Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
Data File : BF086343.D
Acq On : 21 Apr 2016 7:40
Operator : UM/SJ
Sample : H2617-05MSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-931WB(N)(19)MSD

Quant Time: Apr 21 08:28:16 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 15:45:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	211098	20.00	ng		-0.03
21) Naphthalene-d8	8.16	136	790045	20.00	ng		-0.02
38) Acenaphthene-d10	9.90	164	282022	20.00	ng		-0.03
63) Phenanthrene-d10	11.39	188	480014	20.00	ng		-0.02
75) Chrysene-d12	14.03	240	332450	20.00	ng		-0.02
86) Perylene-d12	15.46	264	252402	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1643948	135.87	ng		0.01
7) Phenol-d6	6.51	99	1833861	115.82	ng		-0.01
23) Nitrobenzene-d5	7.44	82	1225355	88.83	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	335761	152.75	ng		-0.02
44) 2-Fluorobiphenyl	9.23	172	1718667	130.30	ng		-0.03
78) Terphenyl-d14	12.98	244	1403018	100.46	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	261972	39.97	ng	#	82
3) Pyridine	3.36	79	678722	40.45	ng		98
4) n-Nitrosodimethylamine	3.29	42	291740	50.46	ng	#	76
6) Aniline	6.53	93	287718	13.50	ng	#	63
8) 2-Chlorophenol	6.66	128	611741	42.57	ng		85
9) Benzaldehyde	6.42	77	124979	11.14	ng		100
10) Phenol	6.52	94	707432	38.99	ng		94
11) bis(2-Chloroethyl)ether	6.61	93	717241	45.26	ng		96
12) 1,3-Dichlorobenzene	6.81	146	618134	39.20	ng		98
13) 1,4-Dichlorobenzene	6.89	146	664226	39.42	ng		98
14) 1,2-Dichlorobenzene	6.89	146	668657	44.74	ng		97
15) Benzyl Alcohol	7.01	79	447156	45.45	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	912076	40.90	ng		92
17) 2-Methylphenol	7.13	107	508699	42.35	ng		99
18) Hexachloroethane	7.38	117	112016	22.31	ng	#	88
19) n-Nitroso-di-n-propylamine	7.29	70	406878	42.42	ng	#	86
20) 3+4-Methylphenols	7.29	107	581022	44.59	ng	#	83
22) Acetophenone	7.28	105	813772	49.03	ng	#	93
24) Nitrobenzene	7.46	77	650287	44.06	ng		93
25) Isophorone	7.70	82	1239623	47.43	ng		94
26) 2-Nitrophenol	7.77	139	209377	31.72	ng	#	87
27) 2,4-Dimethylphenol	7.81	122	547293	42.27	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	774015	50.64	ng		99
29) 2,4-Dichlorophenol	8.02	162	470090	46.04	ng		93
30) 1,2,4-Trichlorobenzene	8.10	180	497390	45.16	ng		98
31) Naphthalene	8.18	128	1731645	45.98	ng		99
32) Benzoic acid	7.93	122	302881	39.37	ng		94
33) 4-Chloroaniline	8.22	127	179774	11.53	ng		97
34) Hexachlorobutadiene	8.29	225	237754	42.83	ng		98
35) Caprolactam	8.59	113	133353	40.33	ng	#	68
36) 4-Chloro-3-methylphenol	8.72	107	486465	42.37	ng		100
37) 2-Methylnaphthalene	8.86	142	1002181	43.09	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	410993	54.75	ng	#	96
40) Hexachlorocyclopentadiene	9.01	237	17038	10.93	ng		99

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
Data File : BF086343.D
Acq On : 21 Apr 2016 7:40
Operator : UM/SJ
Sample : H2617-05MSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-931WB(N)(19)MSD

Quant Time: Apr 21 08:28:16 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 15:45:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	264592	50.81	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	280767	49.50	ng		96
45) 1,1'-Biphenyl	9.33	154	1172679	52.95	ng		98
46) 2-Chloronaphthalene	9.36	162	866617	51.64	ng		98
47) 2-Nitroaniline	9.46	65	324005	56.80	ng	#	63
48) Acenaphthylene	9.77	152	1297980	49.53	ng		99
49) Dimethylphthalate	9.63	163	1069373	49.80	ng		100
50) 2,6-Dinitrotoluene	9.69	165	172129	38.96	ng	#	58
51) Acenaphthene	9.94	154	759461	49.39	ng		99
52) 3-Nitroaniline	9.86	138	248710	44.26	ng		98
53) 2,4-Dinitrophenol	9.97	184	2131	8.76	ng	#	1
54) Dibenzofuran	10.11	168	1116076	53.39	ng		93
55) 4-Nitrophenol	10.03	139	269898	77.47	ng		80
56) 2,4-Dinitrotoluene	10.10	165	195971	35.69	ng		95
57) Fluorene	10.45	166	755194	48.75	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	211805	55.66	ng	#	89
59) Diethylphthalate	10.33	149	1005114	47.97	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	367976	51.29	ng		90
61) 4-Nitroaniline	10.48	138	299123	56.87	ng		87
62) Azobenzene	10.61	77	1022204	49.49	ng		89
64) 4,6-Dinitro-2-methylphenol	10.51	198	2357	7.42	ng	#	27
65) n-Nitrosodiphenylamine	10.57	169	735705	46.52	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	234819	45.53	ng	#	90
67) Hexachlorobenzene	11.00	284	228080	44.06	ng		98
68) Atrazine	11.09	200	180358	37.10	ng		99
69) Pentachlorophenol	11.20	266	251384	92.70	ng		96
70) Phenanthrene	11.41	178	1133121	49.81	ng		99
71) Anthracene	11.47	178	1254554	51.50	ng		97
72) Carbazole	11.62	167	1194086	51.80	ng		99
73) Di-n-butylphthalate	11.95	149	1453583	48.97	ng		100
74) Fluoranthene	12.60	202	1210093	57.38	ng		99
76) Benzidine	12.73	184	602057	41.02	ng		95
77) Pyrene	12.83	202	1186646	48.12	ng		99
79) Butylbenzylphthalate	13.45	149	628602	48.29	ng	#	82
80) Benzo(a)anthracene	14.02	228	824878	47.10	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	328430	27.11	ng	#	96
82) Chrysene	14.05	228	909368	48.04	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	781515	51.26	ng	#	98
84) Di-n-octyl phthalate	14.63	149	1512606	55.05	ng		97
85) Indeno(1,2,3-cd)pyrene	16.87	276	717564	36.87	ng		97
87) Benzo(b)fluoranthene	15.05	252	1457289	99.82	ng		99
88) Benzo(k)fluoranthene	15.05	252	1457732	118.61	ng	#	98
89) Benzo(a)pyrene	15.40	252	679849	50.53	ng		96
90) Dibenzo(a,h)anthracene	16.88	278	607691	51.74	ng		97
91) Benzo(g,h,i)perylene	17.29	276	598457	53.14	ng		99

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

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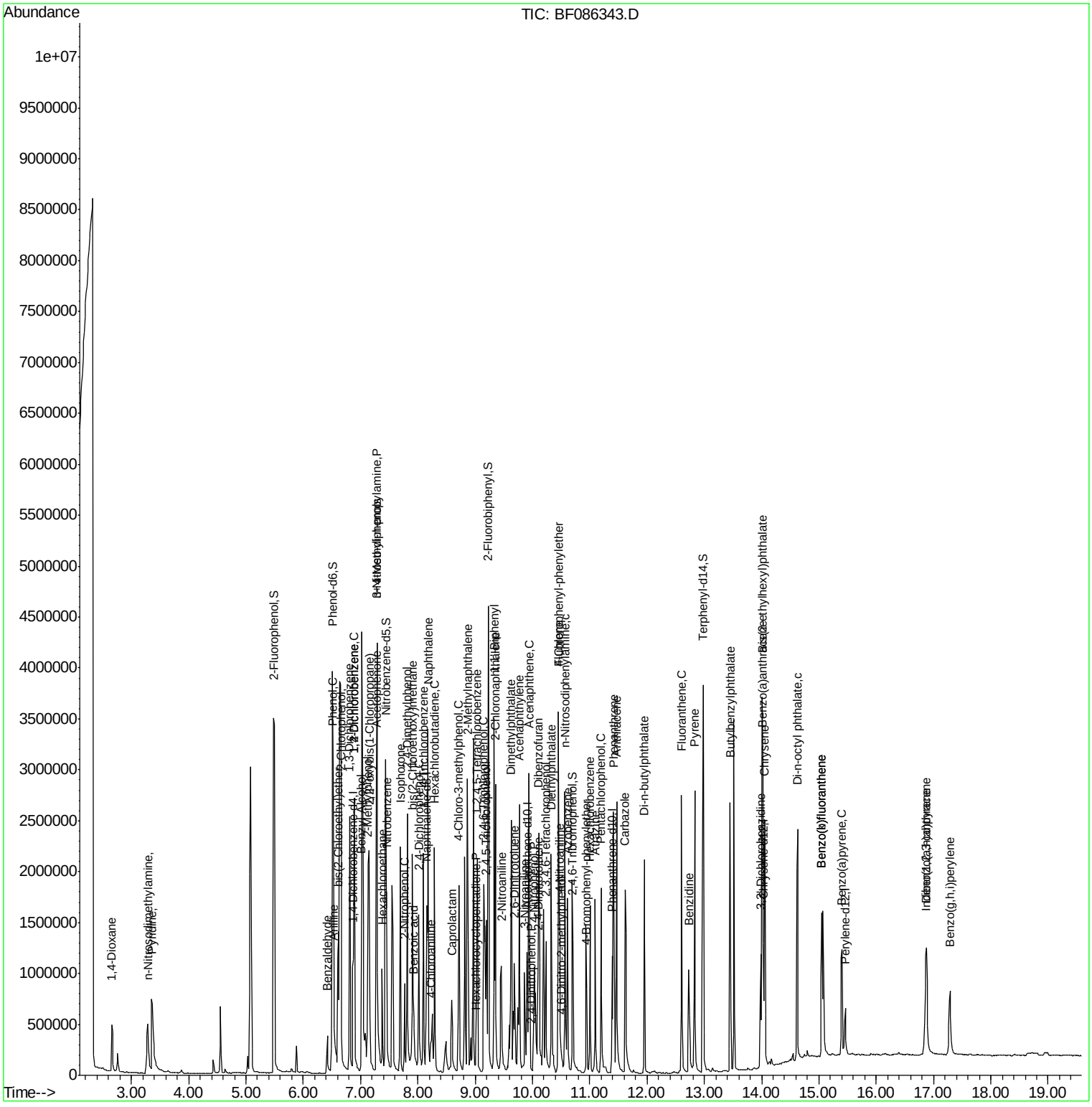
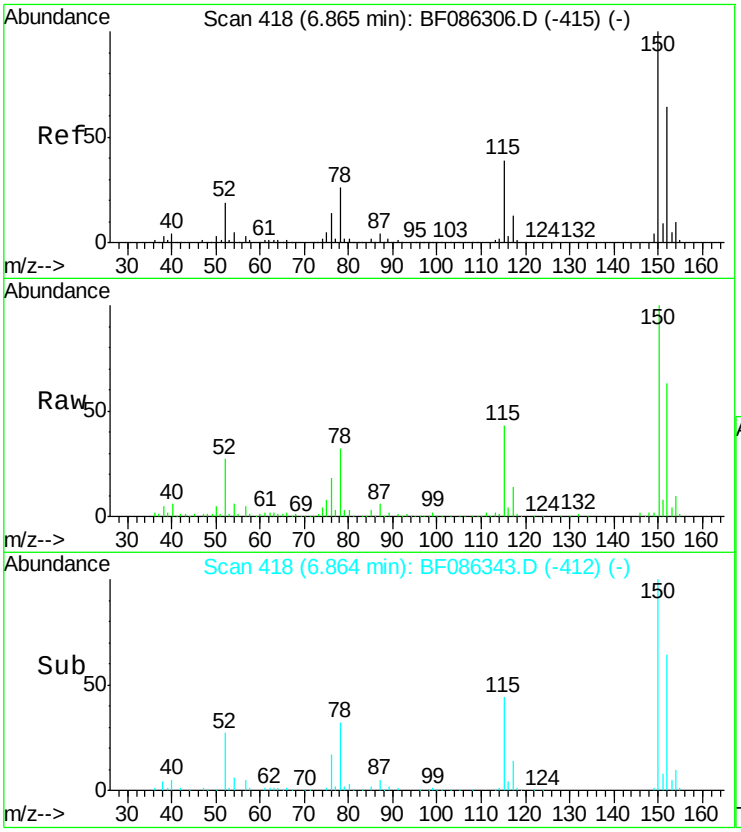
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
Data File : BF086343.D
Acq On : 21 Apr 2016 7:40
Operator : UM/SJ
Sample : H2617-05MSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Quant Time: Apr 21 08:28:16 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 15:45:26 2016
Response via : Initial Calibration



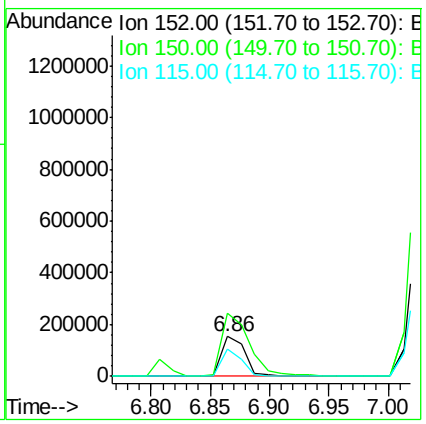


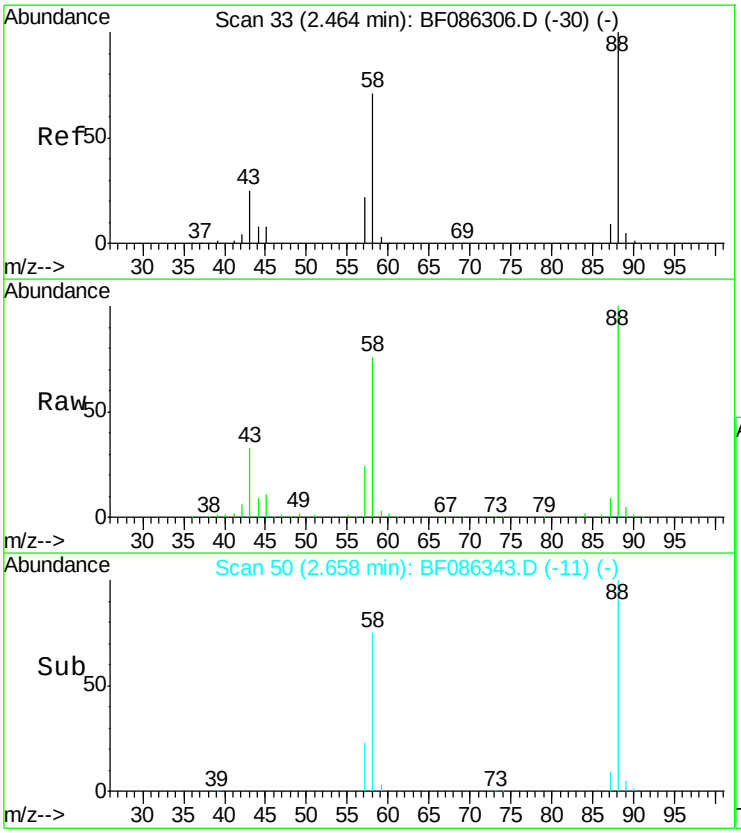
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:152 Resp: 211098

Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.1	186.1
115	68.7	43.9	65.9#

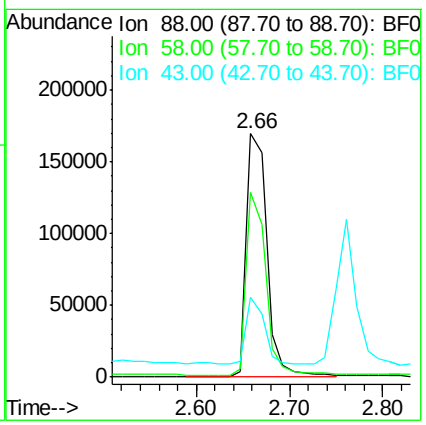


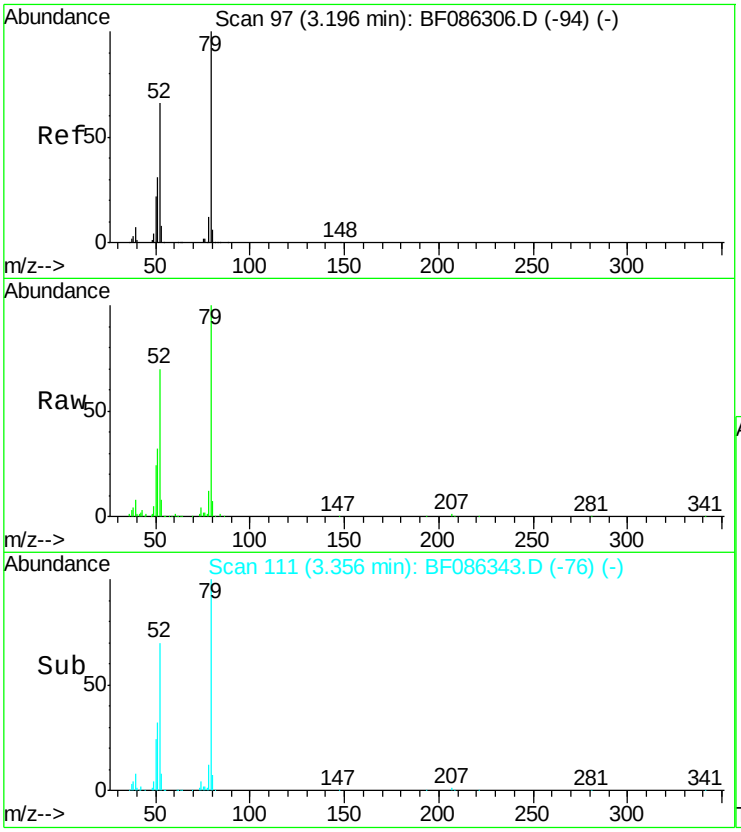


#2
1,4-Dioxane
Concen: 39.97 ng
RT: 2.66 min Scan# 50
Delta R.T. 0.15 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion: 88 Resp: 261972

Ion	Ratio	Lower	Upper
88	100		
58	70.7	58.4	87.6
43	0.0	23.3	34.9#



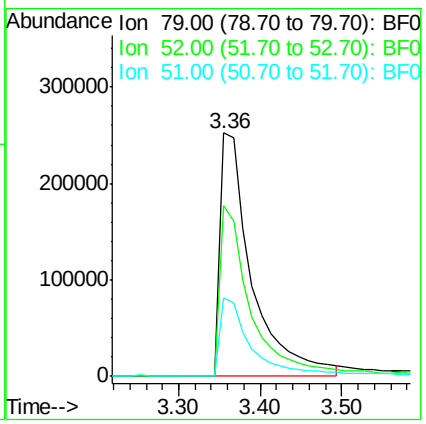


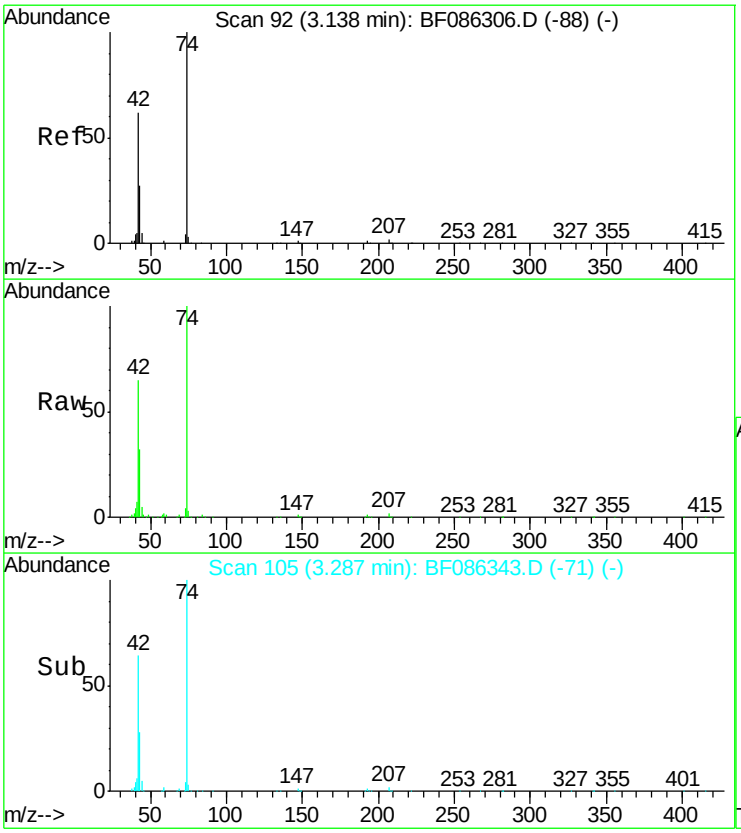
#3
Pyridine
Concen: 40.45 ng
RT: 3.36 min Scan# 111
Delta R.T. 0.10 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion: 79 Resp: 678722

Ion	Ratio	Lower	Upper
79	100		
52	70.0	55.4	83.2
51	32.1	28.1	42.1

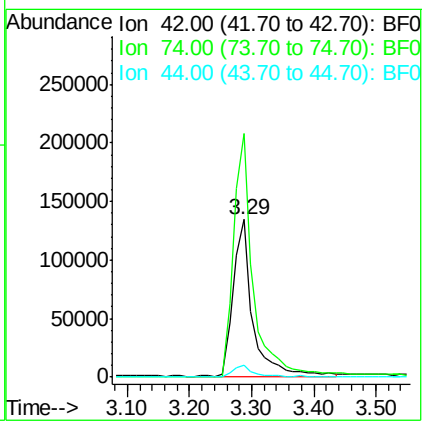


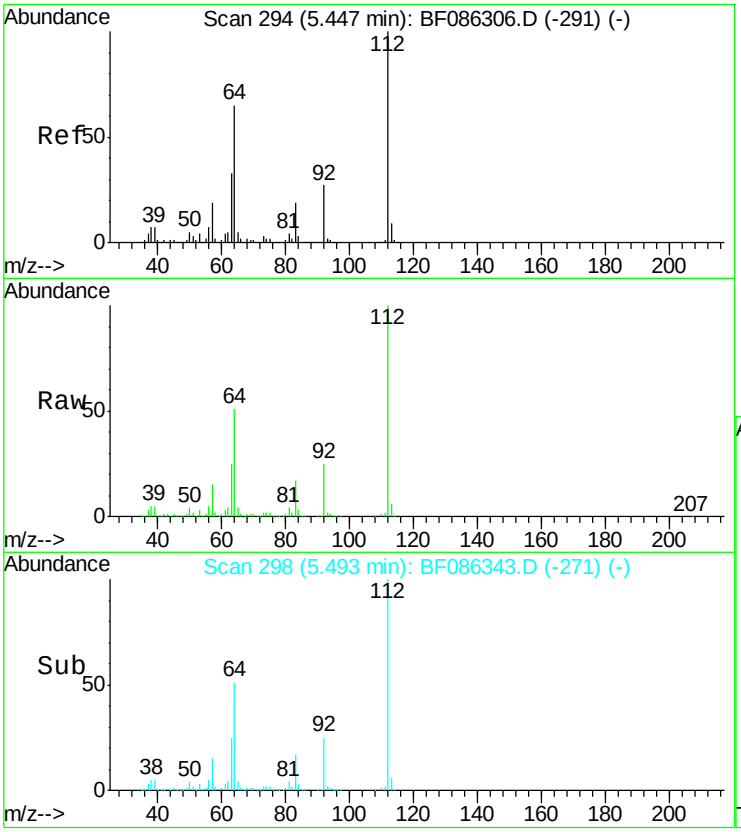


#4
n-Nitrosodimethylamine
Concen: 50.46 ng
RT: 3.29 min Scan# 105
Delta R.T. 0.09 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion: 42 Resp: 291740

Ion	Ratio	Lower	Upper
42	100		
74	154.3	100.5	150.7#
44	7.7	5.4	8.0



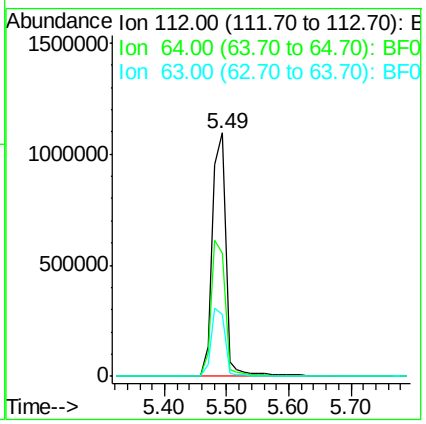


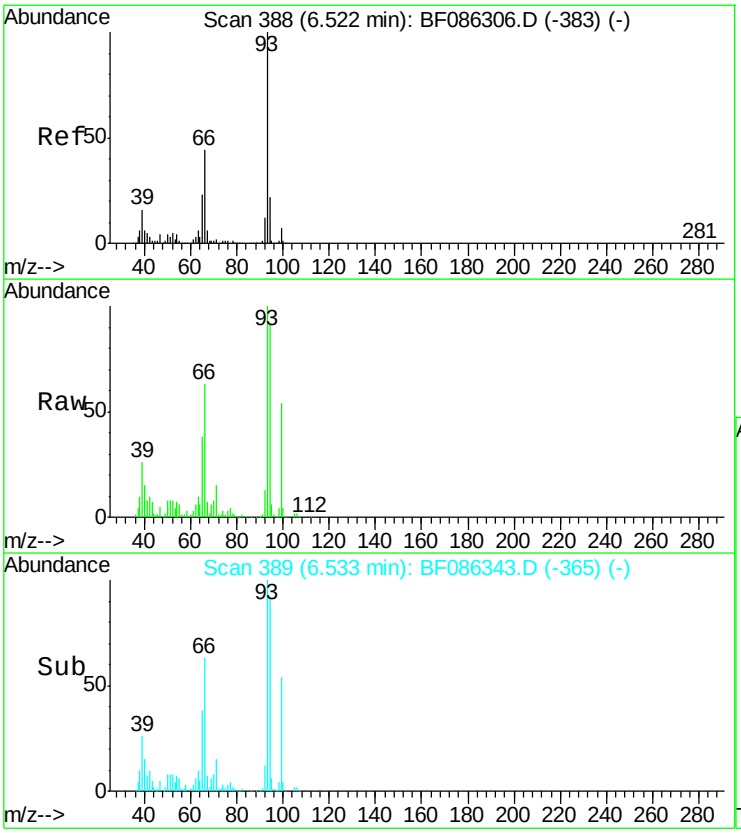
#5
2-Fluorophenol
Concen: 135.87 ng
RT: 5.49 min Scan# 298
Delta R.T. 0.01 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:112 Resp: 1643948

Ion	Ratio	Lower	Upper
112	100		
64	50.7	48.1	72.1
63	25.3	25.5	38.3#

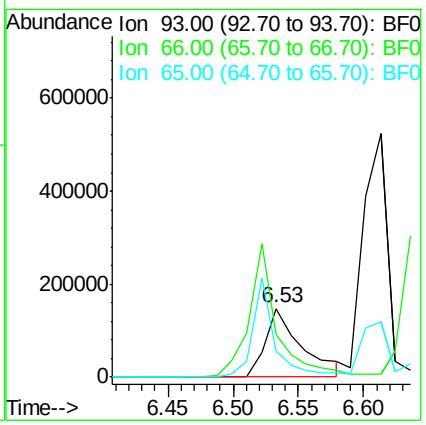


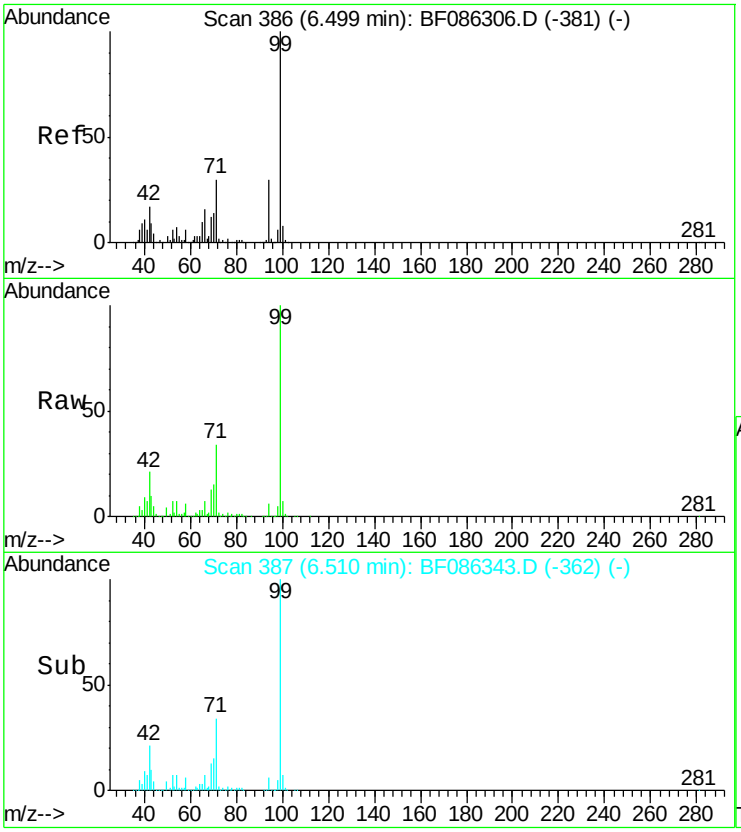


#6
Aniline
Concen: 13.50 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion: 93 Resp: 287718

Ion	Ratio	Lower	Upper
93	100		
66	62.6	32.2	48.2#
65	38.4	16.4	24.6#



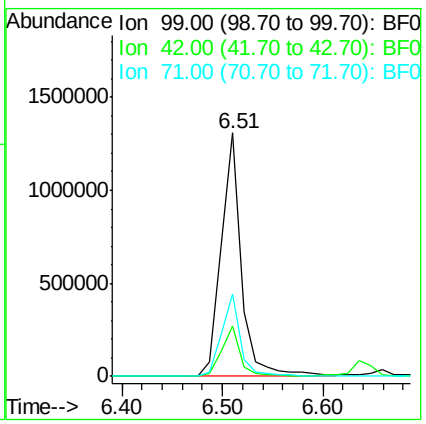


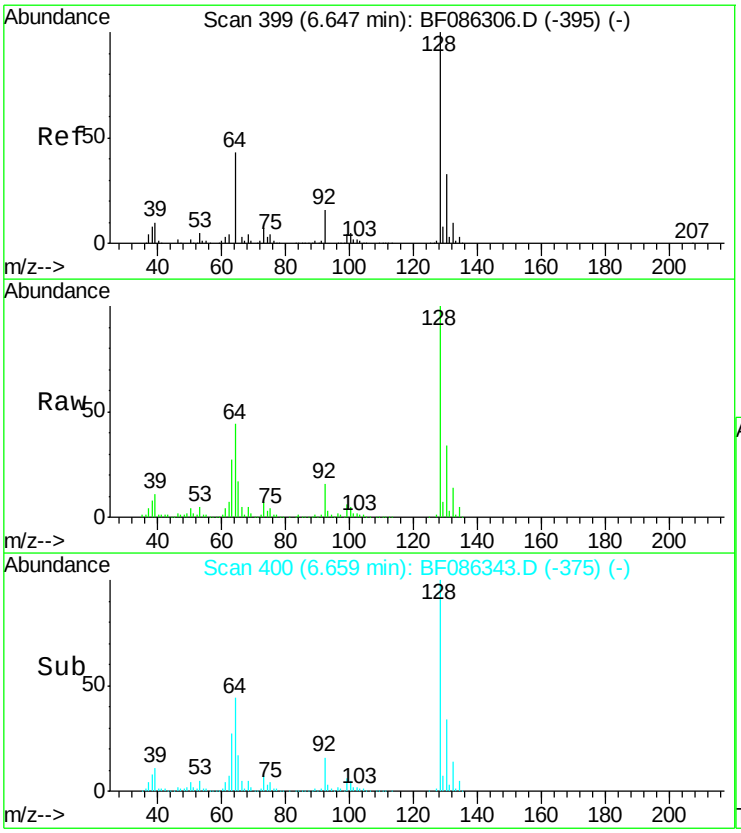
#7
Phenol-d6
Concen: 115.82 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion: 99 Resp: 1833861

