Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
Data File : BF096643.D
Acq On : 11 Jul 2017 14:40
Operator : SJ/JU
Sample : I4114-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAA-SANDMS

Quant Time: Jul 11 16:55:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	108231	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	506827	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	213225	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	380329	20.00	ng		-0.01
75) Chrysene-d12	13.83	240	248325	20.00	ng		-0.02
86) Perylene-d12	15.22	264	189495	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	625011	85.23	ng		-0.01
7) Phenol-d6	6.33	99	763333	84.68	ng		-0.02
23) Nitrobenzene-d5	7.25	82	457013	54.18	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	162864	97.78	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	870072	69.77	ng		-0.02
78) Terphenyl-d14	12.78	244	688443	59.24	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	80036	23.018	ng	#	75
3) Pyridine	3.05	79	224265	23.507	ng	#	60
4) n-Nitrosodimethylamine	2.99	42	129730	27.550	ng		83
6) Aniline	6.35	93	280108	24.041	ng	#	58
8) 2-Chlorophenol	6.47	128	231944	29.661	ng		94
9) Benzaldehyde	6.23	77	148944	26.400	ng		99
10) Phenol	6.34	94	298179	29.034	ng		78
11) bis(2-Chloroethyl)ether	6.42	93	218586	27.541	ng		90
12) 1,3-Dichlorobenzene	6.63	146	239429	29.202	ng		98
13) 1,4-Dichlorobenzene	6.70	146	246368	30.063	ng		96
14) 1,2-Dichlorobenzene	6.86	146	230769	30.669	ng		97
15) Benzyl Alcohol	6.83	79	189823	31.500	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	472827	29.305	ng		91
17) 2-Methylphenol	6.95	107	189547	30.416	ng		94
18) Hexachloroethane	7.20	117	88049	29.636	ng	#	81
19) n-Nitroso-di-n-propylamine	7.10	70	154075	28.689	ng	#	86
20) 3+4-Methylphenols	7.10	107	227921	32.790	ng		96
22) Acetophenone	7.09	105	305273	27.566	ng	#	96
24) Nitrobenzene	7.26	77	231997	26.220	ng		94
25) Isophorone	7.51	82	427970	26.170	ng		96
26) 2-Nitrophenol	7.59	139	139083	29.698	ng		91
27) 2,4-Dimethylphenol	7.63	122	224281	28.125	ng		96
28) bis(2-Chloroethoxy)methane	7.72	93	310974	28.807	ng		99
29) 2,4-Dichlorophenol	7.83	162	209094	30.391	ng		95
30) 1,2,4-Trichlorobenzene	7.91	180	196279	30.243	ng		98
31) Naphthalene	7.99	128	717387	29.982	ng		99
32) Benzoic acid	7.72	122	44701	6.675	ng		93
33) 4-Chloroaniline	8.04	127	219798	22.116	ng		96
34) Hexachlorobutadiene	8.12	225	97735	29.361	ng		98
35) Caprolactam	8.40	113	46855	19.749	ng	#	57
36) 4-Chloro-3-methylphenol	8.53	107	211296	27.755	ng		89
37) 2-Methylnaphthalene	8.68	142	487257	31.992	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	165965	29.977	ng		99
40) Hexachlorocyclopentadiene	8.84	237	135344	50.276	ng		98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
Data File : BF096643.D
Acq On : 11 Jul 2017 14:40
Operator : SJ/JU
Sample : I4114-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAA-SANDMS

Quant Time: Jul 11 16:55:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	130430	29.780	ng		100
43) 2,4,5-Trichlorophenol	9.00	196	132193	30.526	ng		92
45) 1,1'-Biphenyl	9.15	154	540240	29.571	ng		98
46) 2-Chloronaphthalene	9.17	162	417142	30.638	ng		96
47) 2-Nitroaniline	9.26	65	155429	31.374	ng		91
48) Acenaphthylene	9.58	152	674504	31.265	ng		99
49) Dimethylphthalate	9.45	163	604978	38.007	ng		99
50) 2,6-Dinitrotoluene	9.50	165	112359	31.921	ng	#	81
51) Acenaphthene	9.75	154	389843	29.315	ng		98
52) 3-Nitroaniline	9.67	138	109418	24.923	ng		94
53) 2,4-Dinitrophenol	9.78	184	60029	32.109	ng	#	71
54) Dibenzofuran	9.92	168	581885	33.142	ng		99
55) 4-Nitrophenol	9.85	139	192660	52.945	ng	#	74
56) 2,4-Dinitrotoluene	9.91	165	151152	33.910	ng	#	89
57) Fluorene	10.27	166	432326	34.865	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.05	232	107914	36.018	ng	#	97
59) Diethylphthalate	10.15	149	487852	32.426	ng		100
60) 4-Chlorophenyl-phenylether	10.26	204	181509	33.643	ng		97
61) 4-Nitroaniline	10.28	138	124592	31.211	ng		91
62) Azobenzene	10.42	77	481909	33.126	ng		92
64) 4,6-Dinitro-2-methylphenol	10.32	198	61631	23.497	ng		91
65) n-Nitrosodiphenylamine	10.37	169	411811	30.860	ng		100
66) 4-Bromophenyl-phenylether	10.74	248	117762	31.807	ng		98
67) Hexachlorobenzene	10.82	284	122527	30.232	ng	#	89
68) Atrazine	10.90	200	119305	31.294	ng		93
69) Pentachlorophenol	11.01	266	117438	48.891	ng		99
70) Phenanthrene	11.22	178	643555	31.302	ng		98
71) Anthracene	11.27	178	668533	31.909	ng		99
72) Carbazole	11.43	167	604283	28.680	ng		99
73) Di-n-butylphthalate	11.77	149	772634	30.275	ng		98
74) Fluoranthene	12.40	202	649996	32.246	ng		98
76) Benzidine	12.53	184	289818	24.323	ng	#	92
77) Pyrene	12.63	202	621532	31.182	ng		98
79) Butylbenzylphthalate	13.26	149	320058	31.720	ng	#	81
80) Benzo(a)anthracene	13.82	228	445695	30.994	ng		99
81) 3,3'-Dichlorobenzidine	13.78	252	128448	21.748	ng	#	97
82) Chrysene	13.86	228	467362	31.036	ng		100
83) Bis(2-ethylhexyl)phthalate	13.82	149	379087	33.658	ng		99
84) Di-n-octyl phthalate	14.43	149	683298	30.808	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.56	276	358629	30.170	ng		98
87) Benzo(b)fluoranthene	14.83	252	393013	33.099	ng		98
88) Benzo(k)fluoranthene	14.86	252	341209	32.125	ng		97
89) Benzo(a)pyrene	15.17	252	329128	31.047	ng		99
90) Dibenzo(a,h)anthracene	16.58	278	298600	35.805	ng		97
91) Benzo(g,h,i)perylene	16.97	276	317014	36.684	ng		98

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

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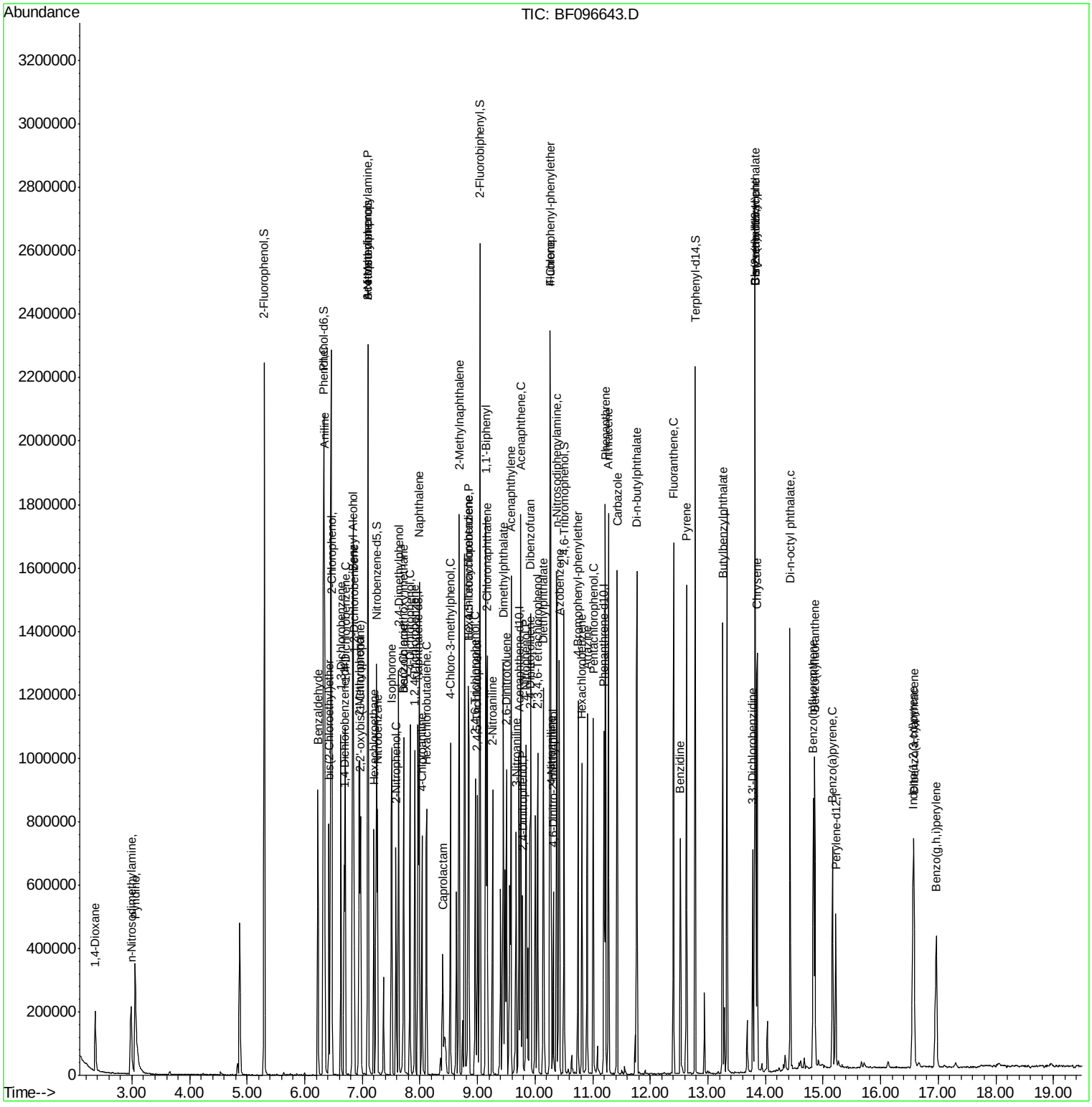
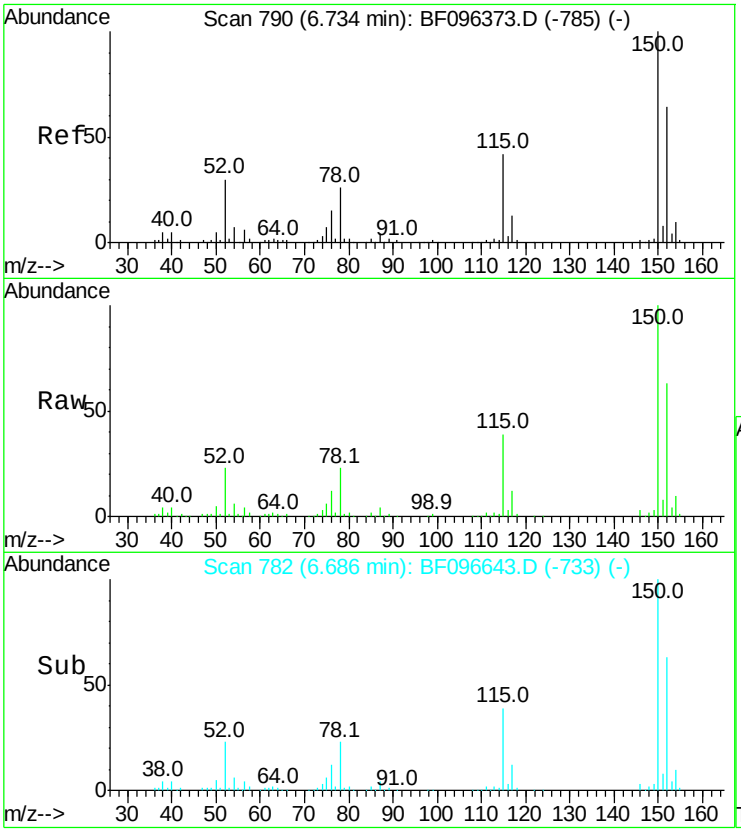
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
Data File : BF096643.D
Acq On : 11 Jul 2017 14:40
Operator : SJ/JU
Sample : I4114-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Quant Time: Jul 11 16:55:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration



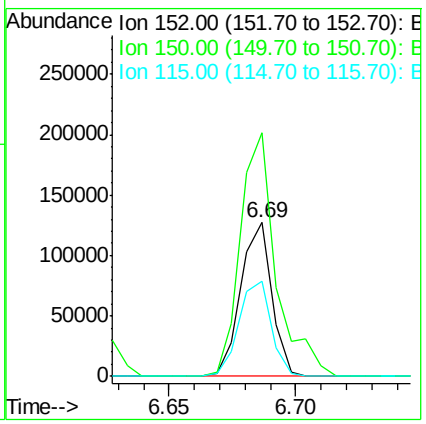


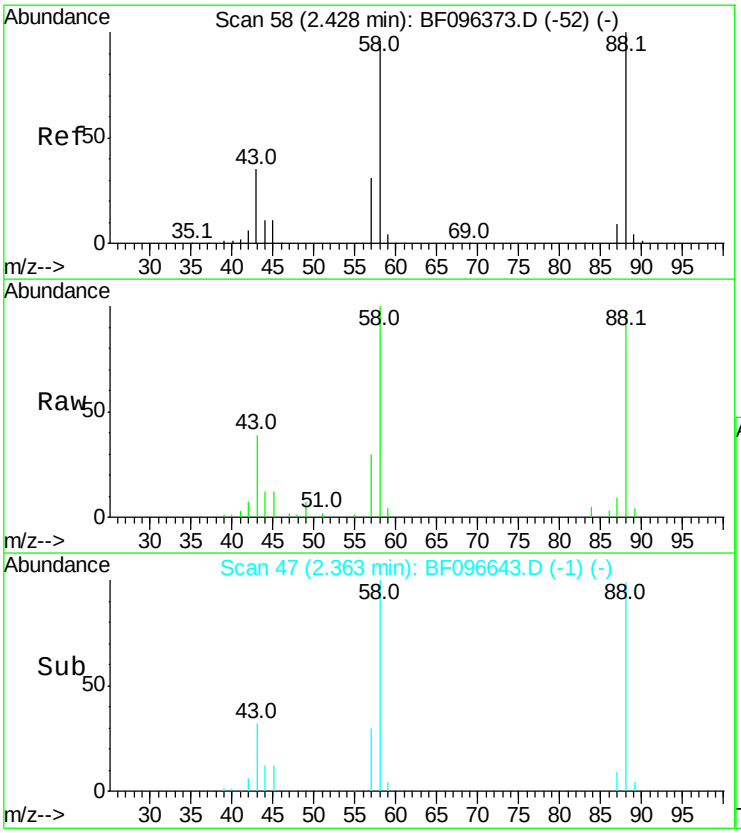
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:152 Resp: 108231

Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.2	189.2
115	62.3	52.2	78.2

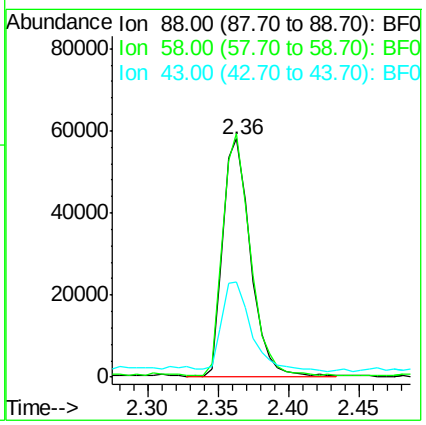


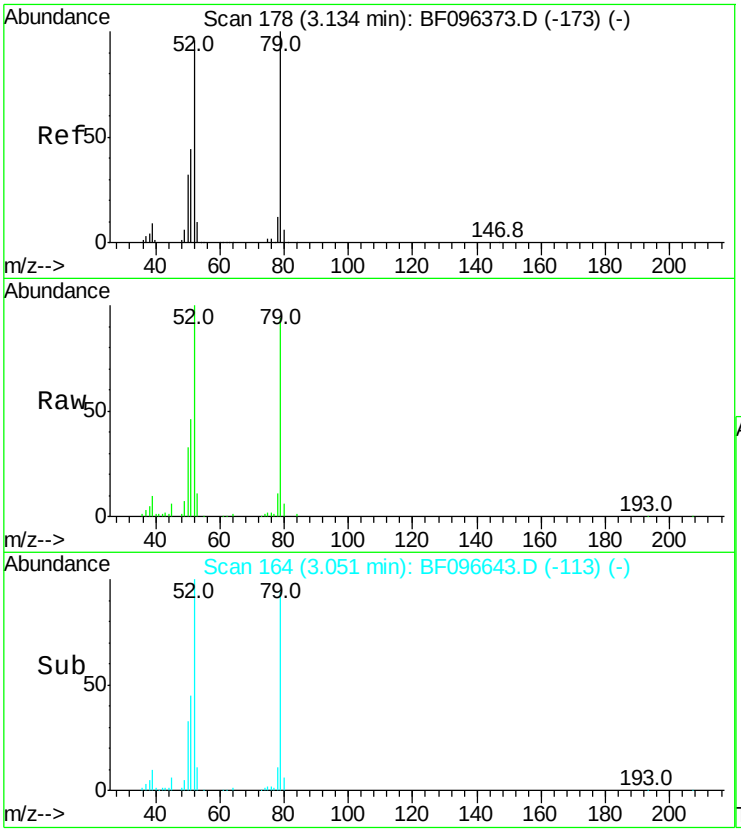


#2
1,4-Dioxane
Concen: 23.018 ng
RT: 2.36 min Scan# 47
Delta R.T. -0.00 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion: 88 Resp: 80036

Ion	Ratio	Lower	Upper
88	100		
58	100.1	61.4	92.0#
43	39.7	23.4	35.0#



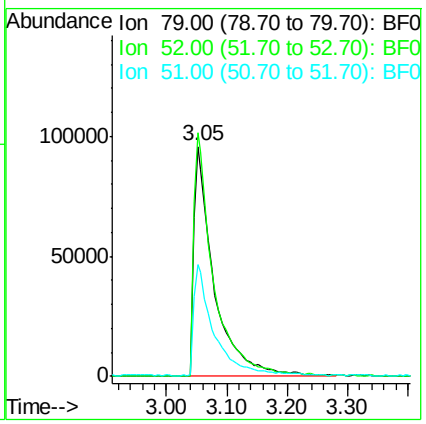


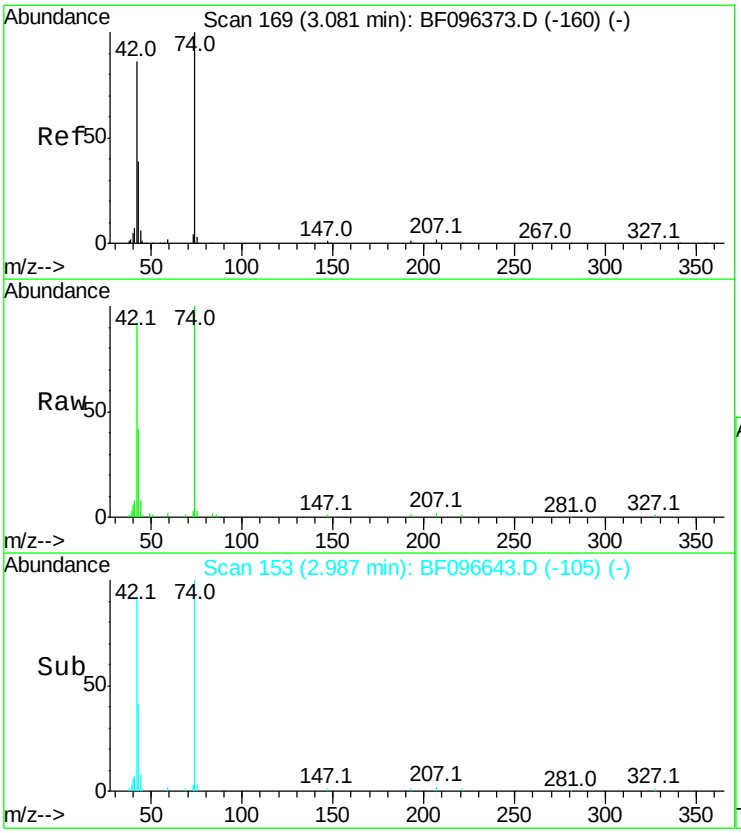
#3
Pyridine
Concen: 23.507 ng
RT: 3.05 min Scan# 164
Delta R.T. -0.00 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion: 79 Resp: 224265

Ion	Ratio	Lower	Upper
79	100		
52	106.1	54.8	82.2#
51	48.7	27.0	40.4#

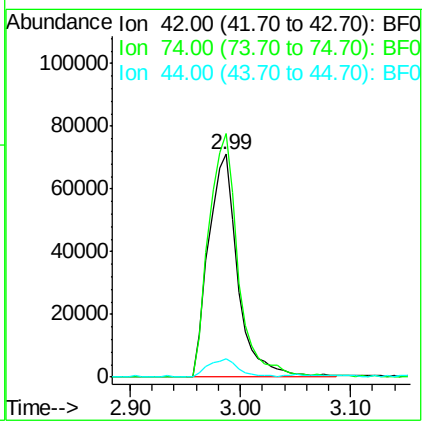


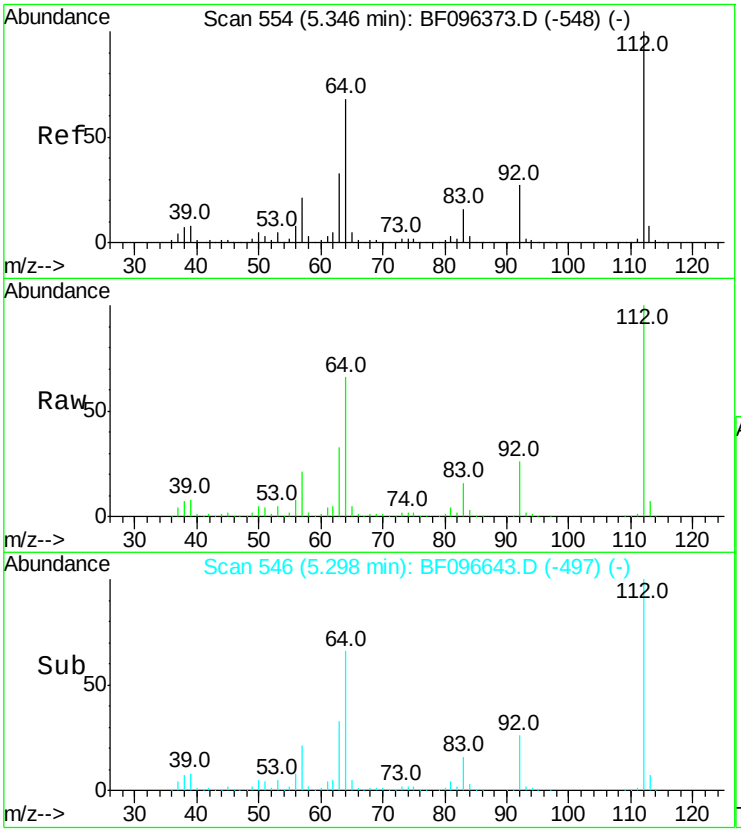


#4
n-Nitrosodimethylamine
Concen: 27.550 ng
RT: 2.99 min Scan# 153
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion: 42 Resp: 129730

Ion	Ratio	Lower	Upper
42	100		
74	109.2	103.9	155.9
44	8.2	5.7	8.5



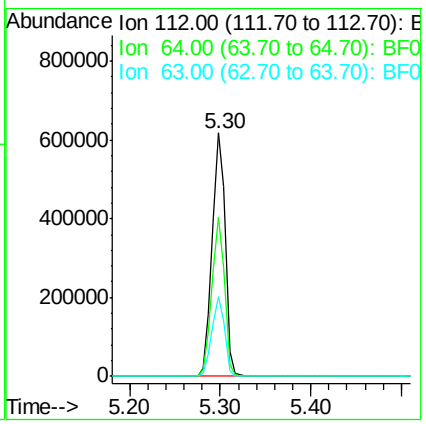


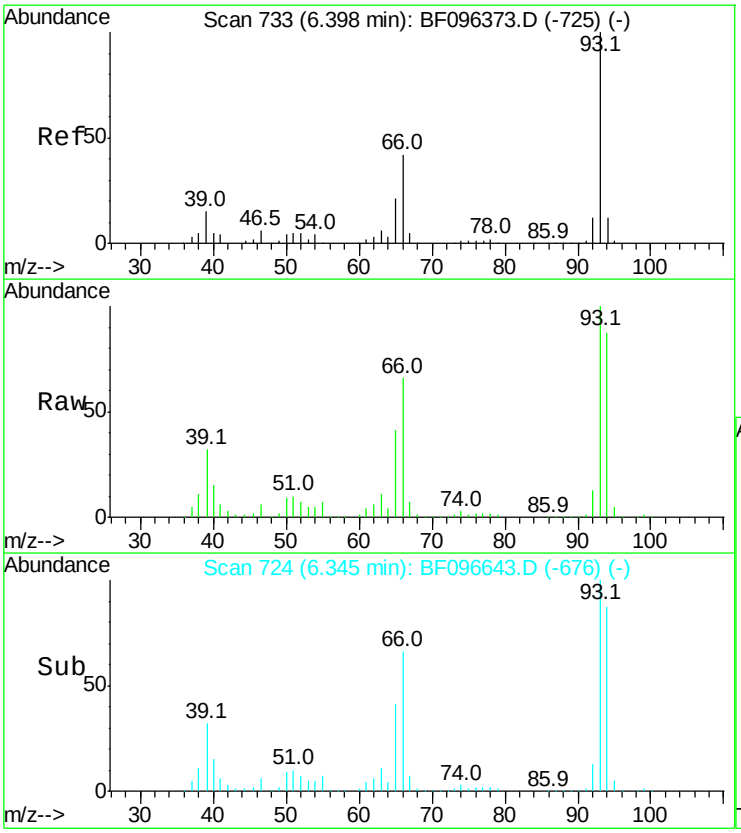
#5
2-Fluorophenol
Concen: 85.234 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:112 Resp: 625011

Ion	Ratio	Lower	Upper
112	100		
64	65.5	46.0	69.0
63	33.0	23.4	35.0

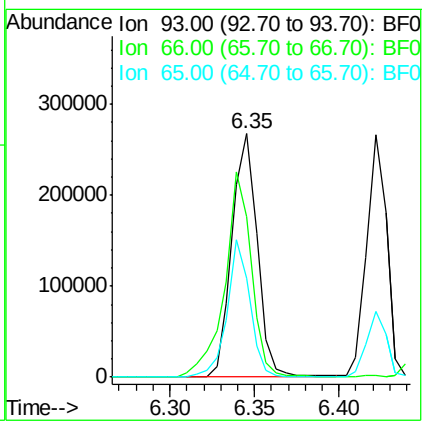


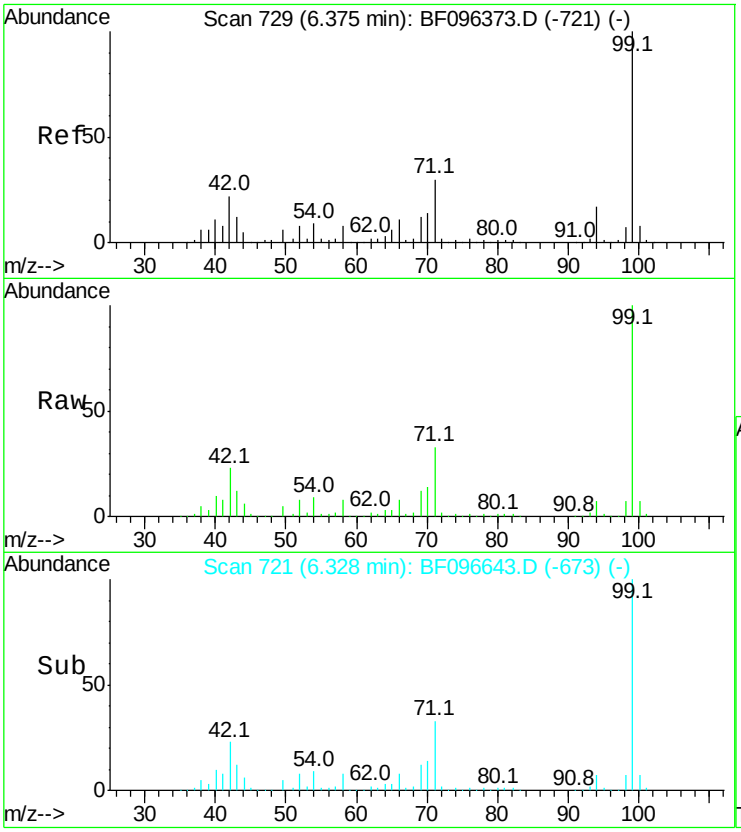


#6
Aniline
Concen: 24.041 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion: 93 Resp: 280108

Ion	Ratio	Lower	Upper
93	100		
66	66.1	32.9	49.3#
65	40.9	16.0	24.0#



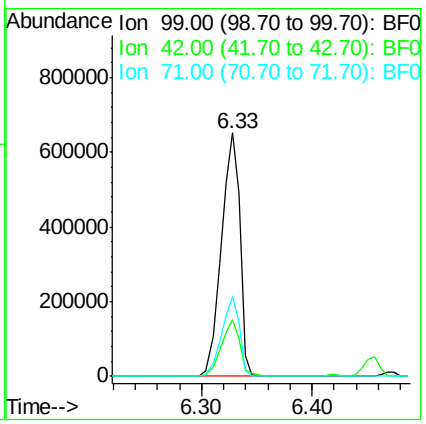


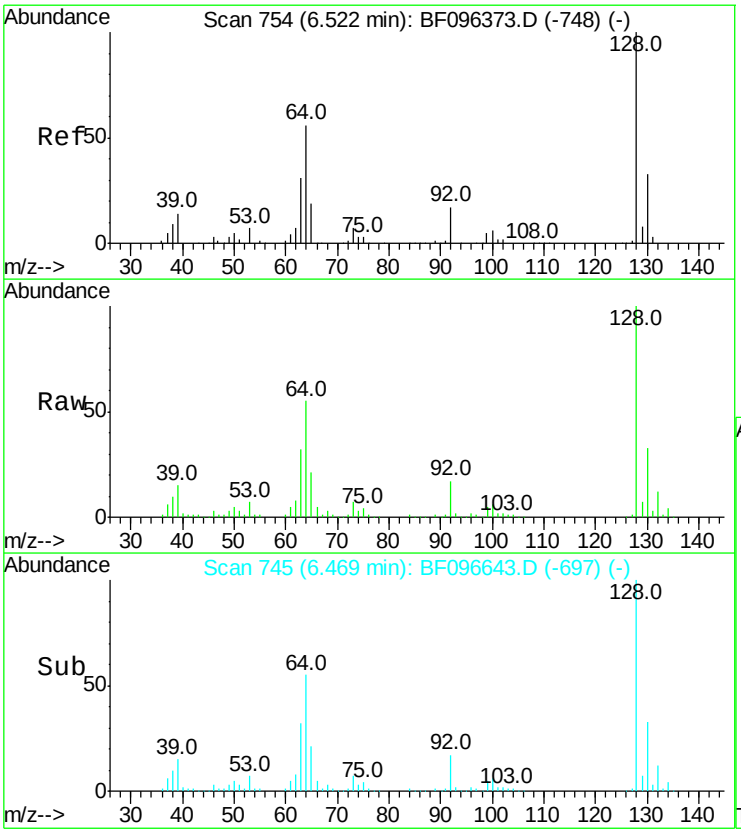
#7
Phenol-d6
Concen: 84.676 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion: 99 Resp: 763333

