Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113973.D
Acq On : 24 Apr 2019 20:27
Operator : JU/SJ
Sample : K2540-03 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 25 01:27:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	119313	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	452563	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	203920	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	348160	20.00	ng	0.00
76) Chrysene-d12	14.06	240	334089	20.00	ng	0.00
87) Perylene-d12	15.56	264	298571	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	6833	0.98	ng	0.00
7) Phenol-d6	6.52	99	49760	5.69	ng	0.00
23) Nitrobenzene-d5	7.45	82	40713	5.55	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	534	0.21	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	93772	7.19	ng	0.00
79) Terphenyl-d14	13.00	244	90915	5.58	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.63	88	151	0.046	ng	# 26
9) Benzaldehyde	6.45	77	235	Below Cal		# 36
10) Phenol	6.53	94	865	0.083	ng	# 45
15) Benzyl Alcohol	7.05	79	837	0.142	ng	# 38
18) Hexachloroethane	7.46	117	168	0.053	ng	# 1
19) n-Nitroso-di-n-propylamine	7.45	70	5674	1.001	ng	# 74
22) Acetophenone	7.29	105	428	0.042	ng	# 58
24) Nitrobenzene	7.22	77	342	0.042	ng	# 39
25) Isophorone	7.45	82	40713	2.715	ng	# 65
31) Naphthalene	8.20	128	3737	0.174	ng	97
33) 4-Chloroaniline	8.20	127	339	0.037	ng	# 19
35) Caprolactam	8.60	113	113	0.052	ng	# 25
36) 4-Chloro-3-methylphenol	8.75	107	524	0.077	ng	# 19
37) 2-Methylnaphthalene	8.90	142	2616	0.180	ng	92
38) 1-Methylnaphthalene	8.99	142	2108	0.151	ng	# 99
46) 1,1'-Biphenyl	9.36	154	734	0.047	ng	# 42
49) Acenaphthylene	9.79	152	1551	0.078	ng	# 86
50) Dimethylphthalate	9.64	163	10574	0.717	ng	99
51) 2,6-Dinitrotoluene	9.93	165	26652	8.424	ng	# 33
52) Acenaphthene	9.96	154	2100	0.179	ng	98
55) Dibenzofuran	10.14	168	2577	0.147	ng	# 87
56) 4-Nitrophenol	10.14	139	793	0.301	ng	# 29
57) 2,4-Dinitrotoluene	9.93	165	26647	6.672	ng	# 29
58) Fluorene	10.48	166	3703	0.280	ng	99
63) Azobenzene	10.68	77	119	0.009	ng	# 52
66) n-Nitrosodiphenylamine	10.59	169	1091	0.104	ng	# 24
71) Phenanthrene	11.44	178	34258	1.958	ng	99
72) Anthracene	11.49	178	7898	0.447	ng	95
73) Carbazole	11.65	167	3864	0.245	ng	# 93
74) Di-n-butylphthalate	11.97	149	1426	0.077	ng	# 77
75) Fluoranthene	12.63	202	50590	2.650	ng	98
77) Benzidine	12.74	184	107	0.011	ng	# 1
78) Pyrene	12.86	202	46280	1.981	ng	98
80) Butylbenzylphthalate	13.47	149	907	0.099	ng	# 33

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113973.D
Acq On : 24 Apr 2019 20:27
Operator : JU/SJ
Sample : K2540-03 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 25 01:27:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
81) Benzo(a)anthracene	14.05	228	26024	1.322	ng	#	93
82) 3,3'-Dichlorobenzidine	13.98	252	594	0.082	ng	#	52
83) Chrysene	14.05	228	26024	1.358	ng		95
84) Bis(2-ethylhexyl)phthalate	14.04	149	3921	0.335	ng	#	84
85) Di-n-octyl phthalate	14.70	149	655	0.036	ng	#	24
86) Indeno(1,2,3-cd)pyrene	17.05	276	9112	0.502	ng	#	80
88) Benzo(b)fluoranthene	15.13	252	36258	1.919	ng	#	70
89) Benzo(k)fluoranthene	15.13	252	36258	2.231	ng	#	71
90) Benzo(a)pyrene	15.49	252	17283	1.058	ng	#	60
91) Dibenzo(a,h)anthracene	17.06	278	2747	0.179	ng	#	1
92) Benzo(g,h,i)perylene	17.50	276	9839	0.636	ng	#	80

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
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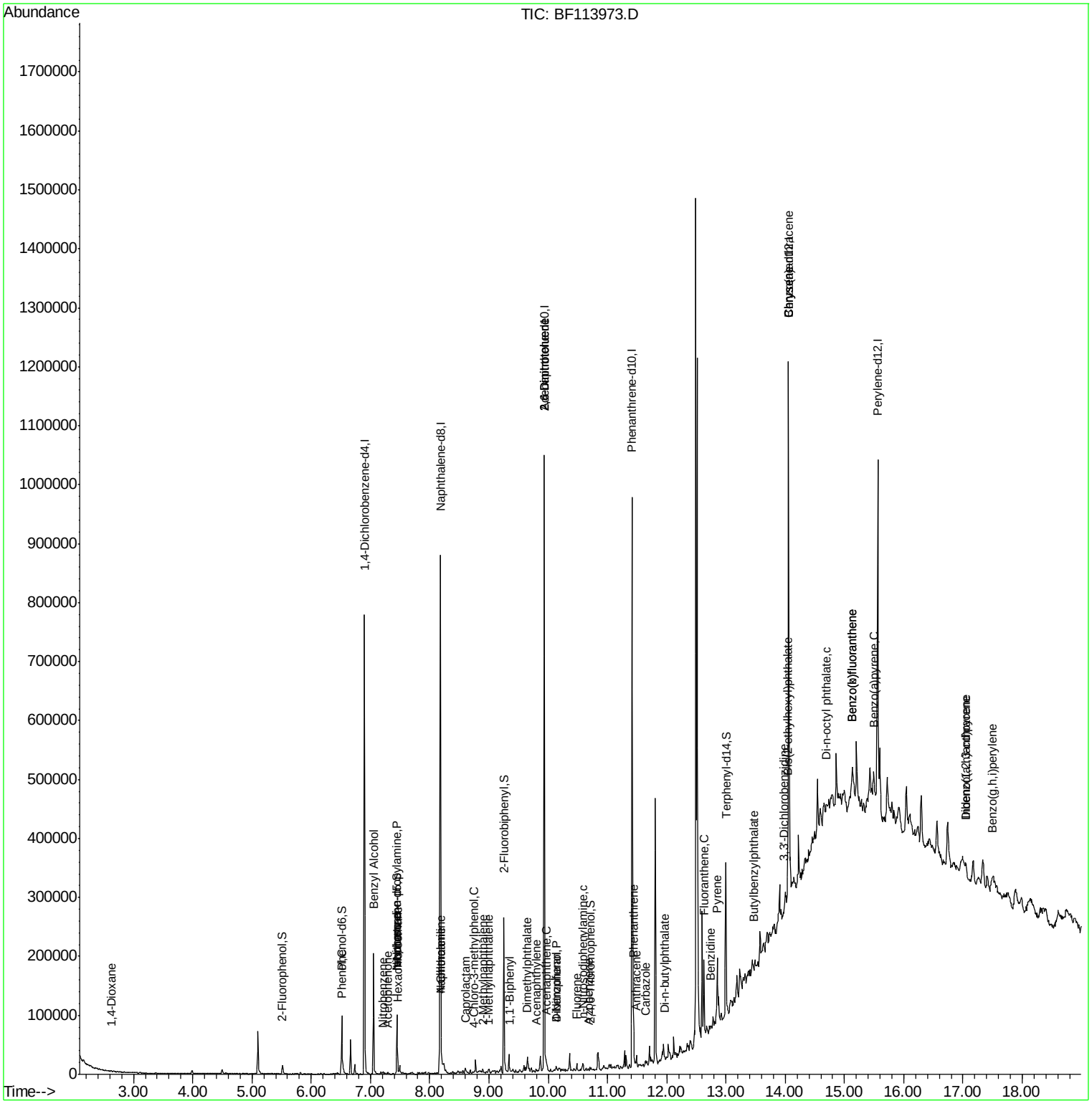
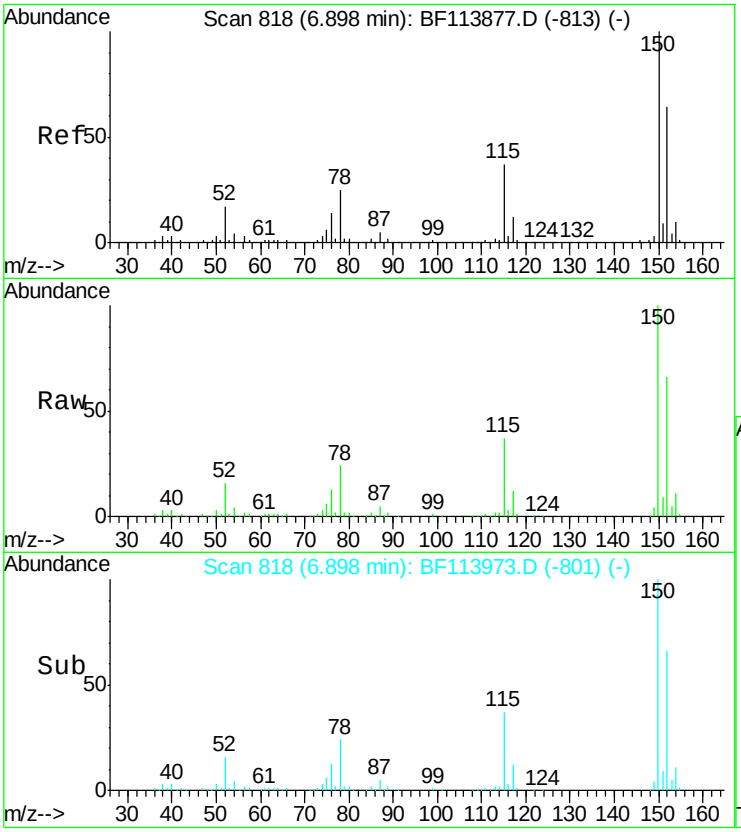


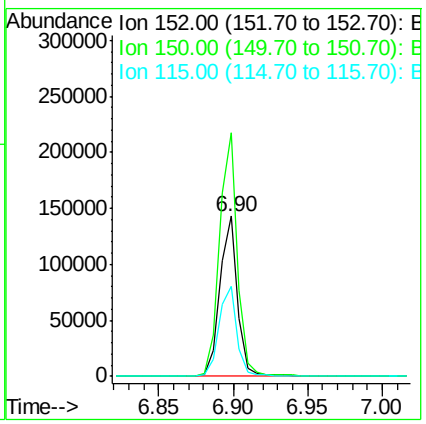


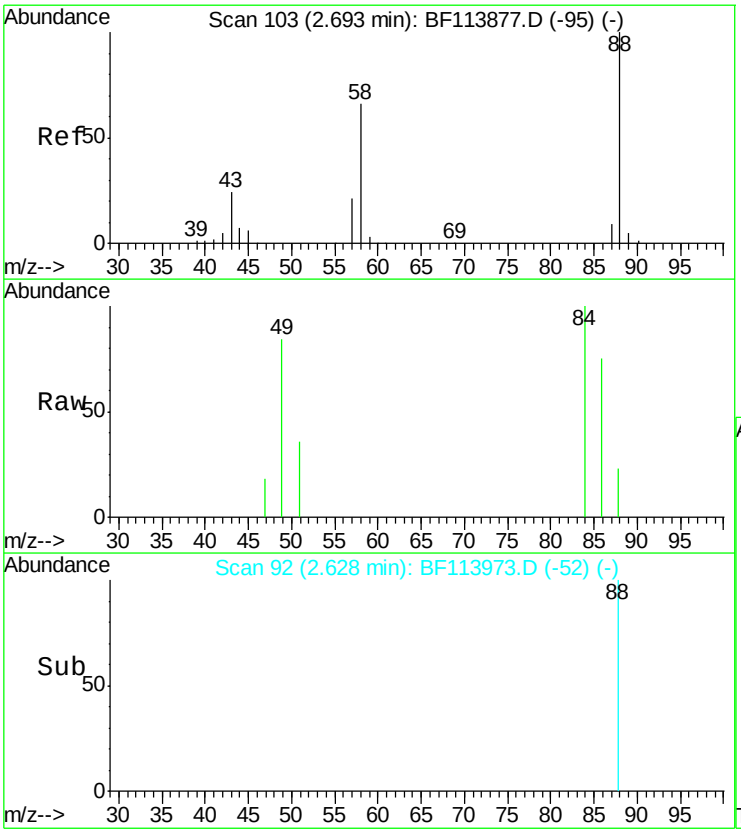
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 119313

Ion	Ratio	Lower	Upper
152	100		
150	152.0	125.9	188.9
115	56.6	45.9	68.9

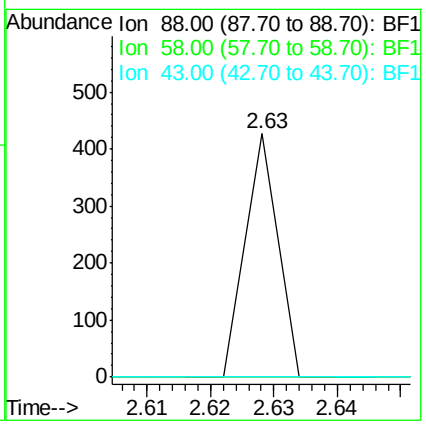


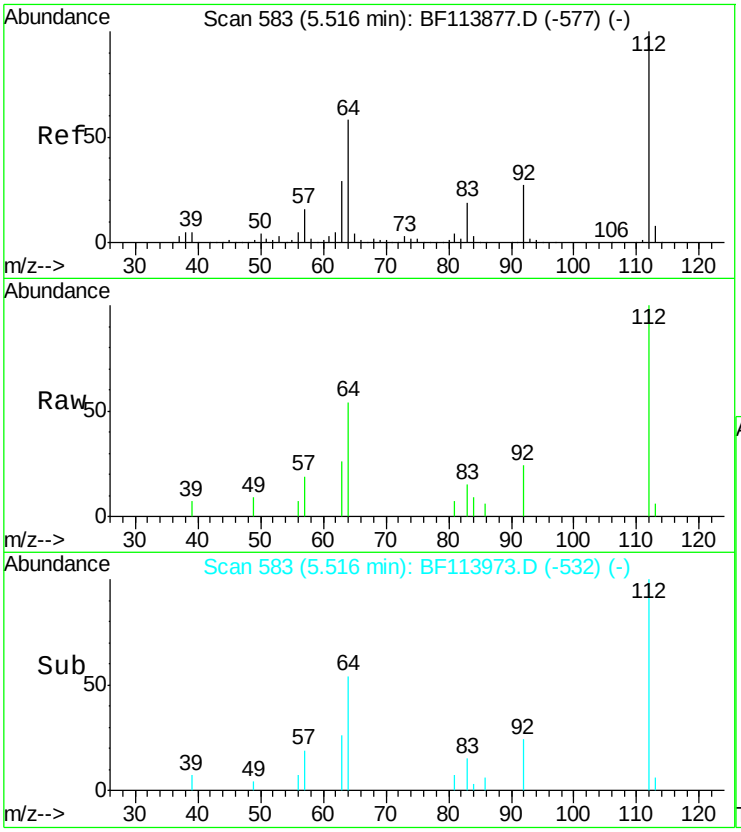


#2
1,4-Dioxane
Concen: 0.046 ng
RT: 2.63 min Scan# 92
Delta R.T. -0.06 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Tgt Ion: 88 Resp: 151

Ion	Ratio	Lower	Upper
88	100		
58	0.0	53.3	79.9#
43	0.0	19.0	28.4#



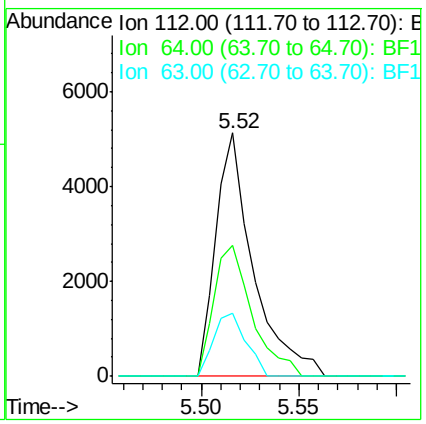


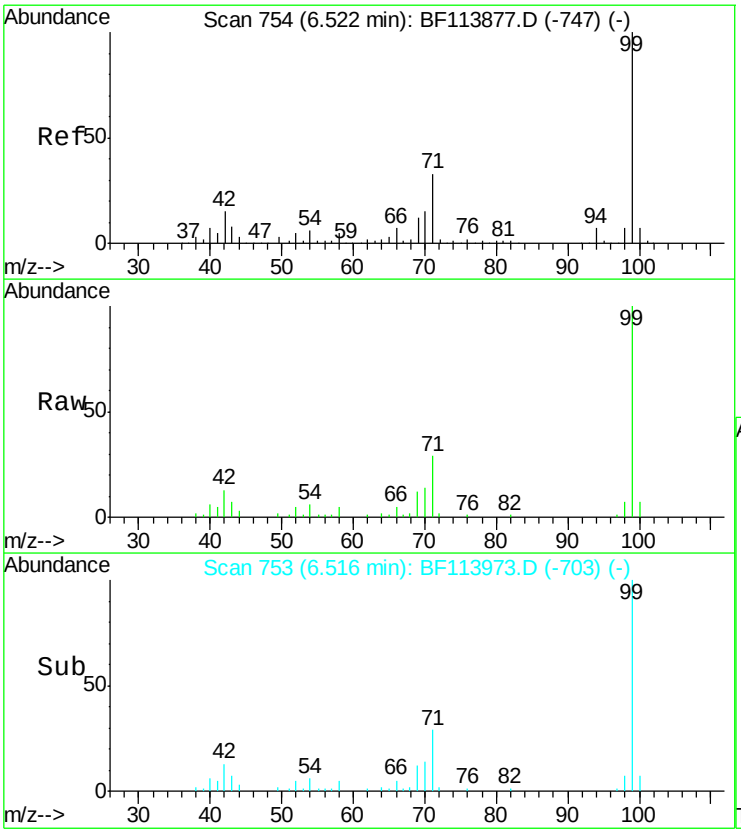
#5
2-Fluorophenol
Concen: 0.980 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 6833

Ion	Ratio	Lower	Upper
112	100		
64	54.0	46.6	69.8
63	25.8	23.1	34.7

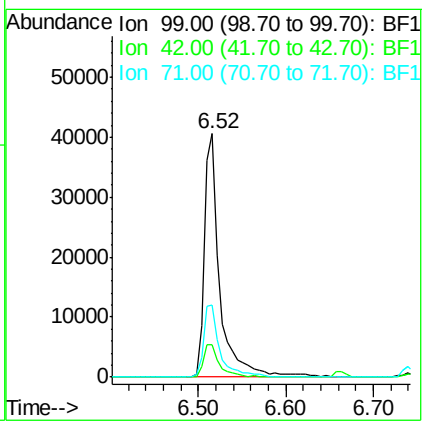


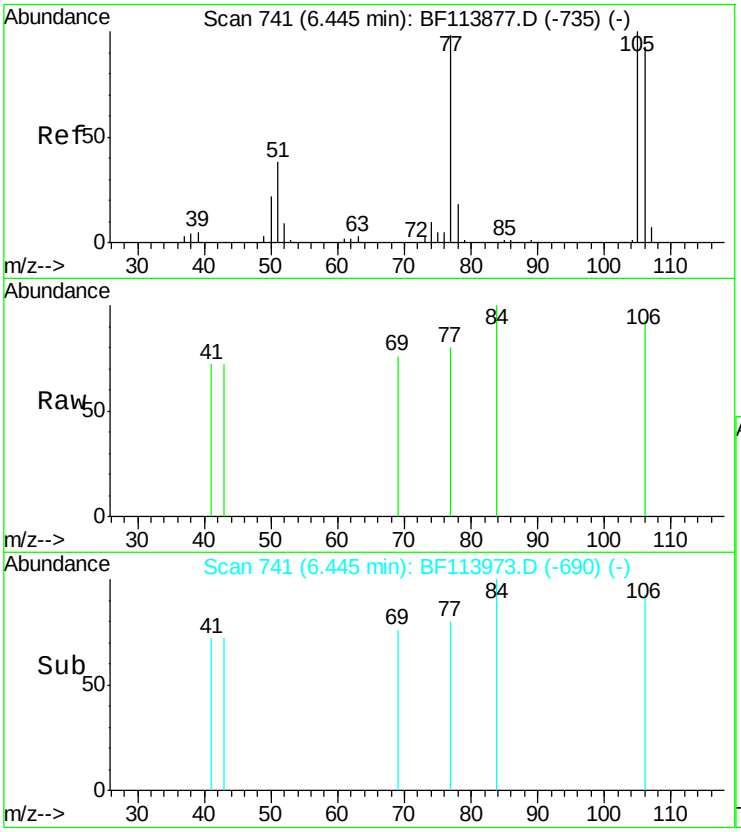


#7
Phenol-d6
Concen: 5.685 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Tgt Ion: 99 Resp: 49760