Ion	Ratio	Lower	Upper
99	100		
42	20.6	15.4	23.2
71	33.8	25.6	38.4

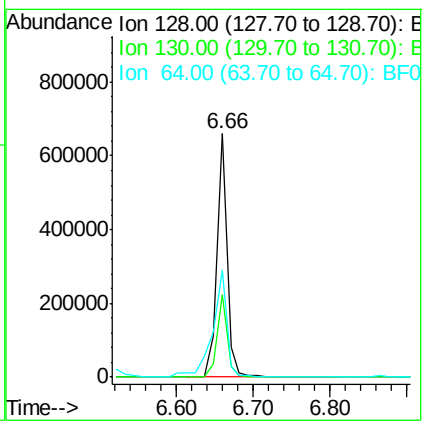


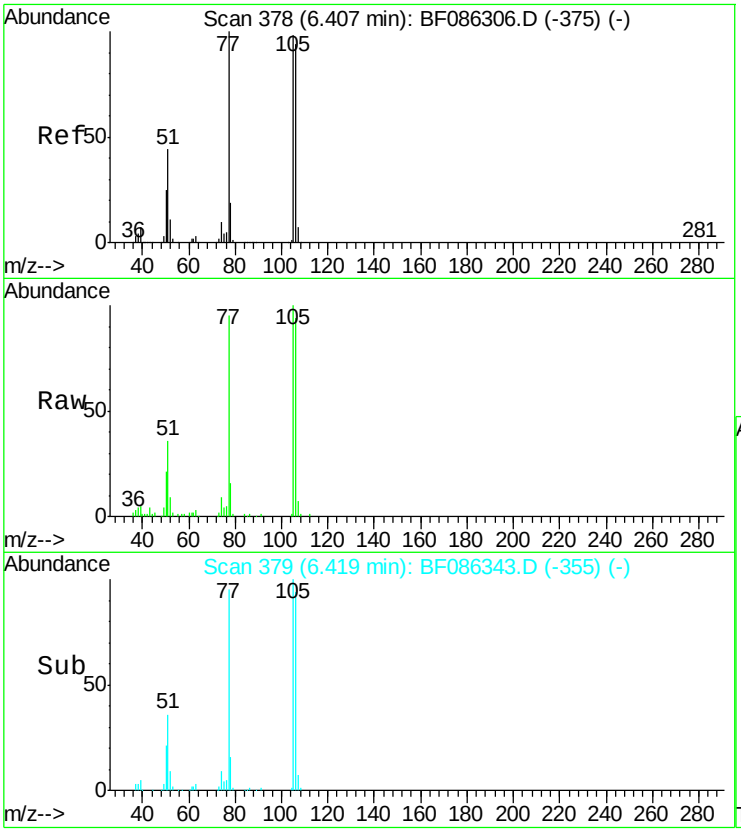


#8
2-Chlorophenol
Concen: 42.57 ng
RT: 6.66 min Scan# 400
Delta R.T. -0.01 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:128 Resp: 611741

Ion	Ratio	Lower	Upper
128	100		
130	33.6	11.8	51.8
64	43.9	39.5	79.5



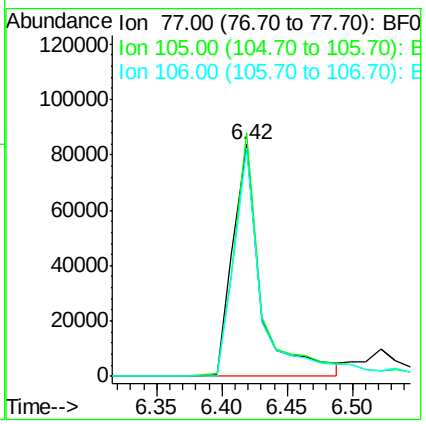


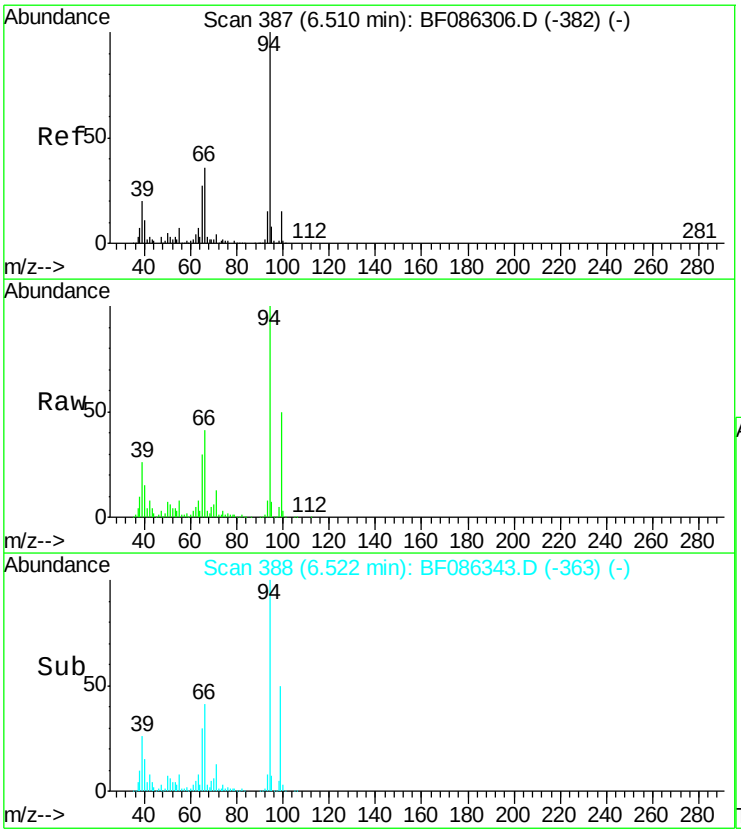
#9
Benzaldehyde
Concen: 11.14 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion: 77 Resp: 124979

Ion	Ratio	Lower	Upper
77	100		
105	105.2	84.6	124.6
106	98.7	78.6	118.6

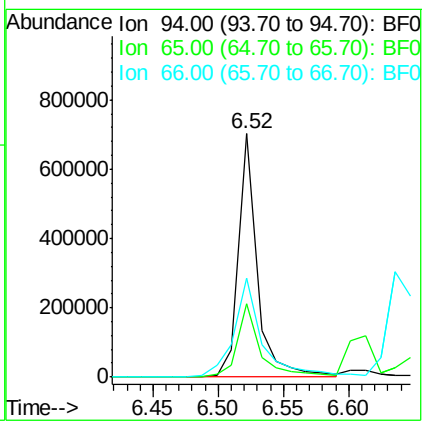


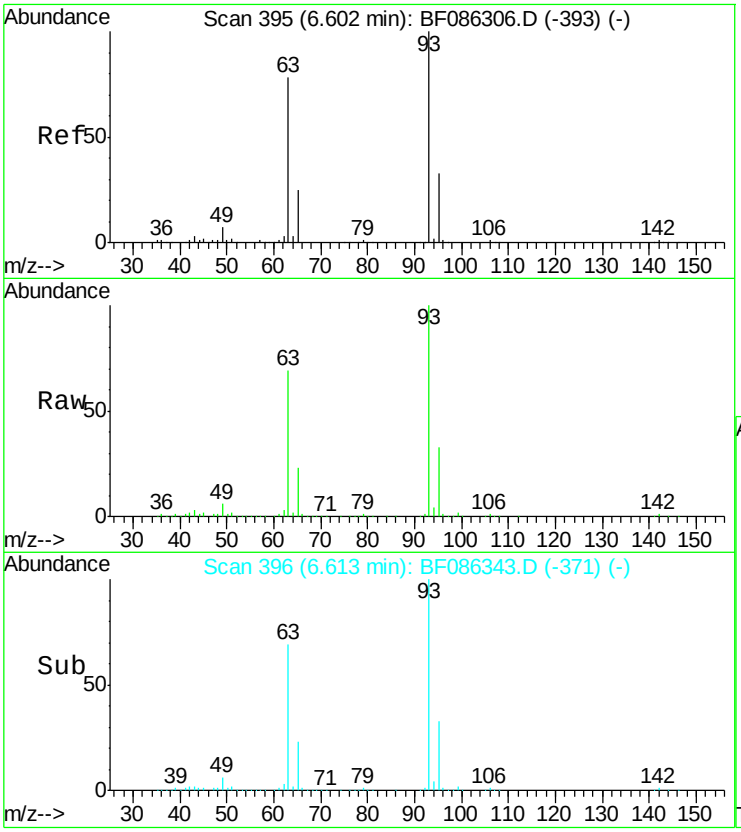


#10
Phenol
Concen: 38.99 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion: 94 Resp: 707432

Ion	Ratio	Lower	Upper
94	100		
65	30.2	7.9	47.9
66	40.9	16.5	56.5



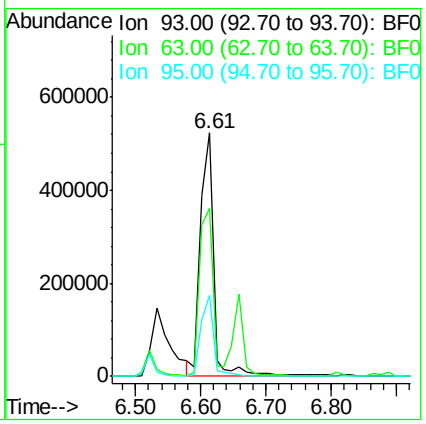


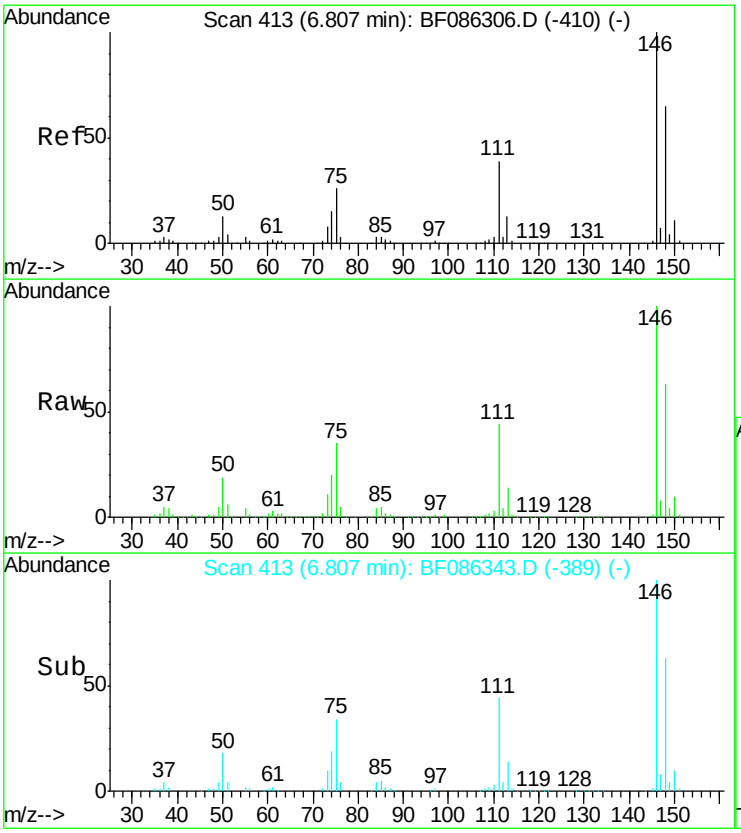
#11
bis(2-Chloroethyl)ether
Concen: 45.26 ng
RT: 6.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion: 93 Resp: 717241

Ion	Ratio	Lower	Upper
93	100		
63	68.8	44.4	84.4
95	33.2	13.1	53.1

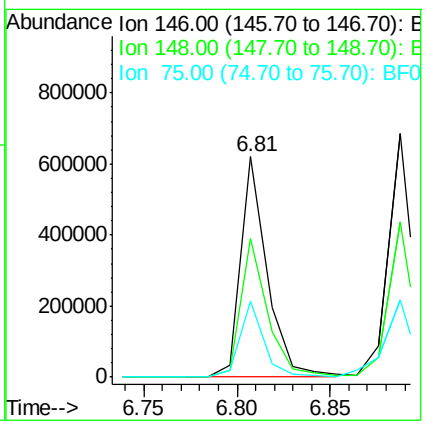


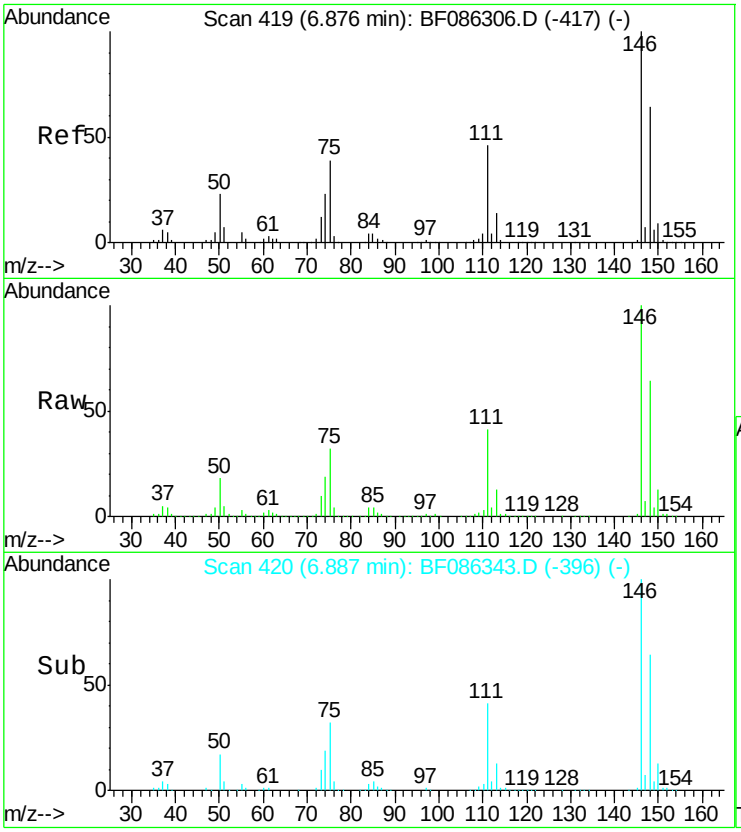


#12
1,3-Dichlorobenzene
Concen: 39.20 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:146 Resp: 618134

Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.0	76.4
75	34.6	29.9	44.9



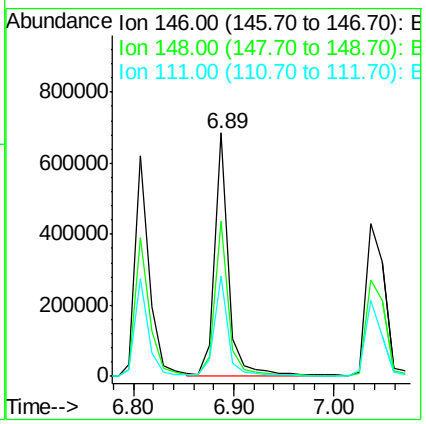


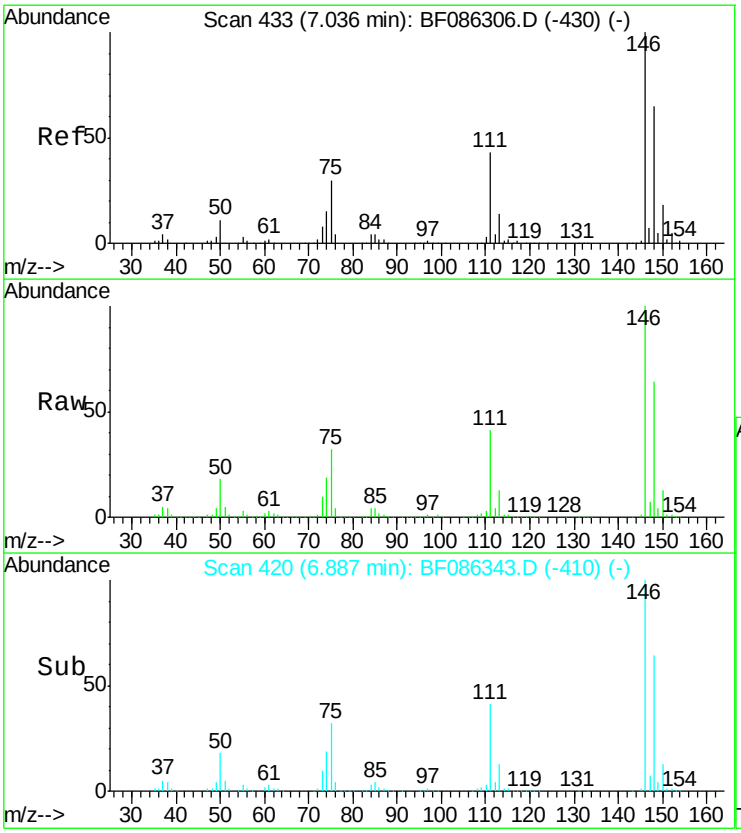
#13
1,4-Dichlorobenzene
Concen: 39.42 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:146 Resp: 664226

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.6
111	41.4	34.9	52.3

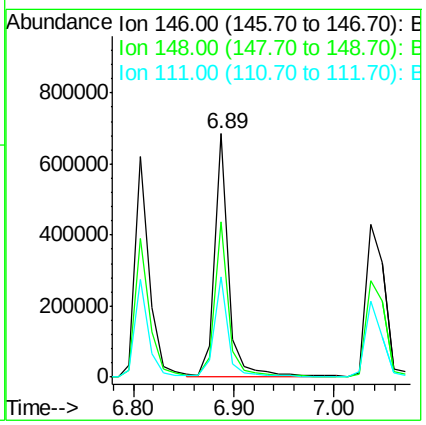


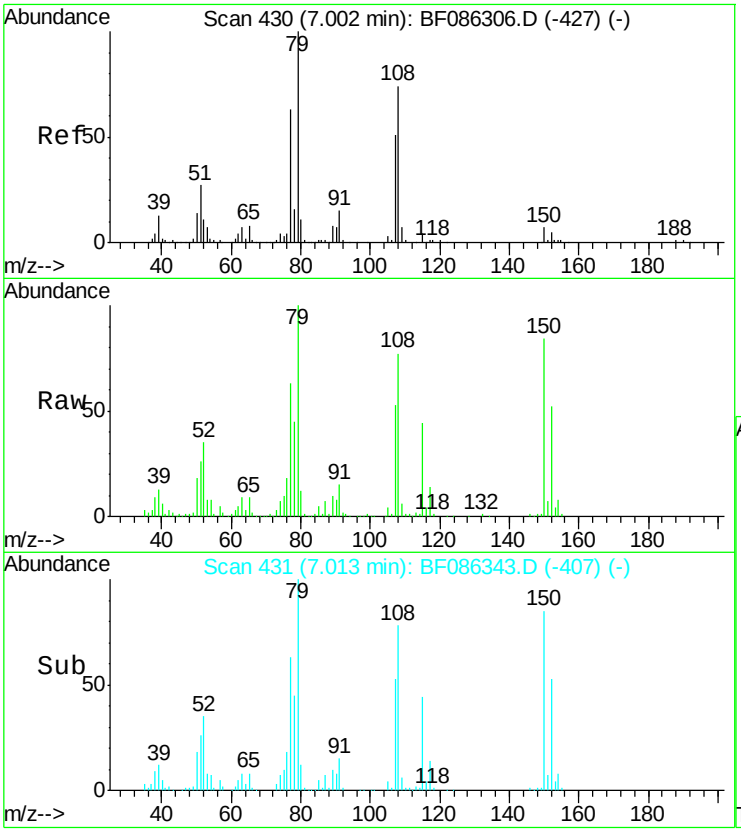


#14
1,2-Dichlorobenzene
Concen: 44.74 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.18 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:146 Resp: 668657

Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.2	78.2
111	41.4	31.0	46.4



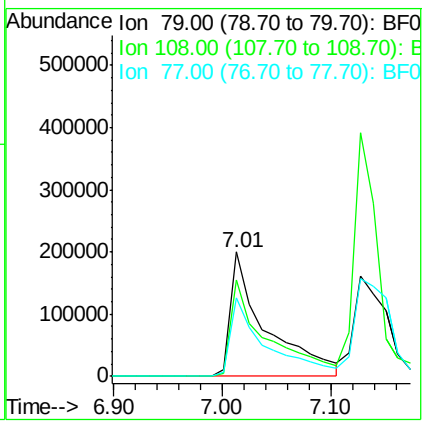


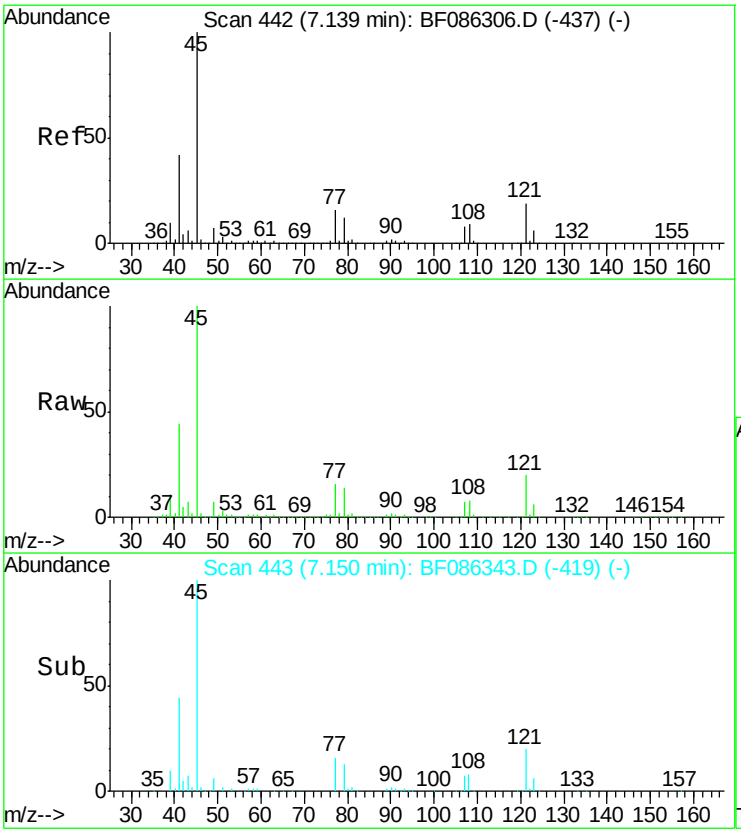
#15
Benzyl Alcohol
Concen: 45.45 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion: 79 Resp: 447156

Ion	Ratio	Lower	Upper
79	100		
108	77.4	64.8	97.2
77	63.3	51.9	77.9

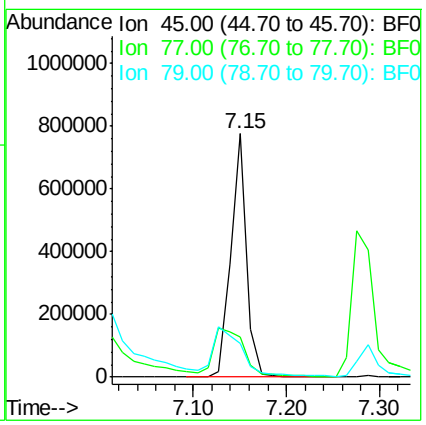


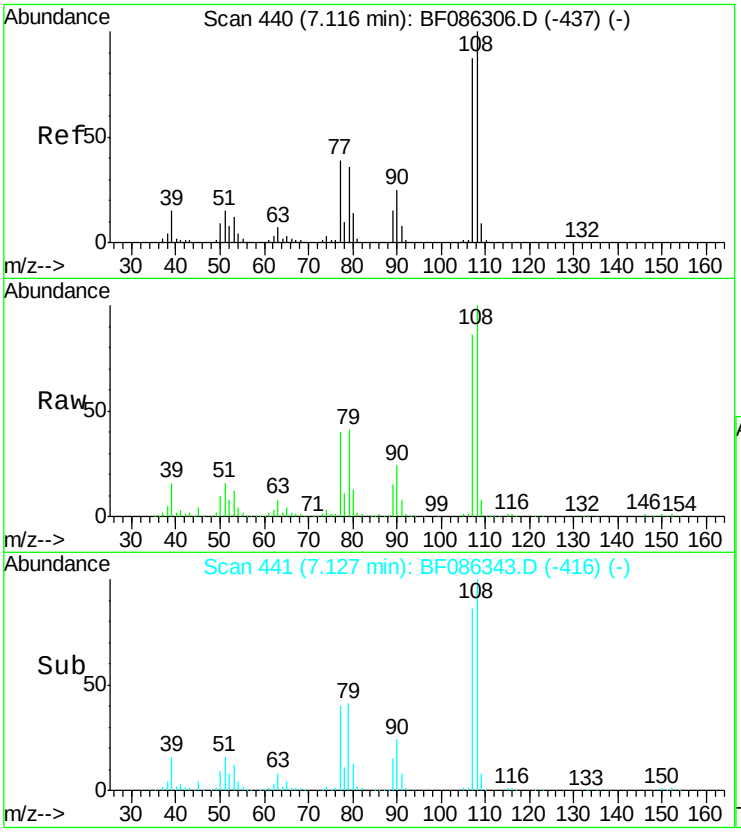


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.90 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion: 45 Resp: 912076

Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	33.7
79	13.7	0.0	30.1



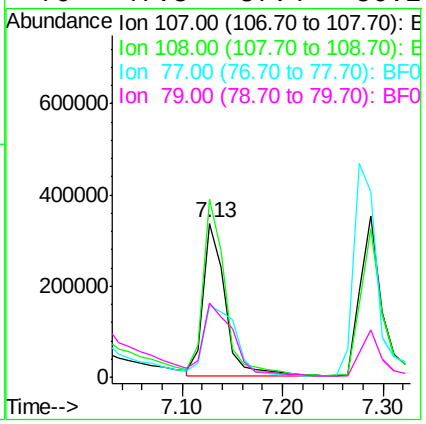


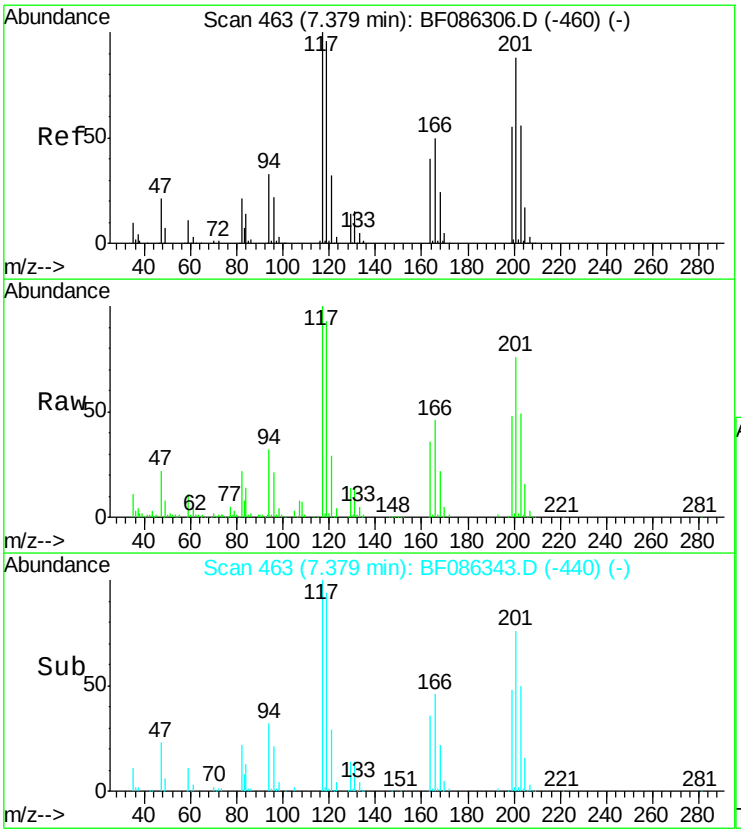
#17
2-Methylphenol
Concen: 42.35 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:107 Resp: 508699

Ion	Ratio	Lower	Upper
107	100		
108	115.8	92.7	139.1
77	46.5	39.6	59.4
79	47.8	37.4	56.2

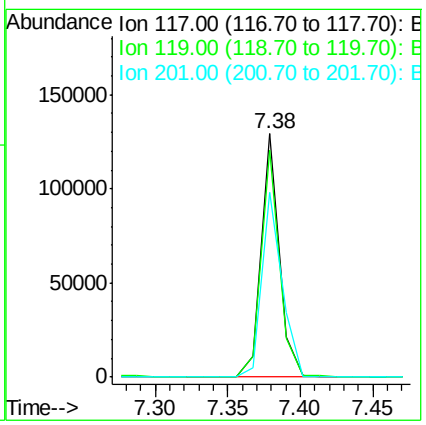


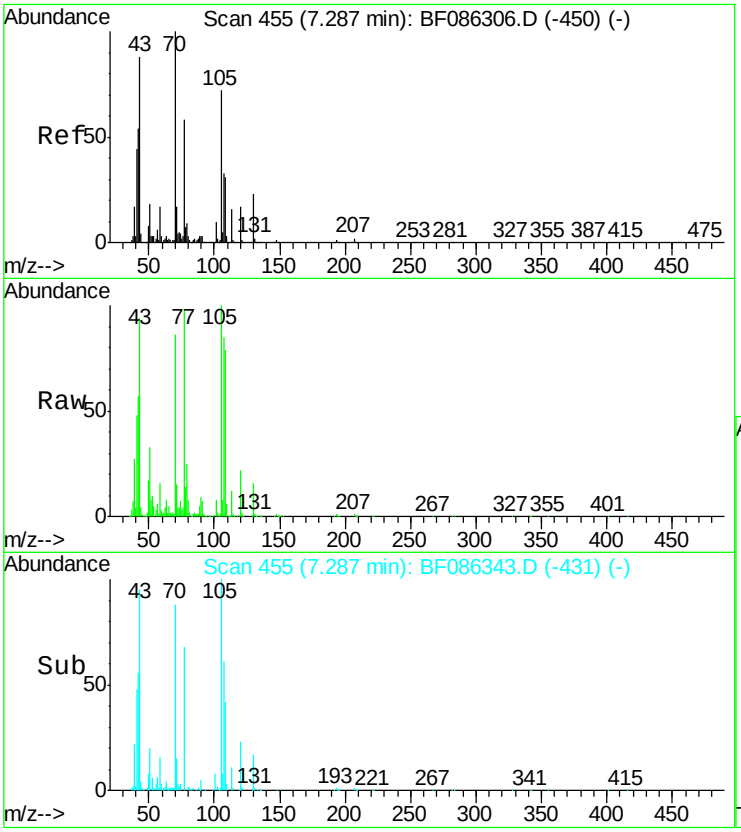


#18
Hexachloroethane
Concen: 22.31 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.03 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:117 Resp: 112016

Ion	Ratio	Lower	Upper
117	100		
119	93.1	78.2	117.4
201	75.6	75.7	113.5#



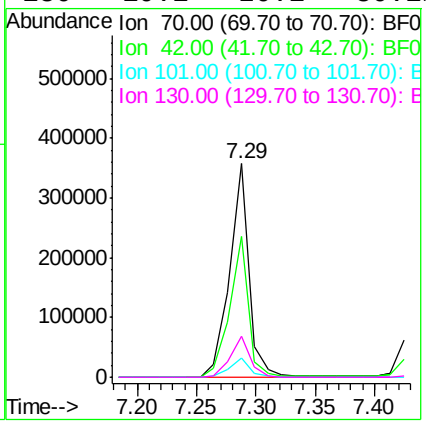


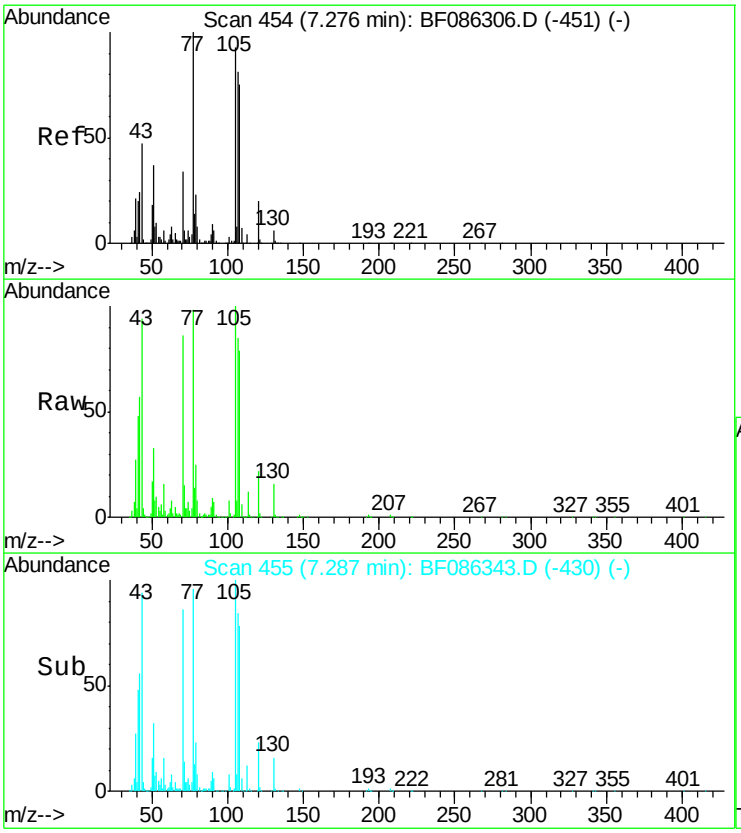
#19
n-Nitroso-di-n-propylamine
Concen: 42.42 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion: 70 Resp: 406878

