Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\

Quantitation Report (Not Reviewed)

Data File : BF109035.D
Acq On : 15 Sep 2018 10:01
Operator : JU/SJ
Sample : PB112873BSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB112873BSD

Quant Time: Sep 17 03:17:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	148666	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	552132	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	259971	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	482151	20.00	ng		0.00
75) Chrysene-d12	13.85	240	288782	20.00	ng		0.00
86) Perylene-d12	15.25	264	360971	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	833874	93.16	ng		0.01
7) Phenol-d6	6.36	99	1069500	92.66	ng		0.00
23) Nitrobenzene-d5	7.28	82	982224	99.78	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	276183	97.89	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1670323	100.66	ng		0.00
78) Terphenyl-d14	12.81	244	1565874	128.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	156809	36.802	ng		93
3) Pyridine	3.15	79	454006	40.195	ng		92
4) n-Nitrosodimethylamine	3.09	42	209791	49.179	ng	#	94
6) Aniline	6.38	93	584110	39.154	ng		97
8) 2-Chlorophenol	6.51	128	443522	44.277	ng		97
9) Benzaldehyde	6.26	77	187796	25.476	ng		99
10) Phenol	6.37	94	552334	42.530	ng		82
11) bis(2-Chloroethyl)ether	6.46	93	436650	42.738	ng		97
12) 1,3-Dichlorobenzene	6.66	146	483031	42.166	ng		97
13) 1,4-Dichlorobenzene	6.74	146	484512	42.159	ng		100
14) 1,2-Dichlorobenzene	6.90	146	445139	41.780	ng		97
15) Benzyl Alcohol	6.87	79	389465	44.447	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	639592	43.691	ng		96
17) 2-Methylphenol	6.98	107	371664	45.478	ng		98
18) Hexachloroethane	7.24	117	178957	42.875	ng		99
19) n-Nitroso-di-n-propylamine	7.14	70	318264	41.717	ng		96
20) 3+4-Methylphenols	7.14	107	426737	43.356	ng	#	69
22) Acetophenone	7.13	105	592019	47.215	ng	#	91
24) Nitrobenzene	7.30	77	475369	46.837	ng		98
25) Isophorone	7.55	82	890017	52.597	ng		98
26) 2-Nitrophenol	7.62	139	223232	47.104	ng		99
27) 2,4-Dimethylphenol	7.66	122	402350	54.123	ng		100
28) bis(2-Chloroethoxy)methane	7.76	93	552262	48.499	ng		99
29) 2,4-Dichlorophenol	7.86	162	374713	47.301	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	387070	45.201	ng		96
31) Naphthalene	8.02	128	1251451	48.834	ng		99
32) Benzoic acid	7.80	122	262906	54.124	ng		99
33) 4-Chloroaniline	8.07	127	390893	34.306	ng		99
34) Hexachlorobutadiene	8.15	225	230253	44.043	ng		98
35) Caprolactam	8.44	113	73175	28.332	ng	#	81
36) 4-Chloro-3-methylphenol	8.56	107	391220	46.912	ng		99
37) 2-Methylnaphthalene	8.71	142	841737	50.388	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	362151	44.260	ng		99
40) Hexachlorocyclopentadiene	8.88	237	384900	93.364	ng		100

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\

Quantitation Report (Not Reviewed)

Data File : BF109035.D
Acq On : 15 Sep 2018 10:01
Operator : JU/SJ
Sample : PB112873BSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB112873BSD

Quant Time: Sep 17 03:17:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	260707	47.403	ng		97
43) 2,4,5-Trichlorophenol	9.04	196	285919	49.749	ng		94
45) 1,1'-Biphenyl	9.18	154	981517	47.191	ng		99
46) 2-Chloronaphthalene	9.20	162	767766	46.093	ng		99
47) 2-Nitroaniline	9.30	65	246020	48.044	ng		98
48) Acenaphthylene	9.61	152	1247654	49.680	ng		100
49) Dimethylphthalate	9.48	163	885243	47.642	ng		99
50) 2,6-Dinitrotoluene	9.54	165	201544	48.911	ng		94
51) Acenaphthene	9.79	154	795121	50.845	ng		99
52) 3-Nitroaniline	9.70	138	165604	34.130	ng		93
53) 2,4-Dinitrophenol	9.81	184	147457	92.852	ng	#	17
54) Dibenzofuran	9.96	168	1056395	46.747	ng		98
55) 4-Nitrophenol	9.87	139	329741	92.237	ng		99
56) 2,4-Dinitrotoluene	9.94	165	267611	49.659	ng	#	93
57) Fluorene	10.30	166	771343	51.219	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	243644	51.198	ng		88
59) Diethylphthalate	10.18	149	888087	47.330	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	367184	45.534	ng		93
61) 4-Nitroaniline	10.32	138	212874	46.178	ng		97
62) Azobenzene	10.45	77	907776	47.263	ng		95
64) 4,6-Dinitro-2-methylphenol	10.35	198	99699	43.218	ng		81
65) n-Nitrosodiphenylamine	10.41	169	758363	48.084	ng		96
66) 4-Bromophenyl-phenylether	10.78	248	257697	47.409	ng		92
67) Hexachlorobenzene	10.85	284	272567	46.880	ng	#	91
68) Atrazine	10.94	200	251113	49.738	ng		97
69) Pentachlorophenol	11.04	266	285880	76.852	ng		97
70) Phenanthrene	11.25	178	1186850	50.216	ng		99
71) Anthracene	11.31	178	1209667	50.490	ng		99
72) Carbazole	11.46	167	1072780	45.232	ng		99
73) Di-n-butylphthalate	11.80	149	1325652	47.750	ng		99
74) Fluoranthene	12.44	202	1196821	47.966	ng		97
76) Benzidine	12.55	184	576175	56.363	ng		99
77) Pyrene	12.66	202	1141687	53.225	ng		99
79) Butylbenzylphthalate	13.28	149	522502	54.537	ng		96
80) Benzo(a)anthracene	13.84	228	928541	53.109	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	287476	40.746	ng		96
82) Chrysene	13.88	228	902318	51.583	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	652672	56.263	ng		100
84) Di-n-octyl phthalate	14.46	149	1133037	57.591	ng		98
85) Indeno(1,2,3-cd)pyrene	16.61	276	1112882	79.576	ng		94
87) Benzo(b)fluoranthene	14.86	252	953536	47.749	ng		98
88) Benzo(k)fluoranthene	14.89	252	882400	47.309	ng		97
89) Benzo(a)pyrene	15.20	252	924186	52.112	ng		99
90) Dibenzo(a,h)anthracene	16.62	278	915122	61.420	ng		96
91) Benzo(g,h,i)perylene	17.02	276	934206	62.715	ng	#	93

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

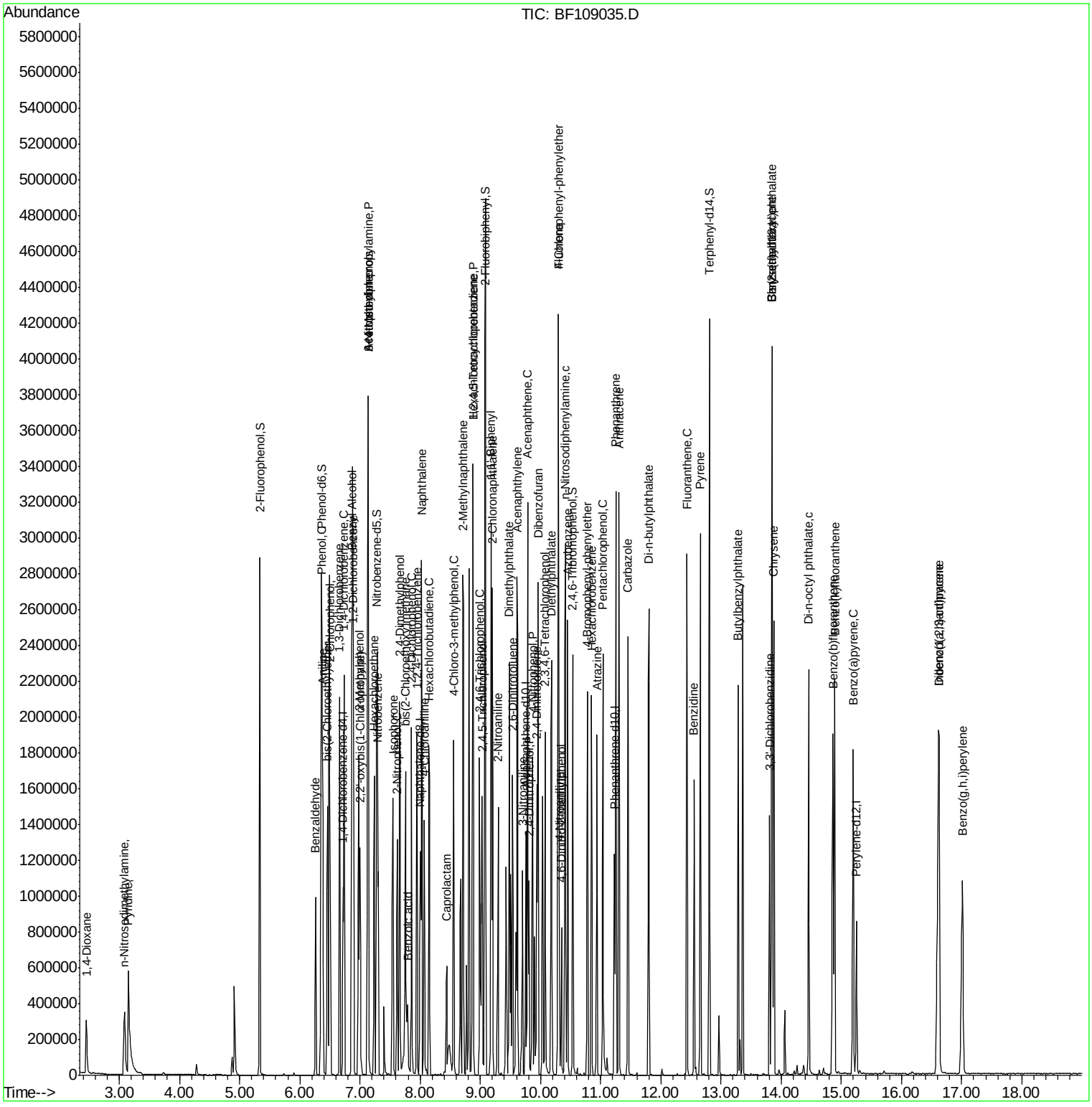
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\

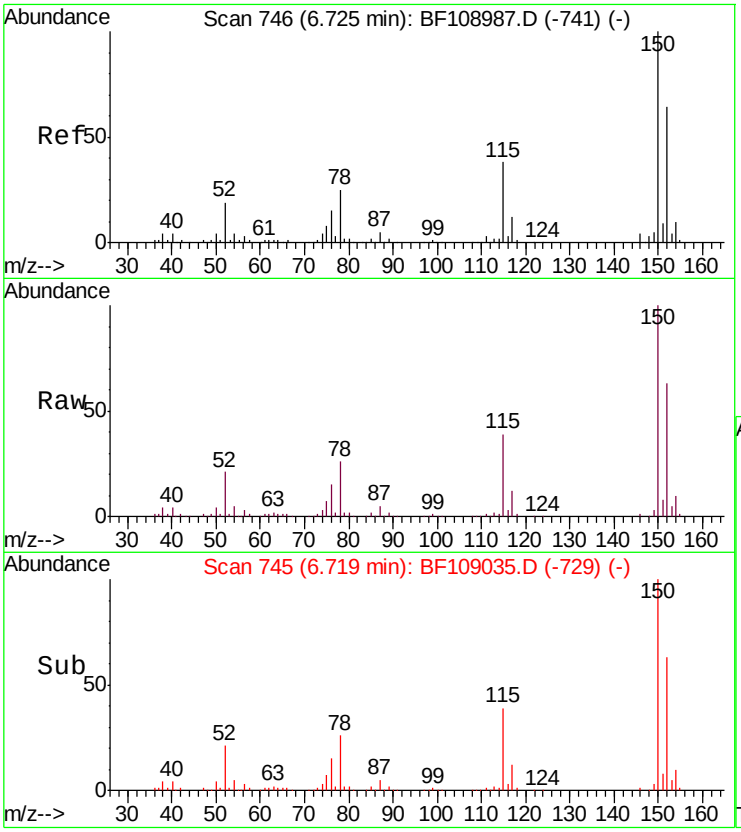
Quantitation Report (Not Reviewed)

Data File : BF109035.D
Acq On : 15 Sep 2018 10:01
Operator : JU/SJ
Sample : PB112873BSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Quant Time: Sep 17 03:17:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration



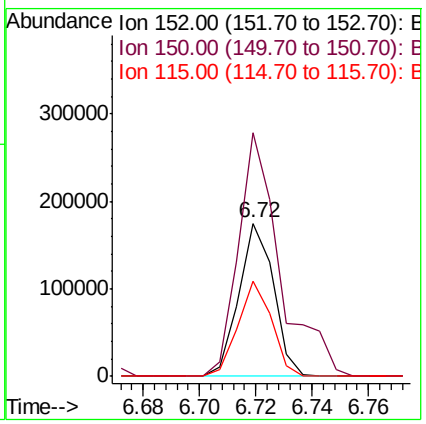


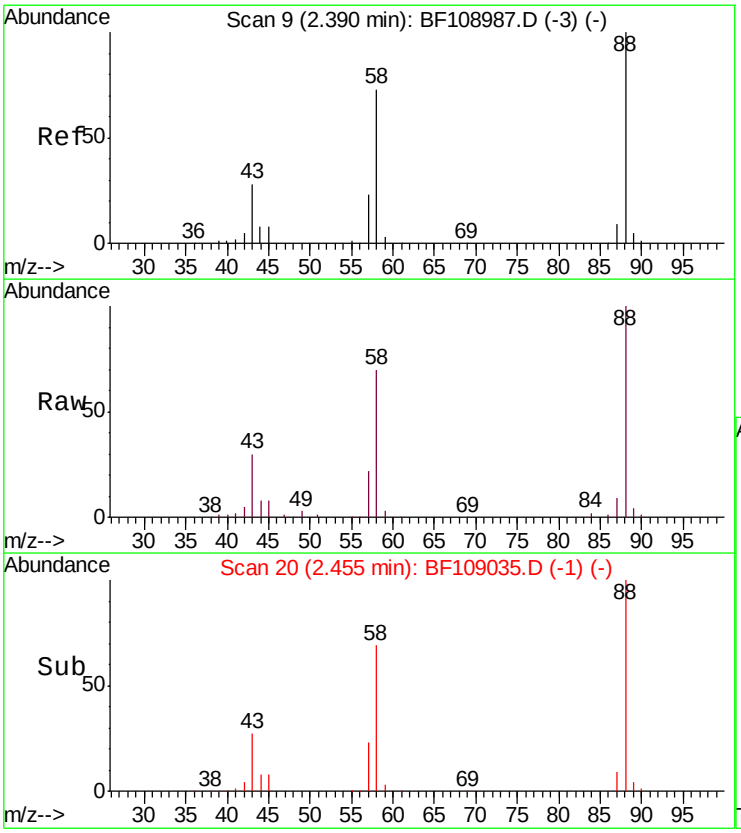
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion:152 Resp: 148666

Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	62.0	50.1	75.1

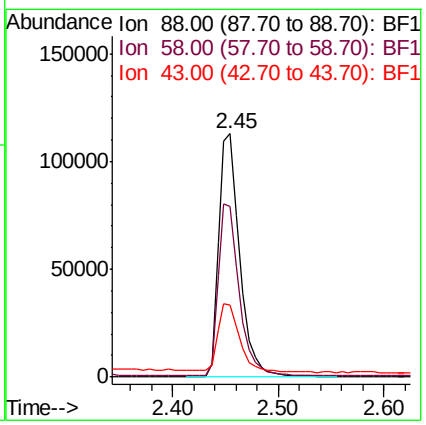


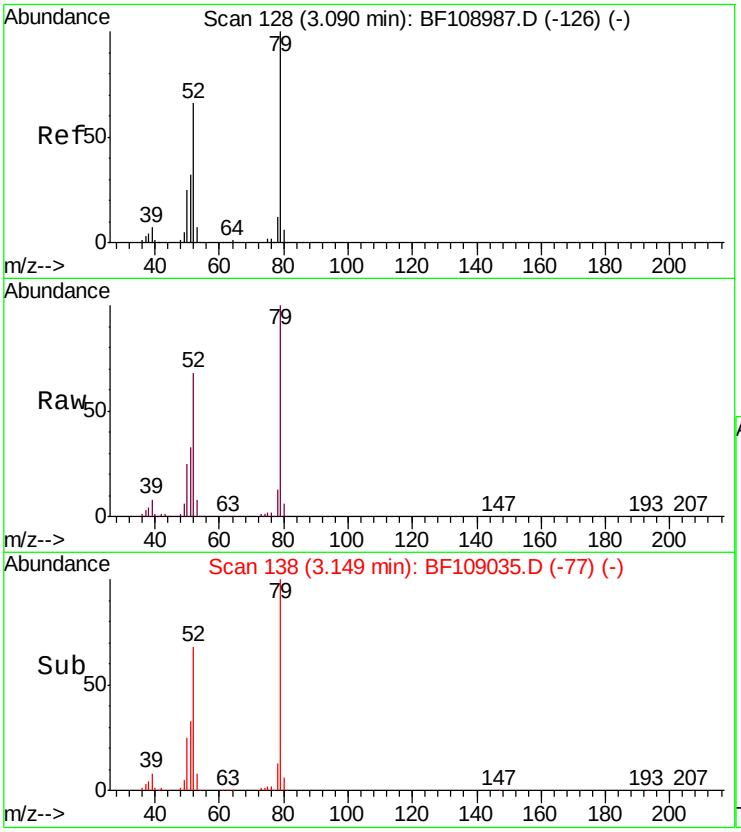


#2
1,4-Dioxane
Concen: 36.802 ng
RT: 2.45 min Scan# 20
Delta R.T. 0.06 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion: 88 Resp: 156809

Ion	Ratio	Lower	Upper
88	100		
58	69.8	62.6	93.8
43	29.8	24.6	37.0



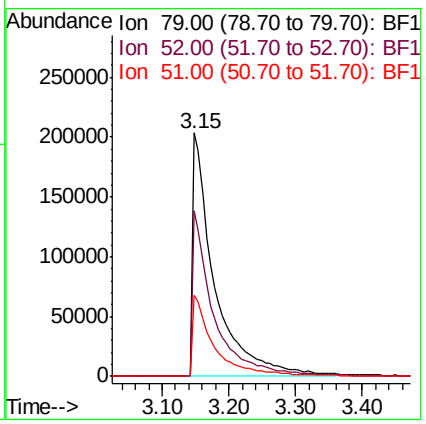


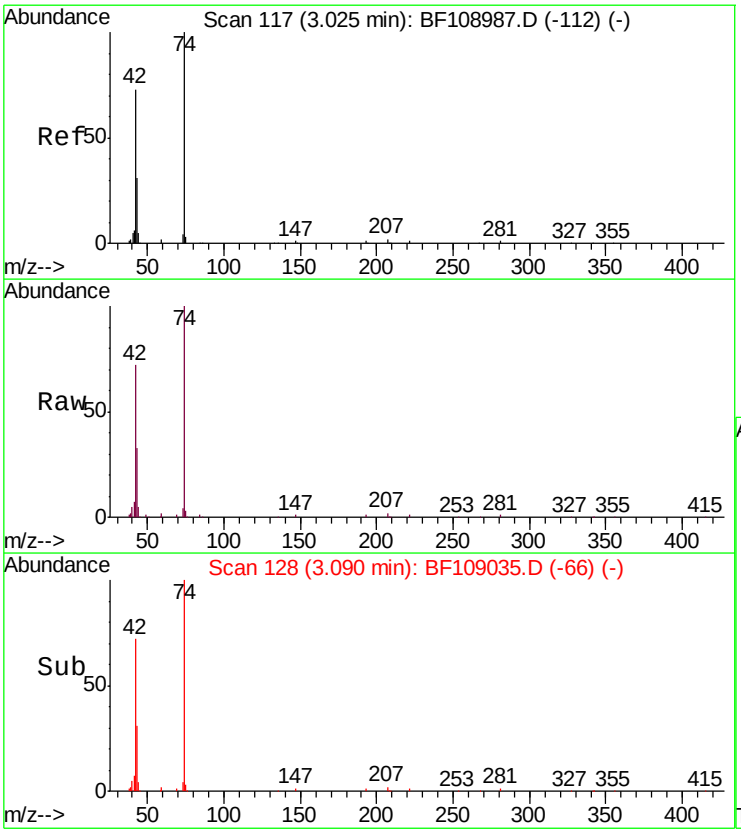
#3
Pyridine
Concen: 40.195 ng
RT: 3.15 min Scan# 138
Delta R.T. 0.06 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion: 79 Resp: 454006

Ion	Ratio	Lower	Upper
79	100		
52	67.9	59.8	89.6
51	33.2	29.8	44.8

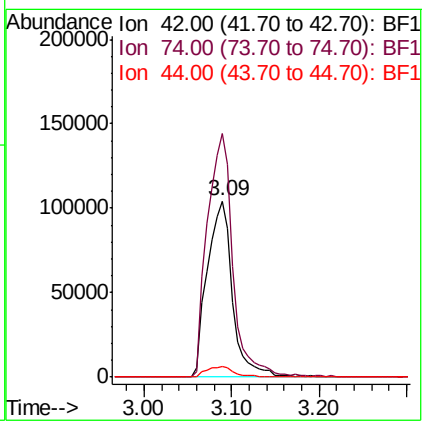


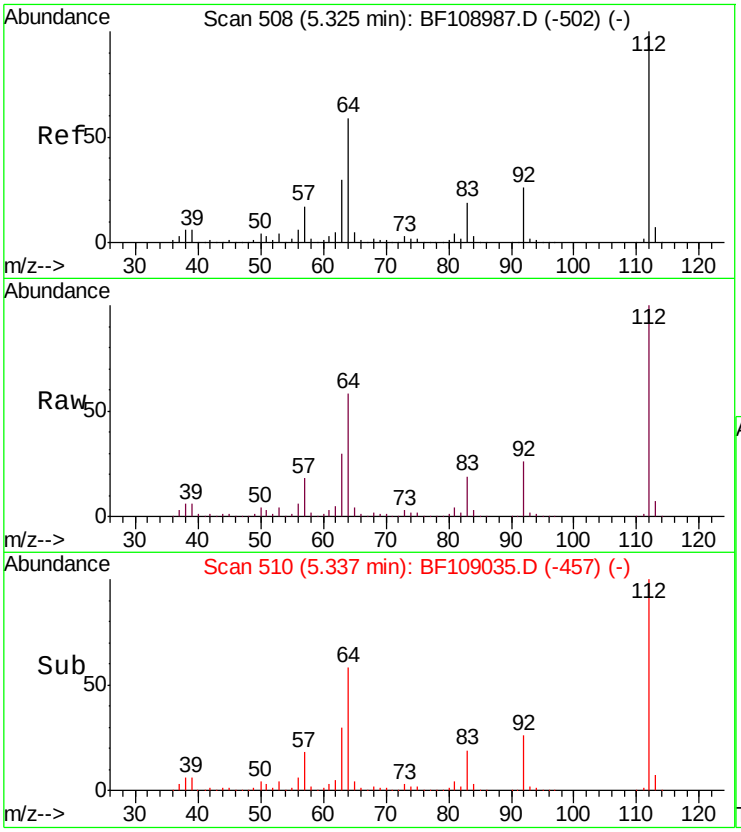


#4
n-Nitrosodimethylamine
Concen: 49.179 ng
RT: 3.09 min Scan# 128
Delta R.T. 0.06 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion: 42 Resp: 209791

