Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041119\
Data File : BF113724.D
Acq On : 11 Apr 2019 17:04
Operator : JU/SJ
Sample : K2203-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 12 01:00:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	122006	20.00	ng		-0.01
21) Naphthalene-d8	7.96	136	458735	20.00	ng		-0.01
39) Acenaphthene-d10	9.70	164	220797	20.00	ng		-0.02
64) Phenanthrene-d10	11.19	188	437618	20.00	ng		-0.02
76) Chrysene-d12	13.82	240	307715	20.00	ng		-0.02
87) Perylene-d12	15.23	264	304648	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	758647	106.03	ng		0.00
7) Phenol-d6	6.33	99	870985	98.77	ng		-0.01
23) Nitrobenzene-d5	7.24	82	677168	86.47	ng		-0.02
42) 2,4,6-Tribromophenol	10.50	330	348132	131.26	ng		-0.02
45) 2-Fluorobiphenyl	9.03	172	1297048	94.57	ng		-0.02
79) Terphenyl-d14	12.77	244	1340358	88.69	ng		-0.02
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	2.94	42	128	0.034	ng	#	1
6) Aniline	6.45	93	1124	0.105	ng	#	1
9) Benzaldehyde	6.33	77	776	0.148	ng	#	1
10) Phenol	6.45	94	1606	0.159	ng	#	1
11) bis(2-Chloroethyl)ether	6.45	93	1124	0.143	ng	#	1
15) Benzyl Alcohol	6.83	79	9569	1.605	ng	#	45
16) 2,2'-oxybis(1-Chloropropan	6.95	45	118	0.010	ng		63
18) Hexachloroethane	7.24	117	125	0.038	ng	#	1
19) n-Nitroso-di-n-propylamine	7.24	70	87336	16.061	ng	#	76
22) Acetophenone	7.12	105	673	0.067	ng	#	59
24) Nitrobenzene	7.24	77	1673	0.207	ng	#	36
25) Isophorone	7.24	82	677163	44.886	ng	#	64
31) Naphthalene	7.98	128	2206	0.099	ng	#	68
37) 2-Methylnaphthalene	8.69	142	1280	0.088	ng		99
38) 1-Methylnaphthalene	8.78	142	1339	0.095	ng	#	99
46) 1,1'-Biphenyl	9.13	154	2280	0.125	ng		90
48) 2-Nitroaniline	9.03	65	1768	0.419	ng	#	1
49) Acenaphthylene	9.57	152	270	0.012	ng	#	60
50) Dimethylphthalate	9.70	163	50460	3.100	ng	#	1
51) 2,6-Dinitrotoluene	9.70	165	27532	7.674	ng	#	26
52) Acenaphthene	9.74	154	4075	0.317	ng		97
55) Dibenzofuran	9.93	168	2878	0.153	ng	#	81
56) 4-Nitrophenol	9.93	139	671	0.265	ng	#	7
57) 2,4-Dinitrotoluene	9.70	165	27532	6.345	ng	#	23
58) Fluorene	10.26	166	4762	0.320	ng	#	98
60) Diethylphthalate	10.13	149	634	0.040	ng	#	59
63) Azobenzene	10.49	77	1157	0.078	ng	#	5
65) 4,6-Dinitro-2-methylphenol	10.49	198	372	0.161	ng	#	1
66) n-Nitrosodiphenylamine	10.49	169	9113	0.678	ng	#	42
67) 4-Bromophenyl-phenylether	10.49	248	19303	3.933	ng	#	1
71) Phenanthrene	11.21	178	27169	1.249	ng		97
72) Anthracene	11.21	178	27169	1.228	ng		98
73) Carbazole	11.45	167	9449	0.457	ng	#	95
74) Di-n-butylphthalate	11.75	149	2458	0.100	ng	#	78

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041119\
Data File : BF113724.D
Acq On : 11 Apr 2019 17:04
Operator : JU/SJ
Sample : K2203-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 12 01:00:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
75) Fluoranthene	12.41	202	8413	0.361	ng		97
77) Benzidine	12.77	184	15535	1.358	ng		97
78) Pyrene	12.64	202	5371	0.229	ng		99
81) Benzo(a)anthracene	13.82	228	1502	0.085	ng	#	51
83) Chrysene	13.82	228	1502	0.083	ng	#	49
84) Bis(2-ethylhexyl)phthalate	13.80	149	590	0.051	ng	#	52
88) Benzo(b)fluoranthene	14.86	252	121	0.006	ng	#	59
89) Benzo(k)fluoranthene	14.86	252	121	0.007	ng	#	60
90) Benzo(a)pyrene	15.23	252	664	0.040	ng	#	1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041119\
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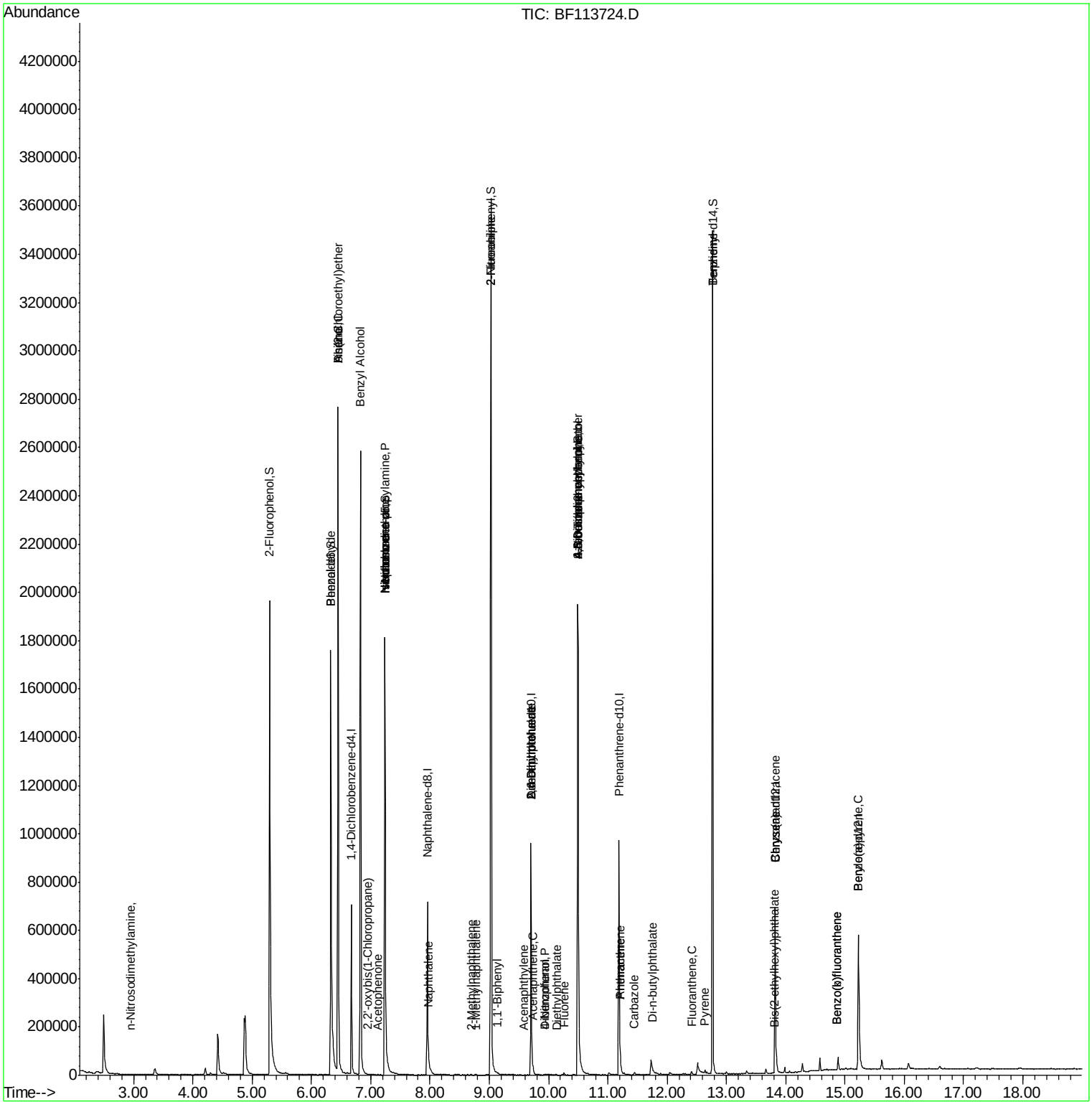
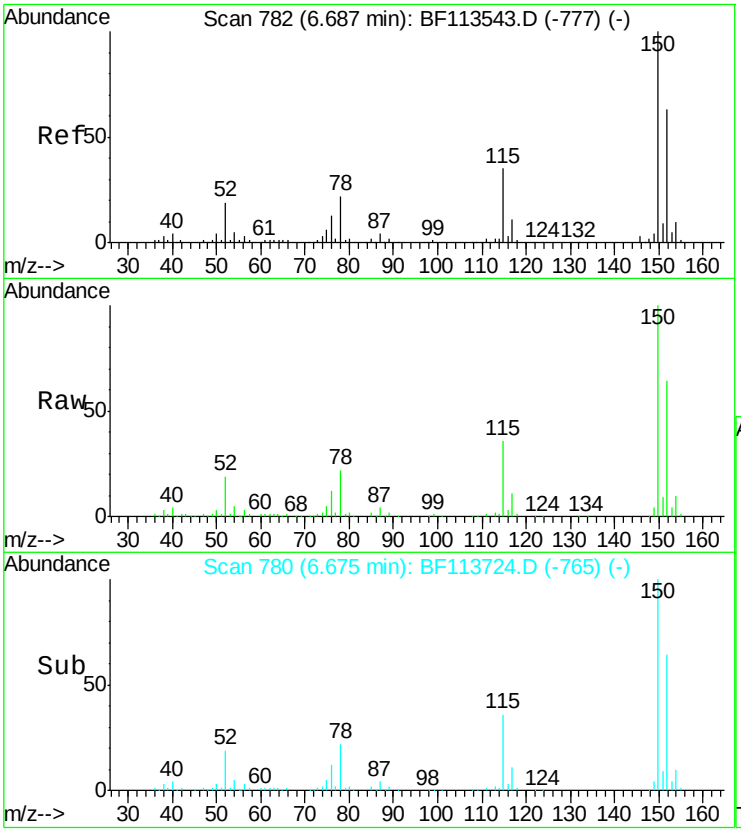


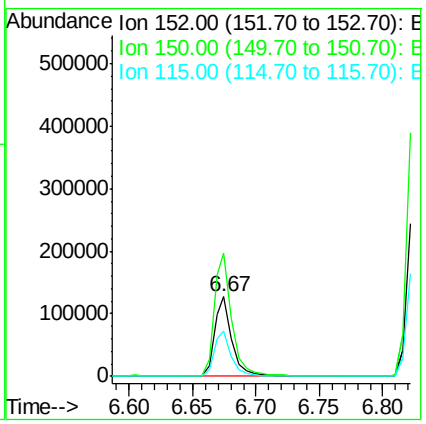


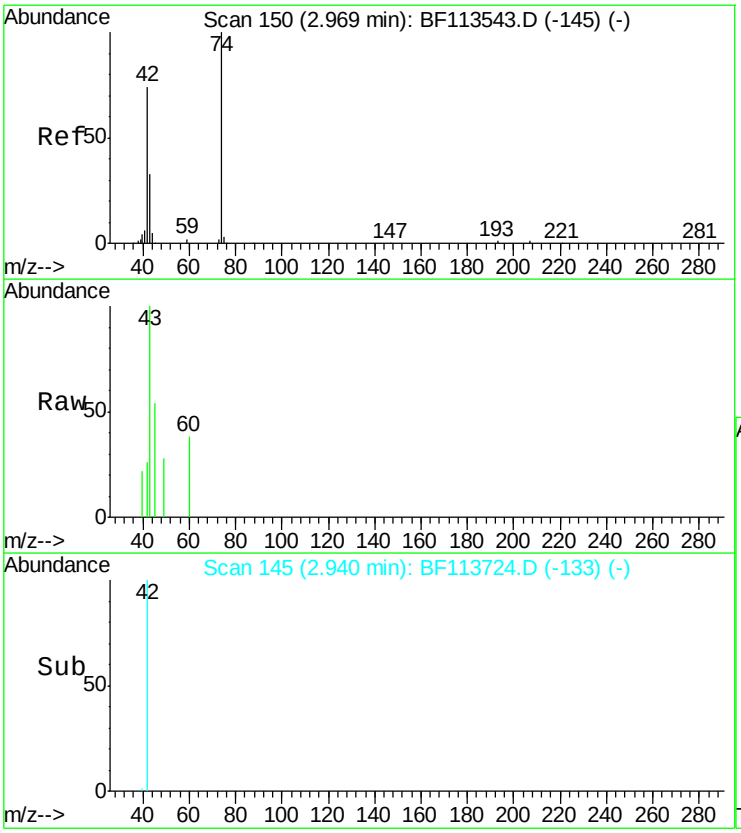
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 122006

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.7	187.1
115	56.5	46.0	69.0

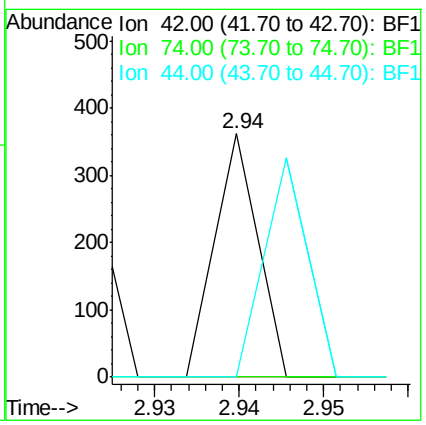


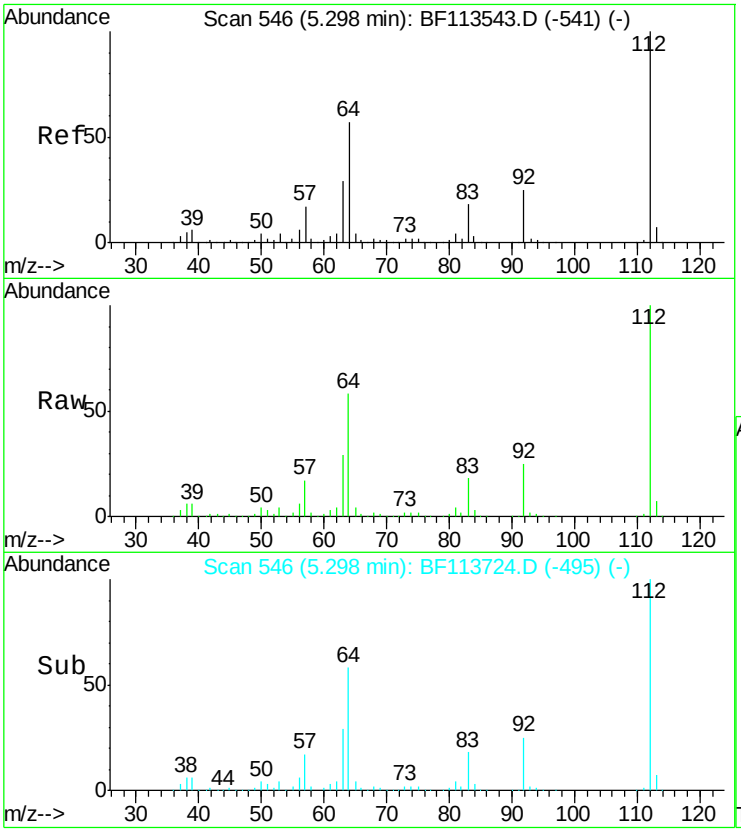


#4
n-Nitrosodimethylamine
Concen: 0.034 ng
RT: 2.94 min Scan# 145
Delta R.T. -0.03 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Tgt Ion: 42 Resp: 128

Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.4	153.6#
44	0.0	5.5	8.3#



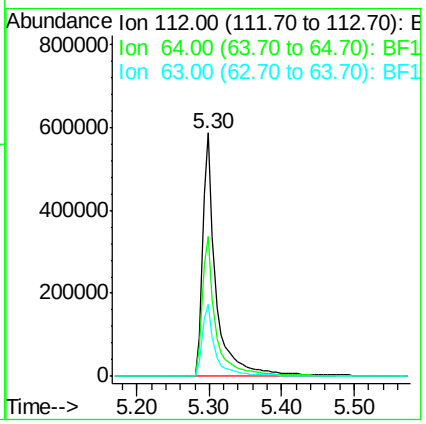


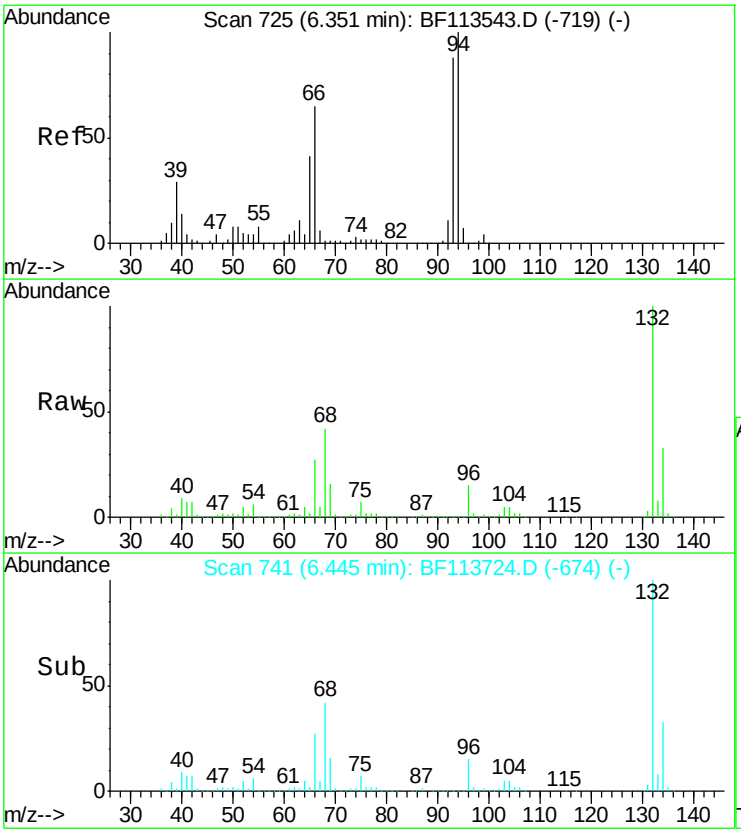
#5
2-Fluorophenol
Concen: 106.033 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 758647

Ion	Ratio	Lower	Upper
112	100		
64	57.6	49.2	73.8
63	29.5	24.9	37.3

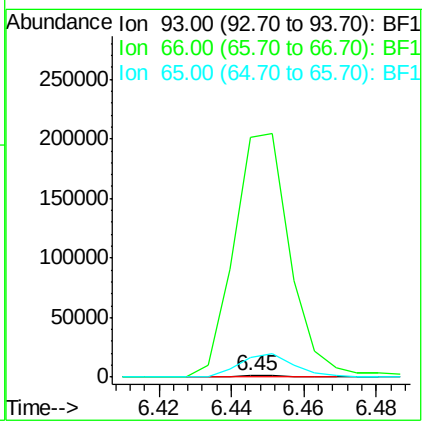


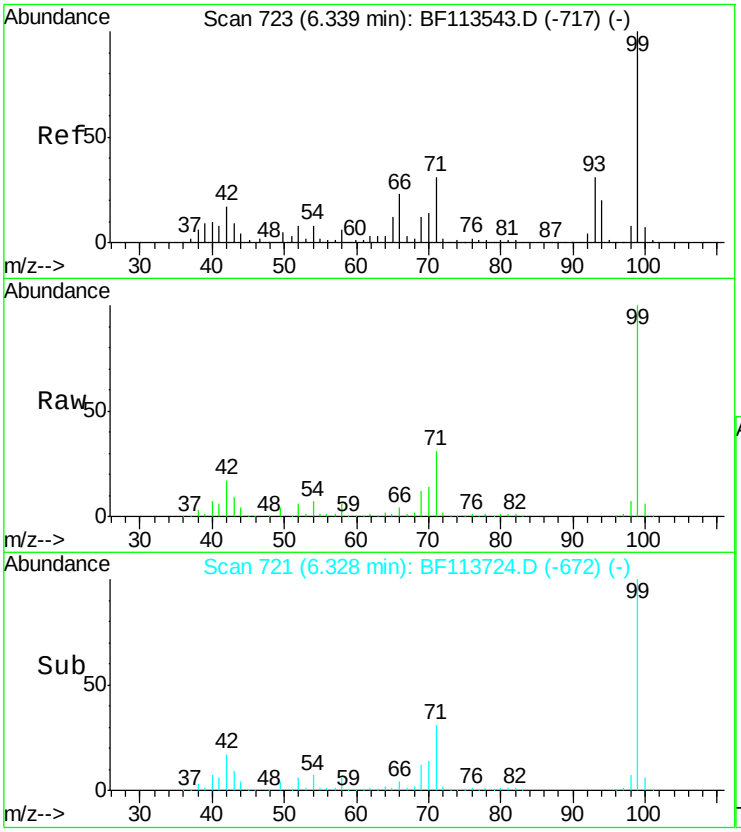


#6
Aniline
Concen: 0.105 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.09 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Tgt Ion: 93 Resp: 1124

