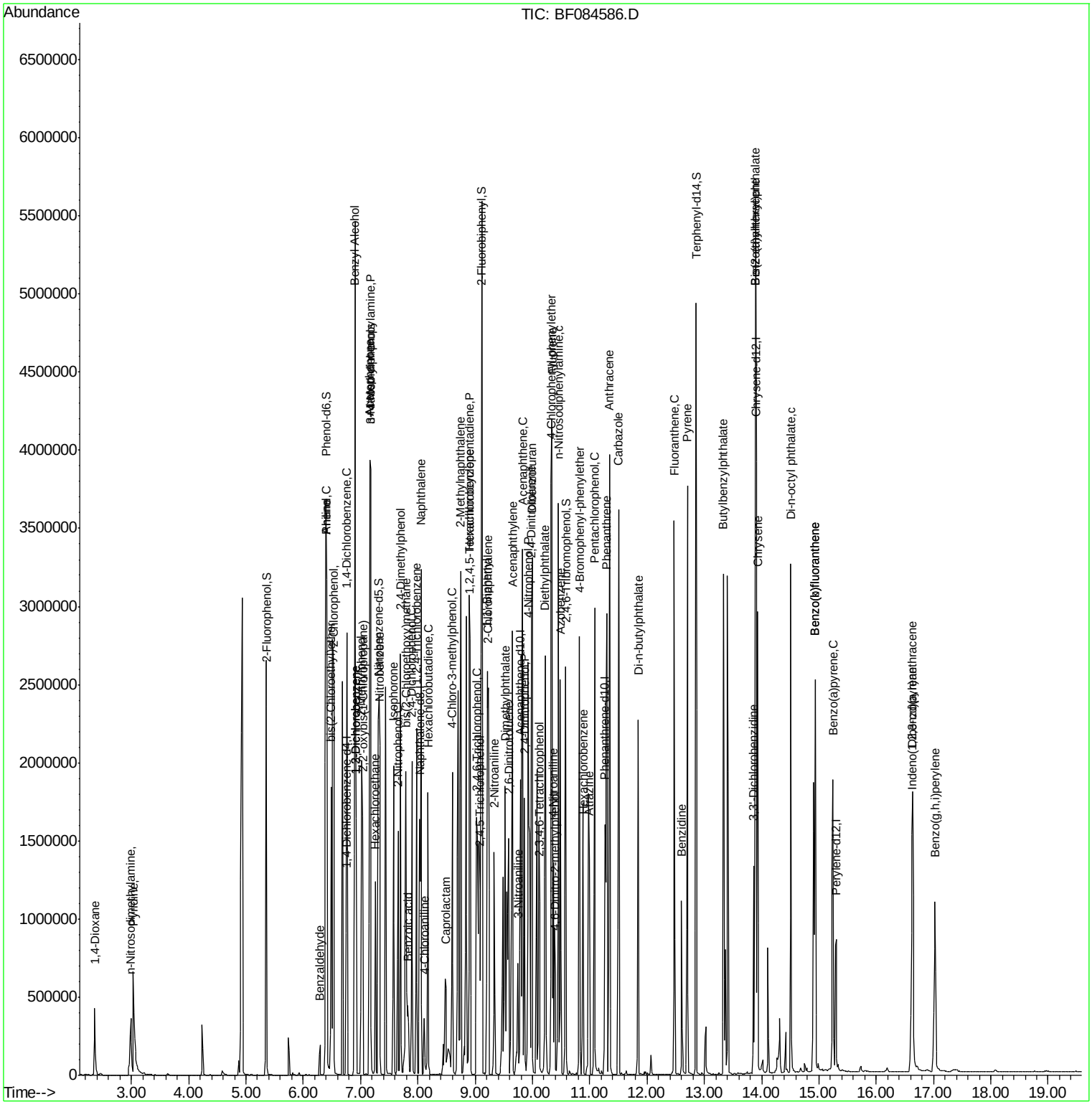
(#) = qualifier out of range (m) = manual integration (+) = signals summed

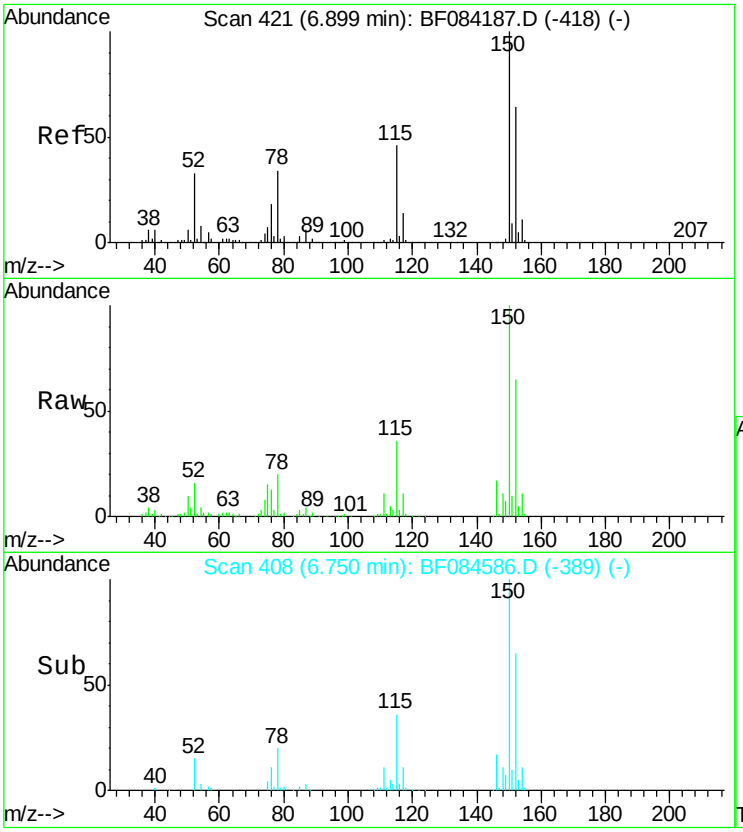
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012216\
Data File : BF084586.D
Acq On : 22 Jan 2016 13:45
Operator : SJ/IZ
Sample : PB87895BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Quant Time: Jan 22 21:59:46 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration



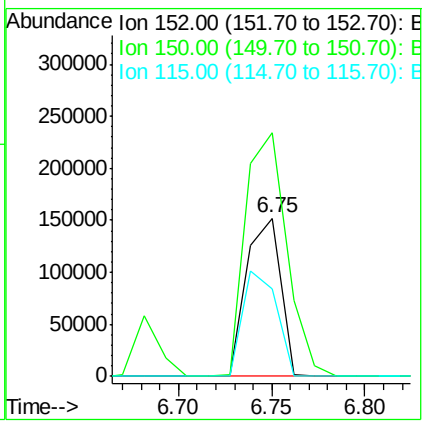


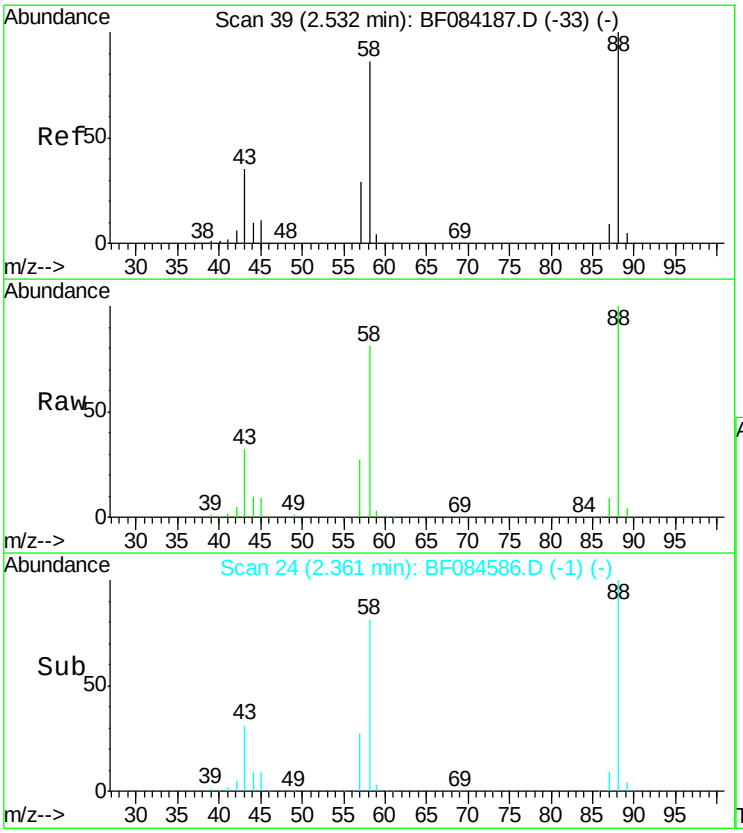
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion:152 Resp: 192514

Ion	Ratio	Lower	Upper
152	100		
150	153.8	123.0	184.4
115	55.3	51.4	77.2

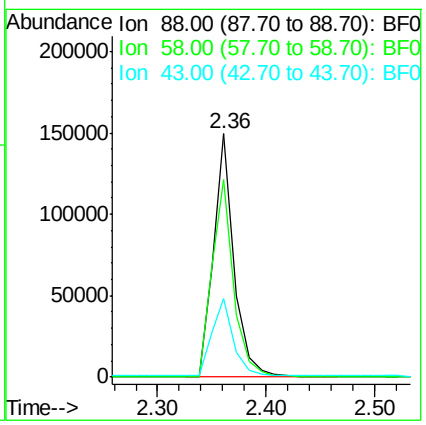


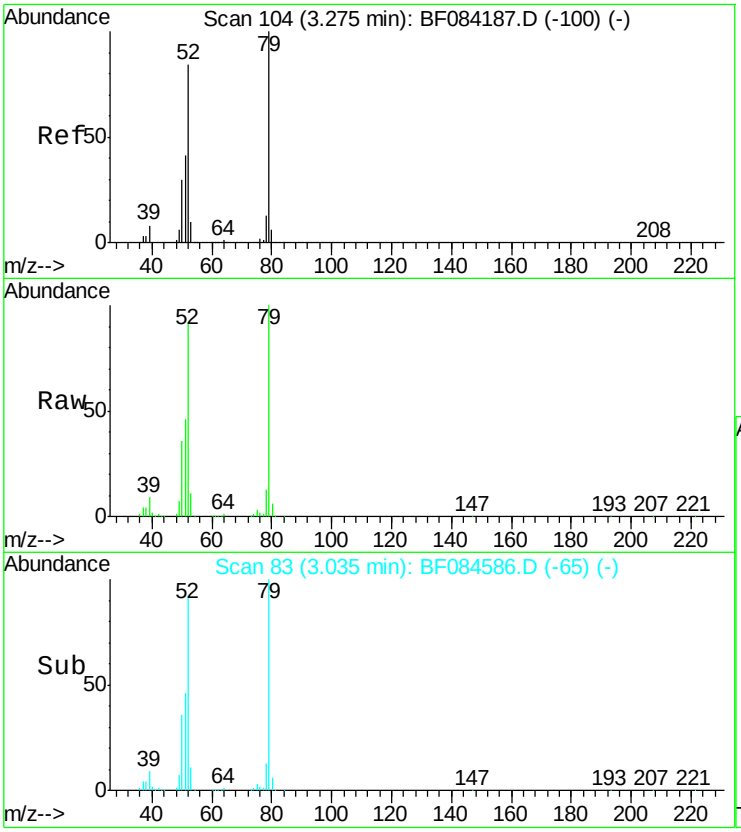


#2
1,4-Dioxane
Concen: 34.94 ng
RT: 2.36 min Scan# 24
Delta R.T. -0.03 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion: 88 Resp: 197025

Ion	Ratio	Lower	Upper
88	100		
58	85.5	51.2	76.8#
43	33.2	19.5	29.3#



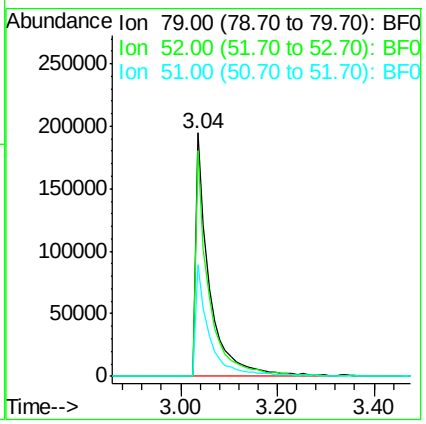


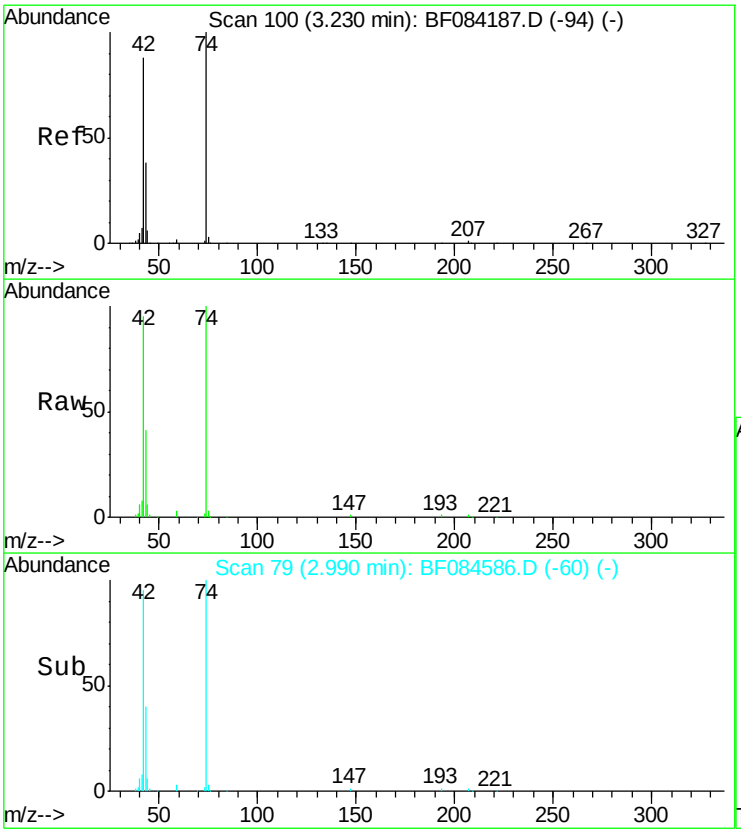
#3
Pyridine
Concen: 24.52 ng
RT: 3.04 min Scan# 83
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion: 79 Resp: 385470

Ion	Ratio	Lower	Upper
79	100		
52	92.5	49.0	73.4#
51	46.1	25.2	37.8#

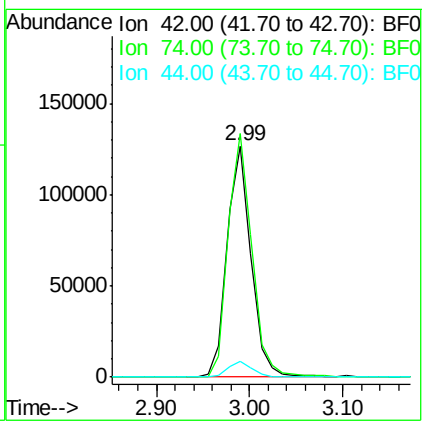


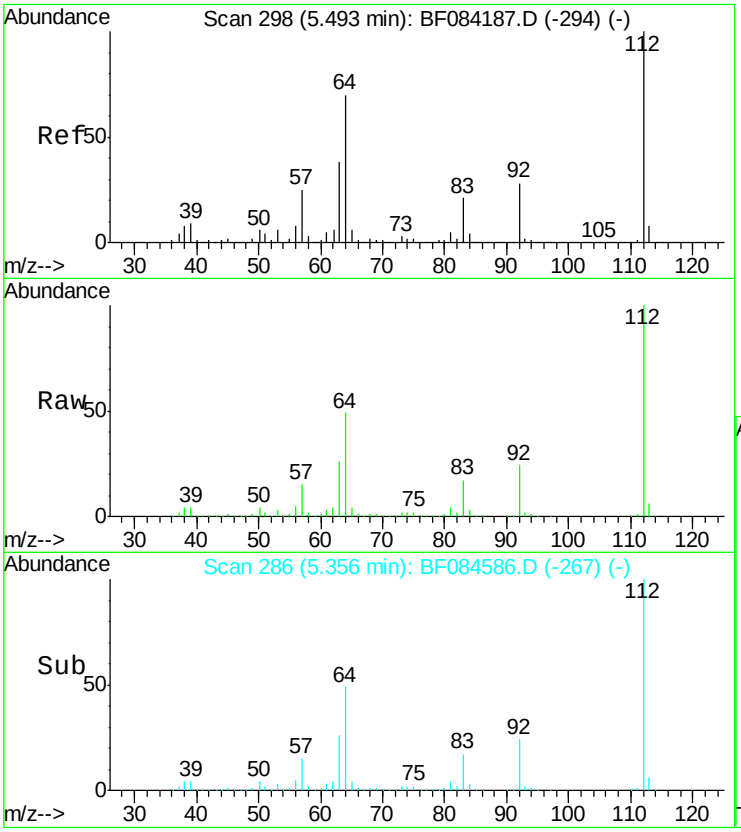


#4
n-Nitrosodimethylamine
Concen: 28.06 ng
RT: 2.99 min Scan# 79
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion: 42 Resp: 226420

Ion	Ratio	Lower	Upper
42	100		
74	105.2	115.7	173.5#
44	6.6	5.1	7.7



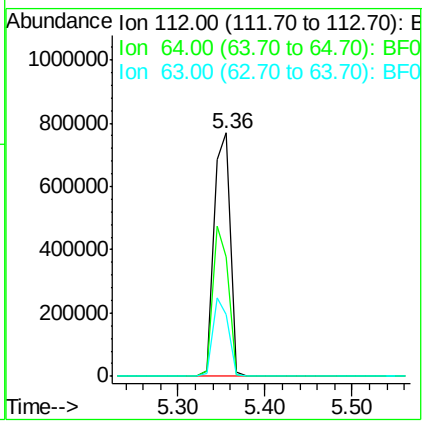


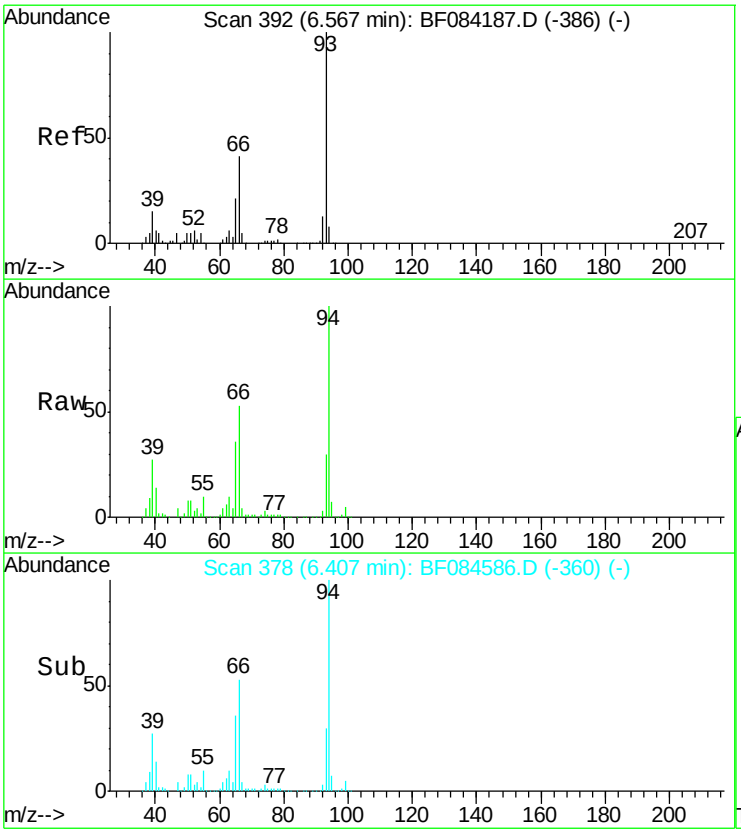
#5
2-Fluorophenol
Concen: 86.02 ng
RT: 5.36 min Scan# 286
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion:112 Resp: 1023826

Ion	Ratio	Lower	Upper
112	100		
64	49.2	36.6	55.0
63	25.7	19.4	29.0

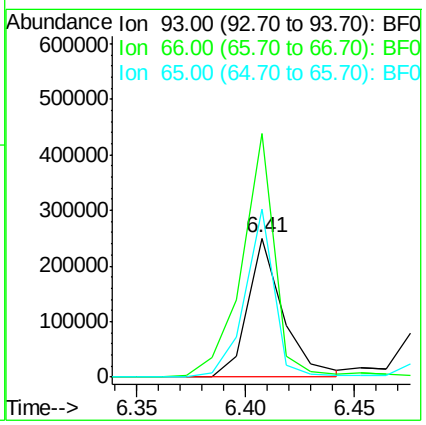


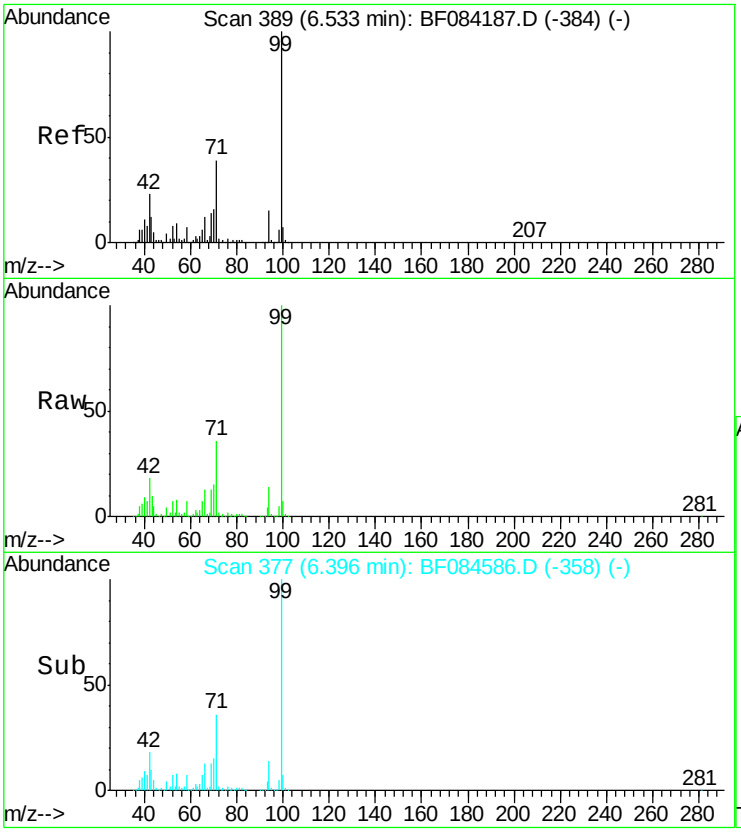


#6
Aniline
Concen: 13.08 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion: 93 Resp: 286128

Ion	Ratio	Lower	Upper
93	100		
66	175.4	44.9	67.3#
65	121.2	23.7	35.5#



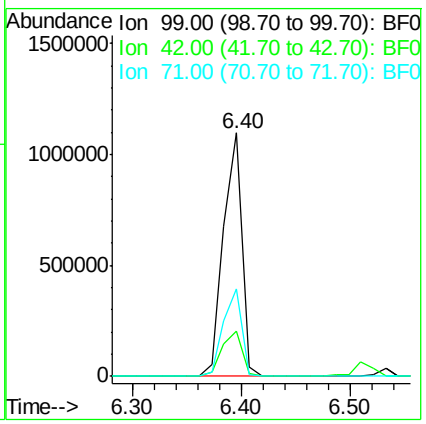


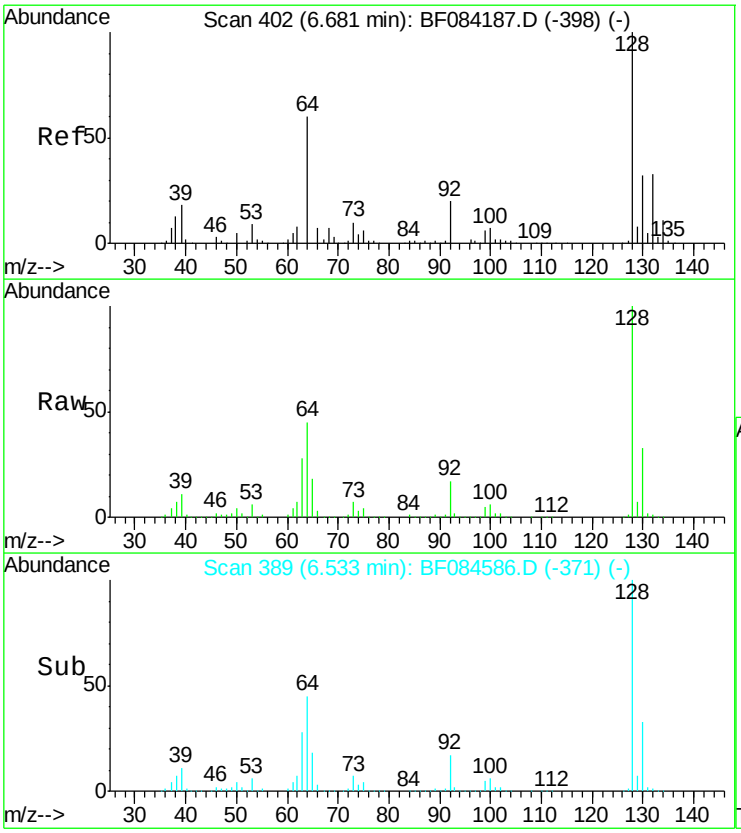
#7
Phenol-d6
Concen: 85.91 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion: 99 Resp: 1284134