Ion	Ratio	Lower	Upper
42	100		
74	138.1	104.9	157.3
44	6.4	6.9	10.3#



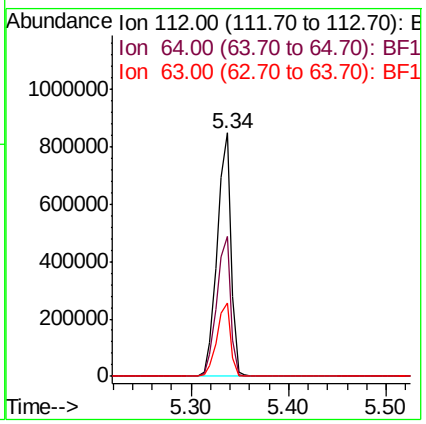


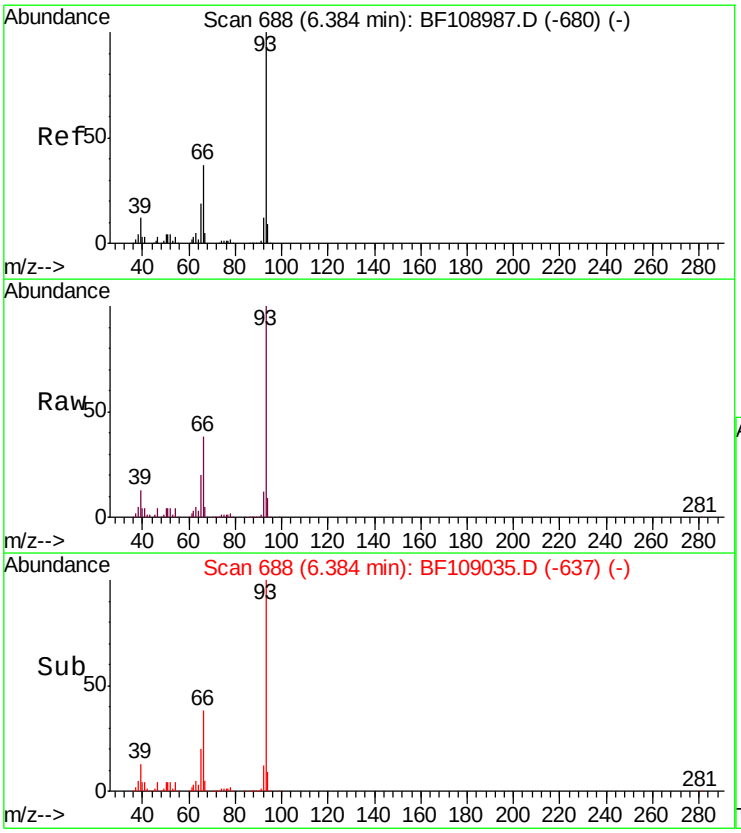
#5
2-Fluorophenol
Concen: 93.160 ng
RT: 5.34 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion:112 Resp: 833874

Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.9	71.9
63	30.0	23.7	35.5

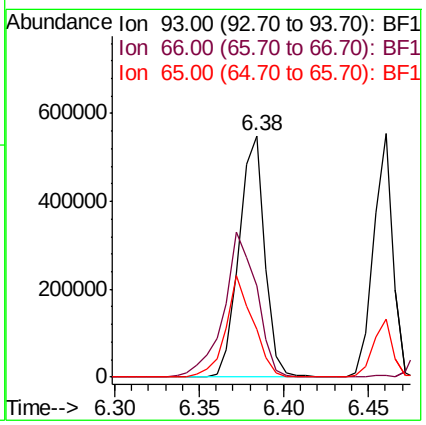


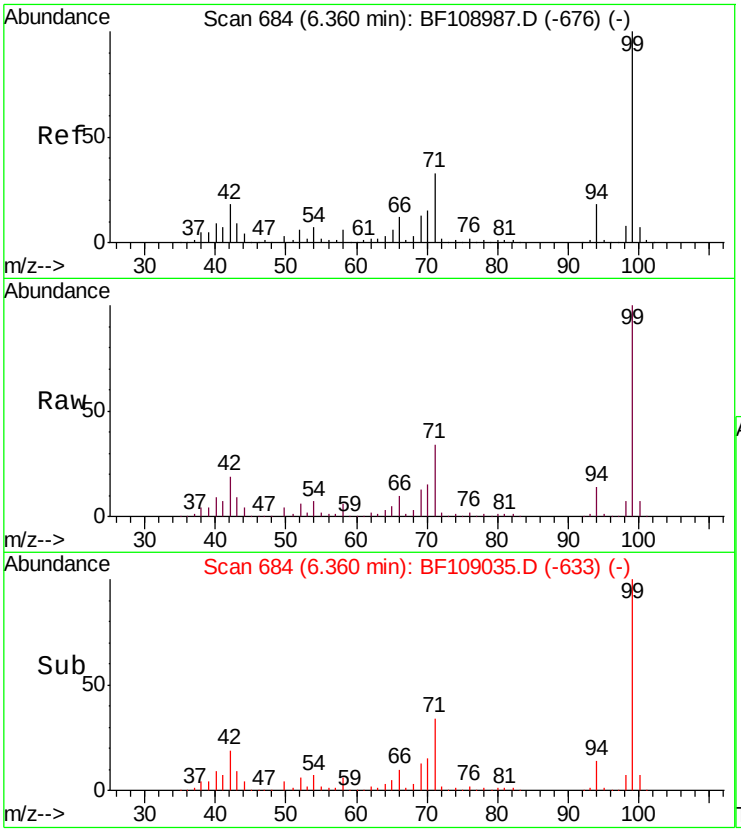


#6
Aniline
Concen: 39.154 ng
RT: 6.38 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion: 93 Resp: 584110

Ion	Ratio	Lower	Upper
93	100		
66	37.6	32.2	48.2
65	20.0	16.4	24.6



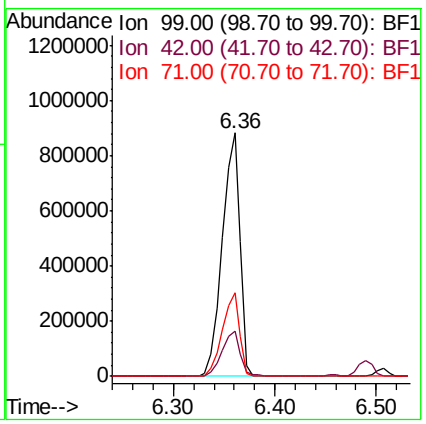


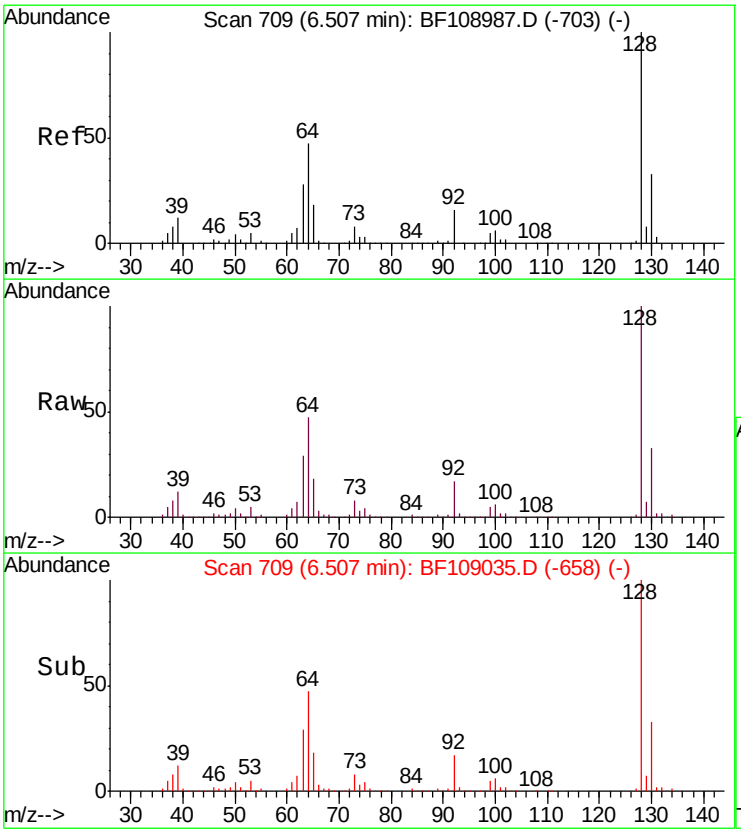
#7
Phenol-d6
Concen: 92.662 ng
RT: 6.36 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion: 99 Resp: 1069500

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	34.3	25.4	38.0

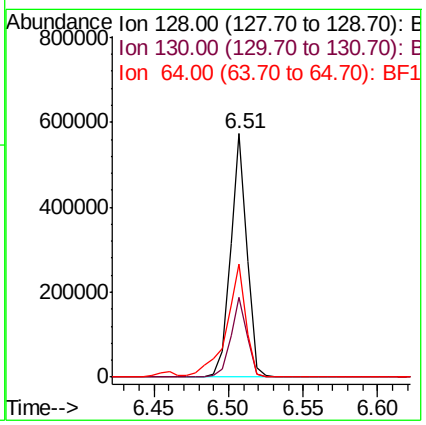


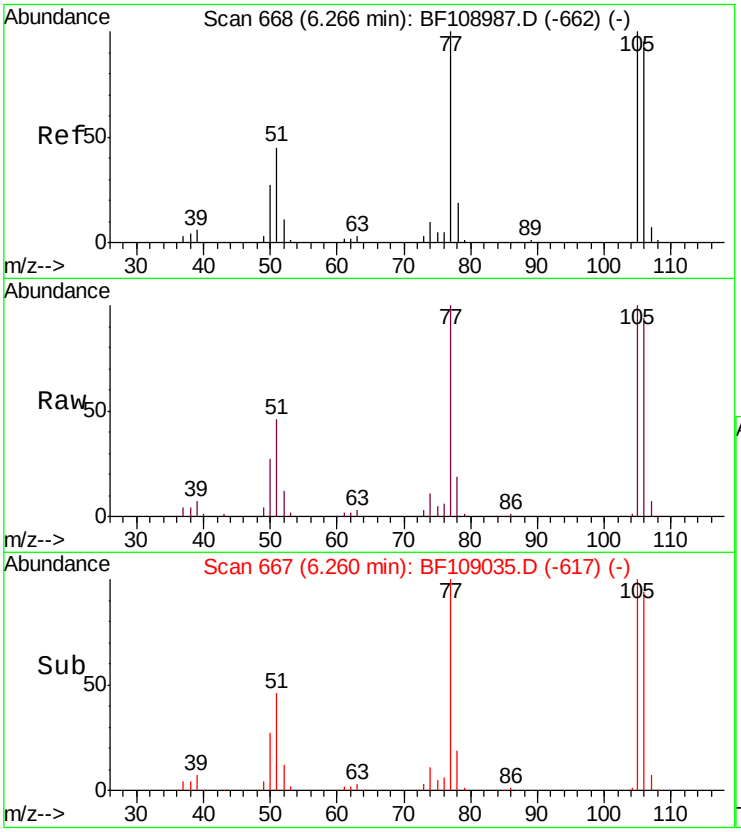


#8
2-Chlorophenol
Concen: 44.277 ng
RT: 6.51 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion:128 Resp: 443522

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.0	53.0
64	46.6	29.4	69.4



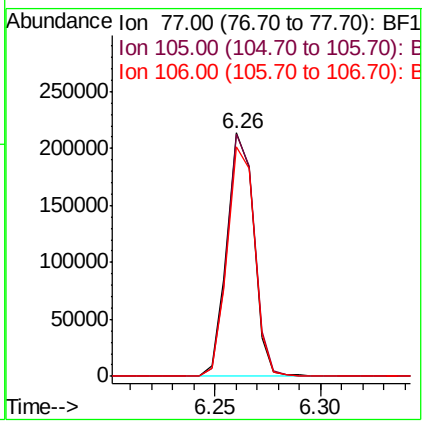


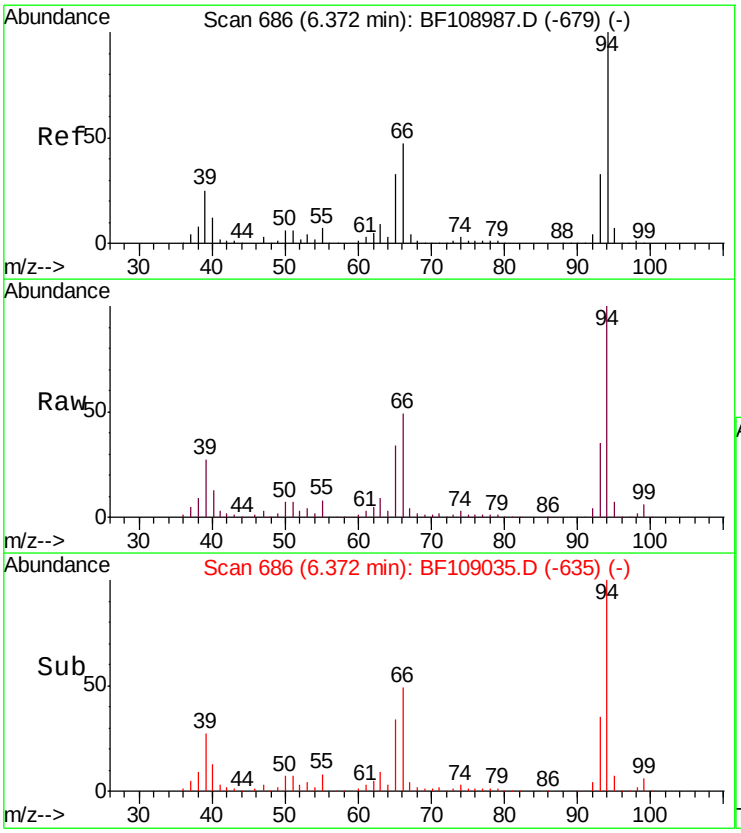
#9
Benzaldehyde
Concen: 25.476 ng
RT: 6.26 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion: 77 Resp: 187796

Ion	Ratio	Lower	Upper
77	100		
105	99.7	81.1	121.1
106	94.4	74.5	114.5

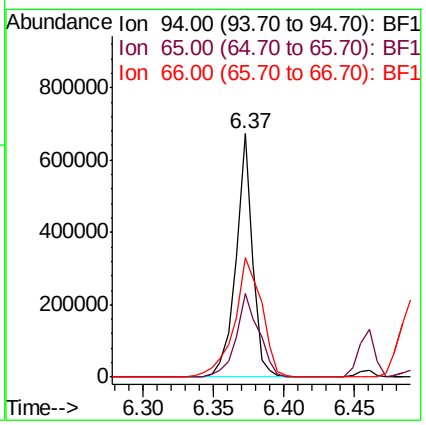


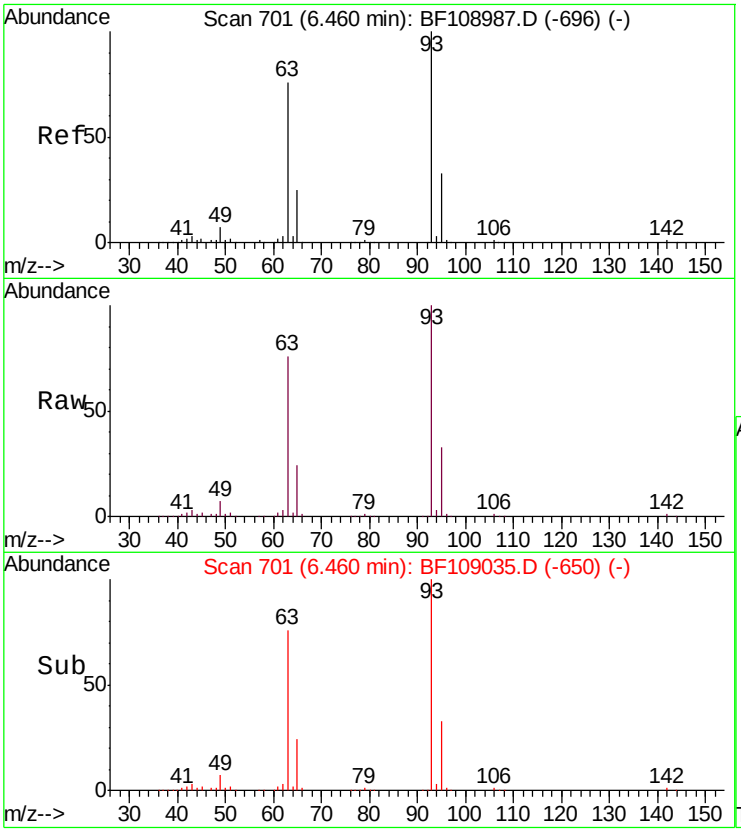


#10
Phenol
Concen: 42.530 ng
RT: 6.37 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion: 94 Resp: 552334

Ion	Ratio	Lower	Upper
94	100		
65	34.4	7.9	47.9
66	49.3	16.2	56.2



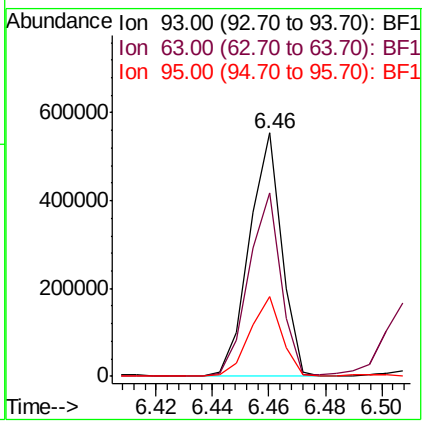


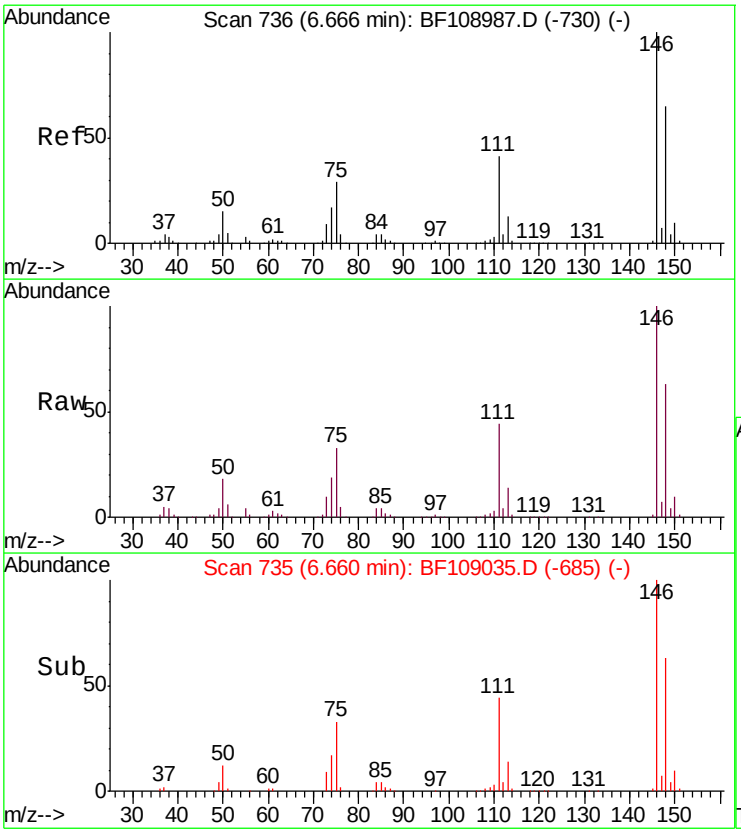
#11
bis(2-Chloroethyl)ether
Concen: 42.738 ng
RT: 6.46 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion: 93 Resp: 436650

Ion	Ratio	Lower	Upper
93	100		
63	75.6	58.6	98.6
95	32.8	11.8	51.8

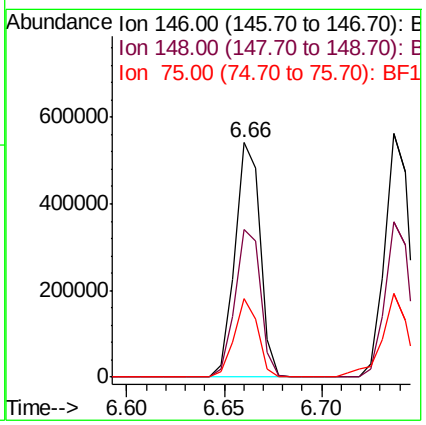


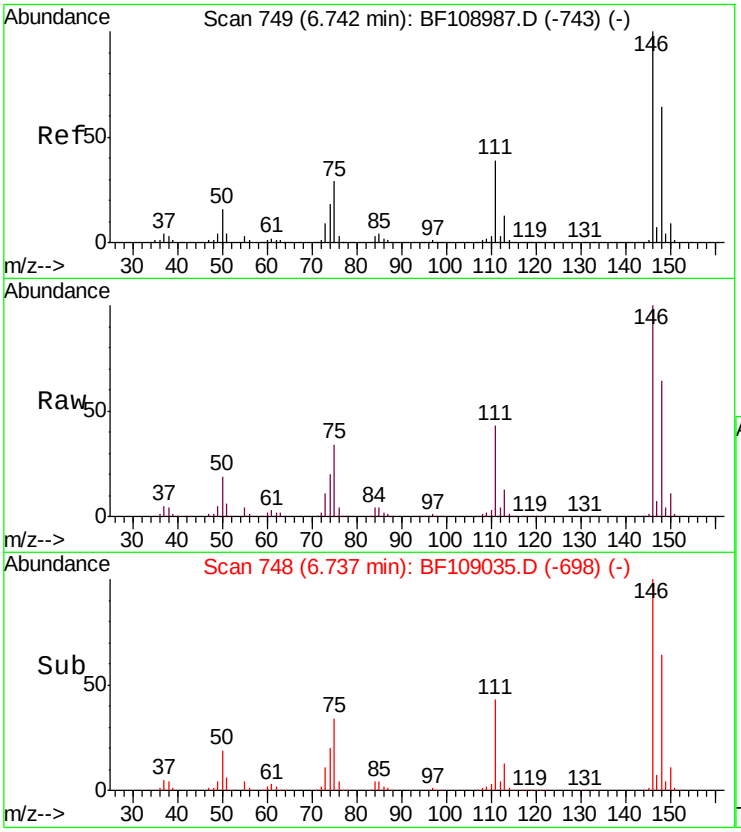


#12
1,3-Dichlorobenzene
Concen: 42.166 ng
RT: 6.66 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion:146 Resp: 483031

Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.8	77.8
75	33.3	24.2	36.4



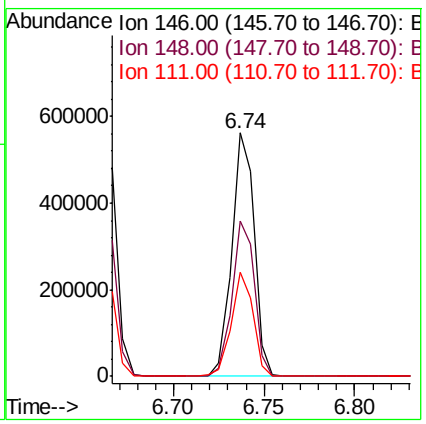


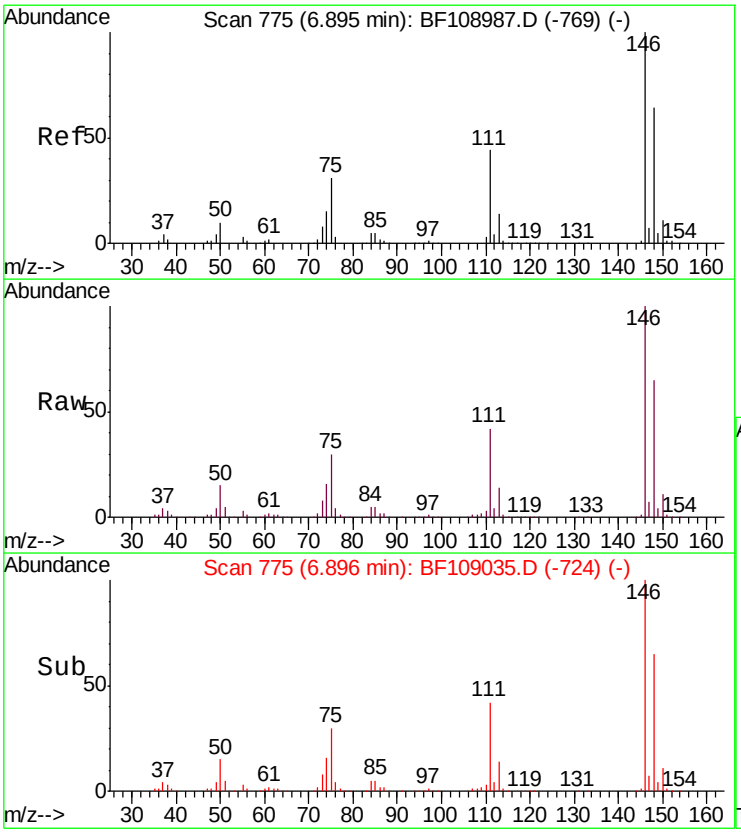
#13
1,4-Dichlorobenzene
Concen: 42.159 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion:146 Resp: 484512