Ion	Ratio	Lower	Upper
93	100		
66	16893.2	62.1	93.1#
65	1362.8	38.7	58.1#



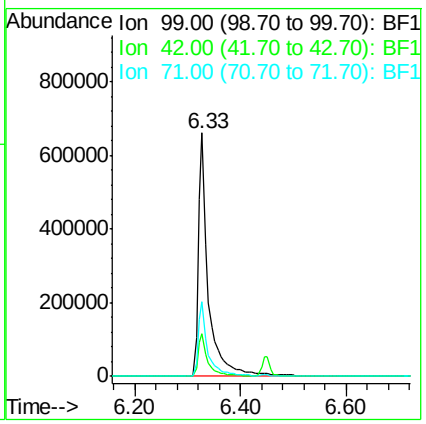


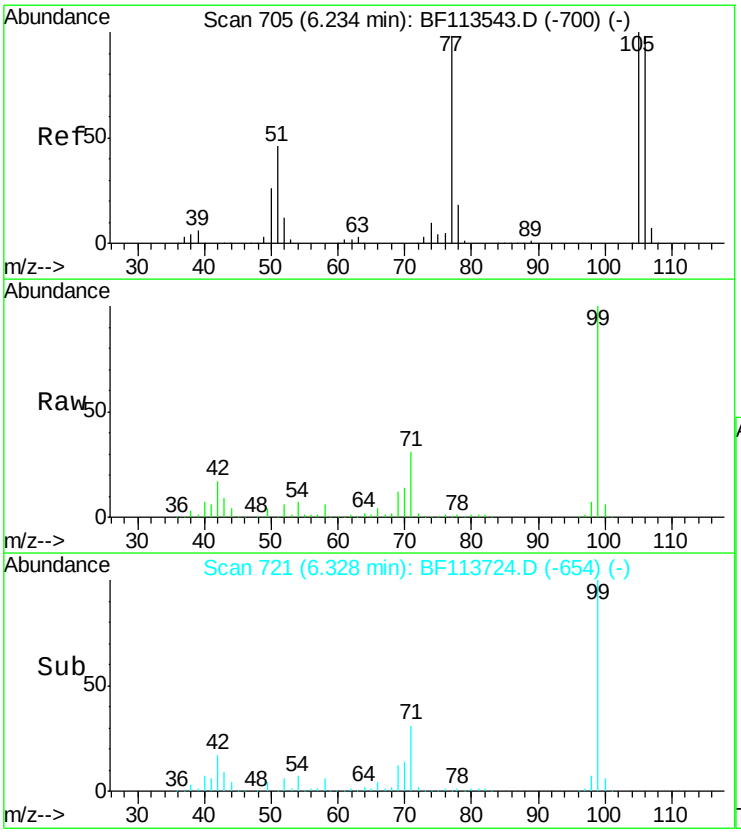
#7
Phenol-d6
Concen: 98.770 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 870985

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.8	22.2
71	30.6	24.9	37.3

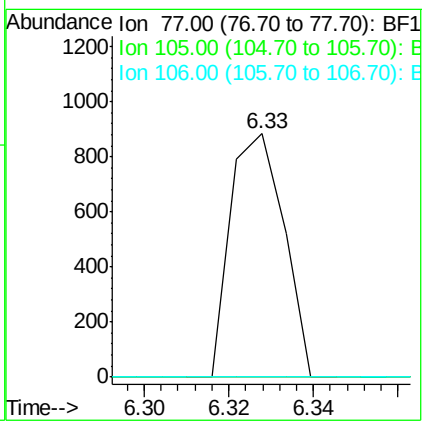


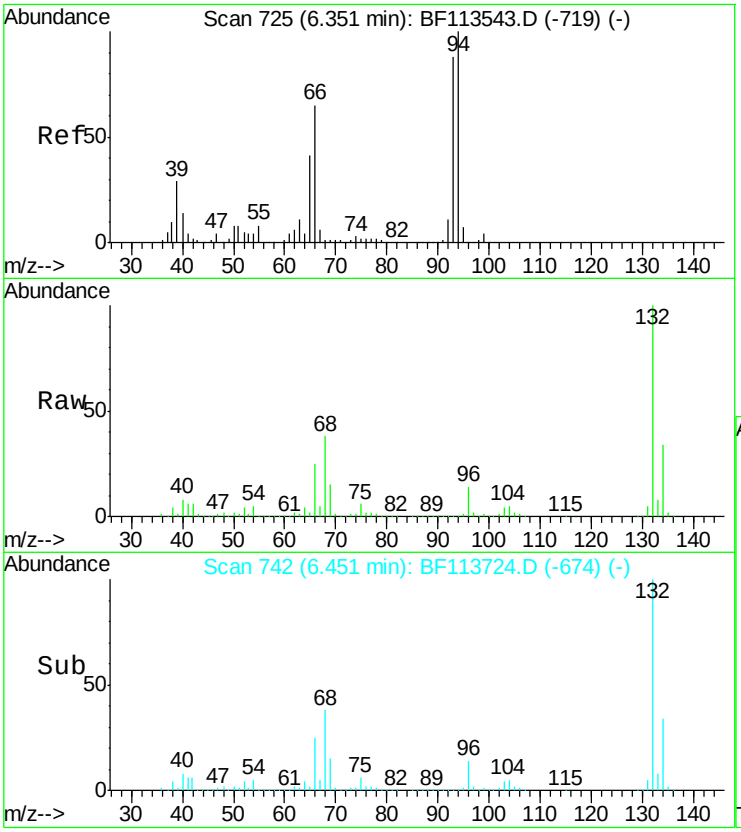


#9
Benzaldehyde
Concen: 0.148 ng
RT: 6.33 min Scan# 721
Delta R.T. 0.09 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Tgt Ion: 77 Resp: 776

Ion	Ratio	Lower	Upper
77	100		
105	0.0	80.9	120.9#
106	0.0	77.8	117.8#



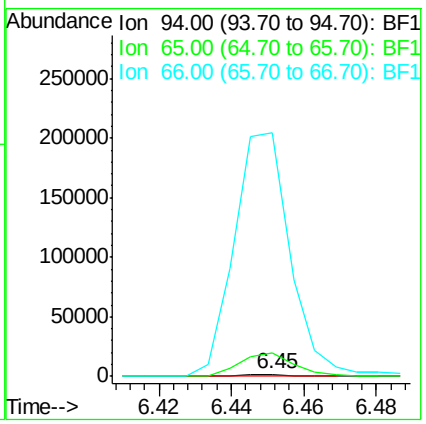


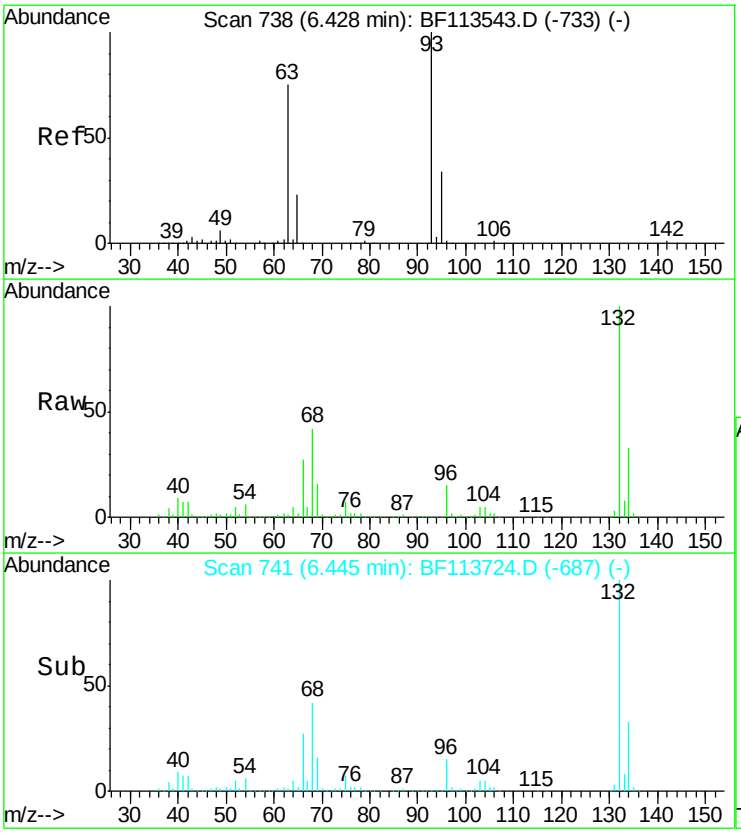
#10
Phenol
Concen: 0.159 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.10 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 1606

Ion	Ratio	Lower	Upper
94	100		
65	1203.2	21.4	61.4#
66	12614.4	46.4	86.4#

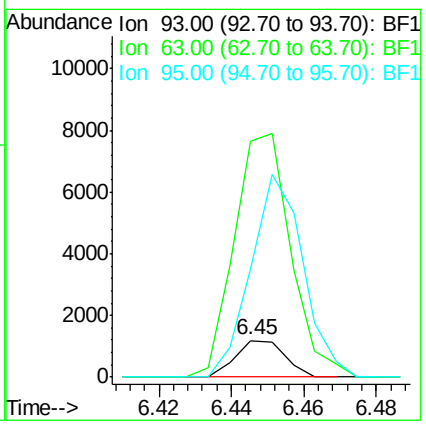


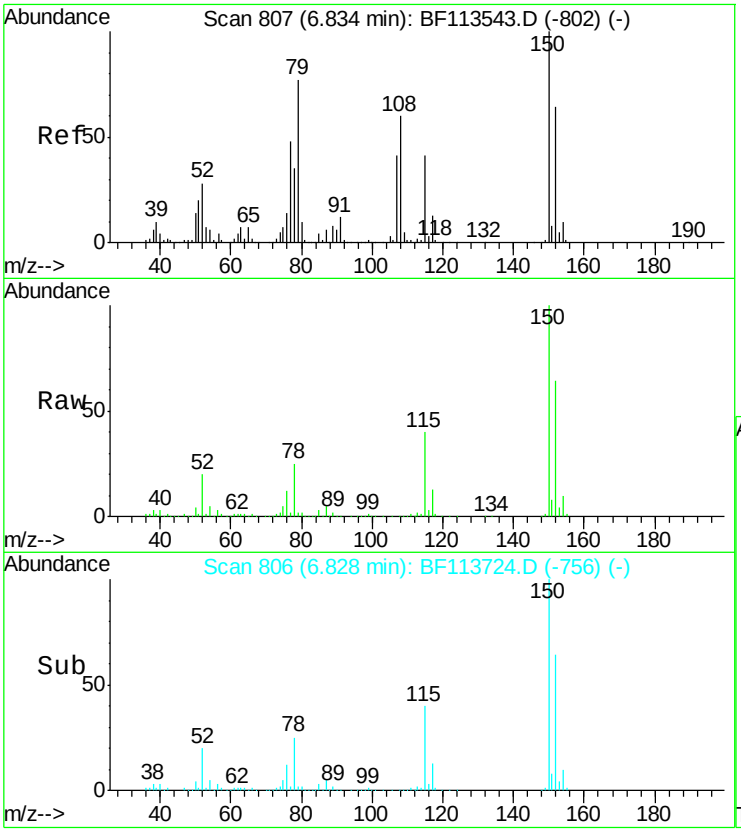


#11
bis(2-Chloroethyl)ether
Concen: 0.143 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.02 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Tgt Ion: 93 Resp: 1124

Ion	Ratio	Lower	Upper
93	100		
63	642.2	56.1	96.1#
95	294.0	12.8	52.8#



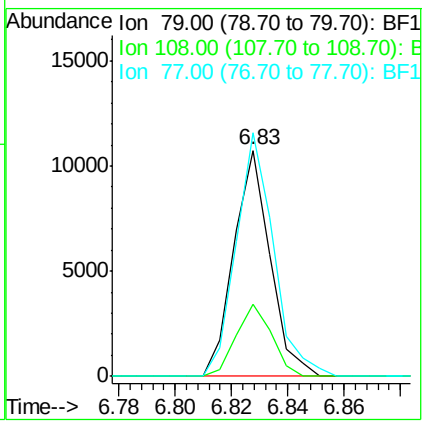


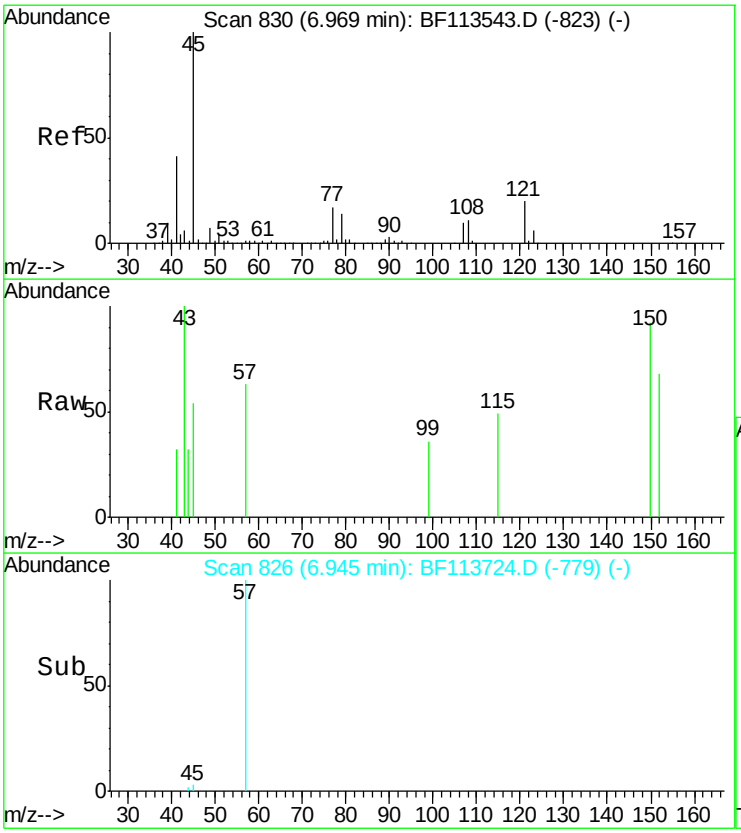
#15
Benzyl Alcohol
Concen: 1.605 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 9569

Ion	Ratio	Lower	Upper
79	100		
108	31.8	62.0	93.0#
77	107.7	49.9	74.9#

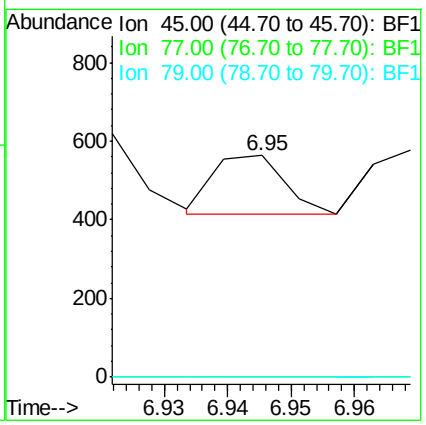


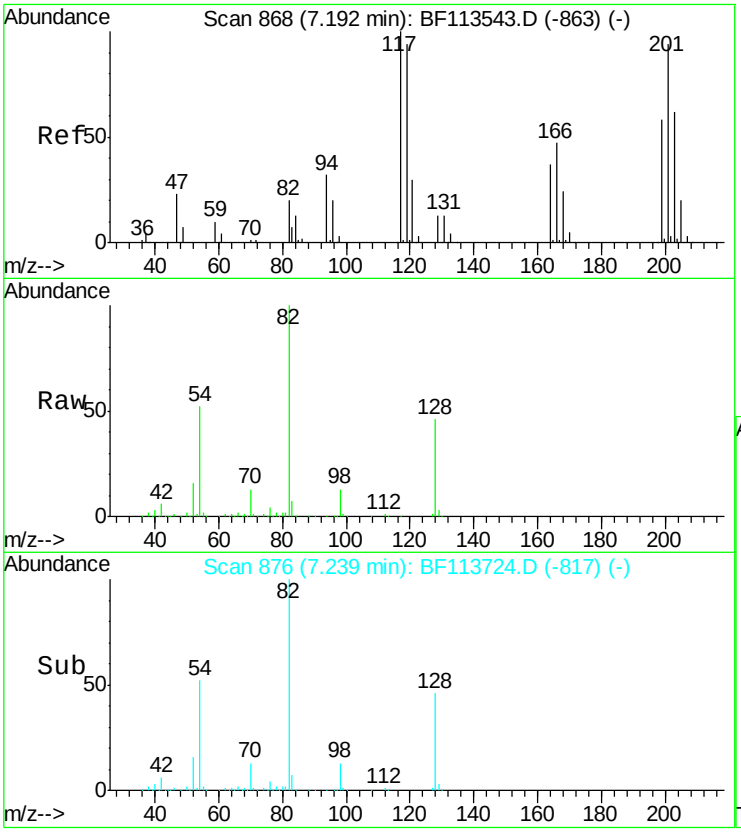


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.010 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.02 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Tgt Ion: 45 Resp: 118

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	36.6
79	0.0	0.0	34.0



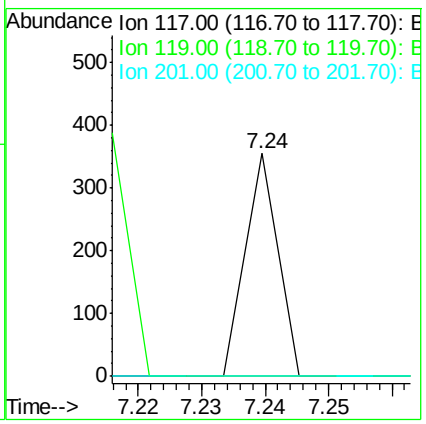


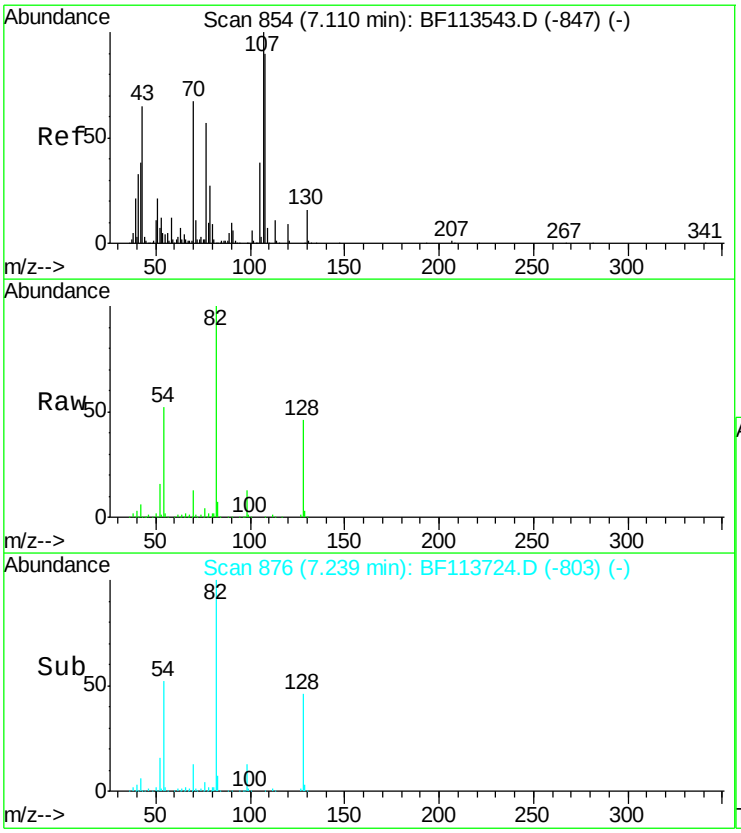
#18
Hexachloroethane
Concen: 0.038 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.05 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 125

