Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099547.D
Acq On : 16 Oct 2017 16:31
Operator : SJ/JU
Sample : I5782-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S1(1-3)MSD

Quant Time: Oct 17 12:11:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	96050	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	393057	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	167106	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	253408	20.00	ng		0.00
75) Chrysene-d12	14.02	240	167536	20.00	ng		0.00
86) Perylene-d12	15.49	264	182615	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	519551	86.11	ng		0.00
7) Phenol-d6	6.48	99	645506	86.72	ng		0.00
23) Nitrobenzene-d5	7.41	82	392971	64.12	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	102201	74.74	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	751750	75.10	ng		-0.01
78) Terphenyl-d14	12.95	244	479638	65.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	70411	24.430	ng		96
4) n-Nitrosodimethylamine	3.39	42	73868	22.342	ng	#	80
6) Aniline	6.51	93	38785	3.861	ng	#	82
8) 2-Chlorophenol	6.63	128	191052	27.961	ng		93
9) Benzaldehyde	6.40	77	68675	15.906	ng		99
10) Phenol	6.49	94	264346	31.756	ng		97
11) bis(2-Chloroethyl)ether	6.58	93	185024	28.591	ng		97
12) 1,3-Dichlorobenzene	6.79	146	214808	30.018	ng		95
13) 1,4-Dichlorobenzene	6.86	146	214584	29.473	ng		96
14) 1,2-Dichlorobenzene	7.02	146	205411	30.534	ng		97
15) Benzyl Alcohol	6.99	79	148728	27.238	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	256249	25.415	ng		91
17) 2-Methylphenol	7.10	107	156785	28.043	ng		97
18) Hexachloroethane	7.35	117	73221	27.979	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	122244	25.724	ng		95
20) 3+4-Methylphenols	7.25	107	190431	26.924	ng	#	66
22) Acetophenone	7.26	105	259265	27.225	ng		99
24) Nitrobenzene	7.43	77	191495	27.543	ng		96
25) Isophorone	7.66	82	343361	27.096	ng		100
26) 2-Nitrophenol	7.75	139	82205	24.588	ng		90
27) 2,4-Dimethylphenol	7.78	122	154958	24.542	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	231148	29.271	ng		98
29) 2,4-Dichlorophenol	7.99	162	141876	26.172	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	166763	30.757	ng		99
31) Naphthalene	8.15	128	554465	30.035	ng		100
32) Benzoic acid	7.78	122	154958	29.877	ng	#	13
33) 4-Chloroaniline	8.20	127	92571	12.008	ng	#	93
34) Hexachlorobutadiene	8.26	225	83058	29.742	ng		98
35) Caprolactam	8.56	113	11814	6.794	ng		86
36) 4-Chloro-3-methylphenol	8.68	107	153179	25.139	ng		94
37) 2-Methylnaphthalene	8.84	142	374790	31.230	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	149367	29.972	ng		98
40) Hexachlorocyclopentadiene	8.99	237	34882	15.316	ng		96
42) 2,4,6-Trichlorophenol	9.12	196	83381	23.617	ng		99

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Data File : BF099547.D
Acq On : 16 Oct 2017 16:31
Operator : SJ/JU
Sample : I5782-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S1(1-3)MSD

Quant Time: Oct 17 12:11:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.16	196	75827	21.515	ng		97
45) 1,1'-Biphenyl	9.30	154	434633	30.263	ng		99
46) 2-Chloronaphthalene	9.33	162	335560	31.119	ng		97
47) 2-Nitroaniline	9.43	65	90929	27.539	ng	#	80
48) Acenaphthylene	9.75	152	495039	29.989	ng		99
49) Dimethylphthalate	9.60	163	532102	42.189	ng		99
50) 2,6-Dinitrotoluene	9.67	165	82319	29.980	ng		95
51) Acenaphthene	9.92	154	292065	27.932	ng		99
52) 3-Nitroaniline	9.85	138	85137	26.592	ng		87
54) Dibenzofuran	10.09	168	438021	31.462	ng		99
55) 4-Nitrophenol	10.01	139	62063	22.926	ng		88
56) 2,4-Dinitrotoluene	10.08	165	101232	28.408	ng		89
57) Fluorene	10.43	166	338956	30.290	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	42805	17.582	ng		99
59) Diethylphthalate	10.30	149	358652	29.102	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	155110	30.857	ng		93
61) 4-Nitroaniline	10.46	138	81389	26.350	ng		87
62) Azobenzene	10.58	77	348628	30.766	ng		93
65) n-Nitrosodiphenylamine	10.54	169	289368	32.962	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	84951	34.248	ng		92
67) Hexachlorobenzene	10.98	284	80692	30.459	ng		96
68) Atrazine	11.06	200	87663	33.190	ng		99
69) Pentachlorophenol	11.18	266	15586	9.453	ng		93
70) Phenanthrene	11.40	178	428448	31.587	ng		99
71) Anthracene	11.44	178	440518	31.740	ng		100
72) Carbazole	11.60	167	392531	28.881	ng		98
73) Di-n-butylphthalate	11.92	149	515723	31.525	ng		98
74) Fluoranthene	12.59	202	379510	27.630	ng		97
77) Pyrene	12.82	202	384149	30.070	ng		99
79) Butylbenzylphthalate	13.42	149	178289	29.695	ng		94
80) Benzo(a)anthracene	14.00	228	310120	30.570	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	89292	24.010	ng		99
82) Chrysene	14.04	228	300625	31.126	ng		98
83) Bis(2-ethylhexyl)phthalate	13.97	149	250907	30.349	ng	#	98
84) Di-n-octyl phthalate	14.59	149	424717	31.905	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.98	276	332463	43.032	ng		96
87) Benzo(b)fluoranthene	15.06	252	313140	27.889	ng		98
88) Benzo(k)fluoranthene	15.09	252	319221	28.785	ng		99
89) Benzo(a)pyrene	15.43	252	315880	30.649	ng		98
90) Dibenzo(a,h)anthracene	16.98	278	282234	34.218	ng		97
91) Benzo(g,h,i)perylene	17.43	276	266729	32.715	ng		98

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

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Sample : I5782-01MSD
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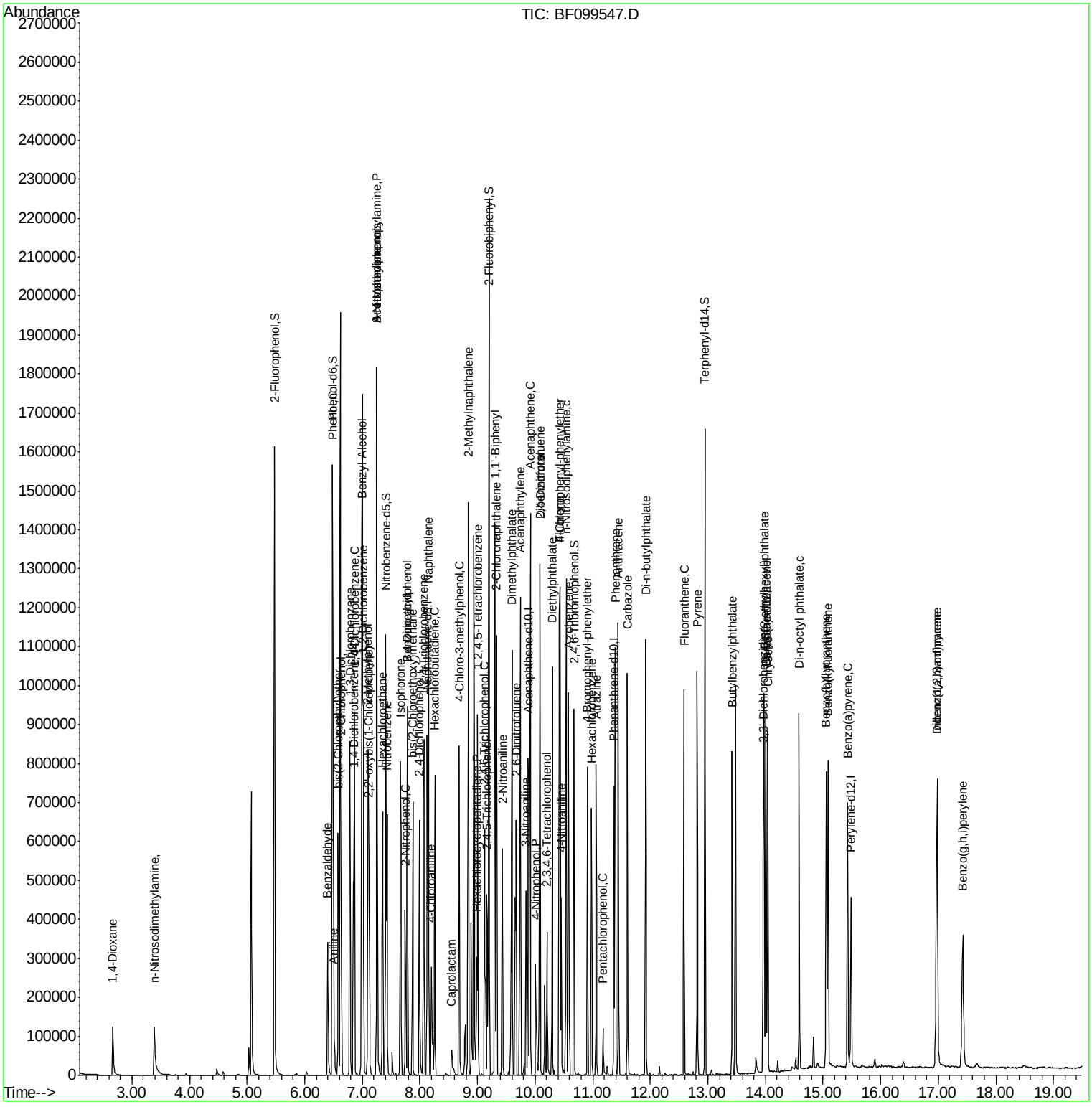
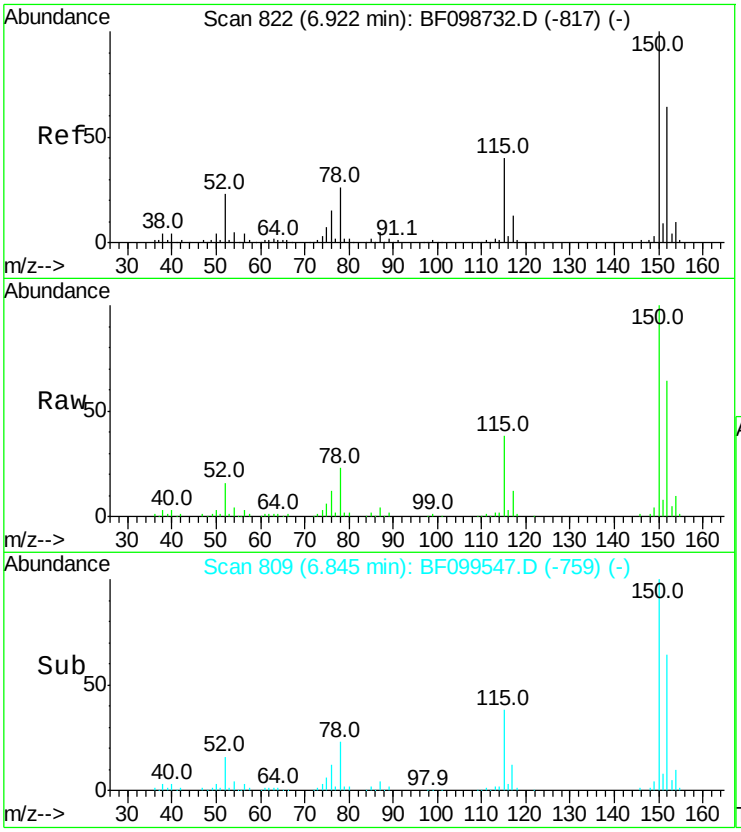
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Quant Time: Oct 17 12:11:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration



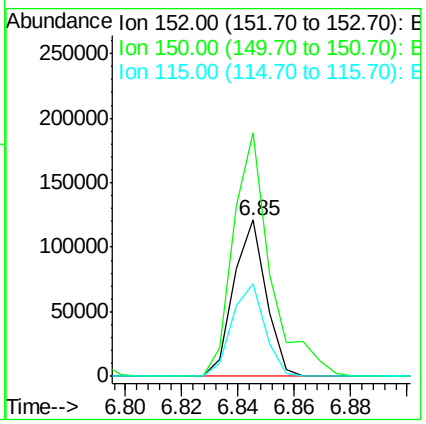


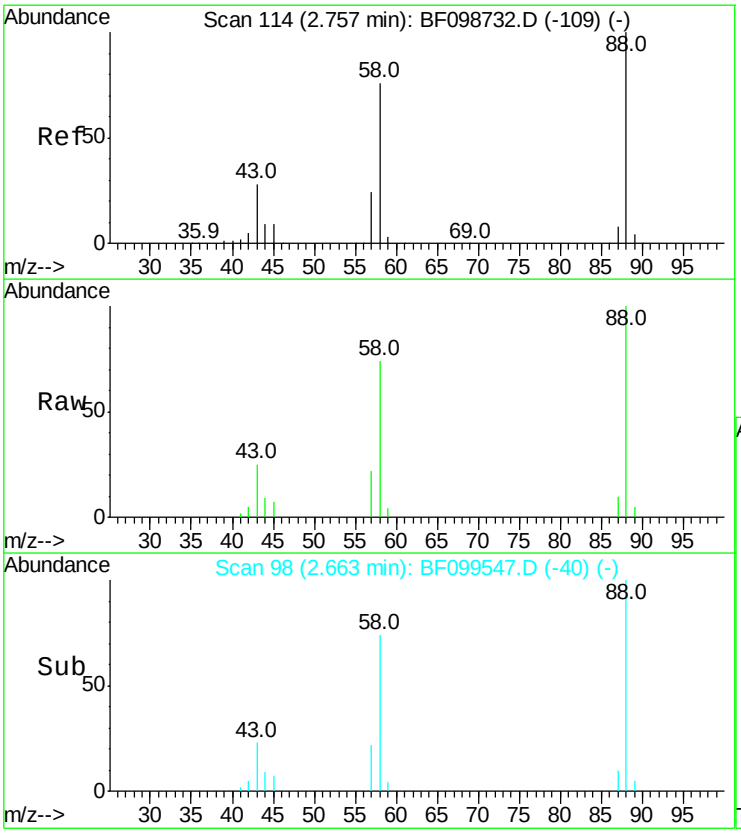
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:152 Resp: 96050

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	59.2	50.1	75.1

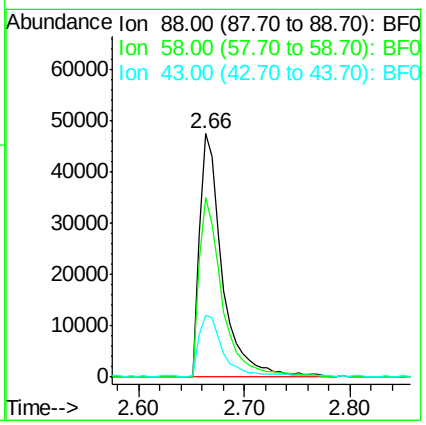


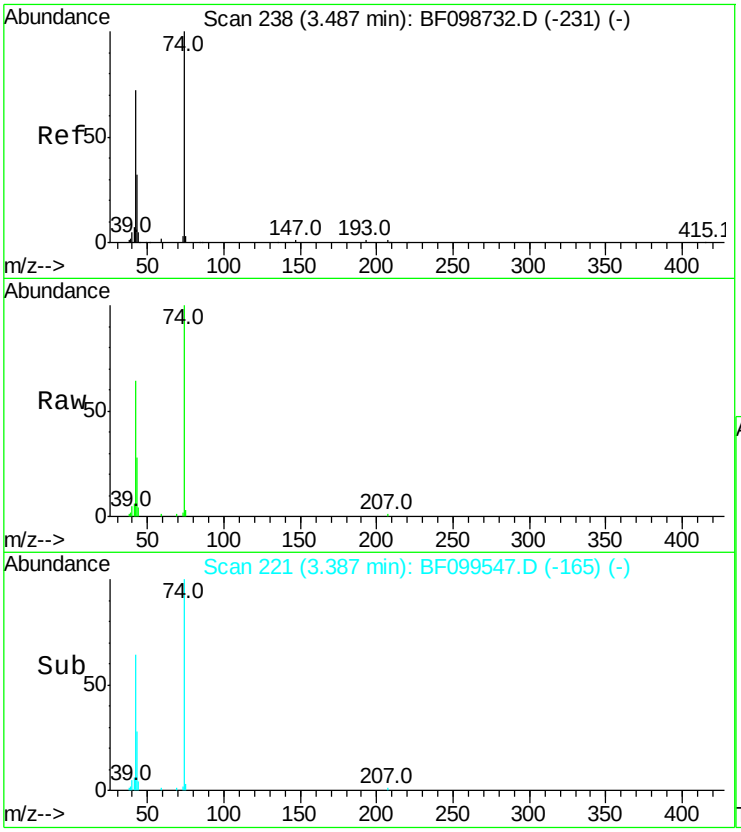


#2
1,4-Dioxane
Concen: 24.430 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.04 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion: 88 Resp: 70411

Ion	Ratio	Lower	Upper
88	100		
58	75.0	62.6	93.8
43	28.7	24.6	37.0



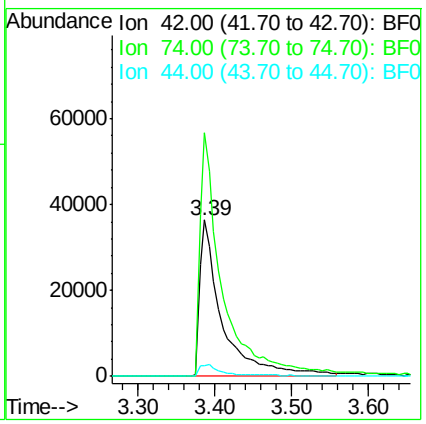


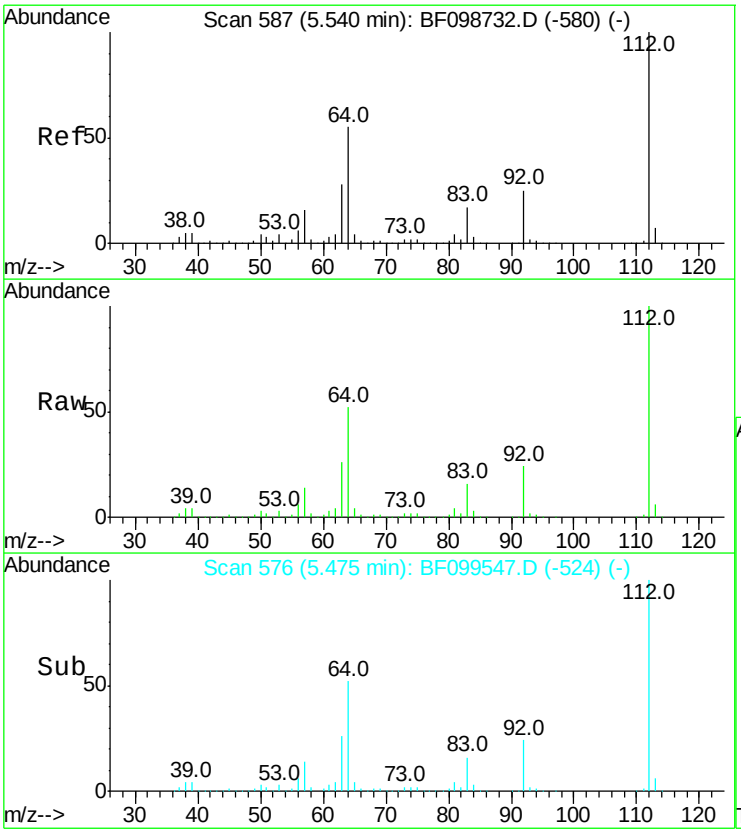
#4
n-Nitrosodimethylamine
Concen: 22.342 ng
RT: 3.39 min Scan# 221
Delta R.T. 0.03 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion: 42 Resp: 73868

Ion	Ratio	Lower	Upper
42	100		
74	155.6	104.9	157.3
44	6.7	6.9	10.3#

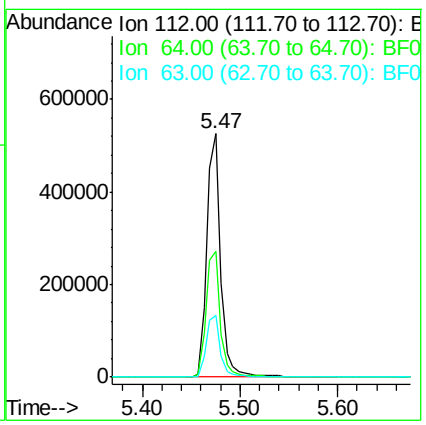


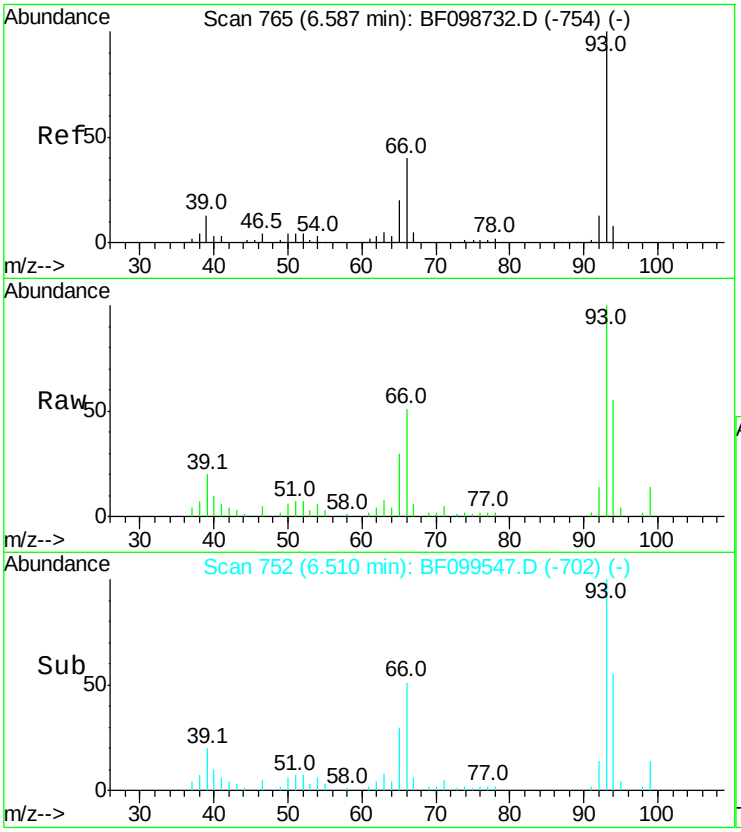


#5
2-Fluorophenol
Concen: 86.109 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion:112 Resp: 519551

Ion	Ratio	Lower	Upper
112	100		
64	51.7	47.9	71.9
63	25.6	23.7	35.5



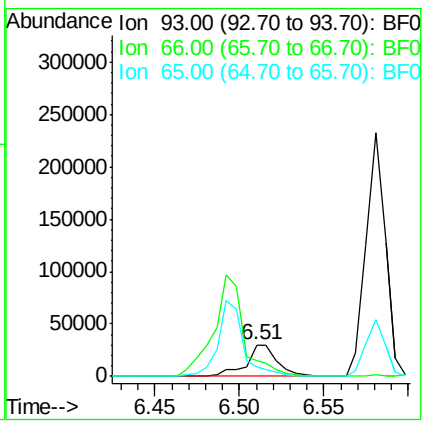


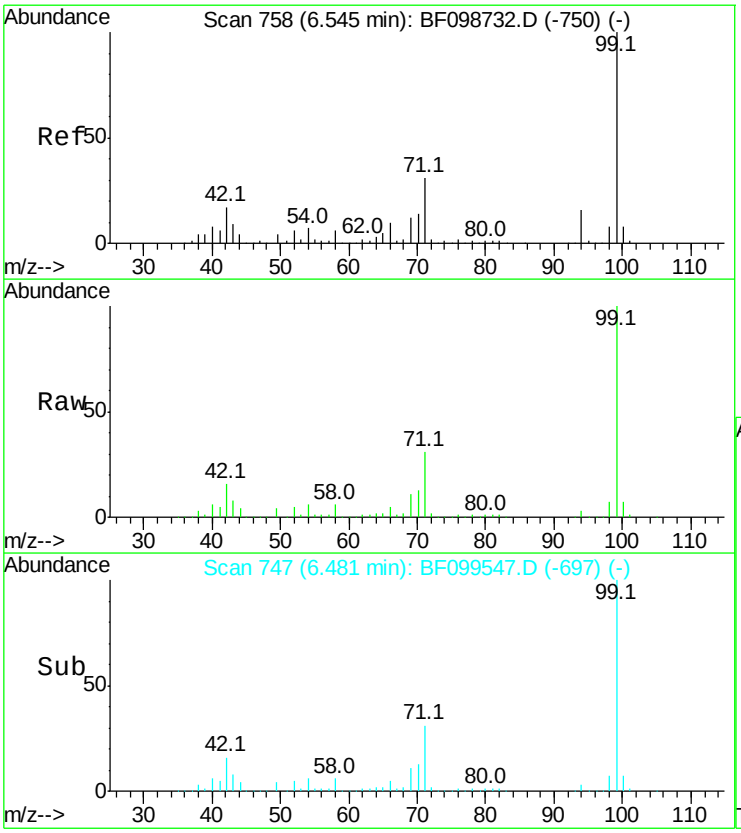
#6
Aniline
Concen: 3.861 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion: 93 Resp: 38785

Ion	Ratio	Lower	Upper
93	100		
66	50.9	32.2	48.2#
65	29.9	16.4	24.6#

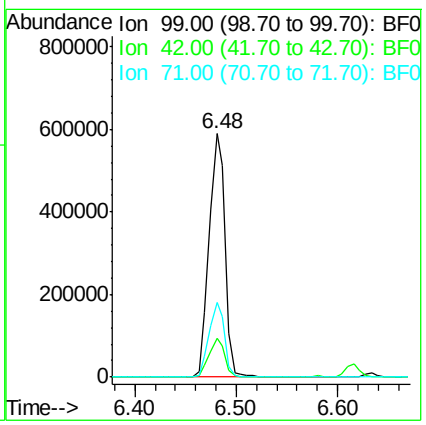


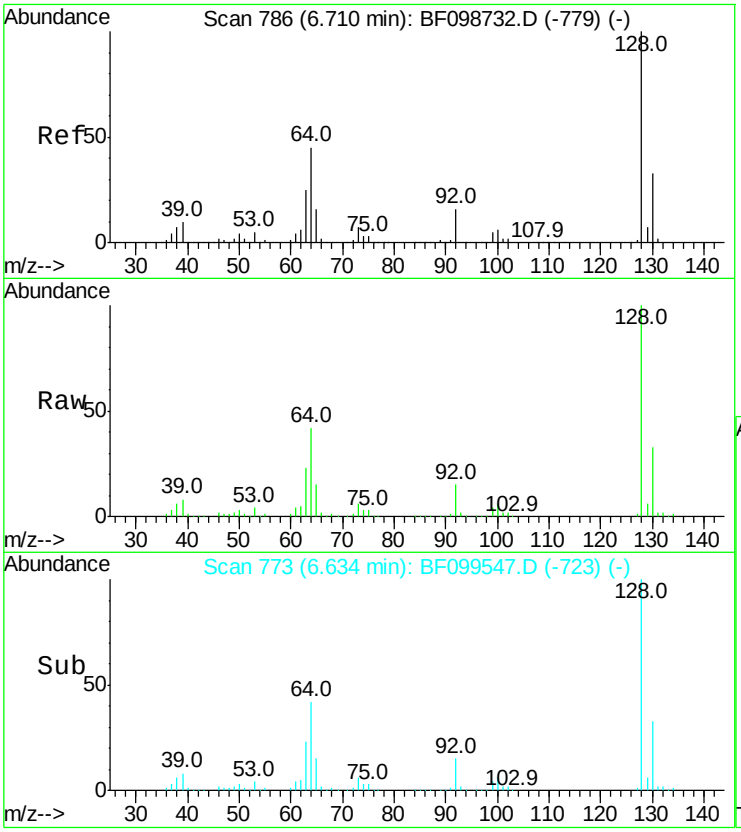


#7
Phenol-d6
Concen: 86.724 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion: 99 Resp: 645506

Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.5	21.7
71	30.8	25.4	38.0



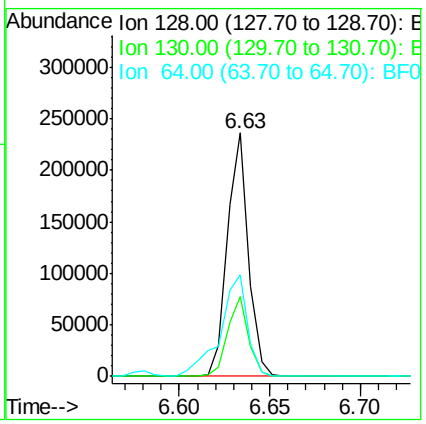


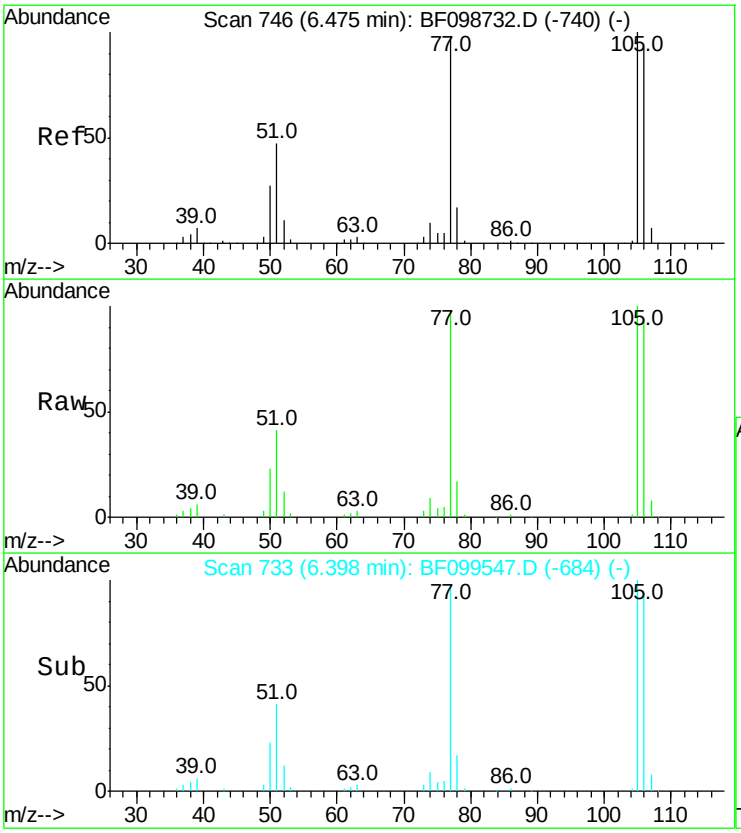
#8
2-Chlorophenol
Concen: 27.961 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:128 Resp: 191052

