Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091517\
Data File : BF098577.D
Acq On : 15 Sep 2017 19:07
Operator : SJ/JU
Sample : I5229-06MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UT5400S16MS

Quant Time: Sep 16 01:48:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	146620	20.00	ng		-0.02
21) Naphthalene-d8	7.93	136	618282	20.00	ng		-0.02
38) Acenaphthene-d10	9.68	164	291640	20.00	ng		-0.02
63) Phenanthrene-d10	11.17	188	548984	20.00	ng		-0.02
75) Chrysene-d12	13.80	240	394116	20.00	ng		-0.01
86) Perylene-d12	15.20	264	315975	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1099727	110.90	ng		-0.01
7) Phenol-d6	6.31	99	1364660	108.39	ng		-0.01
23) Nitrobenzene-d5	7.22	82	849433	76.59	ng		-0.02
41) 2,4,6-Tribromophenol	10.48	330	264202	135.73	ng		-0.01
44) 2-Fluorobiphenyl	9.01	172	1295298	75.28	ng		-0.02
78) Terphenyl-d14	12.75	244	1265308	69.30	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	138024	26.967	ng		93
3) Pyridine	3.00	79	333513	24.536	ng	#	87
4) n-Nitrosodimethylamine	2.96	42	202661	30.412	ng		100
6) Aniline	6.31	93	373800	23.665	ng	#	35
8) 2-Chlorophenol	6.44	128	403647	37.016	ng		99
9) Benzaldehyde	6.19	77	191042	23.211	ng		94
10) Phenol	6.32	94	531890	36.370	ng		76
11) bis(2-Chloroethyl)ether	6.39	93	382676	34.706	ng		97
12) 1,3-Dichlorobenzene	6.66	146	405204	36.919	ng		98
13) 1,4-Dichlorobenzene	6.66	146	405204	36.042	ng		96
14) 1,2-Dichlorobenzene	6.82	146	374863	36.599	ng		97
15) Benzyl Alcohol	6.80	79	345426	41.223	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.93	45	561060	30.926	ng	#	37
17) 2-Methylphenol	6.92	107	337519	37.958	ng	#	88
18) Hexachloroethane	7.15	117	143195	33.259	ng		88
19) n-Nitroso-di-n-propylamine	7.07	70	284556	35.930	ng		97
20) 3+4-Methylphenols	7.08	107	440231	39.232	ng	#	65
22) Acetophenone	7.06	105	578965	36.231	ng	#	89
24) Nitrobenzene	7.24	77	432430	34.231	ng		93
25) Isophorone	7.48	82	766758	34.171	ng		97
26) 2-Nitrophenol	7.55	139	218087	42.758	ng	#	79
27) 2,4-Dimethylphenol	7.60	122	350012	35.998	ng		96
28) bis(2-Chloroethoxy)methane	7.69	93	489696	35.766	ng		98
29) 2,4-Dichlorophenol	7.80	162	333864	41.286	ng		98
30) 1,2,4-Trichlorobenzene	7.87	180	342305	38.913	ng		99
31) Naphthalene	7.95	128	1150189	37.631	ng		99
32) Benzoic acid	7.75	122	146788	26.738	ng		94
33) 4-Chloroaniline	8.01	127	283680	22.837	ng		99
34) Hexachlorobutadiene	8.06	225	170383	37.730	ng		97
35) Caprolactam	8.40	113	55396	19.866	ng	#	86
36) 4-Chloro-3-methylphenol	8.52	107	382790	38.169	ng		86
37) 2-Methylnaphthalene	8.65	142	744068	40.189	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	315495	34.729	ng		98
40) Hexachlorocyclopentadiene	8.79	237	150666	59.505	ng		96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091517\
Data File : BF098577.D
Acq On : 15 Sep 2017 19:07
Operator : SJ/JU
Sample : I5229-06MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UT5400S16MS

Quant Time: Sep 16 01:48:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	217237	40.712	ng		91
43) 2,4,5-Trichlorophenol	8.98	196	232789	41.739	ng		93
45) 1,1'-Biphenyl	9.11	154	916119	35.096	ng		98
46) 2-Chloronaphthalene	9.13	162	696711	37.372	ng		94
47) 2-Nitroaniline	9.24	65	260516	36.409	ng		98
48) Acenaphthylene	9.55	152	1020291	36.809	ng		99
49) Dimethylphthalate	9.42	163	1065505	47.198	ng		99
50) 2,6-Dinitrotoluene	9.49	165	188340	40.615	ng	#	88
51) Acenaphthene	9.72	154	647626	36.756	ng		97
52) 3-Nitroaniline	9.65	138	148586	26.544	ng		98
53) 2,4-Dinitrophenol	9.77	184	151772	70.385	ng	#	74
54) Dibenzofuran	9.89	168	923492	39.785	ng		99
55) 4-Nitrophenol	9.85	139	221105	68.750	ng	#	61
56) 2,4-Dinitrotoluene	9.89	165	241900	42.908	ng	#	59
57) Fluorene	10.23	166	728956	37.941	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.02	232	175598	46.848	ng	#	95
59) Diethylphthalate	10.12	149	802096	37.359	ng		97
60) 4-Chlorophenyl-phenylether	10.22	204	353629	39.849	ng		90
61) 4-Nitroaniline	10.27	138	207323	36.674	ng		90
62) Azobenzene	10.39	77	789242	34.107	ng		96
64) 4,6-Dinitro-2-methylphenol	10.30	198	131079	39.866	ng		79
65) n-Nitrosodiphenylamine	10.35	169	670401	37.608	ng		100
66) 4-Bromophenyl-phenylether	10.71	248	209116	40.135	ng		97
67) Hexachlorobenzene	10.78	284	207896	39.337	ng	#	89
68) Atrazine	10.88	200	217597	39.651	ng		98
69) Pentachlorophenol	10.99	266	162226	70.267	ng		98
70) Phenanthrene	11.19	178	1121311	38.529	ng		99
71) Anthracene	11.24	178	1143458	38.268	ng		98
72) Carbazole	11.40	167	1043545	37.474	ng		99
73) Di-n-butylphthalate	11.73	149	1230098	36.868	ng		99
74) Fluoranthene	12.38	202	1143604	39.252	ng		98
77) Pyrene	12.60	202	1184195	38.089	ng		99
79) Butylbenzylphthalate	13.23	149	524744	38.905	ng	#	85
80) Benzo(a)anthracene	13.79	228	880562	38.109	ng		99
81) 3,3'-Dichlorobenzidine	13.76	252	242516	27.007	ng	#	96
82) Chrysene	13.83	228	863604	36.975	ng		98
83) Bis(2-ethylhexyl)phthalate	13.79	149	681822	40.279	ng	#	99
84) Di-n-octyl phthalate	14.40	149	1115406	38.405	ng		99
85) Indeno(1,2,3-cd)pyrene	16.55	276	637979	38.933	ng		96
87) Benzo(b)fluoranthene	14.81	252	731864	36.837	ng		98
88) Benzo(k)fluoranthene	14.84	252	726126	39.149	ng	#	94
89) Benzo(a)pyrene	15.15	252	680957	38.472	ng		98
90) Dibenzo(a,h)anthracene	16.56	278	539531	41.903	ng		97
91) Benzo(g,h,i)perylene	16.95	276	541605	41.821	ng		94

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

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Acq On : 15 Sep 2017 19:07
Operator : SJ/JU
Sample : I5229-06MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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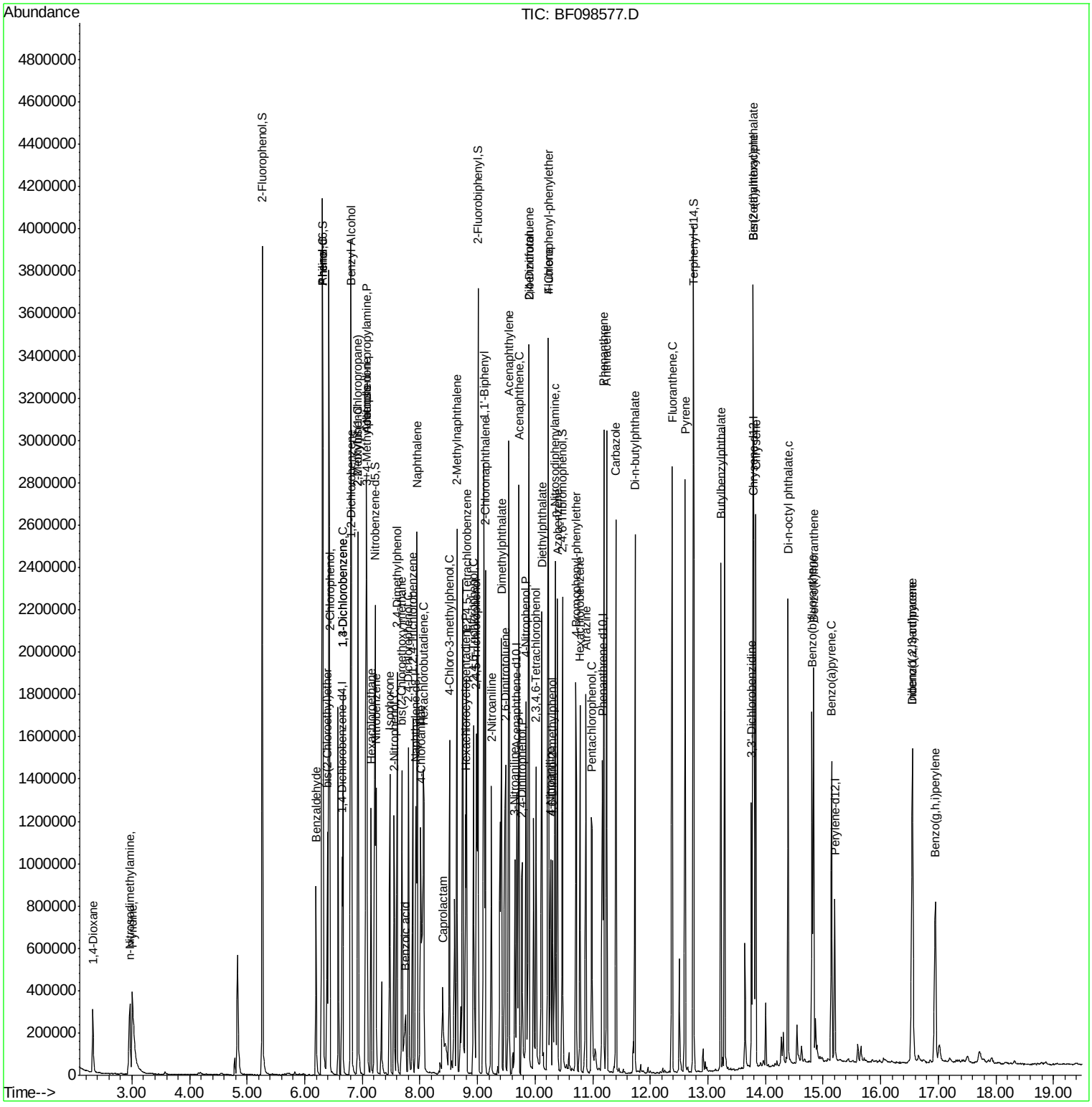
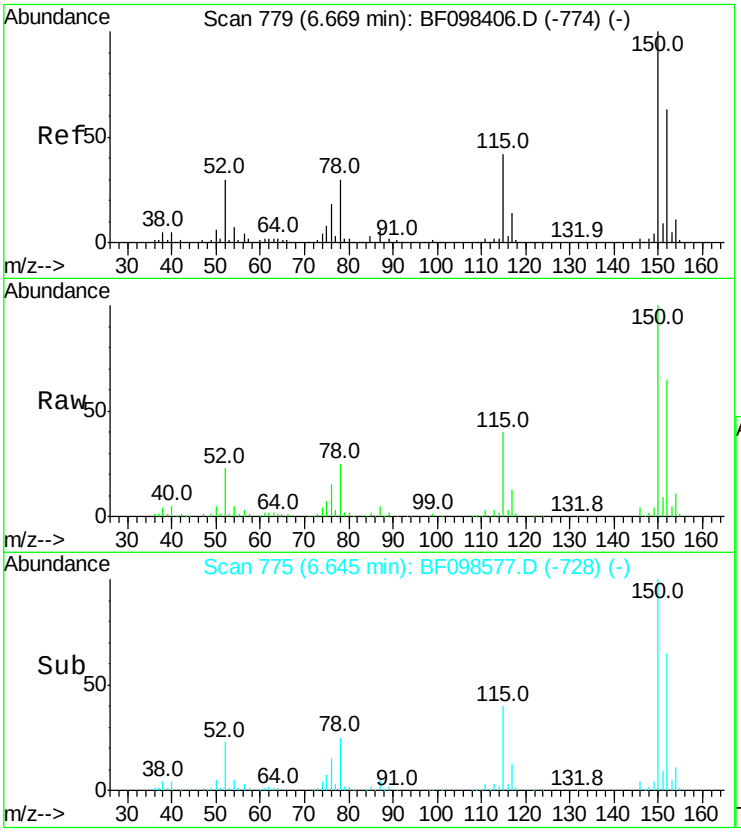
ClientSampleId :
UT5400S16MS

Quant Time: Sep 16 01:48:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration



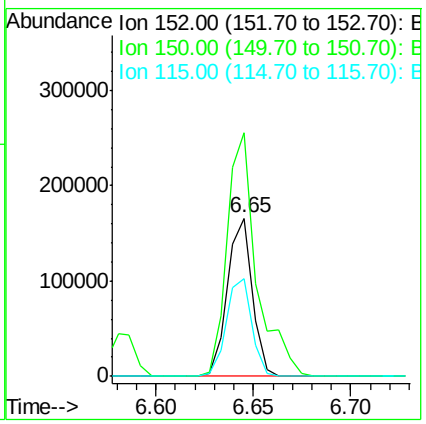


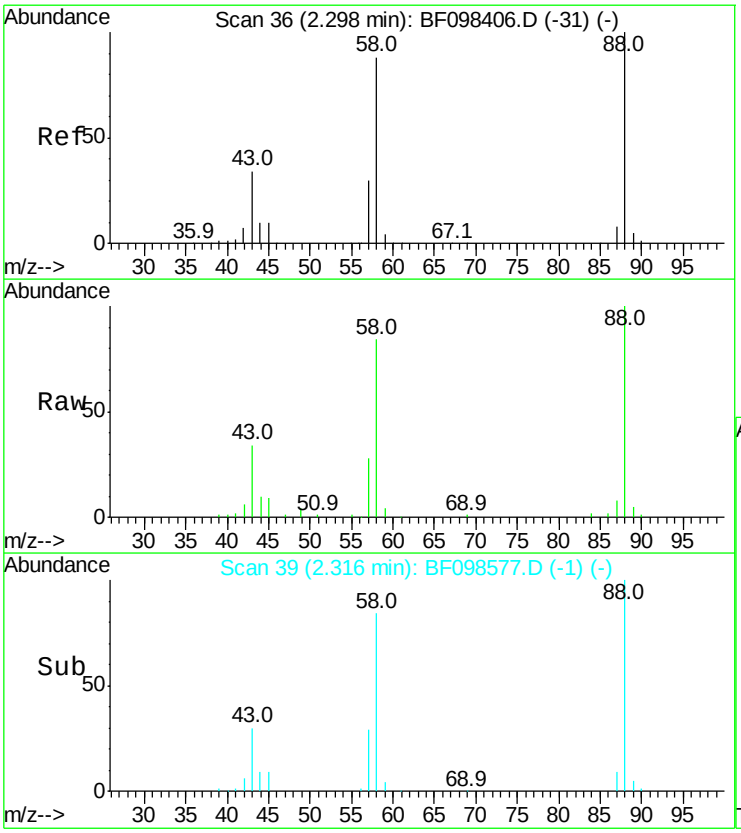
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:152 Resp: 146620

Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.2	189.2
115	61.8	52.2	78.2

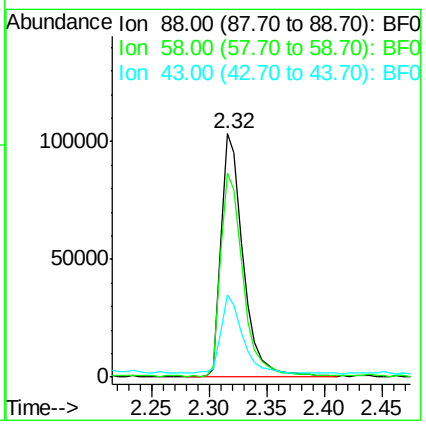


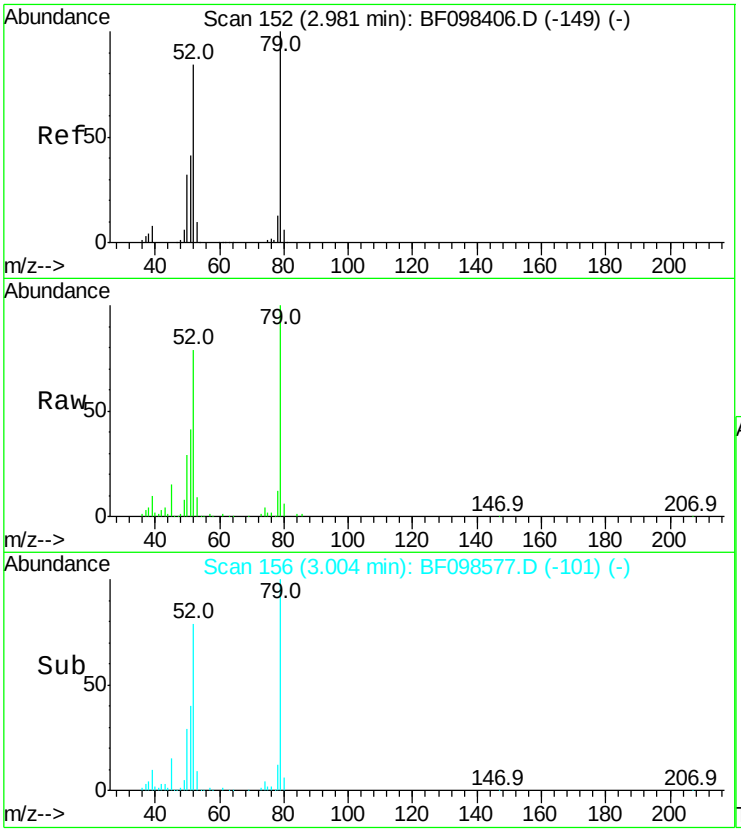


#2
1,4-Dioxane
Concen: 26.967 ng
RT: 2.32 min Scan# 39
Delta R.T. 0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion: 88 Resp: 138024

Ion	Ratio	Lower	Upper
88	100		
58	83.5	61.4	92.0
43	31.0	23.4	35.0



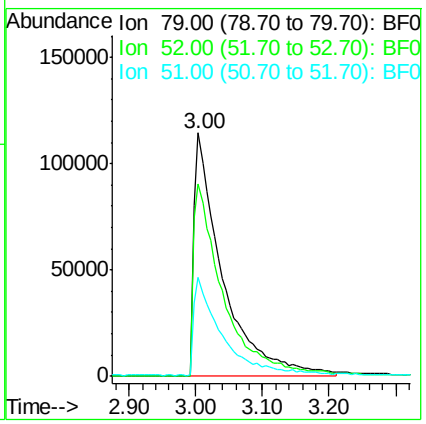


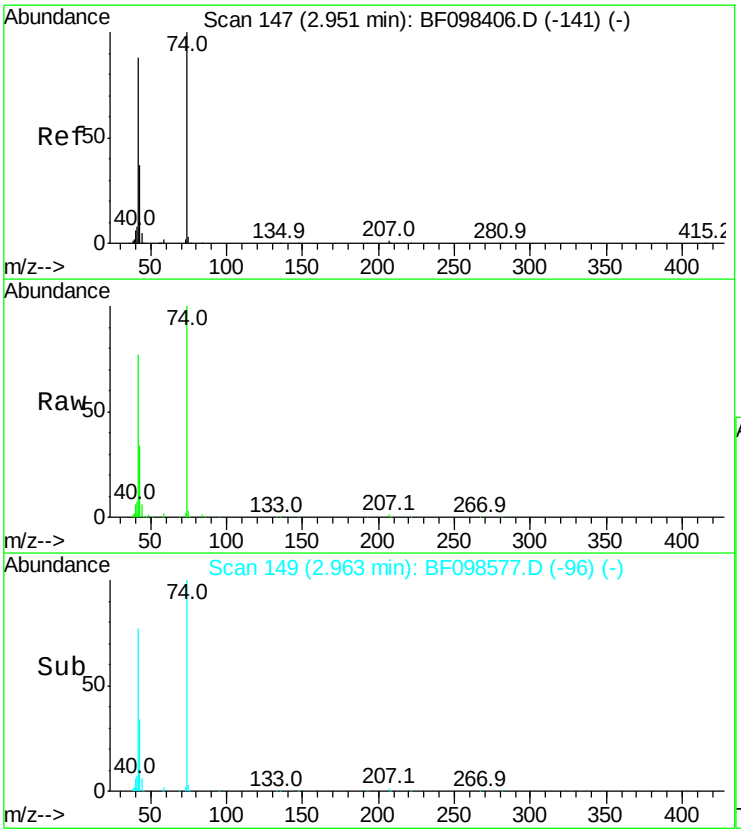
#3
Pyridine
Concen: 24.536 ng
RT: 3.00 min Scan# 156
Delta R.T. 0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion: 79 Resp: 333513

Ion	Ratio	Lower	Upper
79	100		
52	79.1	54.8	82.2
51	40.6	27.0	40.4#

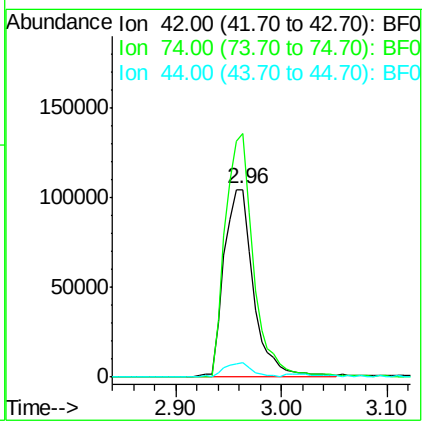


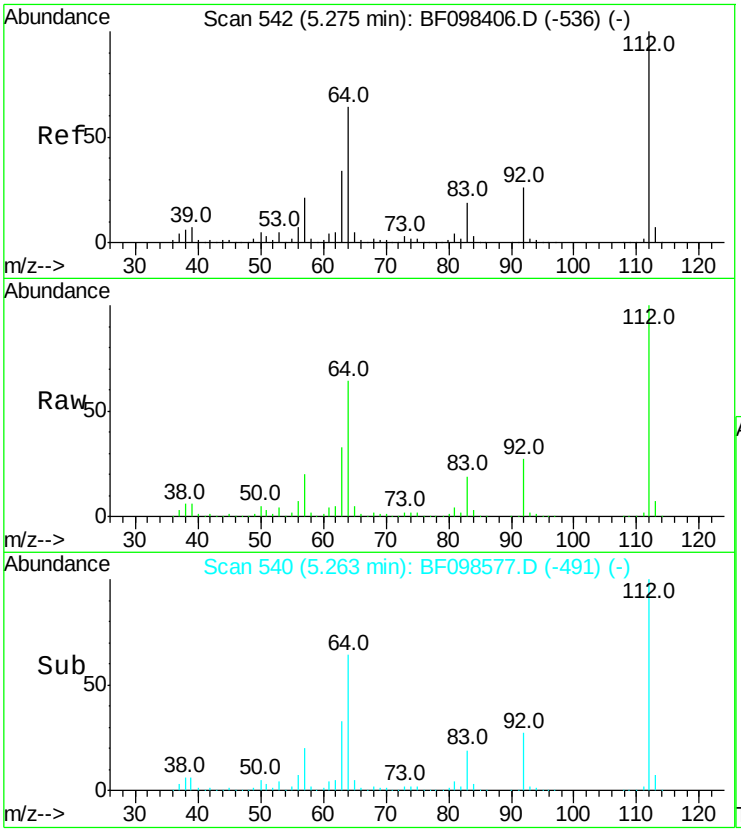


#4
n-Nitrosodimethylamine
Concen: 30.412 ng
RT: 2.96 min Scan# 149
Delta R.T. 0.01 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion: 42 Resp: 202661

Ion	Ratio	Lower	Upper
42	100		
74	129.9	103.9	155.9
44	7.8	5.7	8.5



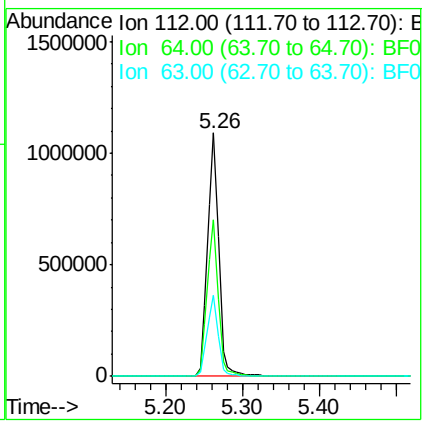


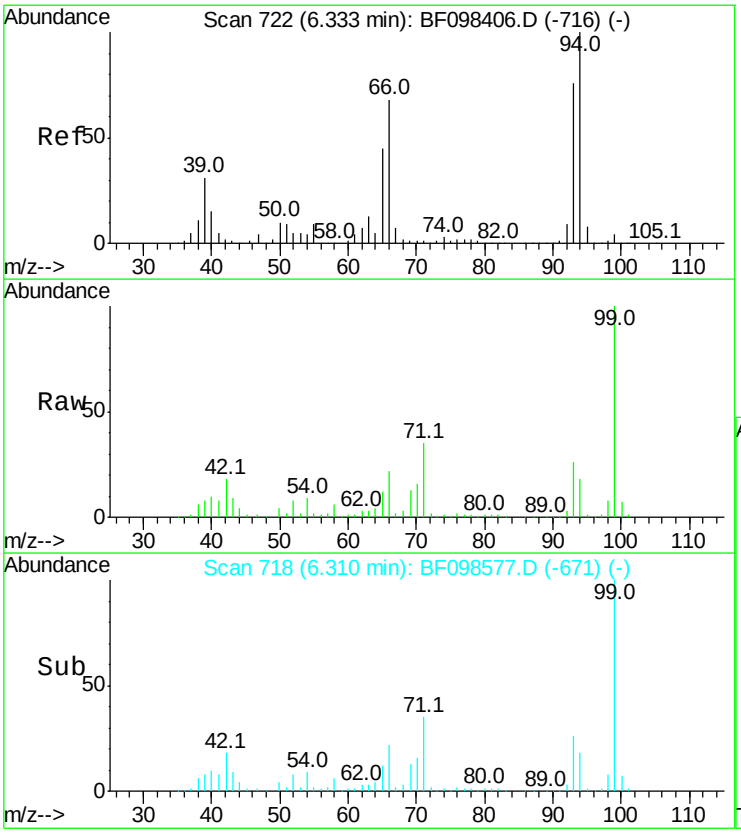
#5
2-Fluorophenol
Concen: 110.897 ng
RT: 5.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:112 Resp: 1099727

Ion	Ratio	Lower	Upper
112	100		
64	64.3	46.0	69.0
63	33.0	23.4	35.0

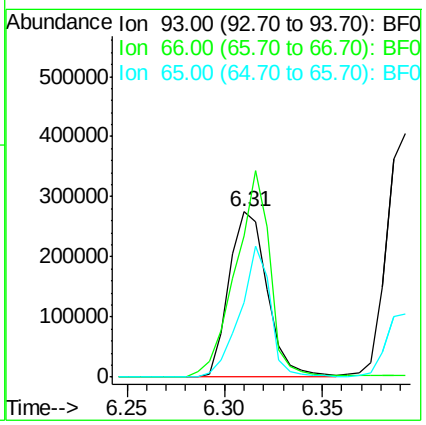


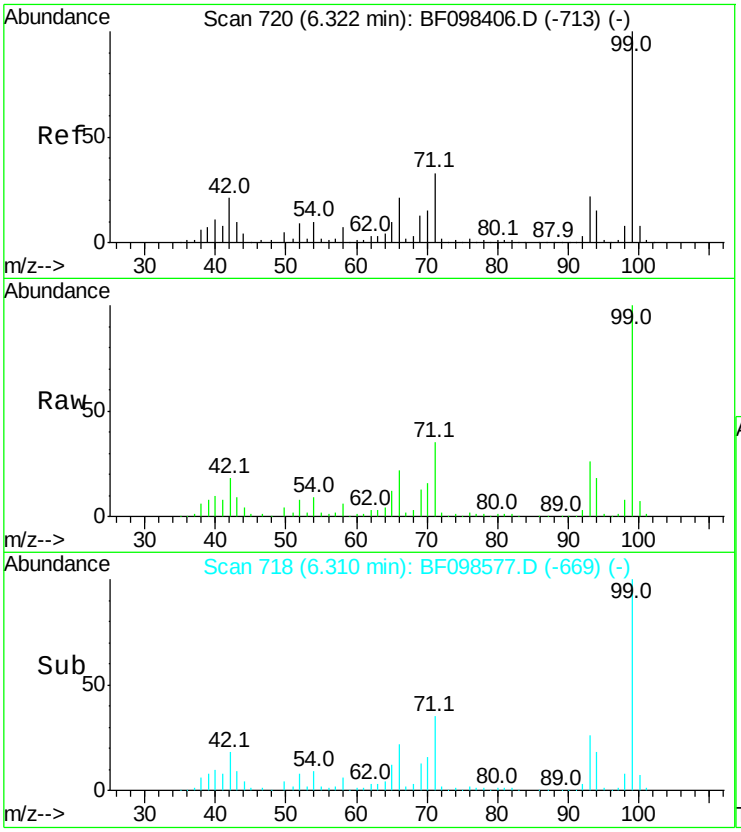


#6
Aniline
Concen: 23.665 ng
RT: 6.31 min Scan# 718
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion: 93 Resp: 373800

Ion	Ratio	Lower	Upper
93	100		
66	85.5	32.9	49.3#
65	44.9	16.0	24.0#



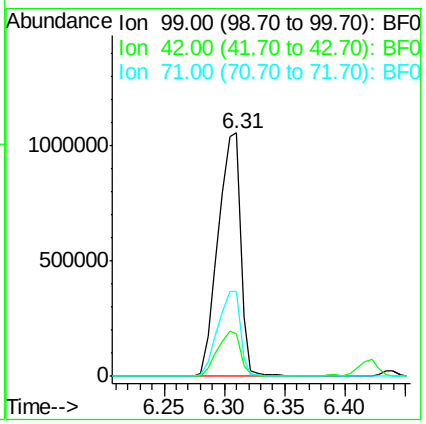


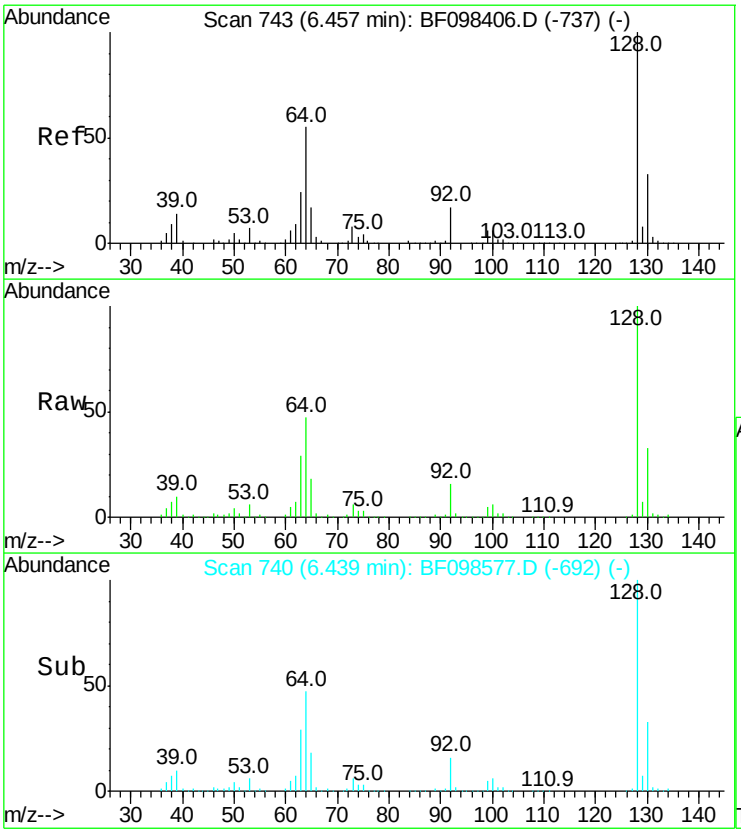
#7
Phenol-d6
Concen: 108.385 ng
RT: 6.31 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion: 99 Resp: 1364660

