Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113971.D
Acq On : 24 Apr 2019 19:33
Operator : JU/SJ
Sample : K2539-03 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 25 01:26:39 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	118713	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	439953	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	198998	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	359924	20.00	ng		0.00
76) Chrysene-d12	14.06	240	354528	20.00	ng		-0.01
87) Perylene-d12	15.55	264	352163	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	7819	1.13	ng		0.00
7) Phenol-d6	6.51	99	62565	7.18	ng		-0.01
23) Nitrobenzene-d5	7.45	82	47619	6.68	ng		-0.01
42) 2,4,6-Tribromophenol	10.72	330	276	0.11	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	107100	8.42	ng		0.00
79) Terphenyl-d14	12.99	244	116447	6.73	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	141	0.043	ng	#	26
9) Benzaldehyde	6.45	77	285	Below Cal			91
10) Phenol	6.53	94	1142	0.110	ng	#	60
15) Benzyl Alcohol	7.05	79	1023	0.174	ng	#	47
18) Hexachloroethane	7.46	117	184	0.058	ng	#	1
19) n-Nitroso-di-n-propylamine	7.45	70	6077	1.078	ng	#	81
22) Acetophenone	7.29	105	540	0.055	ng	#	58
25) Isophorone	7.45	82	47619	3.266	ng	#	65
31) Naphthalene	8.20	128	3627	0.174	ng		96
33) 4-Chloroaniline	8.20	127	496	0.056	ng	#	39
35) Caprolactam	8.60	113	109	0.051	ng	#	5
36) 4-Chloro-3-methylphenol	8.75	107	394	0.059	ng	#	19
37) 2-Methylnaphthalene	8.89	142	2724	0.193	ng		98
38) 1-Methylnaphthalene	8.99	142	1914	0.141	ng	#	90
46) 1,1'-Biphenyl	9.35	154	690	0.045	ng		68
49) Acenaphthylene	9.79	152	2043	0.106	ng	#	87
50) Dimethylphthalate	9.64	163	11664	0.810	ng		100
51) 2,6-Dinitrotoluene	9.93	165	26039	8.433	ng	#	32
52) Acenaphthene	9.96	154	1736	0.152	ng		95
55) Dibenzofuran	10.14	168	2370	0.138	ng		99
56) 4-Nitrophenol	10.14	139	785	0.306	ng	#	12
57) 2,4-Dinitrotoluene	9.93	165	26039	6.681	ng	#	28
58) Fluorene	10.48	166	3377	0.262	ng		96
63) Azobenzene	10.63	77	134	0.010	ng	#	14
66) n-Nitrosodiphenylamine	10.59	169	1219	0.113	ng	#	75
71) Phenanthrene	11.44	178	34254	1.894	ng		97
72) Anthracene	11.49	178	7297	0.399	ng		96
73) Carbazole	11.65	167	3790	0.233	ng	#	90
74) Di-n-butylphthalate	11.97	149	1414	0.074	ng	#	77
75) Fluoranthene	12.63	202	53281	2.700	ng		97
77) Benzidine	12.73	184	113	0.011	ng	#	1
78) Pyrene	12.86	202	51718	2.086	ng		97
80) Butylbenzylphthalate	13.44	149	1003	0.103	ng	#	46
81) Benzo(a)anthracene	14.04	228	25617	1.226	ng	#	90

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113971.D
Acq On : 24 Apr 2019 19:33
Operator : JU/SJ
Sample : K2539-03 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 25 01:26:39 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)
82) 3,3'-Dichlorobenzidine	14.02	252	273	0.036	ng	#	66
83) Chrysene	14.08	228	29944	1.472	ng	#	95
84) Bis(2-ethylhexyl)phthalate	14.03	149	4046	0.326	ng	#	82
85) Di-n-octyl phthalate	14.70	149	1670	0.086	ng	#	65
86) Indeno(1,2,3-cd)pyrene	17.03	276	11156	0.579	ng	#	90
88) Benzo(b)fluoranthene	15.12	252	43117	1.935	ng	#	76
89) Benzo(k)fluoranthene	15.12	252	43117	2.250	ng	#	77
90) Benzo(a)pyrene	15.48	252	21672	1.125	ng	#	70
91) Dibenzo(a,h)anthracene	17.04	278	3787	0.209	ng	#	1
92) Benzo(g,h,i)perylene	17.49	276	10727	0.588	ng	#	71

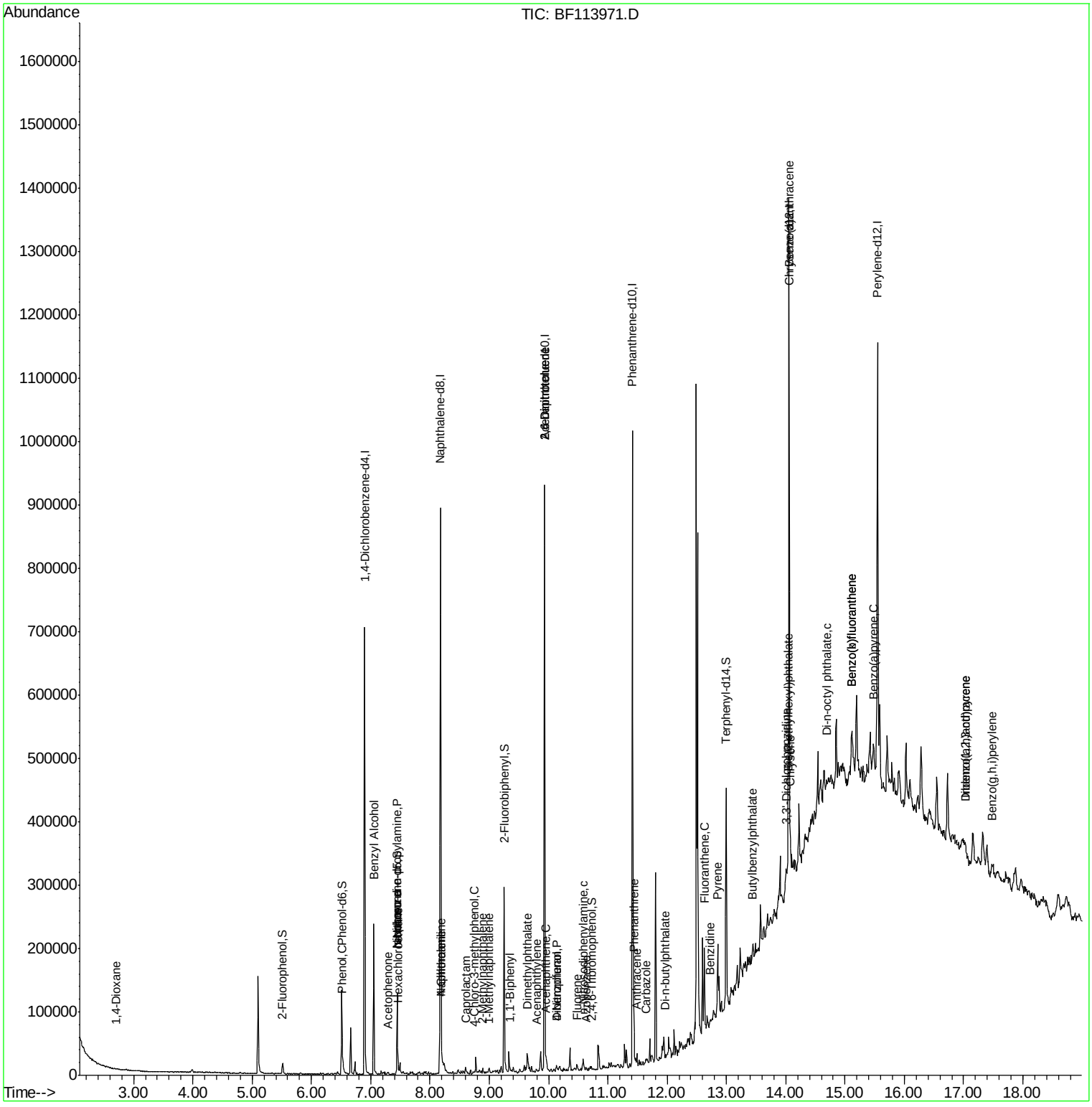
(#) = qualifier out of range (m) = manual integration (+) = signals summed