Ion	Ratio	Lower	Upper
70	100		
42	65.7	43.0	64.4#
101	9.0	8.1	12.1
130	19.1	20.1	30.1#

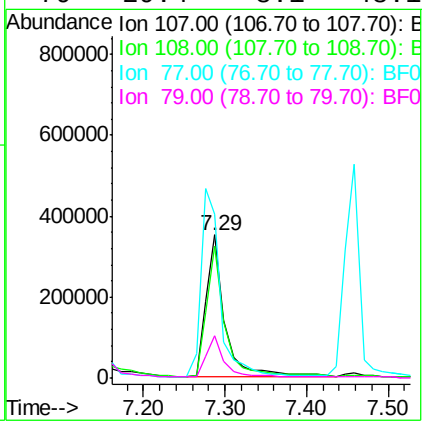


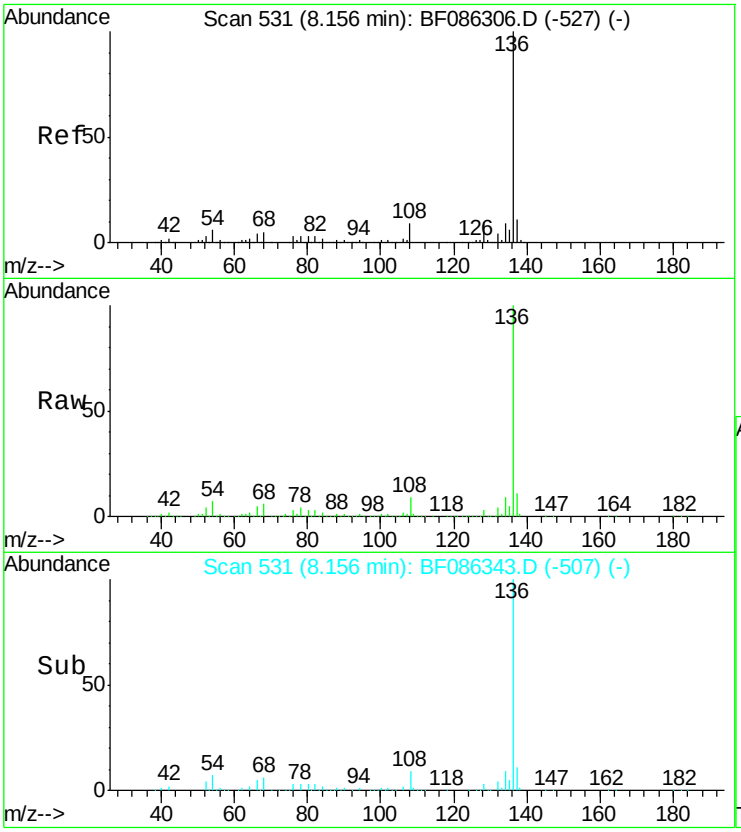


#20
3+4-Methylphenols
Concen: 44.59 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:107 Resp: 581022

Ion	Ratio	Lower	Upper
107	100		
108	92.5	69.7	109.7
77	114.8	60.5	100.5#
79	29.4	8.1	48.1



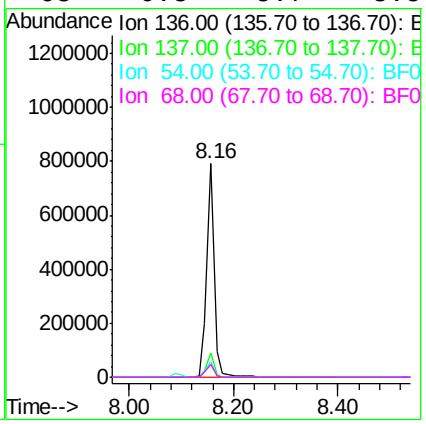


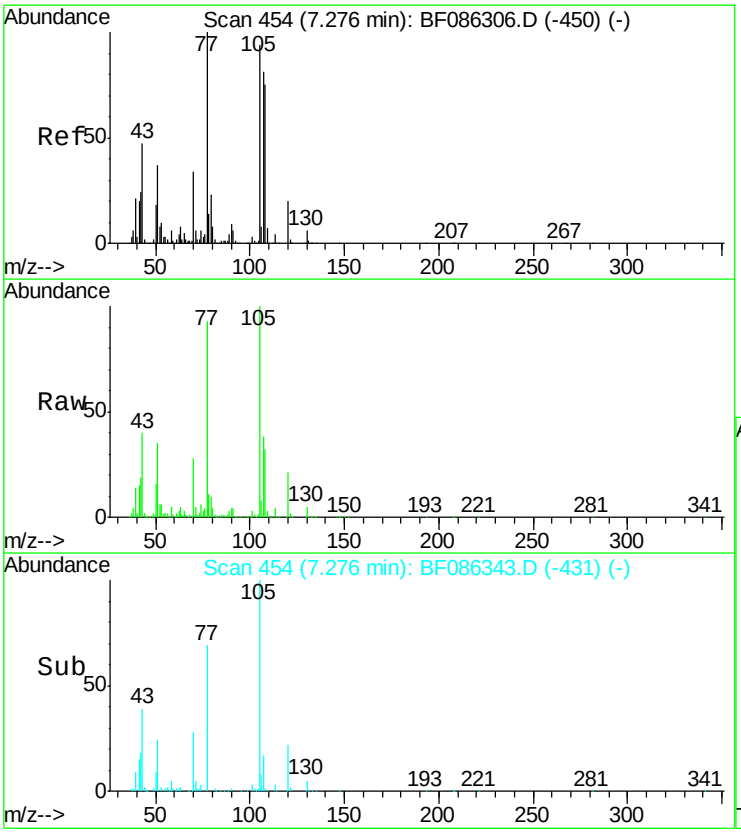
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:136 Resp: 790045

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.4	7.3	10.9
68	6.3	5.7	8.5

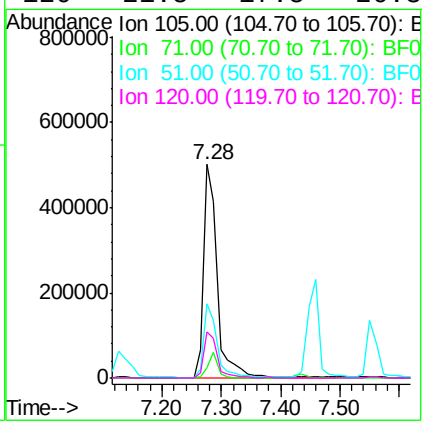


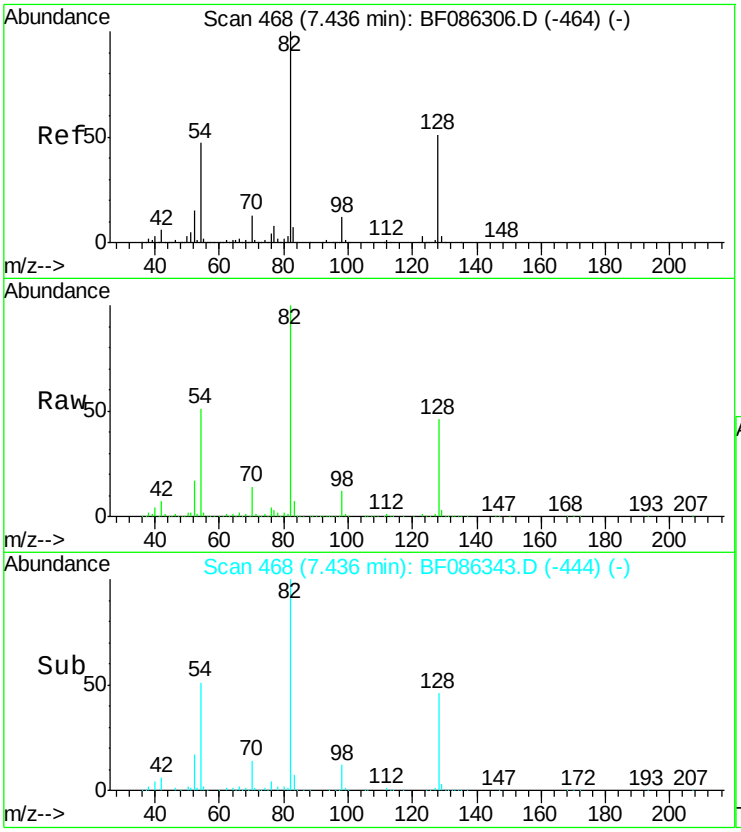


#22
Acetophenone
Concen: 49.03 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:105 Resp: 813772

Ion	Ratio	Lower	Upper
105	100		
71	5.0	4.0	6.0
51	34.5	22.0	33.0#
120	21.5	17.5	26.3



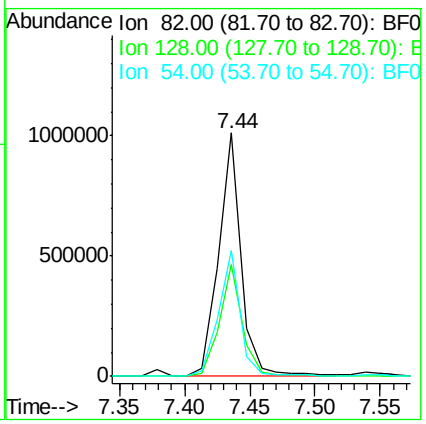


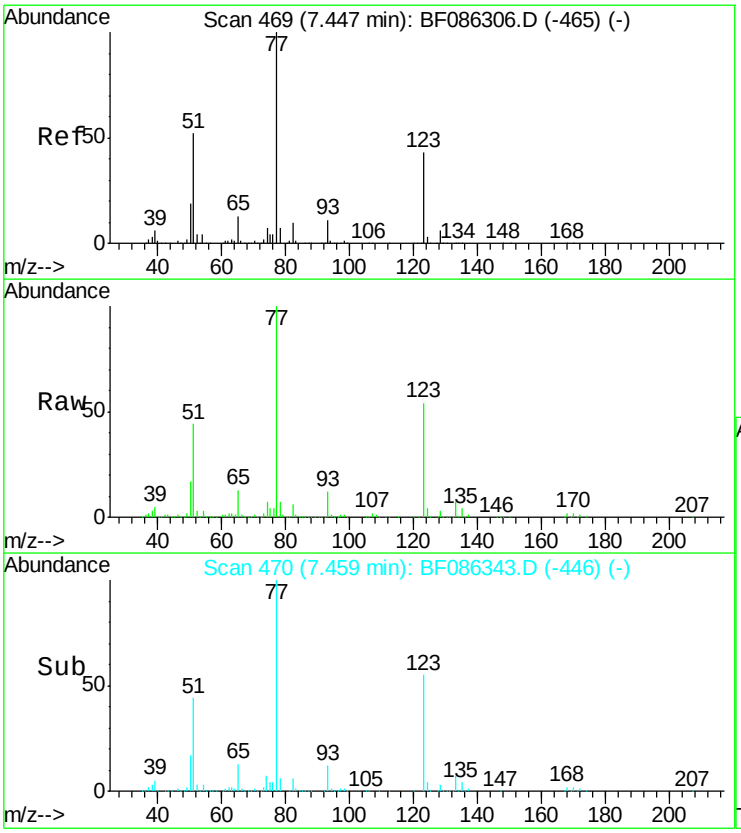
#23
Nitrobenzene-d5
Concen: 88.83 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion: 82 Resp: 1225355

Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.4	53.2
54	51.5	43.4	65.0

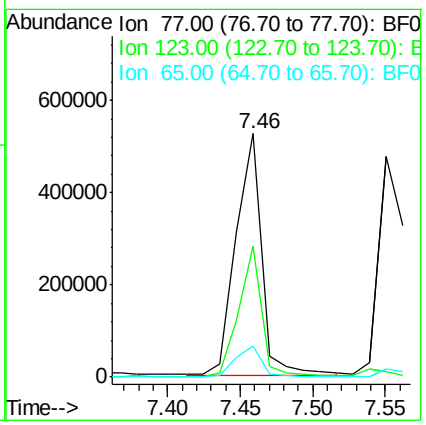


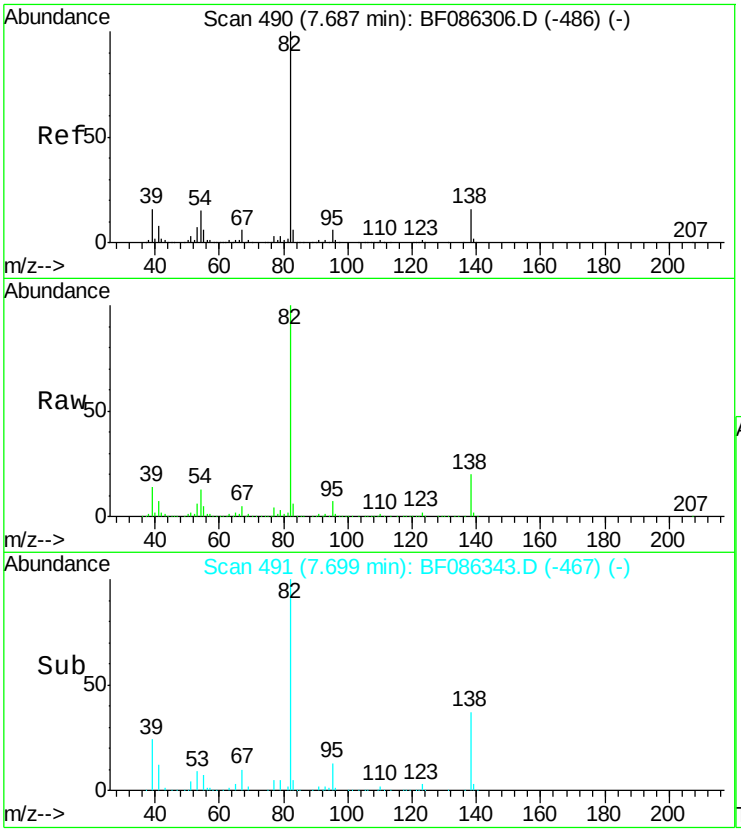


#24
Nitrobenzene
Concen: 44.06 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion: 77 Resp: 650287

Ion	Ratio	Lower	Upper
77	100		
123	53.7	38.3	57.5
65	12.8	11.3	16.9



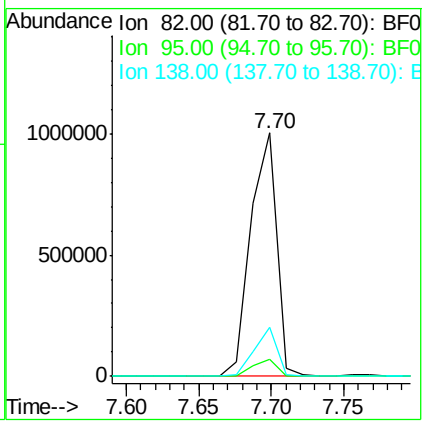


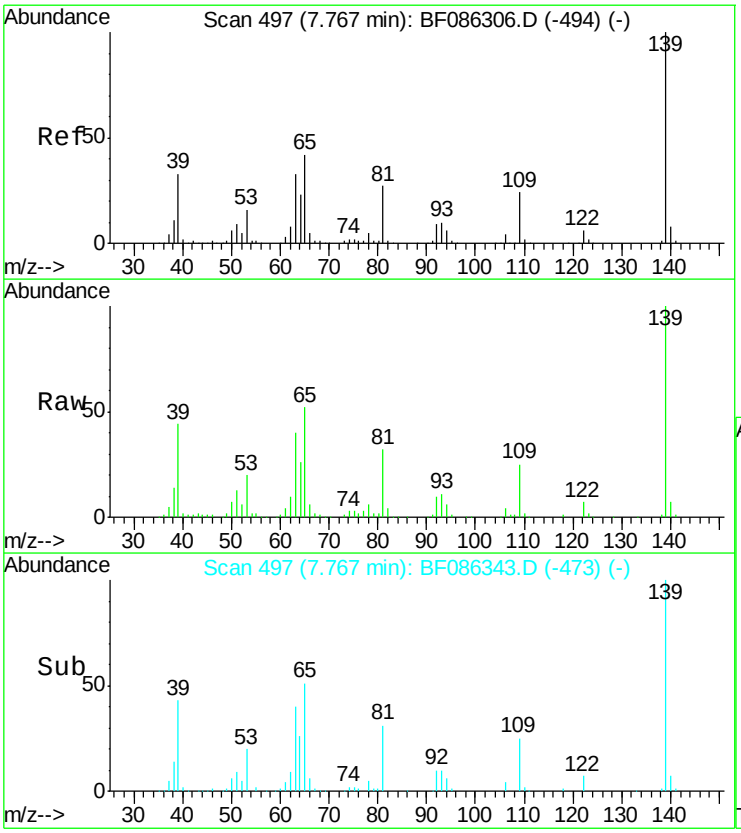
#25
Isophorone
Concen: 47.43 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion: 82 Resp: 1239623

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.4	8.2
138	20.1	13.4	20.2

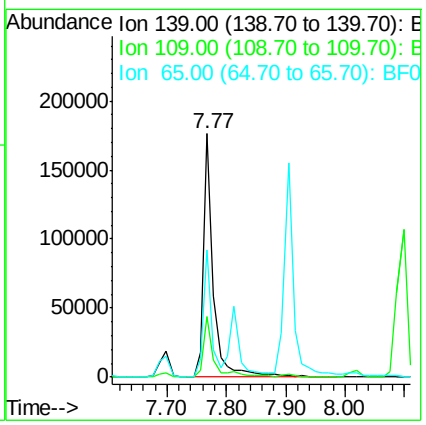


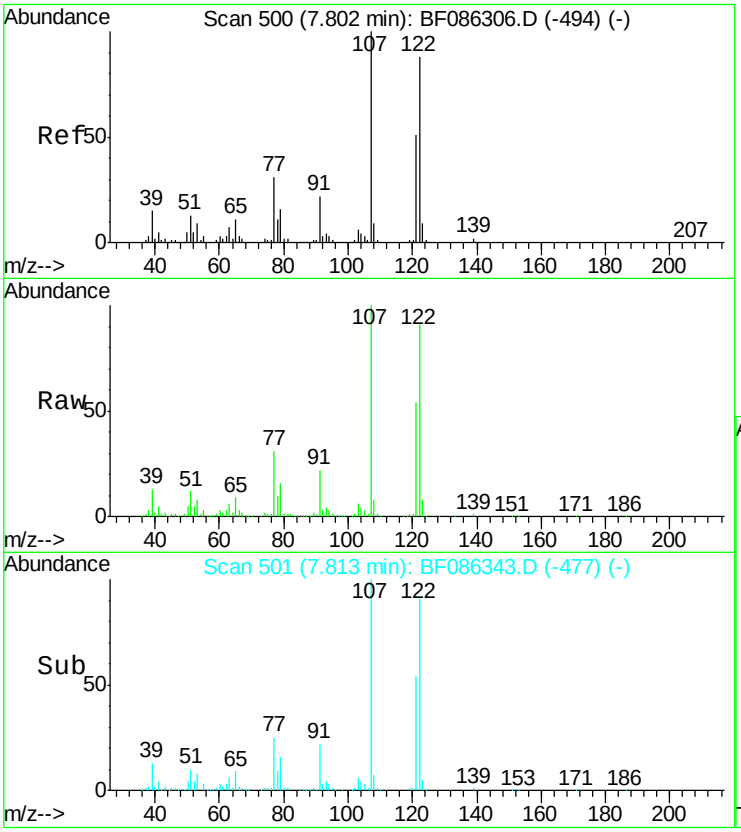


#26
2-Nitrophenol
Concen: 31.72 ng
RT: 7.77 min Scan# 497
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:139 Resp: 209377

Ion	Ratio	Lower	Upper
139	100		
109	25.1	25.8	38.8#
65	52.1	50.2	75.2



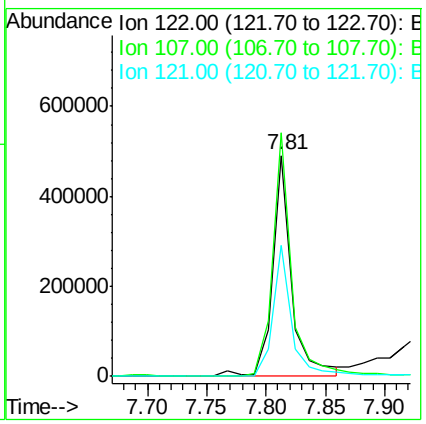


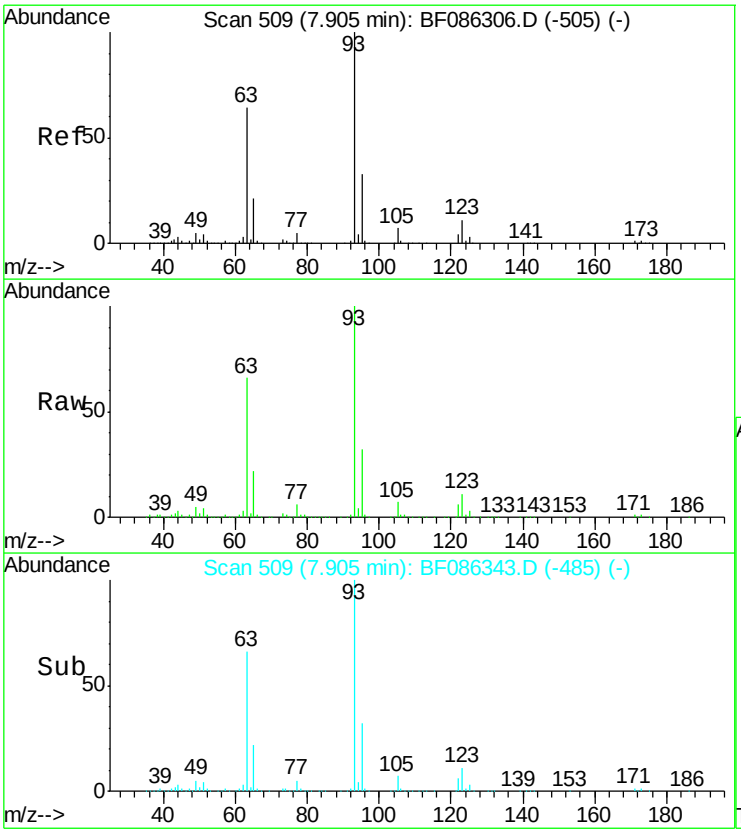
#27
2,4-Dimethylphenol
Concen: 42.27 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:122 Resp: 547293

Ion	Ratio	Lower	Upper
122	100		
107	110.1	85.8	128.6
121	59.2	47.1	70.7

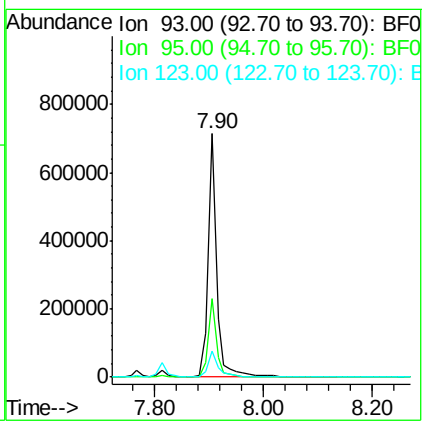


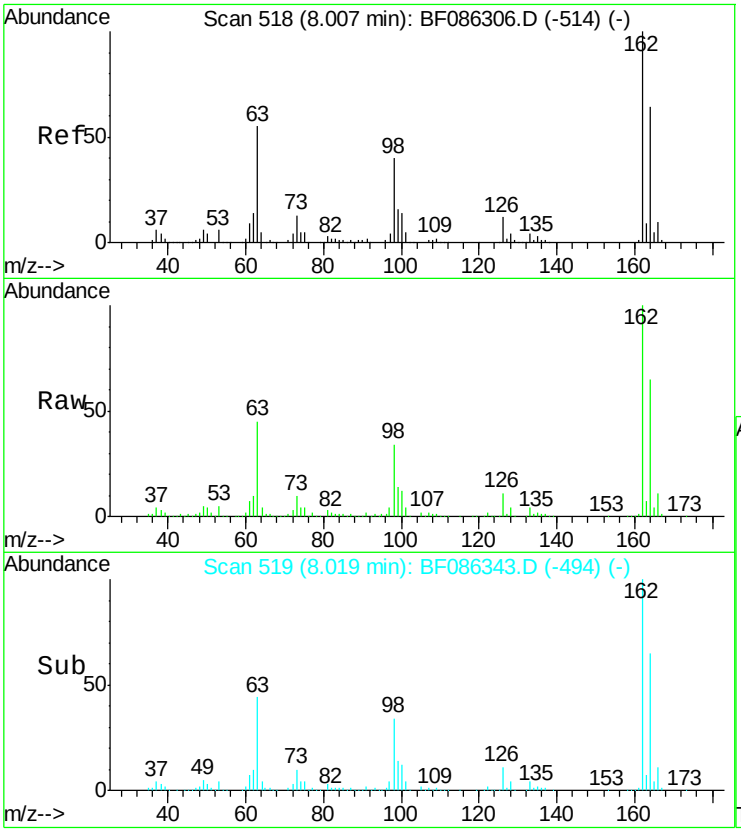


#28
bis(2-Chloroethoxy)methane
Concen: 50.64 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion: 93 Resp: 774015

Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.8	38.8
123	10.7	8.9	13.3



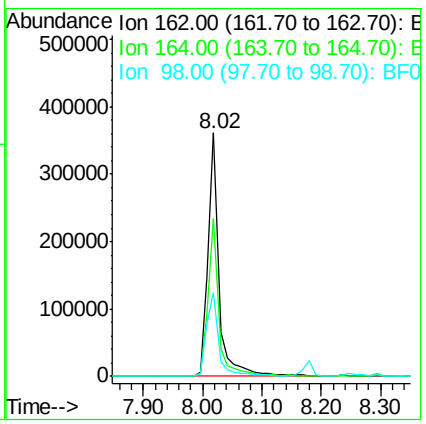


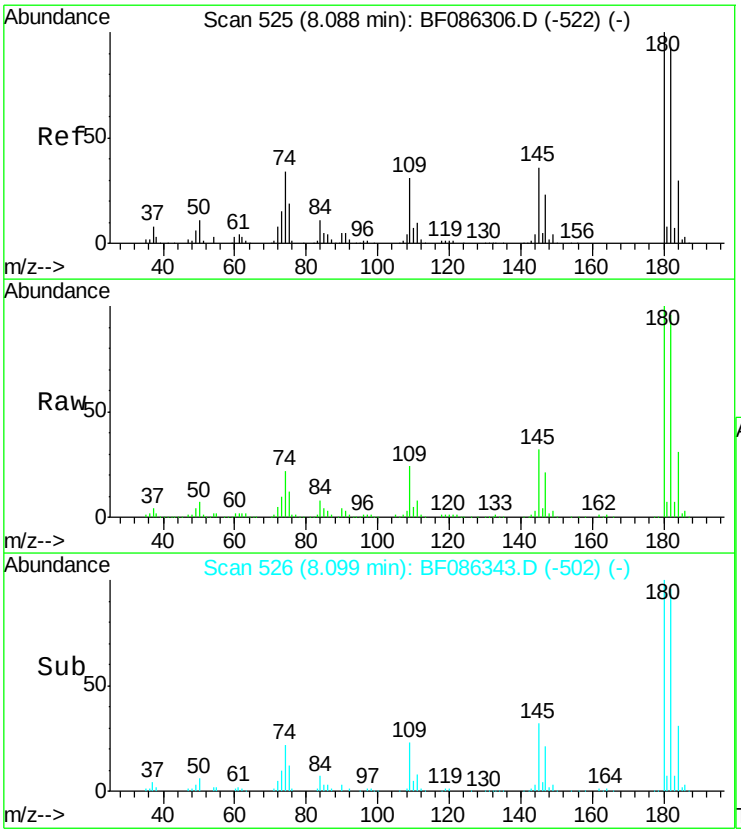
#29
2,4-Dichlorophenol
Concen: 46.04 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:162 Resp: 470090

Ion	Ratio	Lower	Upper
162	100		
164	65.0	43.3	83.3
98	34.2	22.9	62.9

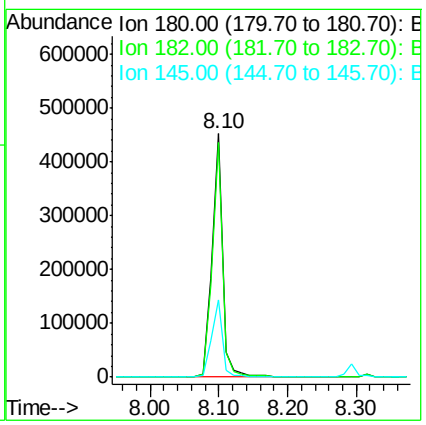


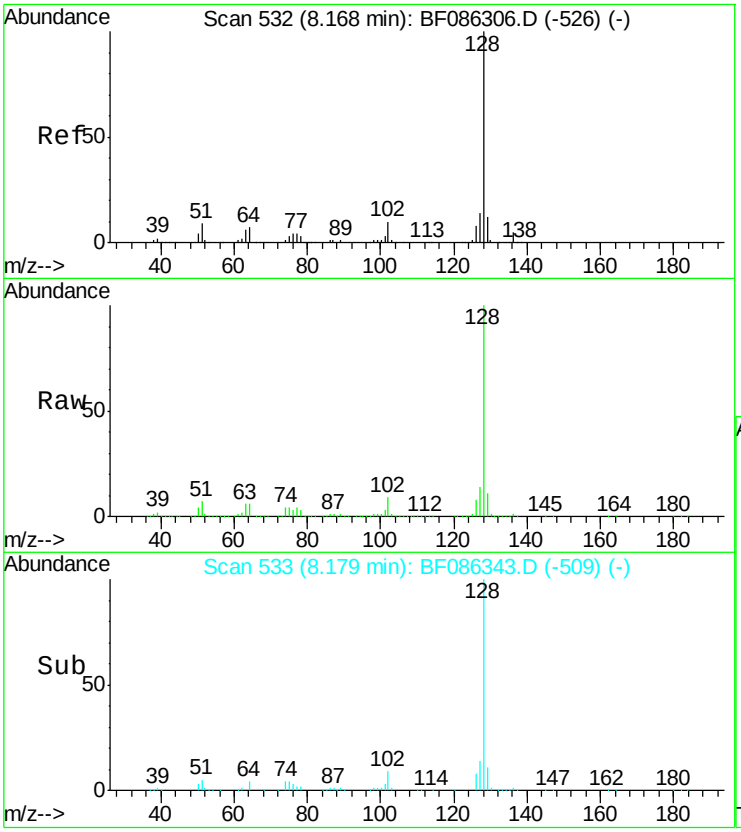


#30
1,2,4-Trichlorobenzene
Concen: 45.16 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:180 Resp: 497390

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.3	114.5
145	31.9	27.4	41.2



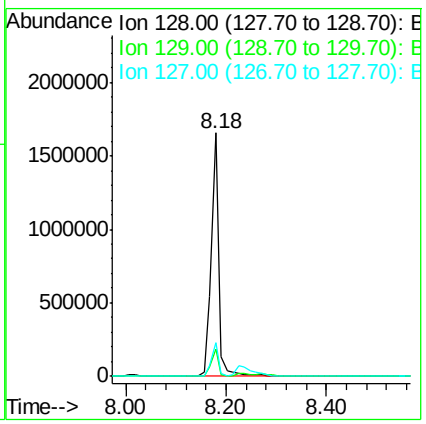


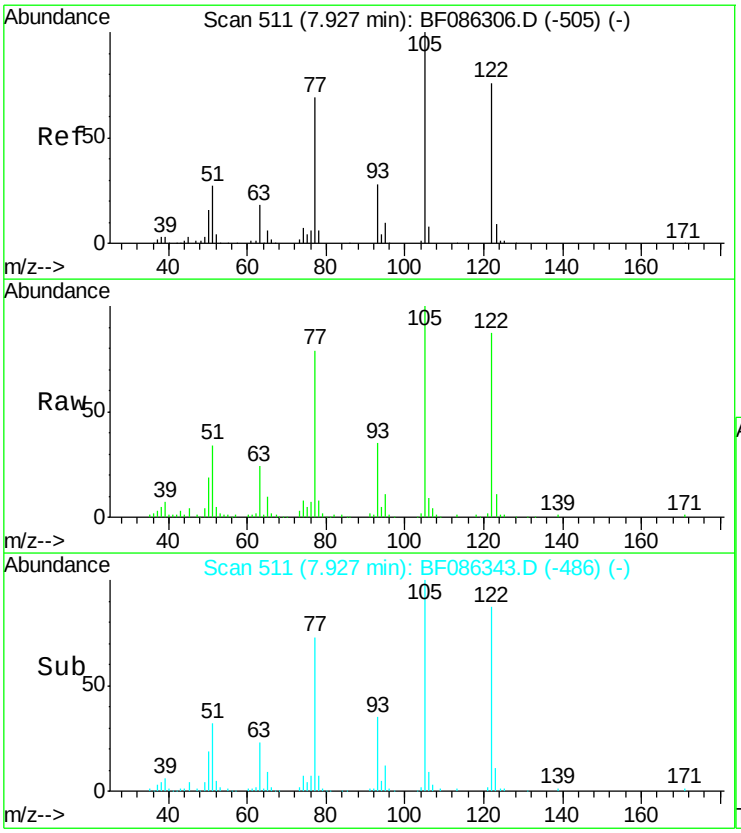
#31
Naphthalene
Concen: 45.98 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:128 Resp: 1731645