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.5	20.3
71	34.8	24.5	36.7

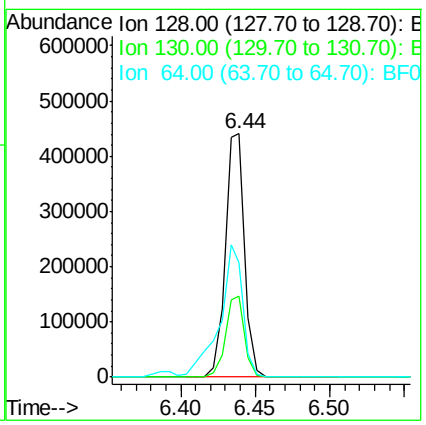


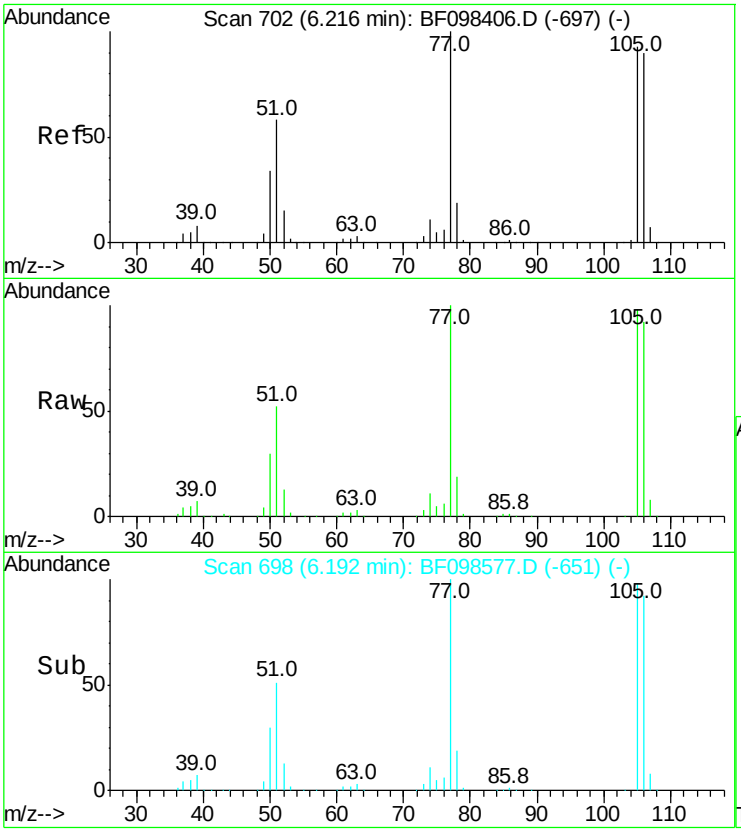


#8
2-Chlorophenol
Concen: 37.016 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:128 Resp: 403647

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.9	52.9
64	47.1	28.4	68.4



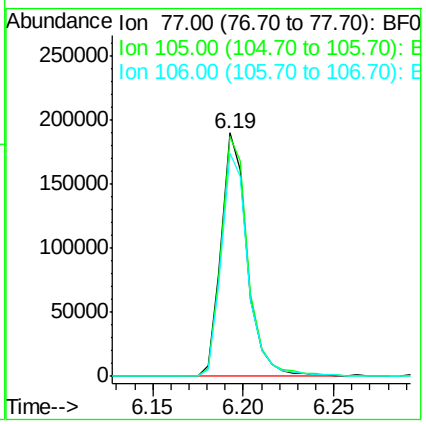


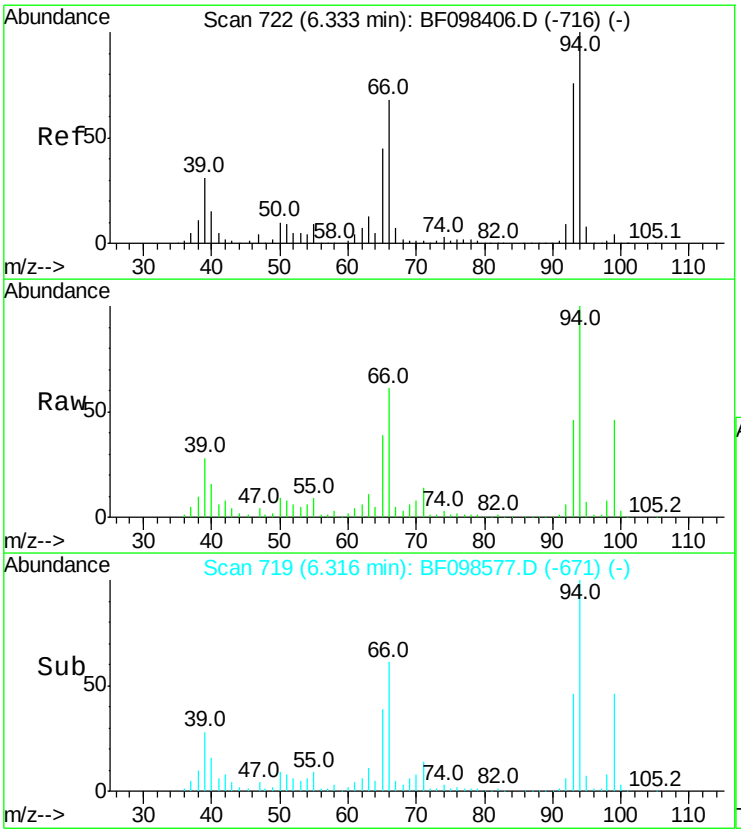
#9
Benzaldehyde
Concen: 23.211 ng
RT: 6.19 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion: 77 Resp: 191042

Ion	Ratio	Lower	Upper
77	100		
105	98.3	83.8	123.8
106	91.8	79.1	119.1

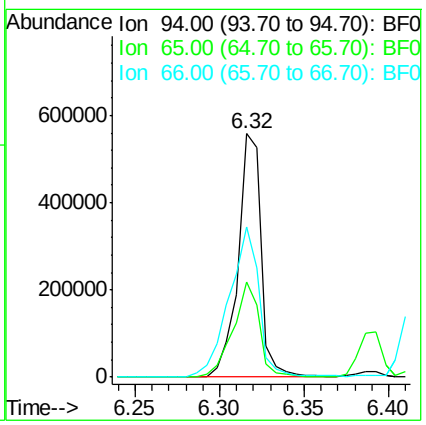


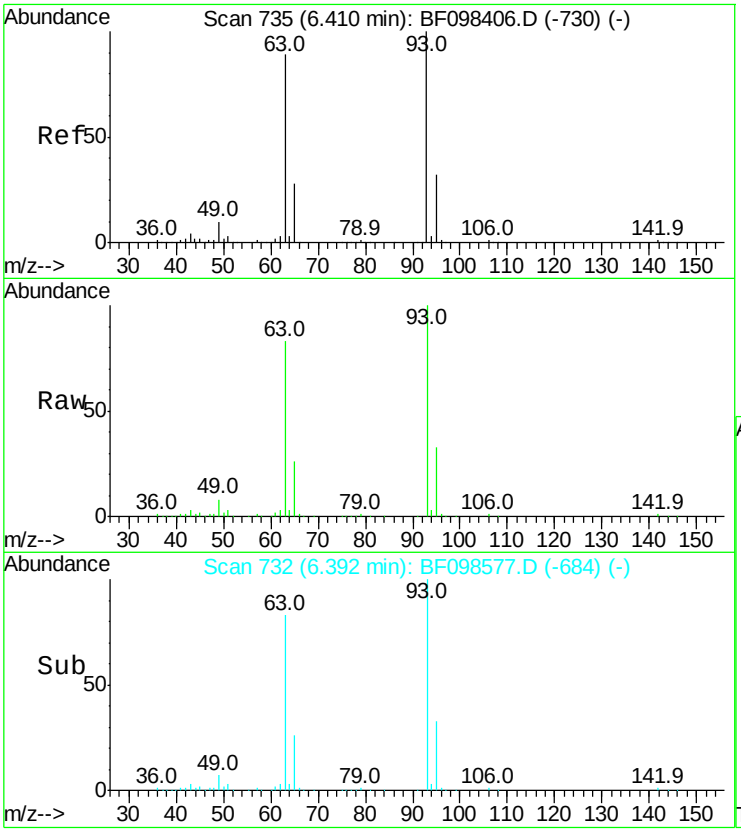


#10
Phenol
Concen: 36.370 ng
RT: 6.32 min Scan# 719
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion: 94 Resp: 531890

Ion	Ratio	Lower	Upper
94	100		
65	39.1	9.9	49.9
66	61.5	23.1	63.1



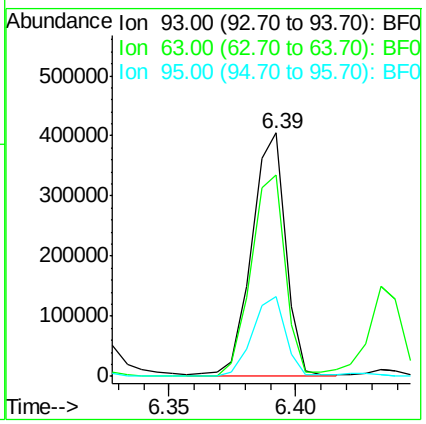


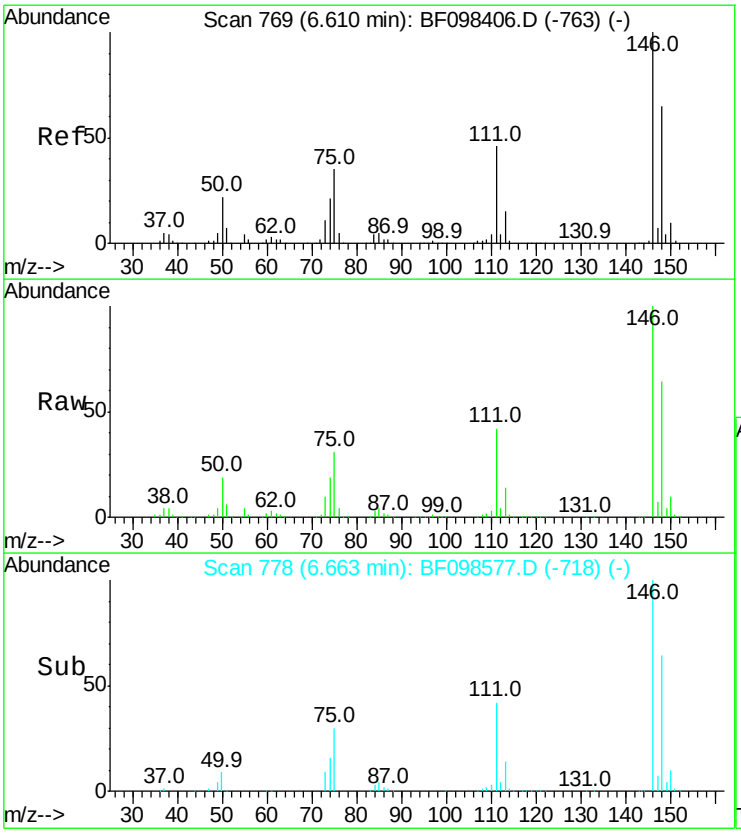
#11
bis(2-Chloroethyl)ether
Concen: 34.706 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion: 93 Resp: 382676

Ion	Ratio	Lower	Upper
93	100		
63	82.6	59.2	99.2
95	32.8	12.8	52.8

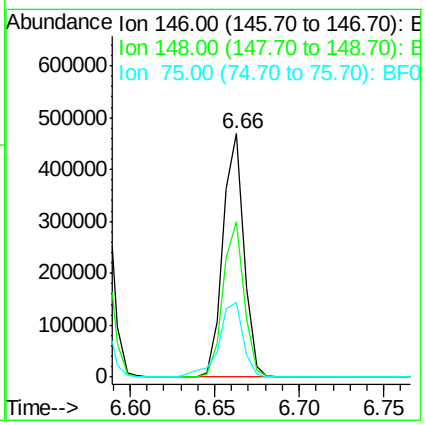


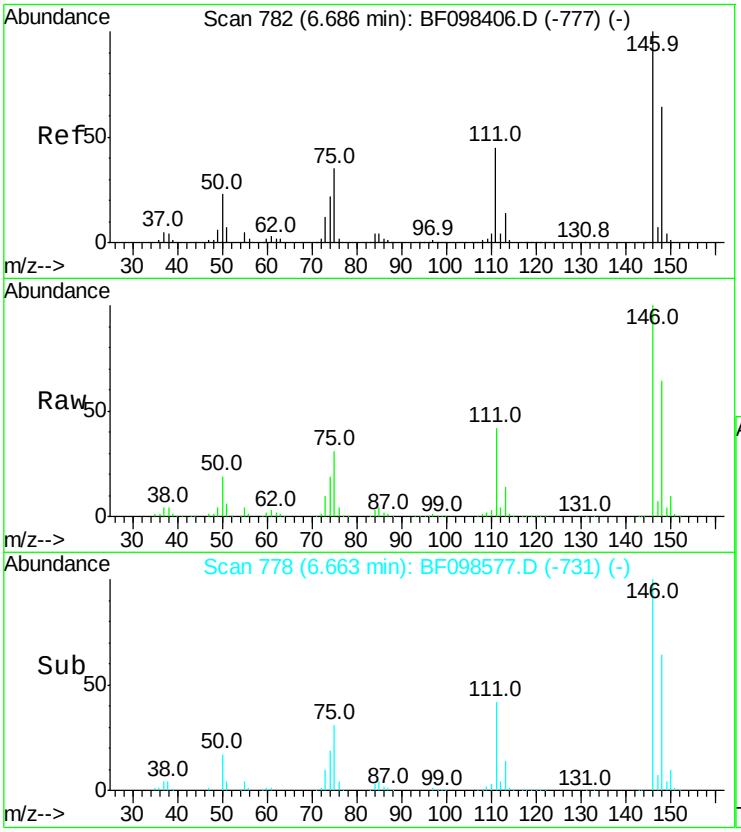


#12
1,3-Dichlorobenzene
Concen: 36.919 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.05 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:146 Resp: 405204

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.6
75	30.8	23.1	34.7



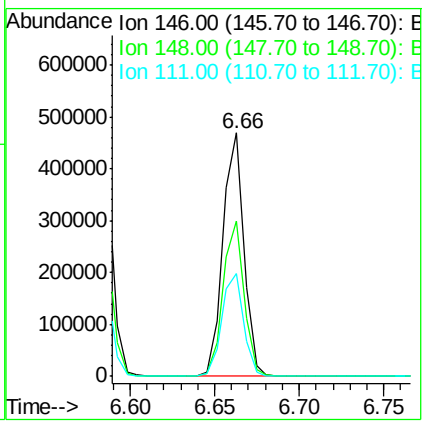


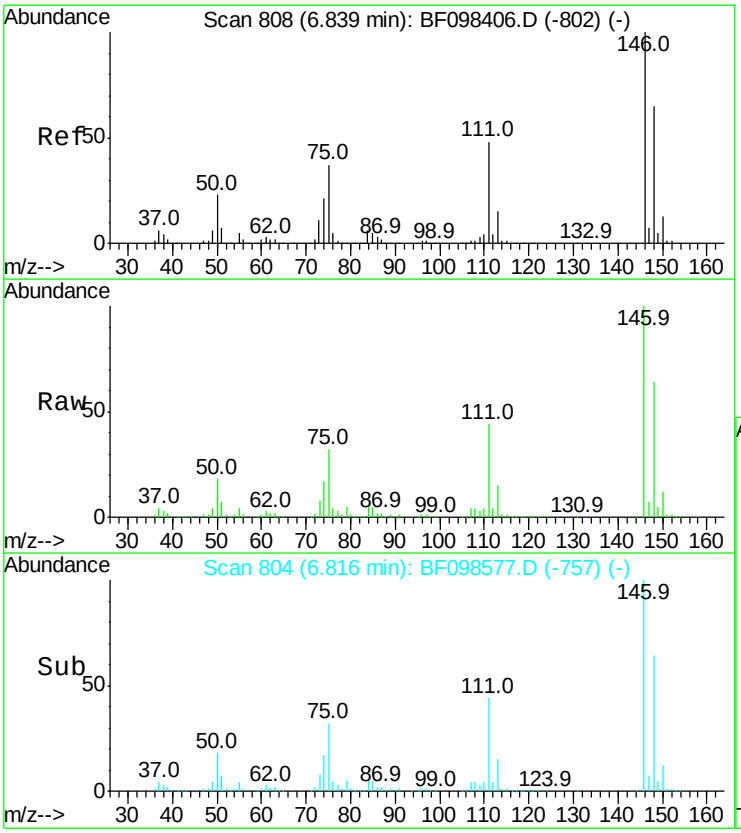
#13
1,4-Dichlorobenzene
Concen: 36.042 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:146 Resp: 405204

Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.2	78.2
111	42.3	30.3	45.5

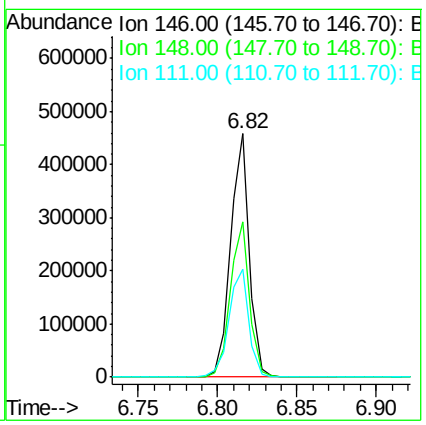


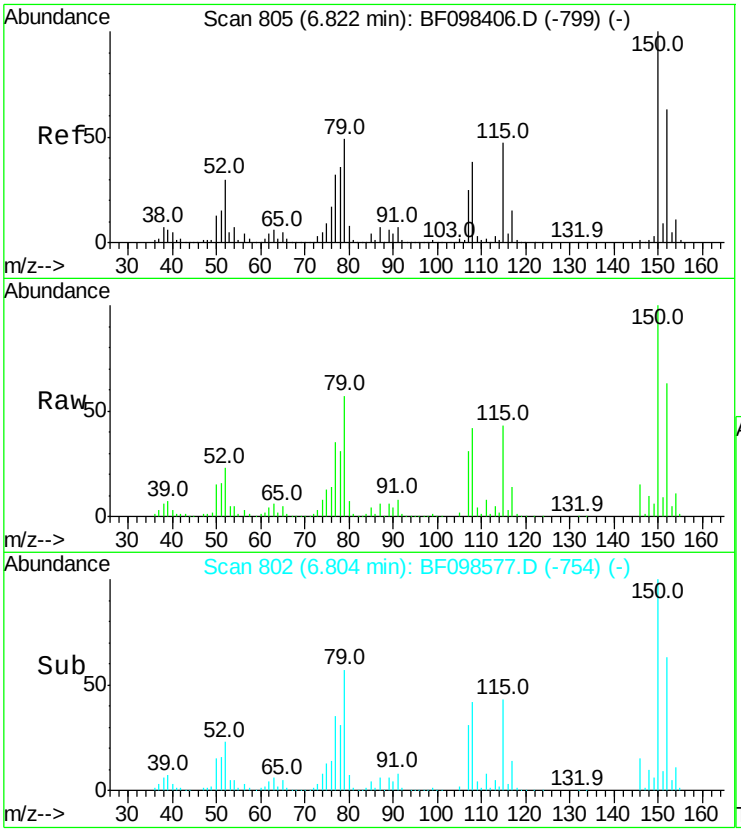


#14
1,2-Dichlorobenzene
Concen: 36.599 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:146 Resp: 374863

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.4	75.6
111	44.3	38.2	57.4



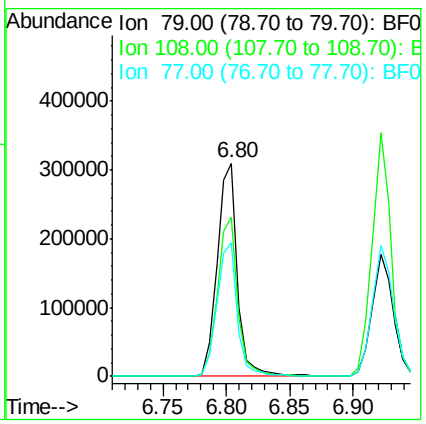


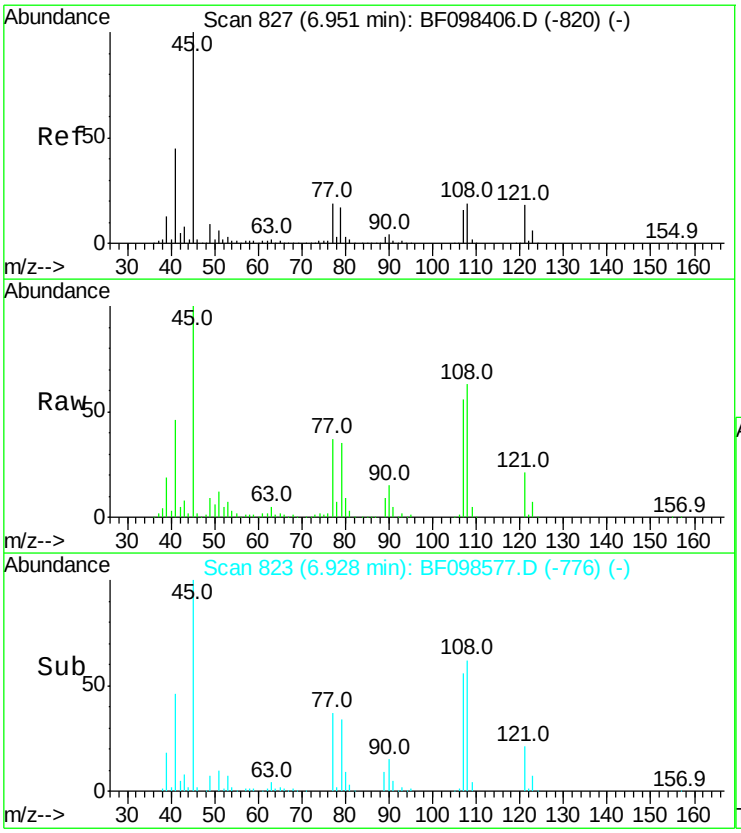
#15
Benzyl Alcohol
Concen: 41.223 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion: 79 Resp: 345426

Ion	Ratio	Lower	Upper
79	100		
108	74.9	63.4	95.0
77	62.8	49.2	73.8

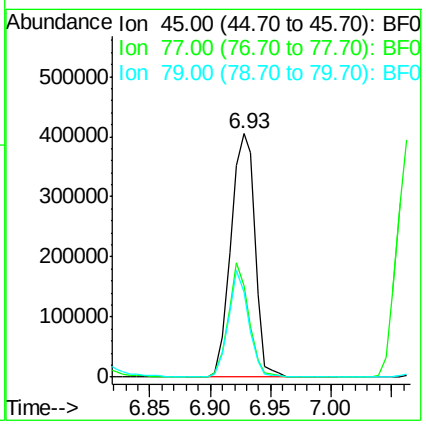


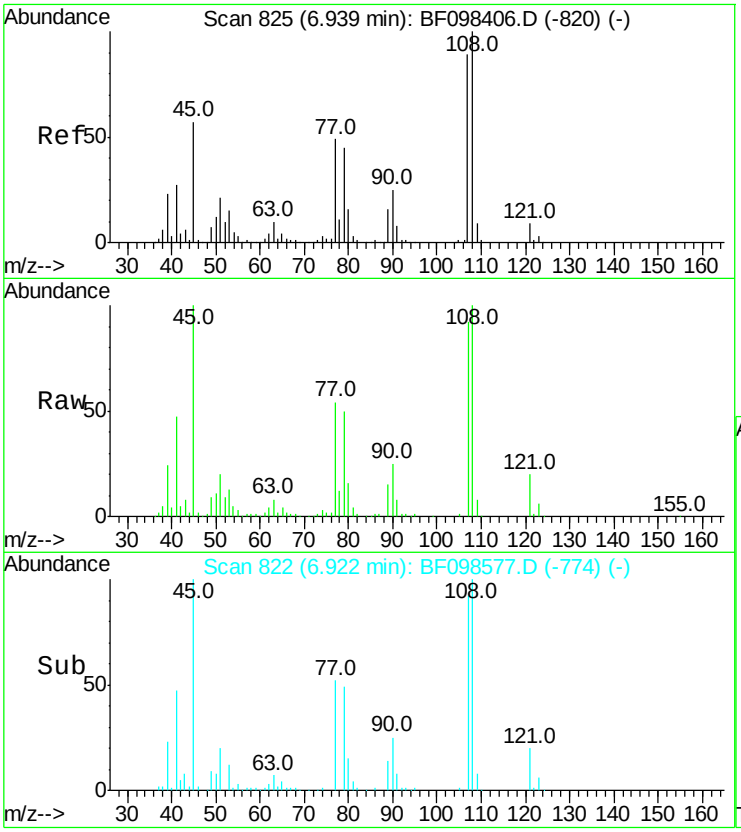


#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.926 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion: 45 Resp: 561060

Ion	Ratio	Lower	Upper
45	100		
77	37.4	0.0	33.2#
79	34.8	0.0	30.0#



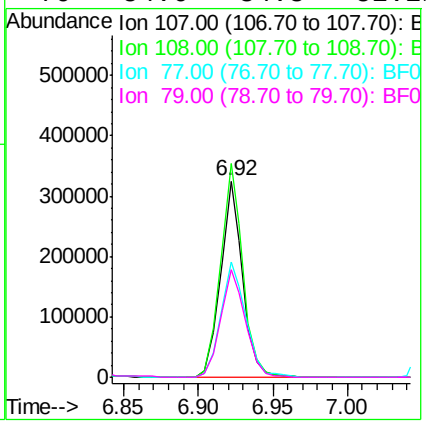


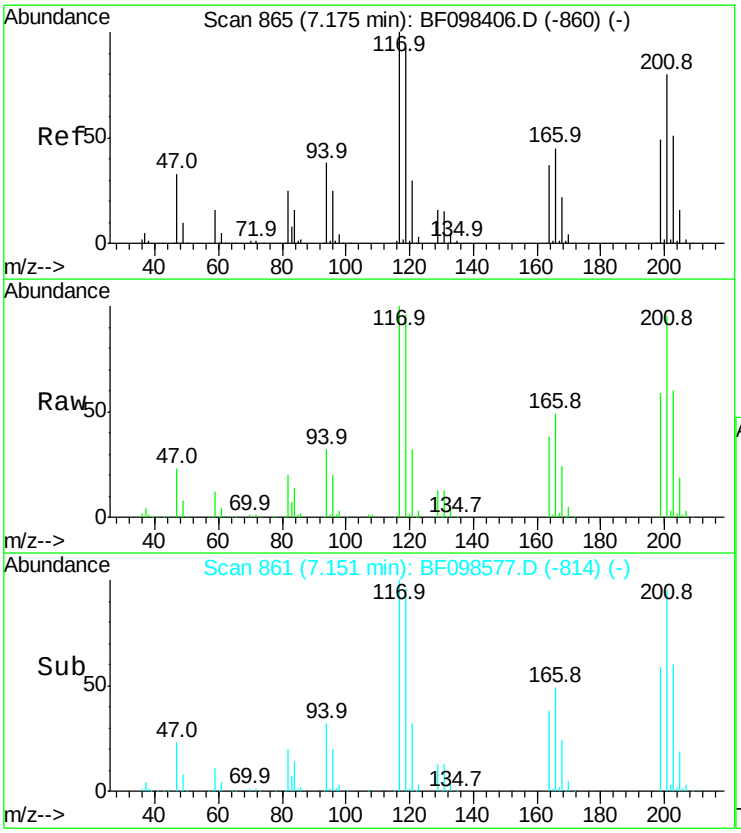
#17
2-Methylphenol
Concen: 37.958 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:107 Resp: 337519

Ion	Ratio	Lower	Upper
107	100		
108	108.9	93.4	140.0
77	58.7	35.8	53.6#
79	54.6	34.8	52.2#

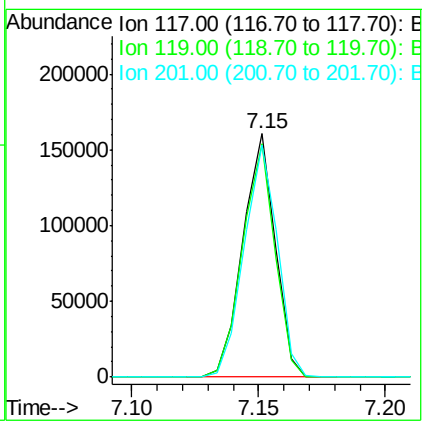


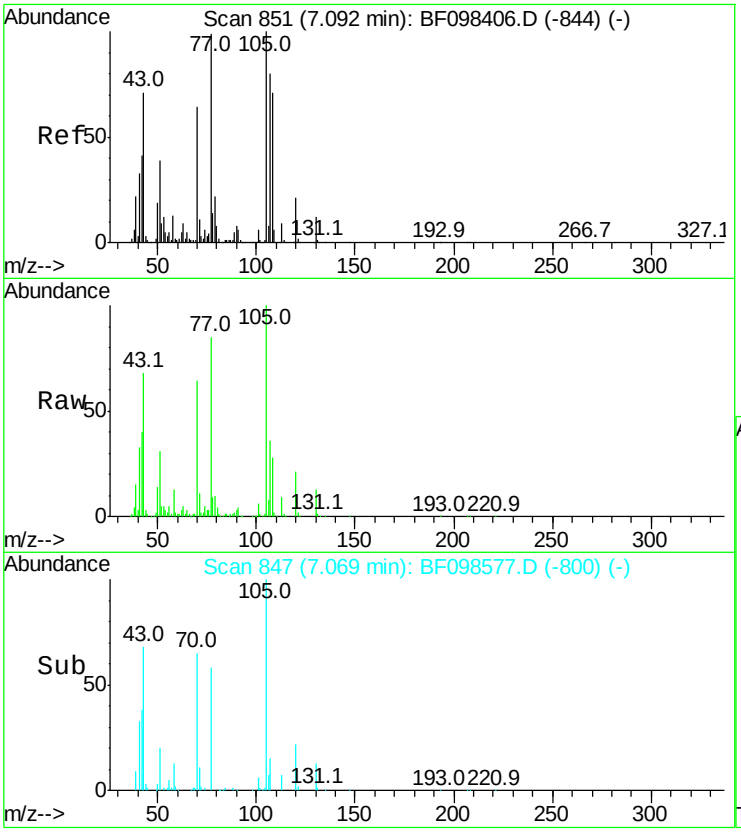


#18
Hexachloroethane
Concen: 33.259 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:117 Resp: 143195

Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.4	116.0
201	95.2	94.6	141.8



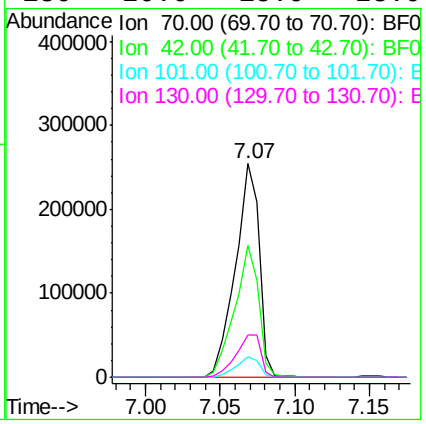


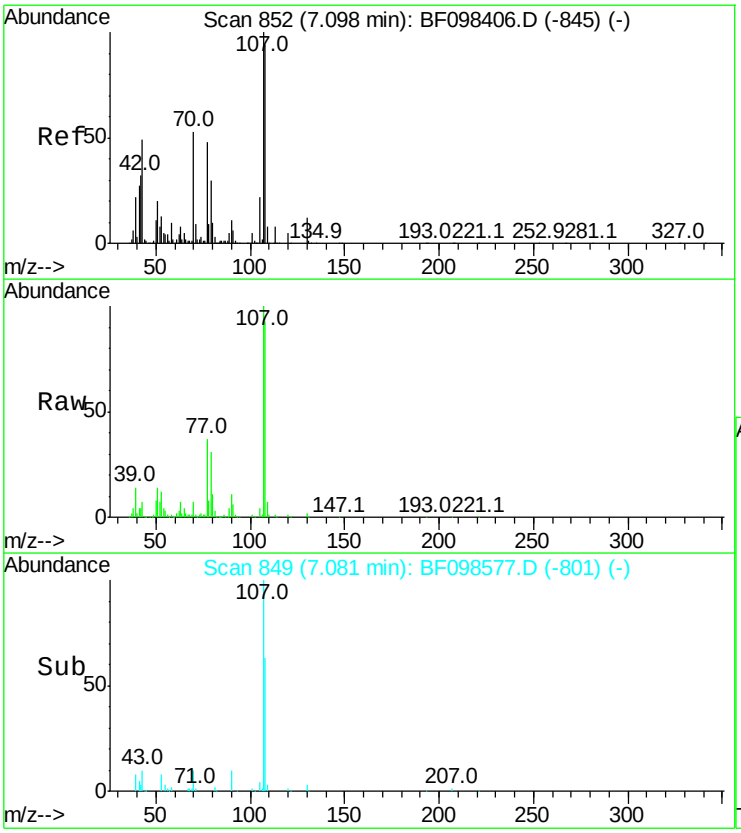
#19
n-Nitroso-di-n-propylamine
Concen: 35.930 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion: 70 Resp: 284556