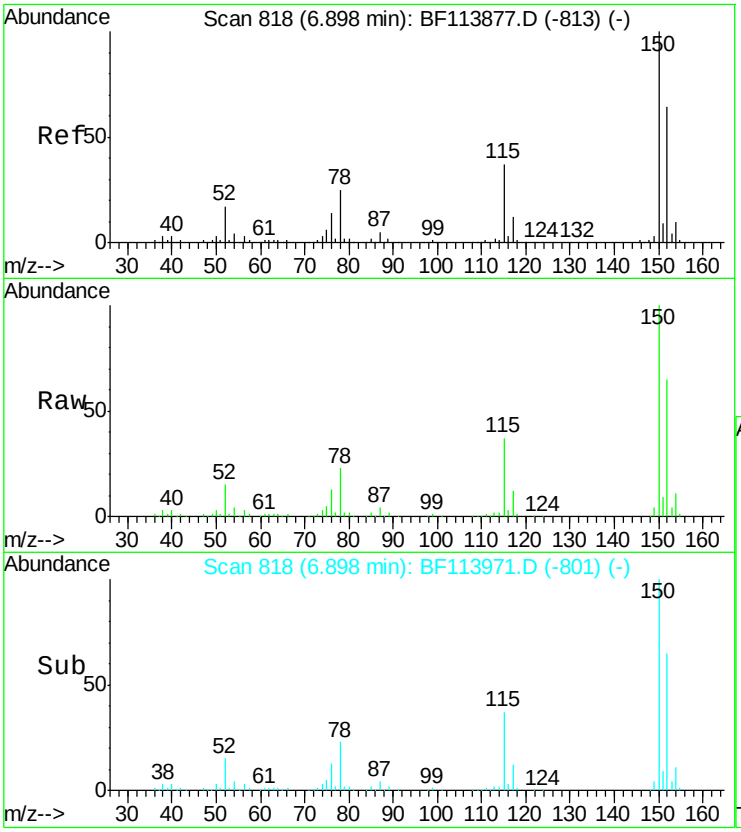
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113971.D
Acq On : 24 Apr 2019 19:33
Operator : JU/SJ
Sample : K2539-03 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 25 01:26:39 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



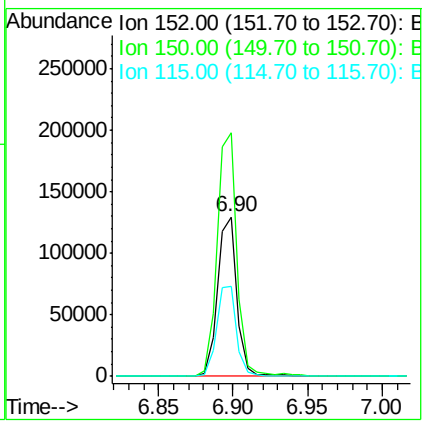


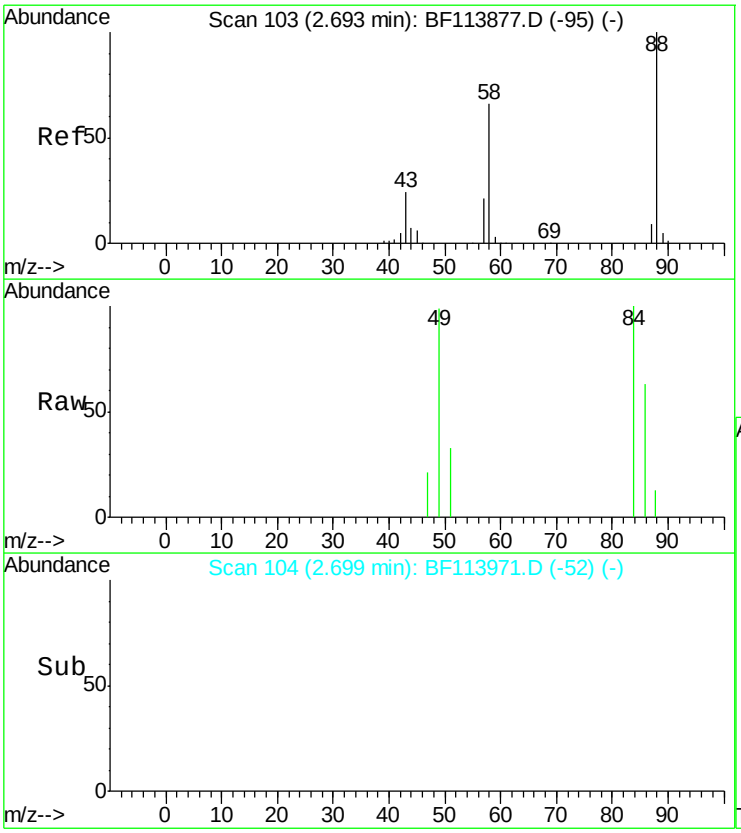
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 118713