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.0	53.0
64	41.7	29.4	69.4

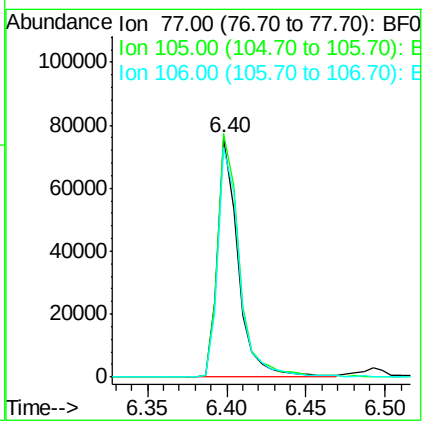


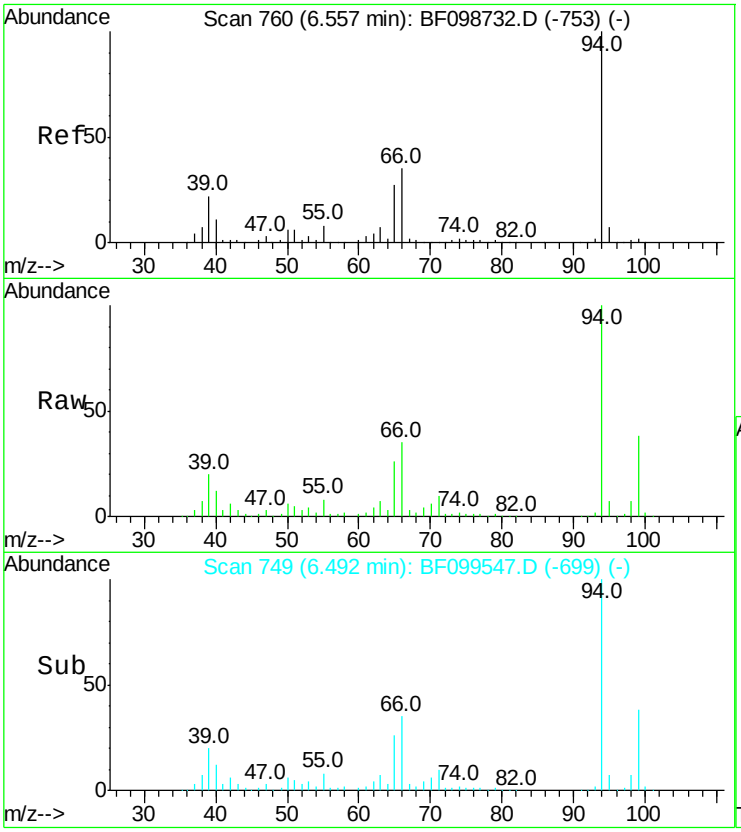


#9
Benzaldehyde
Concen: 15.906 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion: 77 Resp: 68675

Ion	Ratio	Lower	Upper
77	100		
105	102.1	81.1	121.1
106	96.0	74.5	114.5



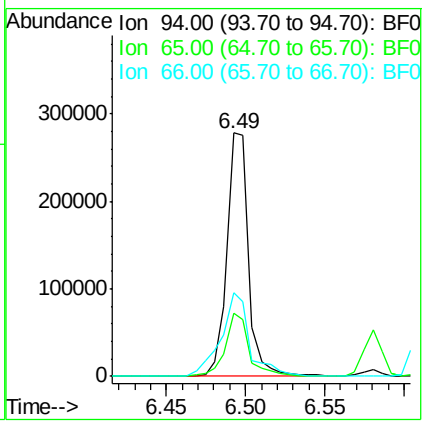


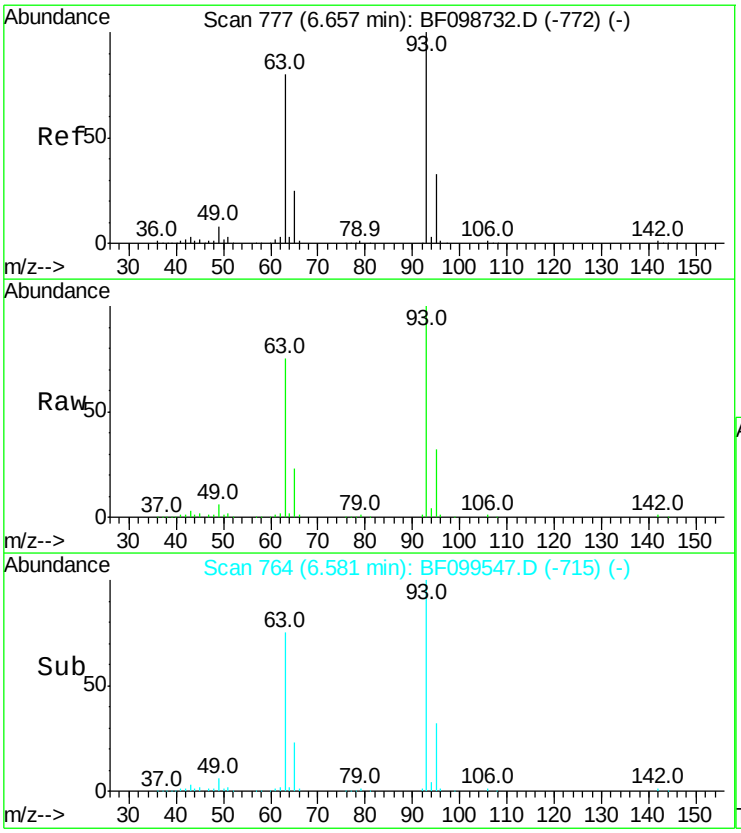
#10
Phenol
Concen: 31.756 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion: 94 Resp: 264346

Ion	Ratio	Lower	Upper
94	100		
65	26.0	7.9	47.9
66	34.6	16.2	56.2

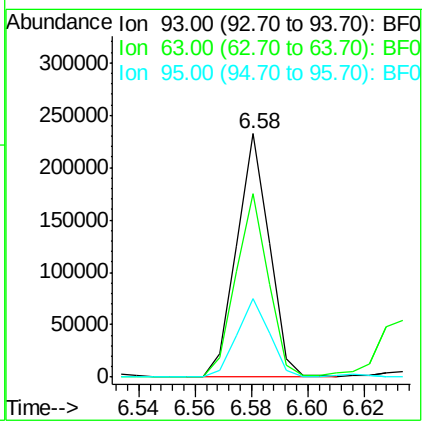


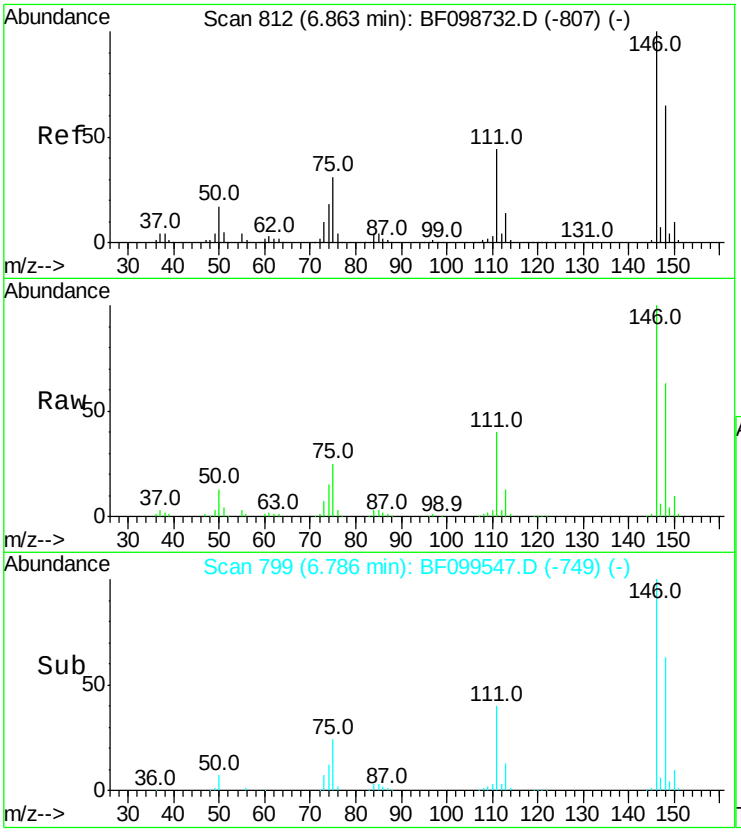


#11
bis(2-Chloroethyl)ether
Concen: 28.591 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion: 93 Resp: 185024

Ion	Ratio	Lower	Upper
93	100		
63	75.4	58.6	98.6
95	32.3	11.8	51.8



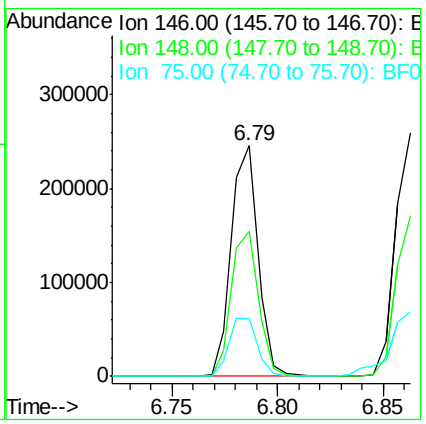


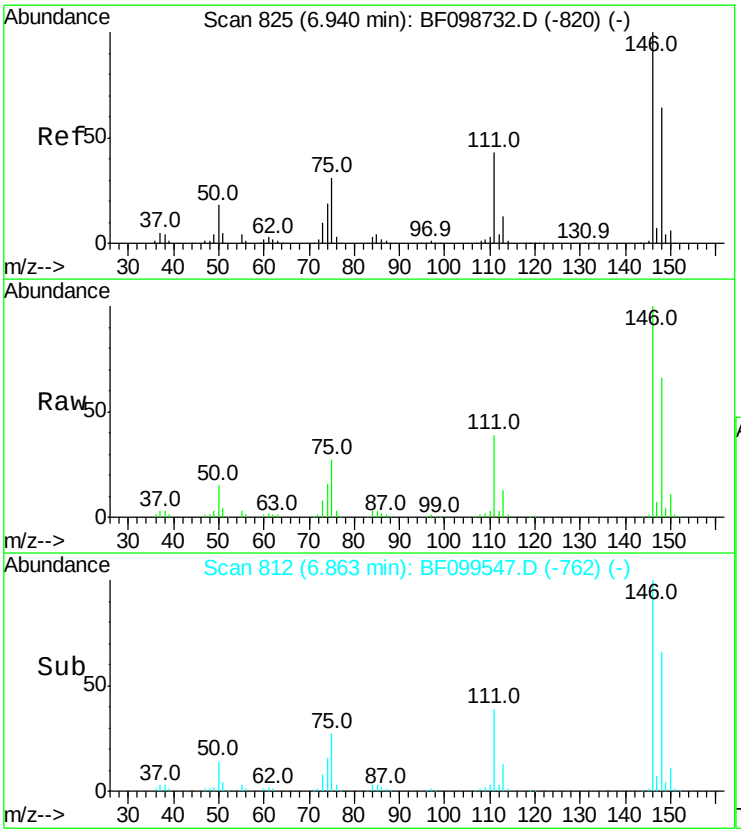
#12
1,3-Dichlorobenzene
Concen: 30.018 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:146 Resp: 214808

Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.8
75	25.1	24.2	36.4

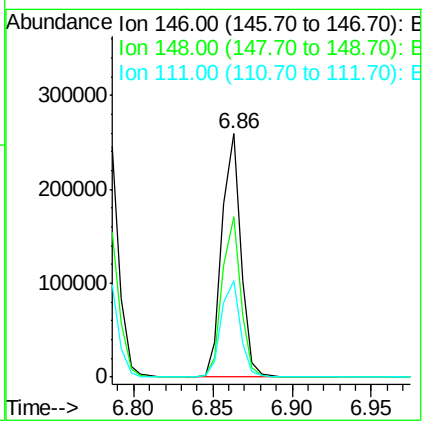


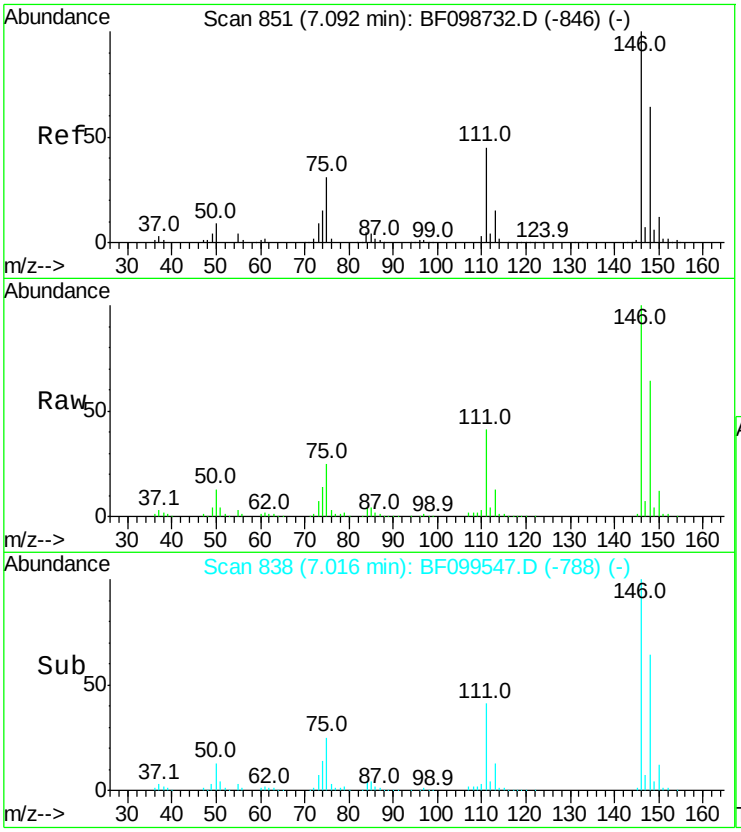


#13
1,4-Dichlorobenzene
Concen: 29.473 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion:146 Resp: 214584

Ion	Ratio	Lower	Upper
146	100		
148	65.9	50.8	76.2
111	39.5	34.2	51.2



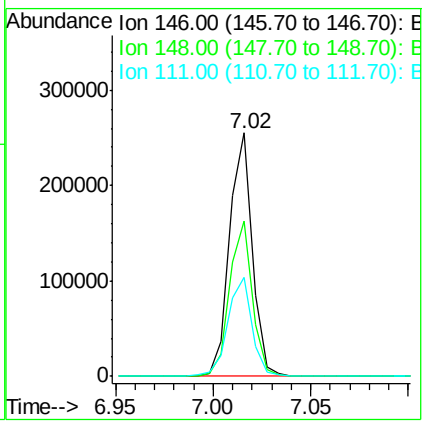


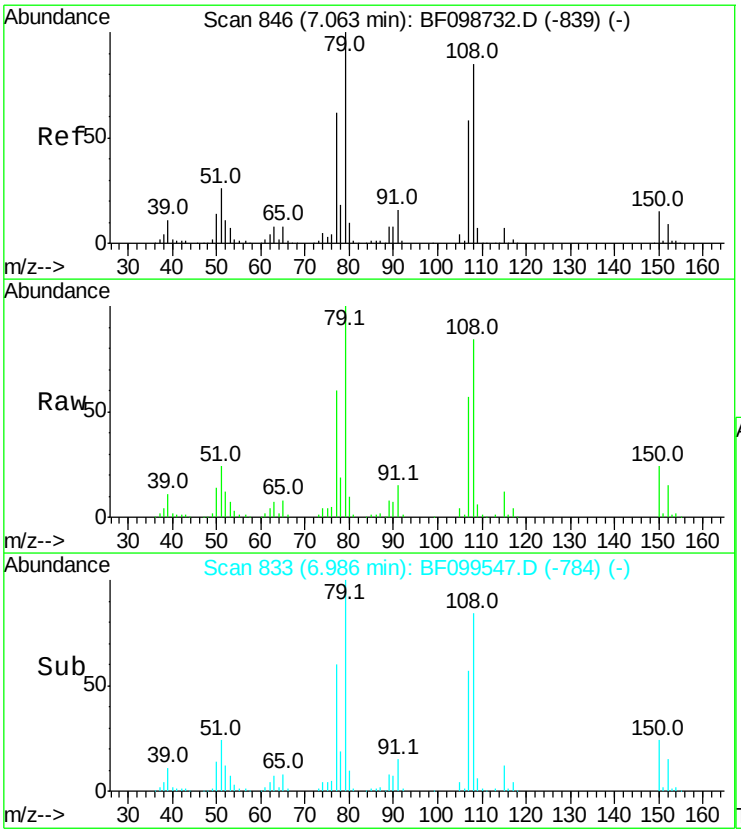
#14
1,2-Dichlorobenzene
Concen: 30.534 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:146 Resp: 205411

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	75.8
111	40.5	36.0	54.0

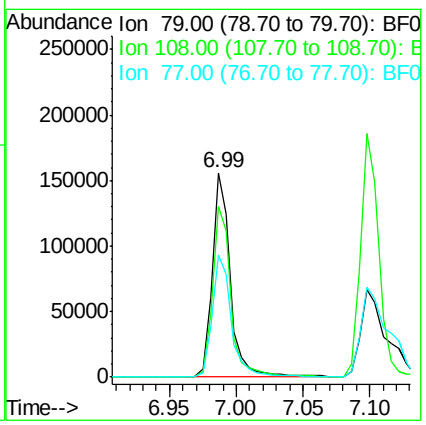


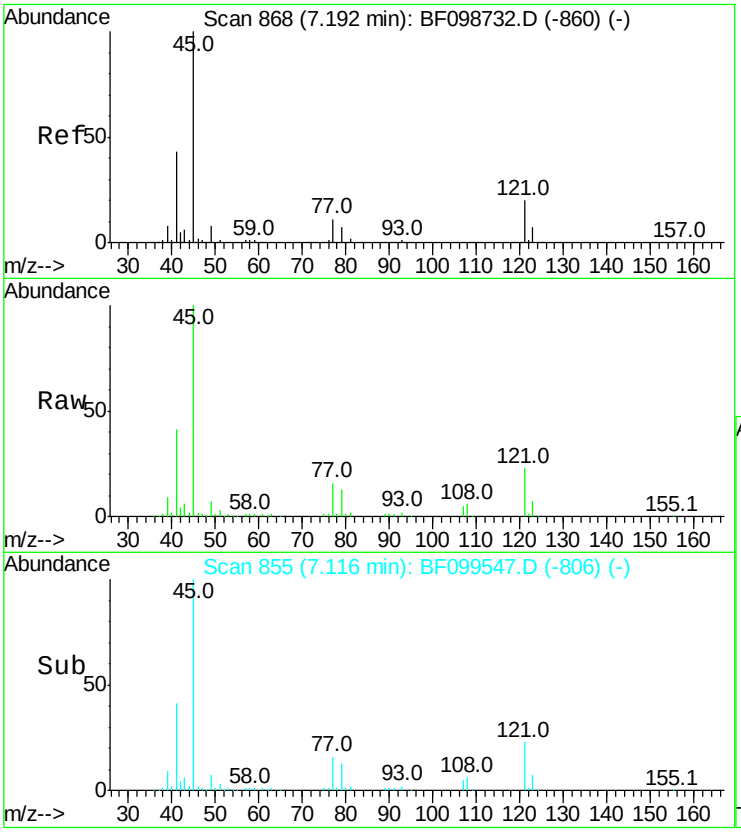


#15
Benzyl Alcohol
Concen: 27.238 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion: 79 Resp: 148728

Ion	Ratio	Lower	Upper
79	100		
108	83.6	65.1	97.7
77	59.9	50.6	75.8



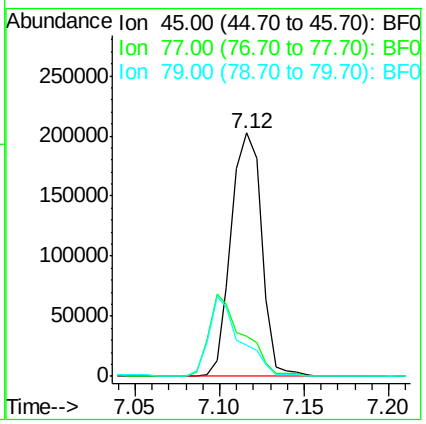


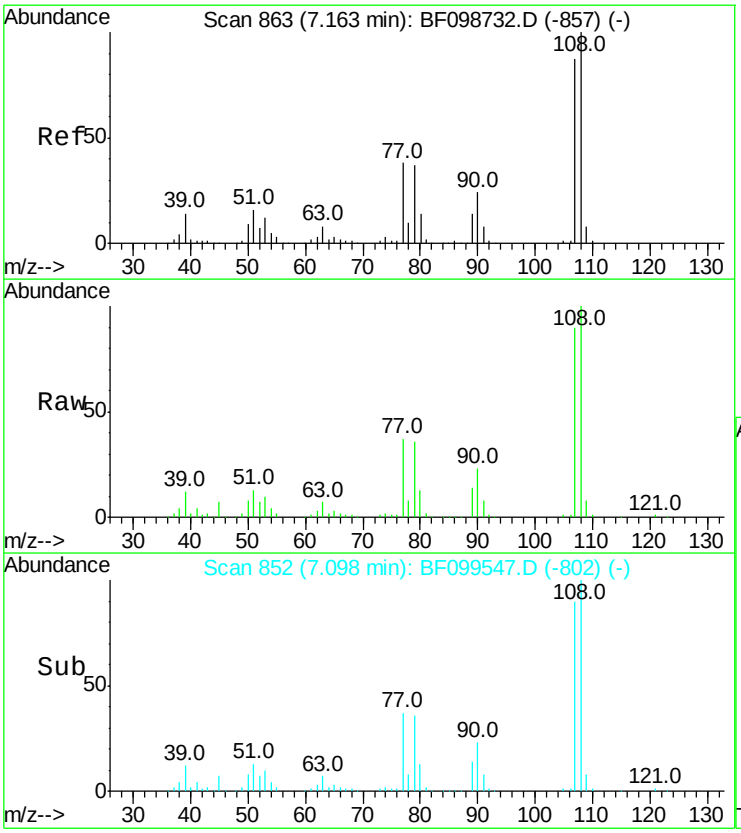
#16
2,2'-oxybis(1-Chloropropane)
Concen: 25.415 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion: 45 Resp: 256249

Ion	Ratio	Lower	Upper
45	100		
77	16.5	0.0	32.9
79	12.7	0.0	29.6

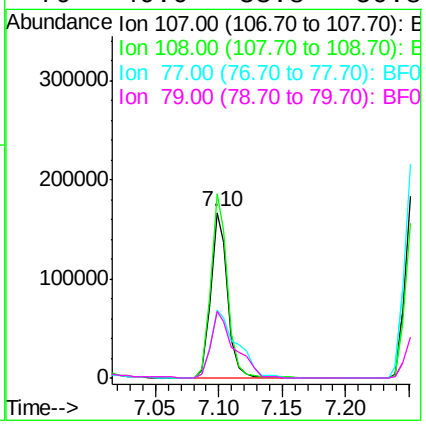


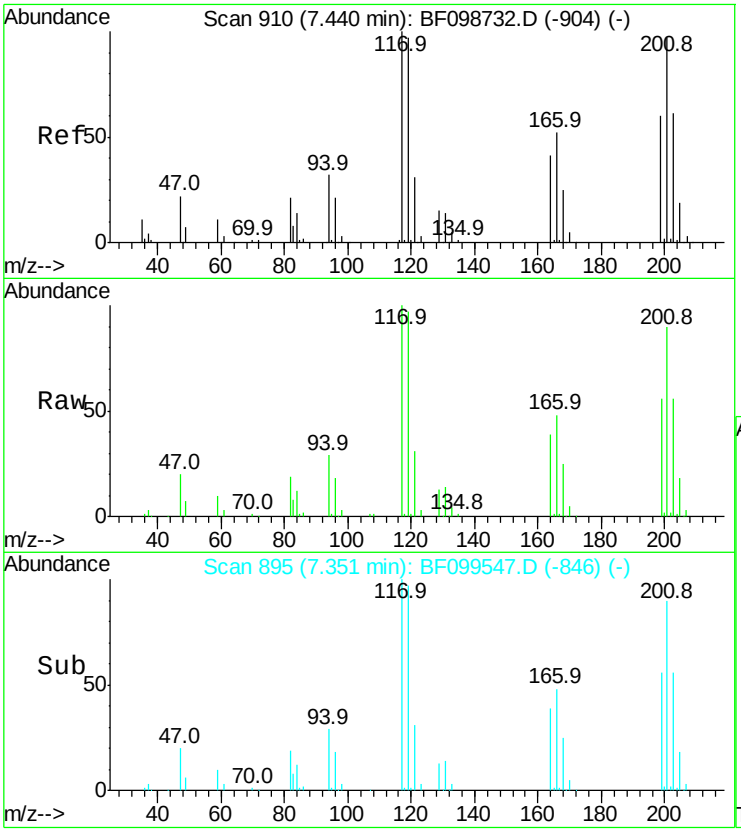


#17
2-Methylphenol
Concen: 28.043 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion:107 Resp: 156785

Ion	Ratio	Lower	Upper
107	100		
108	111.5	91.7	137.5
77	41.1	33.8	50.8
79	40.0	33.8	50.8



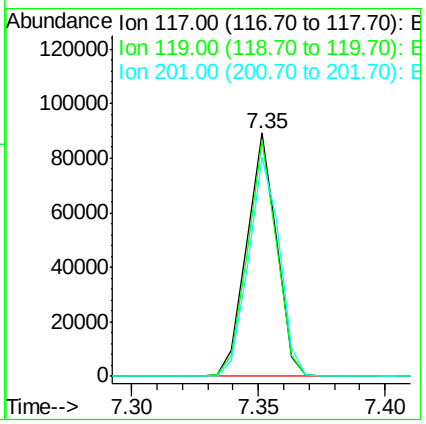


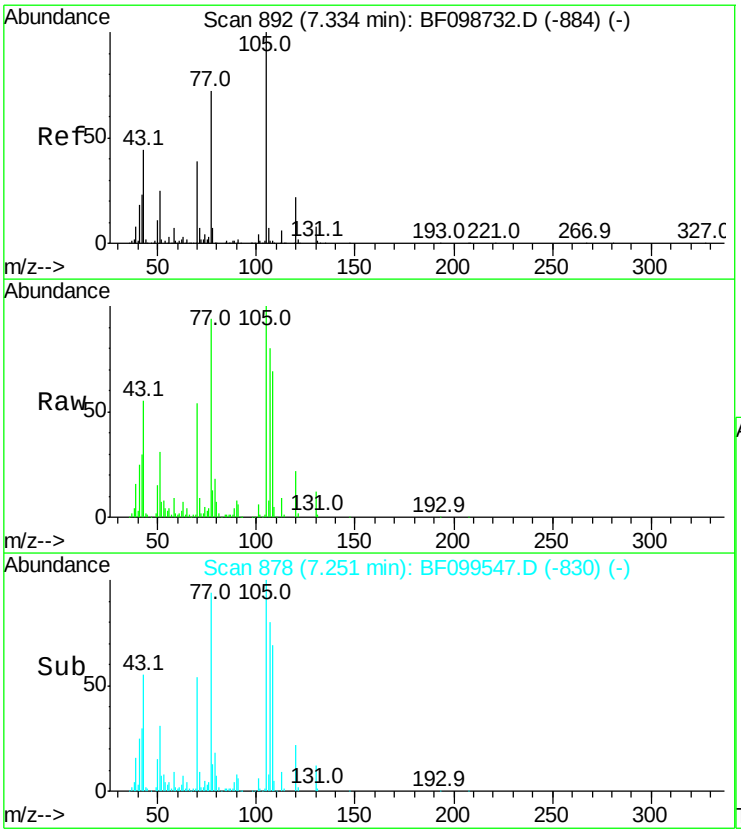
#18
Hexachloroethane
Concen: 27.979 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:117 Resp: 73221

Ion	Ratio	Lower	Upper
117	100		
119	97.0	75.8	113.8
201	90.3	75.7	113.5

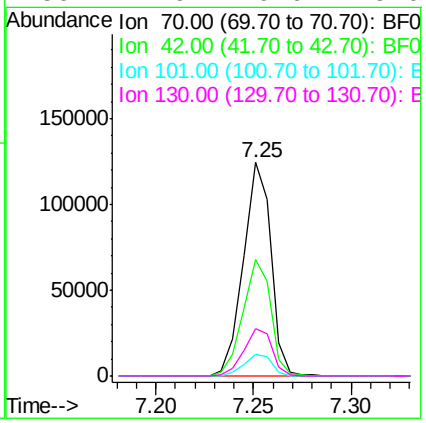


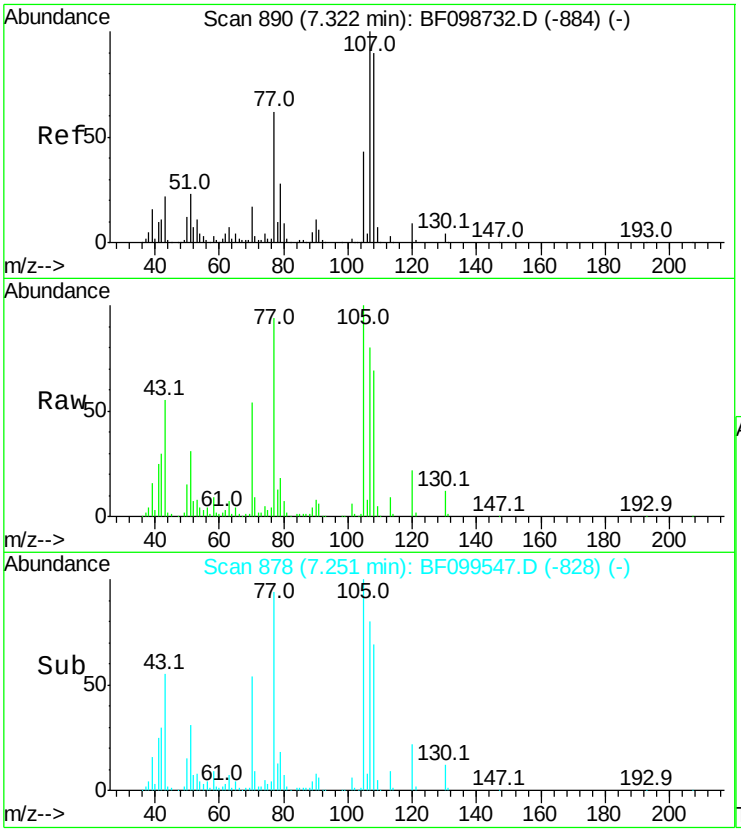


#19
n-Nitroso-di-n-propylamine
Concen: 25.724 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion: 70 Resp: 122244

Ion	Ratio	Lower	Upper
70	100		
42	54.8	47.5	71.3
101	10.5	7.4	11.2
130	21.9	16.6	25.0