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.9	115.3#
201	0.0	78.7	118.1#

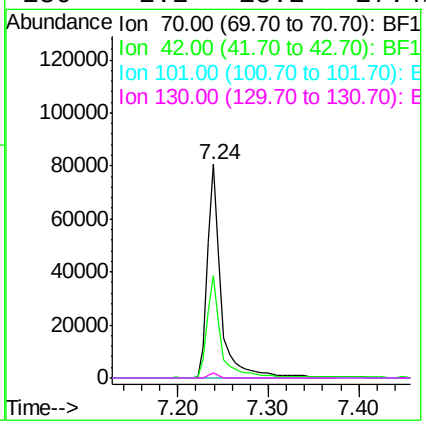


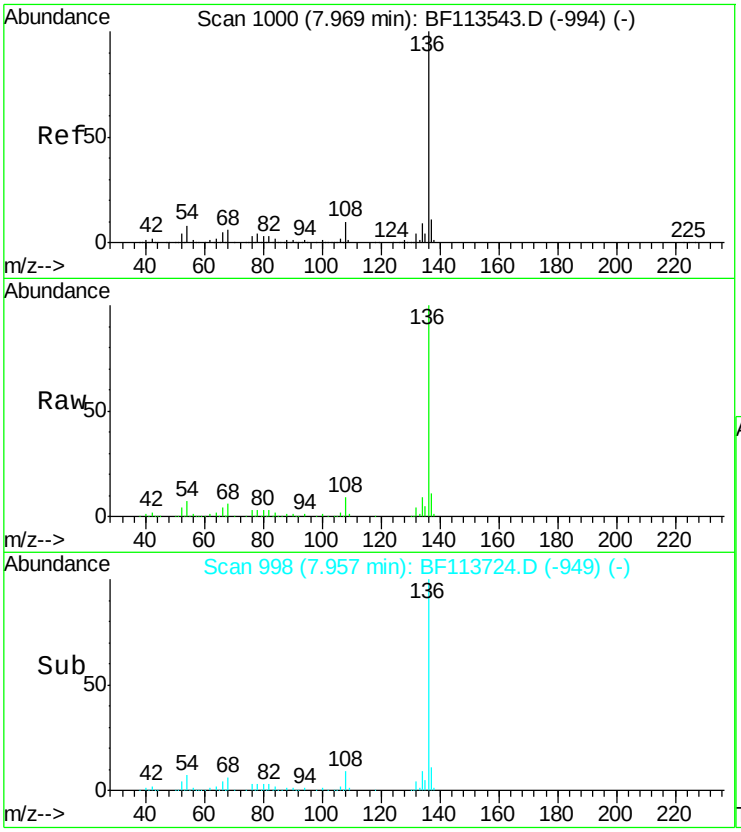


#19
n-Nitroso-di-n-propylamine
Concen: 16.061 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.13 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Tgt Ion: 70 Resp: 87336

Ion	Ratio	Lower	Upper
70	100		
42	48.2	48.4	72.6#
101	0.0	7.8	11.8#
130	2.2	18.2	27.4#



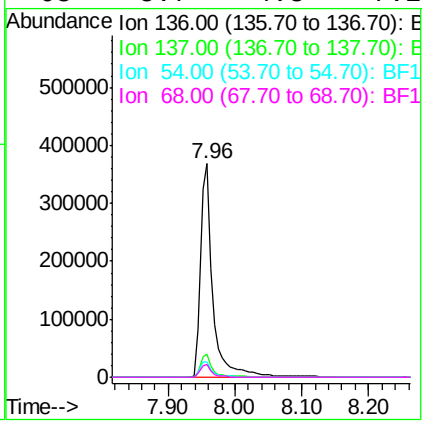


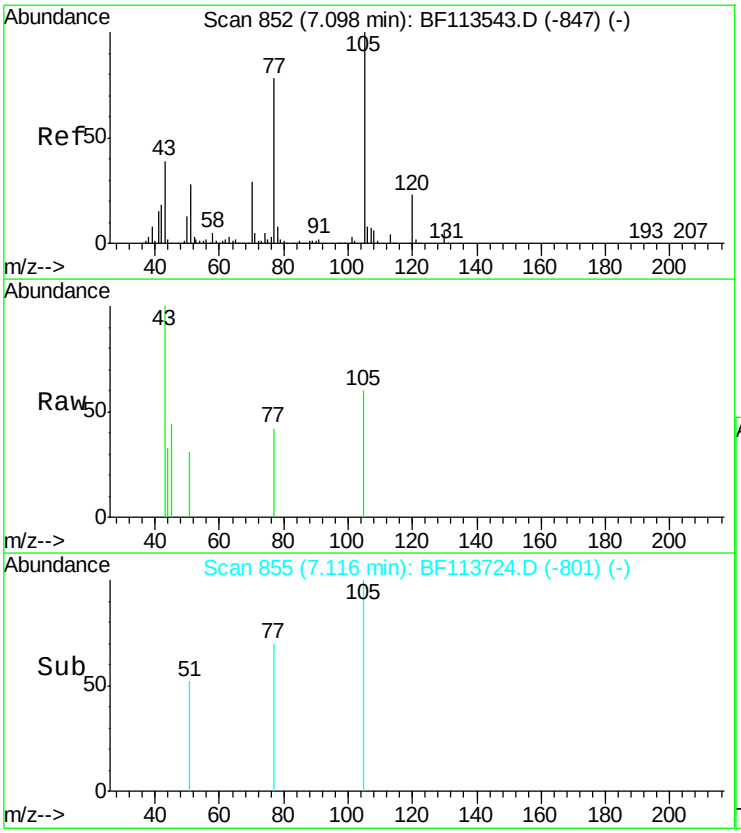
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 458735

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.5	7.0	10.6
68	5.7	4.8	7.2

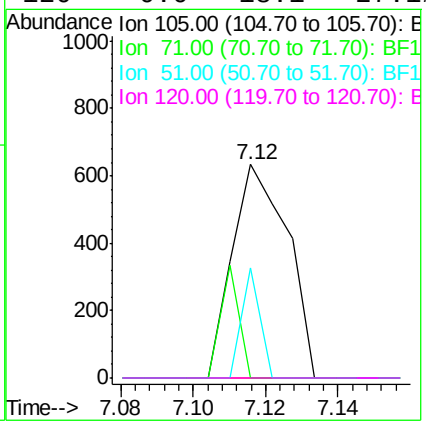


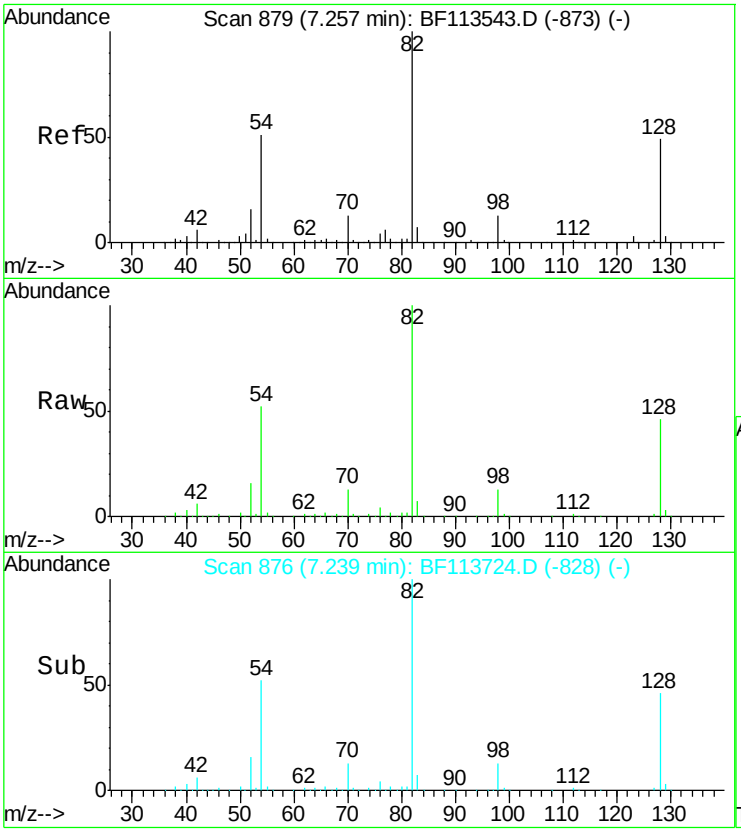


#22
Acetophenone
Concen: 0.067 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.02 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Tgt Ion:105 Resp: 673

Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.3	4.9#
51	51.7	24.2	36.2#
120	0.0	18.1	27.1#



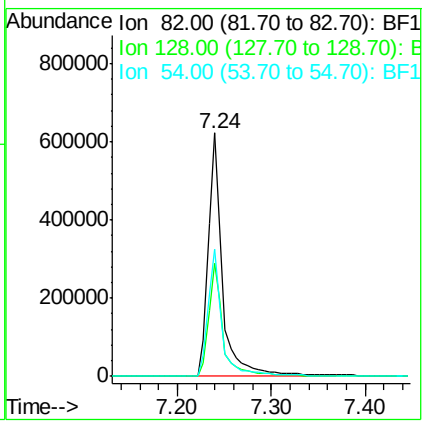


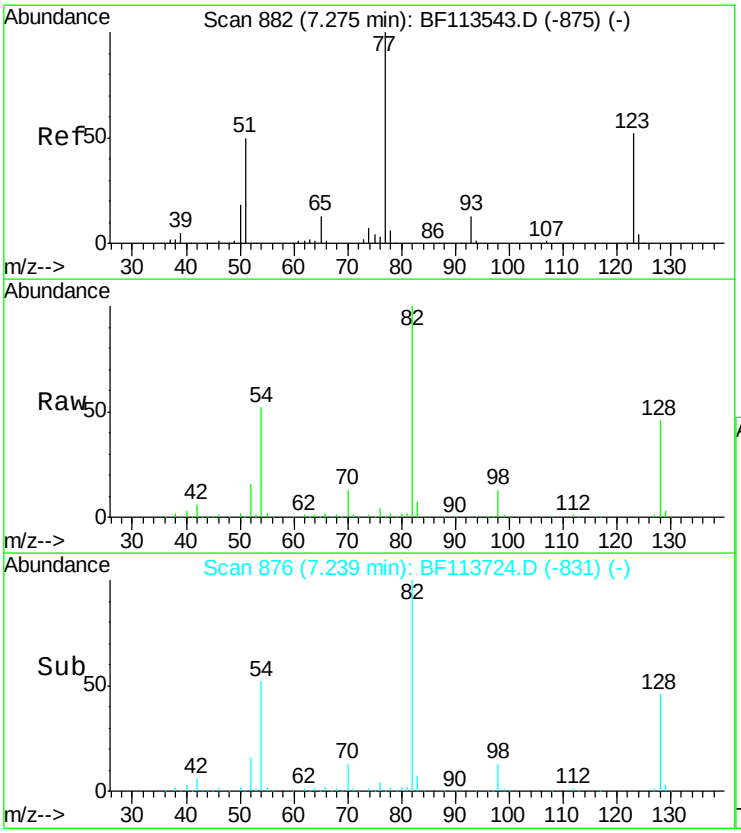
#23
Nitrobenzene-d5
Concen: 86.467 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 677168

Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.5	54.7
54	52.1	42.2	63.2

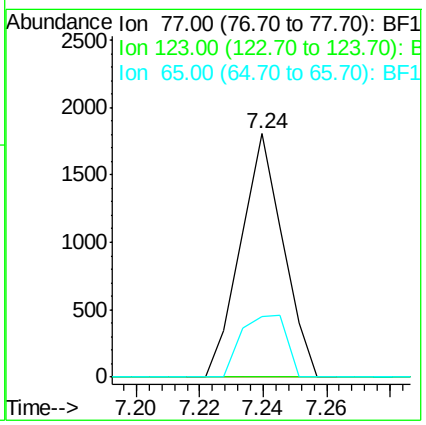


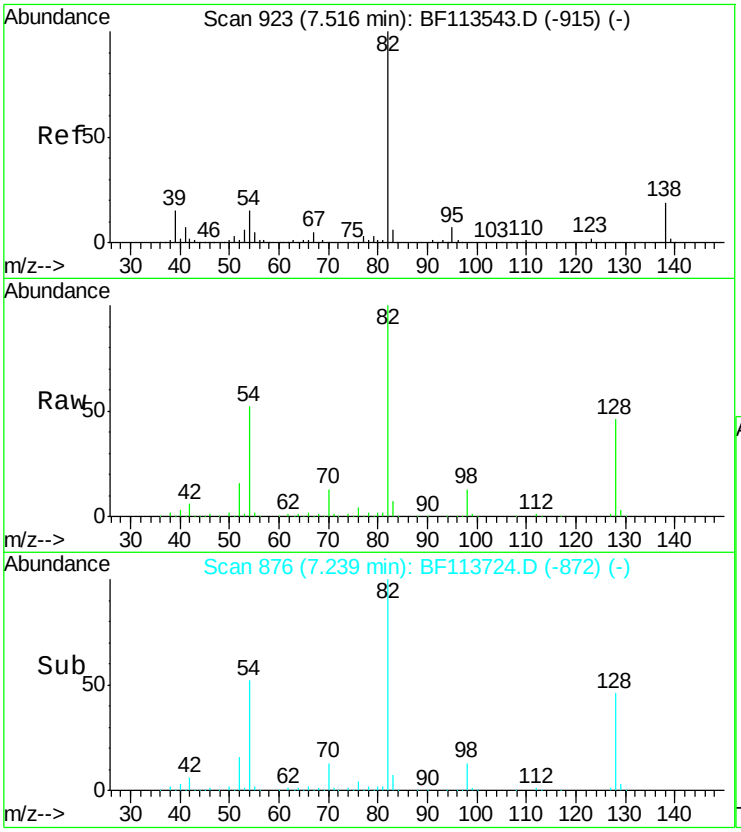


#24
Nitrobenzene
Concen: 0.207 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.04 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Tgt Ion: 77 Resp: 1673

Ion	Ratio	Lower	Upper
77	100		
123	0.0	40.8	61.2#
65	24.7	10.6	16.0#



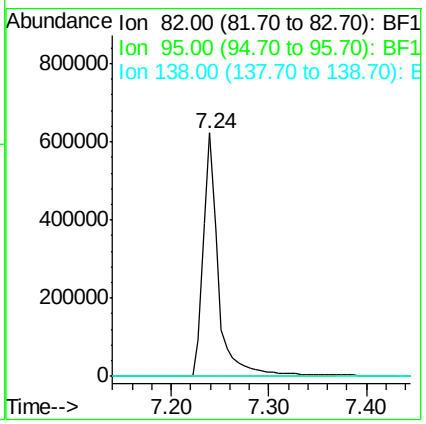


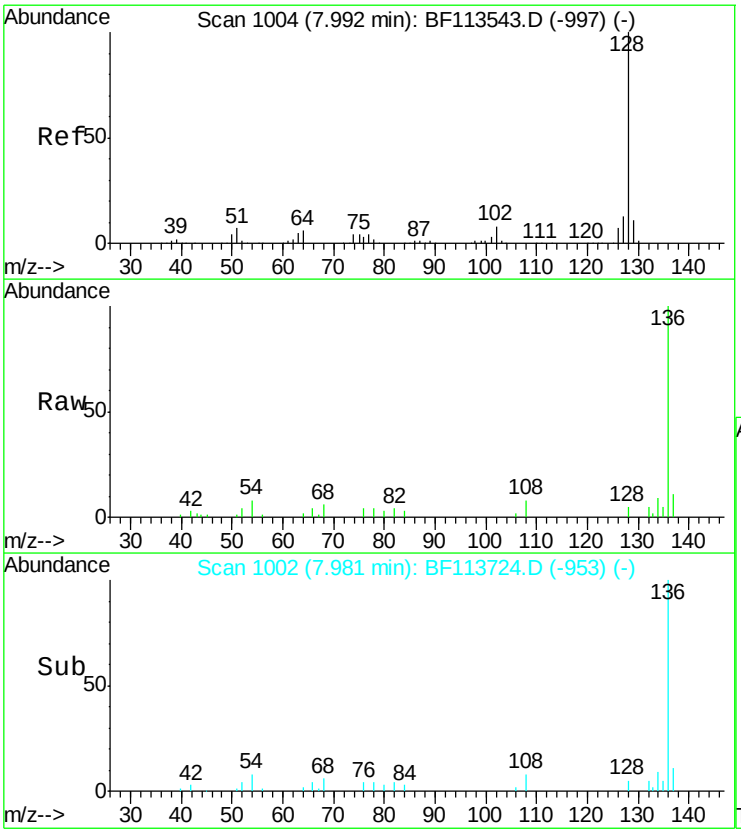
#25
Isophorone
Concen: 44.886 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.28 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 677163

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	15.2	22.8#

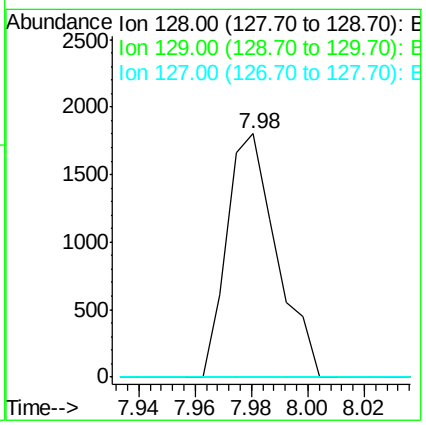


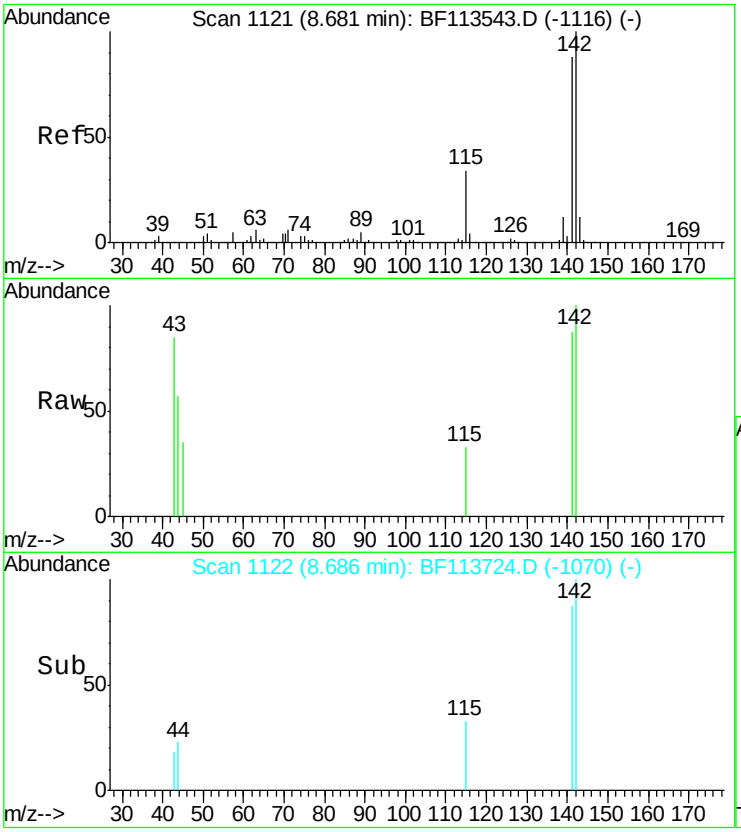


#31
Naphthalene
Concen: 0.099 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Tgt Ion:128 Resp: 2206

Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.3	13.9#
127	0.0	10.9	16.3#



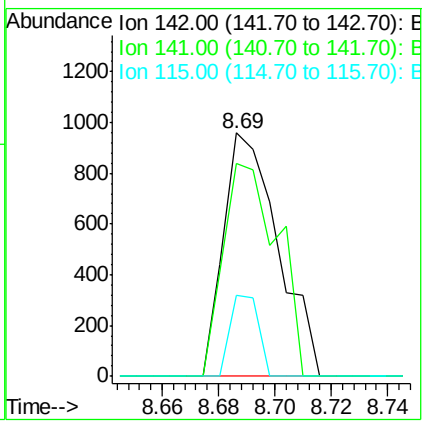


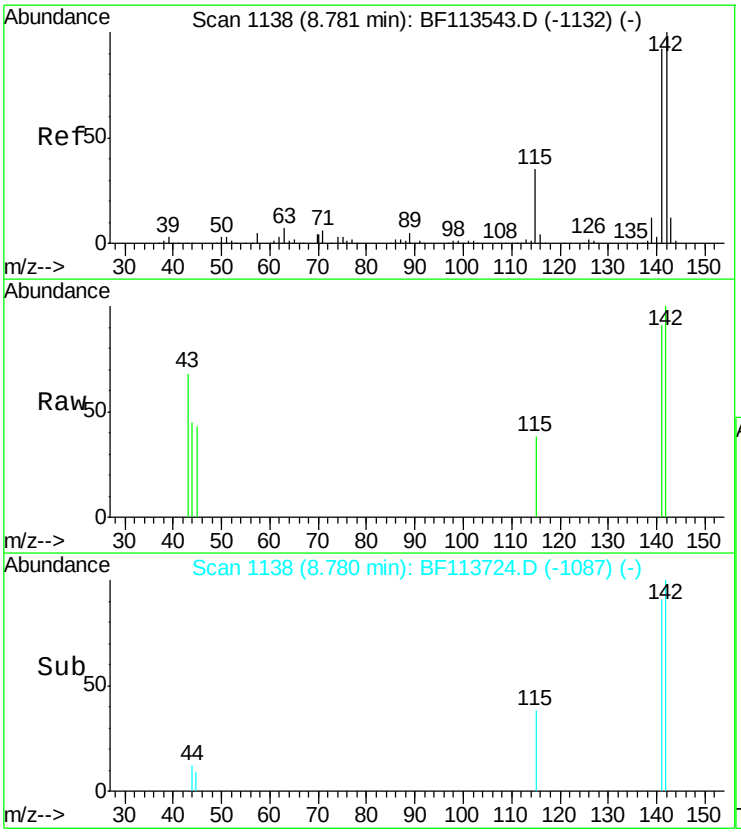
#37
2-Methylnaphthalene
Concen: 0.088 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 1280

Ion	Ratio	Lower	Upper
142	100		
141	87.3	71.0	106.6
115	33.4	26.6	39.8

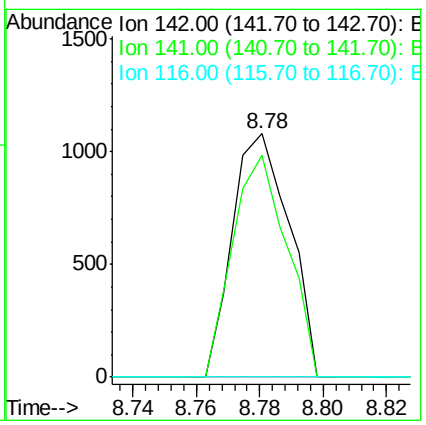


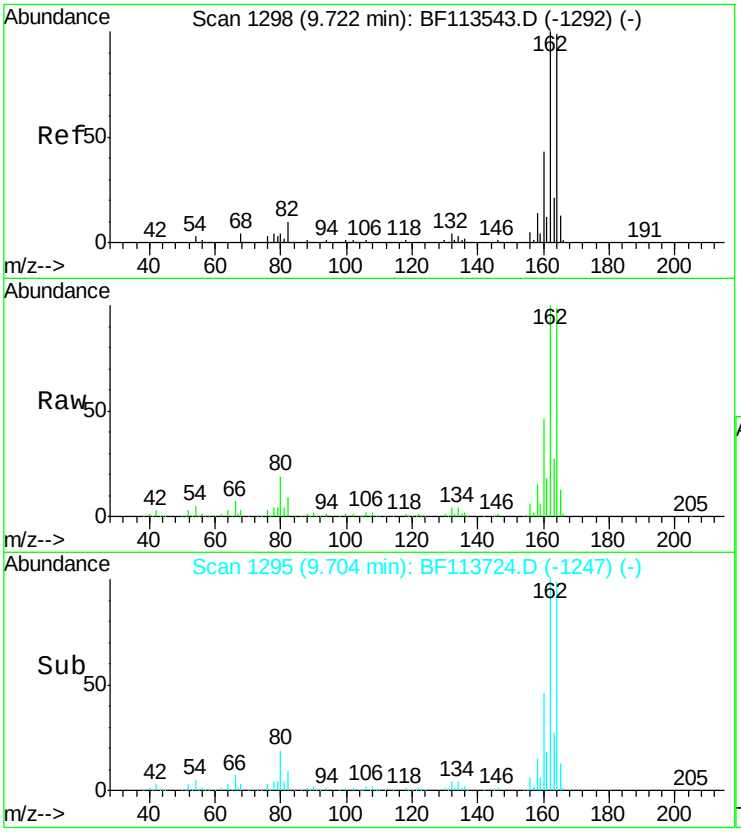


#38
1-Methylnaphthalene
Concen: 0.095 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Tgt Ion:142 Resp: 1339

Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.2	109.8
116	0.0	3.0	4.4#



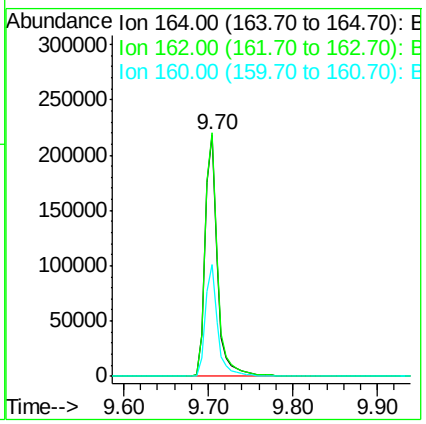


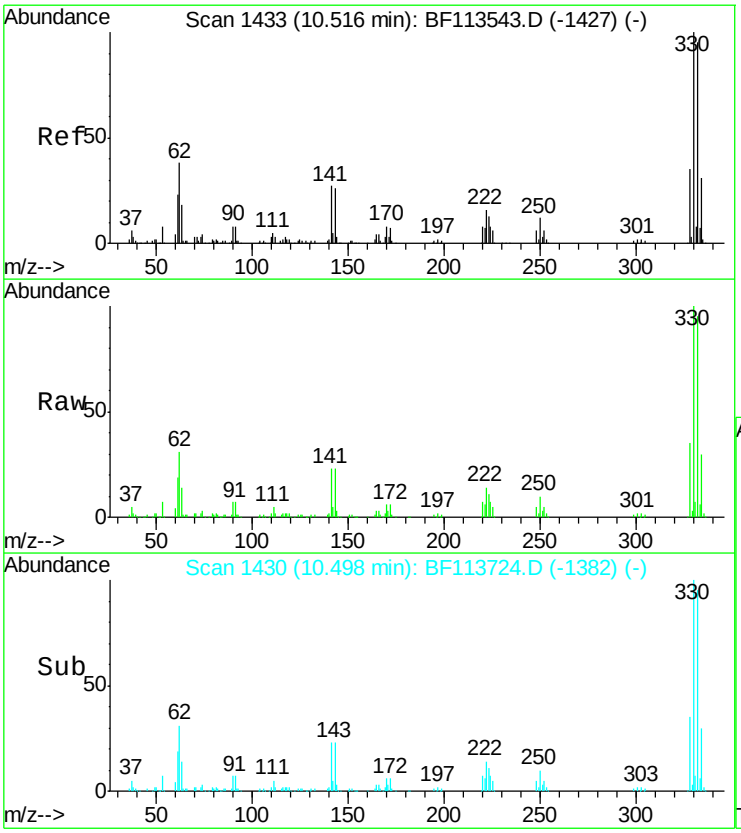
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 220797

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.8	122.6
160	46.3	36.4	54.6

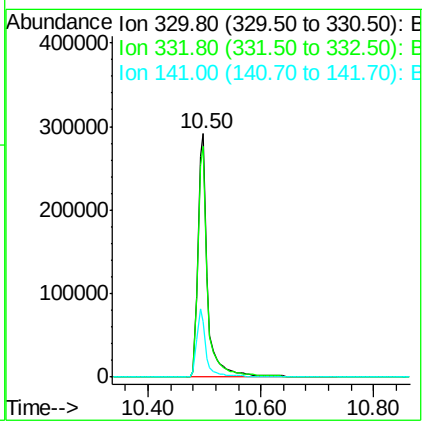


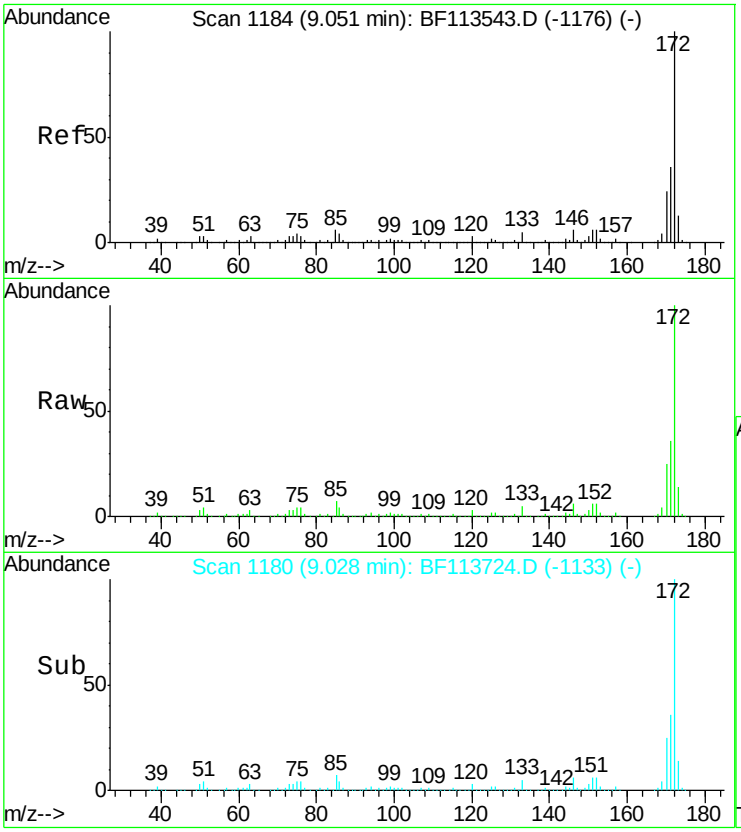


#42
2,4,6-Tribromophenol
Concen: 131.256 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Tgt Ion:330 Resp: 348132

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.8	116.6
141	27.4	22.7	34.1



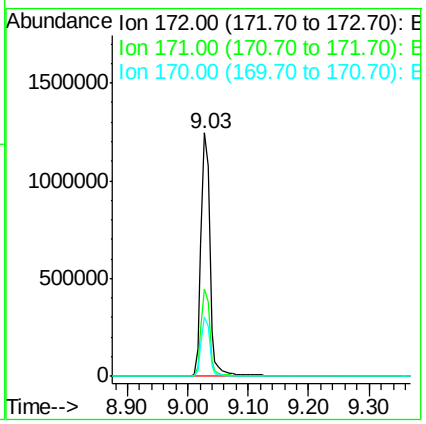


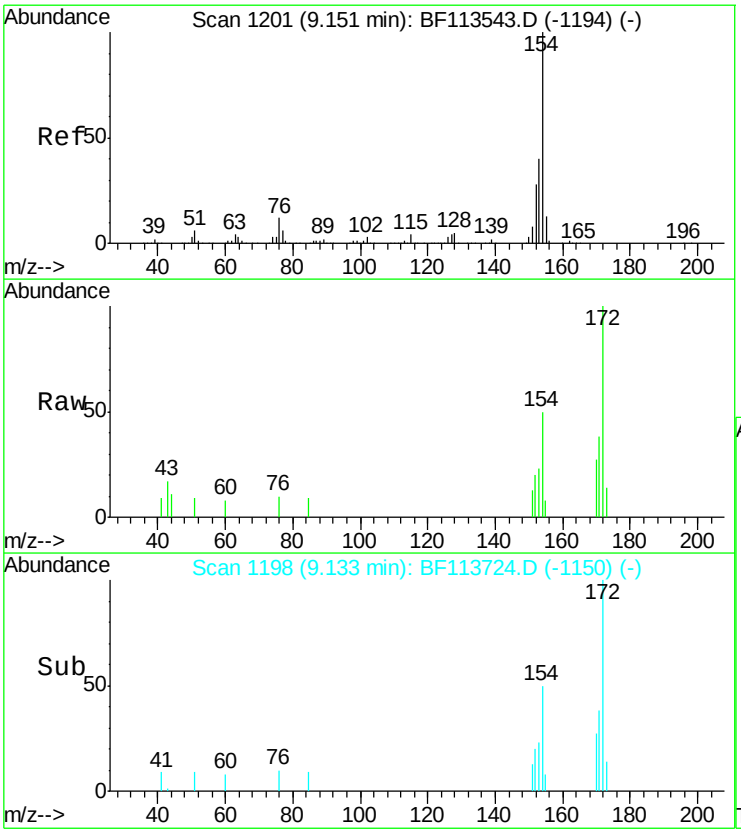
#45
2-Fluorobiphenyl
Concen: 94.571 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1297048

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.6	19.5	29.3

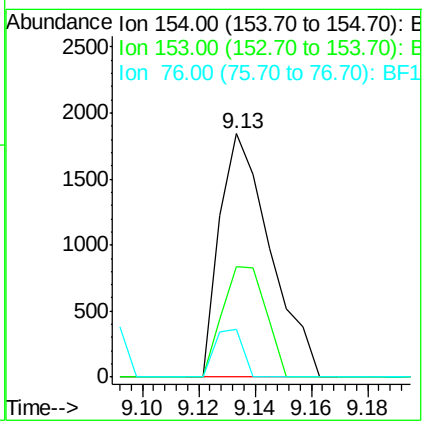


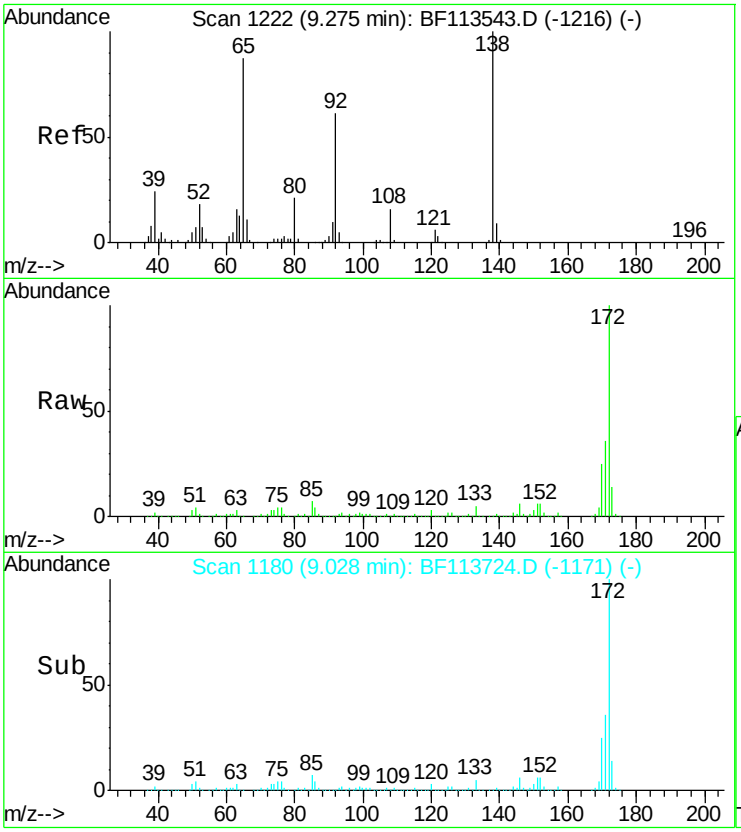


#46
1,1'-Biphenyl
Concen: 0.125 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Tgt Ion:154 Resp: 2280

Ion	Ratio	Lower	Upper
154	100		
153	45.2	20.8	60.8
76	19.7	0.0	31.9



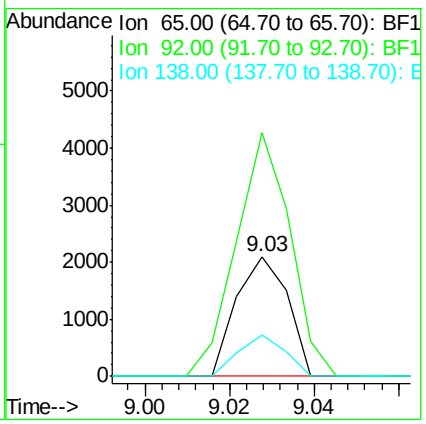


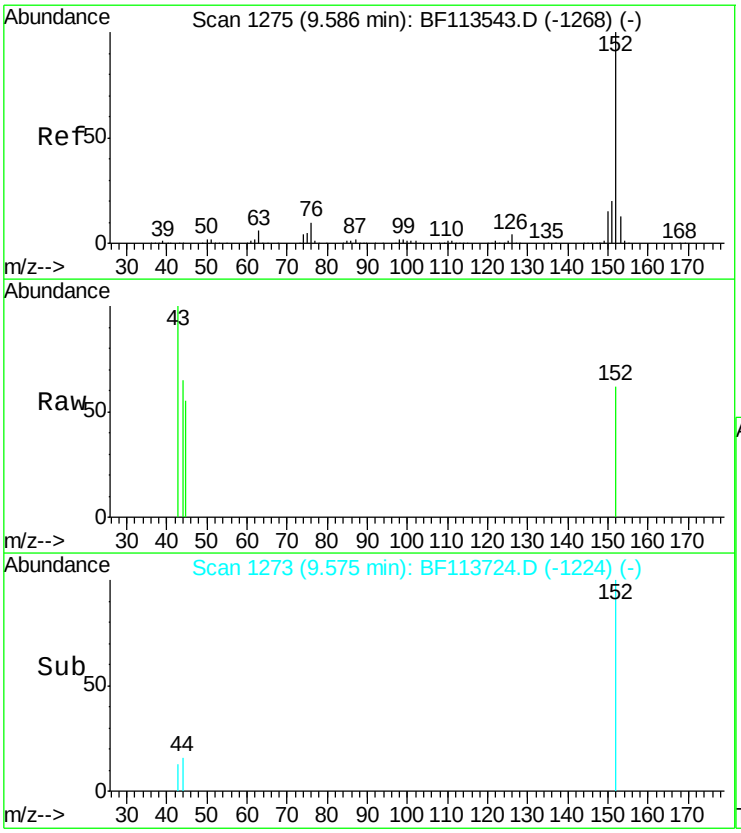
#48
2-Nitroaniline
Concen: 0.419 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.25 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 1768