Ion	Ratio	Lower	Upper
99	100		
42	18.5	12.8	19.2
71	35.7	30.9	46.3

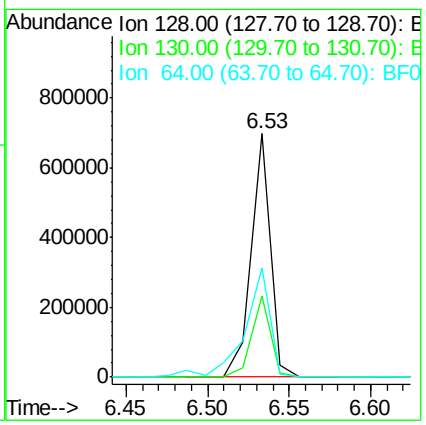


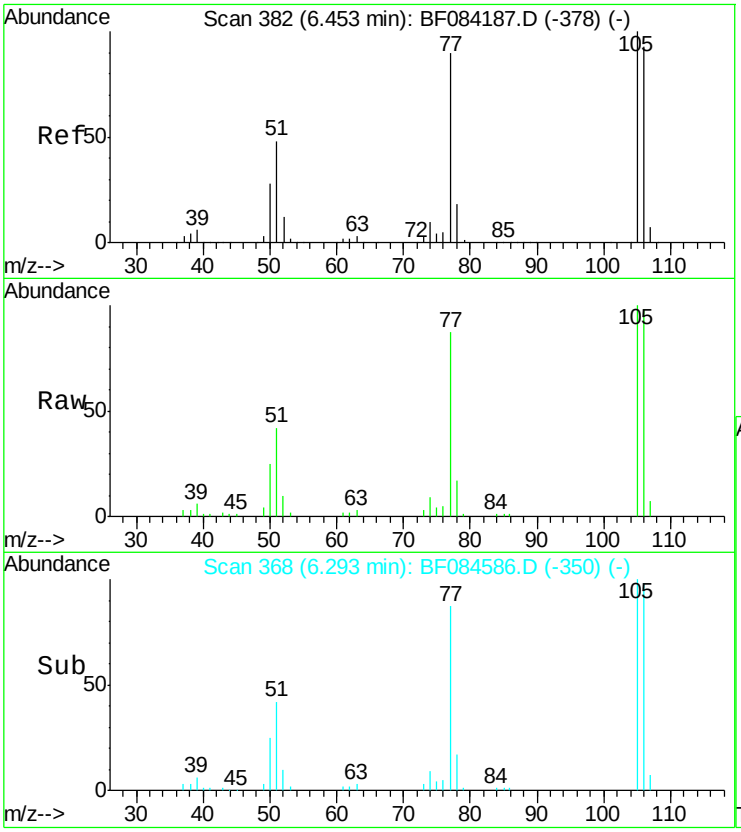


#8
2-Chlorophenol
Concen: 42.26 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:128 Resp: 570621

Ion	Ratio	Lower	Upper
128	100		
130	33.1	11.6	51.6
64	44.8	23.8	63.8



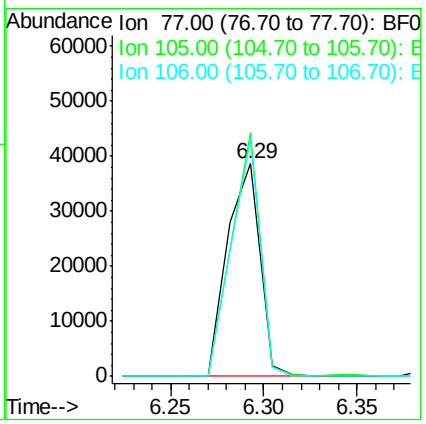


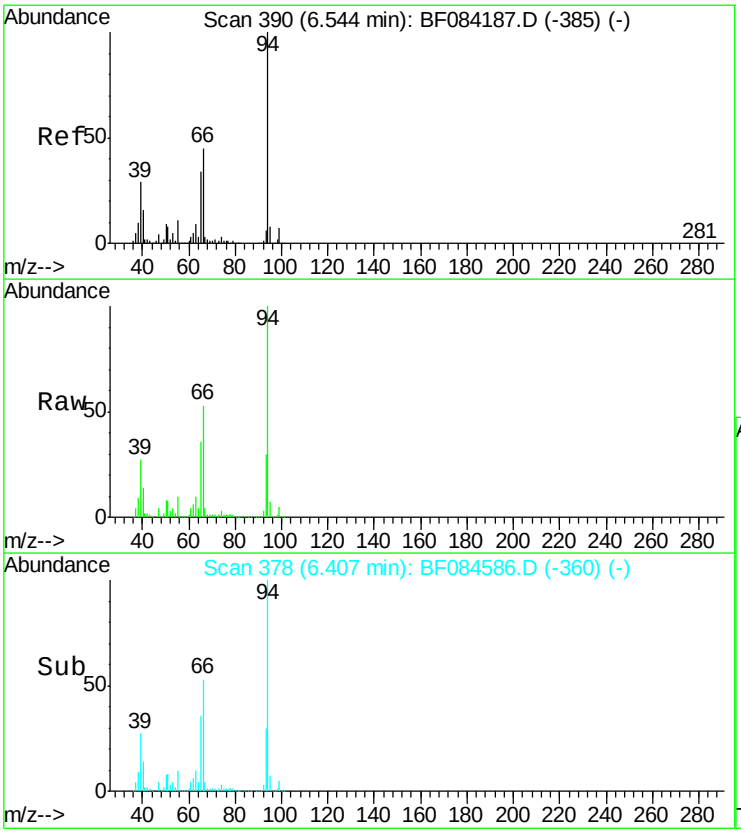
#9
Benzaldehyde
Concen: 4.86 ng
RT: 6.29 min Scan# 368
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion: 77 Resp: 47257

Ion	Ratio	Lower	Upper
77	100		
105	114.4	83.0	123.0
106	111.6	74.6	114.6

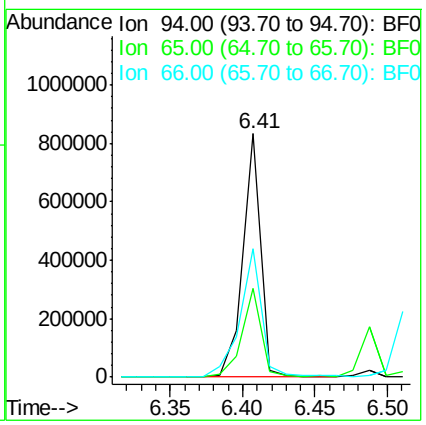


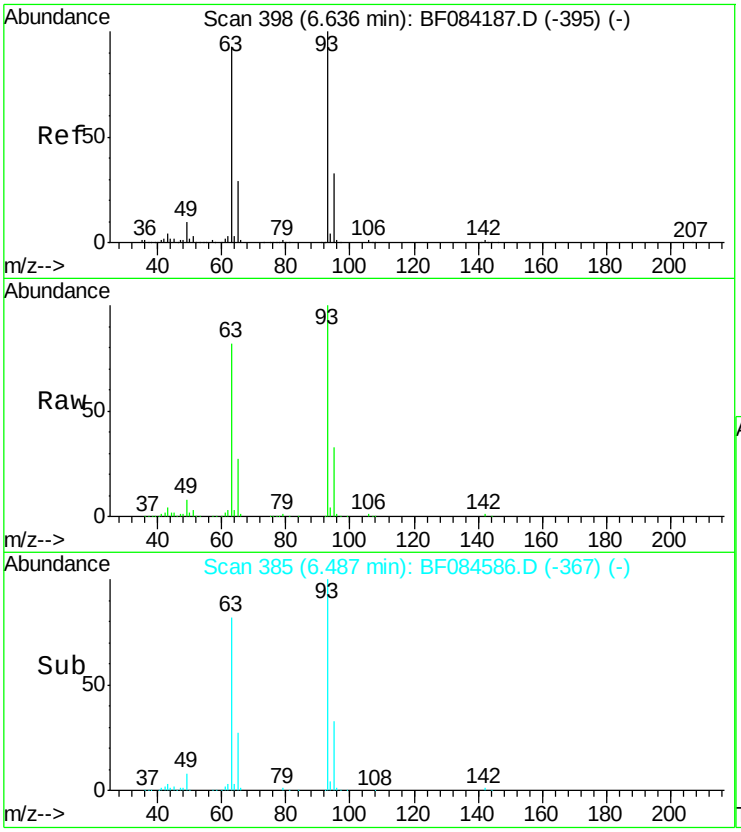


#10
Phenol
Concen: 41.56 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion: 94 Resp: 706344

Ion	Ratio	Lower	Upper
94	100		
65	36.3	12.9	52.9
66	52.5	32.7	72.7



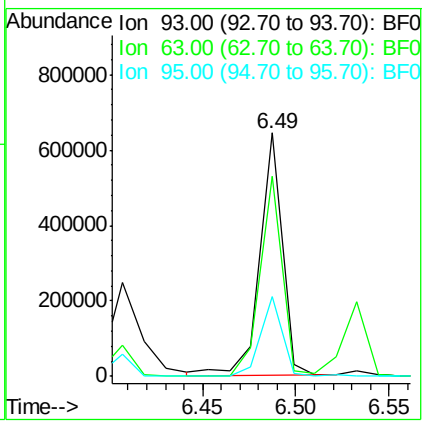


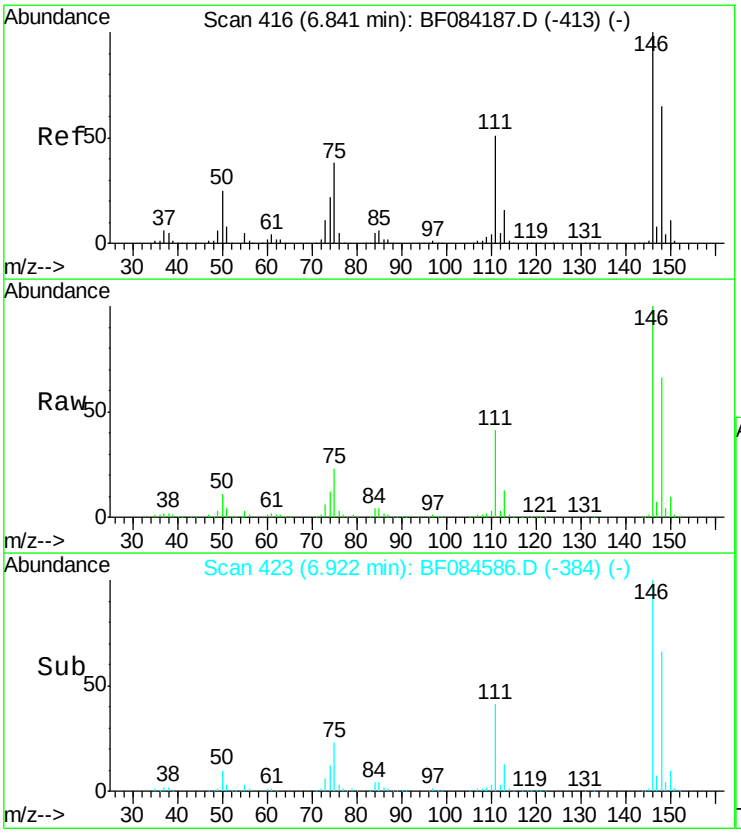
#11
bis(2-Chloroethyl)ether
Concen: 39.93 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion: 93 Resp: 525749

Ion	Ratio	Lower	Upper
93	100		
63	82.4	45.9	85.9
95	32.9	12.3	52.3

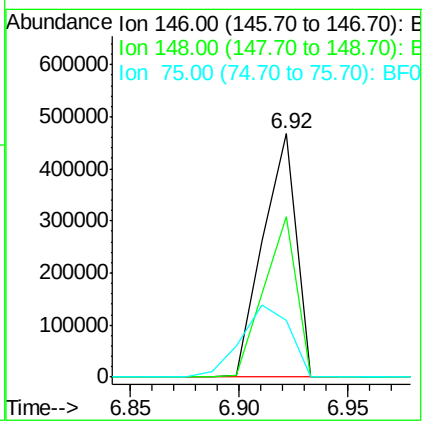


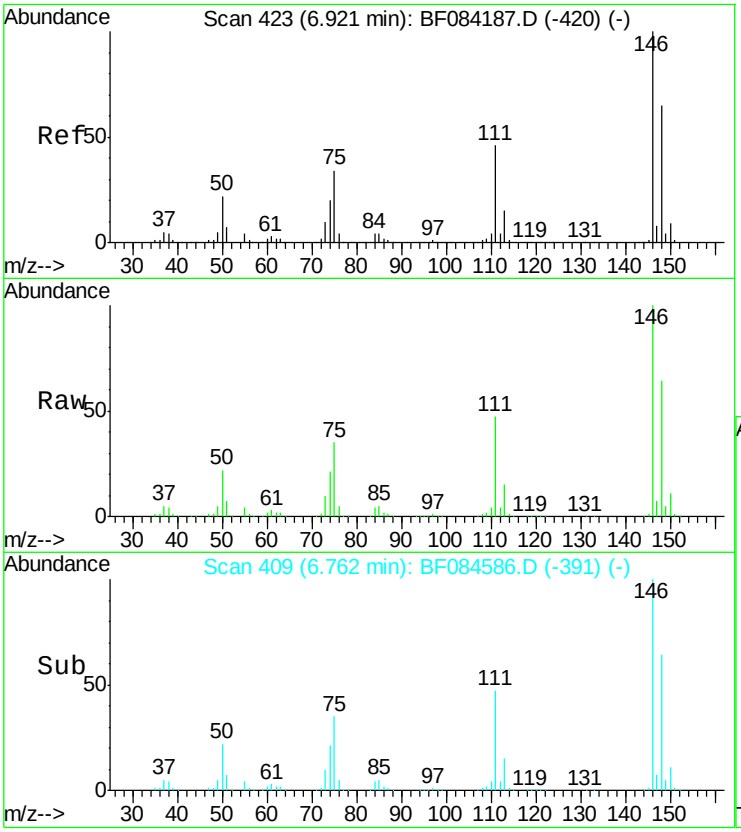


#12
1,3-Dichlorobenzene
Concen: 36.13 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.15 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:146 Resp: 503255

Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.9	77.9
75	23.1	20.5	30.7



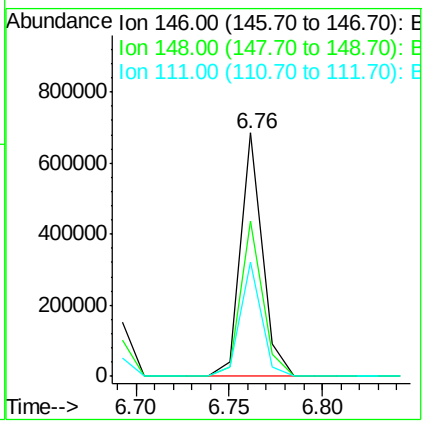


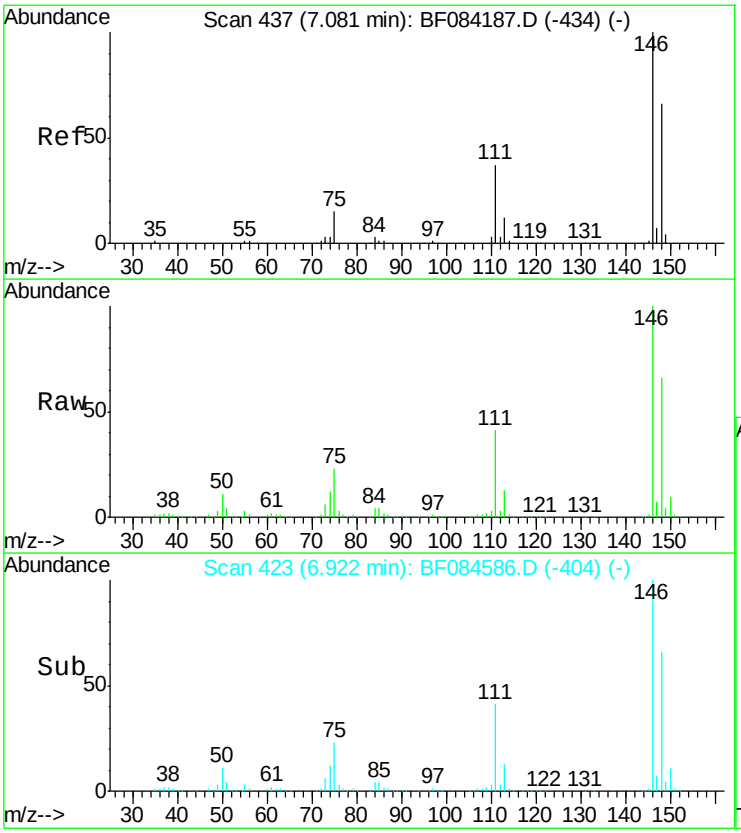
#13
1,4-Dichlorobenzene
Concen: 40.01 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion:146 Resp: 558935

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.9	77.9
111	46.9	41.6	62.4

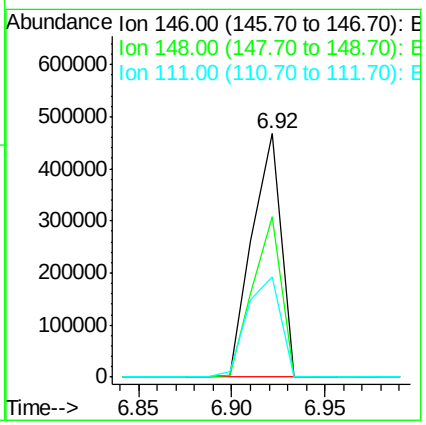


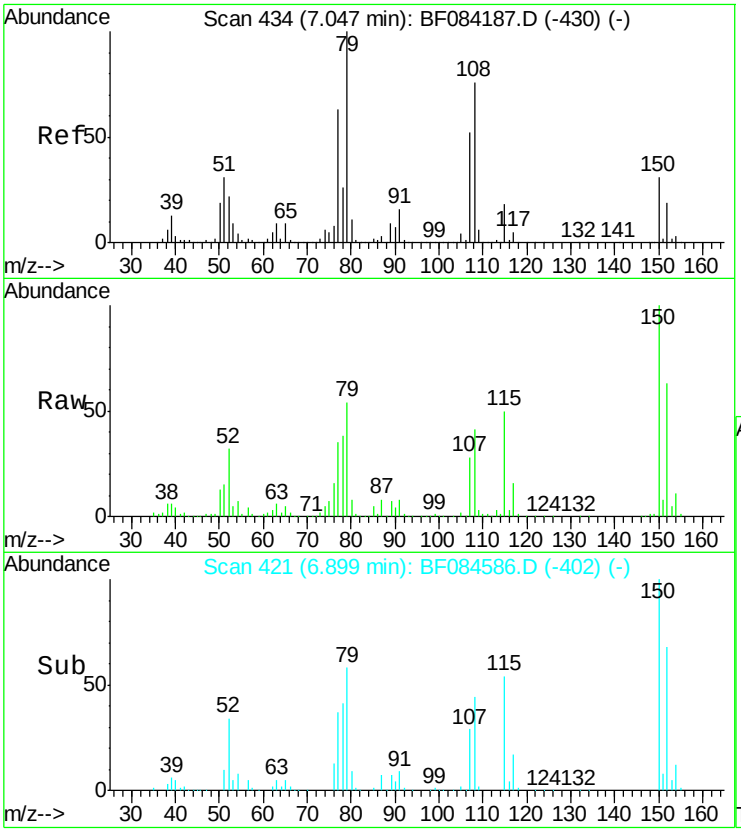


#14
1,2-Dichlorobenzene
Concen: 37.62 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:146 Resp: 503290

Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.6	77.4
111	41.0	38.0	57.0



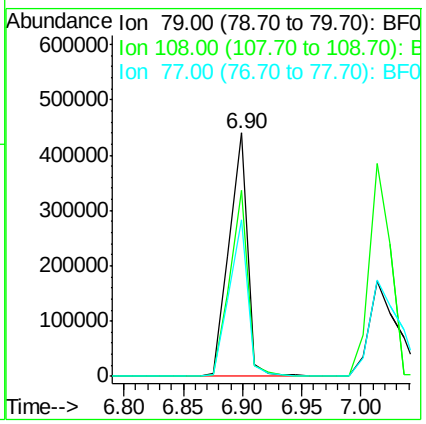


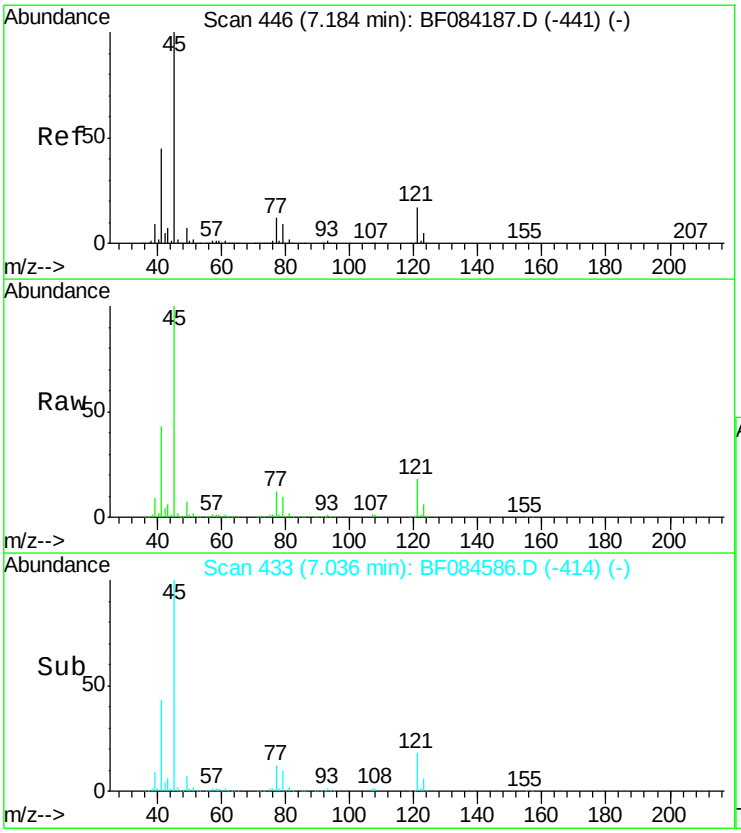
#15
Benzyl Alcohol
Concen: 38.07 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion: 79 Resp: 478763

Ion	Ratio	Lower	Upper
79	100		
108	76.2	69.0	103.4
77	64.1	50.0	75.0

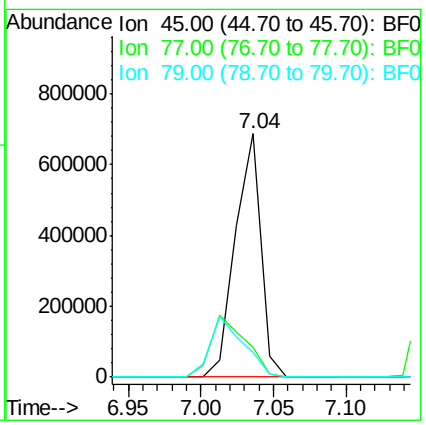


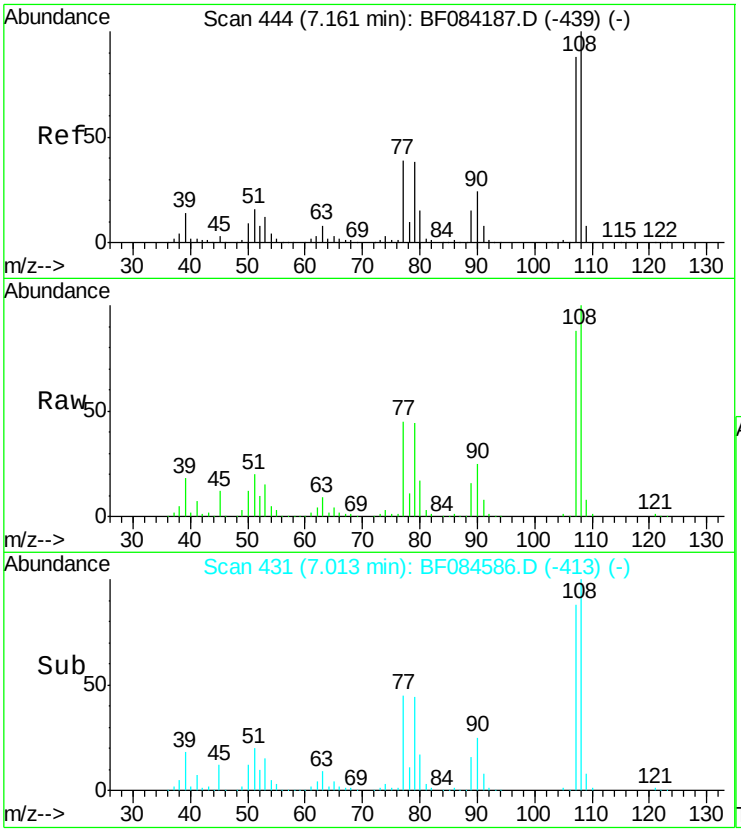


#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.97 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion: 45 Resp: 838410

Ion	Ratio	Lower	Upper
45	100		
77	12.2	0.0	39.6
79	10.2	0.0	35.0



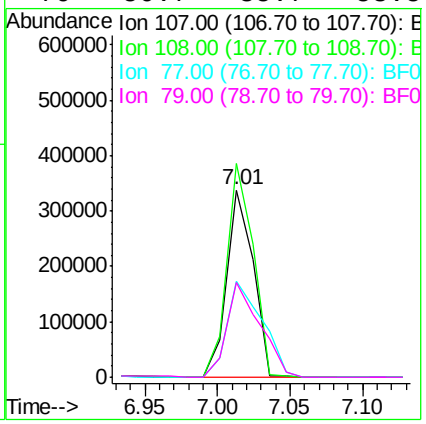


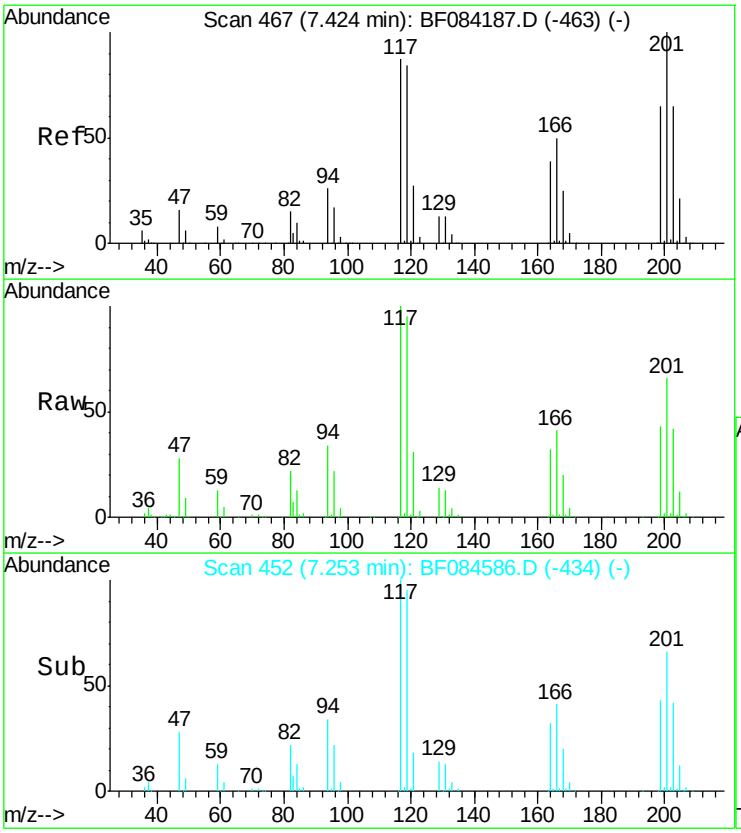
#17
2-Methylphenol
Concen: 37.99 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion:107 Resp: 429908