Ion	Ratio	Lower	Upper
152	100		
150	152.7	125.9	188.9
115	56.9	45.9	68.9

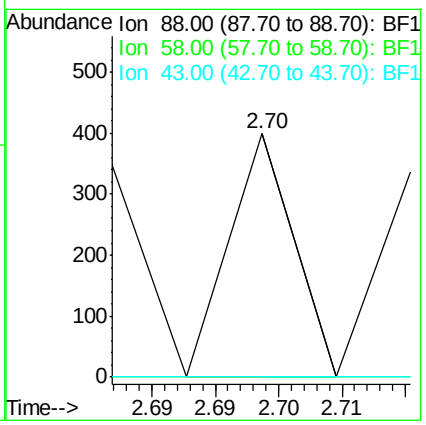


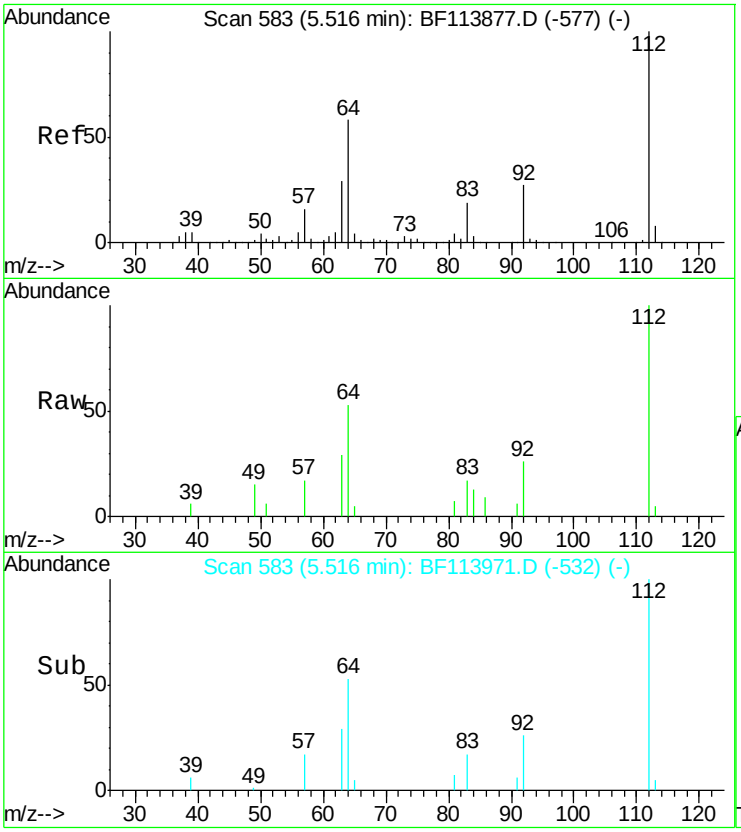


#2
1,4-Dioxane
Concen: 0.043 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.01 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Tgt Ion: 88 Resp: 141

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



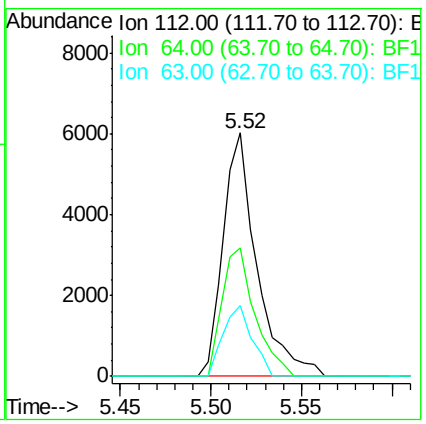


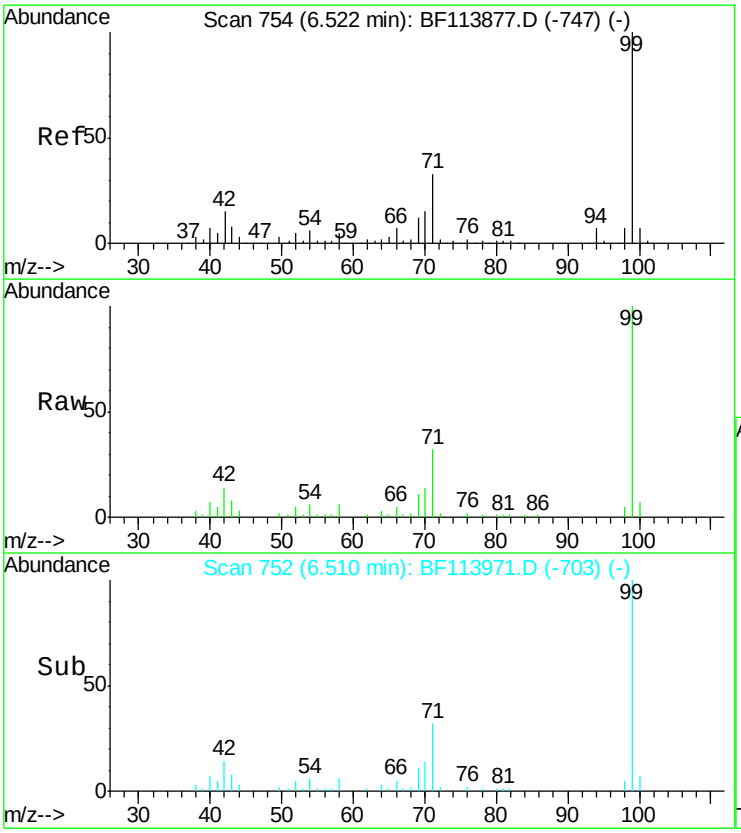
#5
2-Fluorophenol
Concen: 1.127 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 7819

Ion	Ratio	Lower	Upper
112	100		
64	52.7	46.6	69.8
63	29.0	23.1	34.7

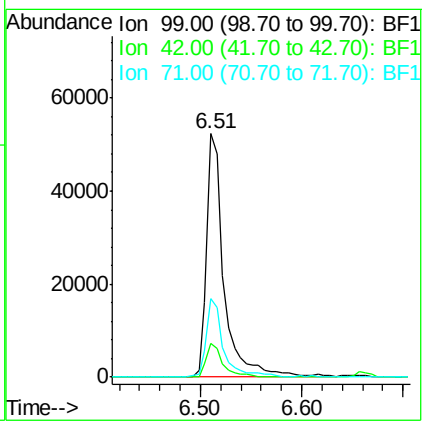


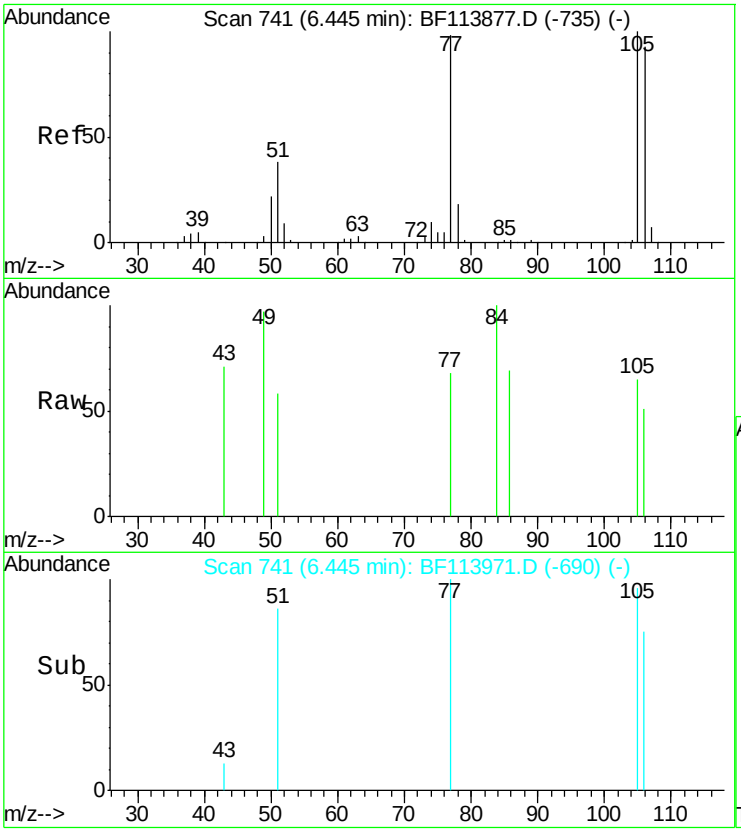


#7
Phenol-d6
Concen: 7.185 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Tgt Ion: 99 Resp: 62565