Ion	Ratio	Lower	Upper
65	100		
92	203.2	56.8	85.2#
138	34.3	92.3	138.5#

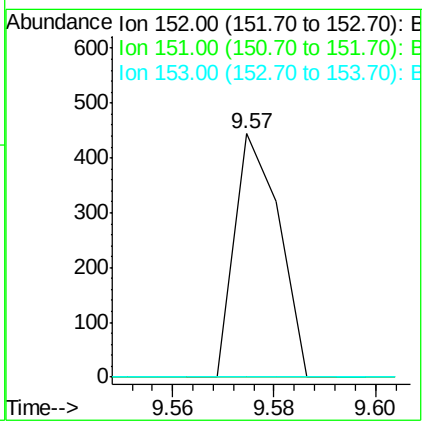


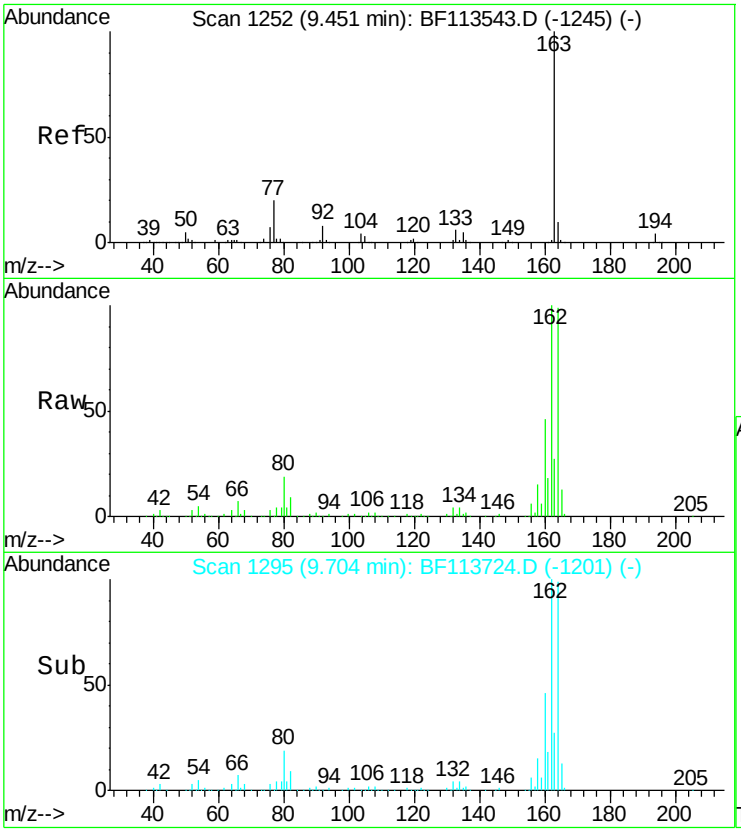


#49
Acenaphthylene
Concen: 0.012 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Tgt Ion:152 Resp: 270

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.2	24.4#
153	0.0	11.0	16.6#



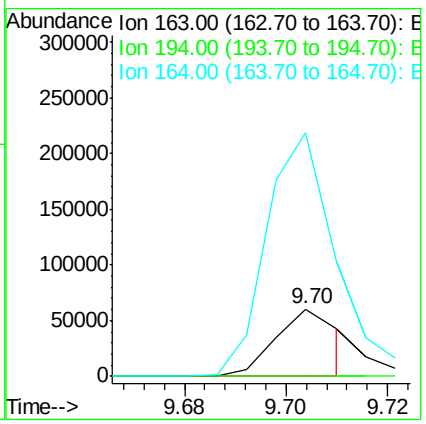


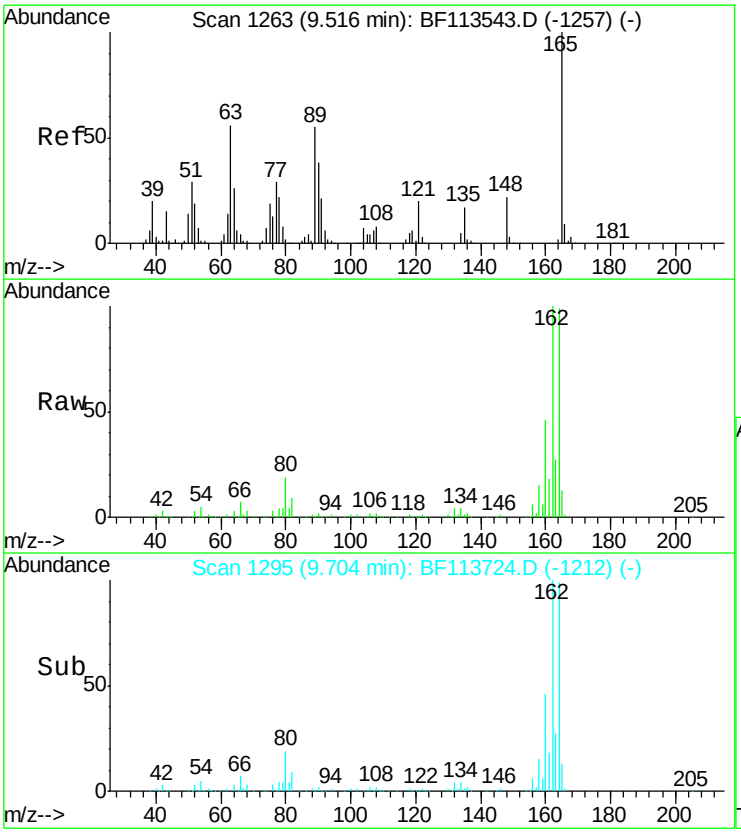
#50
Dimethylphthalate
Concen: 3.100 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.25 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 50460

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.0	4.6#
164	361.8	8.1	12.1#

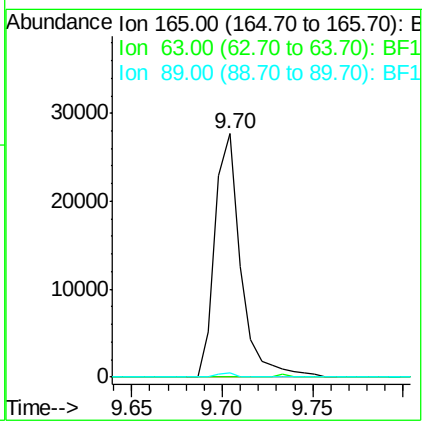


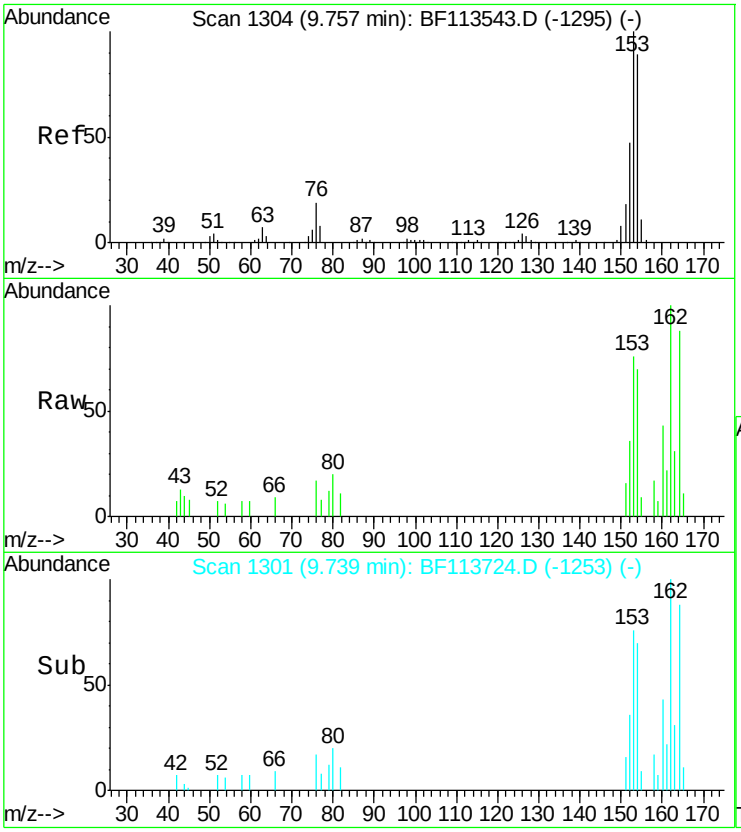


#51
2,6-Dinitrotoluene
Concen: 7.674 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.19 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Tgt Ion:165 Resp: 27532

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.0#
89	1.5	43.1	64.7#



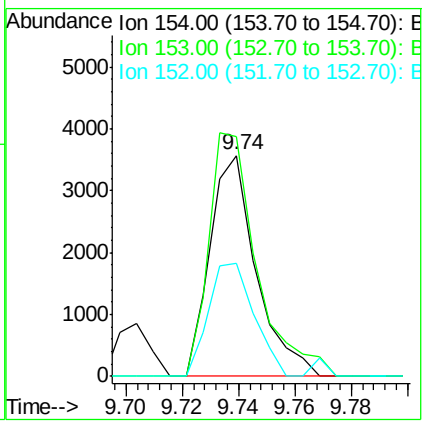


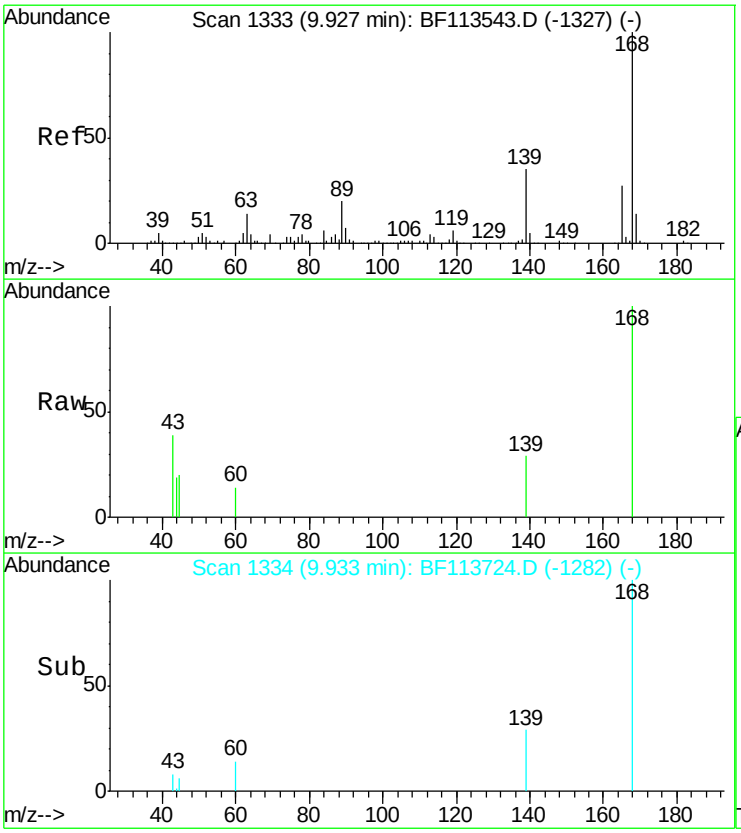
#52
Acenaphthene
Concen: 0.317 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 4075

Ion	Ratio	Lower	Upper
154	100		
153	108.6	89.5	134.3
152	51.5	43.3	64.9

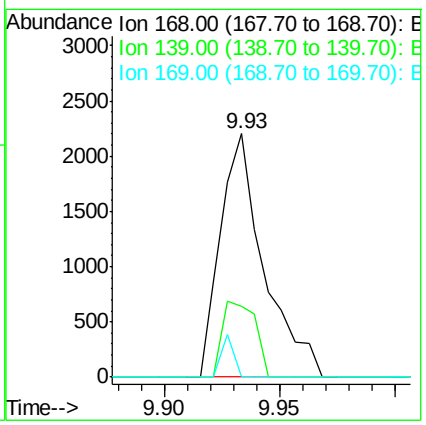


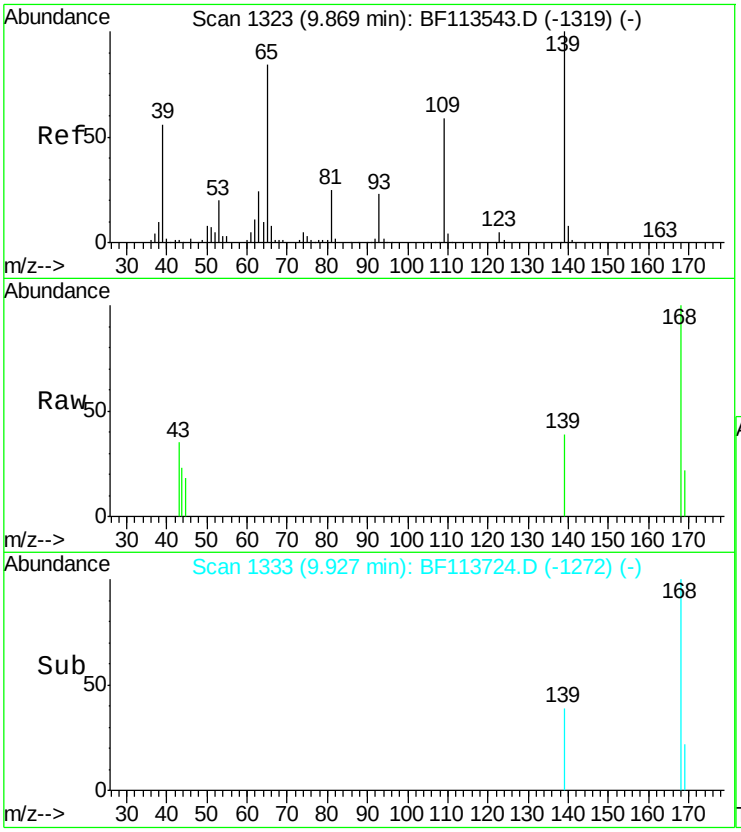


#55
Dibenzofuran
Concen: 0.153 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Tgt Ion:168 Resp: 2878

Ion	Ratio	Lower	Upper
168	100		
139	29.3	29.7	44.5#
169	0.0	10.7	16.1#



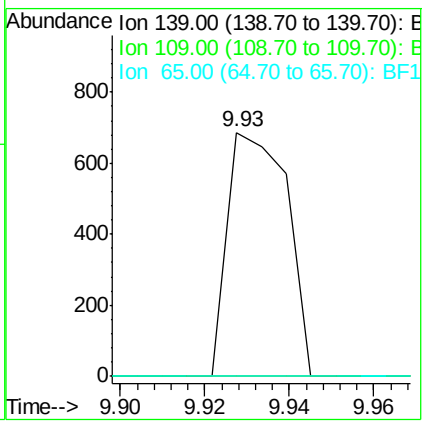


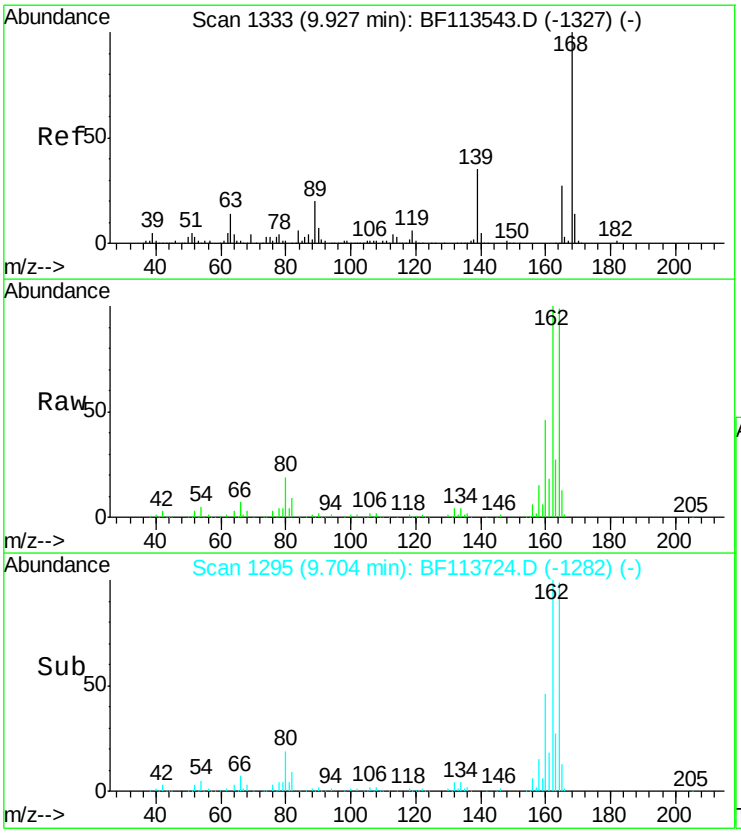
#56
4-Nitrophenol
Concen: 0.265 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.06 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 671

Ion	Ratio	Lower	Upper
139	100		
109	0.0	46.9	86.9#
65	0.0	77.2	117.2#

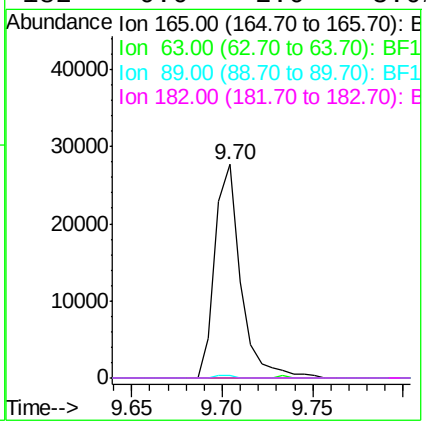


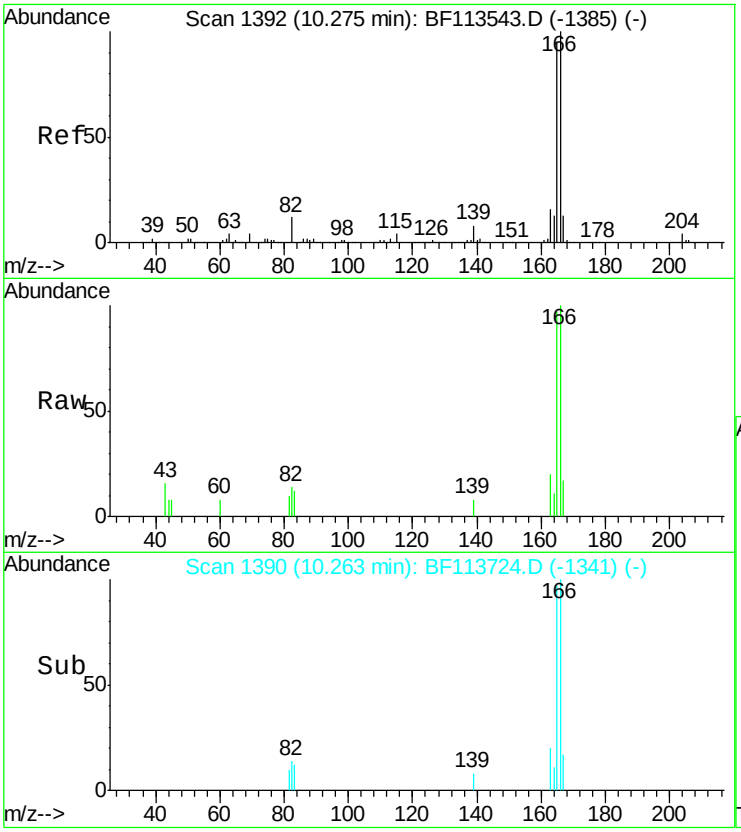


#57
2,4-Dinitrotoluene
Concen: 6.345 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.22 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Tgt Ion:165 Resp: 27532

Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.5	56.3#
89	1.5	57.4	86.2#
182	0.0	2.0	3.0#