Ion	Ratio	Lower	Upper
99	100		
42	23.2	13.5	20.3#
71	32.5	24.5	36.7

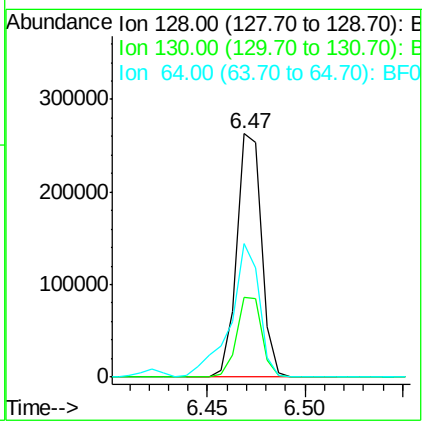


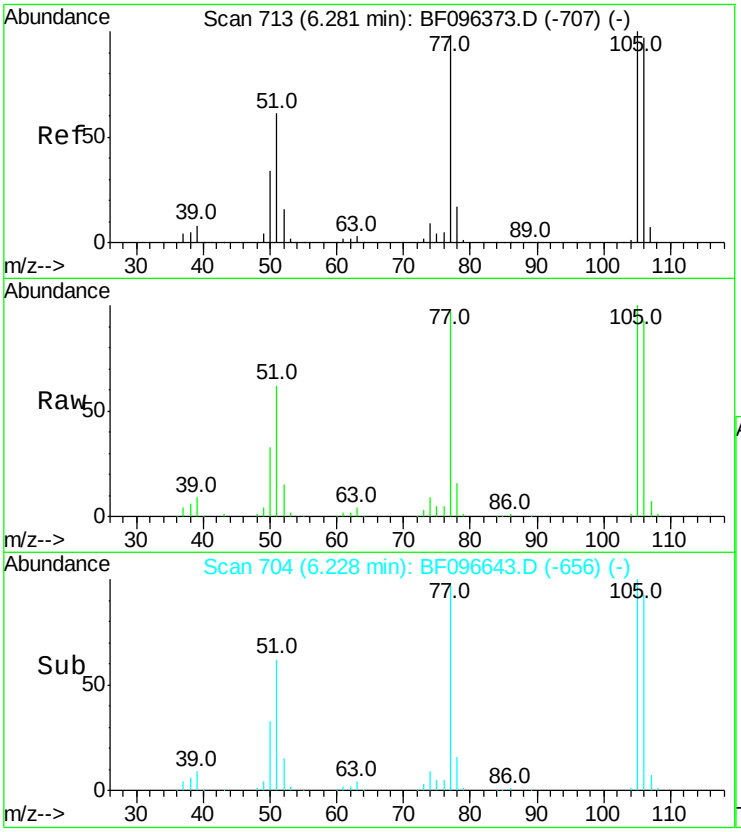


#8
2-Chlorophenol
Concen: 29.661 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:128 Resp: 231944

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.9	52.9
64	55.0	28.4	68.4



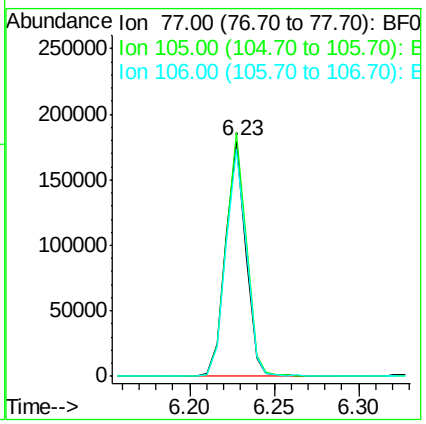


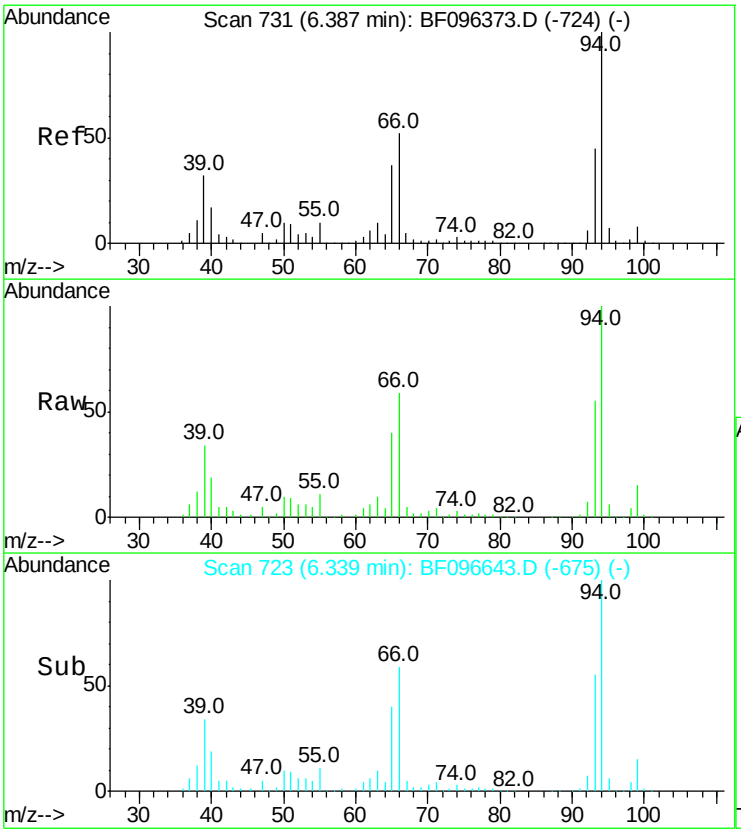
#9
Benzaldehyde
Concen: 26.400 ng
RT: 6.23 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion: 77 Resp: 148944

Ion	Ratio	Lower	Upper
77	100		
105	103.6	83.8	123.8
106	96.4	79.1	119.1

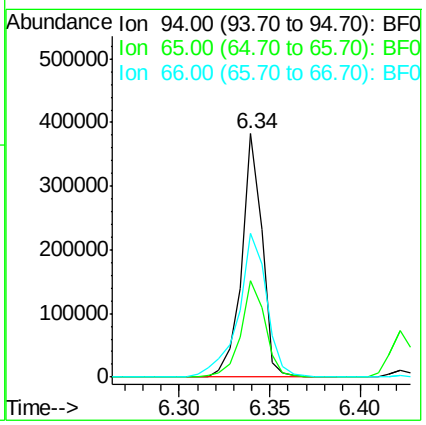


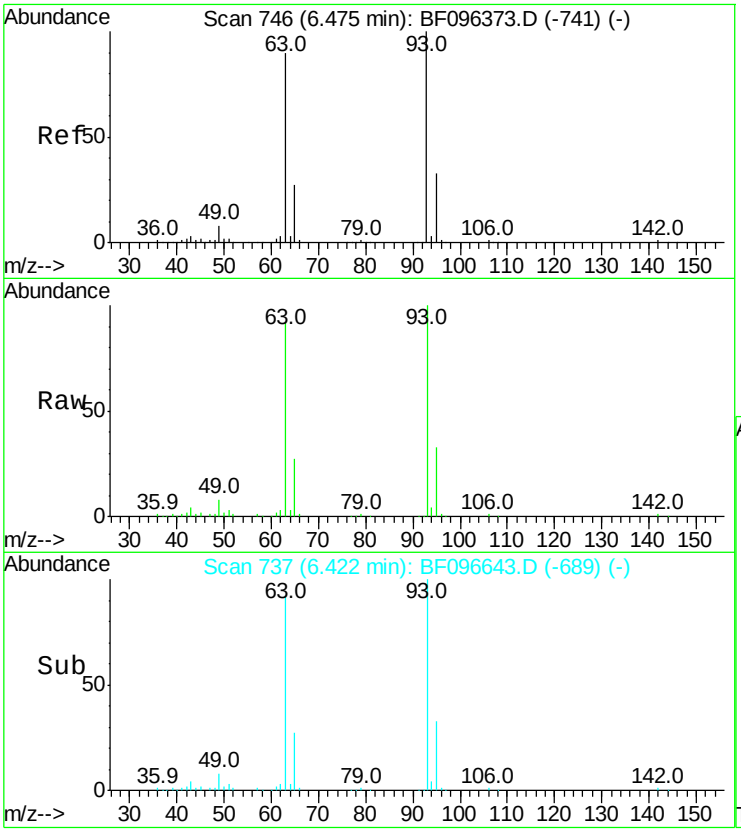


#10
Phenol
Concen: 29.034 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion: 94 Resp: 298179

Ion	Ratio	Lower	Upper
94	100		
65	39.6	9.9	49.9
66	58.9	23.1	63.1



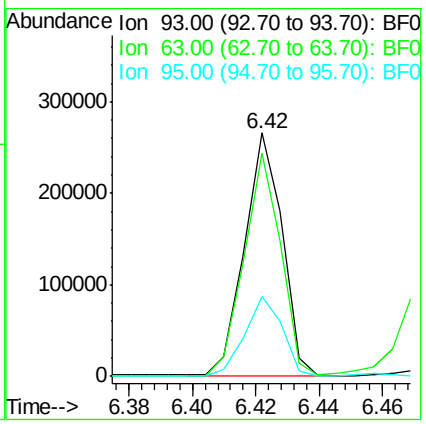


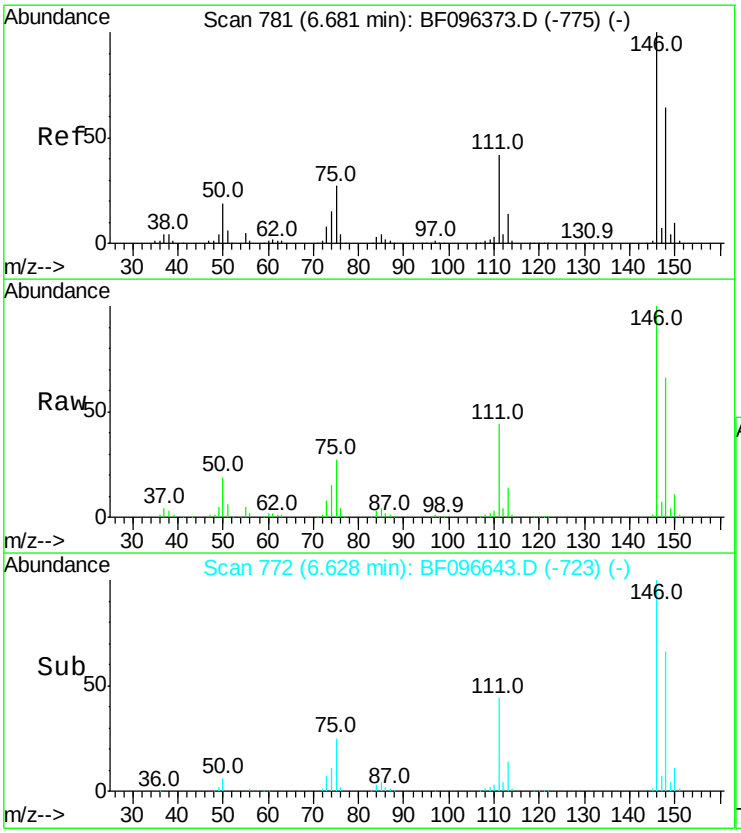
#11
bis(2-Chloroethyl)ether
Concen: 27.541 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion: 93 Resp: 218586

Ion	Ratio	Lower	Upper
93	100		
63	91.5	59.2	99.2
95	32.7	12.8	52.8

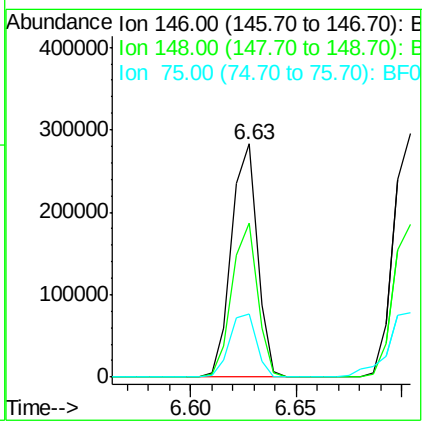


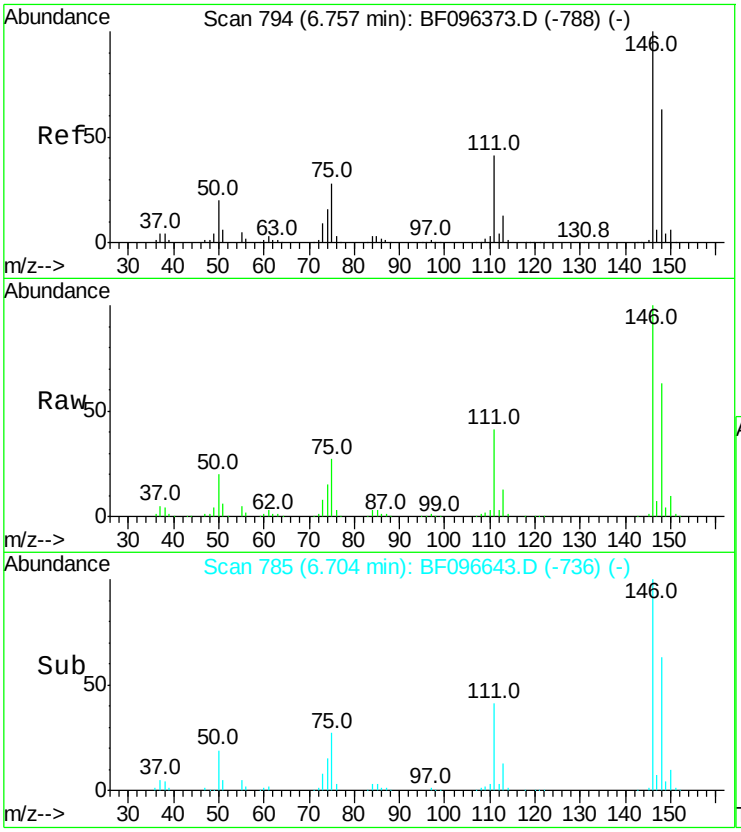


#12
1,3-Dichlorobenzene
Concen: 29.202 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:146 Resp: 239429

Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.8	77.6
75	26.9	23.1	34.7



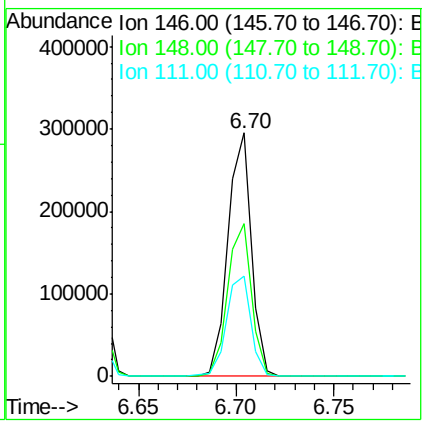


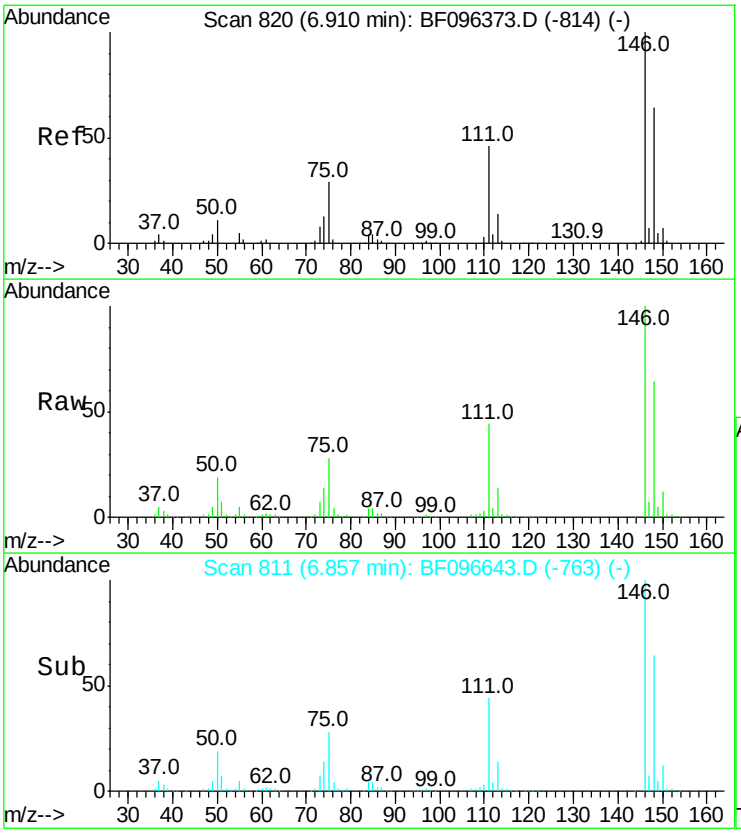
#13
1,4-Dichlorobenzene
Concen: 30.063 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:146 Resp: 246368

Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.2	78.2
111	41.0	30.3	45.5

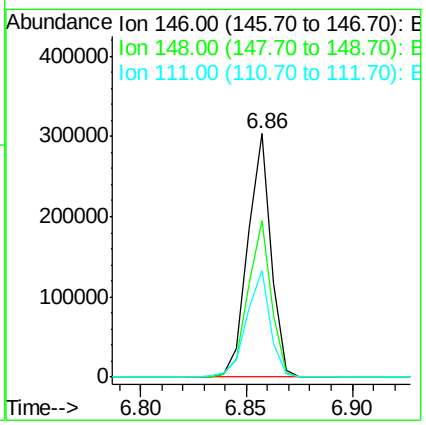


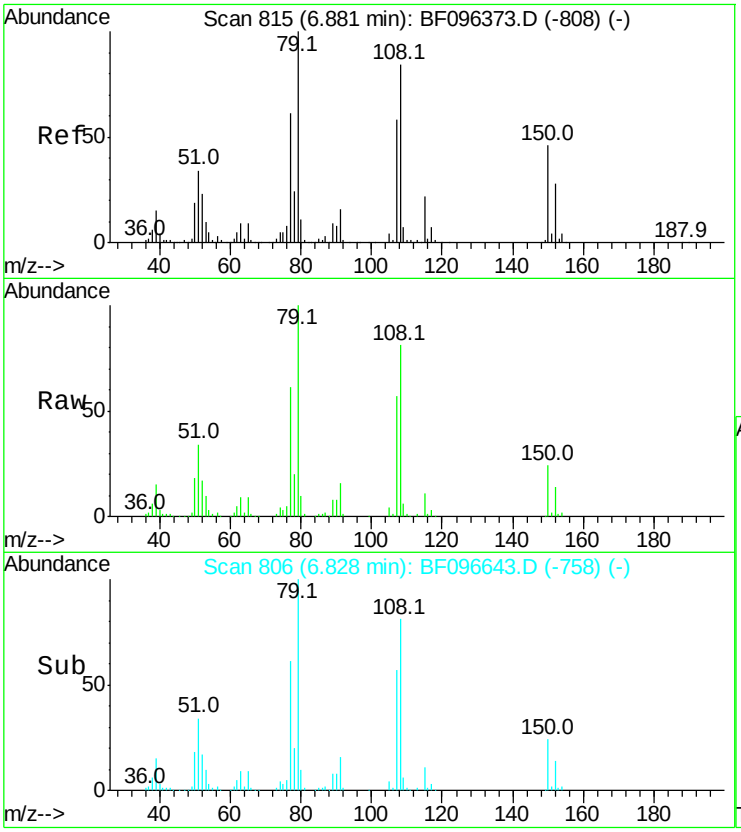


#14
1,2-Dichlorobenzene
Concen: 30.669 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:146 Resp: 230769

Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.4	75.6
111	43.9	38.2	57.4



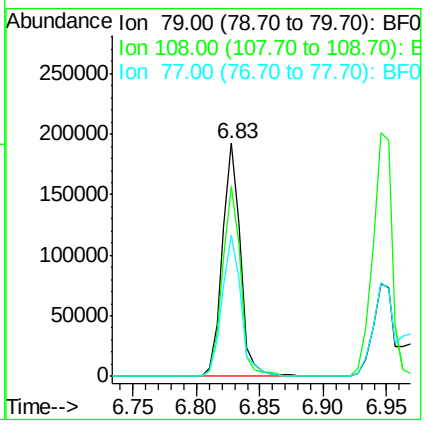


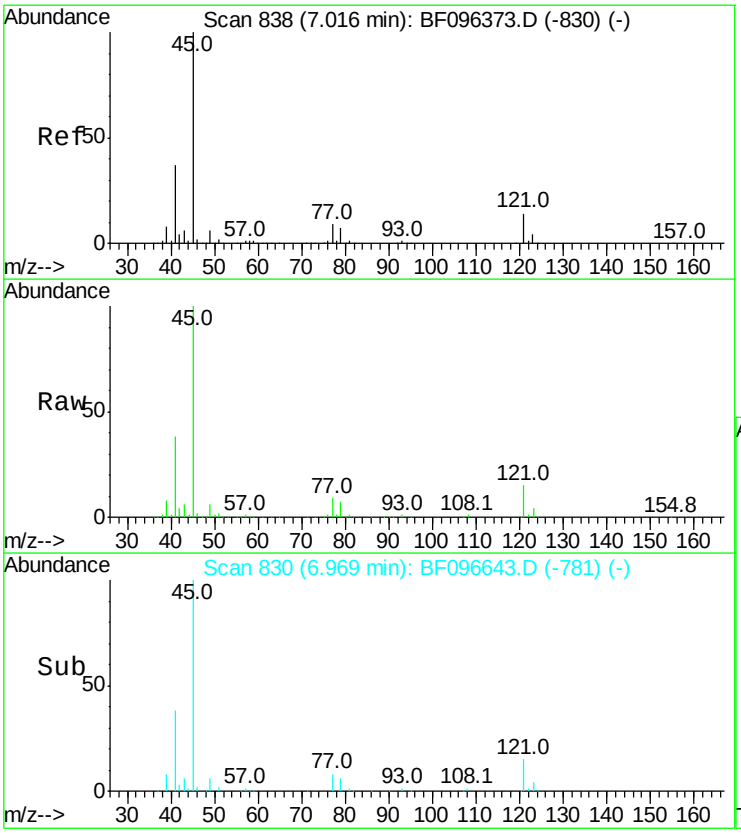
#15
Benzyl Alcohol
Concen: 31.500 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion: 79 Resp: 189823

Ion	Ratio	Lower	Upper
79	100		
108	81.2	63.4	95.0
77	60.5	49.2	73.8

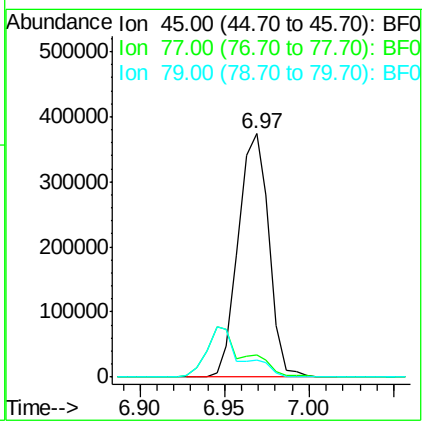


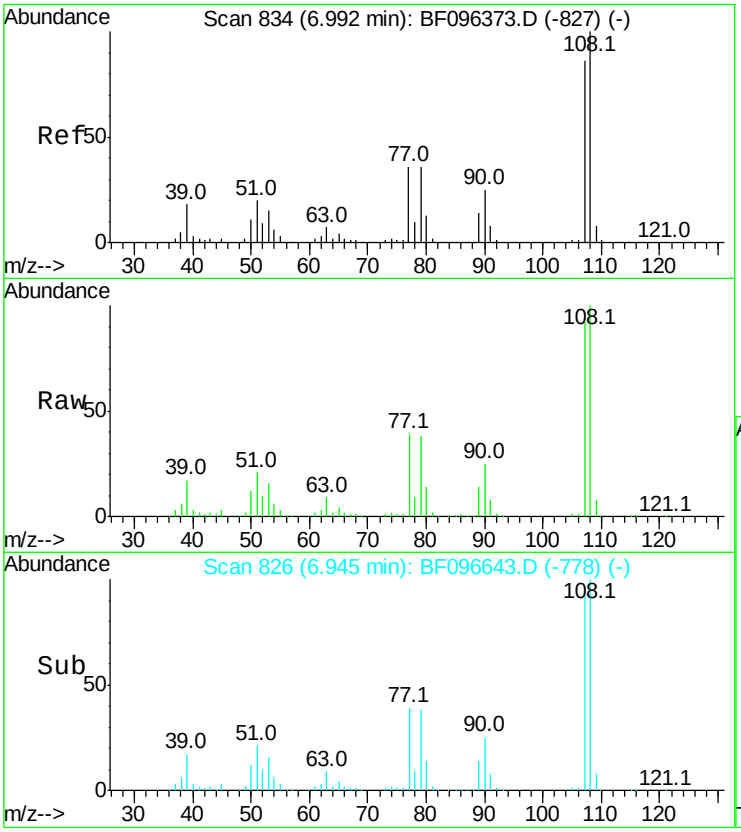


#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.305 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion: 45 Resp: 472827

Ion	Ratio	Lower	Upper
45	100		
77	9.4	0.0	33.2
79	7.2	0.0	30.0



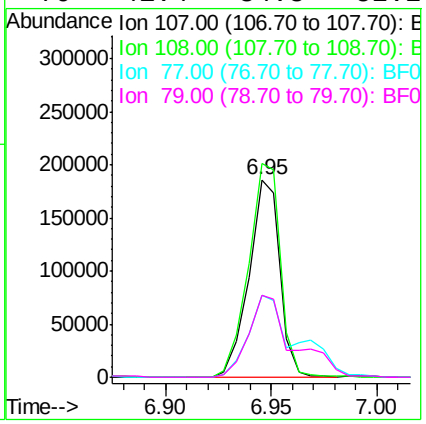


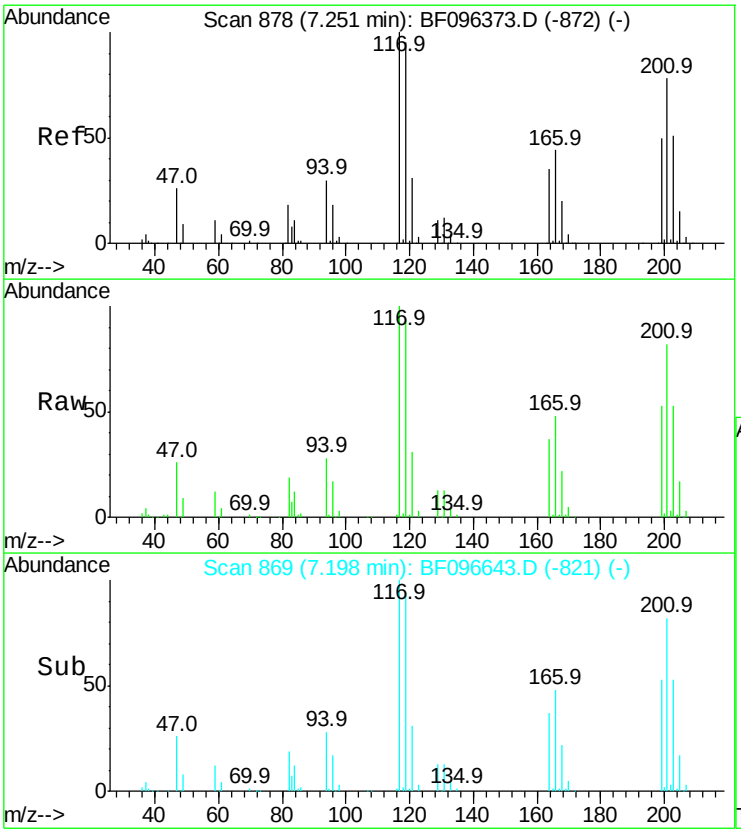
#17
2-Methylphenol
Concen: 30.416 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:107 Resp: 189547

Ion	Ratio	Lower	Upper
107	100		
108	108.3	93.4	140.0
77	41.7	35.8	53.6
79	41.4	34.8	52.2

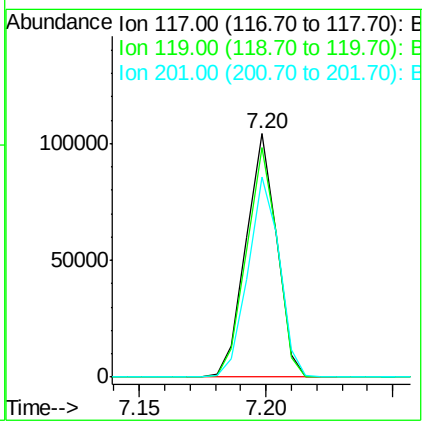


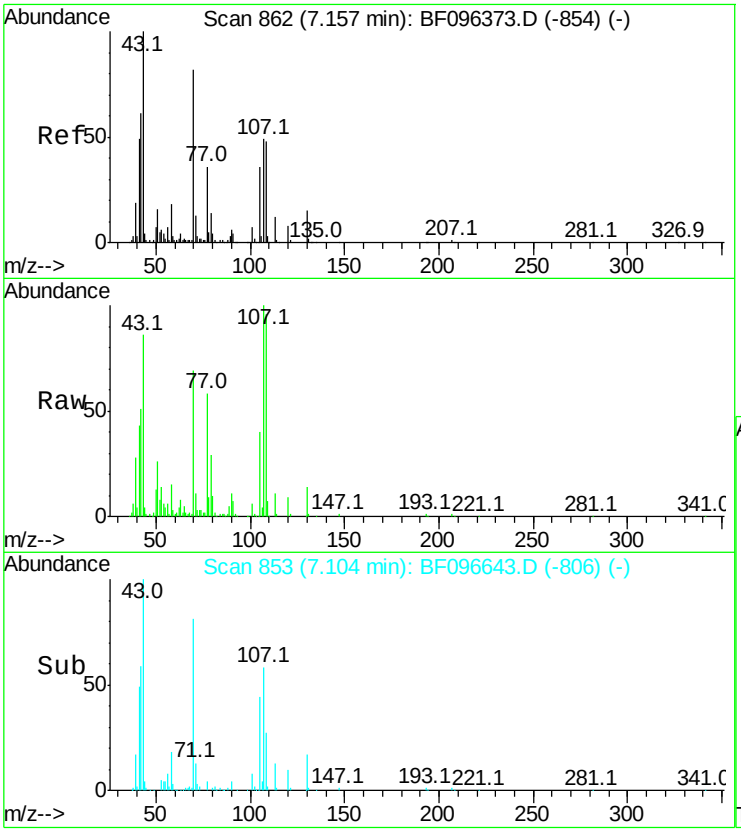


#18
Hexachloroethane
Concen: 29.636 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:117 Resp: 88049

Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.4	116.0
201	82.2	94.6	141.8#



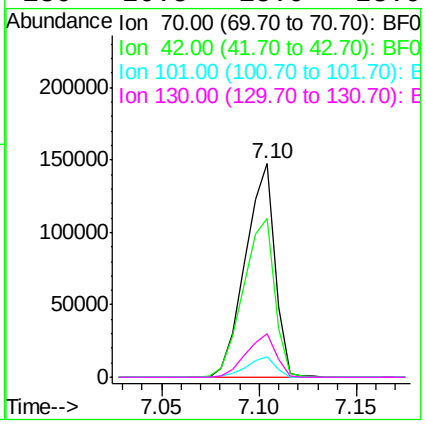


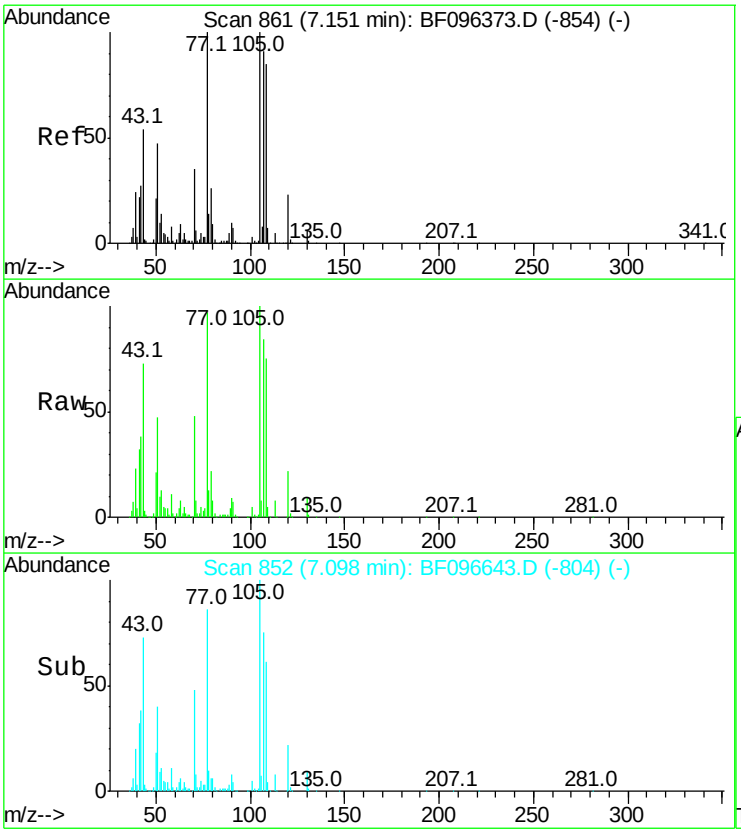
#19
n-Nitroso-di-n-propylamine
Concen: 28.689 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion: 70 Resp: 154075

Ion	Ratio	Lower	Upper
70	100		
42	74.1	47.2	70.8#
101	9.3	7.2	10.8
130	20.5	15.9	23.9