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.8	76.2
111	42.8	34.2	51.2

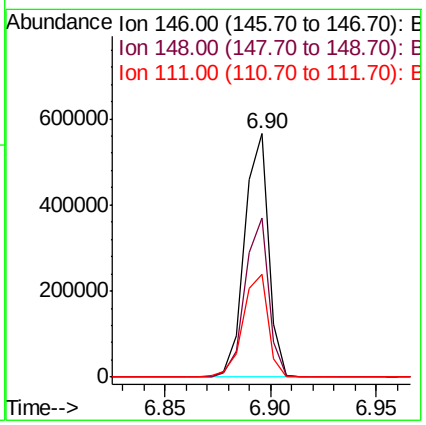


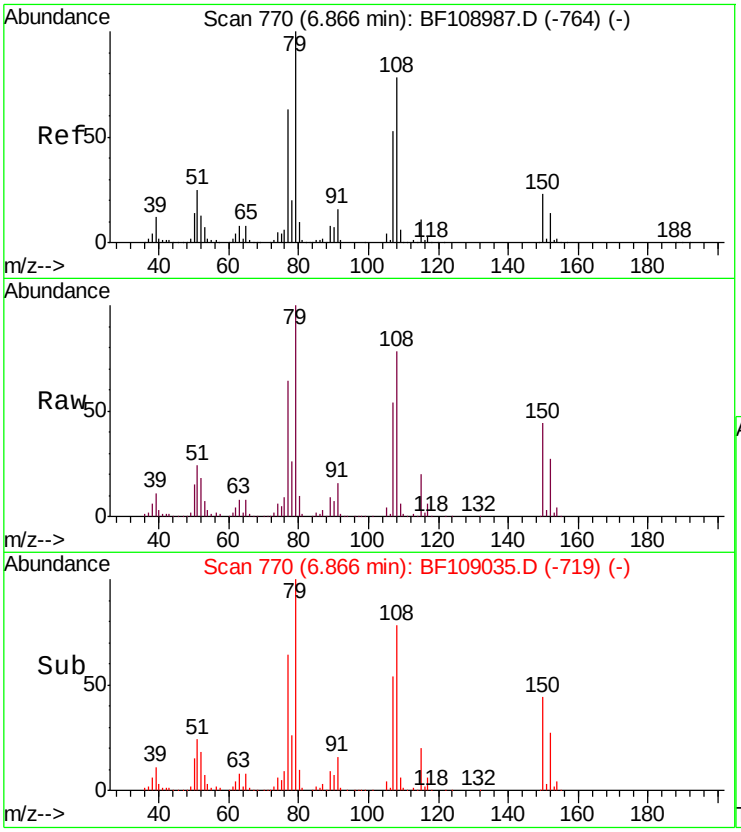


#14
1,2-Dichlorobenzene
Concen: 41.780 ng
RT: 6.90 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion:146 Resp: 445139

Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.6	75.8
111	42.3	36.0	54.0



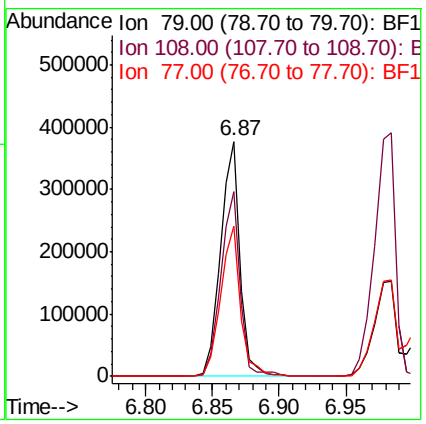


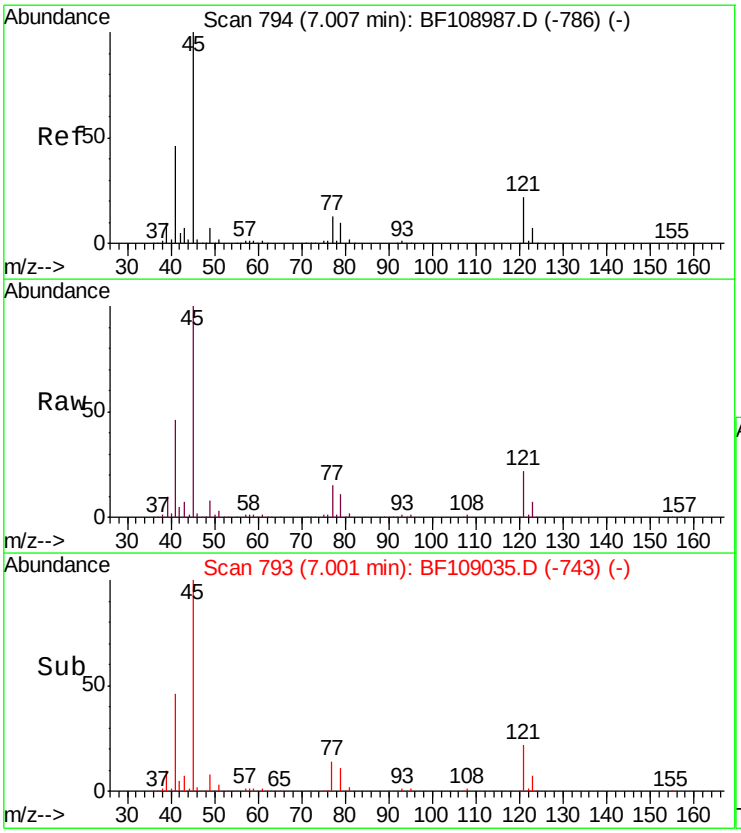
#15
Benzyl Alcohol
Concen: 44.447 ng
RT: 6.87 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion: 79 Resp: 389465

Ion	Ratio	Lower	Upper
79	100		
108	78.5	65.1	97.7
77	63.7	50.6	75.8

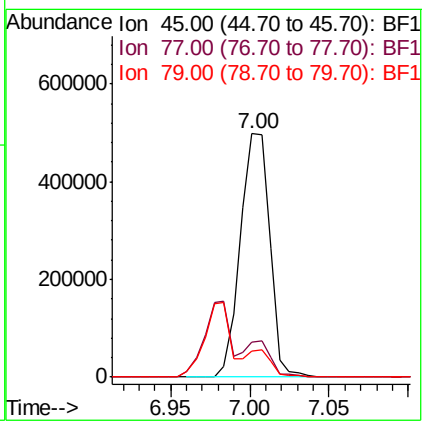


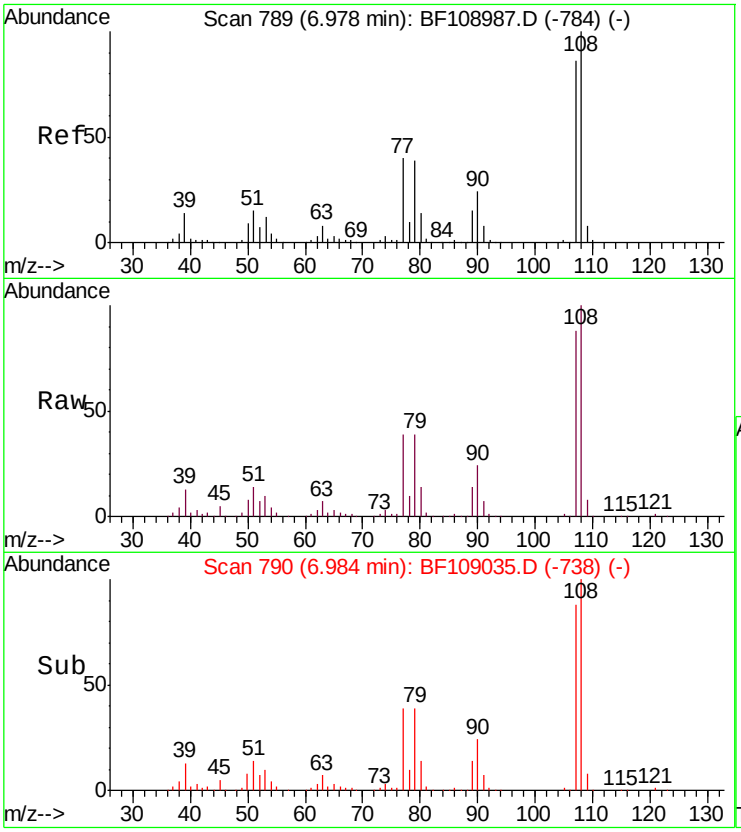


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.691 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion: 45 Resp: 639592

Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	32.9
79	10.9	0.0	29.6



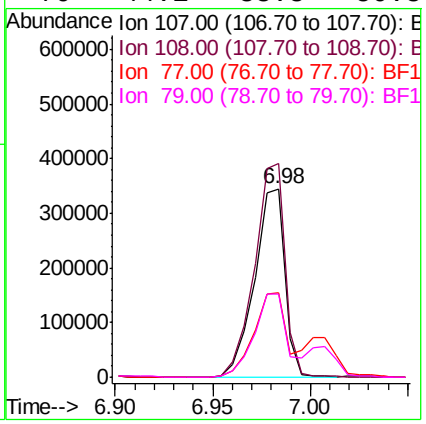


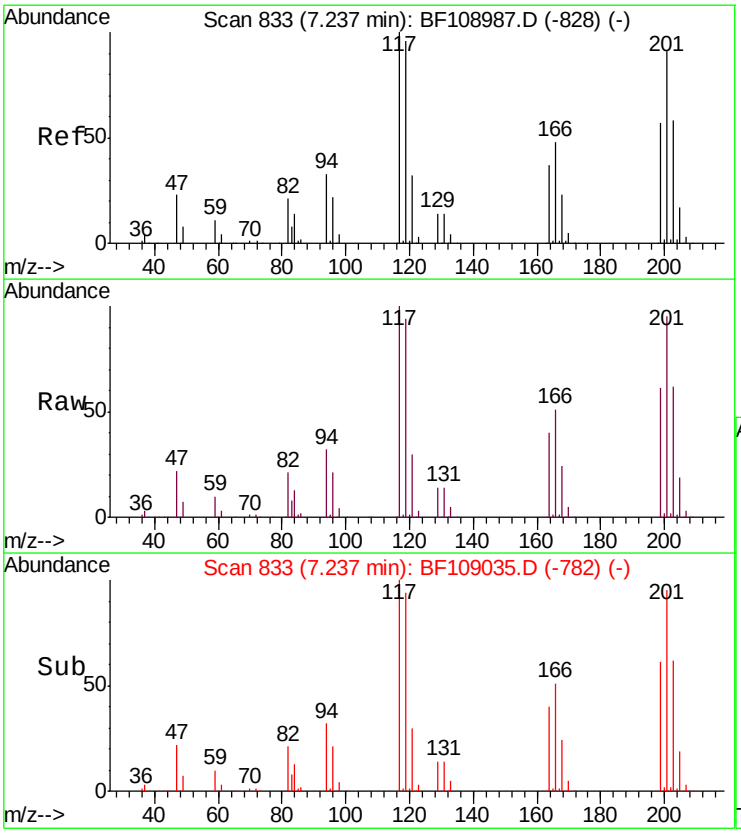
#17
2-Methylphenol
Concen: 45.478 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion:107 Resp: 371664

Ion	Ratio	Lower	Upper
107	100		
108	113.4	91.7	137.5
77	44.8	33.8	50.8
79	44.1	33.8	50.8

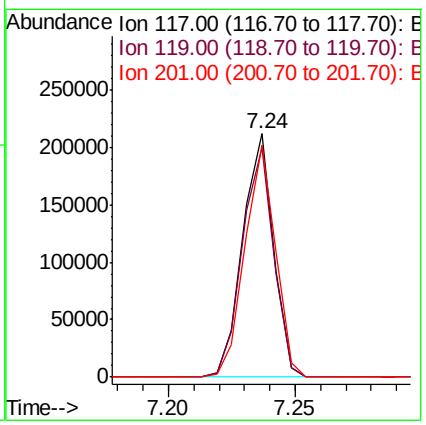


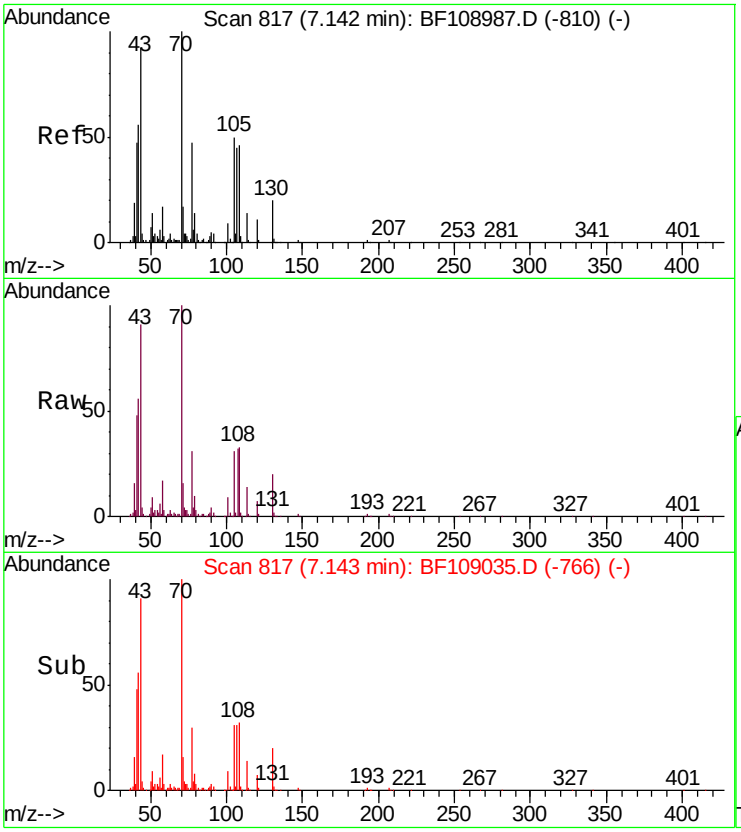


#18
Hexachloroethane
Concen: 42.875 ng
RT: 7.24 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion:117 Resp: 178957

Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.8	113.8
201	95.3	75.7	113.5



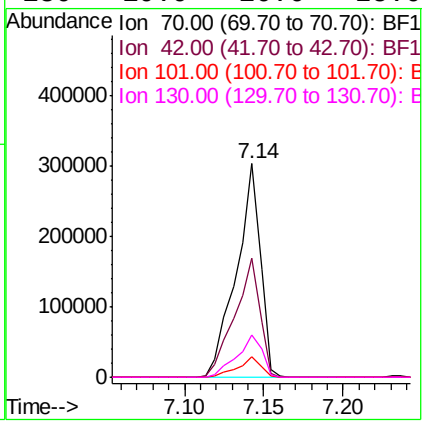


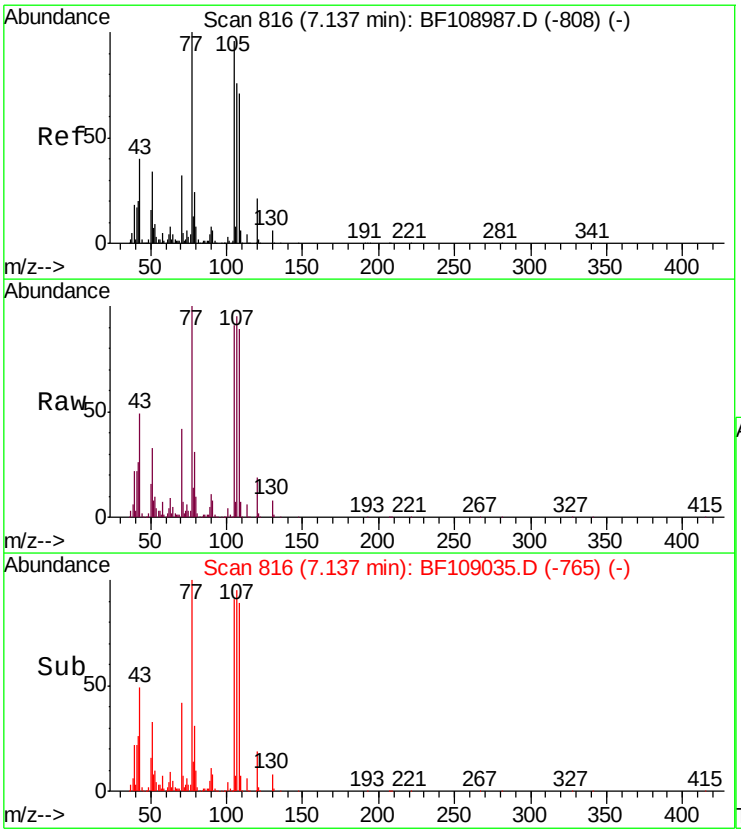
#19
n-Nitroso-di-n-propylamine
Concen: 41.717 ng
RT: 7.14 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion: 70 Resp: 318264

Ion	Ratio	Lower	Upper
70	100		
42	55.8	47.5	71.3
101	9.4	7.4	11.2
130	19.9	16.6	25.0

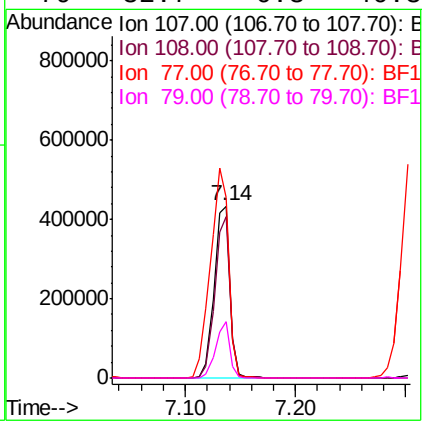


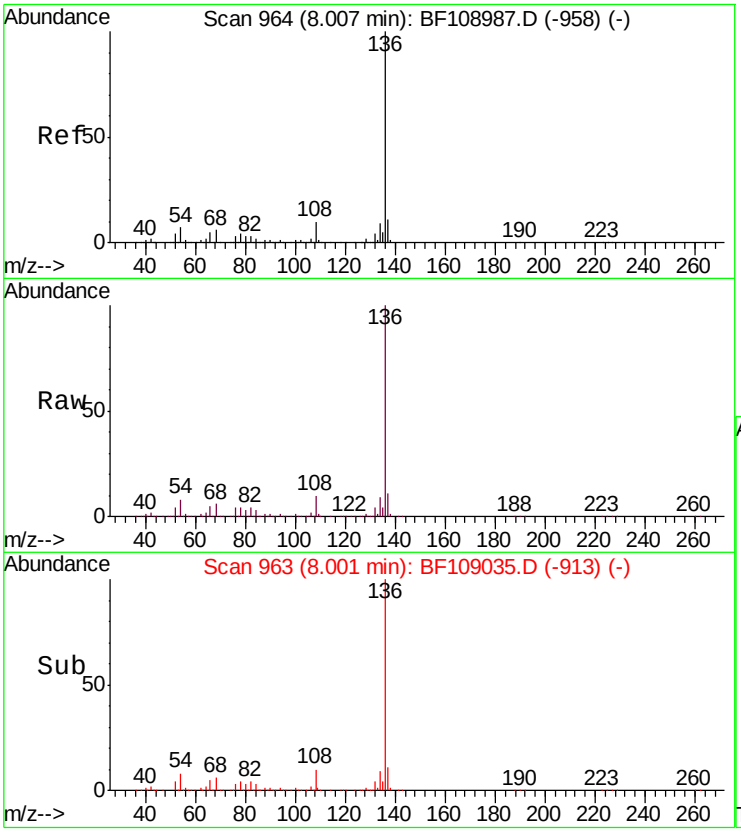


#20
3+4-Methylphenols
Concen: 43.356 ng
RT: 7.14 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion:107 Resp: 426737

Ion	Ratio	Lower	Upper
107	100		
108	93.7	68.2	108.2
77	104.8	26.7	66.7#
79	32.7	6.3	46.3



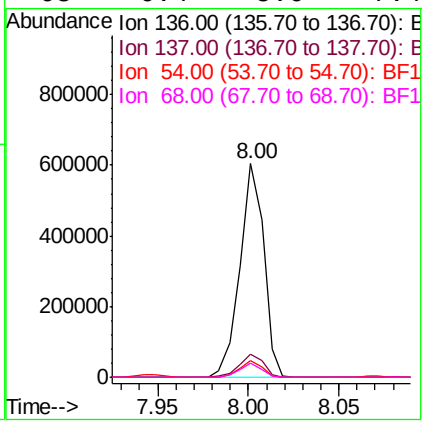


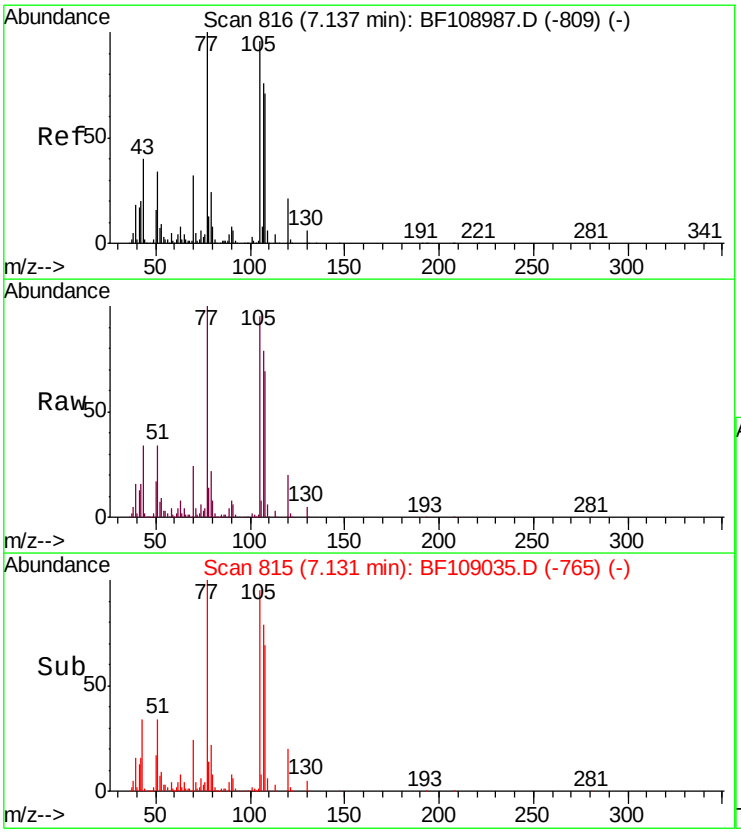
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion:136 Resp: 552132

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.6	6.6	9.8
68	6.4	5.0	7.4

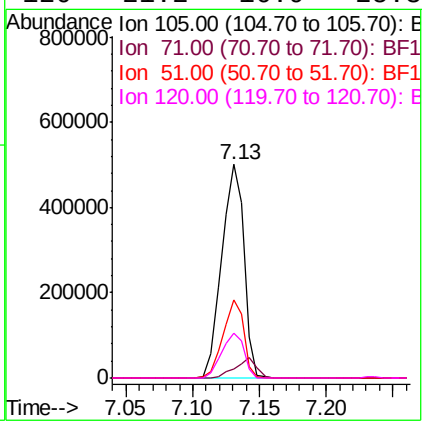


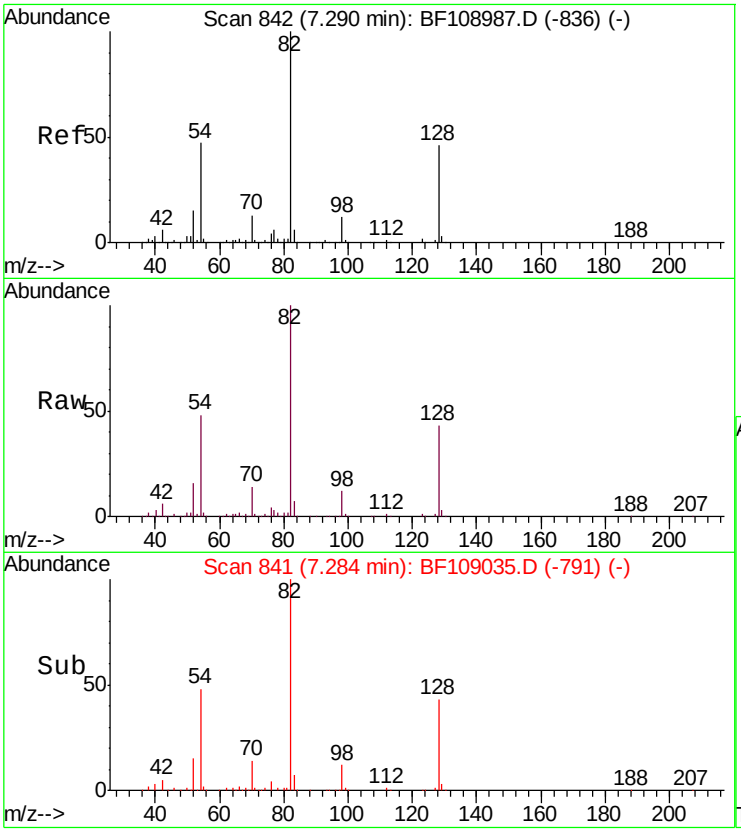


#22
Acetophenone
Concen: 47.215 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion:105 Resp: 592019

Ion	Ratio	Lower	Upper
105	100		
71	4.5	4.4	6.6
51	36.4	22.3	33.5#
120	21.2	16.9	25.3