Ion	Ratio	Lower	Upper
99	100		
42	13.2	12.5	18.7
71	29.5	26.9	40.3



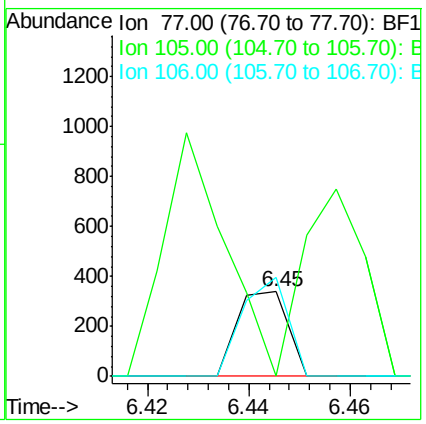


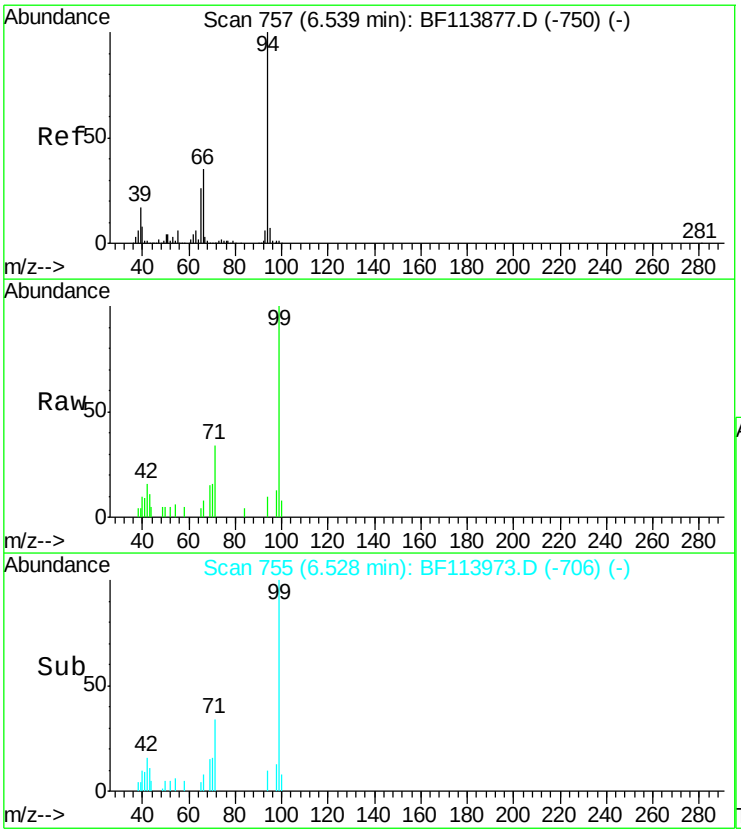
#9
Benzaldehyde
Concen: Below Cal
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 235

Ion	Ratio	Lower	Upper
77	100		
105	0.0	74.1	114.1#
106	117.4	70.3	110.3#

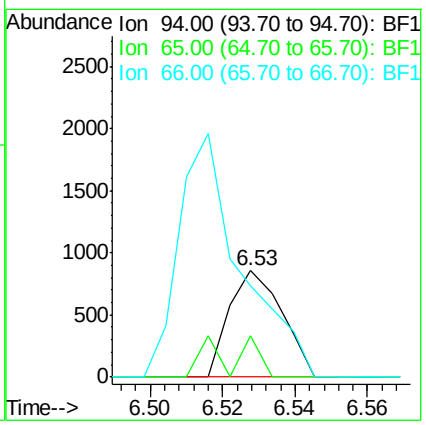


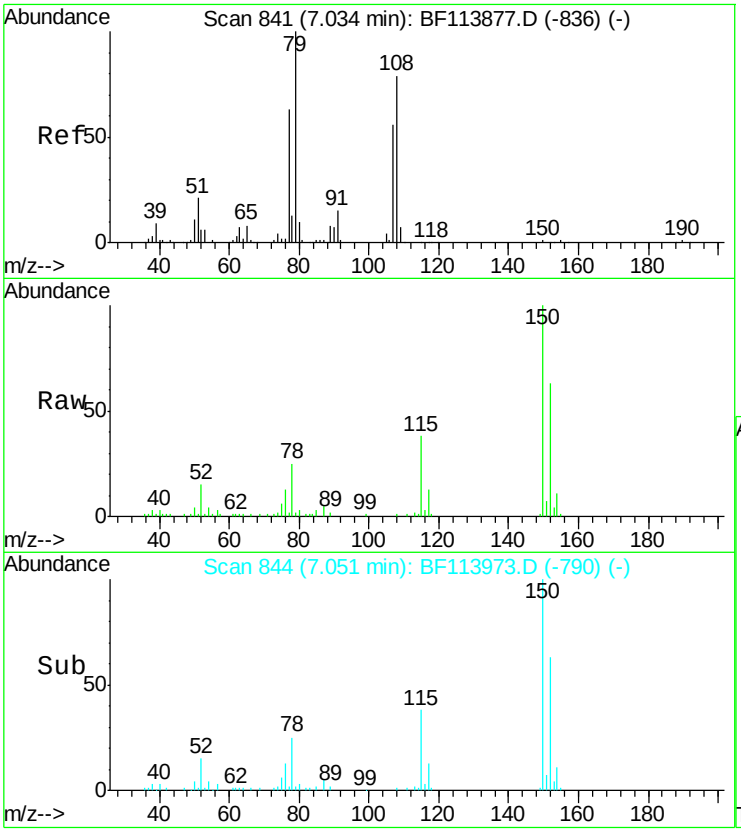


#10
Phenol
Concen: 0.083 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Tgt Ion: 94 Resp: 865

Ion	Ratio	Lower	Upper
94	100		
65	38.5	8.1	48.1
66	85.6	16.6	56.6#



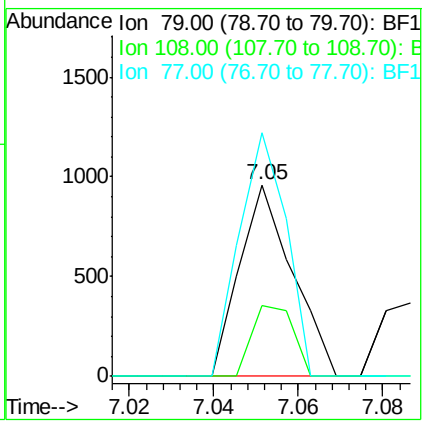


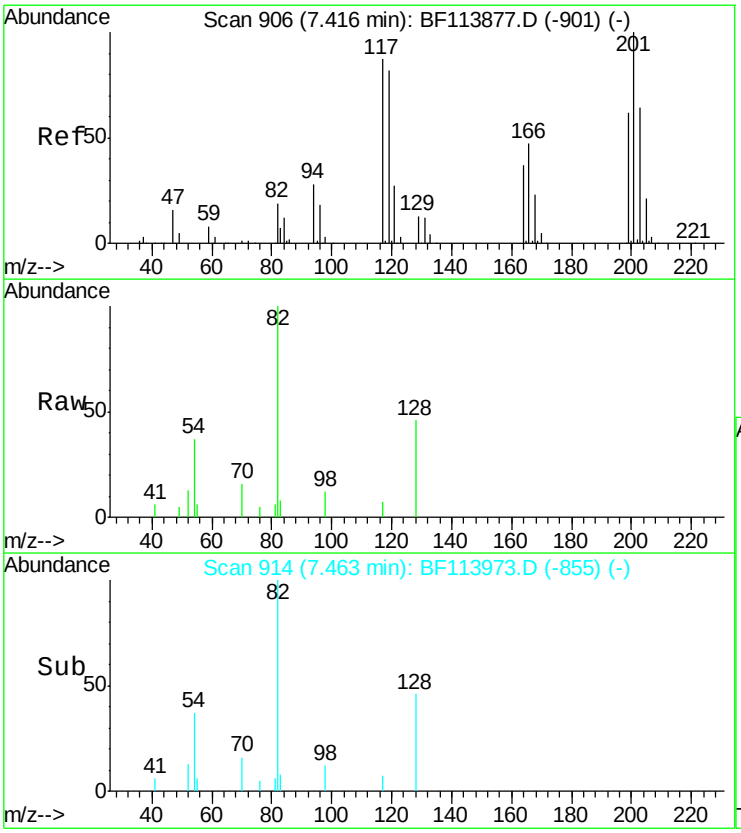
#15
Benzyl Alcohol
Concen: 0.142 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.02 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 837

Ion	Ratio	Lower	Upper
79	100		
108	36.7	61.4	92.0#
77	127.5	51.6	77.4#

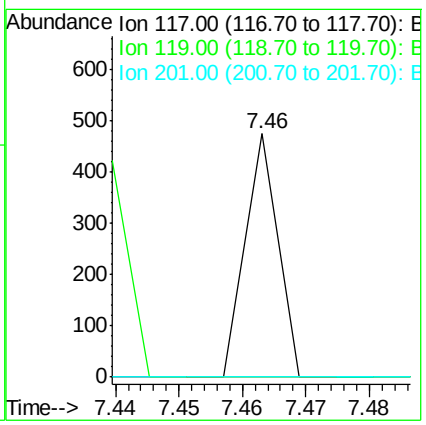


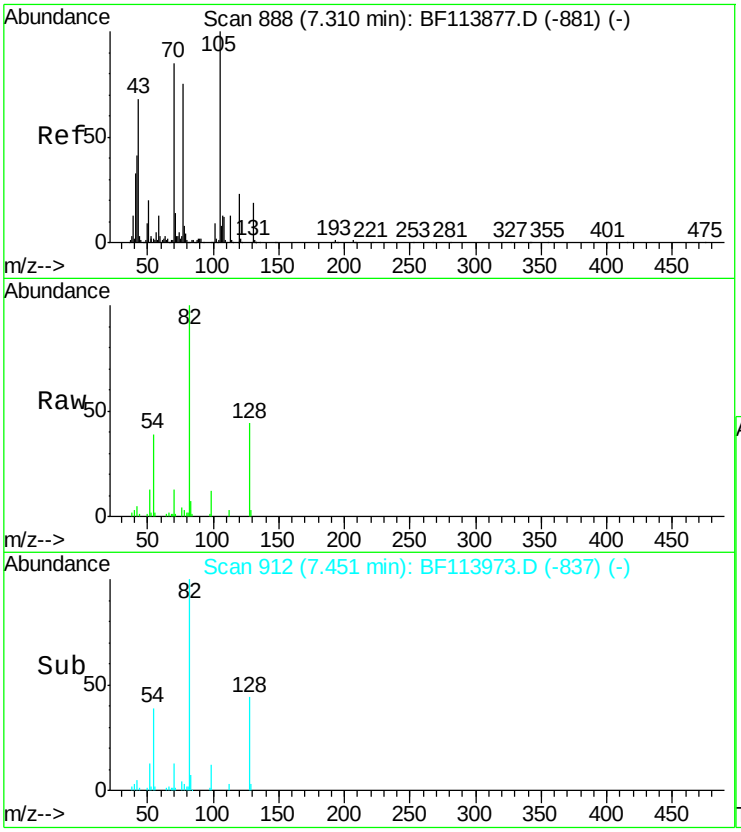


#18
Hexachloroethane
Concen: 0.053 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.05 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Tgt Ion:117 Resp: 168

Ion	Ratio	Lower	Upper
117	100		
119	0.0	74.4	111.6#
201	0.0	90.2	135.2#



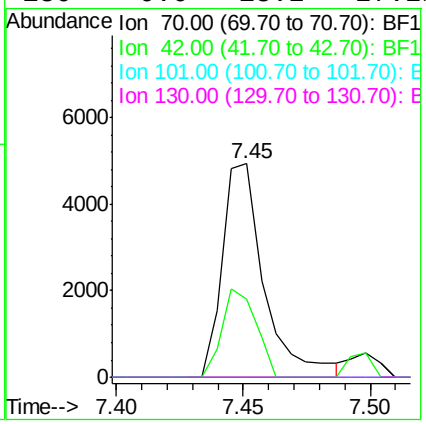


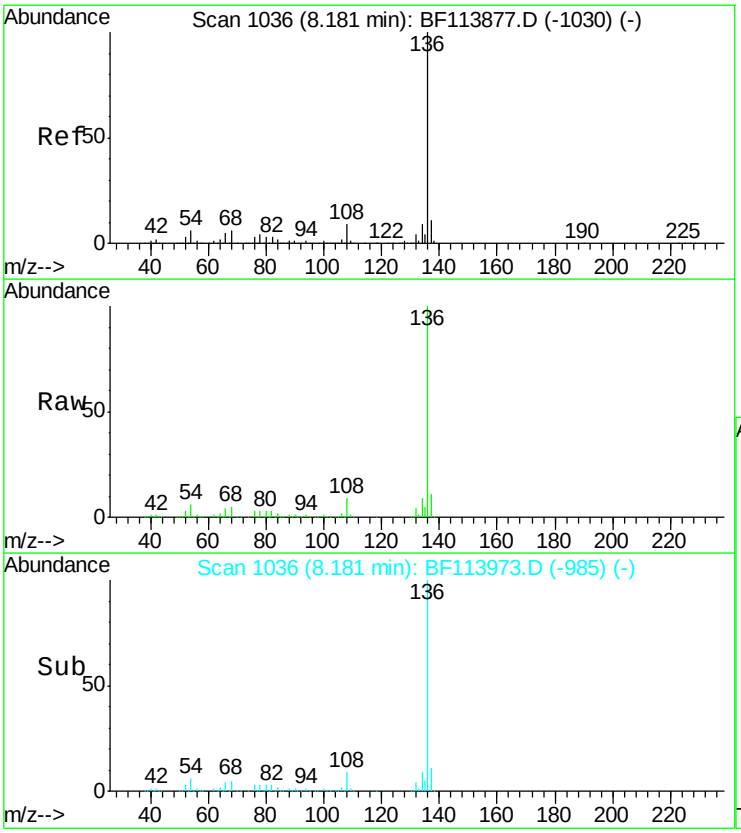
#19
n-Nitroso-di-n-propylamine
Concen: 1.001 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 5674

Ion	Ratio	Lower	Upper
70	100		
42	36.4	37.3	55.9#
101	0.0	7.8	11.8#
130	0.0	18.2	27.2#

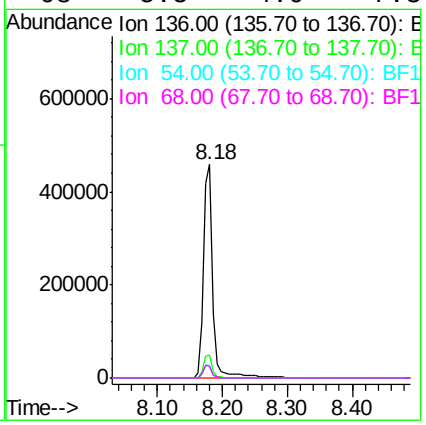


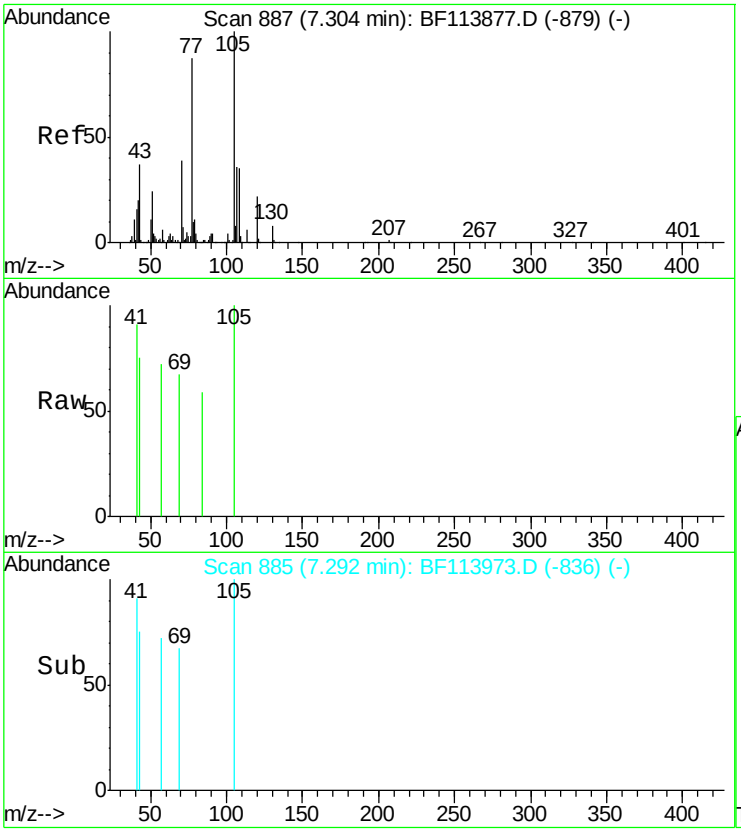


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Tgt Ion:136 Resp: 452563

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	5.8	5.0	7.6
68	5.5	4.9	7.3



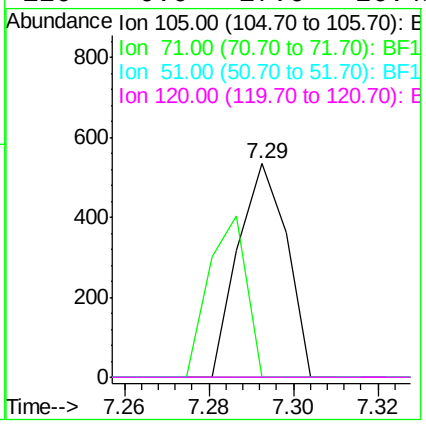


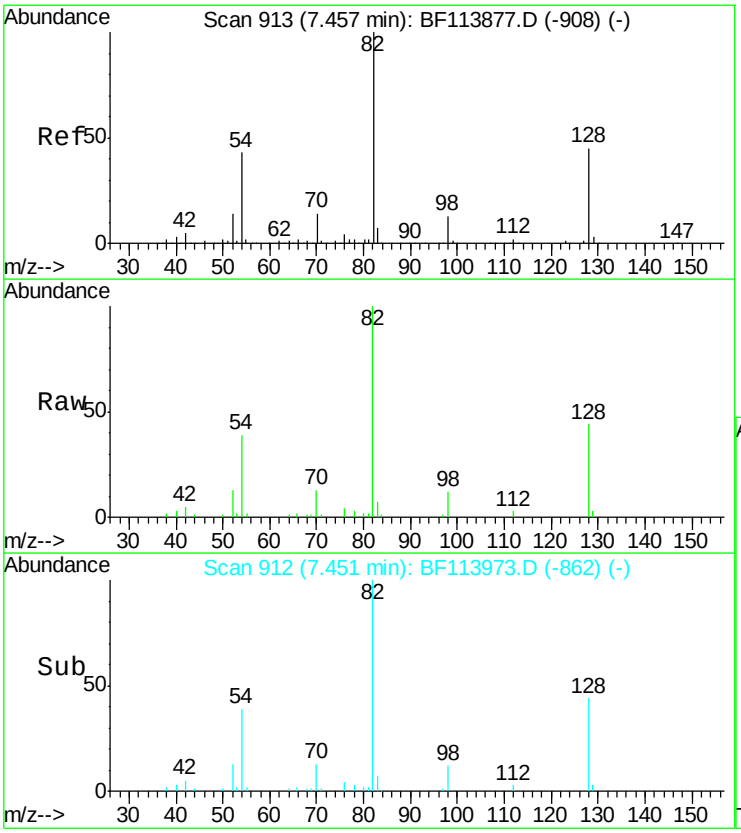
#22
Acetophenone
Concen: 0.042 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 428

Ion	Ratio	Lower	Upper
105	100		
71	0.0	6.1	9.1#
51	0.0	16.8	25.2#
120	0.0	17.6	26.4#