Ion	Ratio	Lower	Upper
70	100		
42	61.5	47.2	70.8
101	9.6	7.2	10.8
130	20.0	15.9	23.9

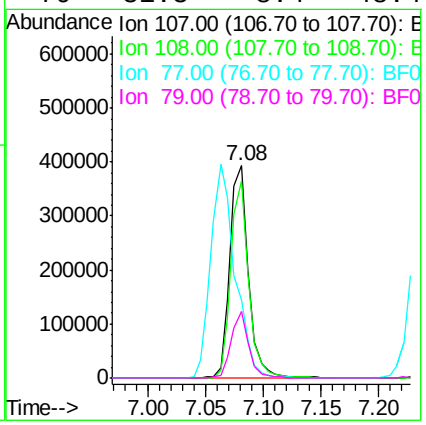


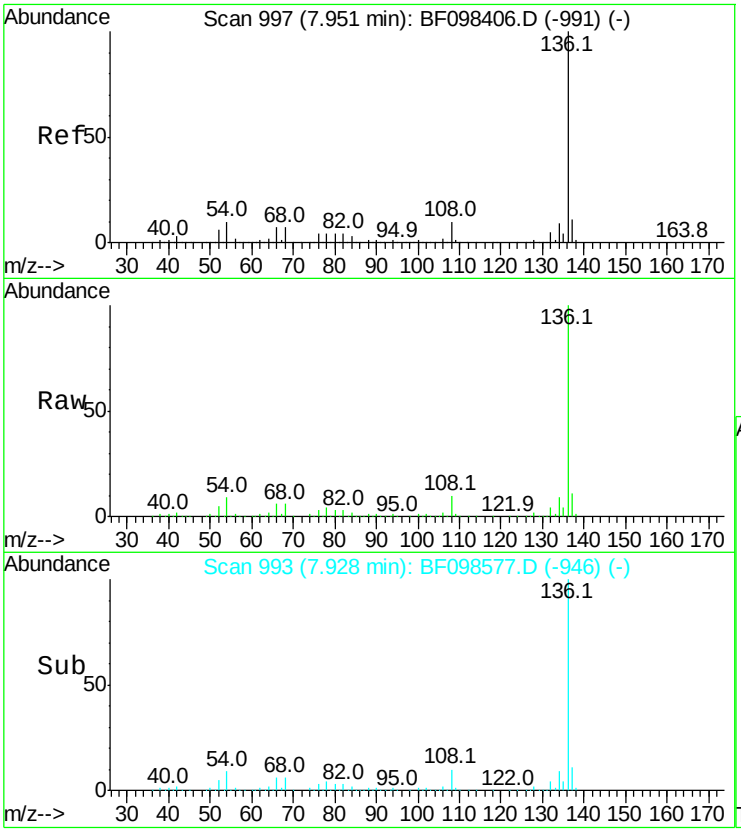


#20
3+4-Methylphenols
Concen: 39.232 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:107 Resp: 440231

Ion	Ratio	Lower	Upper
107	100		
108	92.8	71.0	111.0
77	36.9	90.5	130.5#
79	31.3	8.4	48.4



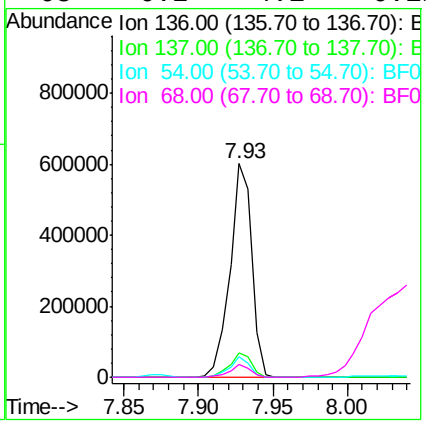


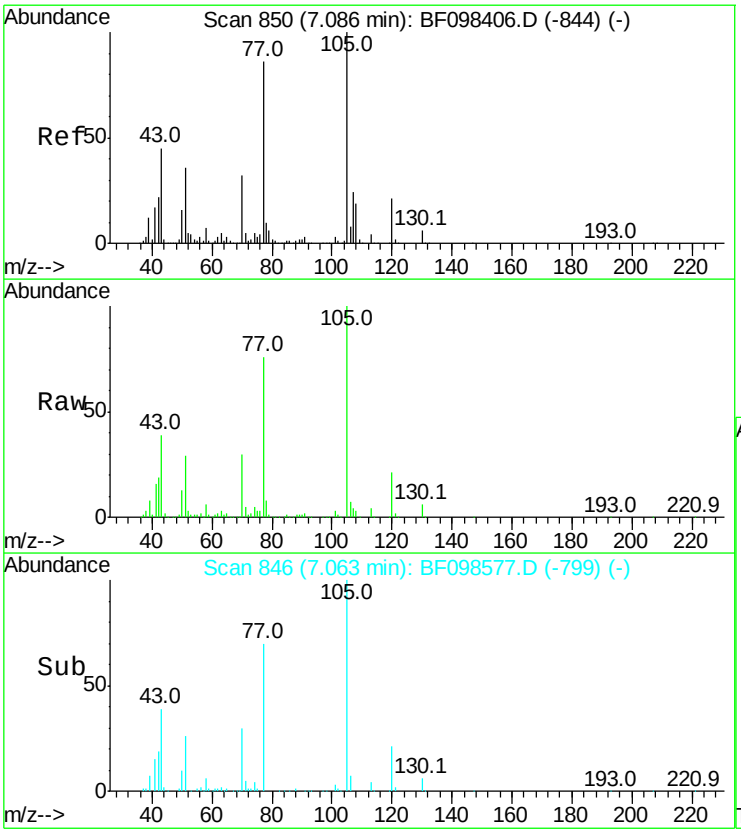
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:136 Resp: 618282

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	9.3	4.9	7.3#
68	6.2	4.1	6.1#

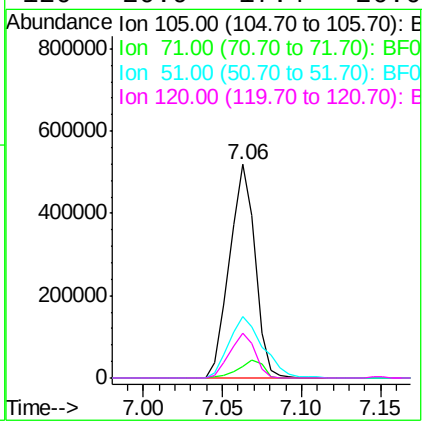


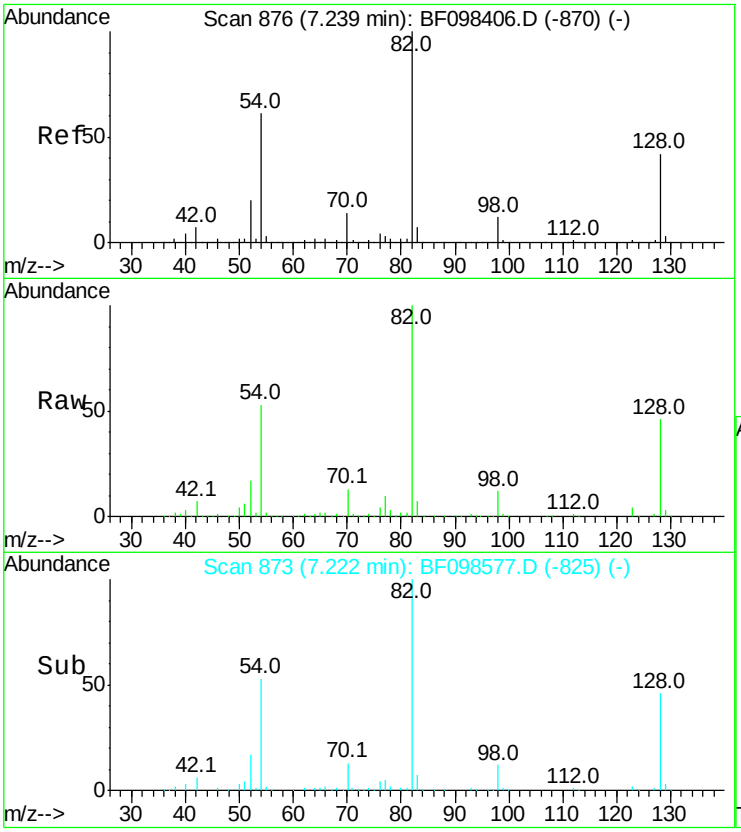


#22
Acetophenone
Concen: 36.231 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:105 Resp: 578965

Ion	Ratio	Lower	Upper
105	100		
71	5.1	2.8	4.2#
51	28.6	30.7	46.1#
120	20.9	17.4	26.0



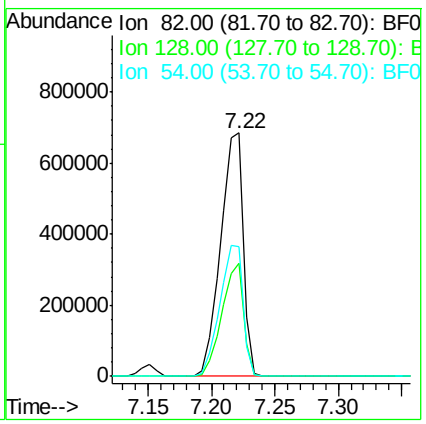


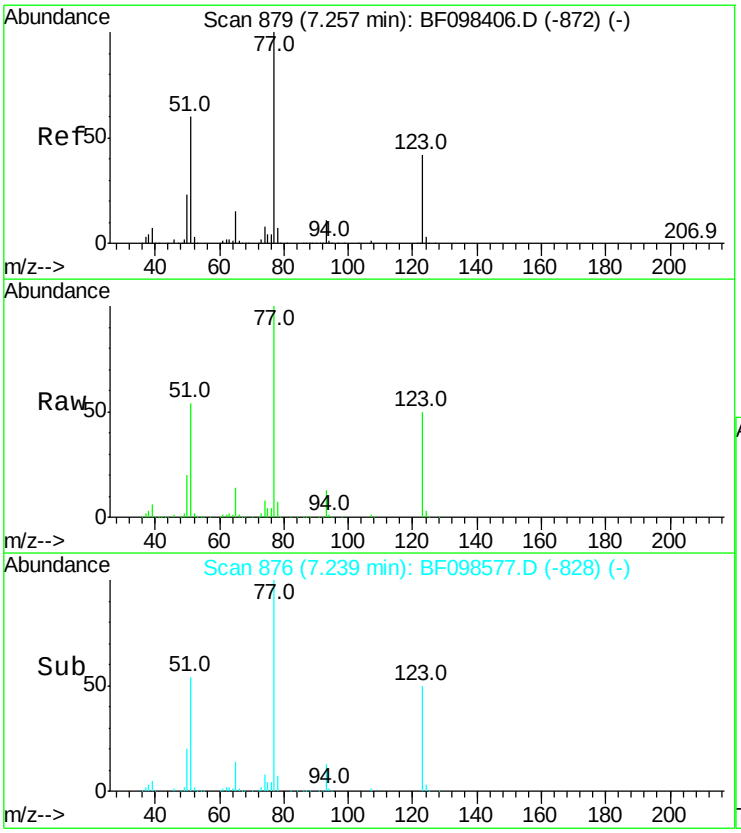
#23
Nitrobenzene-d5
Concen: 76.592 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion: 82 Resp: 849433

Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.0	51.0
54	53.4	42.2	63.2

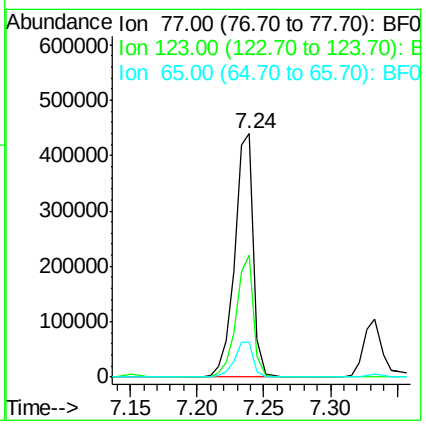


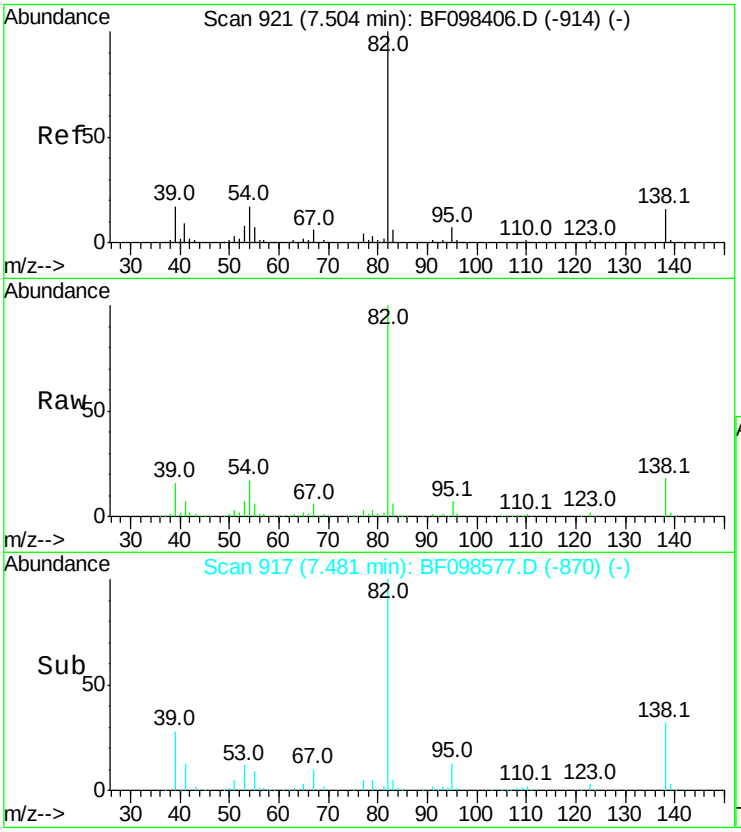


#24
Nitrobenzene
Concen: 34.231 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion: 77 Resp: 432430

Ion	Ratio	Lower	Upper
77	100		
123	50.0	35.8	53.8
65	14.3	10.6	15.8



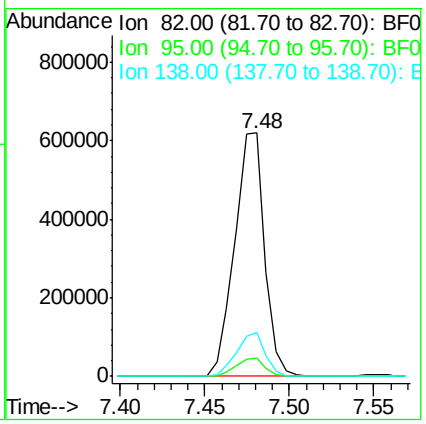


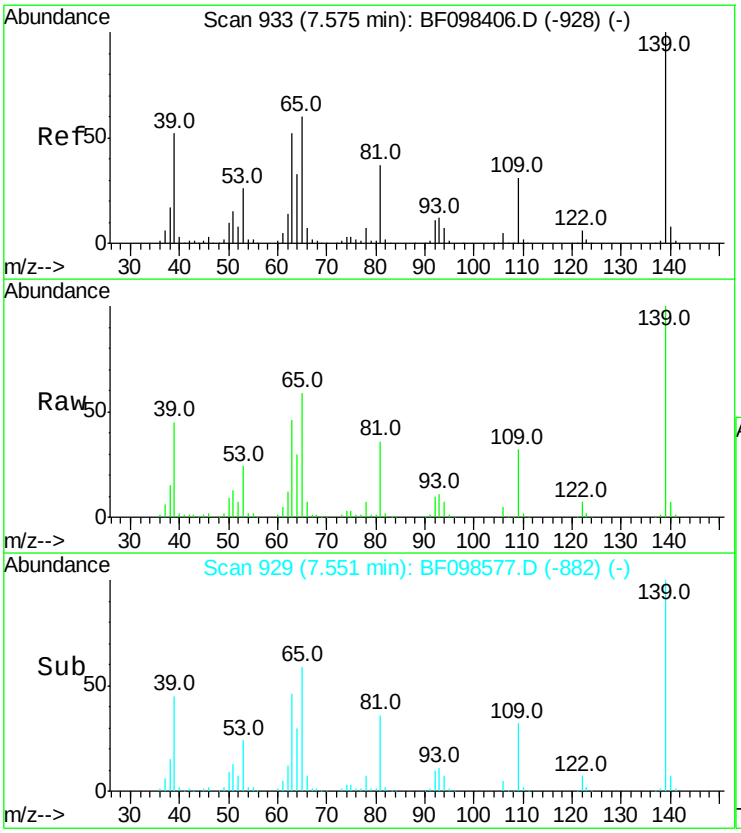
#25
Isophorone
Concen: 34.171 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion: 82 Resp: 766758

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.3	7.9
138	17.9	13.1	19.7

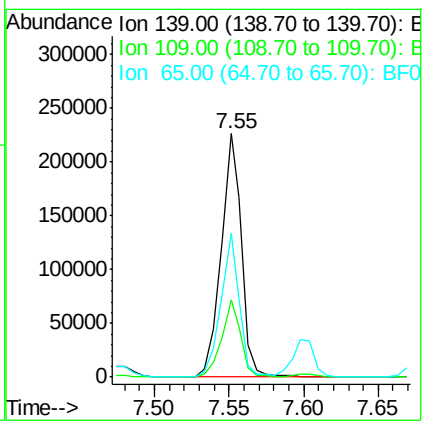


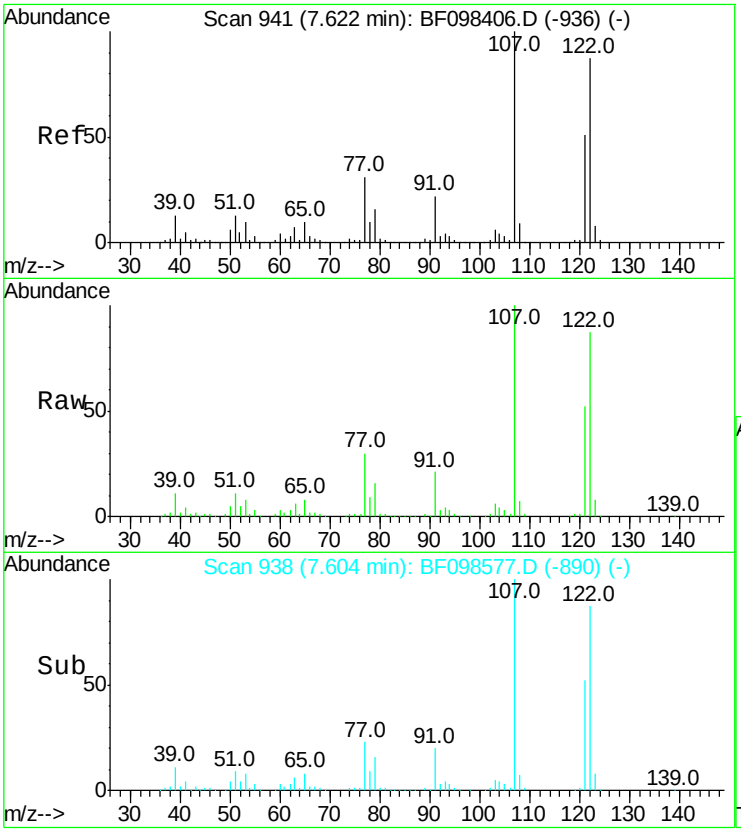


#26
2-Nitrophenol
Concen: 42.758 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:139 Resp: 218087

Ion	Ratio	Lower	Upper
139	100		
109	31.8	21.0	31.6#
65	59.1	33.0	49.6#



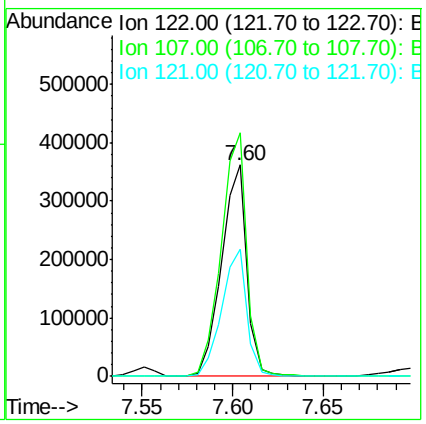


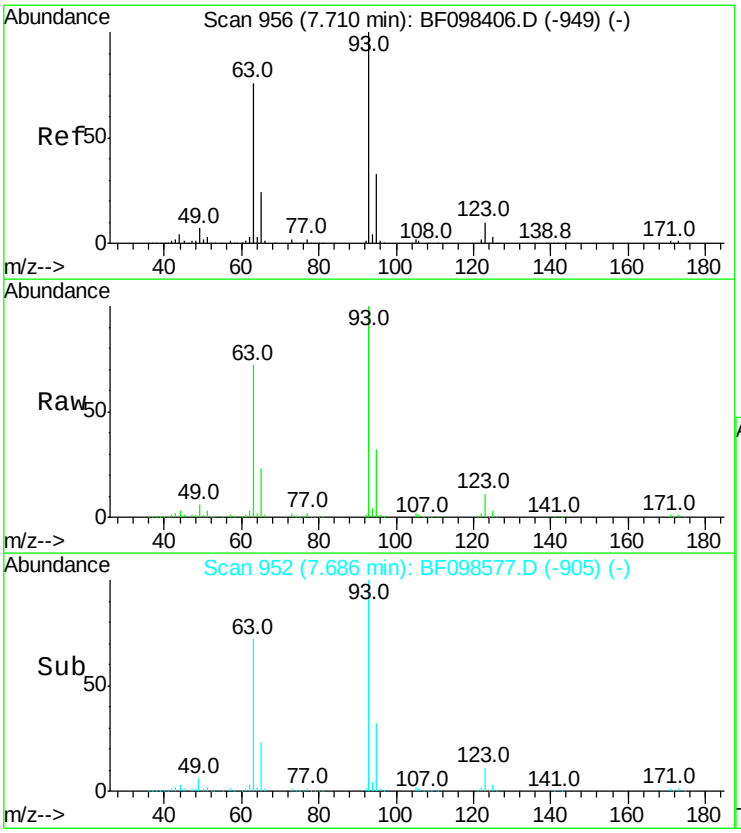
#27
2,4-Dimethylphenol
Concen: 35.998 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:122 Resp: 350012

Ion	Ratio	Lower	Upper
122	100		
107	115.4	89.2	133.8
121	60.1	45.2	67.8

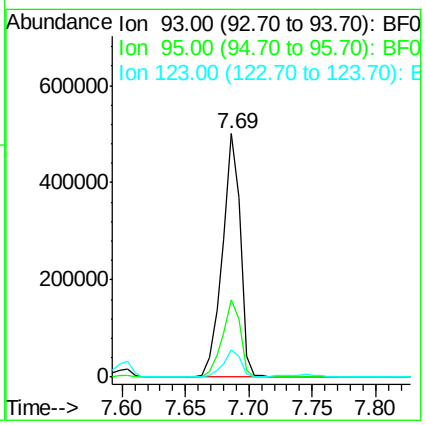


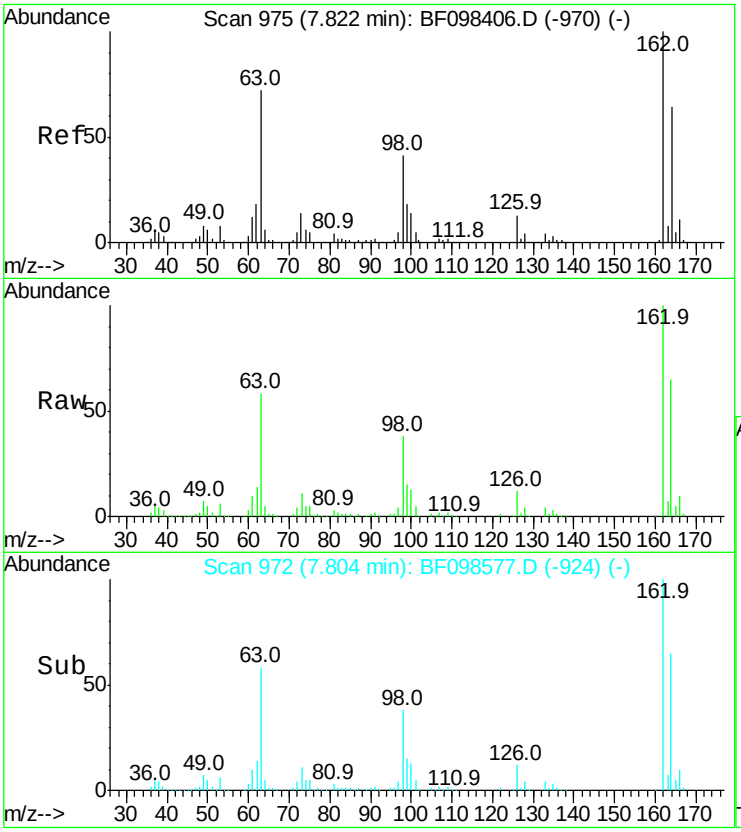


#28
bis(2-Chloroethoxy)methane
Concen: 35.766 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion: 93 Resp: 489696

Ion	Ratio	Lower	Upper
93	100		
95	31.7	26.5	39.7
123	11.2	9.0	13.4



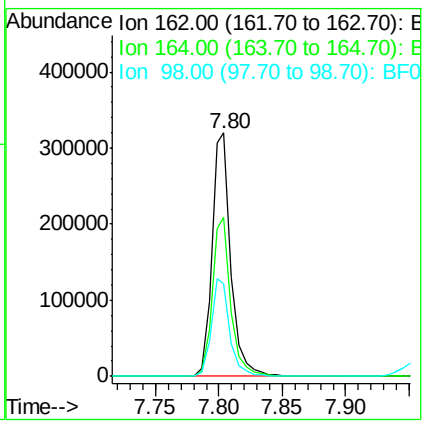


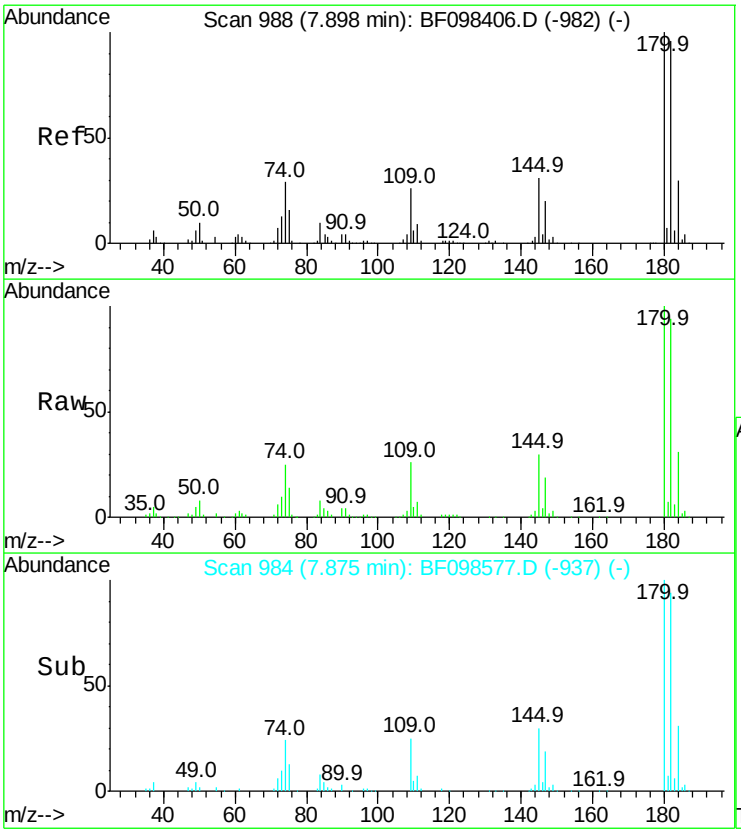
#29
2,4-Dichlorophenol
Concen: 41.286 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:162 Resp: 333864

Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.6	84.6
98	37.8	14.8	54.8

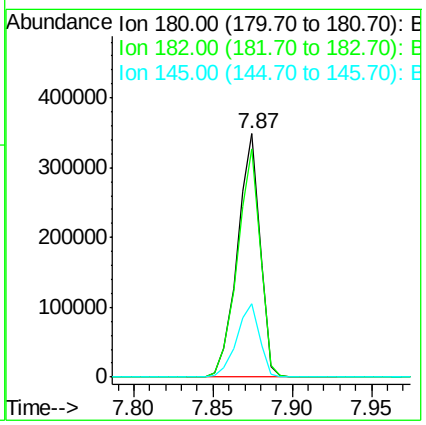


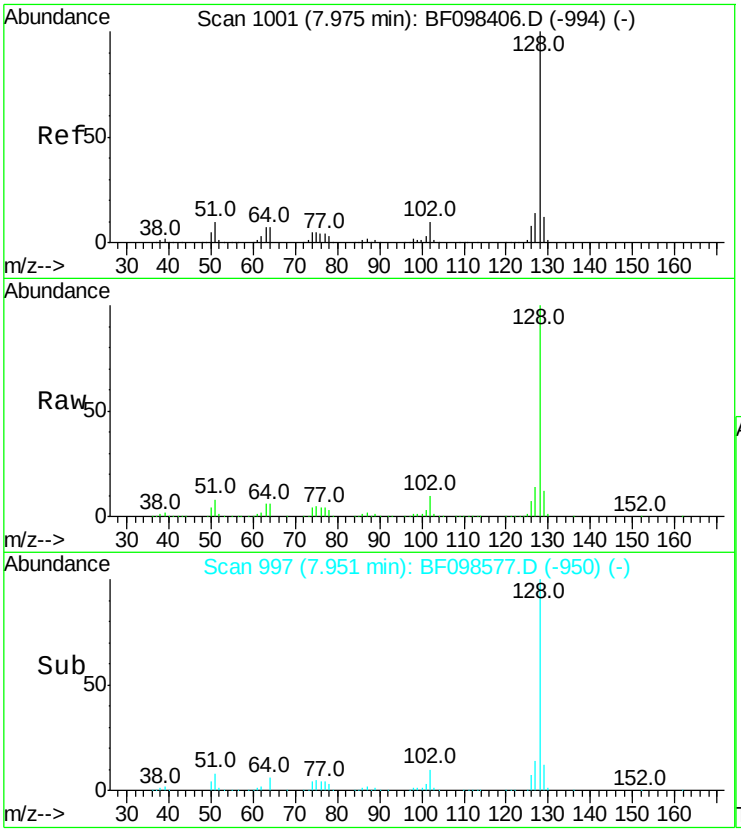


#30
1,2,4-Trichlorobenzene
Concen: 38.913 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:180 Resp: 342305

Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.8	113.6
145	30.3	25.3	37.9



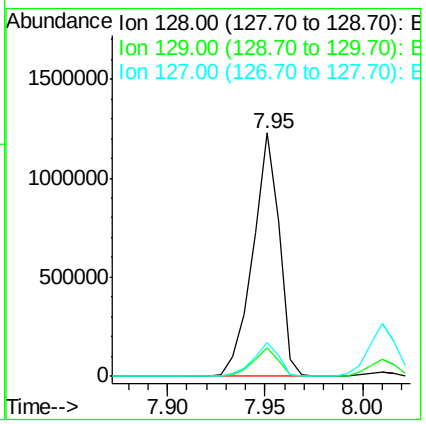


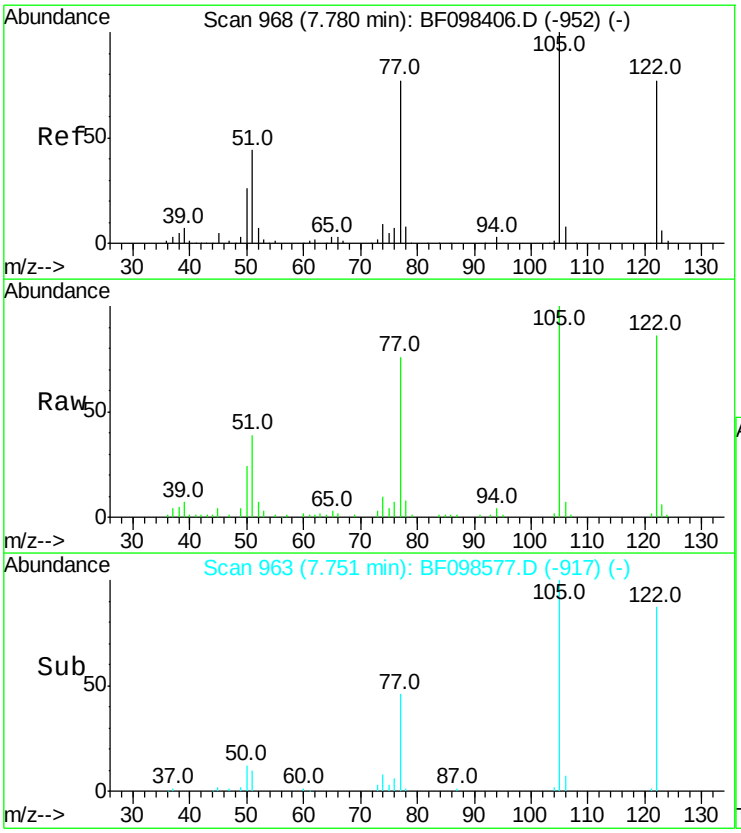
#31
Naphthalene
Concen: 37.631 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:128 Resp: 1150189

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	13.7	10.8	16.2

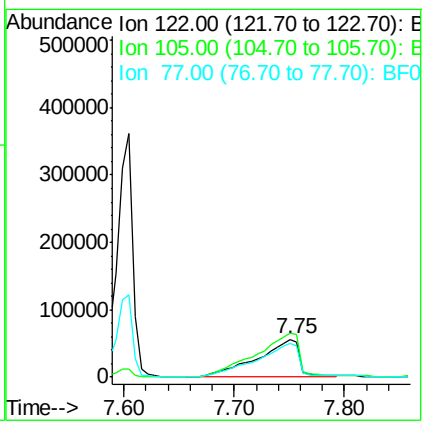


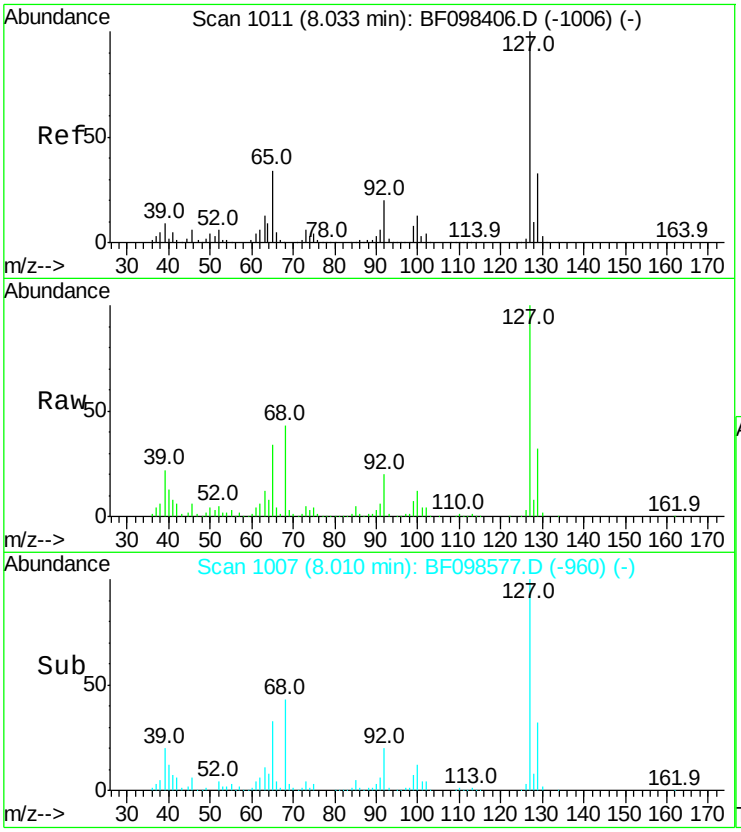


#32
Benzoic acid
Concen: 26.738 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.03 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:122 Resp: 146788

Ion	Ratio	Lower	Upper
122	100		
105	116.1	103.3	143.3
77	88.3	73.7	113.7



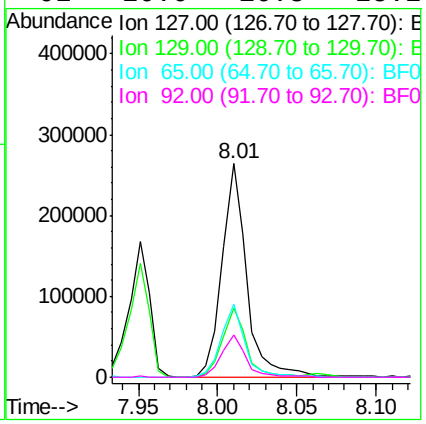


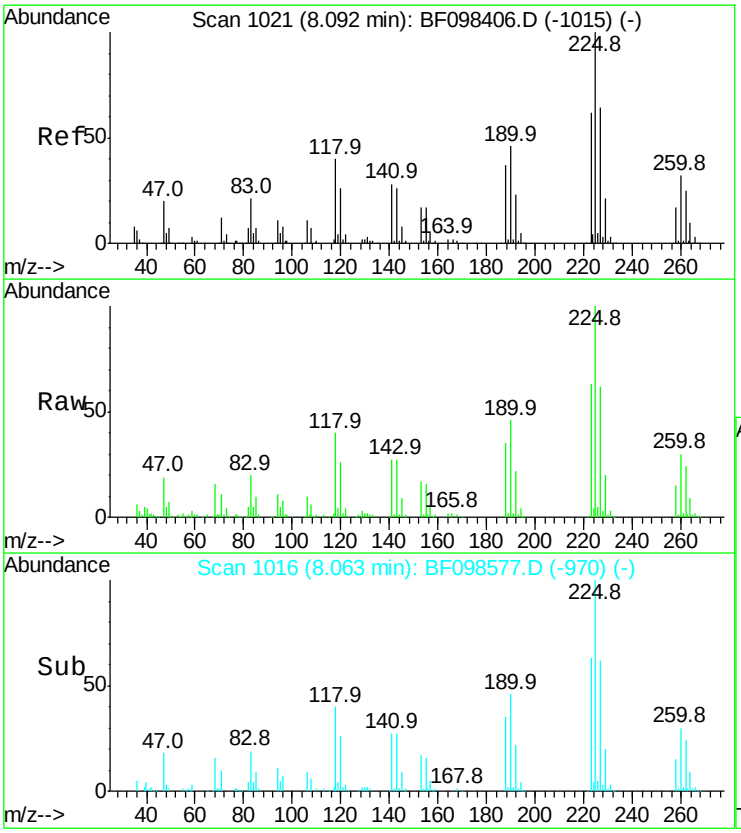
#33
4-Chloroaniline
Concen: 22.837 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:127 Resp: 283680

Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	33.9	27.8	41.8
92	20.0	16.8	25.2

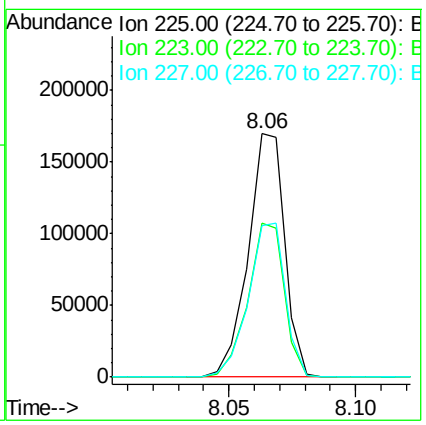


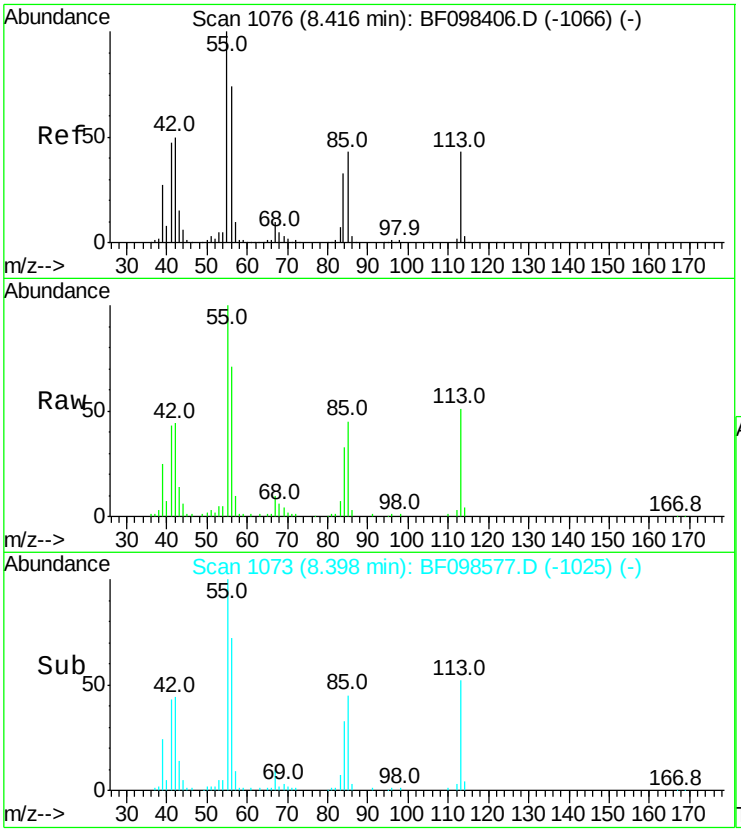


#34
Hexachlorobutadiene
Concen: 37.730 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.03 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:225 Resp: 170383

Ion	Ratio	Lower	Upper
225	100		
223	63.2	48.8	73.2
227	62.2	51.1	76.7



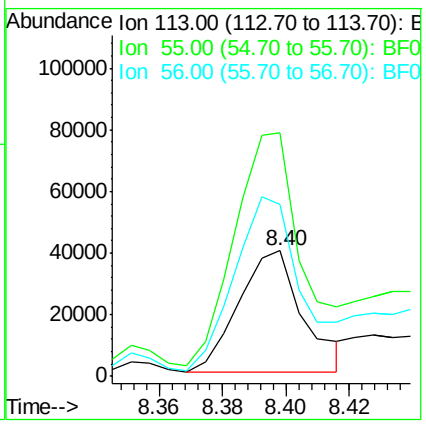


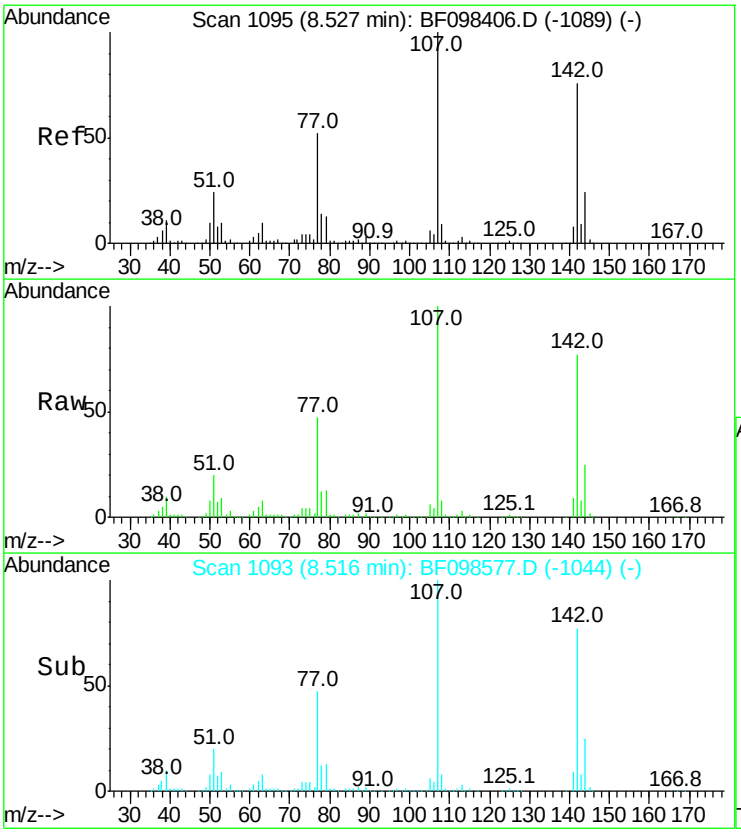
#35
Caprolactam
Concen: 19.866 ng
RT: 8.40 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:113 Resp: 55396

Ion	Ratio	Lower	Upper
113	100		
55	194.3	150.2	190.2#
56	137.5	107.8	147.8

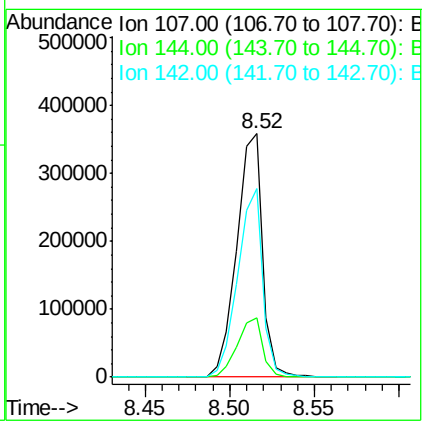


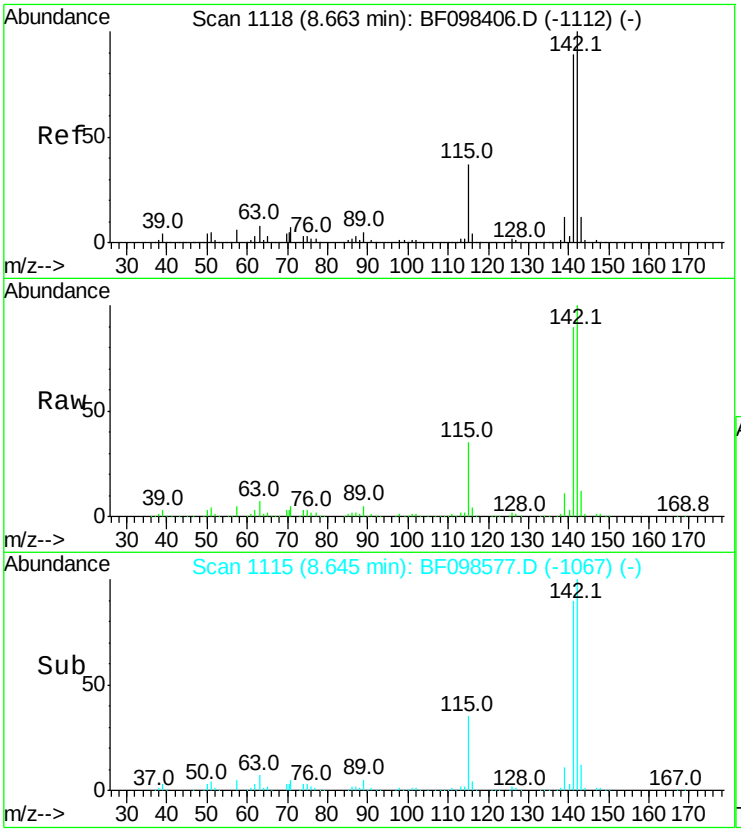


#36
4-Chloro-3-methylphenol
Concen: 38.169 ng
RT: 8.52 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:107 Resp: 382790

Ion	Ratio	Lower	Upper
107	100		
144	24.5	24.2	36.4
142	77.2	73.4	110.0



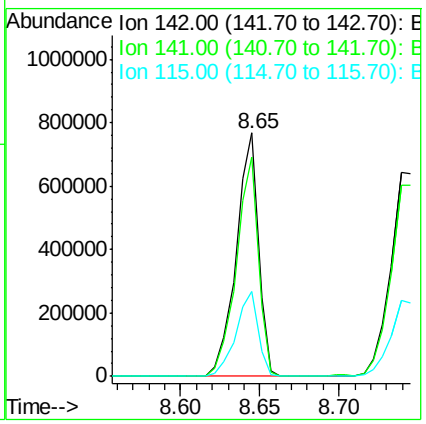


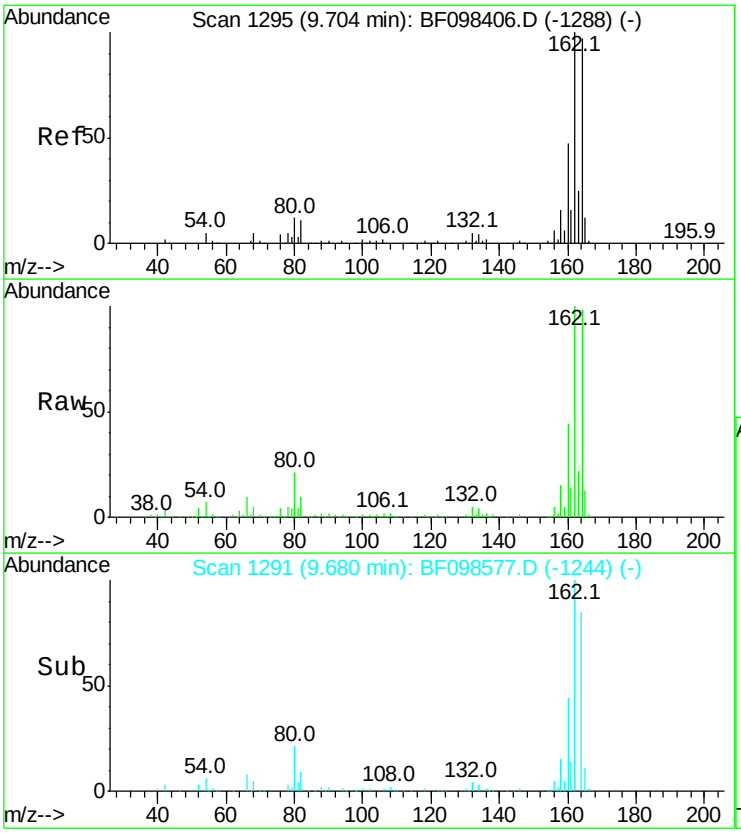
#37
2-Methylnaphthalene
Concen: 40.189 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:142 Resp: 744068

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.3	106.9
115	34.6	27.1	40.7

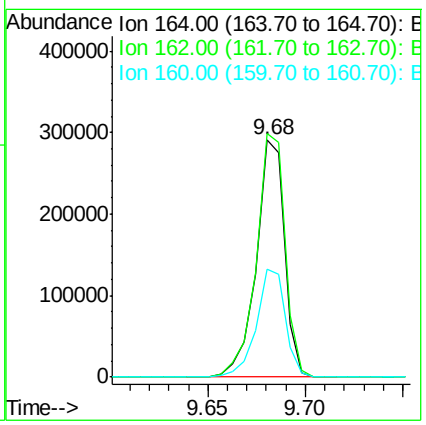


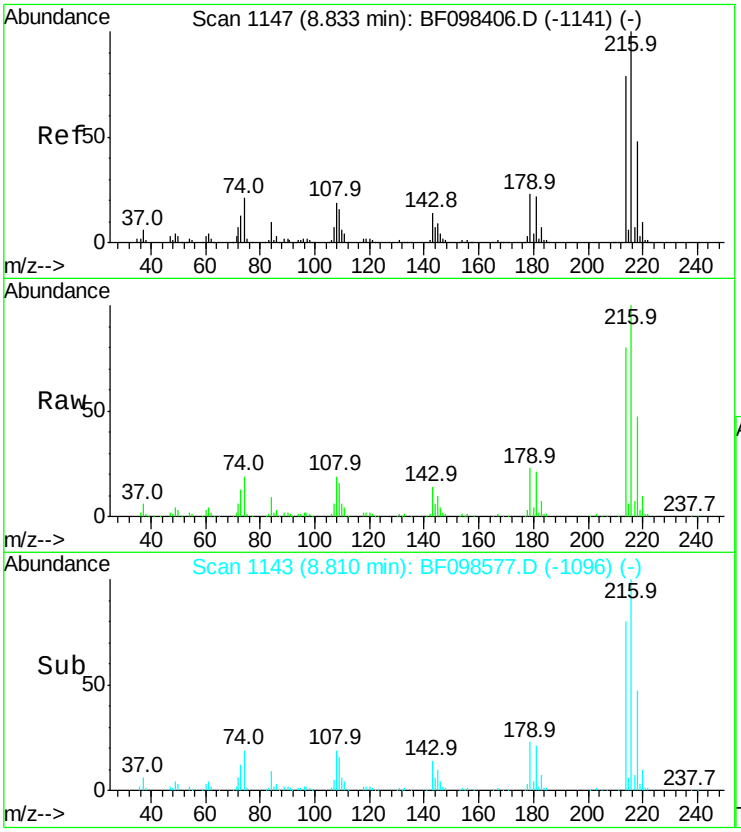


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:164 Resp: 291640

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.6	123.8
160	45.3	36.2	54.2



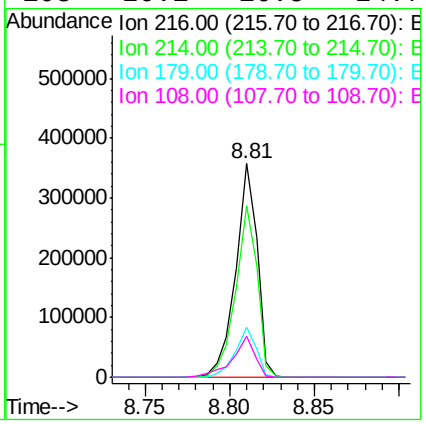


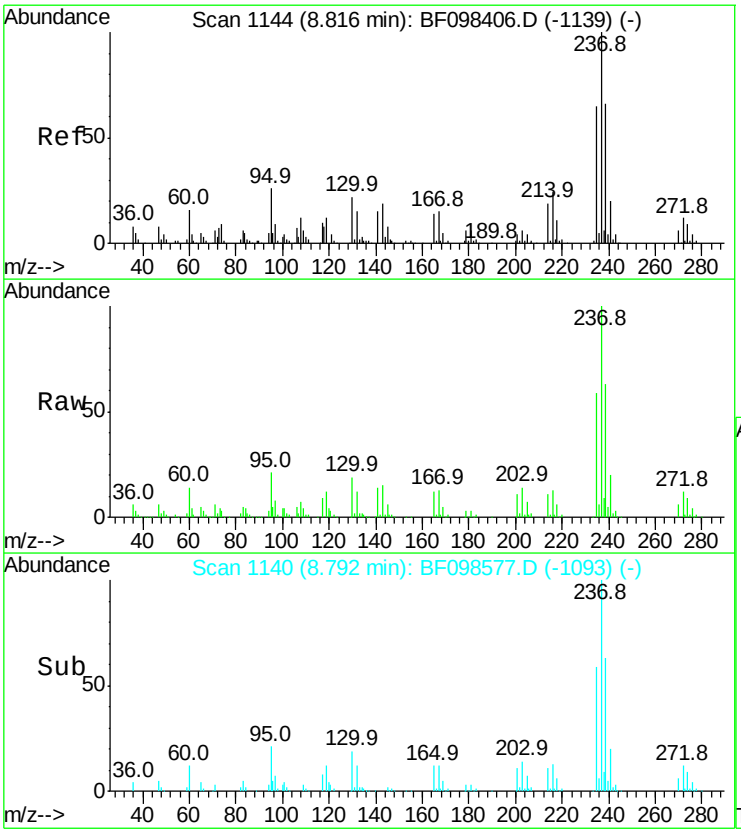
#39
1,2,4,5-Tetrachlorobenzene
Concen: 34.729 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:216 Resp: 315495

Ion	Ratio	Lower	Upper
216	100		
214	80.9	63.4	95.2
179	23.0	17.9	26.9
108	20.1	16.5	24.7

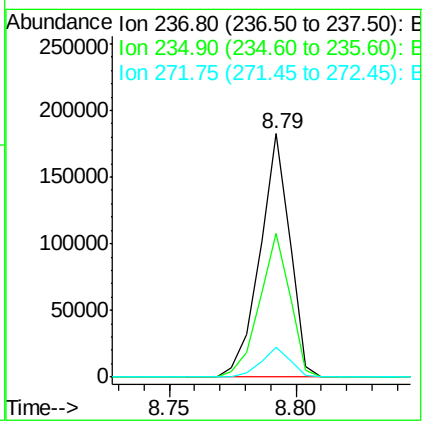


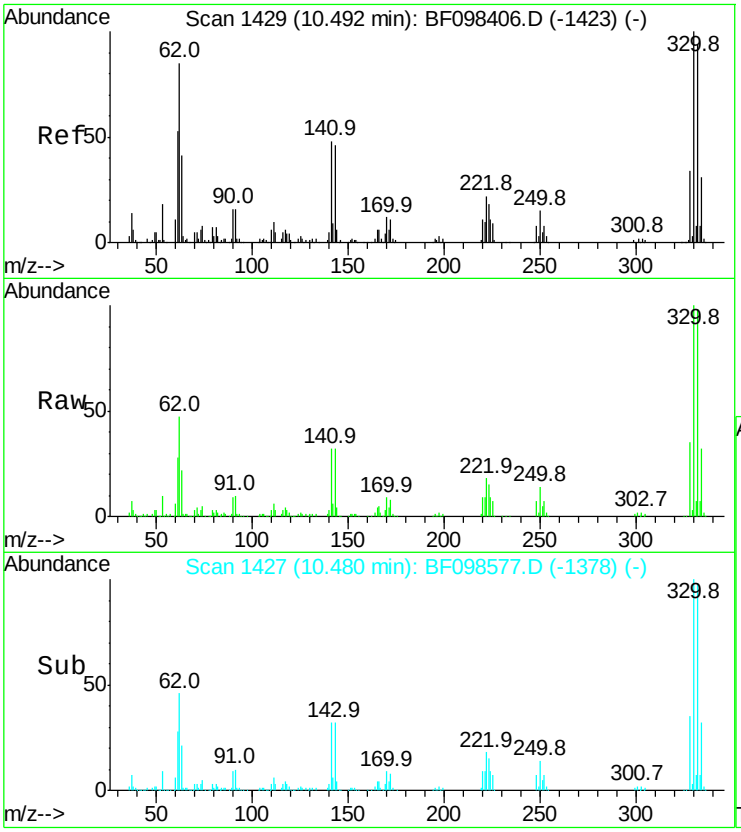


#40
Hexachlorocyclopentadiene
Concen: 59.505 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:237 Resp: 150666

Ion	Ratio	Lower	Upper
237	100		
235	59.2	42.6	82.6
272	12.3	0.0	31.9



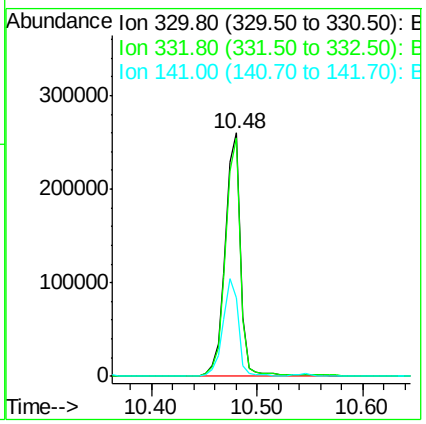


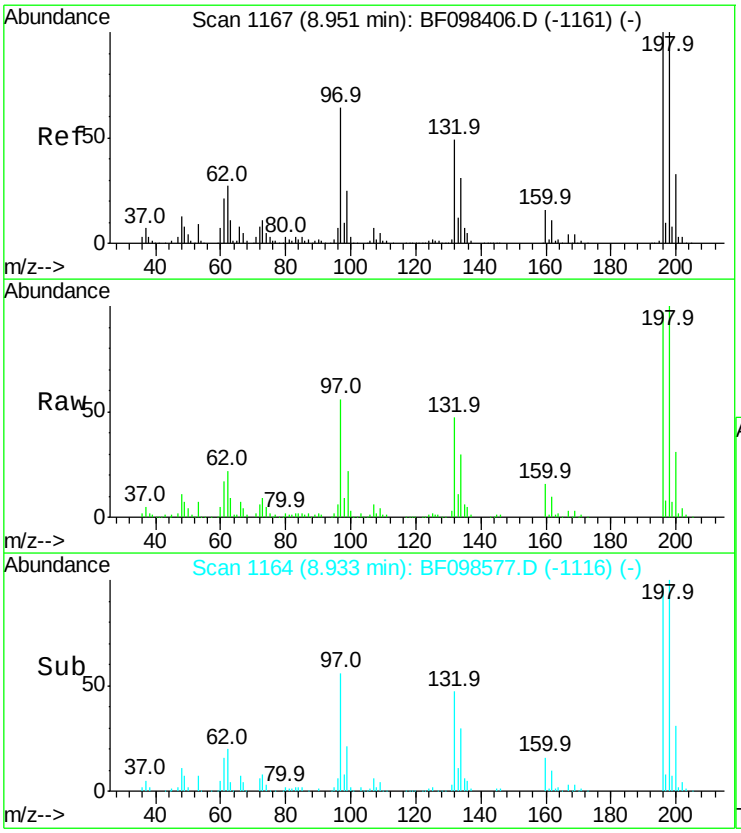
#41
2,4,6-Tribromophenol
Concen: 135.735 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:330 Resp: 264202

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	40.4	31.4	47.2

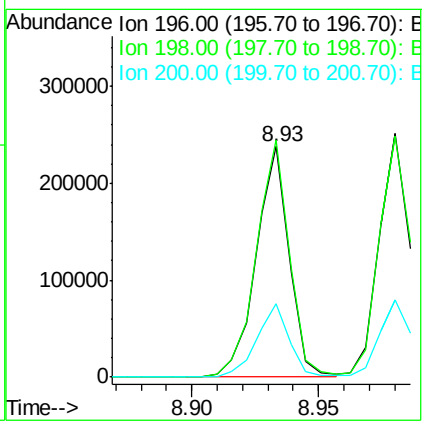


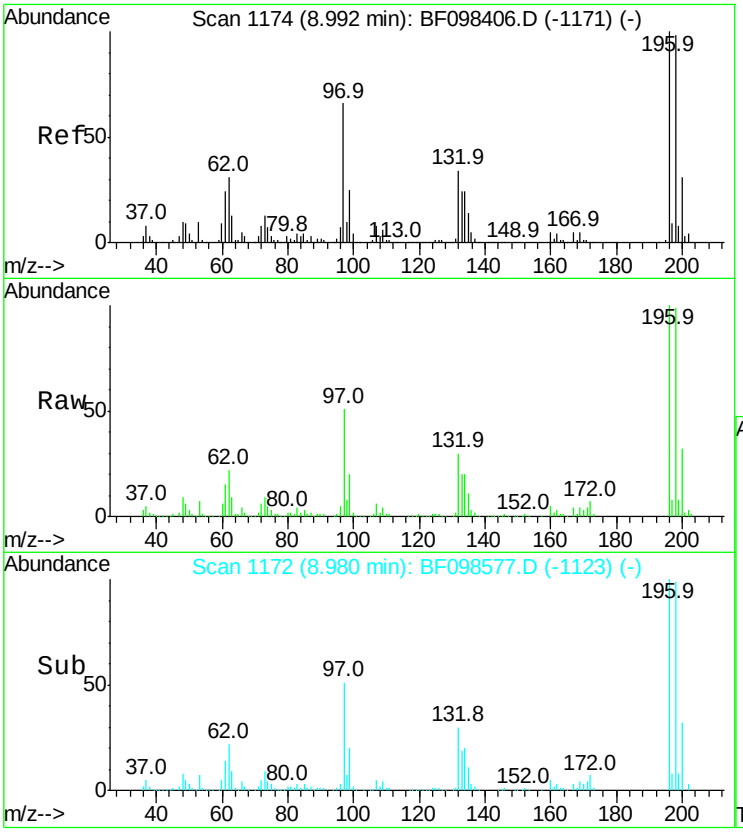


#42
2,4,6-Trichlorophenol
Concen: 40.712 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:196 Resp: 217237