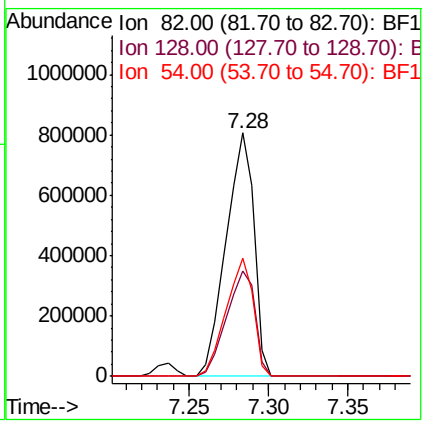


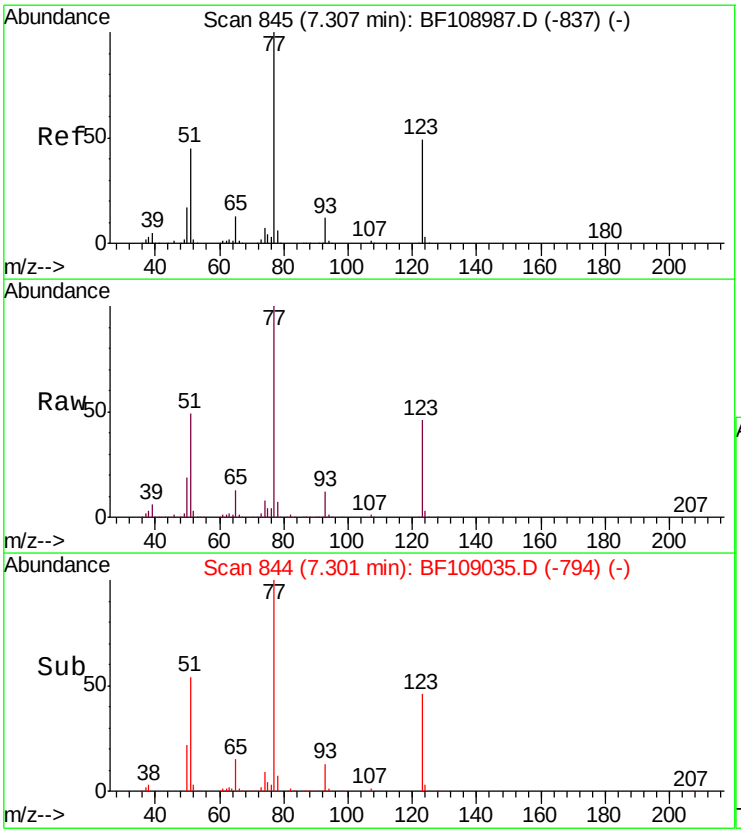
#23
Nitrobenzene-d5
Concen: 99.779 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion: 82 Resp: 982224

Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	48.3	41.4	62.2

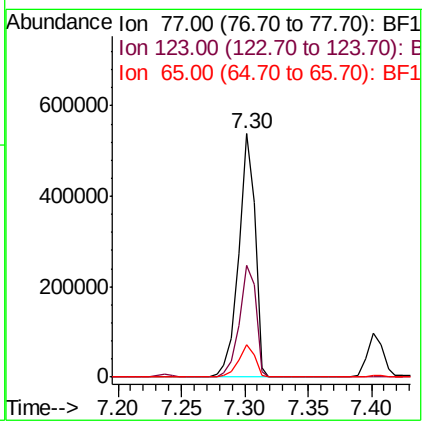


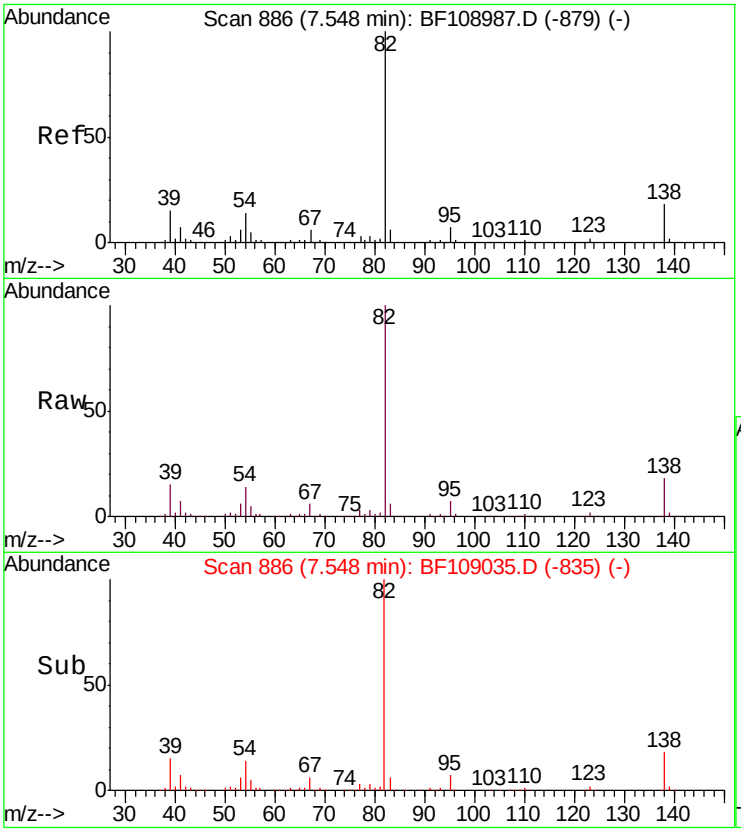


#24
Nitrobenzene
Concen: 46.837 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion: 77 Resp: 475369

Ion	Ratio	Lower	Upper
77	100		
123	45.8	37.9	56.9
65	13.3	11.0	16.4



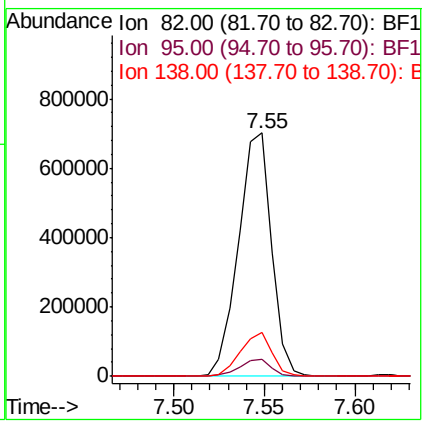


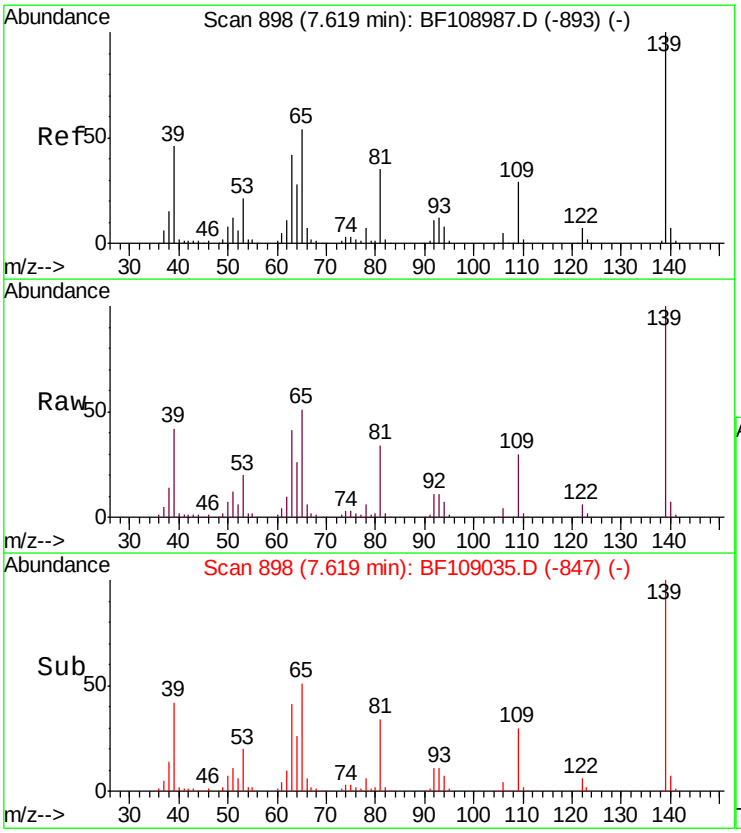
#25
Isophorone
Concen: 52.597 ng
RT: 7.55 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion: 82 Resp: 890017

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.2	7.8
138	17.8	14.9	22.3

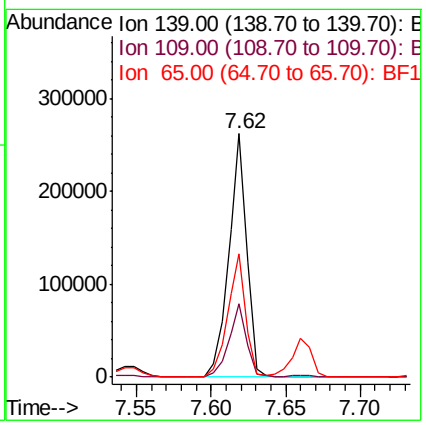


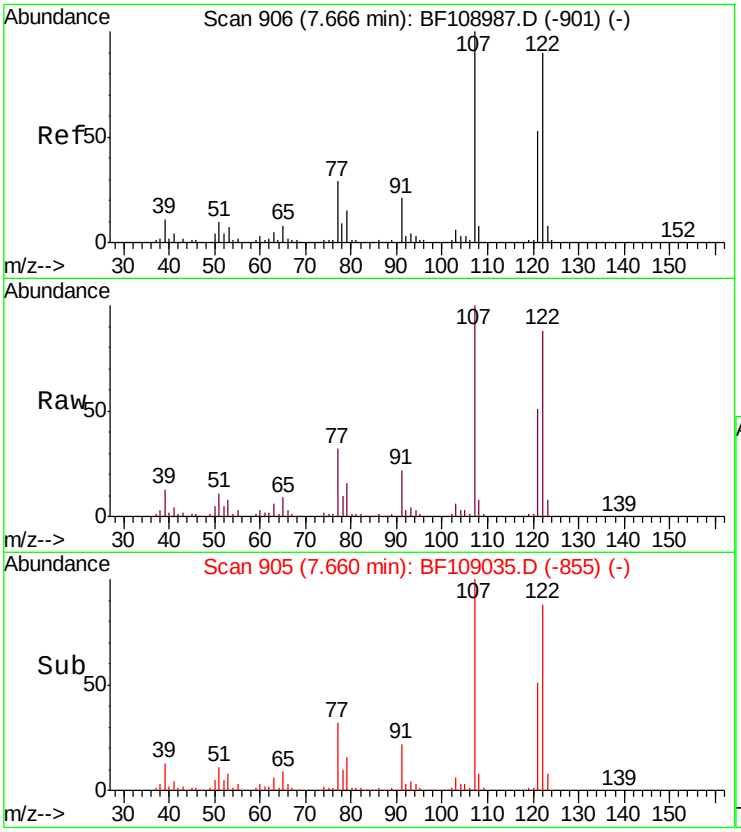


#26
2-Nitrophenol
Concen: 47.104 ng
RT: 7.62 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion:139 Resp: 223232

Ion	Ratio	Lower	Upper
139	100		
109	30.0	22.7	34.1
65	50.6	40.5	60.7



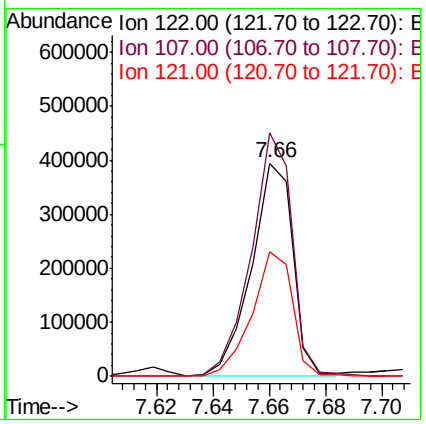


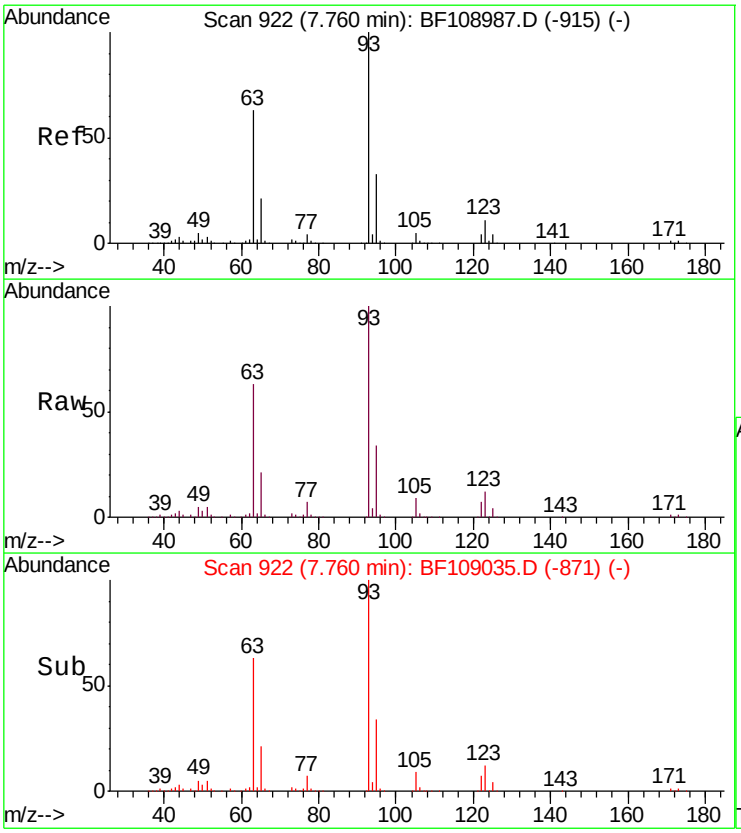
#27
2,4-Dimethylphenol
Concen: 54.123 ng
RT: 7.66 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion:122 Resp: 402350

Ion	Ratio	Lower	Upper
122	100		
107	114.2	91.2	136.8
121	58.5	47.2	70.8

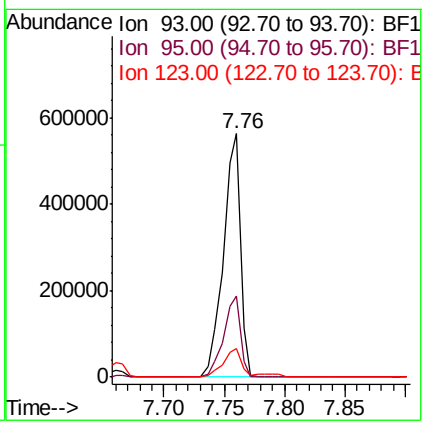


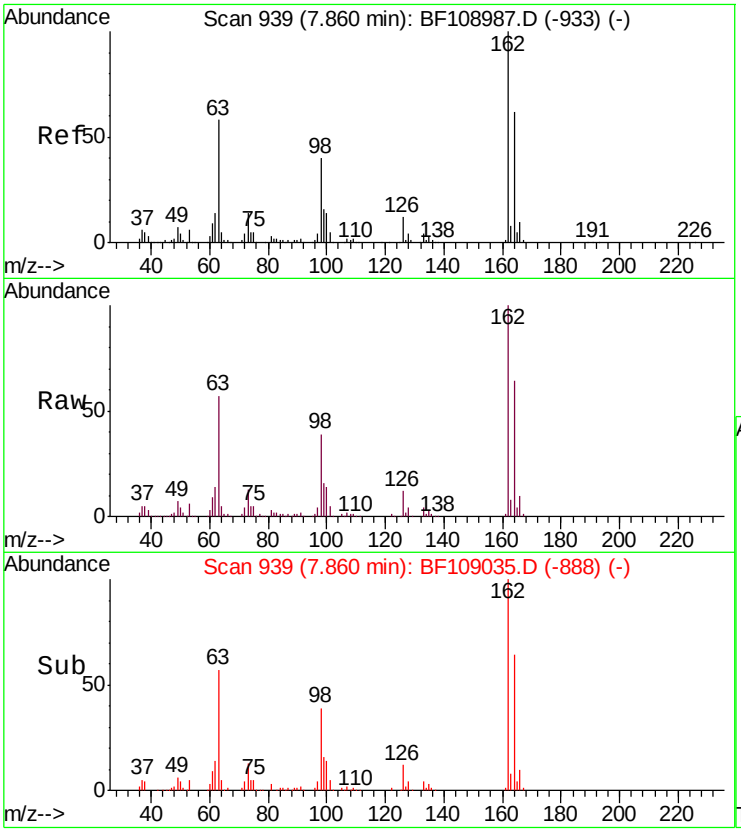


#28
bis(2-Chloroethoxy)methane
Concen: 48.499 ng
RT: 7.76 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion: 93 Resp: 552262

Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.3	39.5
123	11.8	9.8	14.6



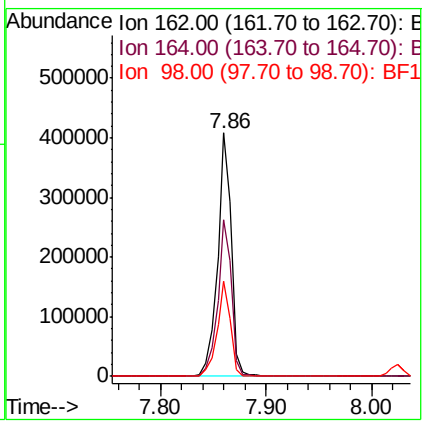


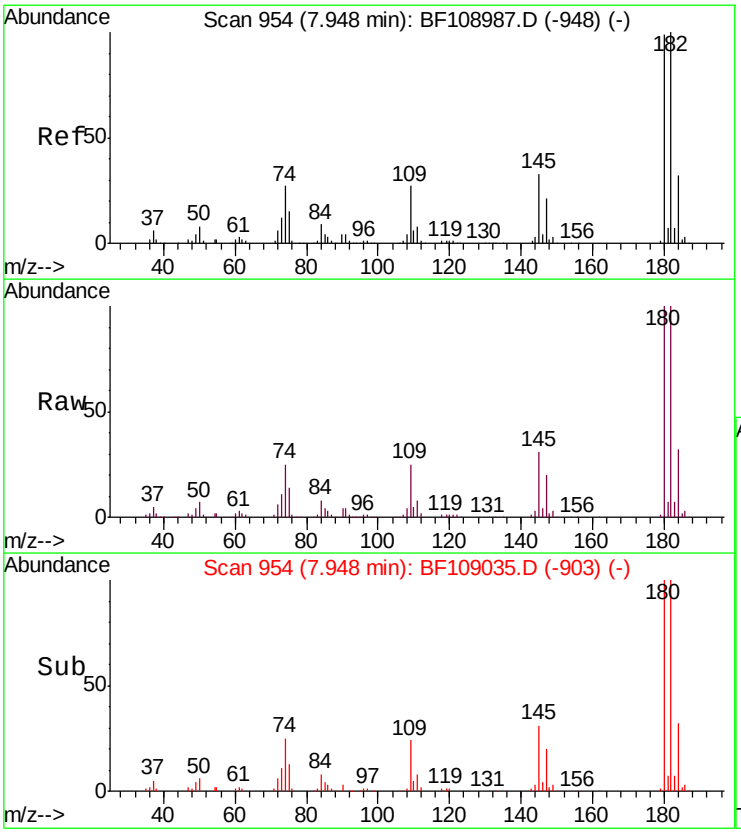
#29
2,4-Dichlorophenol
Concen: 47.301 ng
RT: 7.86 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion:162 Resp: 374713

Ion	Ratio	Lower	Upper
162	100		
164	64.2	42.7	82.7
98	38.9	18.1	58.1

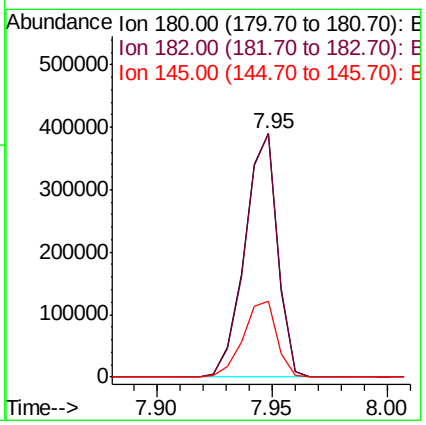


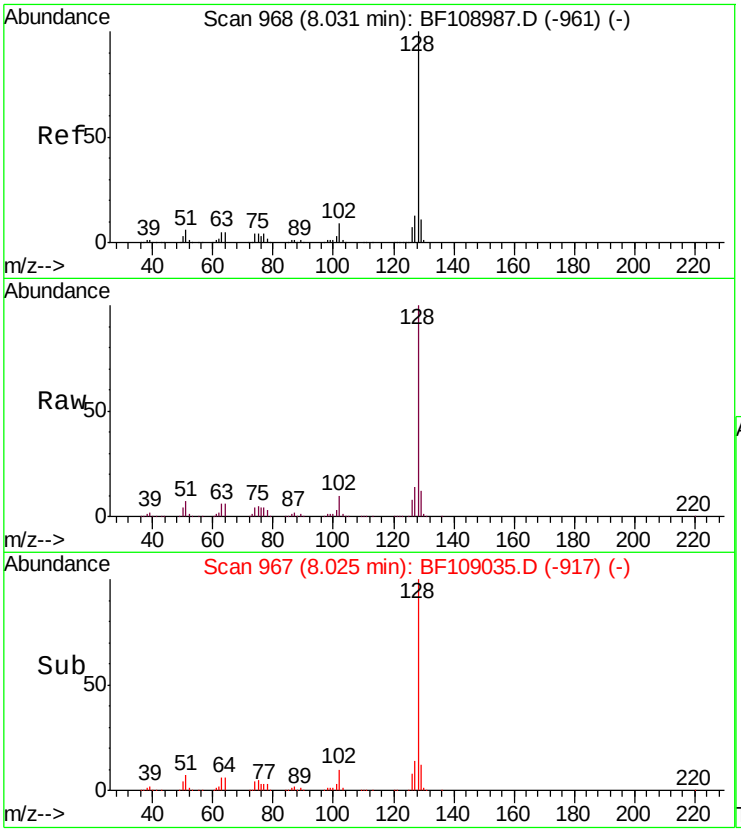


#30
1,2,4-Trichlorobenzene
Concen: 45.201 ng
RT: 7.95 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion:180 Resp: 387070

Ion	Ratio	Lower	Upper
180	100		
182	100.0	76.8	115.2
145	31.2	26.5	39.7



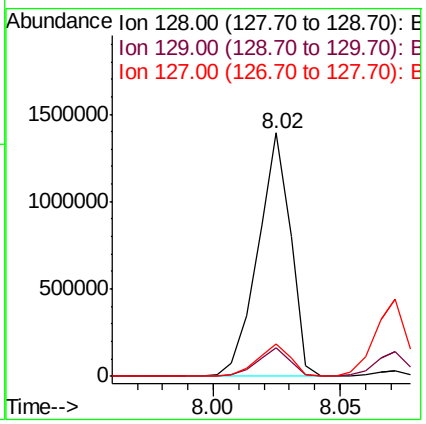


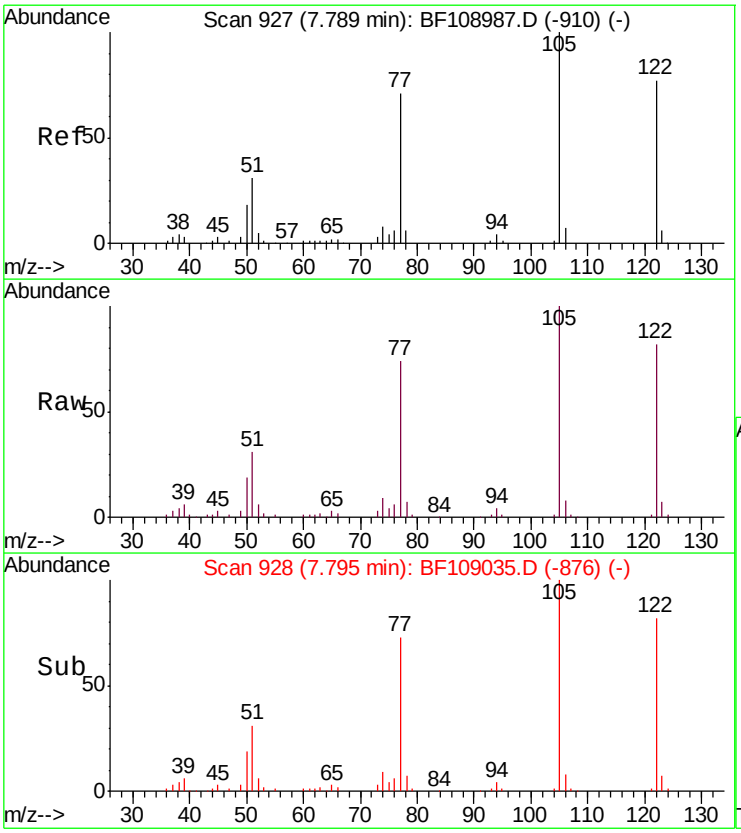
#31
Naphthalene
Concen: 48.834 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion:128 Resp: 1251451