Ion	Ratio	Lower	Upper
99	100		
42	14.1	12.5	18.7
71	32.2	26.9	40.3



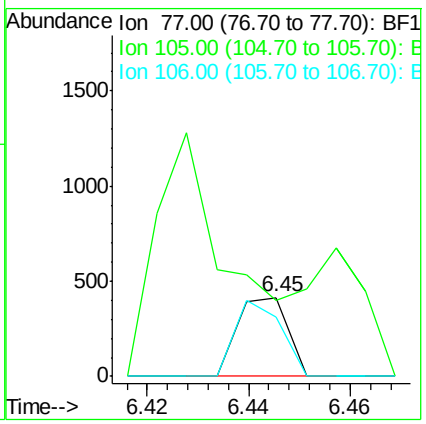


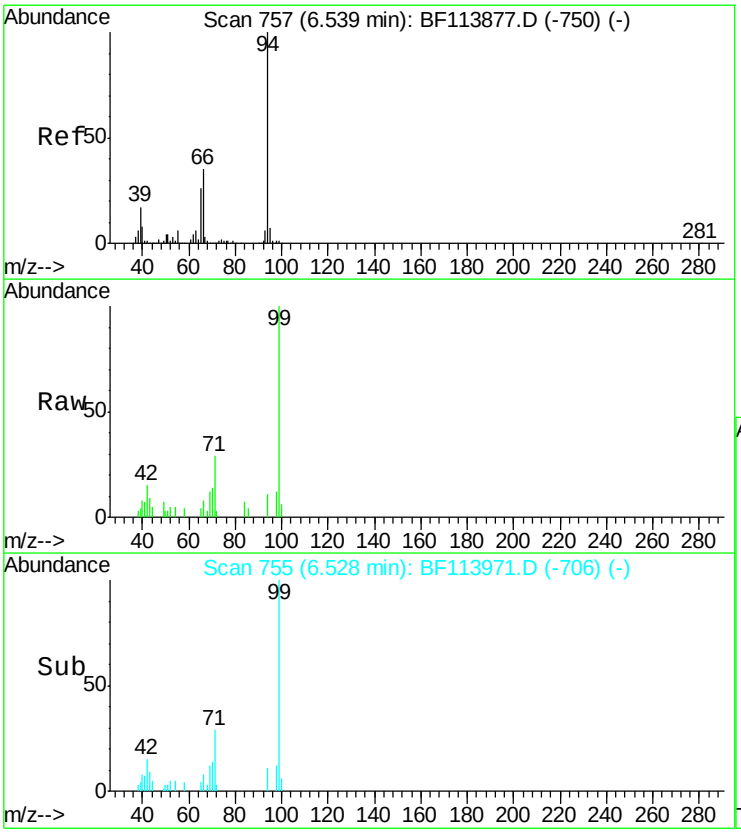
#9
Benzaldehyde
Concen: Below Cal
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 285

Ion	Ratio	Lower	Upper
77	100		
105	96.2	74.1	114.1
106	75.0	70.3	110.3

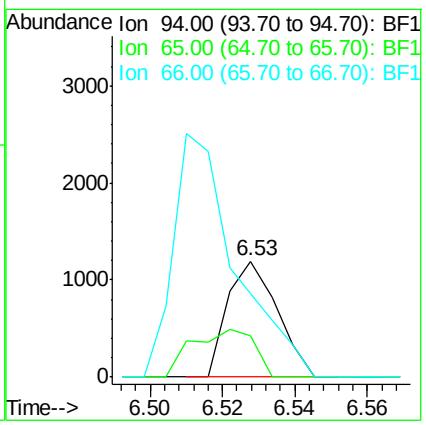


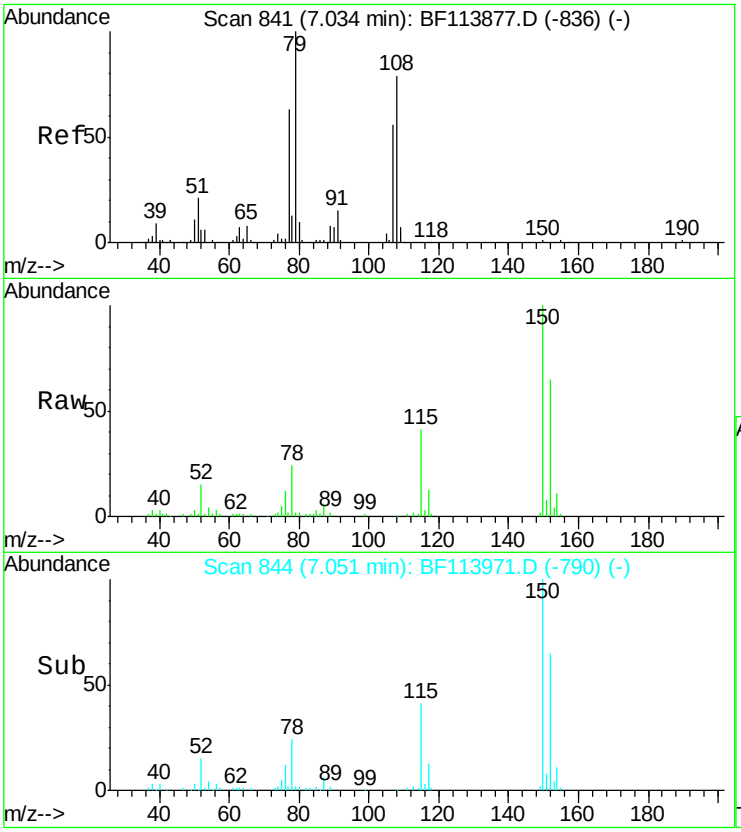


#10
Phenol
Concen: 0.110 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Tgt Ion: 94 Resp: 1142

Ion	Ratio	Lower	Upper
94	100		
65	35.3	8.1	48.1
66	71.8	16.6	56.6#



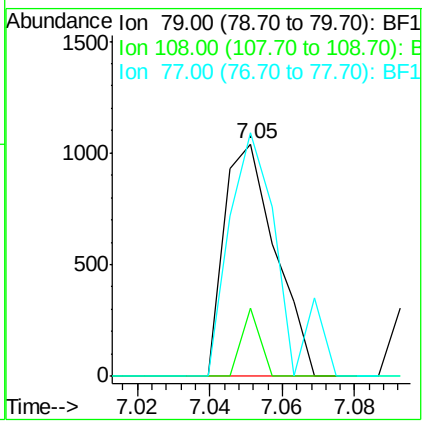


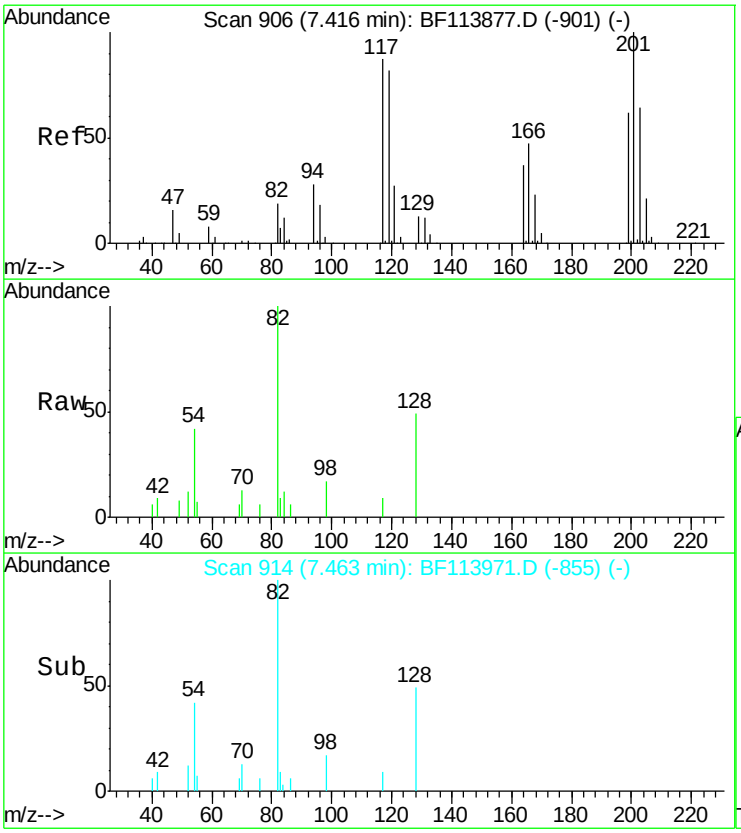
#15
Benzyl Alcohol
Concen: 0.174 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.02 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 1023