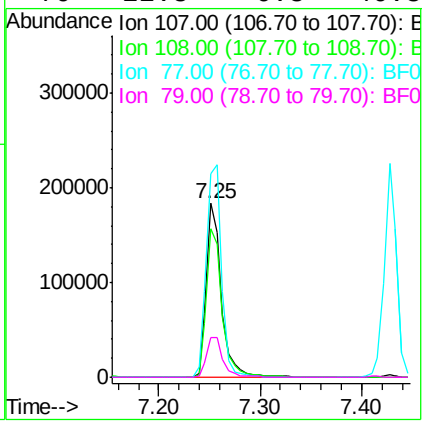


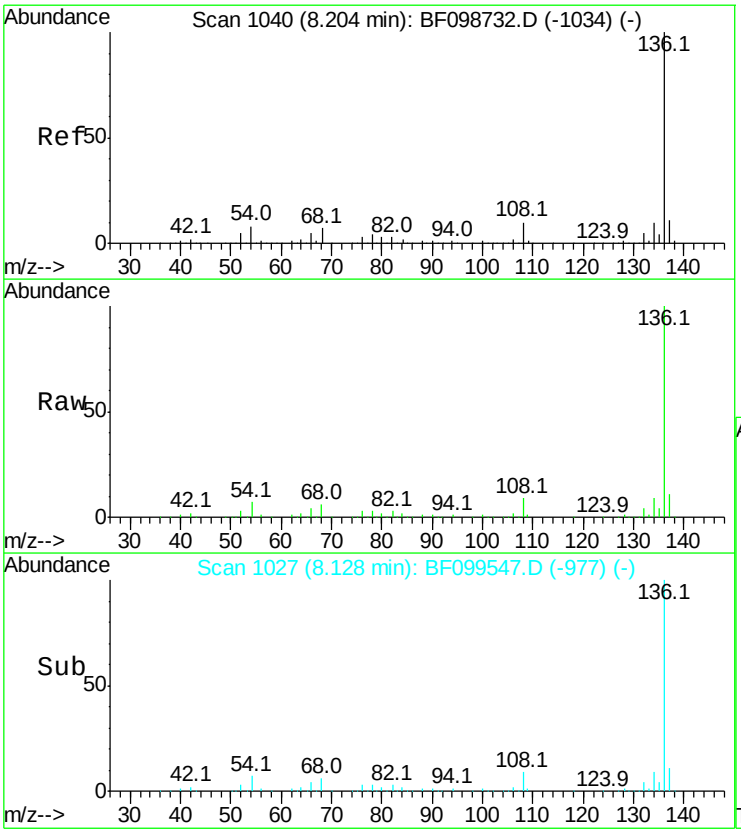
#20
3+4-Methylphenols
Concen: 26.924 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:107 Resp: 190431

Ion	Ratio	Lower	Upper
107	100		
108	85.2	68.2	108.2
77	117.2	26.7	66.7#
79	22.8	6.3	46.3

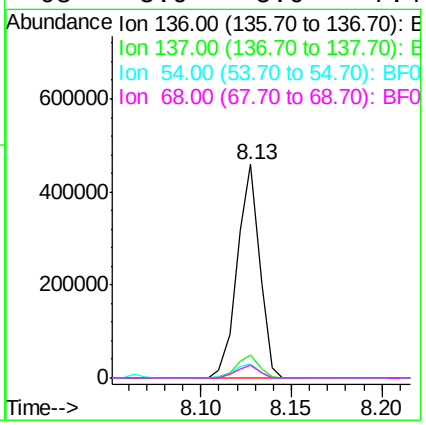


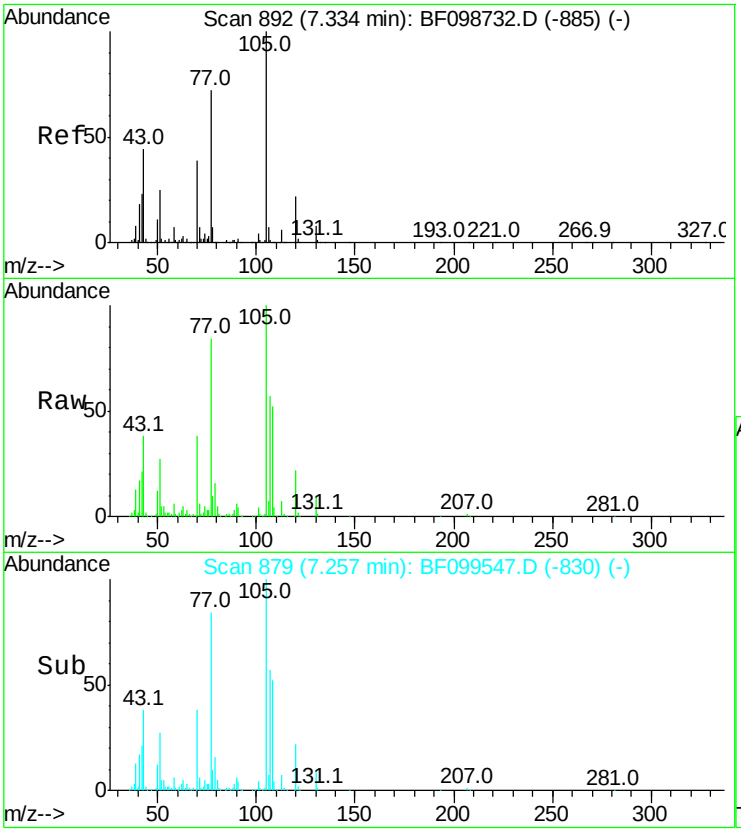


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion:136 Resp: 393057

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.9	6.6	9.8
68	5.9	5.0	7.4



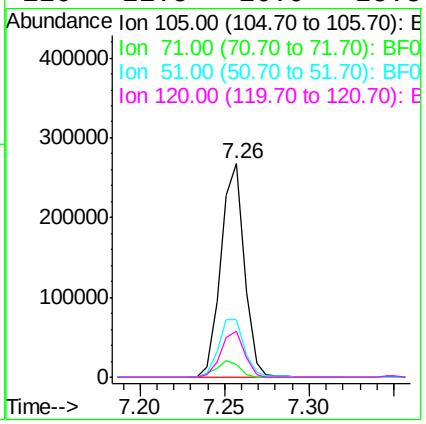


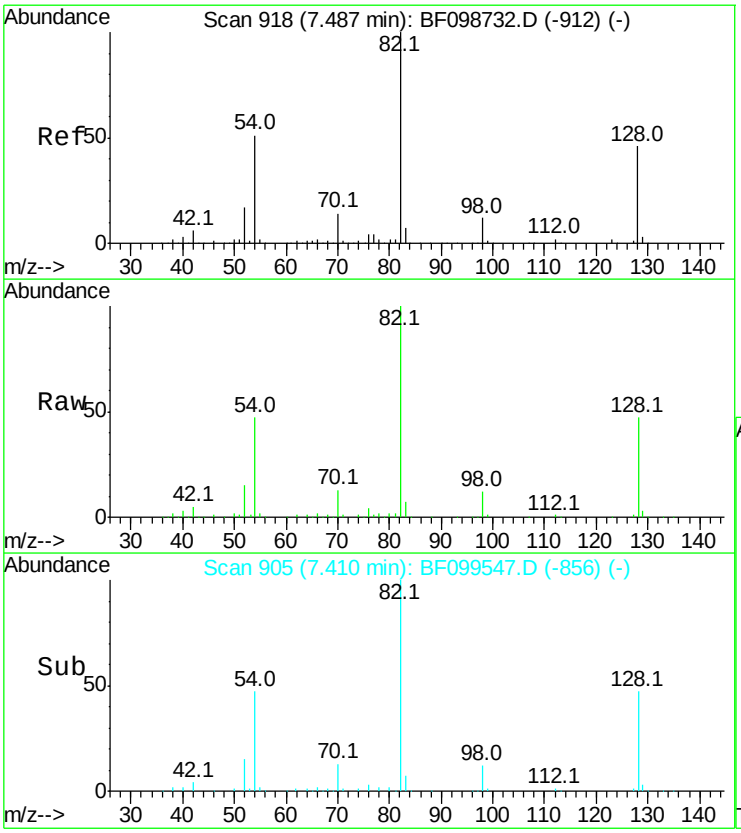
#22
Acetophenone
Concen: 27.225 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:105 Resp: 259265

Ion	Ratio	Lower	Upper
105	100		
71	6.3	4.4	6.6
51	27.0	22.3	33.5
120	21.5	16.9	25.3

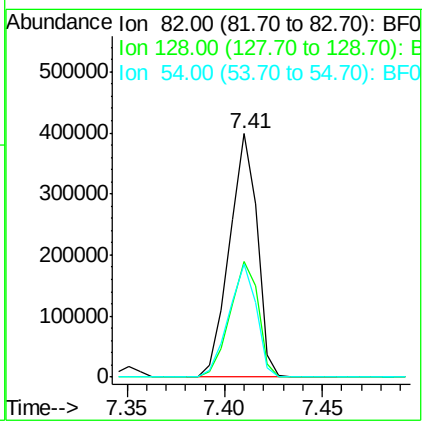


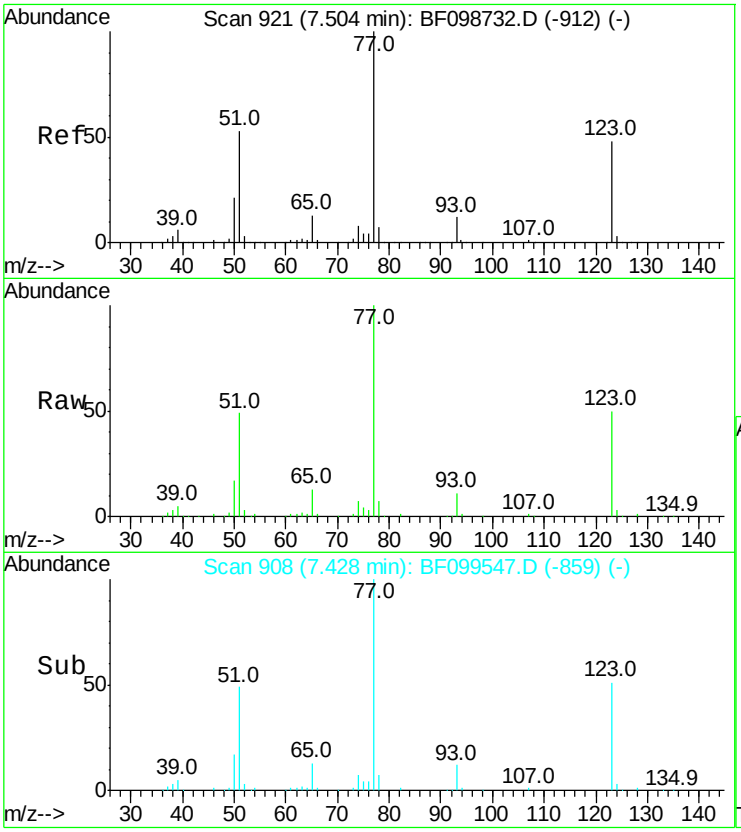


#23
Nitrobenzene-d5
Concen: 64.116 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion: 82 Resp: 392971

Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.1	54.1
54	46.7	41.4	62.2



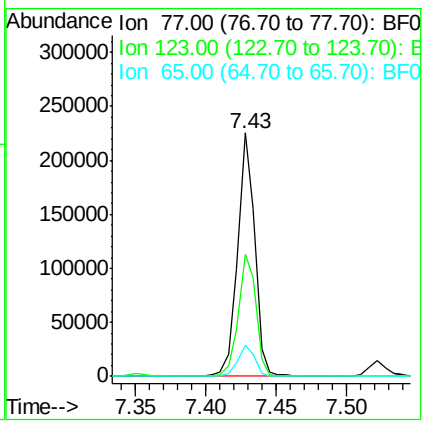


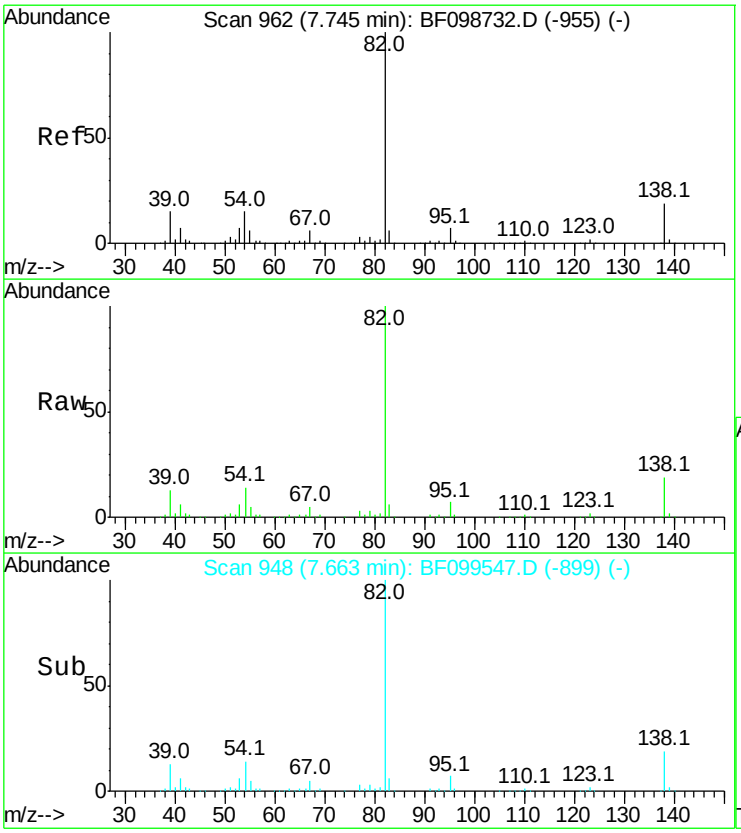
#24
Nitrobenzene
Concen: 27.543 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion: 77 Resp: 191495

Ion	Ratio	Lower	Upper
77	100		
123	50.2	37.9	56.9
65	12.8	11.0	16.4

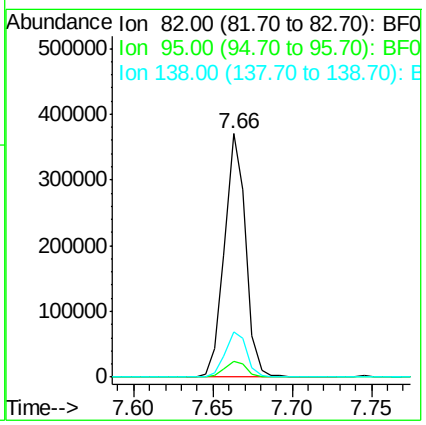


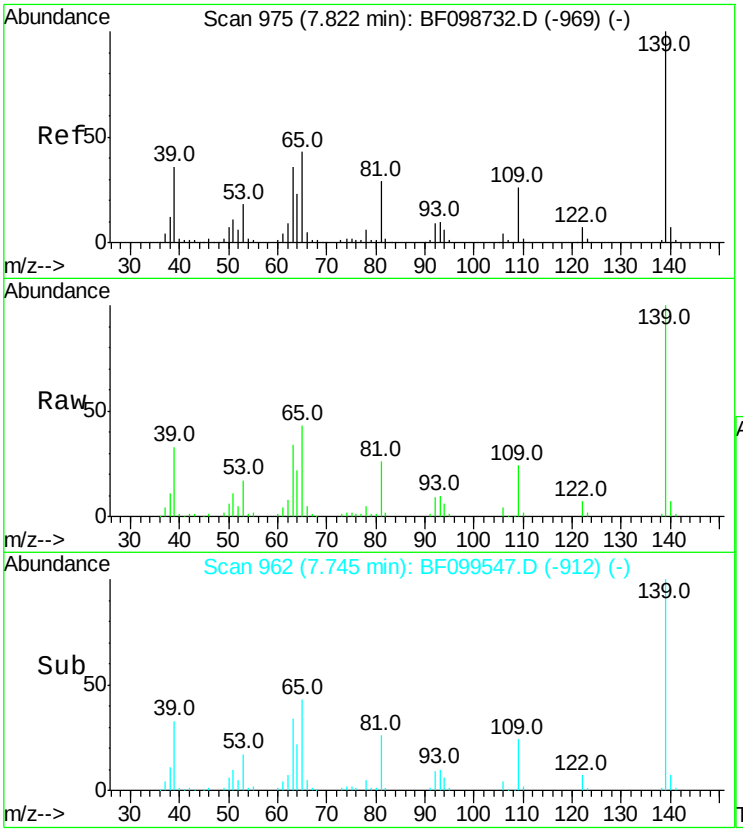


#25
Isophorone
Concen: 27.096 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion: 82 Resp: 343361

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.2	7.8
138	18.8	14.9	22.3



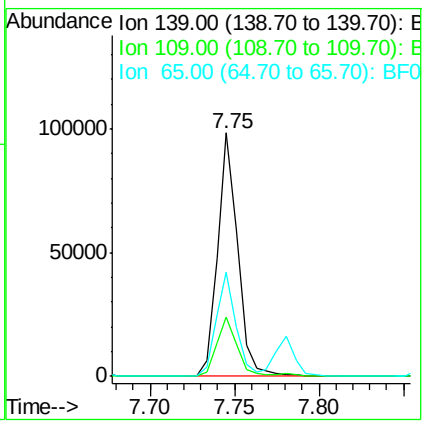


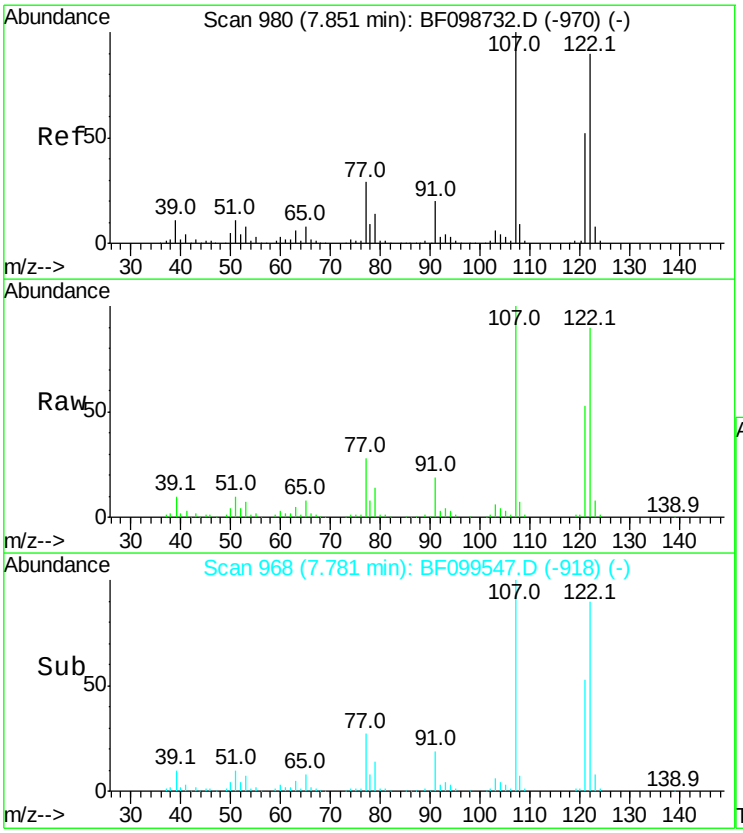
#26
2-Nitrophenol
Concen: 24.588 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:139 Resp: 82205

Ion	Ratio	Lower	Upper
139	100		
109	24.3	22.7	34.1
65	42.6	40.5	60.7

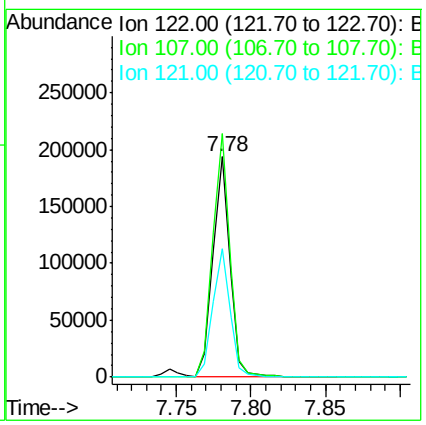


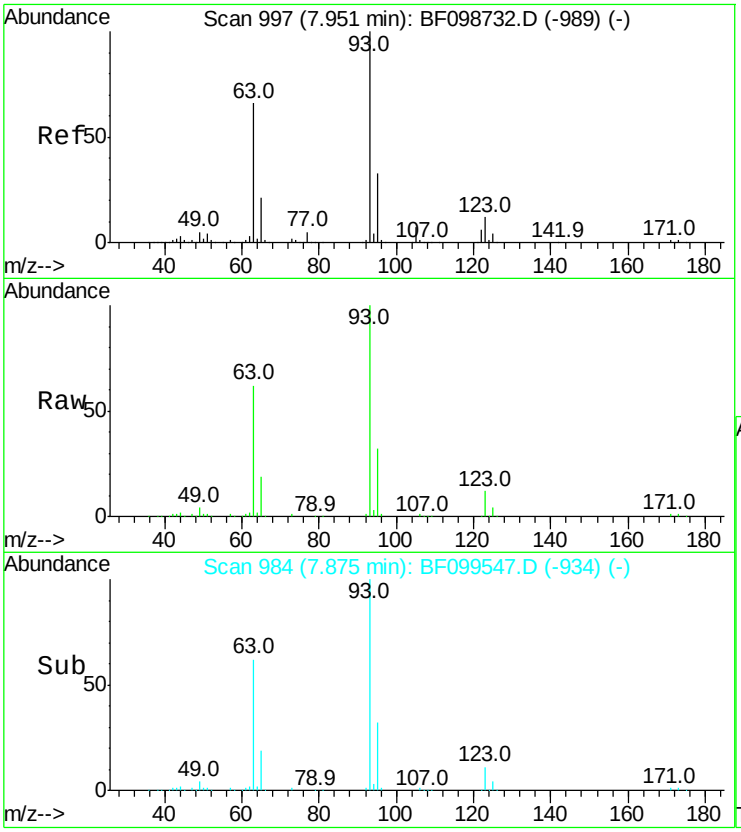


#27
2,4-Dimethylphenol
Concen: 24.542 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion:122 Resp: 154958

Ion	Ratio	Lower	Upper
122	100		
107	110.5	91.2	136.8
121	58.5	47.2	70.8



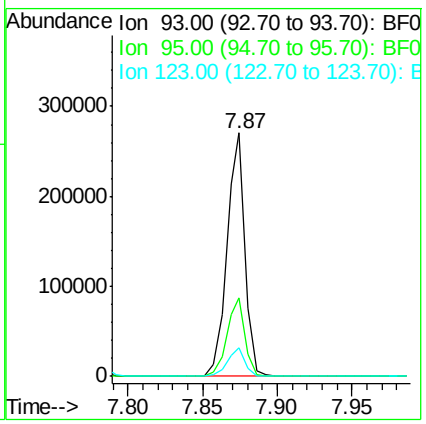


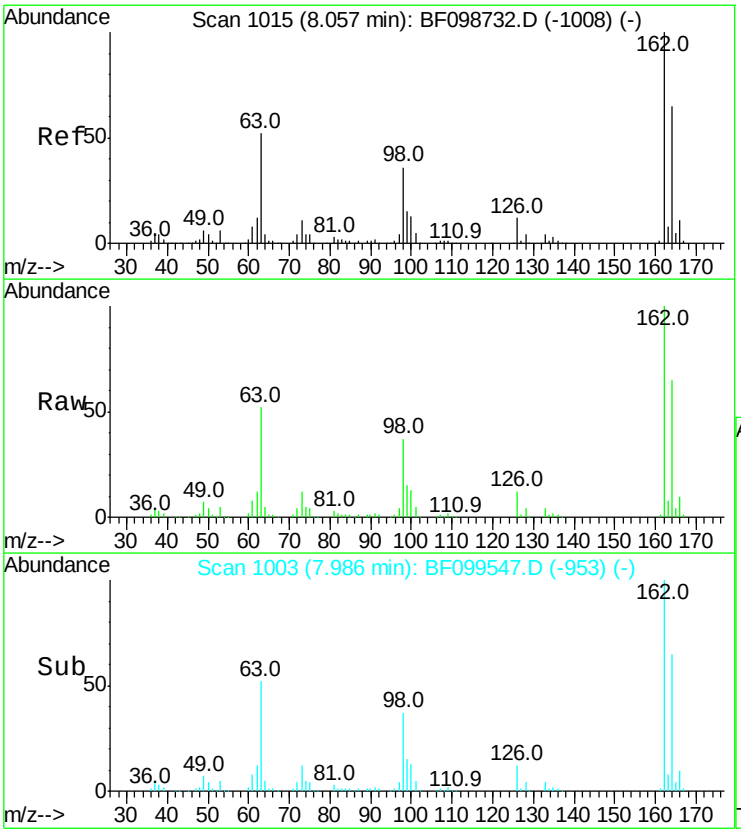
#28
bis(2-Chloroethoxy)methane
Concen: 29.271 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion: 93 Resp: 231148

Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.3	39.5
123	11.6	9.8	14.6

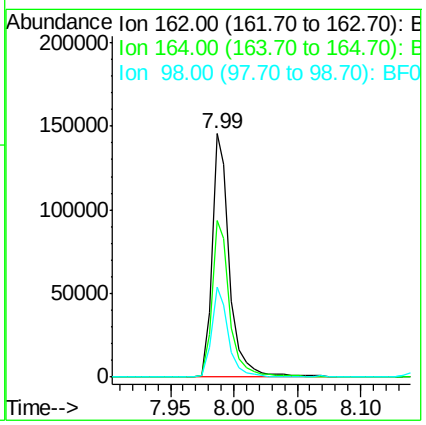


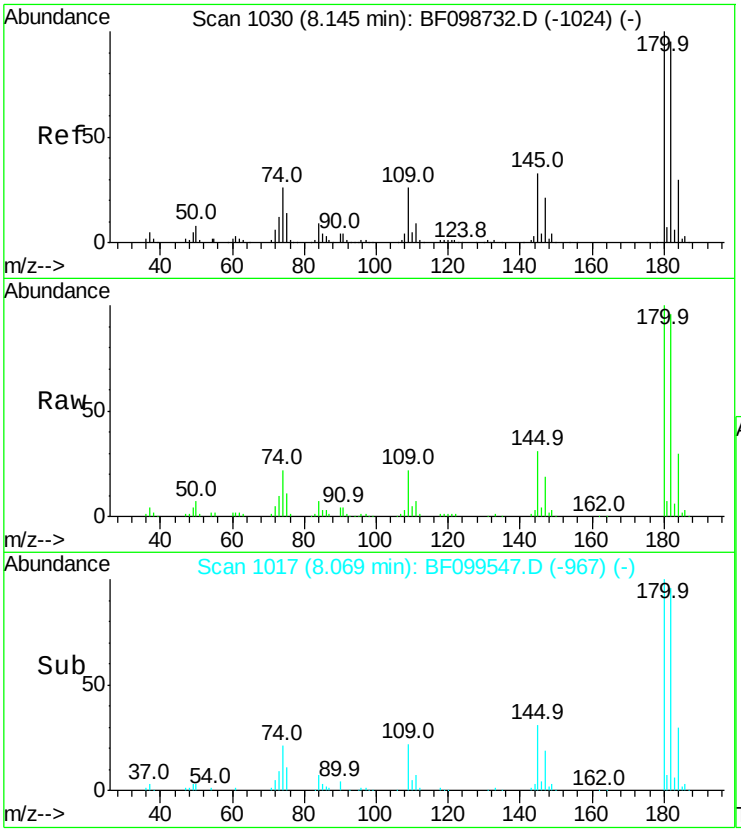


#29
2,4-Dichlorophenol
Concen: 26.172 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion:162 Resp: 141876

Ion	Ratio	Lower	Upper
162	100		
164	64.5	42.7	82.7
98	36.8	18.1	58.1



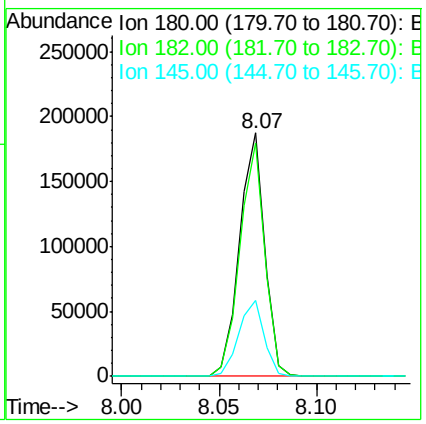


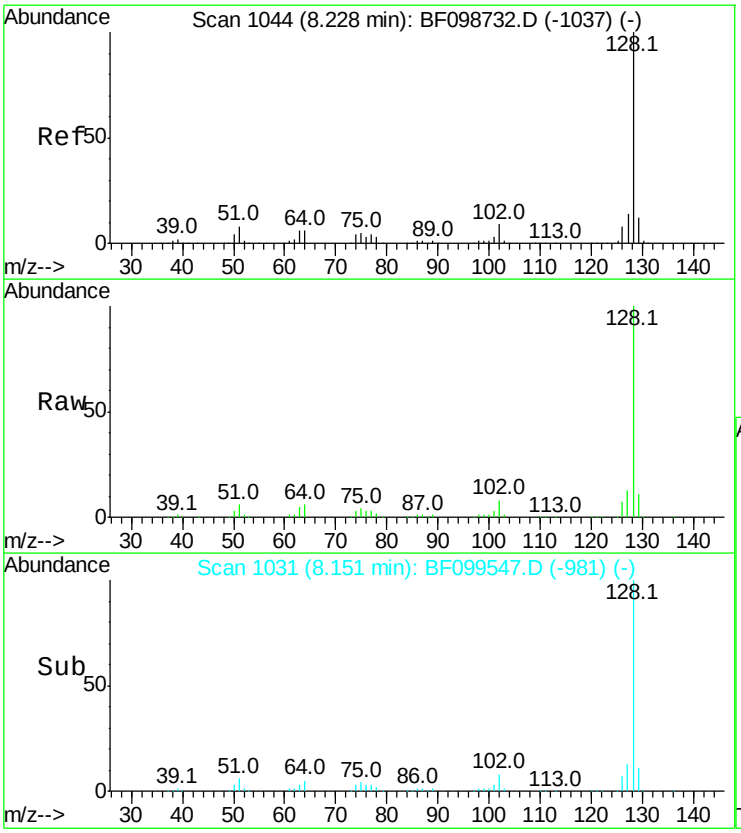
#30
1,2,4-Trichlorobenzene
Concen: 30.757 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:180 Resp: 166763