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	13.5	10.9	16.3

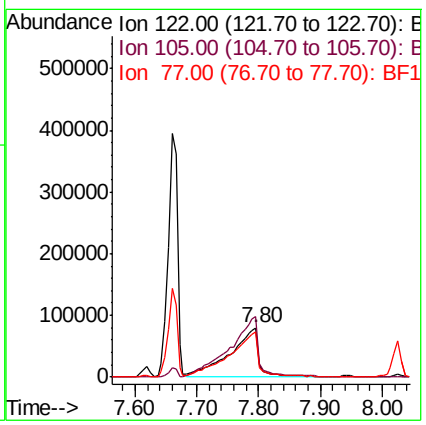


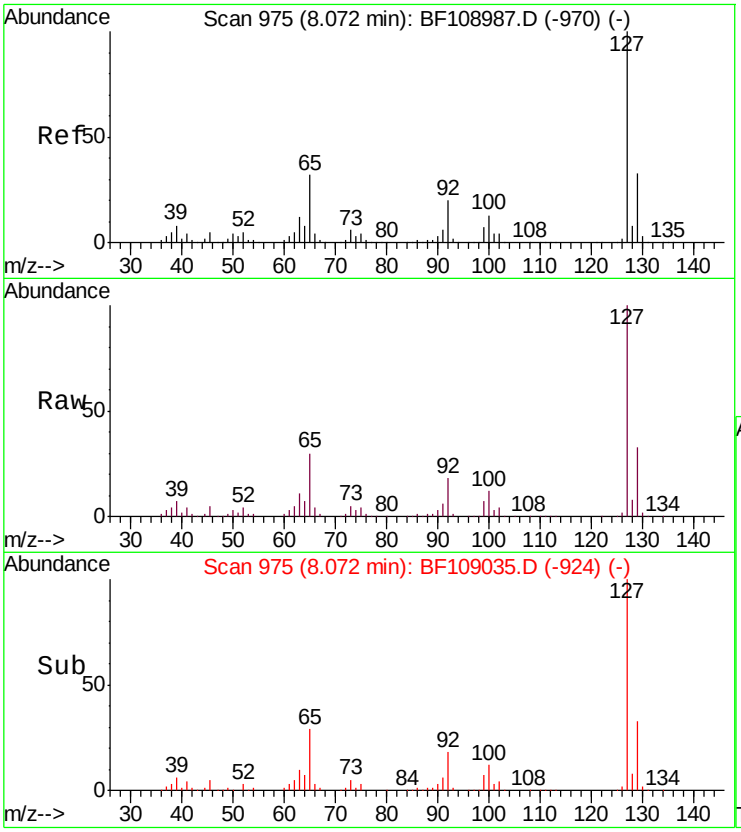


#32
Benzoic acid
Concen: 54.124 ng
RT: 7.80 min Scan# 928
Delta R.T. 0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion:122 Resp: 262906

Ion	Ratio	Lower	Upper
122	100		
105	121.8	101.1	141.1
77	90.0	70.7	110.7



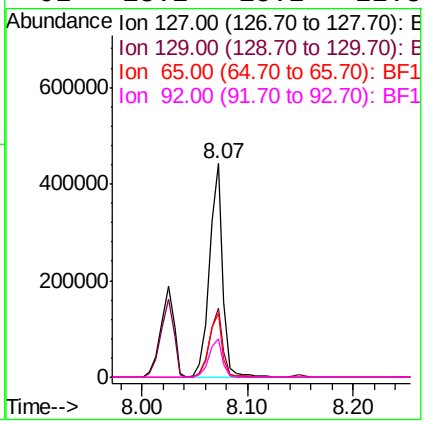


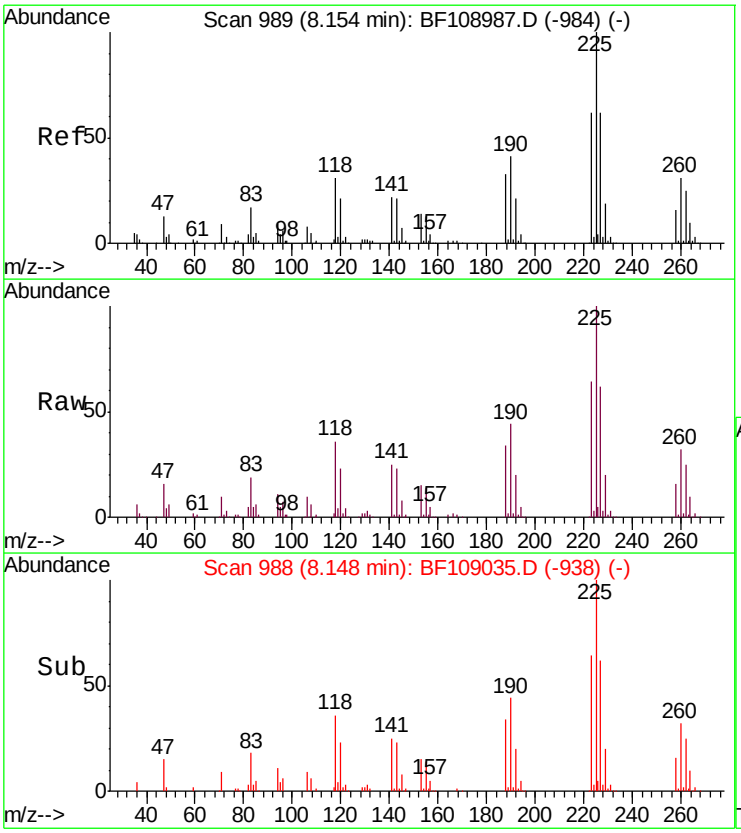
#33
4-Chloroaniline
Concen: 34.306 ng
RT: 8.07 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion:127 Resp: 390893

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	30.0	25.0	37.4
92	18.2	15.2	22.8

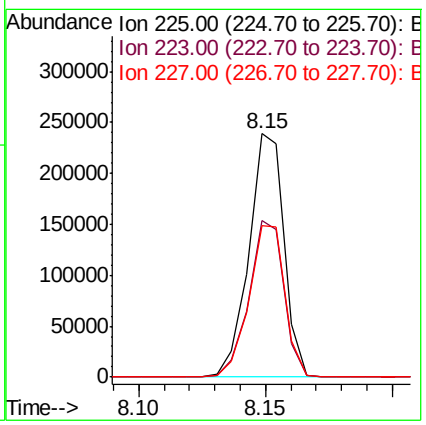


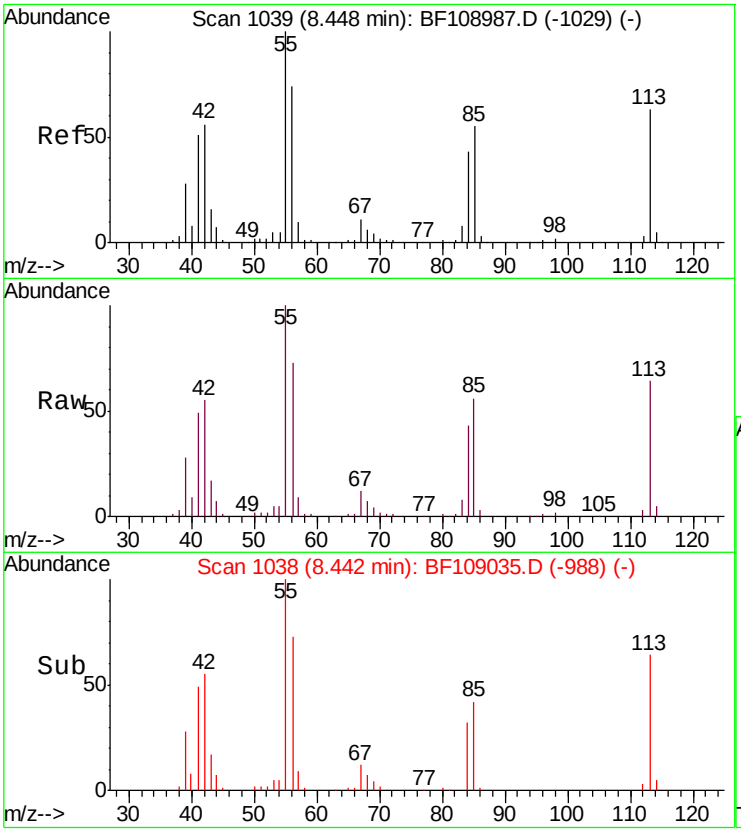


#34
Hexachlorobutadiene
Concen: 44.043 ng
RT: 8.15 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion:225 Resp: 230253

Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.6	76.0
227	62.1	51.9	77.9



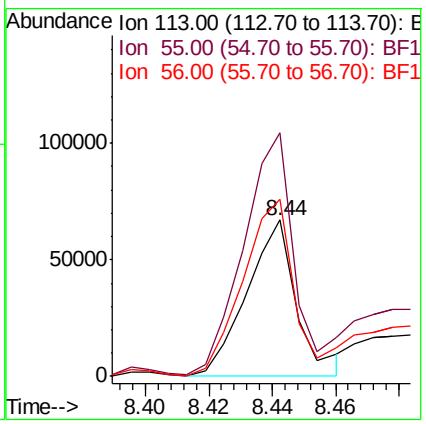


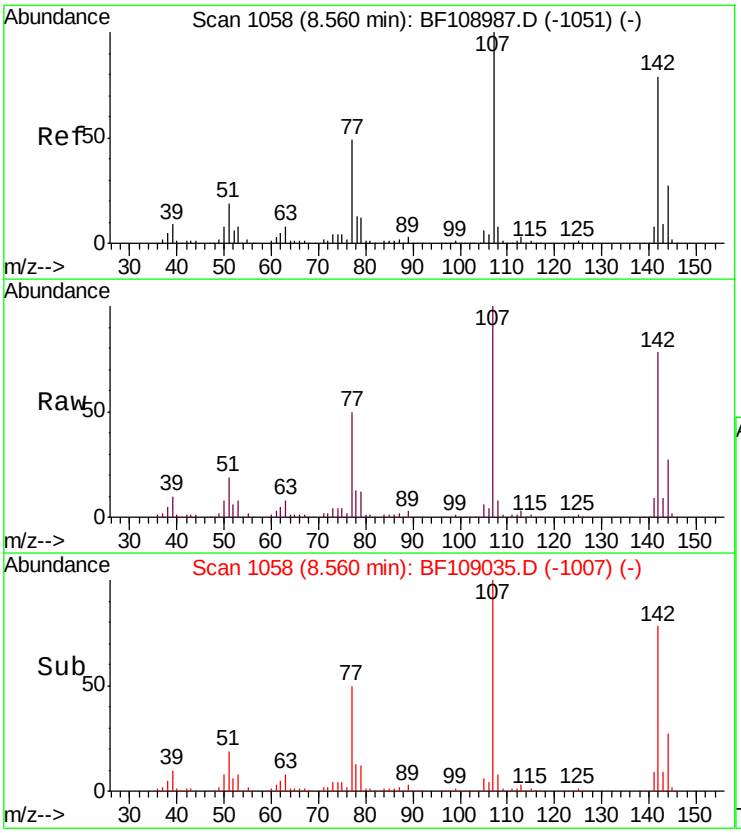
#35
Caprolactam
Concen: 28.332 ng
RT: 8.44 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion:113 Resp: 73175

Ion	Ratio	Lower	Upper
113	100		
55	155.9	163.3	203.3#
56	113.2	115.7	155.7#

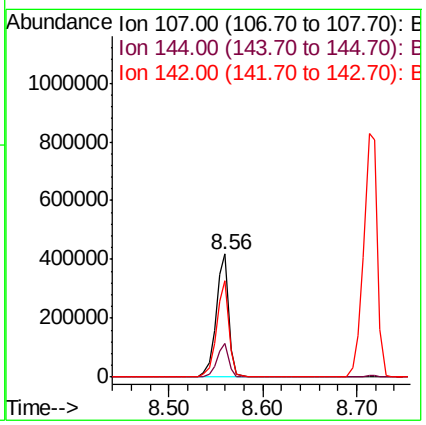


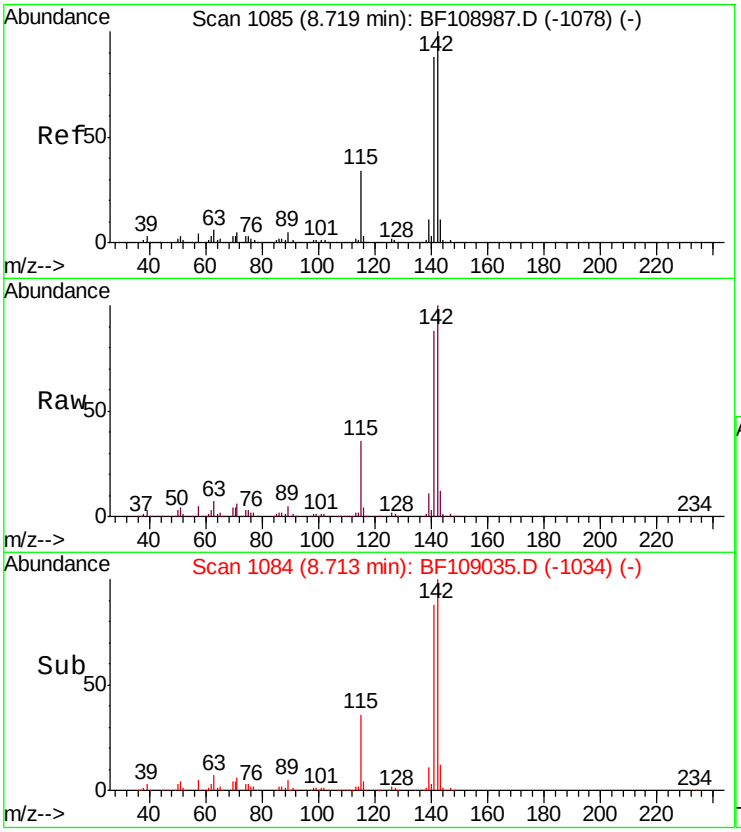


#36
4-Chloro-3-methylphenol
Concen: 46.912 ng
RT: 8.56 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion:107 Resp: 391220

Ion	Ratio	Lower	Upper
107	100		
144	27.1	20.5	30.7
142	78.3	62.0	93.0



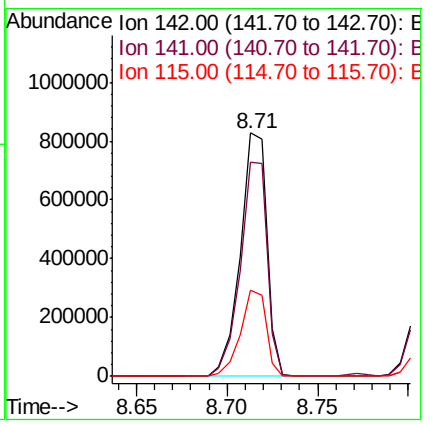


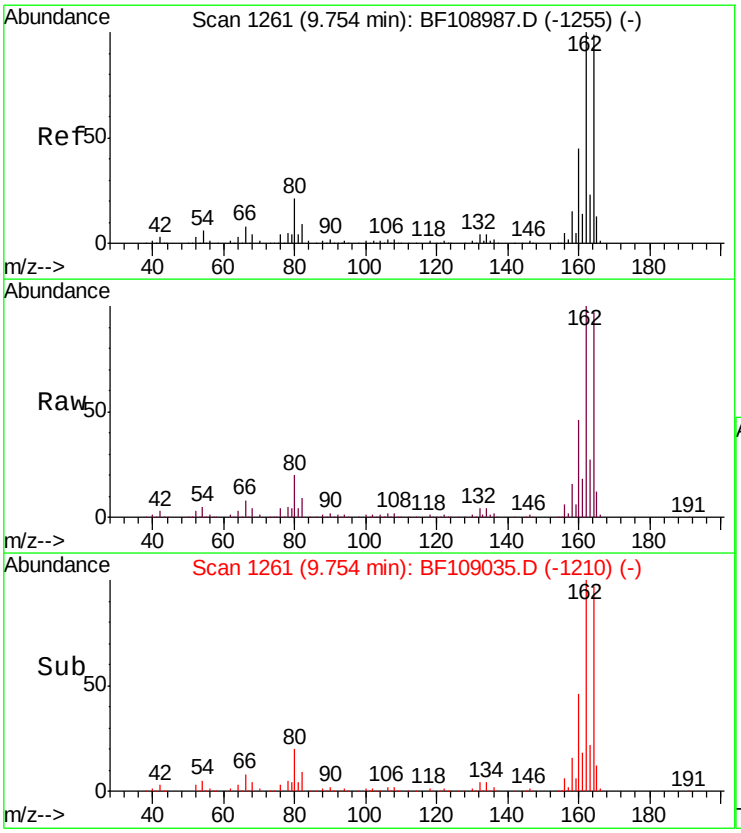
#37
2-Methylnaphthalene
Concen: 50.388 ng
RT: 8.71 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion:142 Resp: 841737

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.8	106.2
115	35.6	26.1	39.1

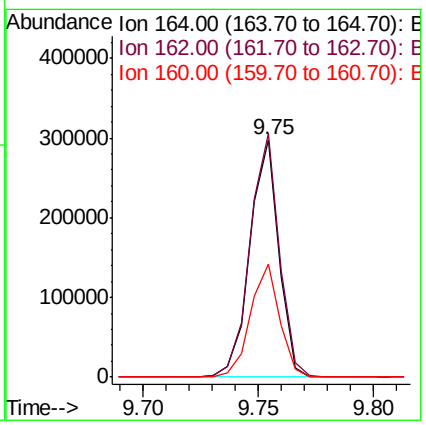


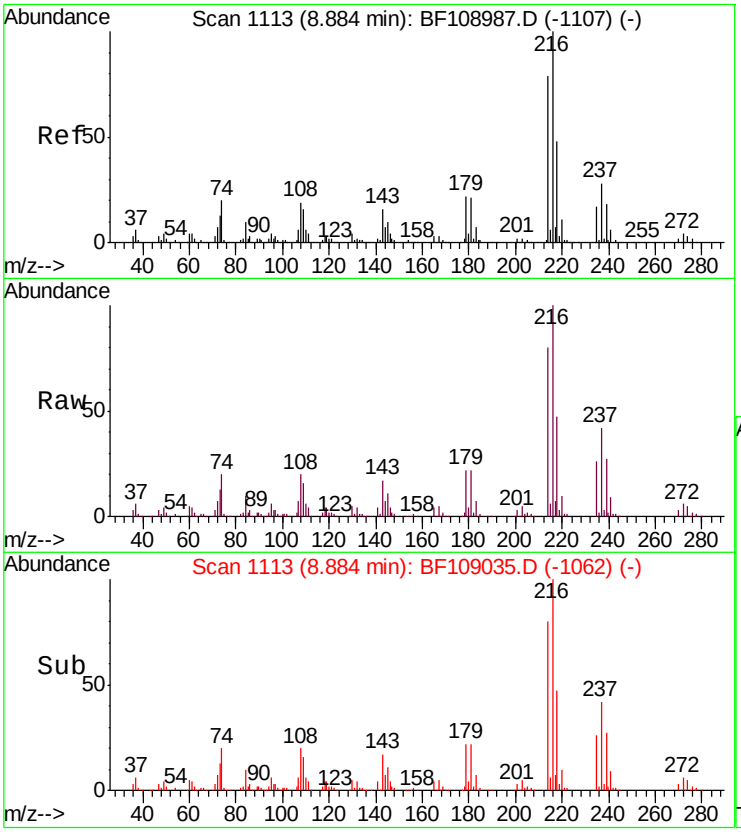


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion:164 Resp: 259971

Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	47.5	38.3	57.5



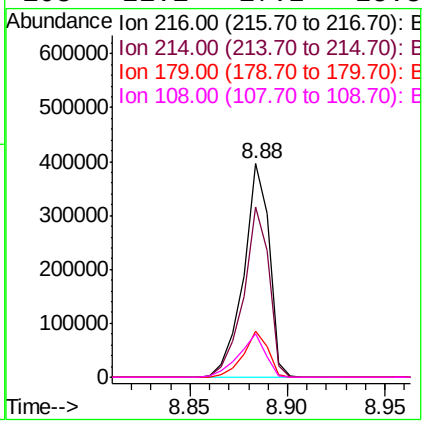


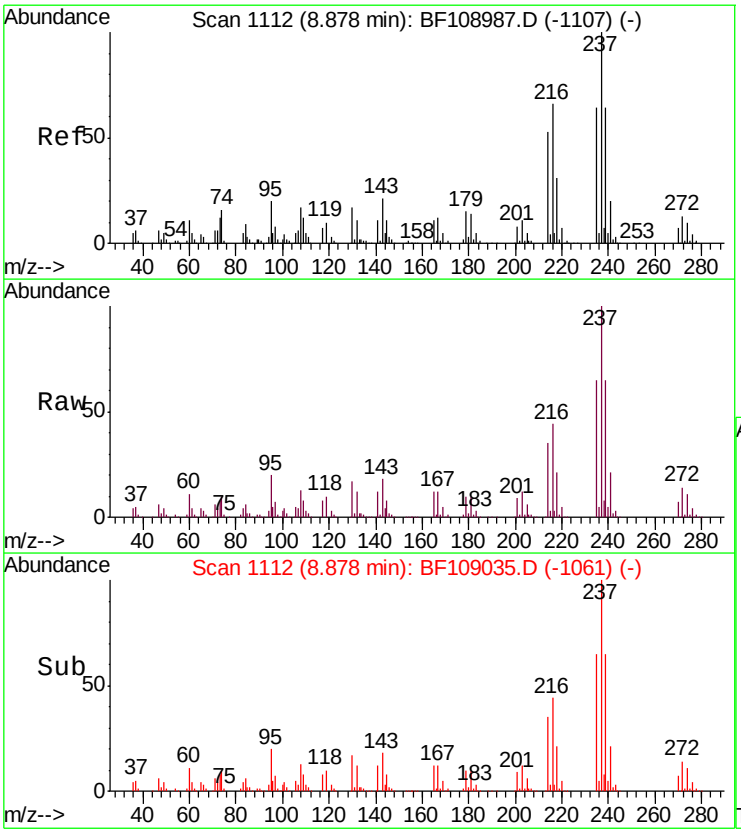
#39
1,2,4,5-Tetrachlorobenzene
Concen: 44.260 ng
RT: 8.88 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion:216 Resp: 362151

Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	20.8	18.1	27.1
108	21.1	17.2	25.8

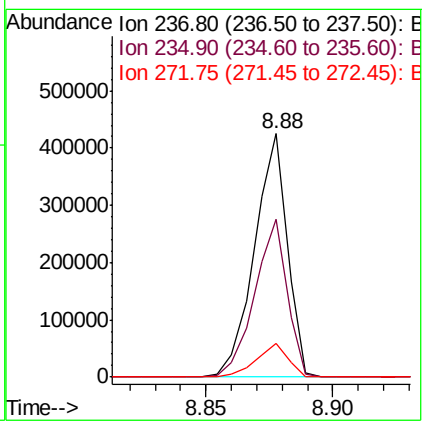


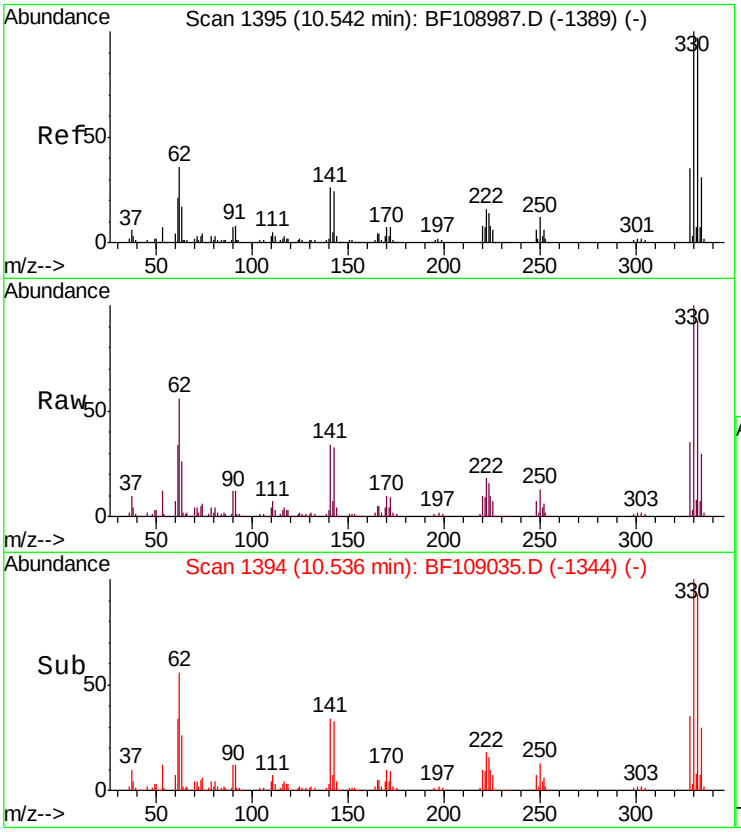


#40
Hexachlorocyclopentadiene
Concen: 93.364 ng
RT: 8.88 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion:237 Resp: 384900