Ion	Ratio	Lower	Upper
196	100		
198	103.0	74.2	111.4
200	31.8	24.0	36.0



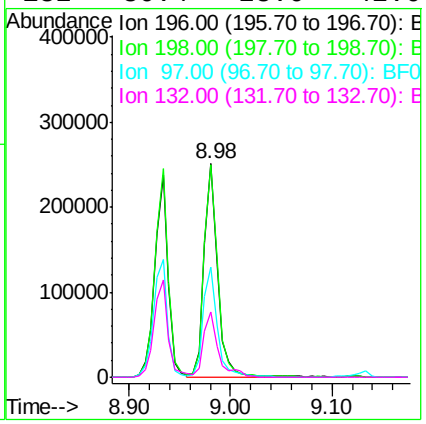


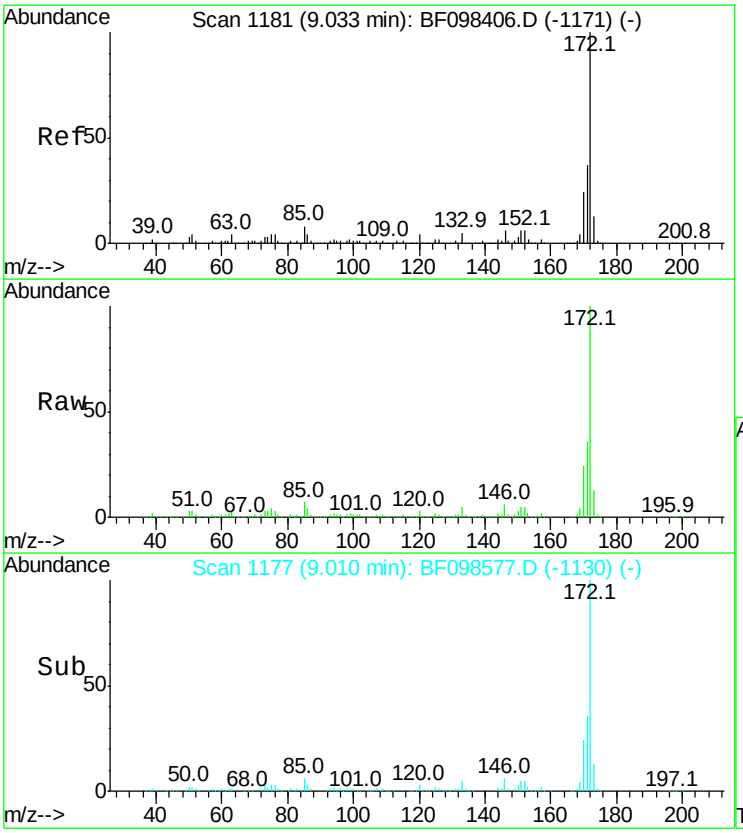
#43
2,4,5-Trichlorophenol
Concen: 41.739 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:196 Resp: 232789

Ion	Ratio	Lower	Upper
196	100		
198	99.2	75.7	113.5
97	51.3	47.7	71.5
132	30.4	28.0	42.0

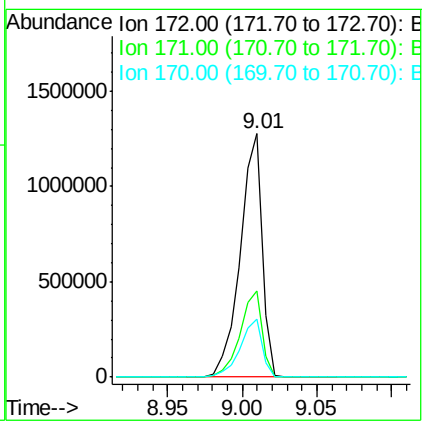


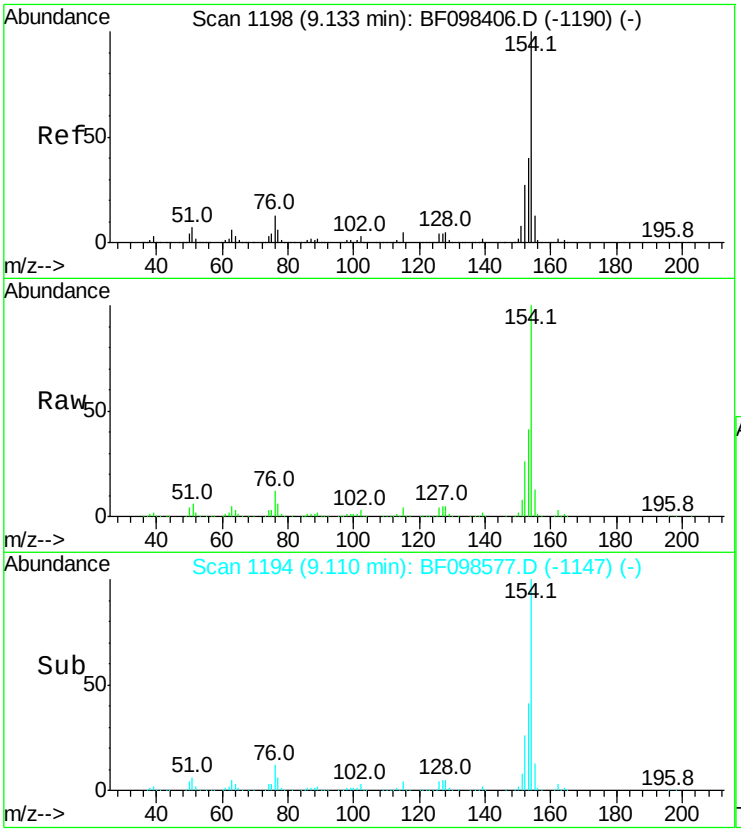


#44
2-Fluorobiphenyl
Concen: 75.279 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:172 Resp: 1295298

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.6	19.8	29.8



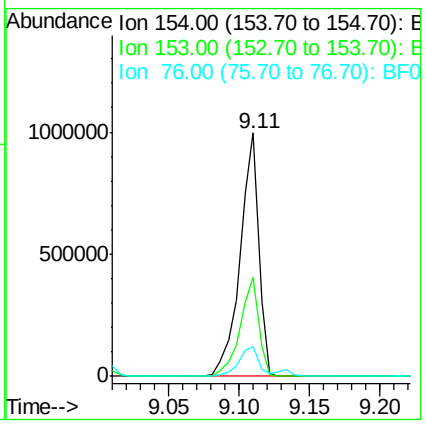


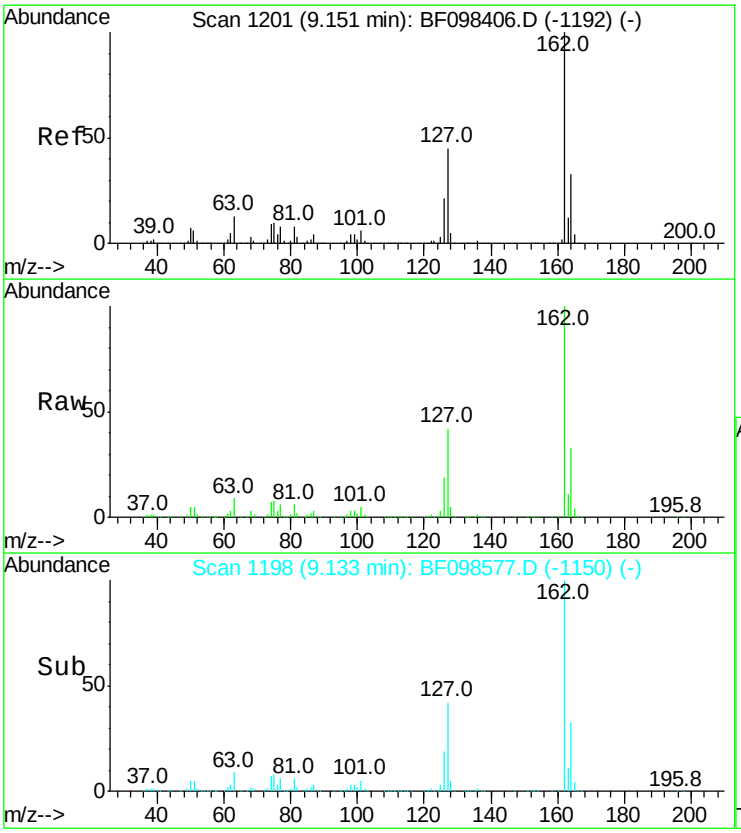
#45
1,1'-Biphenyl
Concen: 35.096 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:154 Resp: 916119

Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.2	61.2
76	12.0	0.0	29.9

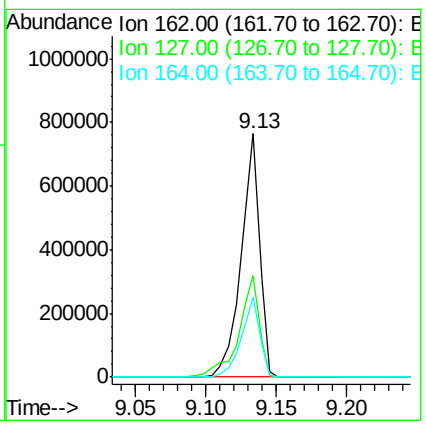


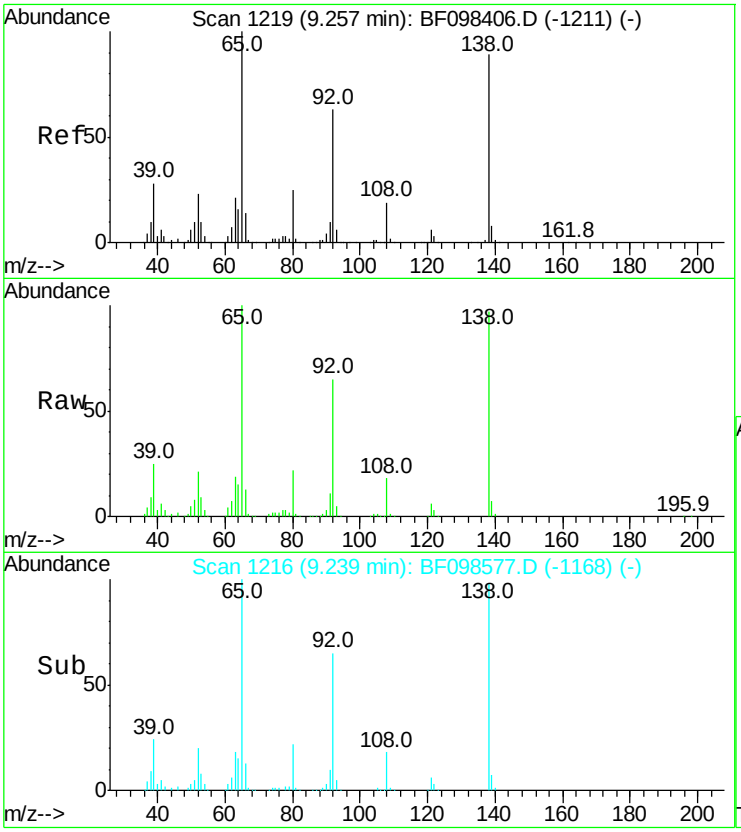


#46
2-Chloronaphthalene
Concen: 37.372 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:162 Resp: 696711

Ion	Ratio	Lower	Upper
162	100		
127	41.8	28.3	42.5
164	32.7	27.0	40.4



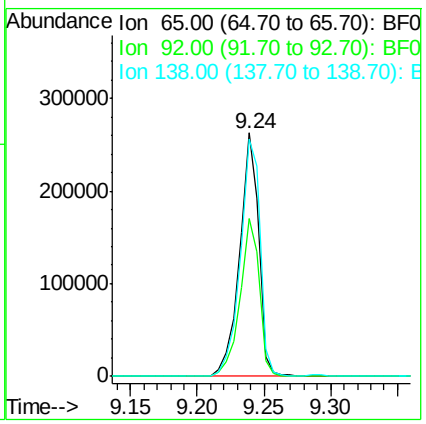


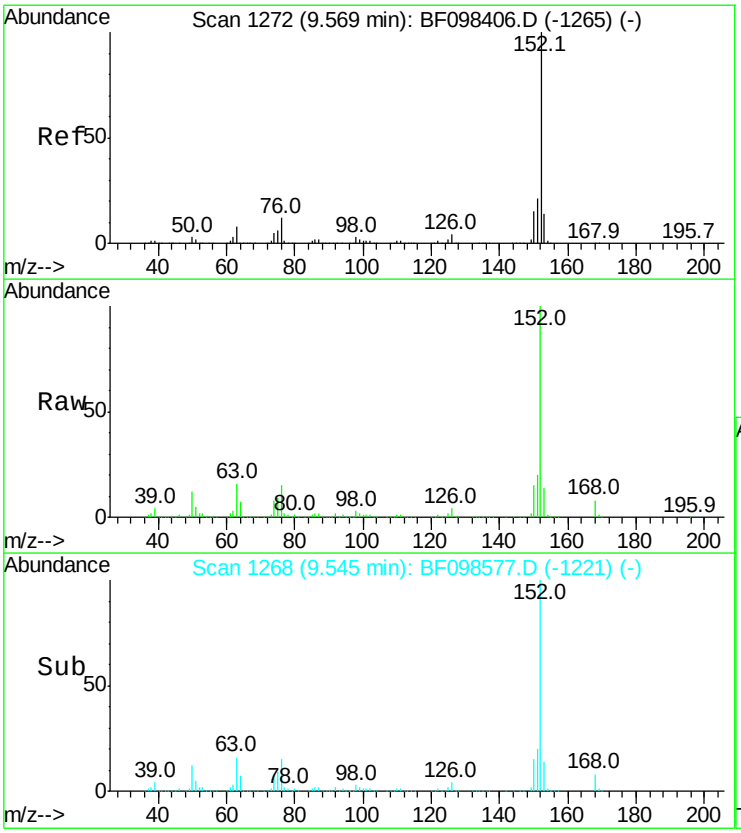
#47
2-Nitroaniline
Concen: 36.409 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion: 65 Resp: 260516

Ion	Ratio	Lower	Upper
65	100		
92	64.8	53.9	80.9
138	97.3	78.8	118.2

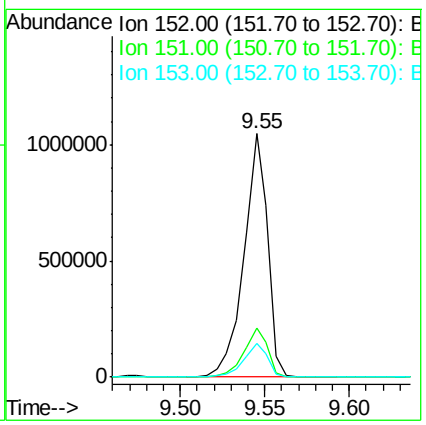


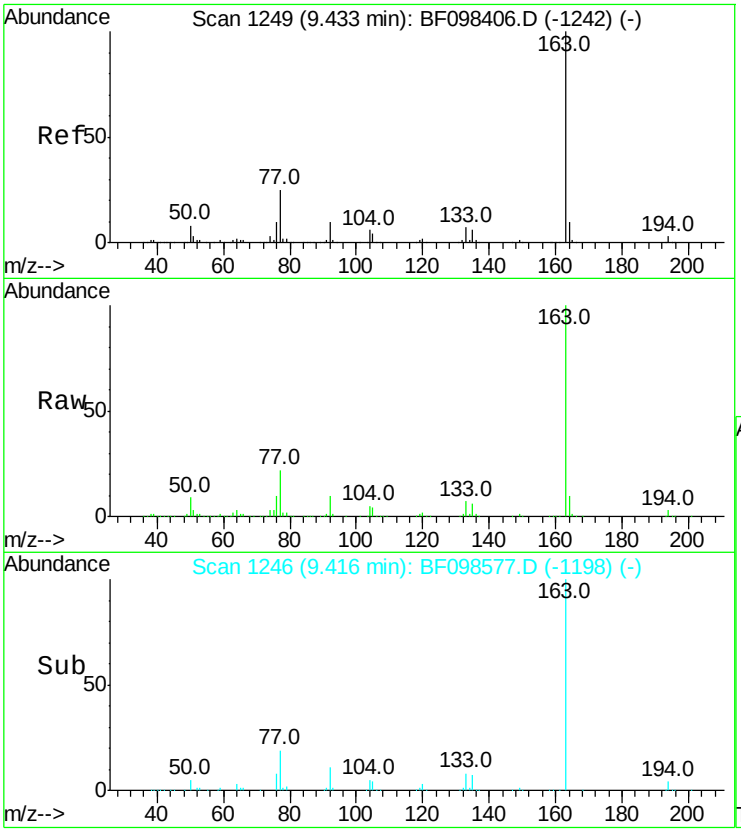


#48
Acenaphthylene
Concen: 36.809 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:152 Resp: 1020291

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	13.9	10.8	16.2



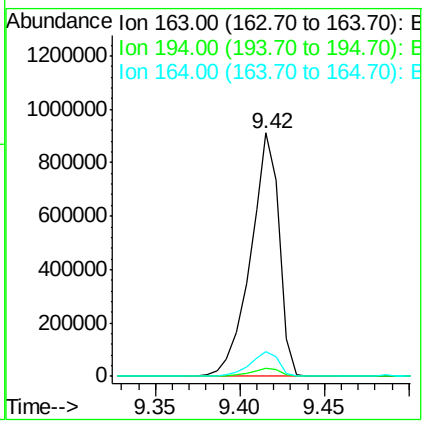


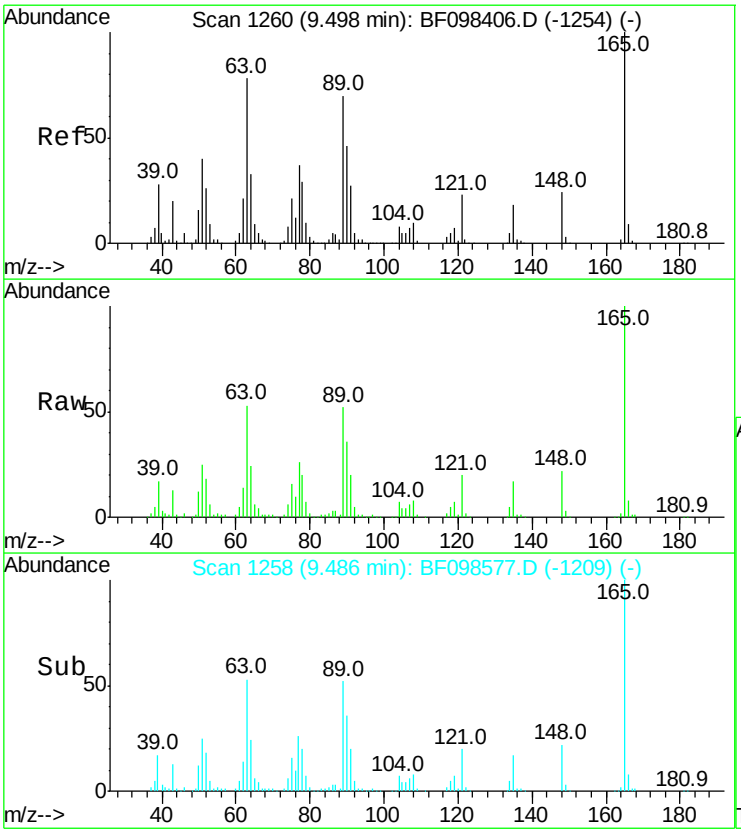
#49
Dimethylphthalate
Concen: 47.198 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:163 Resp: 1065505

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.3	8.4	12.6

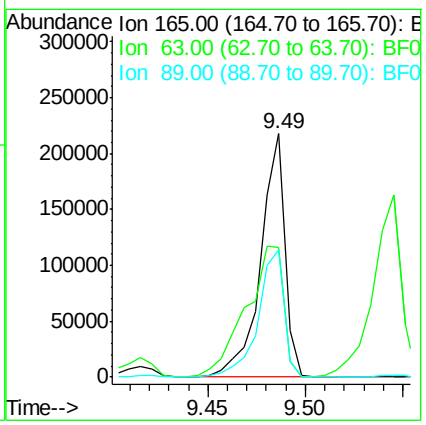


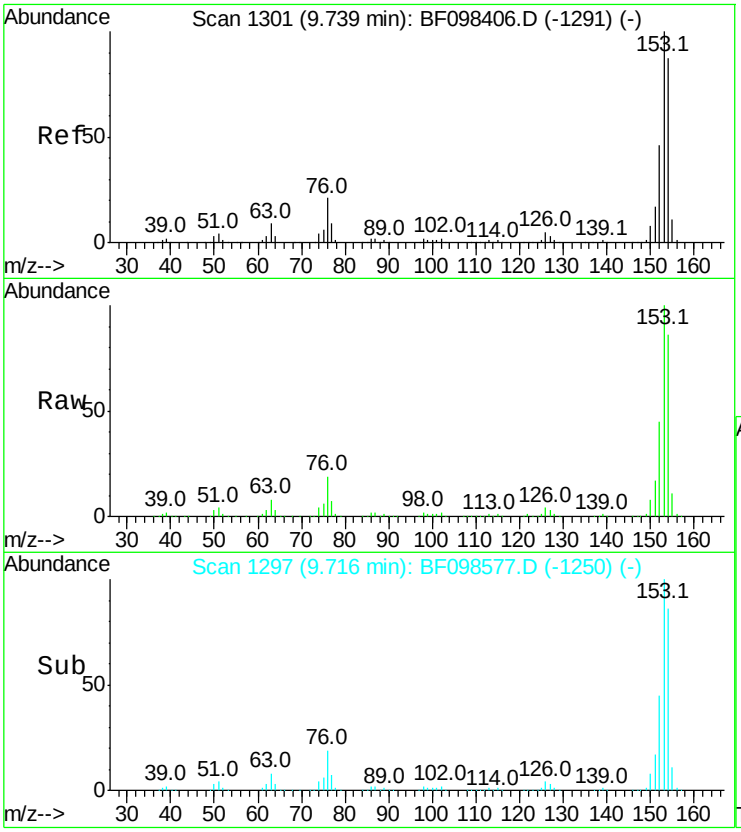


#50
2,6-Dinitrotoluene
Concen: 40.615 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:165 Resp: 188340

Ion	Ratio	Lower	Upper
165	100		
63	53.3	34.3	51.5#
89	52.1	37.1	55.7



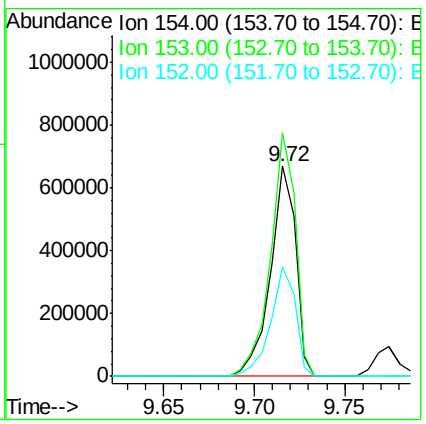


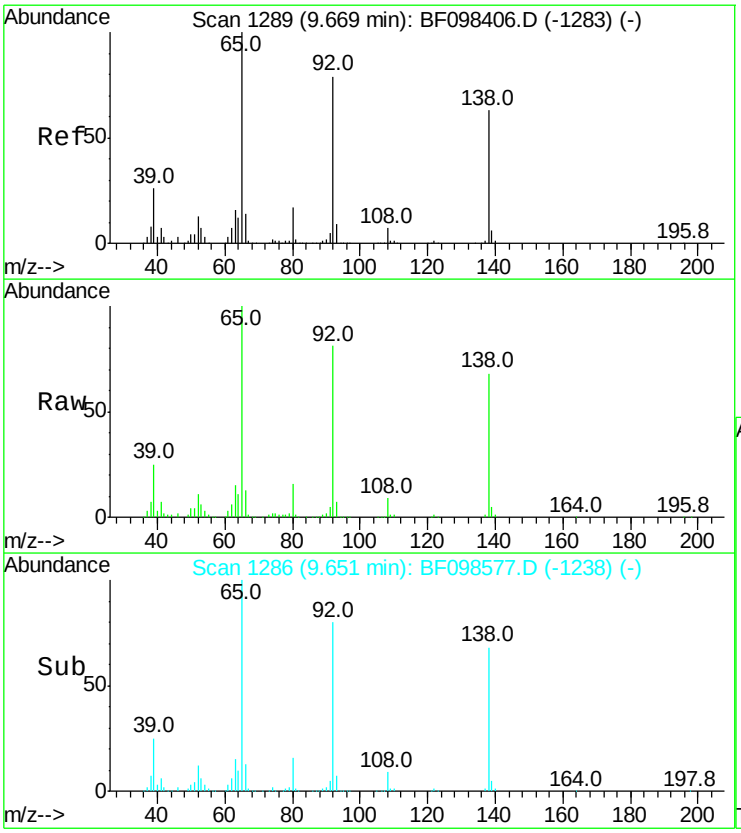
#51
Acenaphthene
Concen: 36.756 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:154 Resp: 647626

Ion	Ratio	Lower	Upper
154	100		
153	116.0	90.5	135.7
152	52.0	43.6	65.4

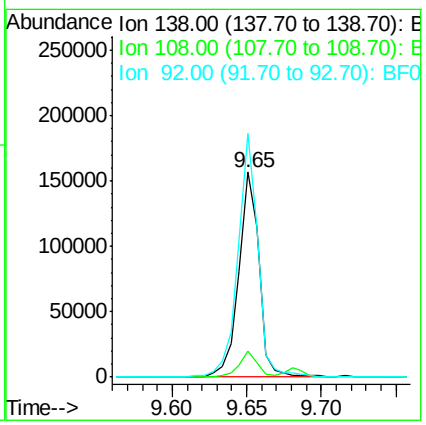


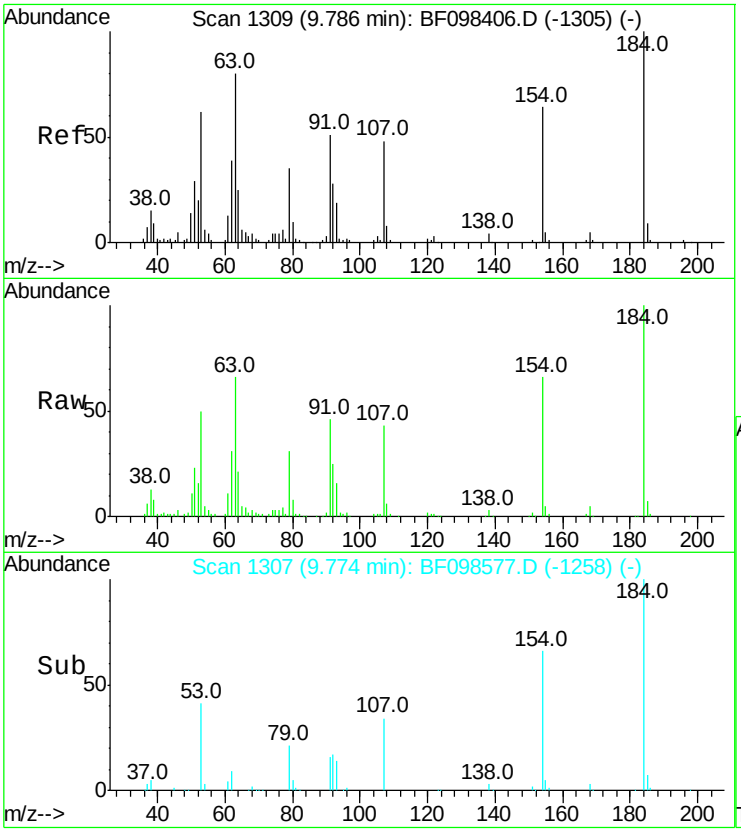


#52
3-Nitroaniline
Concen: 26.544 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:138 Resp: 148586

Ion	Ratio	Lower	Upper
138	100		
108	12.9	9.1	13.7
92	118.7	93.8	140.6



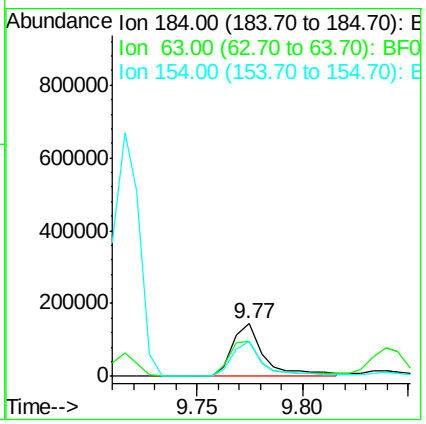


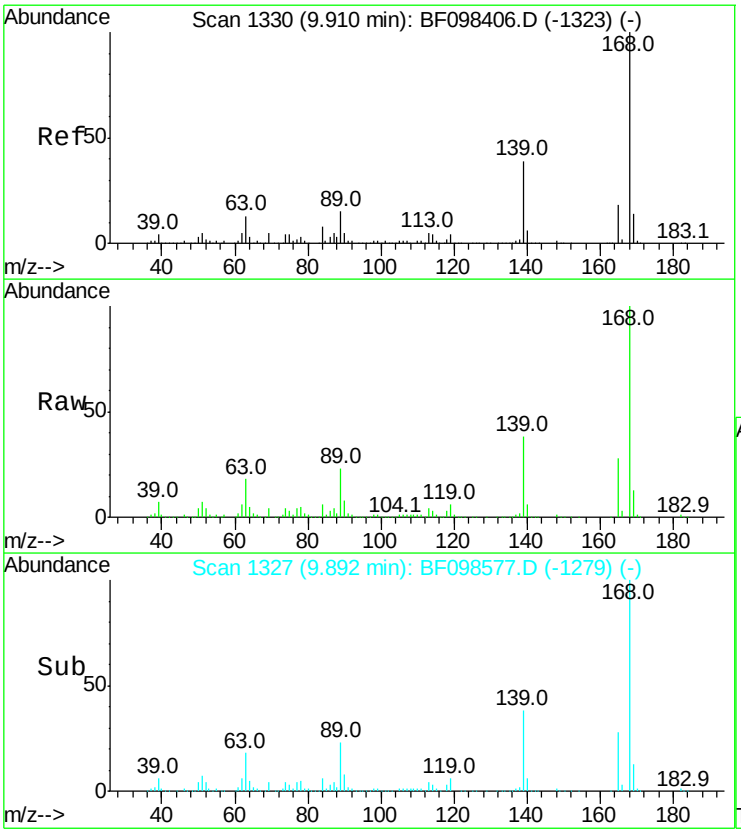
#53
2,4-Dinitrophenol
Concen: 70.385 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:184 Resp: 151772

Ion	Ratio	Lower	Upper
184	100		
63	66.0	62.7	94.1
154	65.5	81.1	121.7#

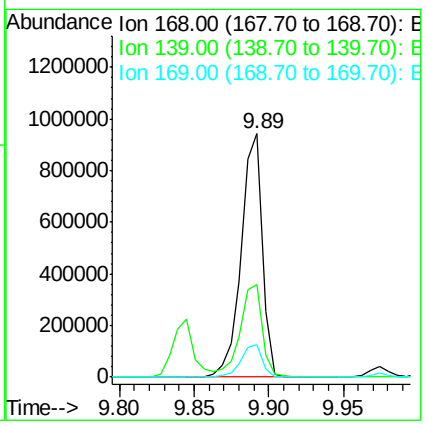


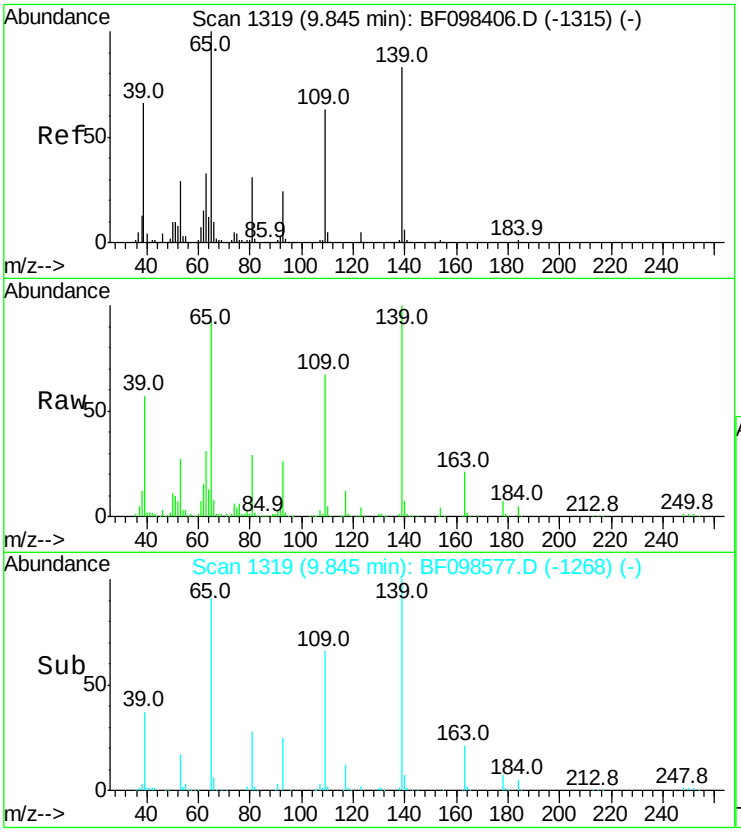


#54
Dibenzofuran
Concen: 39.785 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:168 Resp: 923492

Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.6	45.8
169	13.2	10.8	16.2



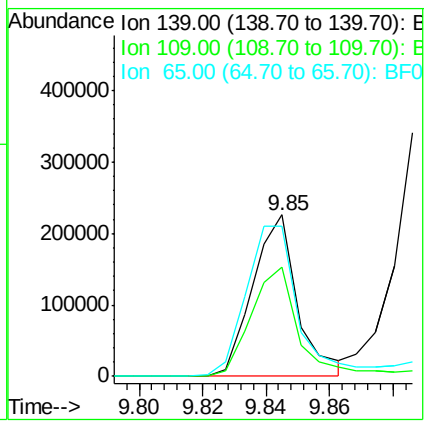


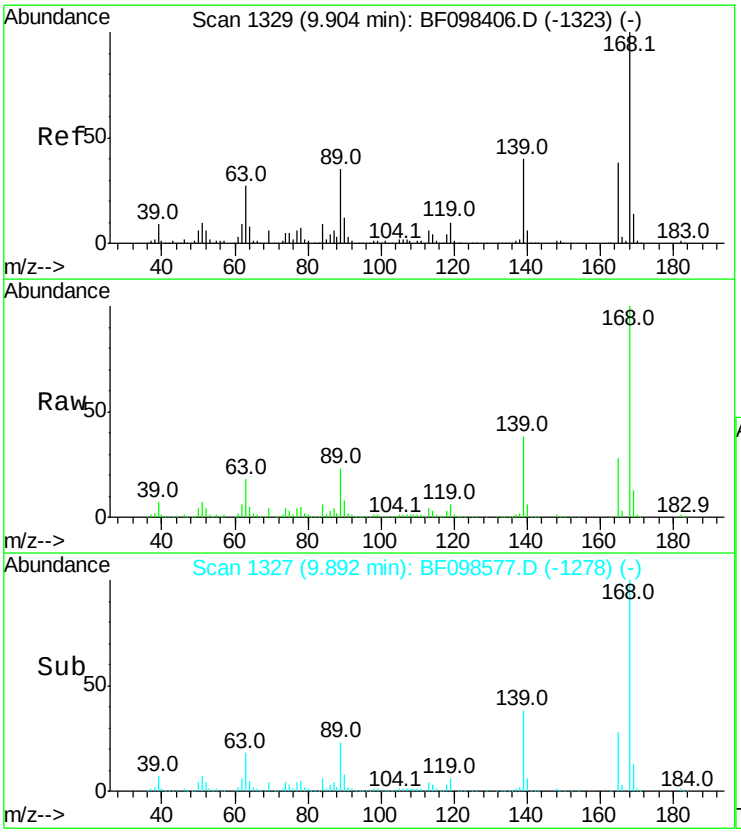
#55
4-Nitrophenol
Concen: 68.750 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:139 Resp: 221105

Ion	Ratio	Lower	Upper
139	100		
109	67.4	34.1	74.1
65	93.1	31.4	71.4#

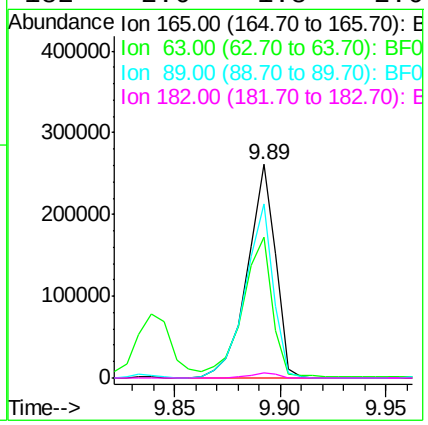


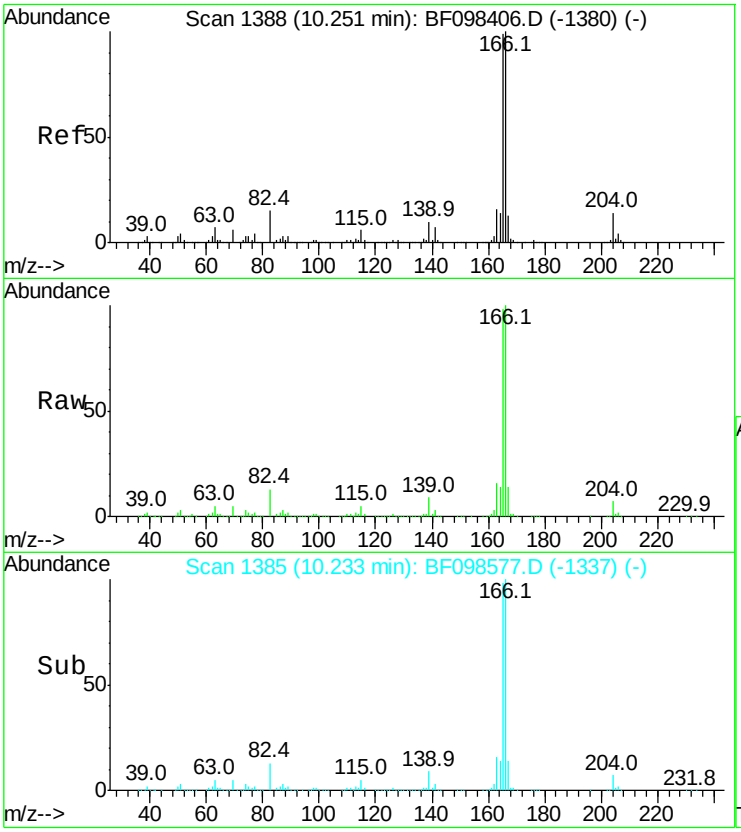


#56
2,4-Dinitrotoluene
Concen: 42.908 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:165 Resp: 241900

Ion	Ratio	Lower	Upper
165	100		
63	65.9	25.4	38.0#
89	81.7	46.4	69.6#
182	2.6	1.8	2.6



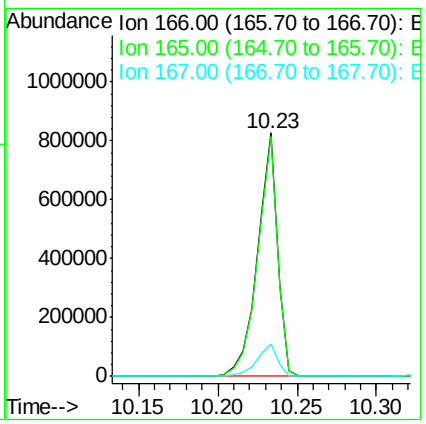


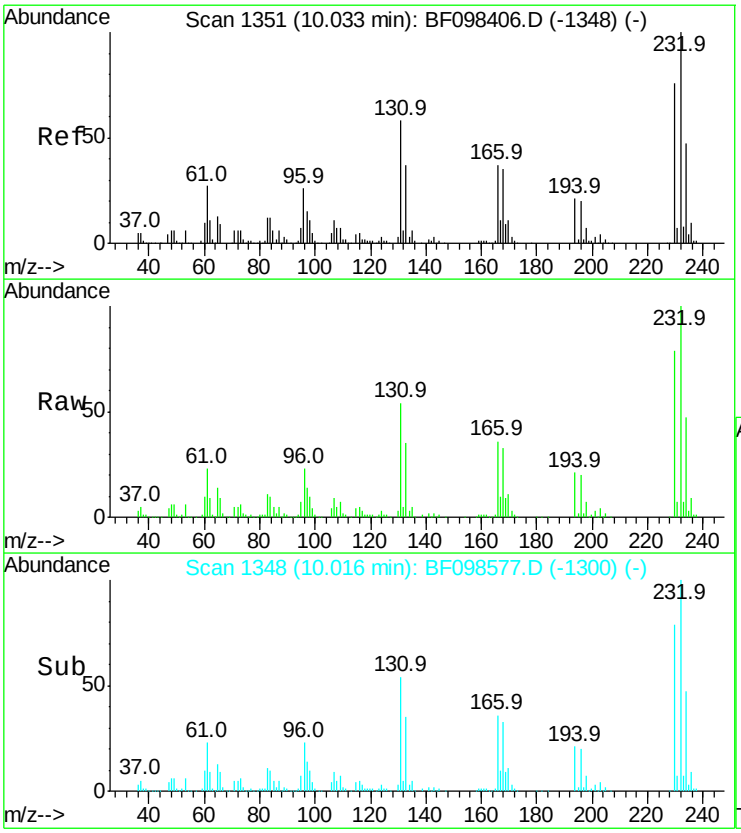
#57
Fluorene
Concen: 37.941 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:166 Resp: 728956

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.8	118.2
167	13.6	10.6	16.0

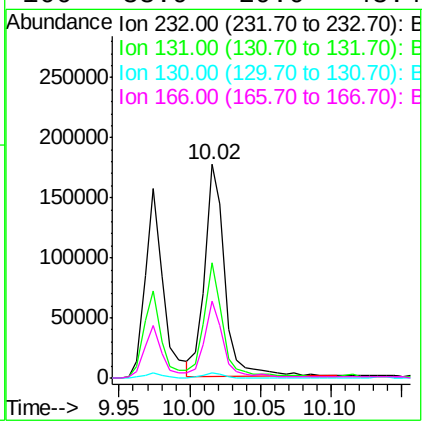


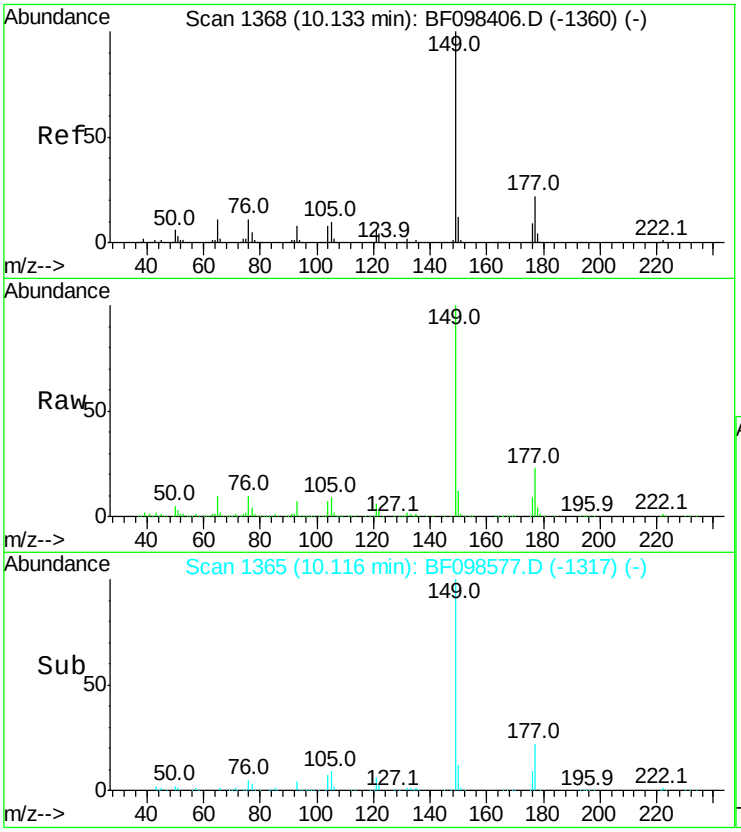


#58
2,3,4,6-Tetrachlorophenol
Concen: 46.848 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:232 Resp: 175598

Ion	Ratio	Lower	Upper
232	100		
131	51.4	44.8	67.2
130	2.3	2.3	3.5#
166	33.9	29.0	43.4



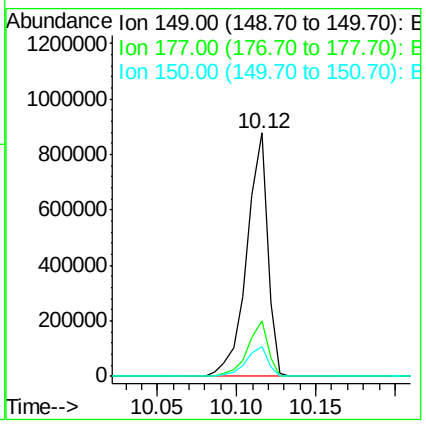


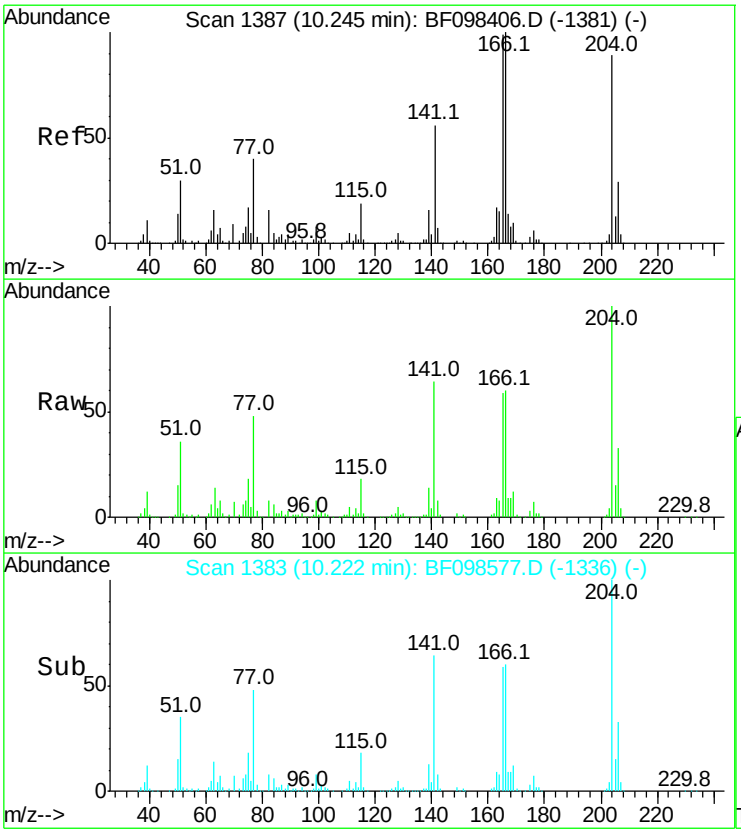
#59
Diethylphthalate
Concen: 37.359 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:149 Resp: 802096

Ion	Ratio	Lower	Upper
149	100		
177	22.6	16.7	25.1
150	12.2	10.2	15.2

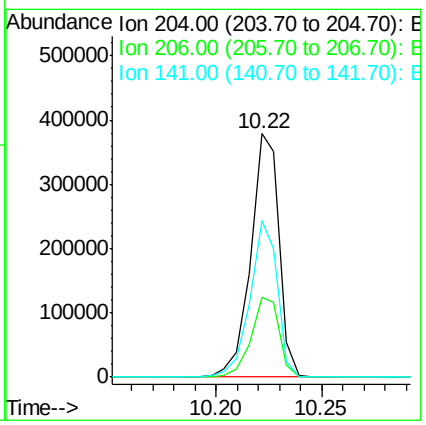


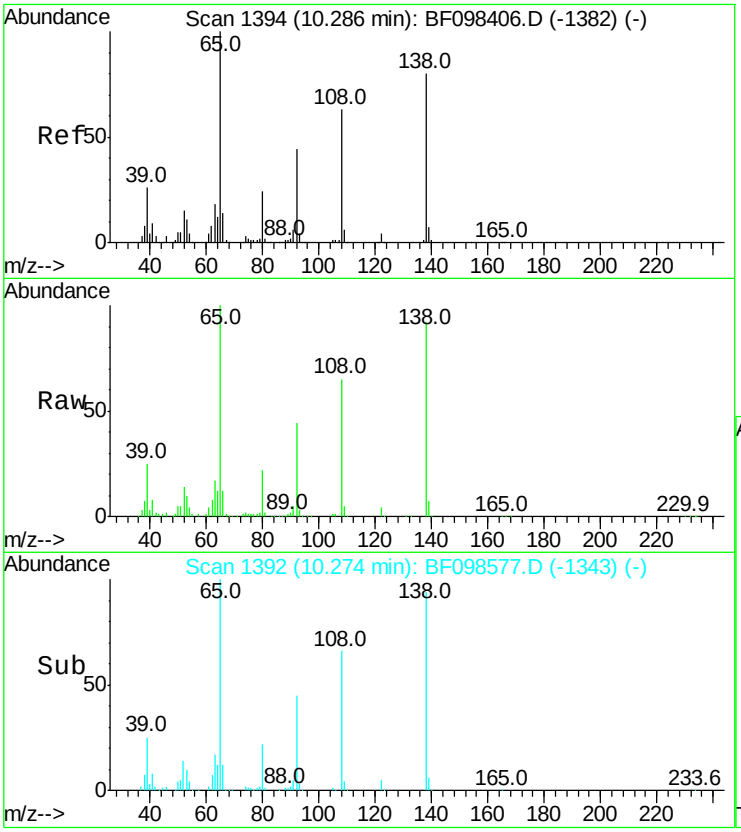


#60
4-Chlorophenyl-phenylether
Concen: 39.849 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:204 Resp: 353629

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.2	39.2
141	64.1	60.8	91.2



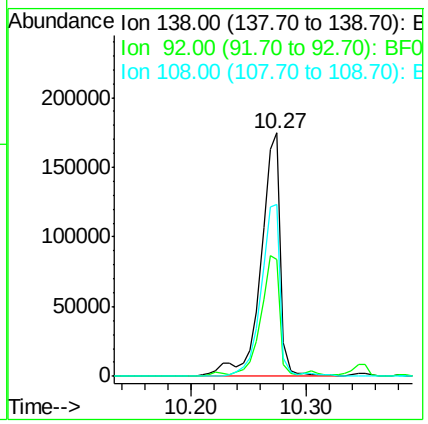


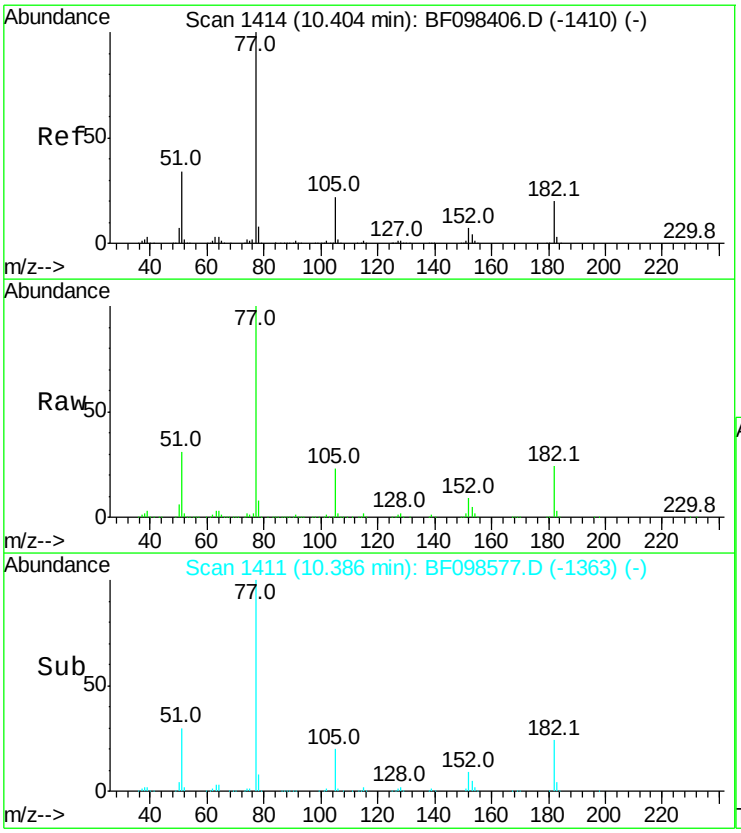
#61
4-Nitroaniline
Concen: 36.674 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:138 Resp: 207323

Ion	Ratio	Lower	Upper
138	100		
92	47.9	21.8	61.8
108	70.5	42.3	82.3

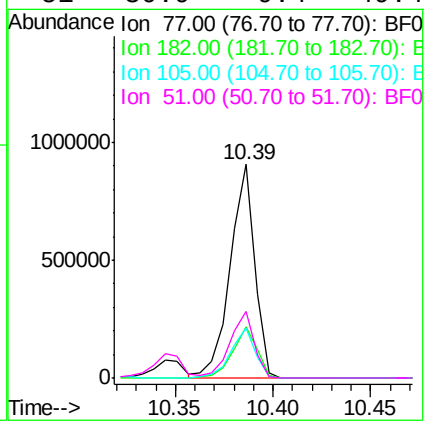


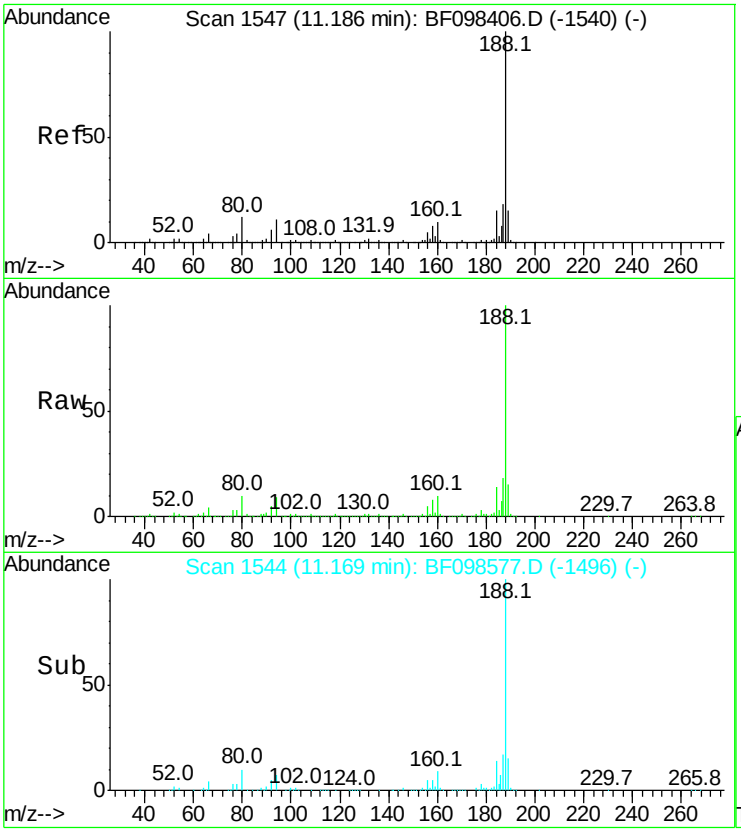


#62
Azobenzene
Concen: 34.107 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion: 77 Resp: 789242

Ion	Ratio	Lower	Upper
77	100		
182	24.1	0.1	40.1
105	23.3	3.6	43.6
51	30.9	9.4	49.4



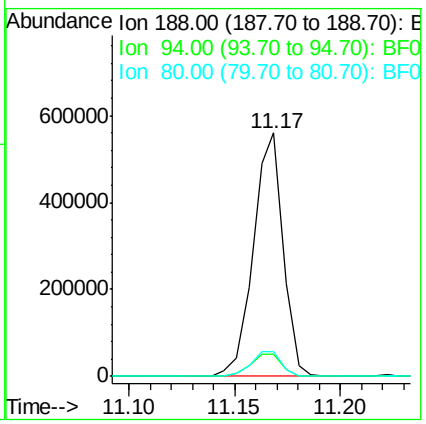


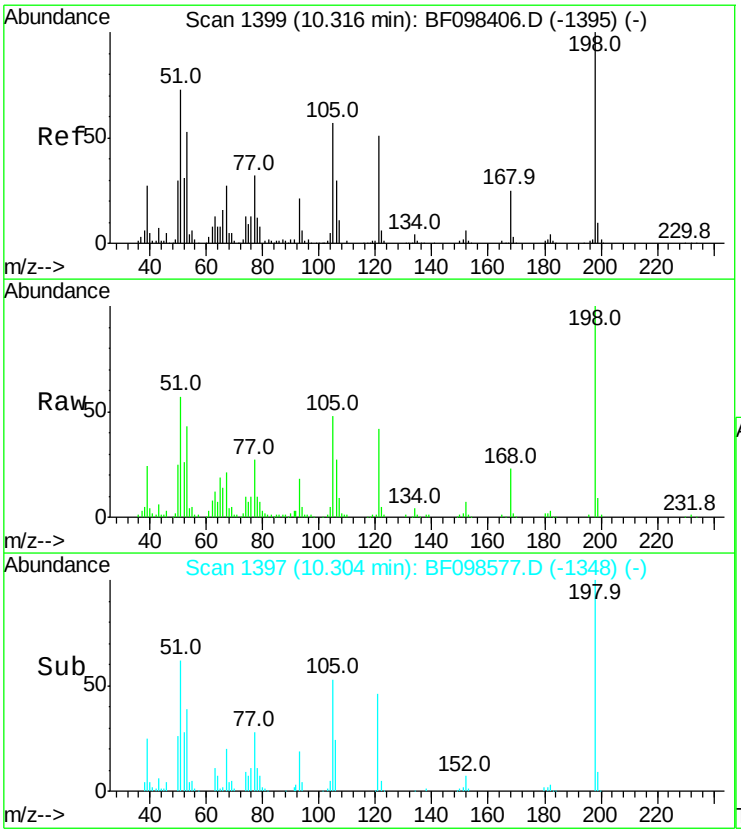
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:188 Resp: 548984

Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.4	14.2#
80	10.1	10.2	15.2#

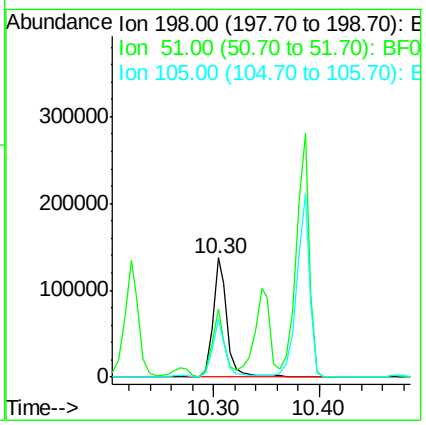


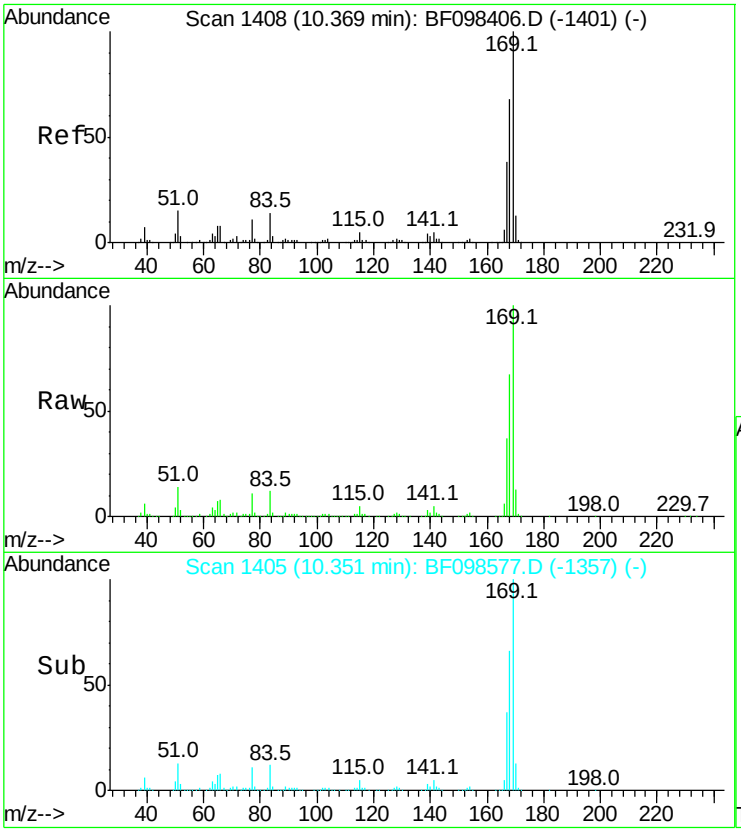


#64
4,6-Dinitro-2-methylphenol
Concen: 39.866 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:198 Resp: 131079

Ion	Ratio	Lower	Upper
198	100		
51	56.7	53.2	93.2
105	48.4	45.8	85.8



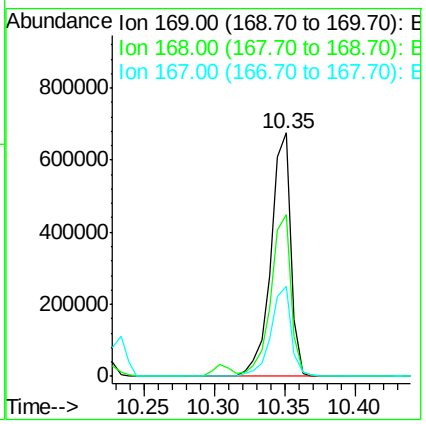


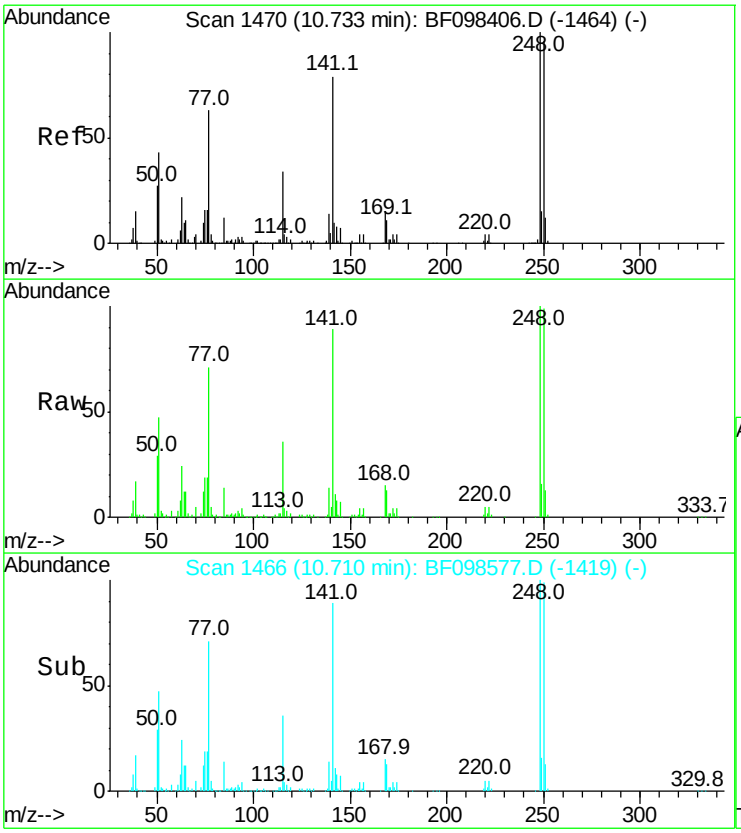
#65
n-Nitrosodiphenylamine
Concen: 37.608 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:169 Resp: 670401