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.8	115.2
145	31.0	26.5	39.7

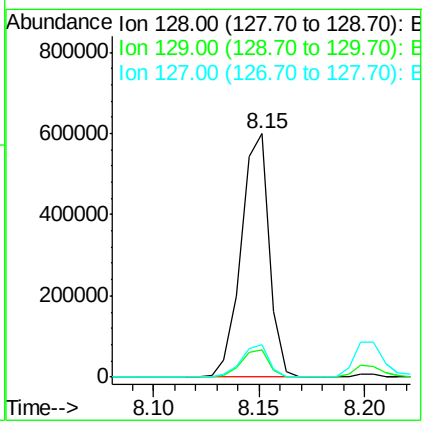


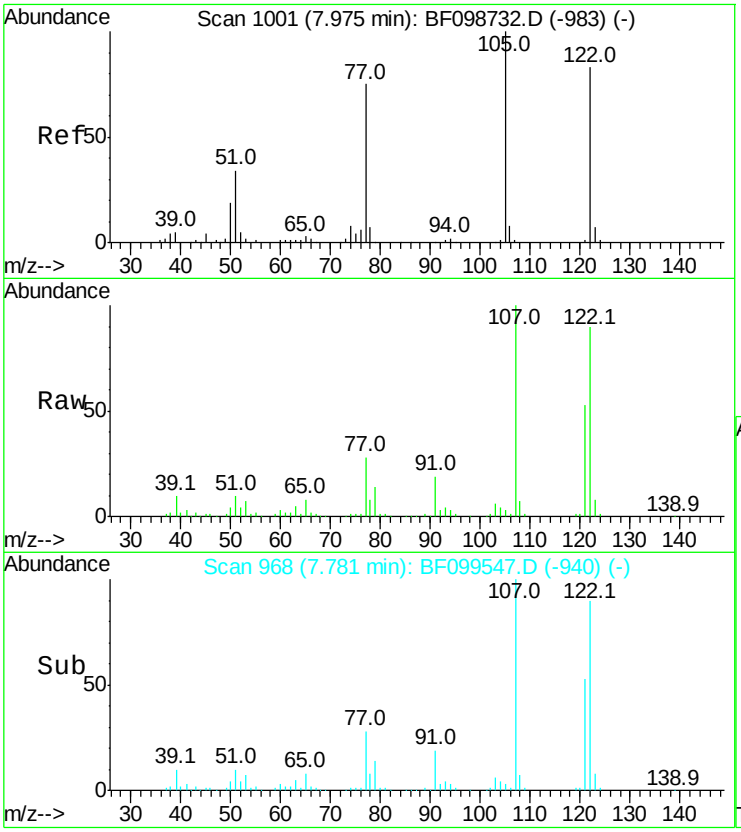


#31
Naphthalene
Concen: 30.035 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion:128 Resp: 554465

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.4	10.9	16.3



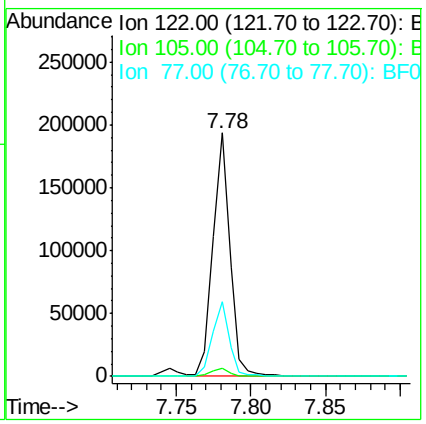


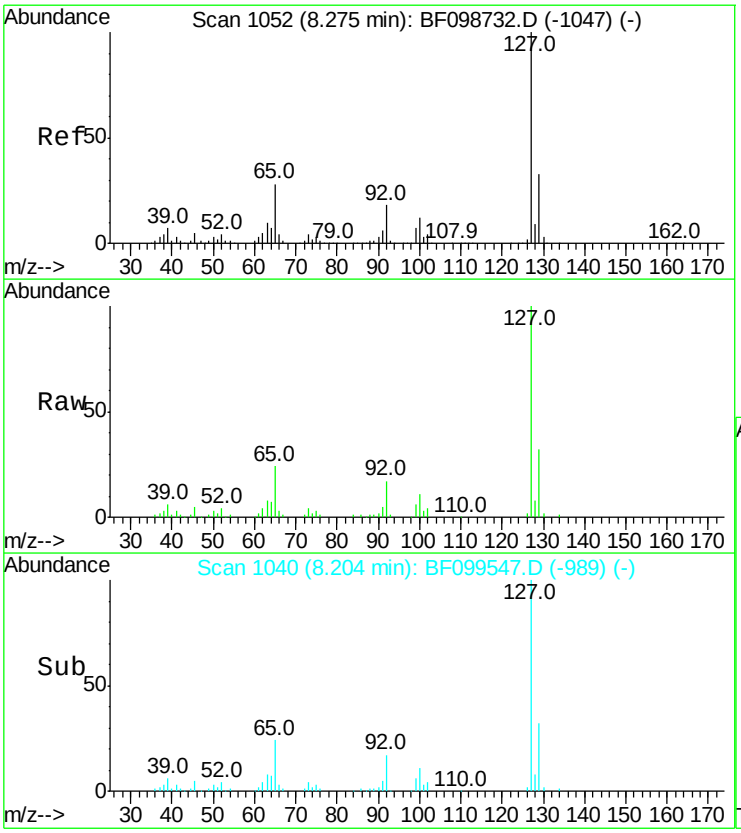
#32
Benzoic acid
Concen: 29.877 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.14 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:122 Resp: 154958

Ion	Ratio	Lower	Upper
122	100		
105	3.5	101.1	141.1#
77	30.4	70.7	110.7#

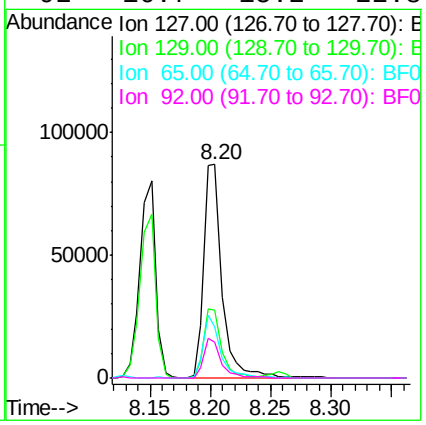


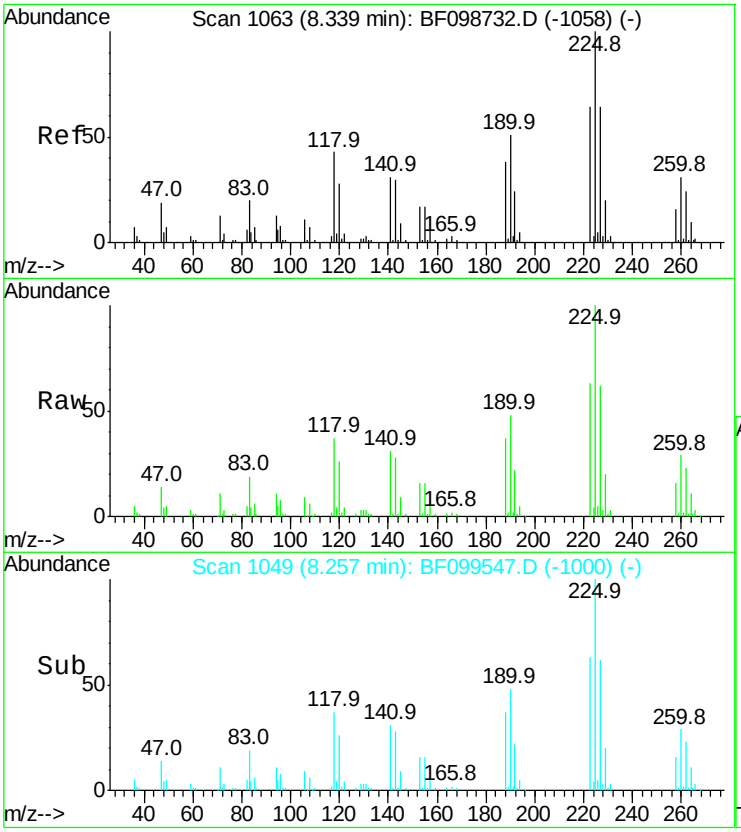


#33
4-Chloroaniline
Concen: 12.008 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion:127 Resp: 92571

Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.9	38.9
65	23.8	25.0	37.4#
92	16.7	15.2	22.8



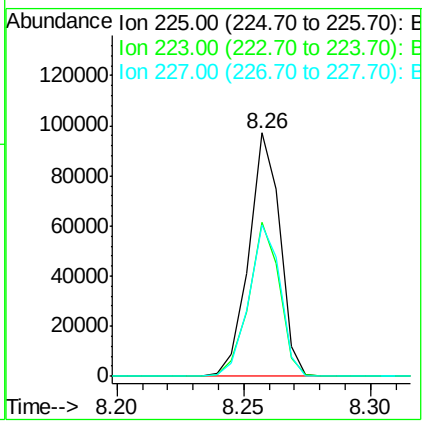


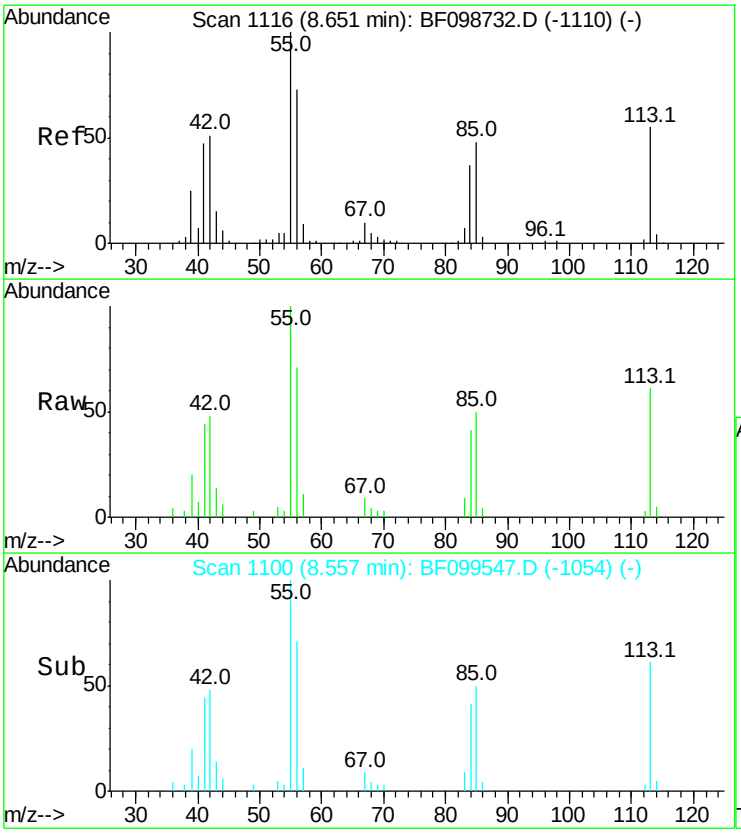
#34
Hexachlorobutadiene
Concen: 29.742 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:225 Resp: 83058

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	62.2	51.9	77.9

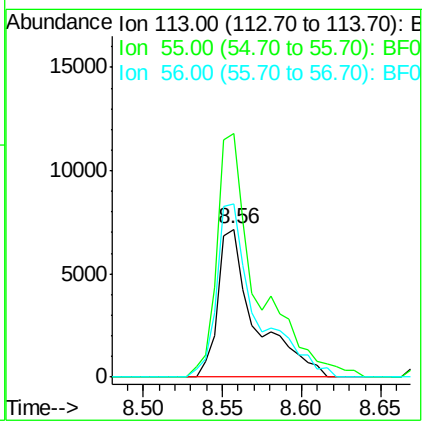


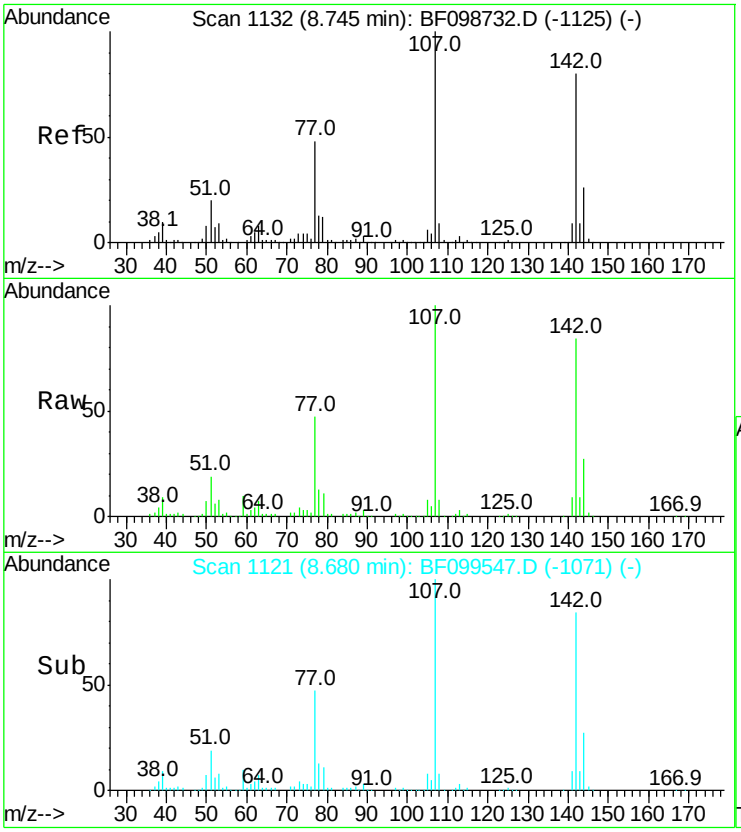


#35
Caprolactam
Concen: 6.794 ng
RT: 8.56 min Scan# 1100
Delta R.T. -0.03 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion:113 Resp: 11814

Ion	Ratio	Lower	Upper
113	100		
55	164.2	163.3	203.3
56	116.7	115.7	155.7



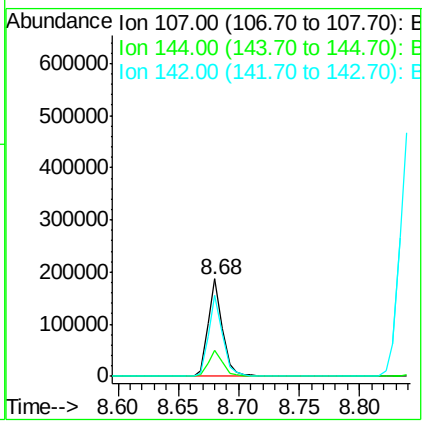


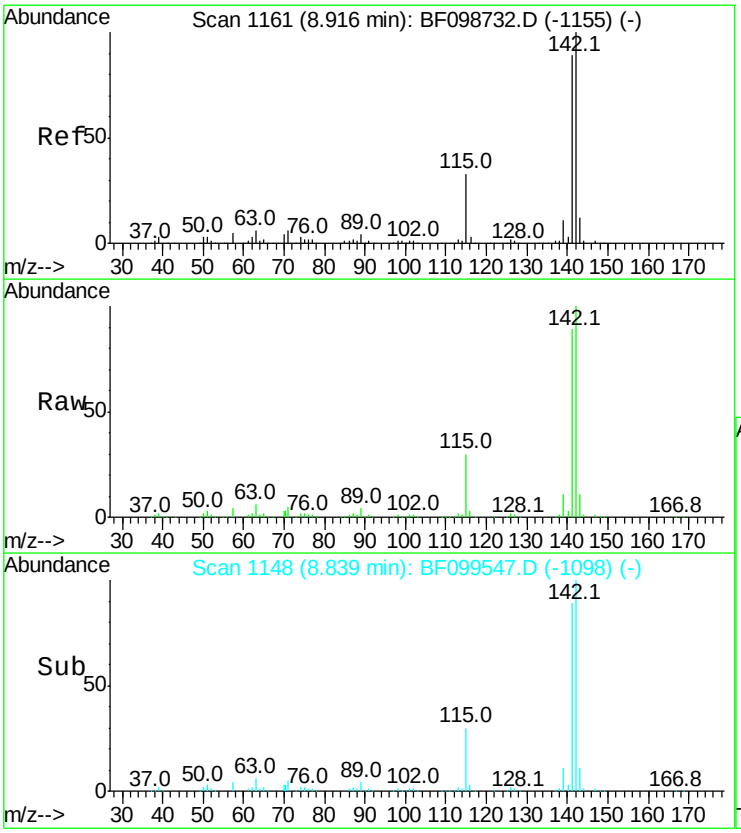
#36
4-Chloro-3-methylphenol
Concen: 25.139 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:107 Resp: 153179

Ion	Ratio	Lower	Upper
107	100		
144	26.8	20.5	30.7
142	83.9	62.0	93.0

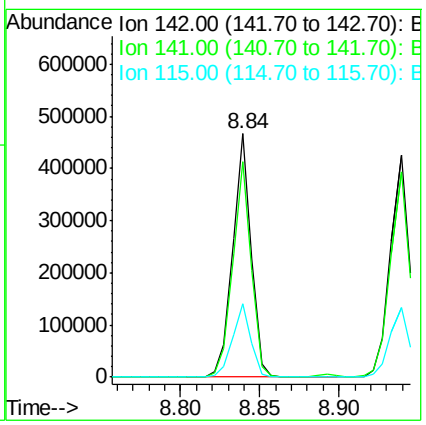


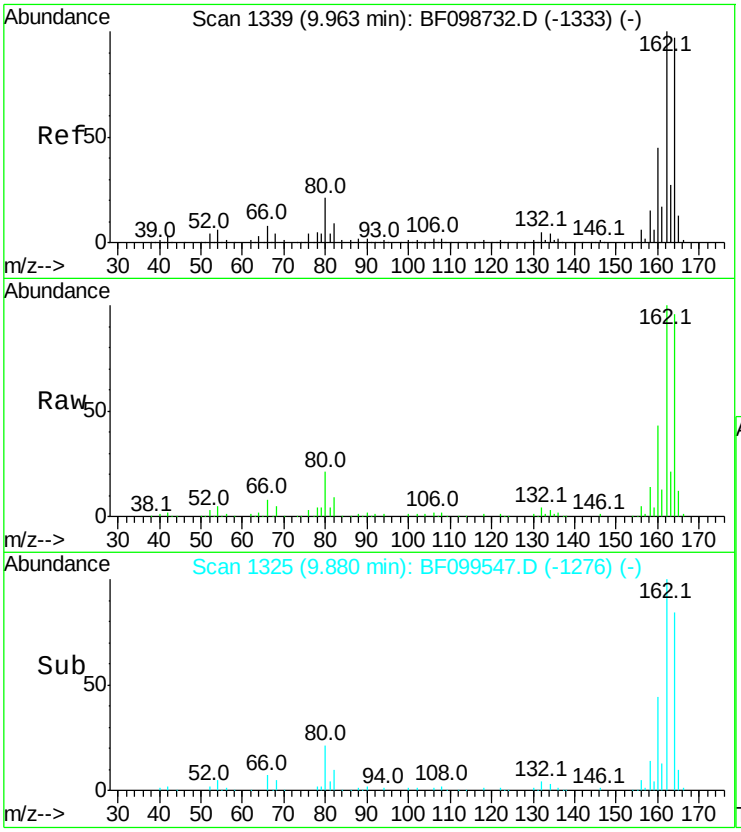


#37
2-Methylnaphthalene
Concen: 31.230 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion:142 Resp: 374790

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	30.0	26.1	39.1



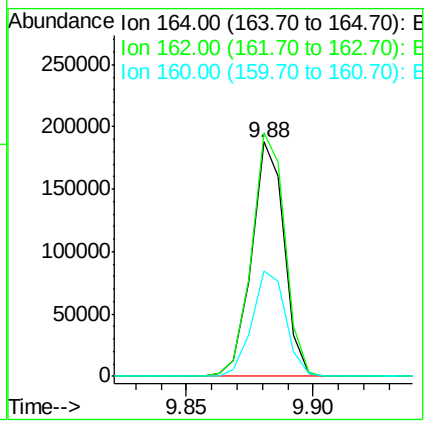


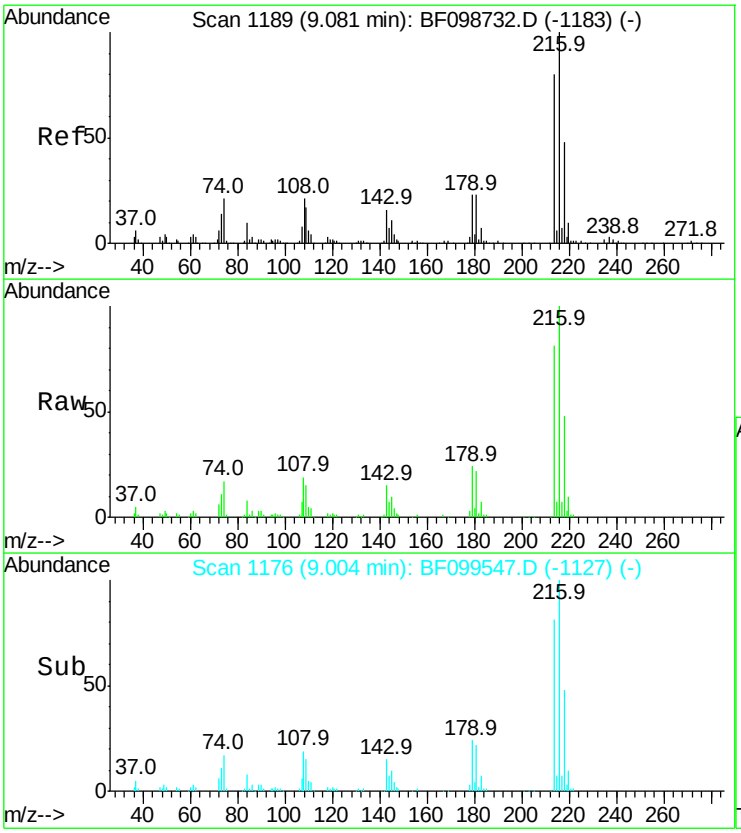
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:164 Resp: 167106

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	45.1	38.3	57.5

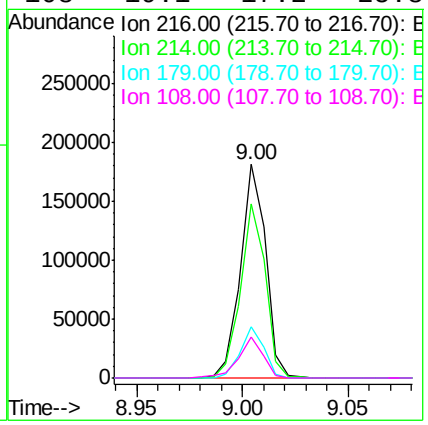


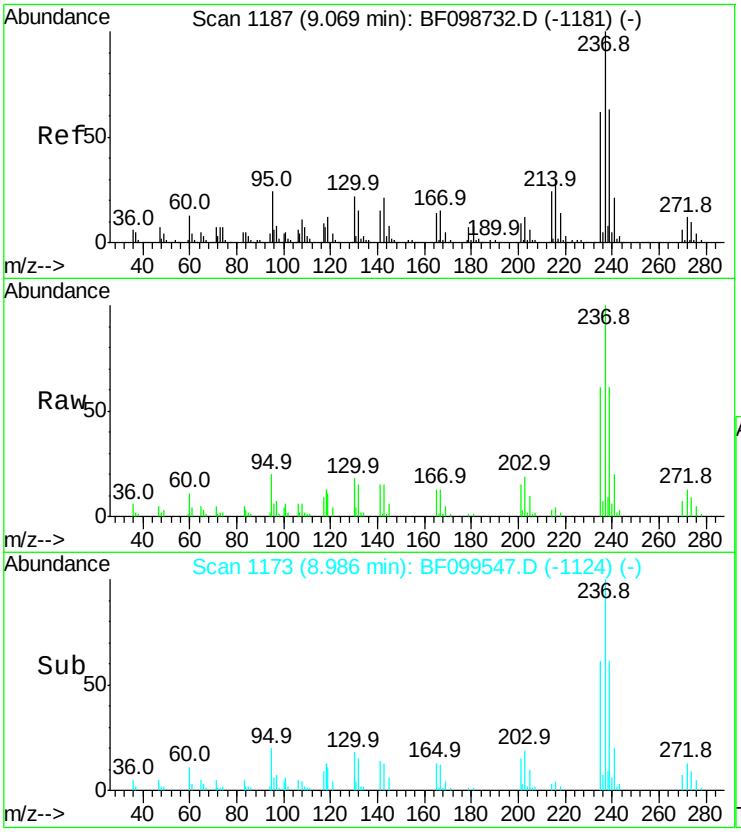


#39
1,2,4,5-Tetrachlorobenzene
Concen: 29.972 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion:216 Resp: 149367

Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.0	94.4
179	22.6	18.1	27.1
108	19.1	17.2	25.8



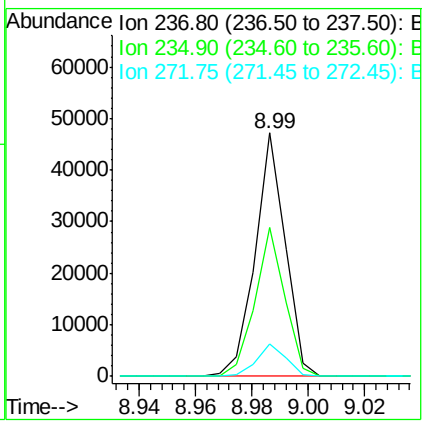


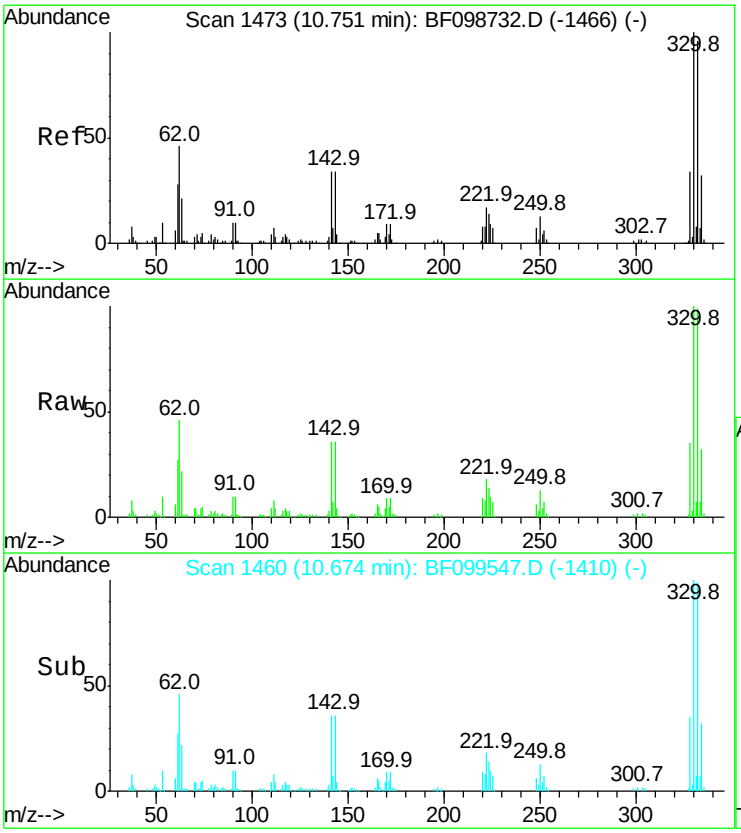
#40
Hexachlorocyclopentadiene
Concen: 15.316 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:237 Resp: 34882

Ion	Ratio	Lower	Upper
237	100		
235	61.3	44.8	84.8
272	13.2	0.0	33.3

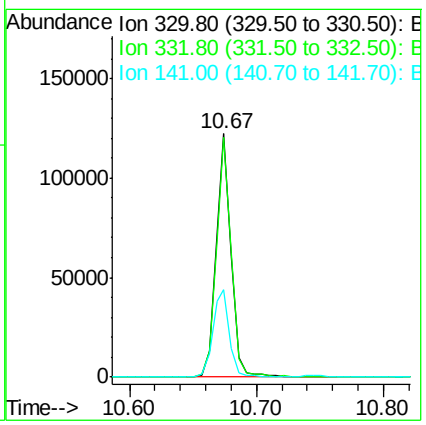


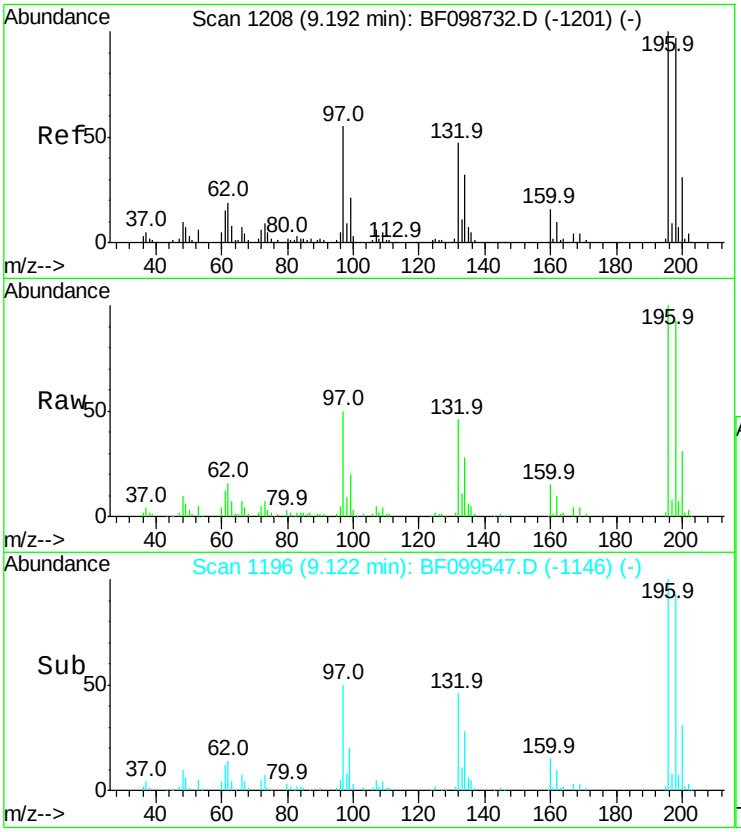


#41
2,4,6-Tribromophenol
Concen: 74.742 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion:330 Resp: 102201

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	39.4	29.9	44.9



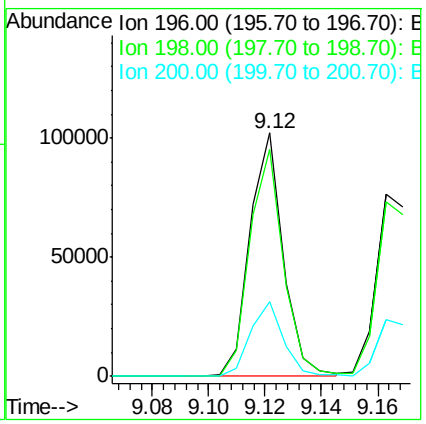


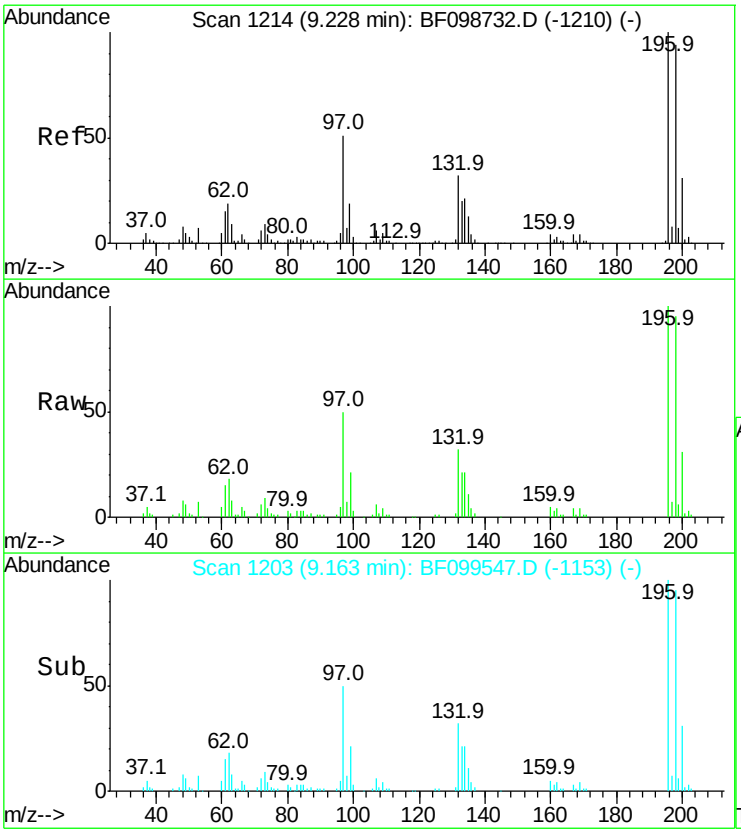
#42
2,4,6-Trichlorophenol
Concen: 23.617 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:196 Resp: 83381