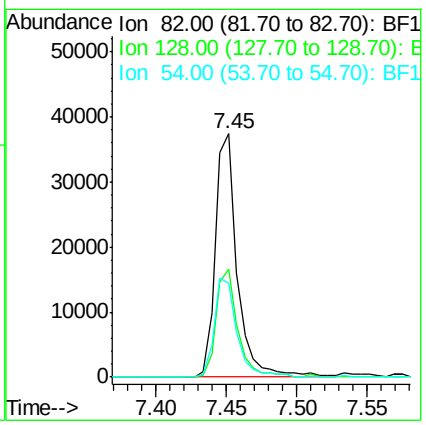


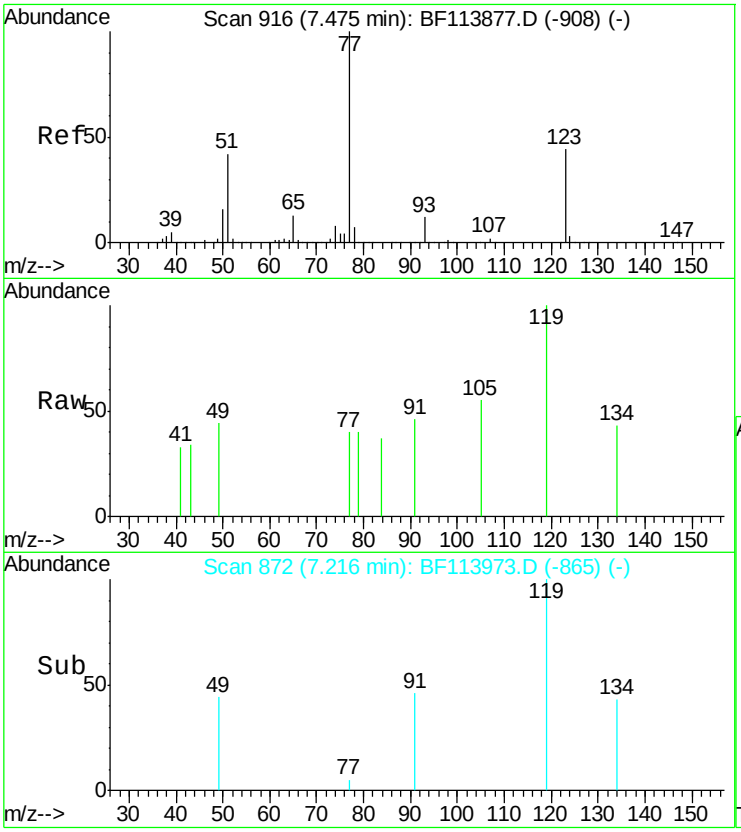


#23
Nitrobenzene-d5
Concen: 5.555 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Tgt Ion: 82 Resp: 40713

Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.8	55.2
54	38.8	33.8	50.6



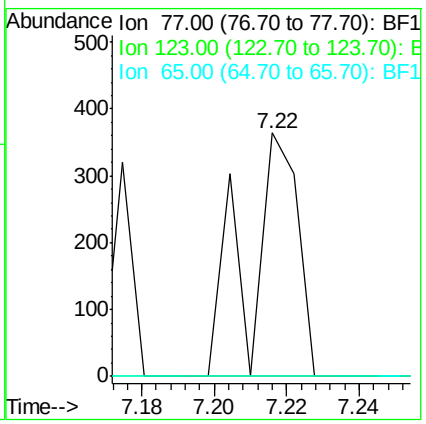


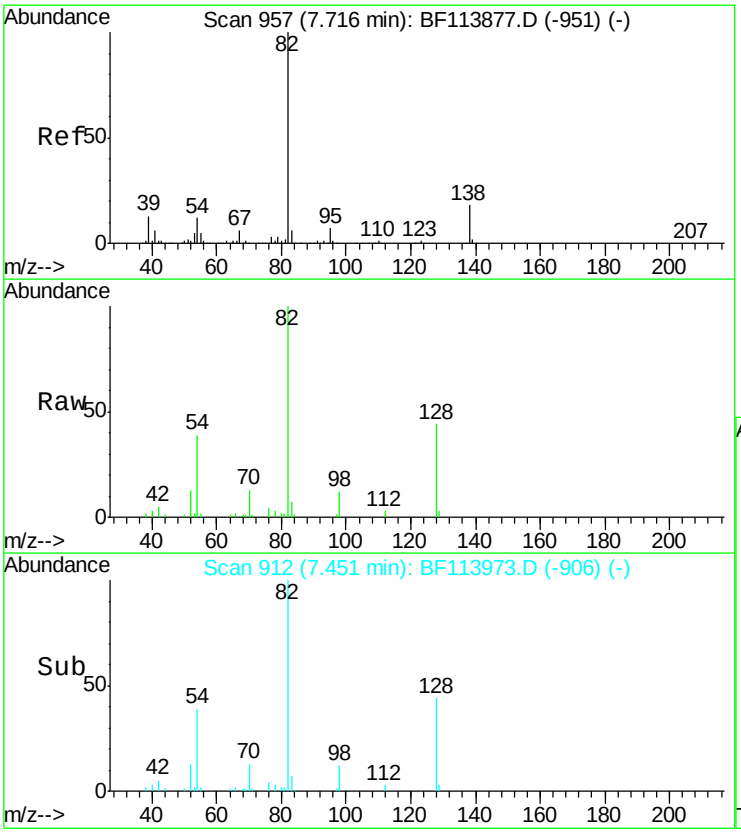
#24
Nitrobenzene
Concen: 0.042 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.26 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 342

Ion	Ratio	Lower	Upper
77	100		
123	0.0	36.3	54.5#
65	0.0	10.3	15.5#

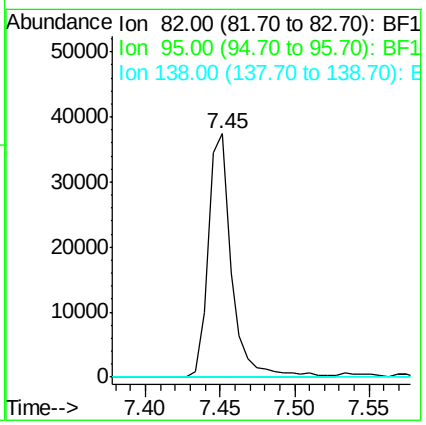


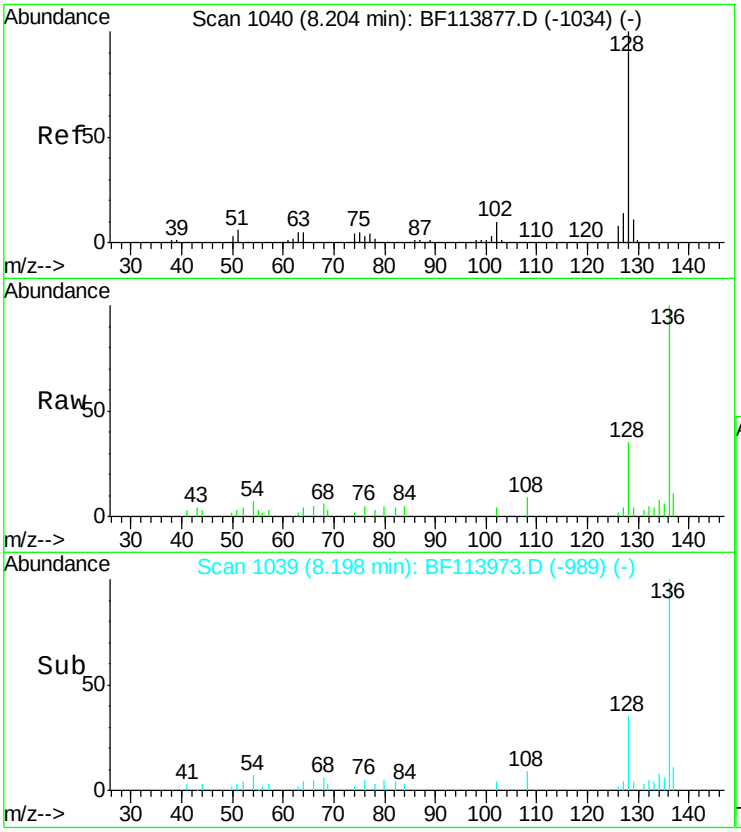


#25
Isophorone
Concen: 2.715 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Tgt Ion: 82 Resp: 40713

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	22.0#



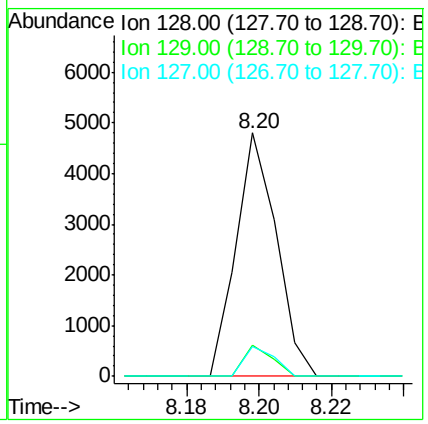


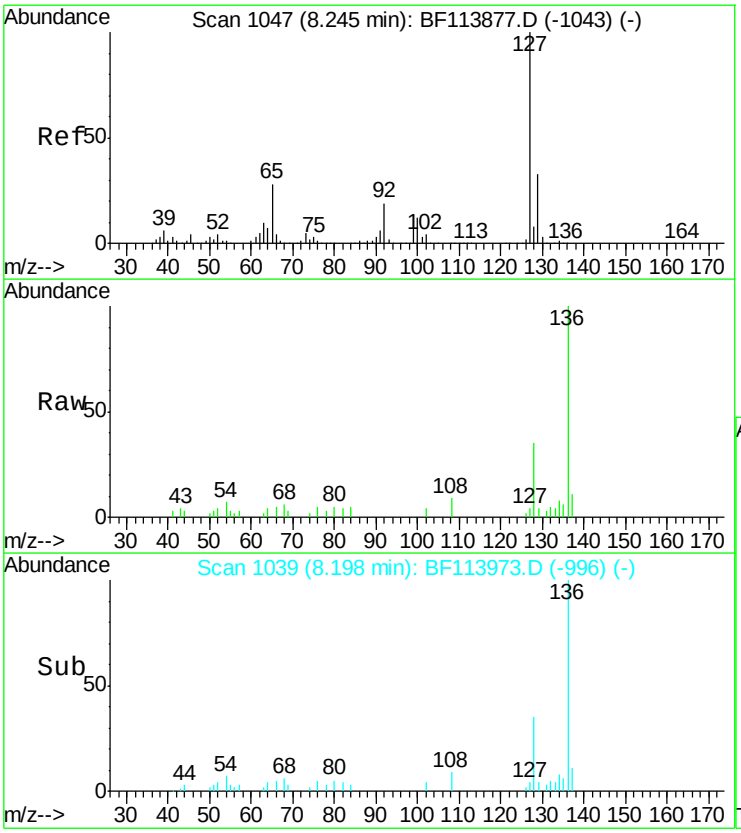
#31
Naphthalene
Concen: 0.174 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 3737

Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.4	14.0
127	12.2	10.8	16.2

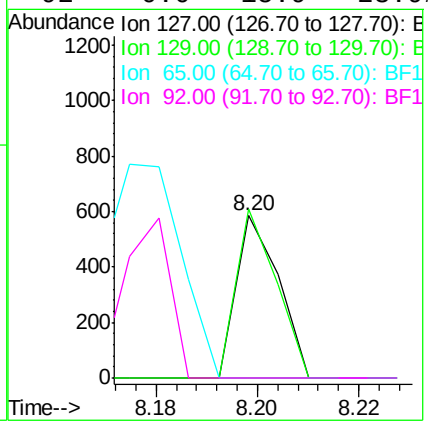


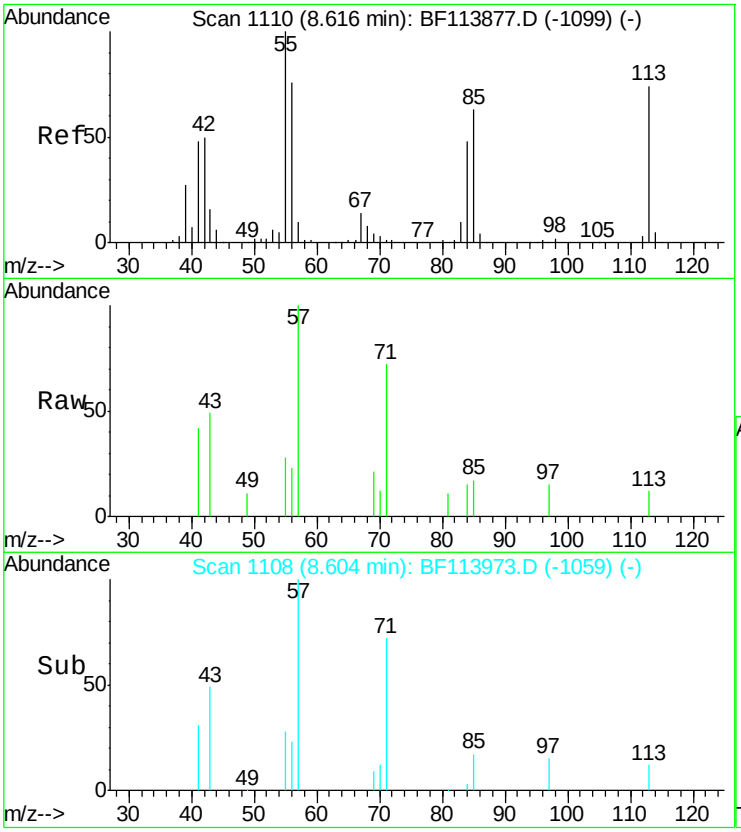


#33
4-Chloroaniline
Concen: 0.037 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.05 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Tgt Ion:127 Resp: 339

Ion	Ratio	Lower	Upper
127	100		
129	104.1	26.4	39.6#
65	0.0	24.9	37.3#
92	0.0	15.9	23.9#



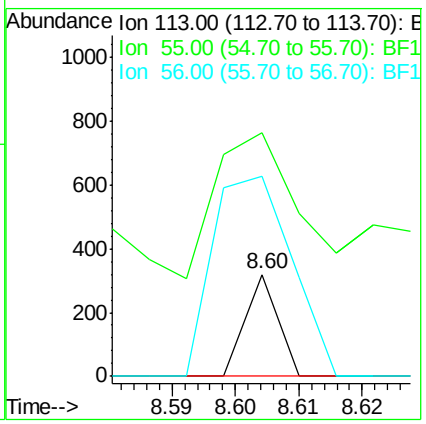


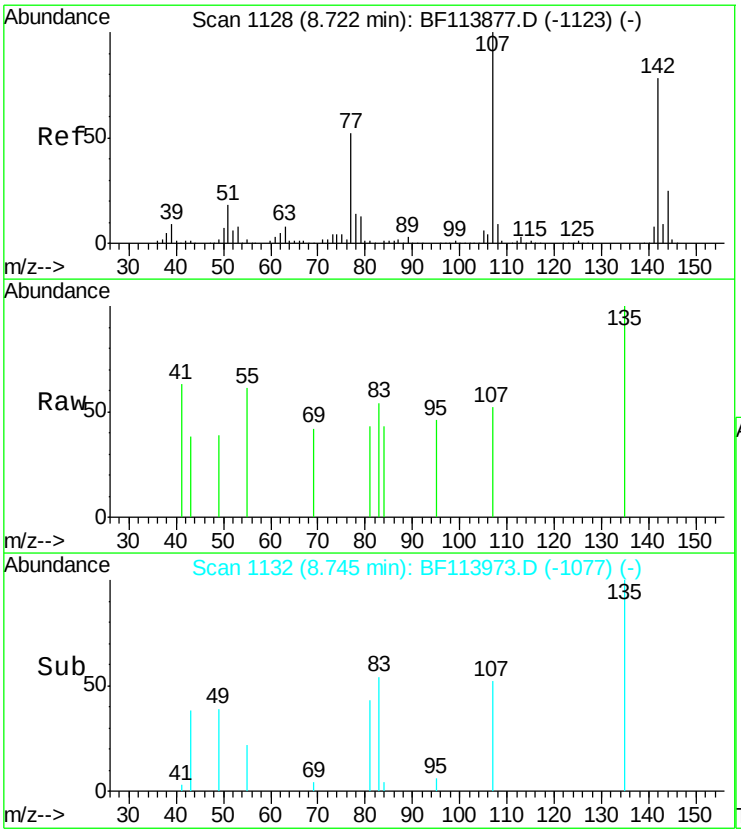
#35
Caprolactam
Concen: 0.052 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 113

Ion	Ratio	Lower	Upper
113	100		
55	239.5	128.6	168.6#
56	196.6	91.9	131.9#

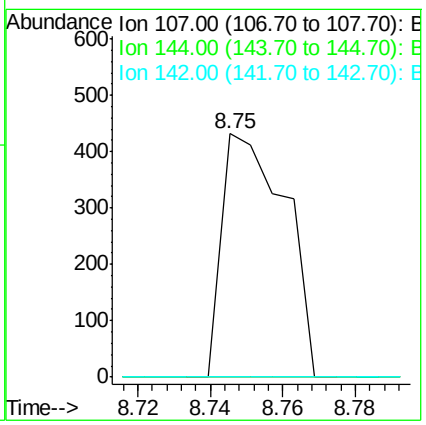


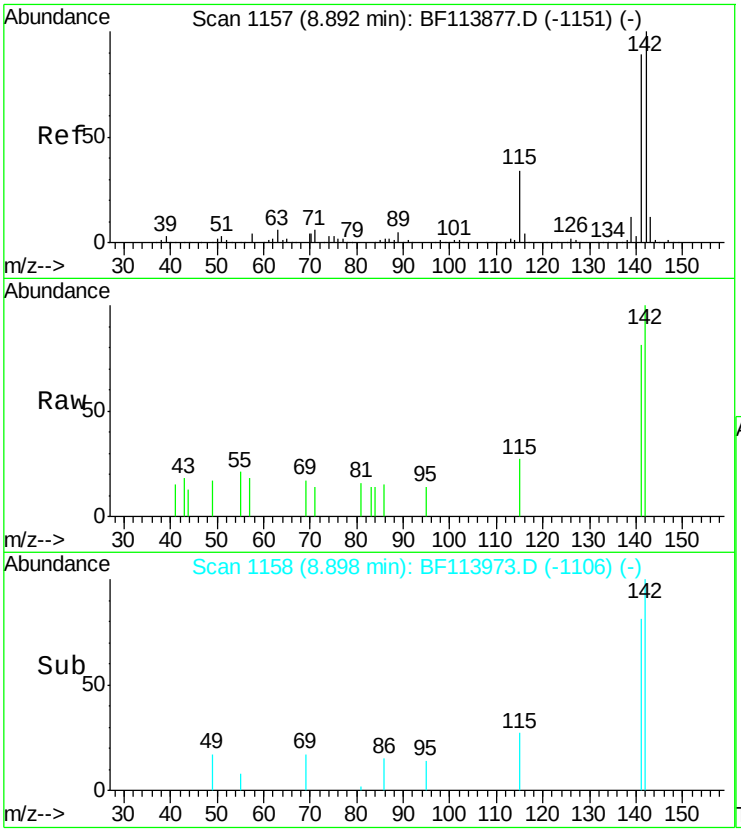


#36
4-Chloro-3-methylphenol
Concen: 0.077 ng
RT: 8.75 min Scan# 1132
Delta R.T. 0.02 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Tgt Ion:107 Resp: 524

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.5	30.7#
142	0.0	64.2	96.4#



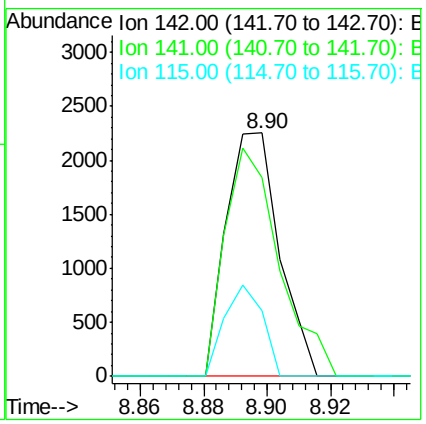


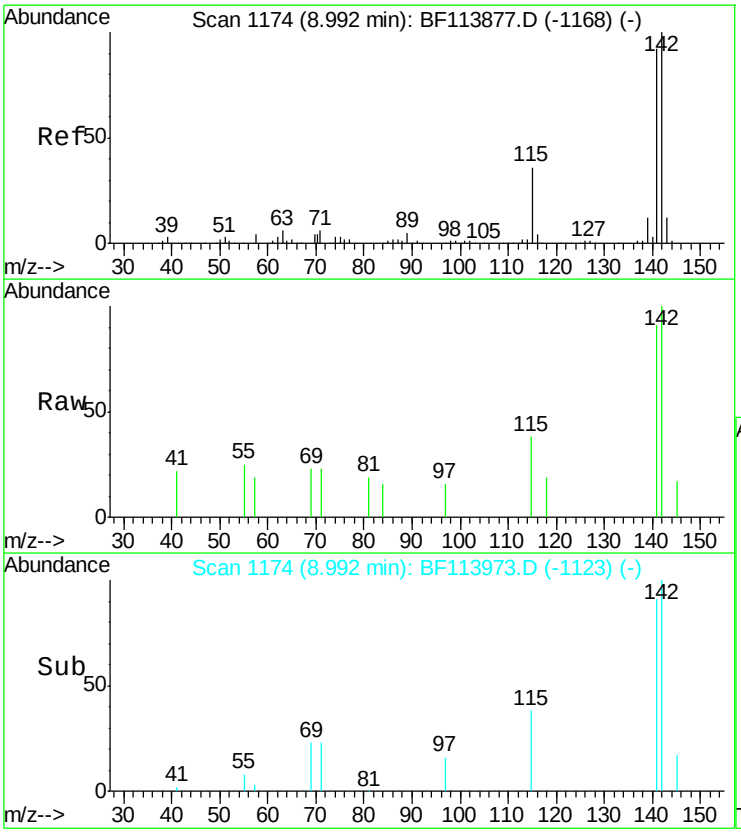
#37
2-Methylnaphthalene
Concen: 0.180 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 2616