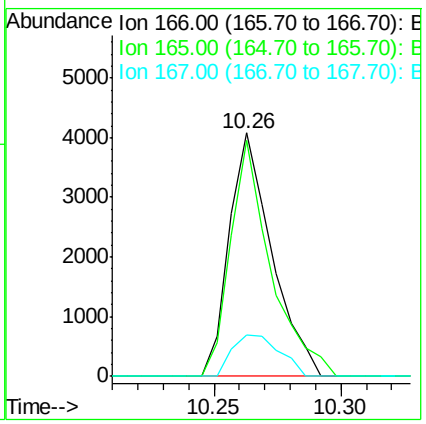


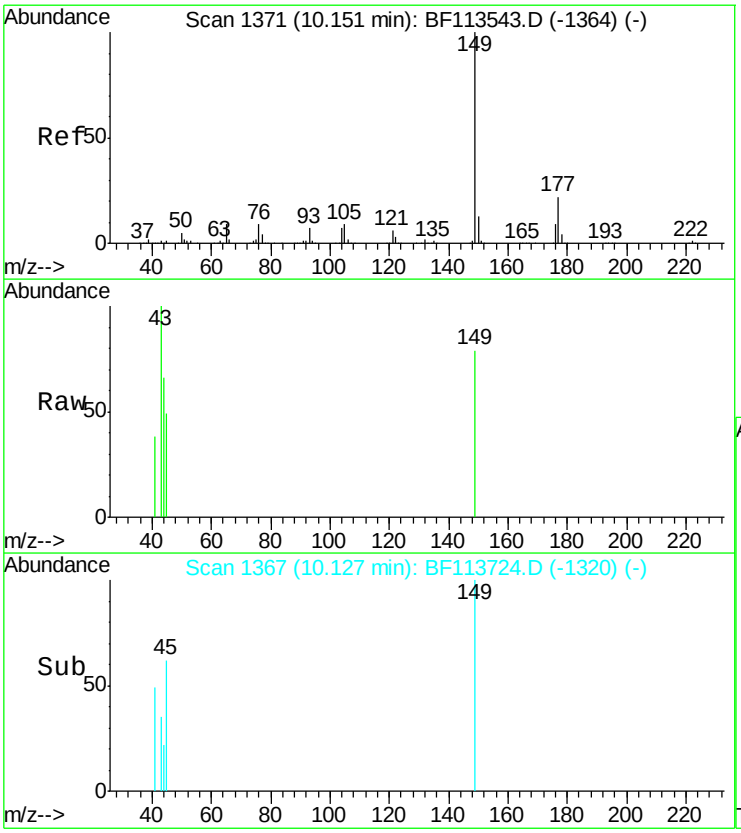
#58
Fluorene
Concen: 0.320 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 4762

Ion	Ratio	Lower	Upper
166	100		
165	96.7	76.2	114.2
167	17.0	10.7	16.1#

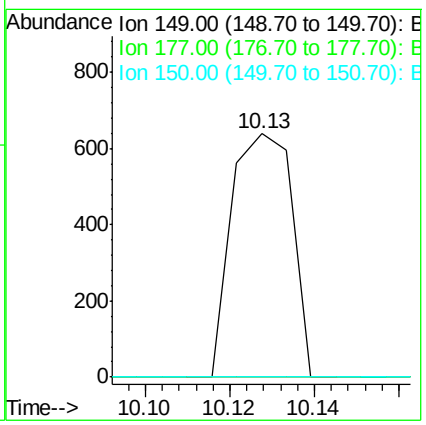


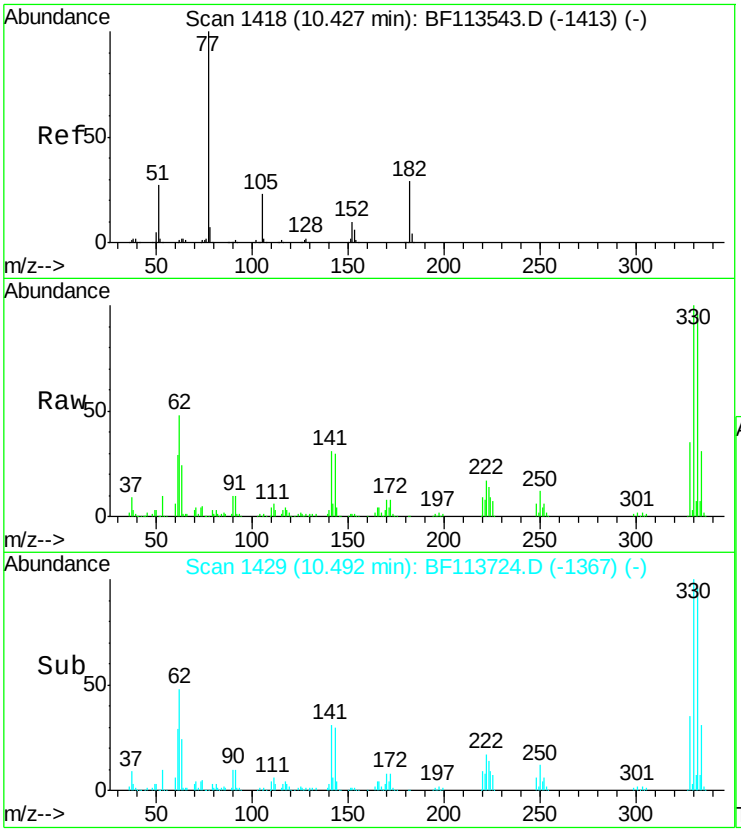


#60
Diethylphthalate
Concen: 0.040 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.02 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Tgt Ion:149 Resp: 634

Ion	Ratio	Lower	Upper
149	100		
177	0.0	17.4	26.0#
150	0.0	10.0	15.0#



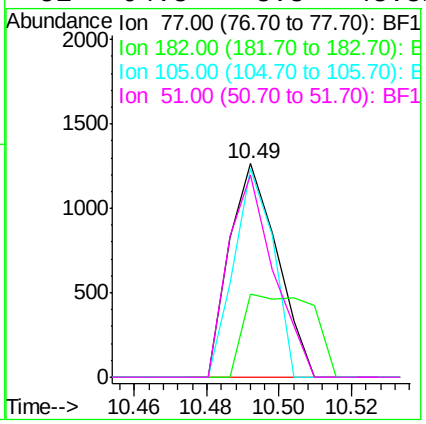


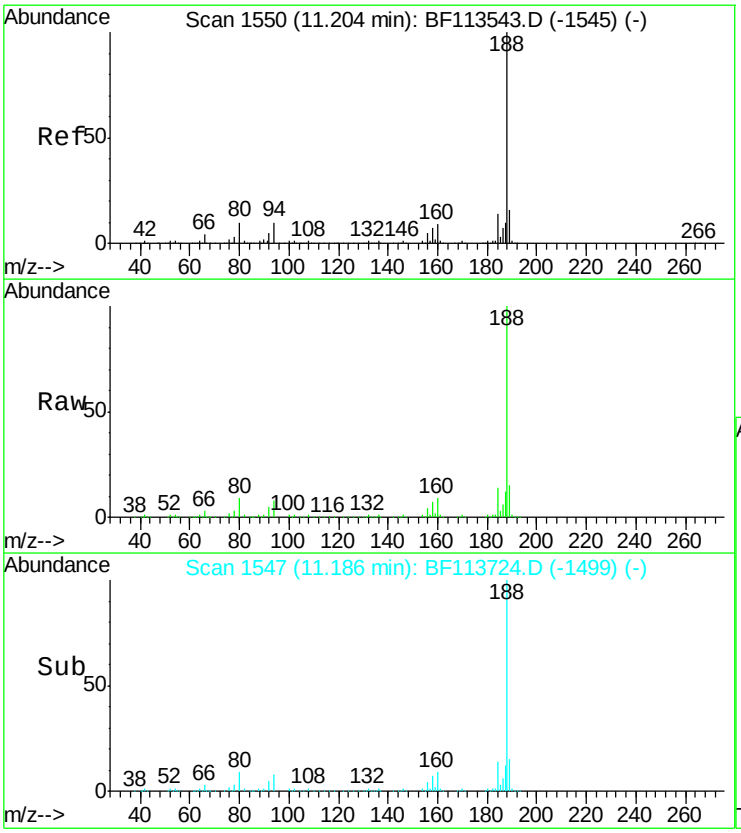
#63
Azobenzene
Concen: 0.078 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.06 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 1157

Ion	Ratio	Lower	Upper
77	100		
182	38.9	8.7	48.7
105	97.9	2.9	42.9#
51	94.8	8.8	48.8#

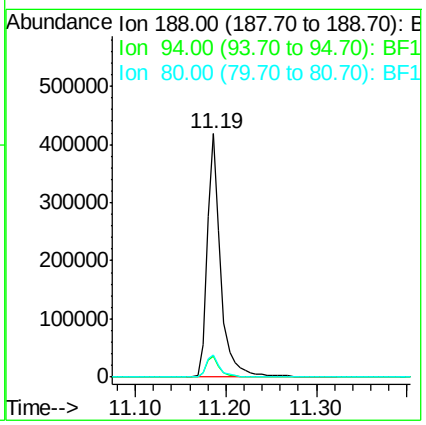


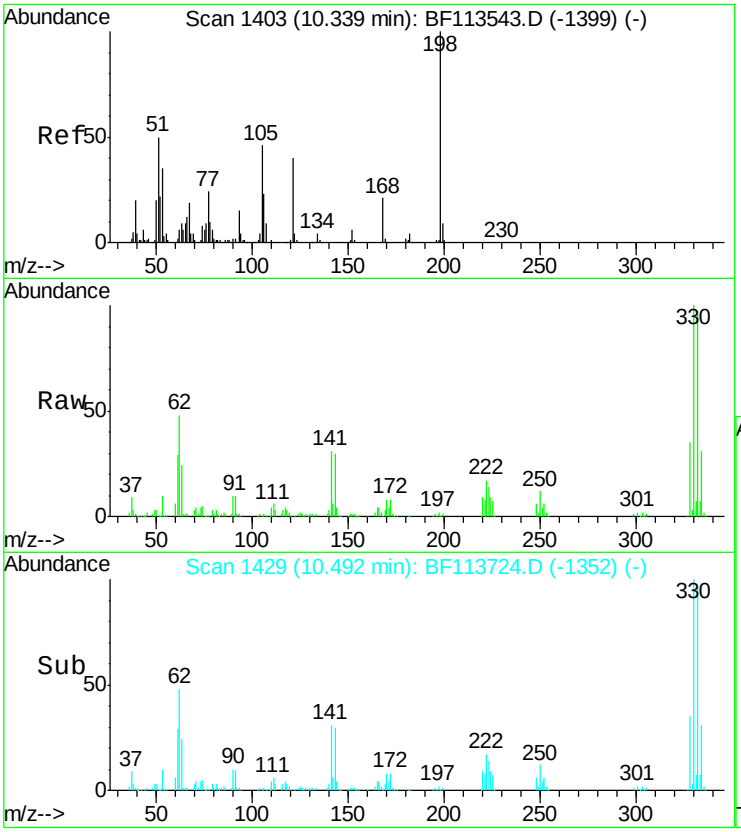


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Tgt Ion:188 Resp: 437618

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.0	10.6
80	9.2	7.7	11.5



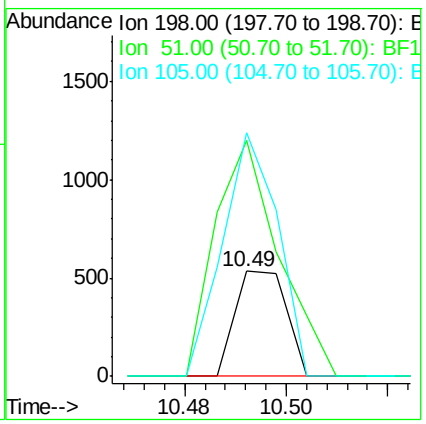


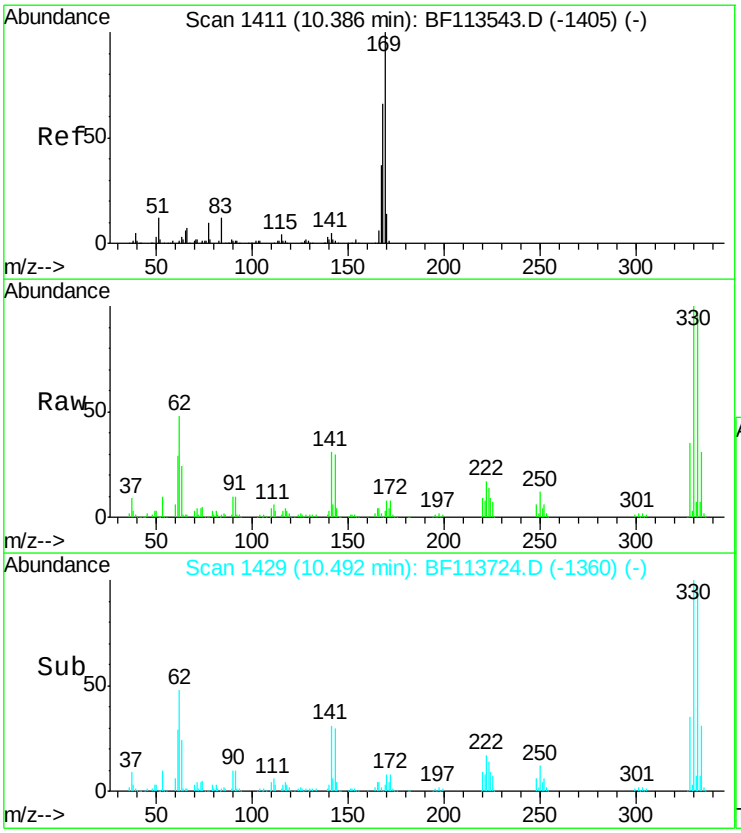
#65
4,6-Dinitro-2-methylphenol
Concen: 0.161 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.15 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 372

Ion	Ratio	Lower	Upper
198	100		
51	225.0	21.6	61.6#
105	232.3	20.6	60.6#

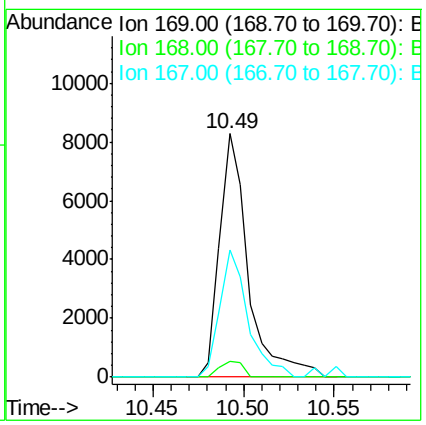


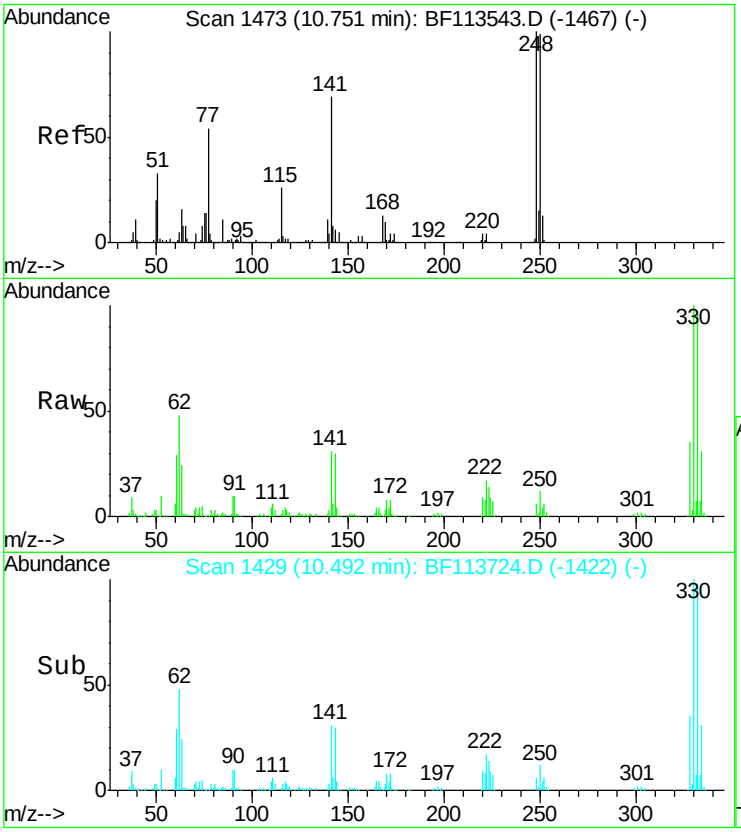


#66
n-Nitrosodiphenylamine
Concen: 0.678 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.11 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Tgt Ion:169 Resp: 9113

Ion	Ratio	Lower	Upper
169	100		
168	6.7	53.7	80.5#
167	52.3	29.5	44.3#



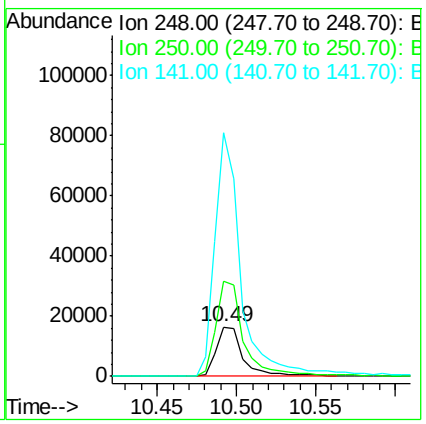


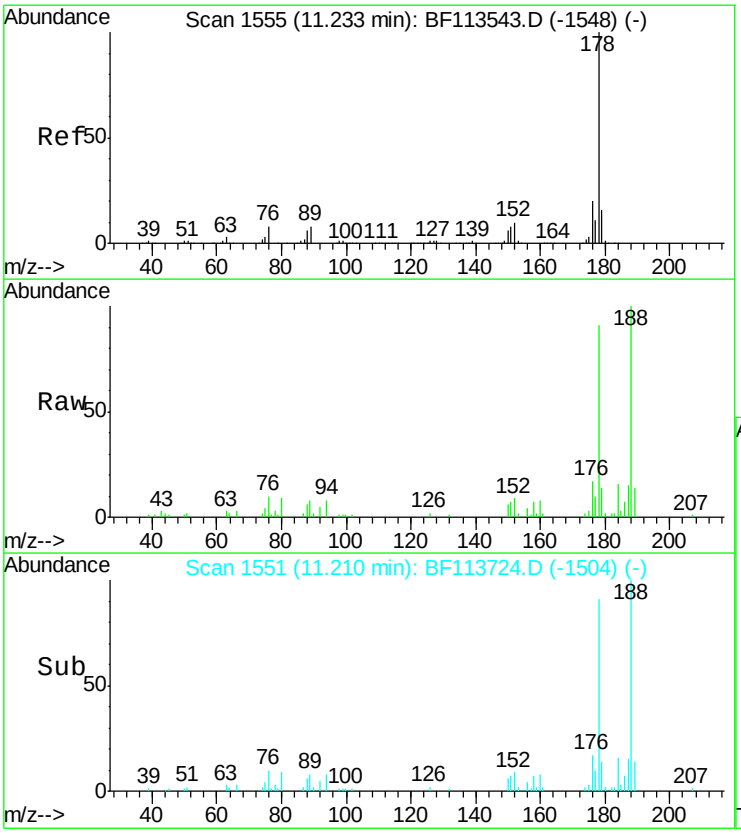
#67
4-Bromophenyl-phenylether
Concen: 3.933 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.26 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 19303

Ion	Ratio	Lower	Upper
248	100		
250	192.5	78.3	117.5#
141	494.1	56.2	84.4#

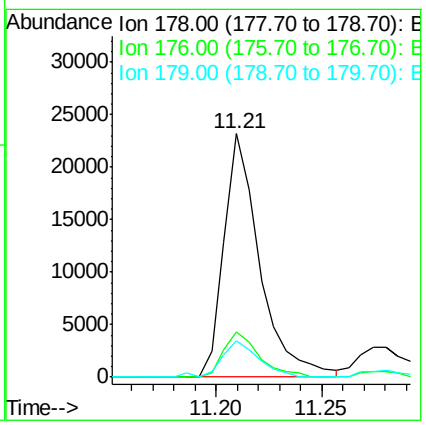


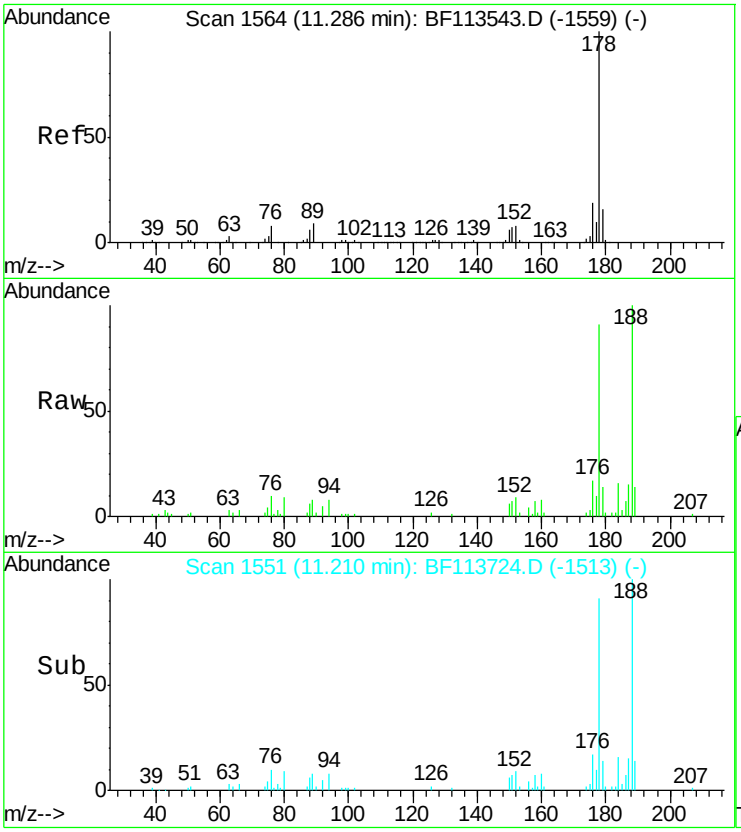


#71
Phenanthrene
Concen: 1.249 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Tgt Ion:178 Resp: 27169