Ion	Ratio	Lower	Upper
79	100		
108	29.5	61.4	92.0#
77	104.7	51.6	77.4#

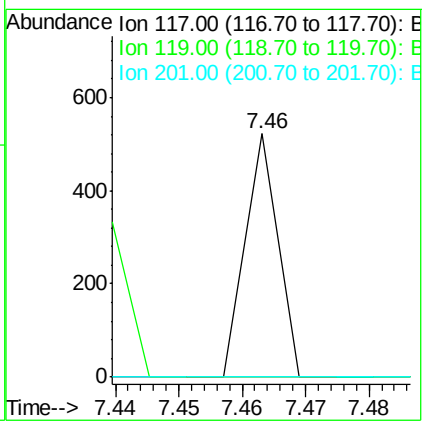


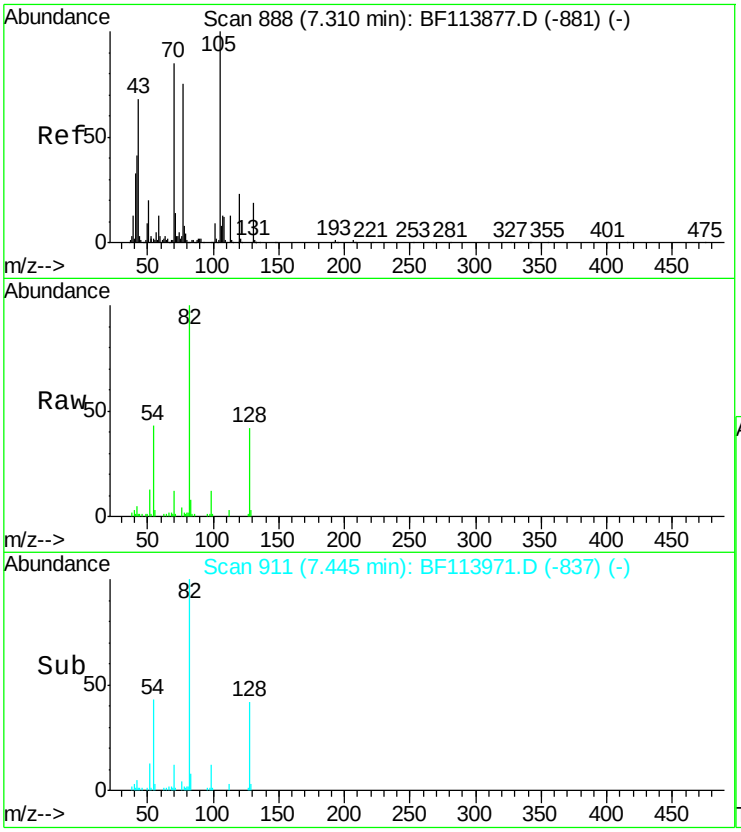


#18
Hexachloroethane
Concen: 0.058 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.05 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Tgt Ion:117 Resp: 184

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



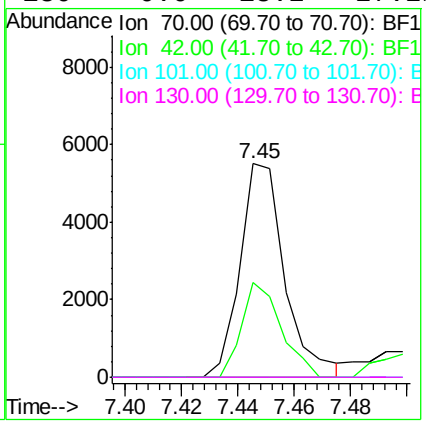


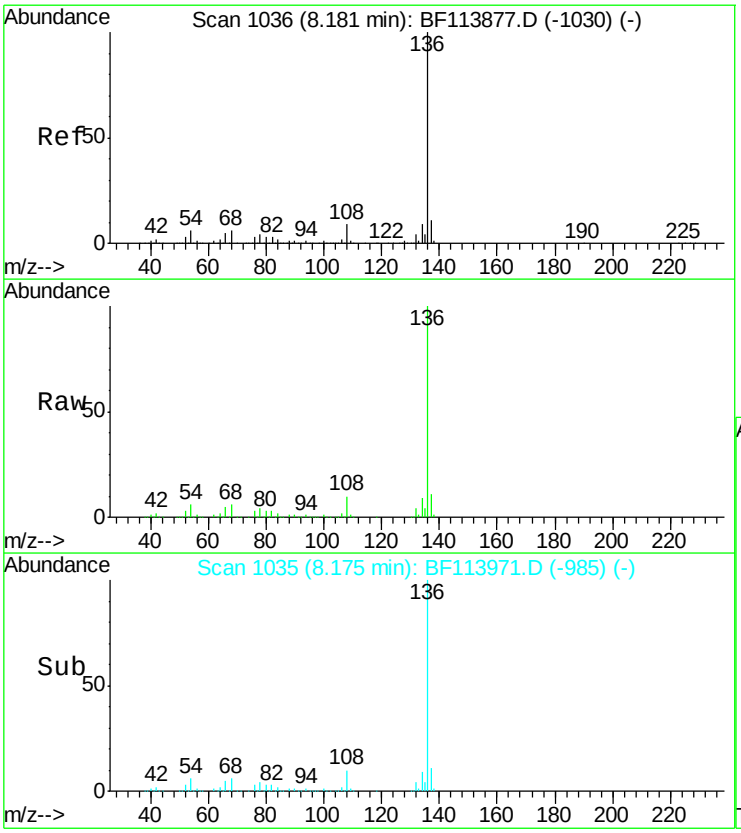
#19
n-Nitroso-di-n-propylamine
Concen: 1.078 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 6077

Ion	Ratio	Lower	Upper
70	100		
42	44.1	37.3	55.9
101	0.0	7.8	11.8#
130	0.0	18.2	27.2#