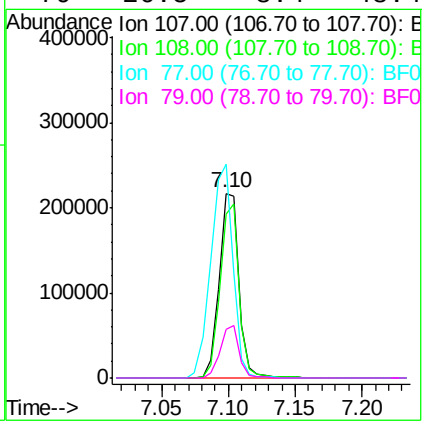


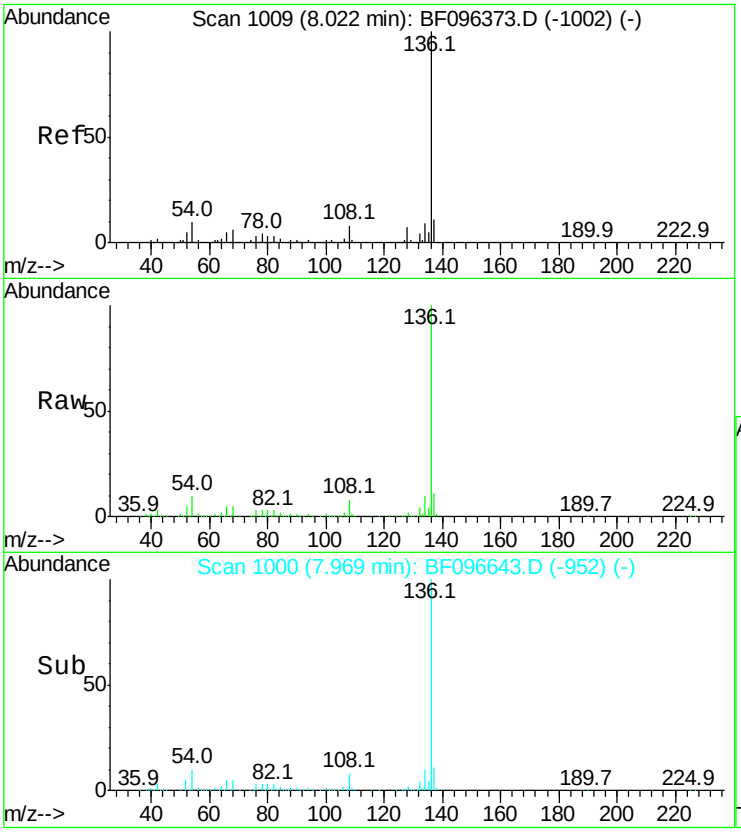


#20
3+4-Methylphenols
Concen: 32.790 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:107 Resp: 227921

Ion	Ratio	Lower	Upper
107	100		
108	88.7	71.0	111.0
77	115.6	90.5	130.5
79	26.5	8.4	48.4



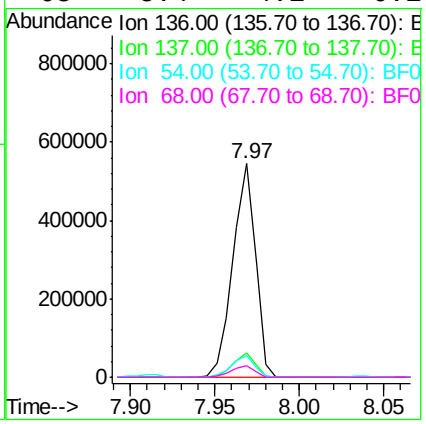


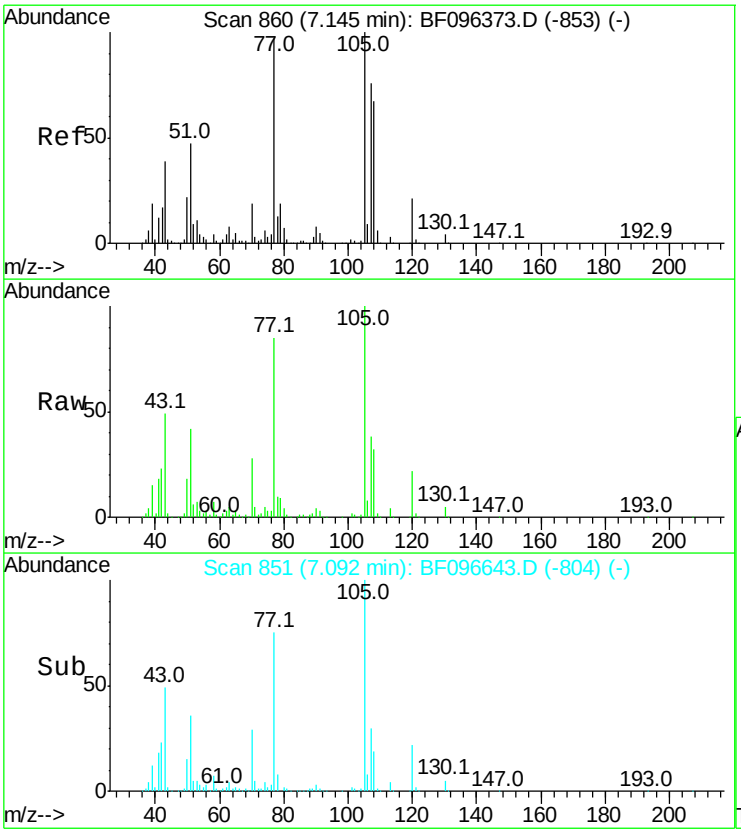
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:136 Resp: 506827

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	10.2	4.9	7.3#
68	5.4	4.1	6.1

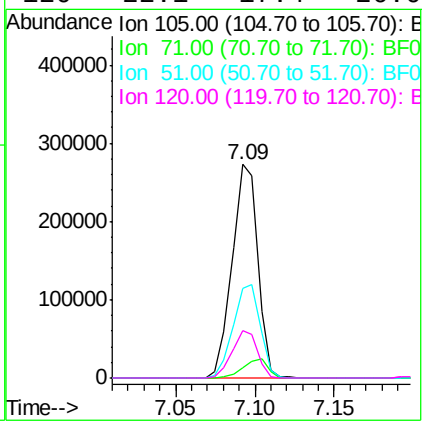


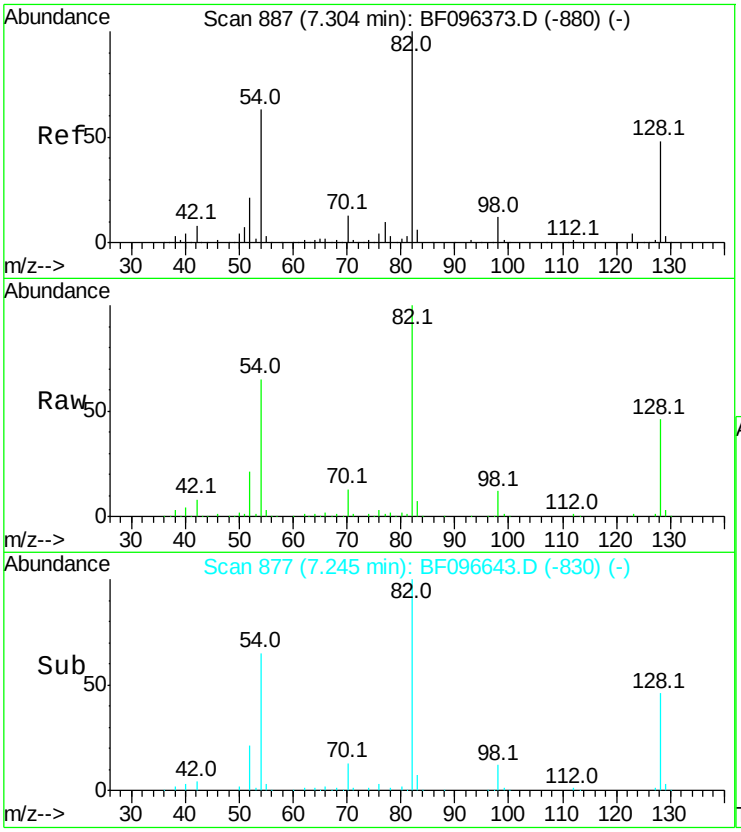


#22
Acetophenone
Concen: 27.566 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:105 Resp: 305273

Ion	Ratio	Lower	Upper
105	100		
71	4.8	2.8	4.2#
51	41.9	30.7	46.1
120	22.1	17.4	26.0



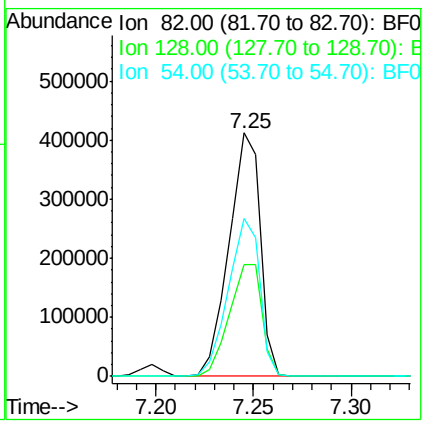


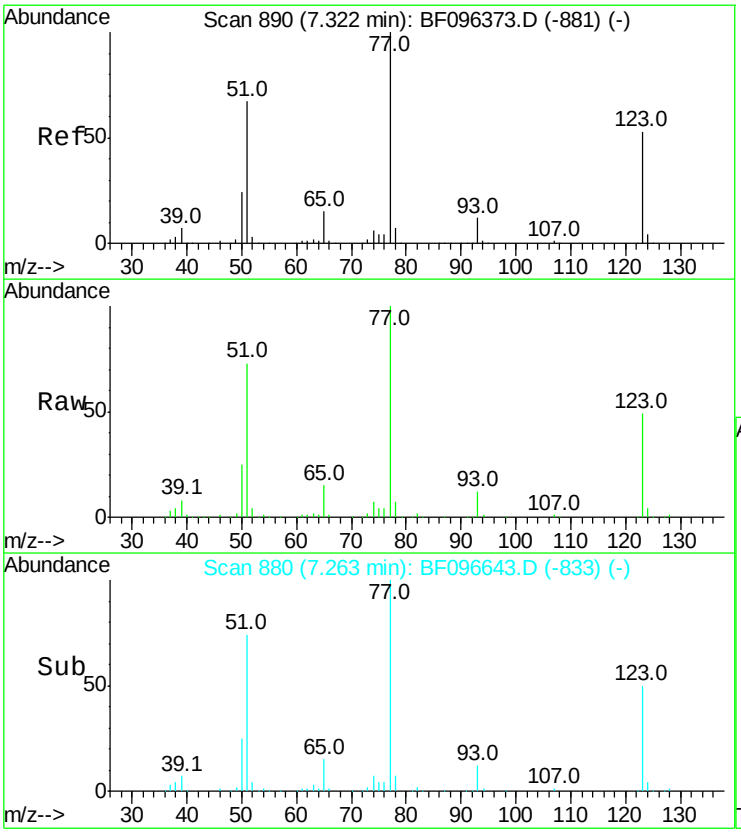
#23
Nitrobenzene-d5
Concen: 54.185 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion: 82 Resp: 457013

Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.0	51.0
54	65.1	42.2	63.2#

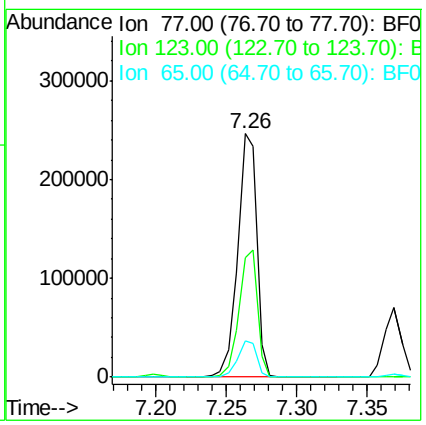


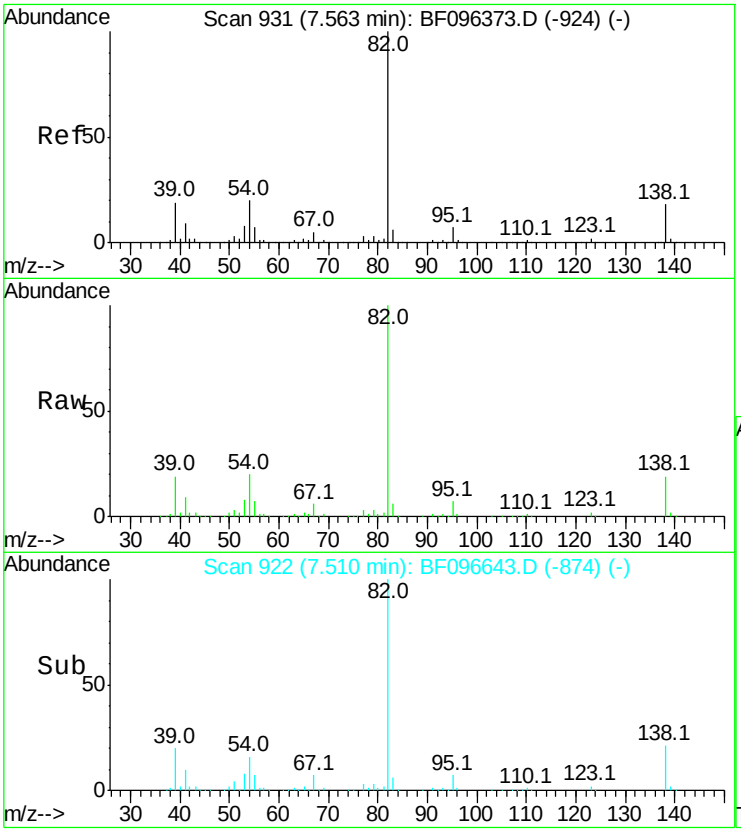


#24
Nitrobenzene
Concen: 26.220 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion: 77 Resp: 231997

Ion	Ratio	Lower	Upper
77	100		
123	49.3	35.8	53.8
65	14.8	10.6	15.8



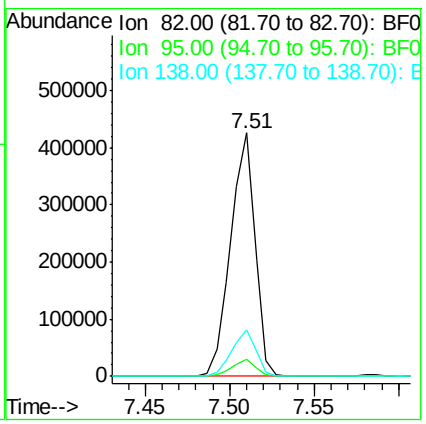


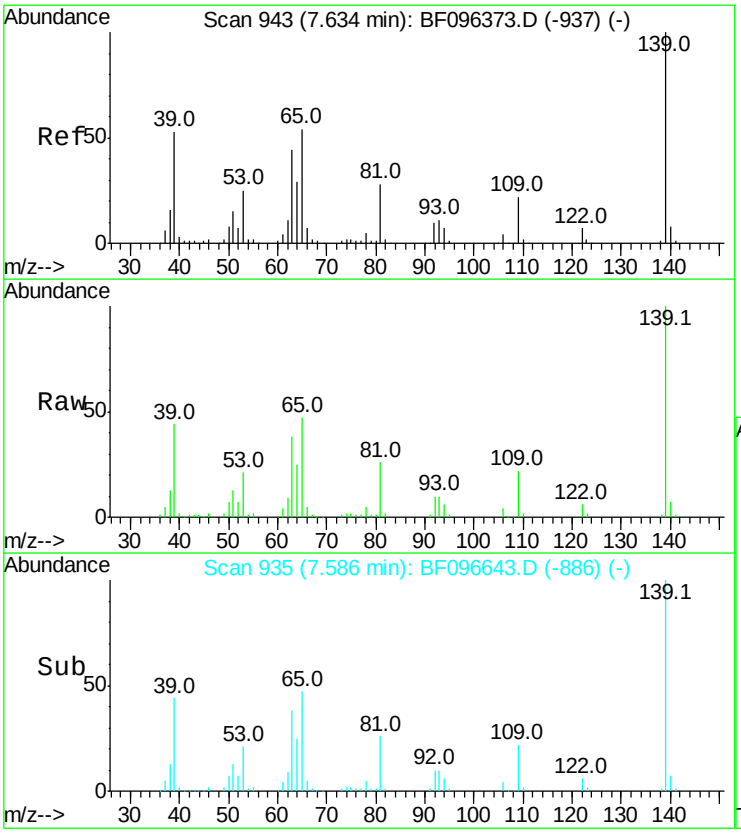
#25
Isophorone
Concen: 26.170 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion: 82 Resp: 427970

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.3	7.9
138	18.9	13.1	19.7

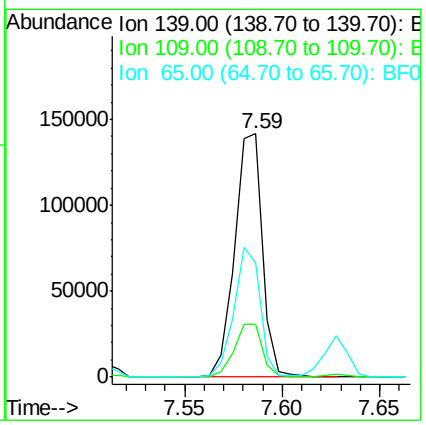


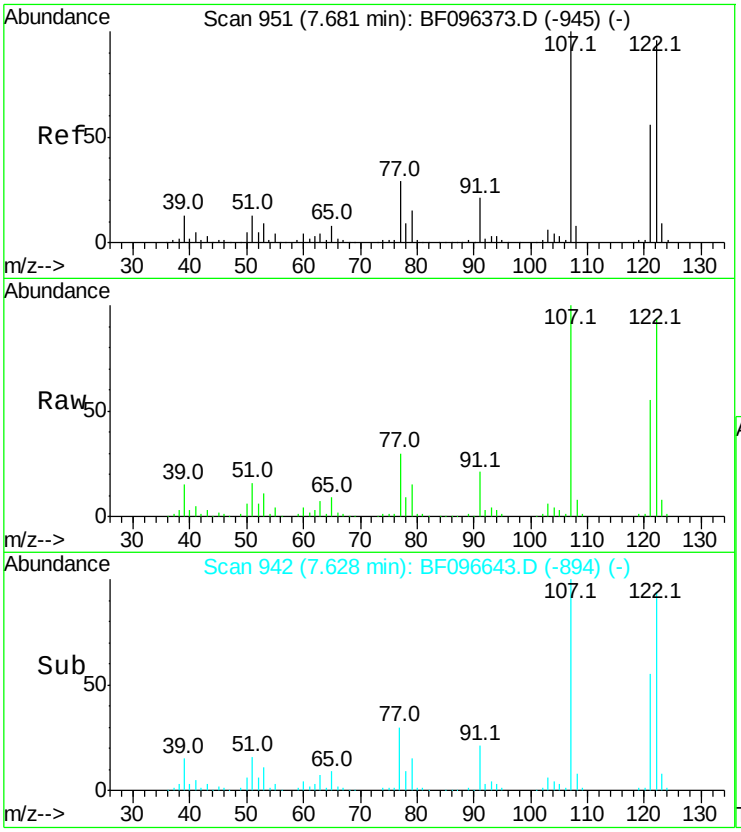


#26
2-Nitrophenol
Concen: 29.698 ng
RT: 7.59 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:139 Resp: 139083

Ion	Ratio	Lower	Upper
139	100		
109	21.7	21.0	31.6
65	47.2	33.0	49.6



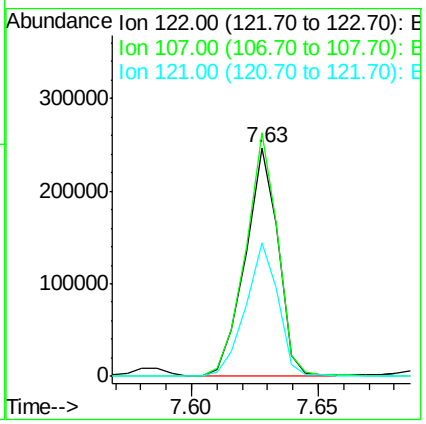


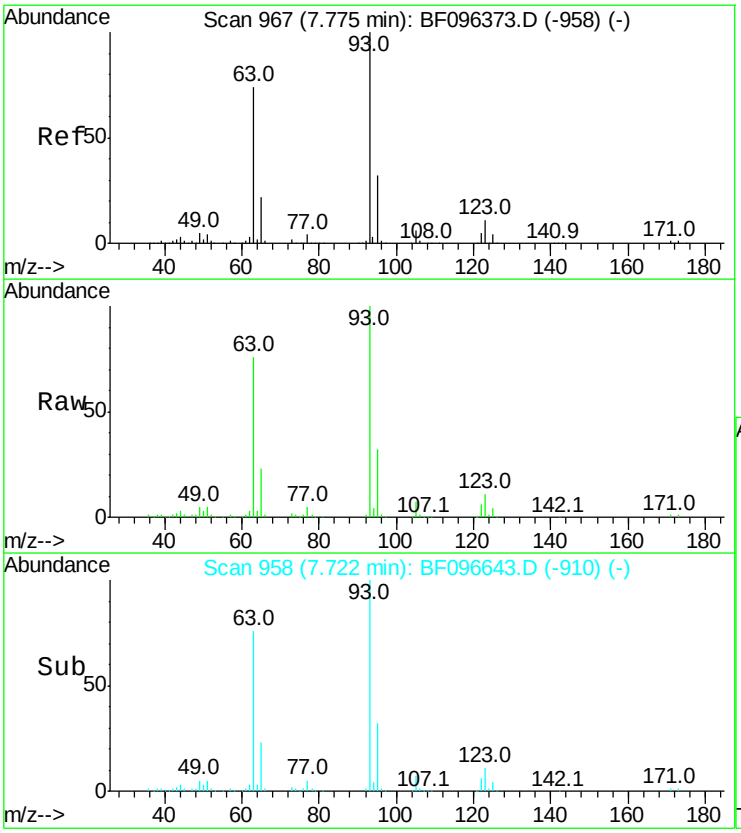
#27
2,4-Dimethylphenol
Concen: 28.125 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:122 Resp: 224281

Ion	Ratio	Lower	Upper
122	100		
107	106.5	89.2	133.8
121	58.2	45.2	67.8

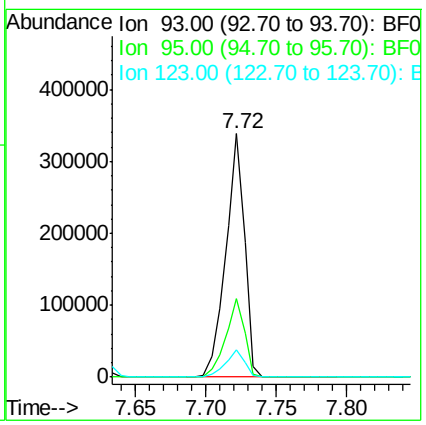


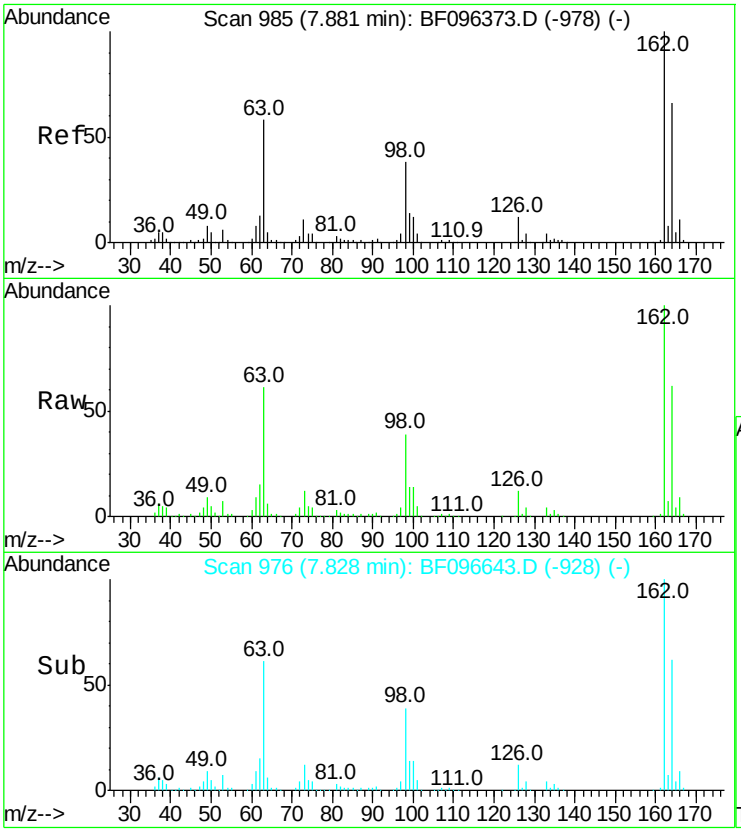


#28
bis(2-Chloroethoxy)methane
Concen: 28.807 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion: 93 Resp: 310974

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.5	39.7
123	11.4	9.0	13.4



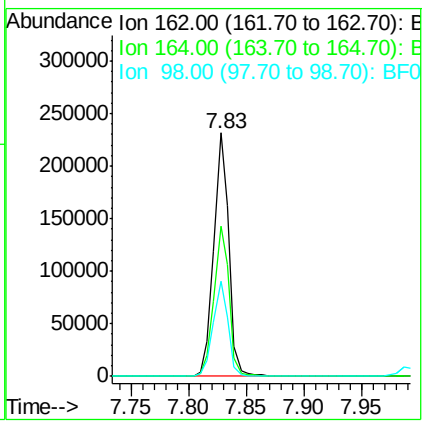


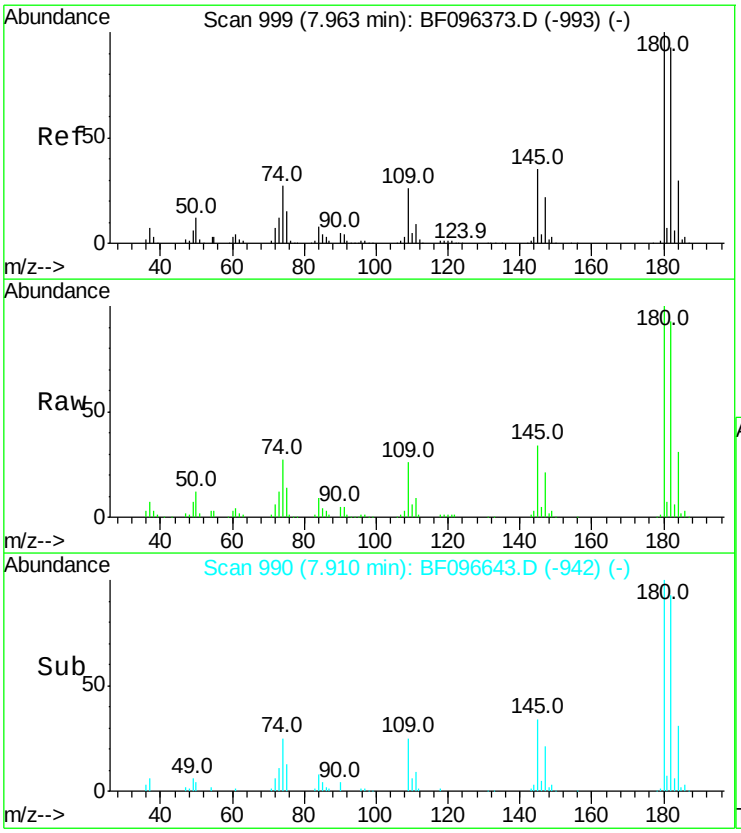
#29
2,4-Dichlorophenol
Concen: 30.391 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:162 Resp: 209094

Ion	Ratio	Lower	Upper
162	100		
164	61.8	44.6	84.6
98	39.1	14.8	54.8

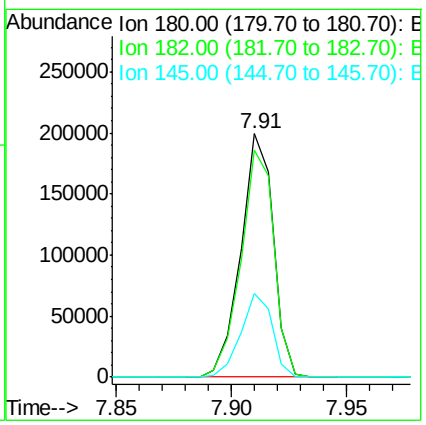


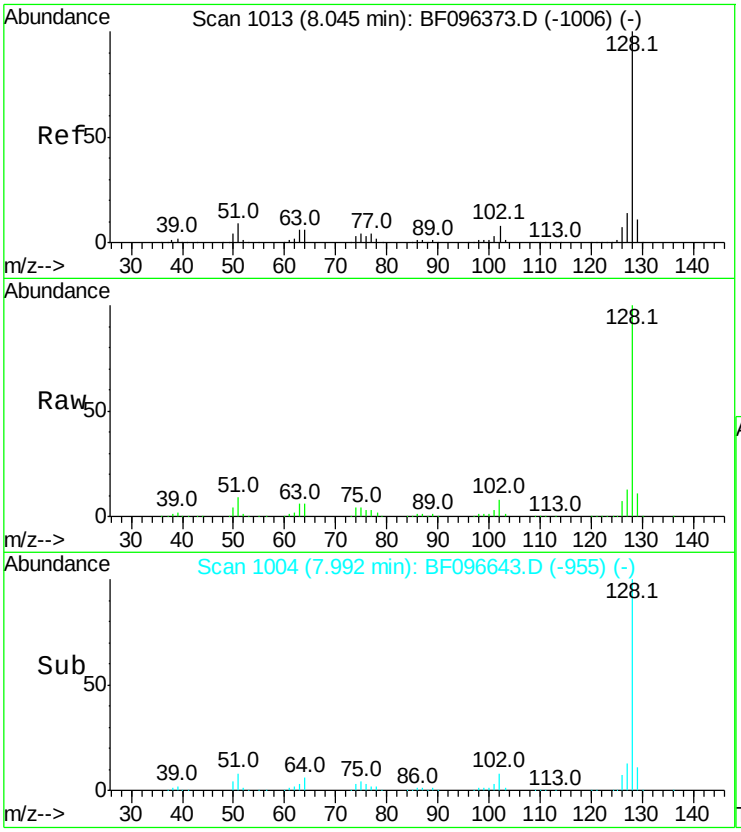


#30
1,2,4-Trichlorobenzene
Concen: 30.243 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:180 Resp: 196279

Ion	Ratio	Lower	Upper
180	100		
182	93.2	75.8	113.6
145	34.3	25.3	37.9



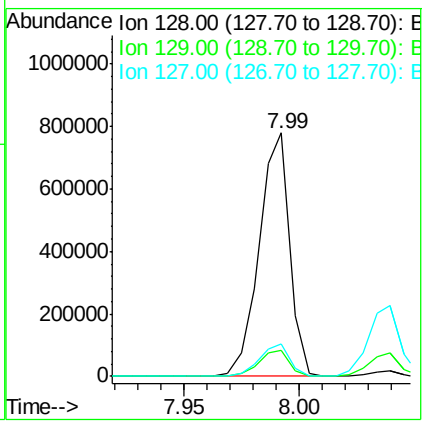


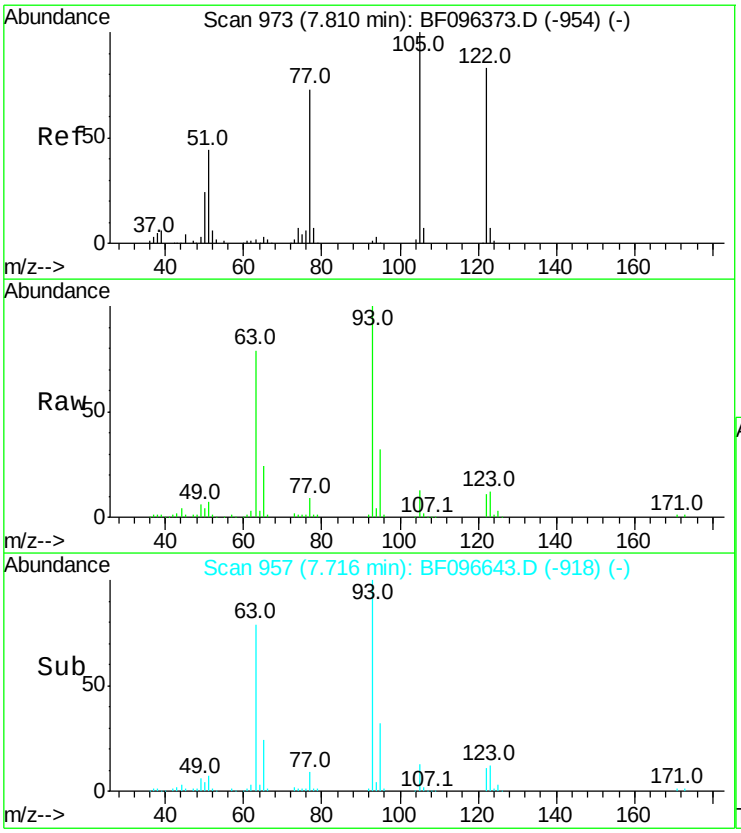
#31
Naphthalene
Concen: 29.982 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:128 Resp: 717387