Ion	Ratio	Lower	Upper
142	100		
141	81.5	70.4	105.6
115	27.1	26.3	39.5

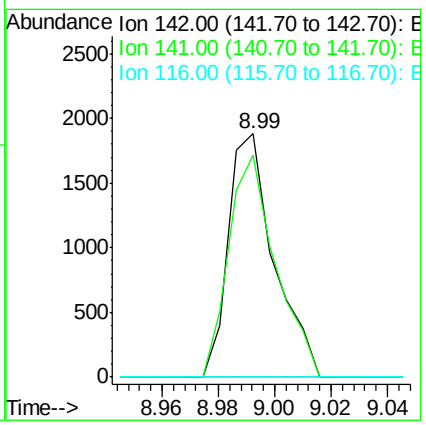


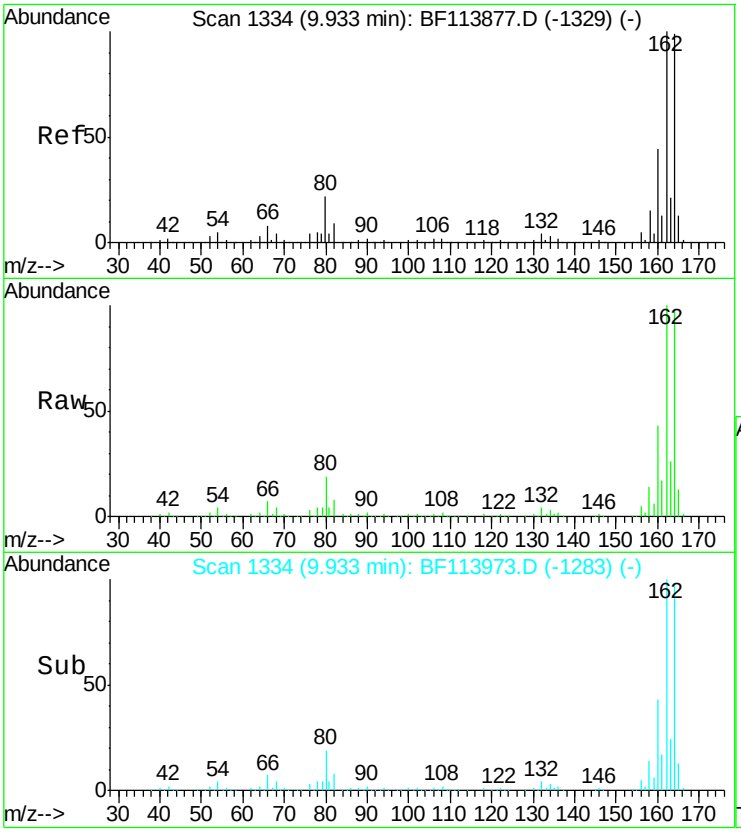


#38
1-Methylnaphthalene
Concen: 0.151 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Tgt Ion:142 Resp: 2108

Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.3	108.5
116	0.0	3.0	4.4#



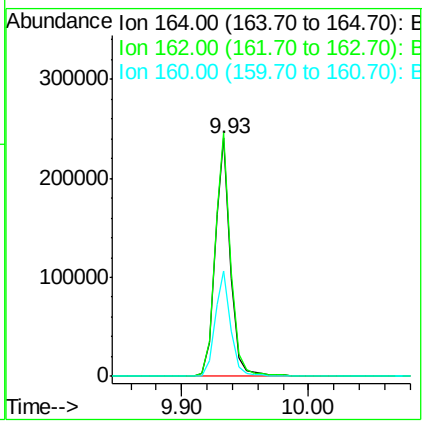


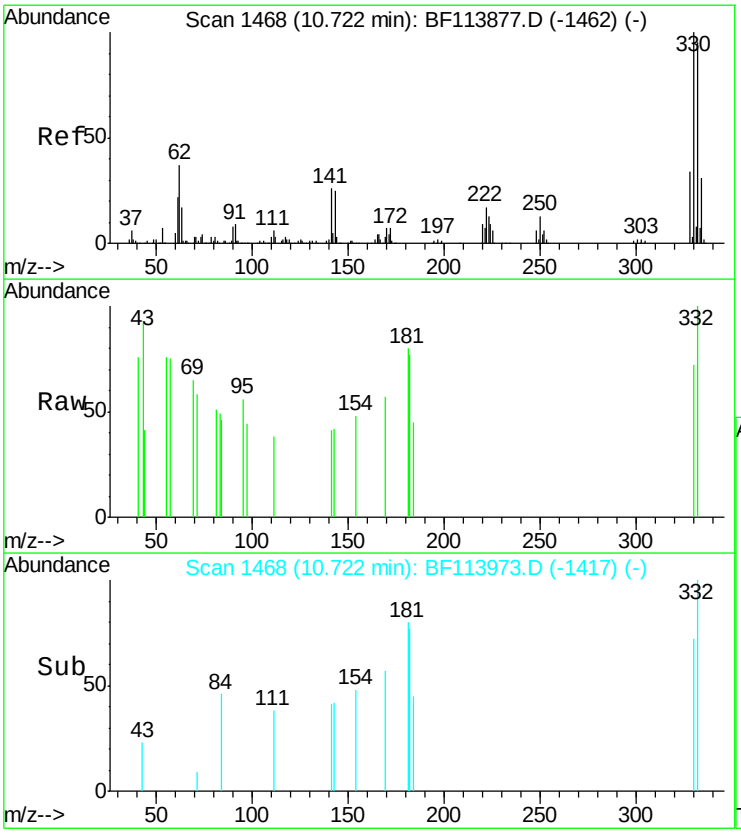
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 203920

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.1	121.7
160	44.3	35.8	53.6

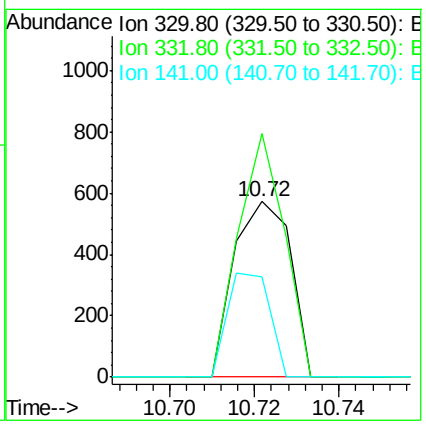


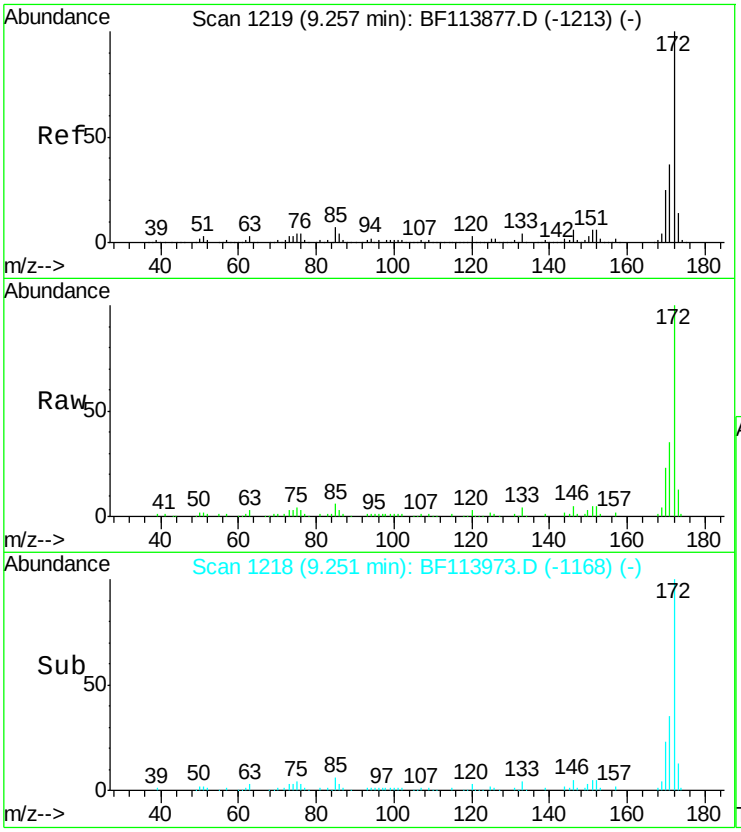


#42
2,4,6-Tribromophenol
Concen: 0.215 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Tgt Ion:330 Resp: 534

Ion	Ratio	Lower	Upper
330	100		
332	112.4	77.5	116.3
141	43.8	22.2	33.2#



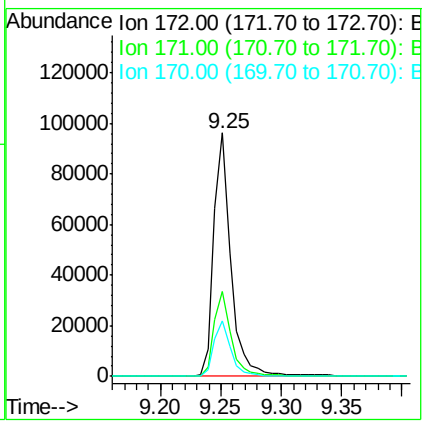


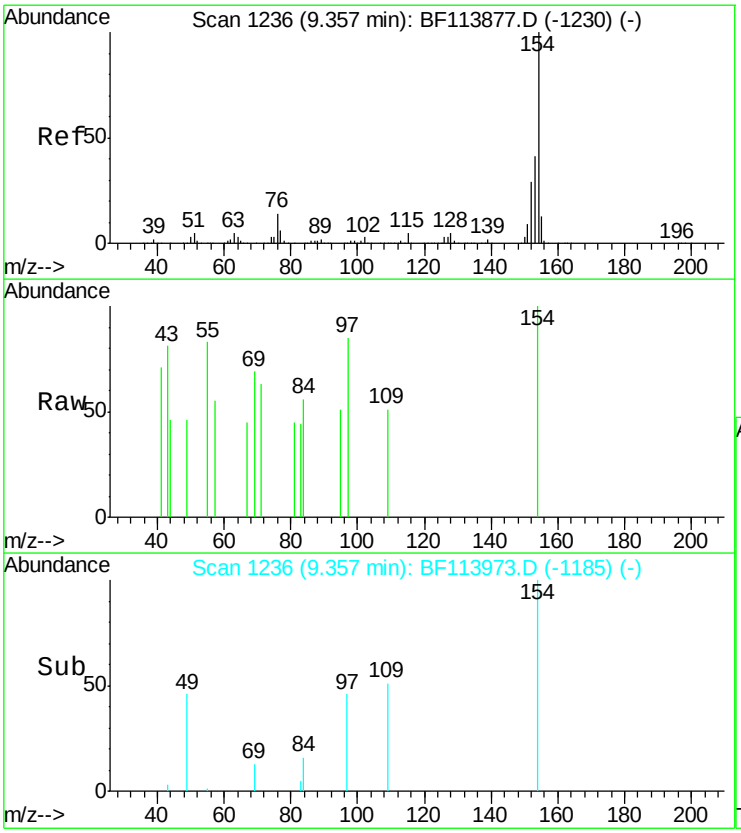
#45
2-Fluorobiphenyl
Concen: 7.192 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 93772

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.4	44.0
170	22.9	19.9	29.9

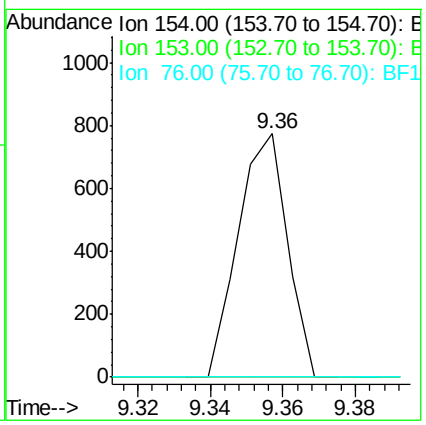


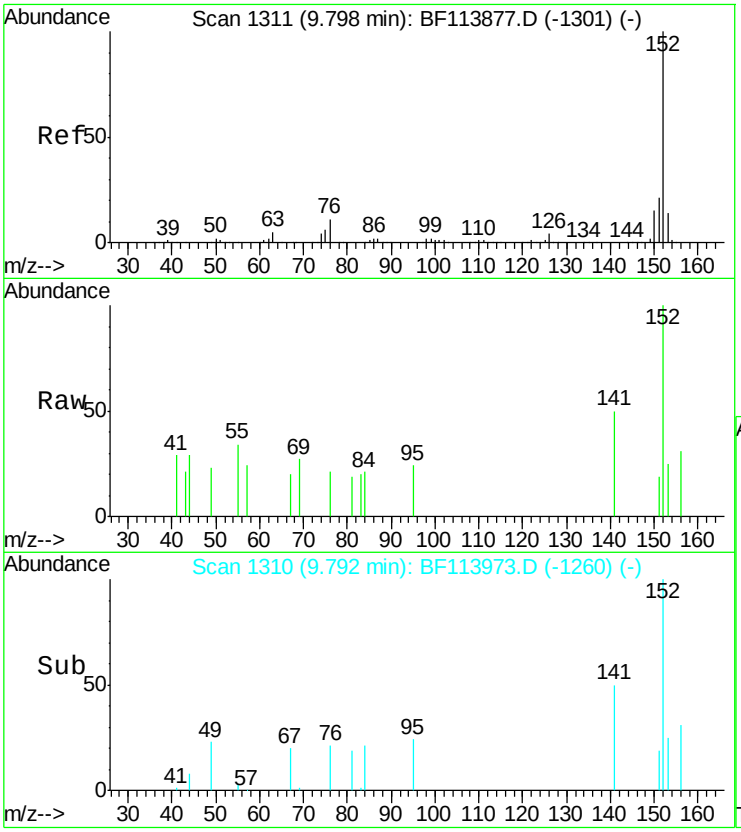


#46
1,1'-Biphenyl
Concen: 0.047 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Tgt Ion:154 Resp: 734

Ion	Ratio	Lower	Upper
154	100		
153	0.0	20.8	60.8#
76	0.0	0.0	35.2



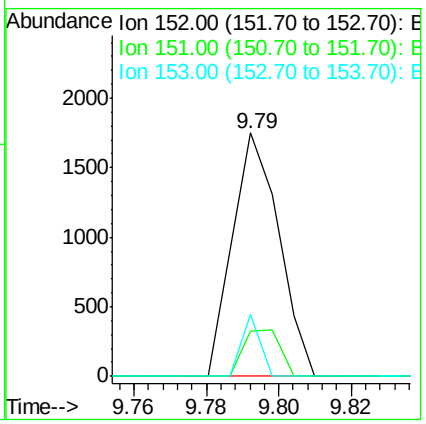


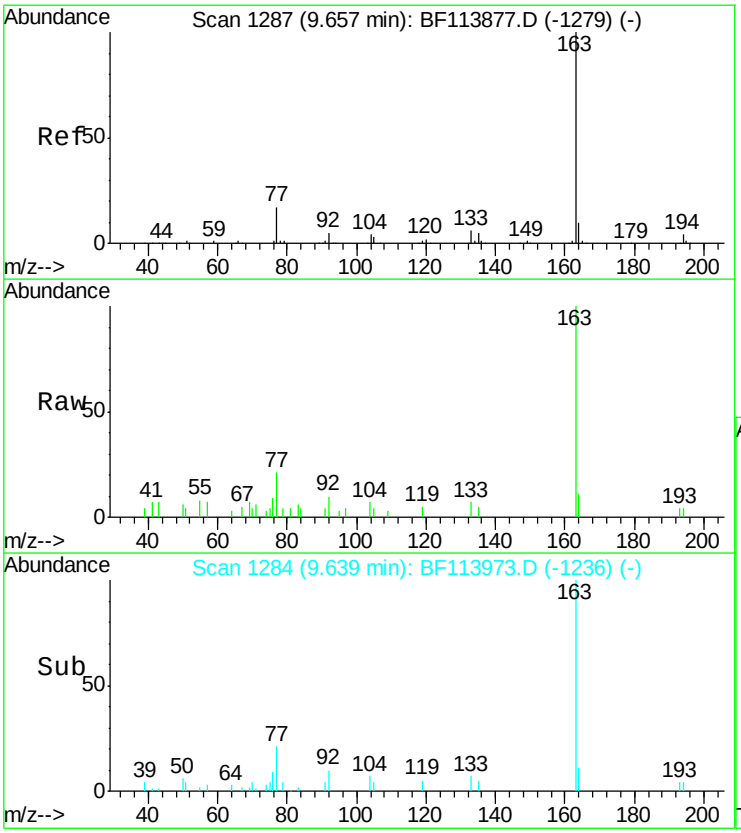
#49
Acenaphthylene
Concen: 0.078 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 1551

Ion	Ratio	Lower	Upper
152	100		
151	18.7	17.0	25.4
153	25.1	11.0	16.6#

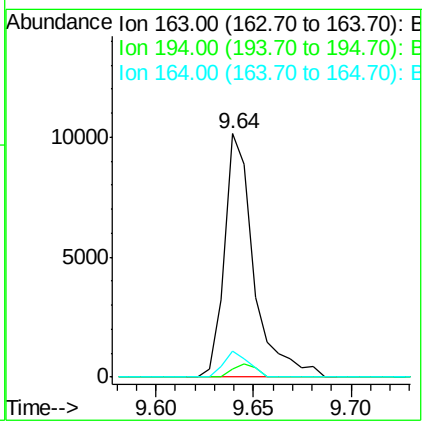


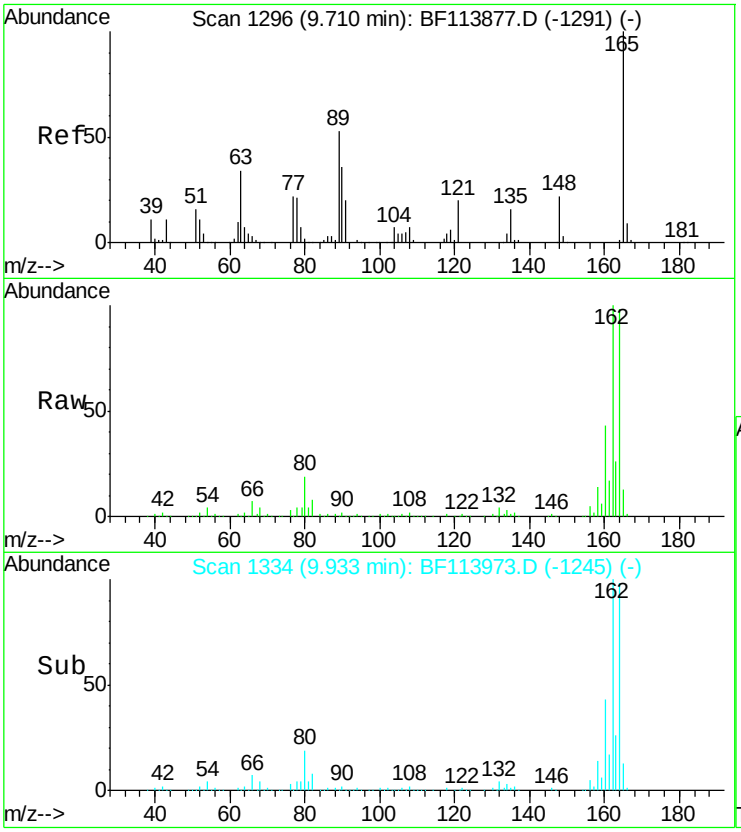


#50
Dimethylphthalate
Concen: 0.717 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Tgt Ion:163 Resp: 10574