Ion	Ratio	Lower	Upper
196	100		
198	93.5	75.7	113.5
200	30.6	24.5	36.7

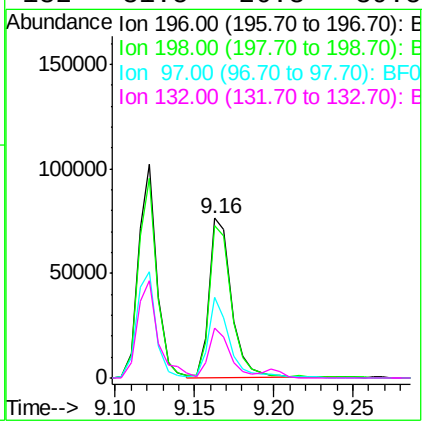


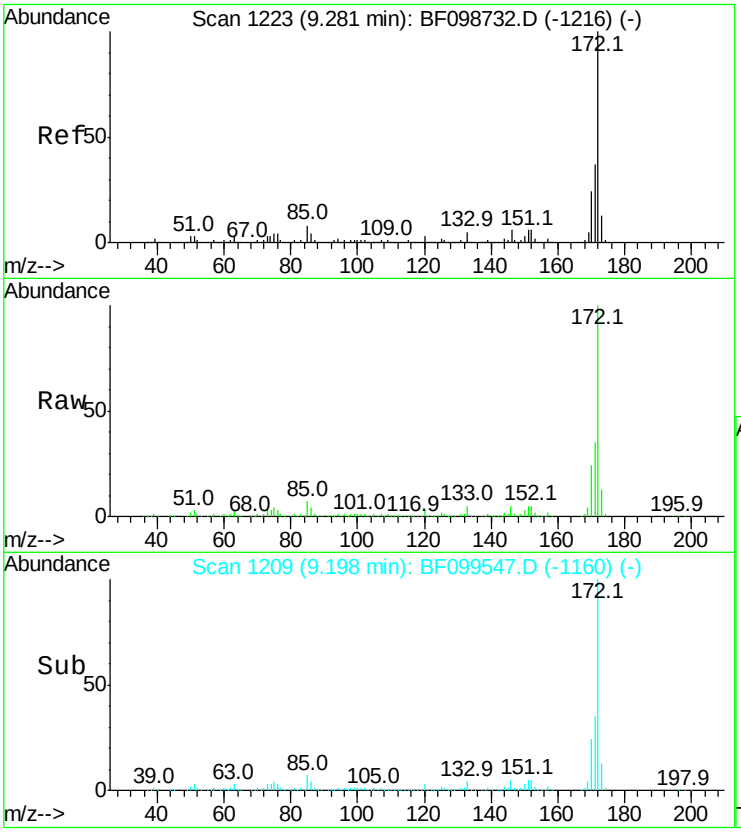


#43
2,4,5-Trichlorophenol
Concen: 21.515 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion:196 Resp: 75827

Ion	Ratio	Lower	Upper
196	100		
198	95.5	74.6	112.0
97	50.0	42.9	64.3
132	31.5	26.3	39.5



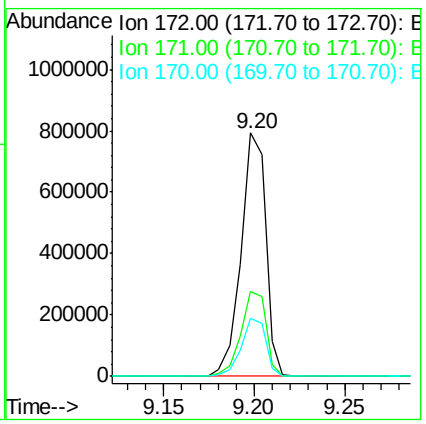


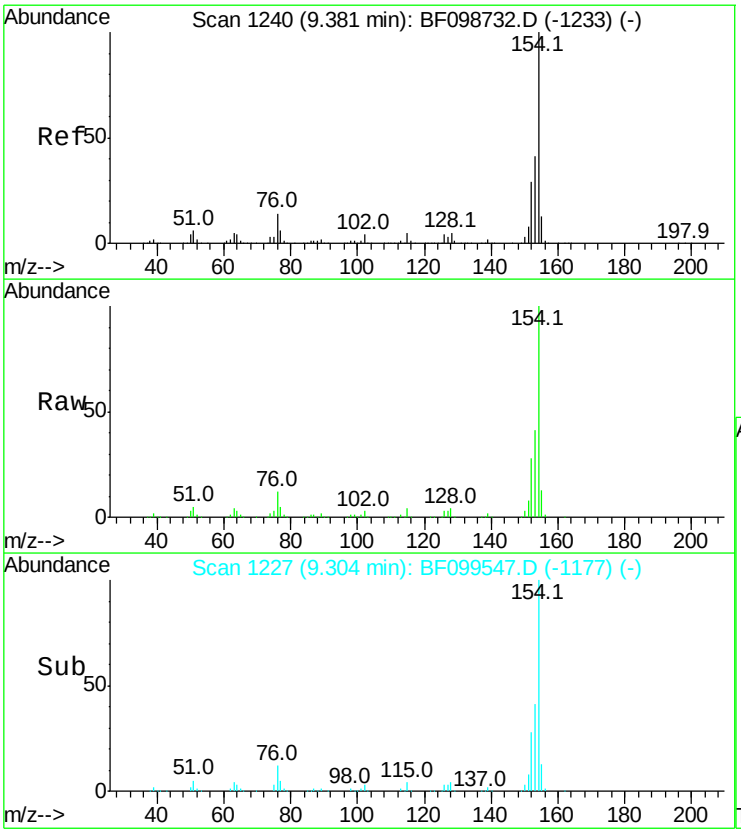
#44
2-Fluorobiphenyl
Concen: 75.101 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:172 Resp: 751750

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	23.9	19.6	29.4

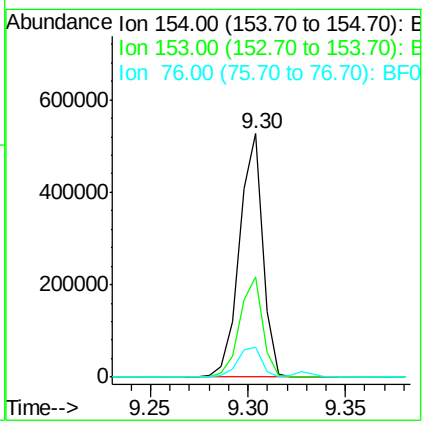


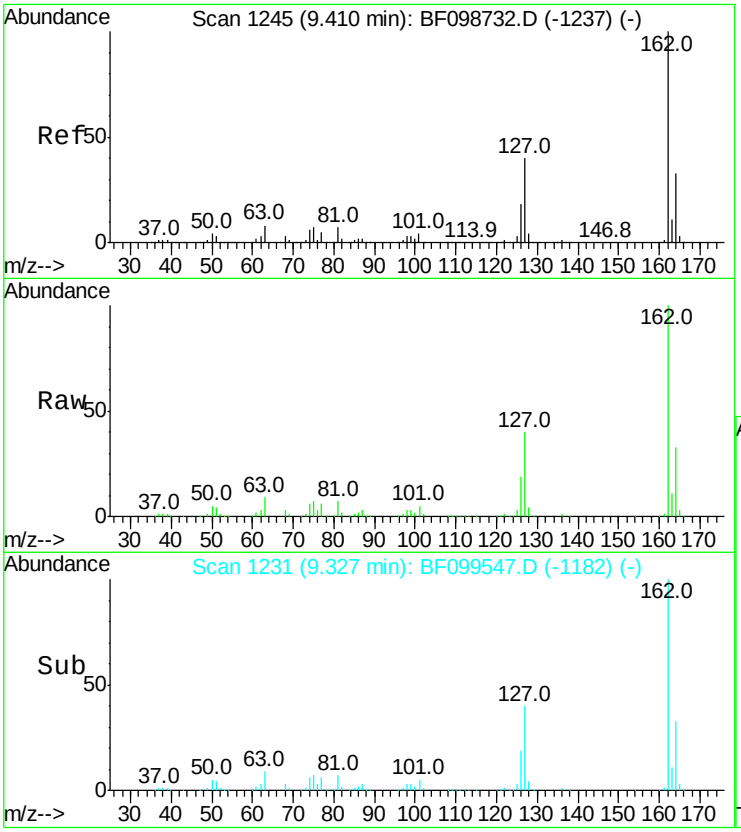


#45
1,1'-Biphenyl
Concen: 30.263 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion:154 Resp: 434633

Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.3	61.3
76	12.4	0.0	34.0



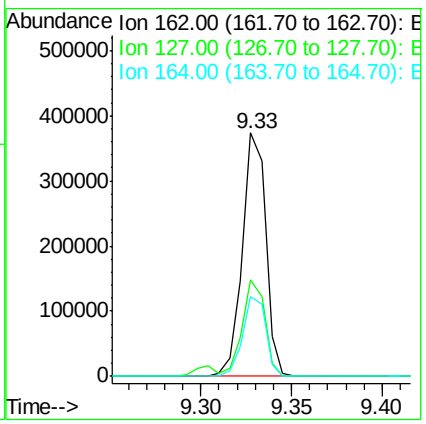


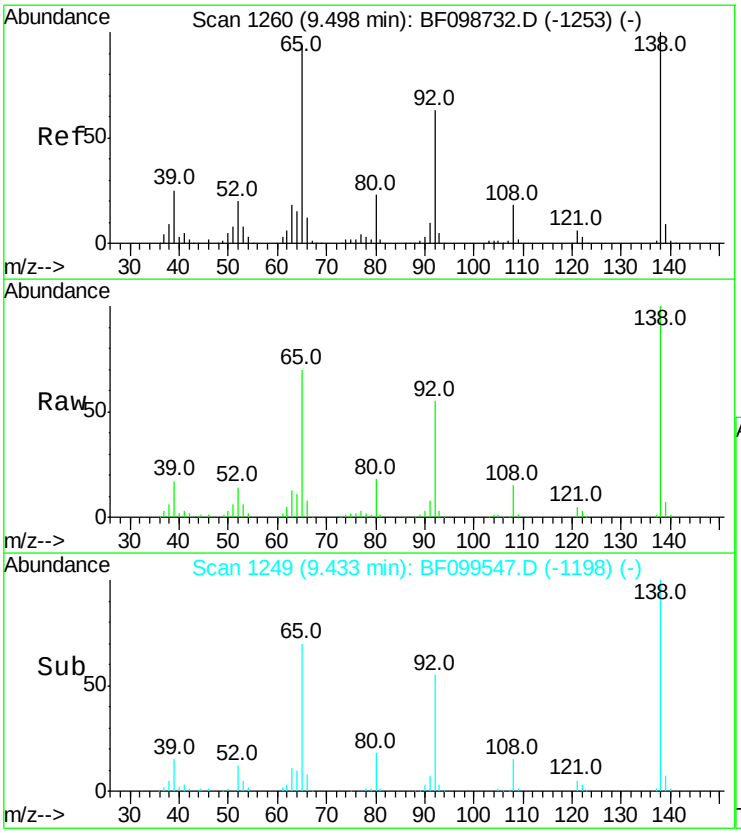
#46
2-Chloronaphthalene
Concen: 31.119 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:162 Resp: 335560

Ion	Ratio	Lower	Upper
162	100		
127	39.8	33.9	50.9
164	32.6	26.5	39.7

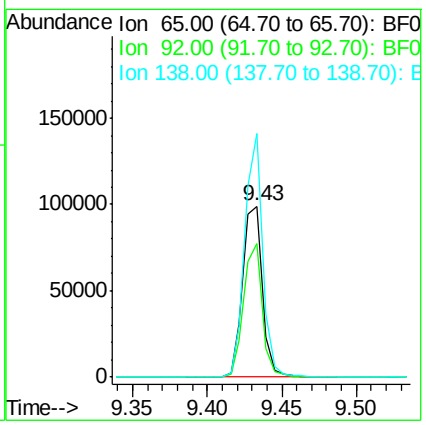


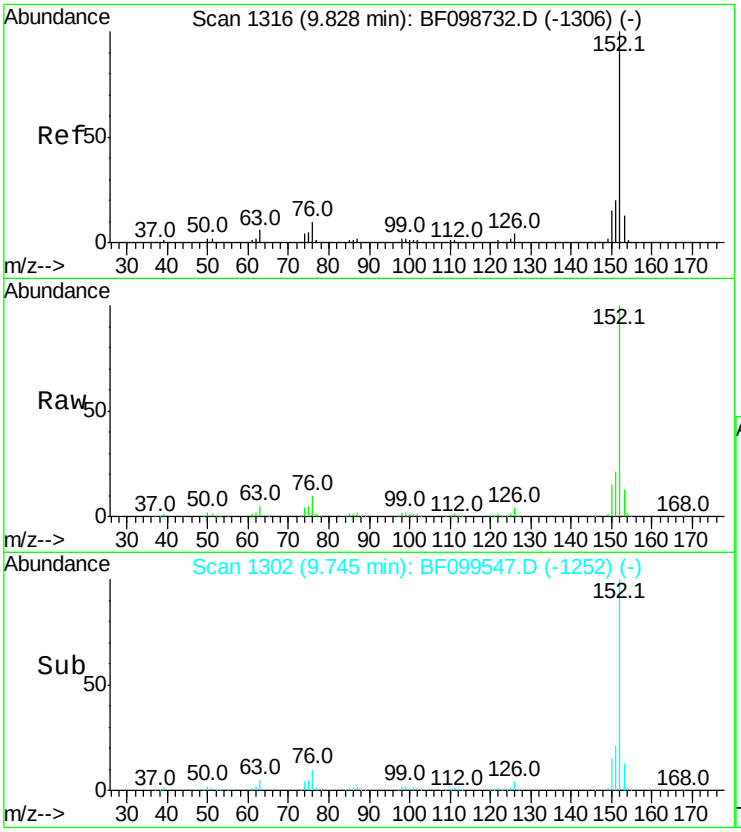


#47
2-Nitroaniline
Concen: 27.539 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion: 65 Resp: 90929

Ion	Ratio	Lower	Upper
65	100		
92	78.4	55.8	83.6
138	142.4	91.2	136.8#



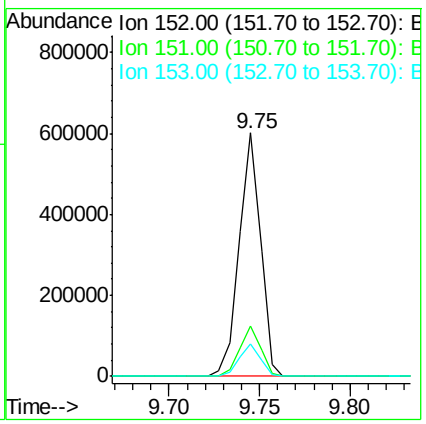


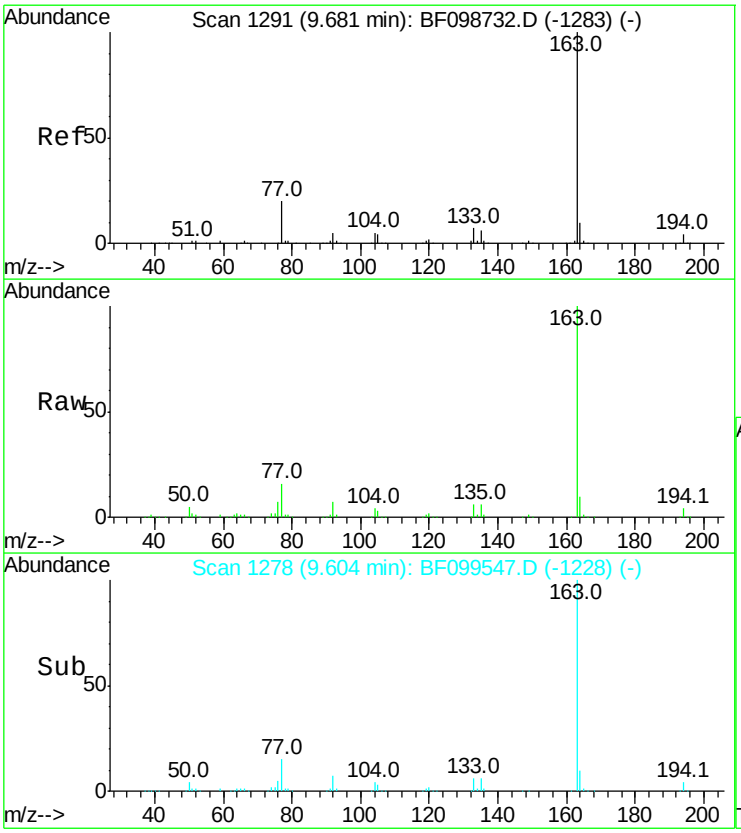
#48
Acenaphthylene
Concen: 29.989 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:152 Resp: 495039

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	13.1	10.7	16.1

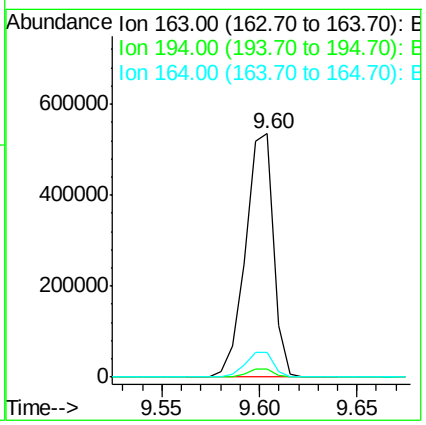


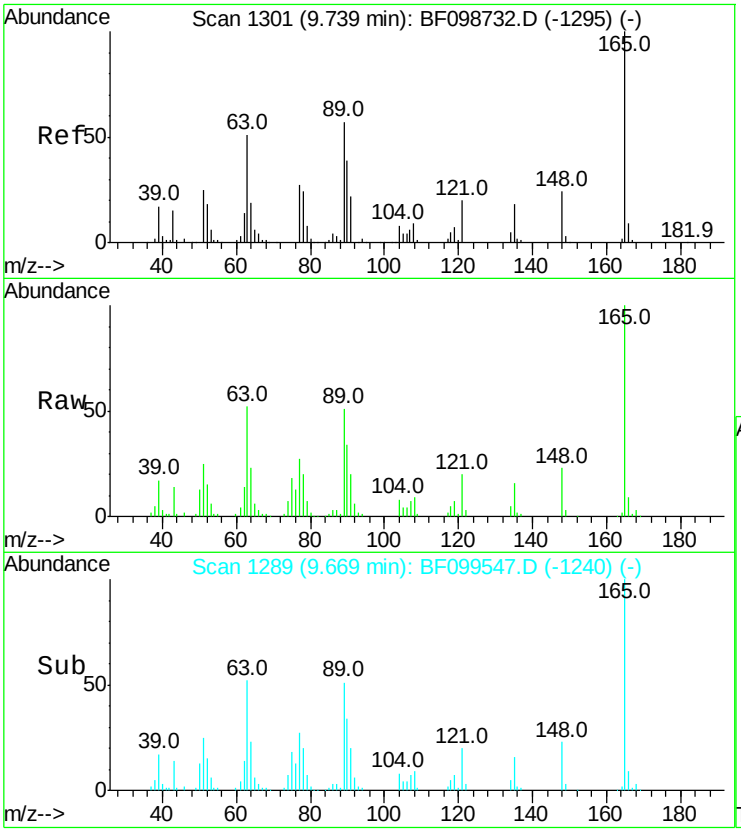


#49
Dimethylphthalate
Concen: 42.189 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion:163 Resp: 532102

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.9	8.2	12.2



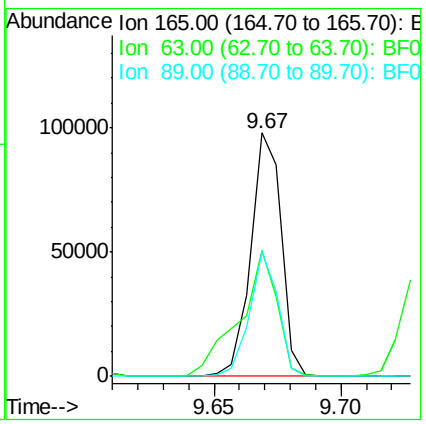


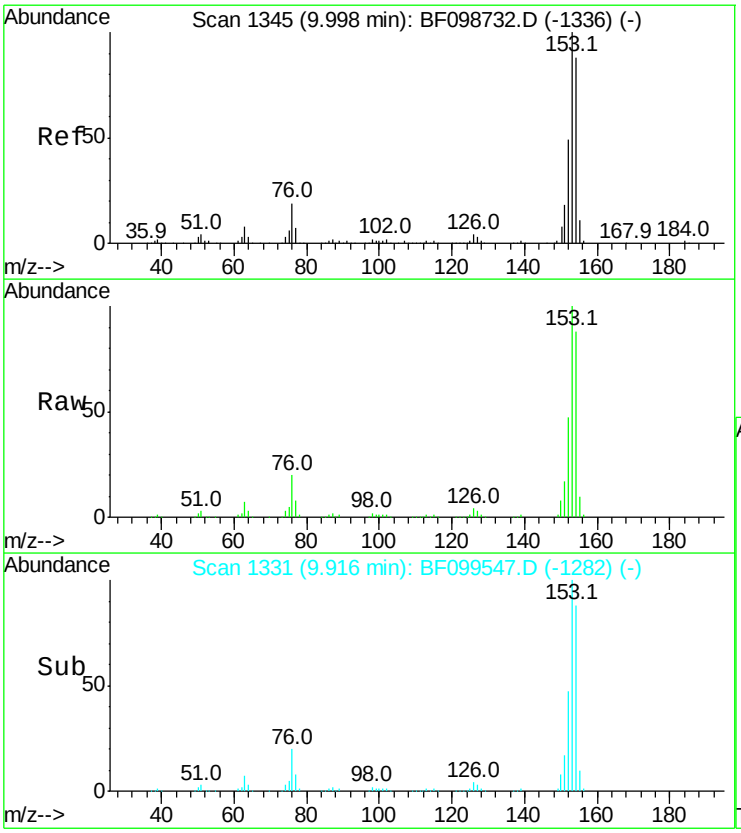
#50
2,6-Dinitrotoluene
Concen: 29.980 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:165 Resp: 82319

Ion	Ratio	Lower	Upper
165	100		
63	51.9	44.7	67.1
89	51.2	44.0	66.0

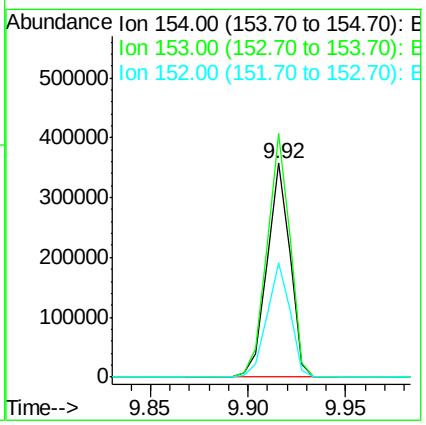


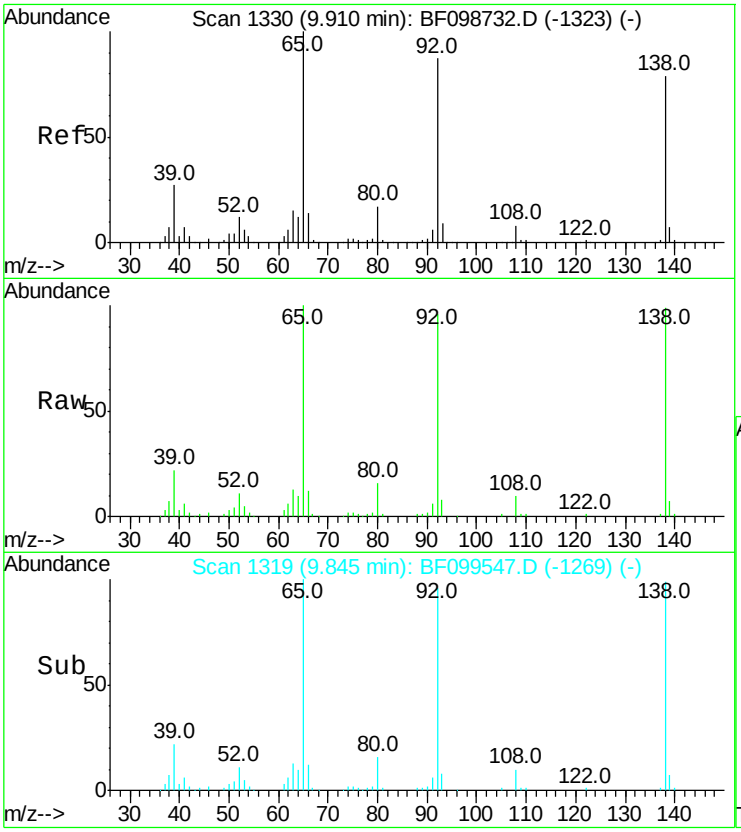


#51
Acenaphthene
Concen: 27.932 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion:154 Resp: 292065

Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.2	136.8
152	53.6	43.8	65.8



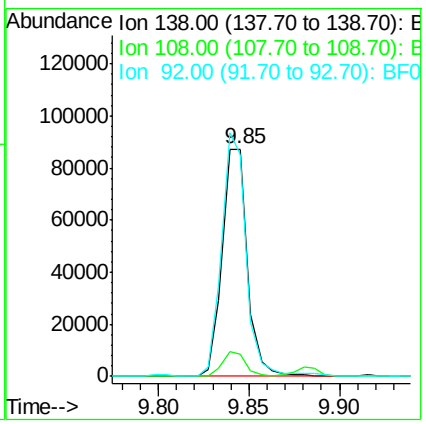


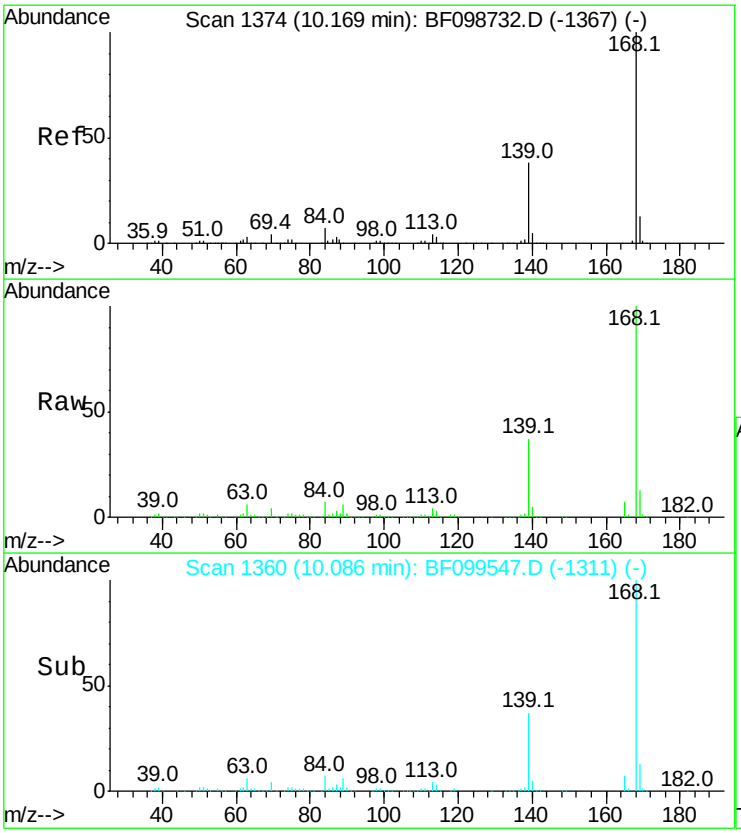
#52
3-Nitroaniline
Concen: 26.592 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:138 Resp: 85137

Ion	Ratio	Lower	Upper
138	100		
108	10.0	9.4	14.0
92	97.3	89.4	134.2

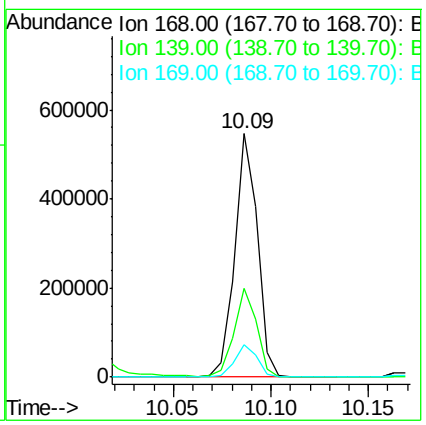


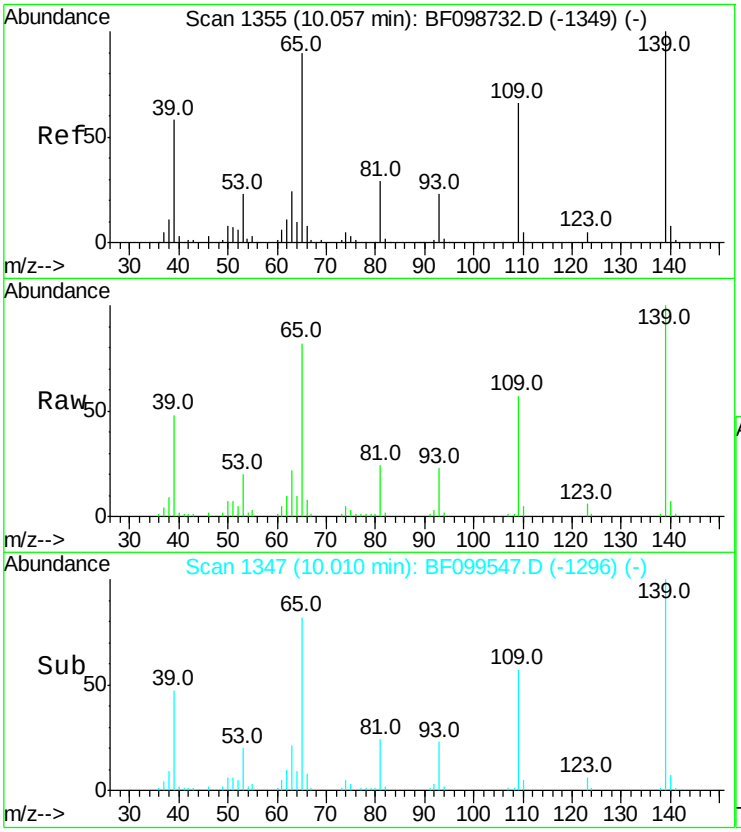


#54
Dibenzofuran
Concen: 31.462 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion:168 Resp: 438021