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	13.2	10.8	16.2

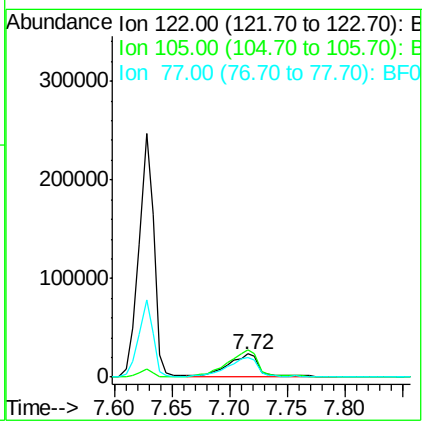


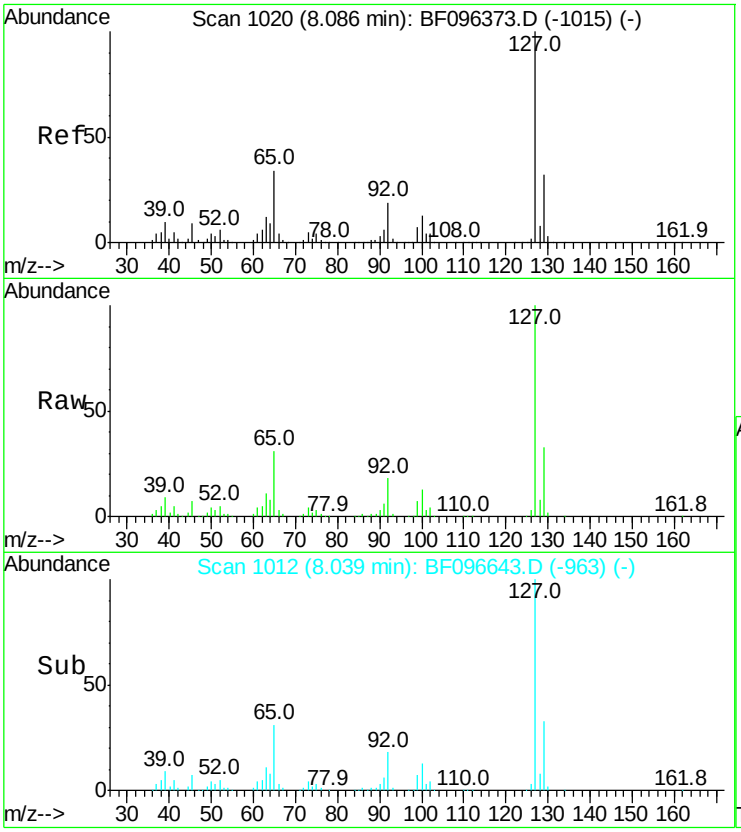


#32
Benzoic acid
Concen: 6.675 ng
RT: 7.72 min Scan# 957
Delta R.T. -0.07 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:122 Resp: 44701

Ion	Ratio	Lower	Upper
122	100		
105	116.5	103.3	143.3
77	84.7	73.7	113.7



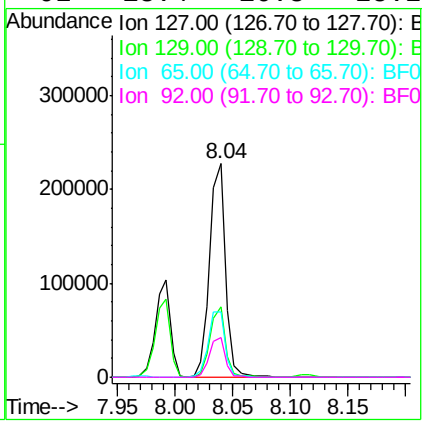


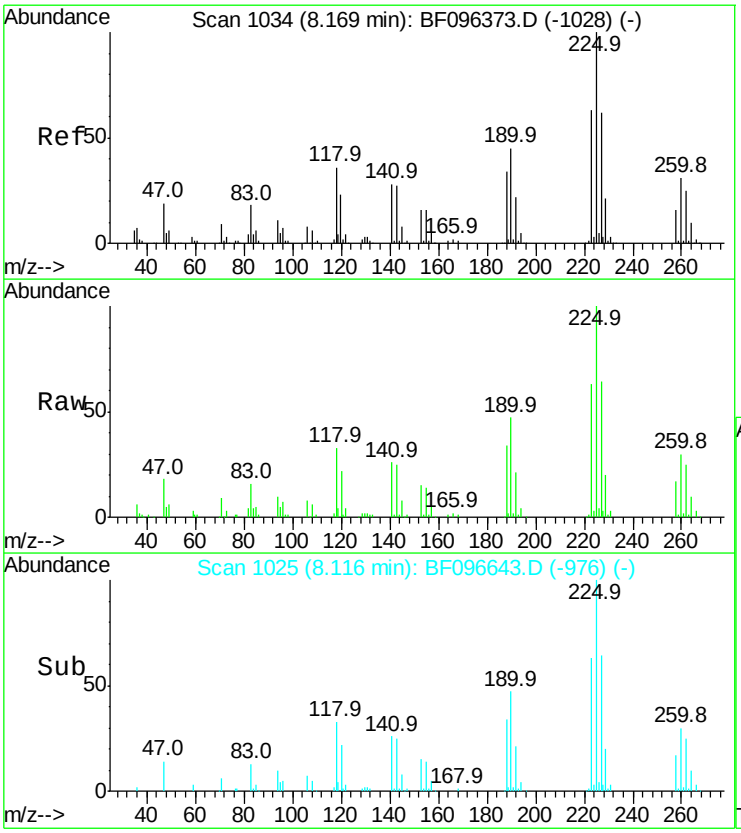
#33
4-Chloroaniline
Concen: 22.116 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:127 Resp: 219798

Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.2	39.2
65	30.7	27.8	41.8
92	18.4	16.8	25.2

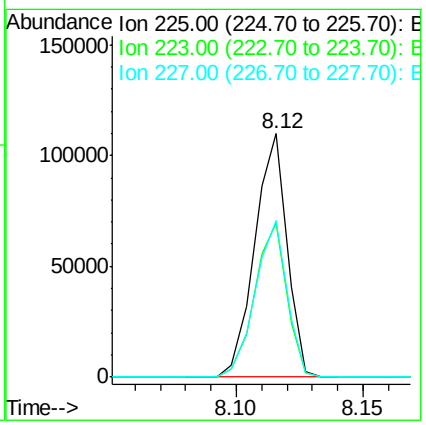


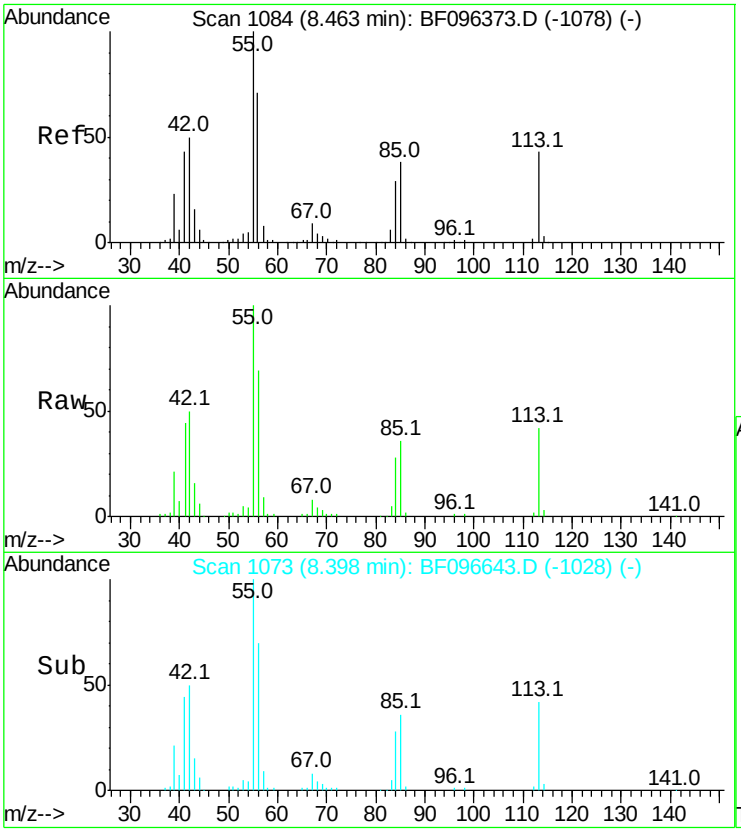


#34
Hexachlorobutadiene
Concen: 29.361 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:225 Resp: 97735

Ion	Ratio	Lower	Upper
225	100		
223	63.4	48.8	73.2
227	64.3	51.1	76.7



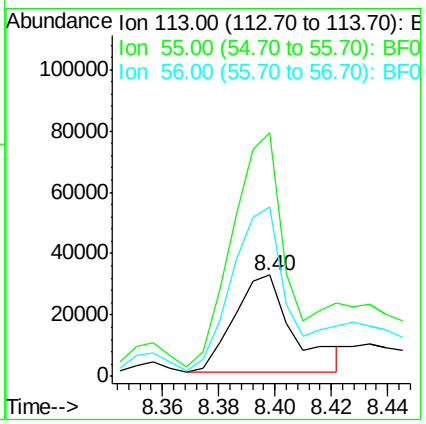


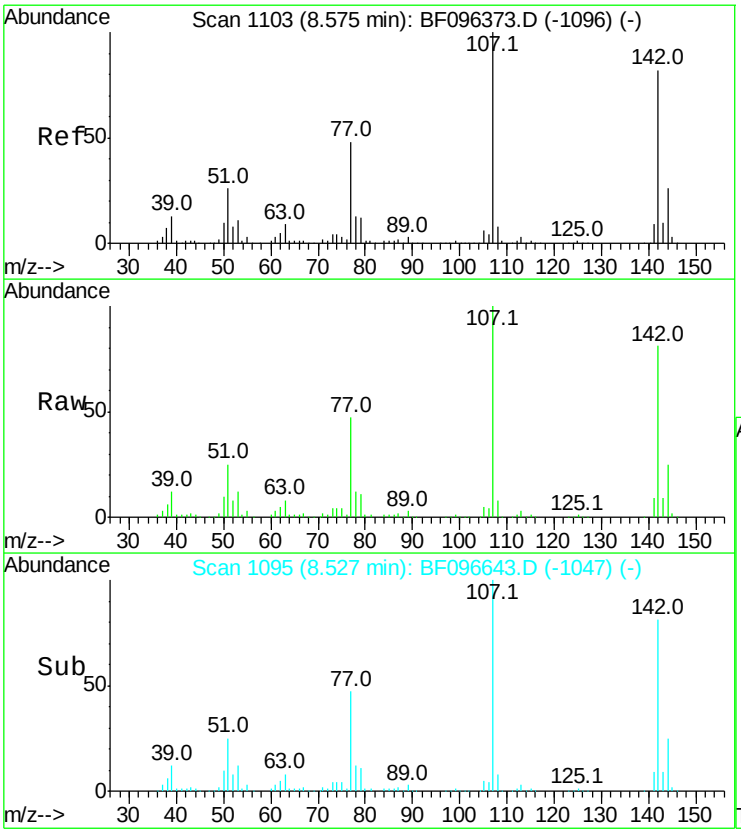
#35
Caprolactam
Concen: 19.749 ng
RT: 8.40 min Scan# 1073
Delta R.T. -0.04 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:113 Resp: 46855

Ion	Ratio	Lower	Upper
113	100		
55	239.9	150.2	190.2#
56	166.5	107.8	147.8#

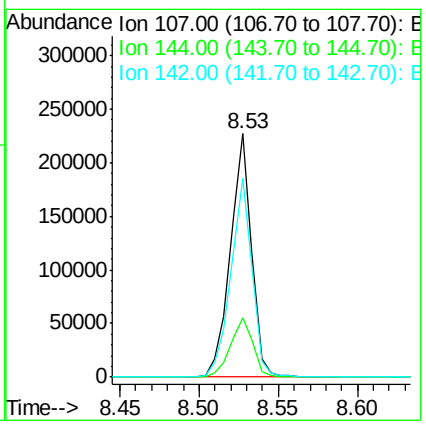


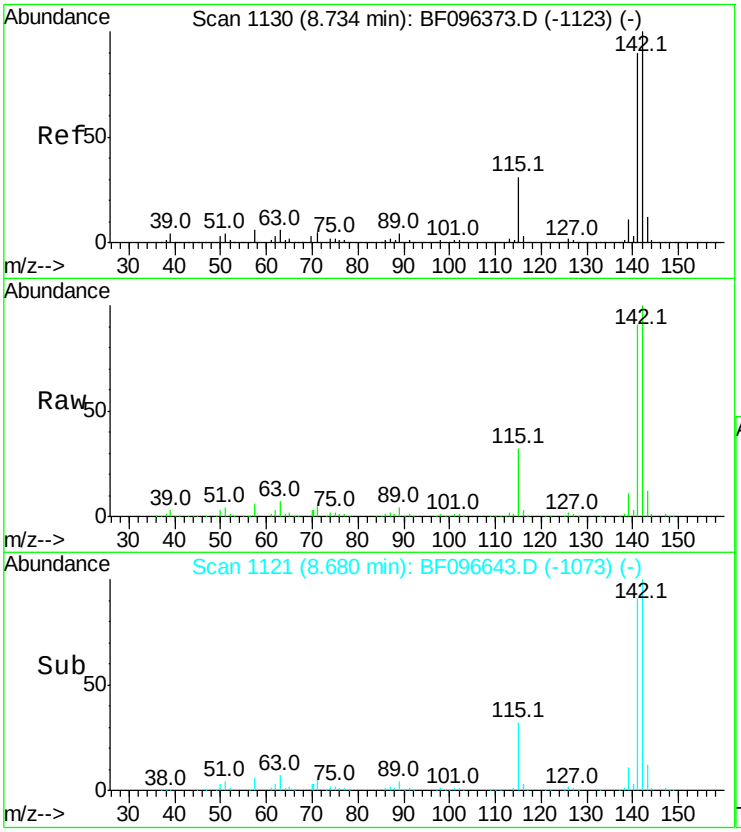


#36
4-Chloro-3-methylphenol
Concen: 27.755 ng
RT: 8.53 min Scan# 1095
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:107 Resp: 211296

Ion	Ratio	Lower	Upper
107	100		
144	24.6	24.2	36.4
142	81.5	73.4	110.0



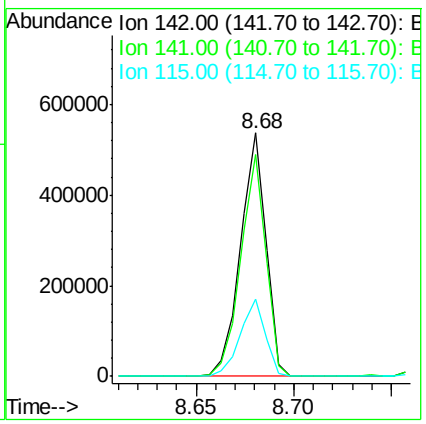


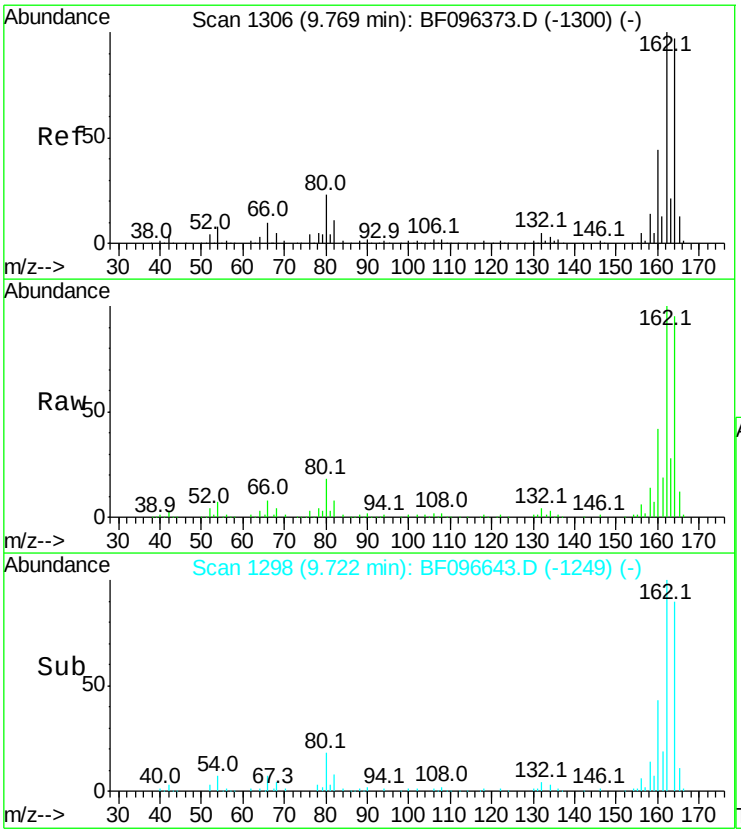
#37
2-Methylnaphthalene
Concen: 31.992 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:142 Resp: 487257

Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.3	106.9
115	31.8	27.1	40.7

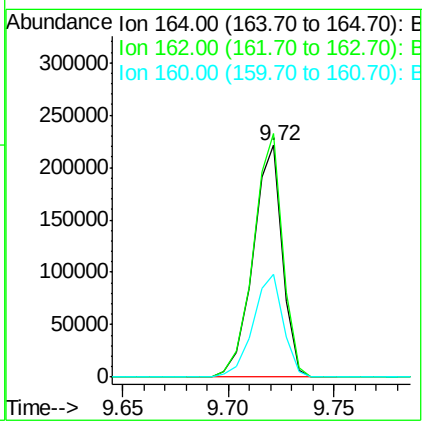


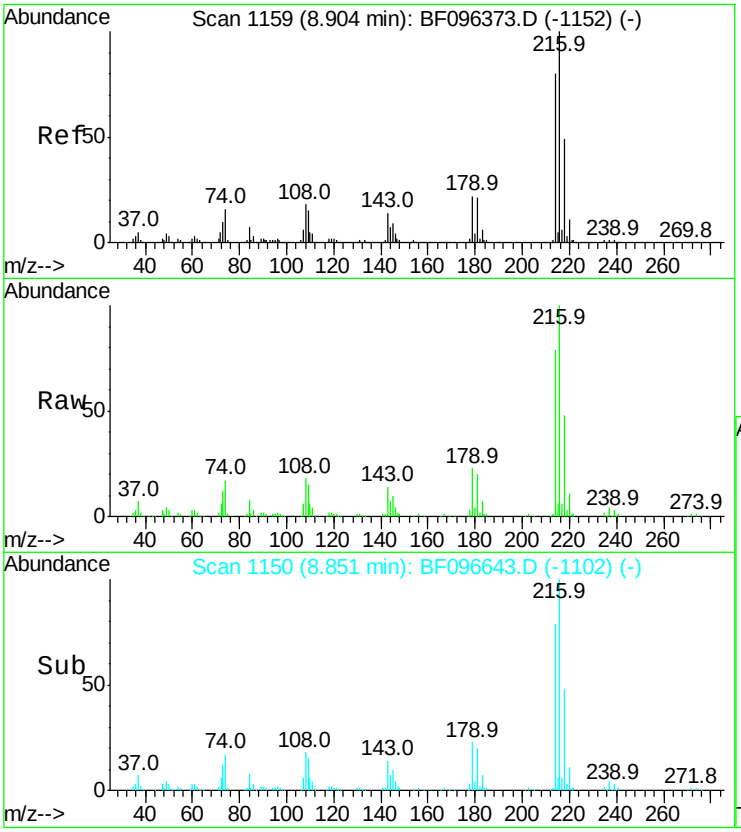


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:164 Resp: 213225

Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.6	123.8
160	44.5	36.2	54.2



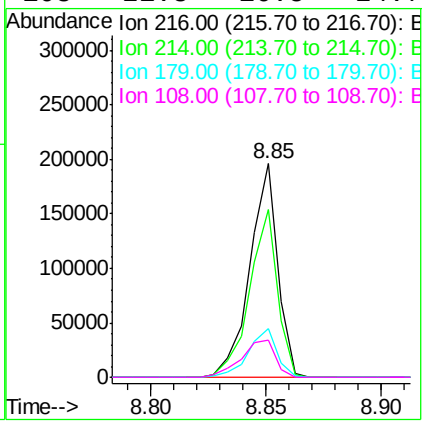


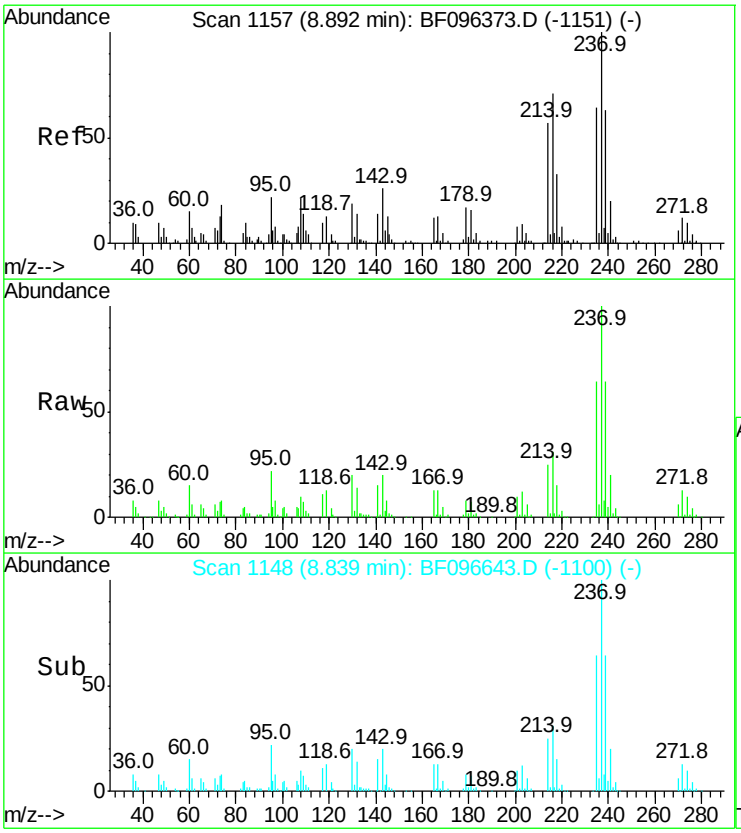
#39
1,2,4,5-Tetrachlorobenzene
Concen: 29.977 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:216 Resp: 165965

Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.4	95.2
179	23.1	17.9	26.9
108	21.8	16.5	24.7

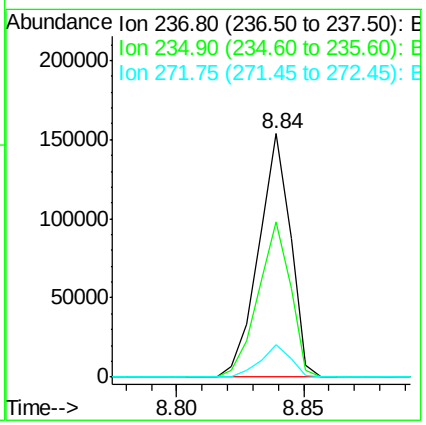


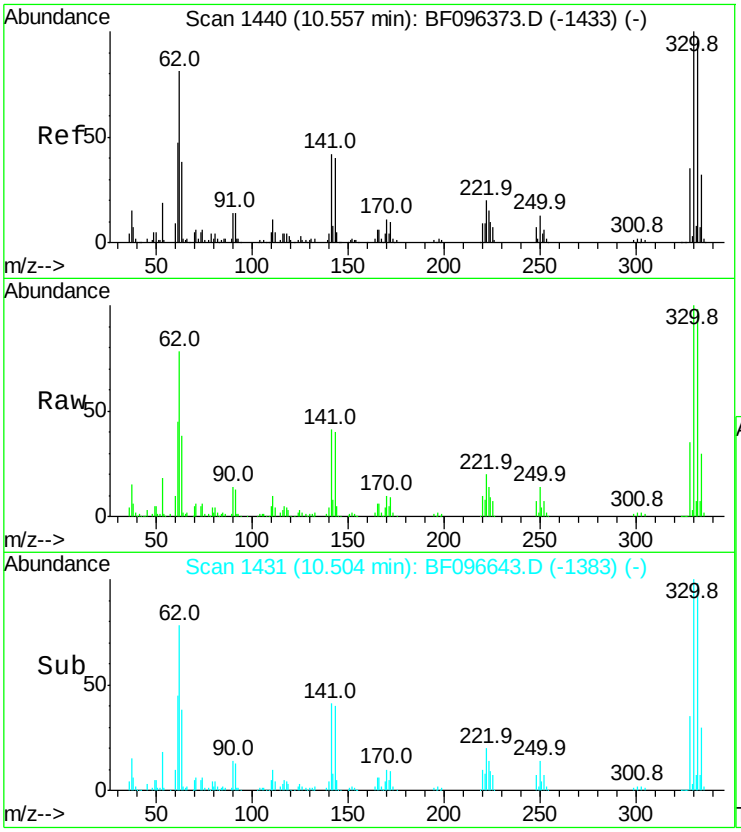


#40
Hexachlorocyclopentadiene
Concen: 50.276 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:237 Resp: 135344

Ion	Ratio	Lower	Upper
237	100		
235	63.5	42.6	82.6
272	13.3	0.0	31.9



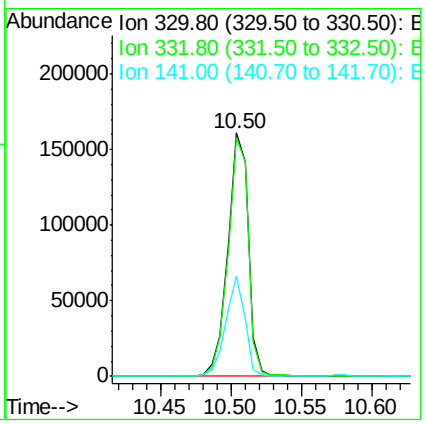


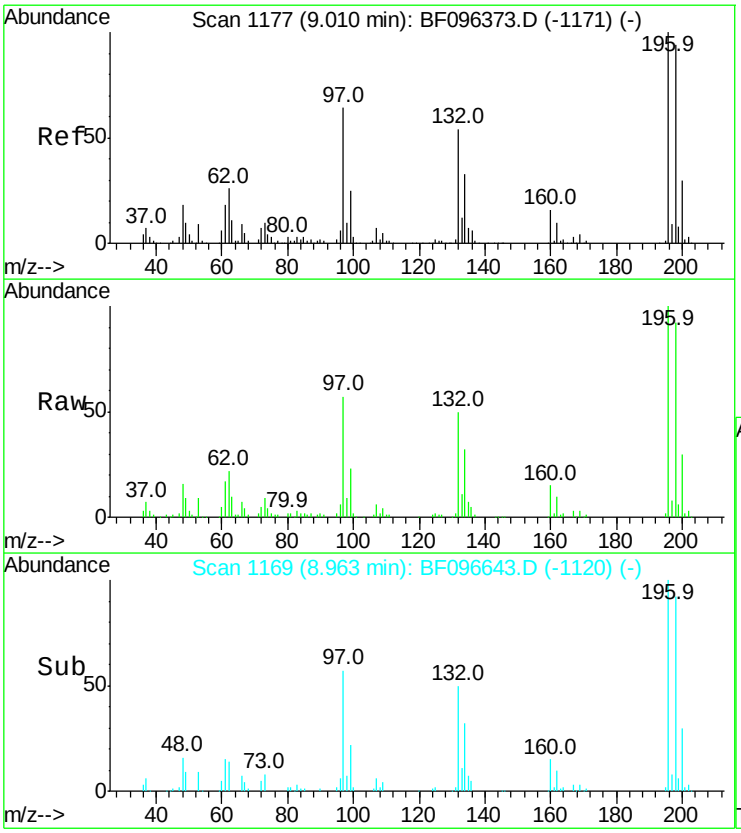
#41
2,4,6-Tribromophenol
Concen: 97.784 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:330 Resp: 162864

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	38.6	31.4	47.2

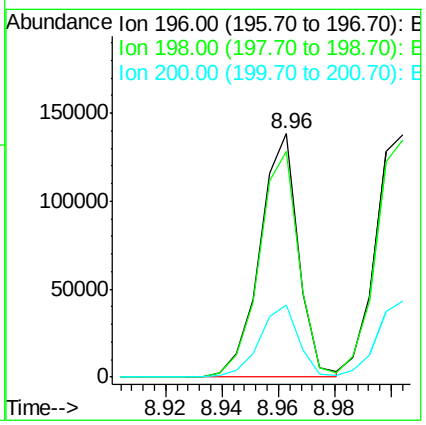


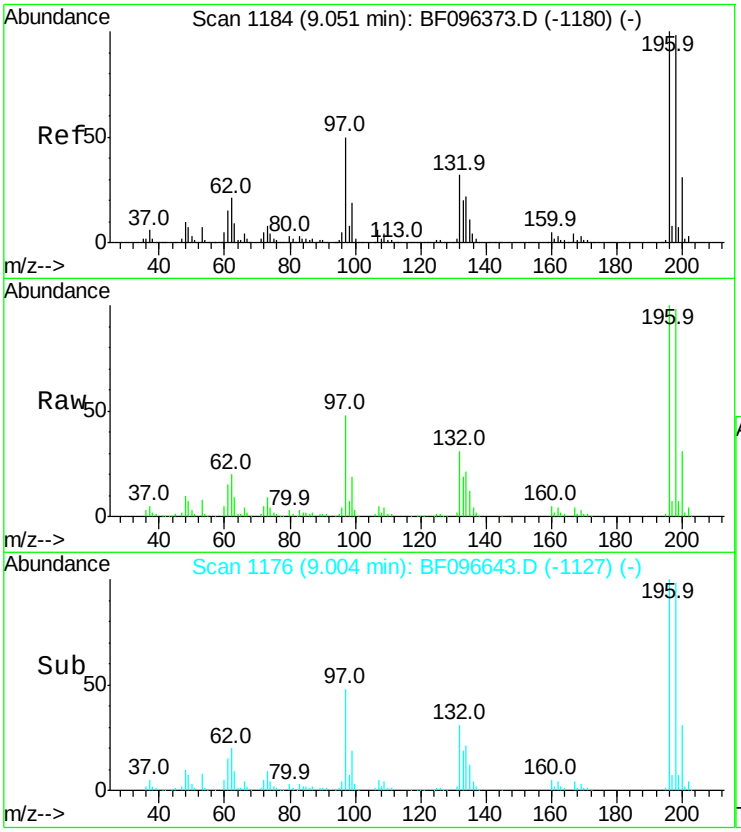


#42
2,4,6-Trichlorophenol
Concen: 29.780 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:196 Resp: 130430

Ion	Ratio	Lower	Upper
196	100		
198	92.5	74.2	111.4
200	29.5	24.0	36.0



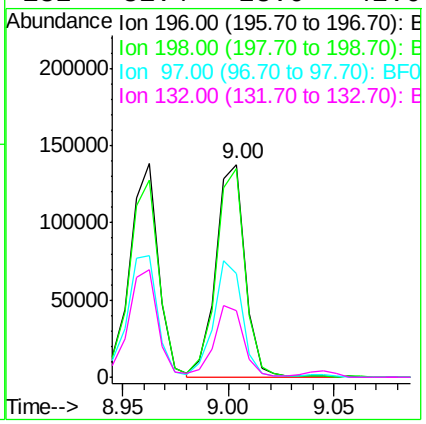


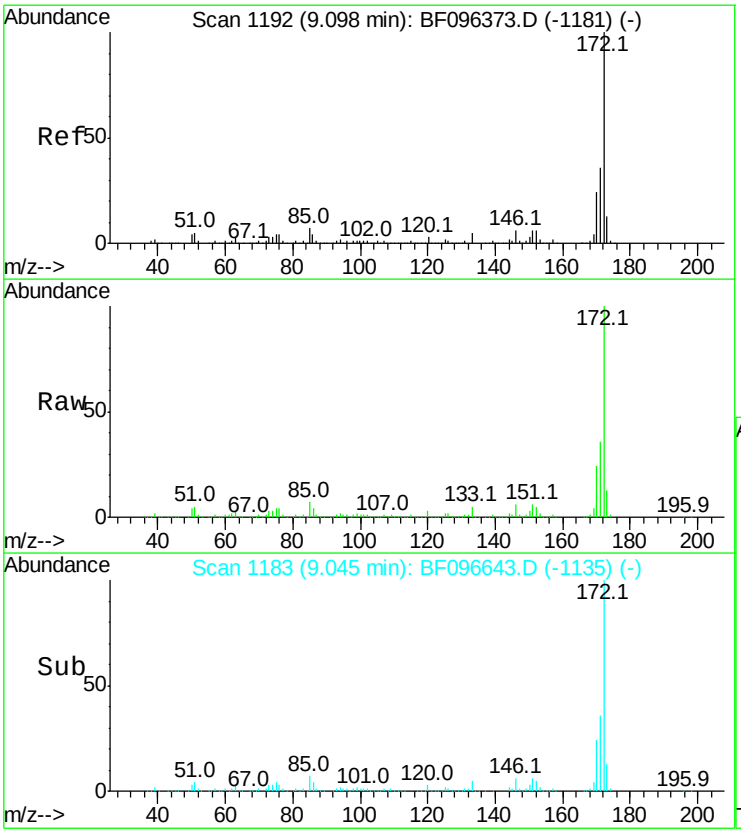
#43
2,4,5-Trichlorophenol
Concen: 30.526 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:196 Resp: 132193