Ion	Ratio	Lower	Upper
107	100		
108	114.0	89.8	134.6
77	51.5	35.7	53.5
79	50.7	35.7	53.5

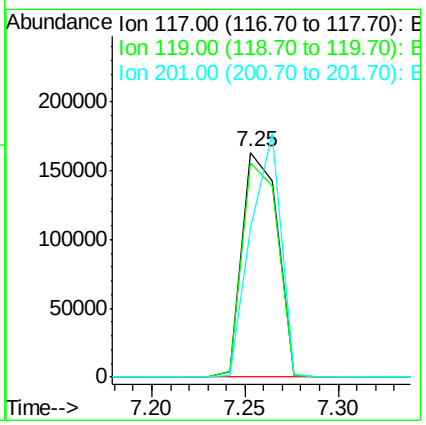


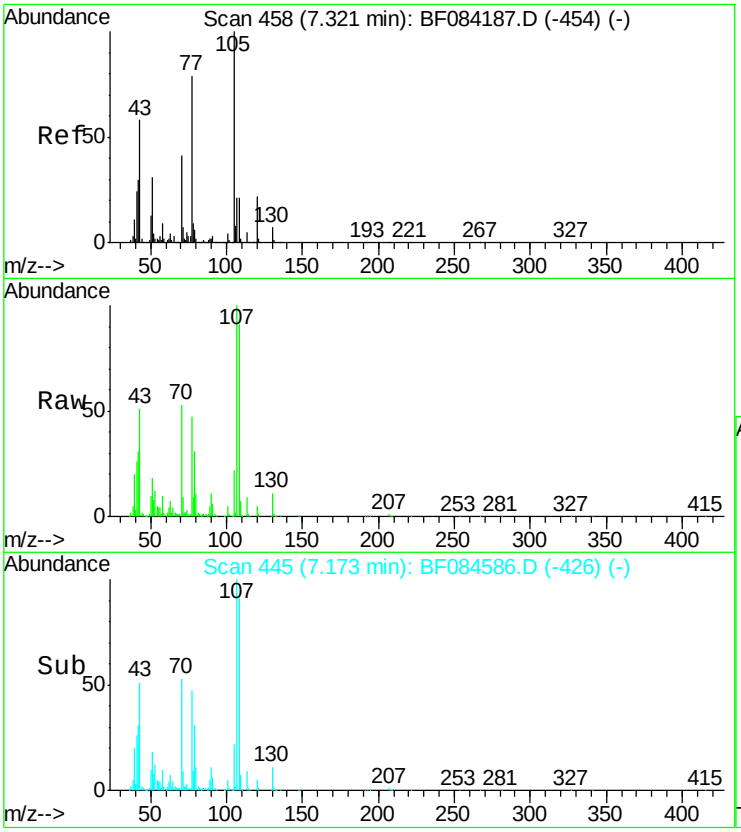


#18
Hexachloroethane
Concen: 38.19 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:117 Resp: 213327

Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.4	116.0
201	66.1	68.6	103.0#



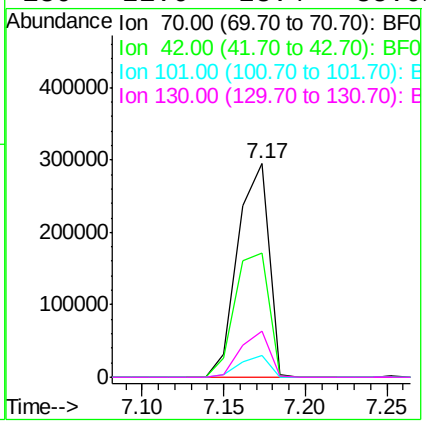


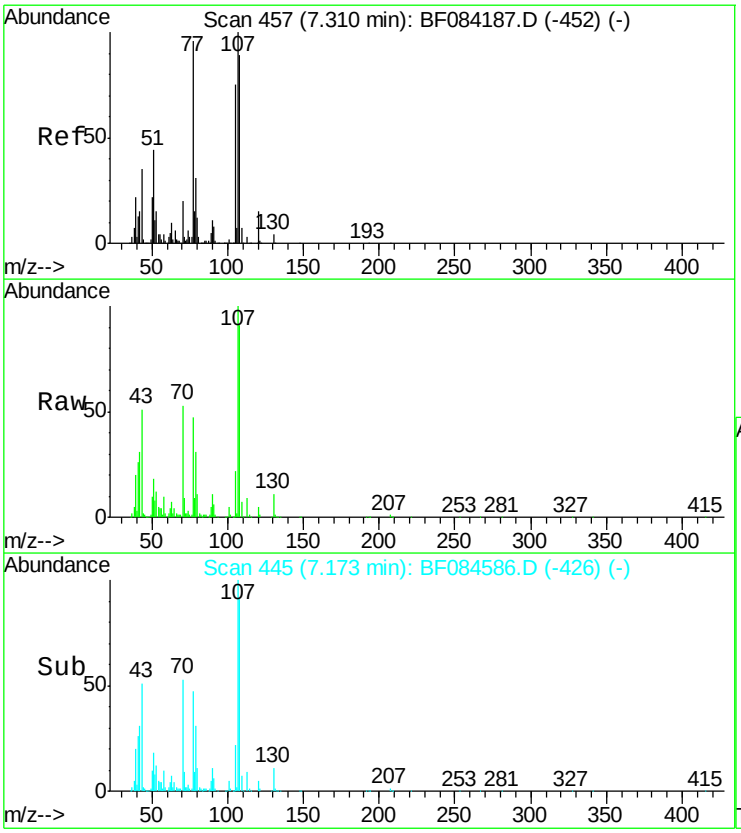
#19
n-Nitroso-di-n-propylamine
Concen: 38.48 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion: 70 Resp: 389385

Ion	Ratio	Lower	Upper
70	100		
42	58.4	33.3	49.9#
101	10.0	9.3	13.9
130	21.6	23.4	35.0#

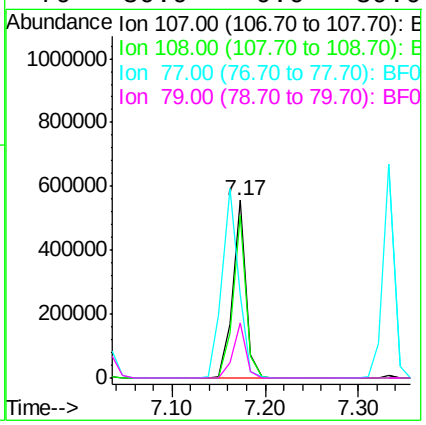


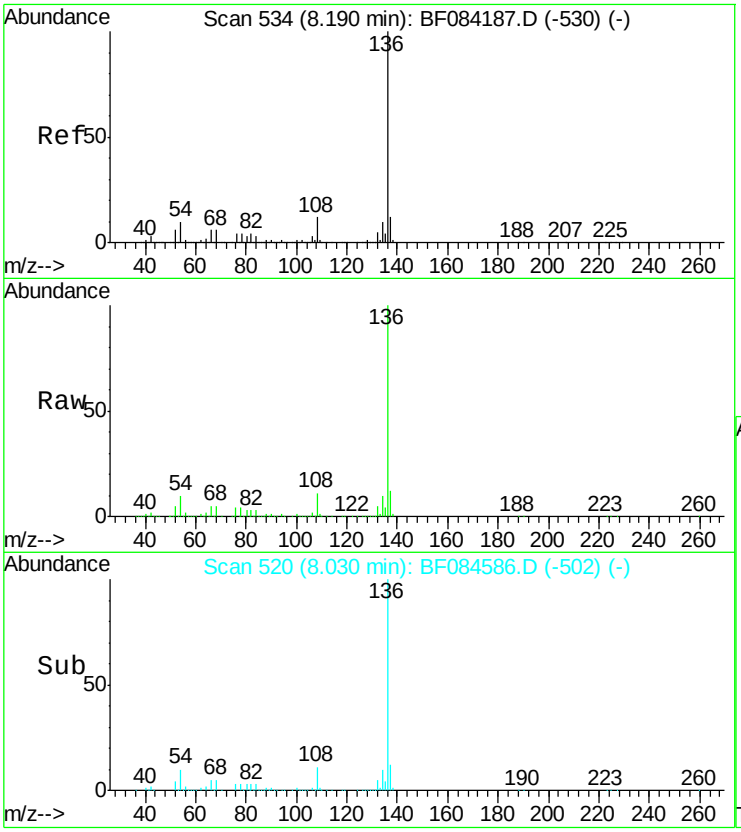


#20
3+4-Methylphenols
Concen: 41.64 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:107 Resp: 553902

Ion	Ratio	Lower	Upper
107	100		
108	91.5	74.6	114.6
77	46.9	0.7	40.7#
79	30.9	0.0	39.0



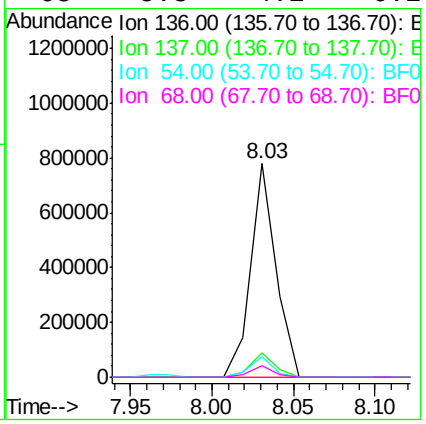


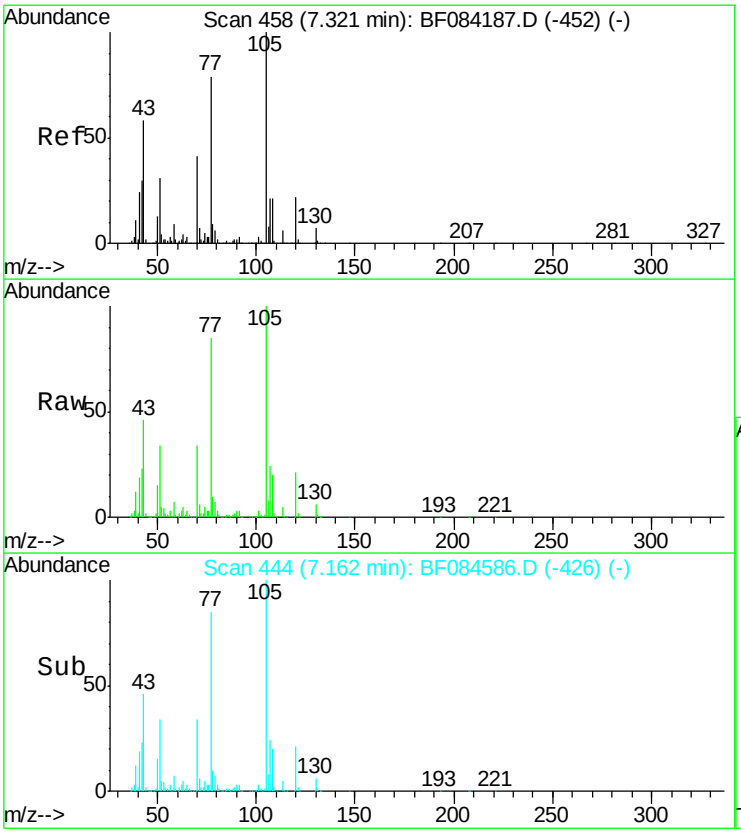
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion:136 Resp: 833953

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	9.5	5.8	8.8#
68	5.3	4.2	6.2

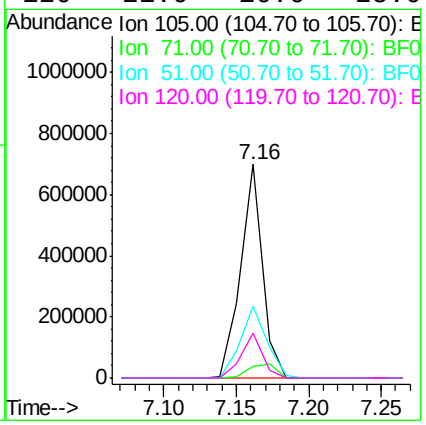


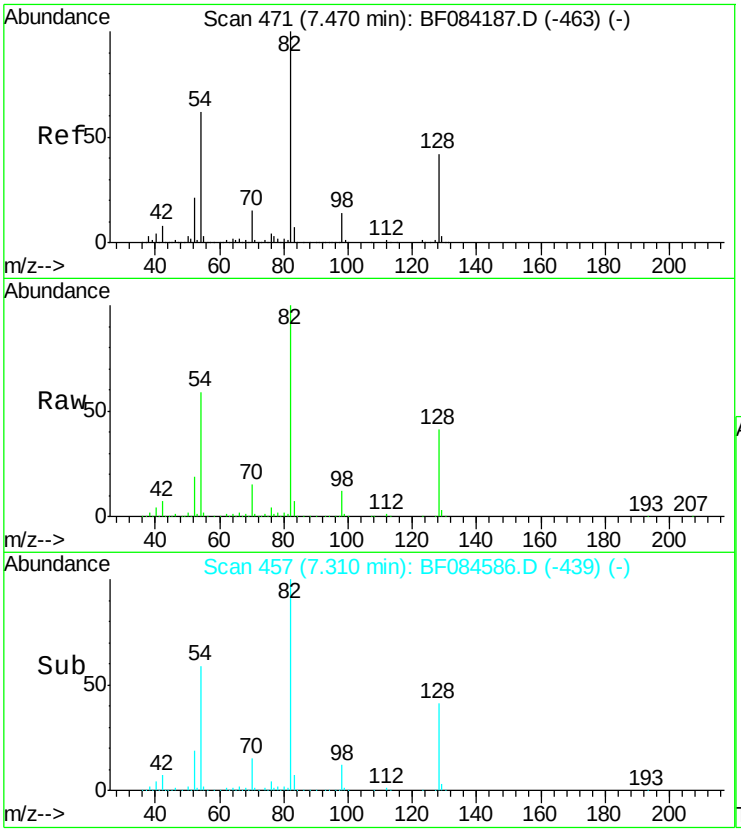


#22
Acetophenone
Concen: 36.54 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:105 Resp: 732661

Ion	Ratio	Lower	Upper
105	100		
71	5.6	3.7	5.5#
51	33.8	25.1	37.7
120	21.0	16.6	25.0



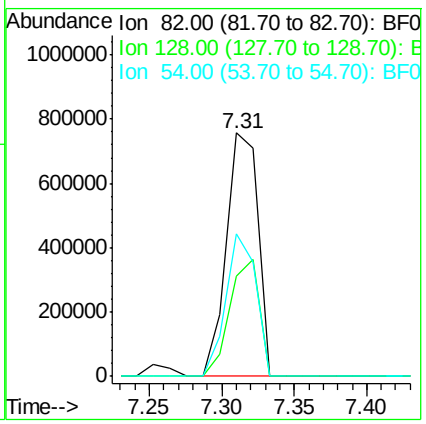


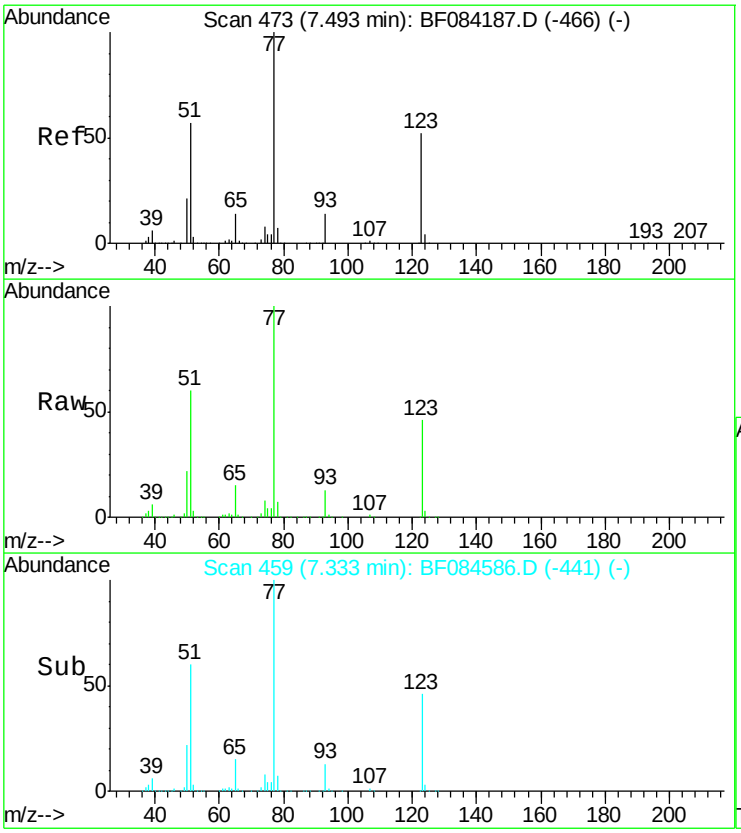
#23
Nitrobenzene-d5
Concen: 76.18 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion: 82 Resp: 1141520

Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.6	51.8
54	58.7	38.4	57.6#

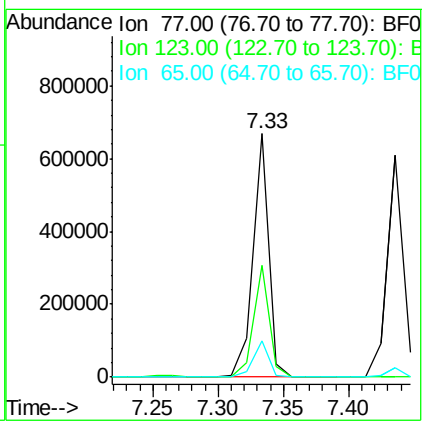


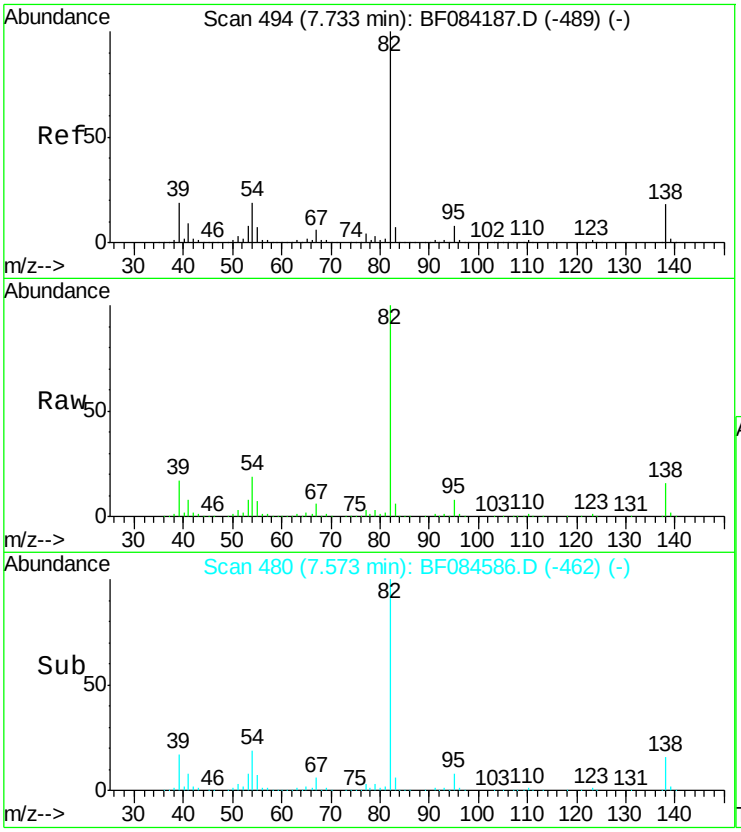


#24
Nitrobenzene
Concen: 36.94 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion: 77 Resp: 561427

Ion	Ratio	Lower	Upper
77	100		
123	46.0	37.4	56.2
65	14.7	10.9	16.3



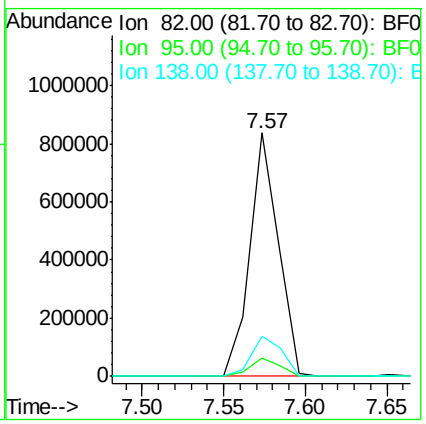


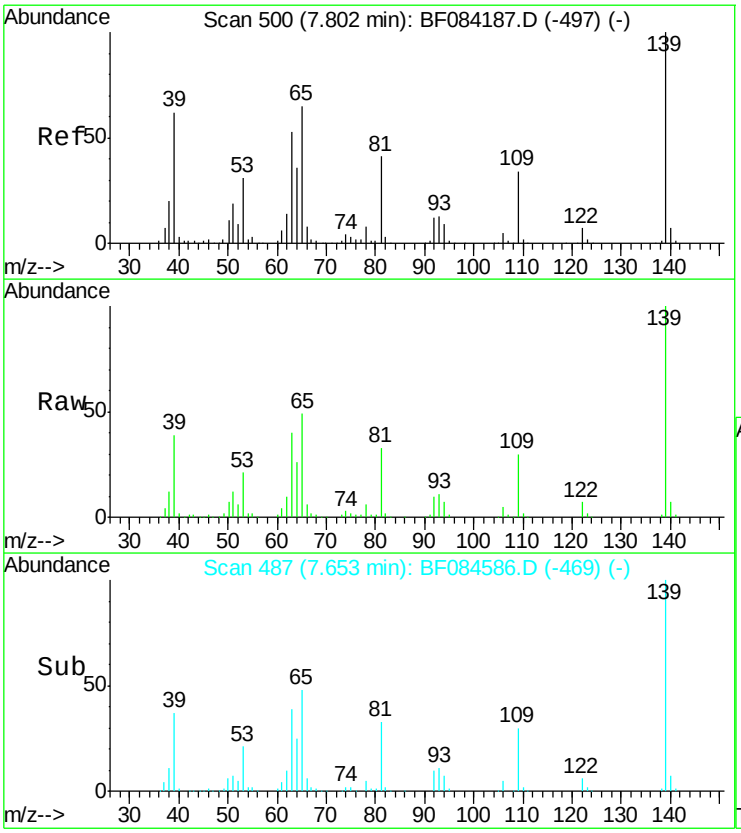
#25
Isophorone
Concen: 35.38 ng
RT: 7.57 min Scan# 480
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion: 82 Resp: 1013938

Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.6	10.0
138	16.4	13.6	20.4

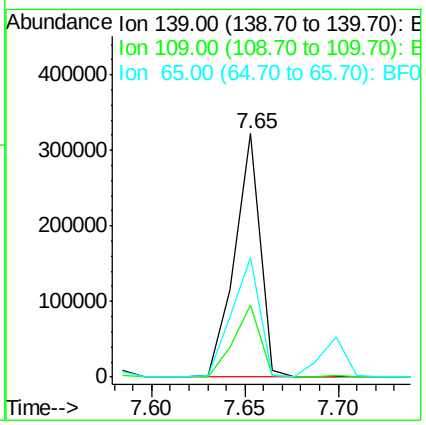


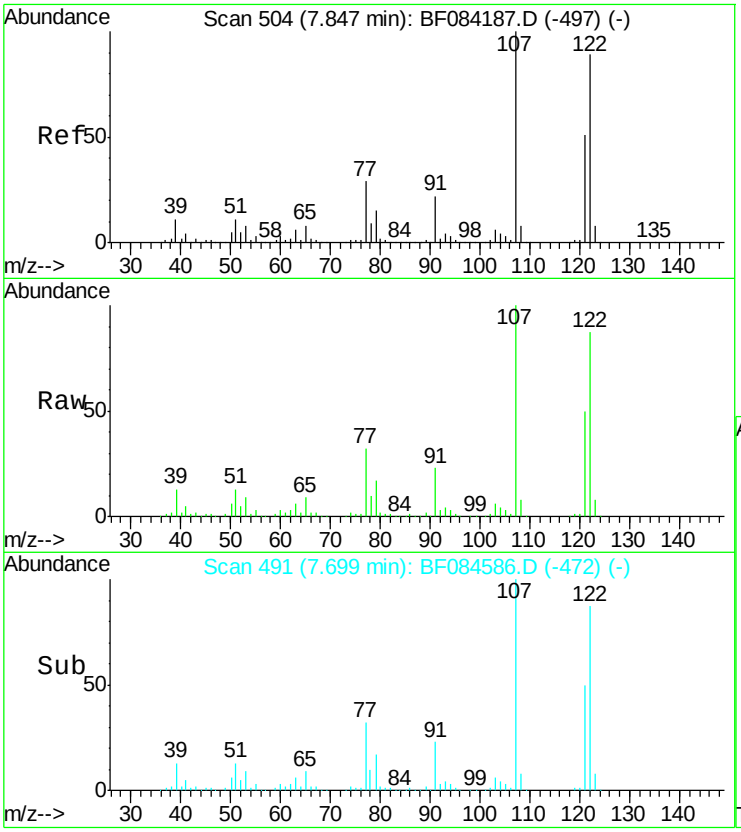


#26
2-Nitrophenol
Concen: 44.56 ng
RT: 7.65 min Scan# 487
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:139 Resp: 308186