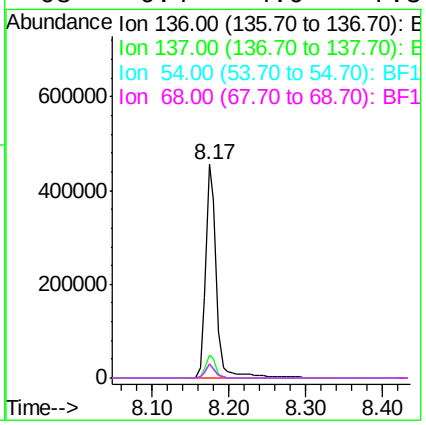


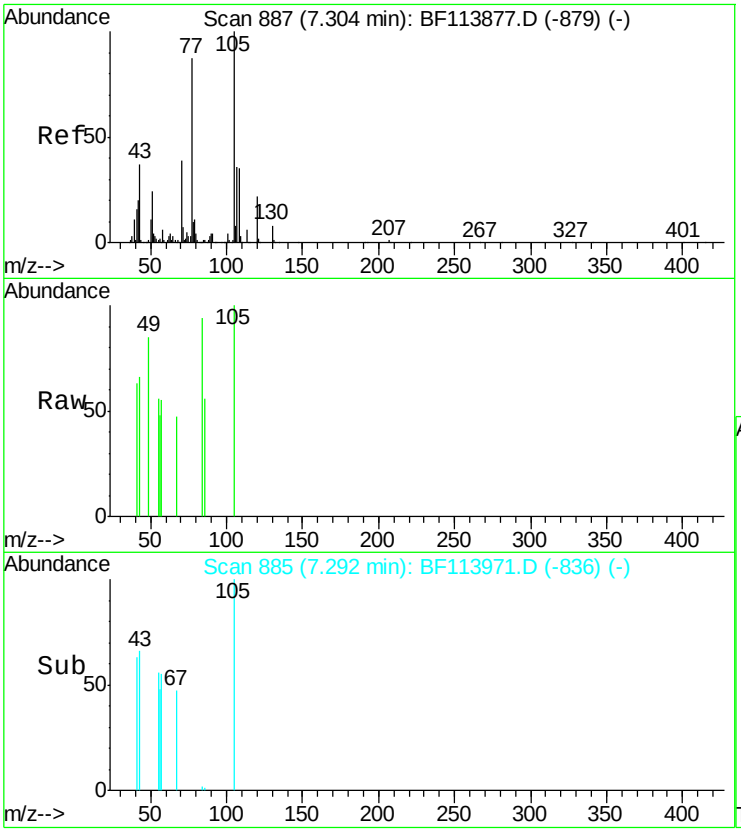


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Tgt Ion:136 Resp: 439953

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	6.5	5.0	7.6
68	6.4	4.9	7.3



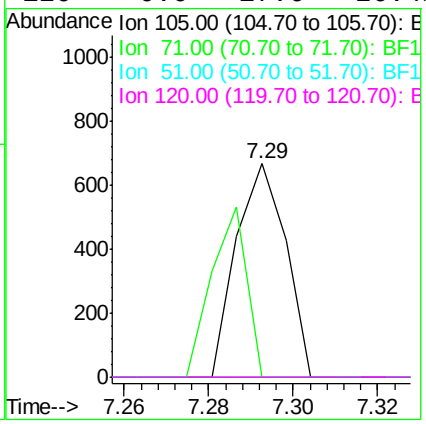


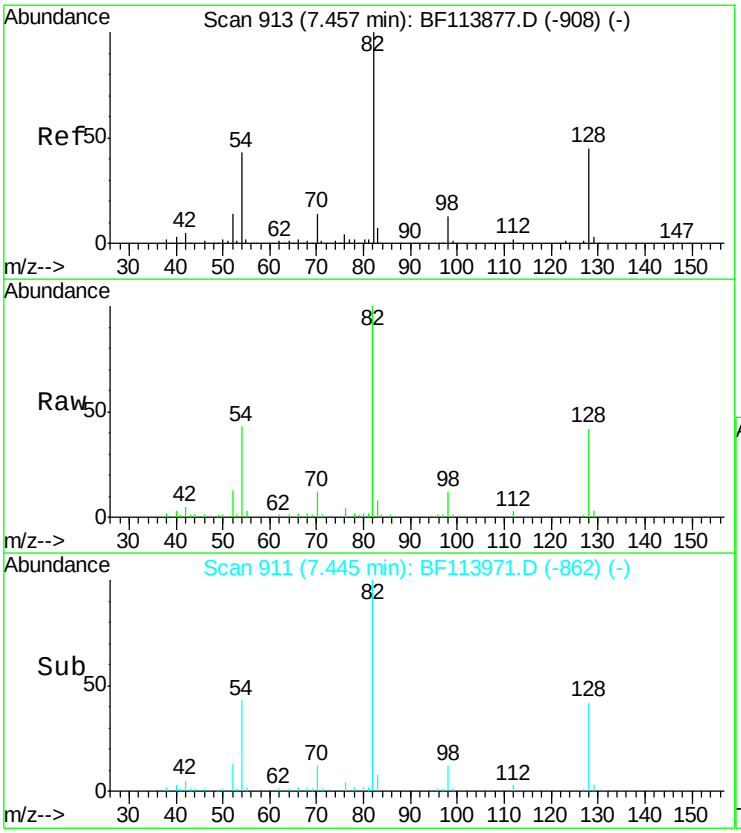
#22
Acetophenone
Concen: 0.055 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 540

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#

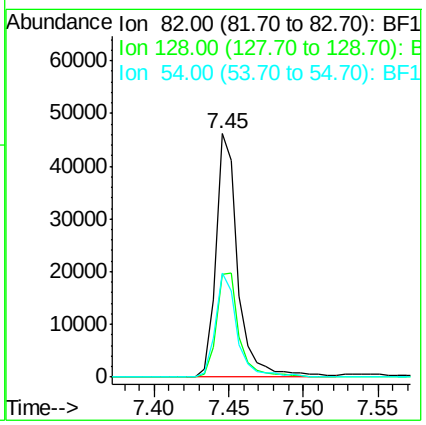


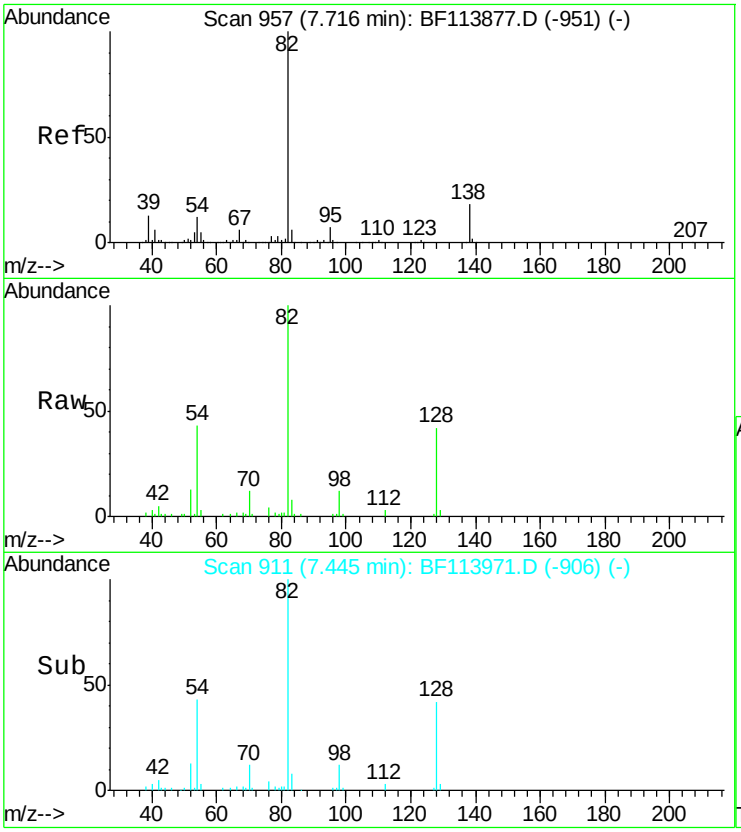


#23
Nitrobenzene-d5
Concen: 6.683 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Tgt Ion: 82 Resp: 47619