Ion	Ratio	Lower	Upper
168	100		
139	36.7	30.1	45.1
169	13.5	10.9	16.3



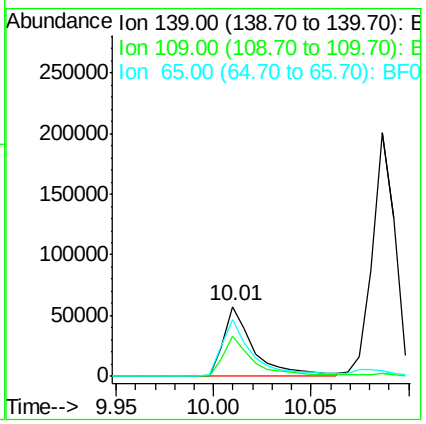


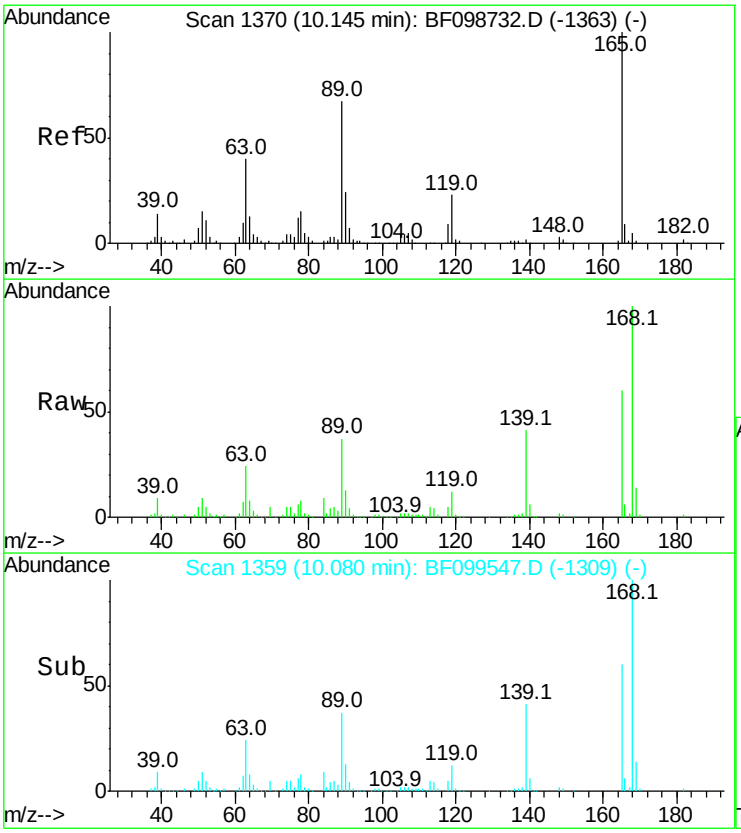
#55
4-Nitrophenol
Concen: 22.926 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:139 Resp: 62063

Ion	Ratio	Lower	Upper
139	100		
109	57.3	48.4	88.4
65	81.9	72.6	112.6

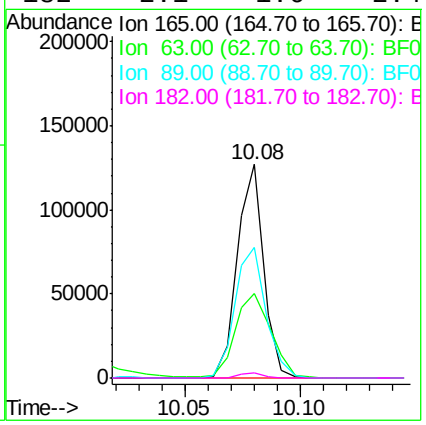


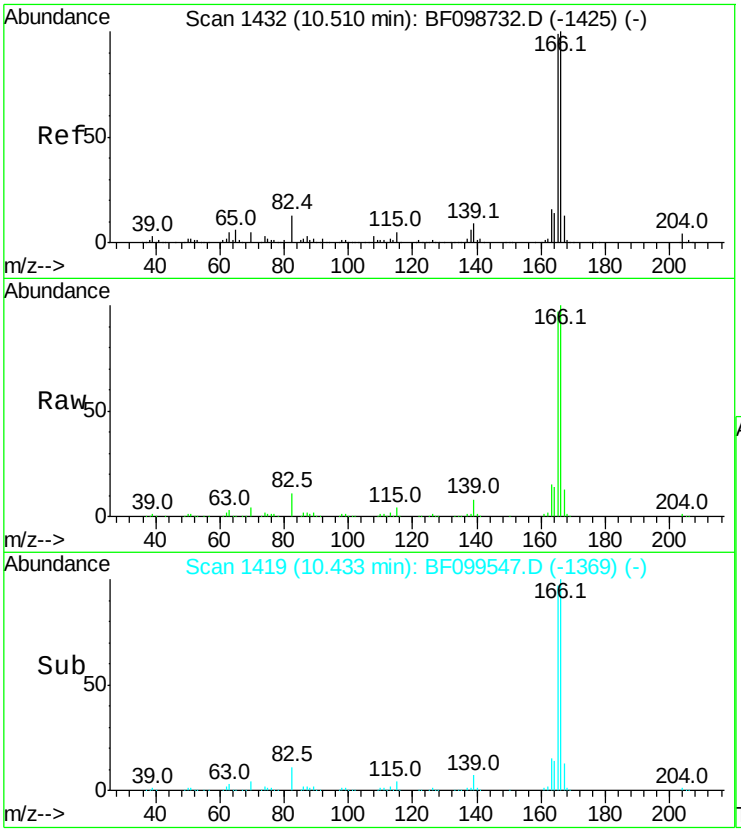


#56
2,4-Dinitrotoluene
Concen: 28.408 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion:165 Resp: 101232

Ion	Ratio	Lower	Upper
165	100		
63	39.6	36.4	54.6
89	61.3	57.8	86.6
182	2.1	1.6	2.4



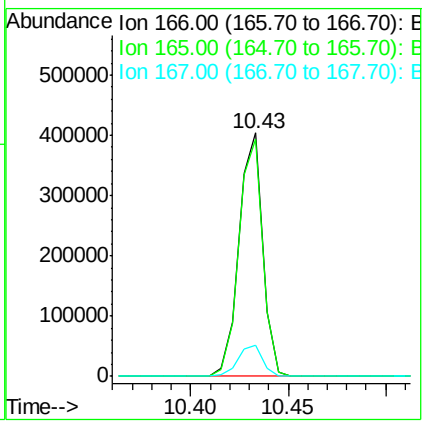


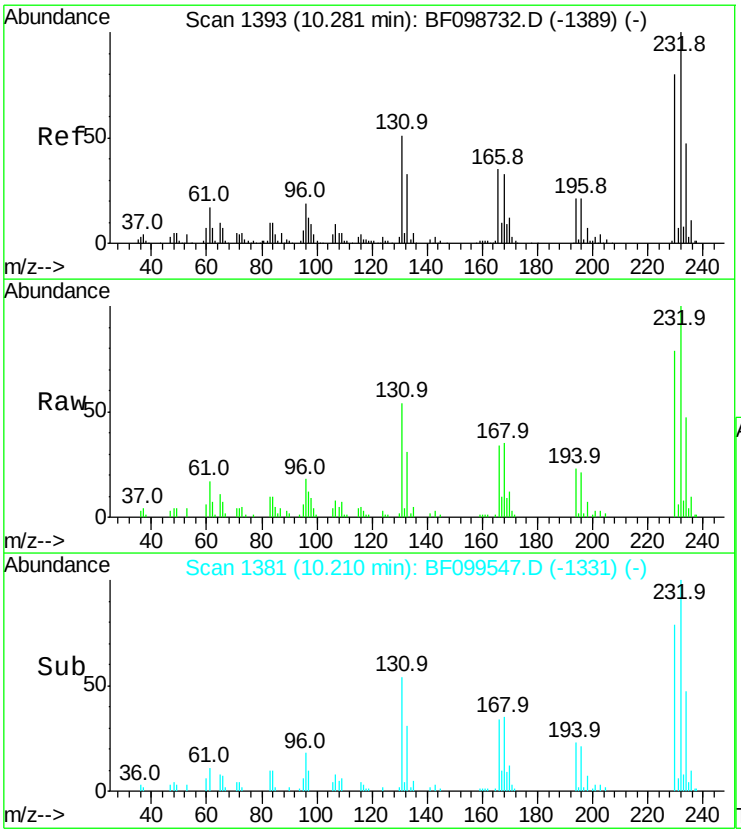
#57
Fluorene
Concen: 30.290 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:166 Resp: 338956

Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.8	119.8
167	13.0	10.6	16.0

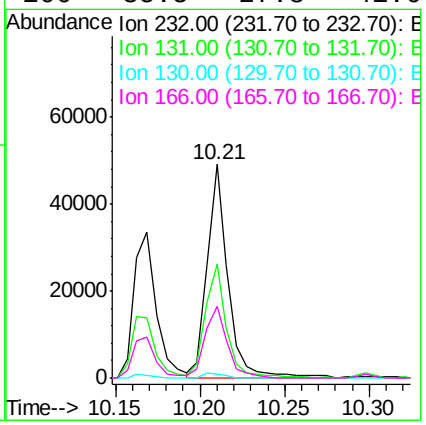


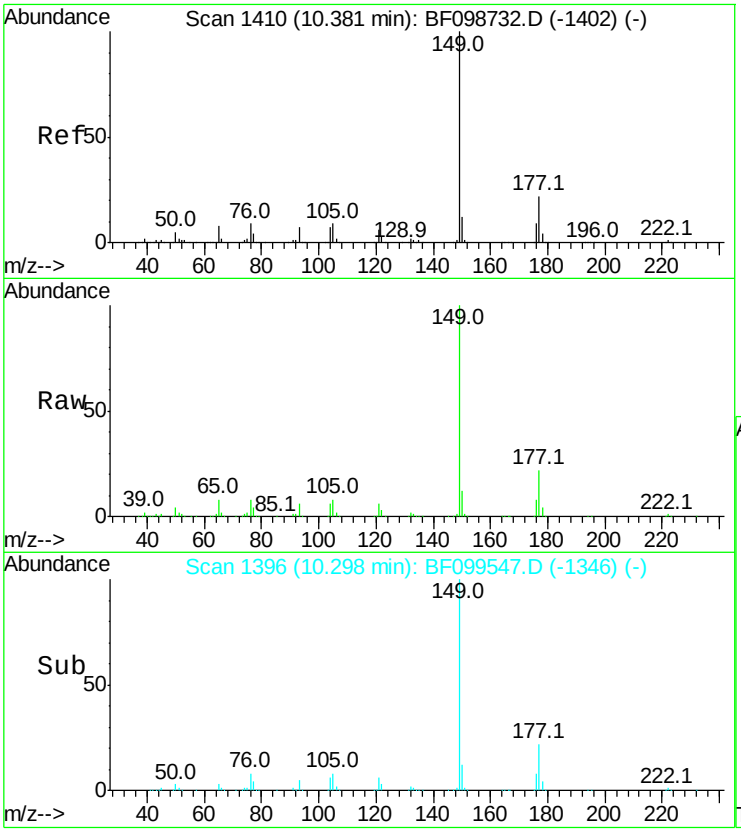


#58
2,3,4,6-Tetrachlorophenol
Concen: 17.582 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion:232 Resp: 42805

Ion	Ratio	Lower	Upper
232	100		
131	54.4	43.8	65.8
130	2.2	2.1	3.1
166	35.5	27.8	41.6



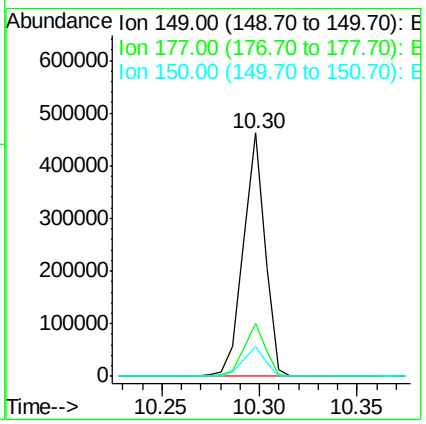


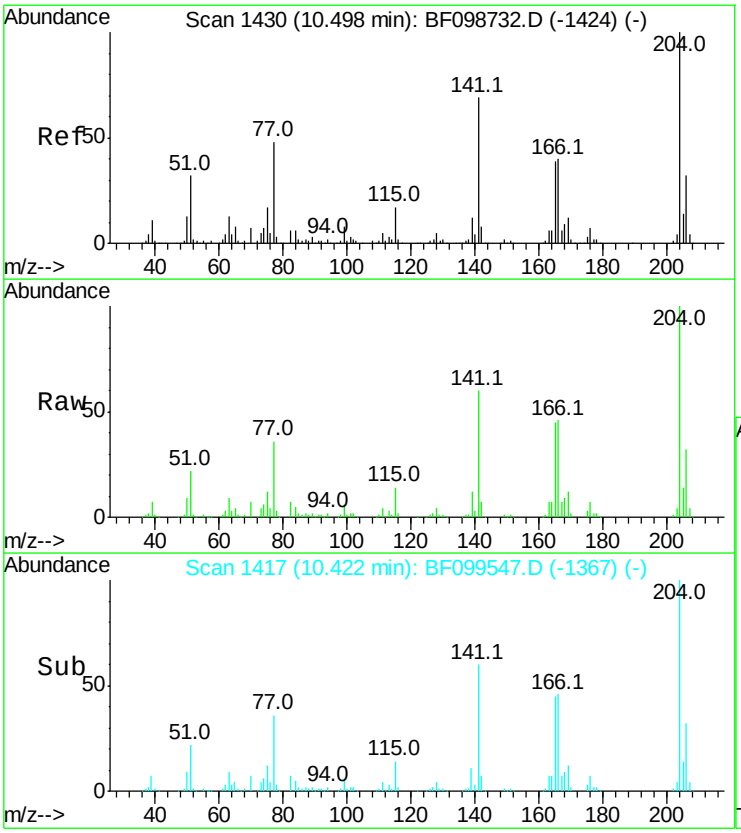
#59
Diethylphthalate
Concen: 29.102 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:149 Resp: 358652

Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.1	24.1
150	12.4	10.1	15.1

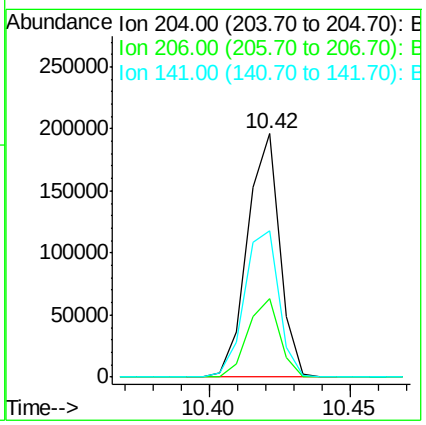


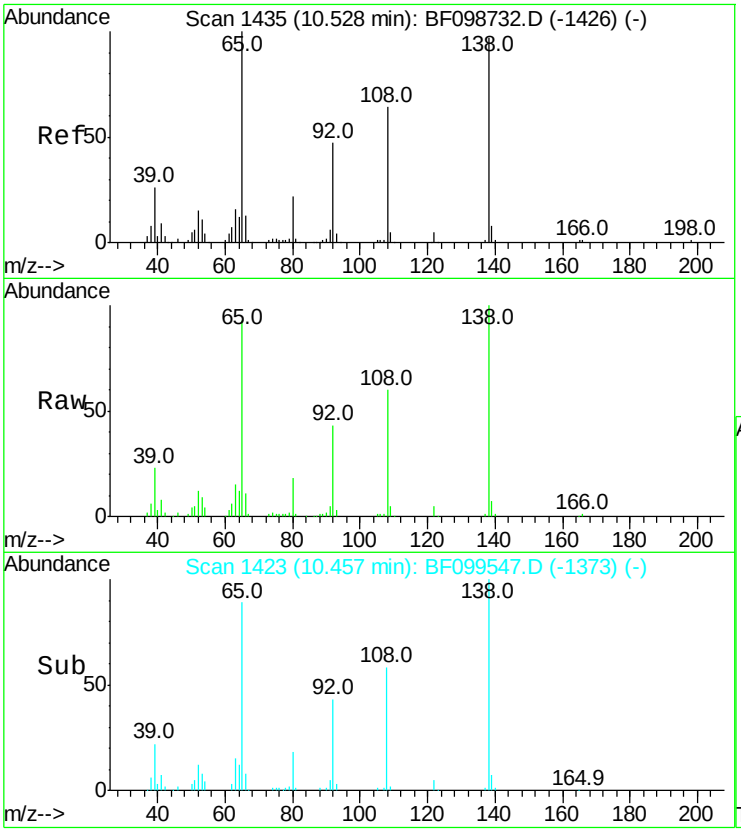


#60
4-Chlorophenyl-phenylether
Concen: 30.857 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion:204 Resp: 155110

Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	60.3	54.6	81.8



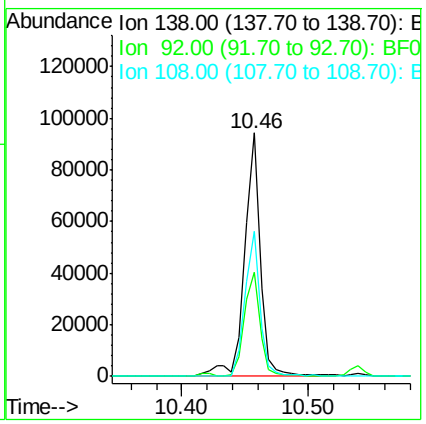


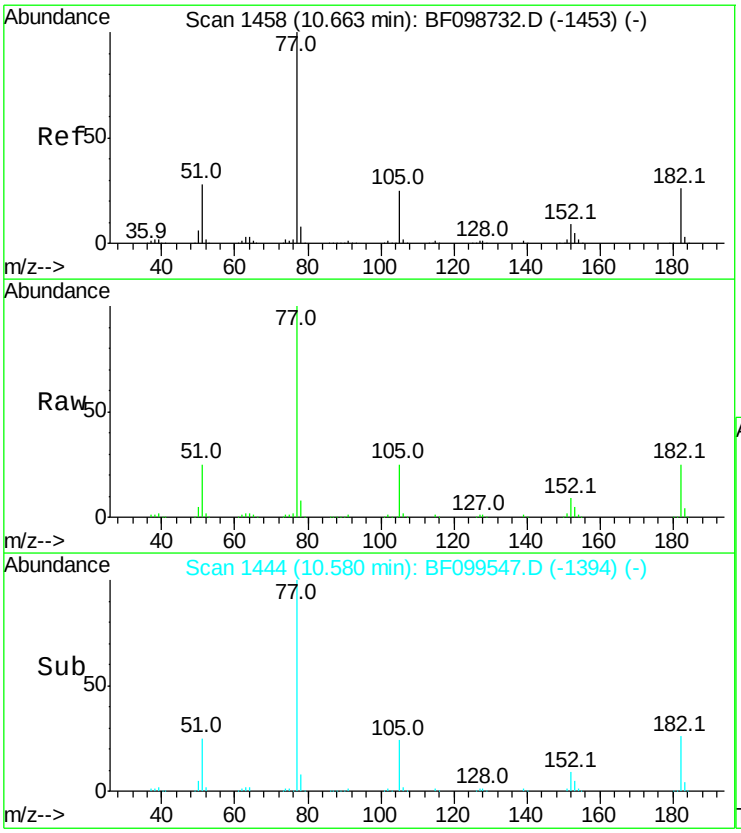
#61
4-Nitroaniline
Concen: 26.350 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:138 Resp: 81389

Ion	Ratio	Lower	Upper
138	100		
92	42.9	30.2	70.2
108	59.7	52.5	92.5

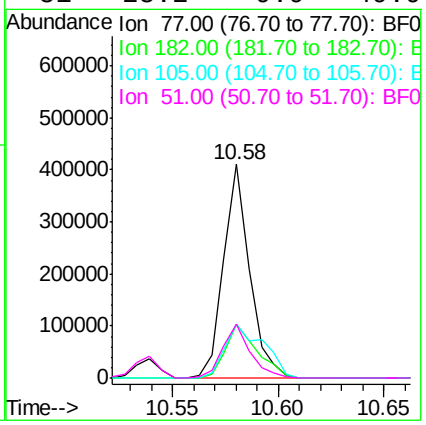


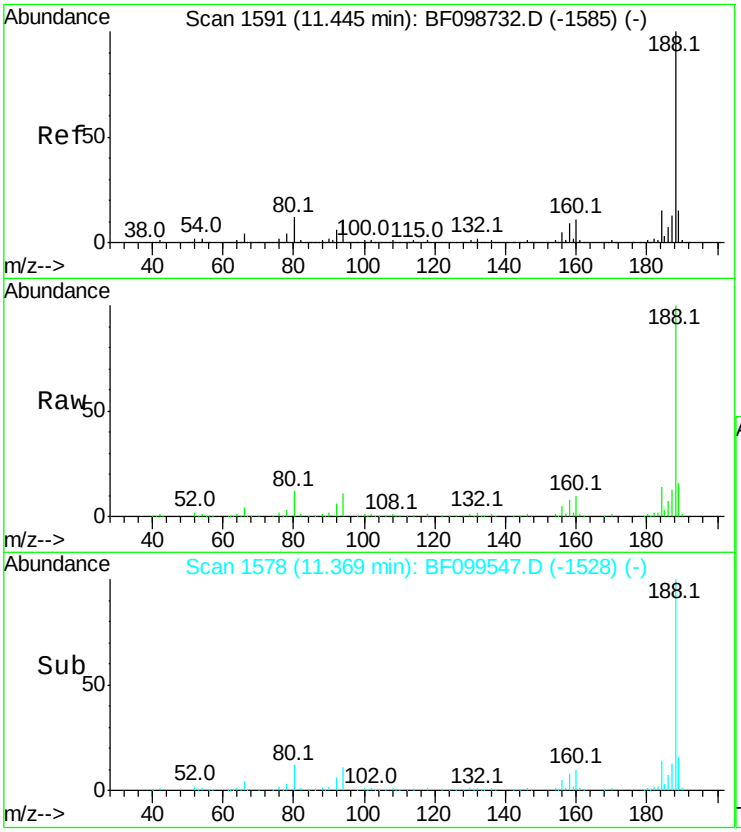


#62
Azobenzene
Concen: 30.766 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion: 77 Resp: 348628

Ion	Ratio	Lower	Upper
77	100		
182	25.4	1.7	41.7
105	25.2	3.0	43.0
51	25.2	9.9	49.9



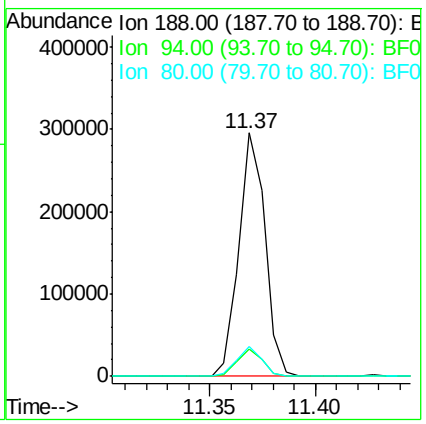


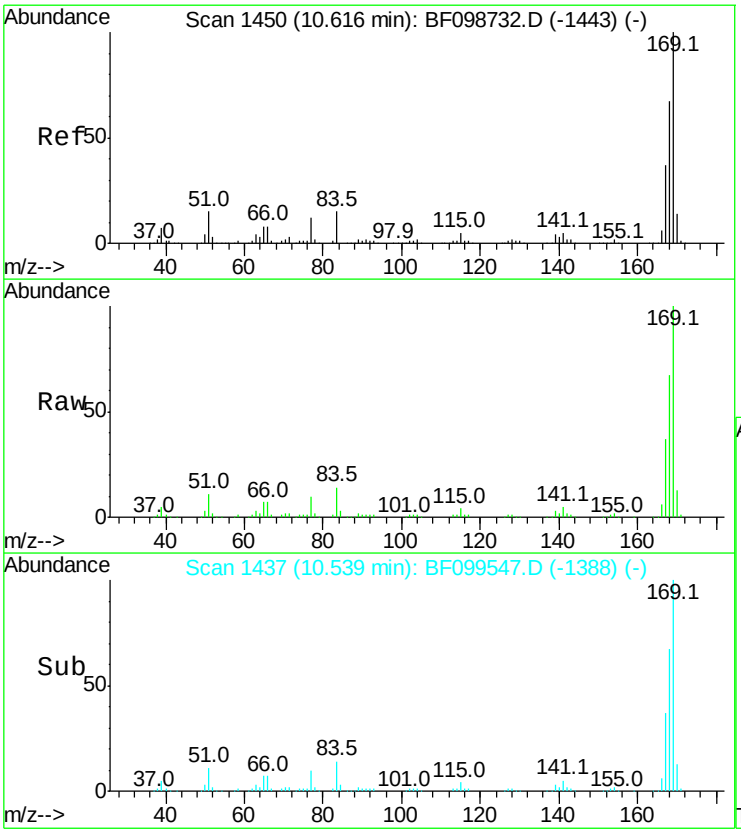
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:188 Resp: 253408

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	12.1	9.2	13.8

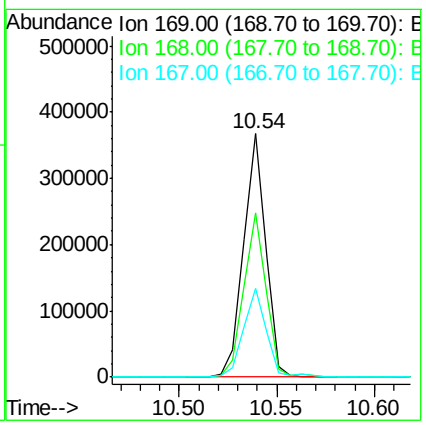


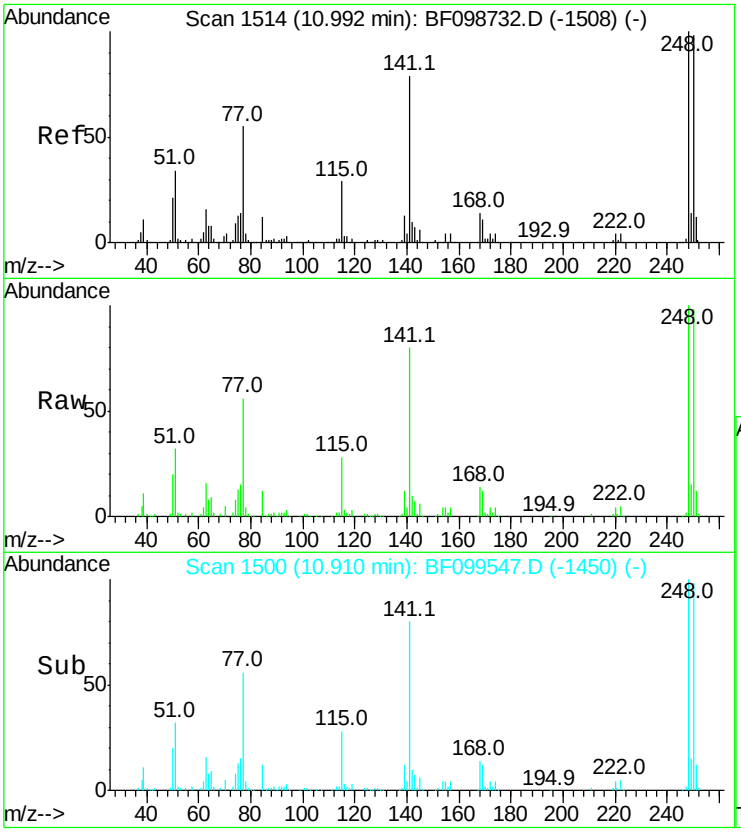


#65
n-Nitrosodiphenylamine
Concen: 32.962 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion:169 Resp: 289368

Ion	Ratio	Lower	Upper
169	100		
168	67.4	54.4	81.6
167	36.6	29.8	44.6



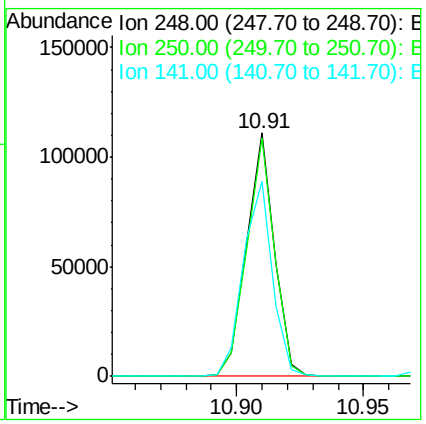


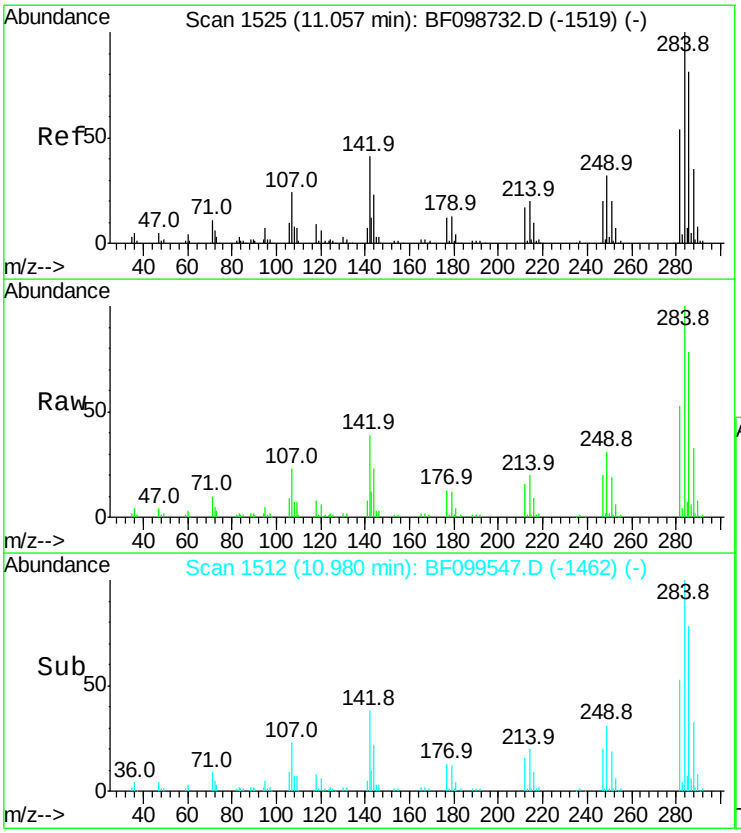
#66
4-Bromophenyl-phenylether
Concen: 34.248 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:248 Resp: 84951

Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.9	115.3
141	79.8	74.4	111.6