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.2
179	14.9	12.7	19.1



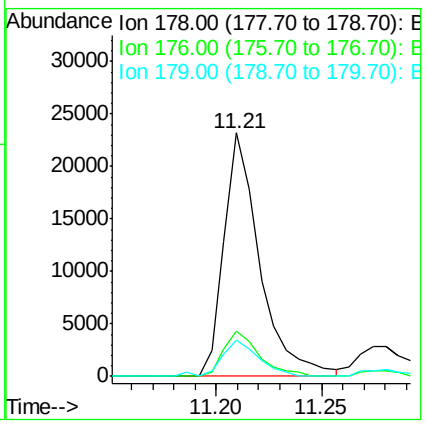


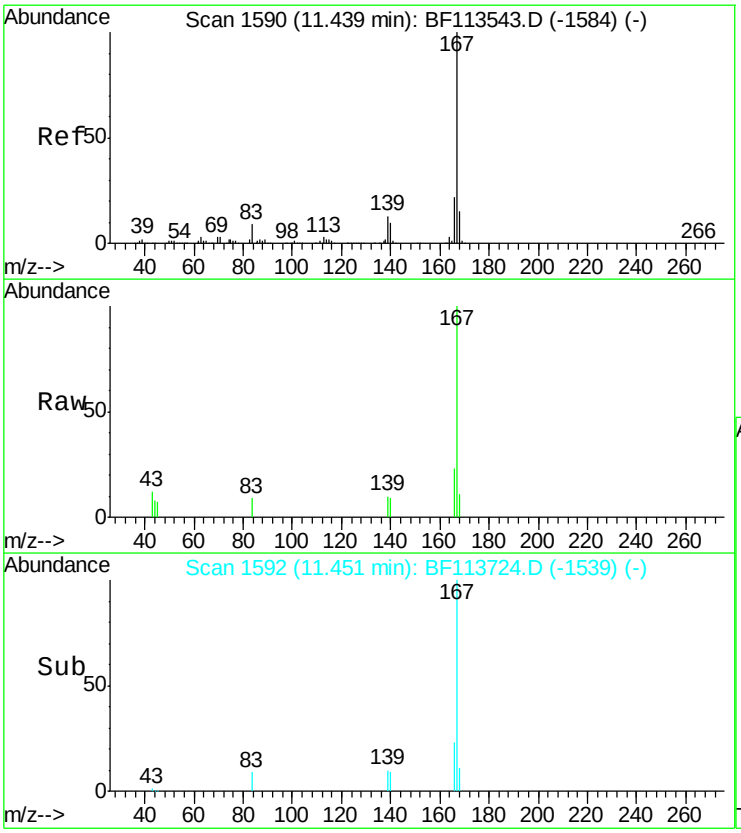
#72
Anthracene
Concen: 1.228 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.08 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 27169

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	14.9	12.8	19.2

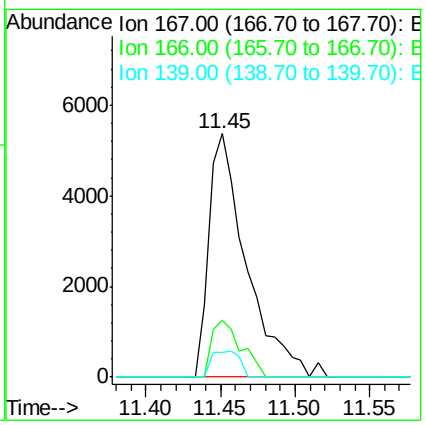


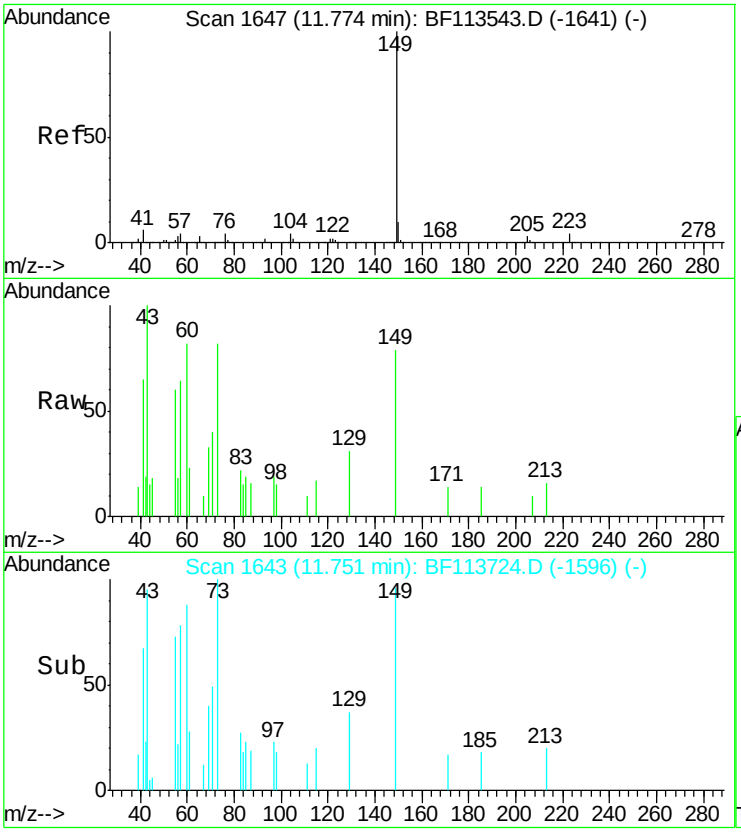


#73
Carbazole
Concen: 0.457 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Tgt Ion:167 Resp: 9449

Ion	Ratio	Lower	Upper
167	100		
166	23.4	17.4	26.0
139	10.2	10.4	15.6#



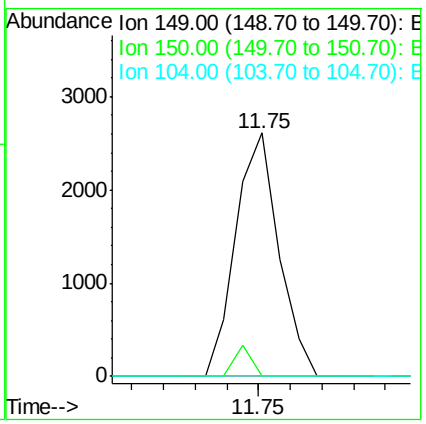


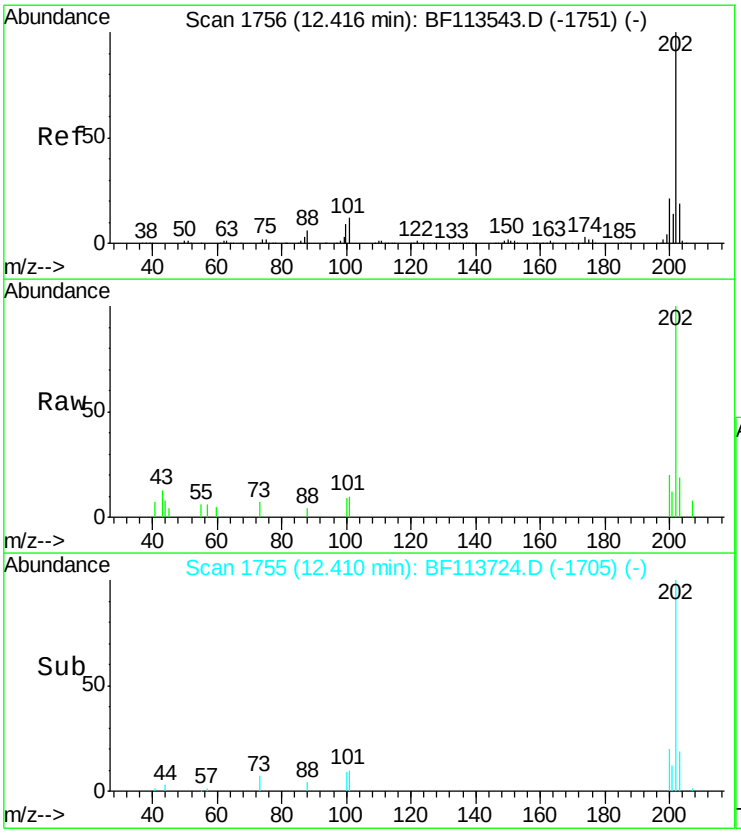
#74
Di-n-butylphthalate
Concen: 0.100 ng
RT: 11.75 min Scan# 1643
Delta R.T. -0.02 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 2458

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.7	11.5#
104	0.0	3.7	5.5#

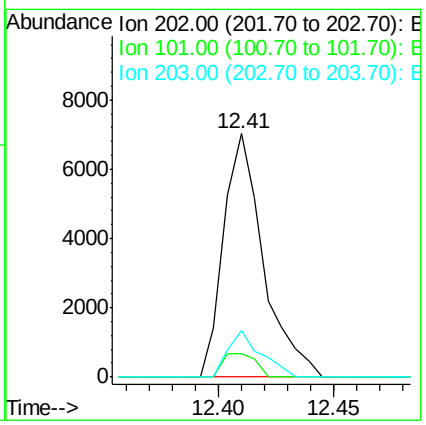


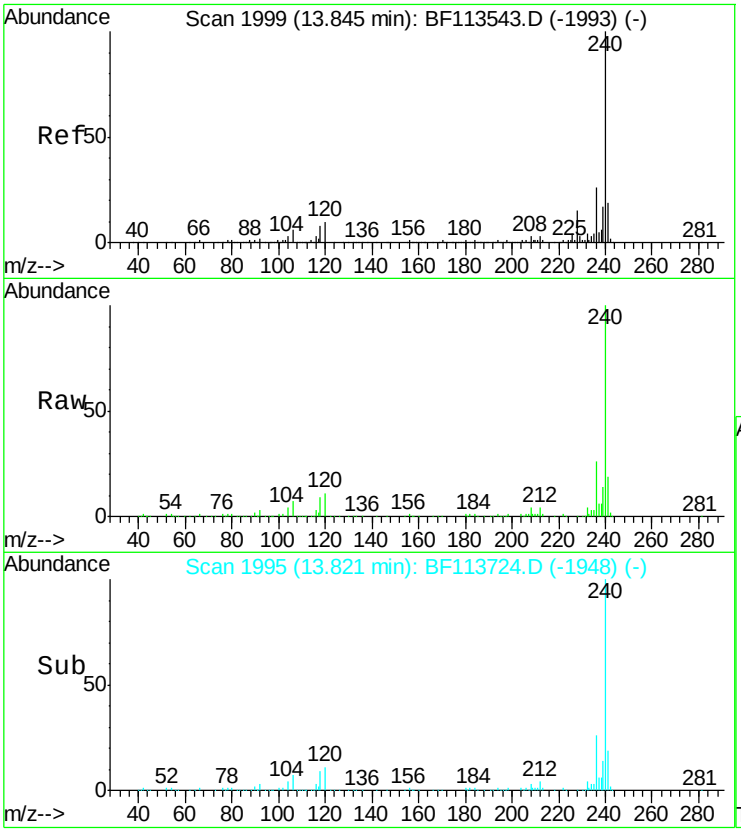


#75
Fluoranthene
Concen: 0.361 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Tgt Ion:202 Resp: 8413

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	31.4
203	18.9	0.0	38.0



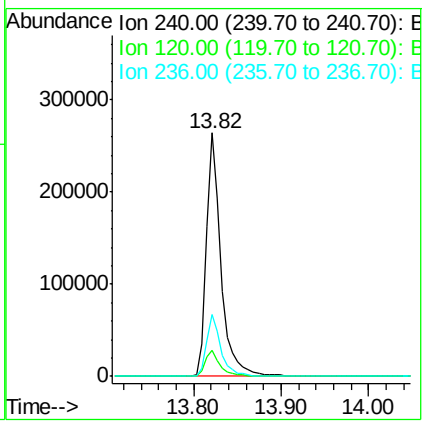


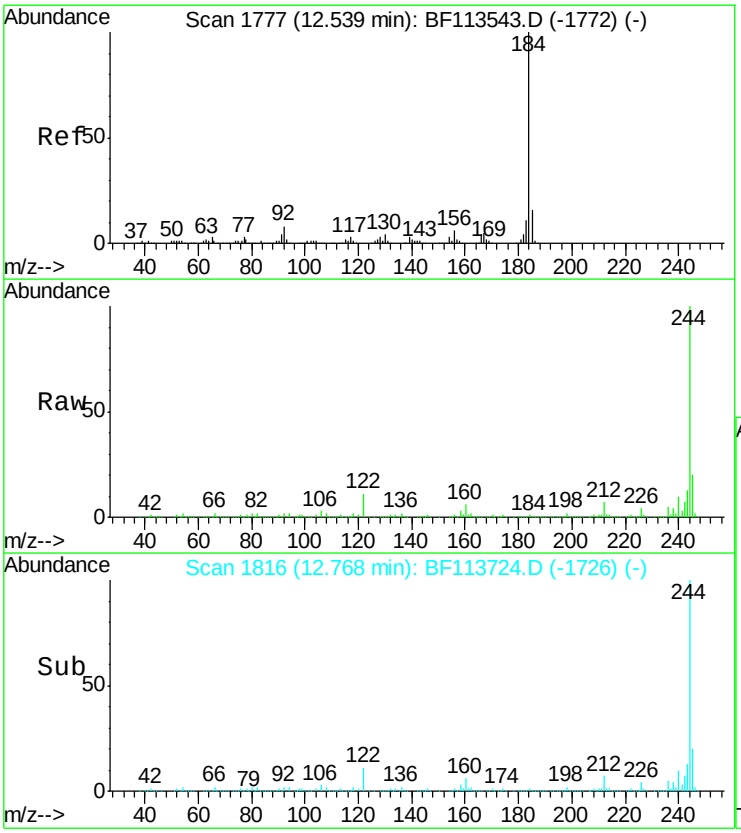
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 307715

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.8	13.2
236	25.5	20.9	31.3

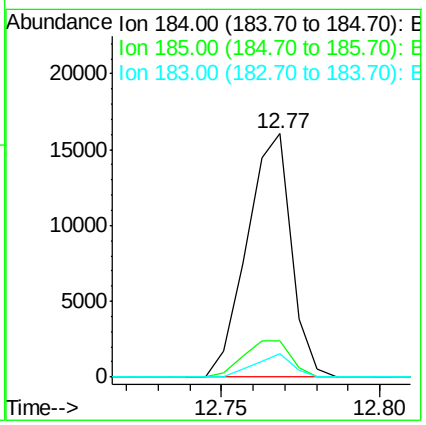


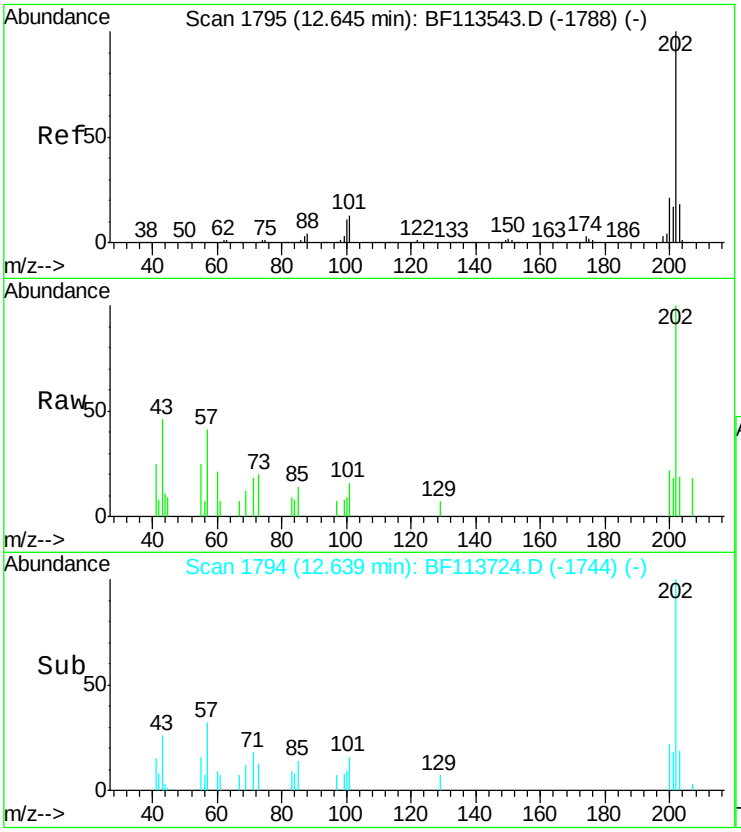


#77
Benzidine
Concen: 1.358 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.23 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Tgt Ion:184 Resp: 15535

Ion	Ratio	Lower	Upper
184	100		
185	15.0	13.0	19.6
183	9.7	9.0	13.4



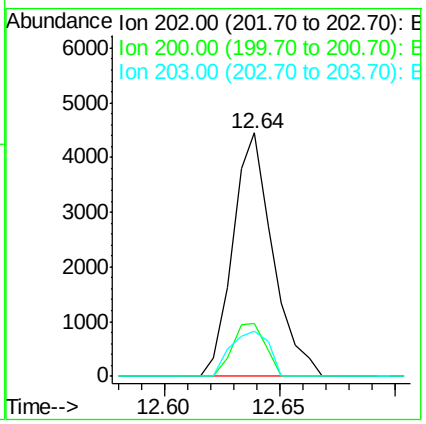


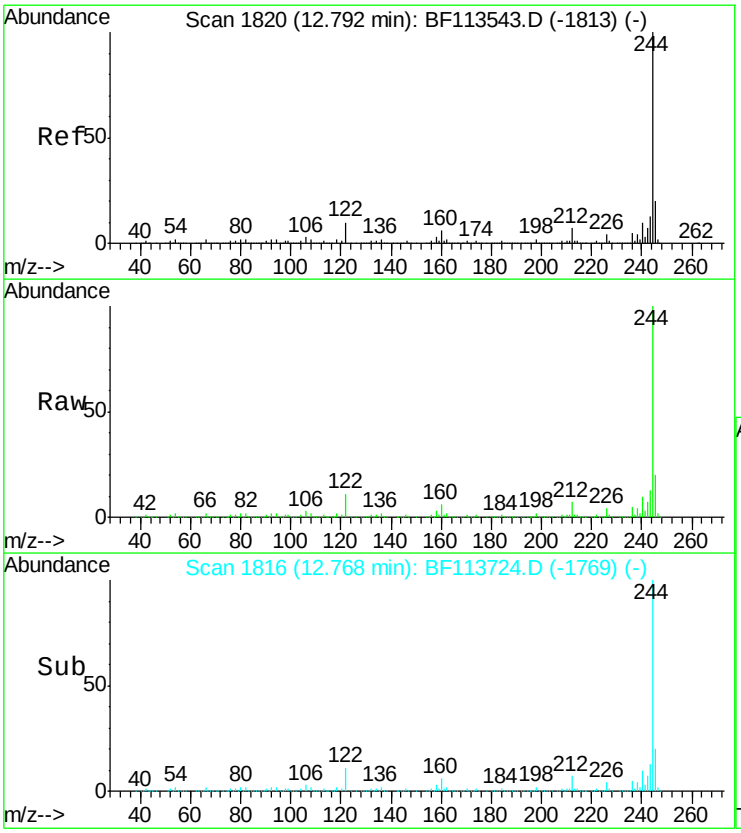
#78
Pyrene
Concen: 0.229 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 5371