Ion	Ratio	Lower	Upper
139	100		
109	29.7	25.4	38.2
65	48.9	32.3	48.5#



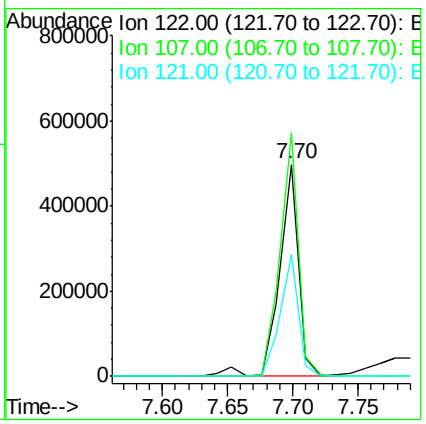


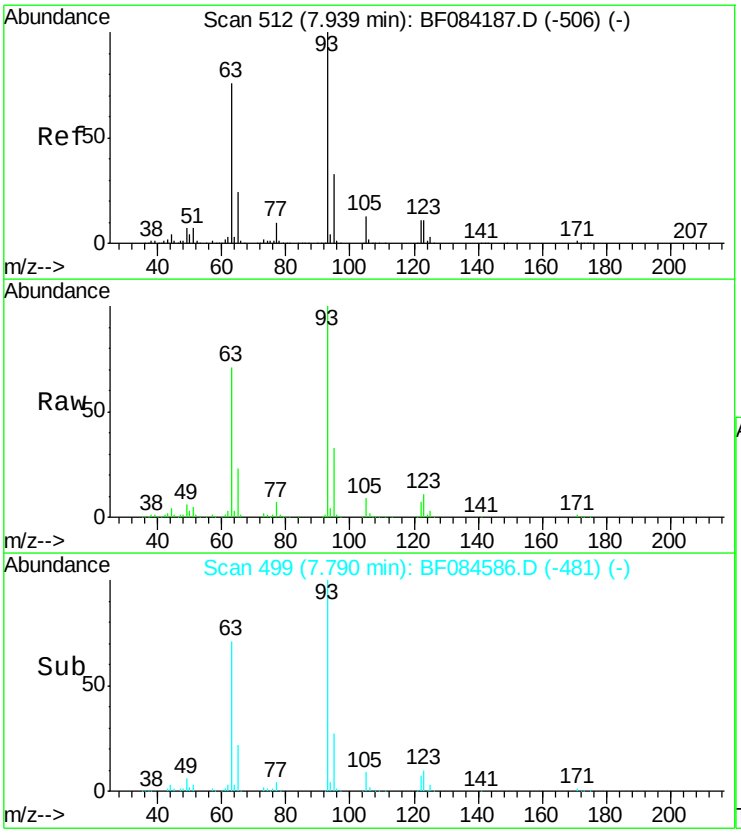
#27
2,4-Dimethylphenol
Concen: 36.79 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion:122 Resp: 515026

Ion	Ratio	Lower	Upper
122	100		
107	114.8	99.1	148.7
121	57.5	47.9	71.9

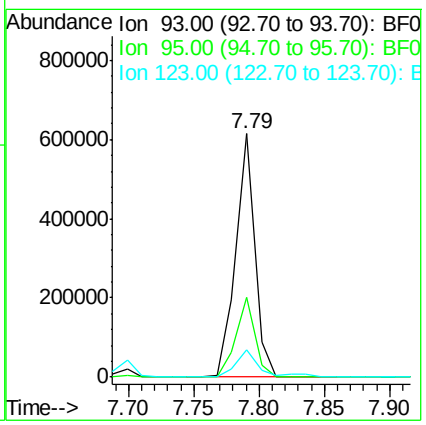


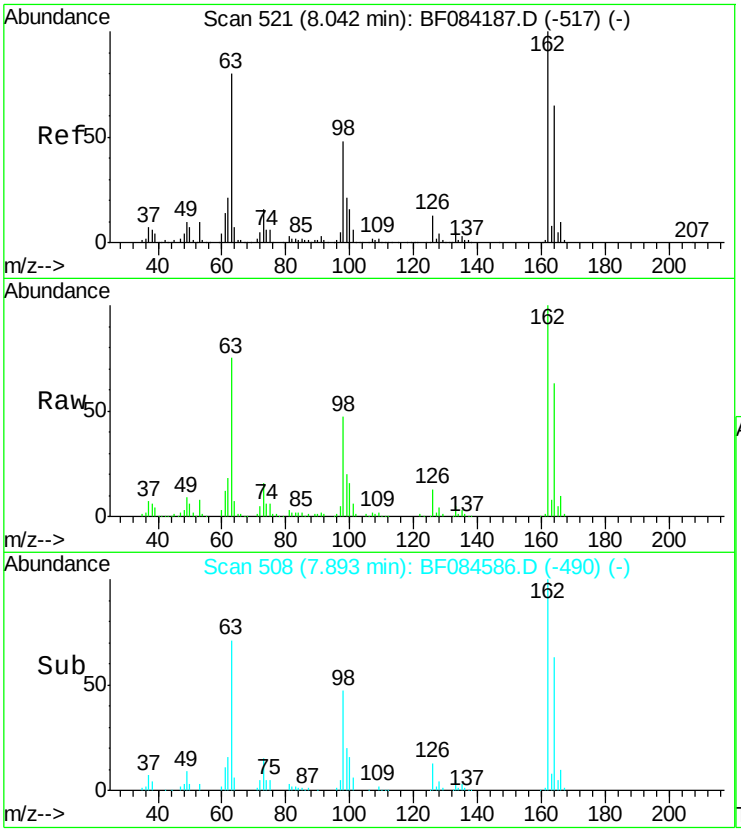


#28
bis(2-Chloroethoxy)methane
Concen: 35.48 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion: 93 Resp: 621023

Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.8	38.6
123	11.3	8.6	12.8



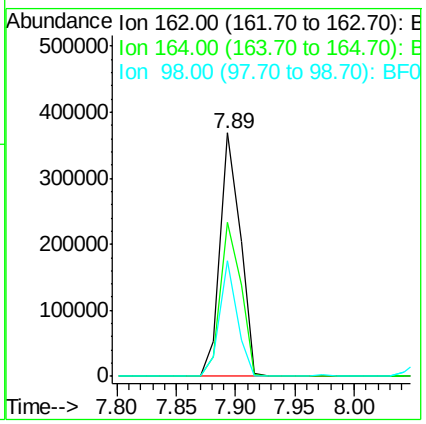


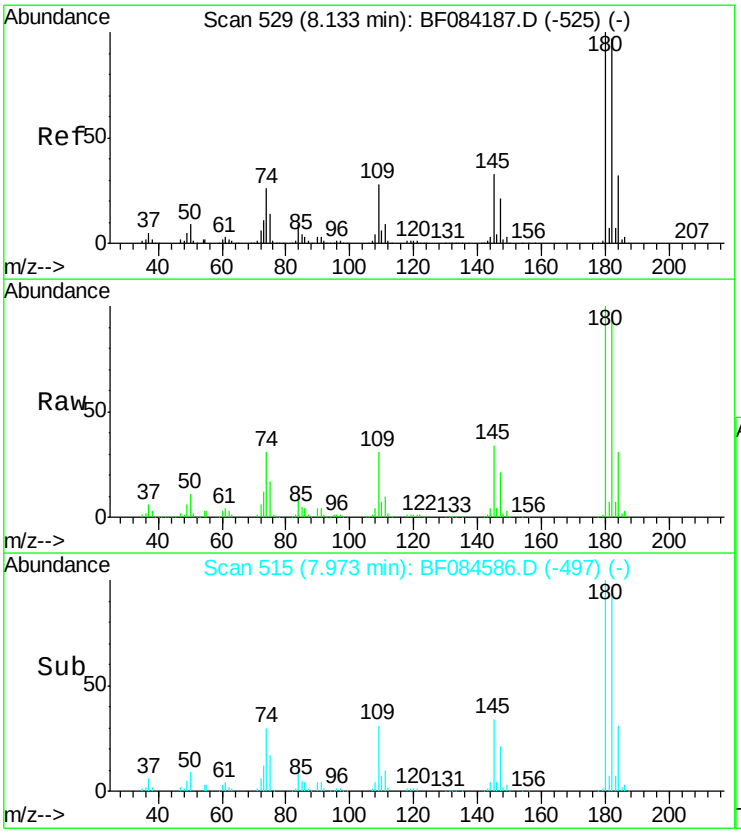
#29
2,4-Dichlorophenol
Concen: 37.23 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion:162 Resp: 434146

Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.1	84.1
98	47.4	20.2	60.2

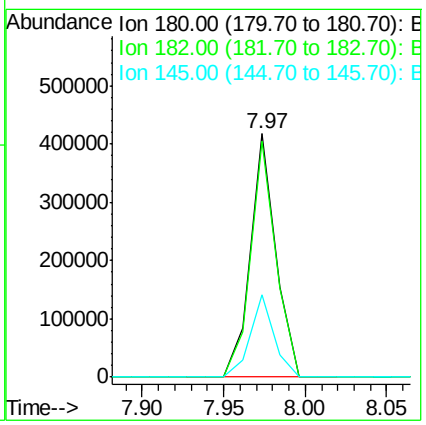


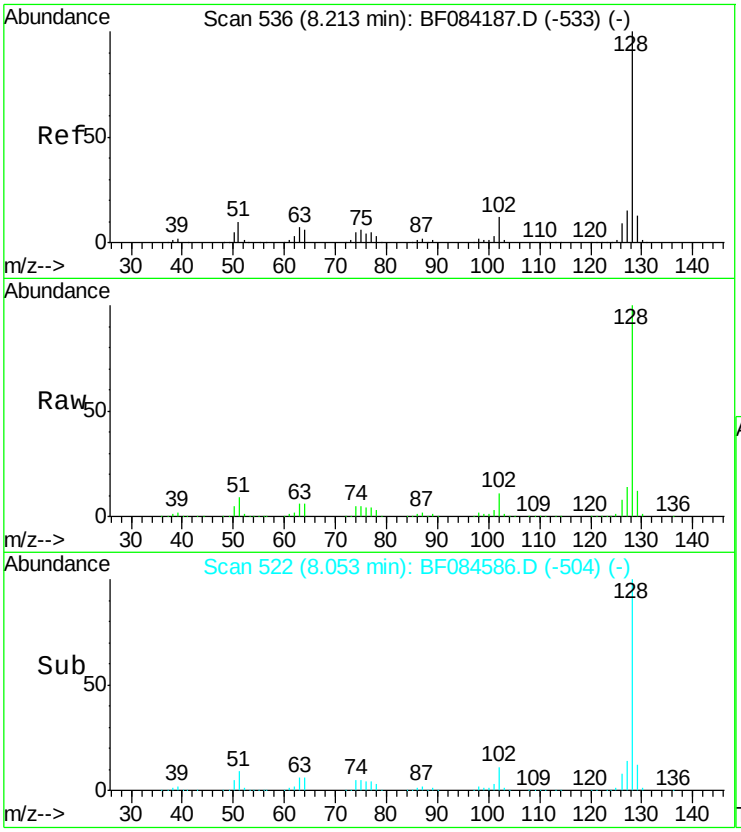


#30
1,2,4-Trichlorobenzene
Concen: 37.38 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:180 Resp: 450045

Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.4	114.6
145	33.8	31.6	47.4



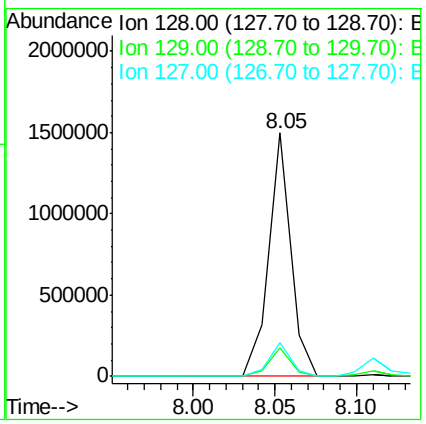


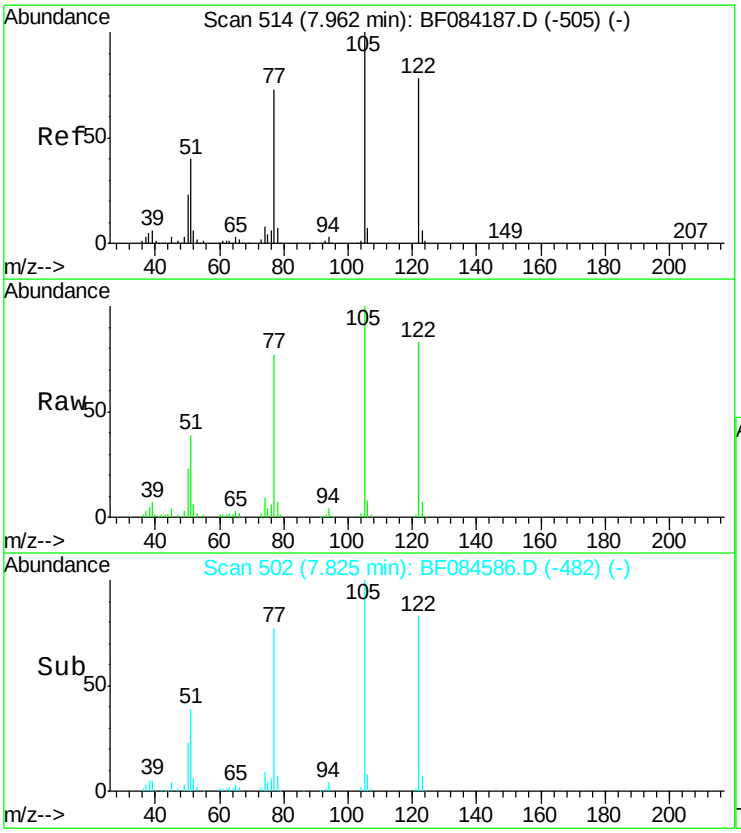
#31
Naphthalene
Concen: 37.64 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion:128 Resp: 1423978

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.1	13.7
127	13.8	11.1	16.7

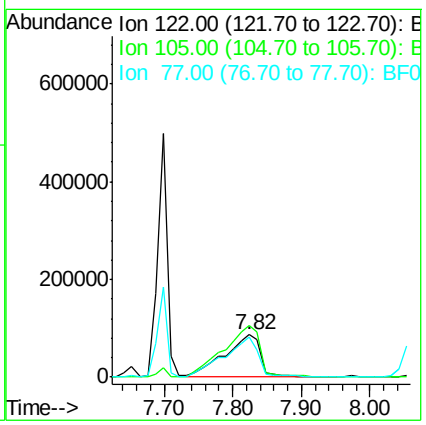


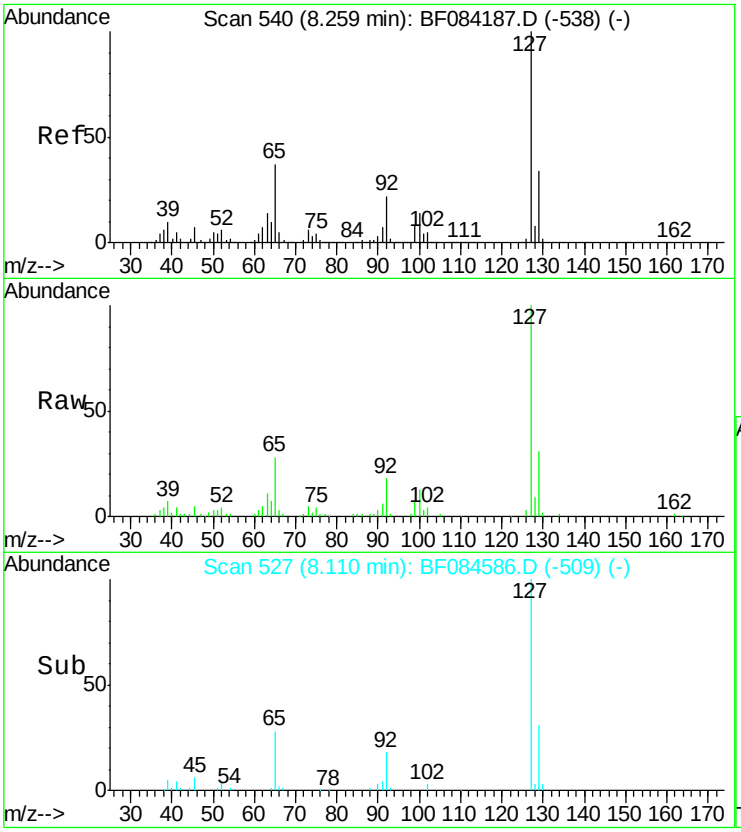


#32
Benzoic acid
Concen: 36.31 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.07 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:122 Resp: 311256

Ion	Ratio	Lower	Upper
122	100		
105	120.0	100.3	140.3
77	92.9	63.5	103.5



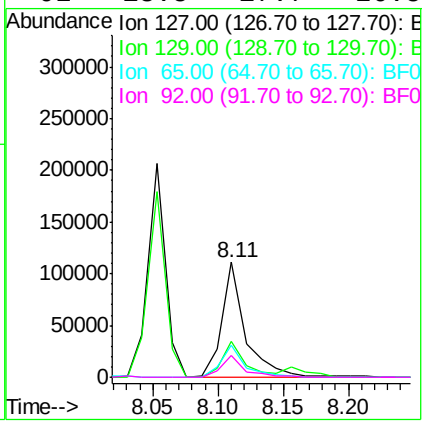


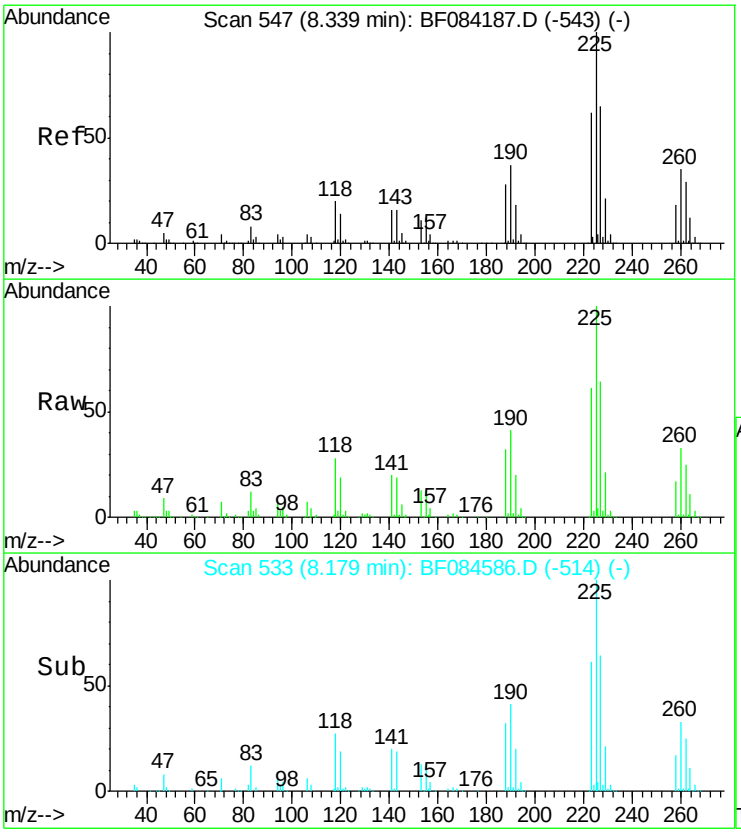
#33
4-Chloroaniline
Concen: 7.95 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion:127 Resp: 137982

Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.5	39.7
65	28.1	27.2	40.8
92	18.5	17.7	26.5

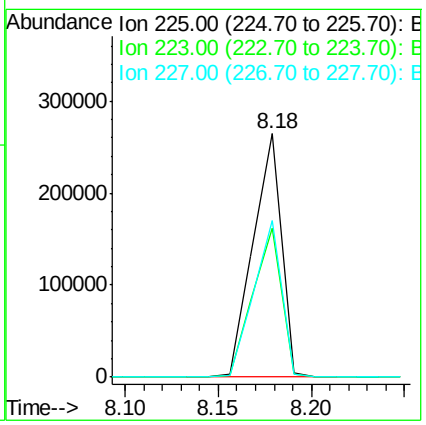


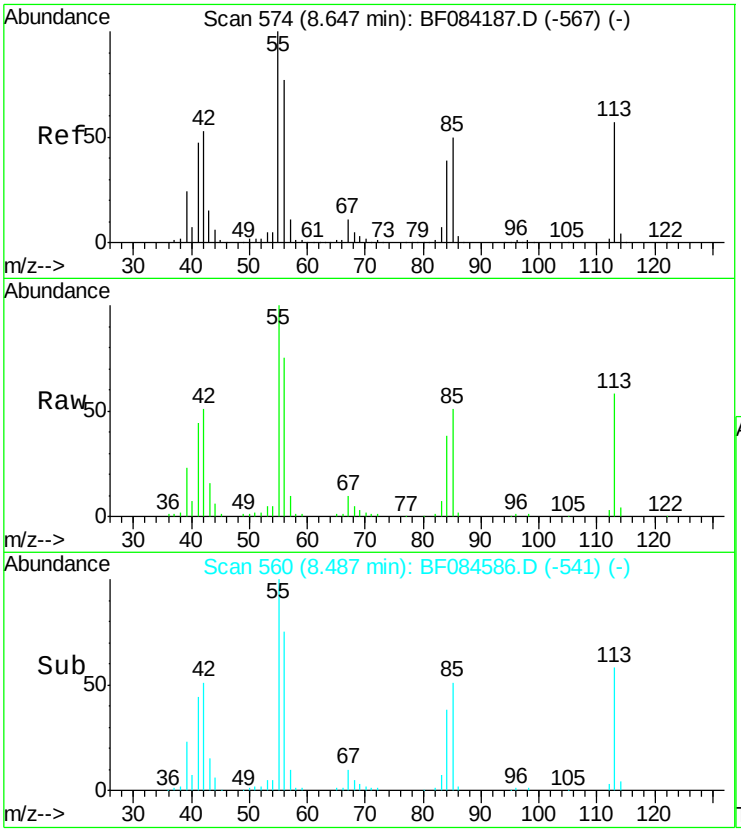


#34
Hexachlorobutadiene
Concen: 40.03 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:225 Resp: 277035

Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.4	74.0
227	64.2	50.8	76.2



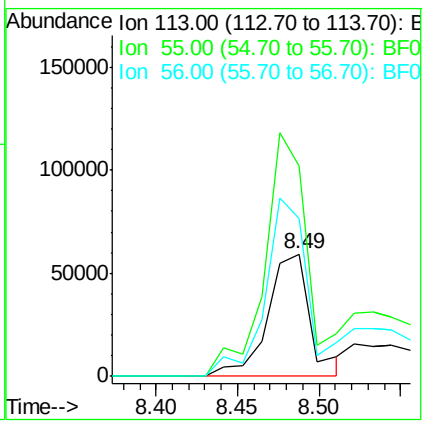


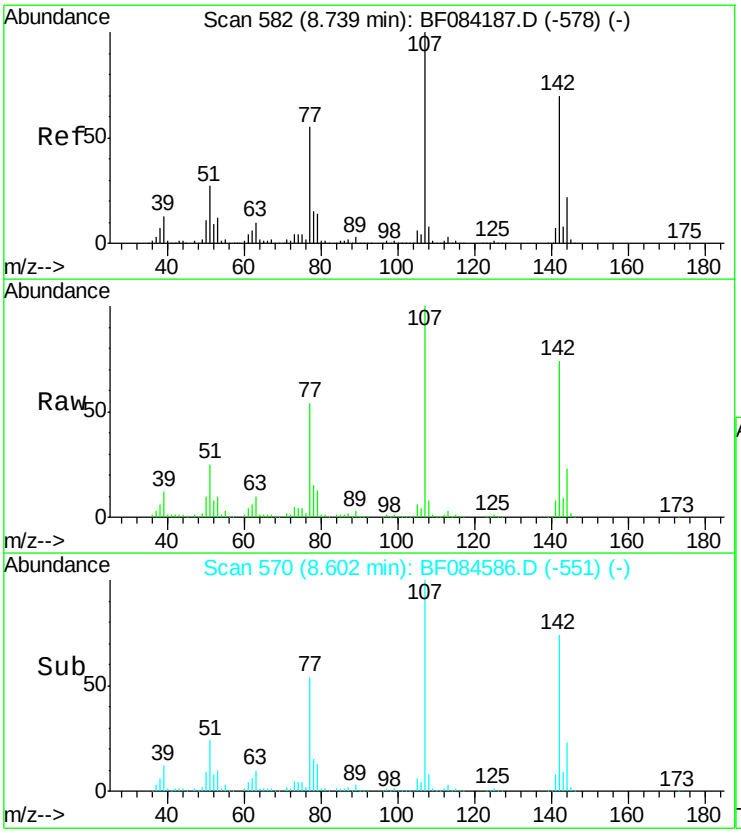
#35
Caprolactam
Concen: 27.56 ng
RT: 8.49 min Scan# 560
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion:113 Resp: 108352

Ion	Ratio	Lower	Upper
113	100		
55	172.2	116.9	156.9#
56	129.6	93.8	133.8

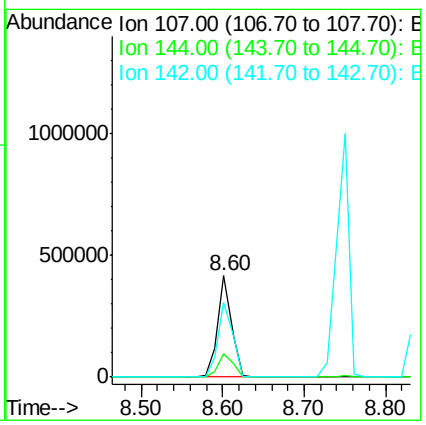


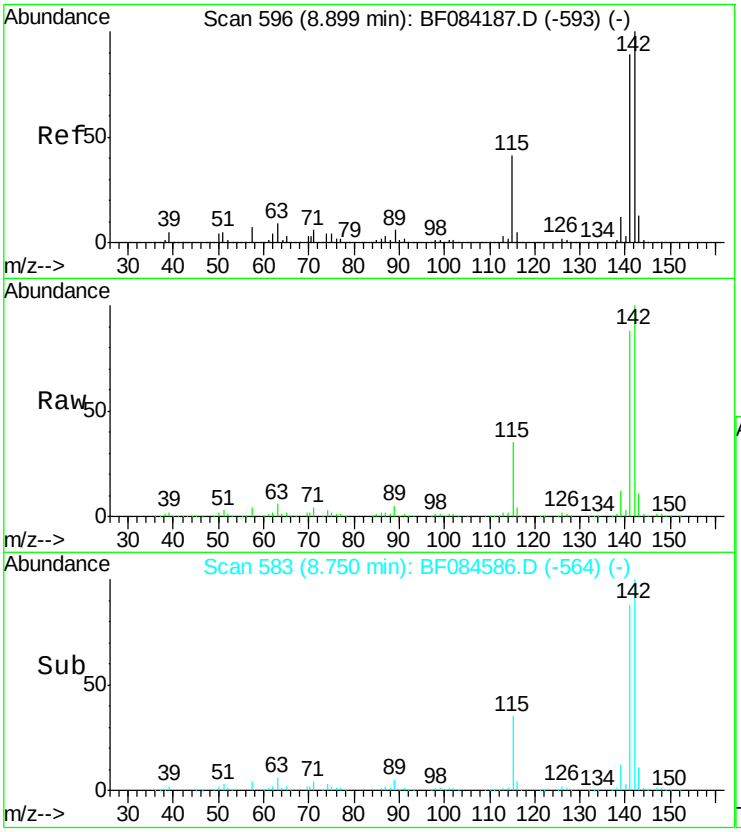


#36
4-Chloro-3-methylphenol
Concen: 37.57 ng
RT: 8.60 min Scan# 570
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:107 Resp: 490749