Ion	Ratio	Lower	Upper
82	100		
128	42.2	36.8	55.2
54	42.9	33.8	50.6



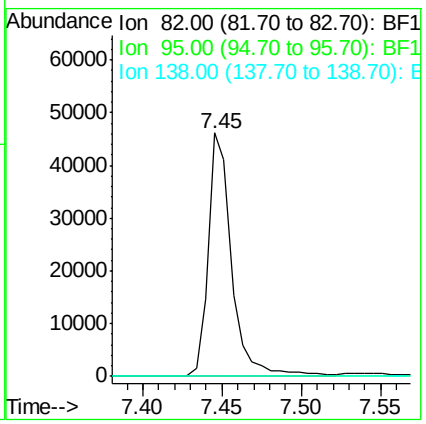


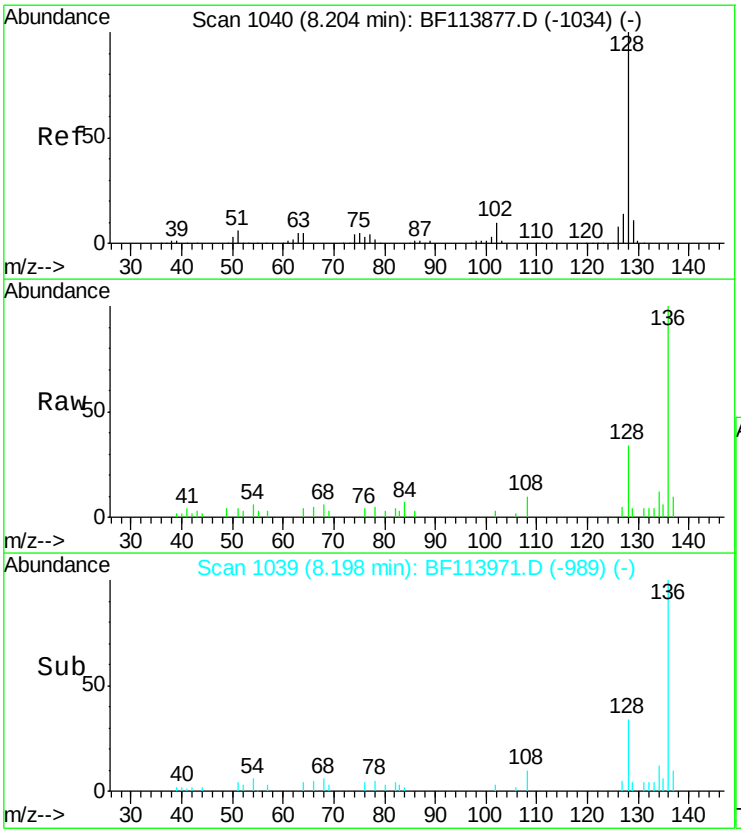
#25
Isophorone
Concen: 3.266 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.27 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 47619

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

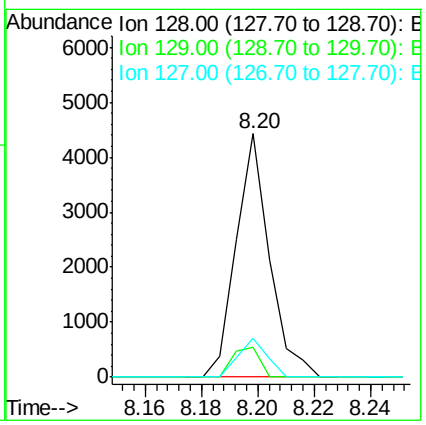


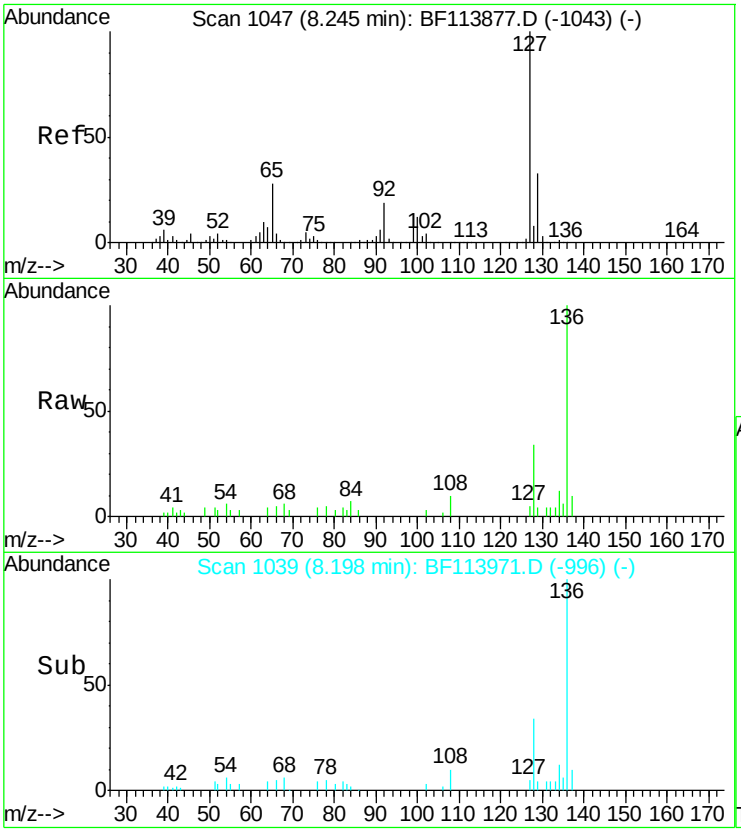


#31
Naphthalene
Concen: 0.174 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Tgt Ion:128 Resp: 3627

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



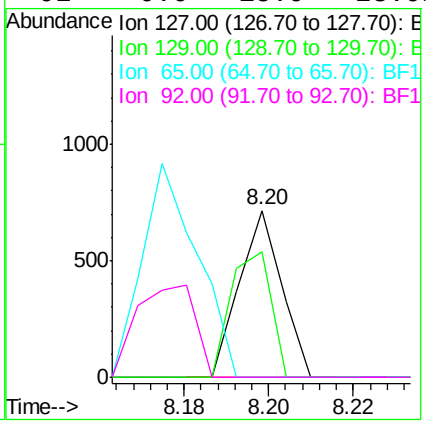


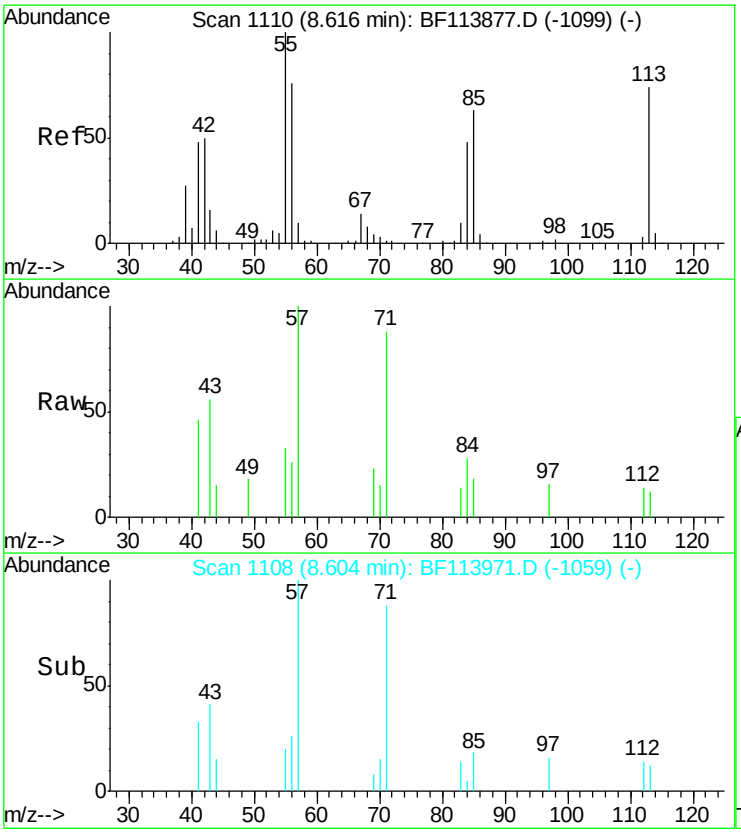
#33
4-Chloroaniline
Concen: 0.056 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.05 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 496