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.6	14.4
127	13.9	11.4	17.2

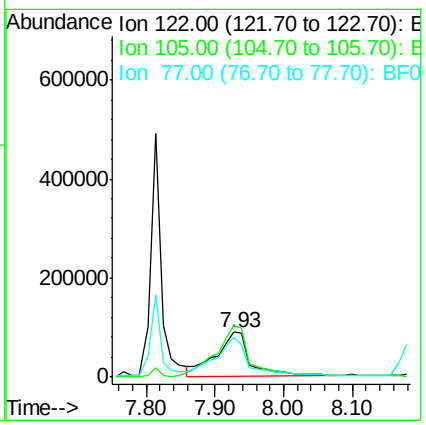


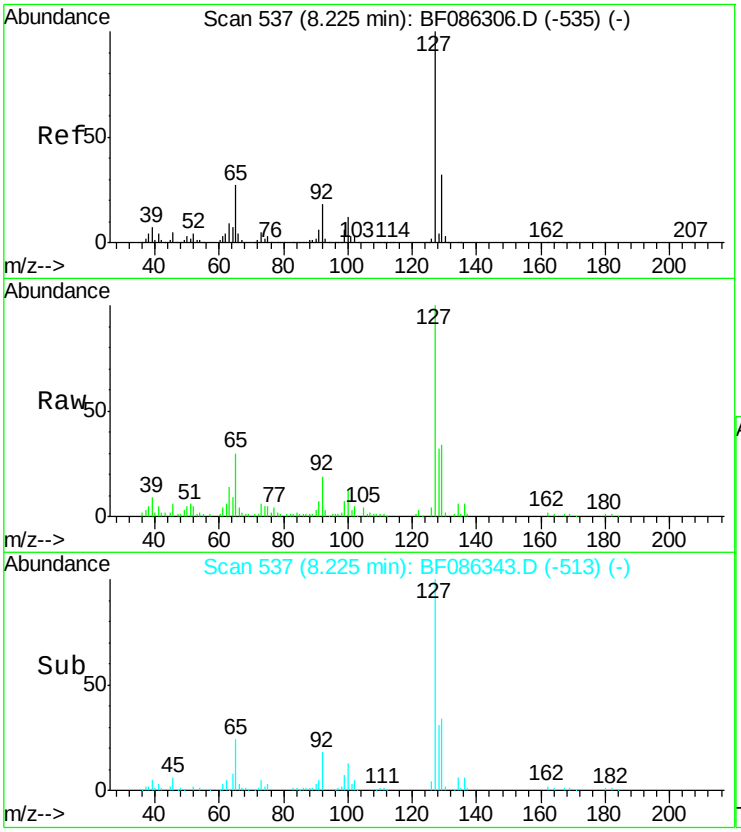


#32
Benzoic acid
Concen: 39.37 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:122 Resp: 302881

Ion	Ratio	Lower	Upper
122	100		
105	115.4	103.7	143.7
77	90.7	74.9	114.9



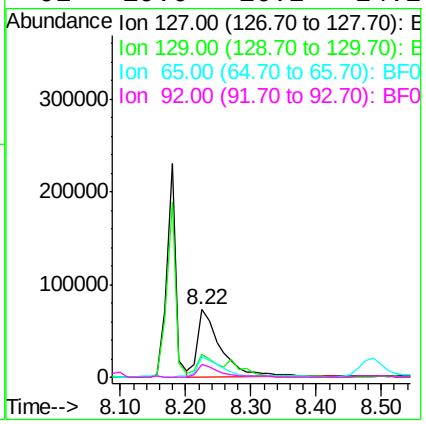


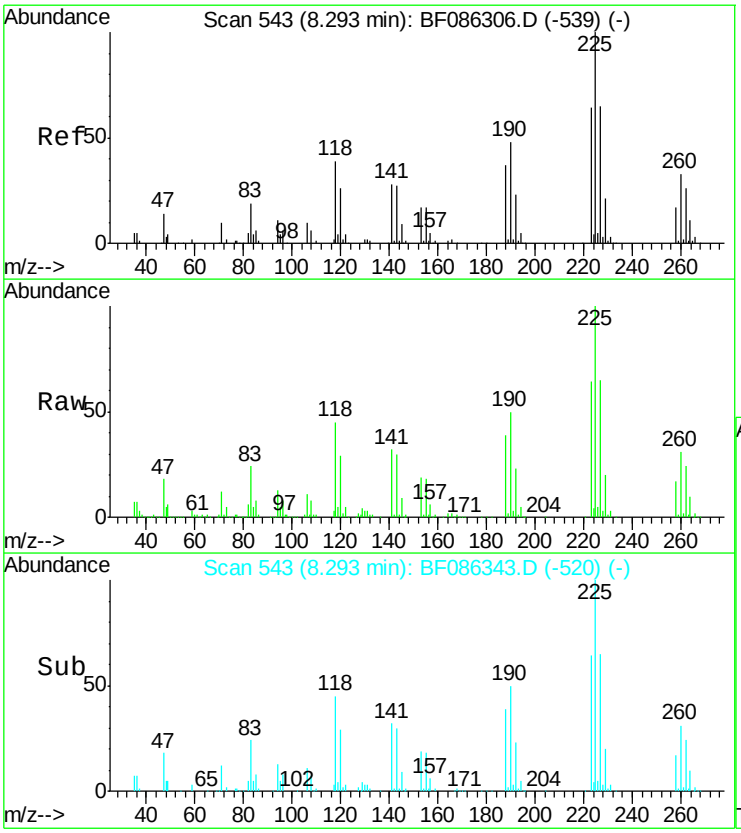
#33
4-Chloroaniline
Concen: 11.53 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:127 Resp: 179774

Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.8	40.2
65	30.0	27.1	40.7
92	19.0	16.2	24.2

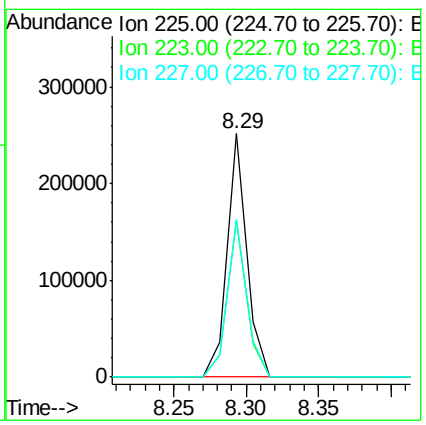


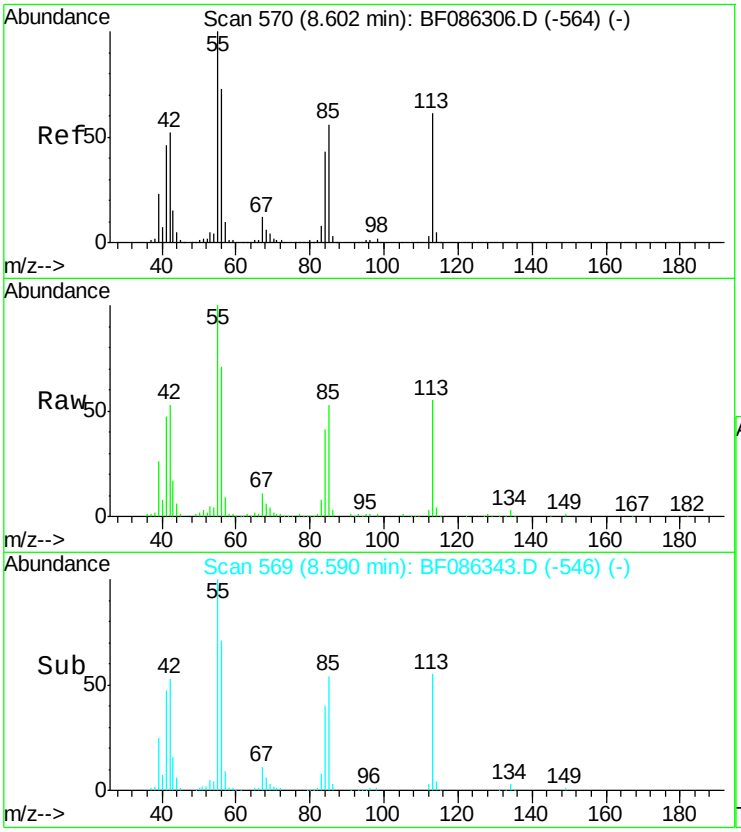


#34
Hexachlorobutadiene
Concen: 42.83 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.03 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:225 Resp: 237754

Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.4	74.0
227	64.6	51.1	76.7



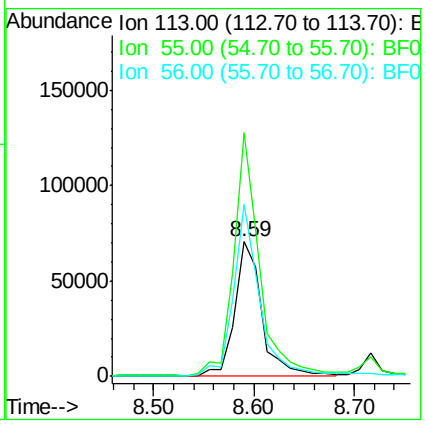


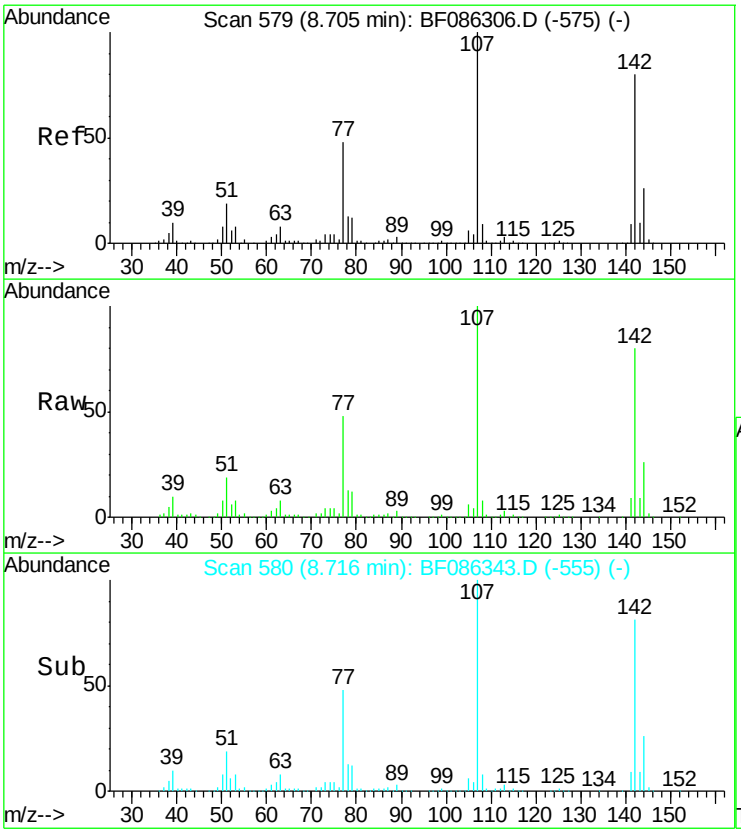
#35
Caprolactam
Concen: 40.33 ng
RT: 8.59 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:113 Resp: 133353

Ion	Ratio	Lower	Upper
113	100		
55	181.3	117.5	157.5#
56	128.0	82.5	122.5#

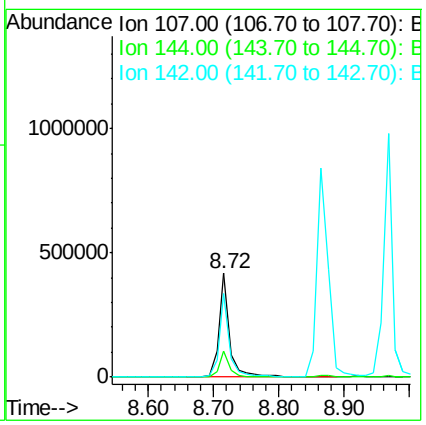


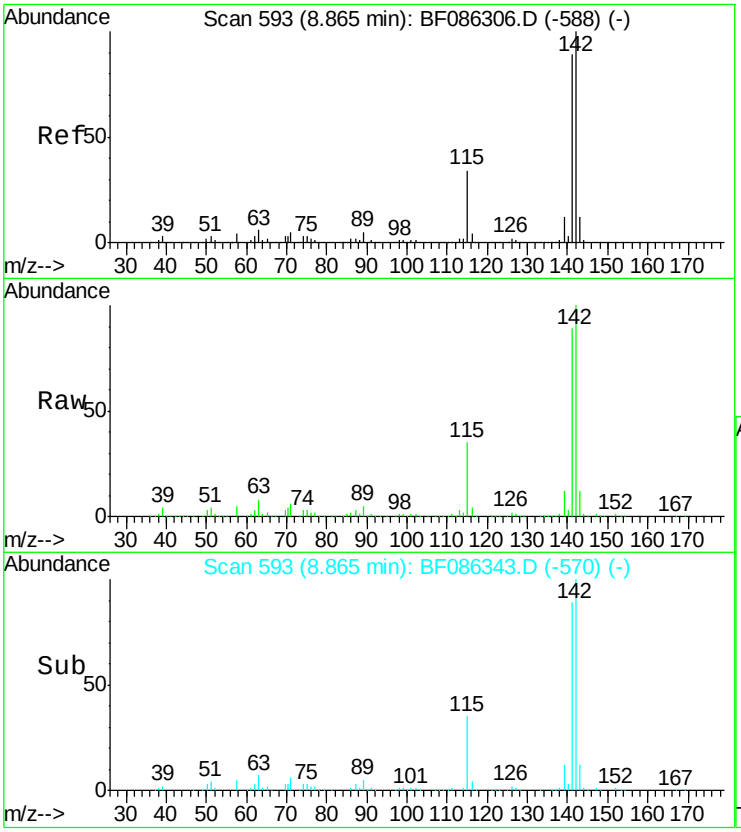


#36
4-Chloro-3-methylphenol
Concen: 42.37 ng
RT: 8.72 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:107 Resp: 486465

Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.7	31.1
142	80.4	64.5	96.7



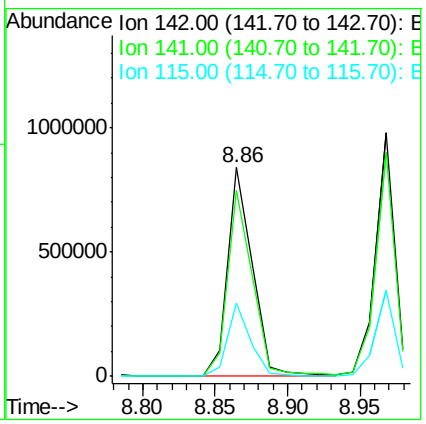


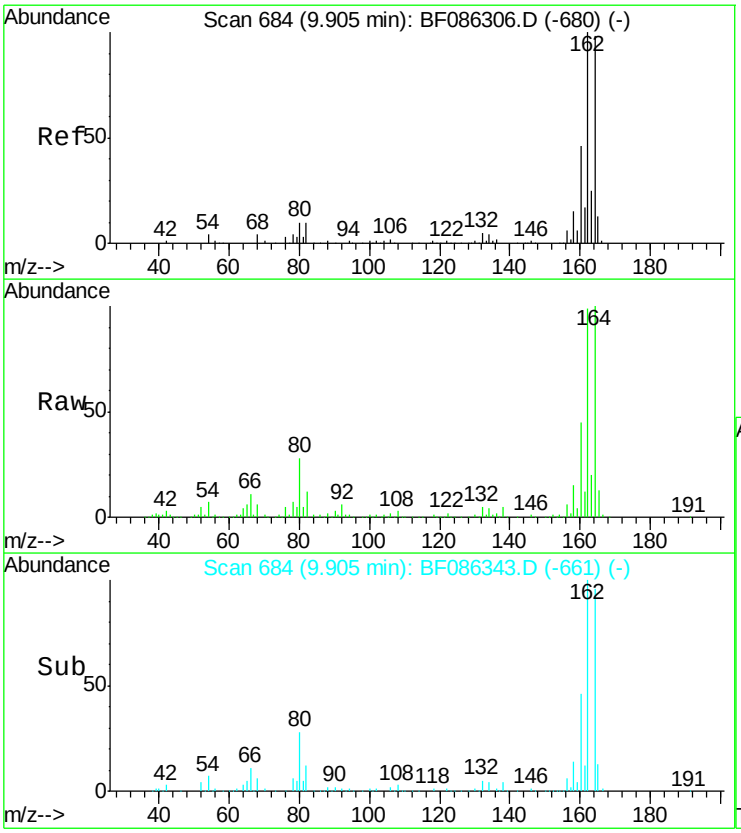
#37
2-Methylnaphthalene
Concen: 43.09 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.03 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:142 Resp: 1002181

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.1	106.7
115	35.3	25.1	37.7

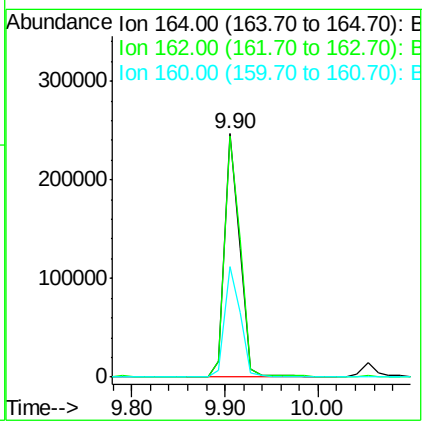


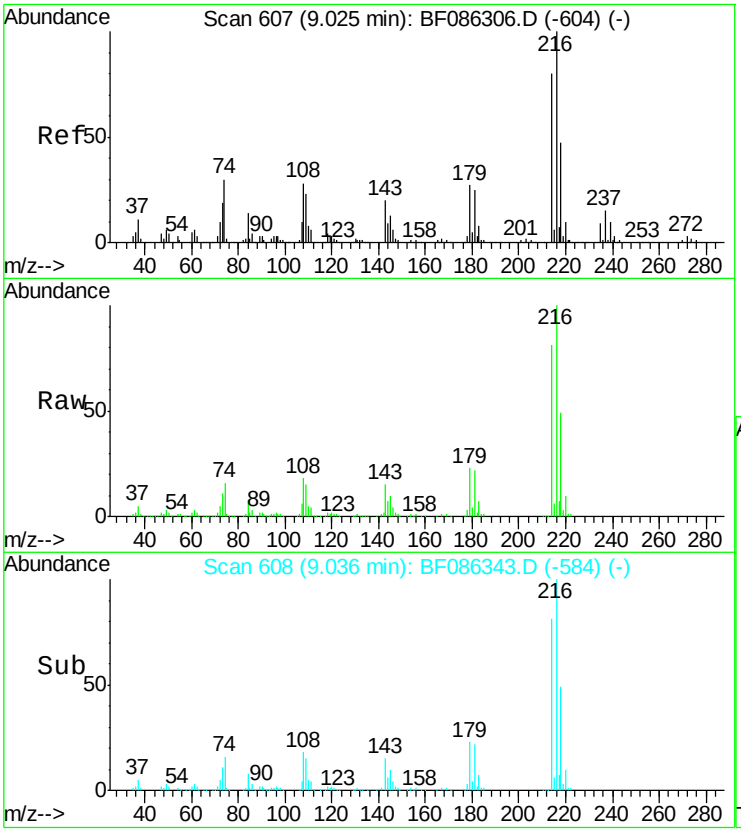


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:164 Resp: 282022

Ion	Ratio	Lower	Upper
164	100		
162	99.2	82.8	124.2
160	45.2	38.9	58.3



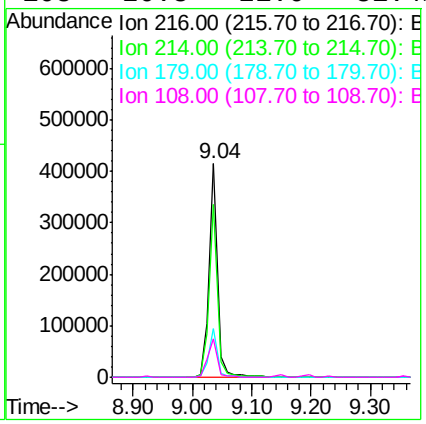


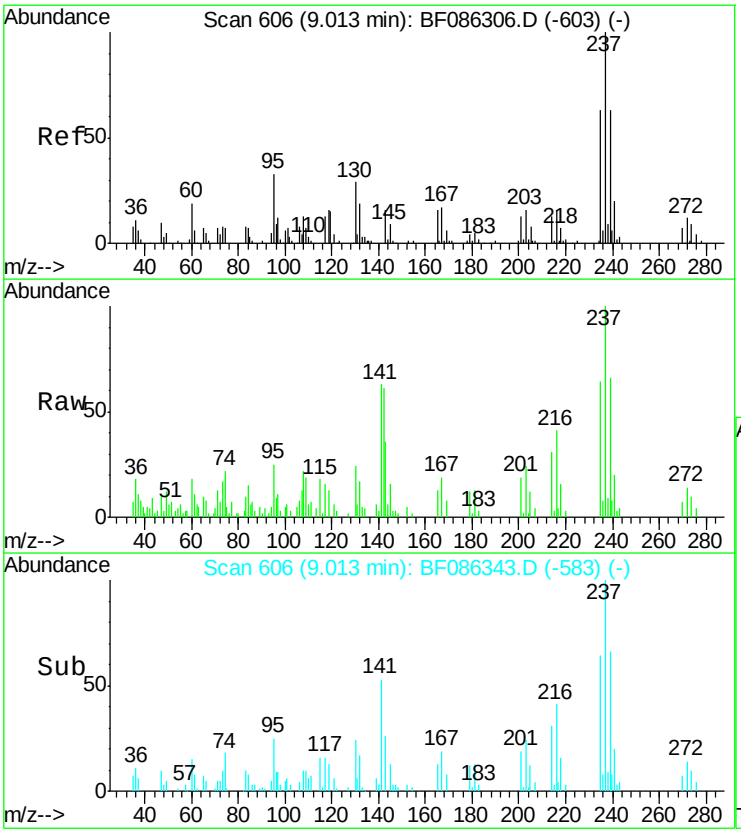
#39
1,2,4,5-Tetrachlorobenzene
Concen: 54.75 ng
RT: 9.04 min Scan# 608
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:216 Resp: 410993

Ion	Ratio	Lower	Upper
216	100		
214	79.9	64.9	97.3
179	23.3	19.8	29.6
108	20.3	21.0	31.4#

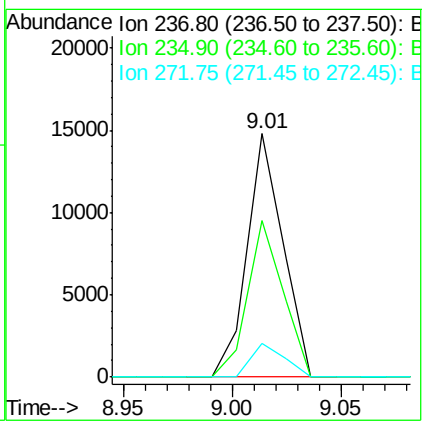


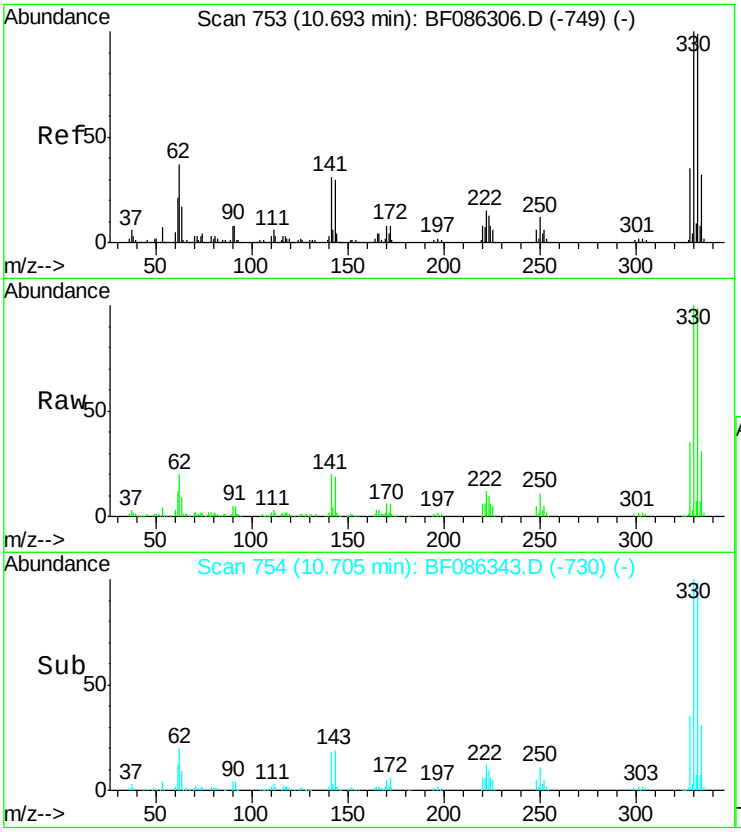


#40
Hexachlorocyclopentadiene
Concen: 10.93 ng
RT: 9.01 min Scan# 606
Delta R.T. -0.03 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:237 Resp: 17038

Ion	Ratio	Lower	Upper
237	100		
235	64.2	44.0	84.0
272	13.8	0.0	32.4



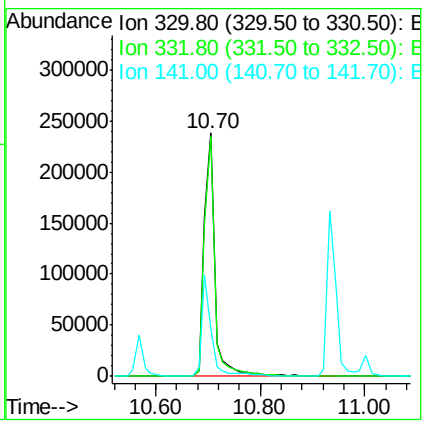


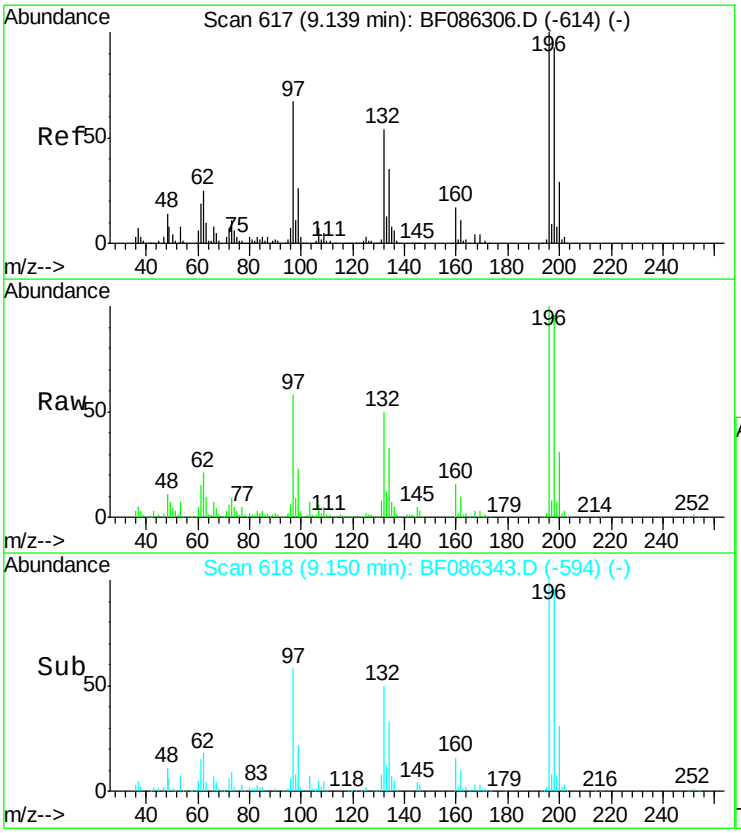
#41
2,4,6-Tribromophenol
Concen: 152.75 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:330 Resp: 335761

Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.7	118.1
141	37.2	28.6	42.8

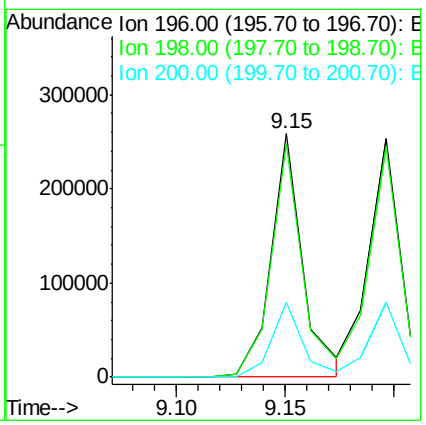


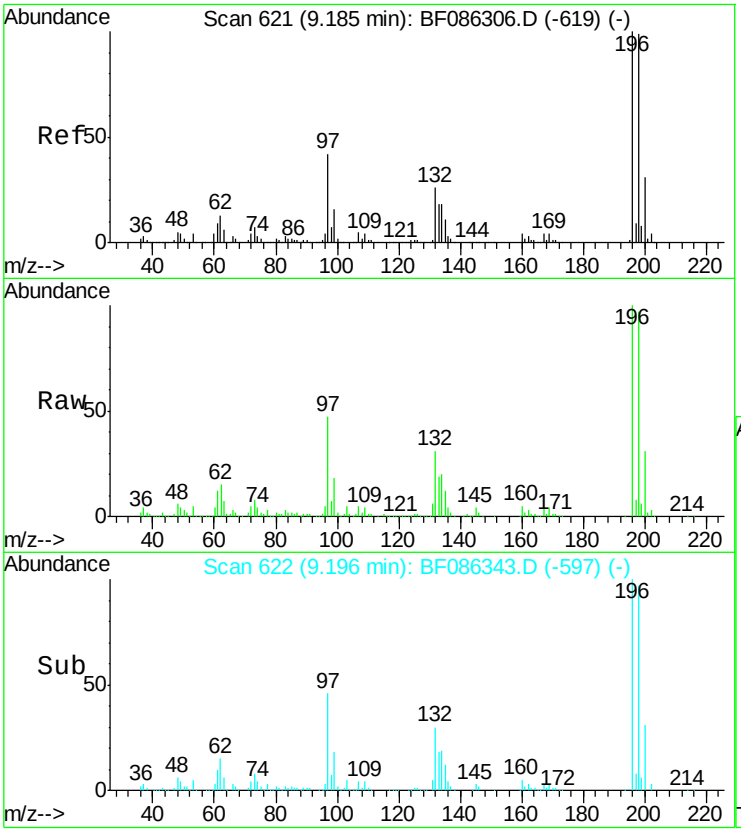


#42
2,4,6-Trichlorophenol
Concen: 50.81 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:196 Resp: 264592

Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.6	115.0
200	30.8	25.3	37.9



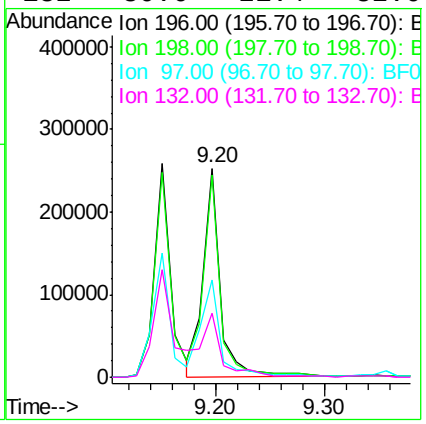


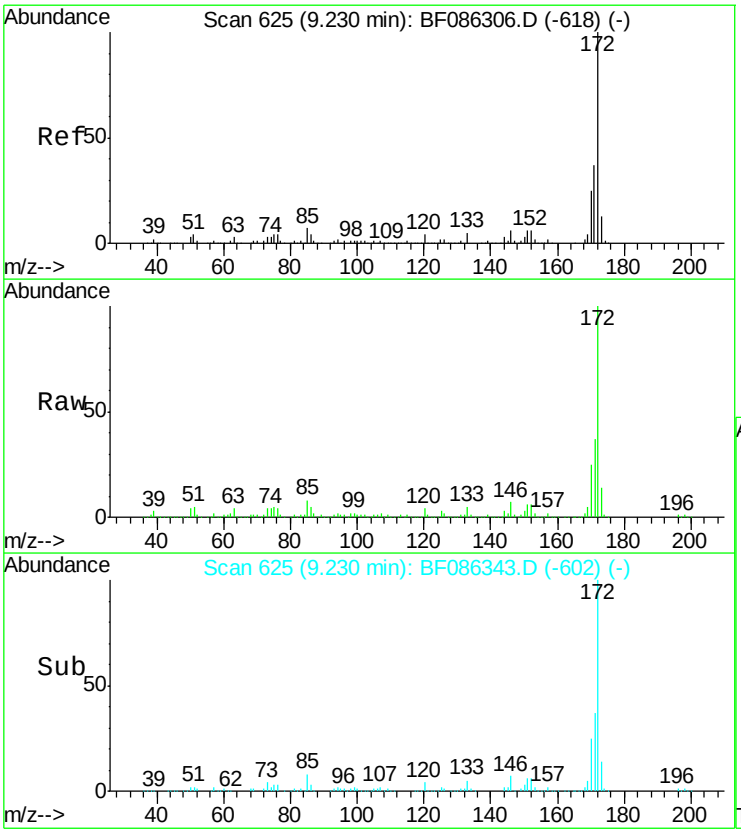
#43
2,4,5-Trichlorophenol
Concen: 49.50 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.01 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:196 Resp: 280767

Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.7	116.5
97	46.5	32.6	48.8
132	30.6	21.4	32.0

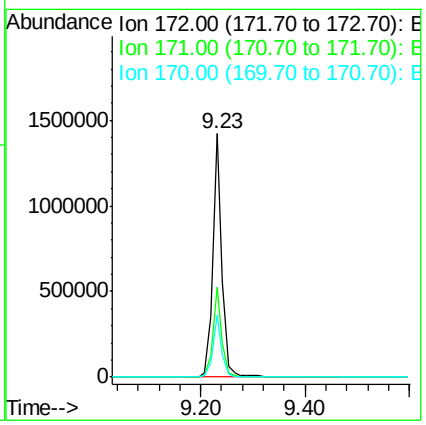


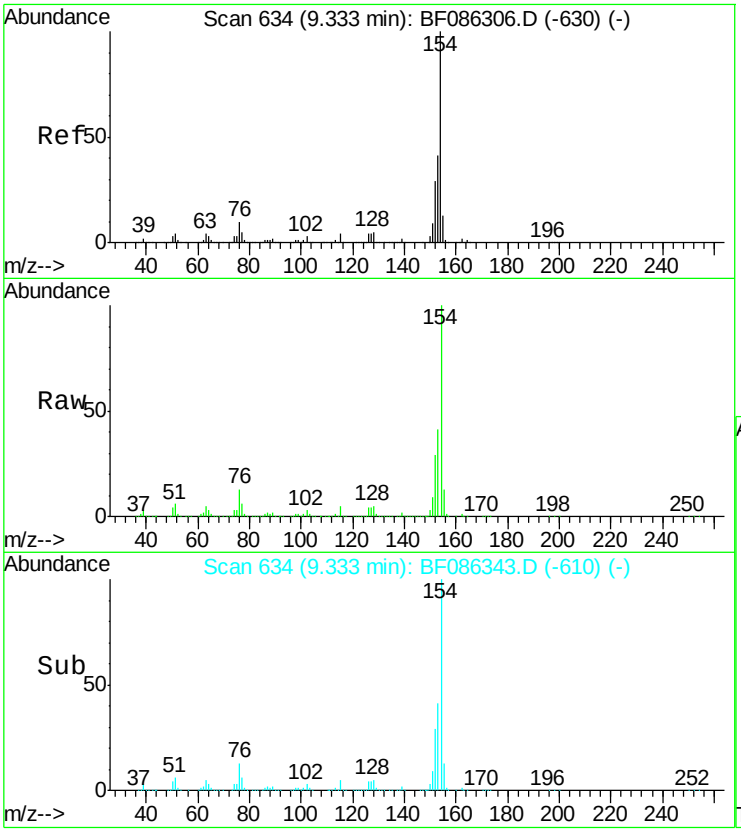


#44
2-Fluorobiphenyl
Concen: 130.30 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:172 Resp: 1718667

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.1	43.7
170	25.2	19.9	29.9



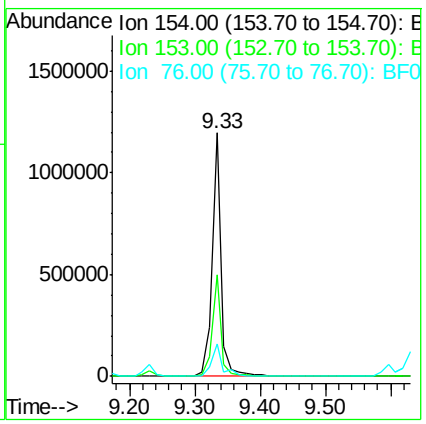


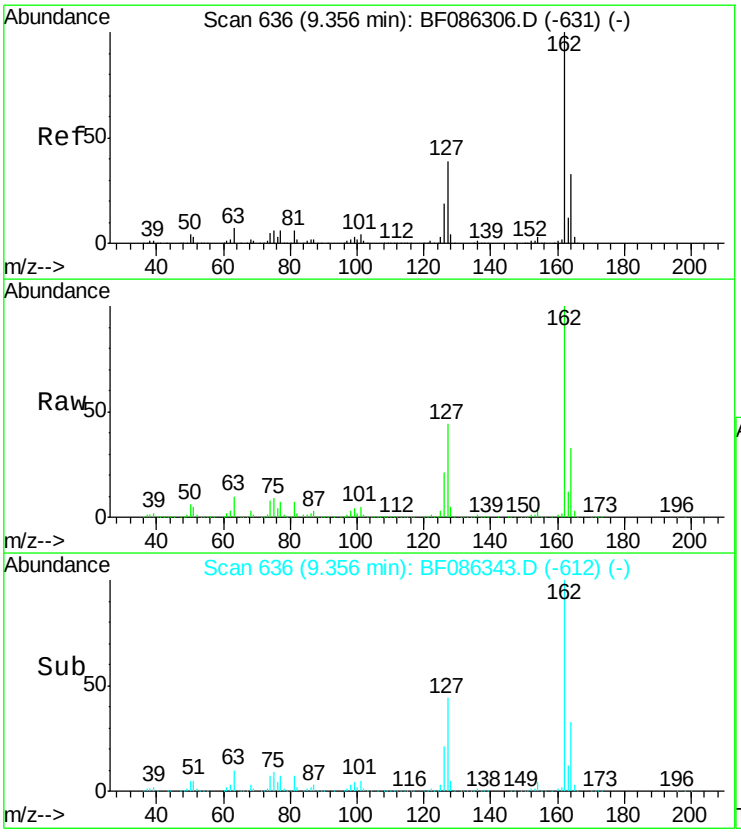
#45
1,1'-Biphenyl
Concen: 52.95 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:154 Resp: 1172679

Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.3	61.3
76	13.5	0.0	36.4

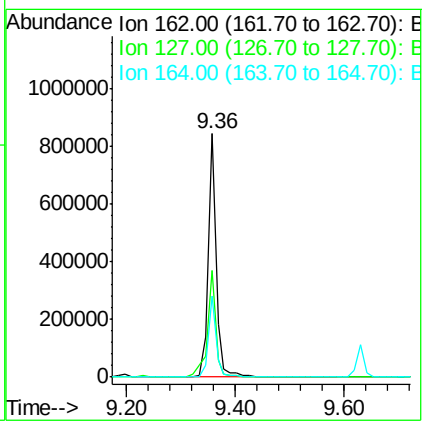


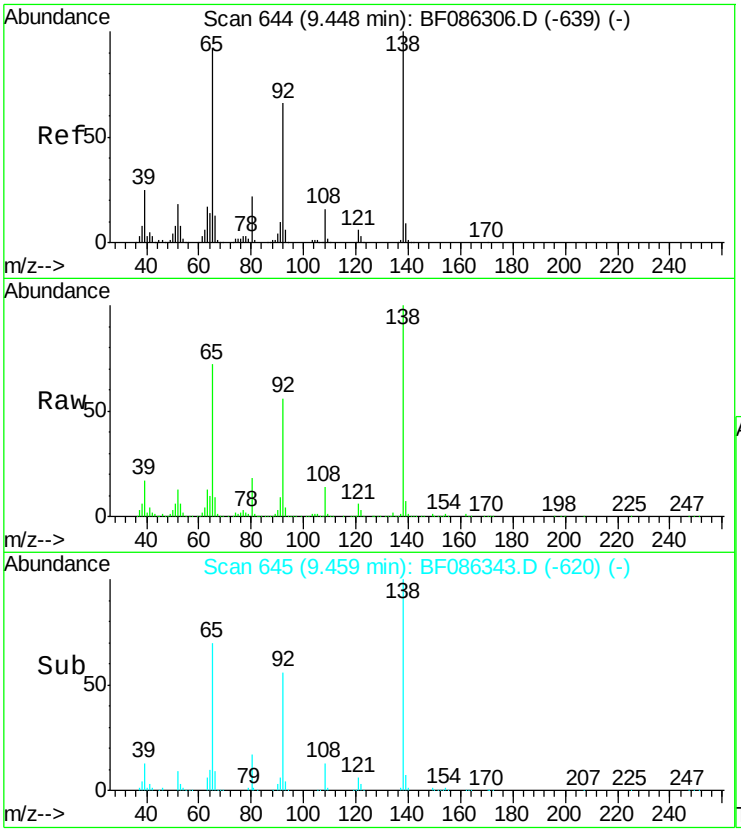


#46
2-Chloronaphthalene
Concen: 51.64 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:162 Resp: 866617

Ion	Ratio	Lower	Upper
162	100		
127	43.8	36.7	55.1
164	33.1	26.4	39.6



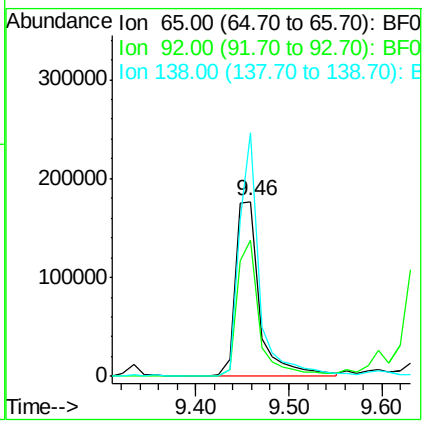


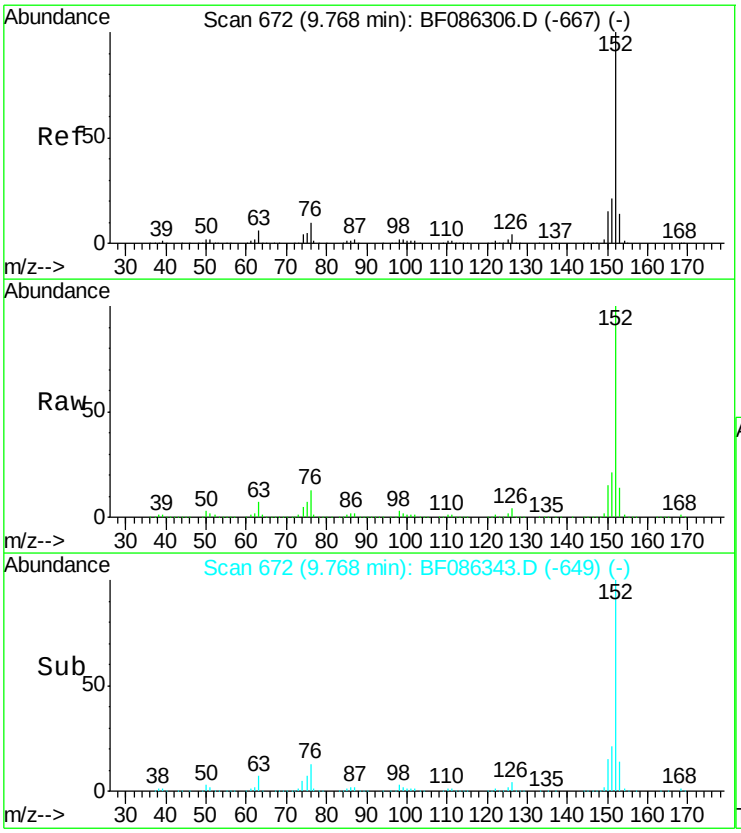
#47
2-Nitroaniline
Concen: 56.80 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion: 65 Resp: 324005

Ion	Ratio	Lower	Upper
65	100		
92	78.0	51.9	77.9#
138	139.2	72.6	108.8#

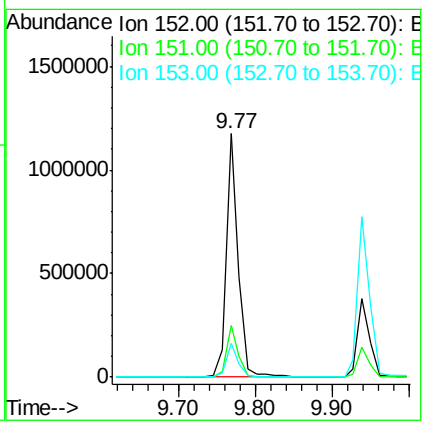


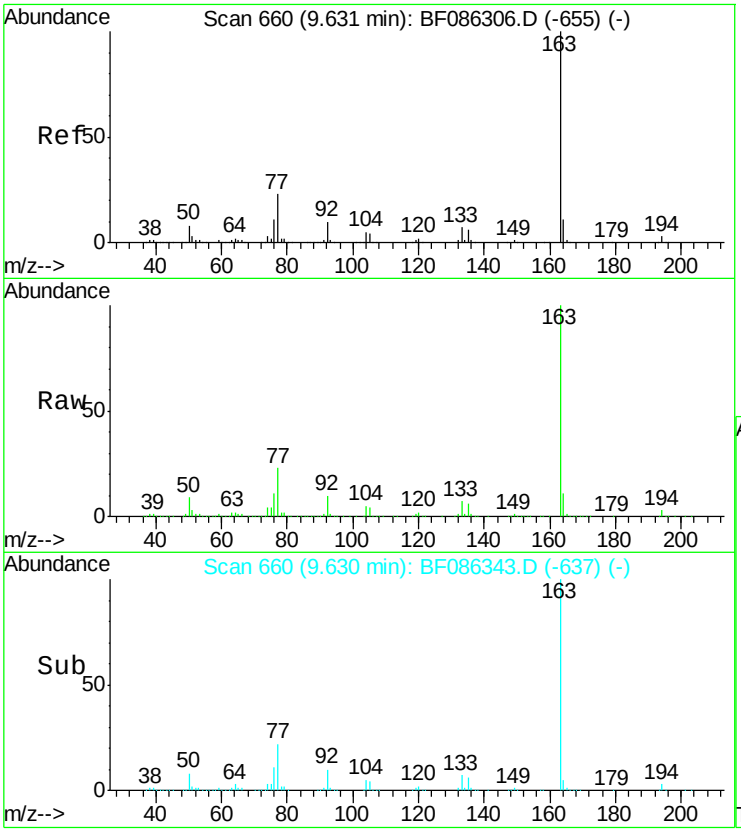


#48
Acenaphthylene
Concen: 49.53 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:152 Resp: 1297980

Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.2	25.8
153	13.8	10.7	16.1



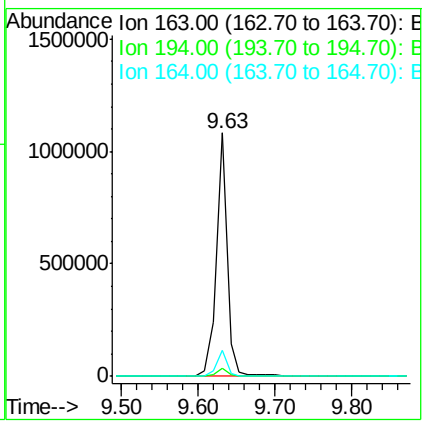


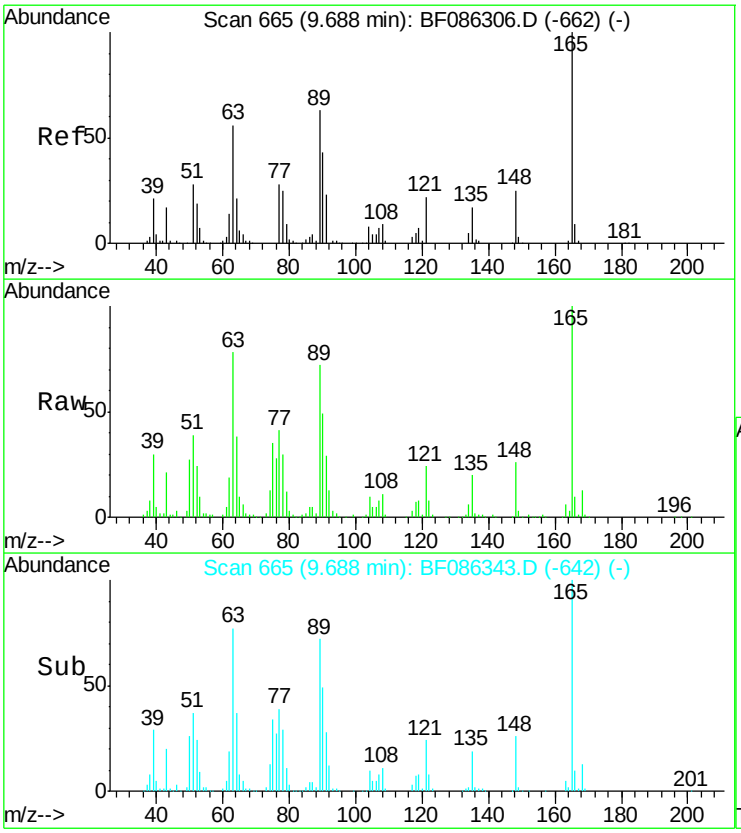
#49
Dimethylphthalate
Concen: 49.80 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.03 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:163 Resp: 1069373

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.5	8.4	12.6

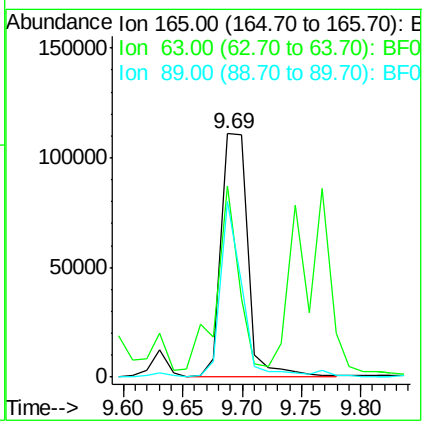


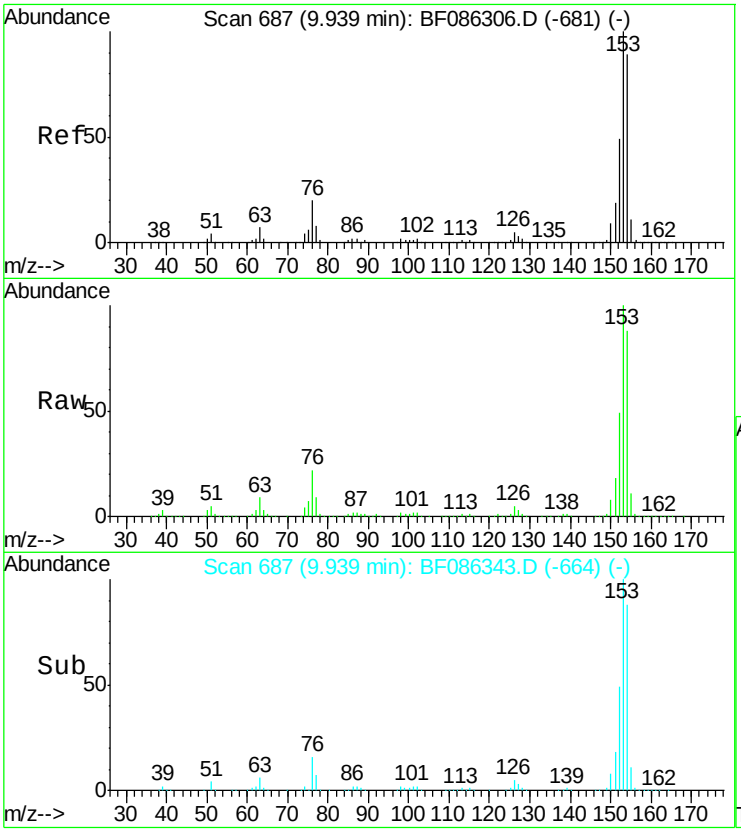


#50
2,6-Dinitrotoluene
Concen: 38.96 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.03 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:165 Resp: 172129

Ion	Ratio	Lower	Upper
165	100		
63	78.5	35.1	52.7#
89	72.0	39.8	59.6#



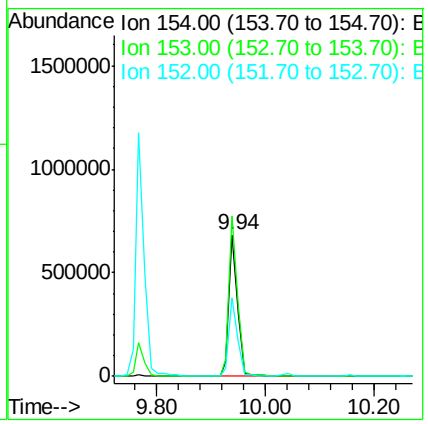


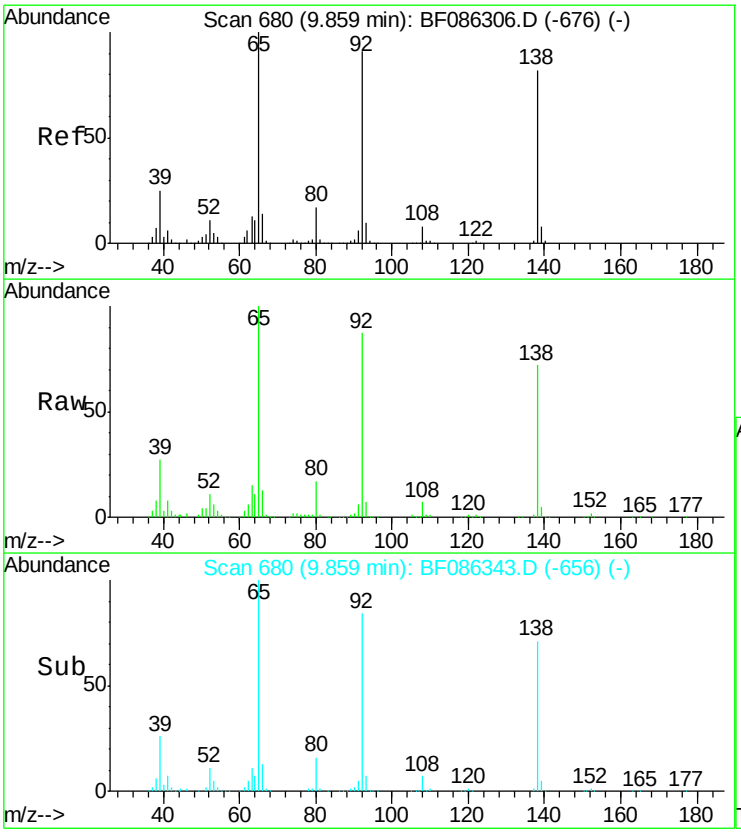
#51
Acenaphthene
Concen: 49.39 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.03 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:154 Resp: 759461

Ion	Ratio	Lower	Upper
154	100		
153	113.3	90.0	135.0
152	55.9	44.3	66.5

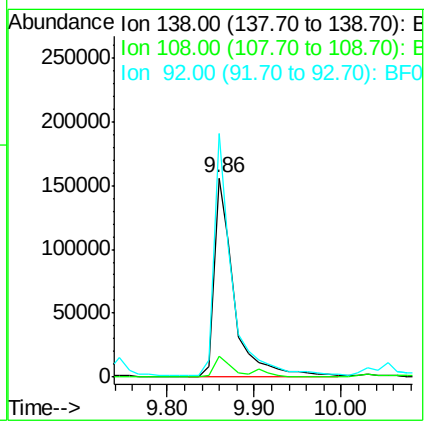


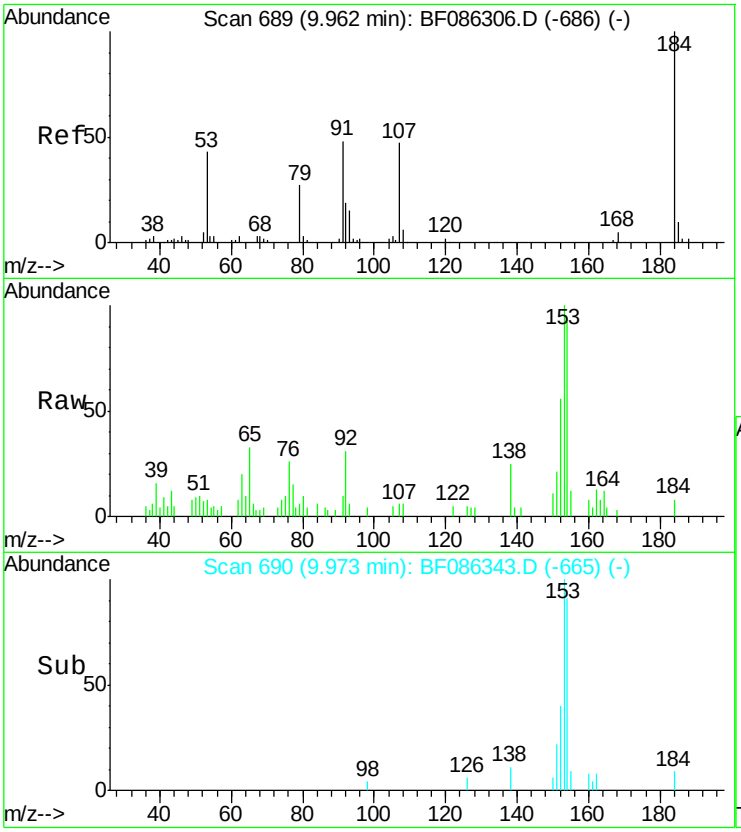


#52
3-Nitroaniline
Concen: 44.26 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:138 Resp: 248710

Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.0	13.4
92	122.1	99.3	148.9



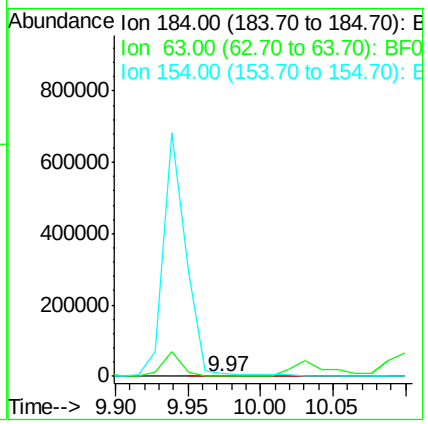


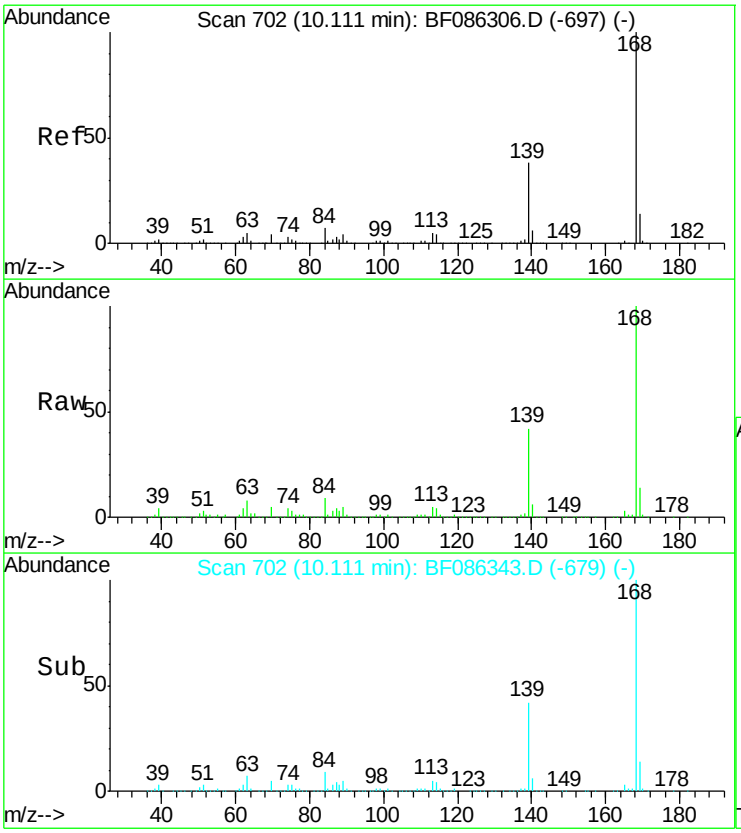
#53
2,4-Dinitrophenol
Concen: 8.76 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:184 Resp: 2131

Ion	Ratio	Lower	Upper
184	100		
63	240.9	64.7	97.1#
154	1086.5	59.4	89.2#

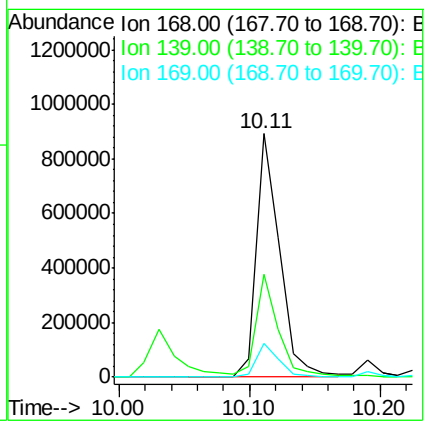


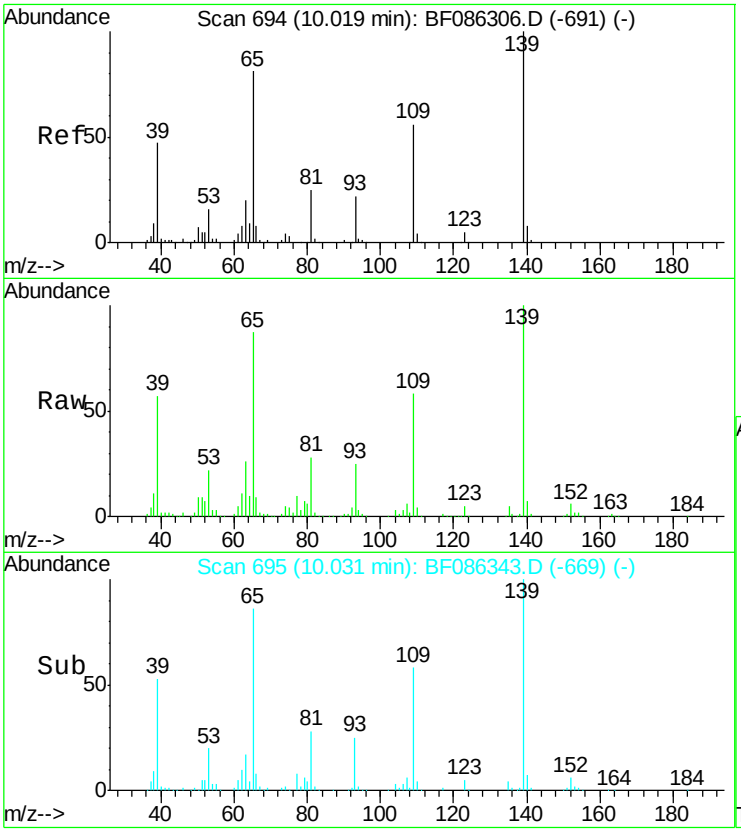


#54
Dibenzofuran
Concen: 53.39 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:168 Resp: 1116076

Ion	Ratio	Lower	Upper
168	100		
139	42.4	29.5	44.3
169	13.8	10.6	16.0



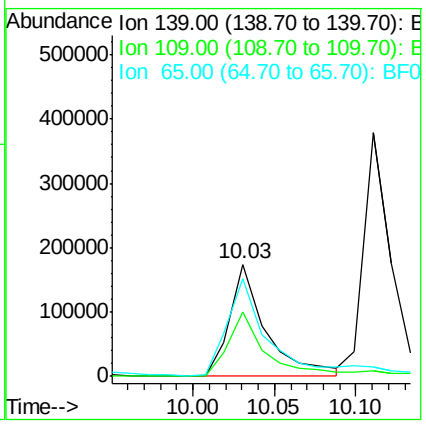


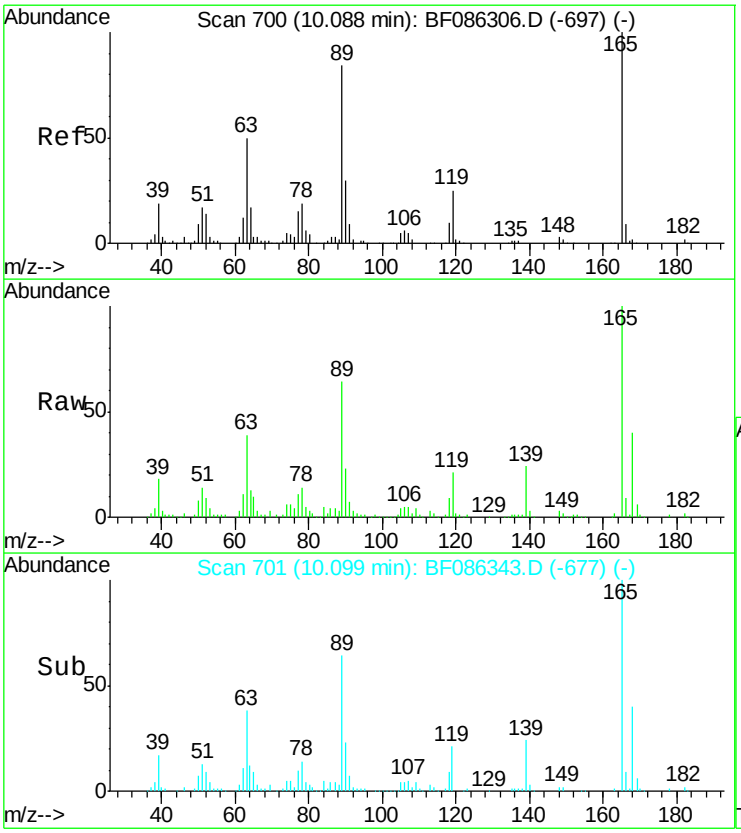
#55
4-Nitrophenol
Concen: 77.47 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:139 Resp: 269898