Ion	Ratio	Lower	Upper
107	100		
144	22.9	19.7	29.5
142	73.6	61.8	92.6



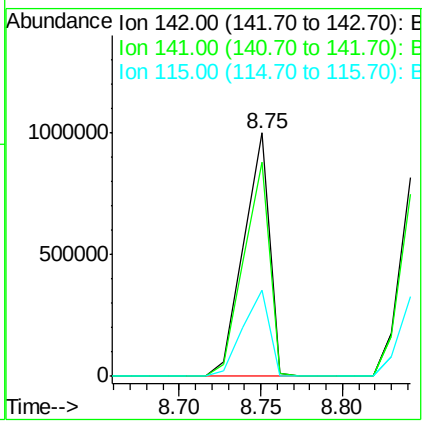


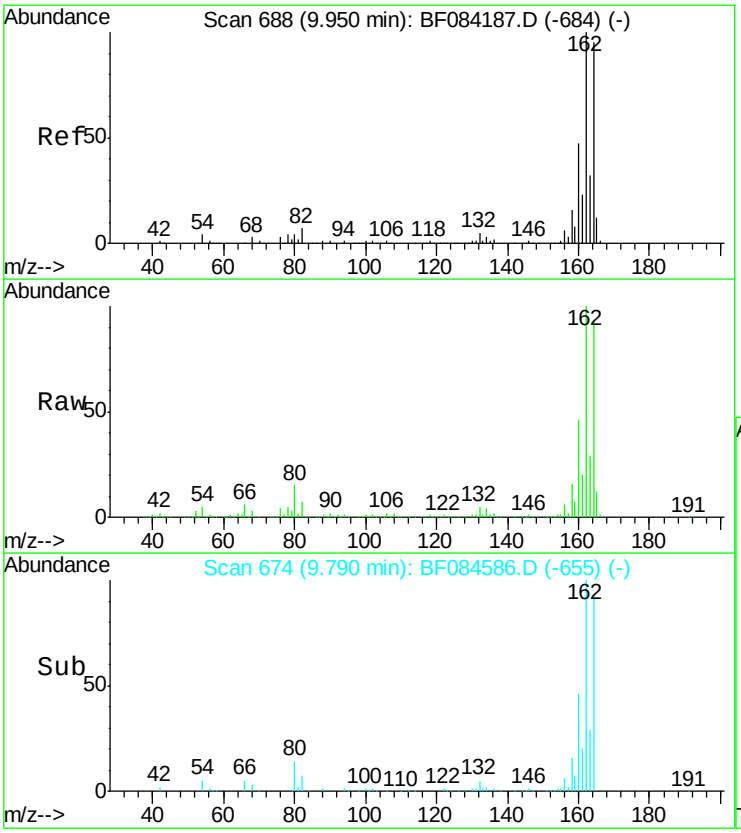
#37
2-Methylnaphthalene
Concen: 40.32 ng
RT: 8.75 min Scan# 583
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion:142 Resp: 1095005

Ion	Ratio	Lower	Upper
142	100		
141	87.8	72.4	108.6
115	35.4	27.9	41.9

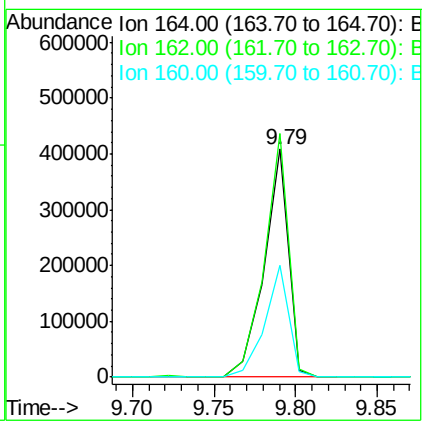


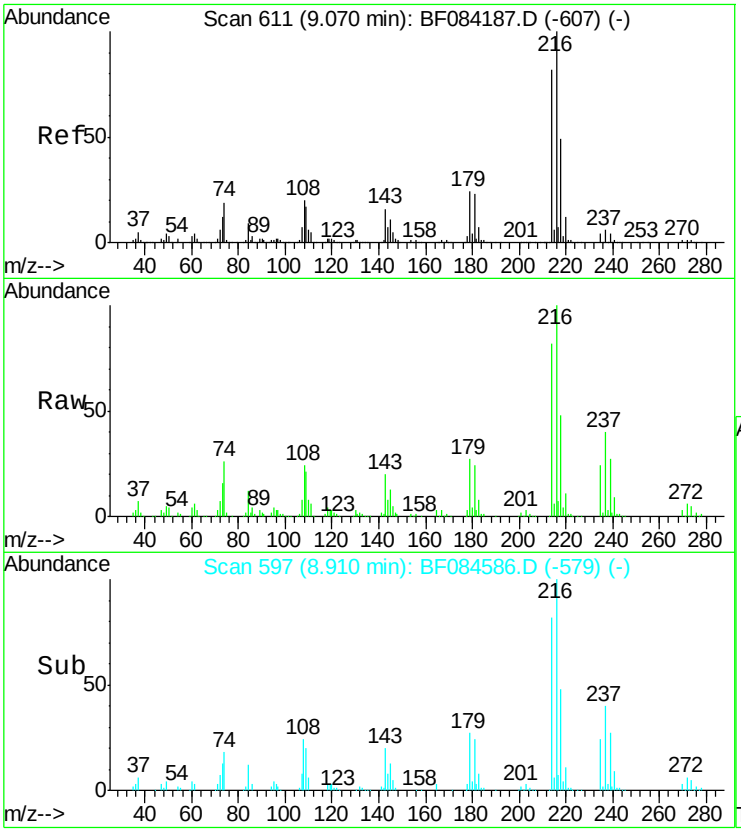


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:164 Resp: 419969

Ion	Ratio	Lower	Upper
164	100		
162	107.0	85.1	127.7
160	48.9	37.5	56.3



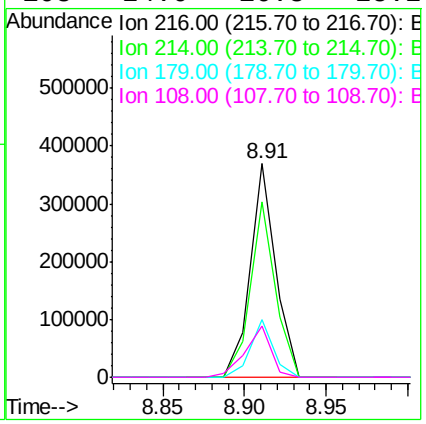


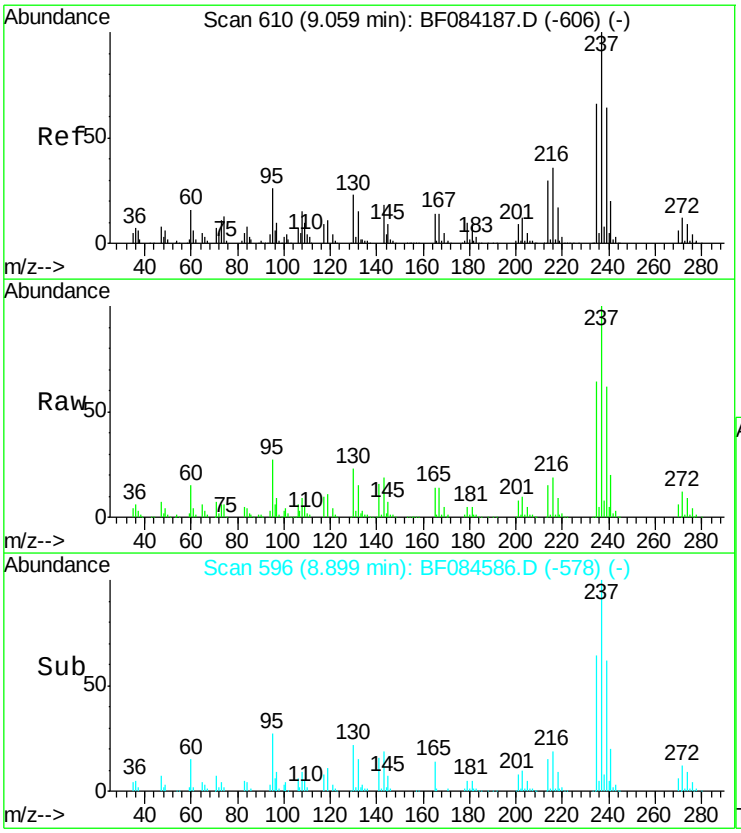
#39
1,2,4,5-Tetrachlorobenzene
Concen: 33.22 ng
RT: 8.91 min Scan# 597
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion:216 Resp: 401111

Ion	Ratio	Lower	Upper
216	100		
214	80.5	64.2	96.2
179	24.2	18.7	28.1
108	24.0	16.8	25.2

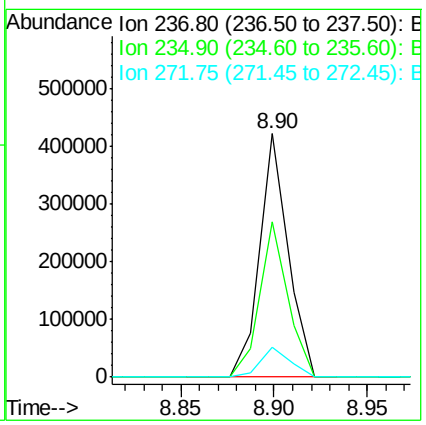


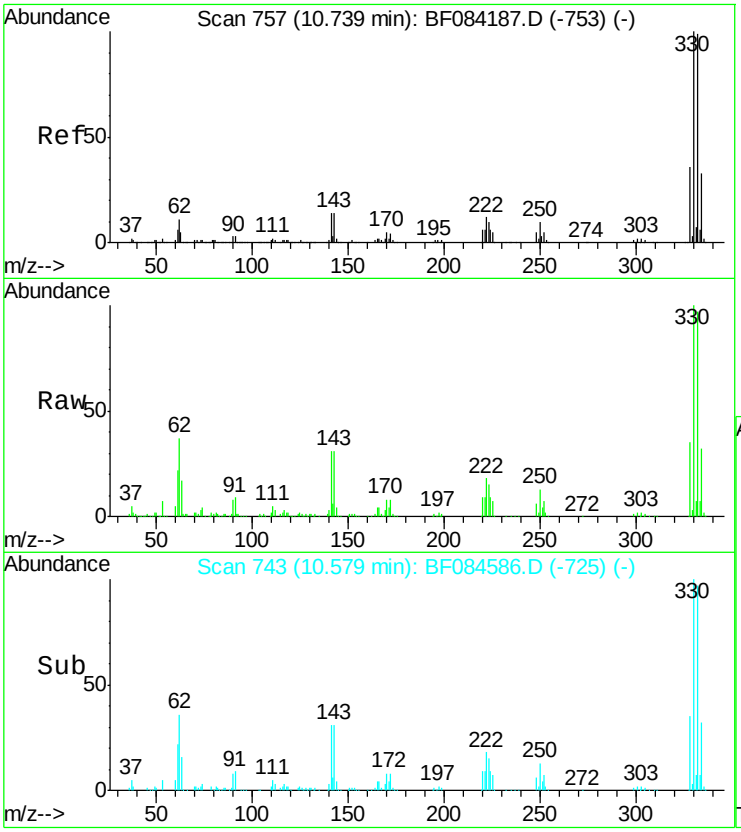


#40
Hexachlorocyclopentadiene
Concen: 60.83 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:237 Resp: 443321

Ion	Ratio	Lower	Upper
237	100		
235	64.0	43.1	83.1
272	12.1	0.0	35.1

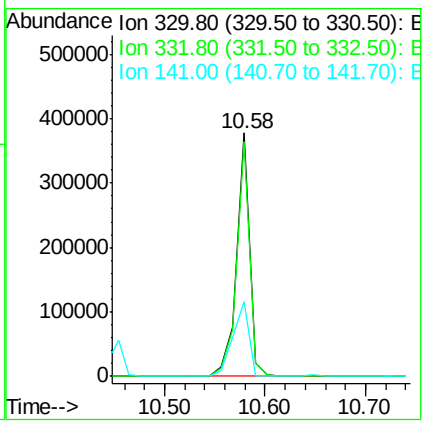




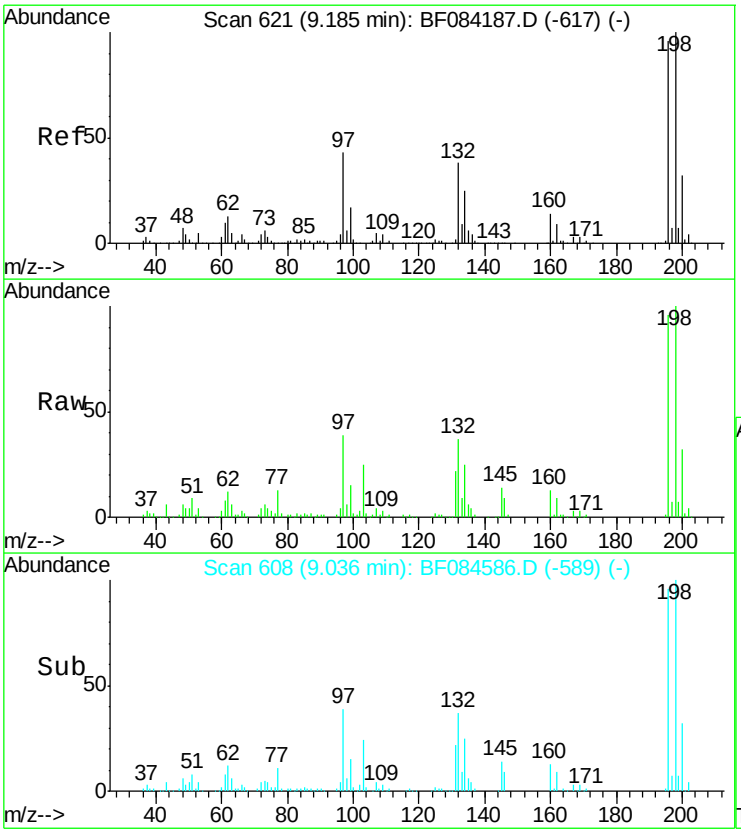
#41
2,4,6-Tribromophenol
Concen: 79.99 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:330 Resp: 339160

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	38.3	27.8	41.6



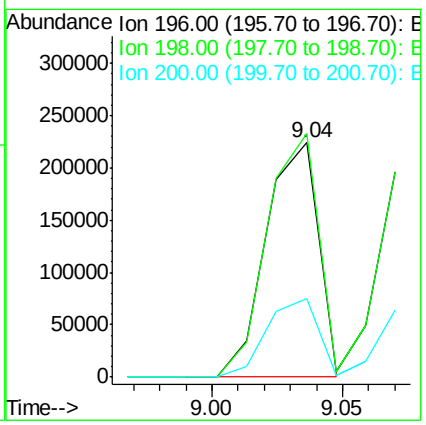
Instrument :
BNA_F
ClientSampleId :
PB87895BS

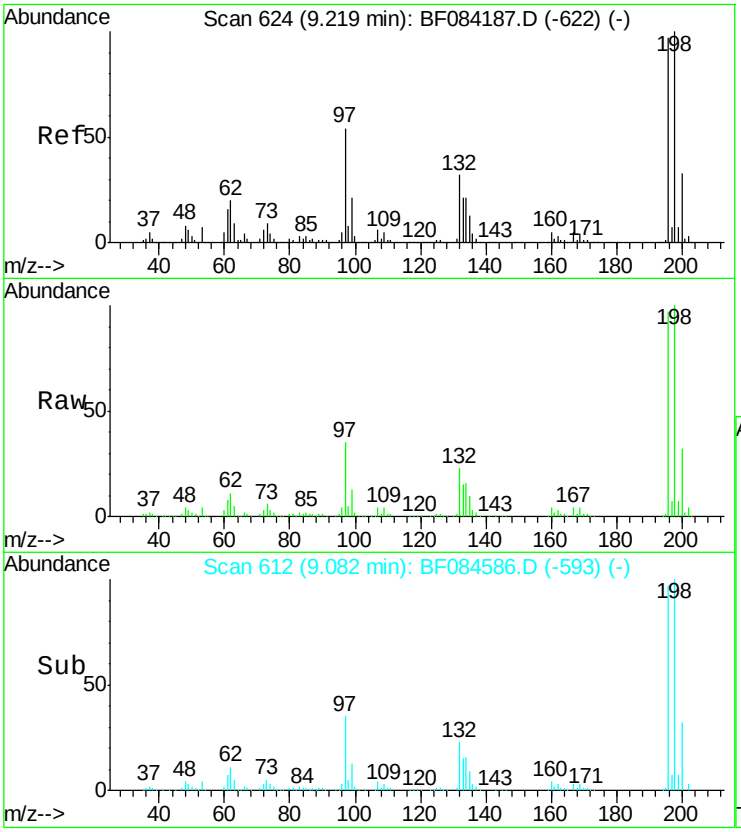


#42
2,4,6-Trichlorophenol
Concen: 34.35 ng
RT: 9.04 min Scan# 608
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:196 Resp: 310279

Ion	Ratio	Lower	Upper
196	100		
198	103.9	77.7	116.5
200	33.6	24.6	37.0



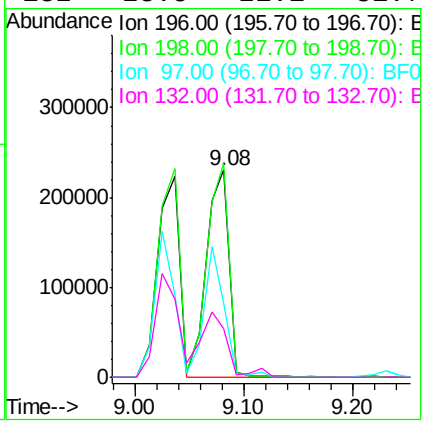


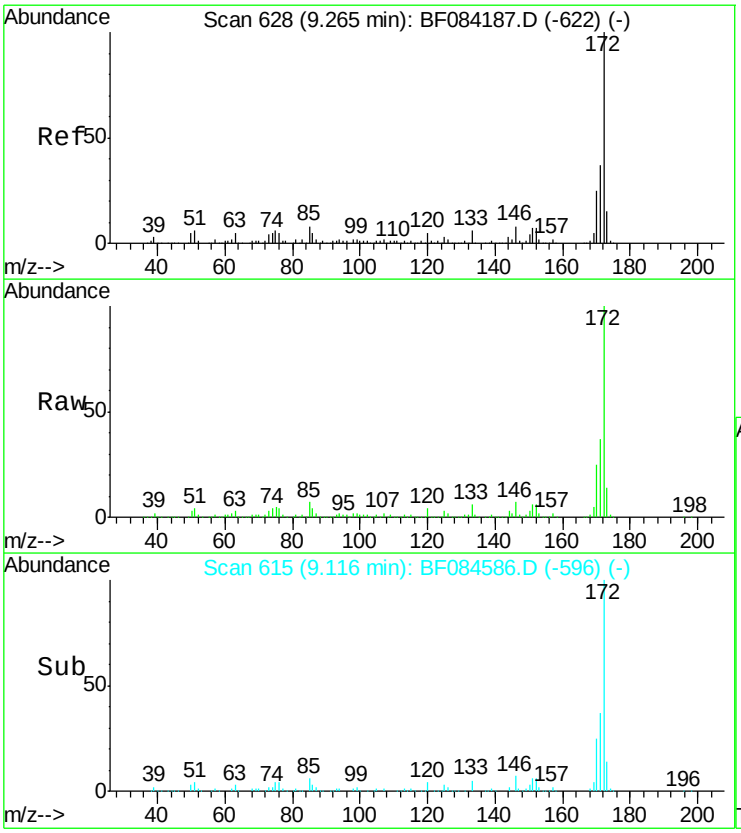
#43
2,4,5-Trichlorophenol
Concen: 38.42 ng
RT: 9.08 min Scan# 612
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion:196 Resp: 332675

Ion	Ratio	Lower	Upper
196	100		
198	103.2	79.0	118.6
97	36.0	33.0	49.6
132	23.5	21.1	31.7

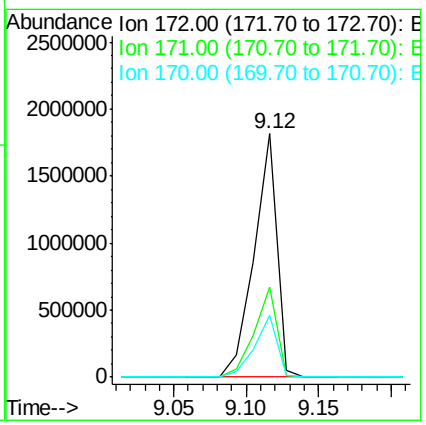


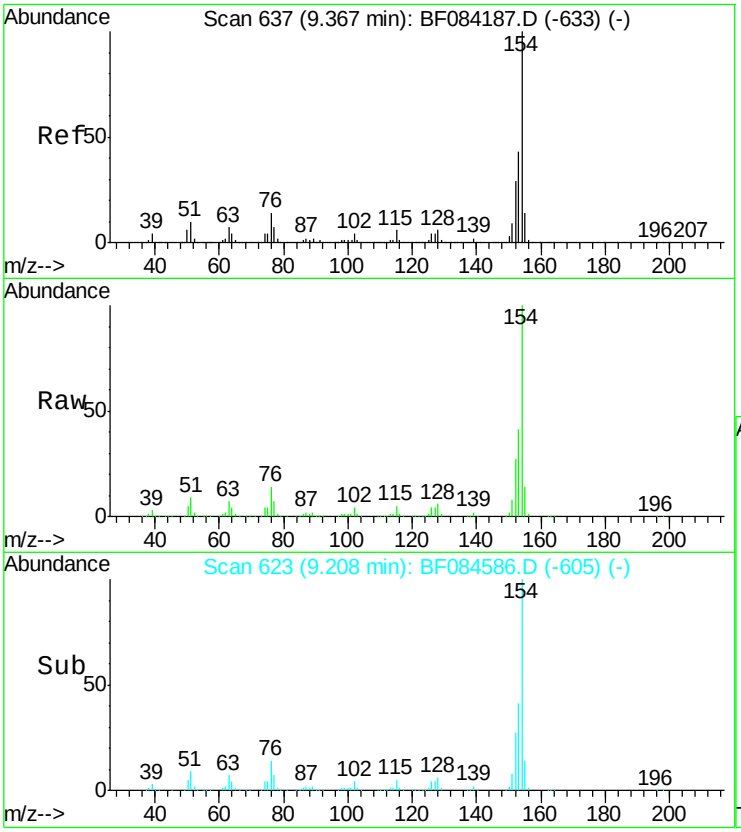


#44
2-Fluorobiphenyl
Concen: 82.92 ng
RT: 9.12 min Scan# 615
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:172 Resp: 1983244

Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.9	43.3
170	25.3	18.6	27.8



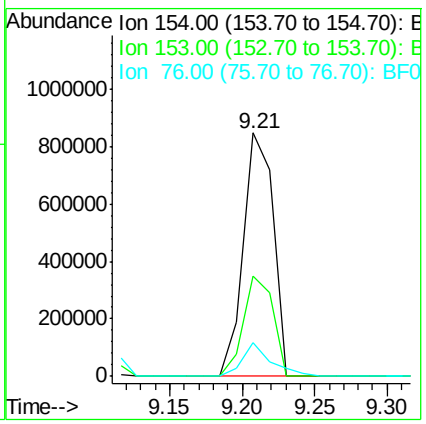


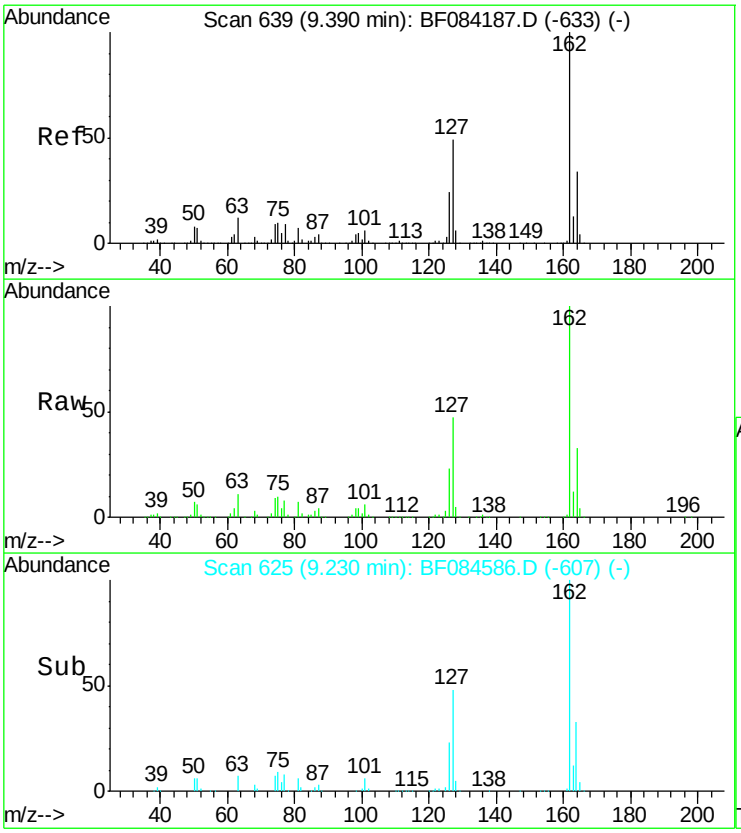
#45
1,1'-Biphenyl
Concen: 36.11 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion:154 Resp: 1205240

Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.6	61.6
76	13.6	0.0	32.7

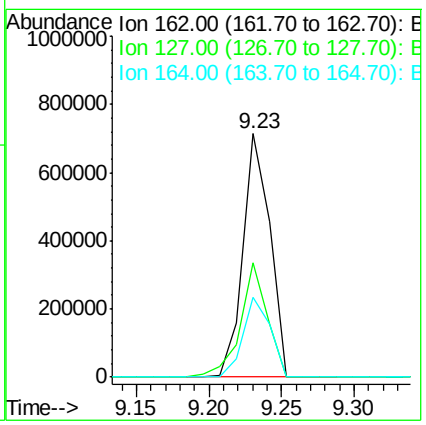


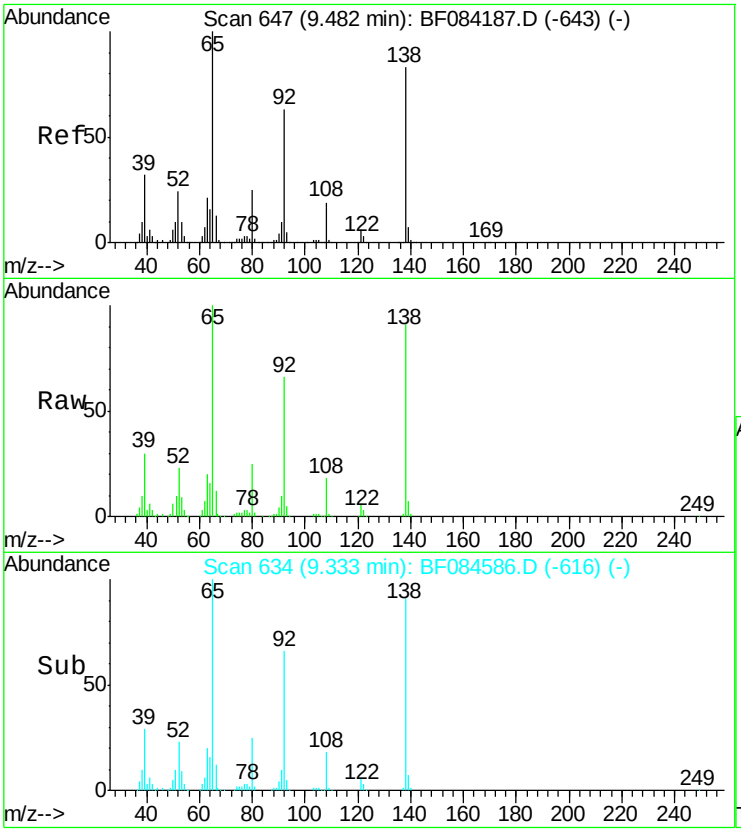


#46
2-Chloronaphthalene
Concen: 34.91 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:162 Resp: 915133

Ion	Ratio	Lower	Upper
162	100		
127	47.1	40.2	60.4
164	32.9	25.7	38.5



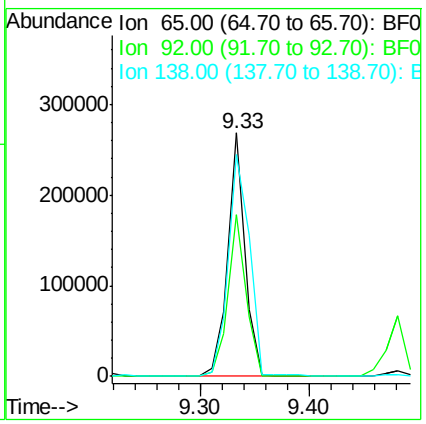


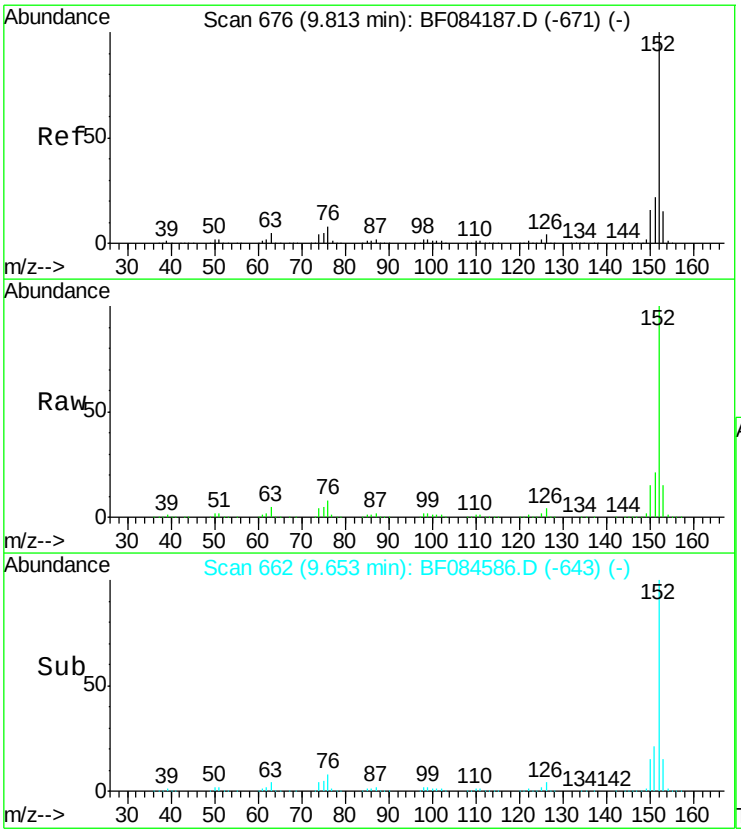
#47
2-Nitroaniline
Concen: 33.67 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion: 65 Resp: 291332

Ion	Ratio	Lower	Upper
65	100		
92	66.2	53.4	80.2
138	91.0	71.1	106.7

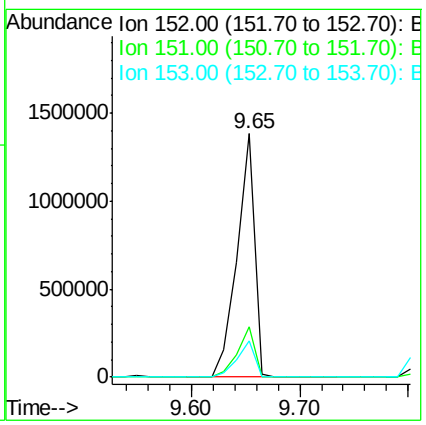


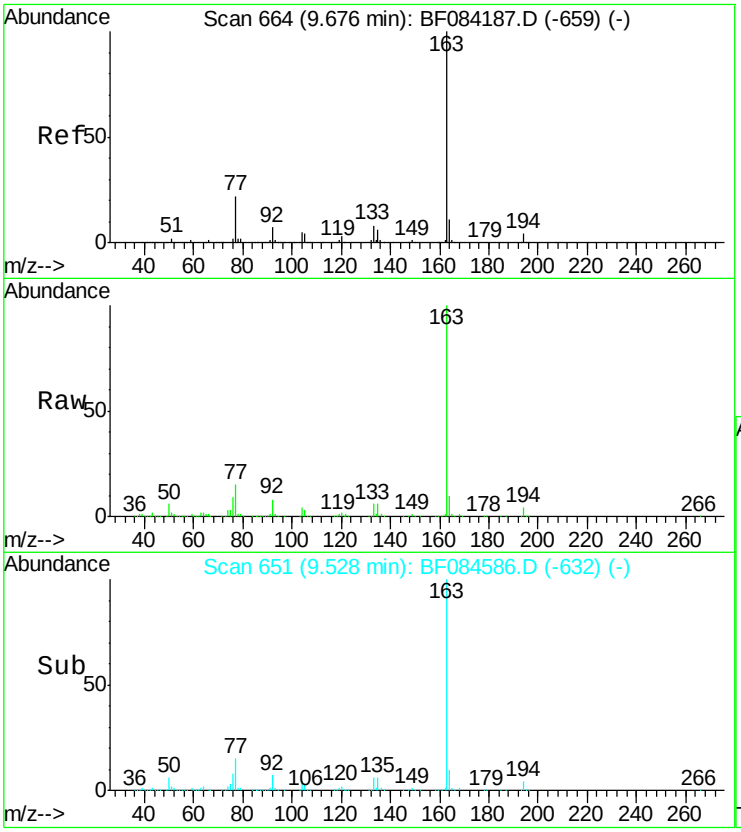


#48
Acenaphthylene
Concen: 39.05 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:152 Resp: 1512670

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	14.8	10.4	15.6



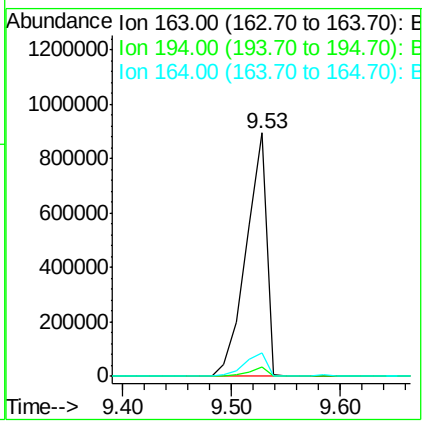


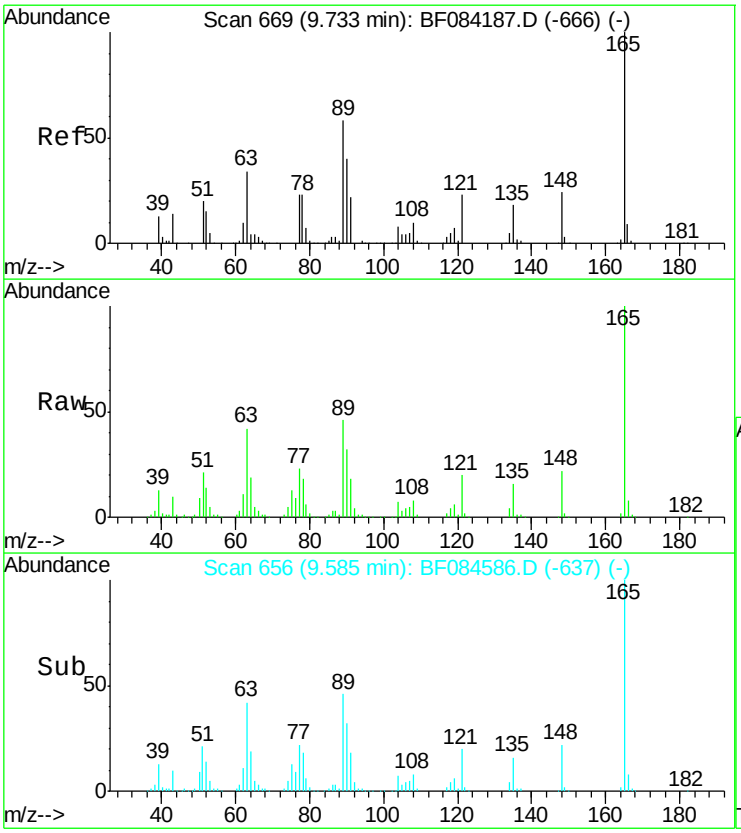
#49
Dimethylphthalate
Concen: 38.95 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion:163 Resp: 1169499

Ion	Ratio	Lower	Upper
163	100		
194	3.6	8.0	12.0#
164	9.7	8.0	12.0

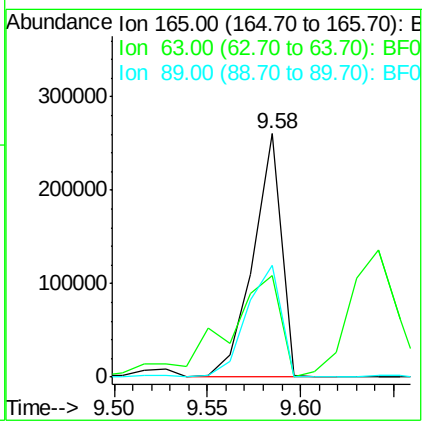


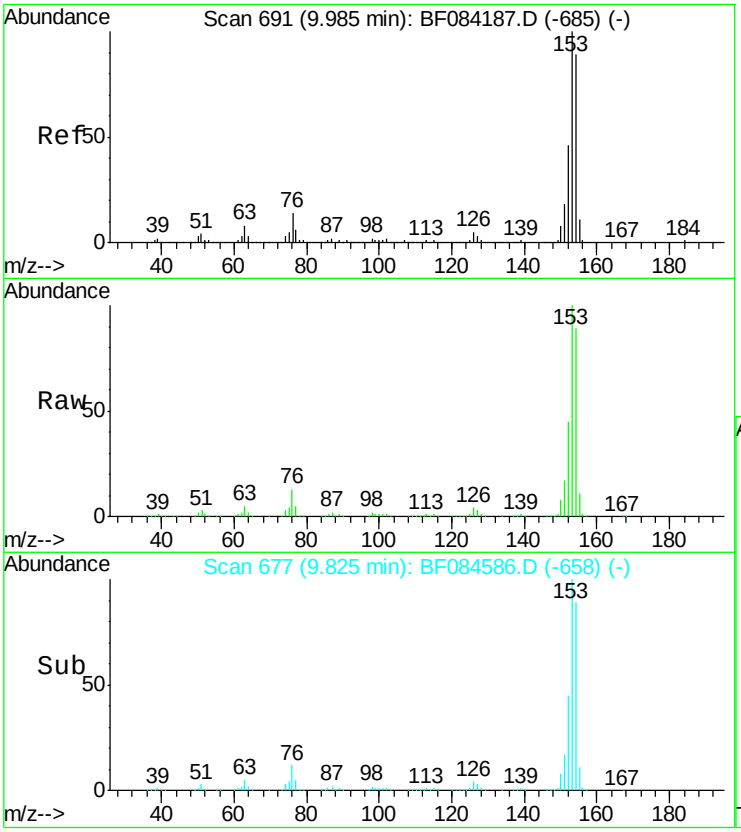


#50
2,6-Dinitrotoluene
Concen: 41.33 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:165 Resp: 272134

Ion	Ratio	Lower	Upper
165	100		
63	41.5	28.8	43.2
89	45.9	35.1	52.7



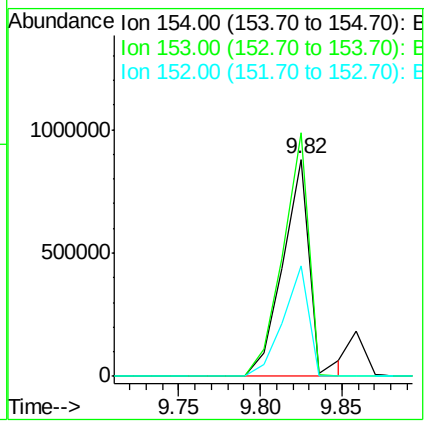


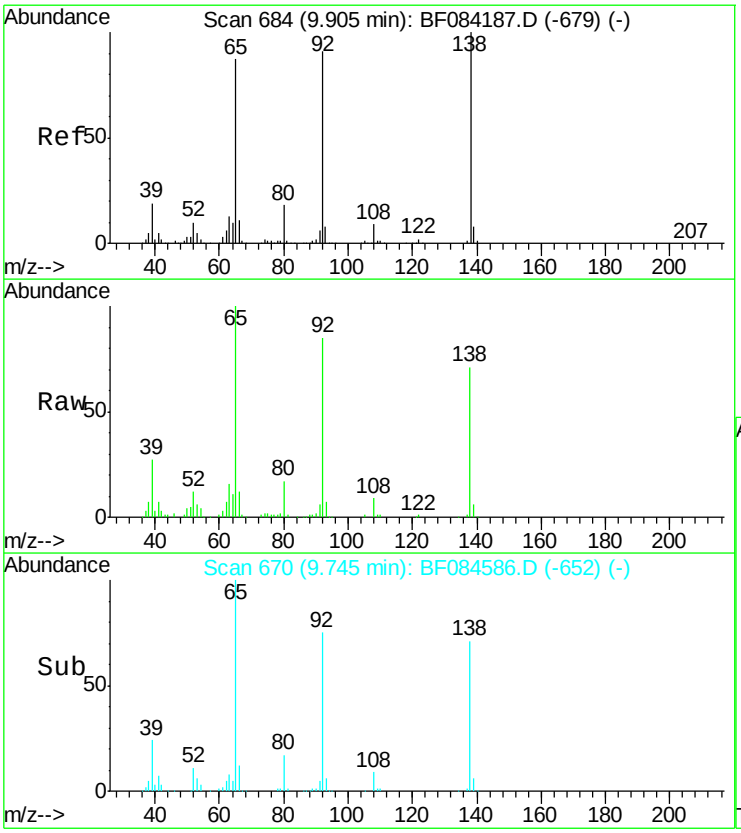
#51
Acenaphthene
Concen: 39.53 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion:154 Resp: 1027192

Ion	Ratio	Lower	Upper
154	100		
153	112.0	91.5	137.3
152	50.7	43.0	64.6

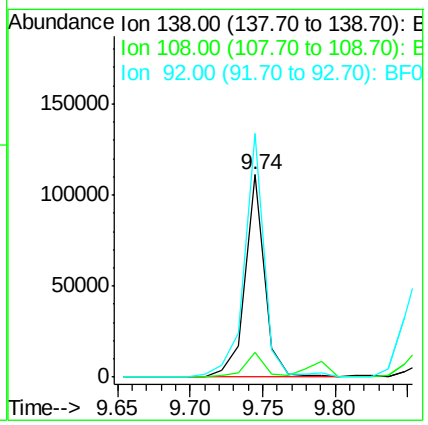


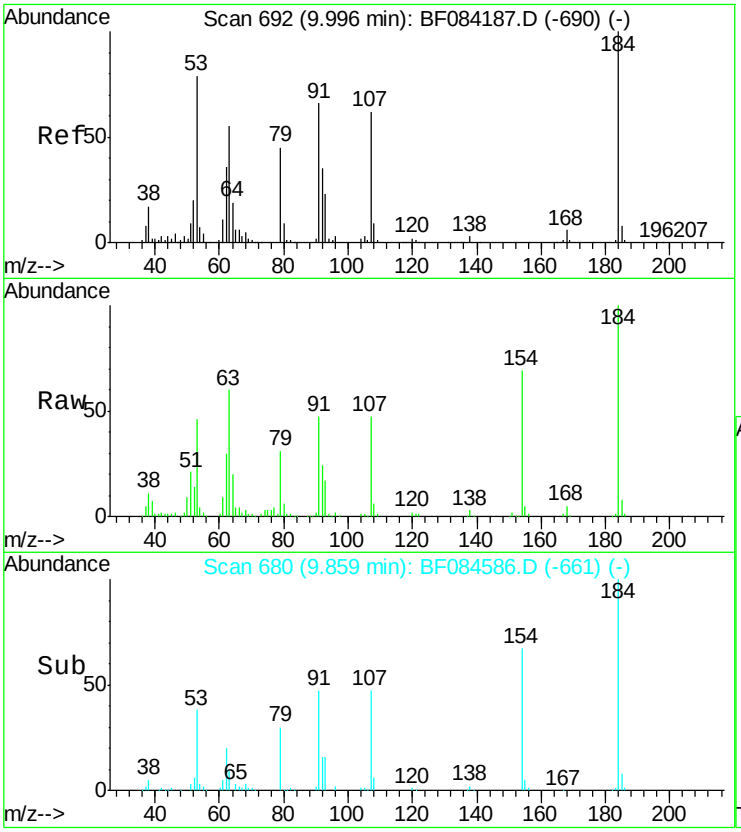


#52
3-Nitroaniline
Concen: 12.69 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:138 Resp: 103567

Ion	Ratio	Lower	Upper
138	100		
108	12.3	10.5	15.7
92	120.5	103.9	155.9



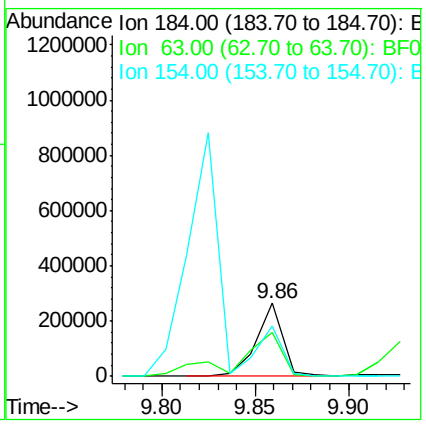


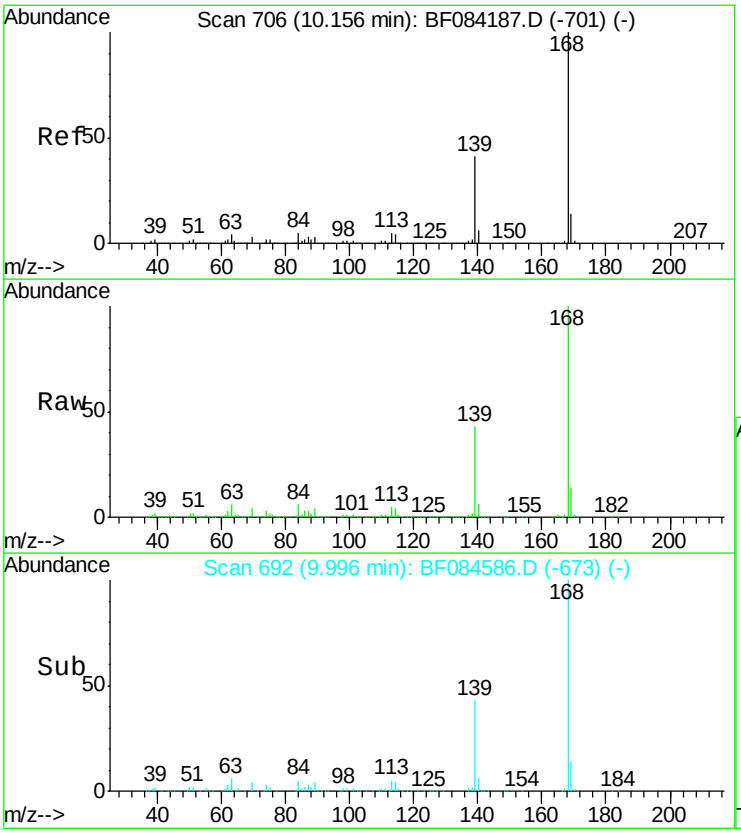
#53
2,4-Dinitrophenol
Concen: 92.16 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion:184 Resp: 260102

Ion	Ratio	Lower	Upper
184	100		
63	59.9	43.1	64.7
154	69.0	60.5	90.7

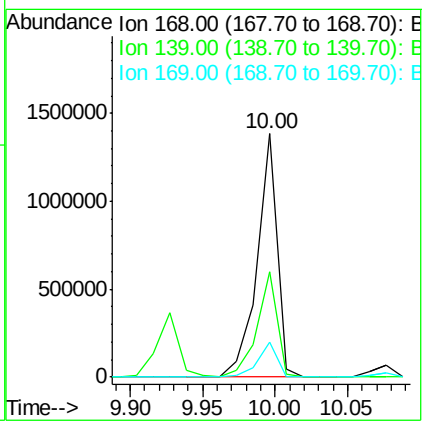


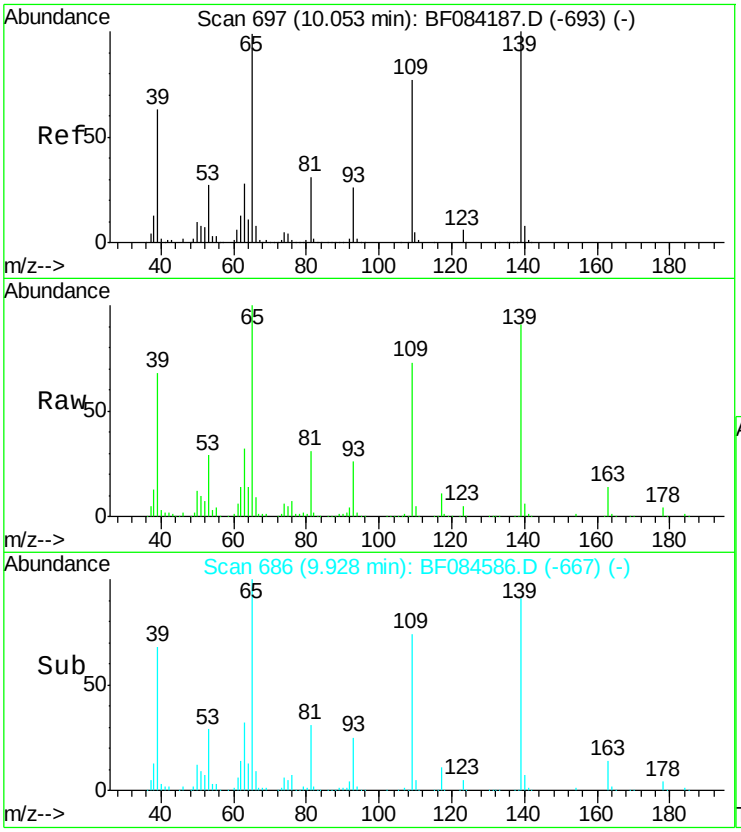


#54
Dibenzofuran
Concen: 39.08 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:168 Resp: 1328139