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.2	79.8
167	36.8	29.5	44.3

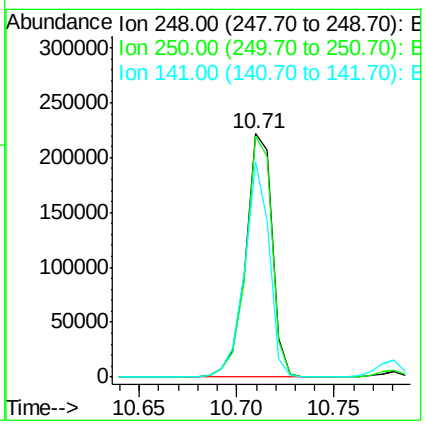


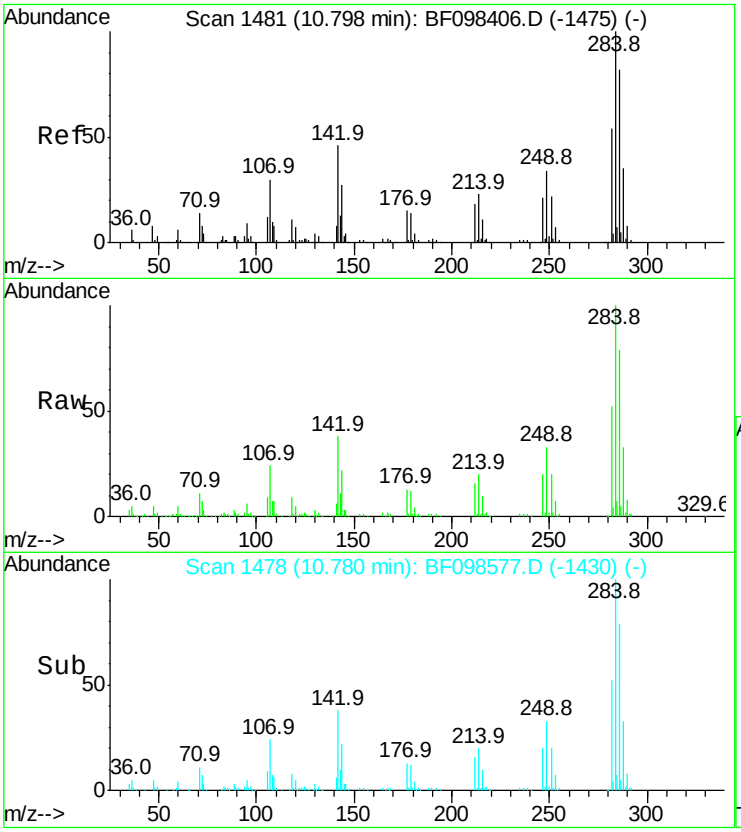


#66
4-Bromophenyl-phenylether
Concen: 40.135 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:248 Resp: 209116

Ion	Ratio	Lower	Upper
248	100		
250	99.1	76.8	115.2
141	88.6	68.6	103.0



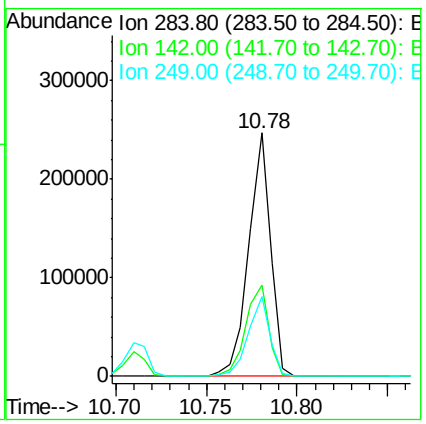


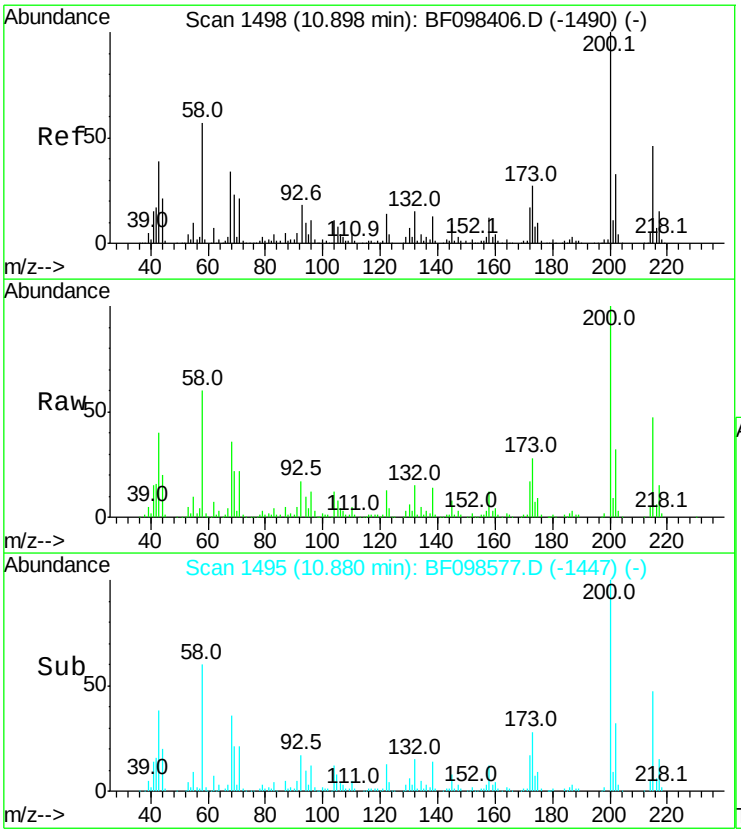
#67
Hexachlorobenzene
Concen: 39.337 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:284 Resp: 207896

Ion	Ratio	Lower	Upper
284	100		
142	37.6	22.8	34.2#
249	33.0	24.0	36.0

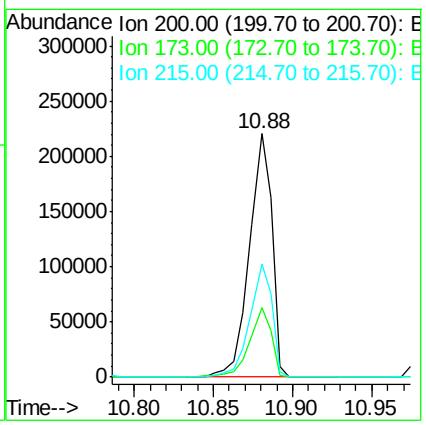


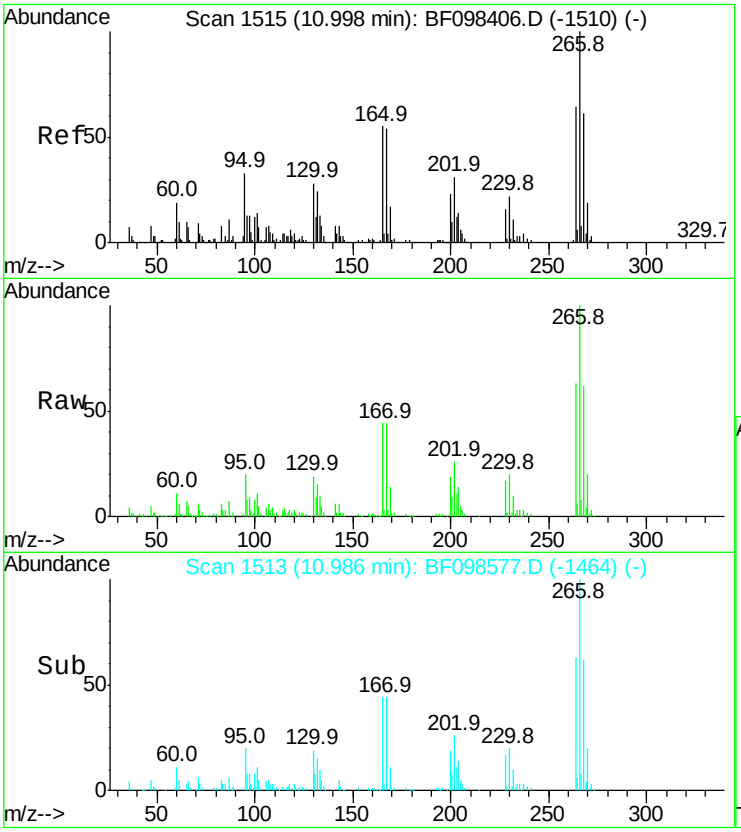


#68
Atrazine
Concen: 39.651 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:200 Resp: 217597

Ion	Ratio	Lower	Upper
200	100		
173	28.4	6.3	46.3
215	46.6	27.2	67.2



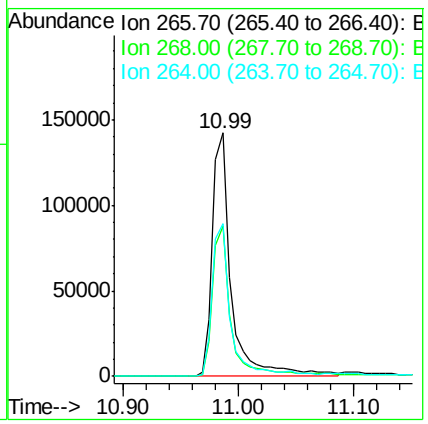


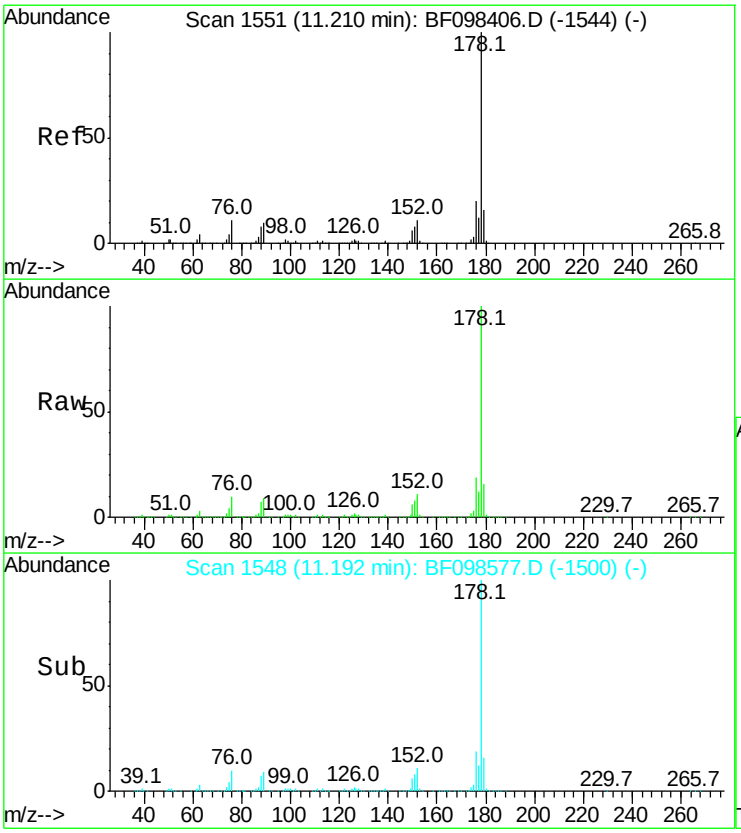
#69
Pentachlorophenol
Concen: 70.267 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:266 Resp: 162226

Ion	Ratio	Lower	Upper
266	100		
268	61.8	51.1	76.7
264	62.8	51.7	77.5

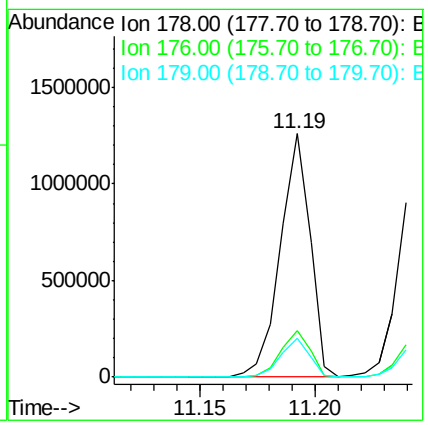


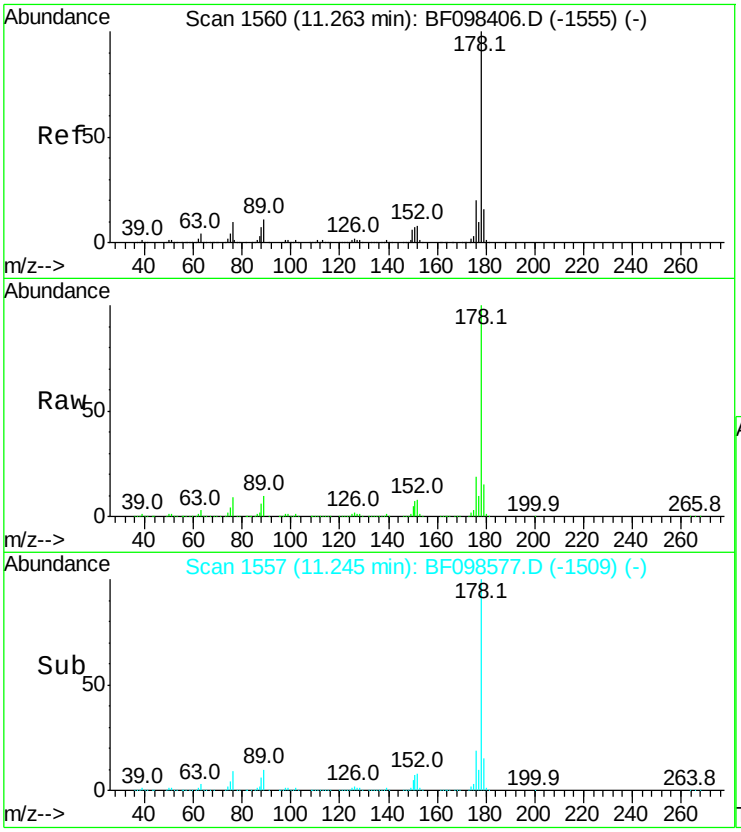


#70
Phenanthrene
Concen: 38.529 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:178 Resp: 1121311

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	15.8	12.6	19.0



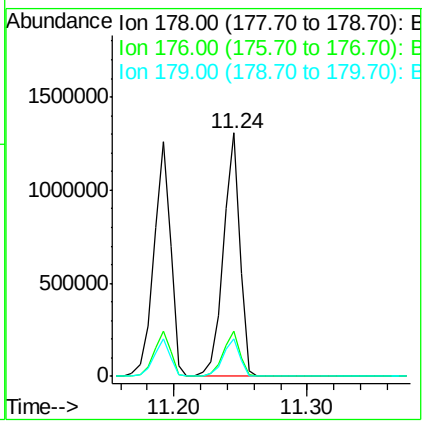


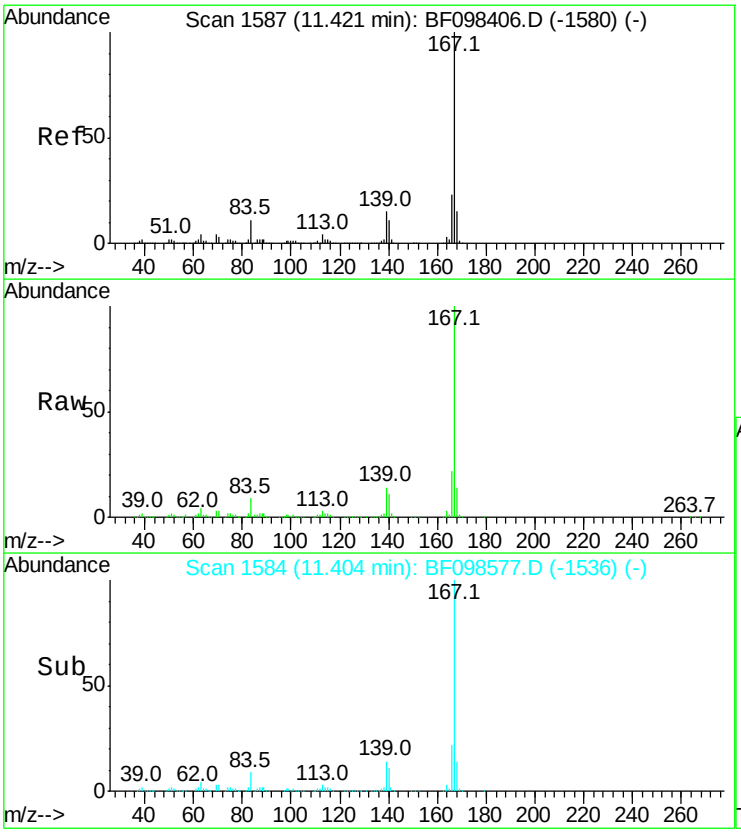
#71
Anthracene
Concen: 38.268 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:178 Resp: 1143458

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.5	12.7	19.1

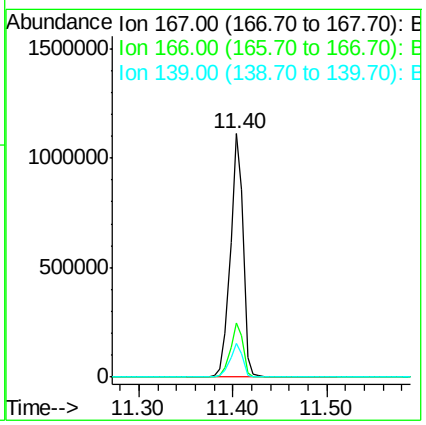


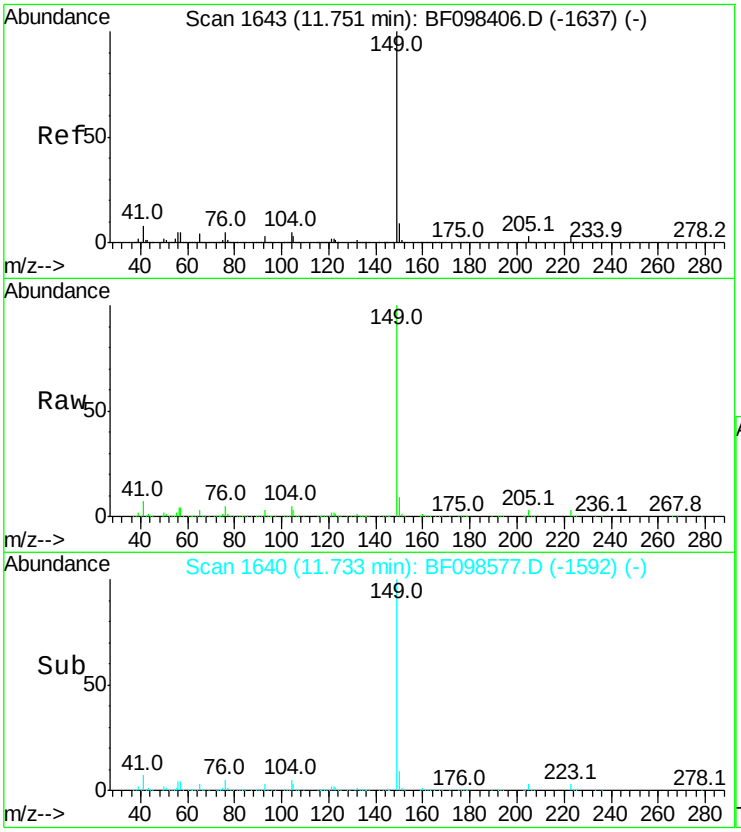


#72
Carbazole
Concen: 37.474 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:167 Resp: 1043545

Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.1	27.1
139	13.7	11.7	17.5



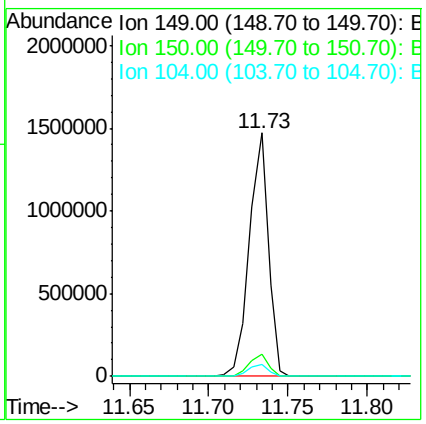


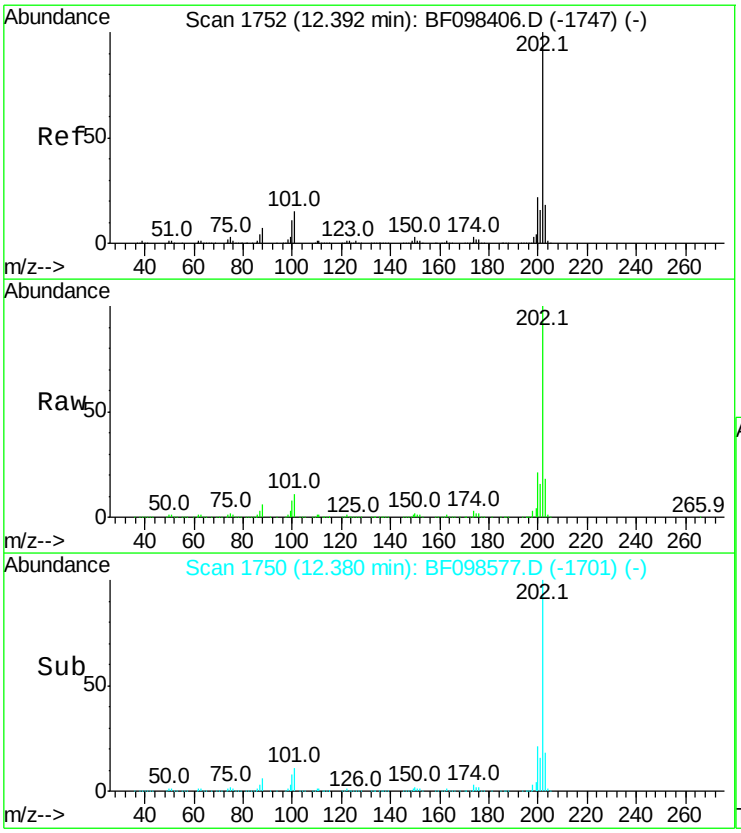
#73
Di-n-butylphthalate
Concen: 36.868 ng
RT: 11.73 min Scan# 1640
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:149 Resp: 1230098

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	4.7	4.0	6.0

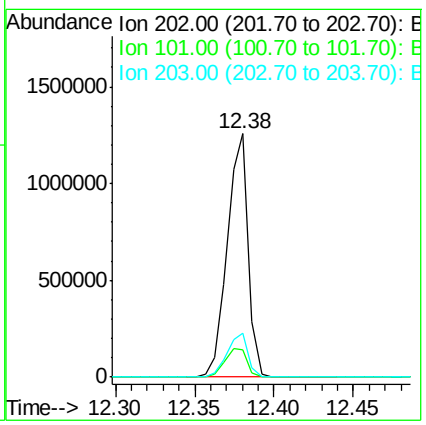


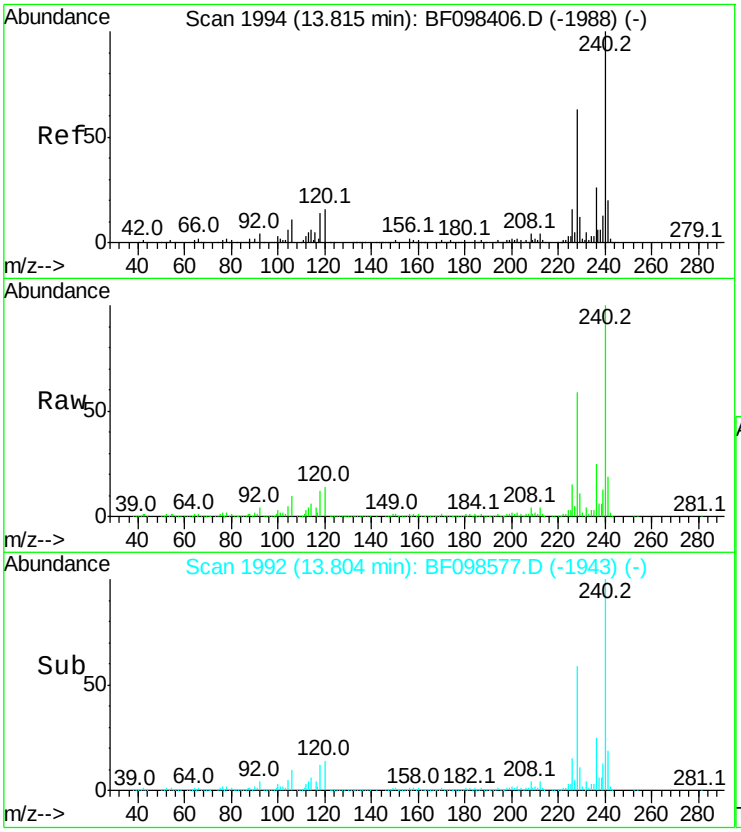


#74
Fluoranthene
Concen: 39.252 ng
RT: 12.38 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:202 Resp: 1143604

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	33.2
203	17.9	0.0	38.1



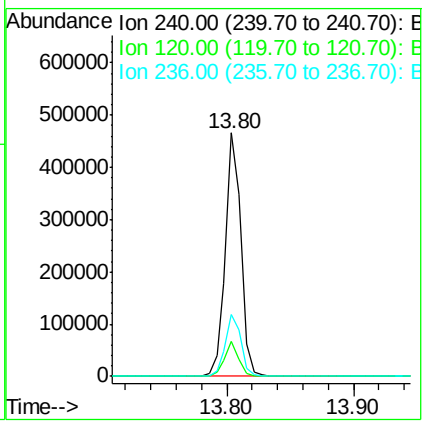


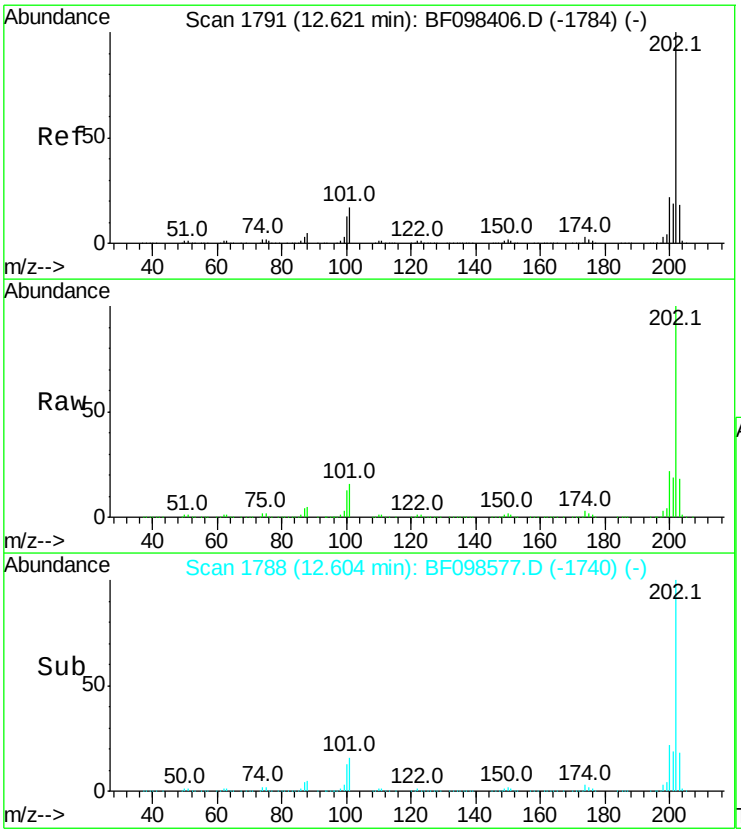
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:240 Resp: 394116

Ion	Ratio	Lower	Upper
240	100		
120	14.4	5.8	8.8#
236	25.5	20.5	30.7

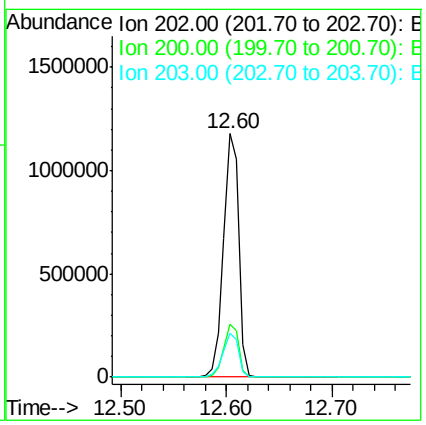


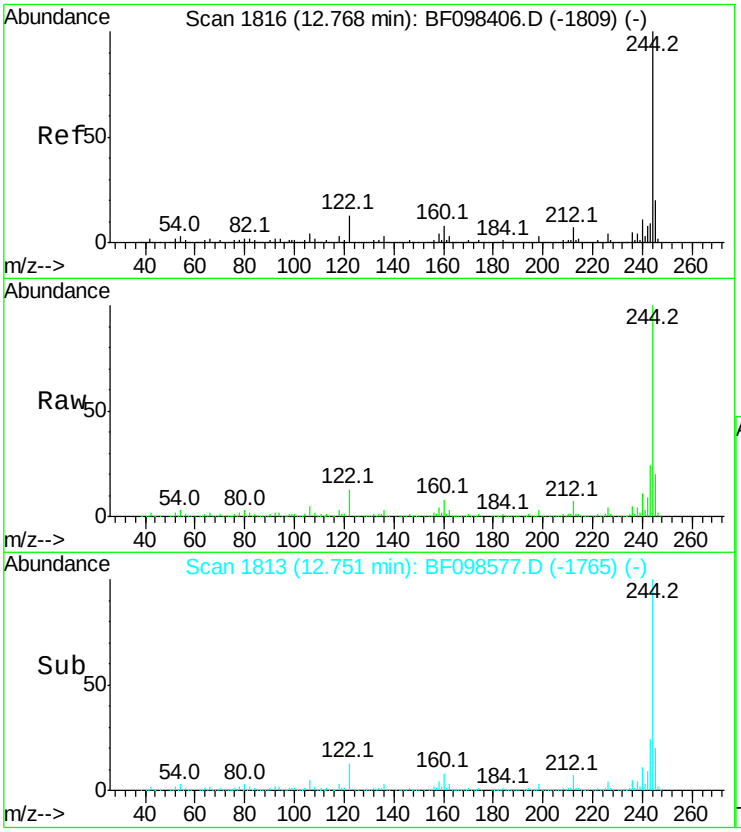


#77
Pyrene
Concen: 38.089 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:202 Resp: 1184195

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	18.2	14.4	21.6



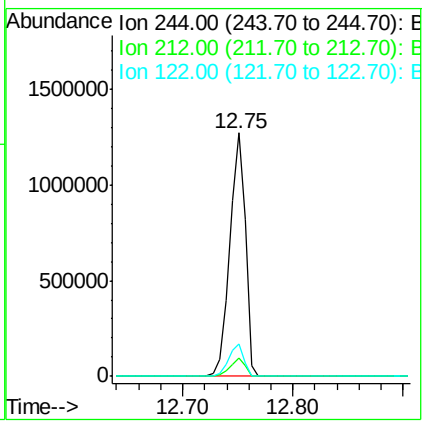


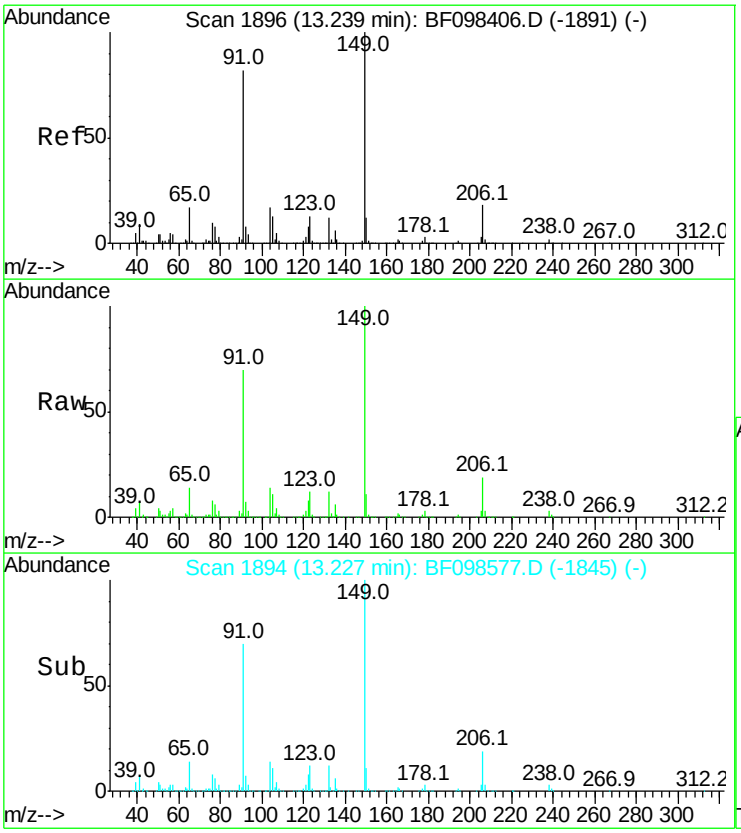
#78
Terphenyl-d14
Concen: 69.297 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument : BNA_F
ClientSampleId : UT5400S16MS