Ion	Ratio	Lower	Upper
196	100		
198	98.0	75.7	113.5
97	48.4	47.7	71.5
132	31.4	28.0	42.0

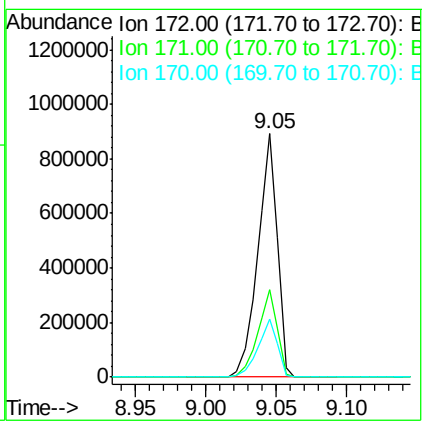


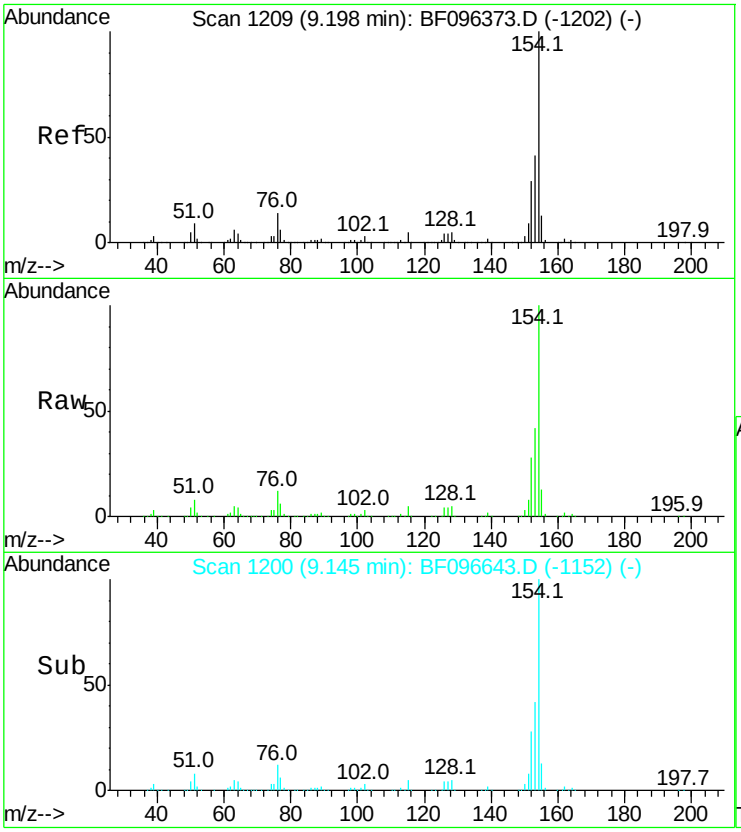


#44
2-Fluorobiphenyl
Concen: 69.768 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:172 Resp: 870072

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.8	19.8	29.8



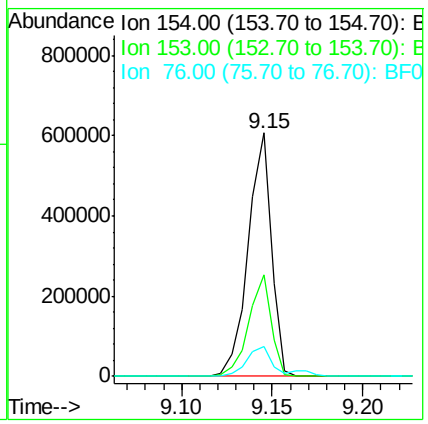


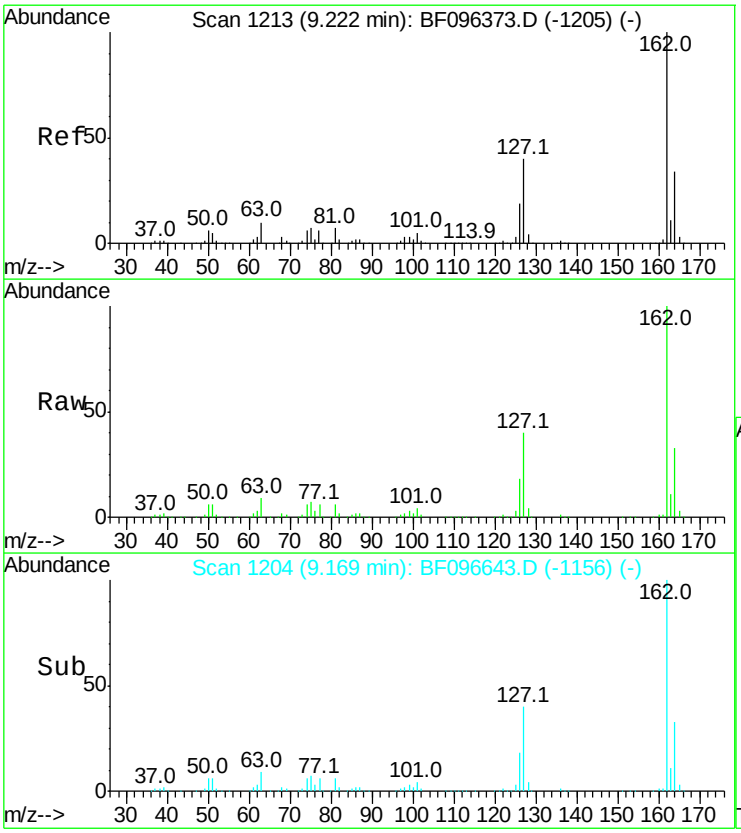
#45
1,1'-Biphenyl
Concen: 29.571 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:154 Resp: 540240

Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.2	61.2
76	12.2	0.0	29.9

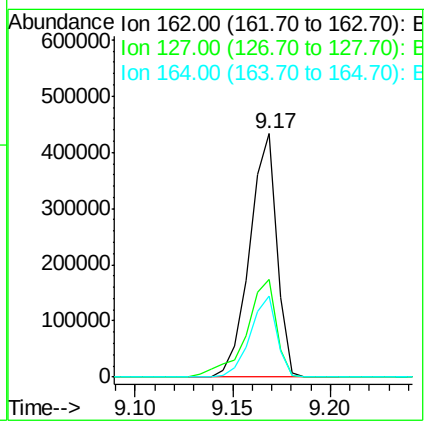


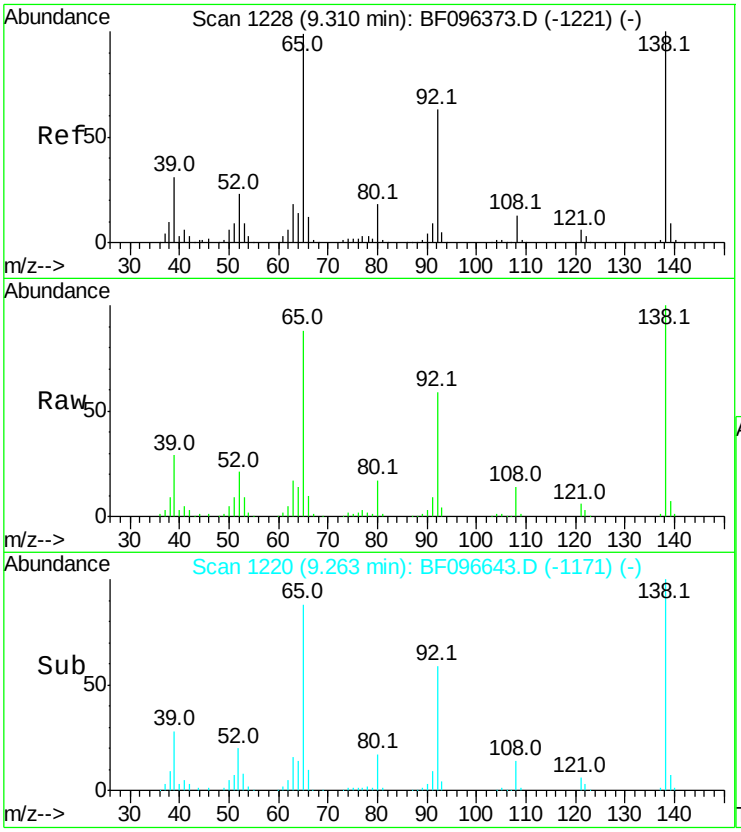


#46
2-Chloronaphthalene
Concen: 30.638 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:162 Resp: 417142

Ion	Ratio	Lower	Upper
162	100		
127	40.0	28.3	42.5
164	33.5	27.0	40.4



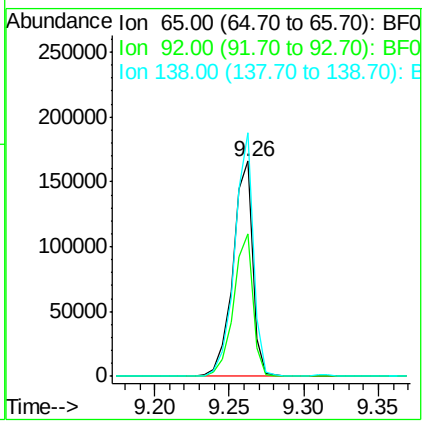


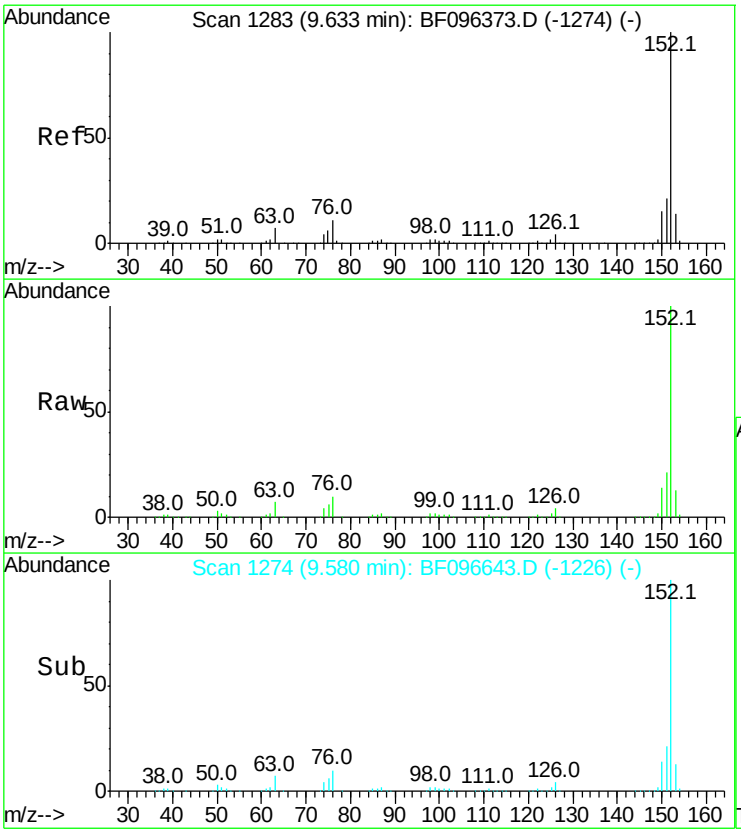
#47
2-Nitroaniline
Concen: 31.374 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion: 65 Resp: 155429

Ion	Ratio	Lower	Upper
65	100		
92	66.4	53.9	80.9
138	113.2	78.8	118.2

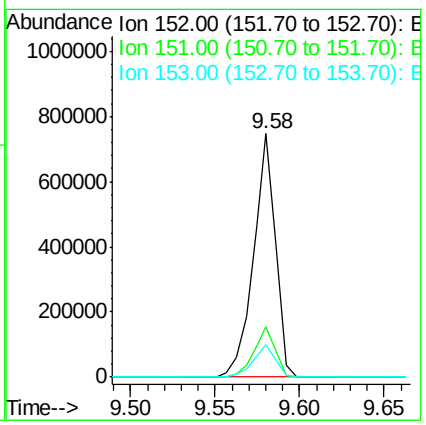


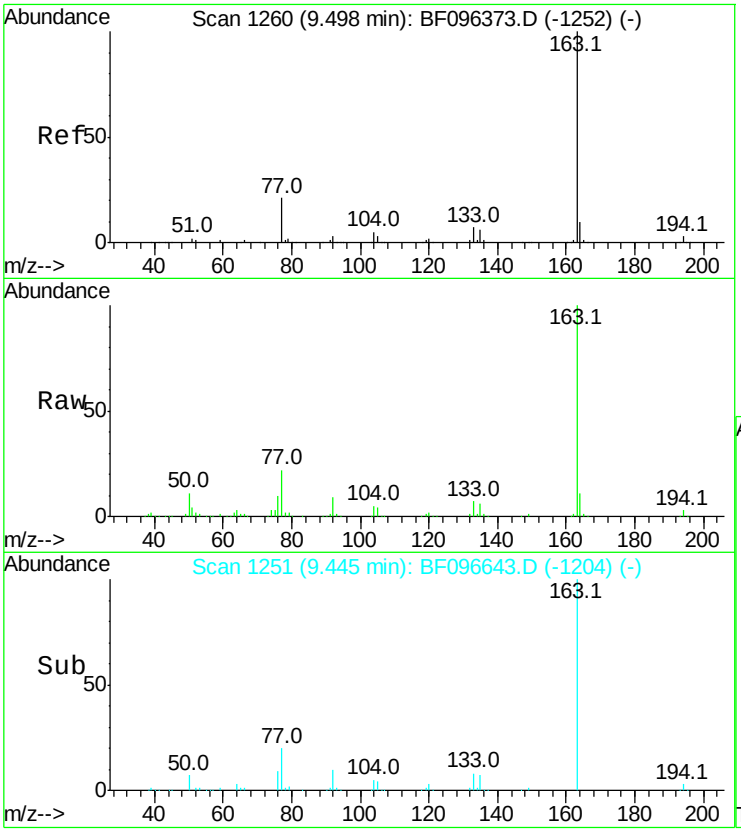


#48
Acenaphthylene
Concen: 31.265 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:152 Resp: 674504

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.2	10.8	16.2



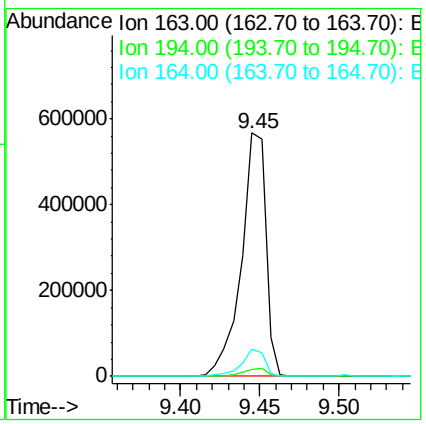


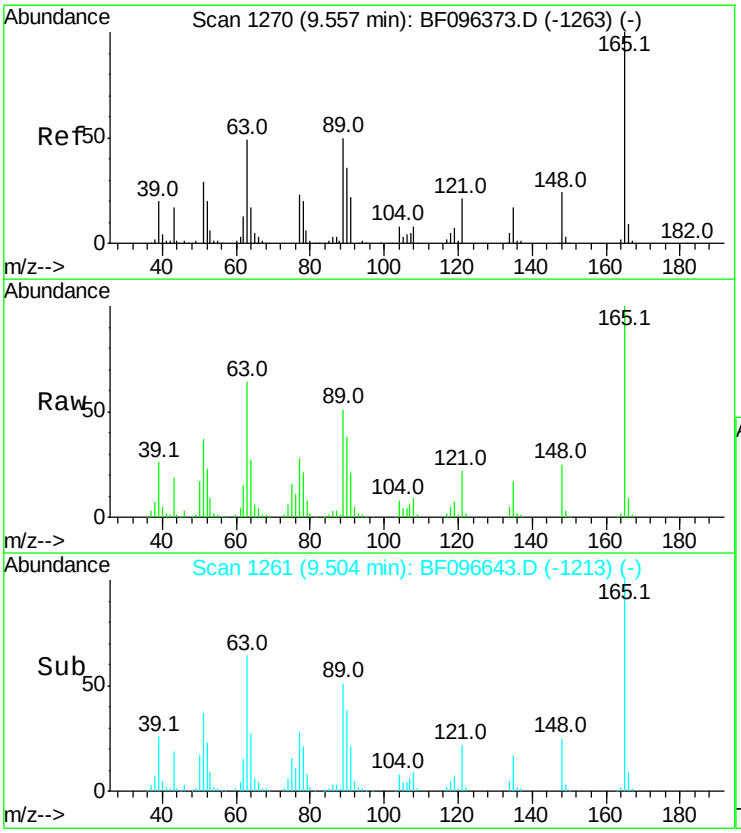
#49
Dimethylphthalate
Concen: 38.007 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:163 Resp: 604978

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	11.0	8.4	12.6

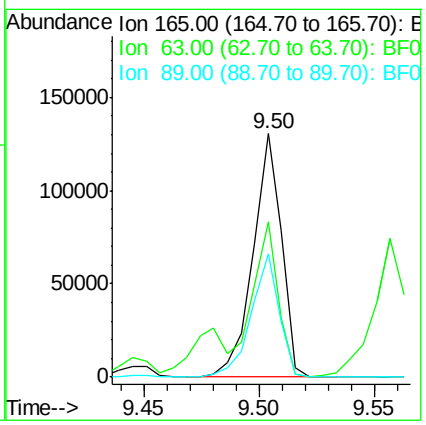


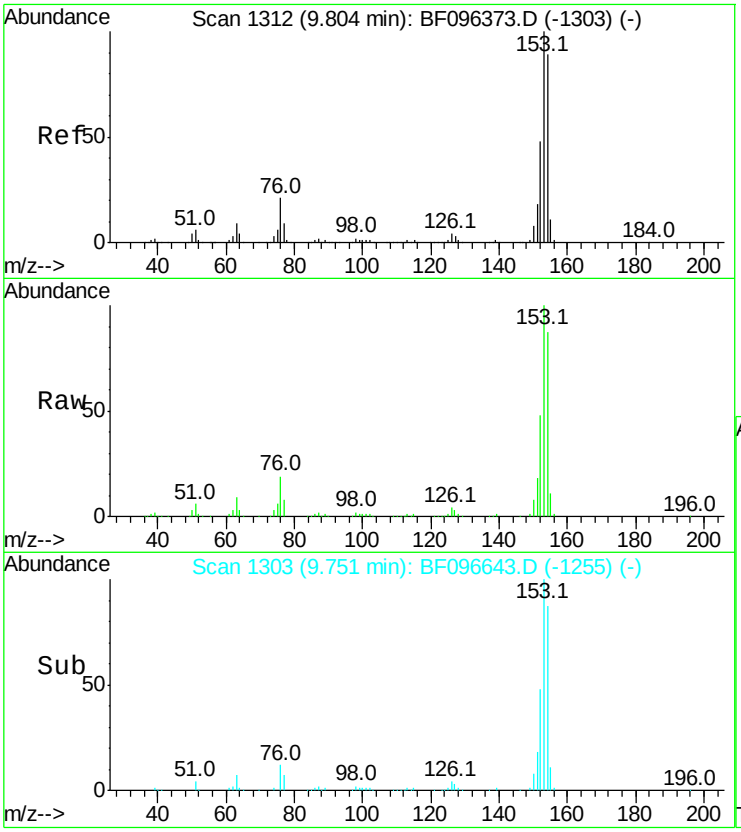


#50
2,6-Dinitrotoluene
Concen: 31.921 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:165 Resp: 112359

Ion	Ratio	Lower	Upper
165	100		
63	63.8	34.3	51.5#
89	50.6	37.1	55.7



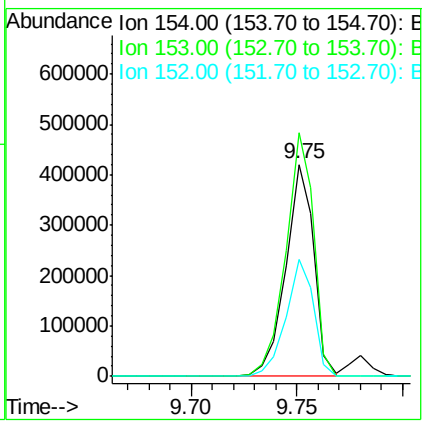


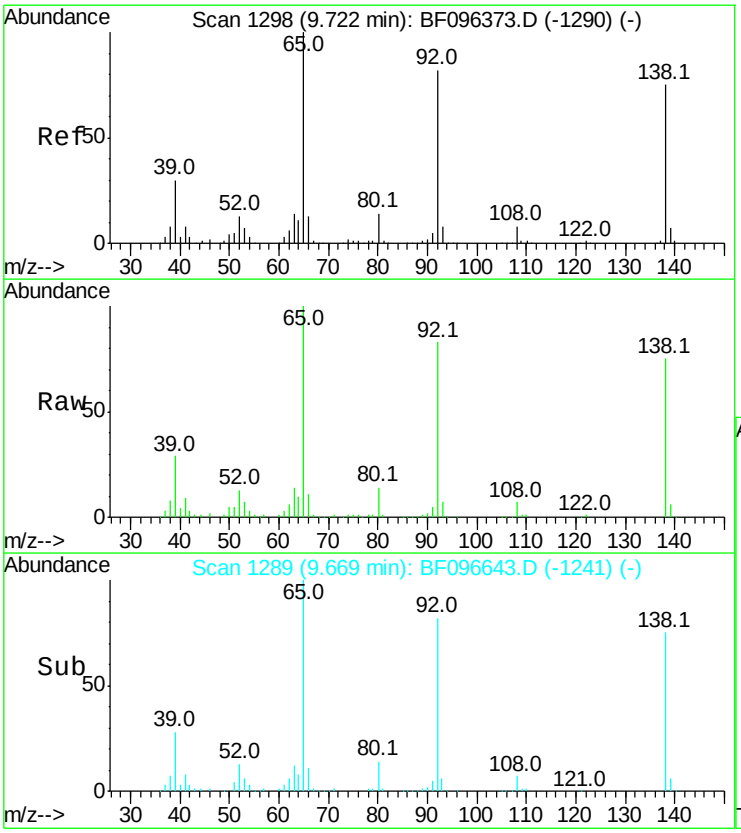
#51
Acenaphthene
Concen: 29.315 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument : BNA_F
ClientSampleId : NAA-SANDMS

Tgt Ion:154 Resp: 389843

Ion	Ratio	Lower	Upper
154	100		
153	115.1	90.5	135.7
152	55.4	43.6	65.4

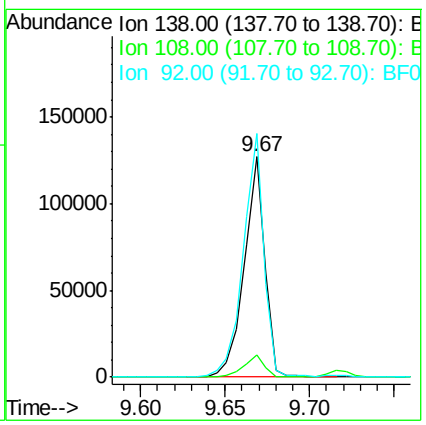


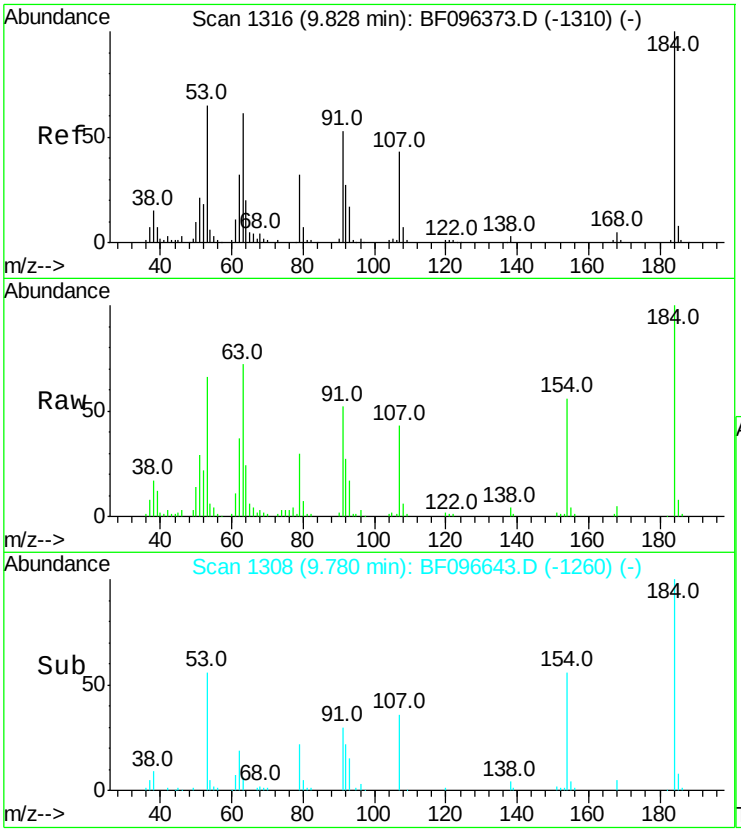


#52
3-Nitroaniline
Concen: 24.923 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:138 Resp: 109418

Ion	Ratio	Lower	Upper
138	100		
108	9.9	9.1	13.7
92	110.6	93.8	140.6



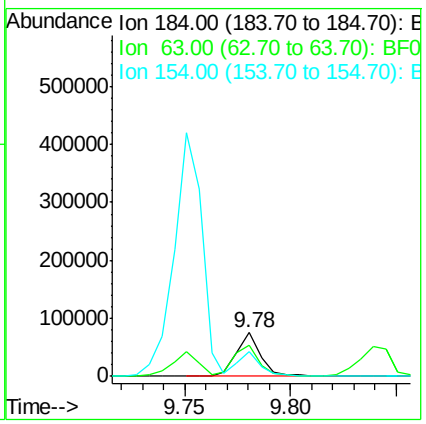


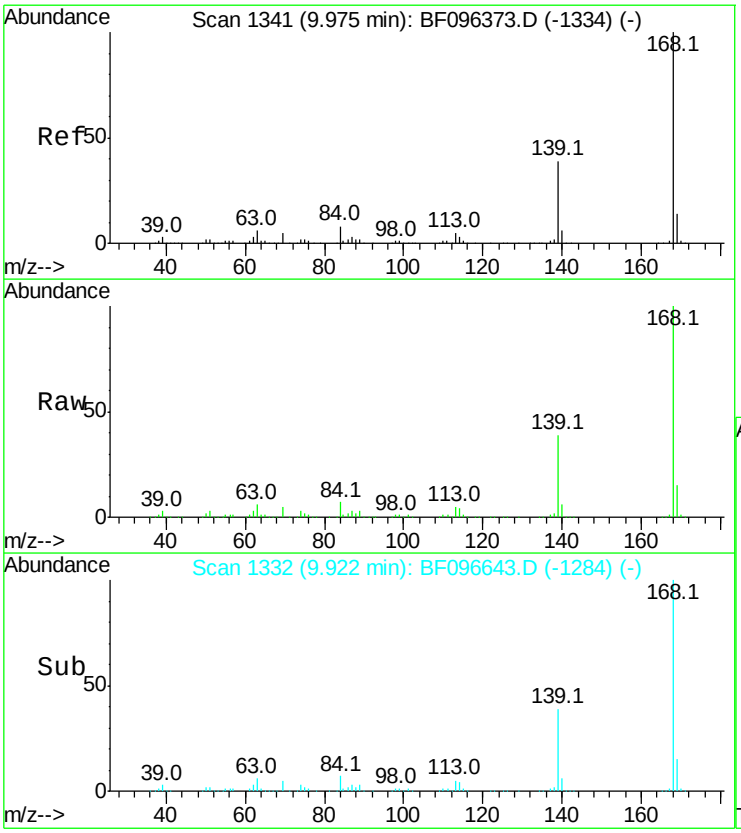
#53
2,4-Dinitrophenol
Concen: 32.109 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:184 Resp: 60029

Ion	Ratio	Lower	Upper
184	100		
63	72.1	62.7	94.1
154	55.7	81.1	121.7#

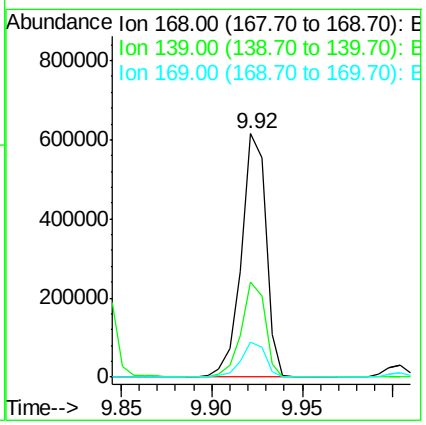


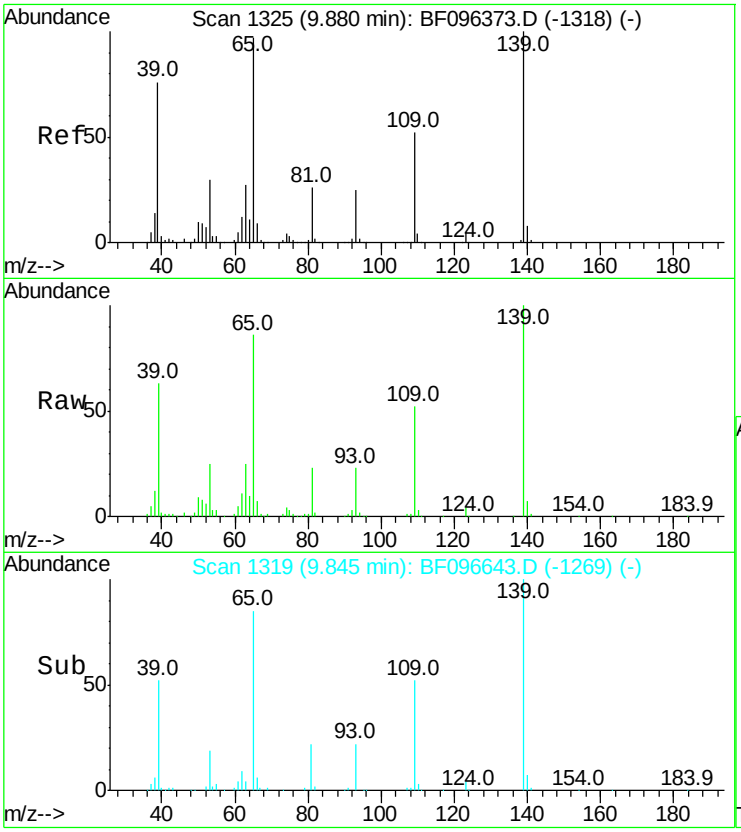


#54
Dibenzofuran
Concen: 33.142 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:168 Resp: 581885

Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.6	45.8
169	14.5	10.8	16.2



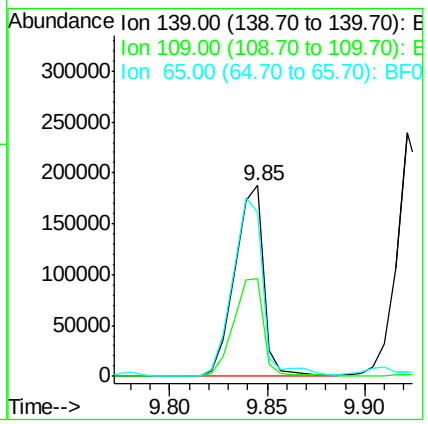


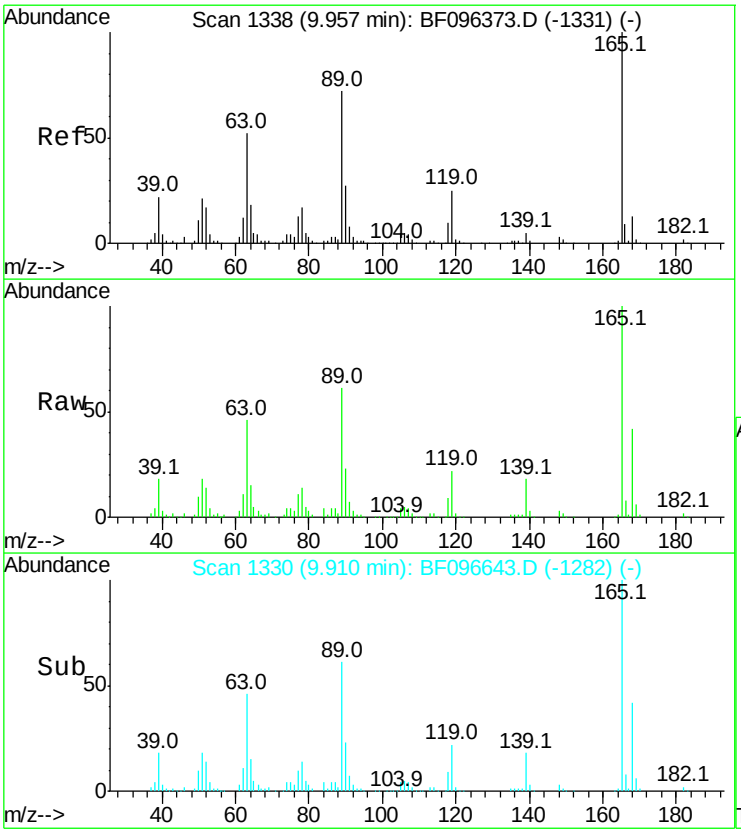
#55
4-Nitrophenol
Concen: 52.945 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:139 Resp: 192660

Ion	Ratio	Lower	Upper
139	100		
109	51.6	34.1	74.1
65	85.9	31.4	71.4#

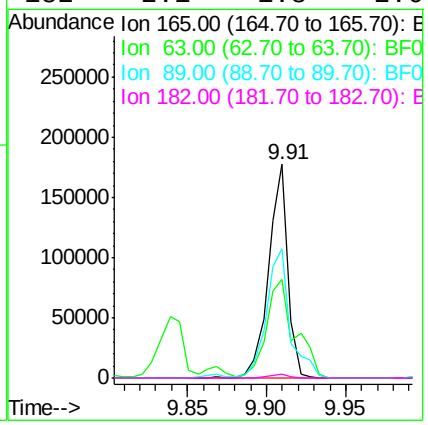


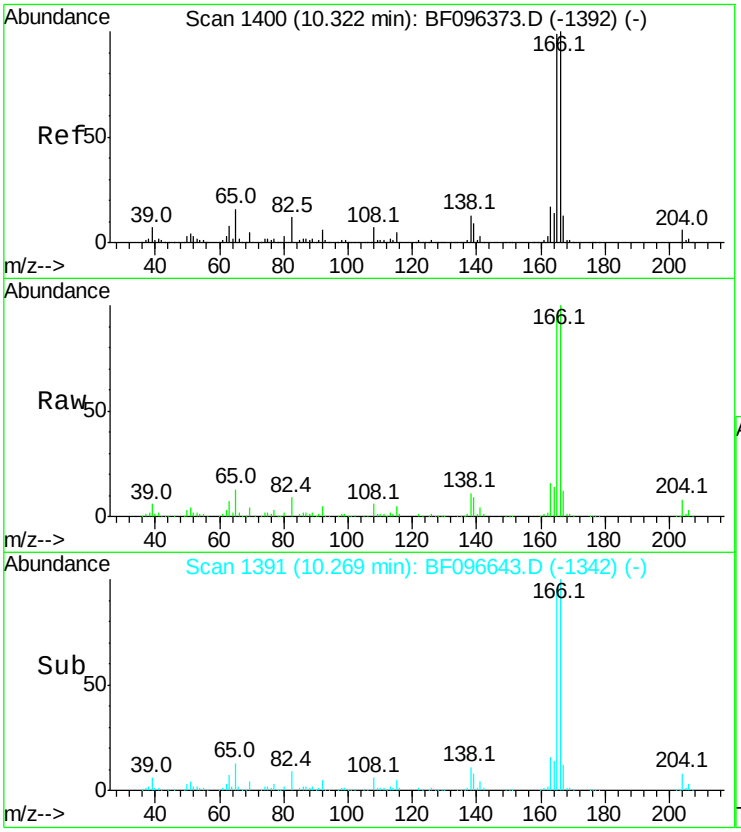


#56
2,4-Dinitrotoluene
Concen: 33.910 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:165 Resp: 151152

Ion	Ratio	Lower	Upper
165	100		
63	45.9	25.4	38.0#
89	60.6	46.4	69.6
182	2.1	1.8	2.6



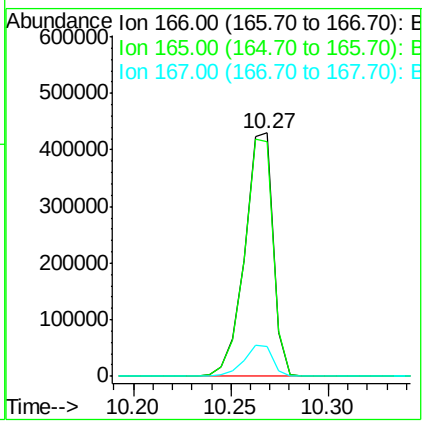


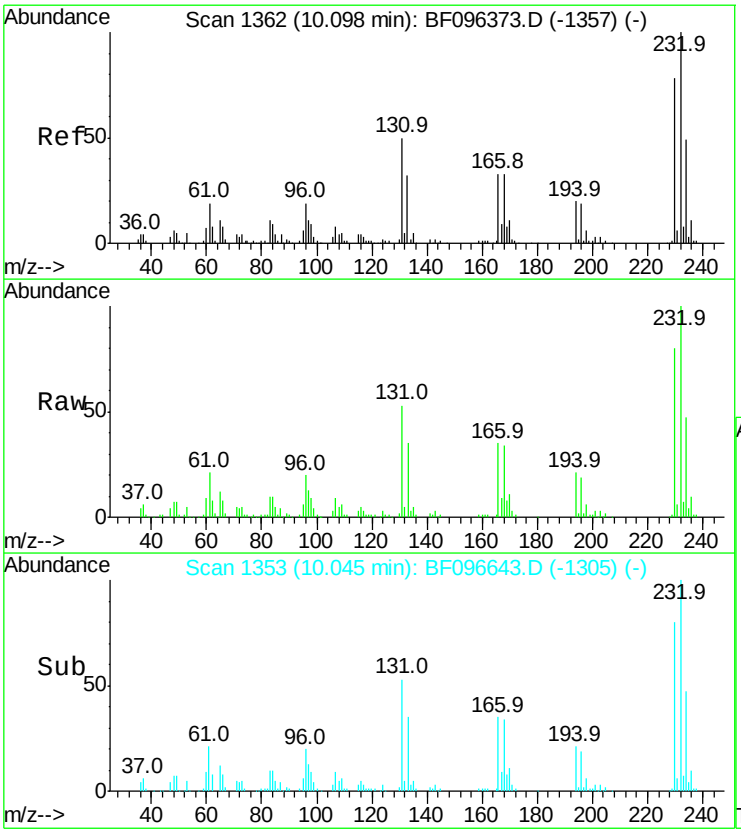
#57
Fluorene
Concen: 34.865 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:166 Resp: 432326

Ion	Ratio	Lower	Upper
166	100		
165	96.2	78.8	118.2
167	12.3	10.6	16.0

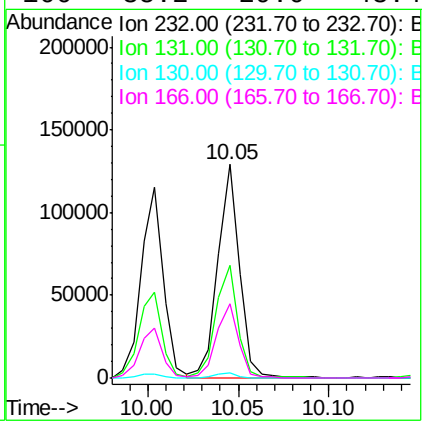


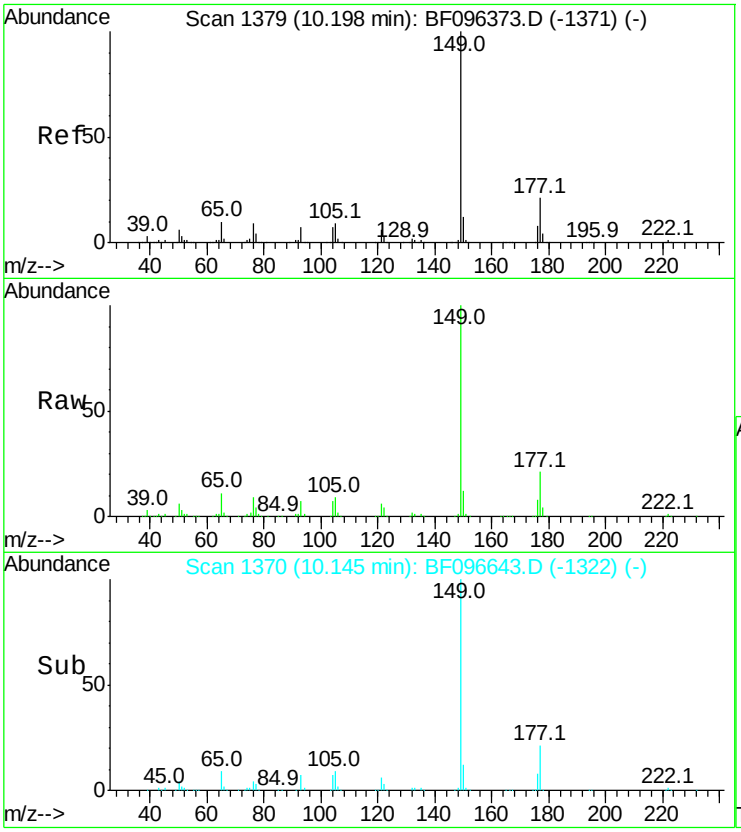


#58
2,3,4,6-Tetrachlorophenol
Concen: 36.018 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:232 Resp: 107914

Ion	Ratio	Lower	Upper
232	100		
131	53.4	44.8	67.2
130	2.2	2.3	3.5#
166	35.2	29.0	43.4



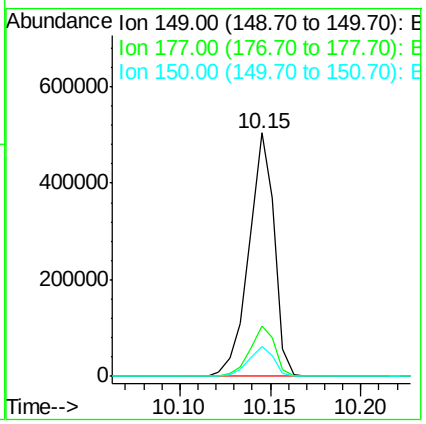


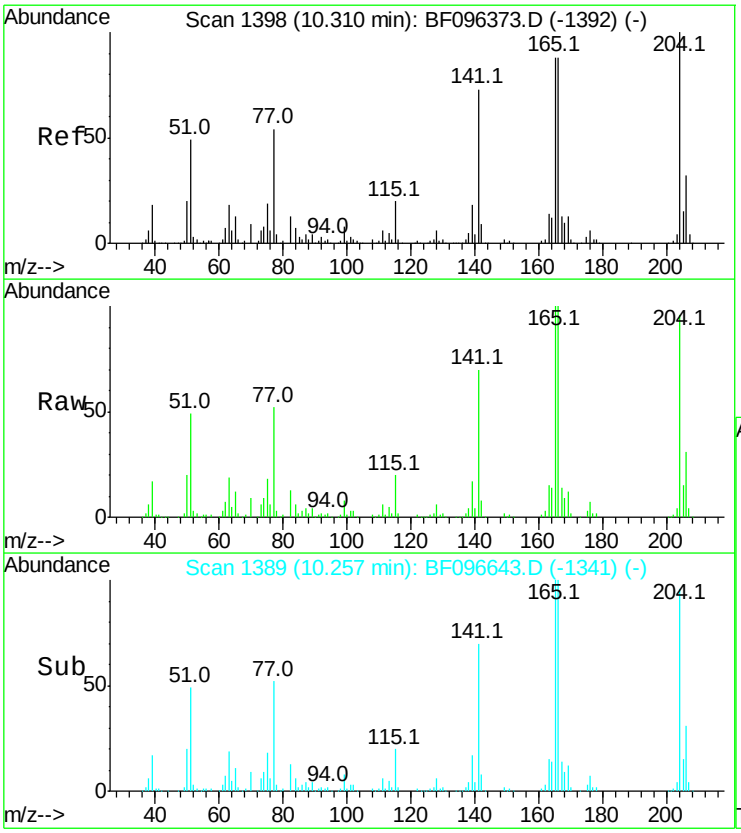
#59
Diethylphthalate
Concen: 32.426 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:149 Resp: 487852

Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.7	25.1
150	12.4	10.2	15.2

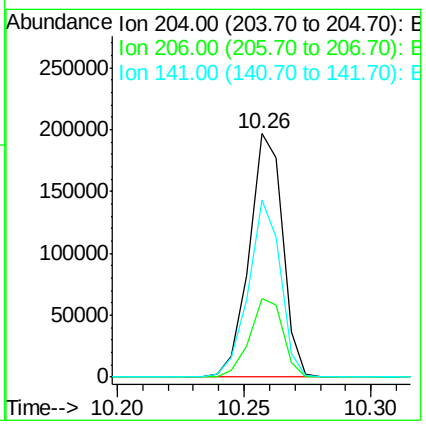


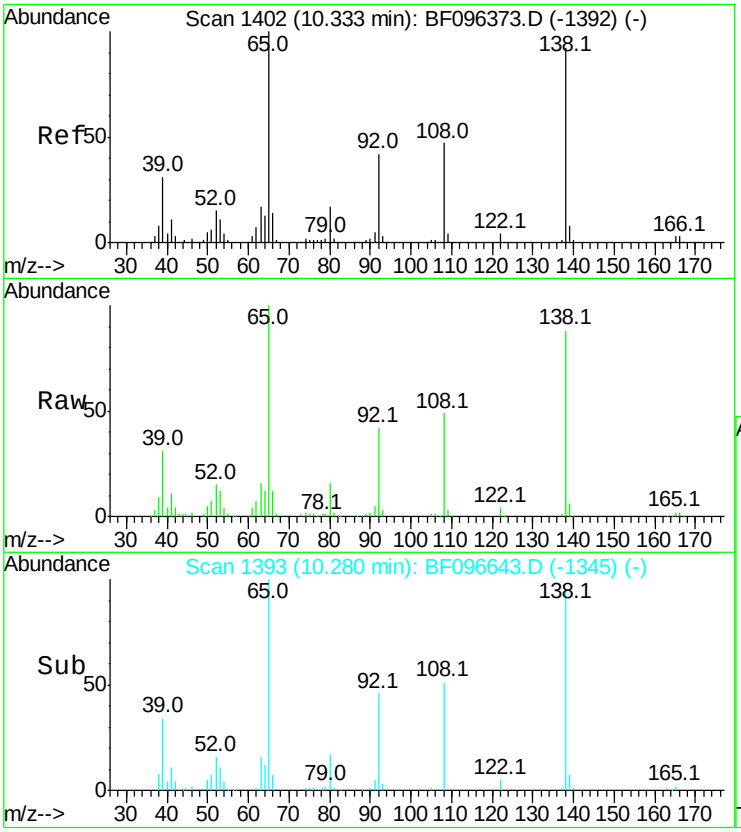


#60
4-Chlorophenyl-phenylether
Concen: 33.643 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:204 Resp: 181509

Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.2	39.2
141	72.9	60.8	91.2



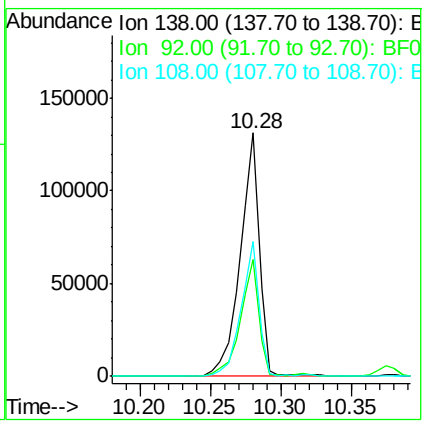


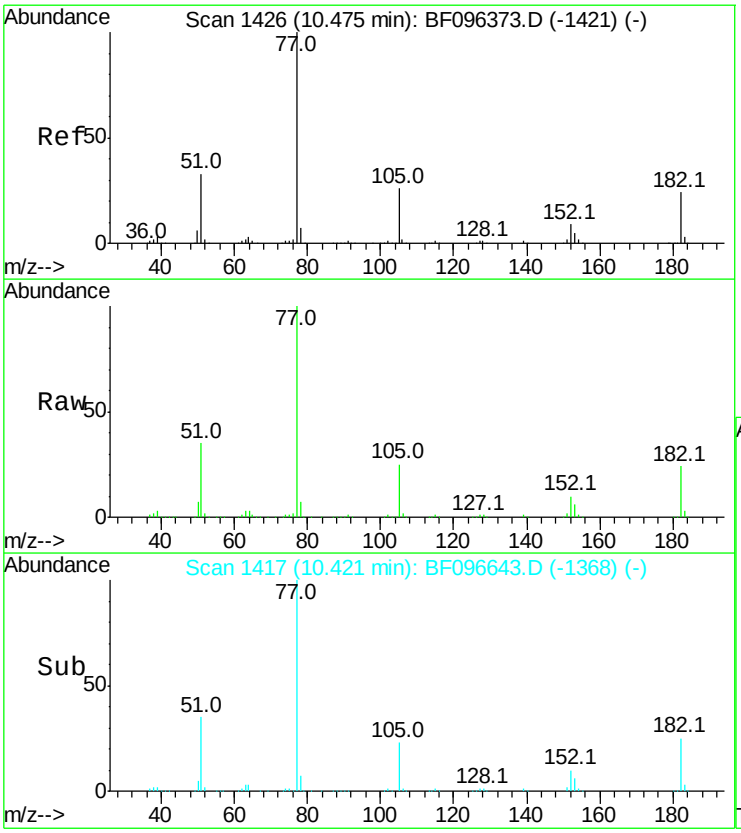
#61
4-Nitroaniline
Concen: 31.211 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:138 Resp: 124592

Ion	Ratio	Lower	Upper
138	100		
92	48.1	21.8	61.8
108	55.6	42.3	82.3

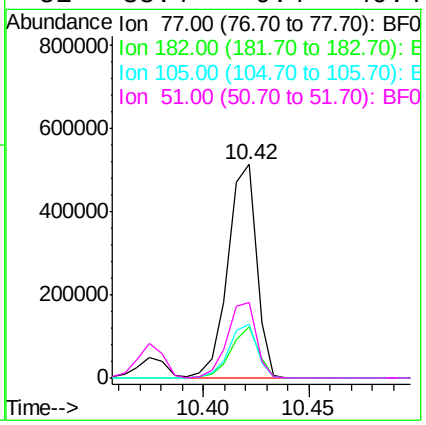


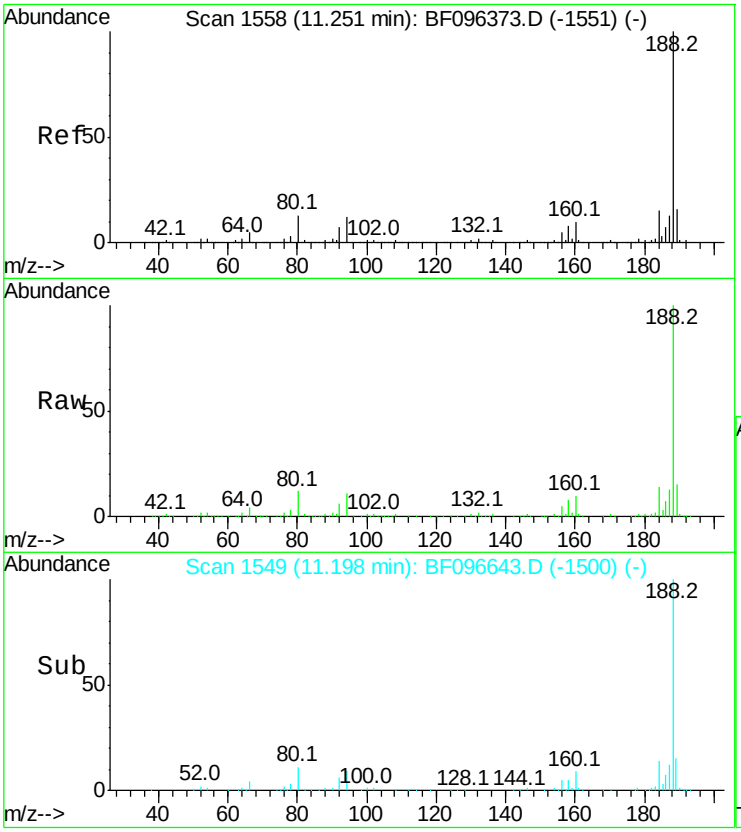


#62
Azobenzene
Concen: 33.126 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion: 77 Resp: 481909

Ion	Ratio	Lower	Upper
77	100		
182	24.3	0.1	40.1
105	25.1	3.6	43.6
51	35.4	9.4	49.4



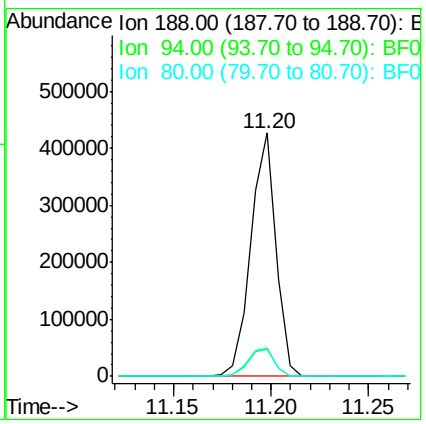


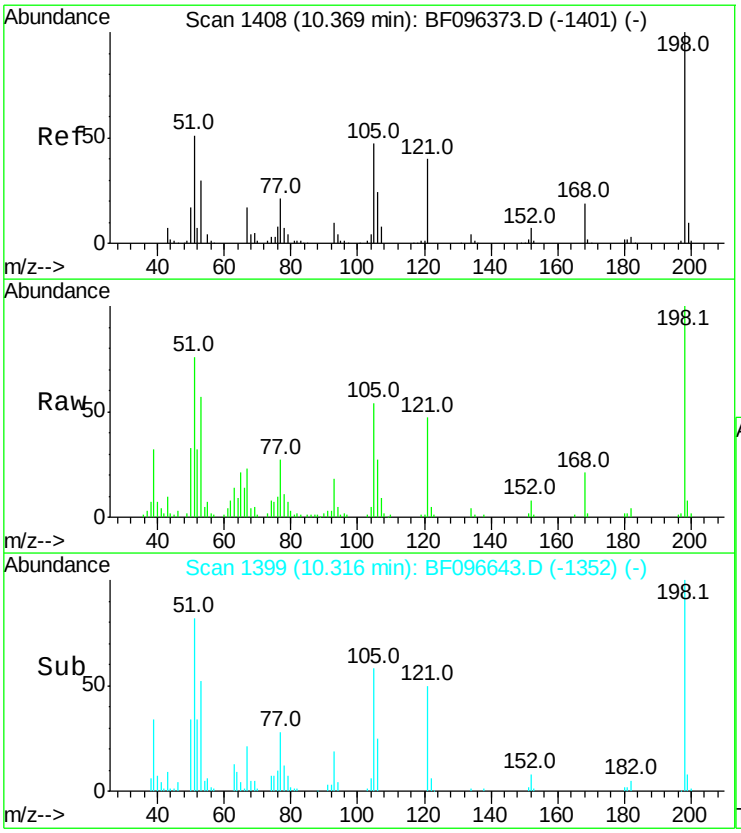
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:188 Resp: 380329

Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	11.6	10.2	15.2

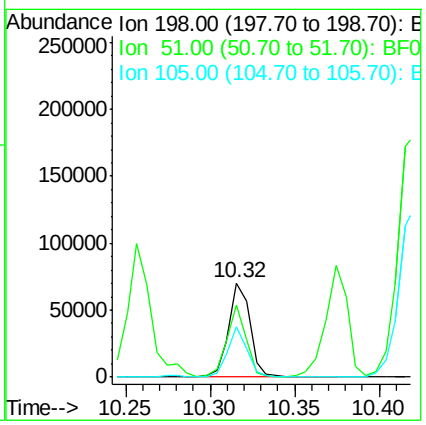


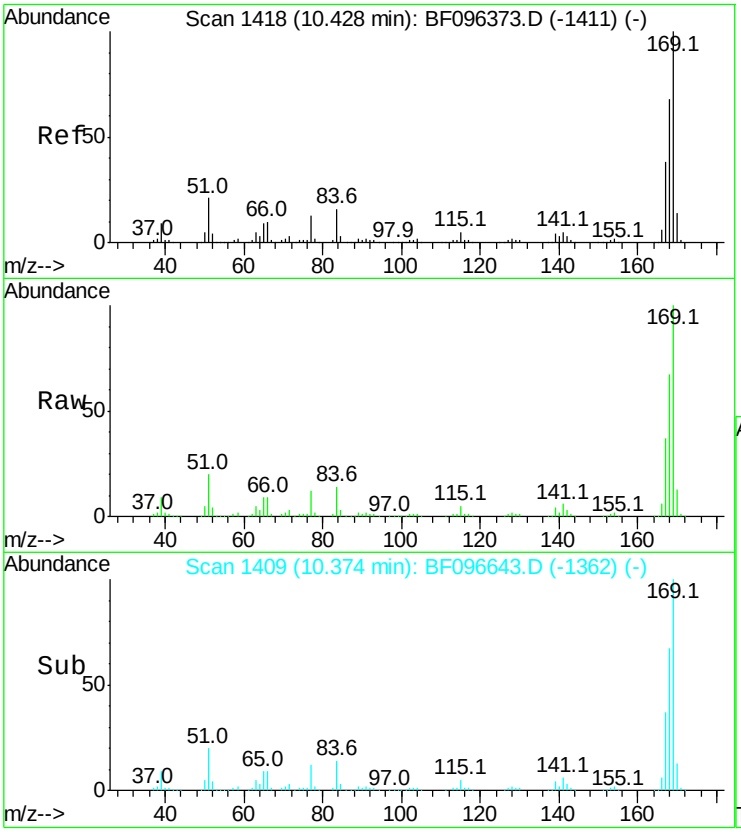


#64
4,6-Dinitro-2-methylphenol
Concen: 23.497 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:198 Resp: 61631

Ion	Ratio	Lower	Upper
198	100		
51	76.1	53.2	93.2
105	53.7	45.8	85.8



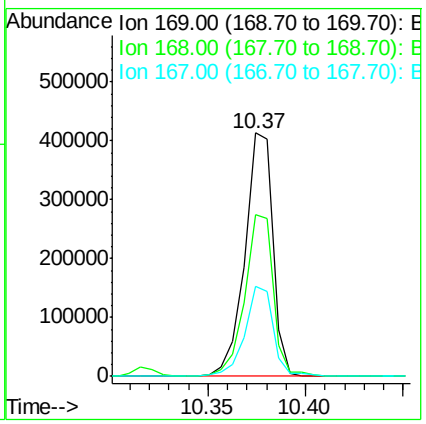


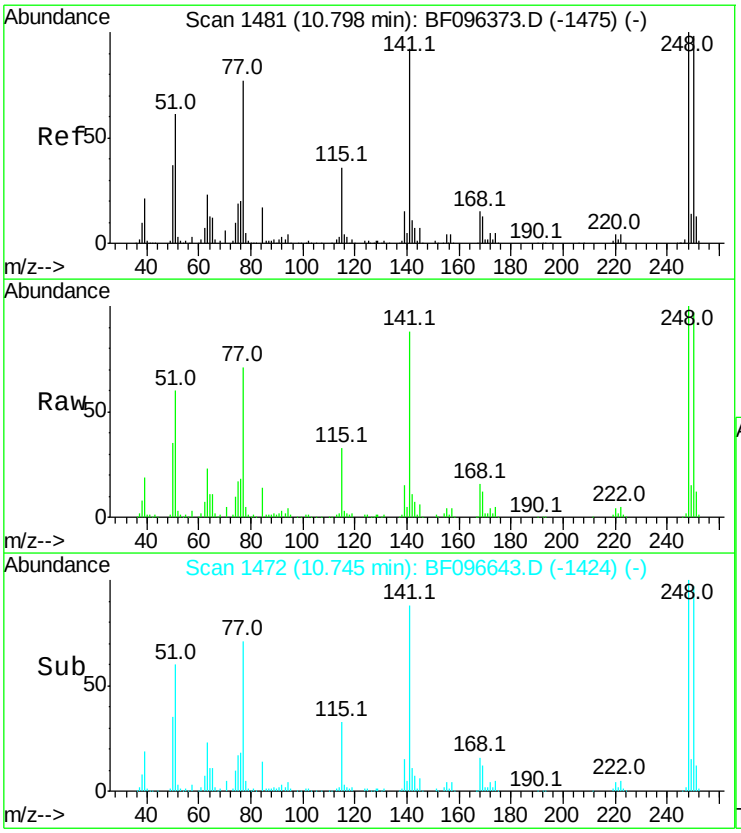
#65
n-Nitrosodiphenylamine
Concen: 30.860 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:169 Resp: 411811

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.2	79.8
167	37.0	29.5	44.3

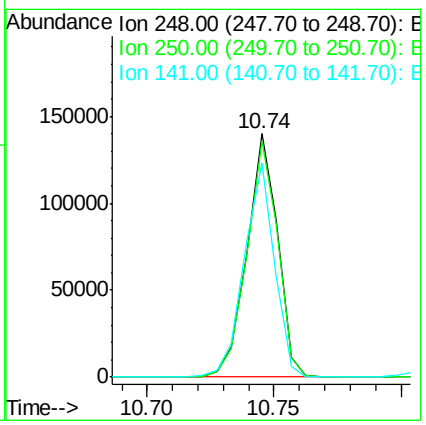


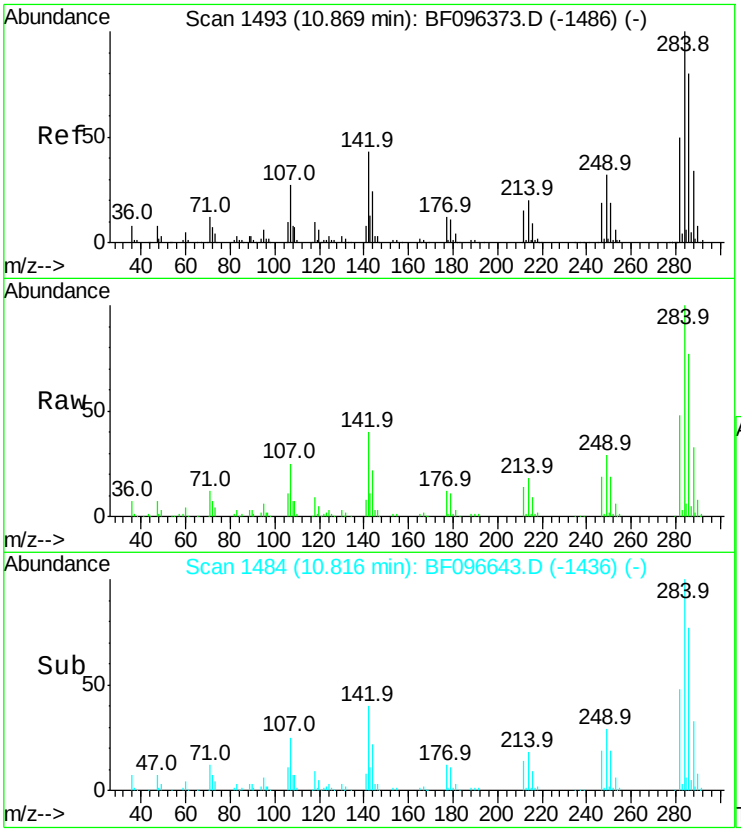


#66
4-Bromophenyl-phenylether
Concen: 31.807 ng
RT: 10.74 min Scan# 1472
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:248 Resp: 117762

Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.8	115.2
141	88.1	68.6	103.0