Ion	Ratio	Lower	Upper
168	100		
139	43.1	30.5	45.7
169	14.3	10.4	15.6



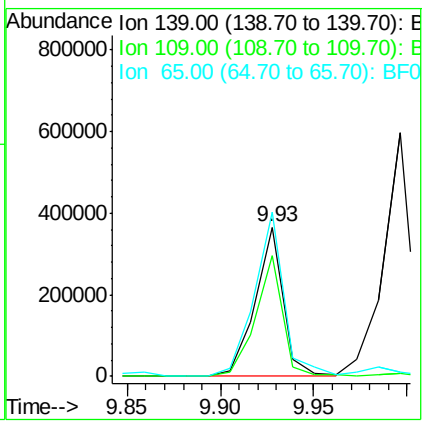


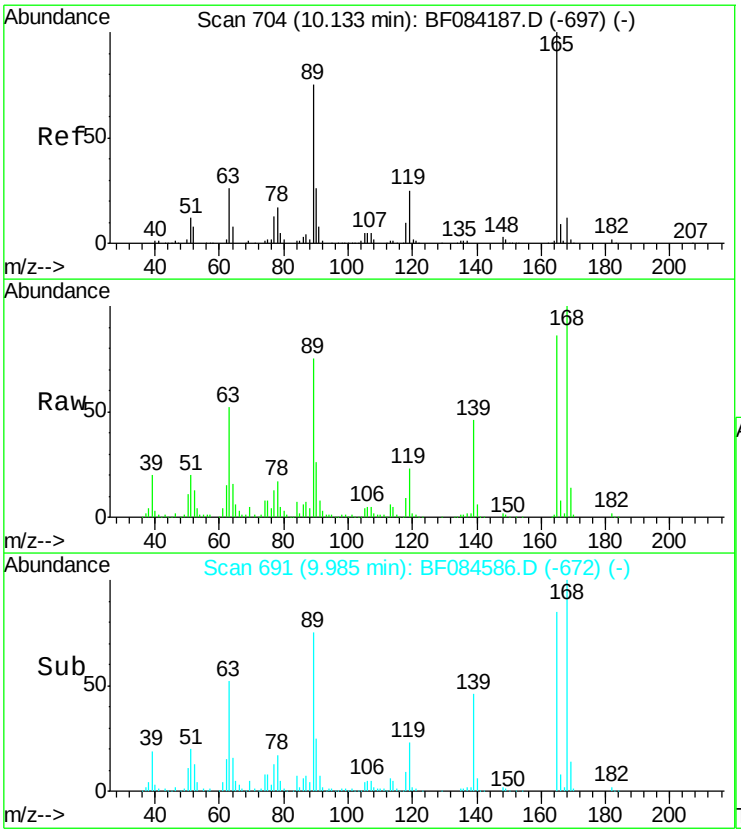
#55
4-Nitrophenol
Concen: 65.02 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion:139 Resp: 385112

Ion	Ratio	Lower	Upper
139	100		
109	80.8	58.5	98.5
65	110.3	57.6	97.6#

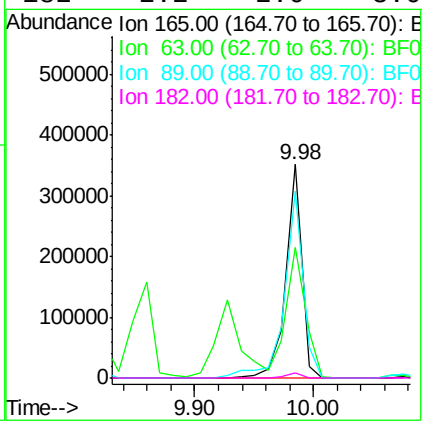


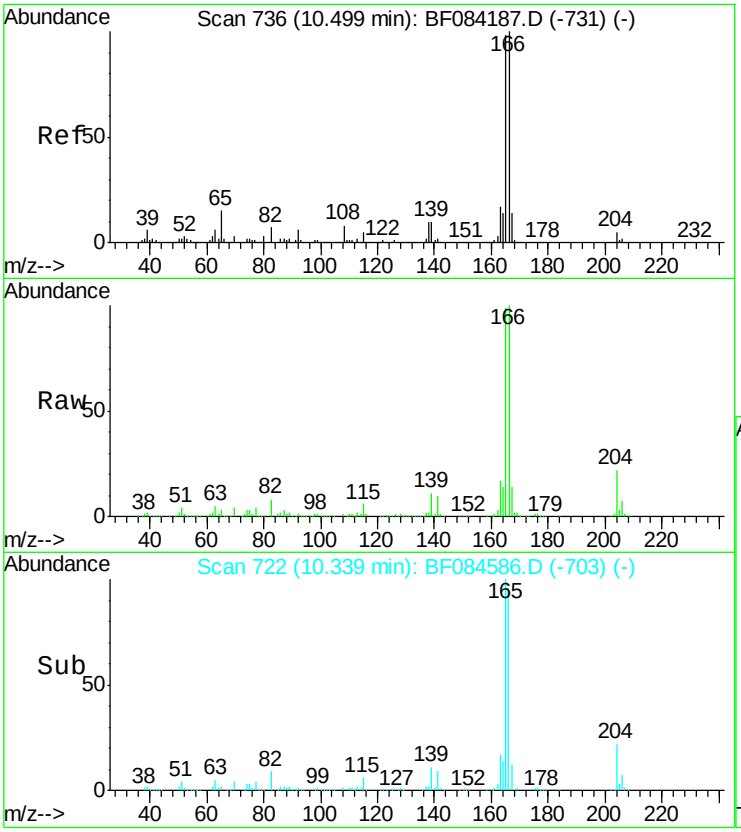


#56
2,4-Dinitrotoluene
Concen: 38.69 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:165 Resp: 322472

Ion	Ratio	Lower	Upper
165	100		
63	60.9	36.7	55.1#
89	87.3	61.9	92.9
182	2.2	2.0	3.0



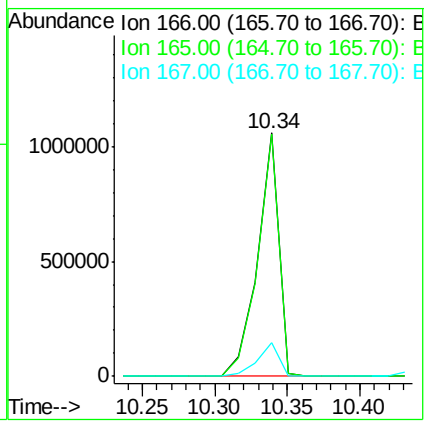


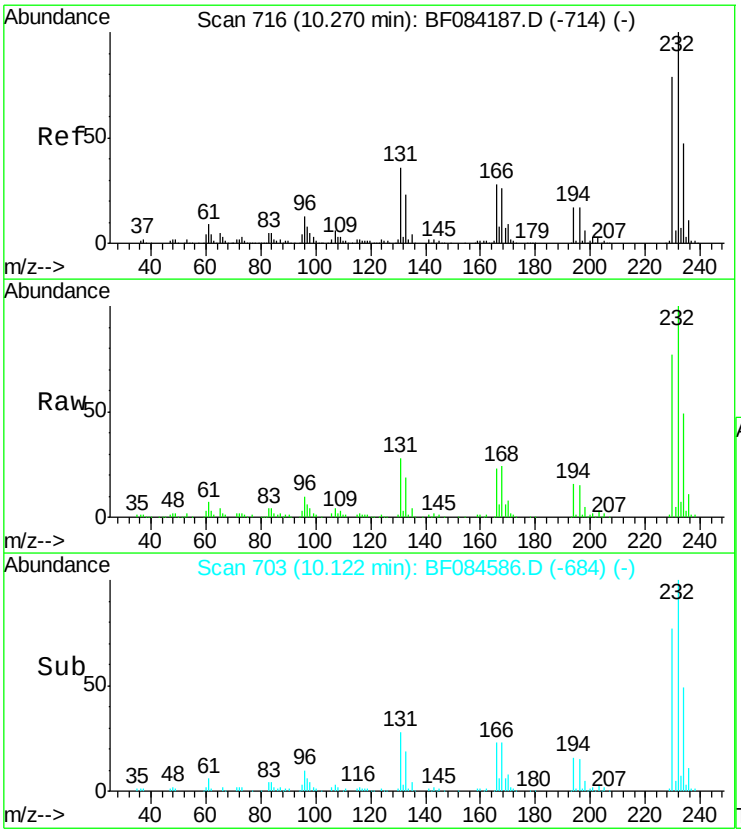
#57
Fluorene
Concen: 41.15 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion:166 Resp: 1076129

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.1	118.7
167	13.6	10.4	15.6

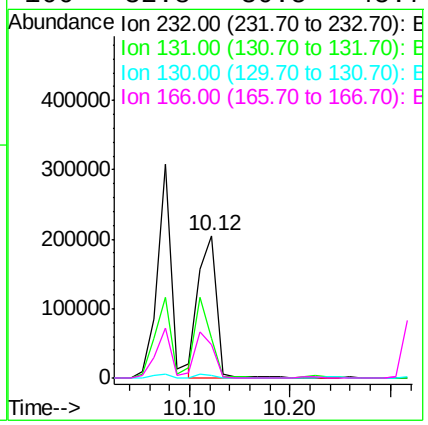


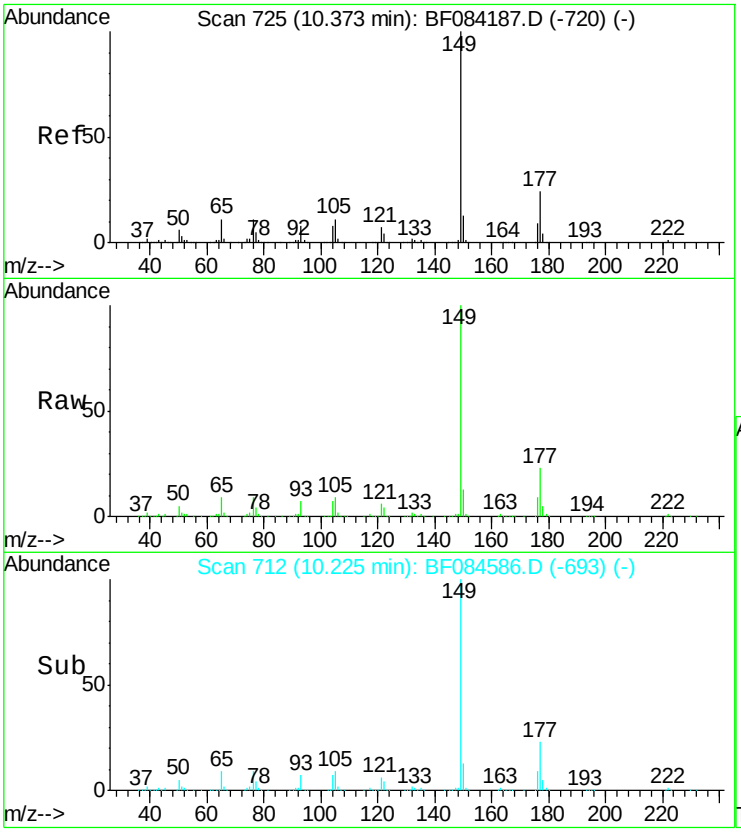


#58
2,3,4,6-Tetrachlorophenol
Concen: 34.86 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:232 Resp: 257704

Ion	Ratio	Lower	Upper
232	100		
131	52.3	47.0	70.6
130	2.4	2.0	3.0
166	32.8	30.5	45.7



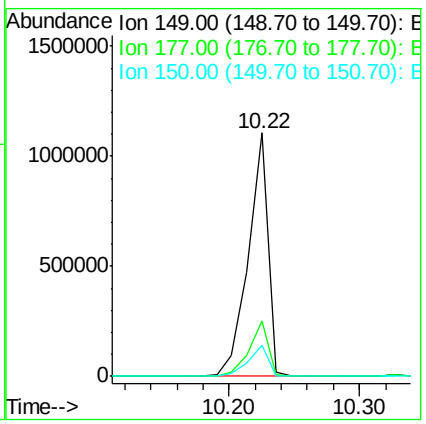


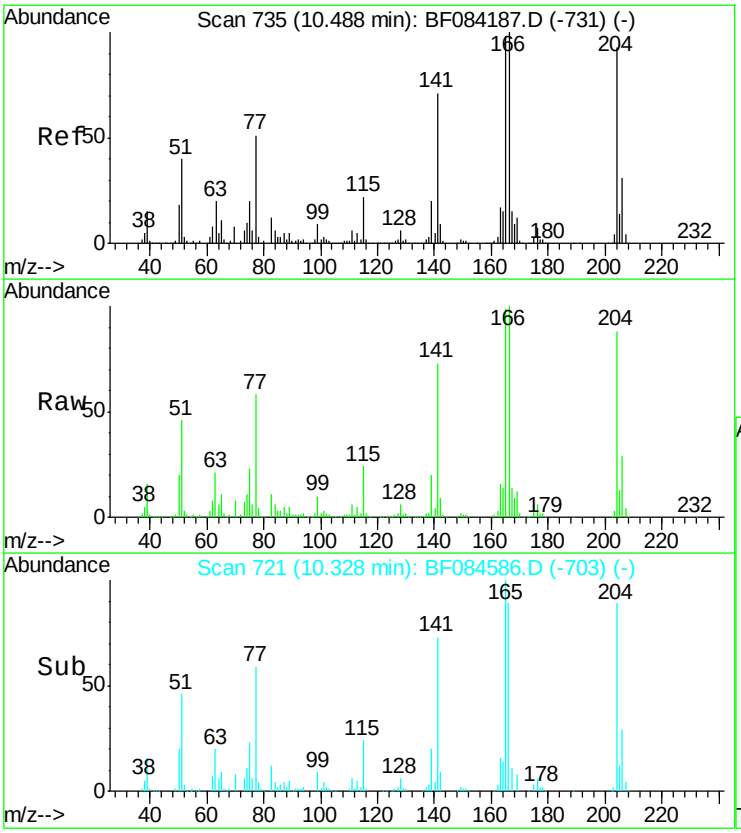
#59
Diethylphthalate
Concen: 39.51 ng
RT: 10.22 min Scan# 712
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion:149 Resp: 1169591

Ion	Ratio	Lower	Upper
149	100		
177	22.9	17.3	25.9
150	12.6	9.8	14.8

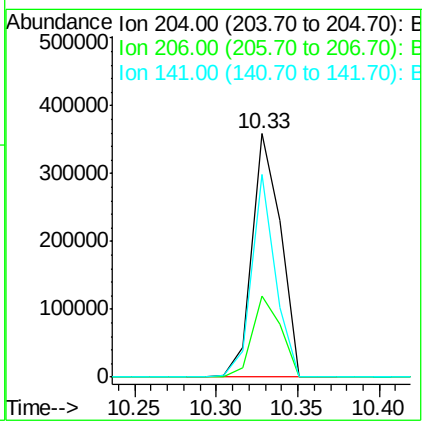


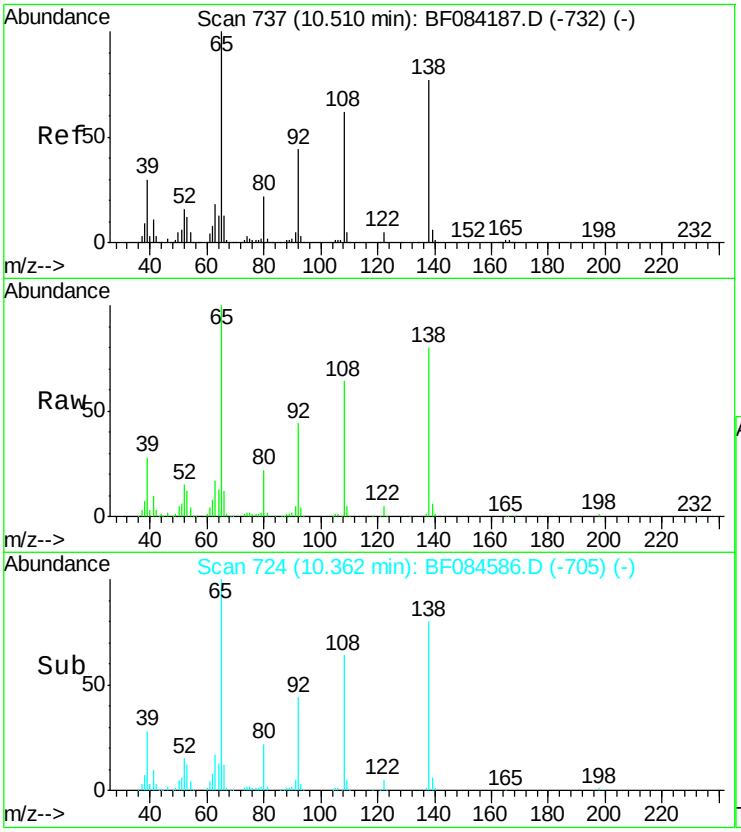


#60
4-Chlorophenyl-phenylether
Concen: 38.65 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:204 Resp: 436562

Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.7	38.5
141	83.4	55.1	82.7#



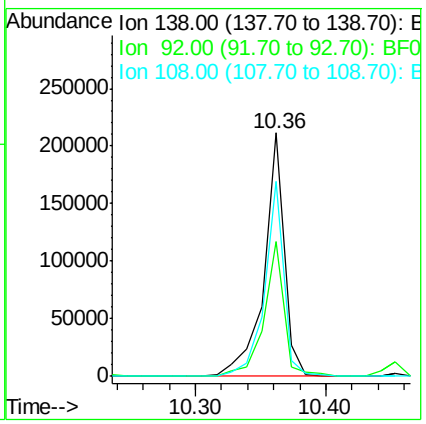


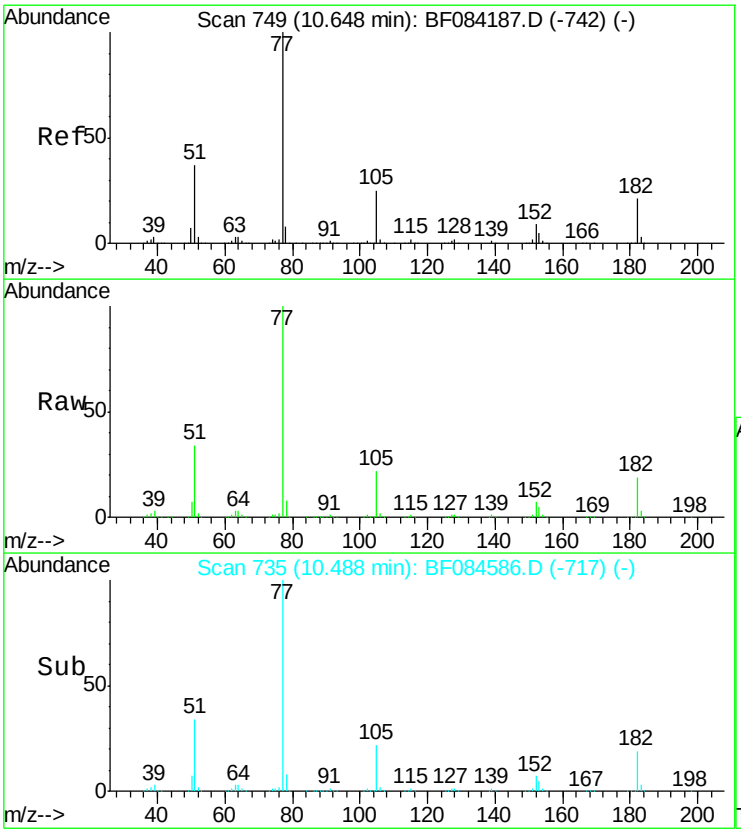
#61
4-Nitroaniline
Concen: 31.83 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion:138 Resp: 231552

Ion	Ratio	Lower	Upper
138	100		
92	55.5	32.6	72.6
108	80.0	68.6	108.6

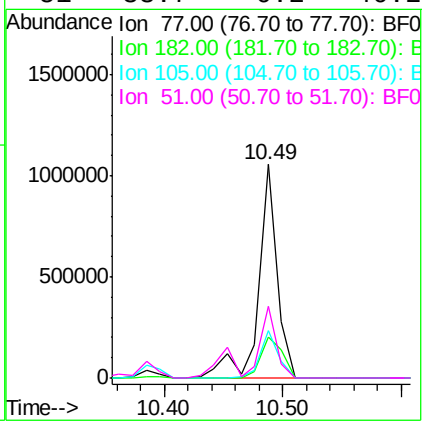


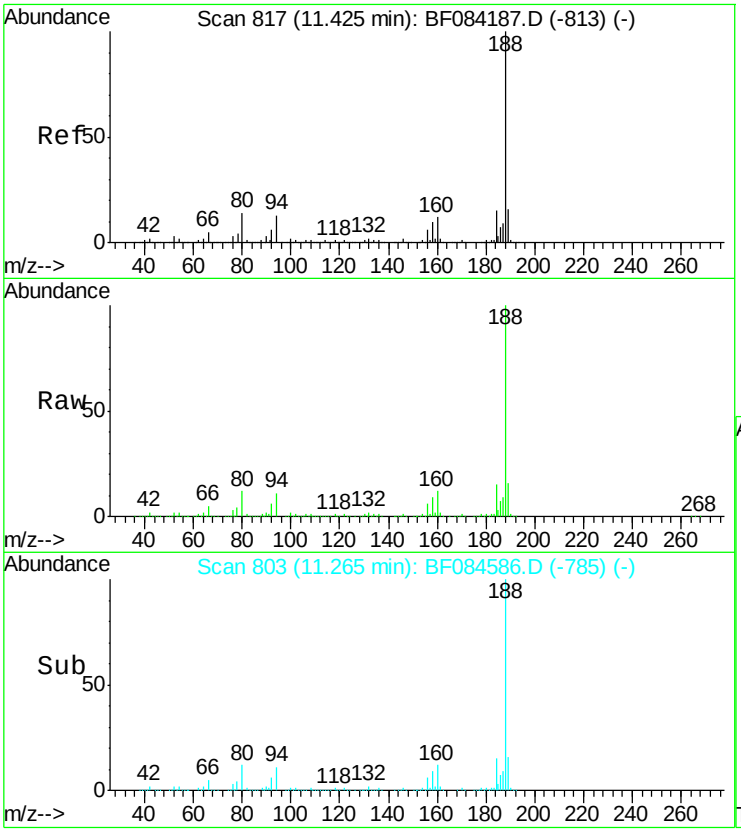


#62
Azobenzene
Concen: 35.68 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion: 77 Resp: 1158383

Ion	Ratio	Lower	Upper
77	100		
182	18.9	8.3	48.3
105	22.4	4.6	44.6
51	33.7	6.2	46.2



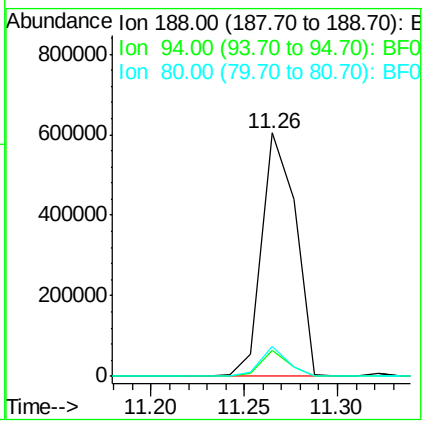


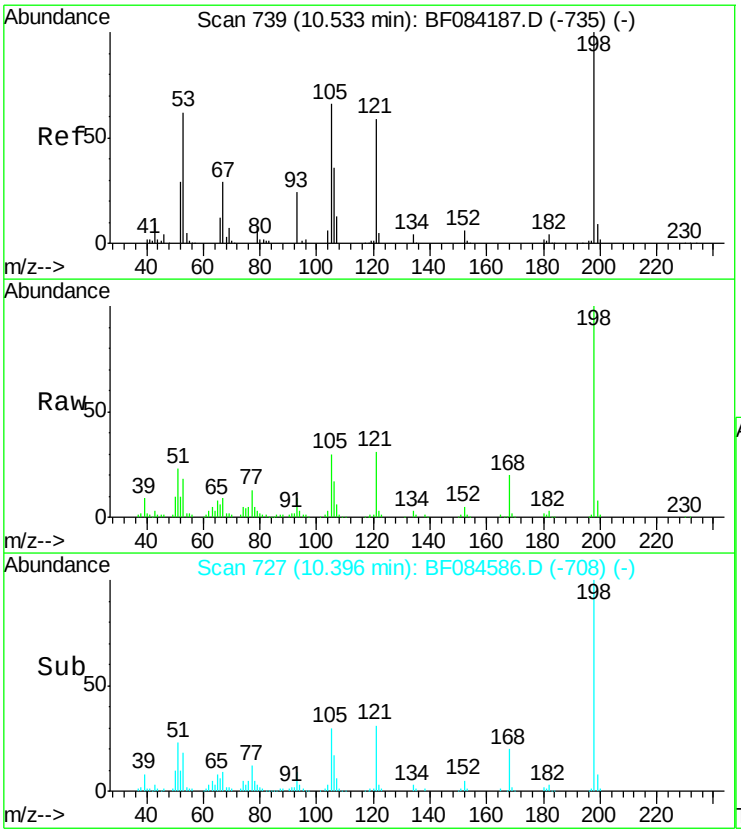
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion:188 Resp: 760054

Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.0	13.4
80	12.3	9.6	14.4

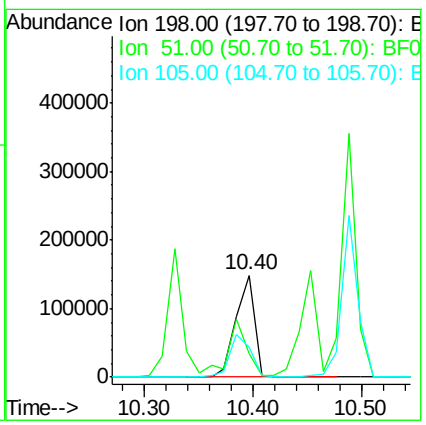


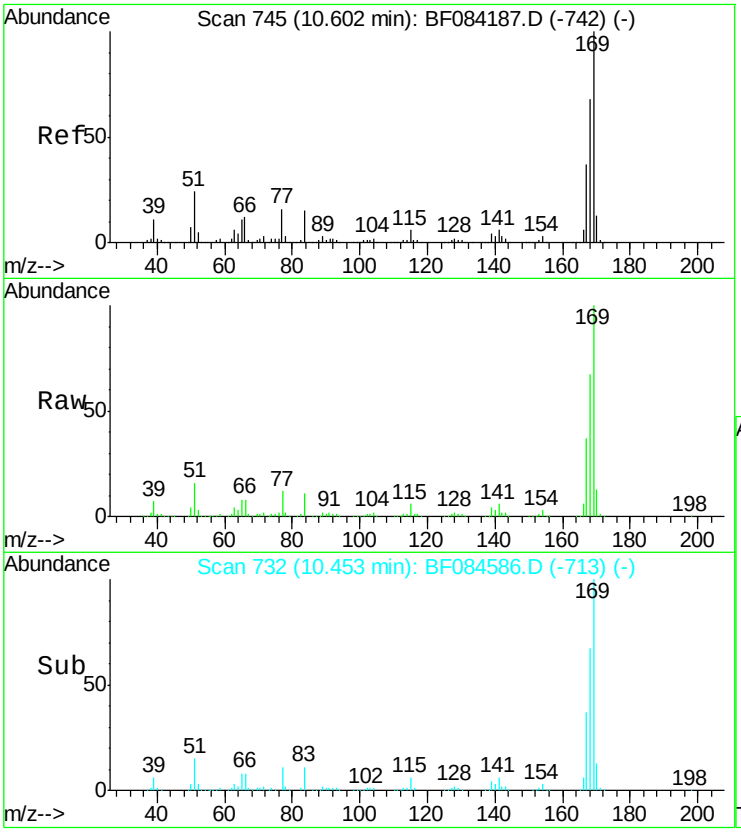


#64
4,6-Dinitro-2-methylphenol
Concen: 38.15 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:198 Resp: 177089