Ion	Ratio	Lower	Upper
237	100		
235	64.7	44.8	84.8
272	13.8	0.0	33.3



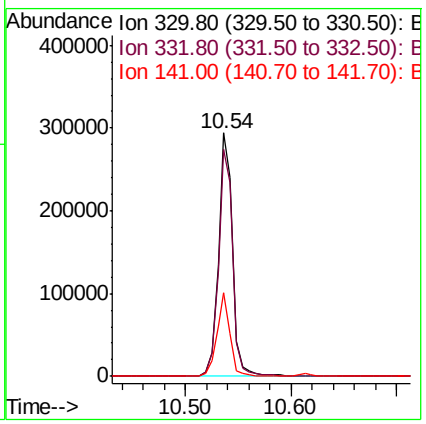


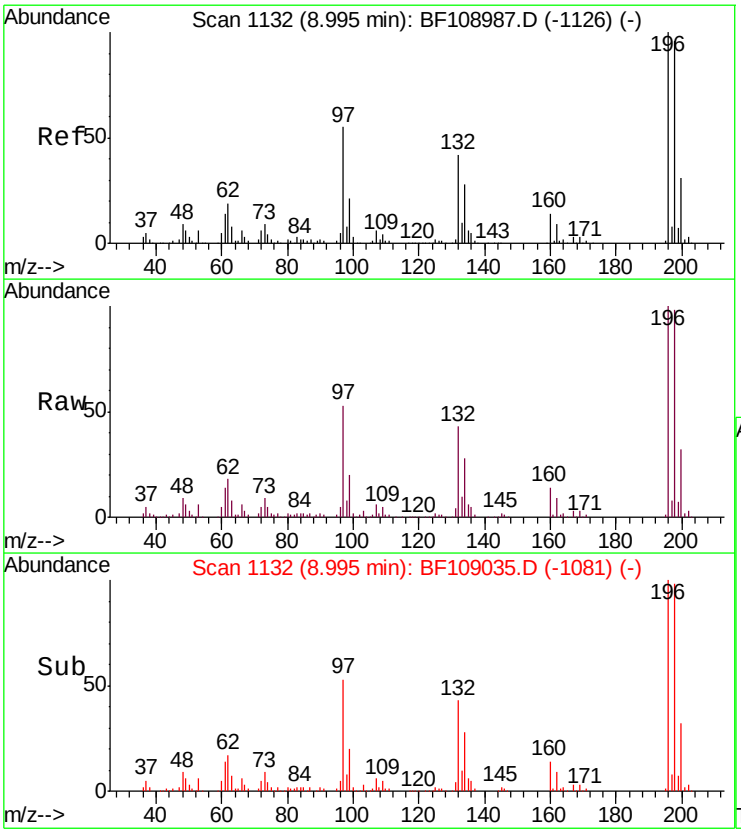
#41
2,4,6-Tribromophenol
Concen: 97.889 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion:330 Resp: 276183

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	32.2	29.9	44.9

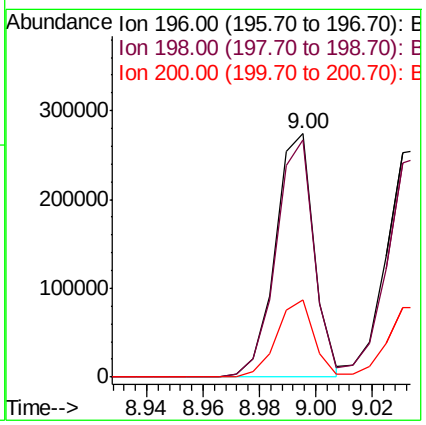


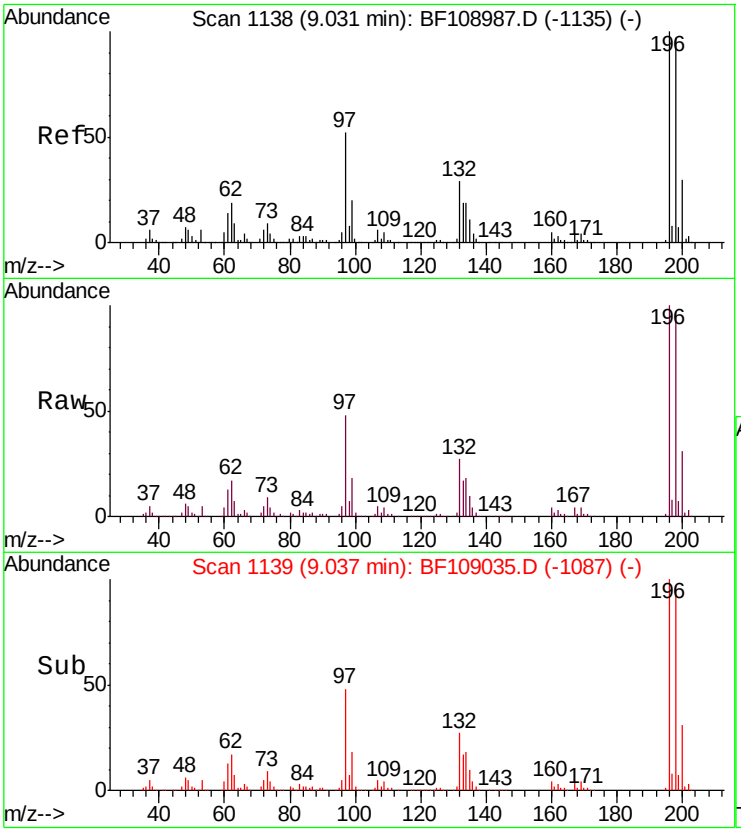


#42
2,4,6-Trichlorophenol
Concen: 47.403 ng
RT: 9.00 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion:196 Resp: 260707

Ion	Ratio	Lower	Upper
196	100		
198	97.6	75.7	113.5
200	31.5	24.5	36.7



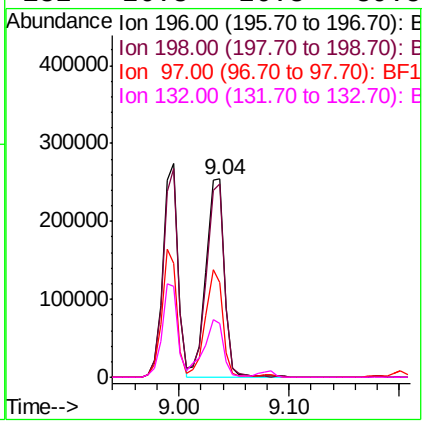


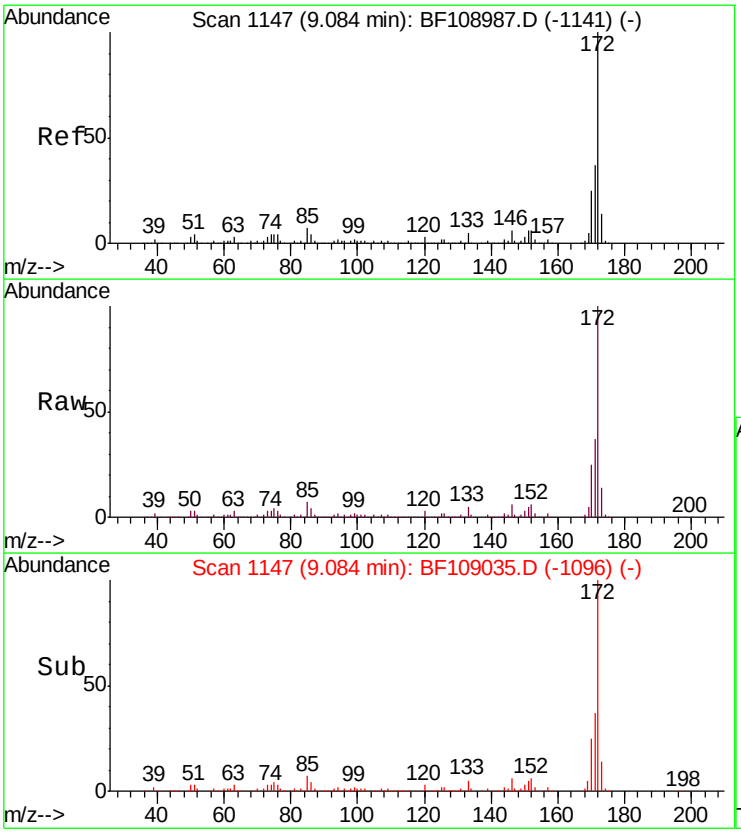
#43
2,4,5-Trichlorophenol
Concen: 49.749 ng
RT: 9.04 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion:196 Resp: 285919

Ion	Ratio	Lower	Upper
196	100		
198	97.3	74.6	112.0
97	48.0	42.9	64.3
132	26.8	26.3	39.5

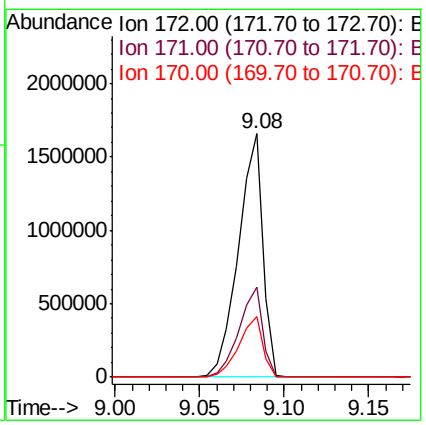


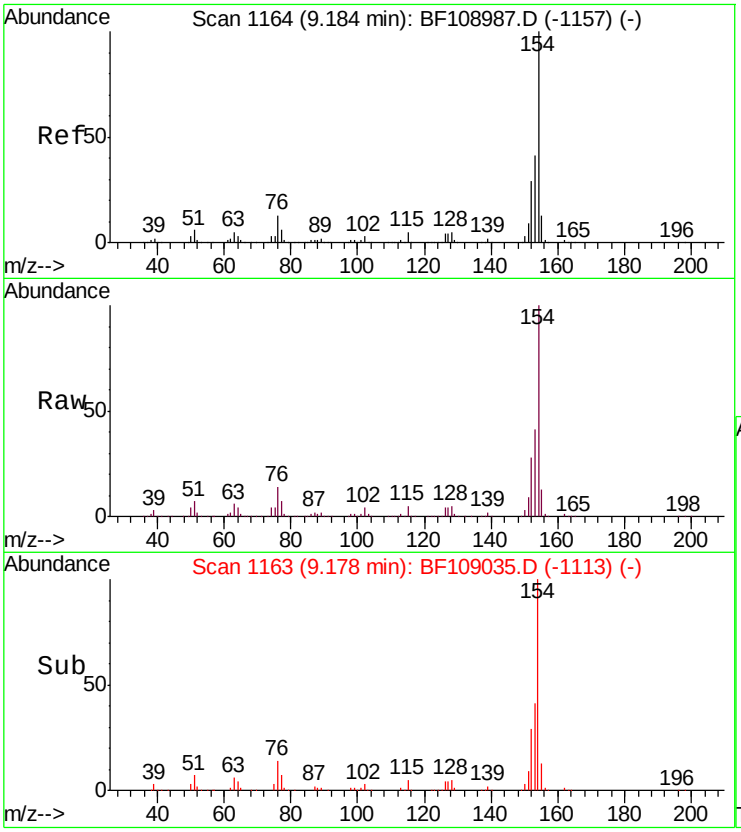


#44
2-Fluorobiphenyl
Concen: 100.663 ng
RT: 9.08 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion:172 Resp: 1670323

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	25.0	19.6	29.4



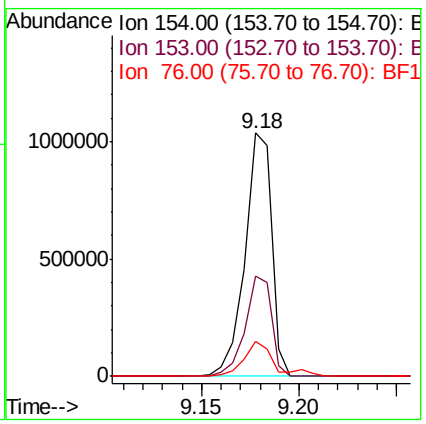


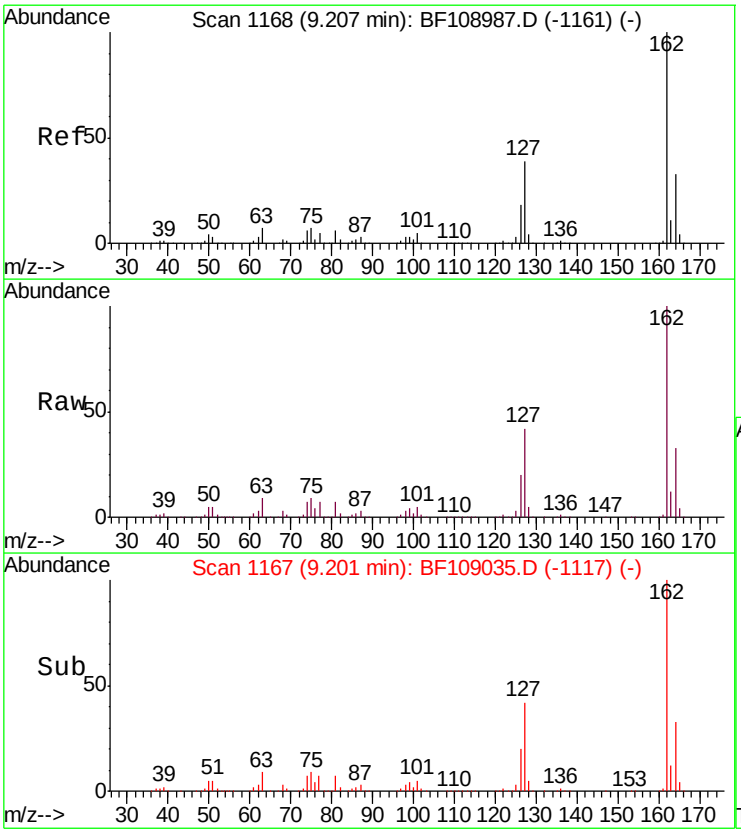
#45
1,1'-Biphenyl
Concen: 47.191 ng
RT: 9.18 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion:154 Resp: 981517

Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.3	61.3
76	14.5	0.0	34.0

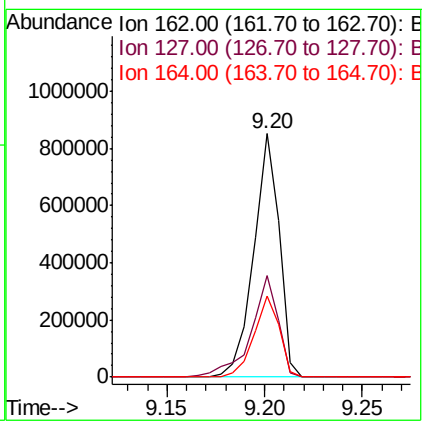


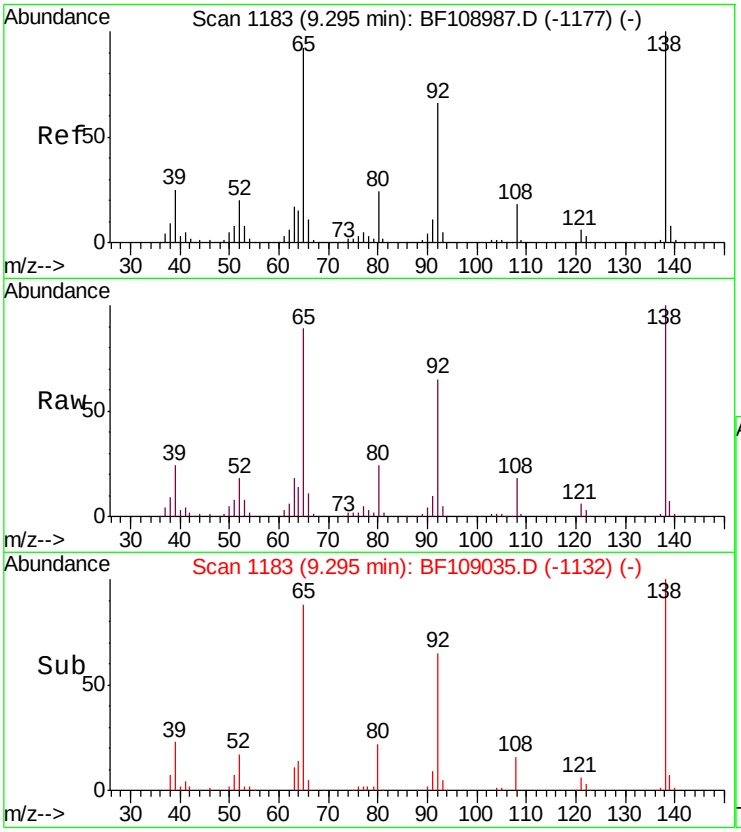


#46
2-Chloronaphthalene
Concen: 46.093 ng
RT: 9.20 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion:162 Resp: 767766

Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.9	50.9
164	33.4	26.5	39.7



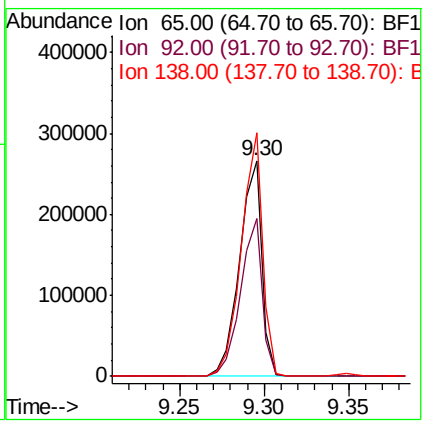


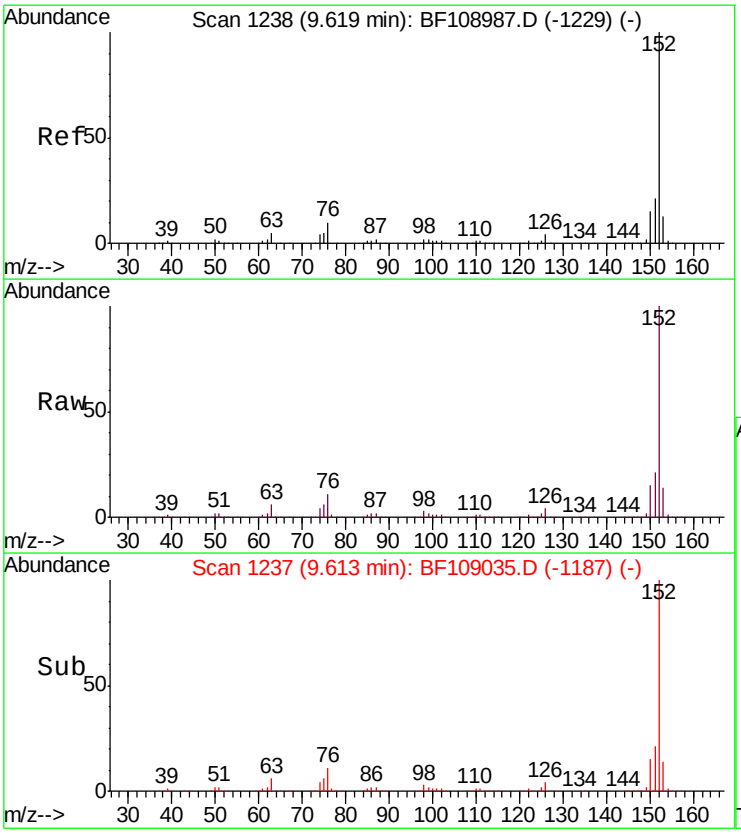
#47
2-Nitroaniline
Concen: 48.044 ng
RT: 9.30 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion: 65 Resp: 246020

Ion	Ratio	Lower	Upper
65	100		
92	73.2	55.8	83.6
138	112.7	91.2	136.8

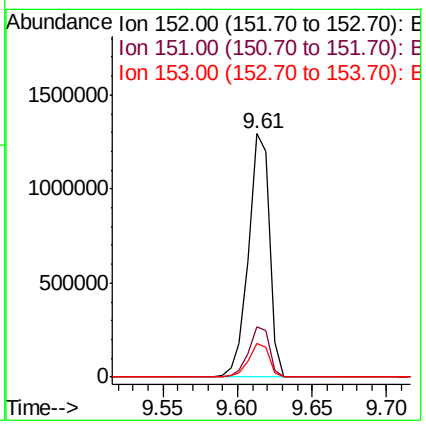


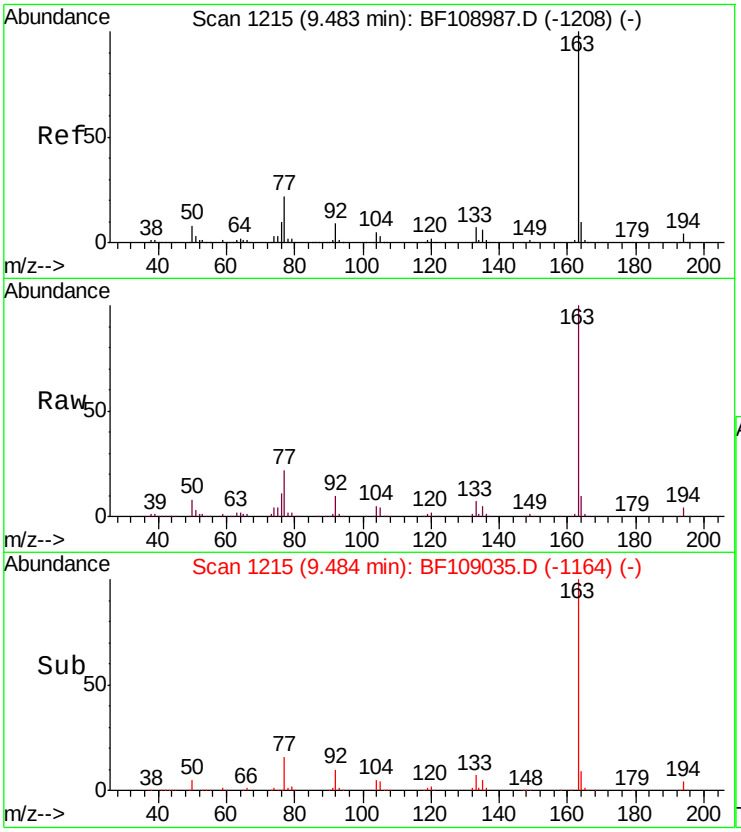


#48
Acenaphthylene
Concen: 49.680 ng
RT: 9.61 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion:152 Resp: 1247654

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.7	10.7	16.1



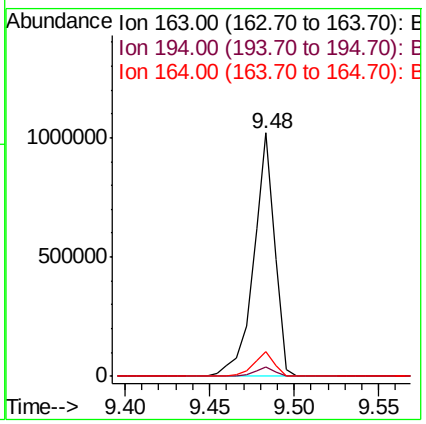


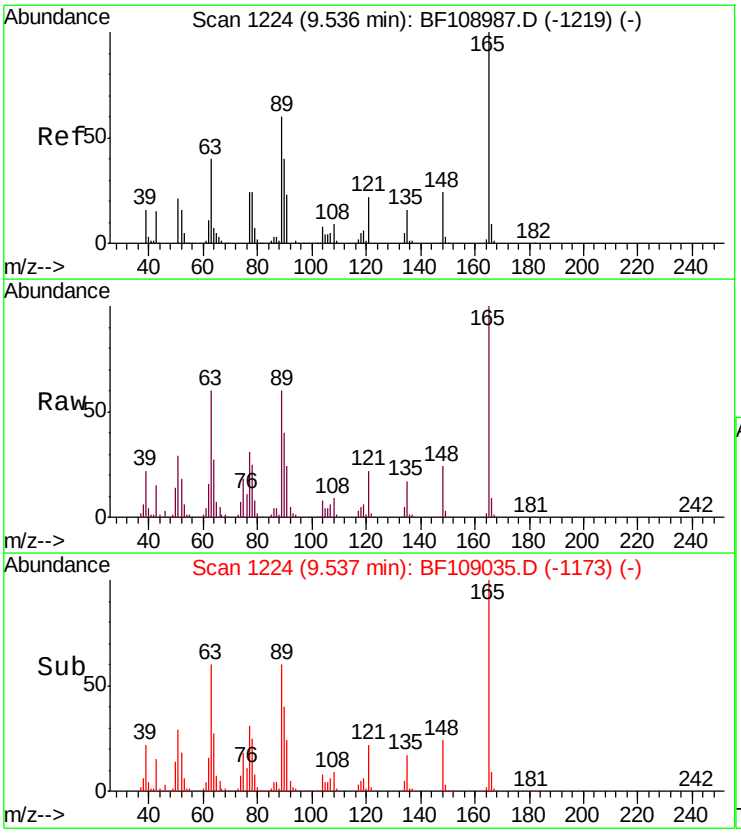
#49
Dimethylphthalate
Concen: 47.642 ng
RT: 9.48 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion:163 Resp: 885243