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.4	5.2
164	10.6	8.5	12.7



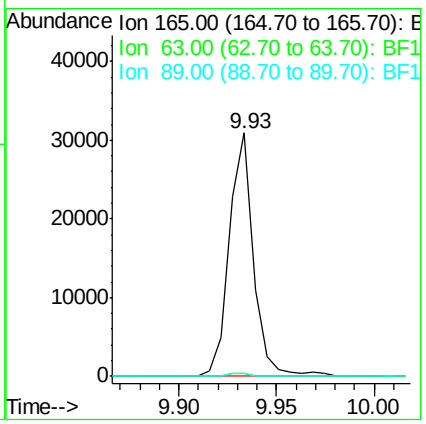


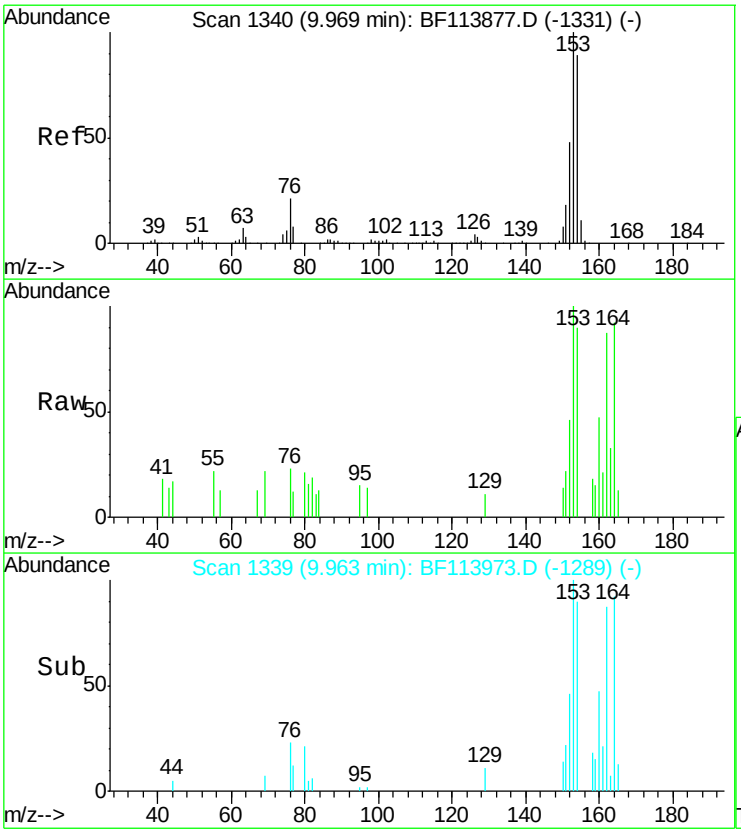
#51
2,6-Dinitrotoluene
Concen: 8.424 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.22 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26652

Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.8	50.8#
89	1.3	38.2	57.2#

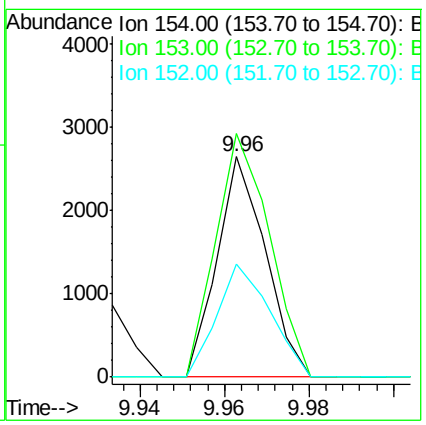


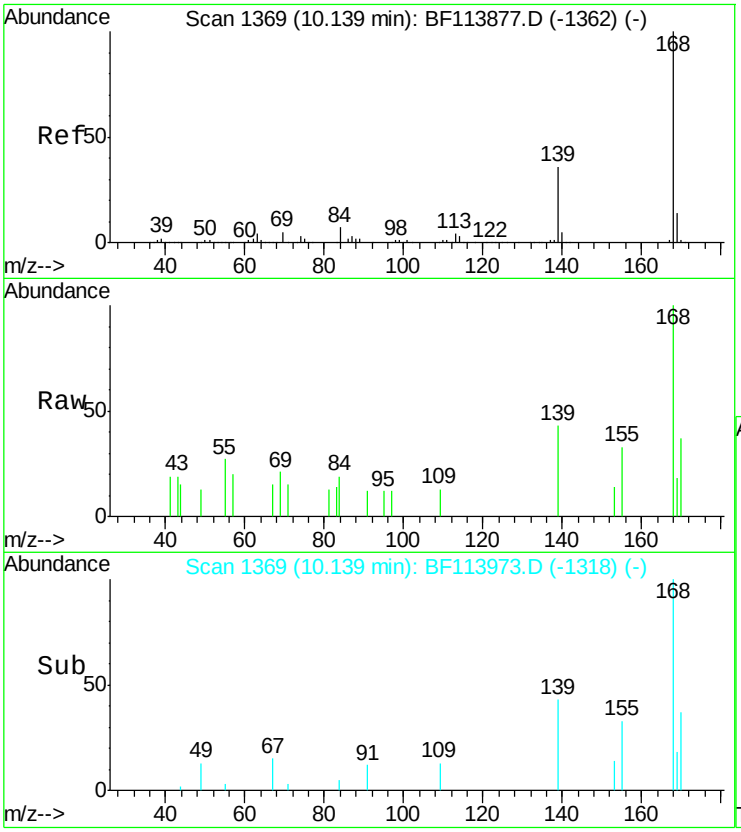


#52
Acenaphthene
Concen: 0.179 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Tgt Ion:154 Resp: 2100

Ion	Ratio	Lower	Upper
154	100		
153	110.6	87.2	130.8
152	51.4	42.3	63.5



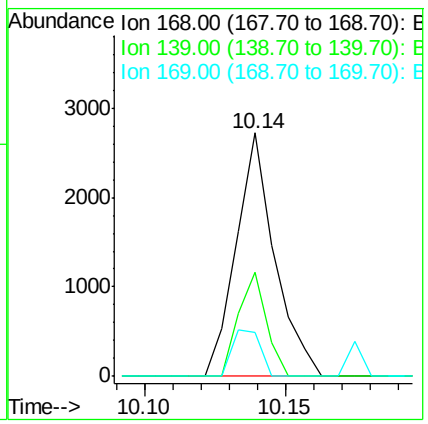


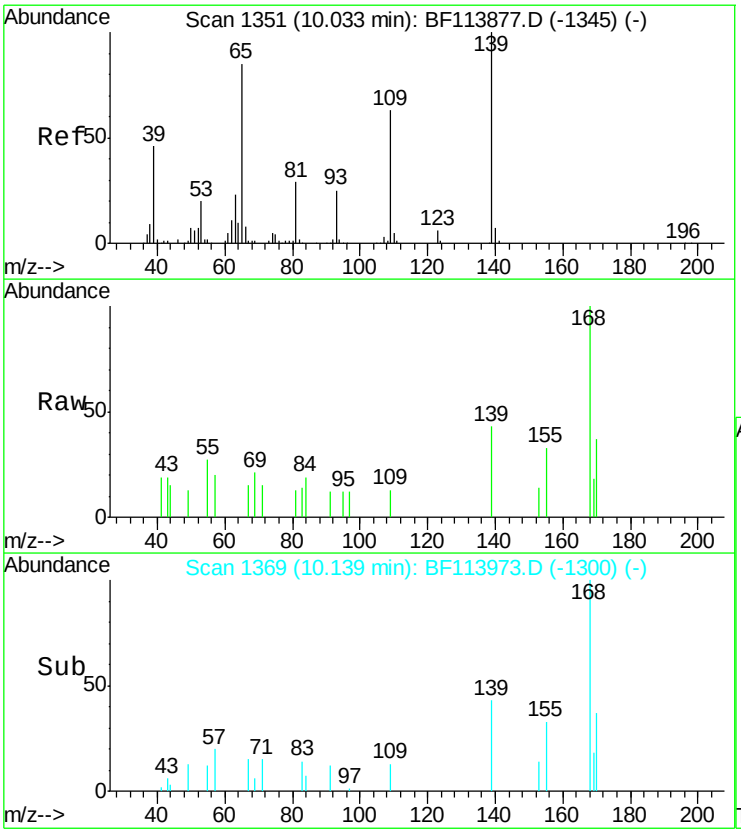
#55
Dibenzofuran
Concen: 0.147 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 2577

Ion	Ratio	Lower	Upper
168	100		
139	42.7	27.8	41.6#
169	17.8	11.0	16.6#

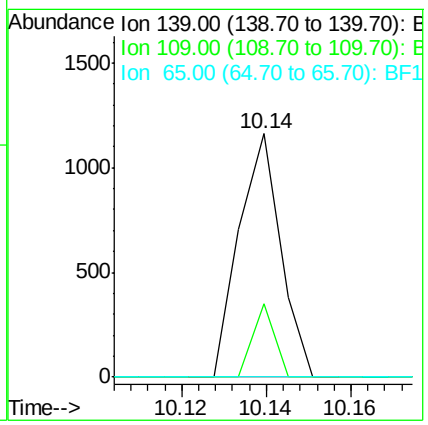


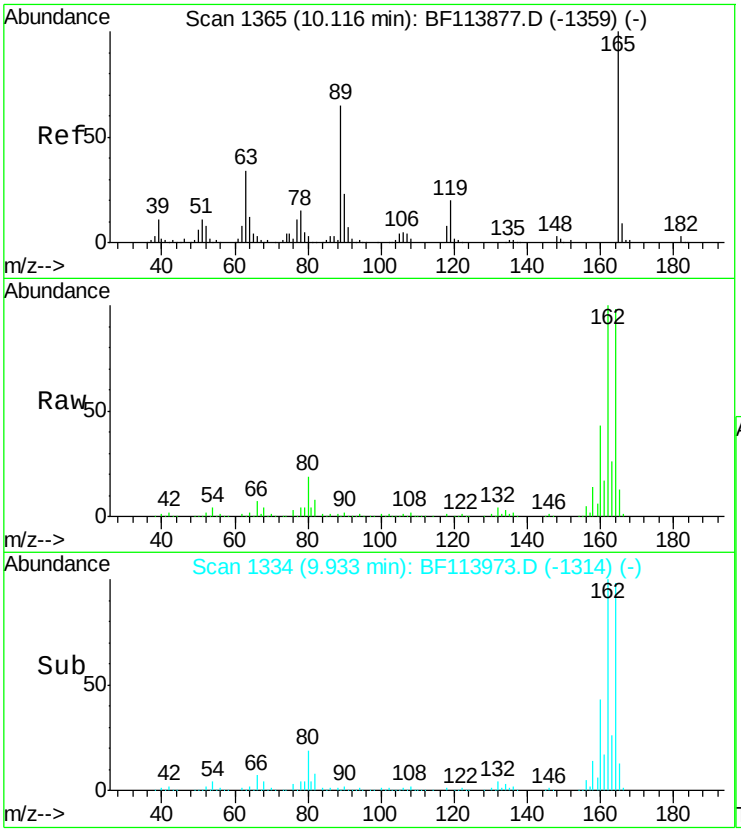


#56
4-Nitrophenol
Concen: 0.301 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.11 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Tgt Ion:139 Resp: 793

Ion	Ratio	Lower	Upper
139	100		
109	29.9	42.9	82.9#
65	0.0	64.4	104.4#



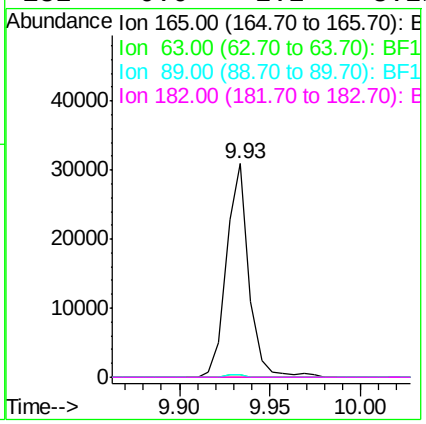


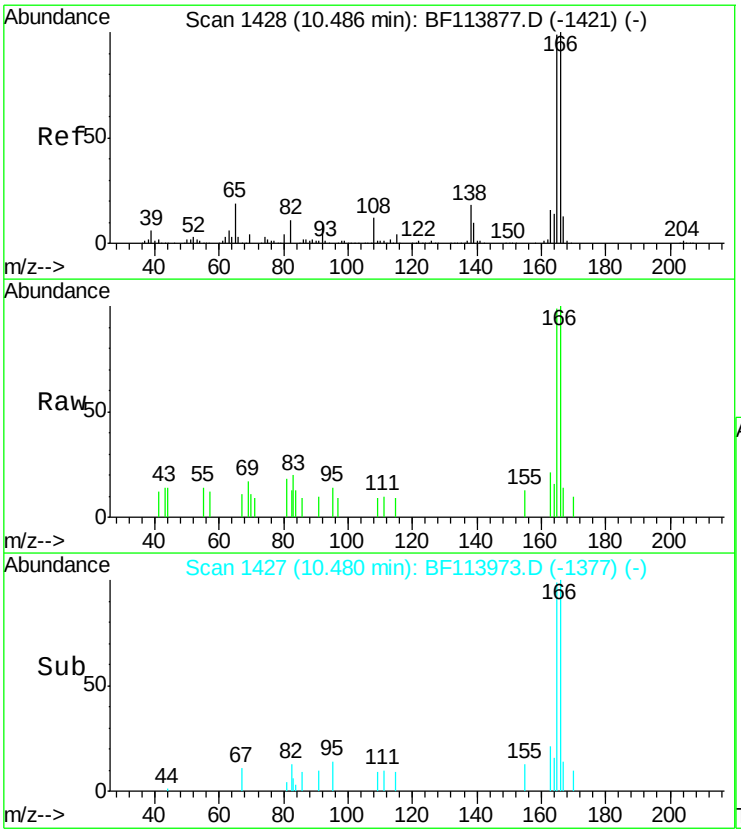
#57
2,4-Dinitrotoluene
Concen: 6.672 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26647

Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.4	41.0#
89	1.3	51.8	77.6#
182	0.0	2.2	3.2#

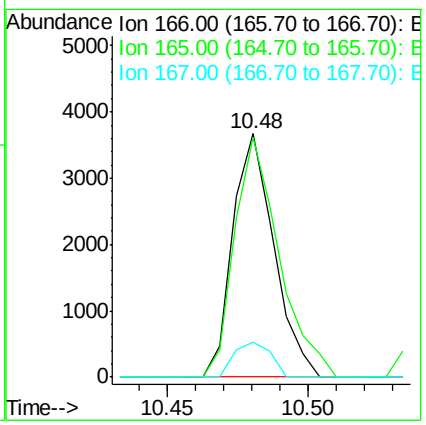


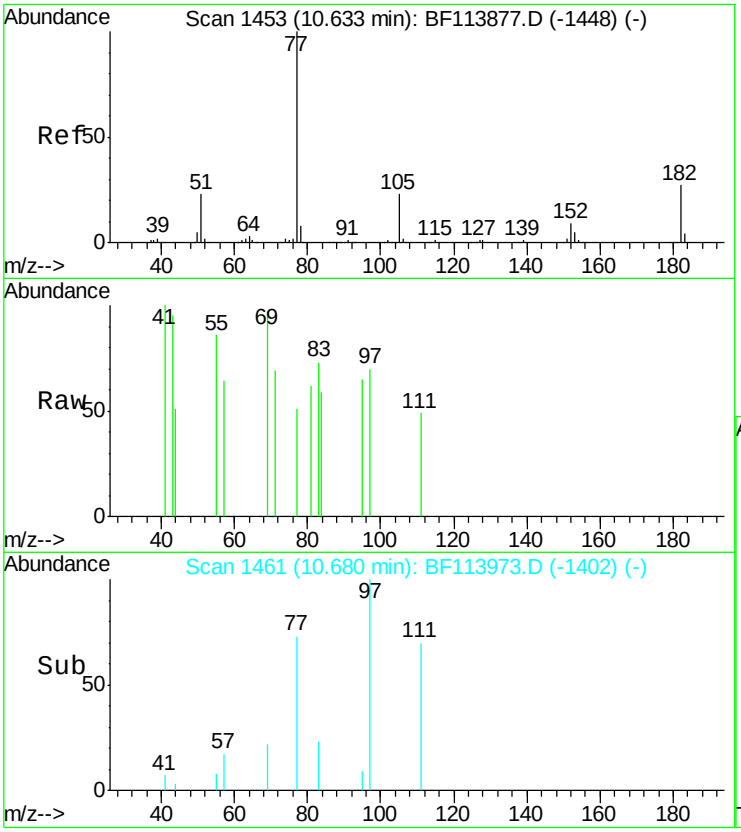


#58
Fluorene
Concen: 0.280 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Tgt Ion:166 Resp: 3703

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.4	117.6
167	14.3	10.9	16.3



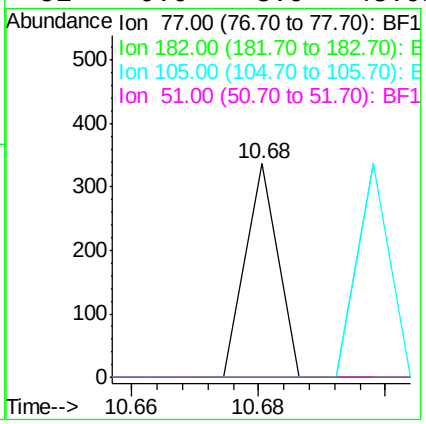


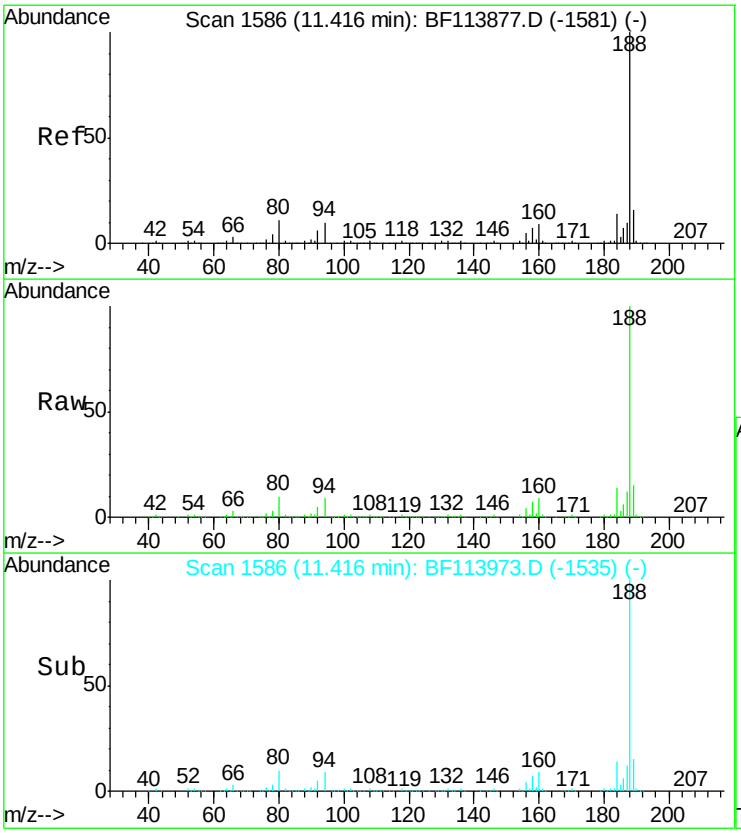
#63
Azobenzene
Concen: 0.009 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.05 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 119

Ion	Ratio	Lower	Upper
77	100		
182	0.0	4.4	44.4#
105	0.0	2.2	42.2#
51	0.0	3.9	43.9#