Ion	Ratio	Lower	Upper
139	100		
109	57.9	55.0	95.0
65	87.4	87.3	127.3

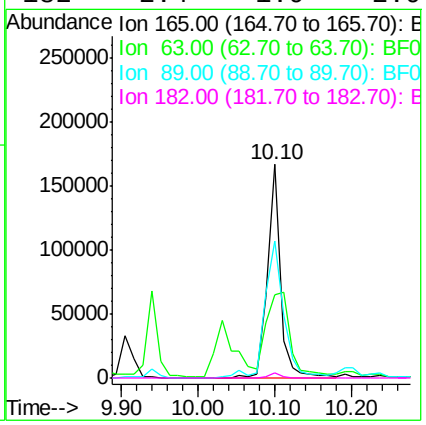


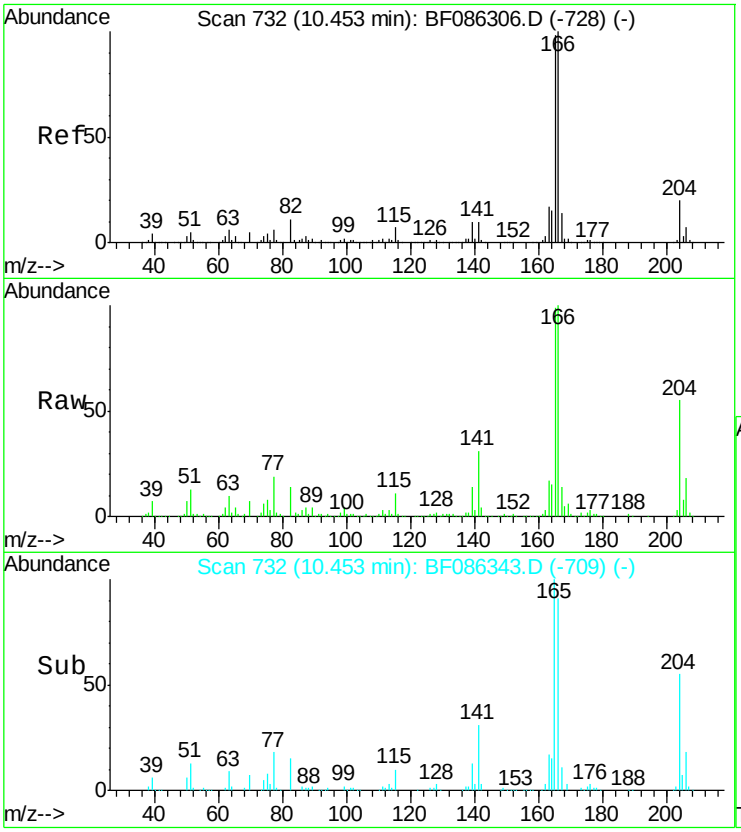


#56
2,4-Dinitrotoluene
Concen: 35.69 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:165 Resp: 195971

Ion	Ratio	Lower	Upper
165	100		
63	39.1	26.6	40.0
89	63.9	49.5	74.3
182	2.4	1.9	2.9



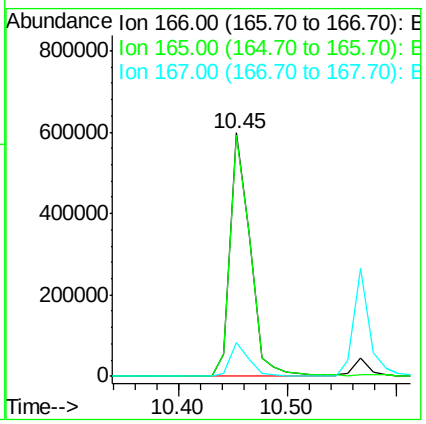


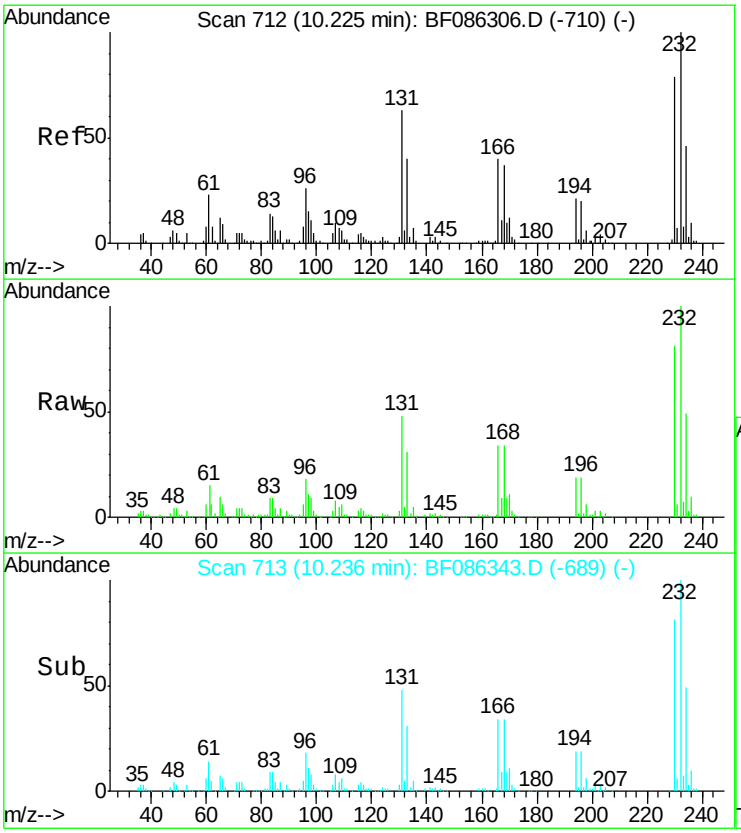
#57
Fluorene
Concen: 48.75 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.03 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:166 Resp: 755194

Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.6	117.8
167	14.0	10.4	15.6

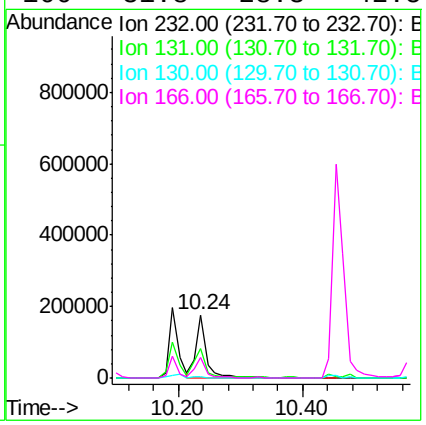


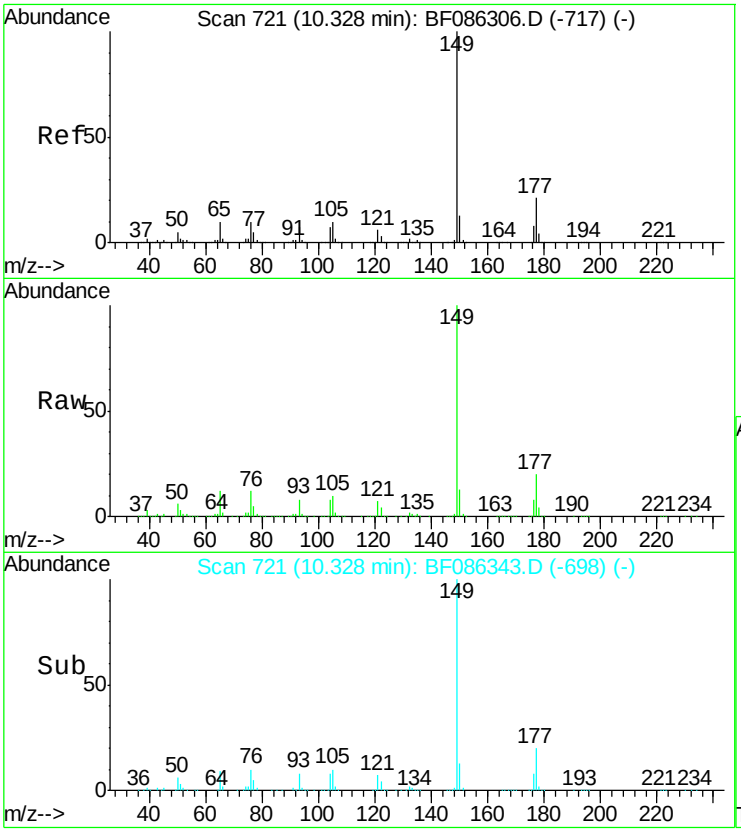


#58
2,3,4,6-Tetrachlorophenol
Concen: 55.66 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:232 Resp: 211805

Ion	Ratio	Lower	Upper
232	100		
131	47.6	46.6	70.0
130	0.0	2.5	3.7#
166	31.8	28.3	42.5



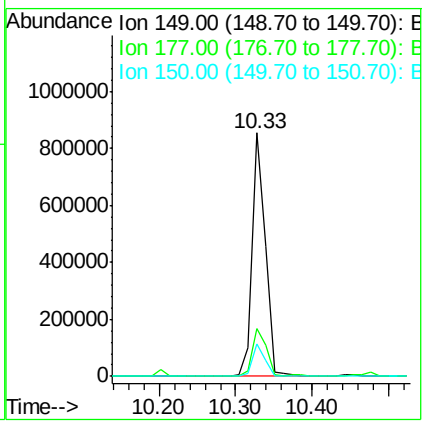


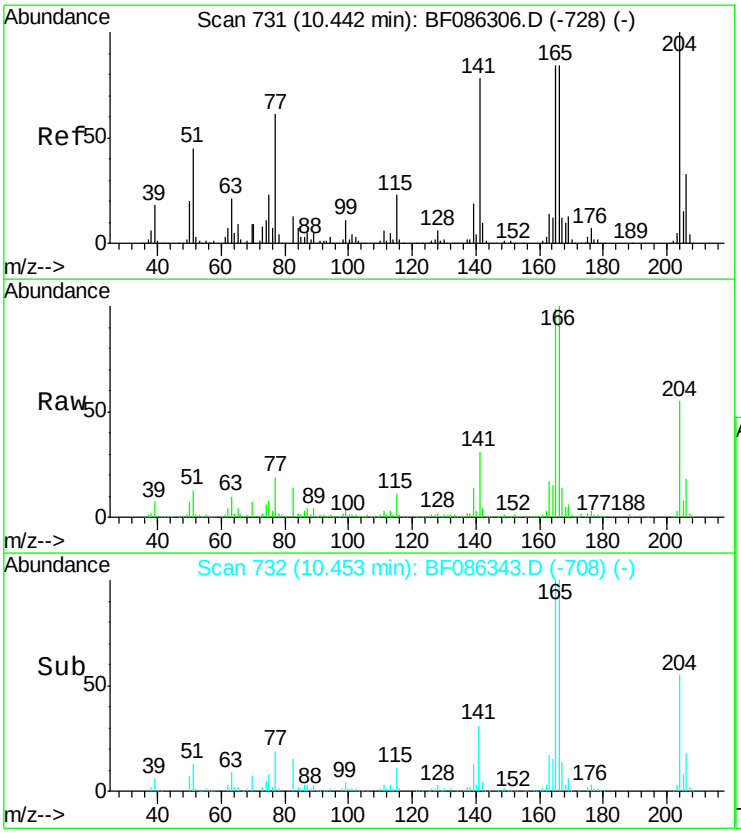
#59
Diethylphthalate
Concen: 47.97 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.03 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:149 Resp: 1005114

Ion	Ratio	Lower	Upper
149	100		
177	19.8	17.0	25.6
150	13.1	10.2	15.4

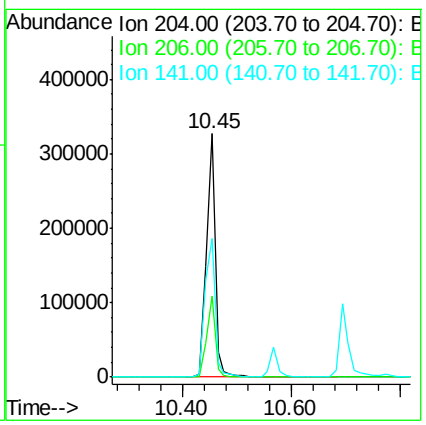


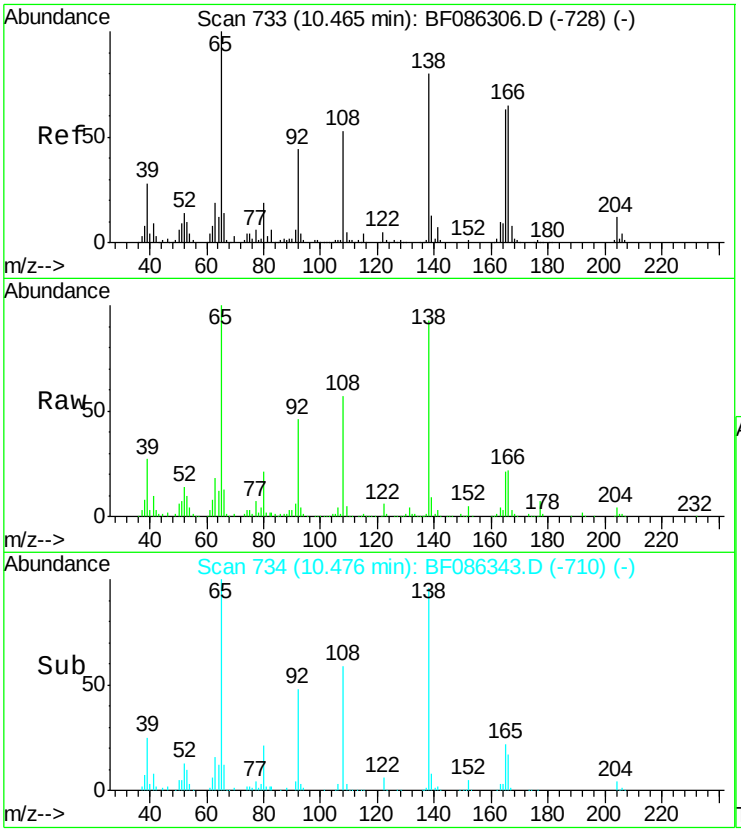


#60
4-Chlorophenyl-phenylether
Concen: 51.29 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:204 Resp: 367976

Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.2	39.2
141	57.1	55.4	83.0



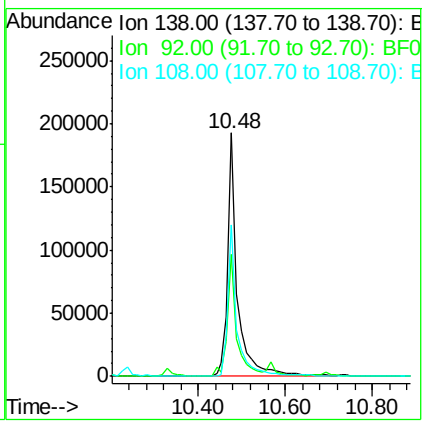


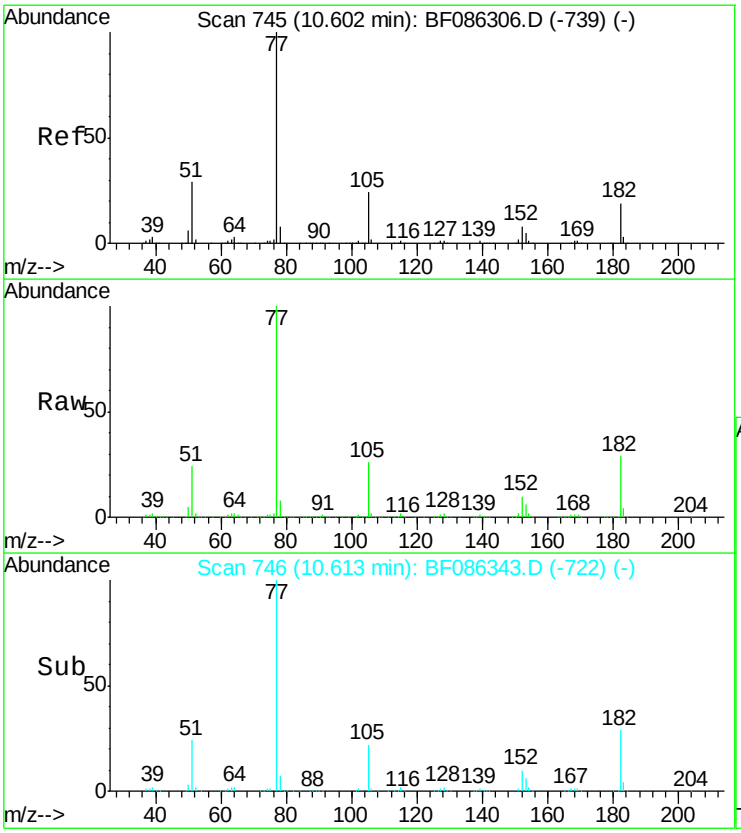
#61
4-Nitroaniline
Concen: 56.87 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:138 Resp: 299123

Ion	Ratio	Lower	Upper
138	100		
92	50.0	31.9	71.9
108	62.0	58.7	98.7

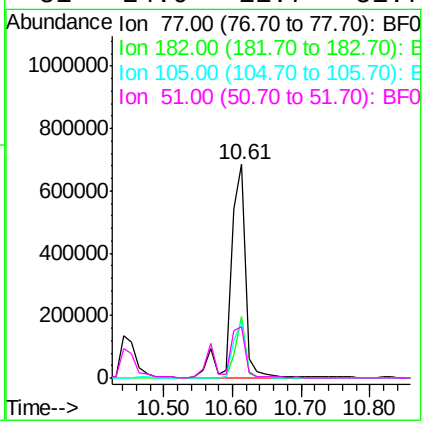


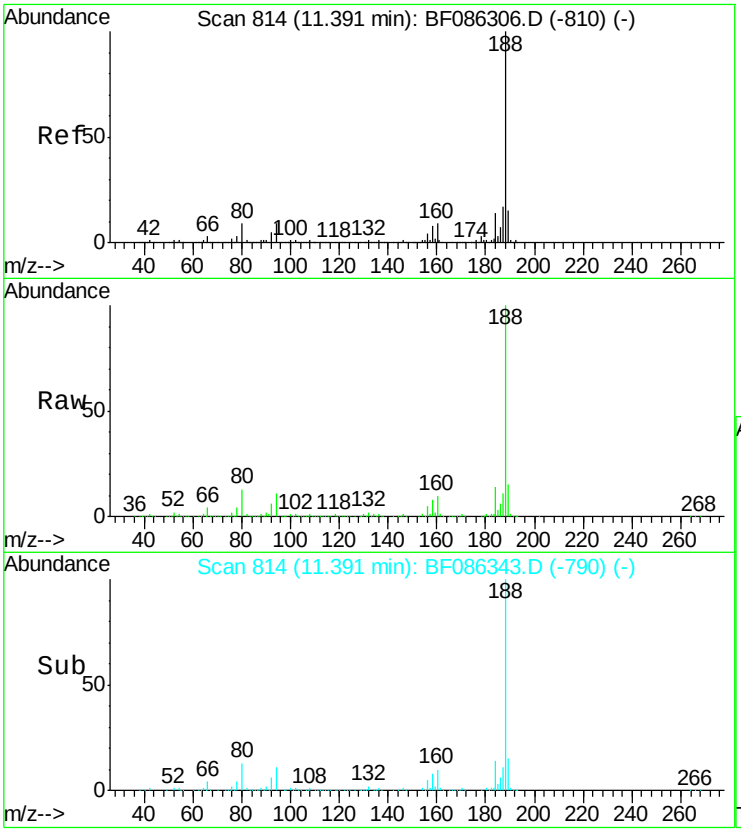


#62
Azobenzene
Concen: 49.49 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion: 77 Resp: 1022204

Ion	Ratio	Lower	Upper
77	100		
182	28.5	2.3	42.3
105	26.4	3.4	43.4
51	24.0	11.7	51.7



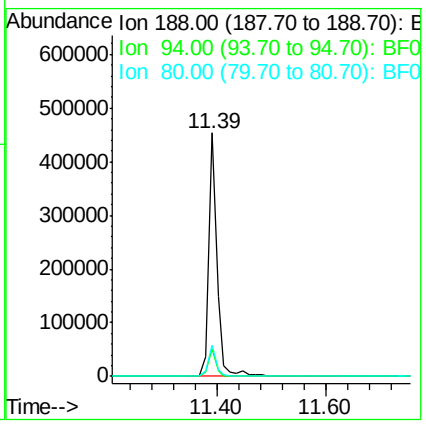


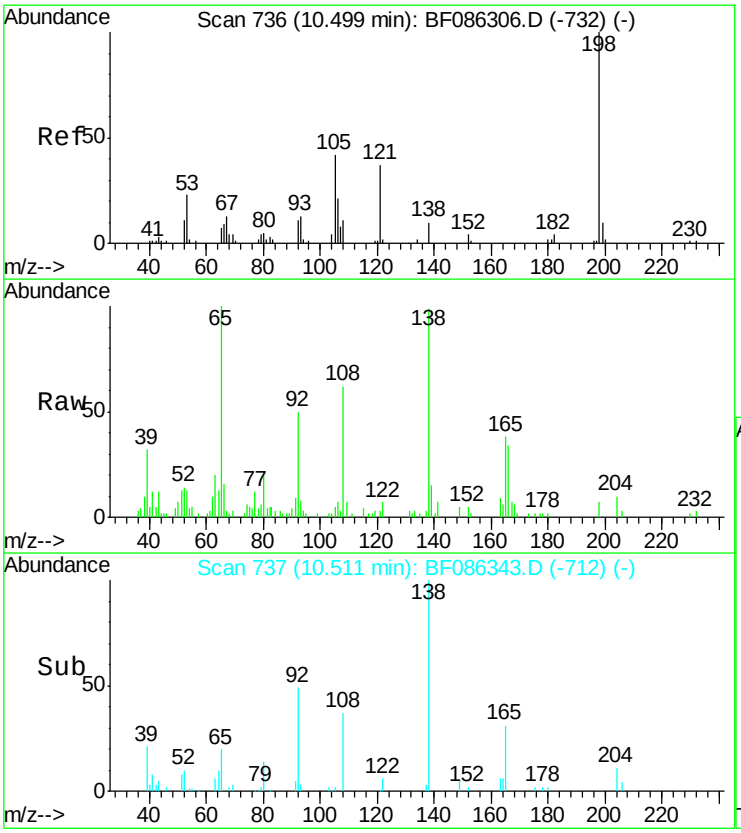
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:188 Resp: 480014

Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.8	14.8
80	12.9	10.5	15.7

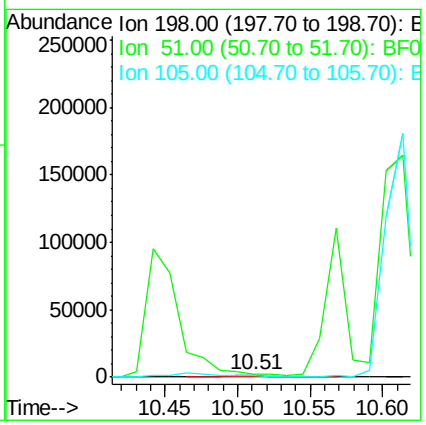


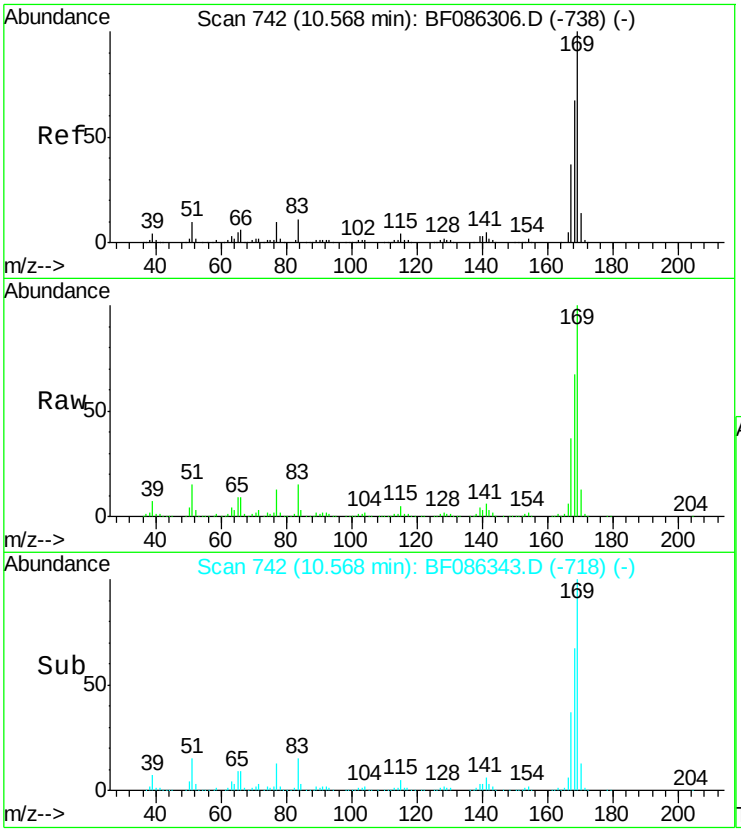


#64
4,6-Dinitro-2-methylphenol
Concen: 7.42 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:198 Resp: 2357

Ion	Ratio	Lower	Upper
198	100		
51	189.4	56.5	96.5#
105	74.3	48.0	88.0



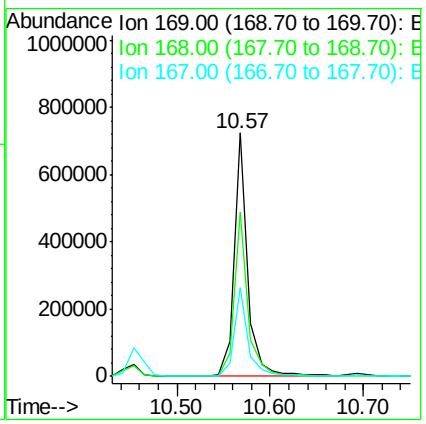


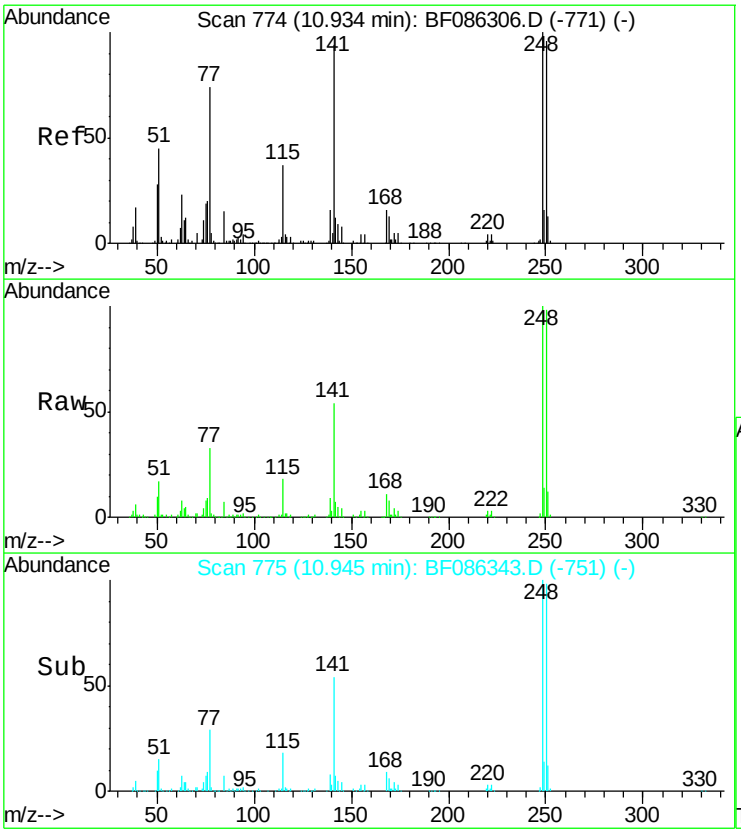
#65
n-Nitrosodiphenylamine
Concen: 46.52 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:169 Resp: 735705

Ion	Ratio	Lower	Upper
169	100		
168	67.5	54.3	81.5
167	36.7	30.2	45.2

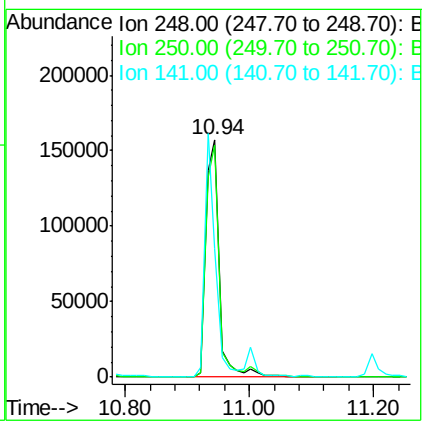


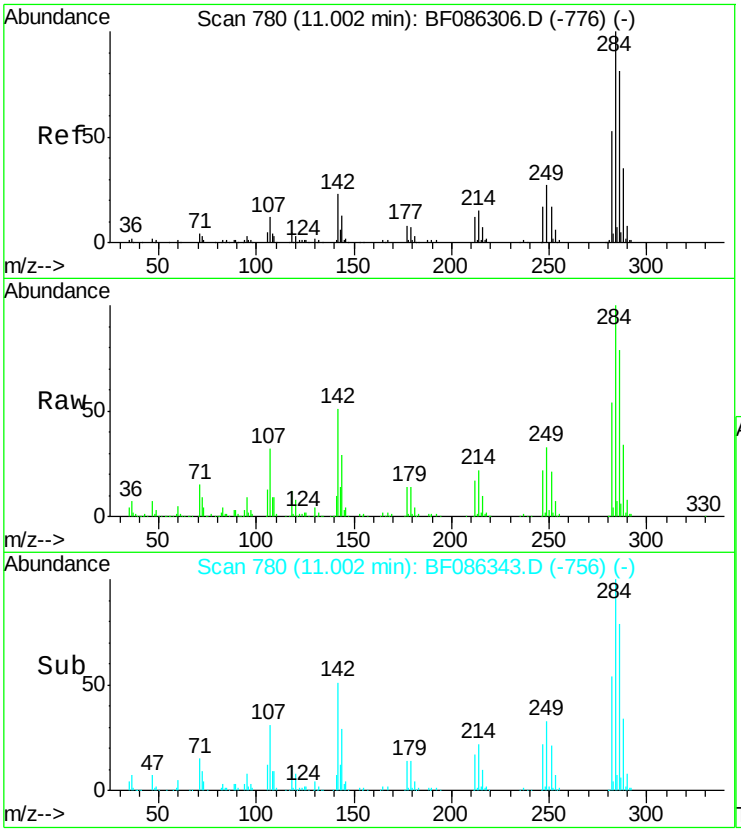


#66
4-Bromophenyl-phenylether
Concen: 45.53 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:248 Resp: 234819

Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.6	118.0
141	54.2	57.9	86.9#