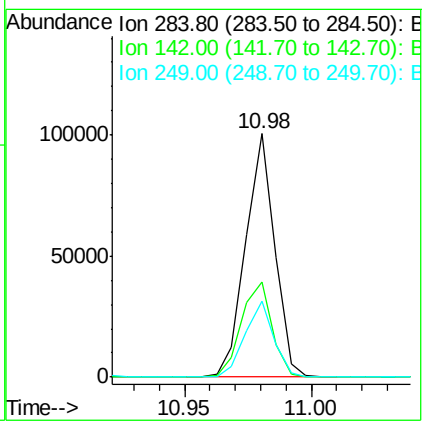


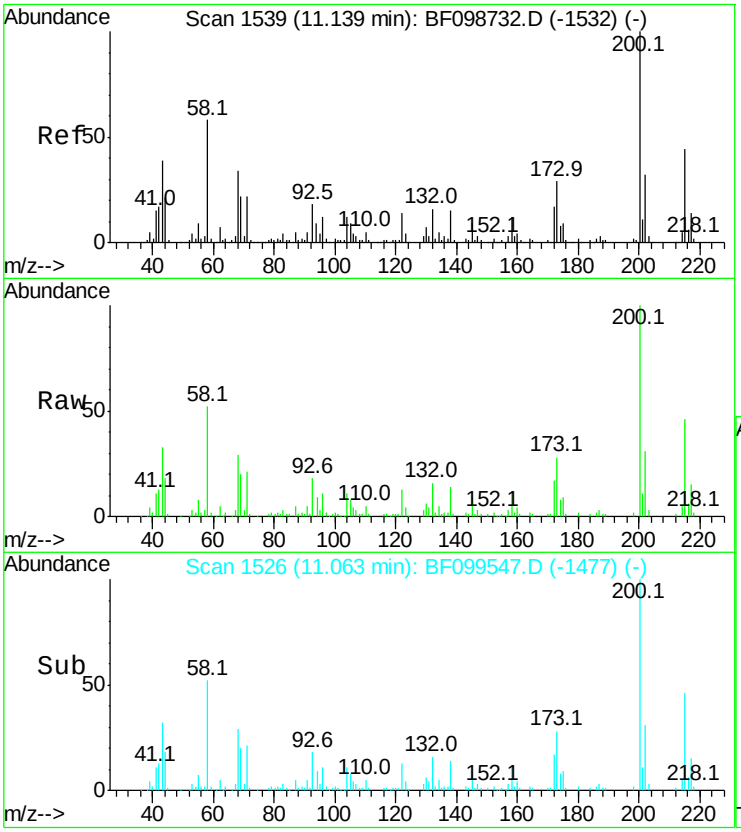


#67
Hexachlorobenzene
Concen: 30.459 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion:284 Resp: 80692

Ion	Ratio	Lower	Upper
284	100		
142	38.9	34.6	52.0
249	31.4	24.8	37.2



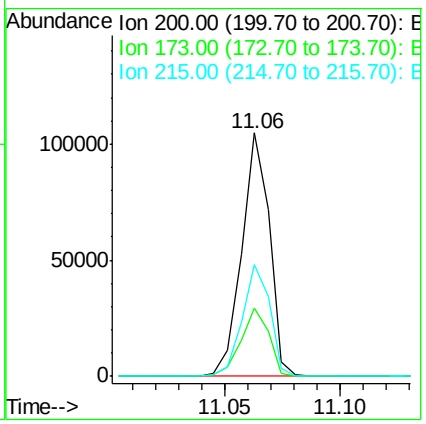


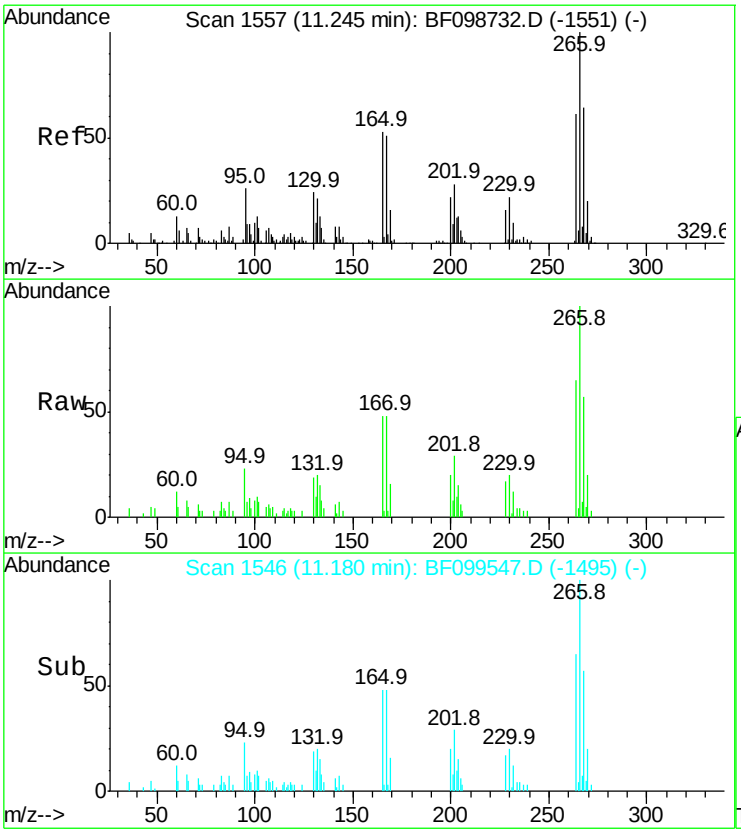
#68
Atrazine
Concen: 33.190 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:200 Resp: 87663

Ion	Ratio	Lower	Upper
200	100		
173	28.2	8.6	48.6
215	45.7	25.1	65.1

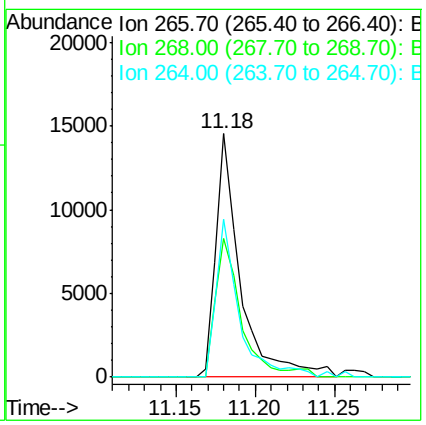


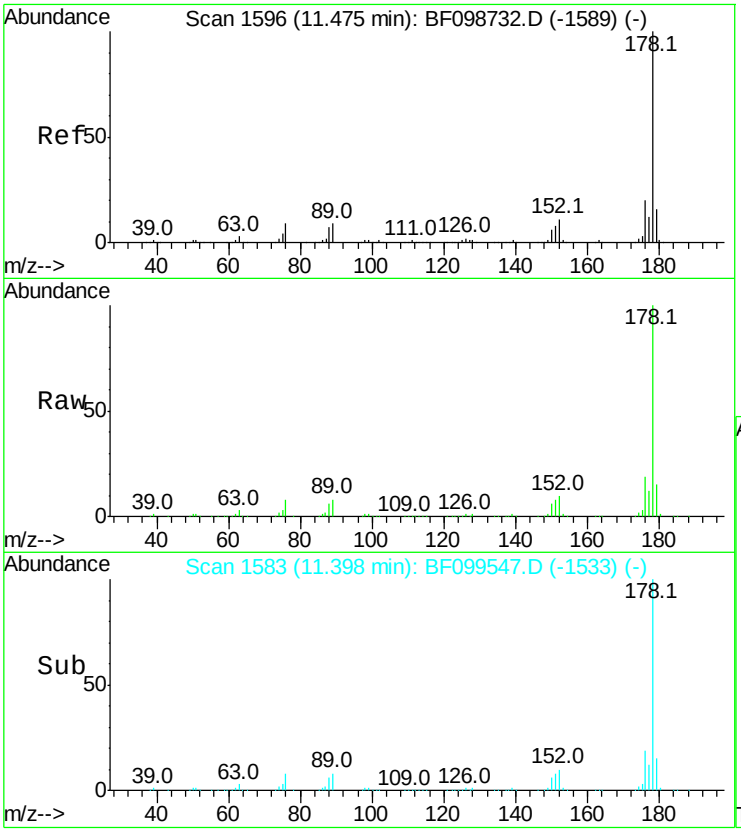


#69
Pentachlorophenol
Concen: 9.453 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion:266 Resp: 15586

Ion	Ratio	Lower	Upper
266	100		
268	56.9	51.1	76.7
264	65.0	49.5	74.3



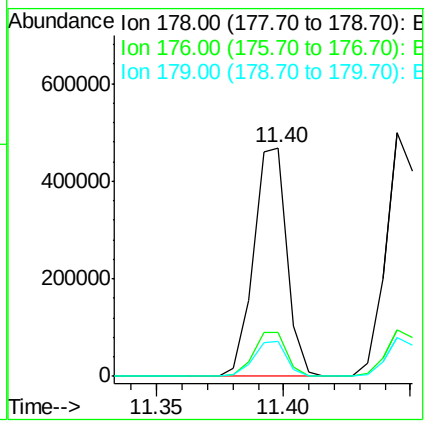


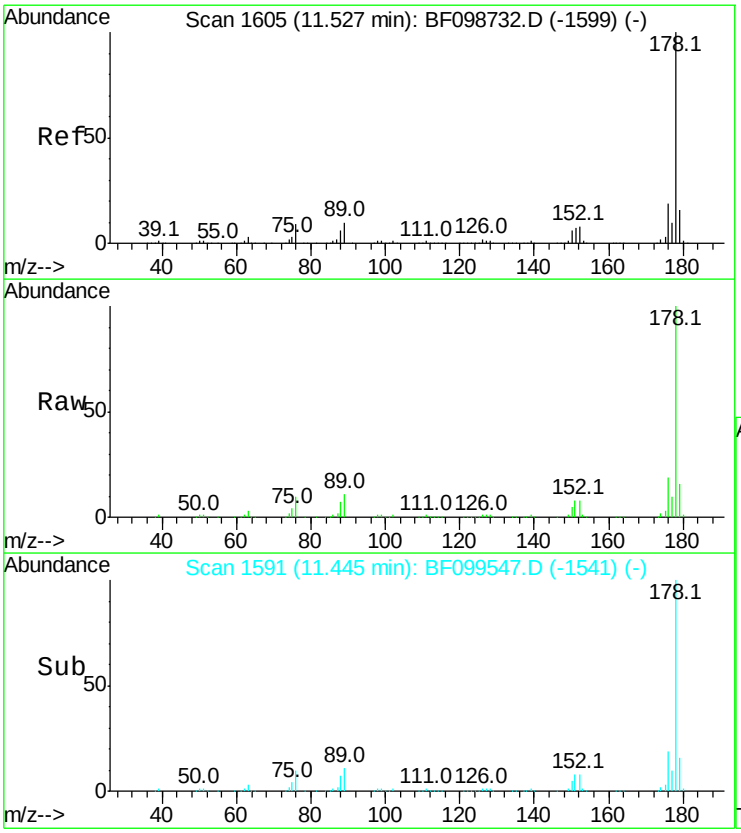
#70
Phenanthrene
Concen: 31.587 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:178 Resp: 428448

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.5	13.0	19.6

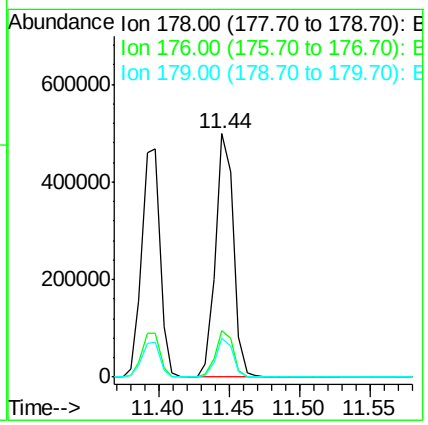


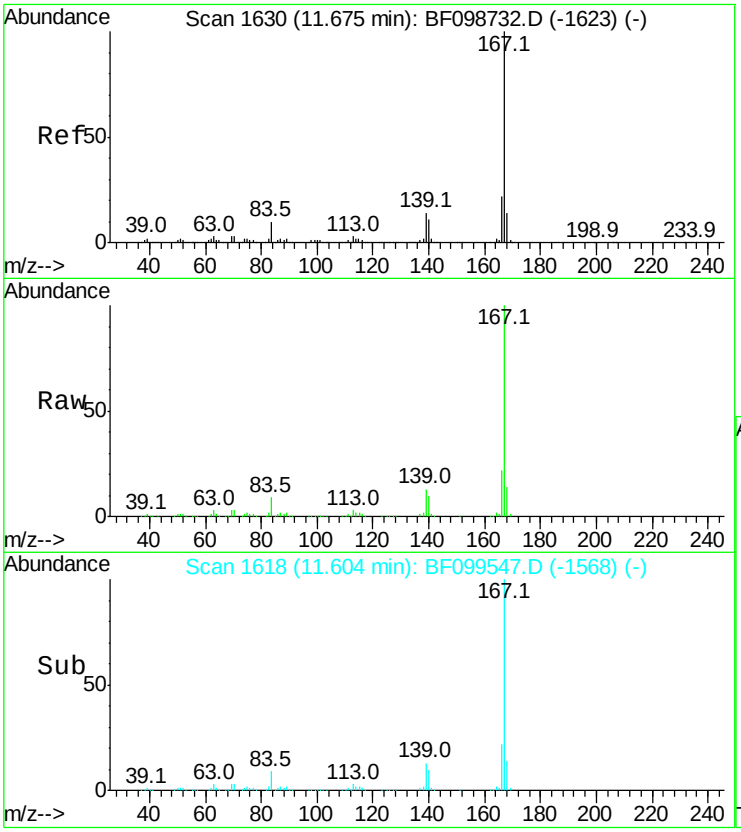


#71
Anthracene
Concen: 31.740 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion:178 Resp: 440518

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.7	12.6	19.0



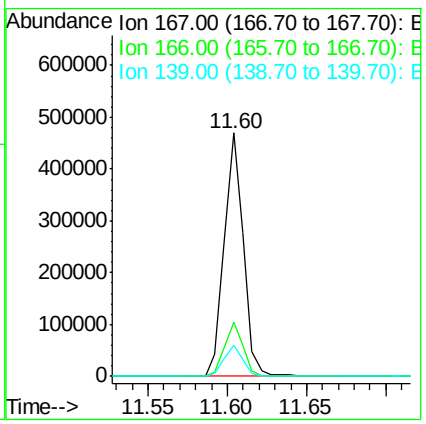


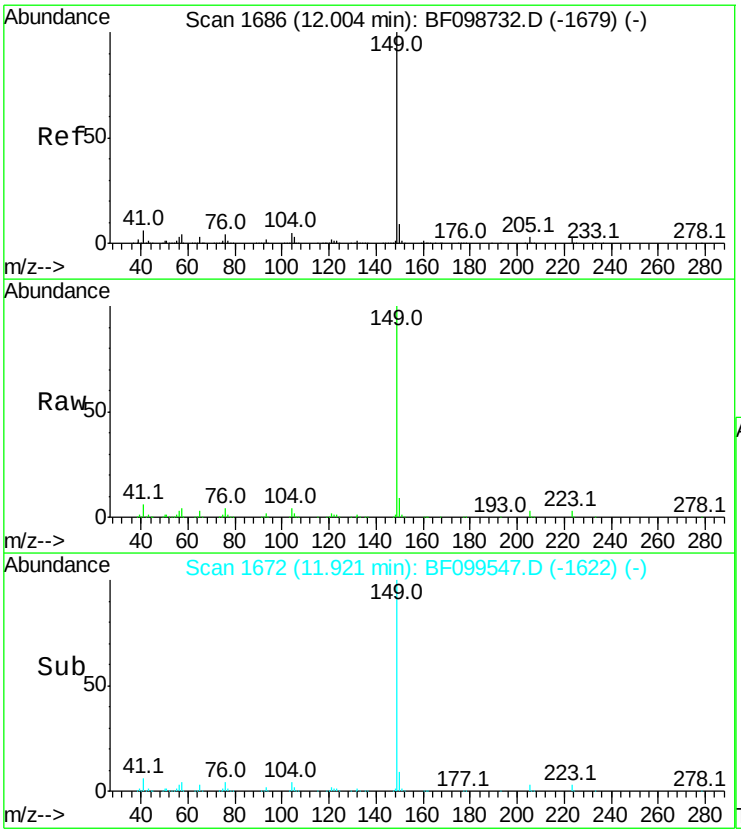
#72
Carbazole
Concen: 28.881 ng
RT: 11.60 min Scan# 1618
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:167 Resp: 392531

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	12.6	10.9	16.3

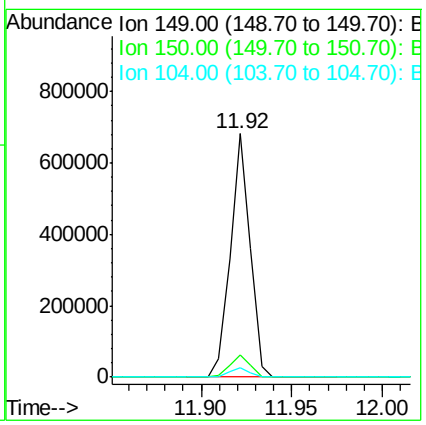


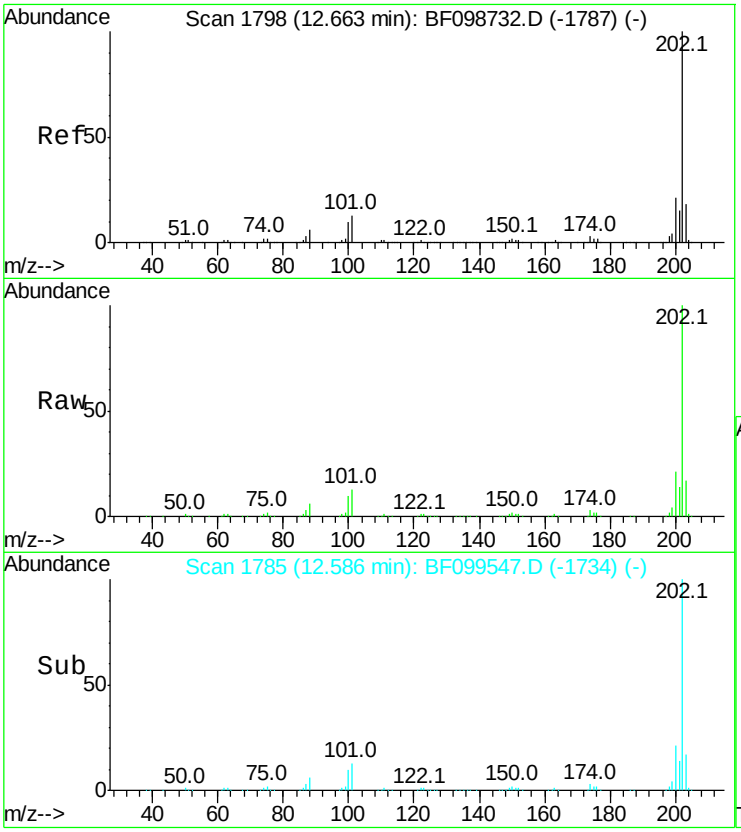


#73
Di-n-butylphthalate
Concen: 31.525 ng
RT: 11.92 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion:149 Resp: 515723

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	4.1	3.8	5.8



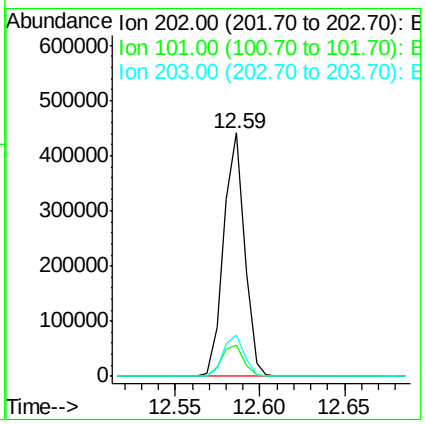


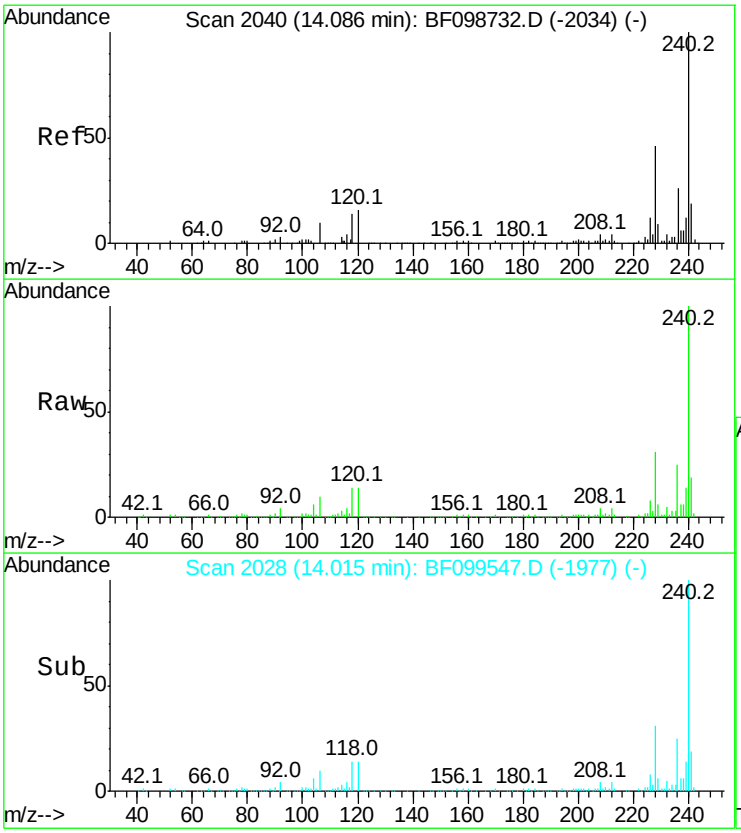
#74
Fluoranthene
Concen: 27.630 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:202 Resp: 379510

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.1
203	16.9	0.0	38.1

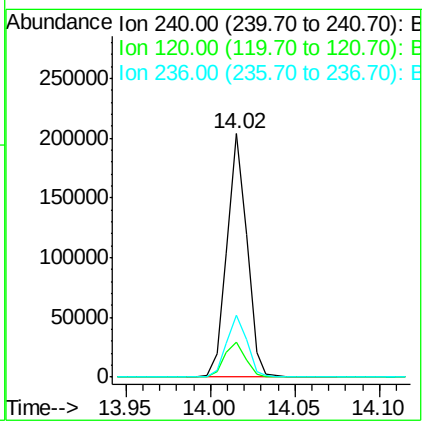


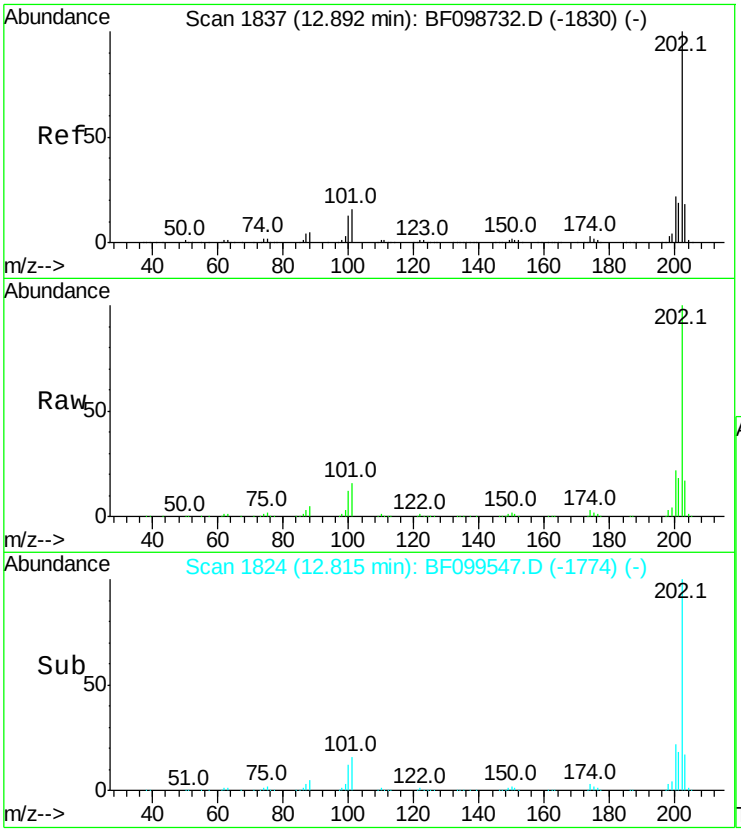


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion:240 Resp: 167536

Ion	Ratio	Lower	Upper
240	100		
120	14.5	9.5	14.3#
236	25.5	20.7	31.1



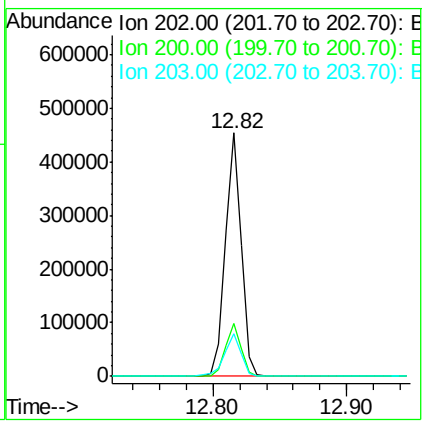


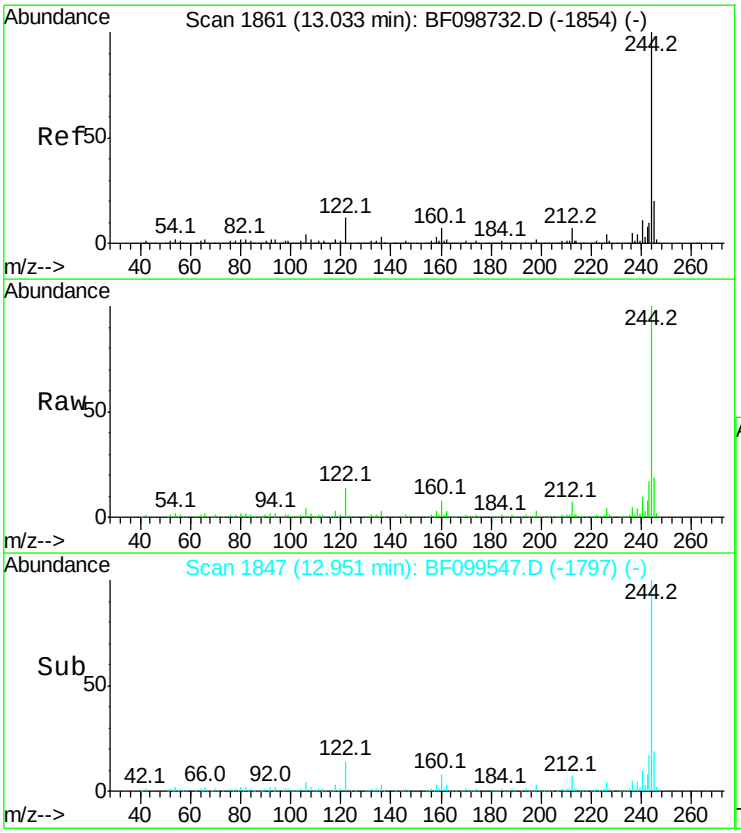
#77
Pyrene
Concen: 30.070 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:202 Resp: 384149

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.3	14.3	21.5

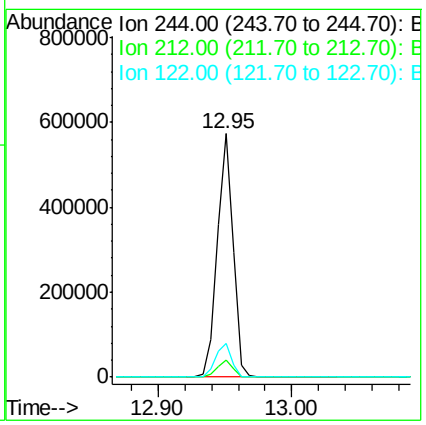


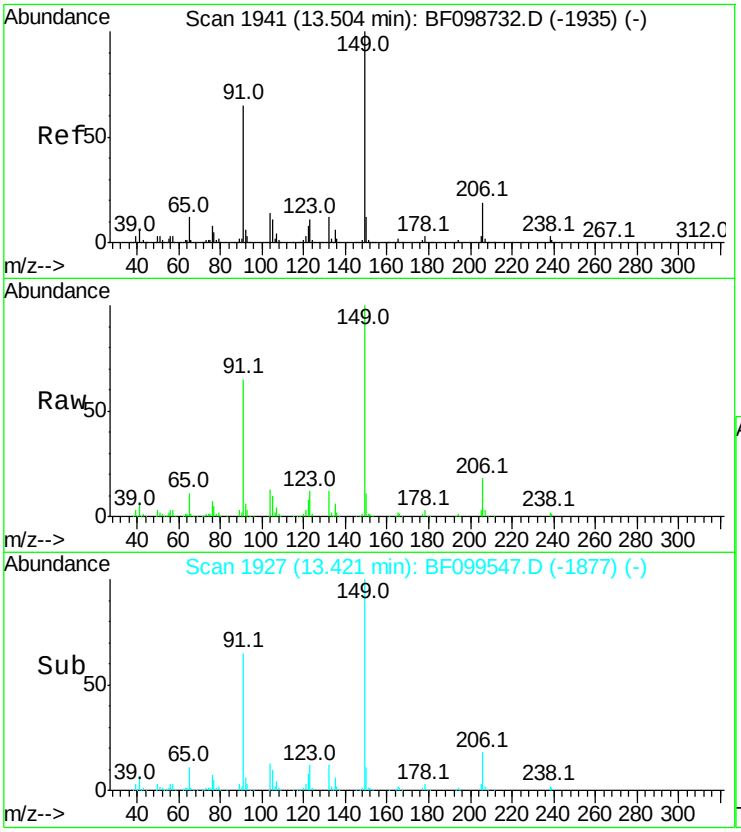


#78
Terphenyl-d14
Concen: 65.108 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion:244 Resp: 479638

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.7	11.0	16.4



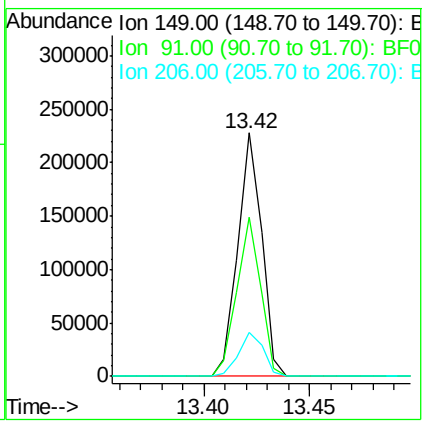


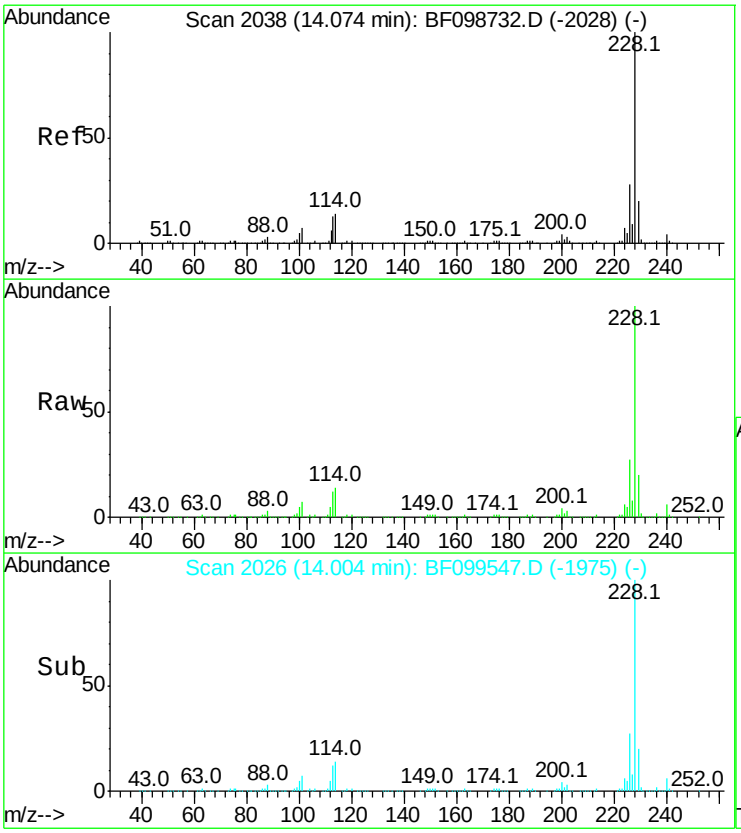
#79
Butylbenzylphthalate
Concen: 29.695 ng
RT: 13.42 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:149 Resp: 178289