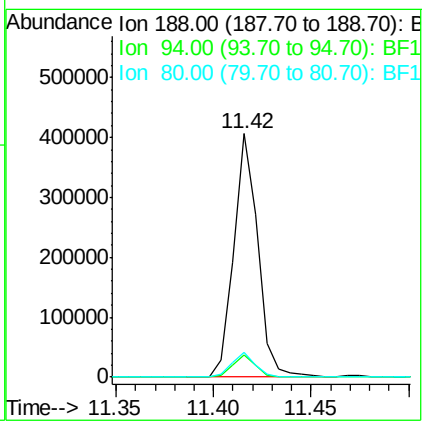


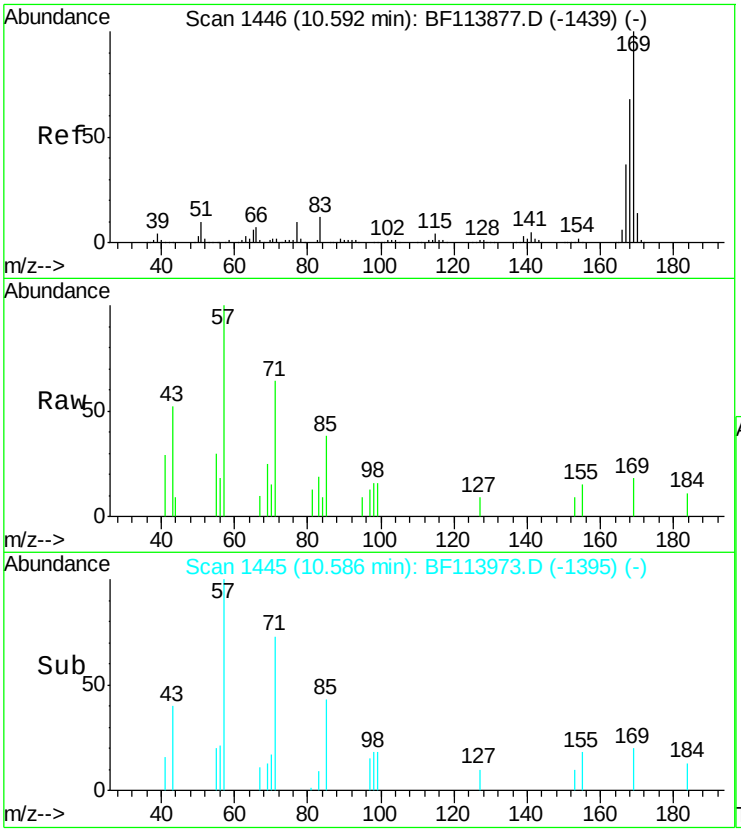


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Tgt Ion:188 Resp: 348160

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.4
80	10.4	9.0	13.6



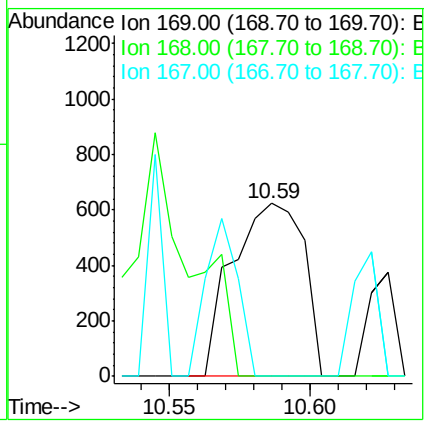


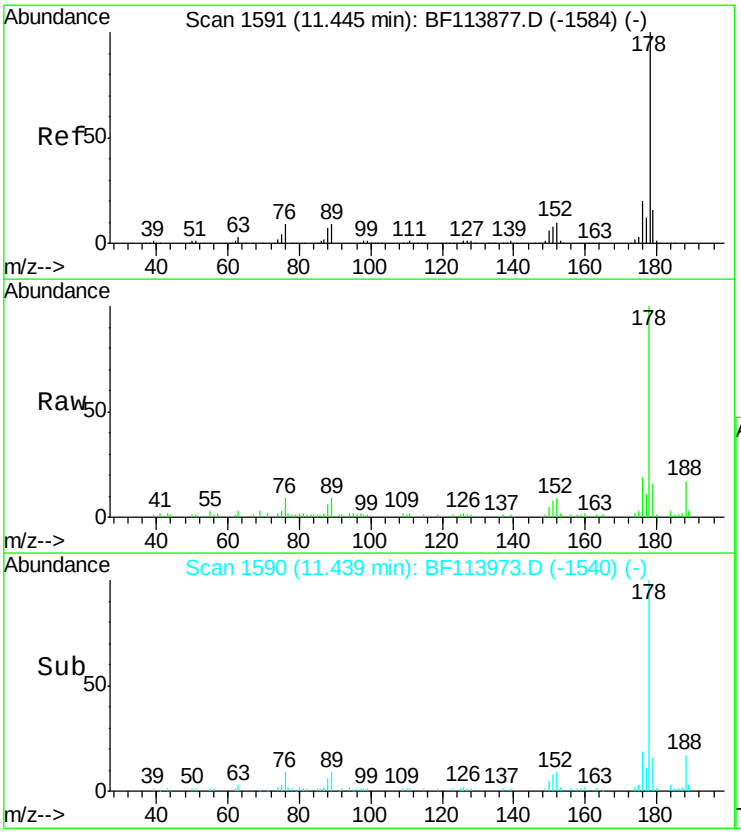
#66
n-Nitrosodiphenylamine
Concen: 0.104 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 1091

Ion	Ratio	Lower	Upper
169	100		
168	0.0	54.3	81.5#
167	0.0	29.4	44.0#

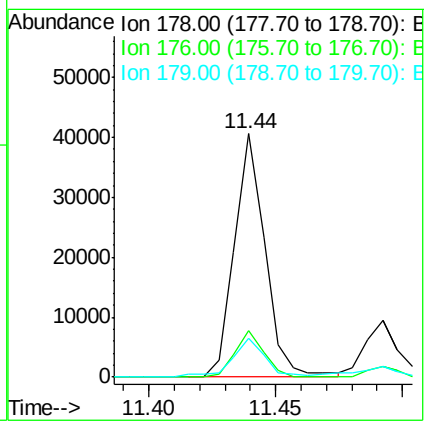


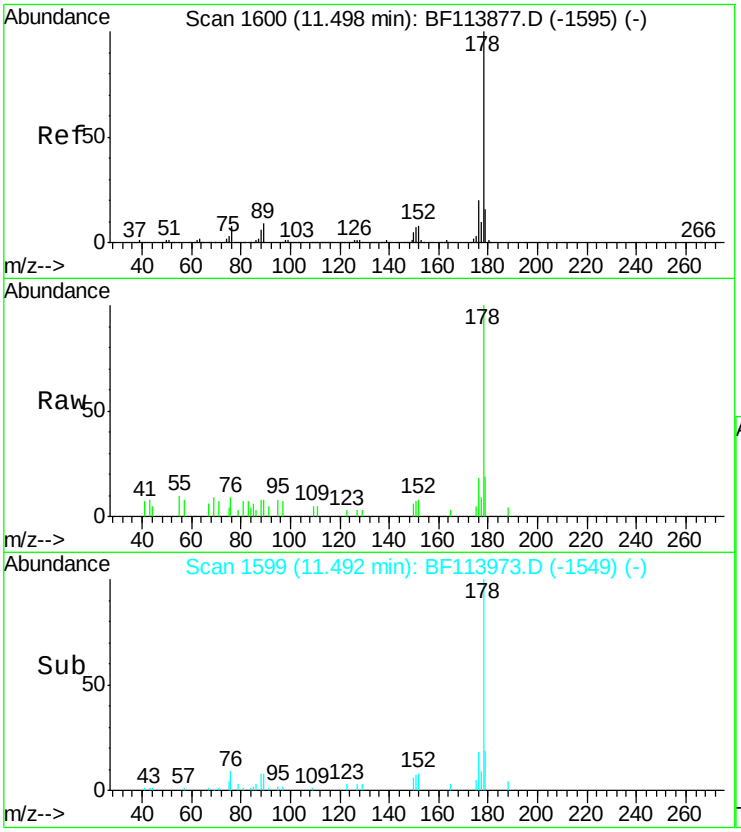


#71
Phenanthrene
Concen: 1.958 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Tgt Ion:178 Resp: 34258

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.1	24.1
179	16.2	12.8	19.2



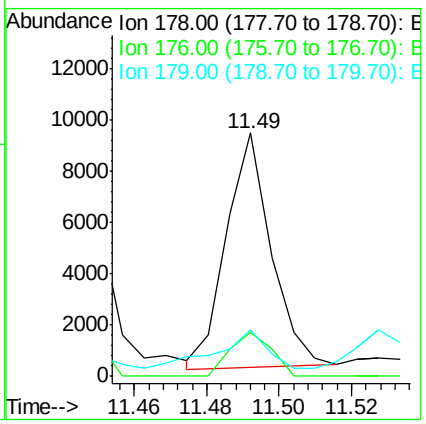


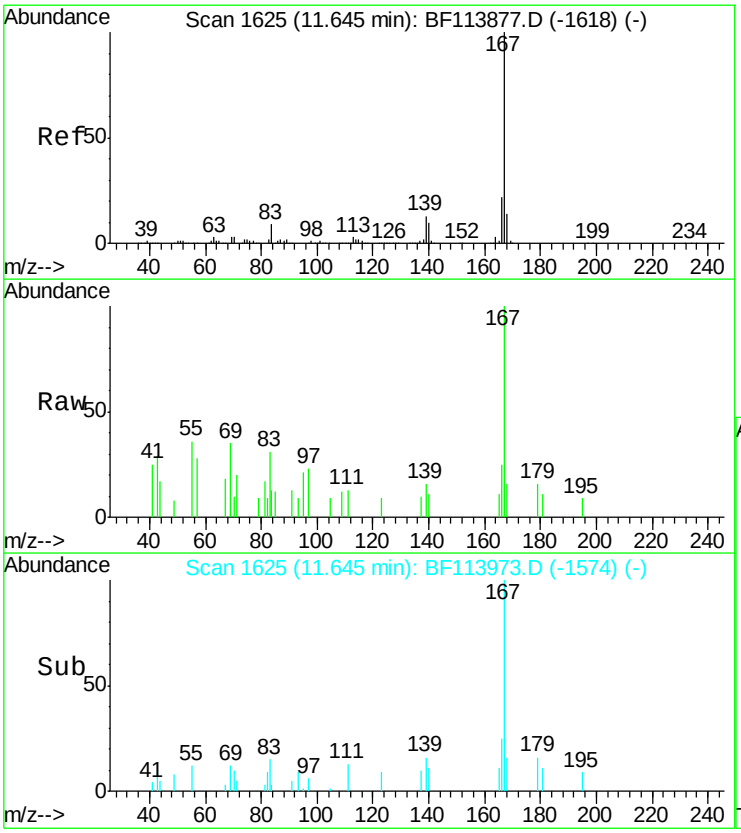
#72
Anthracene
Concen: 0.447 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 7898

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.7	23.5
179	18.9	13.0	19.4

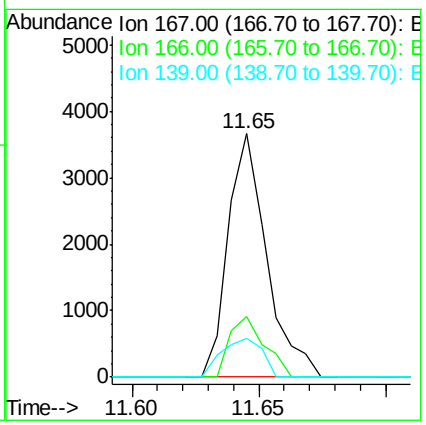


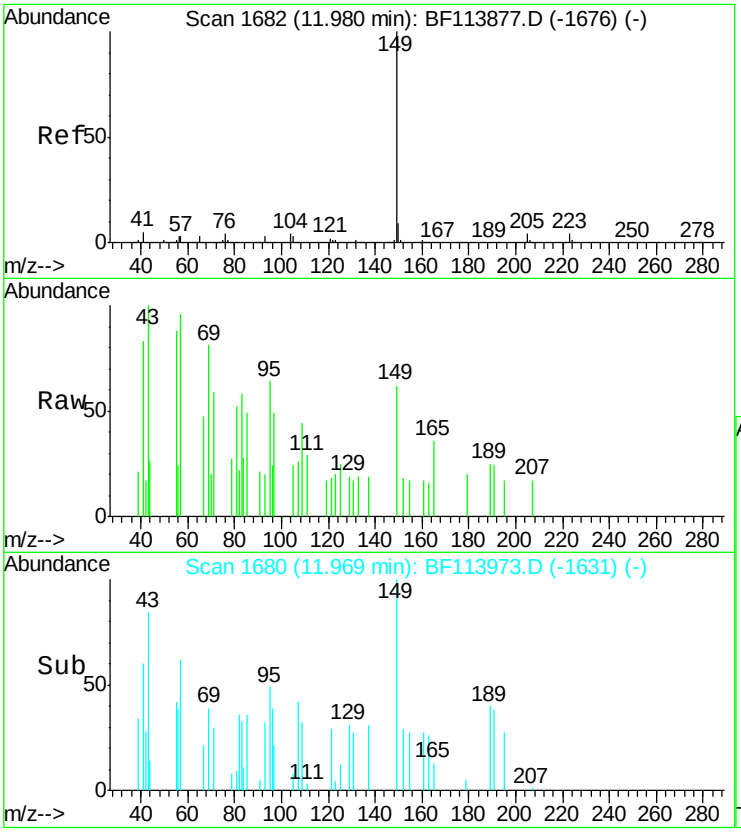


#73
Carbazole
Concen: 0.245 ng
RT: 11.65 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Tgt Ion:167 Resp: 3864

Ion	Ratio	Lower	Upper
167	100		
166	25.0	17.7	26.5
139	16.0	10.0	15.0#



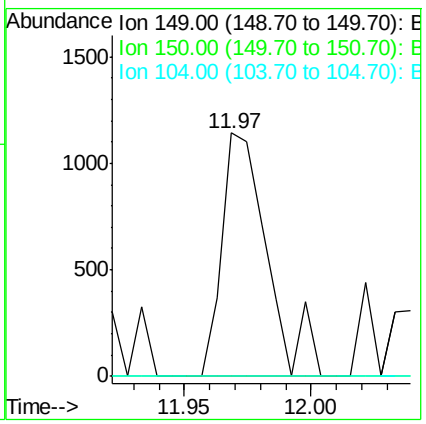


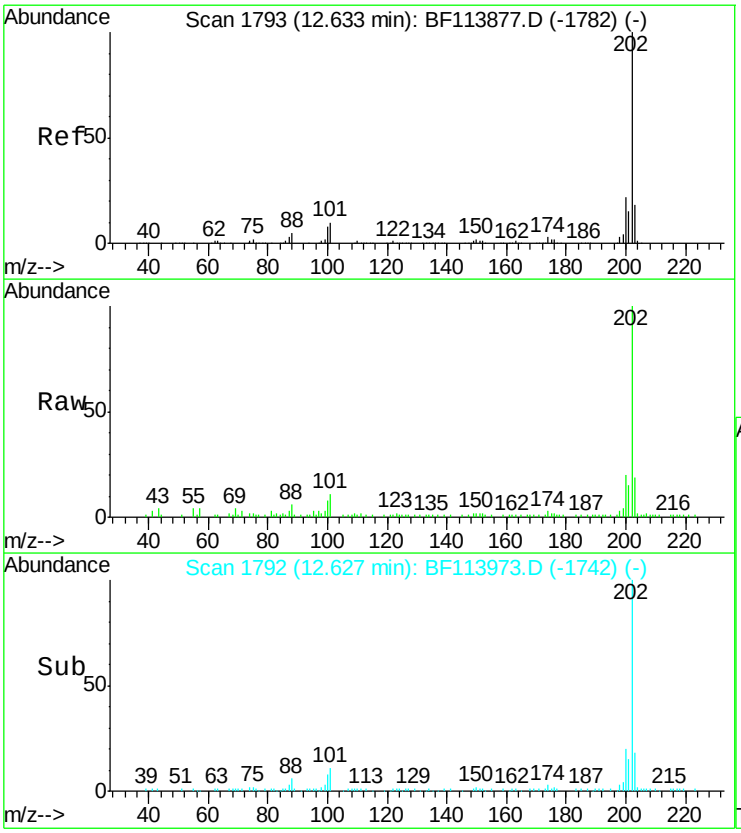
#74
Di-n-butylphthalate
Concen: 0.077 ng
RT: 11.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1426

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.8	11.8#
104	0.0	3.8	5.8#

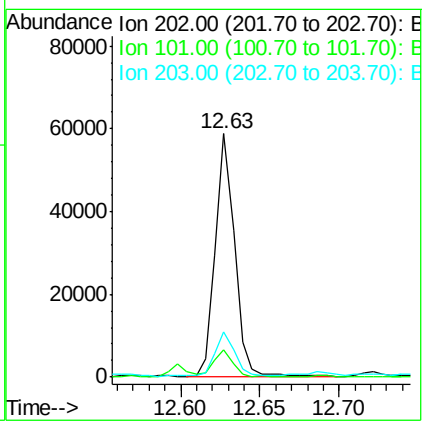


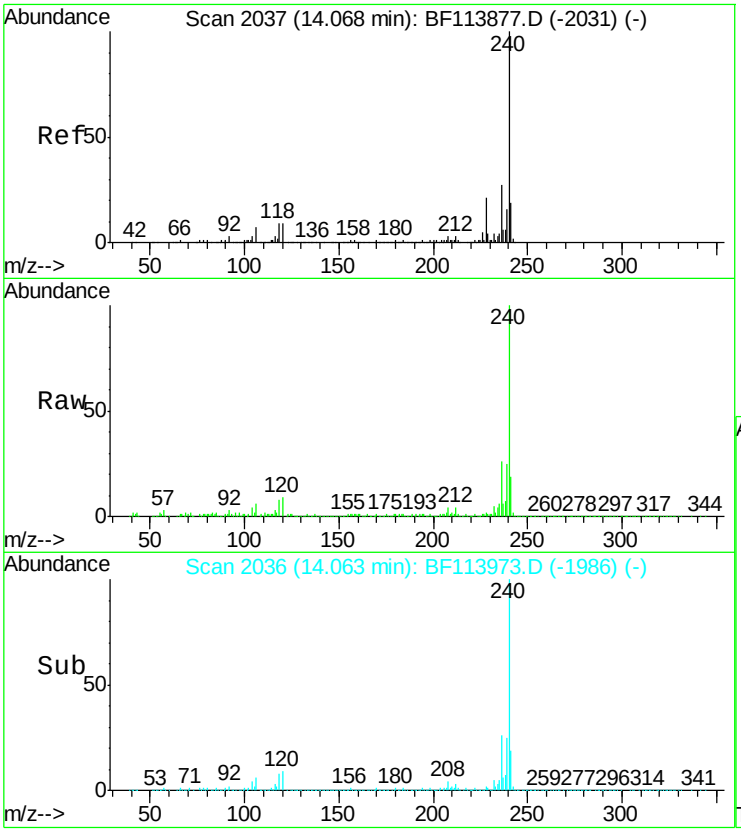


#75
Fluoranthene
Concen: 2.650 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Tgt Ion:202 Resp: 50590

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	32.9
203	18.8	0.0	38.2



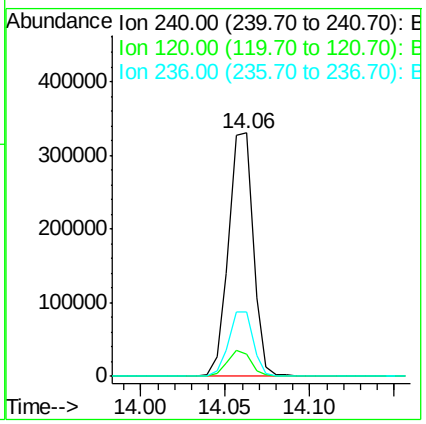


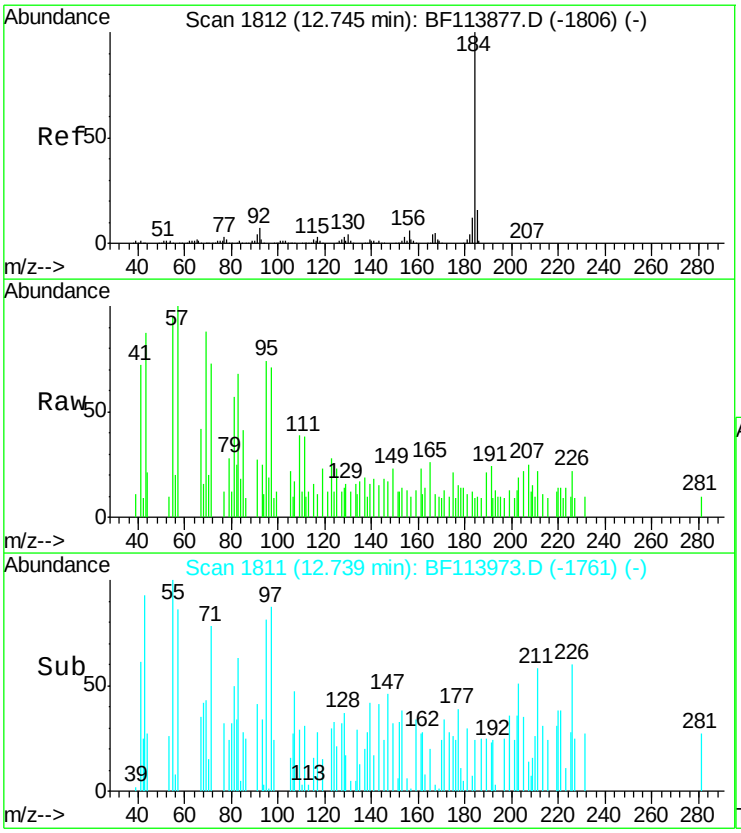
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 334089

Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.3	13.9#
236	26.3	21.2	31.8

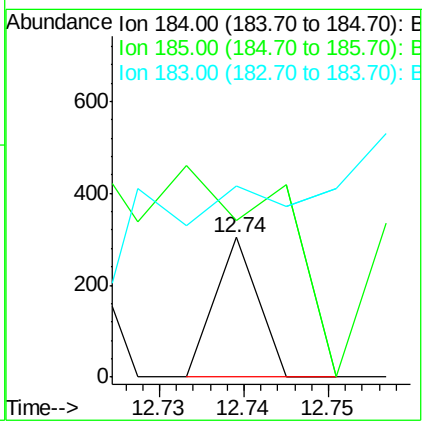


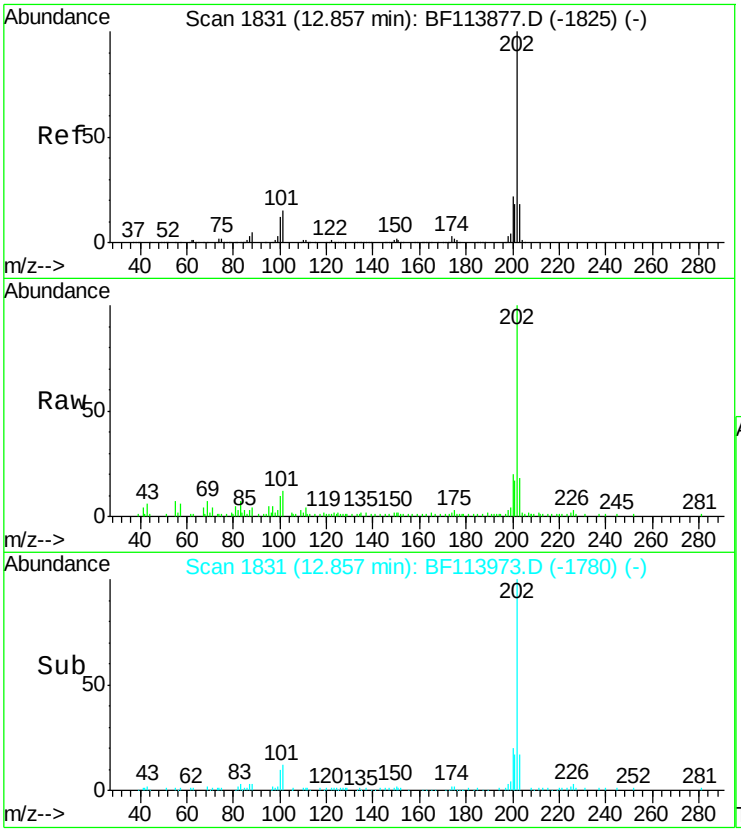


#77
Benzidine
Concen: 0.011 ng
RT: 12.74 min Scan# 1811
Delta R.T. -0.00 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Tgt Ion:184 Resp: 107

Ion	Ratio	Lower	Upper
184	100		
185	112.5	13.0	19.6#
183	136.5	9.4	14.0#



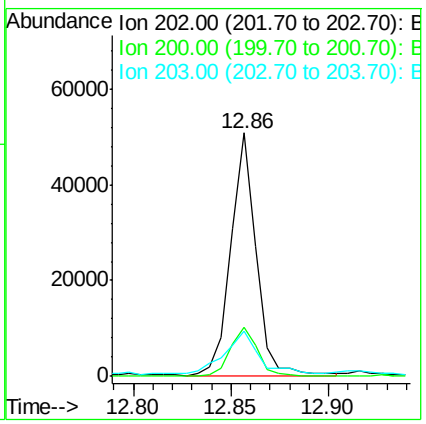


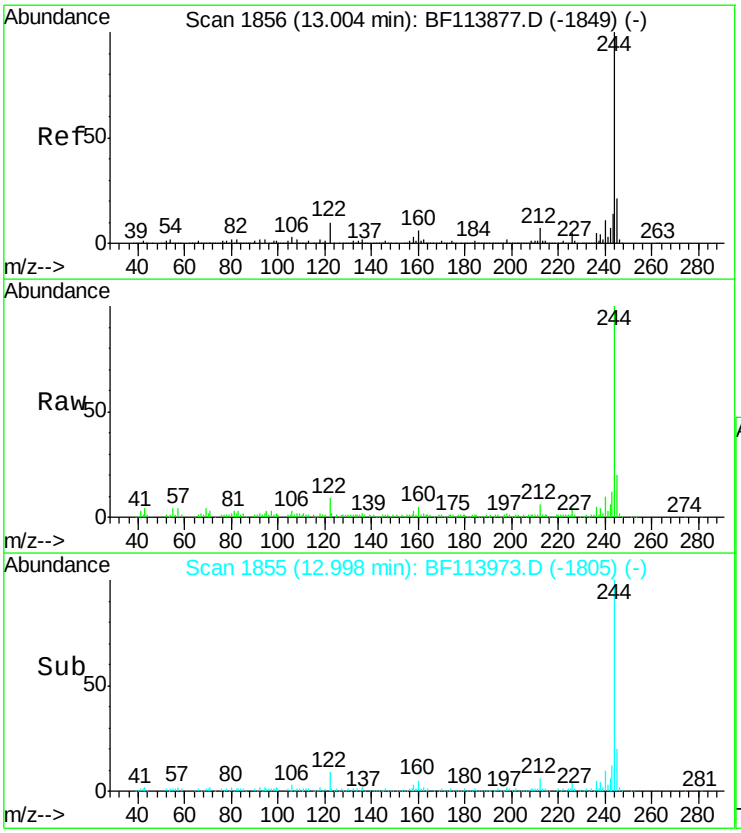
#78
Pyrene
Concen: 1.981 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 46280

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.7	26.5
203	18.4	15.0	22.6

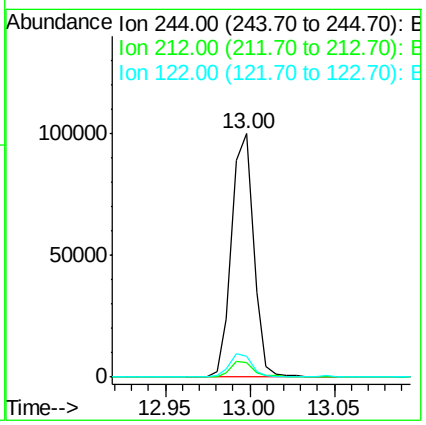


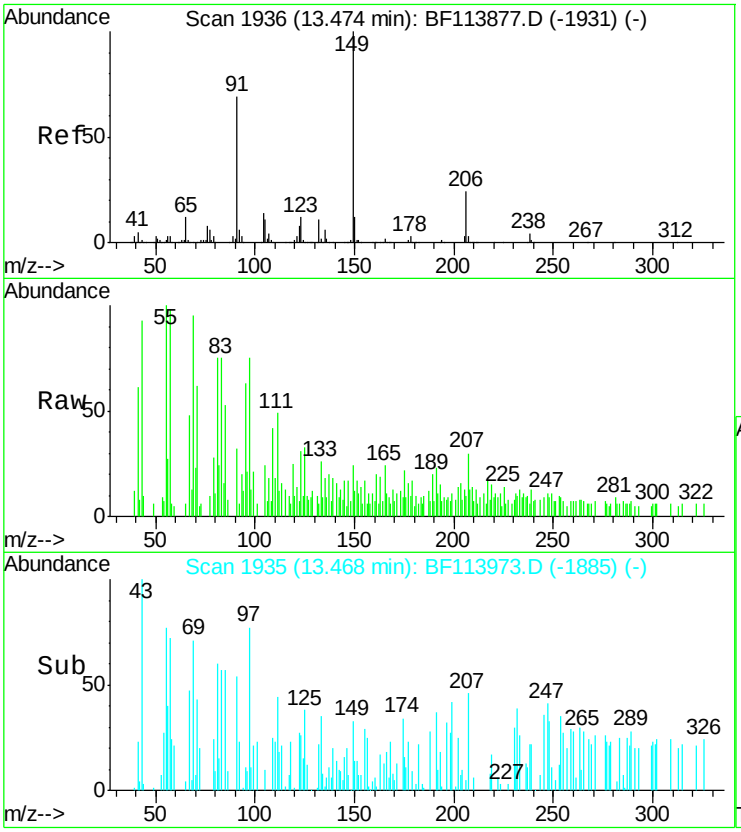


#79
Terphenyl-d14
Concen: 5.579 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Tgt Ion:244 Resp: 90915

Ion	Ratio	Lower	Upper
244	100		
212	5.8	5.4	8.2
122	8.6	7.6	11.4



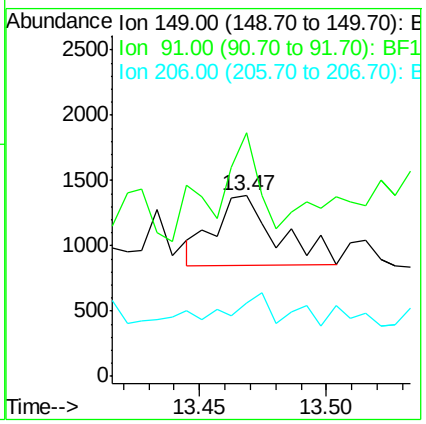


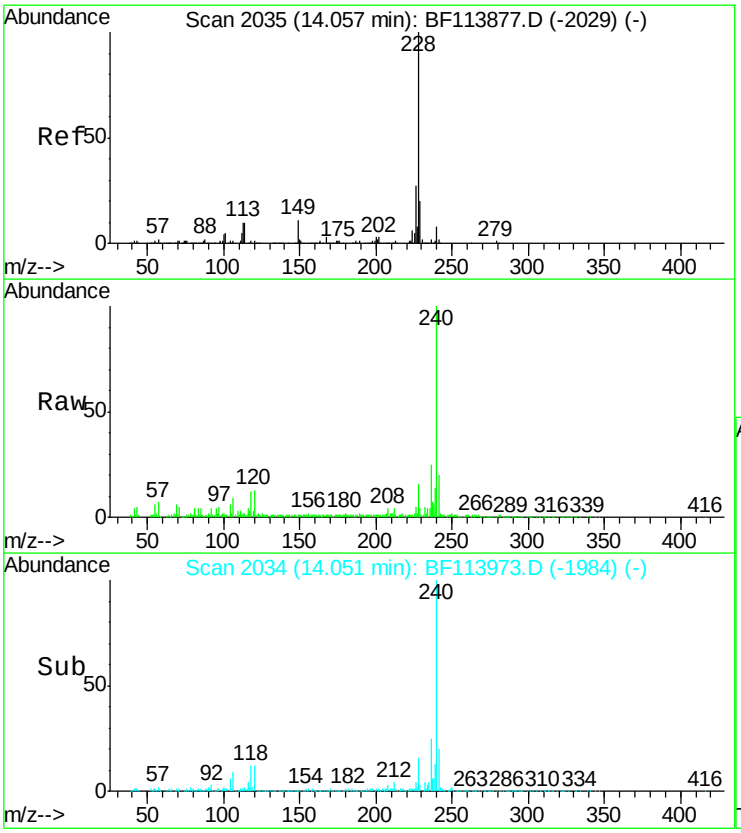
#80
Butylbenzylphthalate
Concen: 0.099 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 907

Ion	Ratio	Lower	Upper
149	100		
91	134.9	56.3	84.5#
206	40.6	19.0	28.6#

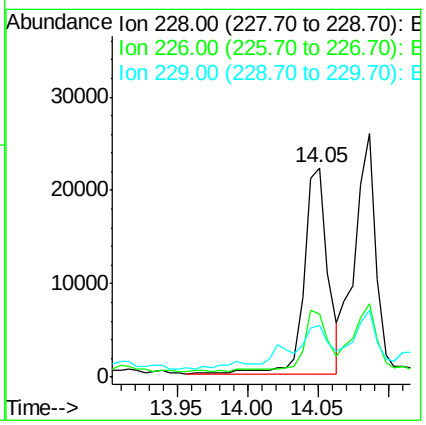


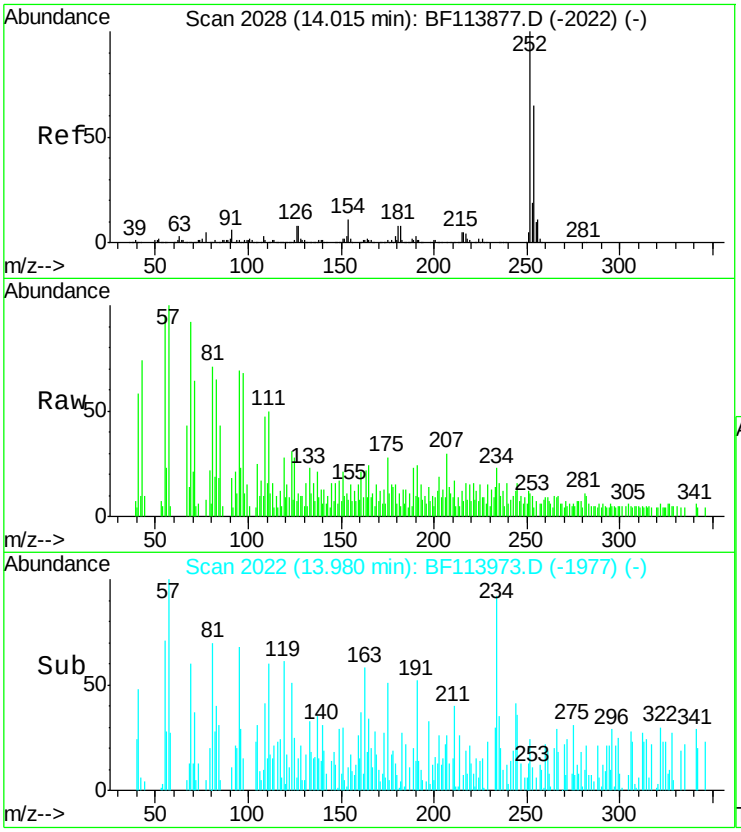


#81
Benzo(a)anthracene
Concen: 1.322 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Tgt Ion:228 Resp: 26024

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.2	33.2
229	24.8	16.0	24.0#



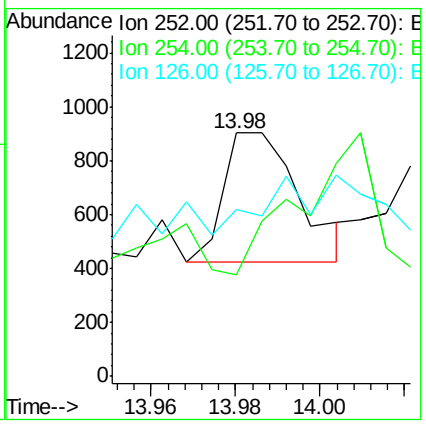


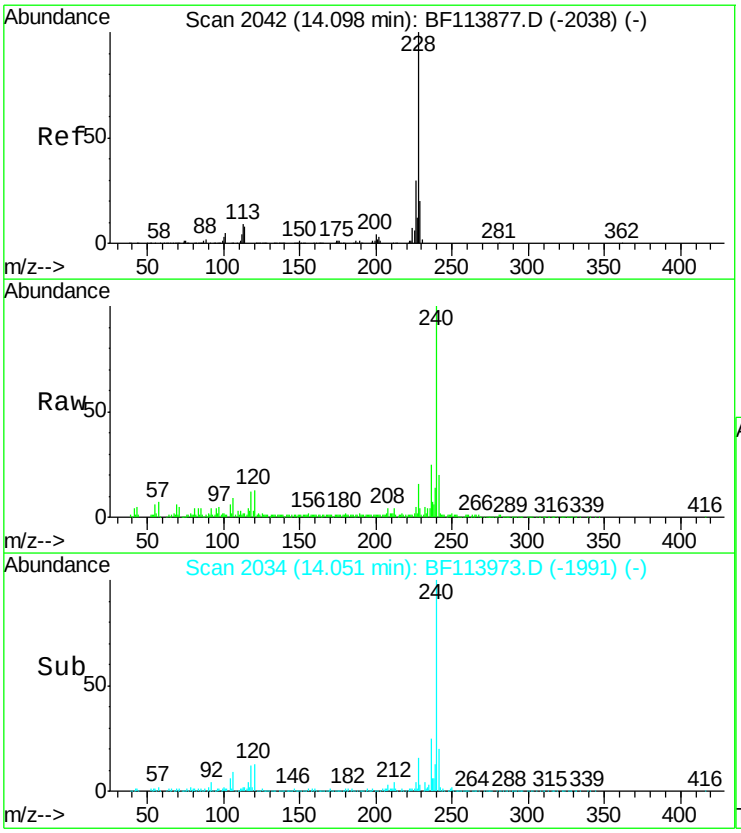
#82
3,3'-Dichlorobenzidine
Concen: 0.082 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.04 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 594

Ion	Ratio	Lower	Upper
252	100		
254	41.5	52.1	78.1#
126	68.8	9.3	13.9#

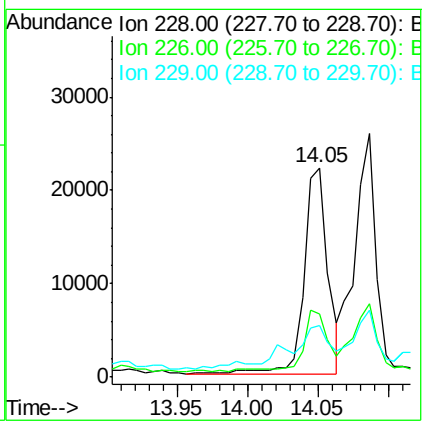


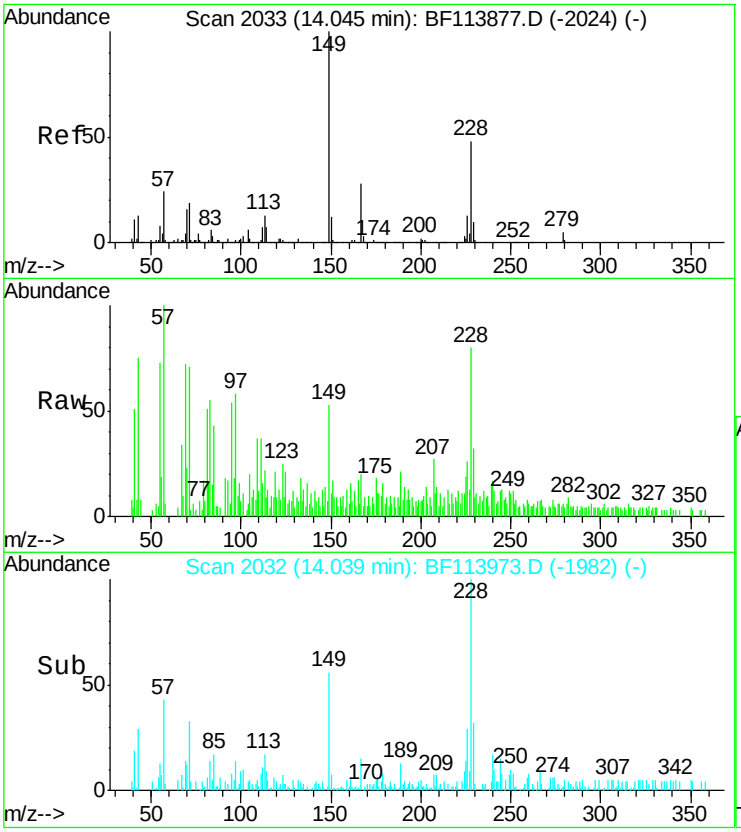


#83
Chrysene
Concen: 1.358 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.05 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Tgt Ion:228 Resp: 26024

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.2	37.8
229	24.8	16.7	25.1



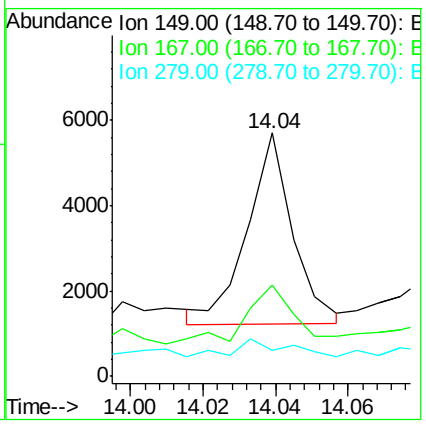


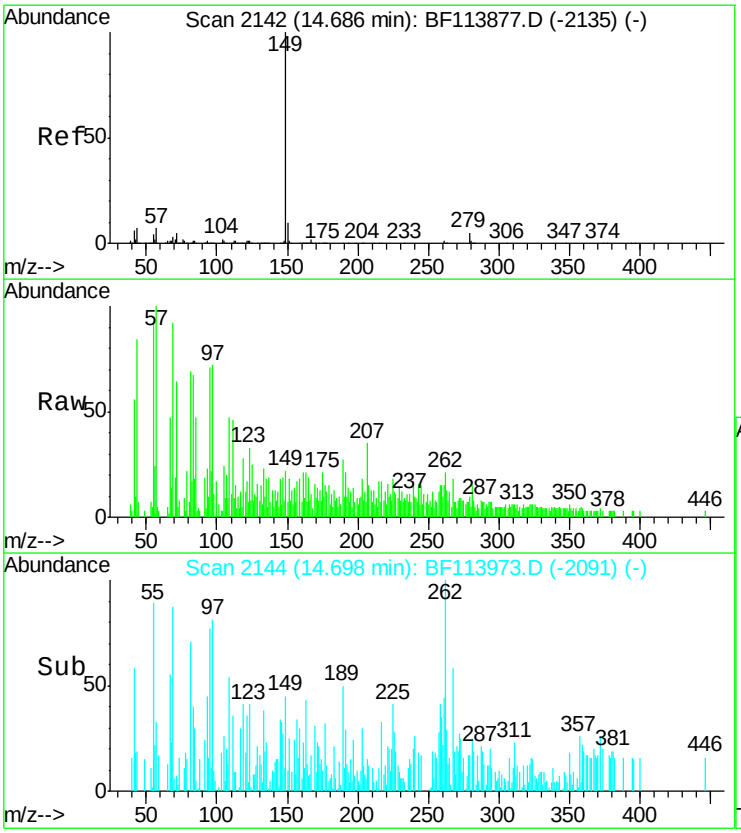
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.335 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 3921