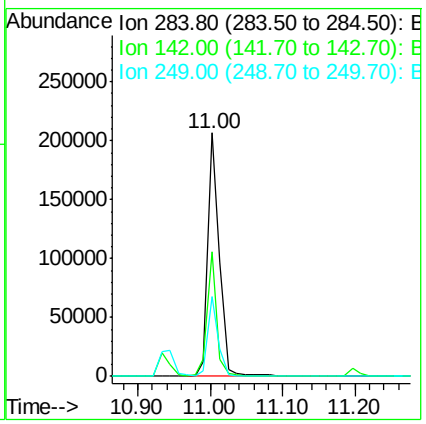


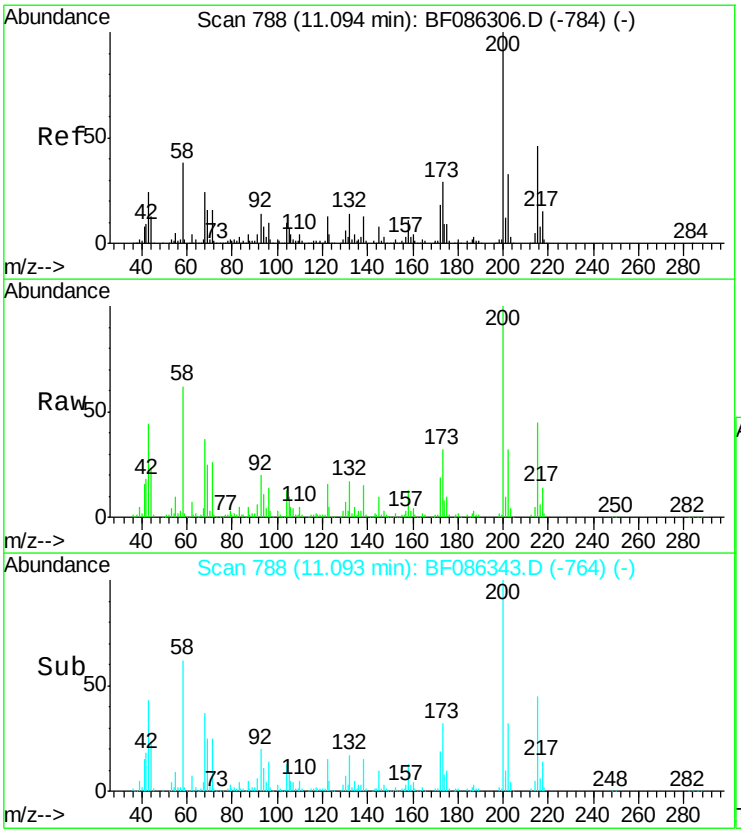
#67
Hexachlorobenzene
Concen: 44.06 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:284 Resp: 228080

Ion	Ratio	Lower	Upper
284	100		
142	51.4	42.6	64.0
249	32.8	25.9	38.9

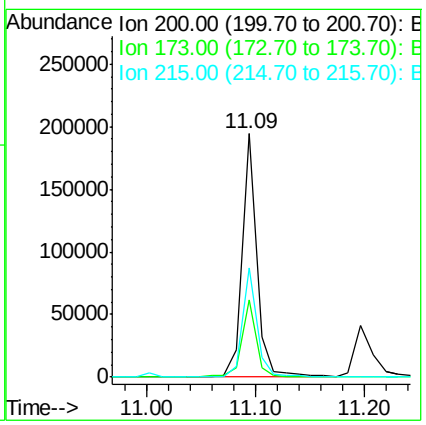


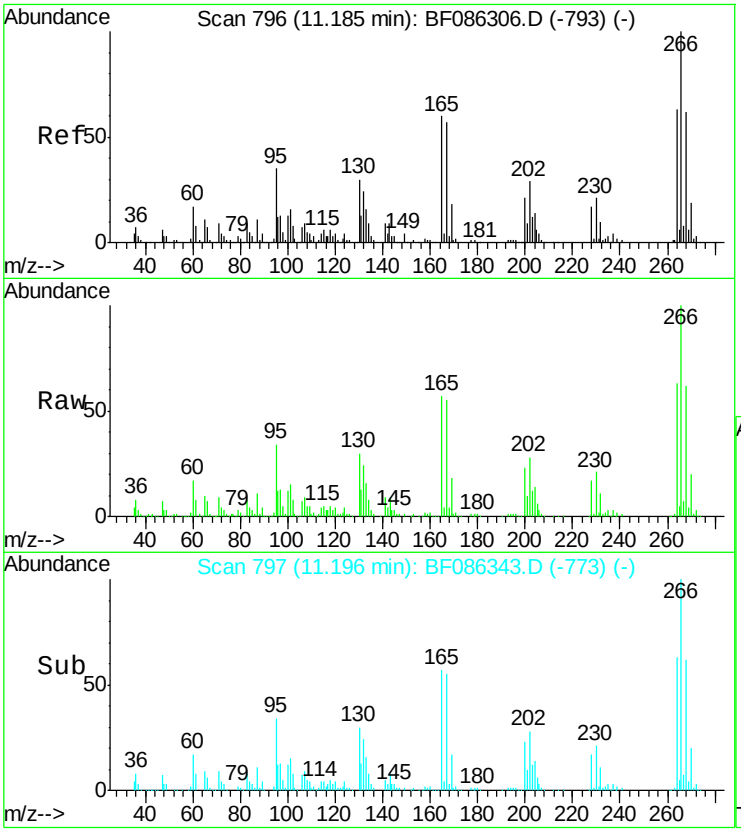


#68
Atrazine
Concen: 37.10 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:200 Resp: 180358

Ion	Ratio	Lower	Upper
200	100		
173	31.9	11.2	51.2
215	44.9	24.0	64.0



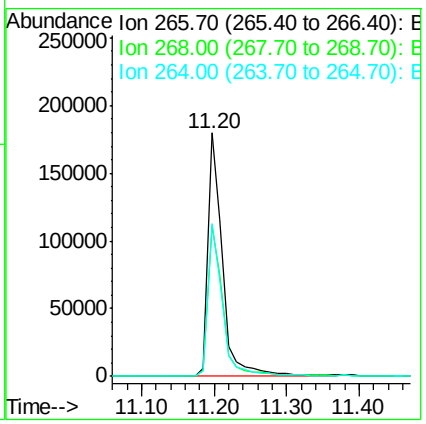


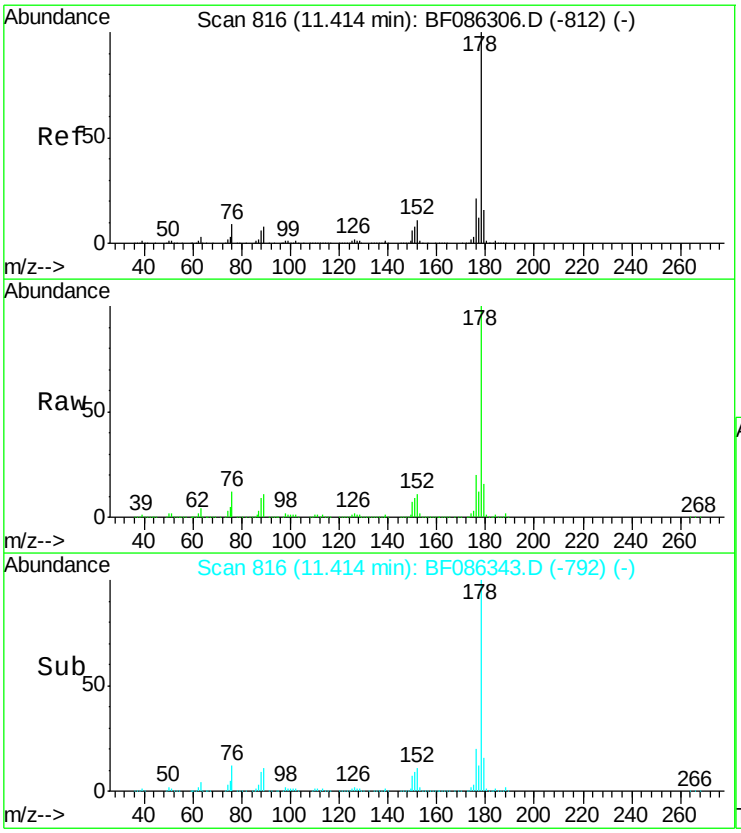
#69
Pentachlorophenol
Concen: 92.70 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:266 Resp: 251384

Ion	Ratio	Lower	Upper
266	100		
268	61.7	53.0	79.4
264	62.7	51.3	76.9

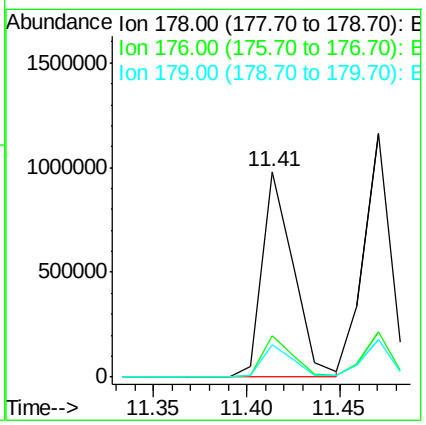


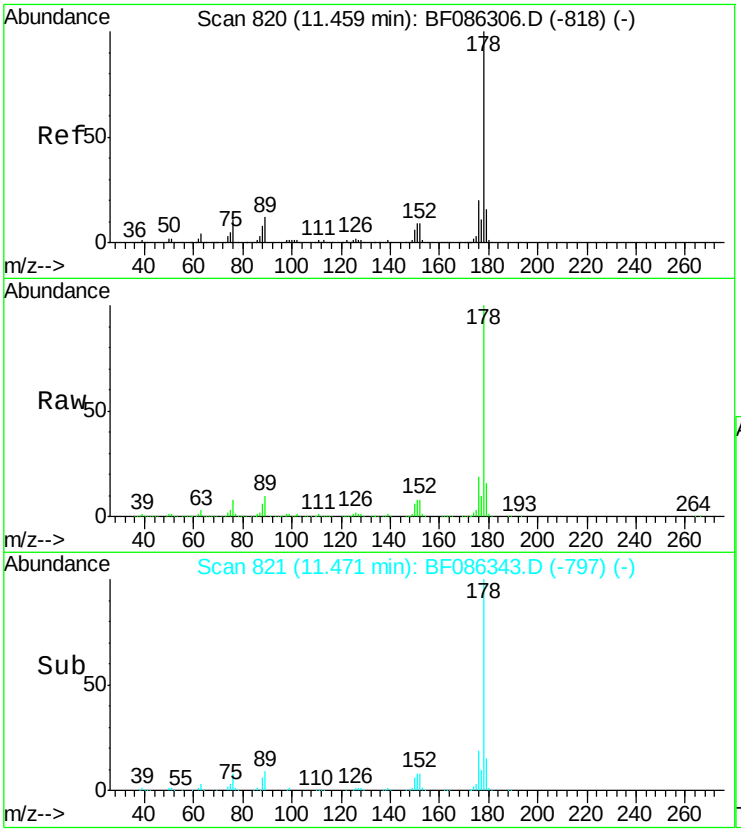


#70
Phenanthrene
Concen: 49.81 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:178 Resp: 1133121

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.3	24.5
179	15.8	13.0	19.6



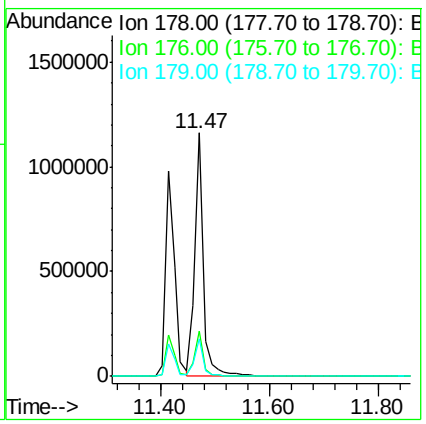


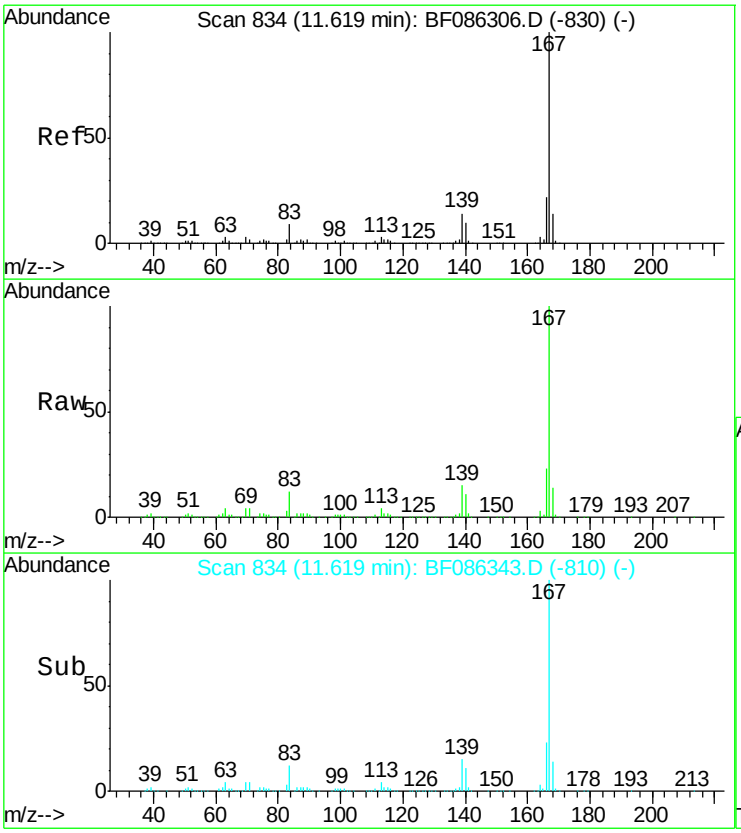
#71
Anthracene
Concen: 51.50 ng
RT: 11.47 min Scan# 821
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:178 Resp: 1254554

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.2	24.4
179	15.5	13.2	19.8

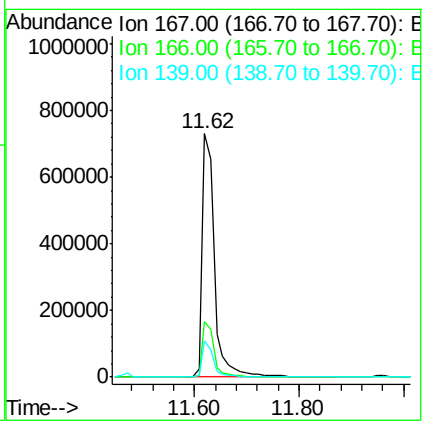


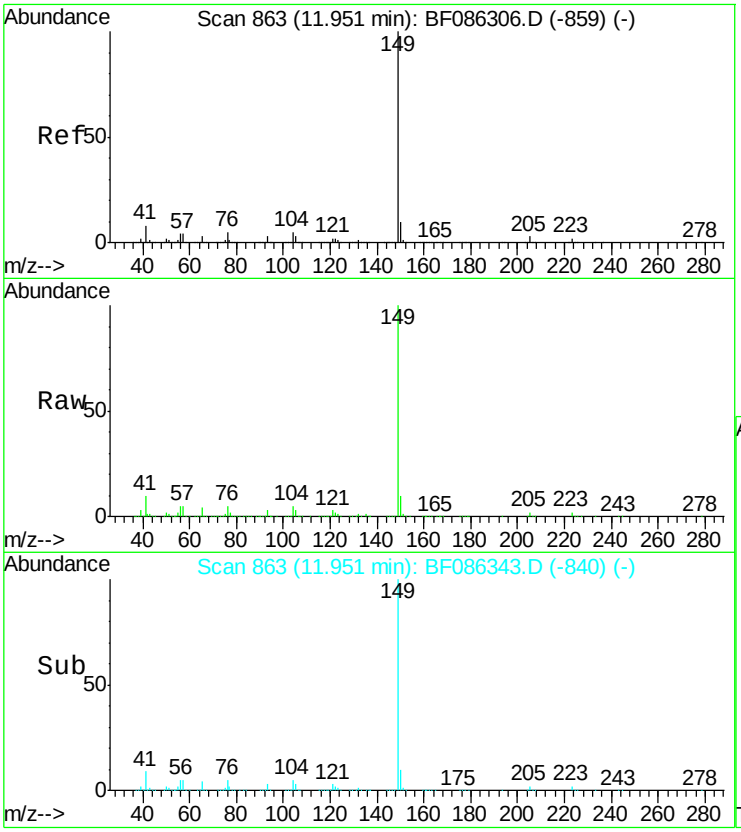


#72
Carbazole
Concen: 51.80 ng
RT: 11.62 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:167 Resp: 1194086

Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.3	27.5
139	15.0	12.3	18.5



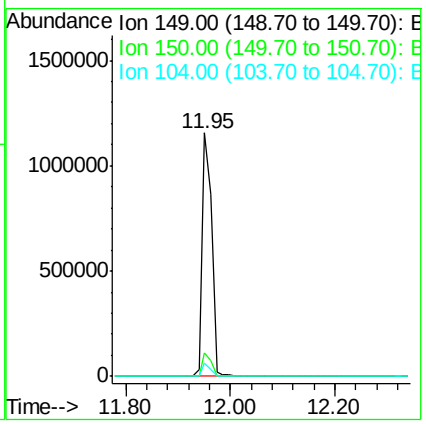


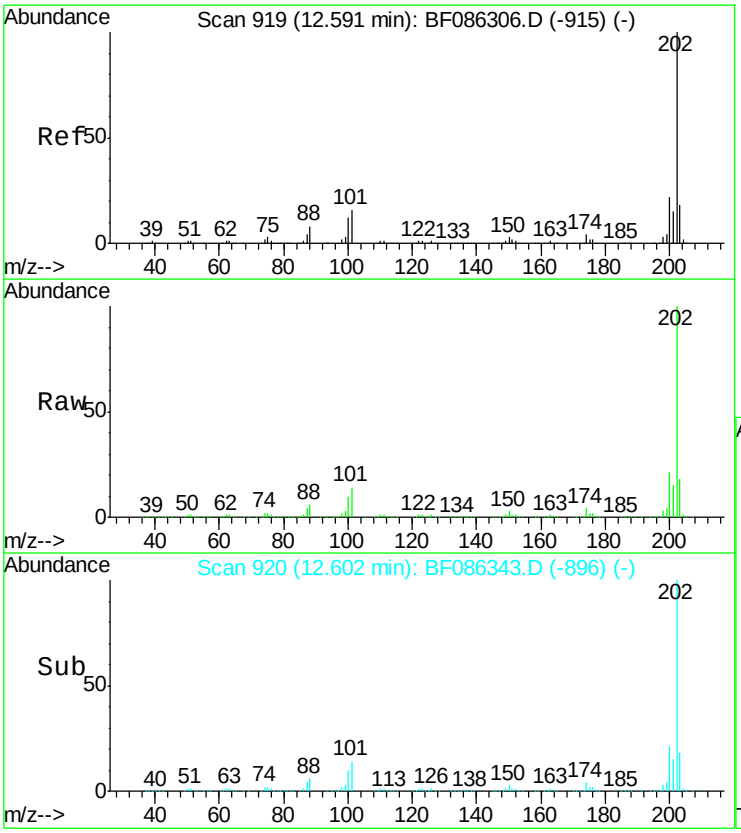
#73
Di-n-butylphthalate
Concen: 48.97 ng
RT: 11.95 min Scan# 863
Delta R.T. -0.03 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:149 Resp: 1453583

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.8
104	5.3	4.1	6.1

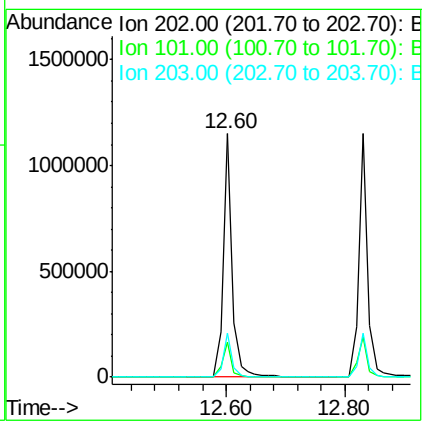


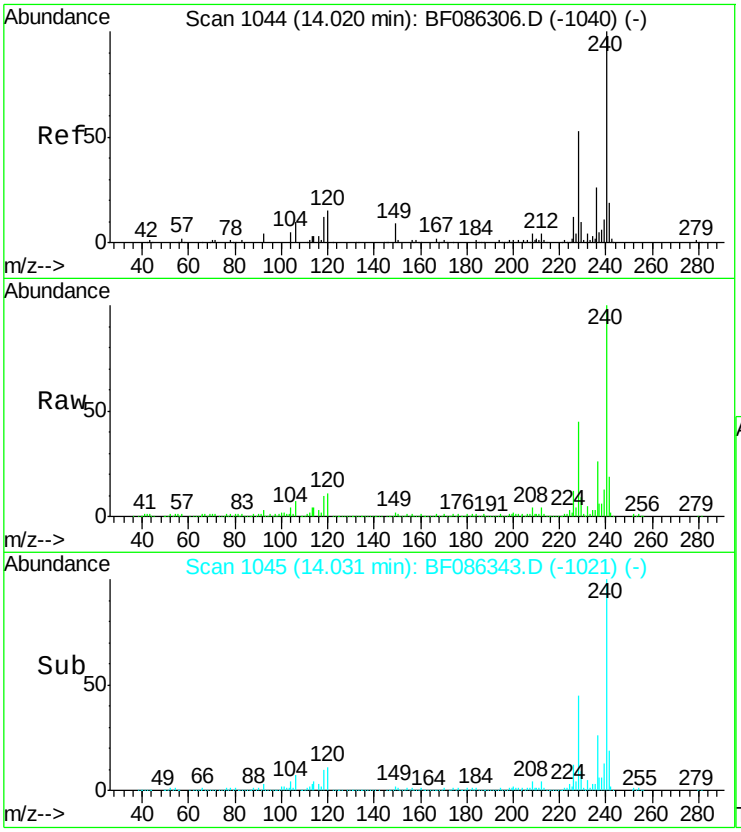


#74
Fluoranthene
Concen: 57.38 ng
RT: 12.60 min Scan# 920
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:202 Resp: 1210093

Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	35.2
203	17.9	0.0	38.2



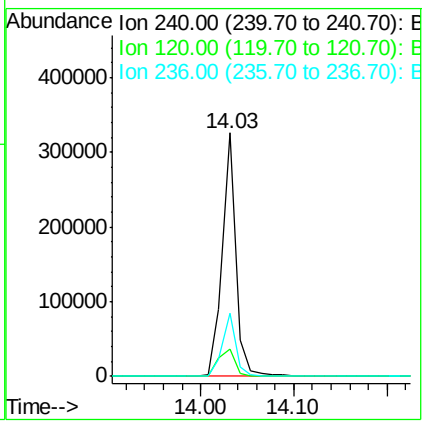


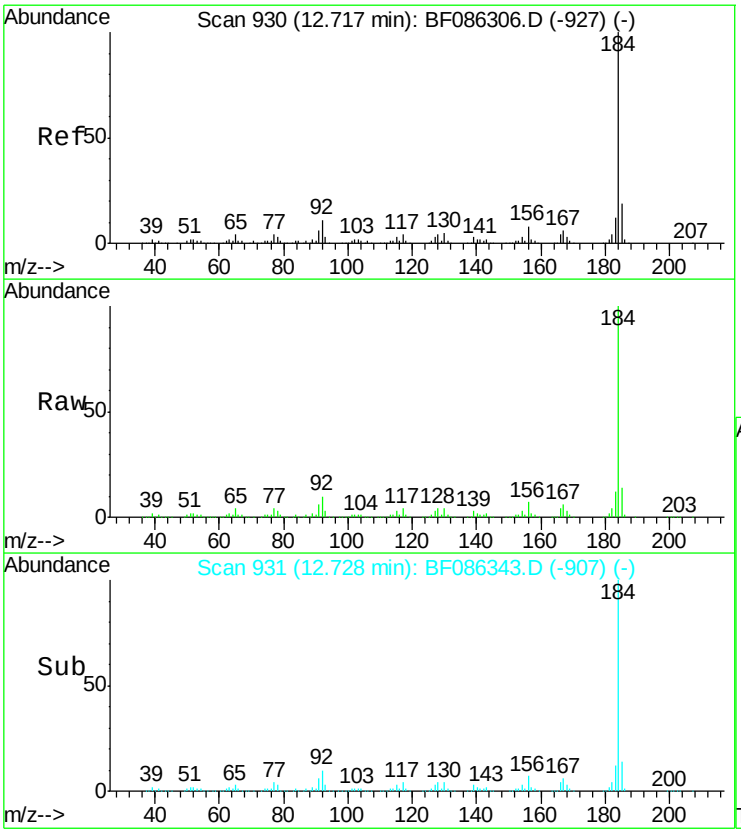
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:240 Resp: 332450

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.3	13.9
236	25.9	21.1	31.7

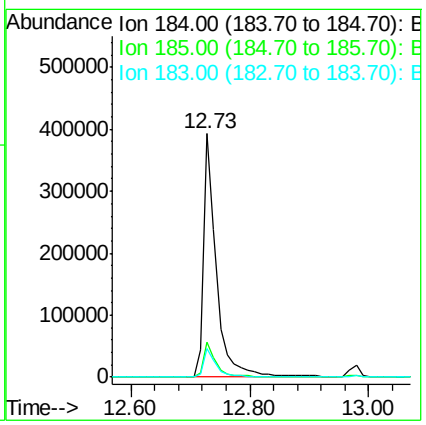


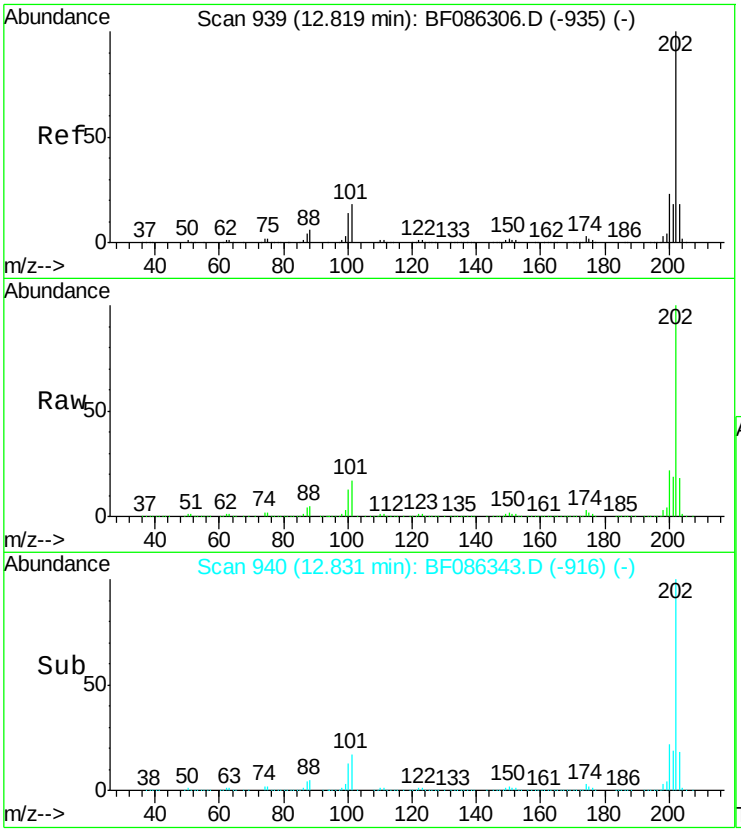


#76
Benzidine
Concen: 41.02 ng
RT: 12.73 min Scan# 931
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:184 Resp: 602057

Ion	Ratio	Lower	Upper
184	100		
185	14.5	14.2	21.2
183	11.6	9.8	14.6



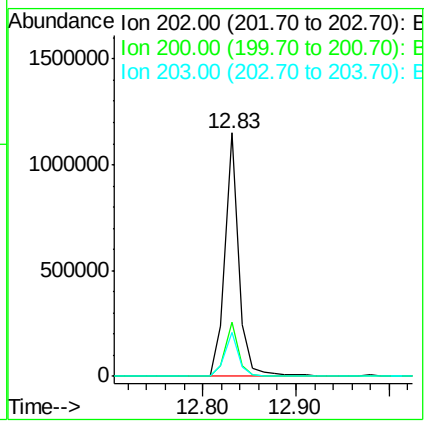


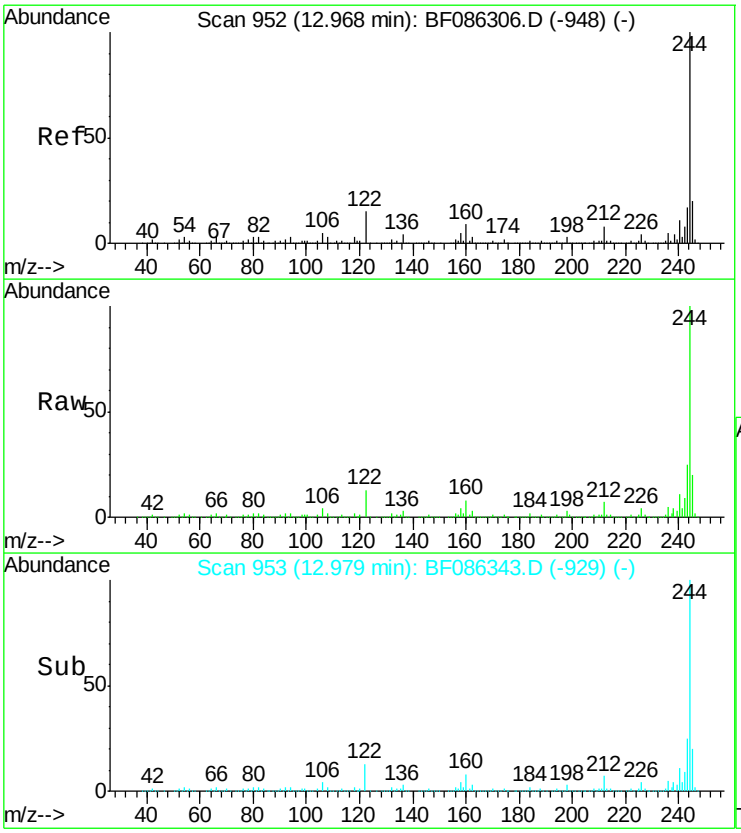
#77
Pyrene
Concen: 48.12 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:202 Resp: 1186646

Ion	Ratio	Lower	Upper
202	100		
200	22.3	18.3	27.5
203	18.0	14.9	22.3

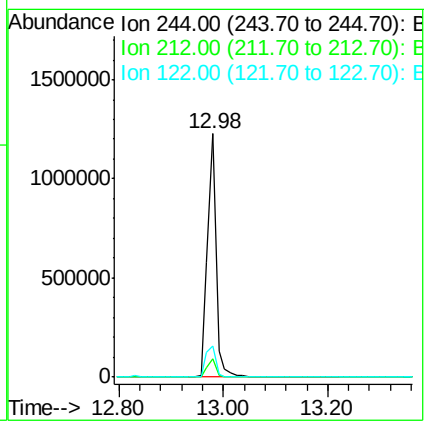


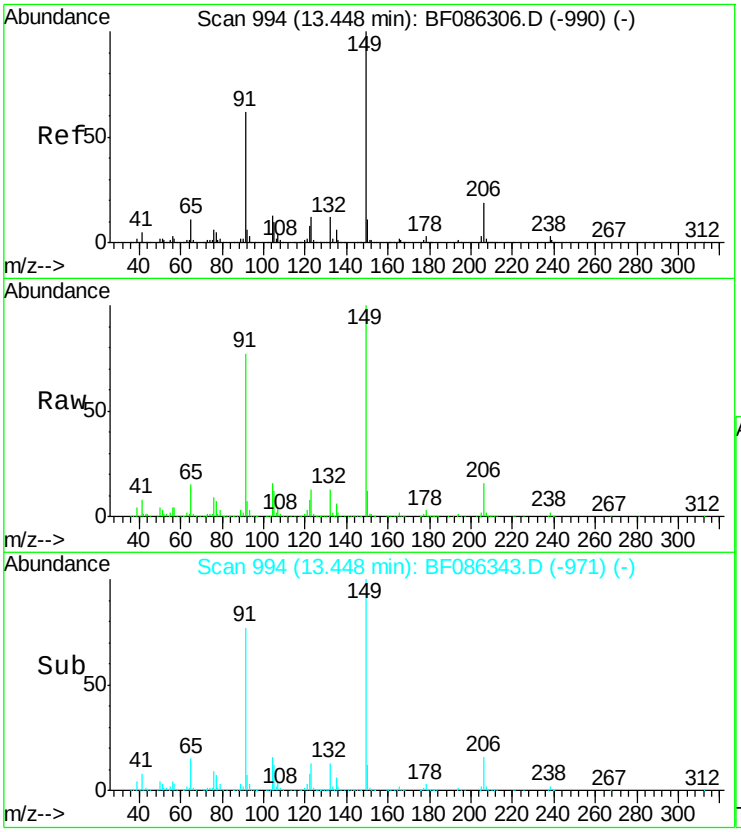


#78
Terphenyl-d14
Concen: 100.46 ng
RT: 12.98 min Scan# 953
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:244 Resp: 1403018