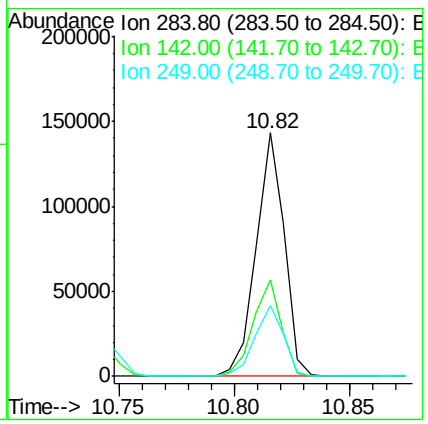


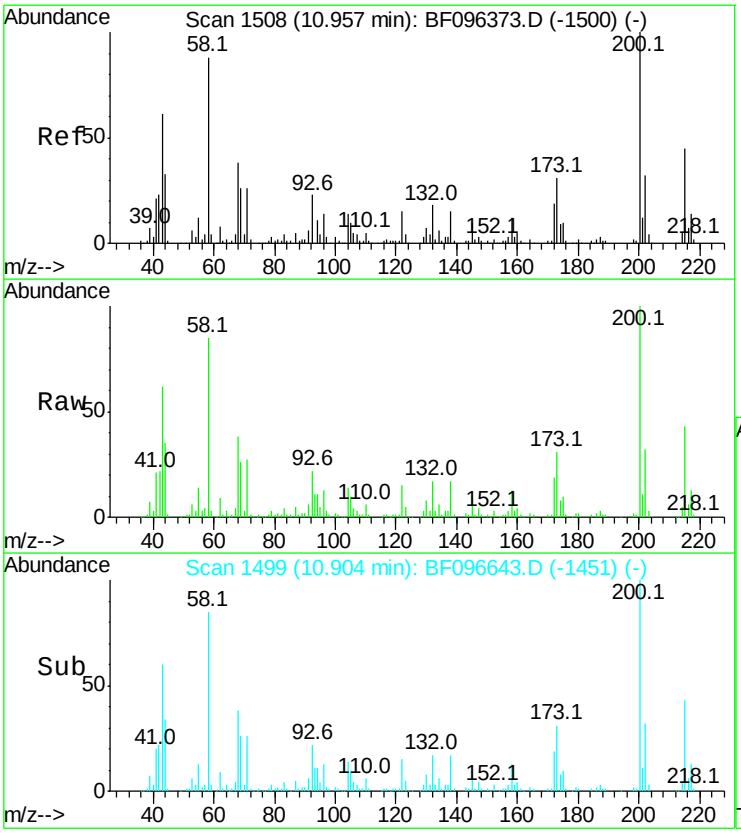
#67
Hexachlorobenzene
Concen: 30.232 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:284 Resp: 122527

Ion	Ratio	Lower	Upper
284	100		
142	39.6	22.8	34.2#
249	29.2	24.0	36.0

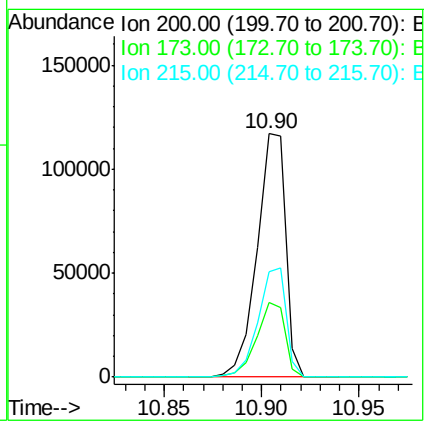


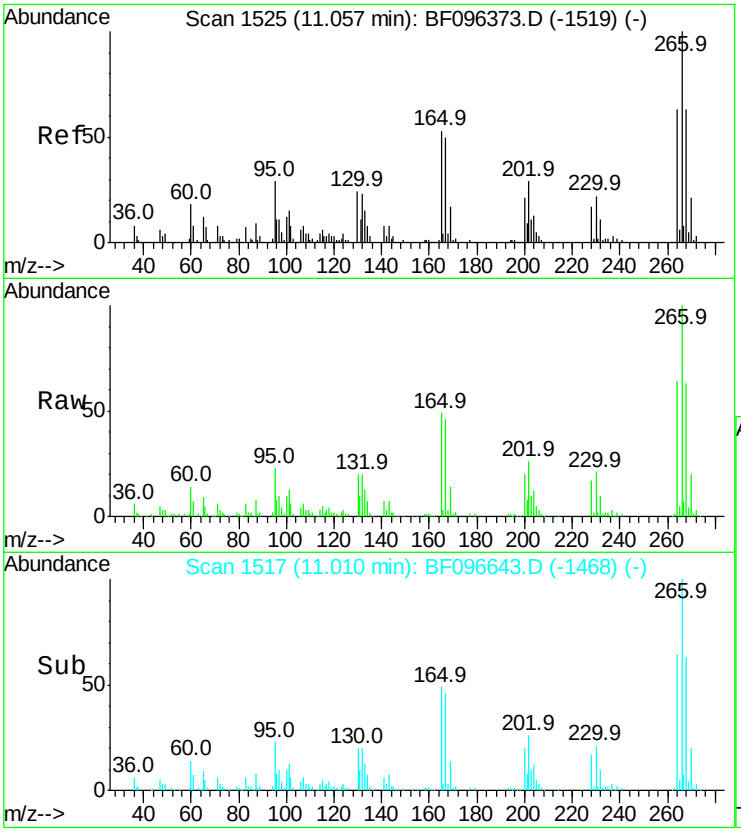


#68
Atrazine
Concen: 31.294 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:200 Resp: 119305

Ion	Ratio	Lower	Upper
200	100		
173	30.9	6.3	46.3
215	43.1	27.2	67.2



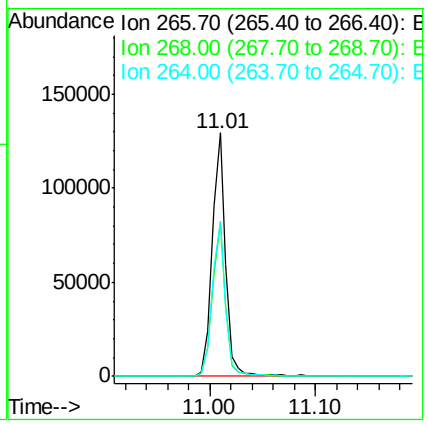


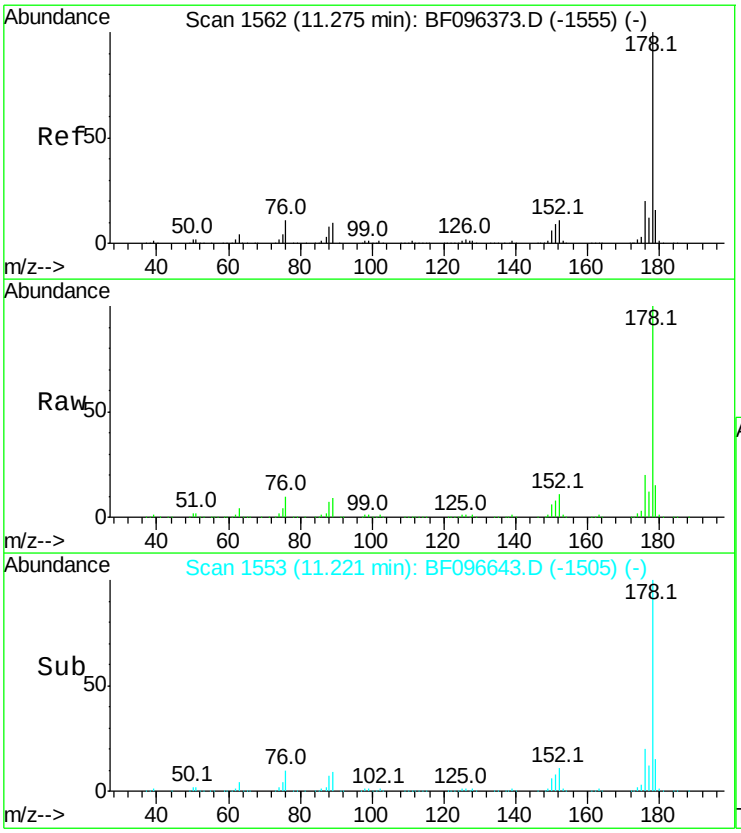
#69
Pentachlorophenol
Concen: 48.891 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:266 Resp: 117438

Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.1	76.7
264	63.8	51.7	77.5

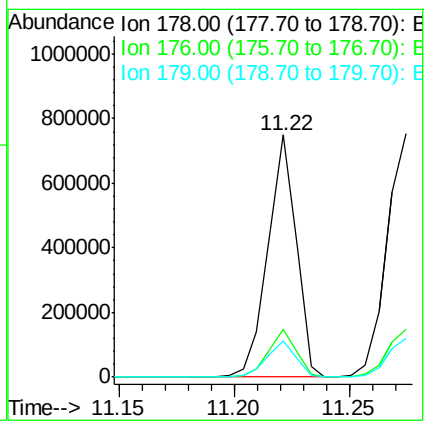


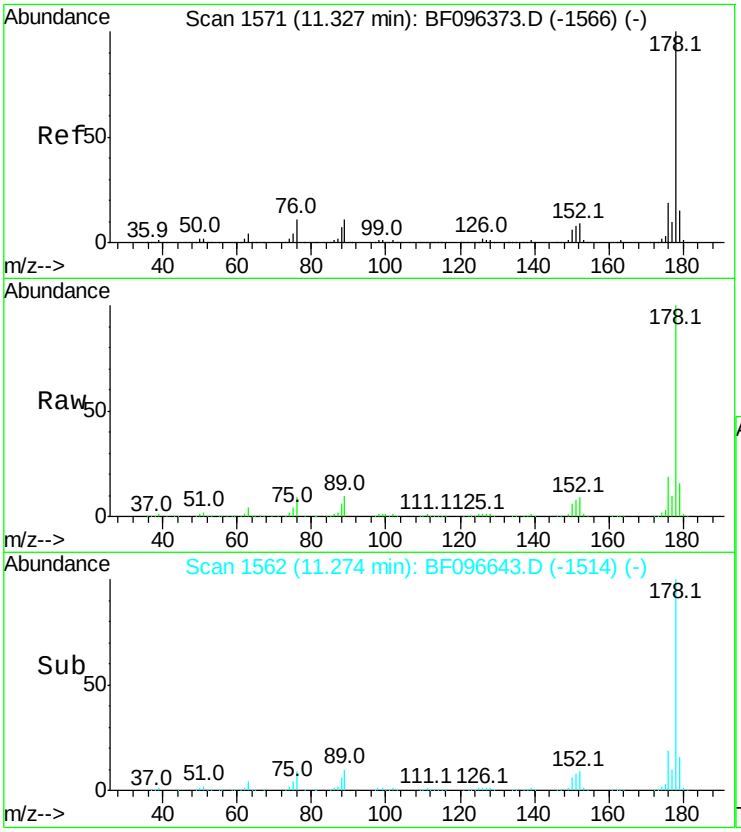


#70
Phenanthrene
Concen: 31.302 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:178 Resp: 643555

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	15.1	12.6	19.0



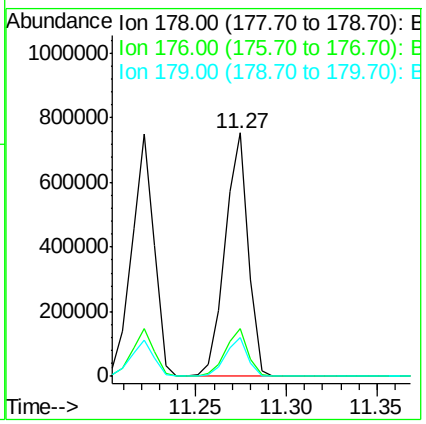


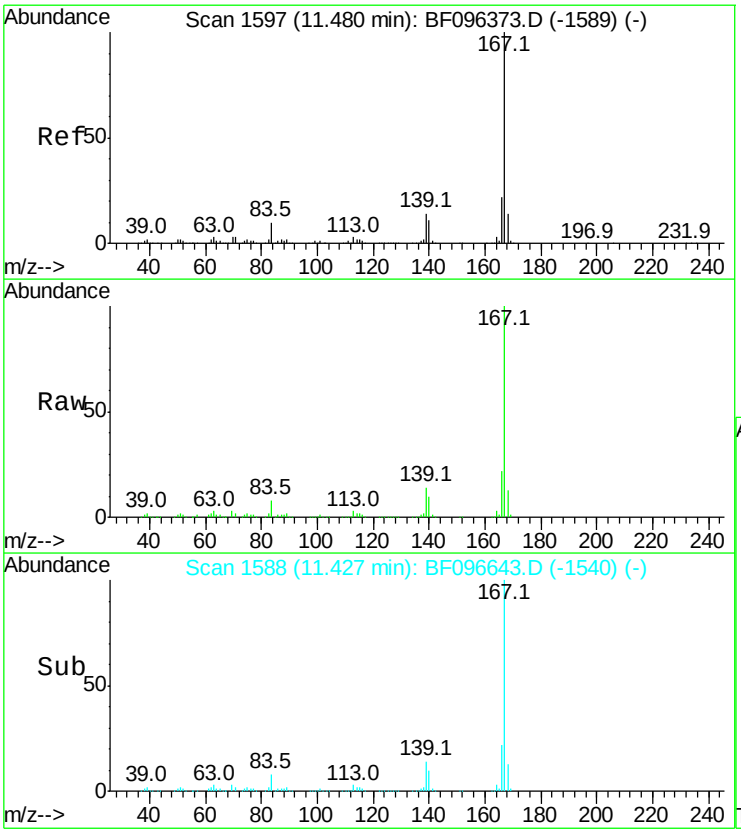
#71
Anthracene
Concen: 31.909 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:178 Resp: 668533

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.7	12.7	19.1

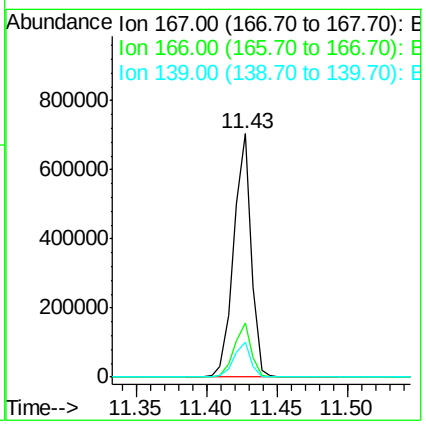


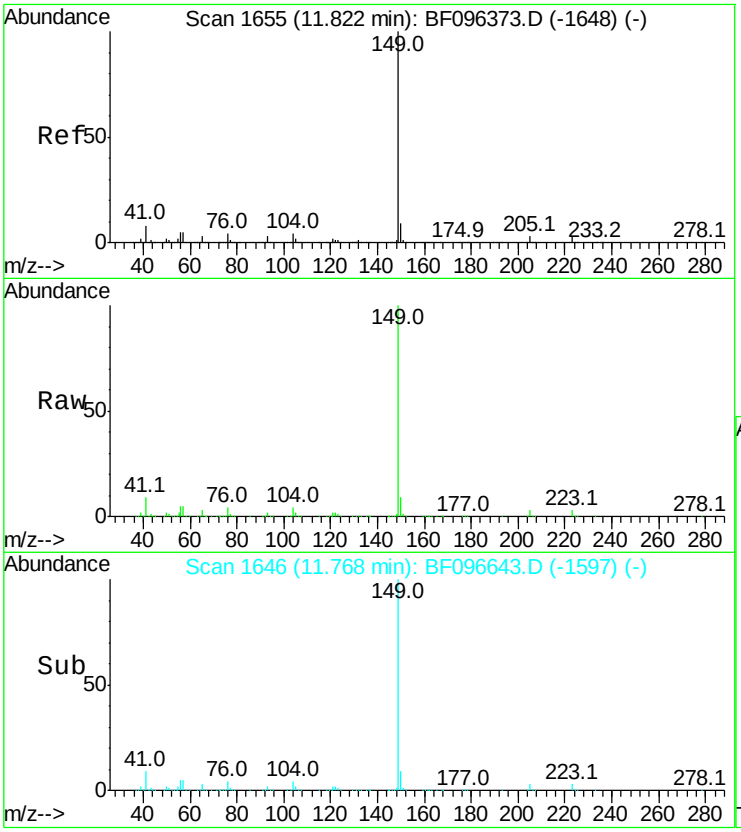


#72
Carbazole
Concen: 28.680 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:167 Resp: 604283

Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.1	27.1
139	14.2	11.7	17.5



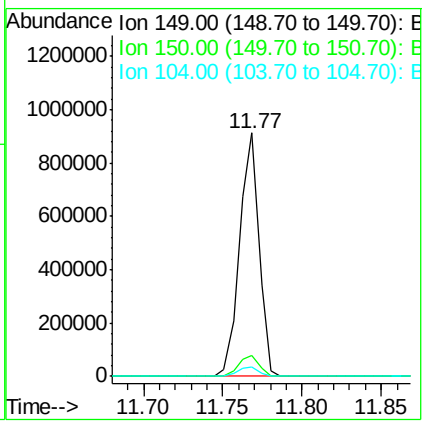


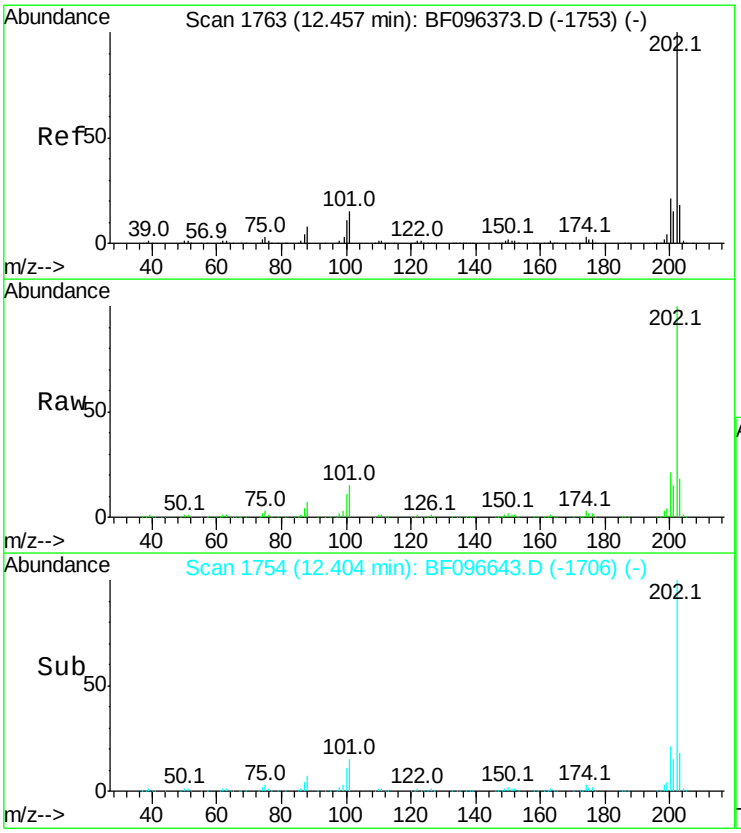
#73
Di-n-butylphthalate
Concen: 30.275 ng
RT: 11.77 min Scan# 1646
Delta R.T. -0.01 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:149 Resp: 772634

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.7	11.5
104	4.1	4.0	6.0

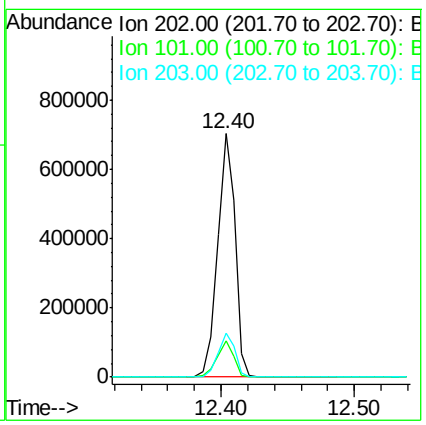


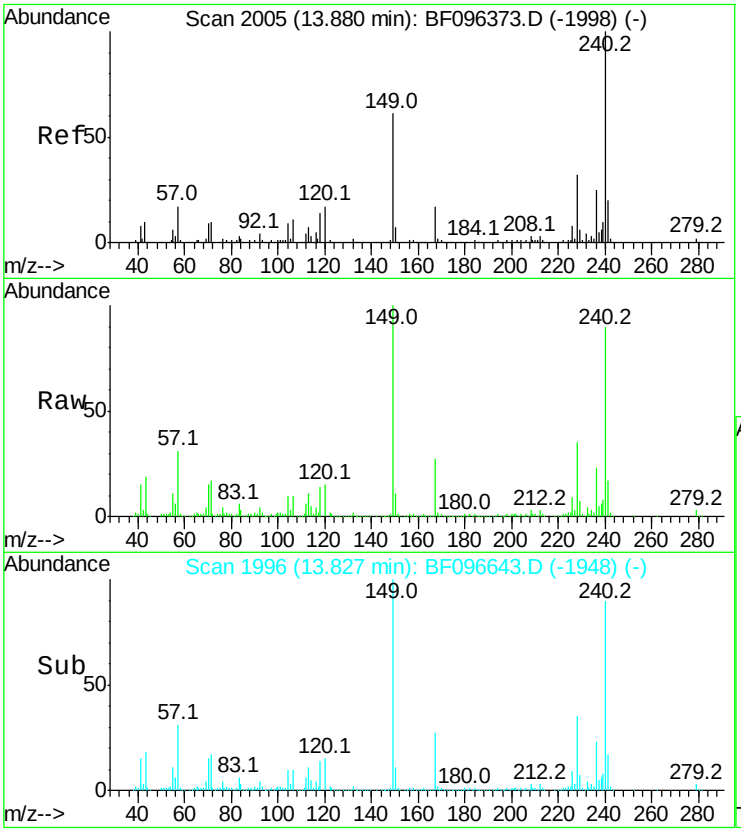


#74
Fluoranthene
Concen: 32.246 ng
RT: 12.40 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:202 Resp: 649996

Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	33.2
203	17.8	0.0	38.1



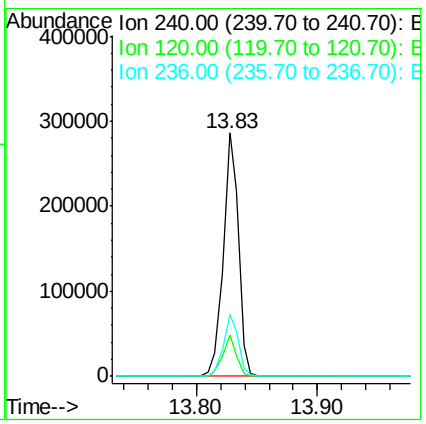


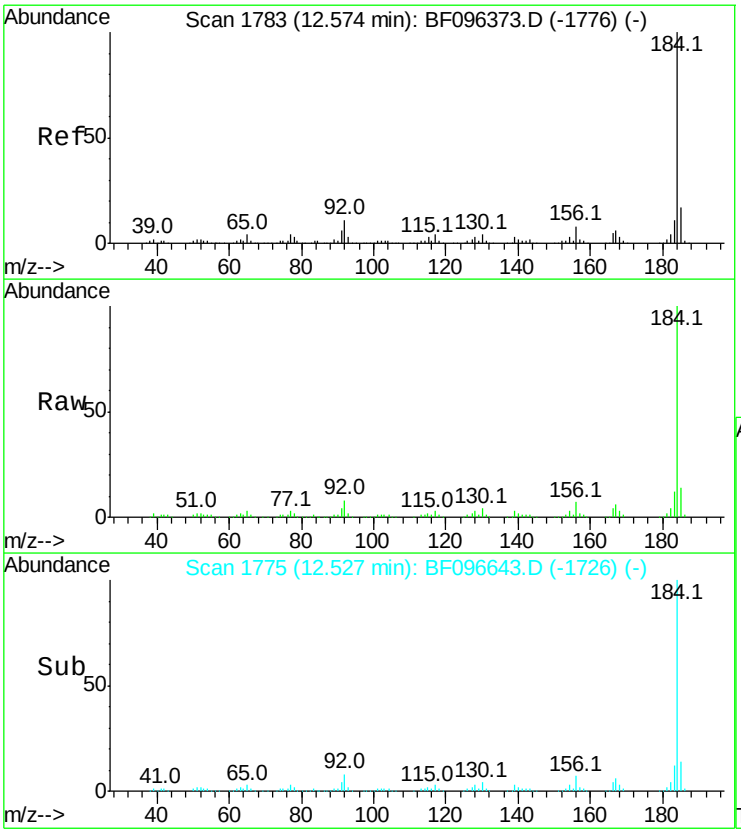
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:240 Resp: 248325

Ion	Ratio	Lower	Upper
240	100		
120	16.8	5.8	8.8#
236	25.2	20.5	30.7

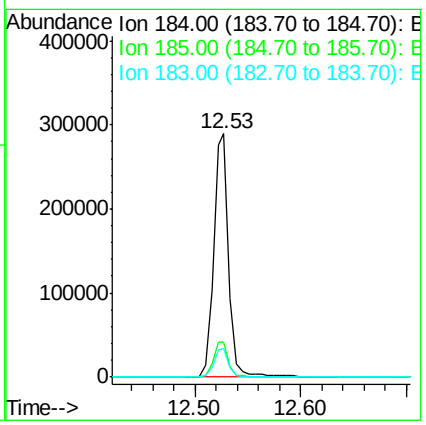


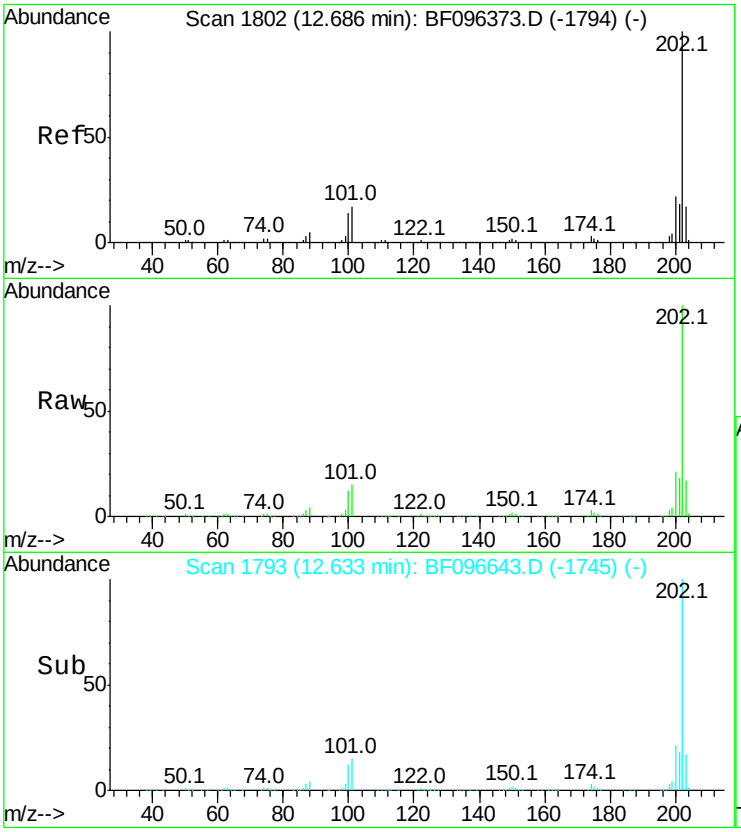


#76
Benzidine
Concen: 24.323 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:184 Resp: 289818

Ion	Ratio	Lower	Upper
184	100		
185	14.2	15.5	23.3#
183	11.7	9.8	14.6



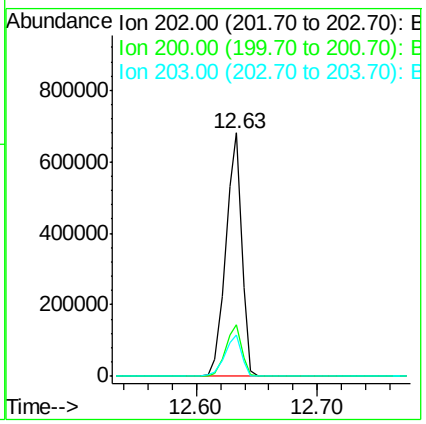


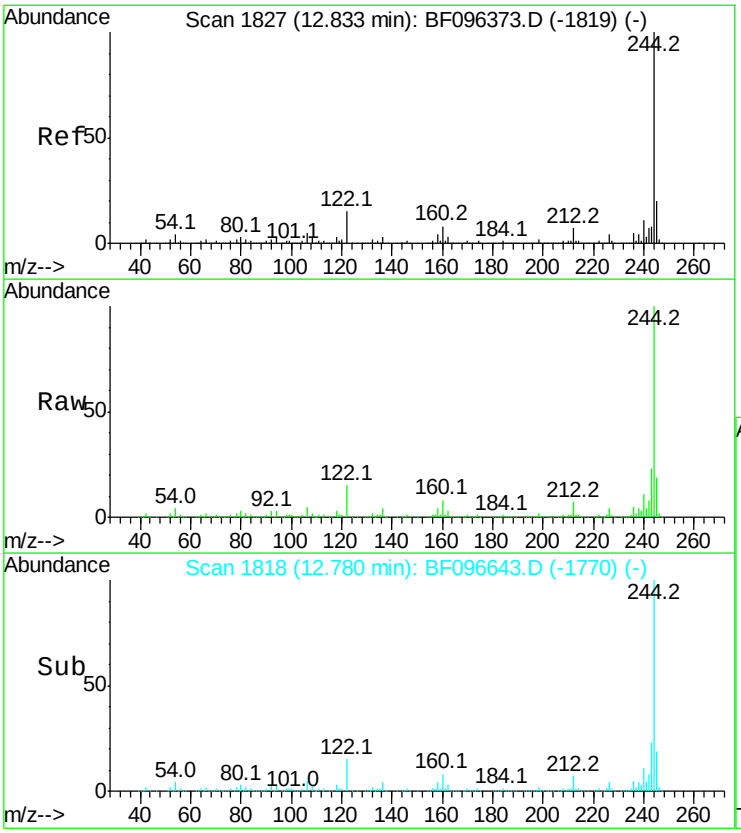
#77
Pyrene
Concen: 31.182 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:202 Resp: 621532

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	17.2	14.4	21.6

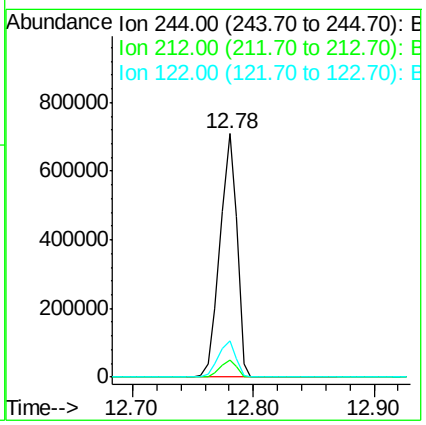


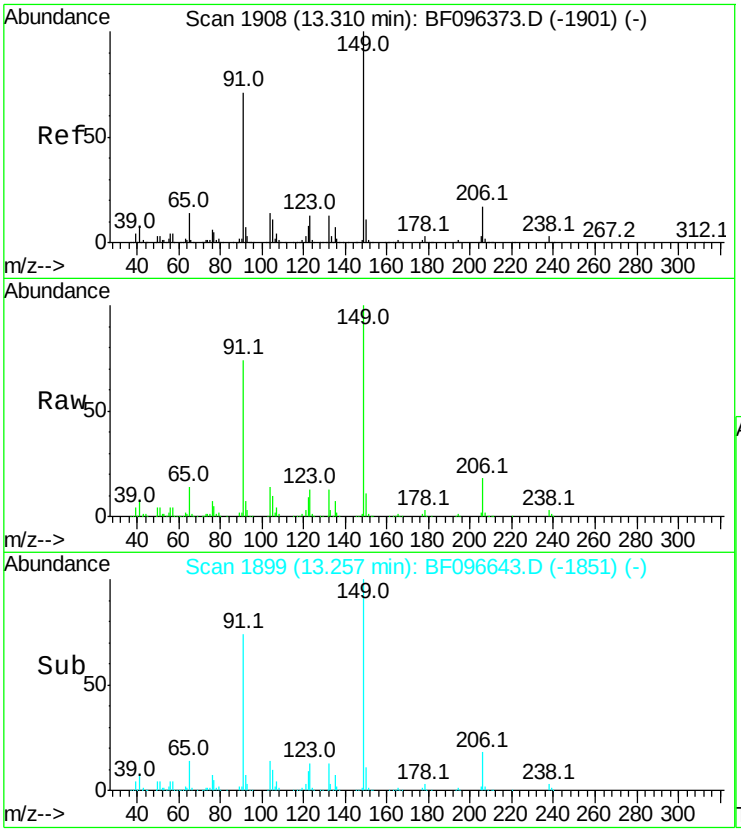


#78
Terphenyl-d14
Concen: 59.241 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:244 Resp: 688443