Ion	Ratio	Lower	Upper
149	100		
167	37.3	22.9	34.3#
279	11.0	4.2	6.2#

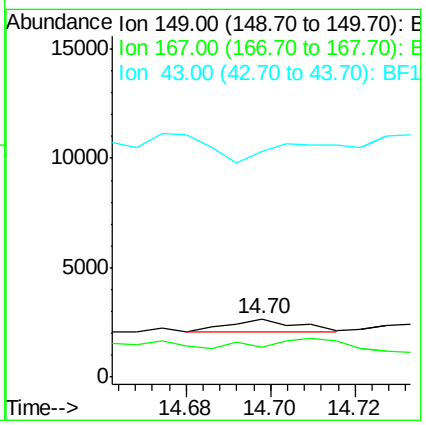


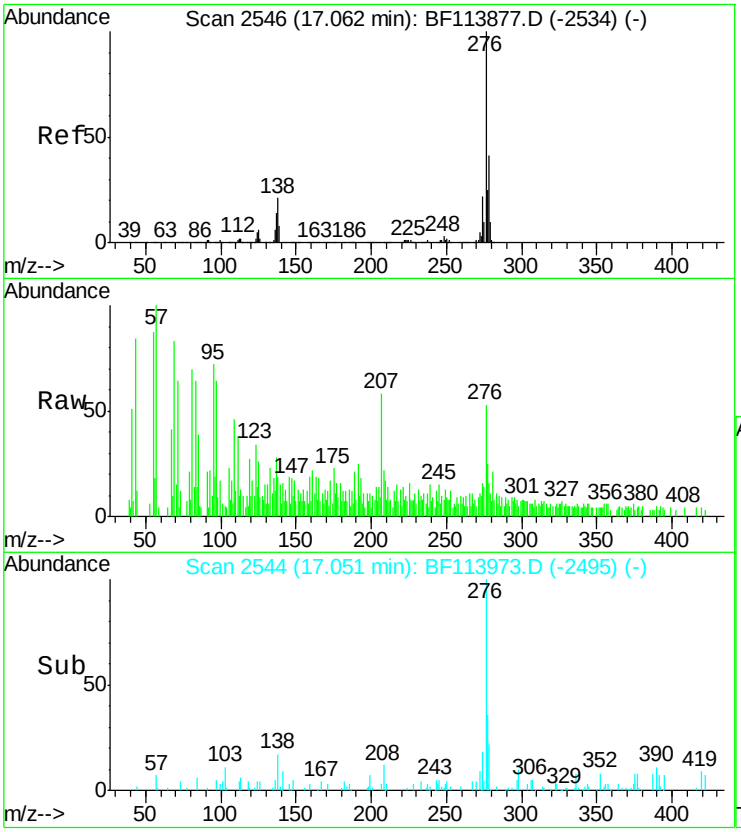


#85
Di-n-octyl phthalate
Concen: 0.036 ng
RT: 14.70 min Scan# 2144
Delta R.T. 0.01 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Tgt Ion:149 Resp: 655

Ion	Ratio	Lower	Upper
149	100		
167	131.8	1.3	1.9#
43	0.0	6.6	10.0#



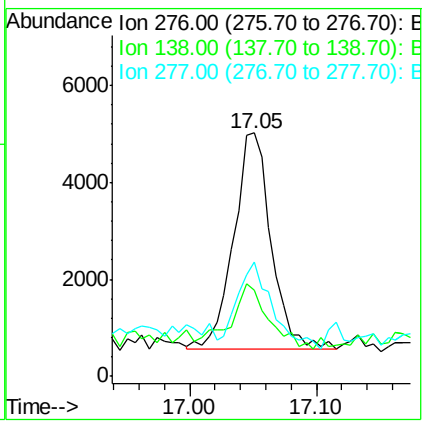


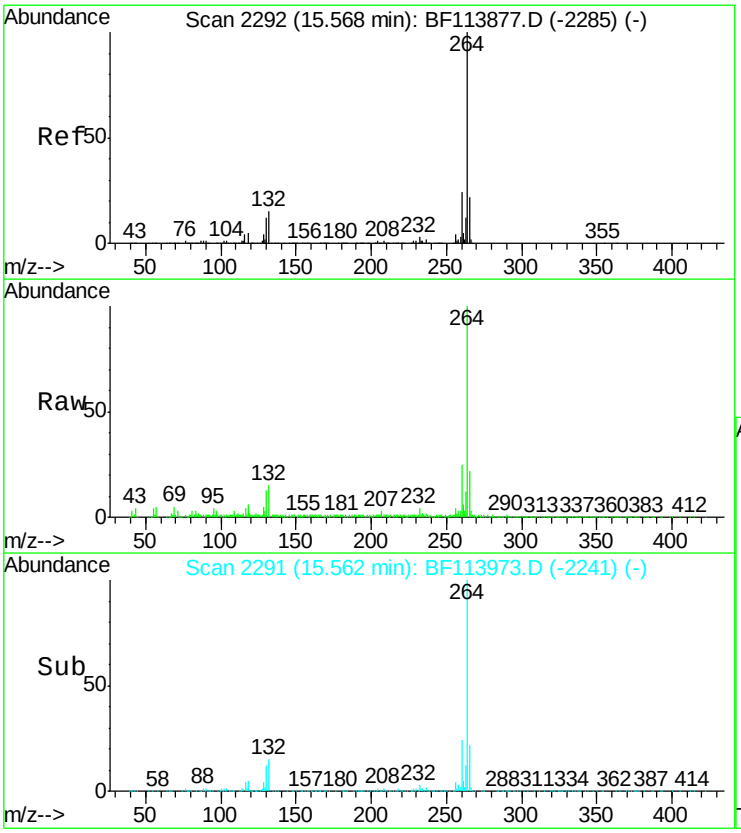
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.502 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.01 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 9112

Ion	Ratio	Lower	Upper
276	100		
138	31.1	19.6	29.4#
277	38.2	20.2	30.4#

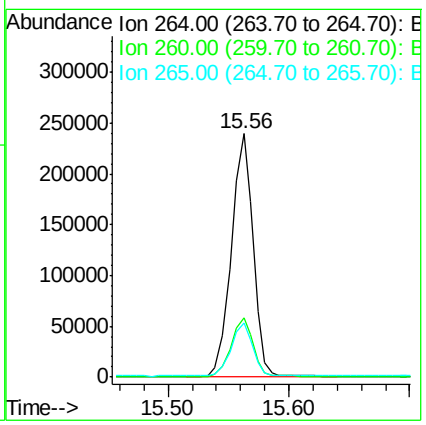


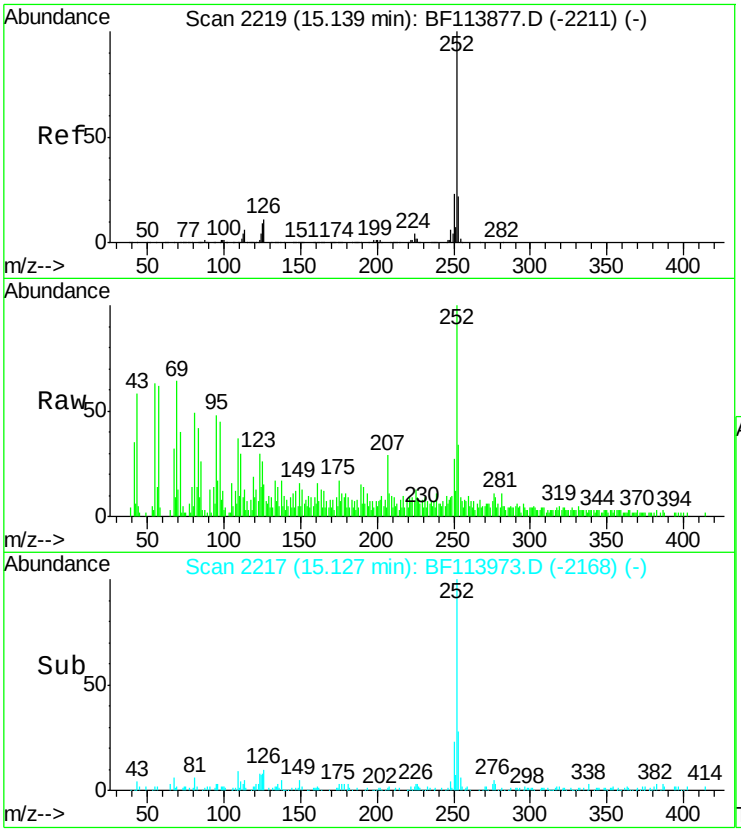


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Tgt Ion:264 Resp: 298571

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.9	28.3
265	22.2	17.3	25.9



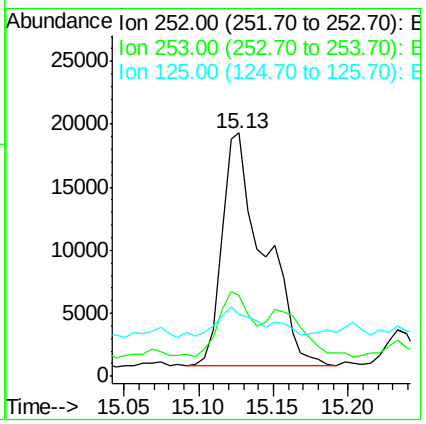


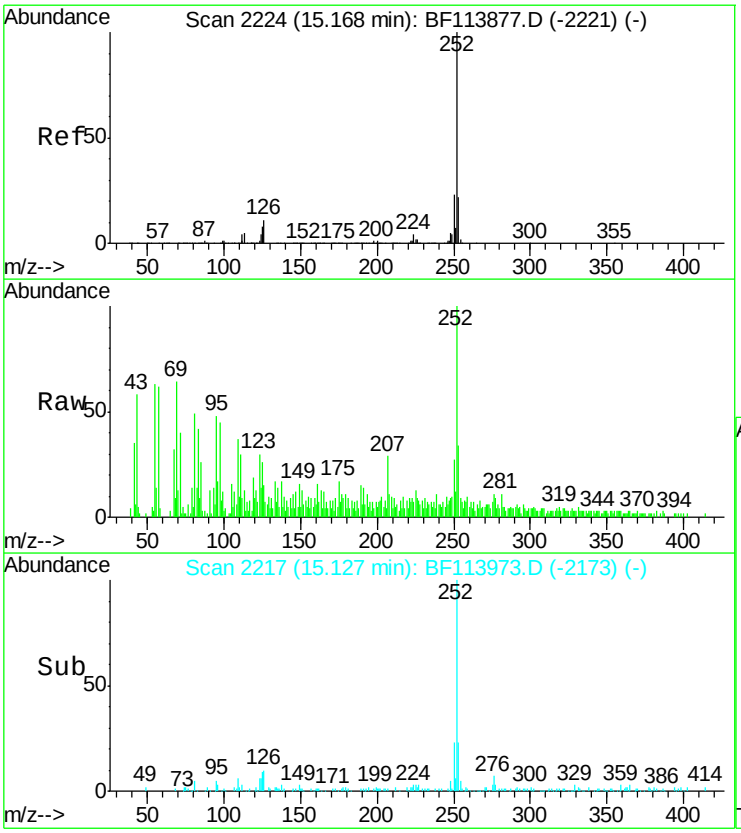
#88
Benzo(b)fluoranthene
Concen: 1.919 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 36258

Ion	Ratio	Lower	Upper
252	100		
253	33.5	17.8	26.6#
125	25.7	7.0	10.6#

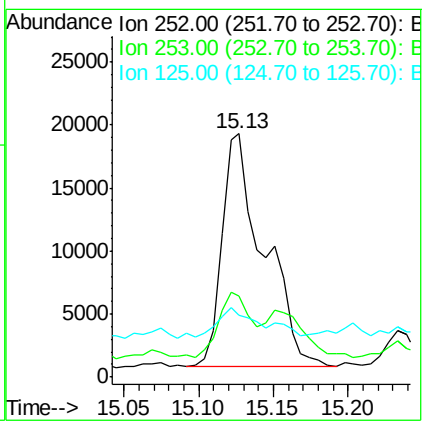


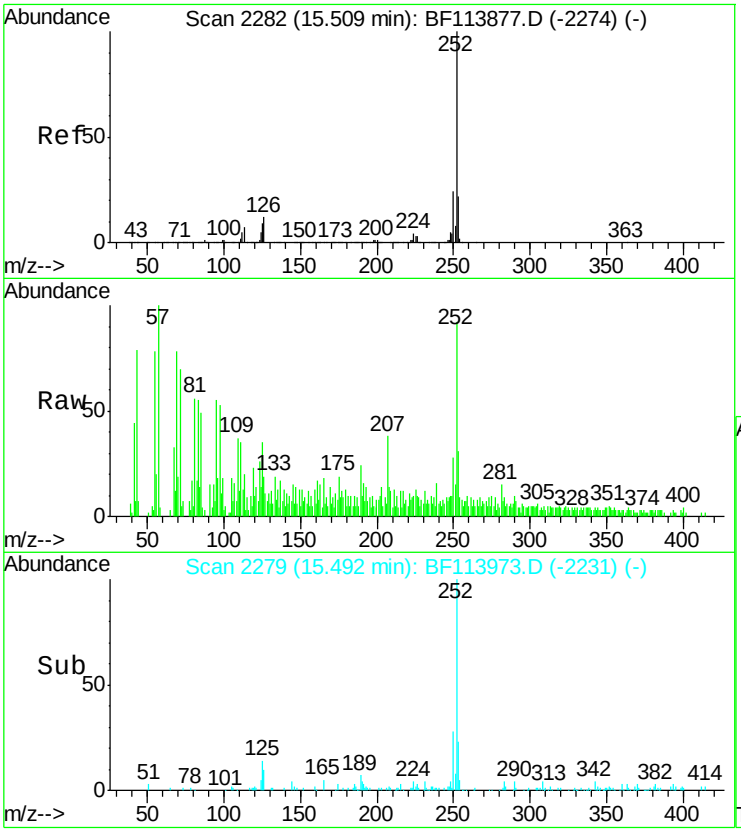


#89
Benzo(k)fluoranthene
Concen: 2.231 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.04 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Tgt Ion:252 Resp: 36258

Ion	Ratio	Lower	Upper
252	100		
253	33.5	18.2	27.2#
125	25.7	7.4	11.2#



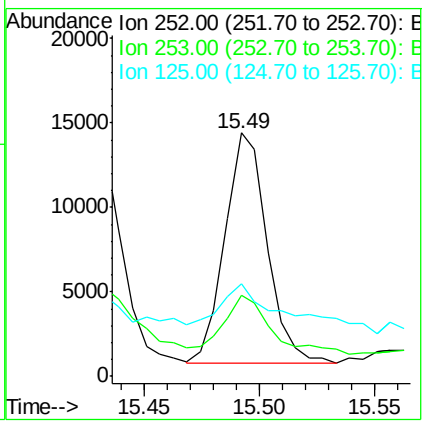


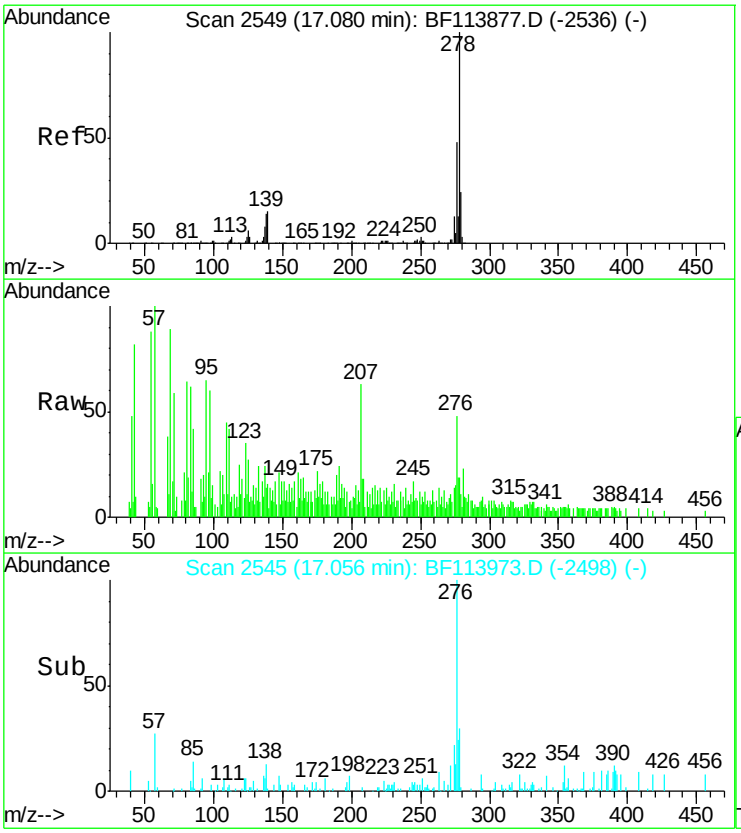
#90
Benzo(a)pyrene
Concen: 1.058 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 17283

Ion	Ratio	Lower	Upper
252	100		
253	33.4	17.5	26.3#
125	38.0	8.5	12.7#

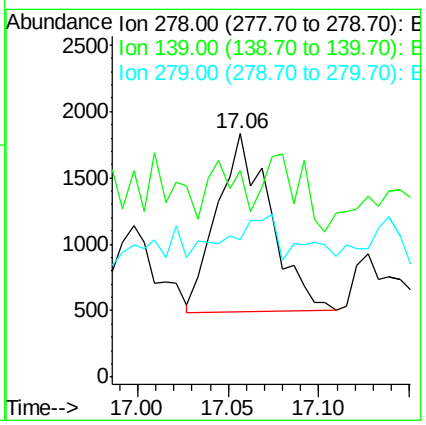


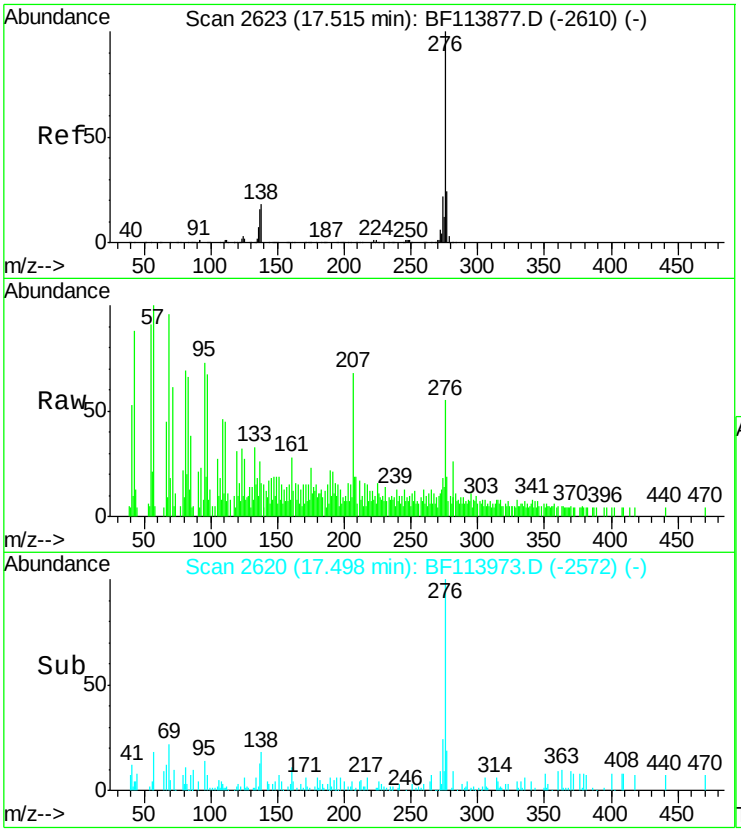


#91
Dibenzo(a,h)anthracene
Concen: 0.179 ng
RT: 17.06 min Scan# 2545
Delta R.T. -0.02 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Tgt Ion:278 Resp: 2747

Ion	Ratio	Lower	Upper
278	100		
139	84.6	11.6	17.4#
279	56.5	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 0.636 ng
RT: 17.50 min Scan# 2620
Delta R.T. -0.02 min
Lab File: BF113973.D
Acq: 24 Apr 2019 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 9839

Ion	Ratio	Lower	Upper
276	100		
277	33.9	19.0	28.4#
138	29.6	16.6	25.0#