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.8	25.2
203	18.6	14.4	21.6

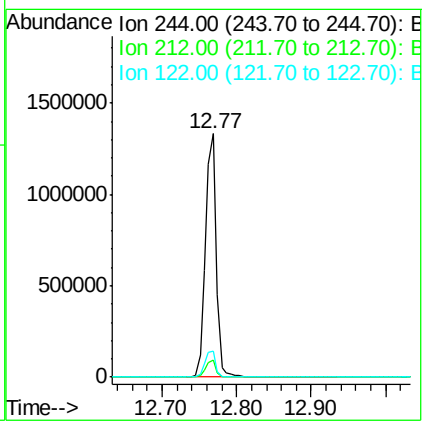


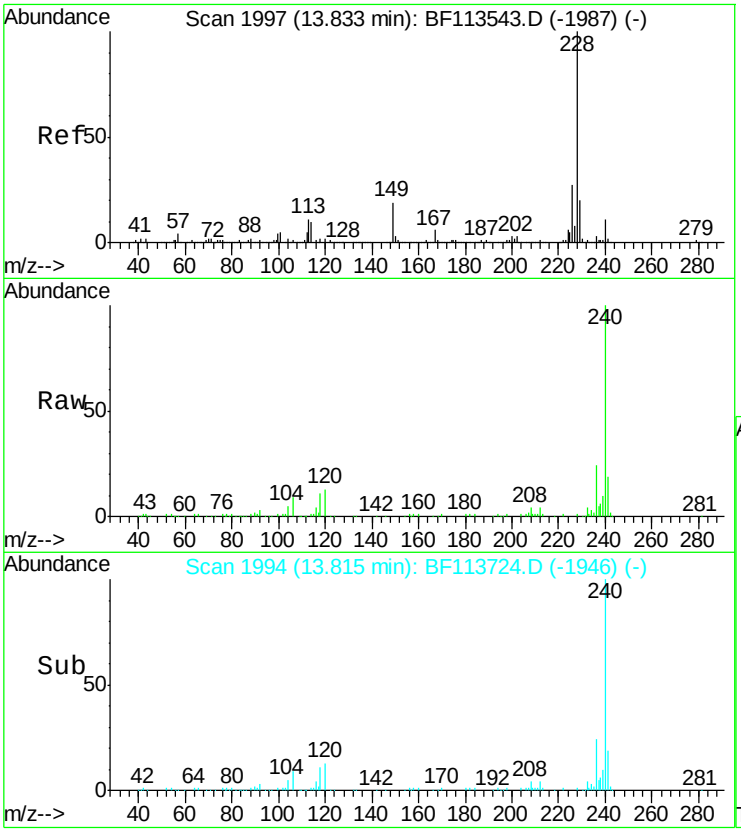


#79
Terphenyl-d14
Concen: 88.686 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Tgt Ion:244 Resp: 1340358

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	10.5	8.6	13.0



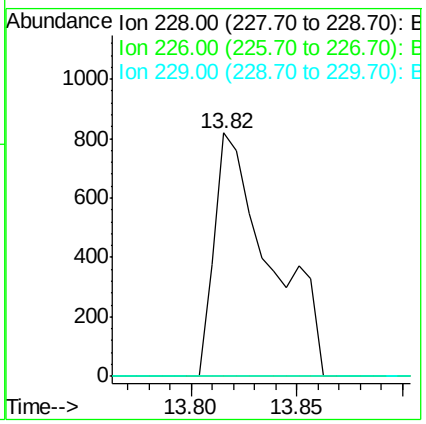


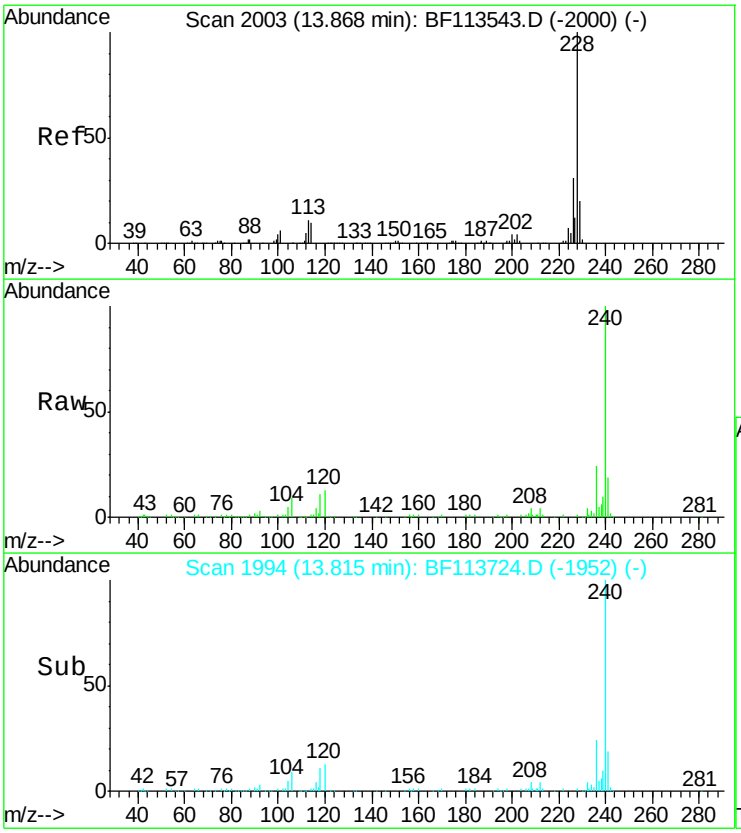
#81
Benzo(a)anthracene
Concen: 0.085 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 1502

Ion	Ratio	Lower	Upper
228	100		
226	0.0	21.8	32.8#
229	0.0	16.2	24.4#

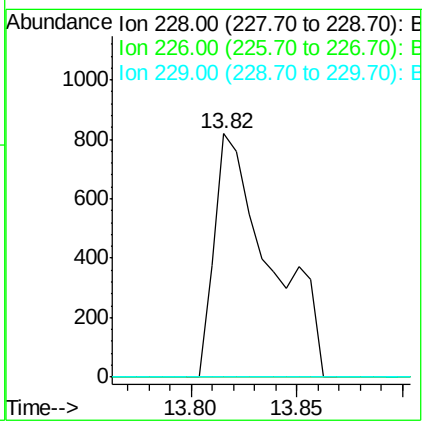


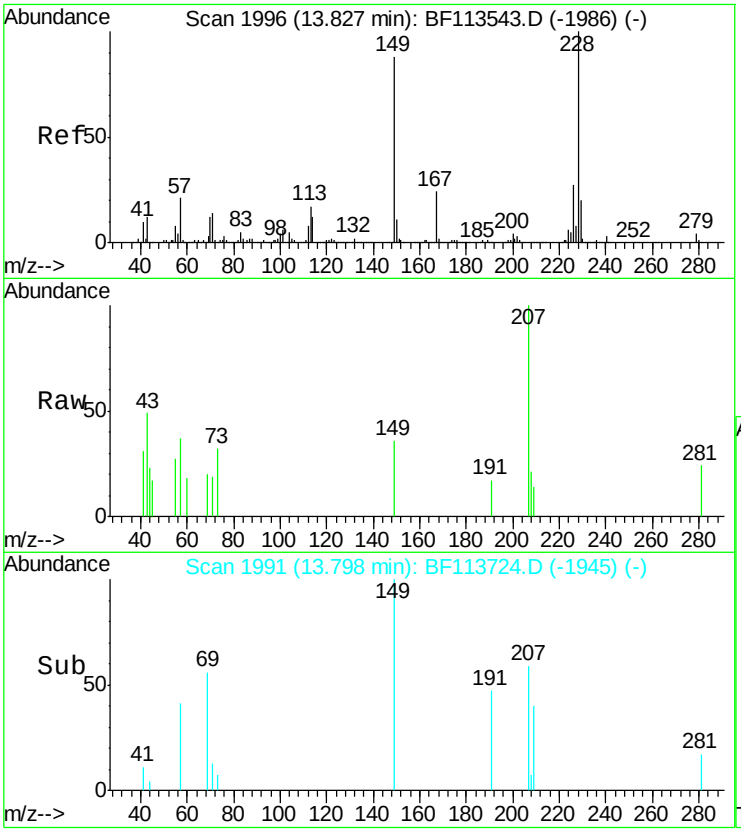


#83
Chrysene
Concen: 0.083 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.05 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Tgt Ion:228 Resp: 1502

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.3	36.5#
229	0.0	16.3	24.5#



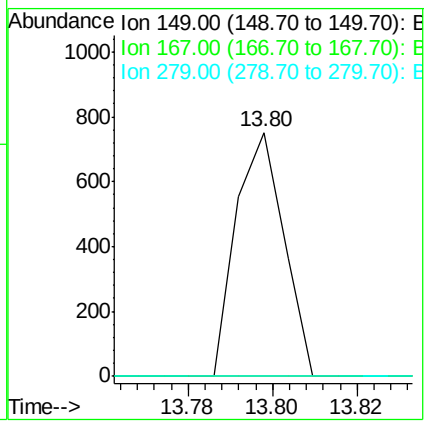


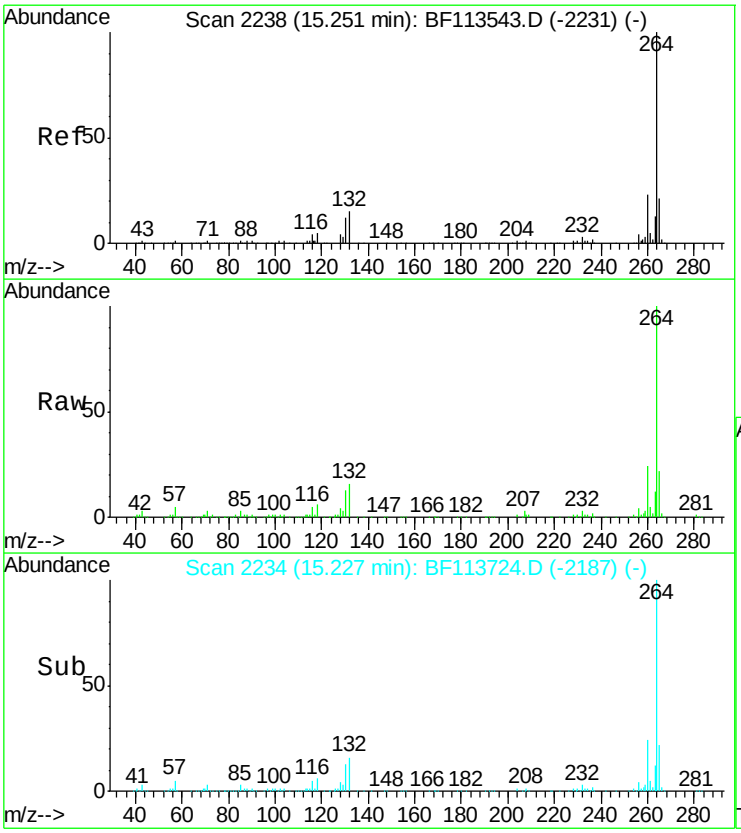
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.051 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.03 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 590

Ion	Ratio	Lower	Upper
149	100		
167	0.0	21.8	32.8#
279	0.0	2.9	4.3#

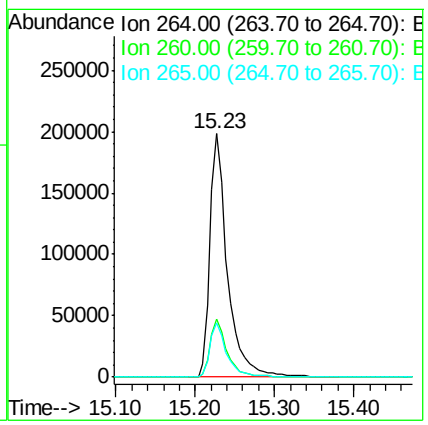


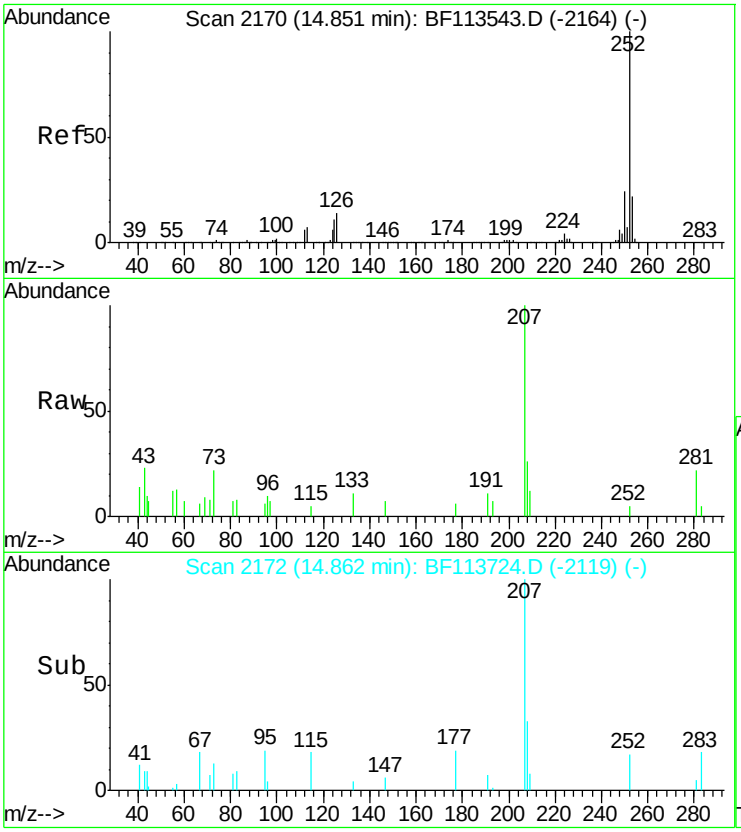


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Tgt Ion:264 Resp: 304648

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	22.3	17.1	25.7



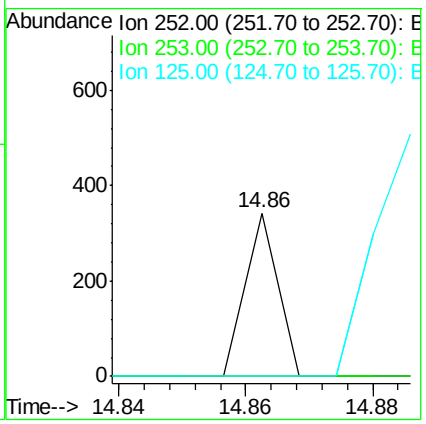


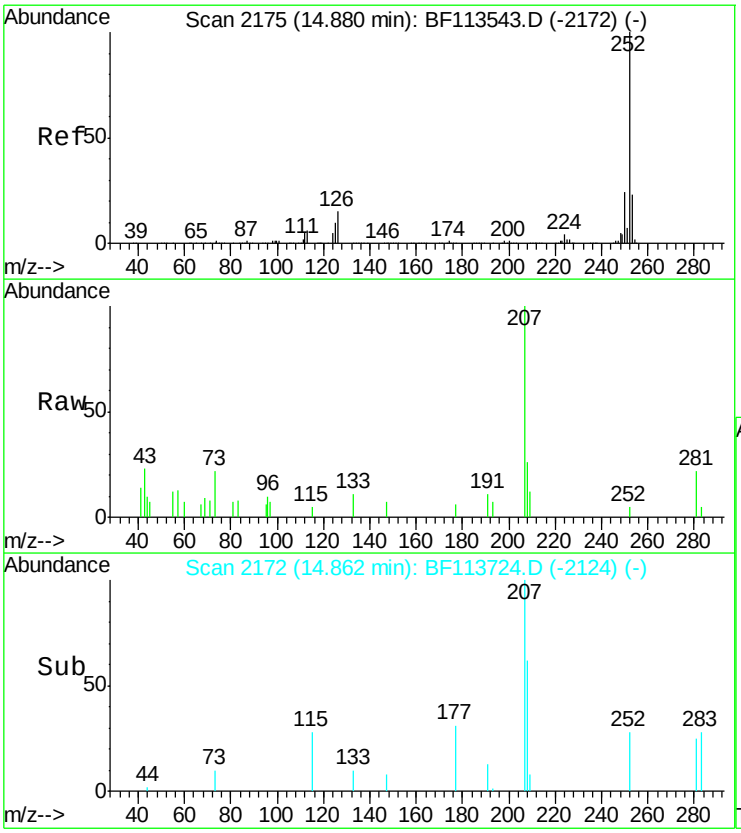
#88
Benzo(b)fluoranthene
Concen: 0.006 ng
RT: 14.86 min Scan# 2172
Delta R.T. 0.01 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 121

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.0	27.0#
125	0.0	7.6	11.4#

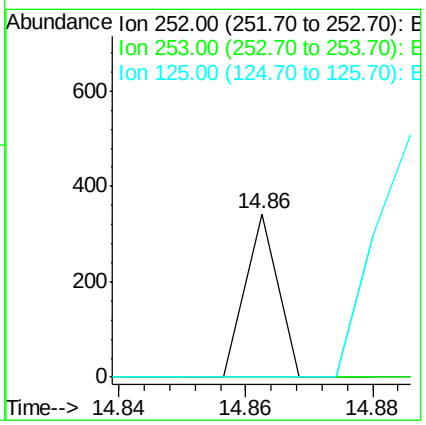


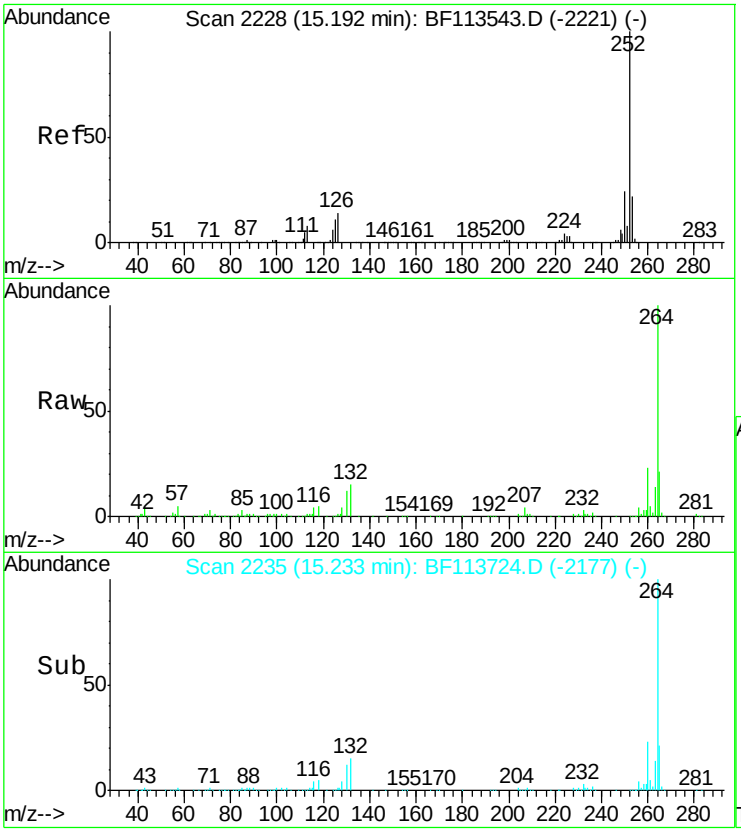


#89
Benzo(k)fluoranthene
Concen: 0.007 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Tgt Ion:252 Resp: 121

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.7	26.5#
125	0.0	7.3	10.9#





#90
Benzo(a)pyrene
Concen: 0.040 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.04 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 664

Ion	Ratio	Lower	Upper
252	100		
253	61.5	17.9	26.9#
125	111.7	8.8	13.2#