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.3	8.2	12.2

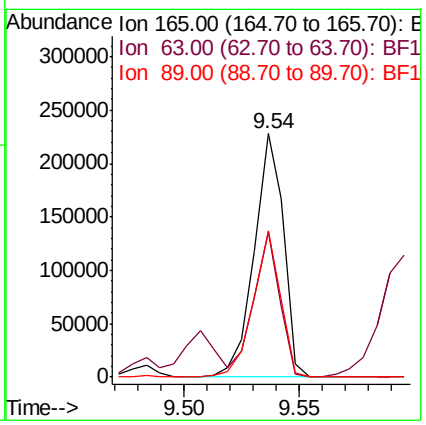


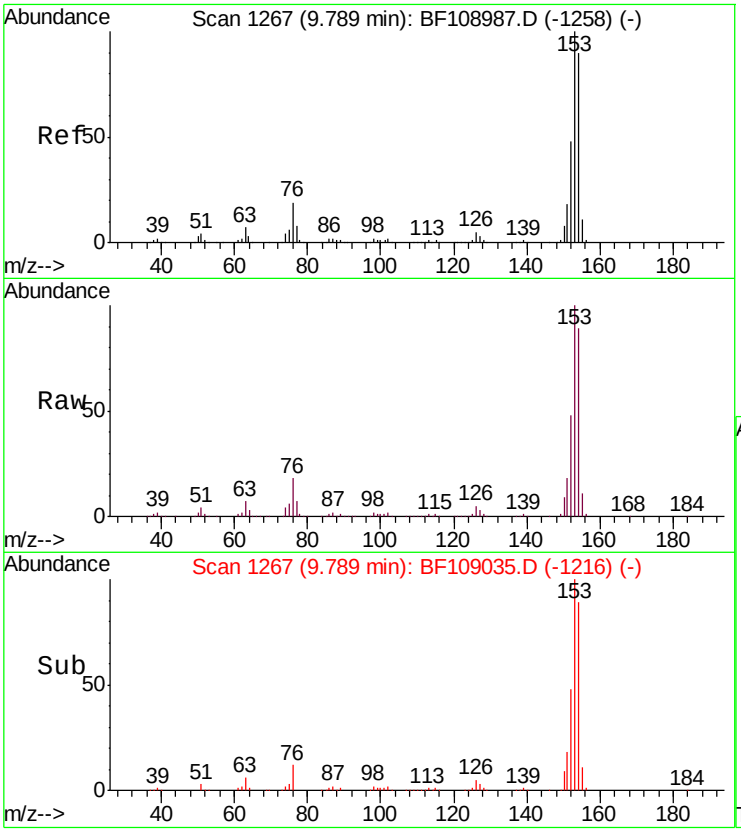


#50
2,6-Dinitrotoluene
Concen: 48.911 ng
RT: 9.54 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion:165 Resp: 201544

Ion	Ratio	Lower	Upper
165	100		
63	59.5	44.7	67.1
89	60.3	44.0	66.0



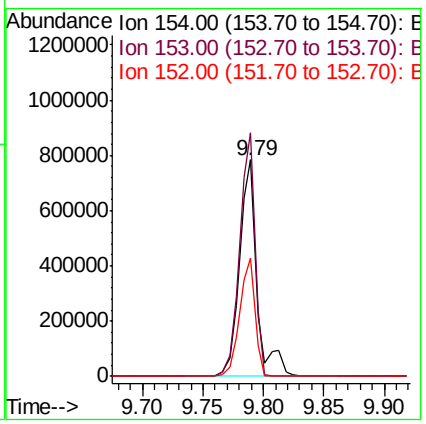


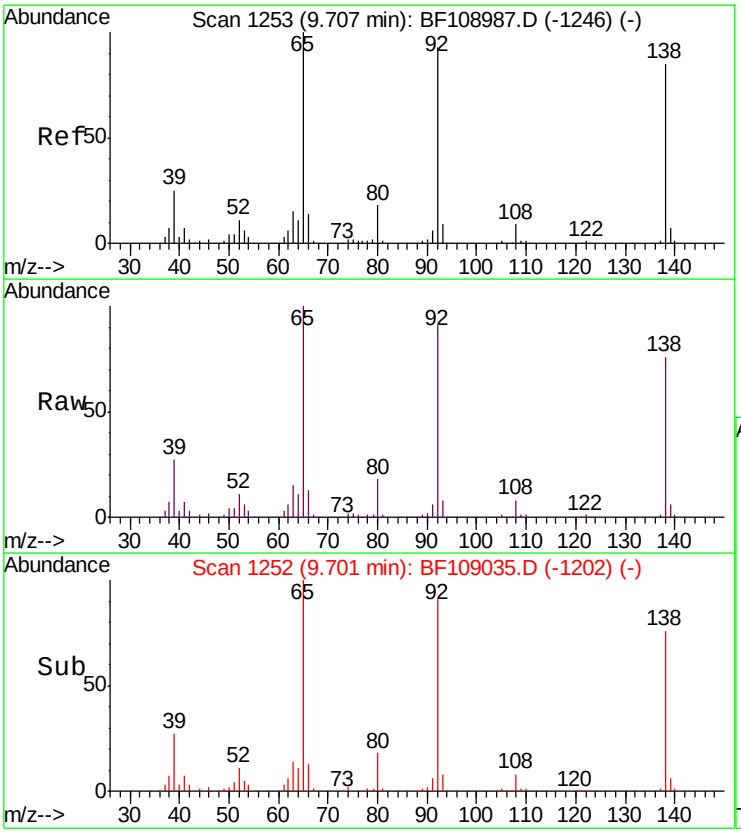
#51
Acenaphthene
Concen: 50.845 ng
RT: 9.79 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion:154 Resp: 795121

Ion	Ratio	Lower	Upper
154	100		
153	112.5	91.2	136.8
152	54.4	43.8	65.8

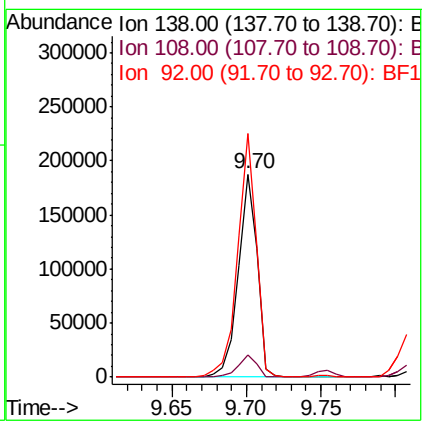


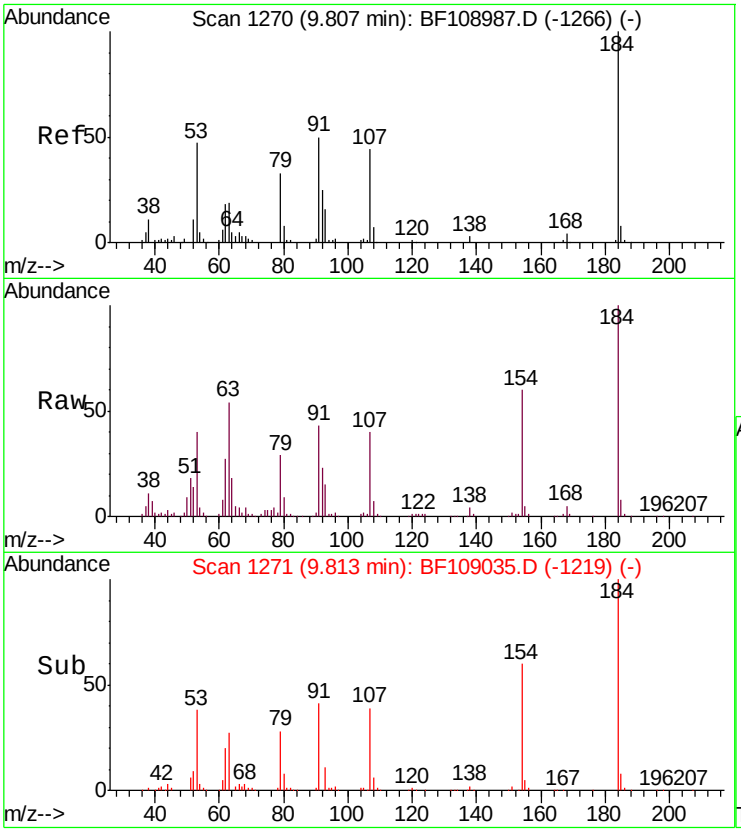


#52
3-Nitroaniline
Concen: 34.130 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion:138 Resp: 165604

Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.4	14.0
92	119.8	89.4	134.2



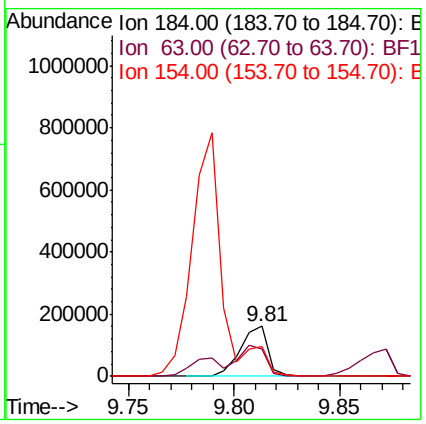


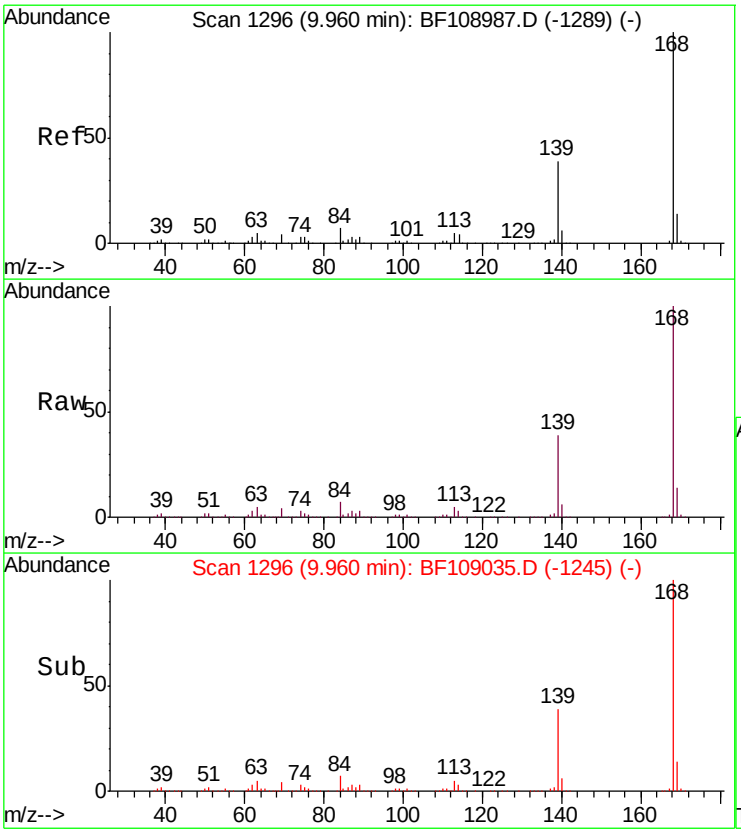
#53
2,4-Dinitrophenol
Concen: 92.852 ng
RT: 9.81 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion:184 Resp: 147457

Ion	Ratio	Lower	Upper
184	100		
63	53.9	54.2	81.2#
154	59.9	184.0	276.0#

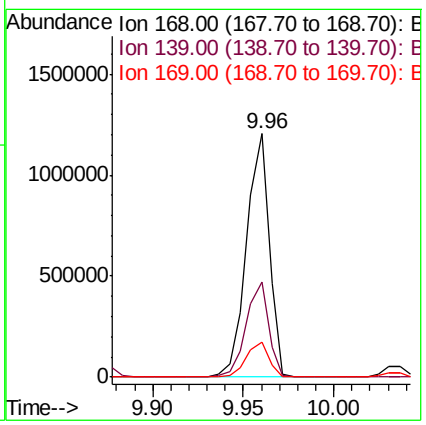


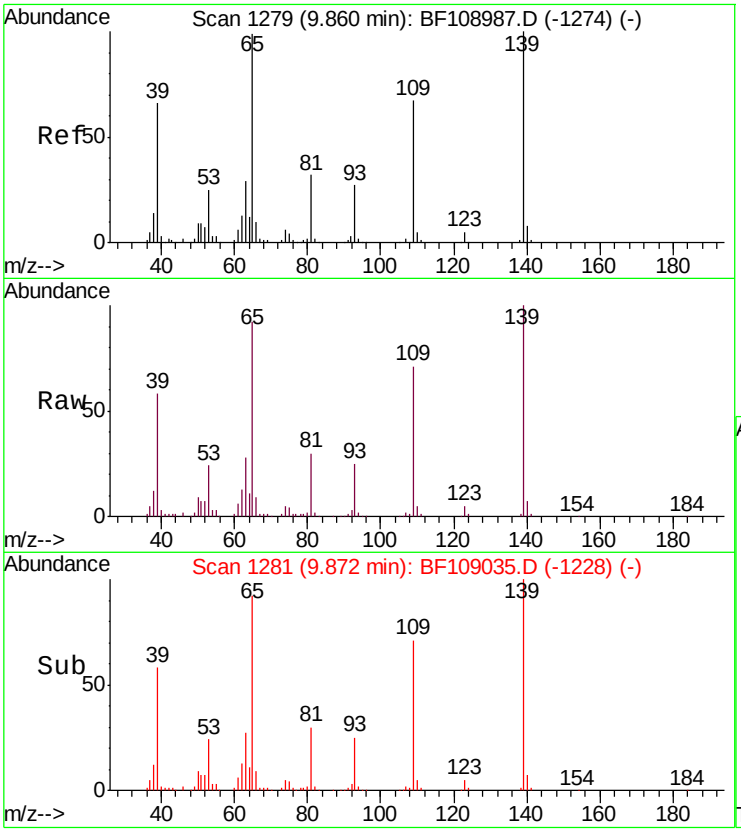


#54
Dibenzofuran
Concen: 46.747 ng
RT: 9.96 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion:168 Resp: 1056395

Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.1	45.1
169	14.3	10.9	16.3



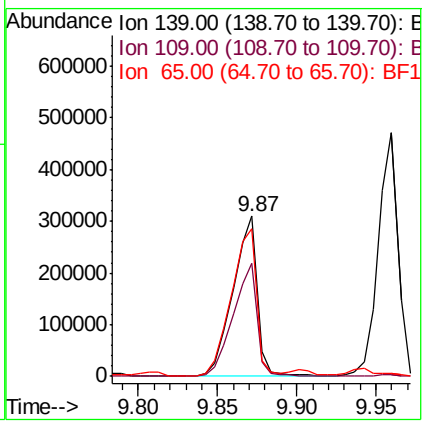


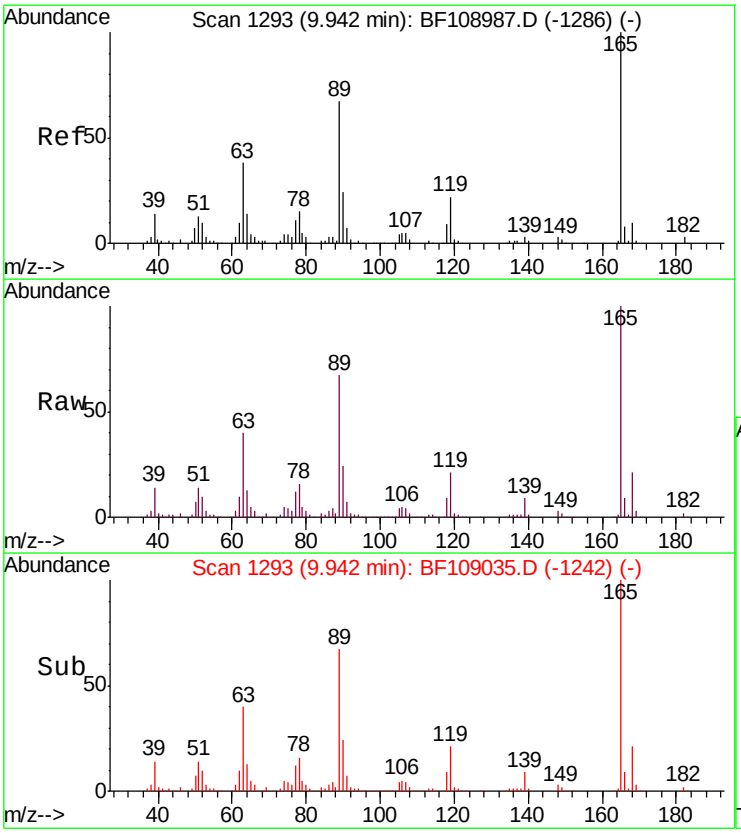
#55
4-Nitrophenol
Concen: 92.237 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion:139 Resp: 329741

Ion	Ratio	Lower	Upper
139	100		
109	70.9	48.4	88.4
65	92.4	72.6	112.6

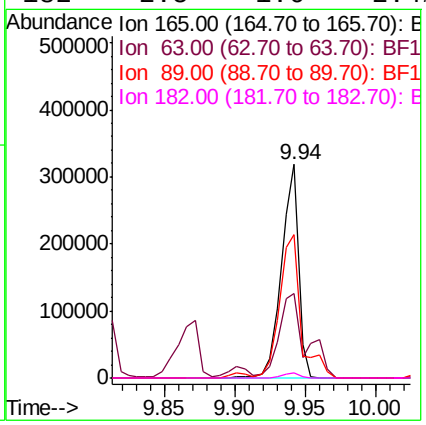


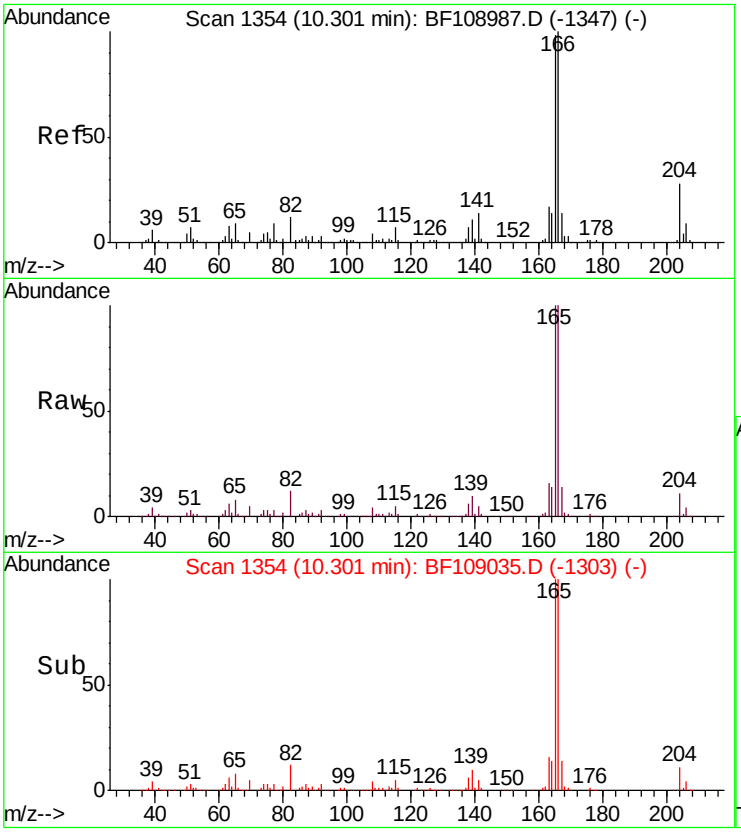


#56
2,4-Dinitrotoluene
Concen: 49.659 ng
RT: 9.94 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion:165 Resp: 267611

Ion	Ratio	Lower	Upper
165	100		
63	39.5	36.4	54.6
89	67.0	57.8	86.6
182	2.5	1.6	2.4#



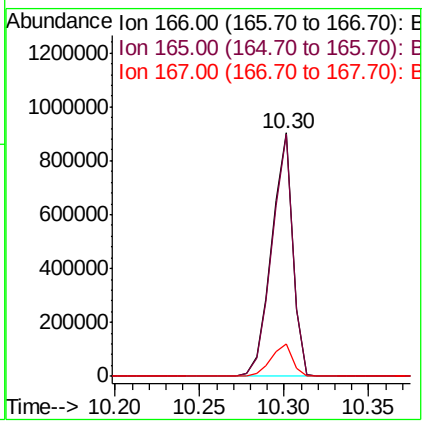


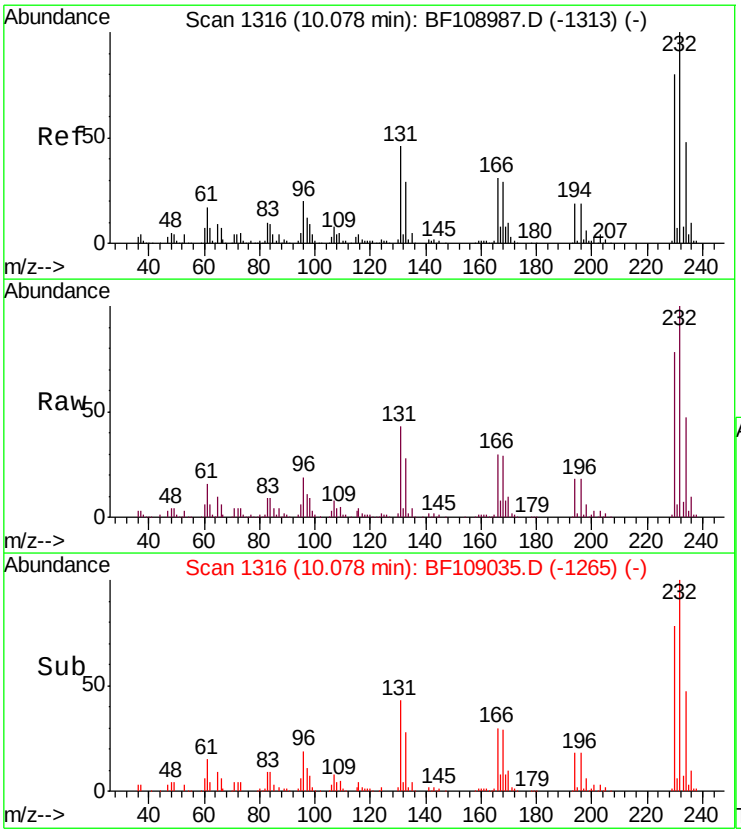
#57
Fluorene
Concen: 51.219 ng
RT: 10.30 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion:166 Resp: 771343

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.8	119.8
167	13.5	10.6	16.0

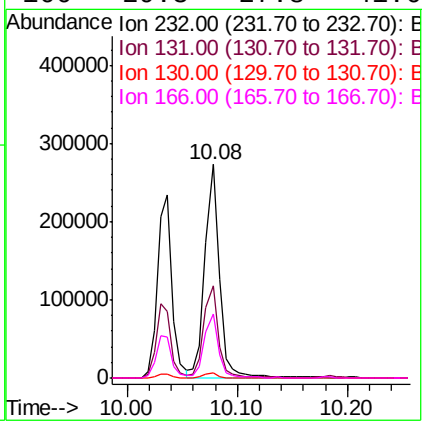


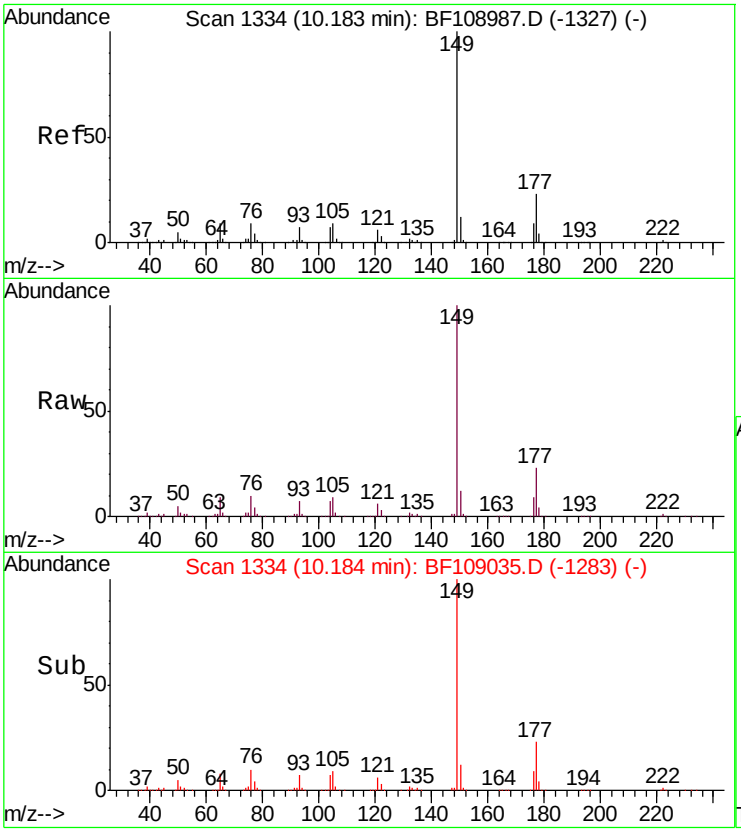


#58
2,3,4,6-Tetrachlorophenol
Concen: 51.198 ng
RT: 10.08 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion:232 Resp: 243644

Ion	Ratio	Lower	Upper
232	100		
131	44.4	43.8	65.8
130	2.1	2.1	3.1
166	29.3	27.8	41.6