Ion	Ratio	Lower	Upper
149	100		
91	65.3	56.8	85.2
206	18.2	14.1	21.1

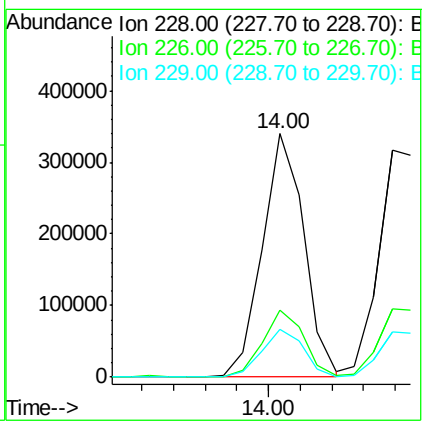


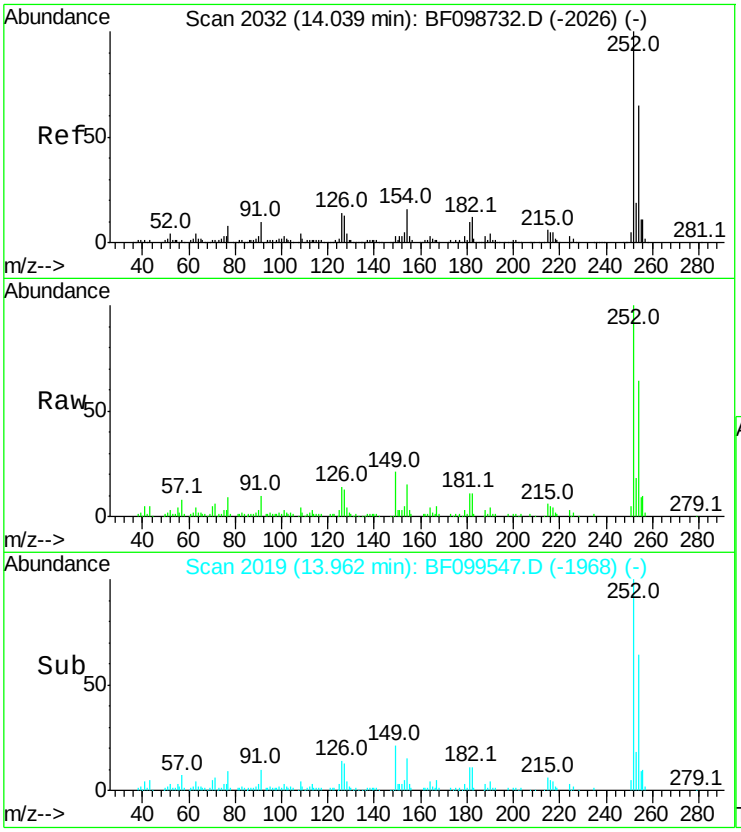


#80
Benzo(a)anthracene
Concen: 30.570 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion:228 Resp: 310120

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	19.6	15.8	23.6



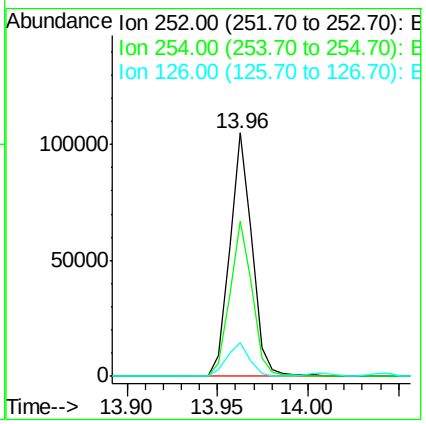


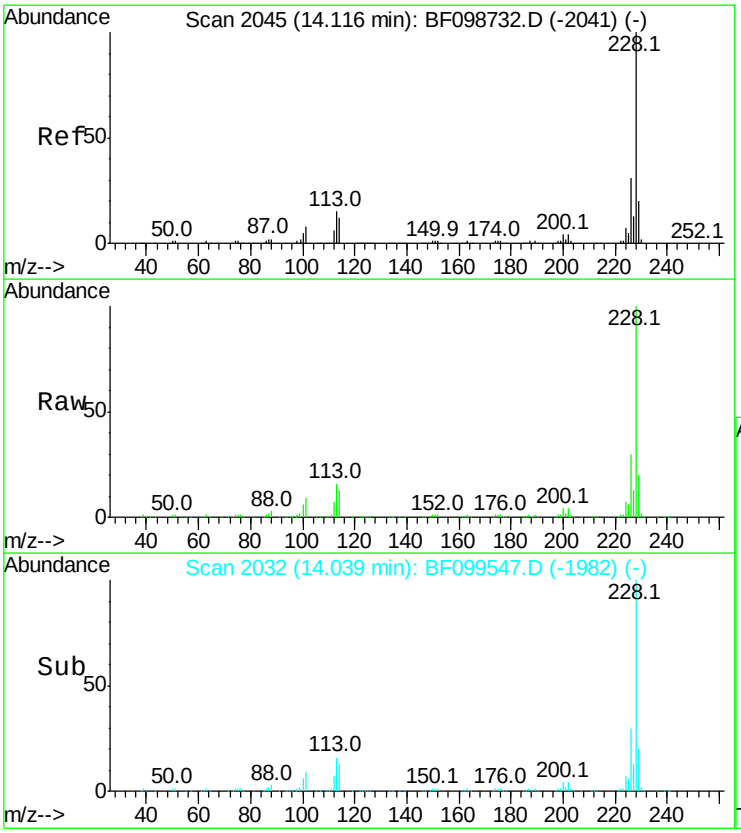
#81
3,3'-Dichlorobenzidine
Concen: 24.010 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:252 Resp: 89292

Ion	Ratio	Lower	Upper
252	100		
254	63.6	50.4	75.6
126	13.9	11.3	16.9

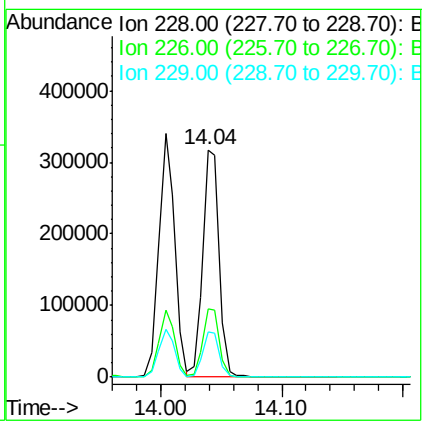


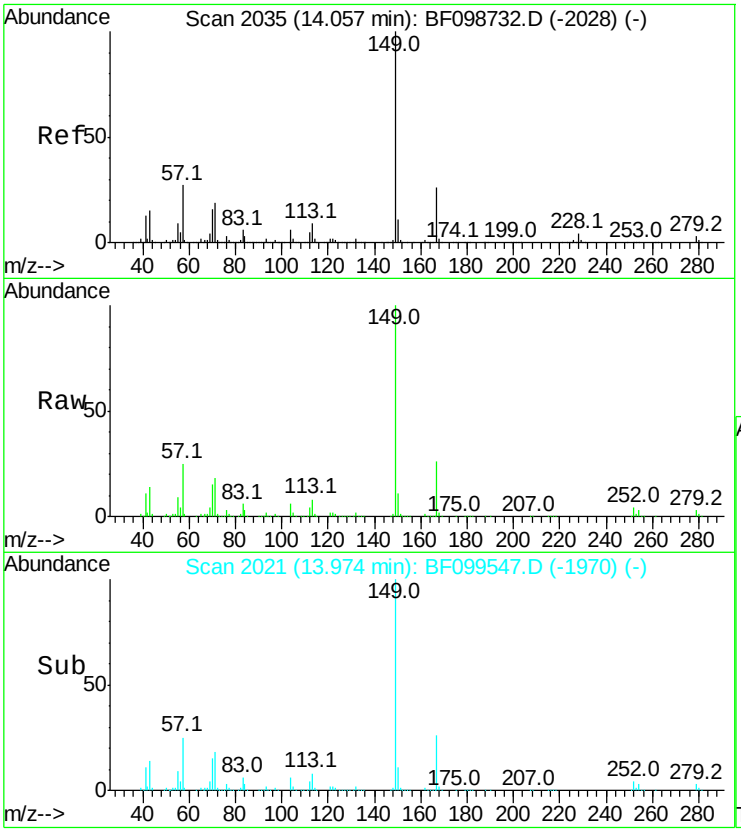


#82
Chrysene
Concen: 31.126 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion:228 Resp: 300625

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	19.9	16.2	24.4



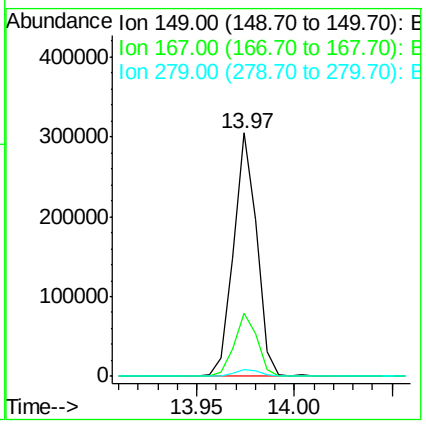


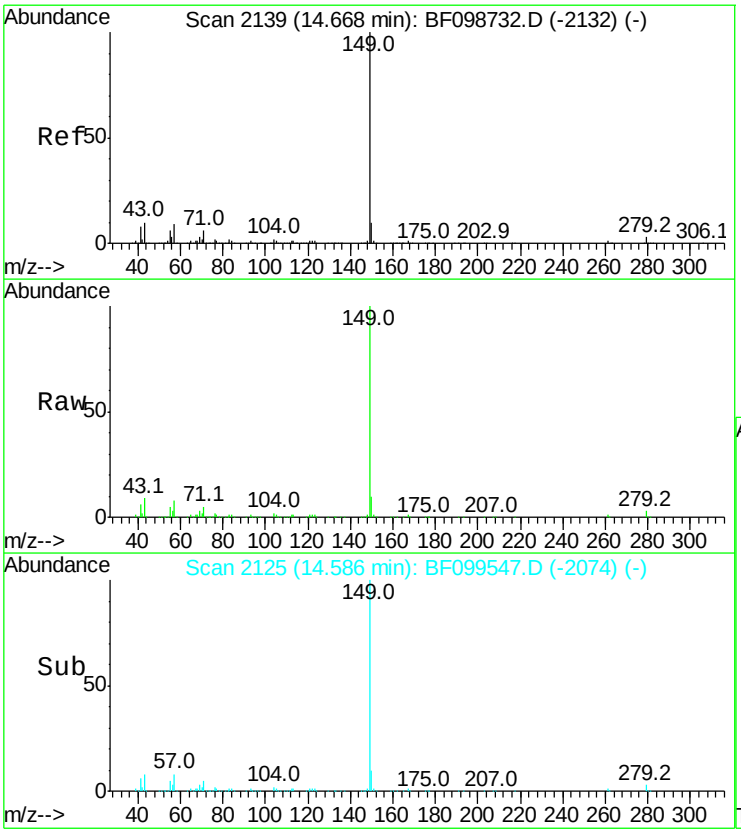
#83
Bis(2-ethylhexyl)phthalate
Concen: 30.349 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:149 Resp: 250907

Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.3	31.9
279	2.6	3.0	4.4#

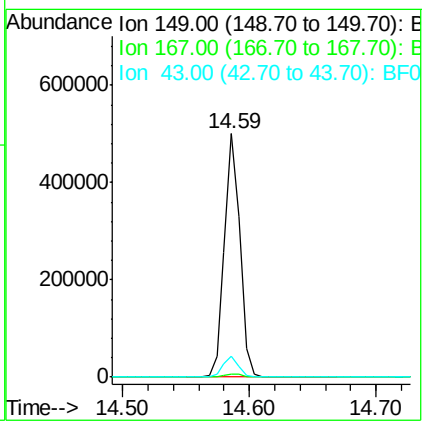


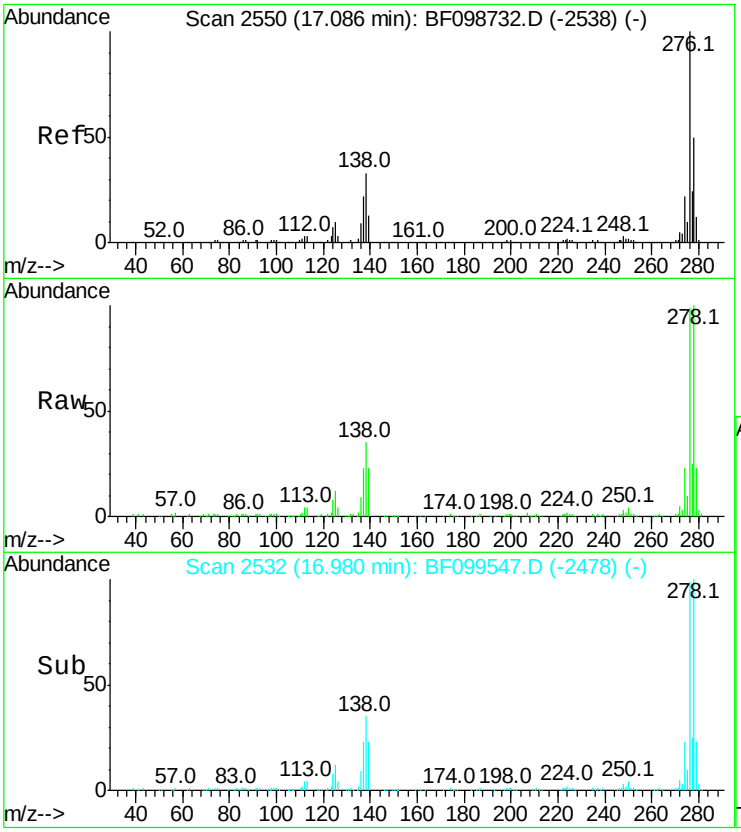


#84
Di-n-octyl phthalate
Concen: 31.905 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion:149 Resp: 424717

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.1	8.4	12.6#



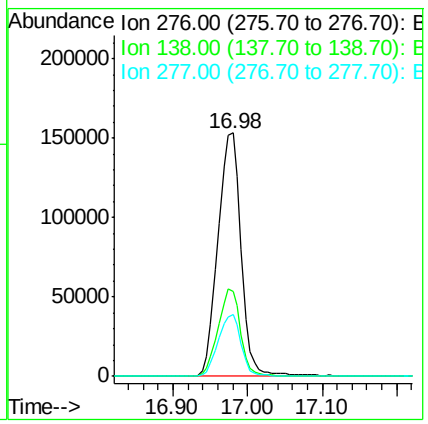


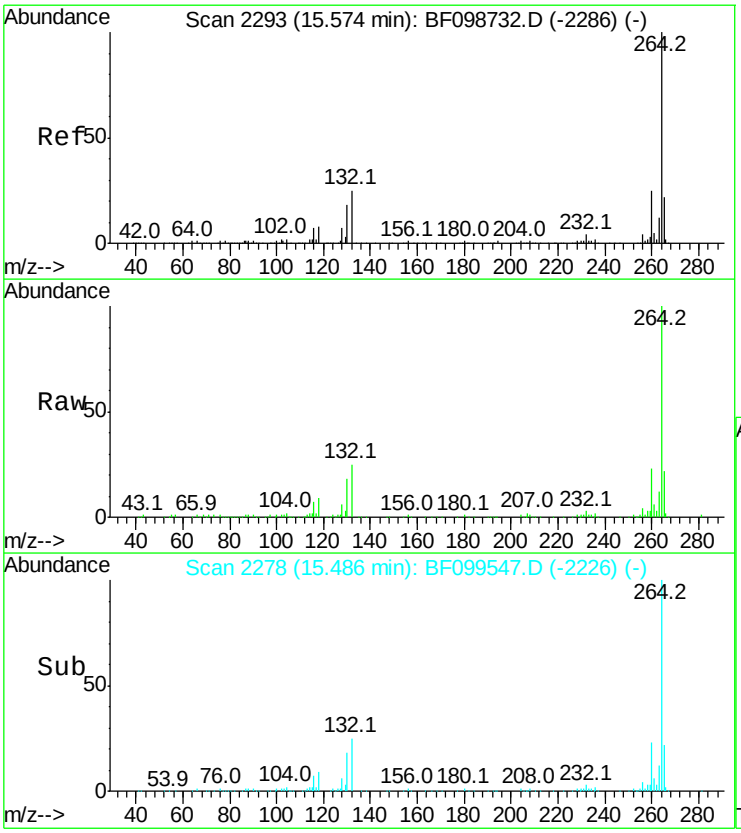
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.032 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.02 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:276 Resp: 332463

Ion	Ratio	Lower	Upper
276	100		
138	34.8	25.0	37.6
277	25.1	20.1	30.1

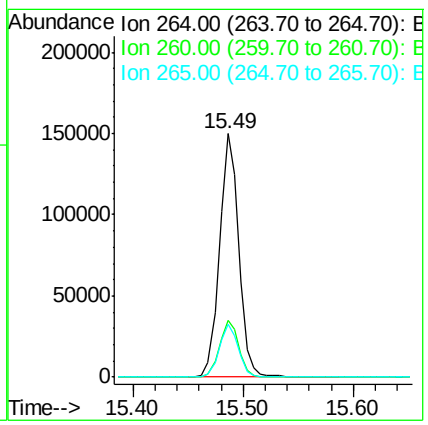


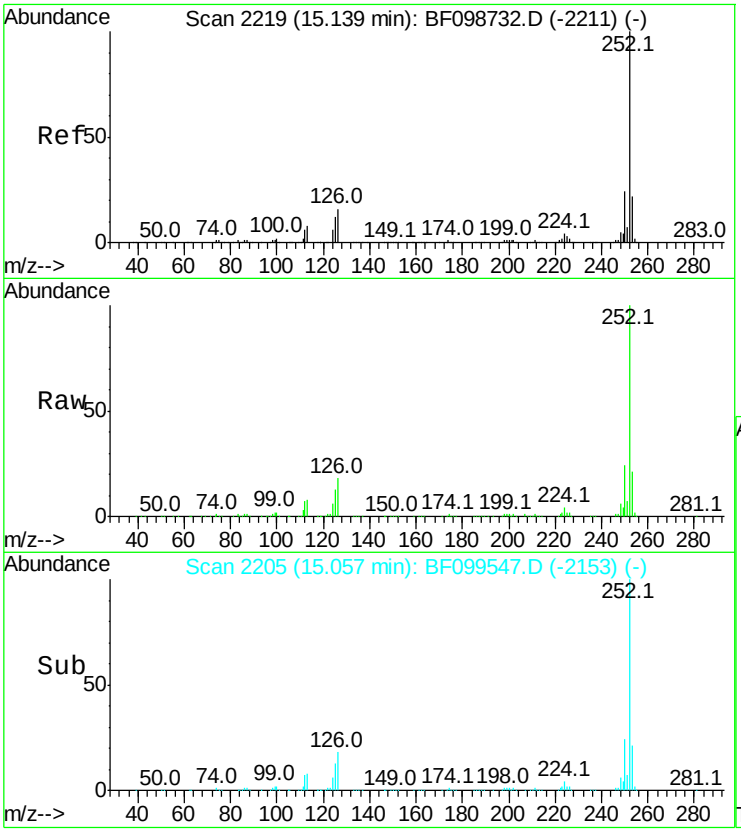


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion:264 Resp: 182615

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.6	17.5	26.3



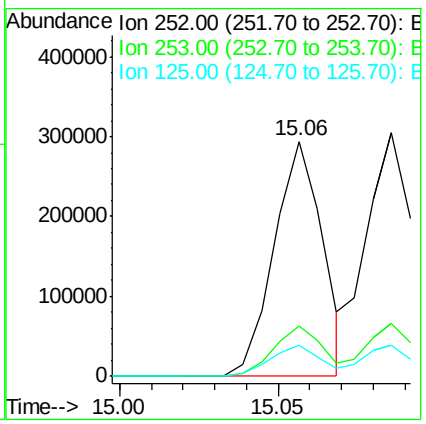


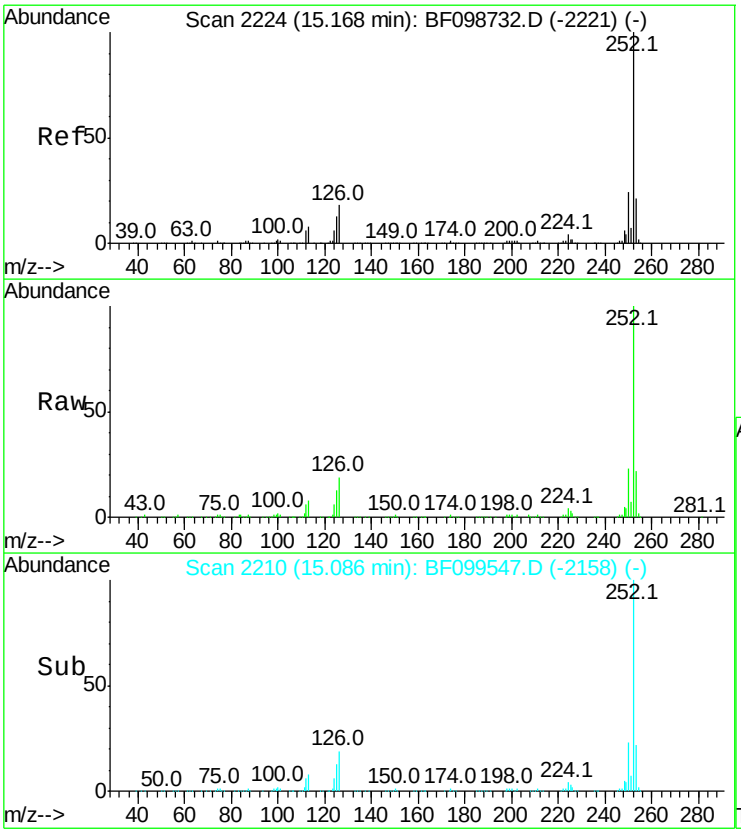
#87
Benzo(b)fluoranthene
Concen: 27.889 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:252 Resp: 313140

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.6
125	13.2	9.0	13.6

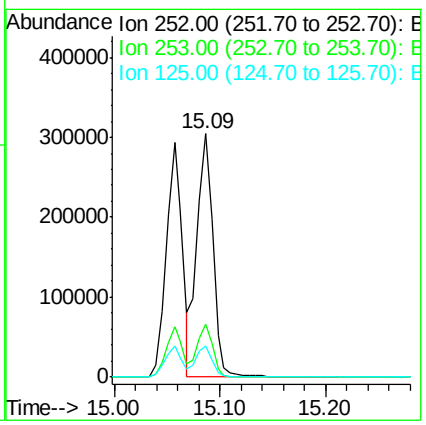


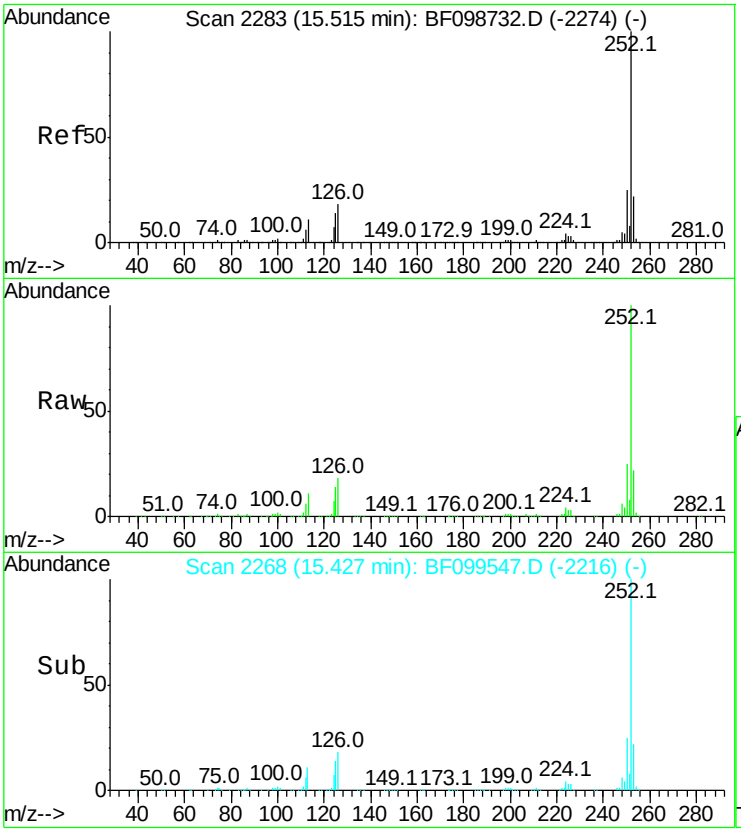


#88
Benzo(k)fluoranthene
Concen: 28.785 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion:252 Resp: 319221

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	12.8	10.2	15.2



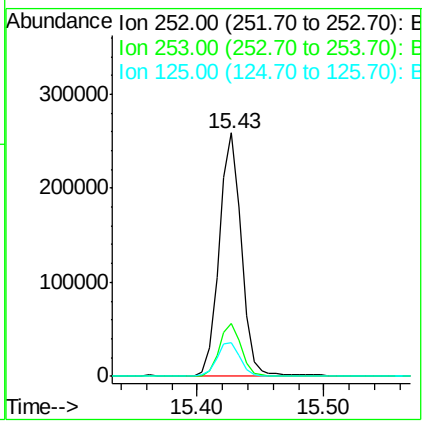


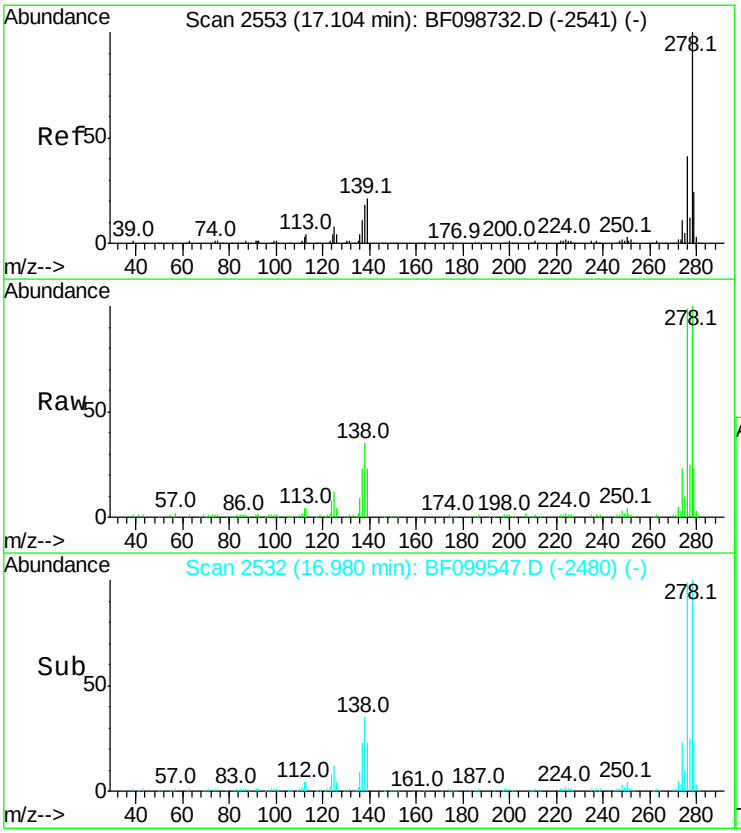
#89
Benzo(a)pyrene
Concen: 30.649 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:252 Resp: 315880

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	14.0	9.8	14.6

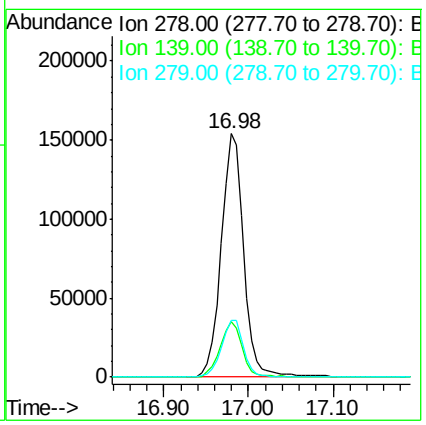


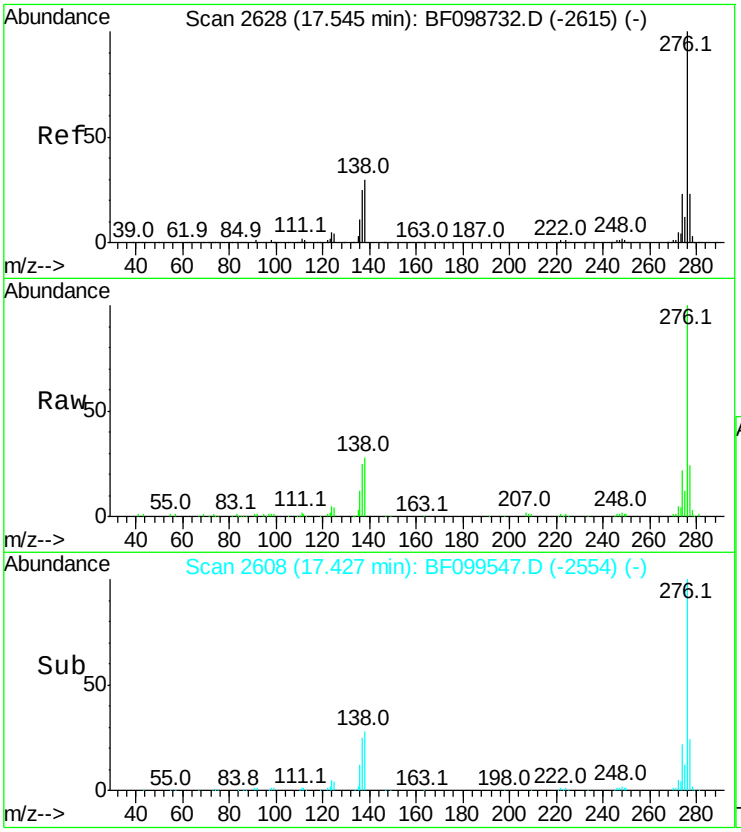


#90
Dibenzo(a,h)anthracene
Concen: 34.218 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Tgt Ion:278 Resp: 282234

Ion	Ratio	Lower	Upper
278	100		
139	22.7	15.9	23.9
279	23.3	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 32.715 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.02 min
Lab File: BF099547.D
Acq: 16 Oct 2017 16:31

Instrument :
BNA_F
ClientSampleId :
S1(1-3)MSD

Tgt Ion:276 Resp: 266729

Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	27.7	21.8	32.8