Ion	Ratio	Lower	Upper
198	100		
51	23.3	18.9	58.9
105	30.0	26.4	66.4



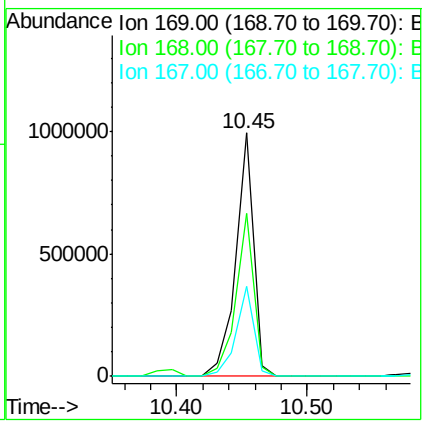


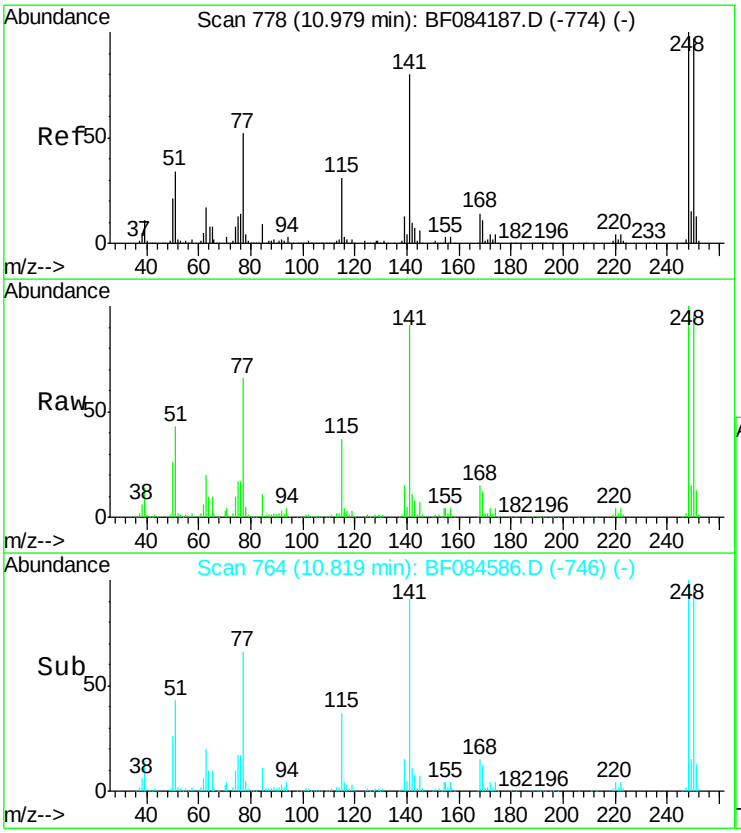
#65
n-Nitrosodiphenylamine
Concen: 38.49 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion:169 Resp: 935306

Ion	Ratio	Lower	Upper
169	100		
168	66.8	55.1	82.7
167	37.2	30.0	45.0

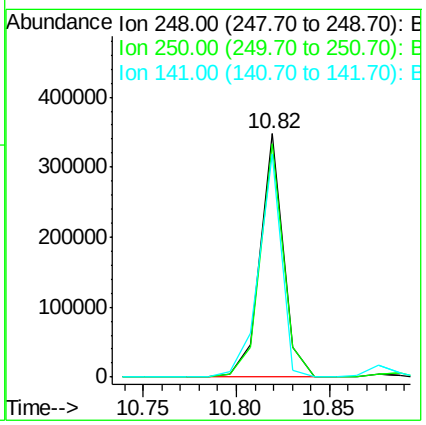


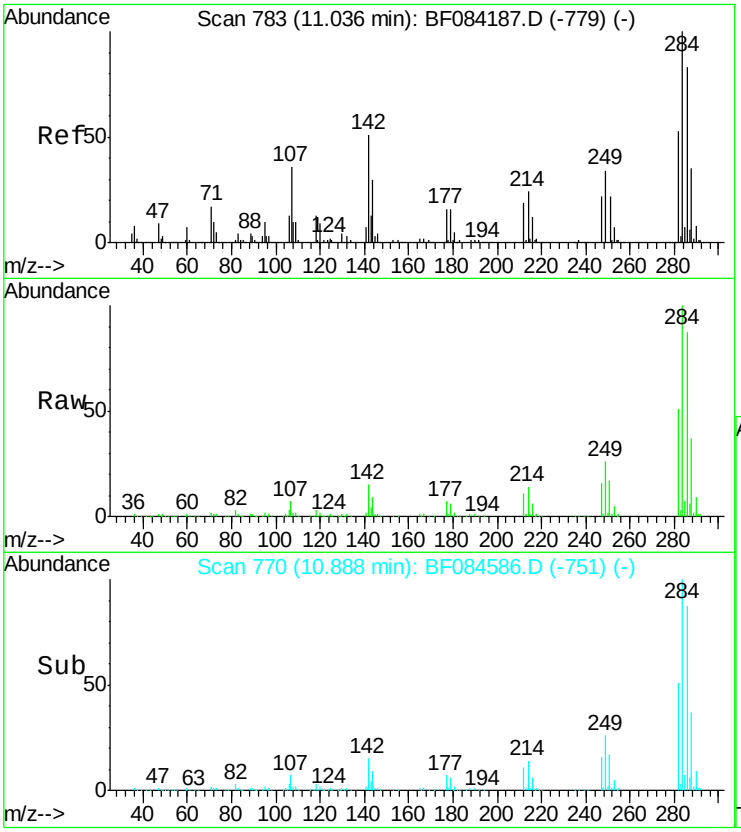


#66
4-Bromophenyl-phenylether
Concen: 37.02 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:248 Resp: 302867

Ion	Ratio	Lower	Upper
248	100		
250	95.9	78.4	117.6
141	91.5	44.0	66.0#



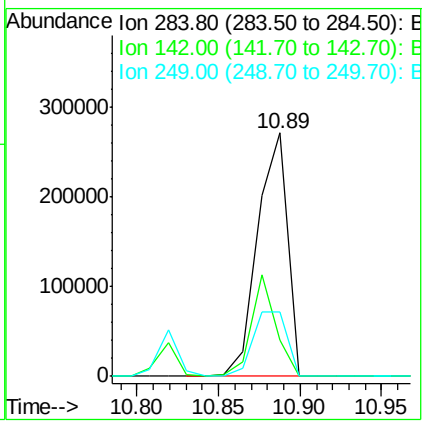


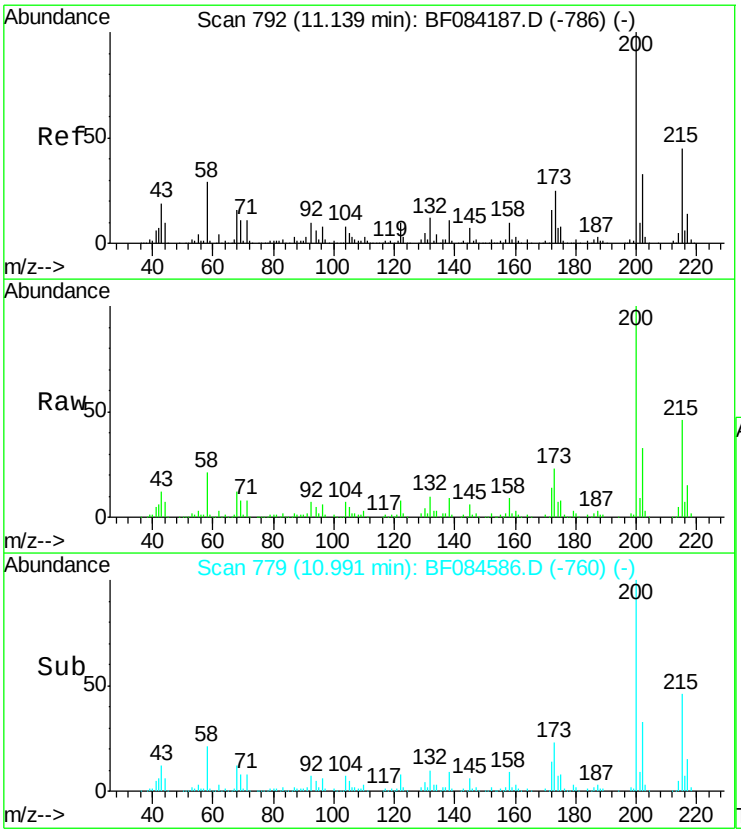
#67
Hexachlorobenzene
Concen: 37.42 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion:284 Resp: 344525

Ion	Ratio	Lower	Upper
284	100		
142	14.8	22.2	33.4#
249	26.2	24.6	37.0

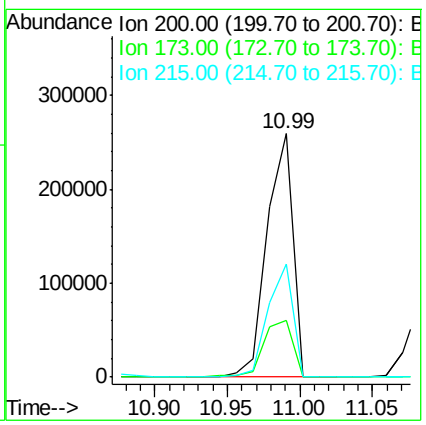


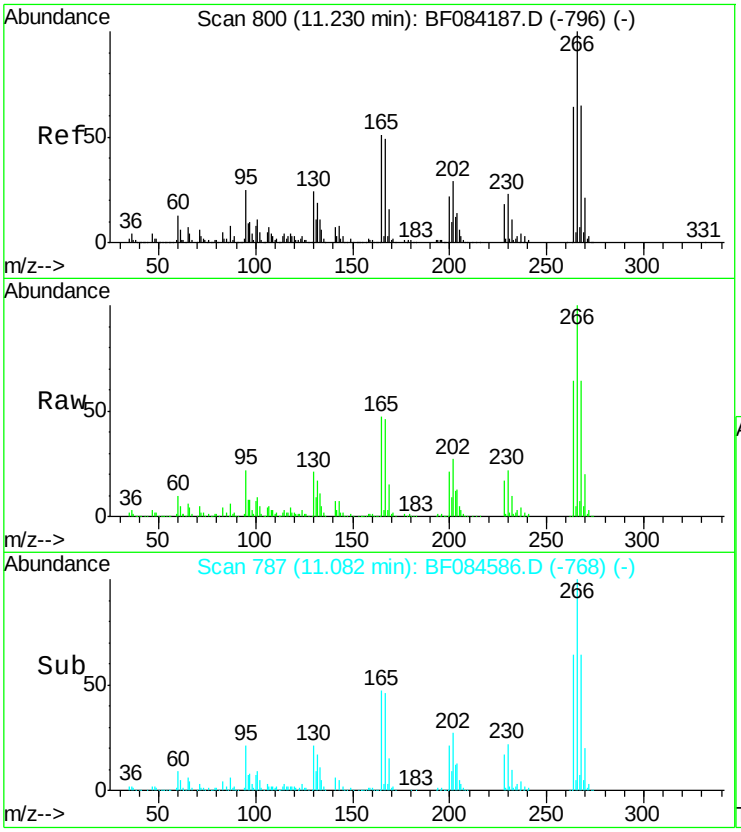


#68
Atrazine
Concen: 40.16 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:200 Resp: 319403

Ion	Ratio	Lower	Upper
200	100		
173	23.3	9.5	49.5
215	46.5	23.8	63.8



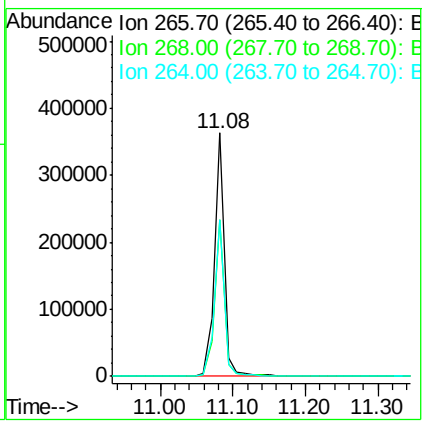


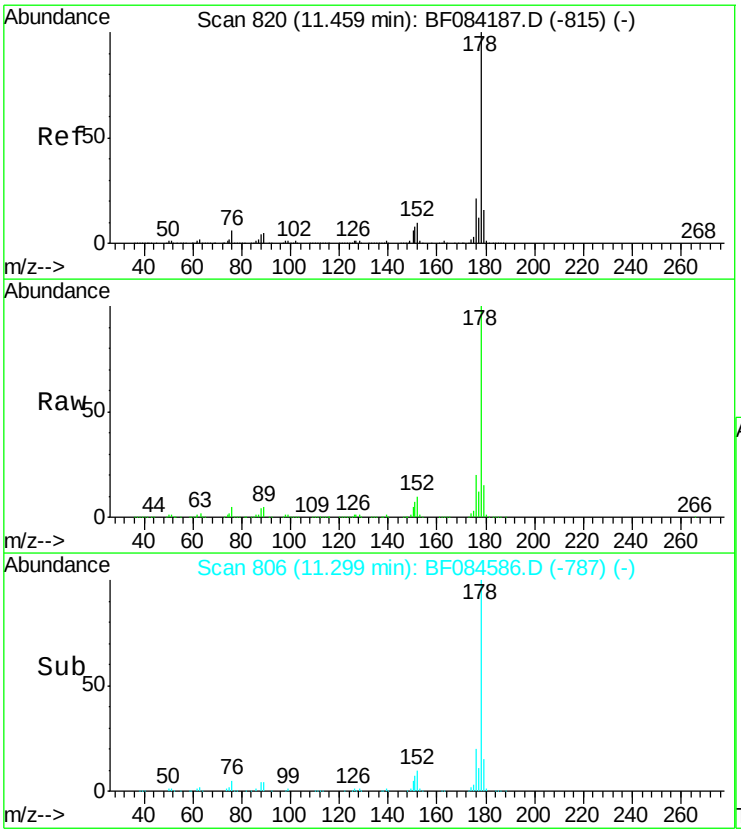
#69
Pentachlorophenol
Concen: 72.82 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion:266 Resp: 347639

Ion	Ratio	Lower	Upper
266	100		
268	64.2	52.4	78.6
264	64.1	50.2	75.2

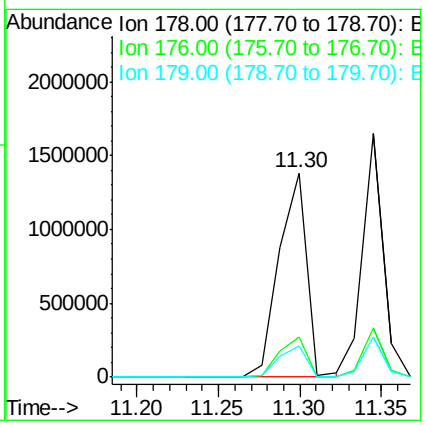


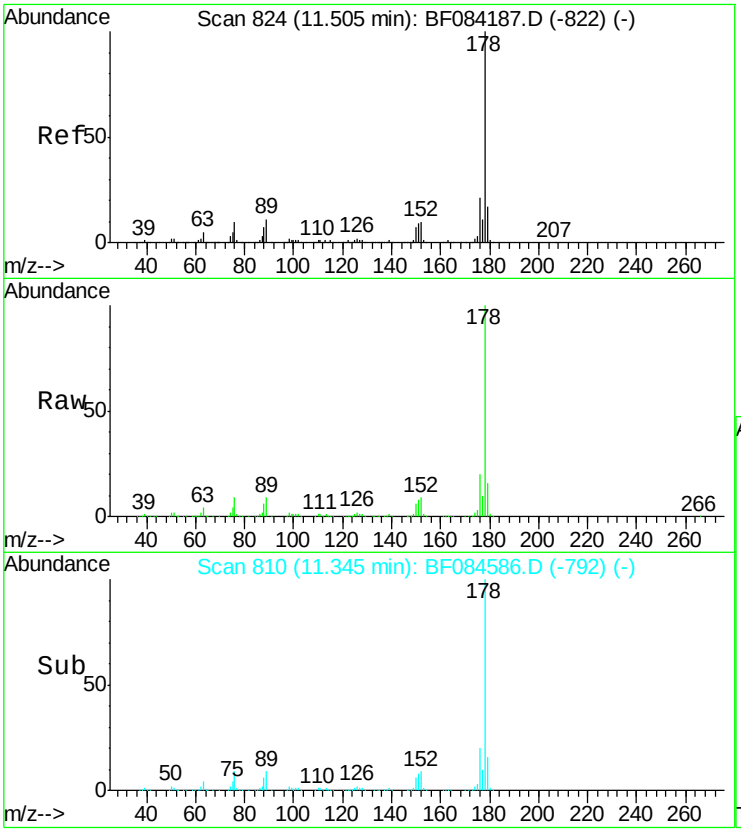


#70
Phenanthrene
Concen: 41.17 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:178 Resp: 1636920

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.3	22.9
179	15.3	12.0	18.0



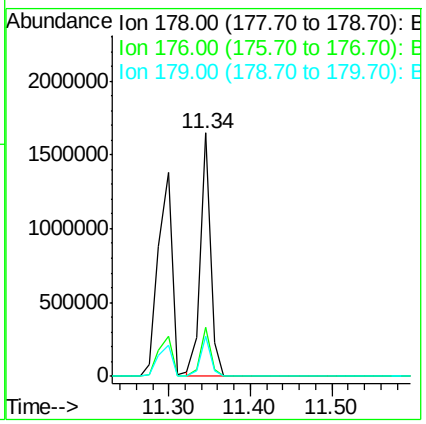


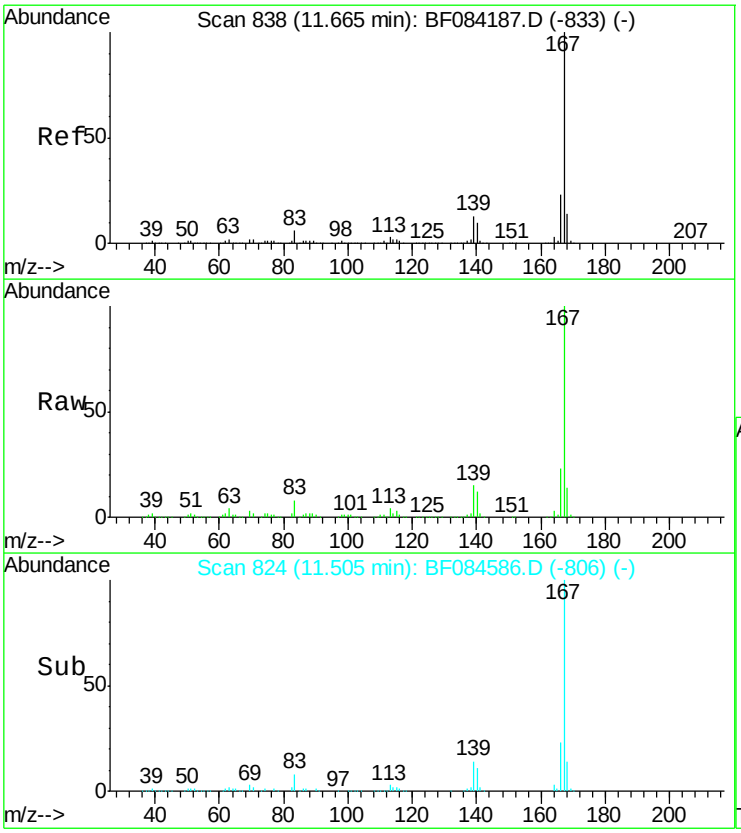
#71
Anthracene
Concen: 37.90 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion:178 Resp: 1476886

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.0
179	16.4	12.5	18.7

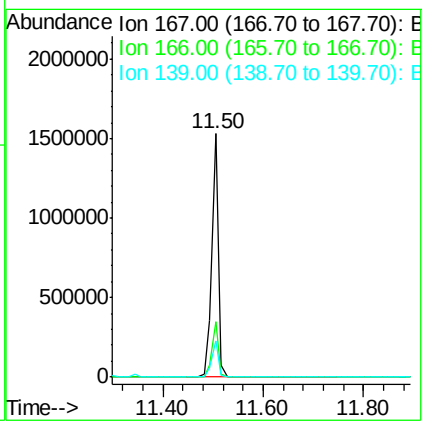


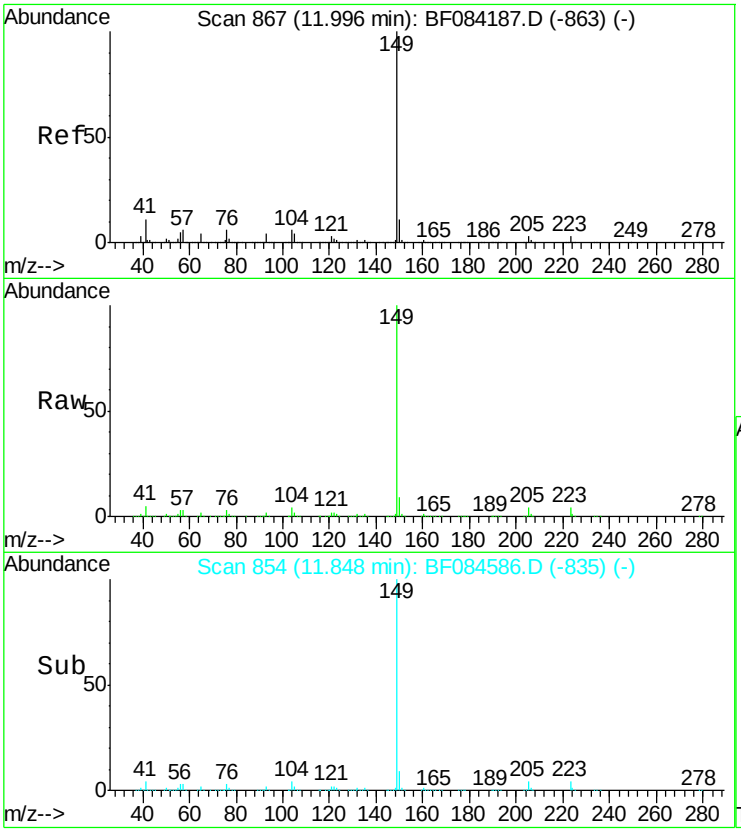


#72
Carbazole
Concen: 36.28 ng
RT: 11.50 min Scan# 824
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:167 Resp: 1382354

Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.6	26.4
139	14.8	11.8	17.8



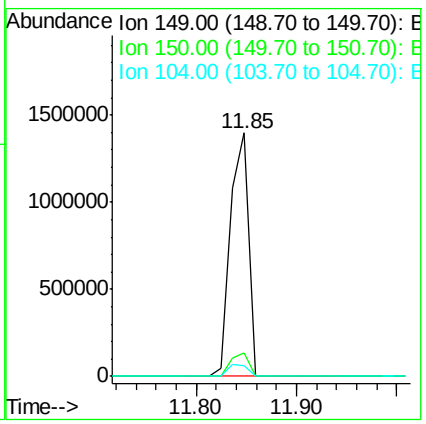


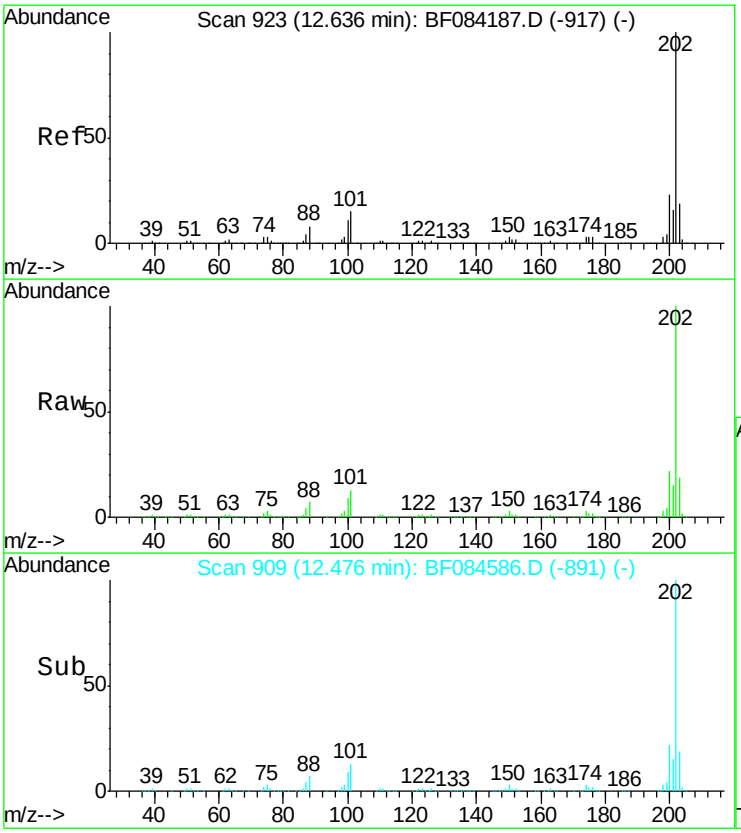
#73
Di-n-butylphthalate
Concen: 42.46 ng
RT: 11.85 min Scan# 854
Delta R.T. -0.08 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Instrument :
BNA_F
ClientSampleId :
PB87895BS

Tgt Ion:149 Resp: 1744746

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.1	10.7
104	4.3	3.2	4.8





#74
Fluoranthene
Concen: 36.03 ng
RT: 12.48 min Scan# 909
Delta R.T. -0.09 min
Lab File: BF084586.D
Acq: 22 Jan 2016 13:45

Tgt Ion:202 Resp: 1496397

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	32.8
203	18.8	0.0	37.9