Tgt Ion:244 Resp: 1265308

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.2	10.3	15.5

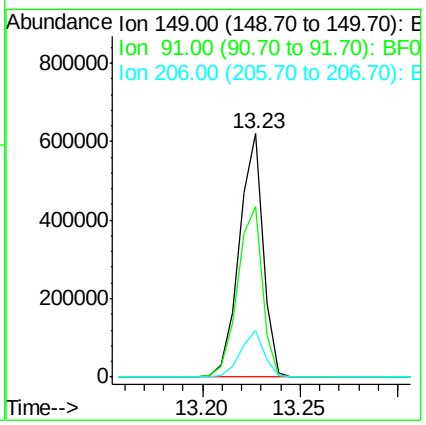


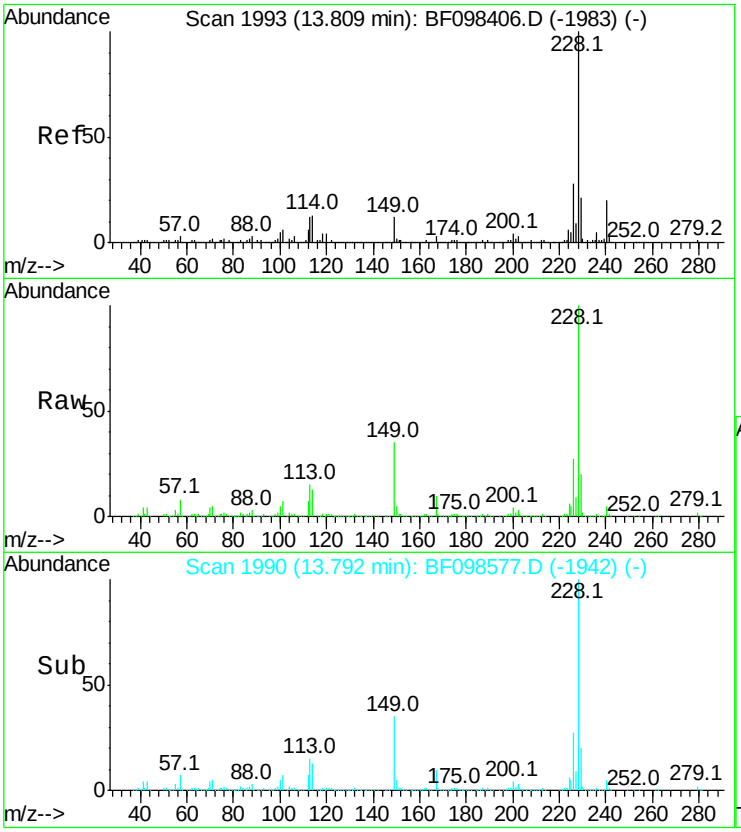


#79
Butylbenzylphthalate
Concen: 38.905 ng
RT: 13.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:149 Resp: 524744

Ion	Ratio	Lower	Upper
149	100		
91	70.1	45.0	67.4#
206	19.0	17.0	25.6



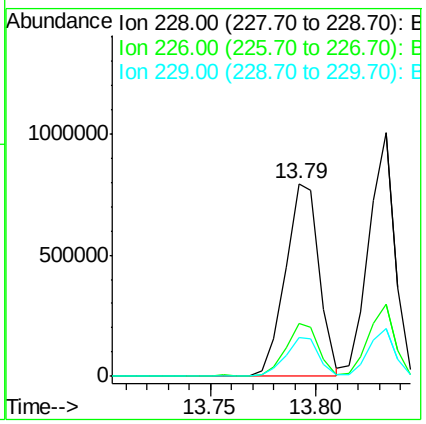


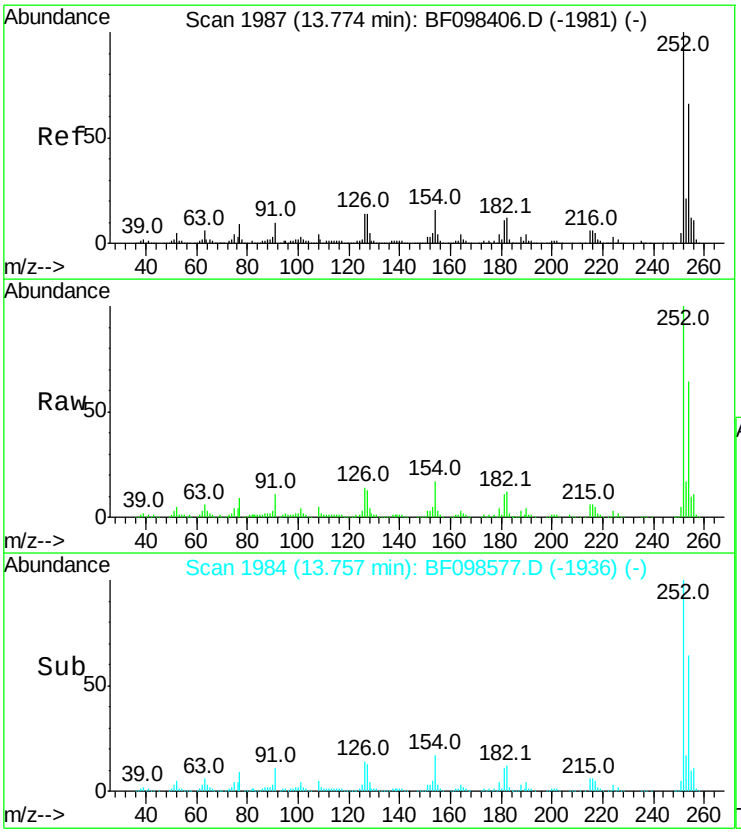
#80
Benzo(a)anthracene
Concen: 38.109 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:228 Resp: 880562

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	20.1	16.3	24.5

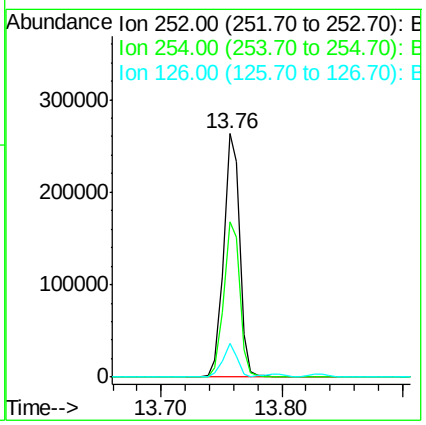


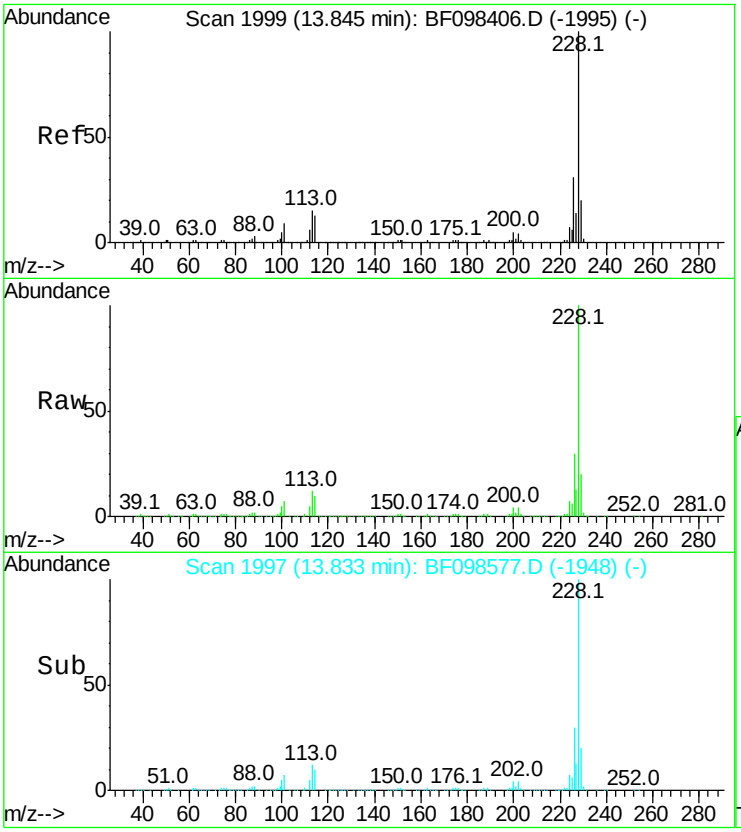


#81
3,3'-Dichlorobenzidine
Concen: 27.007 ng
RT: 13.76 min Scan# 1984
Delta R.T. -0.02 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:252 Resp: 242516

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.5	77.3
126	13.8	15.8	23.8#



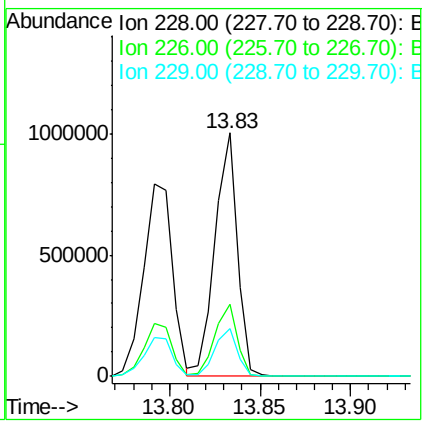


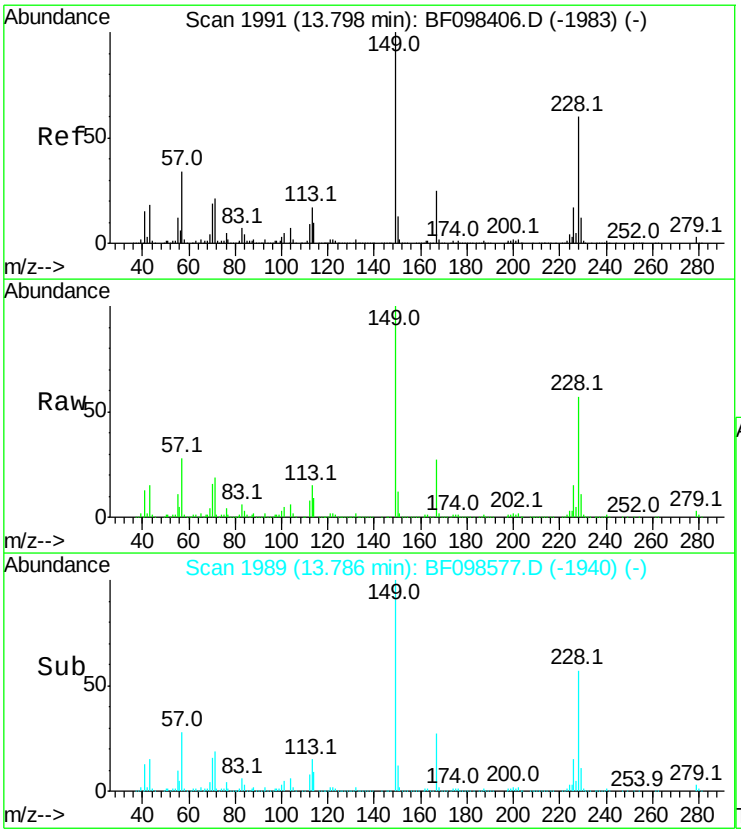
#82
Chrysene
Concen: 36.975 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:228 Resp: 863604

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.9	37.3
229	19.7	15.8	23.6

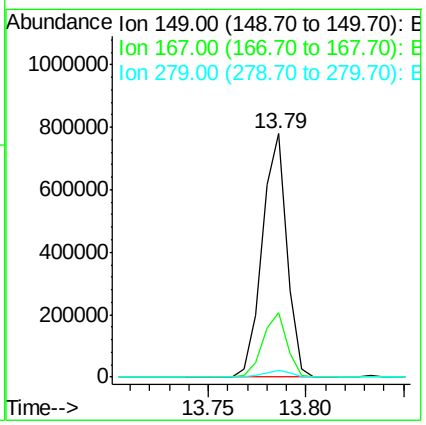


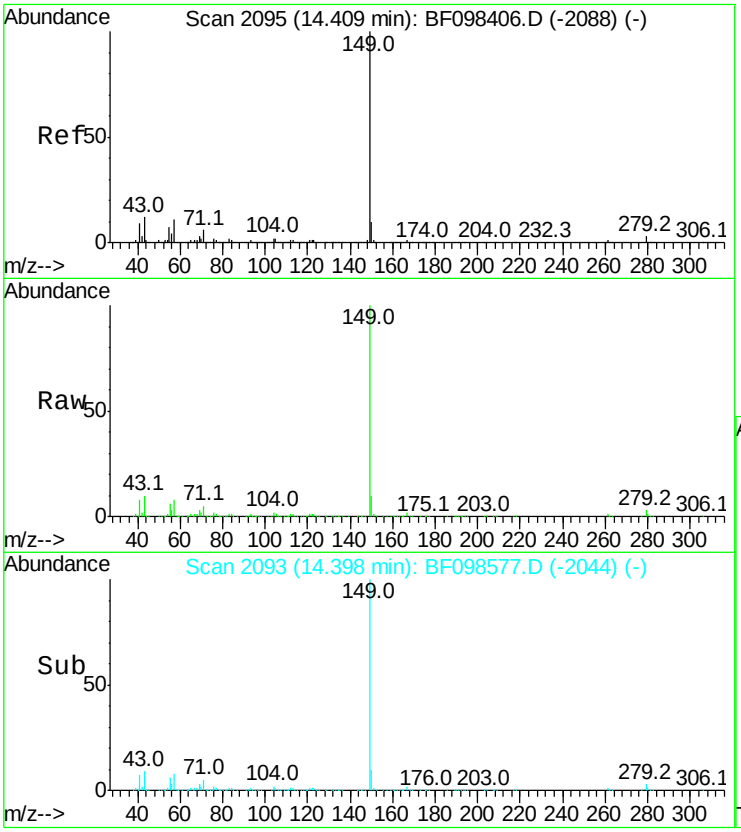


#83
Bis(2-ethylhexyl)phthalate
Concen: 40.279 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:149 Resp: 681822

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.0	31.4
279	3.0	1.9	2.9#



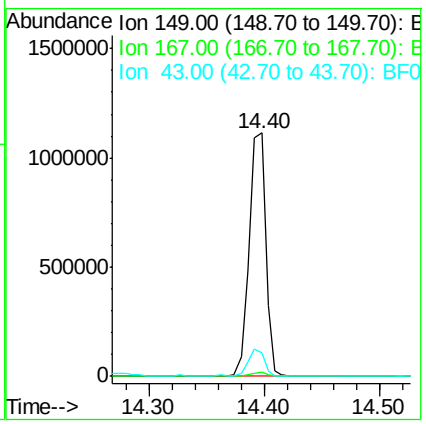


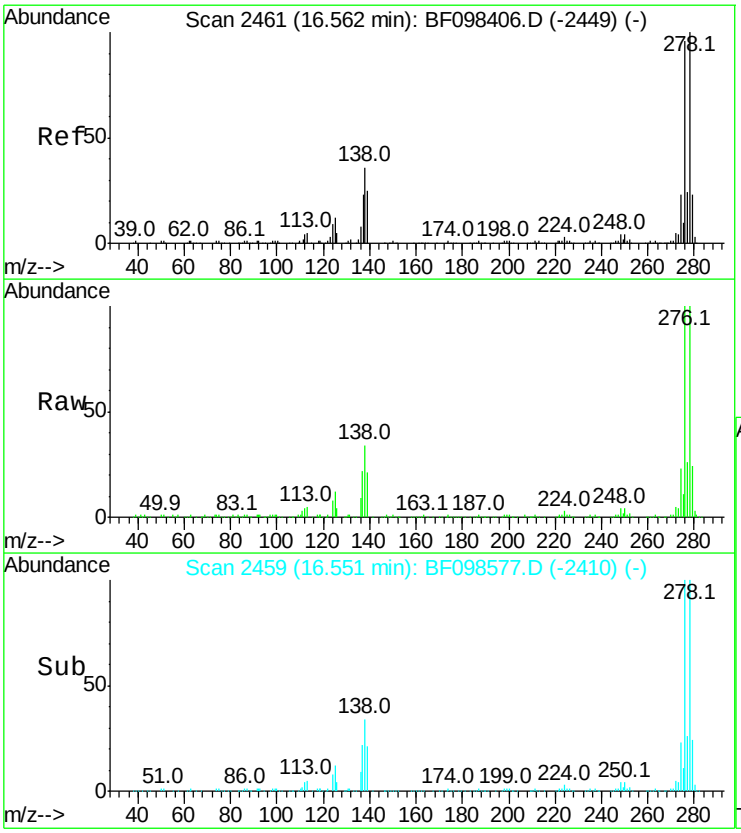
#84
Di-n-octyl phthalate
Concen: 38.405 ng
RT: 14.40 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:149 Resp: 1115406

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	11.0	8.5	12.7

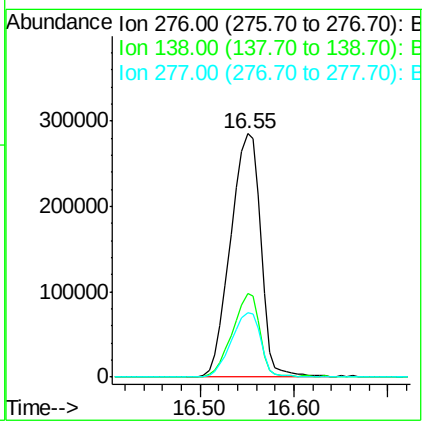


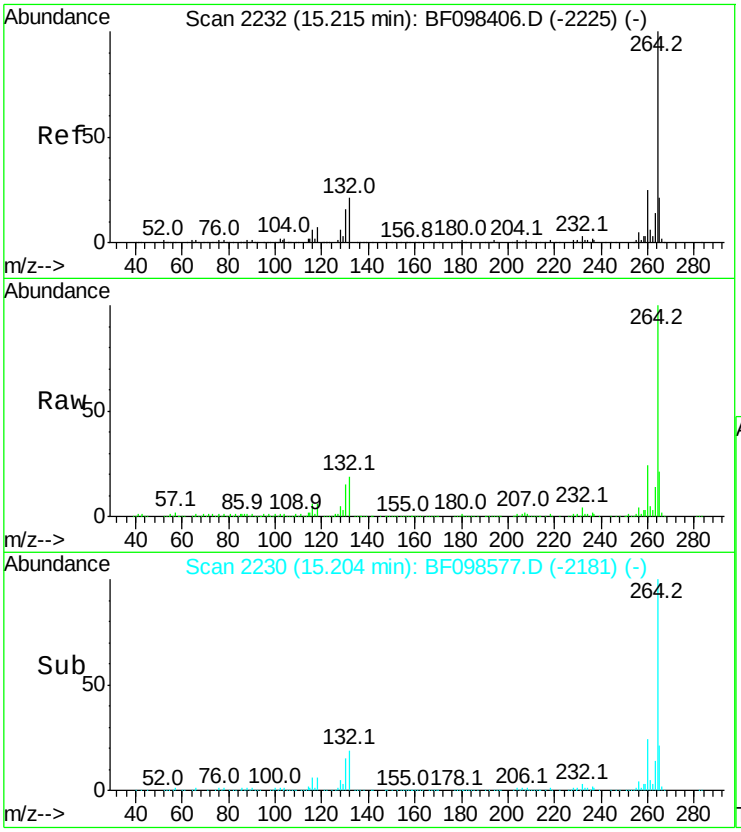


#85
Indeno(1,2,3-cd)pyrene
Concen: 38.933 ng
RT: 16.55 min Scan# 2459
Delta R.T. -0.01 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:276 Resp: 637979

Ion	Ratio	Lower	Upper
276	100		
138	31.3	27.8	41.6
277	26.1	20.2	30.4



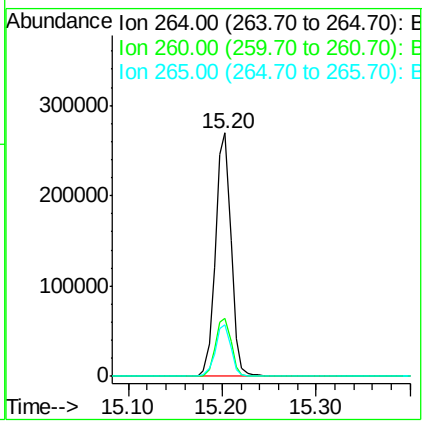


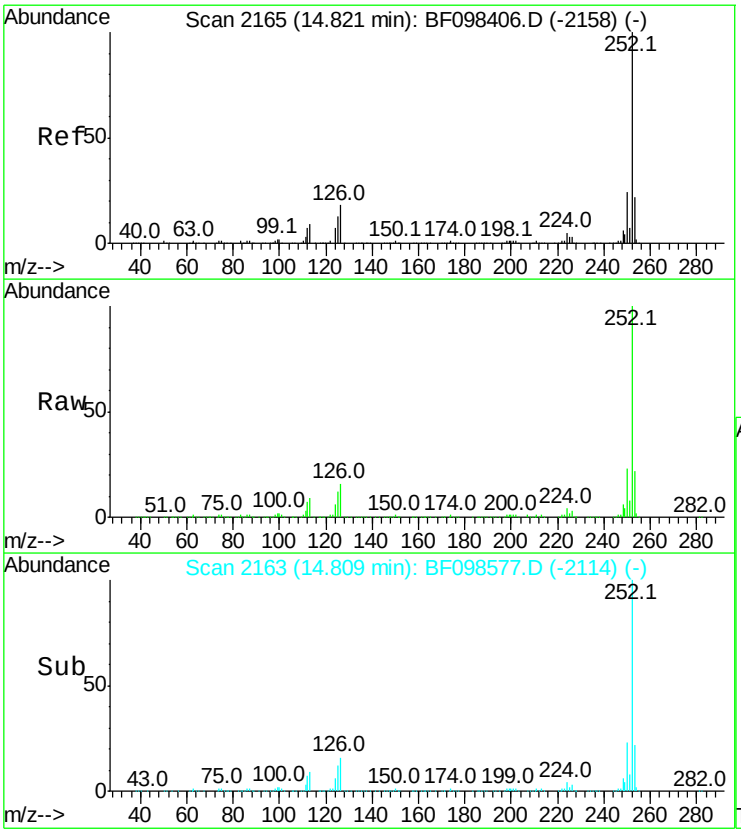
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:264 Resp: 315975

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.2	17.2	25.8

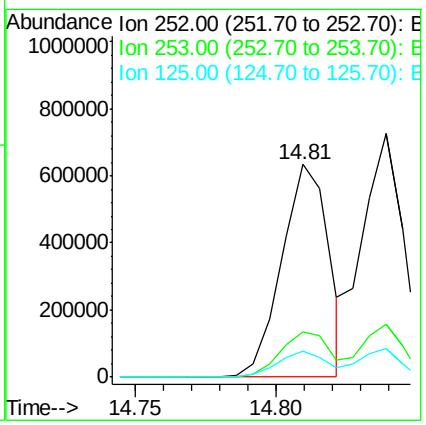


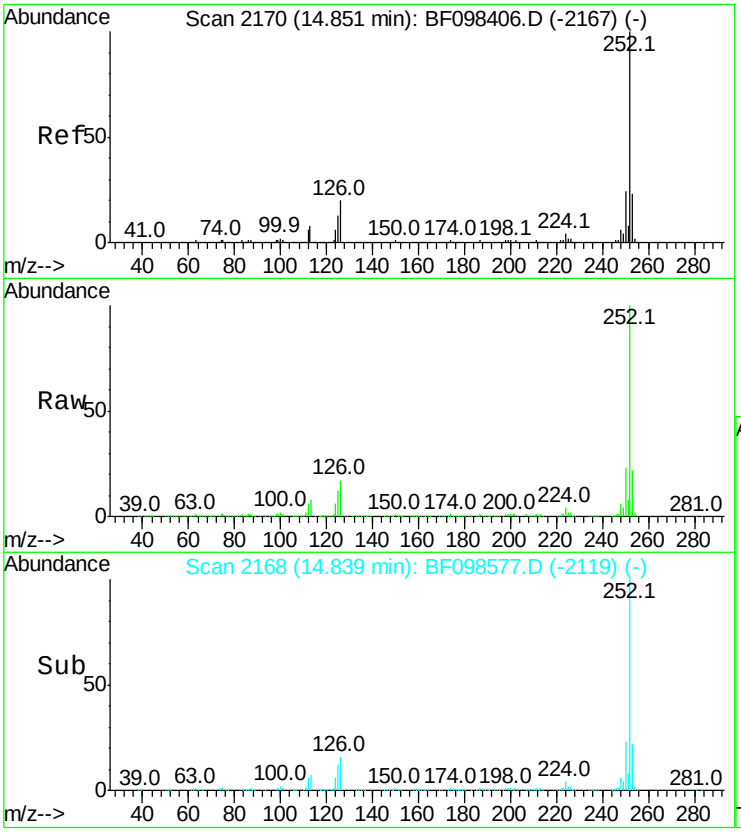


#87
Benzo(b)fluoranthene
Concen: 36.837 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:252 Resp: 731864

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	12.1	9.8	14.8



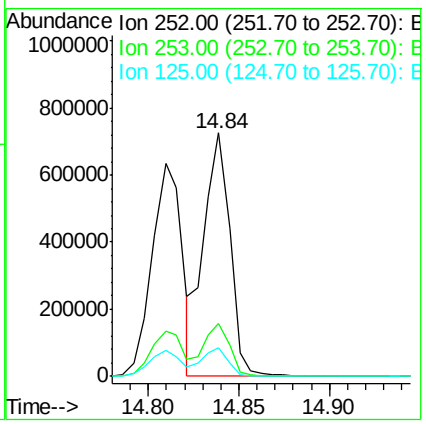


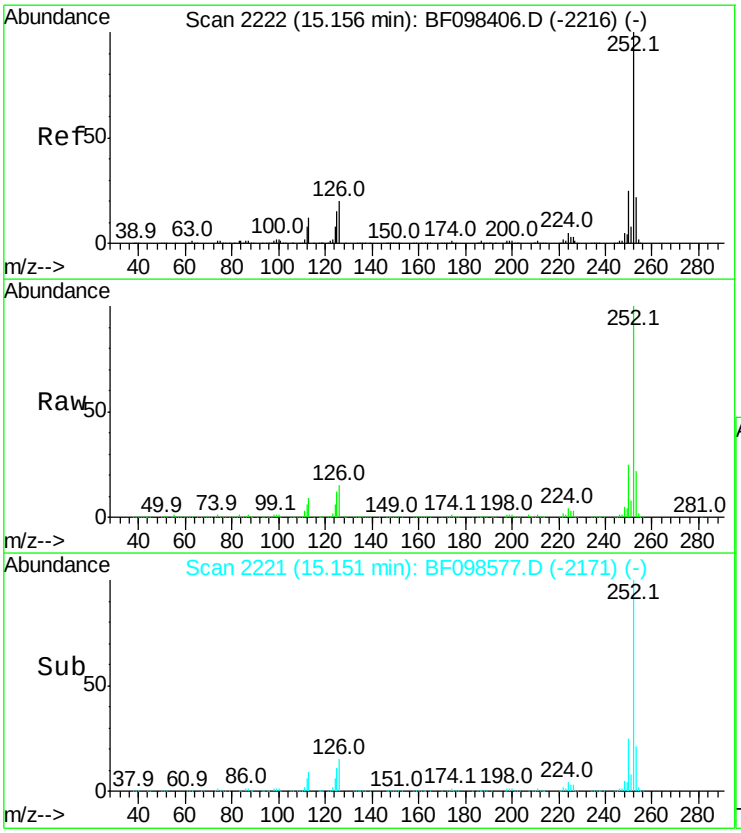
#88
Benzo(k)fluoranthene
Concen: 39.149 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:252 Resp: 726126

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	11.8	13.1	19.7#

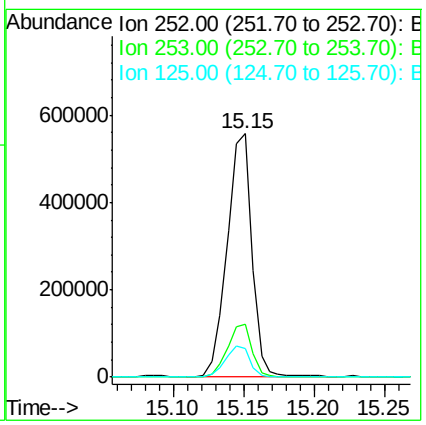


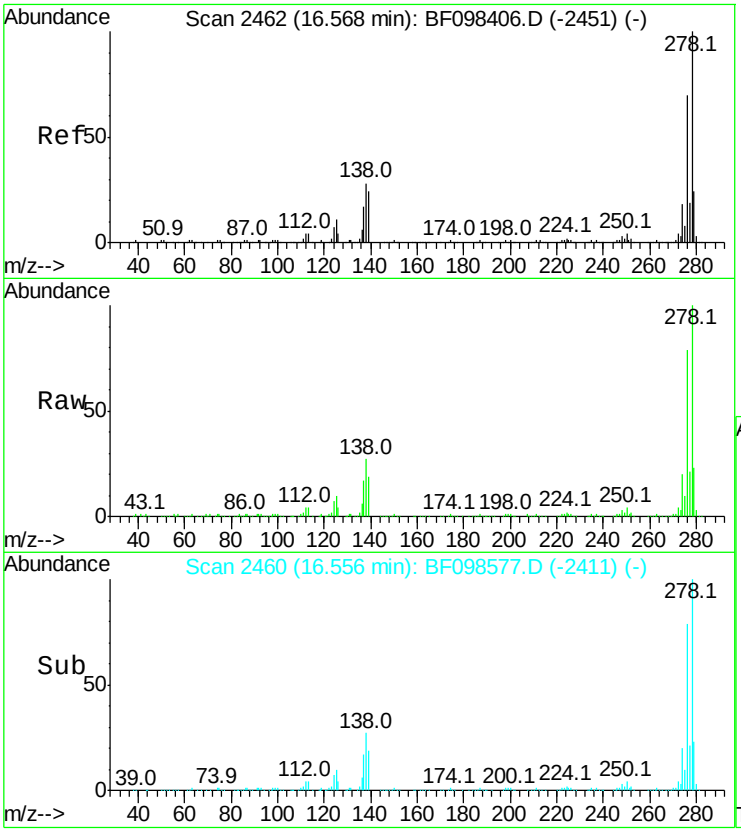


#89
Benzo(a)pyrene
Concen: 38.472 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:252 Resp: 680957

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	11.7	11.0	16.4



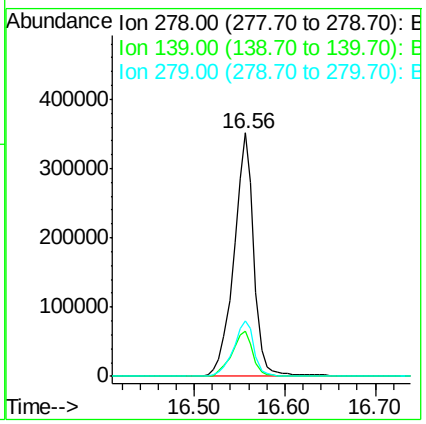


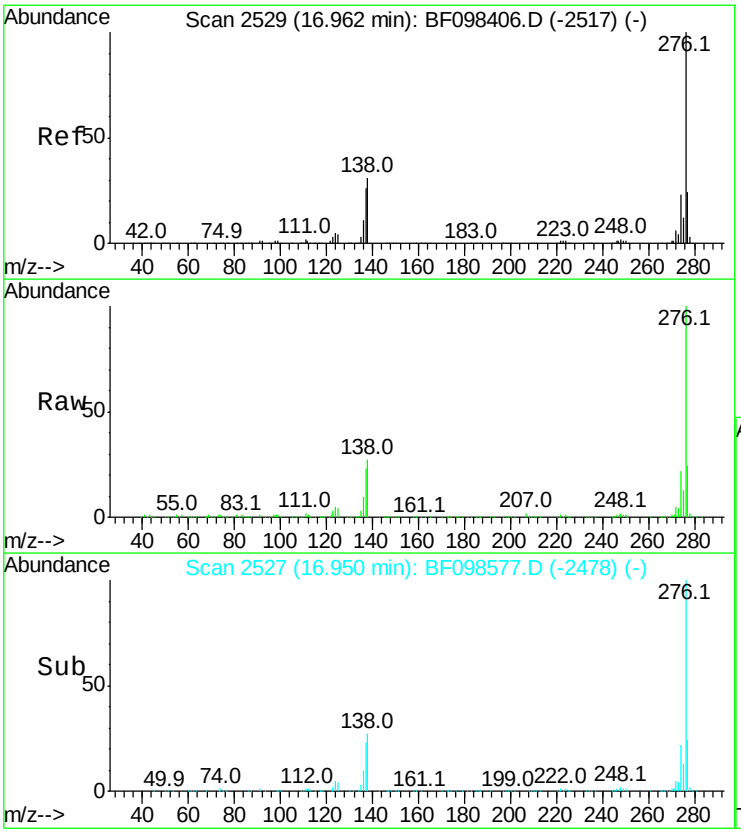
#90
Dibenzo(a,h)anthracene
Concen: 41.903 ng
RT: 16.56 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
UT5400S16MS

Tgt Ion:278 Resp: 539531

Ion	Ratio	Lower	Upper
278	100		
139	18.7	16.6	24.8
279	22.9	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 41.821 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF098577.D
Acq: 15 Sep 2017 19:07

Tgt Ion:276 Resp: 541605

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	26.6	25.4	38.0