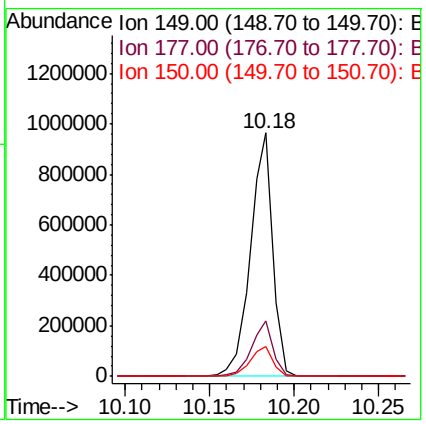


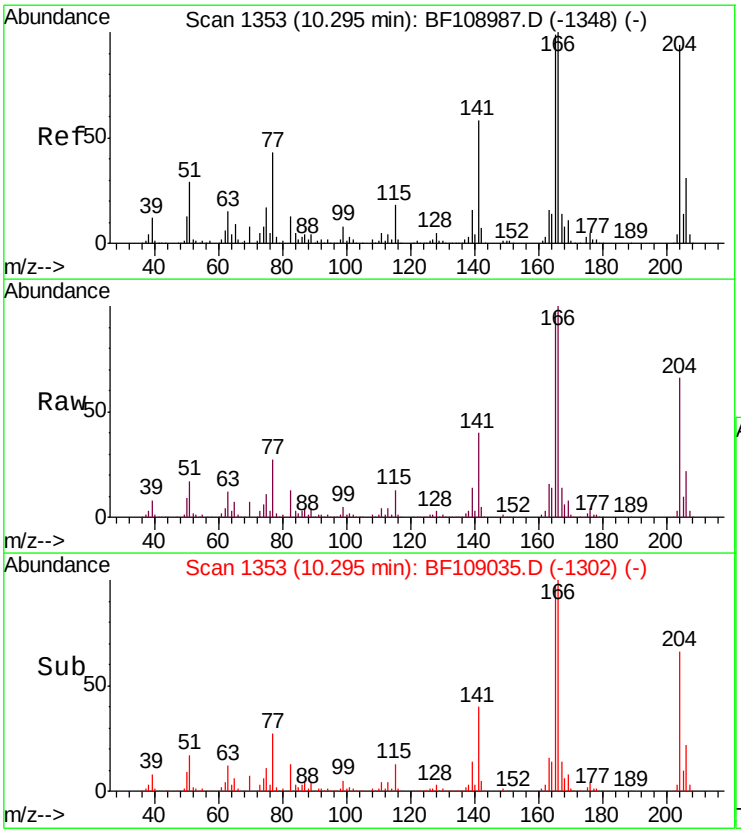
#59
Diethylphthalate
Concen: 47.330 ng
RT: 10.18 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion:149 Resp: 888087

Ion	Ratio	Lower	Upper
149	100		
177	22.5	16.1	24.1
150	12.4	10.1	15.1

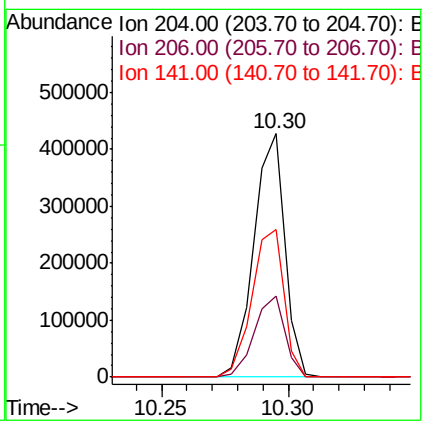


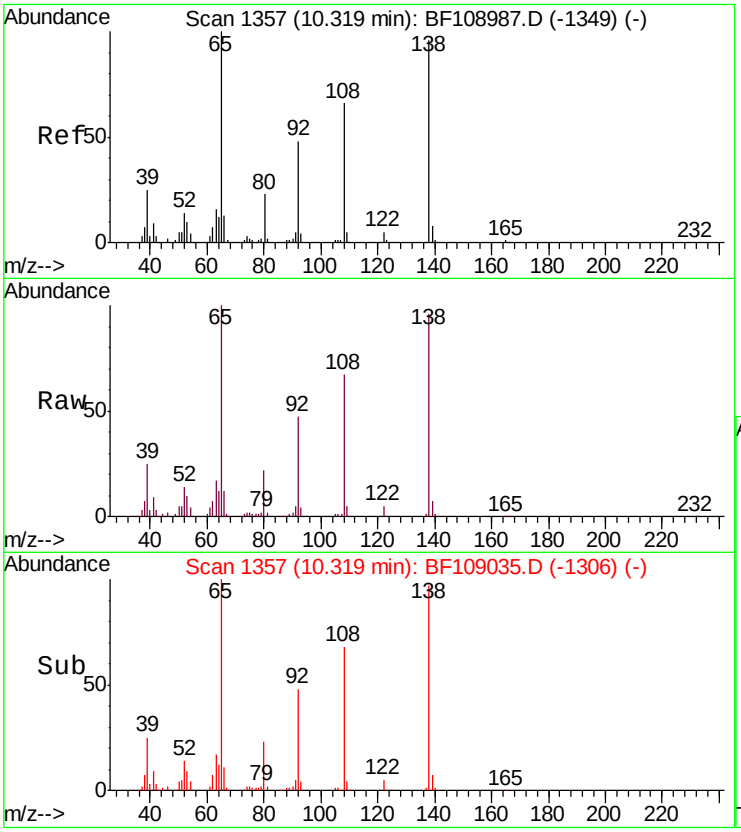


#60
4-Chlorophenyl-phenylether
Concen: 45.534 ng
RT: 10.30 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion:204 Resp: 367184

Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.5	39.7
141	60.4	54.6	81.8



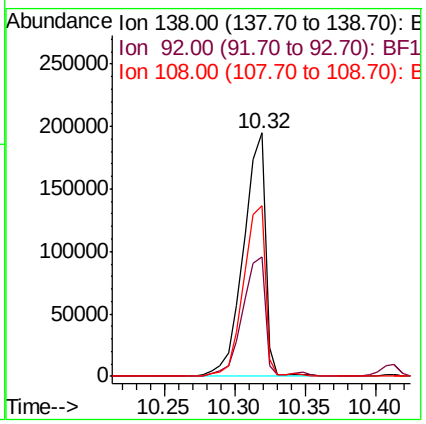


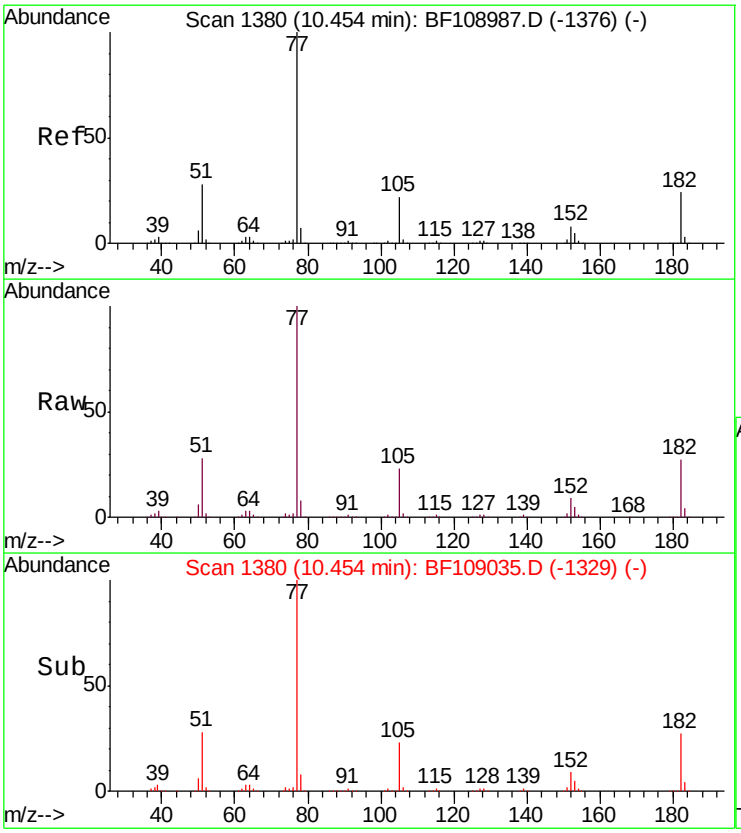
#61
4-Nitroaniline
Concen: 46.178 ng
RT: 10.32 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion:138 Resp: 212874

Ion	Ratio	Lower	Upper
138	100		
92	48.8	30.2	70.2
108	69.9	52.5	92.5

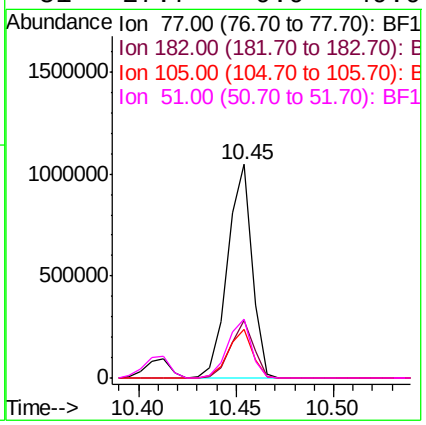


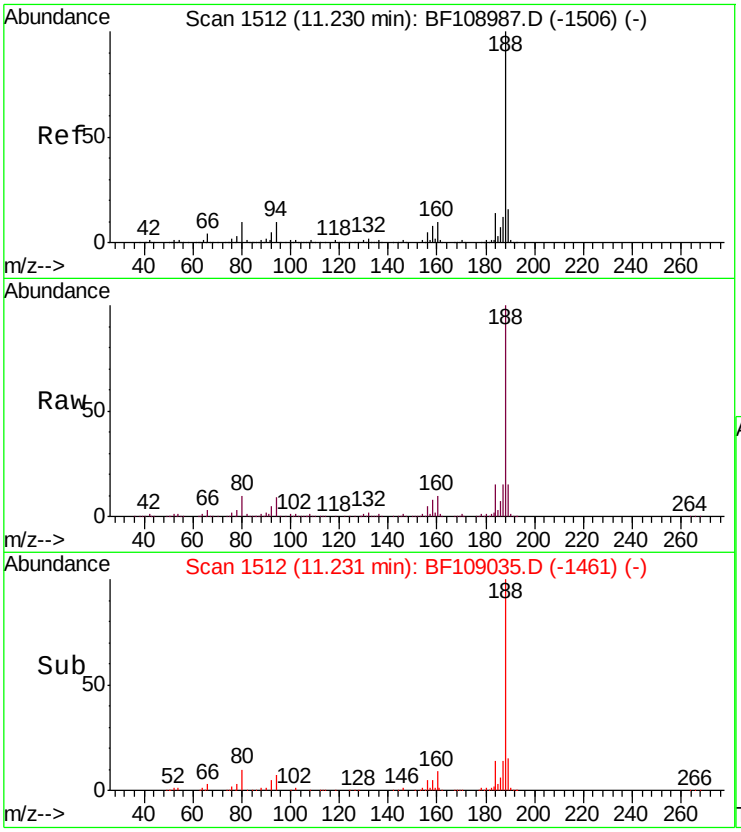


#62
Azobenzene
Concen: 47.263 ng
RT: 10.45 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion: 77 Resp: 907776

Ion	Ratio	Lower	Upper
77	100		
182	26.8	1.7	41.7
105	22.7	3.0	43.0
51	27.7	9.9	49.9



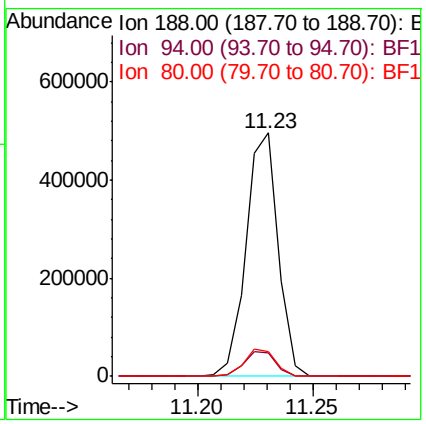


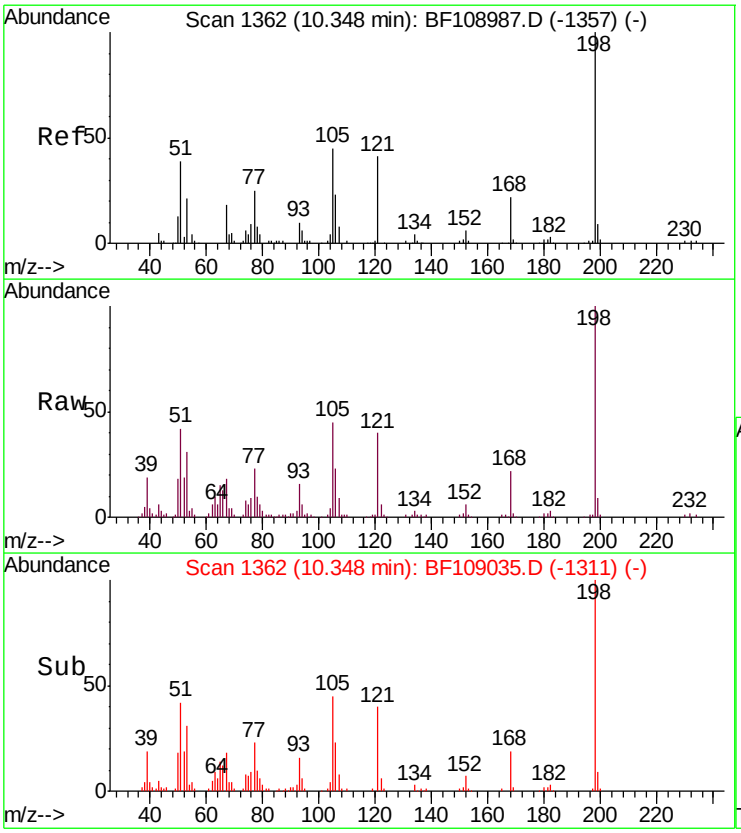
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion:188 Resp: 482151

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.1	9.2	13.8

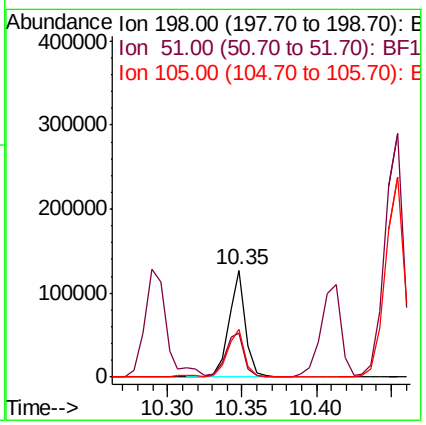


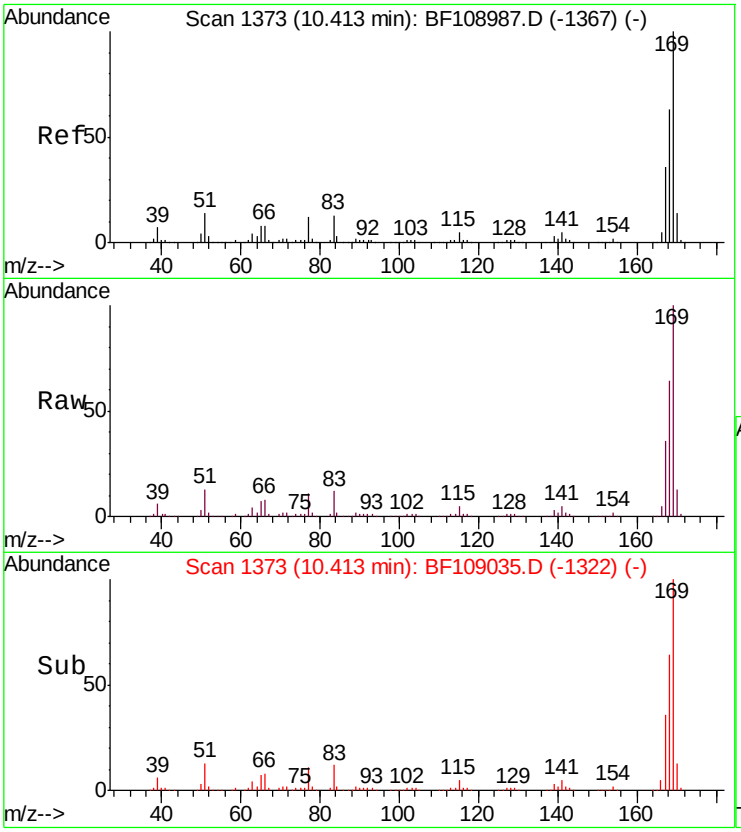


#64
4,6-Dinitro-2-methylphenol
Concen: 43.218 ng
RT: 10.35 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion:198 Resp: 99699

Ion	Ratio	Lower	Upper
198	100		
51	41.6	37.7	77.7
105	44.6	36.3	76.3



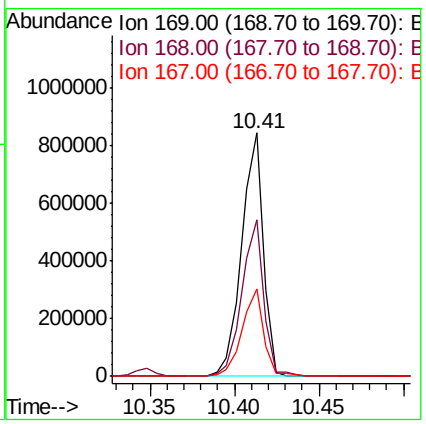


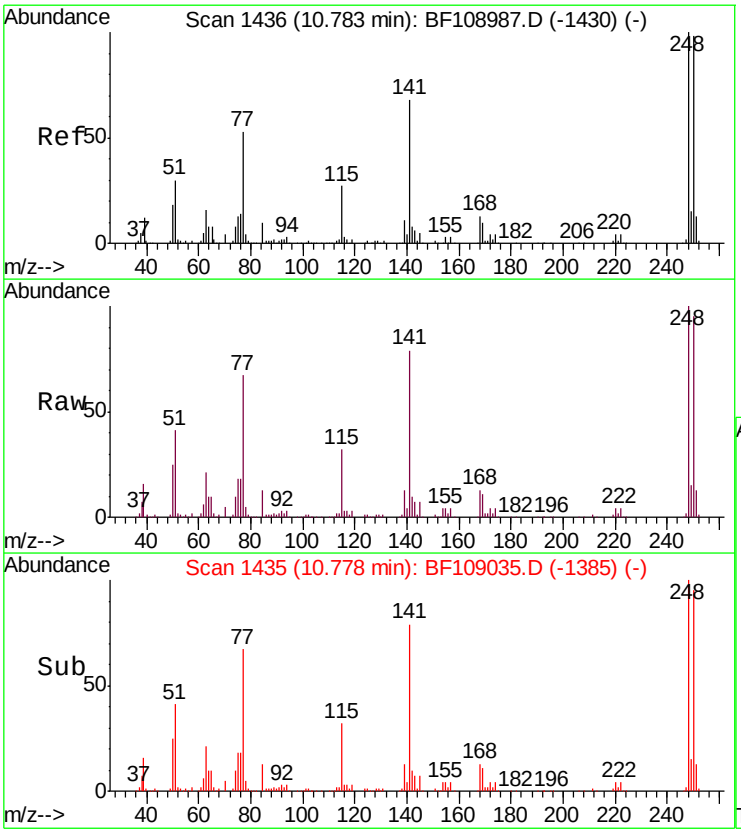
#65
n-Nitrosodiphenylamine
Concen: 48.084 ng
RT: 10.41 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion:169 Resp: 758363

Ion	Ratio	Lower	Upper
169	100		
168	64.3	54.4	81.6
167	35.9	29.8	44.6

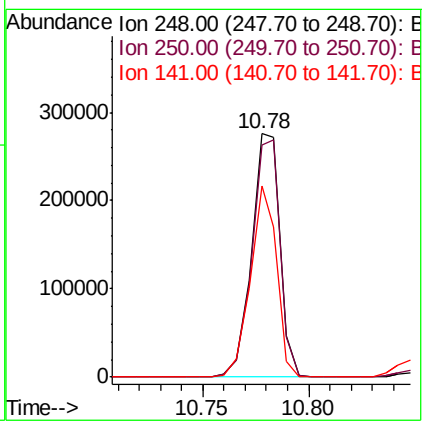


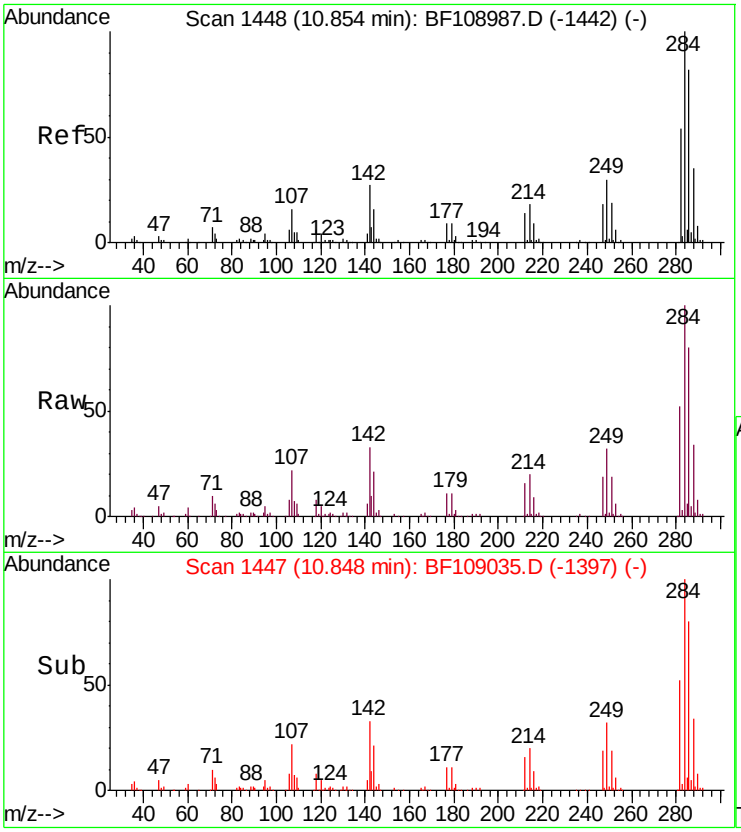


#66
4-Bromophenyl-phenylether
Concen: 47.409 ng
RT: 10.78 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion:248 Resp: 257697

Ion	Ratio	Lower	Upper
248	100		
250	95.3	76.9	115.3
141	78.6	74.4	111.6



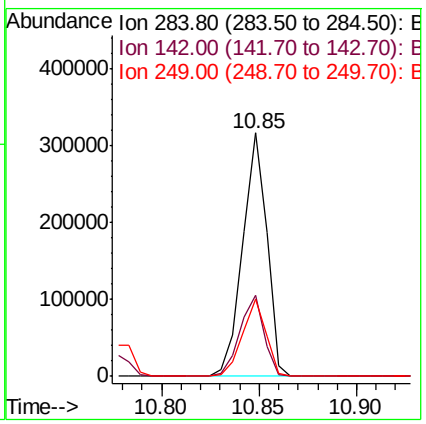


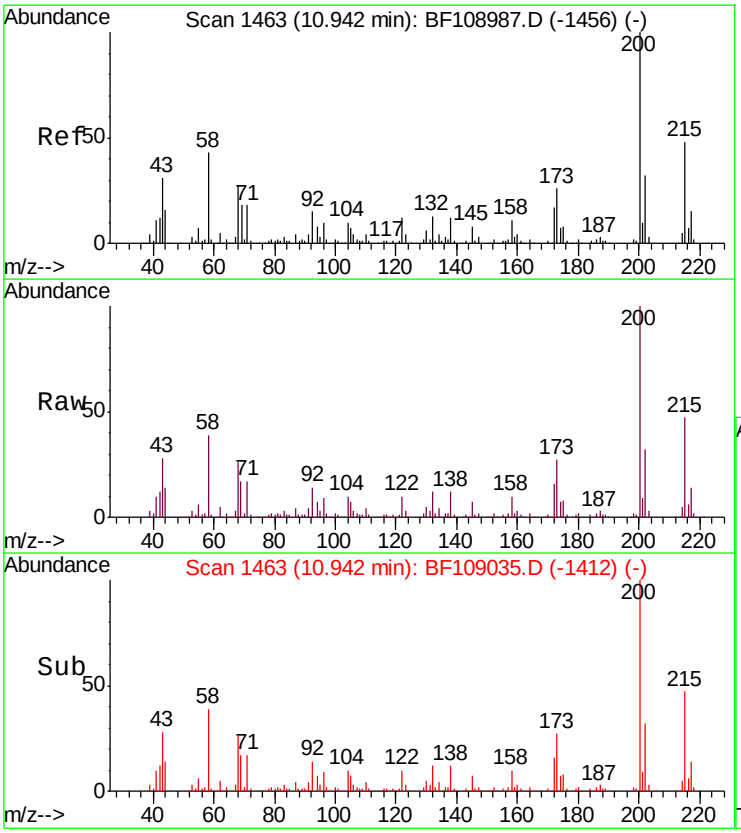
#67
Hexachlorobenzene
Concen: 46.880 ng
RT: 10.85 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Tgt Ion:284 Resp: 272567

Ion	Ratio	Lower	Upper
284	100		
142	33.4	34.6	52.0#
249	31.6	24.8	37.2





#68
Atrazine
Concen: 49.738 ng
RT: 10.94 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF109035.D
Acq: 15 Sep 2018 10:01

Tgt Ion:200 Resp: 251113

Ion	Ratio	Lower	Upper
200	100		
173	26.6	8.6	48.6
215	46.9	25.1	65.1