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	15.0	10.3	15.5



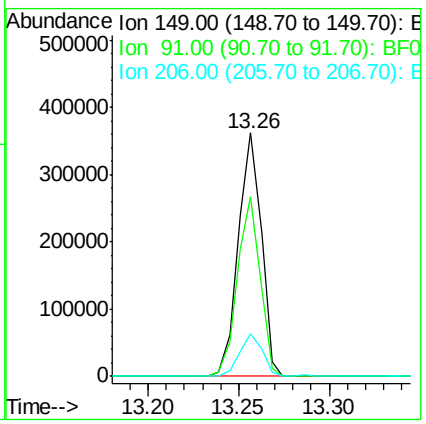


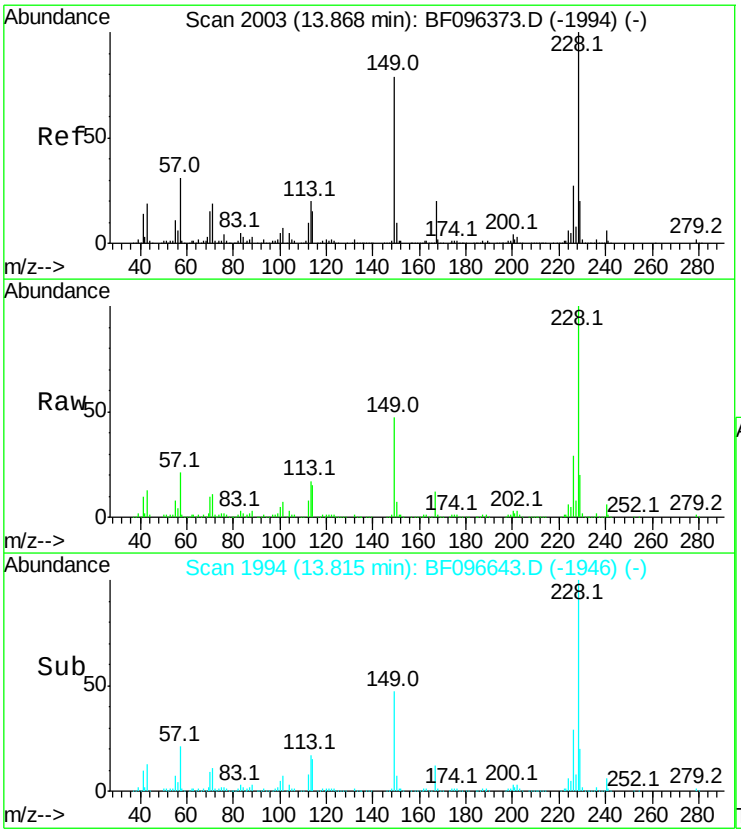
#79
Butylbenzylphthalate
Concen: 31.720 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:149 Resp: 320058

Ion	Ratio	Lower	Upper
149	100		
91	73.5	45.0	67.4#
206	17.6	17.0	25.6

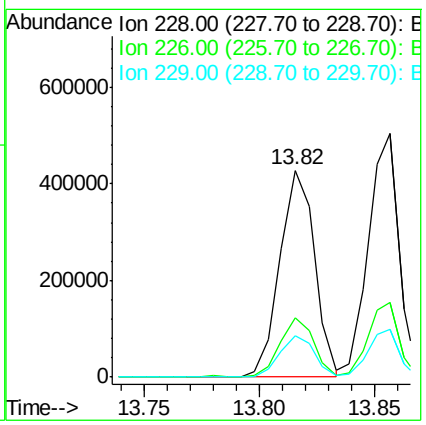


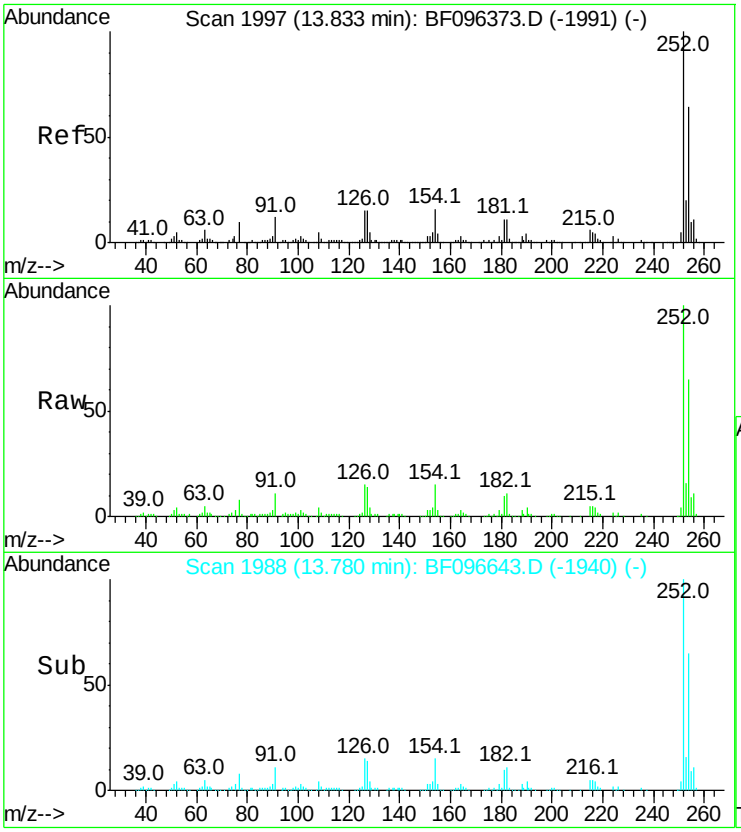


#80
Benzo(a)anthracene
Concen: 30.994 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:228 Resp: 445695

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	20.3	16.3	24.5



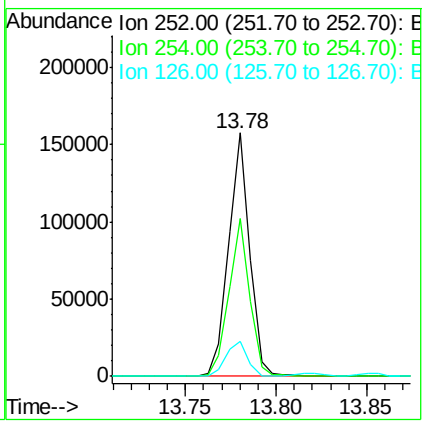


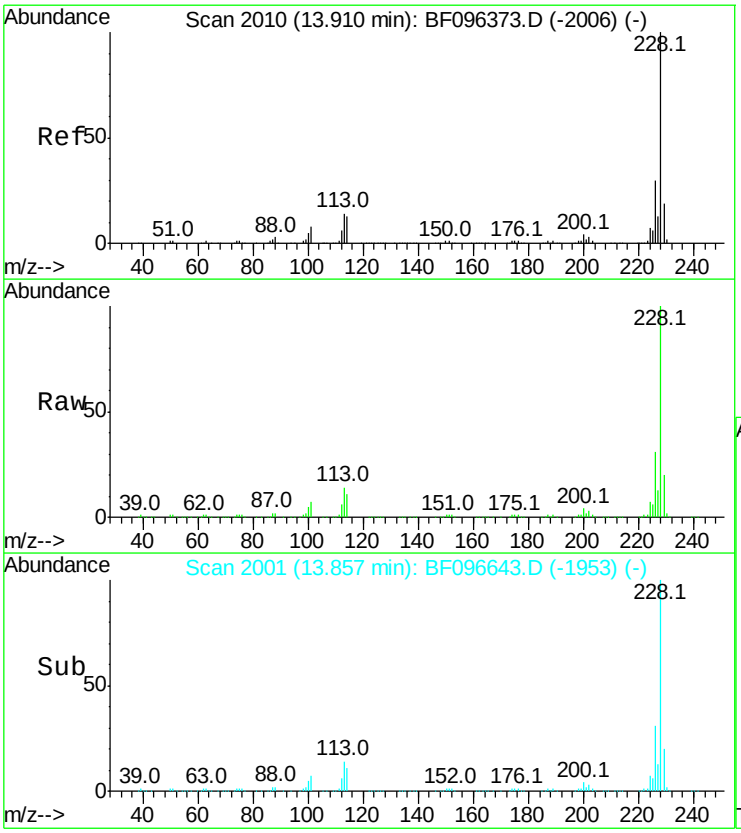
#81
3,3'-Dichlorobenzidine
Concen: 21.748 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:252 Resp: 128448

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.5	77.3
126	14.5	15.8	23.8#

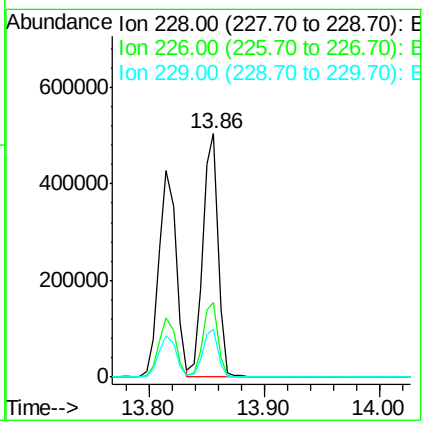


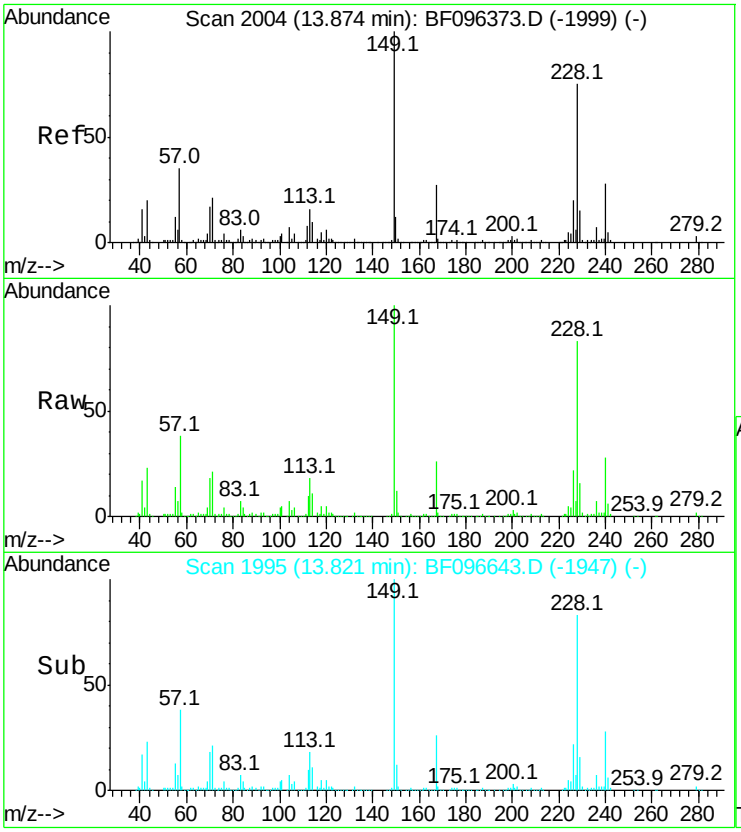


#82
Chrysene
Concen: 31.036 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:228 Resp: 467362

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	19.7	15.8	23.6



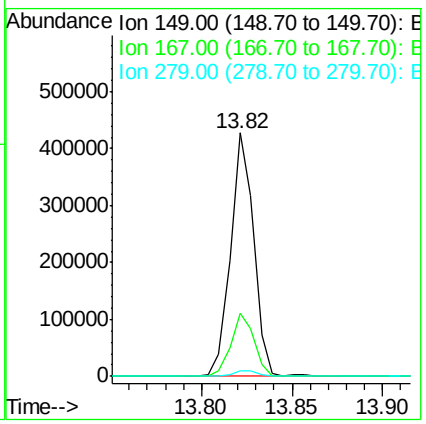


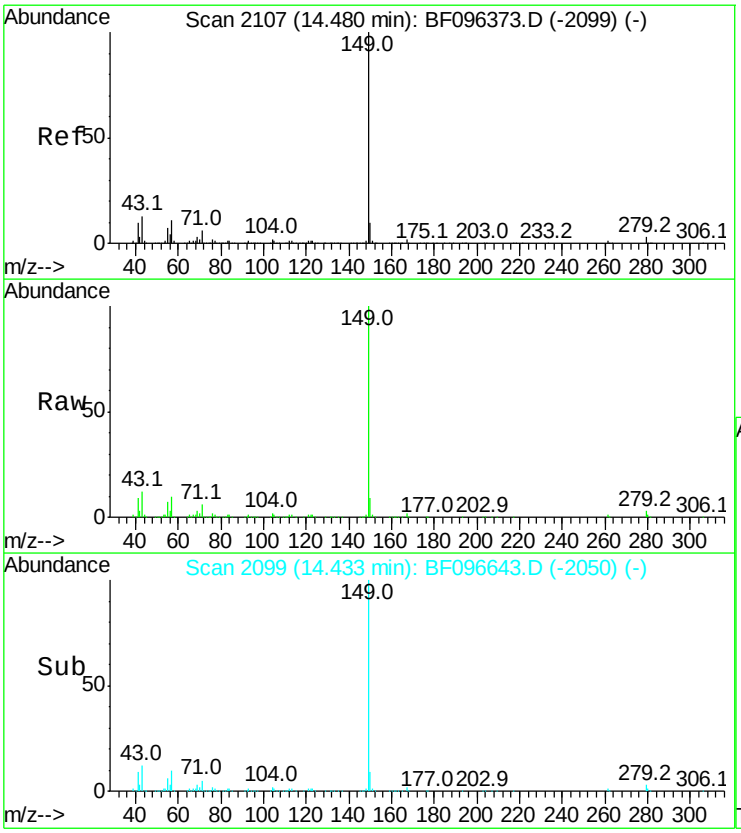
#83
Bis(2-ethylhexyl)phthalate
Concen: 33.658 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:149 Resp: 379087

Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.0	31.4
279	2.3	1.9	2.9

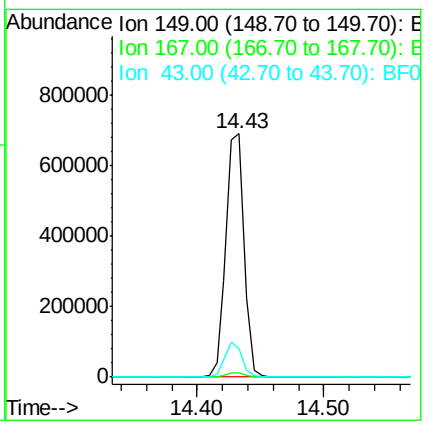


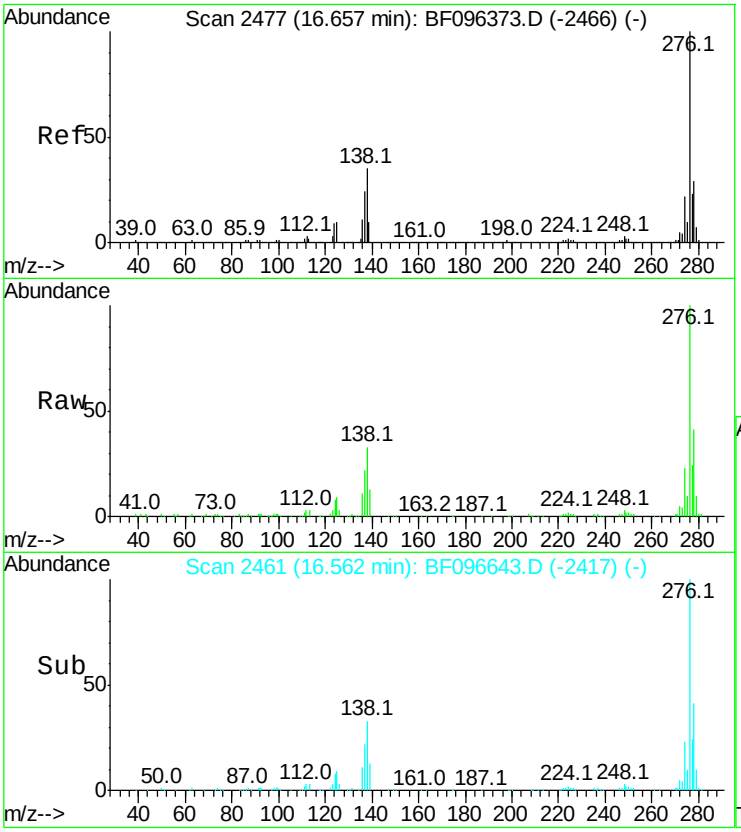


#84
Di-n-octyl phthalate
Concen: 30.808 ng
RT: 14.43 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:149 Resp: 683298

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	13.1	8.5	12.7#



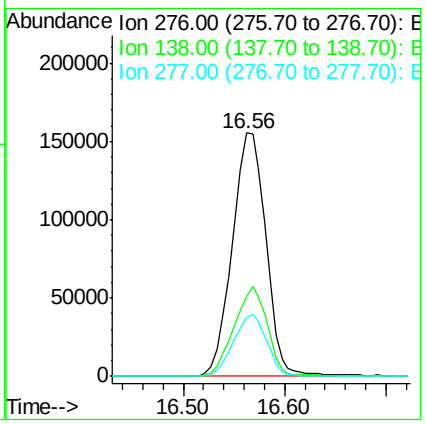


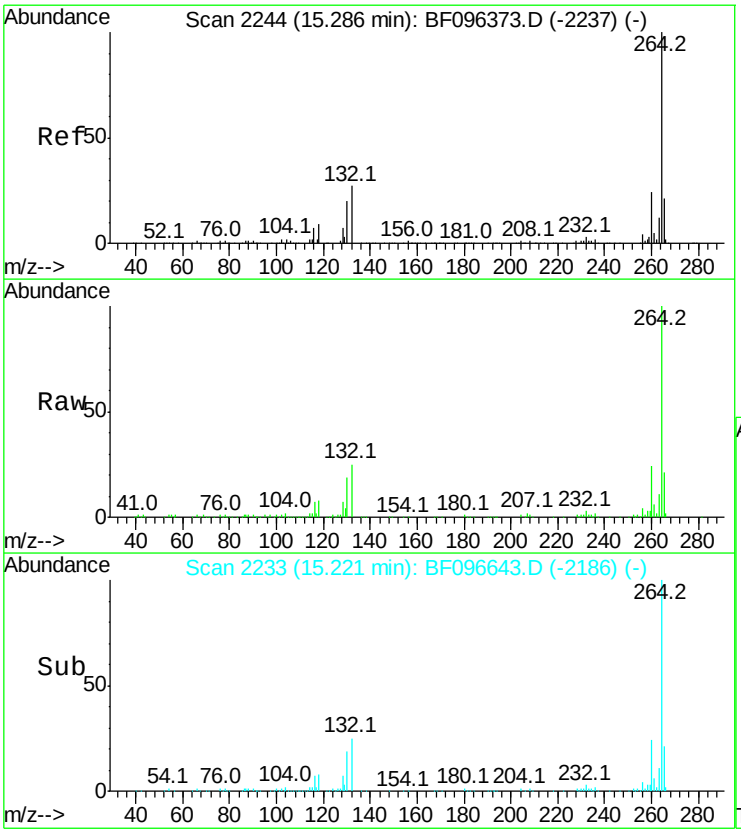
#85
Indeno(1,2,3-cd)pyrene
Concen: 30.170 ng
RT: 16.56 min Scan# 2461
Delta R.T. -0.04 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:276 Resp: 358629

Ion	Ratio	Lower	Upper
276	100		
138	36.4	27.8	41.6
277	25.0	20.2	30.4

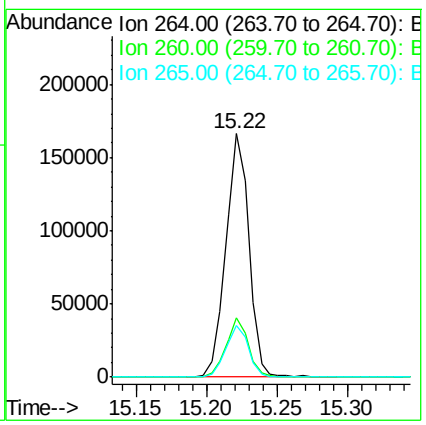


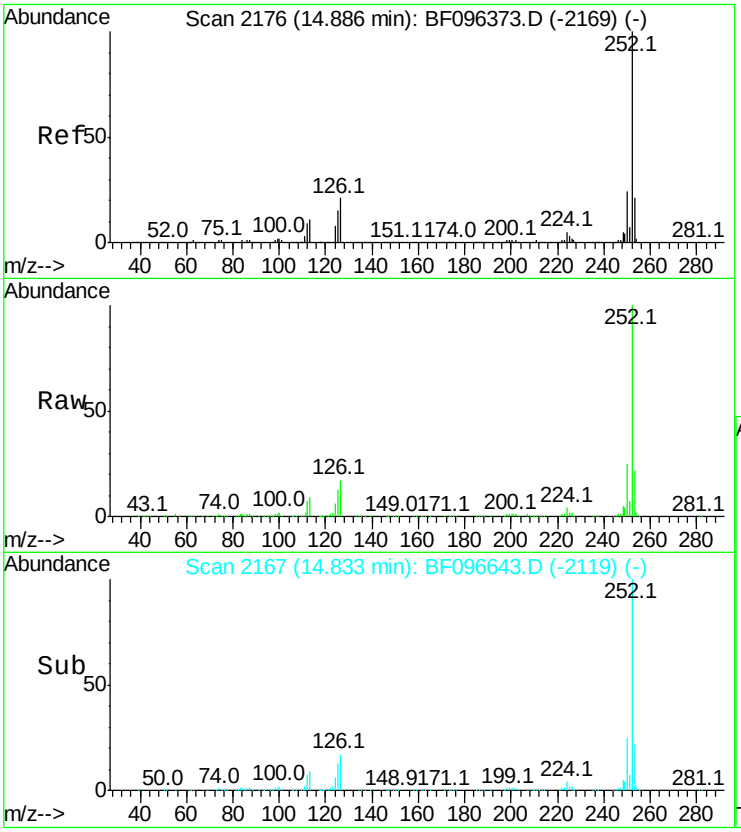


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:264 Resp: 189495

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.5	17.2	25.8



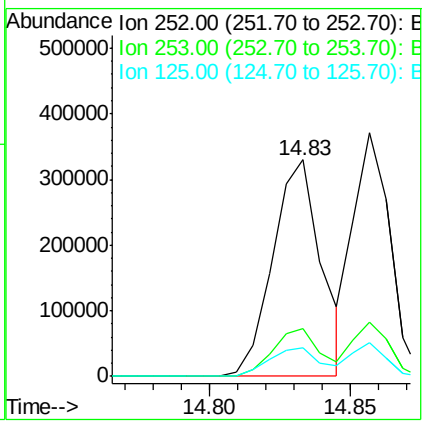


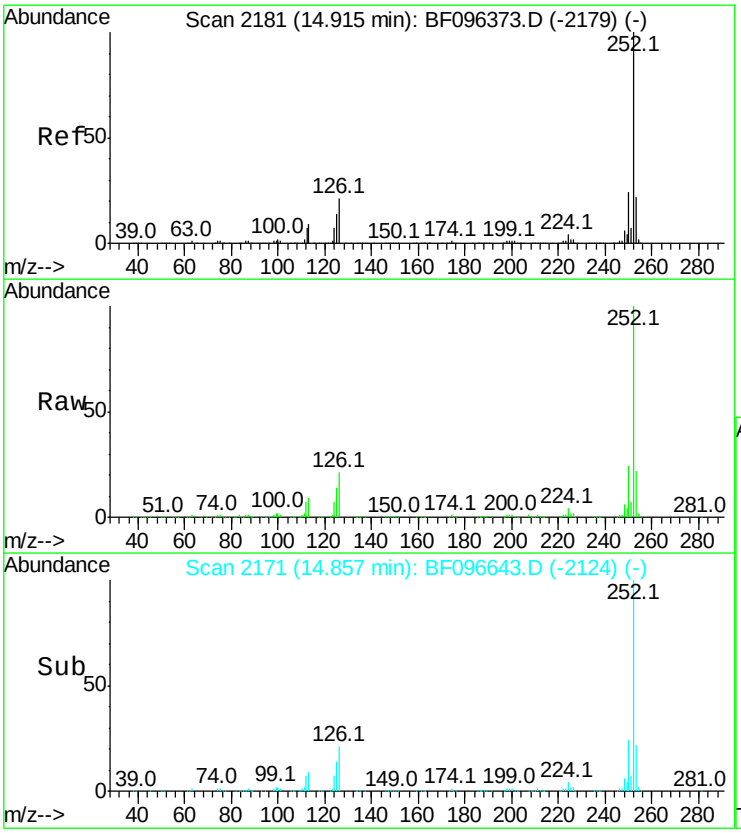
#87
Benzo(b)fluoranthene
Concen: 33.099 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:252 Resp: 393013

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	13.5	9.8	14.8

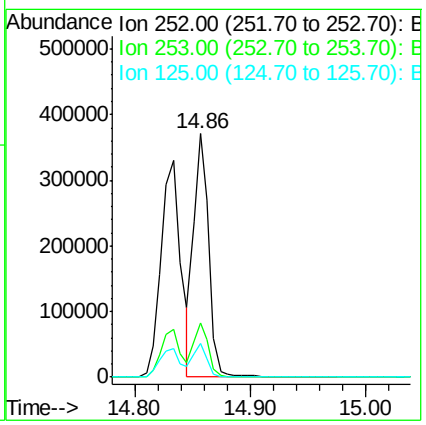


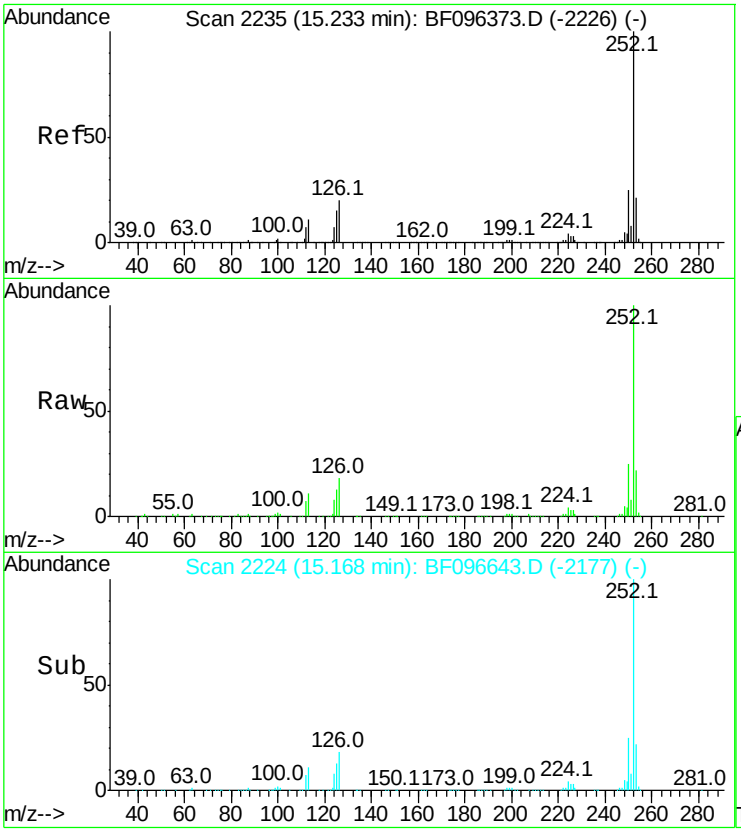


#88
Benzo(k)fluoranthene
Concen: 32.125 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:252 Resp: 341209

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	13.8	13.1	19.7



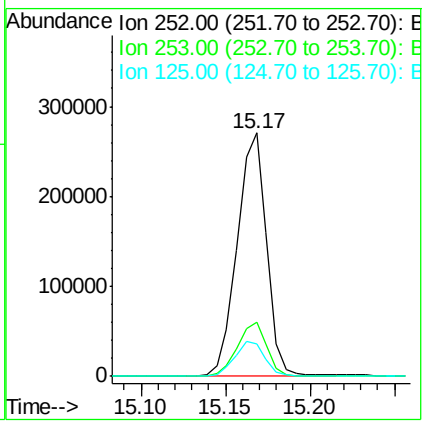


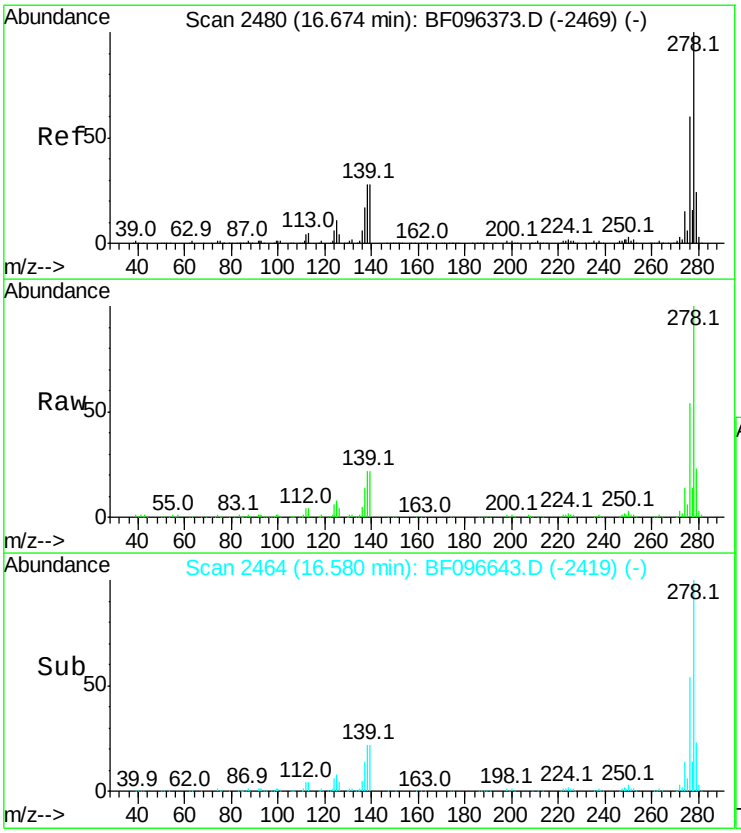
#89
Benzo(a)pyrene
Concen: 31.047 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:252 Resp: 329128

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	13.2	11.0	16.4

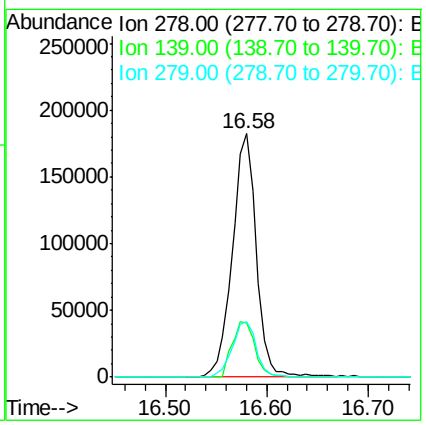


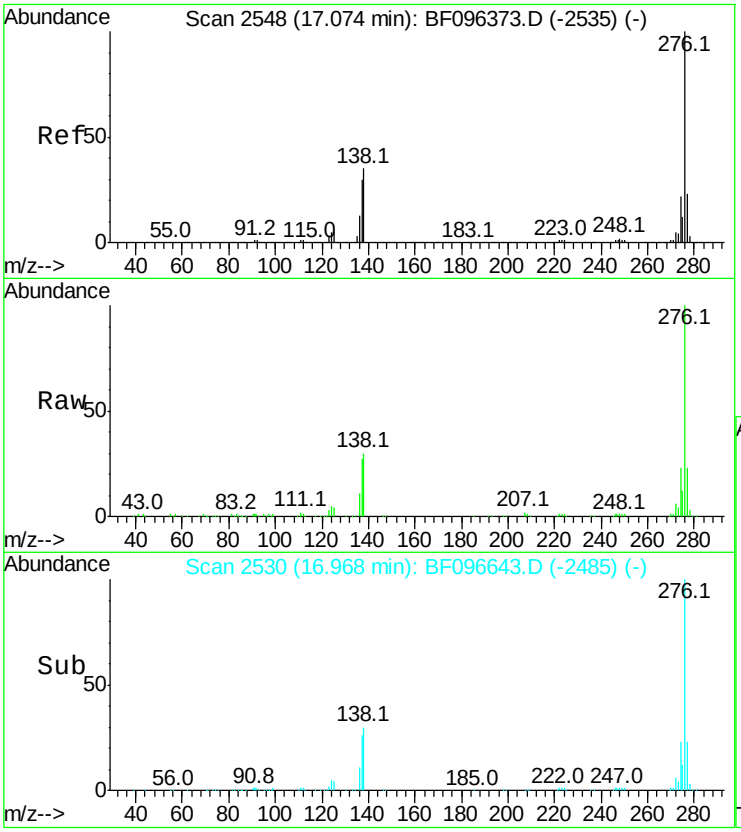


#90
Dibenzo(a,h)anthracene
Concen: 35.805 ng
RT: 16.58 min Scan# 2464
Delta R.T. -0.04 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Tgt Ion:278 Resp: 298600

Ion	Ratio	Lower	Upper
278	100		
139	22.4	16.6	24.8
279	22.9	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 36.684 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.04 min
Lab File: BF096643.D
Acq: 11 Jul 2017 14:40

Instrument :
BNA_F
ClientSampleId :
NAA-SANDMS

Tgt Ion:276 Resp: 317014

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	28.0
138	30.1	25.4	38.0