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.4	9.6
122	12.7	11.7	17.5



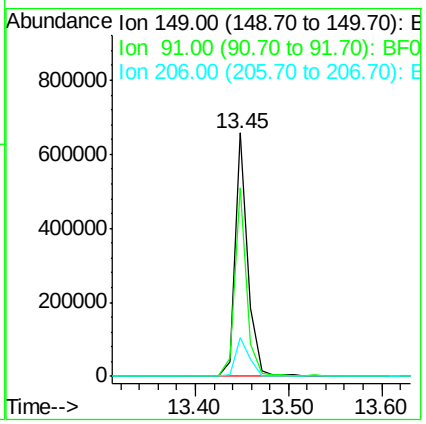


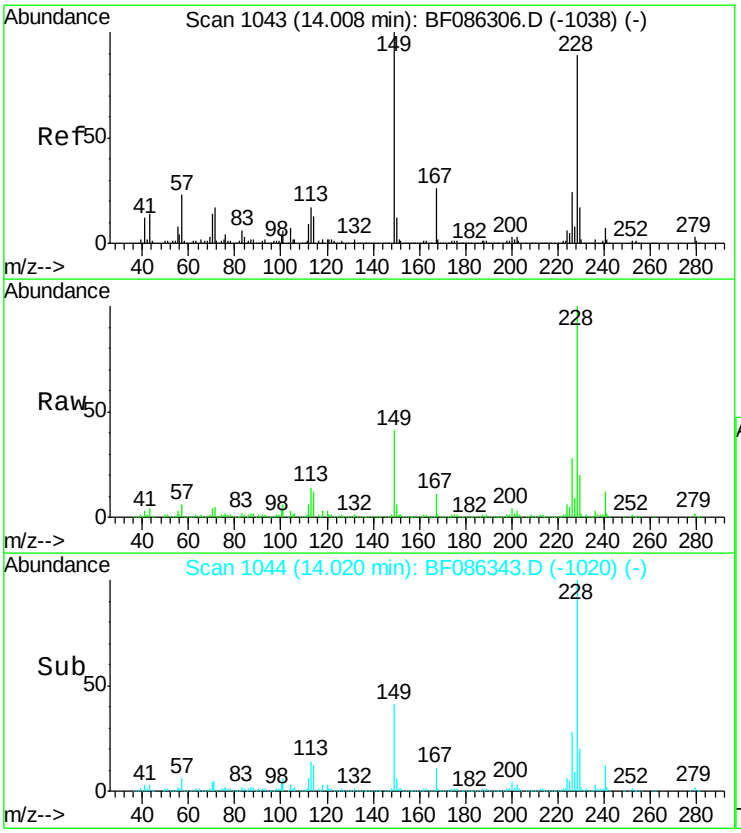
#79
Butylbenzylphthalate
Concen: 48.29 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.03 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:149 Resp: 628602

Ion	Ratio	Lower	Upper
149	100		
91	77.5	48.7	73.1#
206	16.0	15.7	23.5

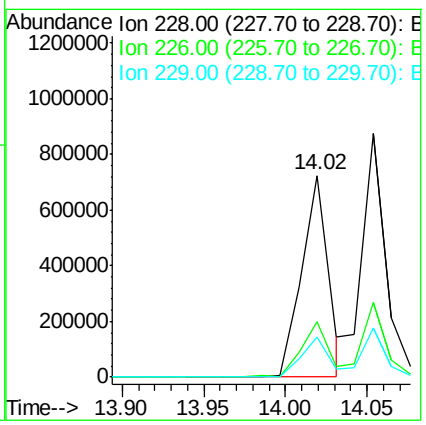


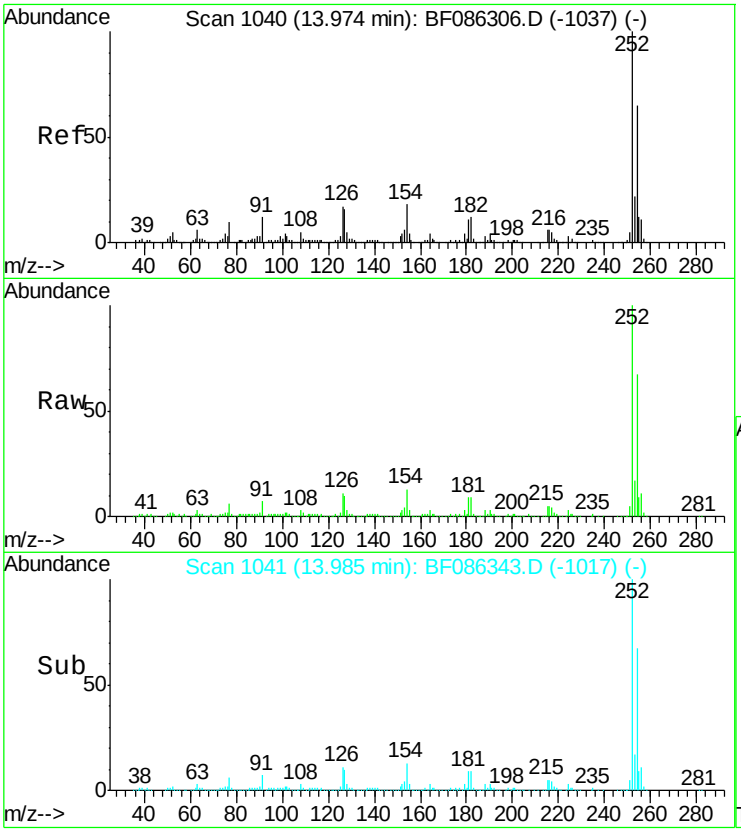


#80
Benzo(a)anthracene
Concen: 47.10 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:228 Resp: 824878

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.5	33.7
229	19.7	16.2	24.2



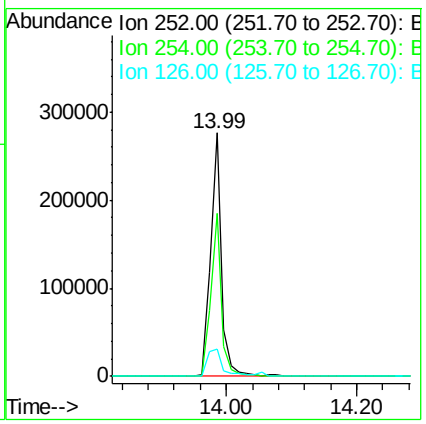


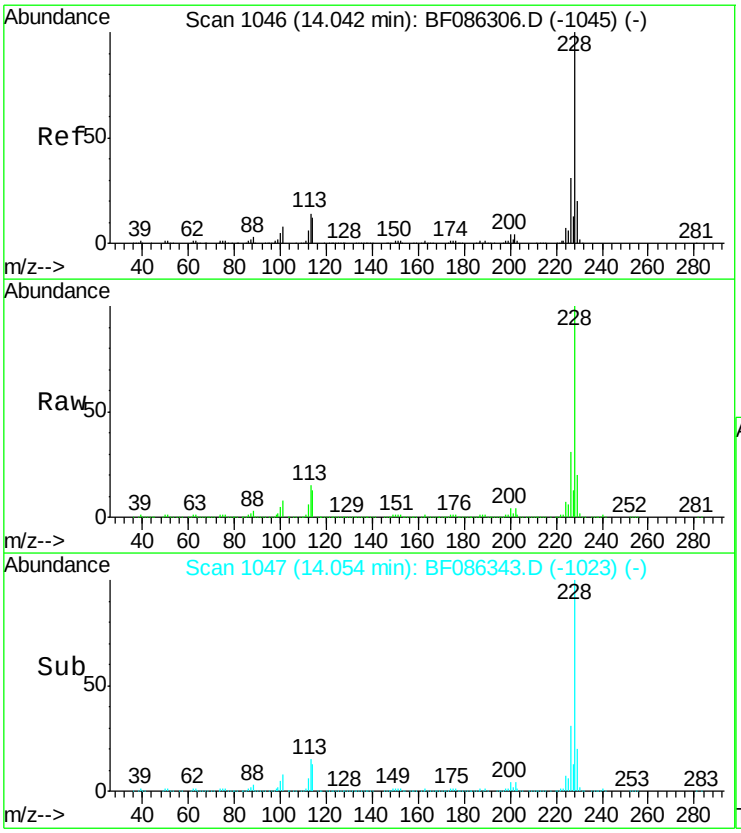
#81
3,3'-Dichlorobenzidine
Concen: 27.11 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:252 Resp: 328430

Ion	Ratio	Lower	Upper
252	100		
254	66.7	52.1	78.1
126	11.3	13.2	19.8#

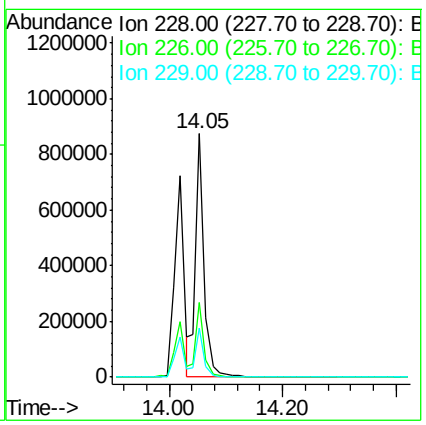


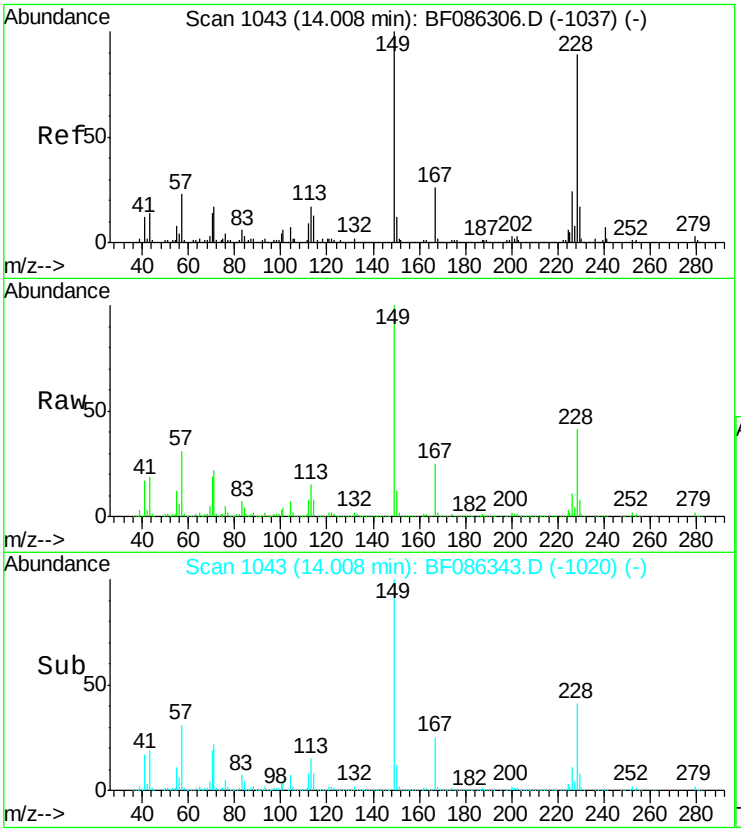


#82
Chrysene
Concen: 48.04 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:228 Resp: 909368

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.4	38.2
229	19.9	16.5	24.7



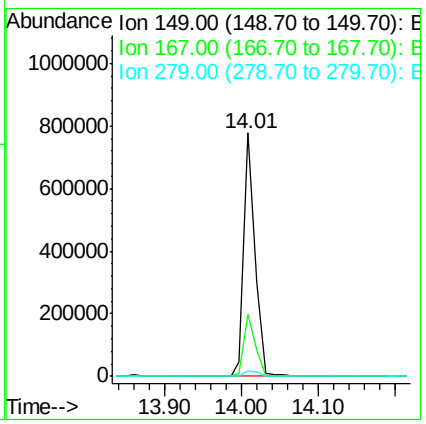


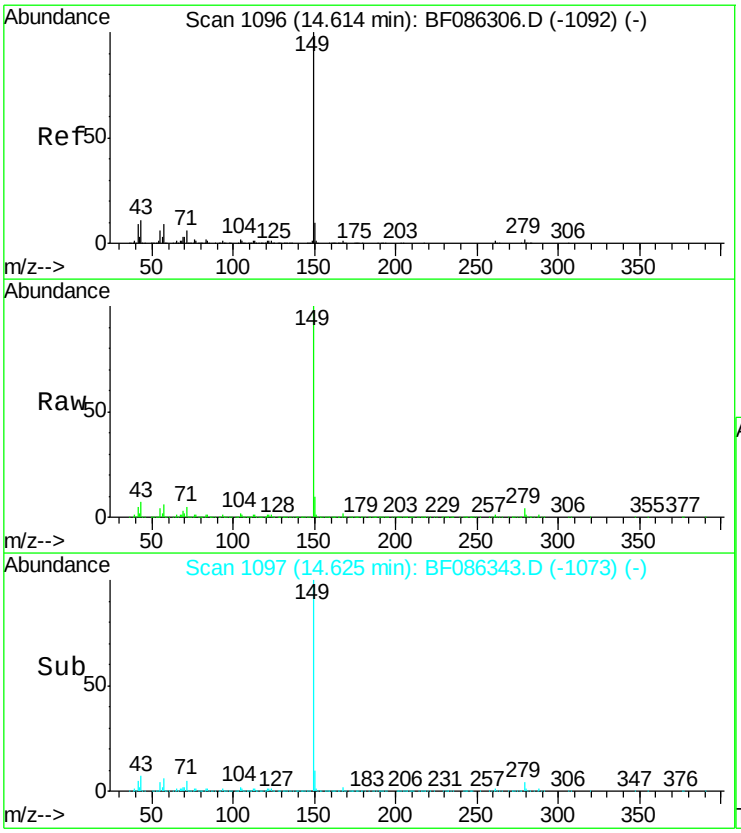
#83
Bis(2-ethylhexyl)phthalate
Concen: 51.26 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:149 Resp: 781515

Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.0	31.4
279	2.1	2.4	3.6#

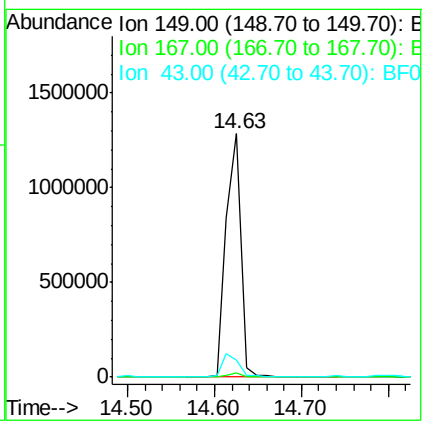


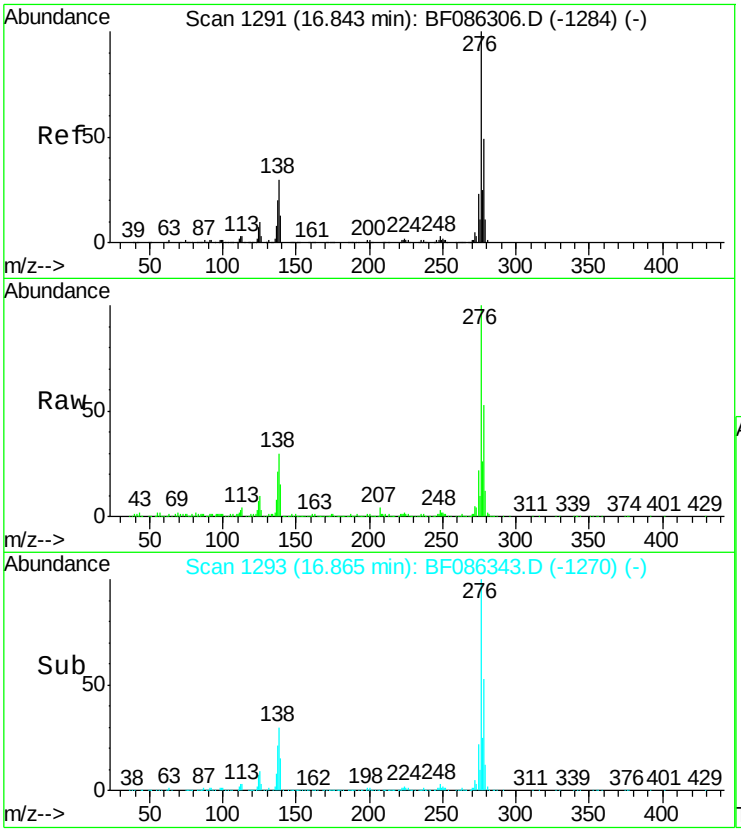


#84
Di-n-octyl phthalate
Concen: 55.05 ng
RT: 14.63 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:149 Resp: 1512606

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	9.9	9.1	13.7



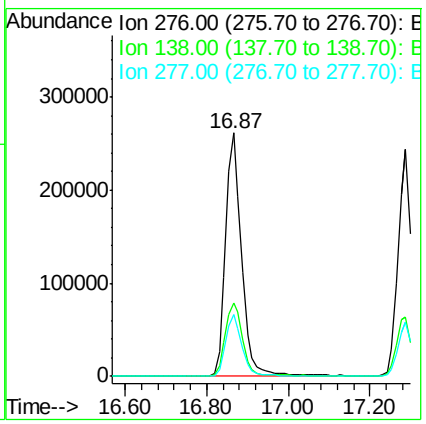


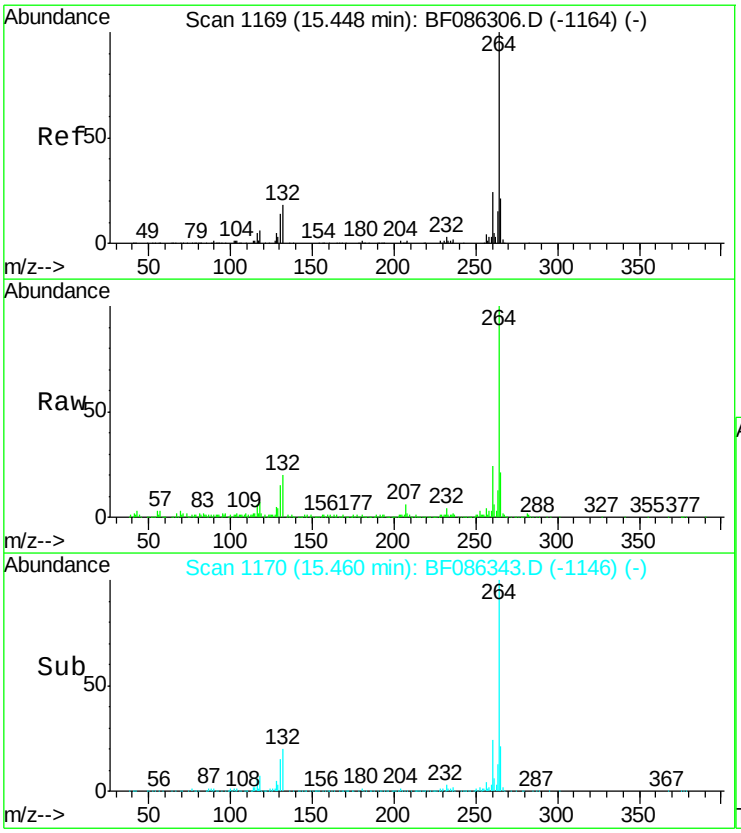
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.87 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:276 Resp: 717564

Ion	Ratio	Lower	Upper
276	100		
138	32.1	23.8	35.6
277	25.8	20.2	30.2

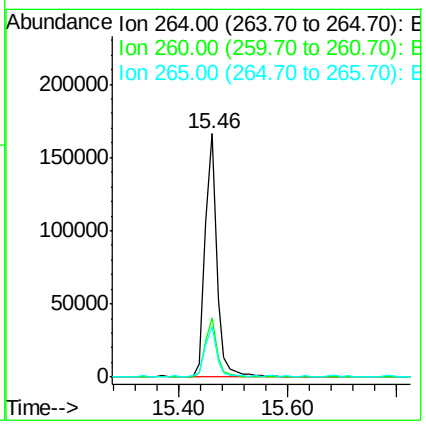


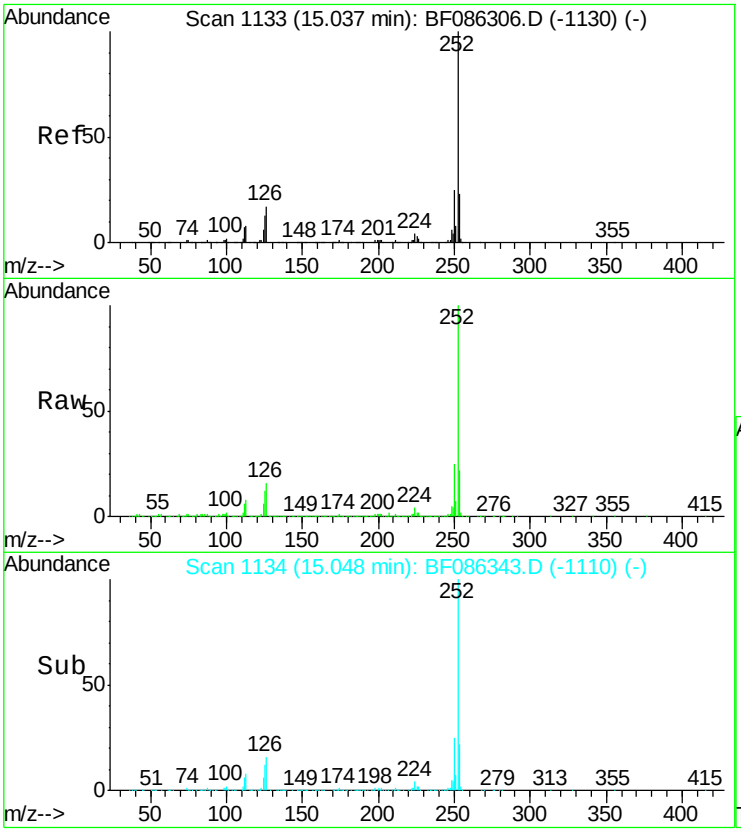


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:264 Resp: 252402

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.0	30.0
265	20.8	17.4	26.0



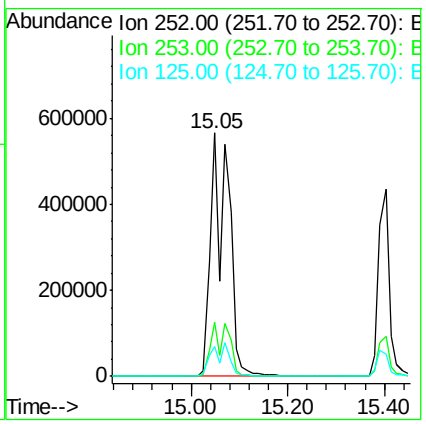


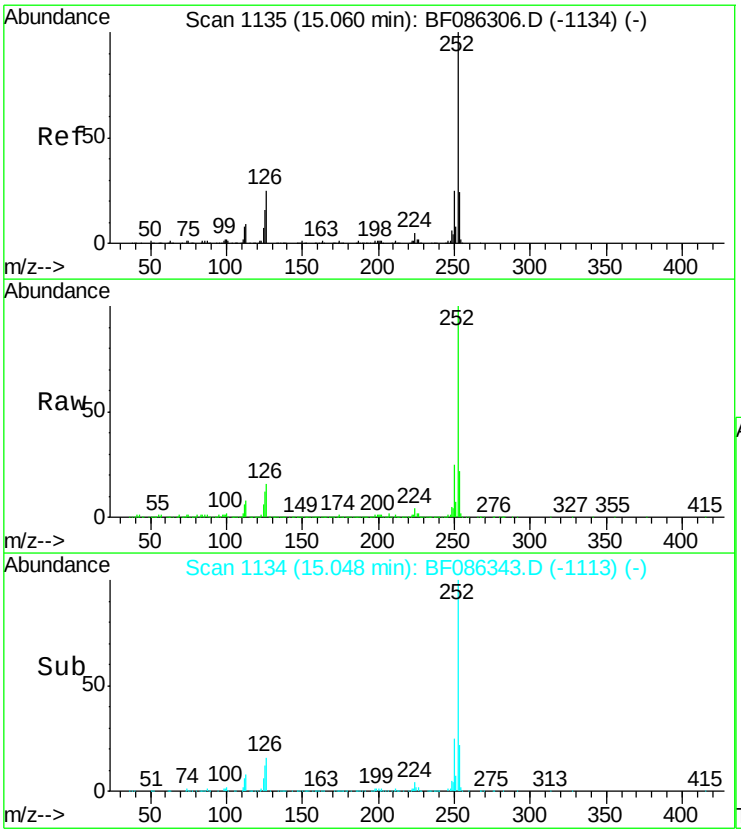
#87
Benzo(b)fluoranthene
Concen: 99.82 ng
RT: 15.05 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:252 Resp: 1457289

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	12.0	10.3	15.5

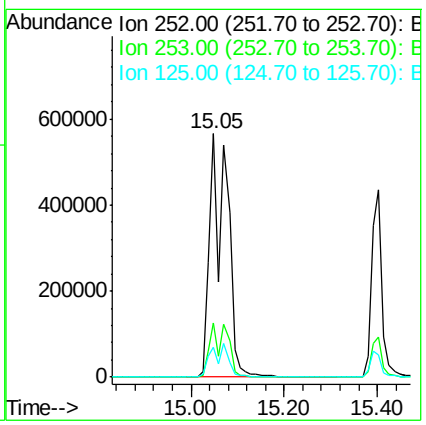


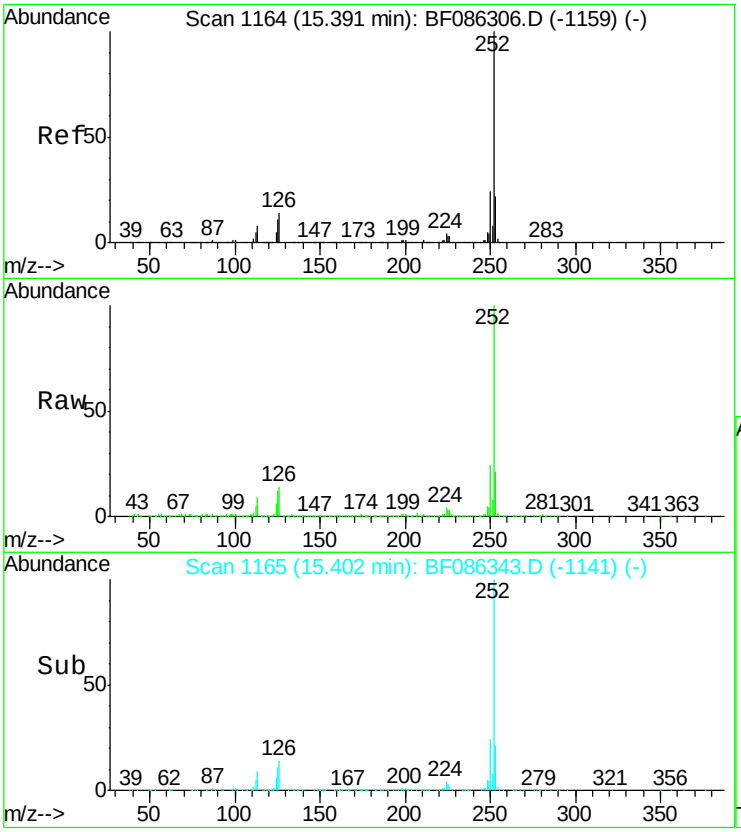


#88
Benzo(k)fluoranthene
Concen: 118.61 ng
RT: 15.05 min Scan# 1134
Delta R.T. -0.06 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:252 Resp: 1457732

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	12.0	7.8	11.6#



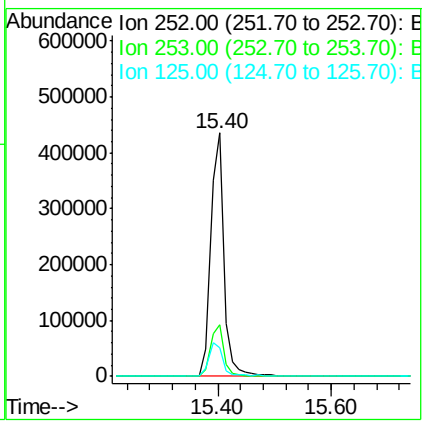


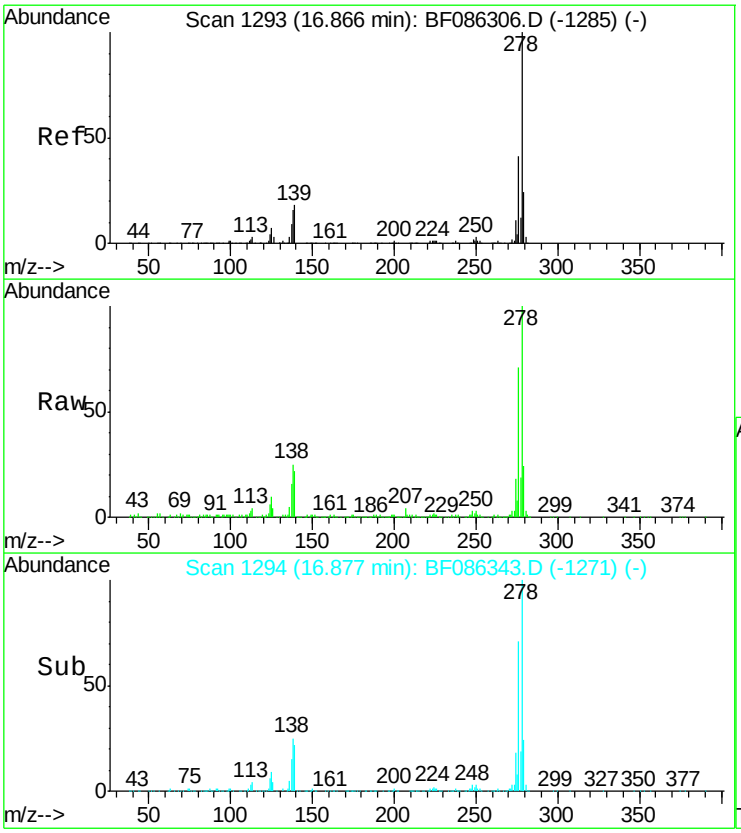
#89
Benzo(a)pyrene
Concen: 50.53 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:252 Resp: 679849

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.8
125	11.5	11.2	16.8

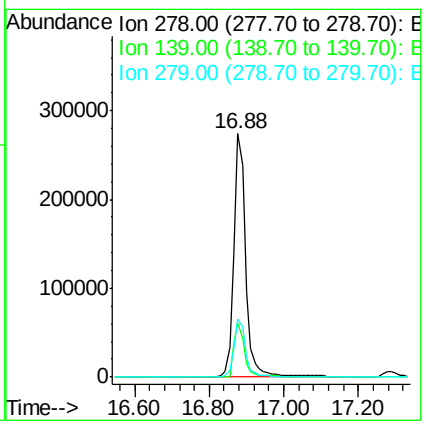


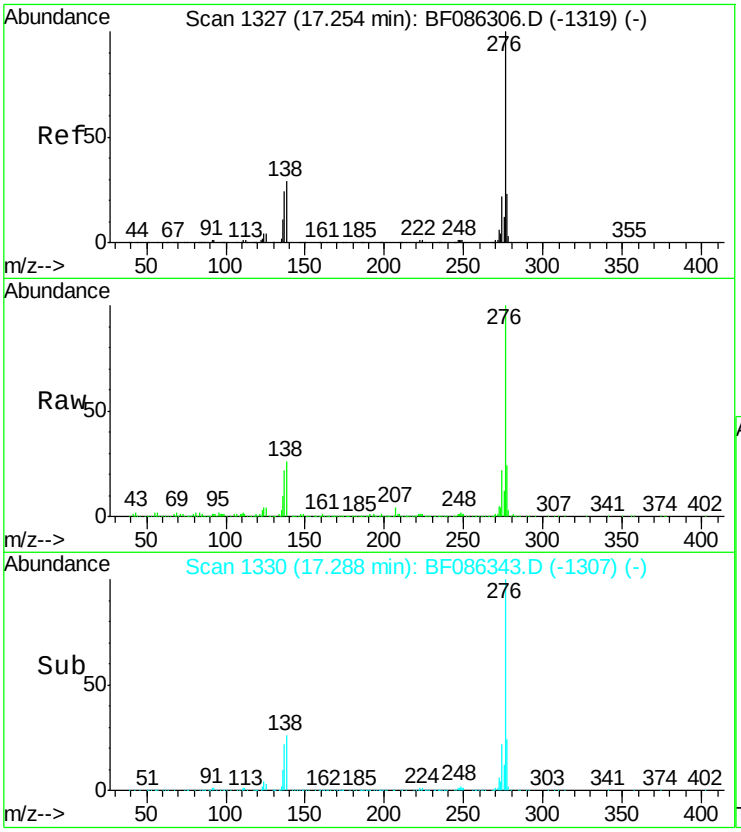


#90
Dibenzo(a,h)anthracene
Concen: 51.74 ng
RT: 16.88 min Scan# 1294
Delta R.T. -0.03 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Tgt Ion:278 Resp: 607691

Ion	Ratio	Lower	Upper
278	100		
139	22.4	15.3	22.9
279	23.9	19.1	28.7





#91
Benzo(g,h,i)perylene
Concen: 53.14 ng
RT: 17.29 min Scan# 1330
Delta R.T. -0.03 min
Lab File: BF086343.D
Acq: 21 Apr 2016 7:40

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)MSD

Tgt Ion:276 Resp: 598457

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.6
138	25.9	19.6	29.4