Ion	Ratio	Lower	Upper
127	100		
129	75.4	26.4	39.6#
65	0.0	24.9	37.3#
92	0.0	15.9	23.9#

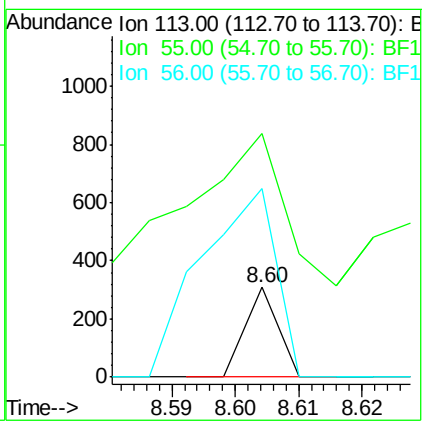


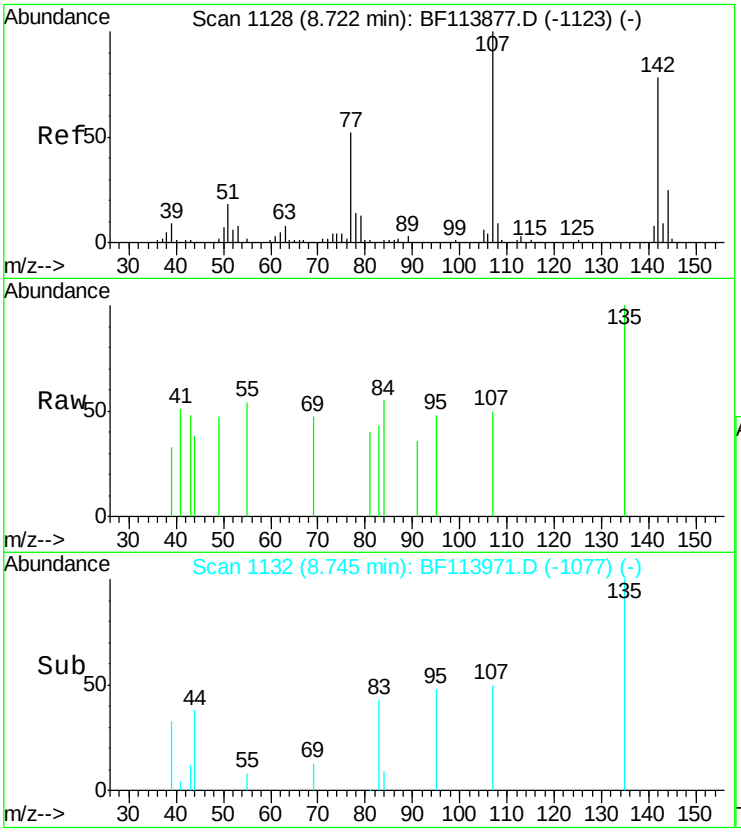


#35
Caprolactam
Concen: 0.051 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Tgt Ion:113 Resp: 109

Ion	Ratio	Lower	Upper
113	100		
55	271.8	128.6	168.6#
56	210.1	91.9	131.9#



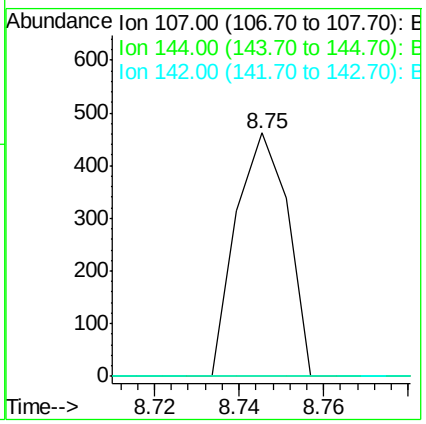


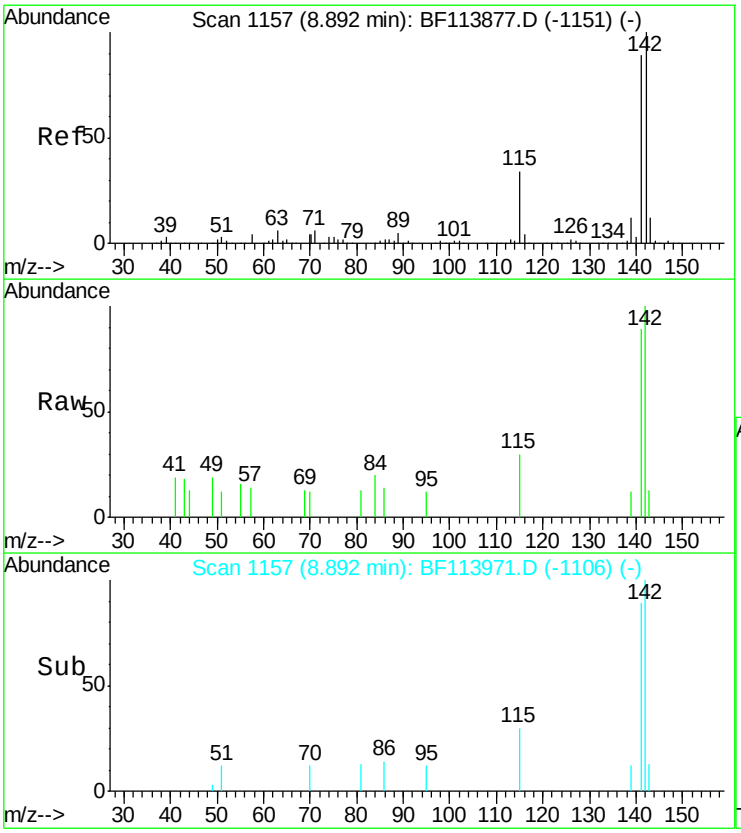
#36
4-Chloro-3-methylphenol
Concen: 0.059 ng
RT: 8.75 min Scan# 1132
Delta R.T. 0.02 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 394

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

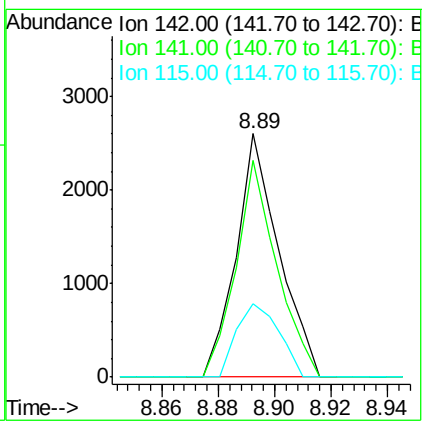


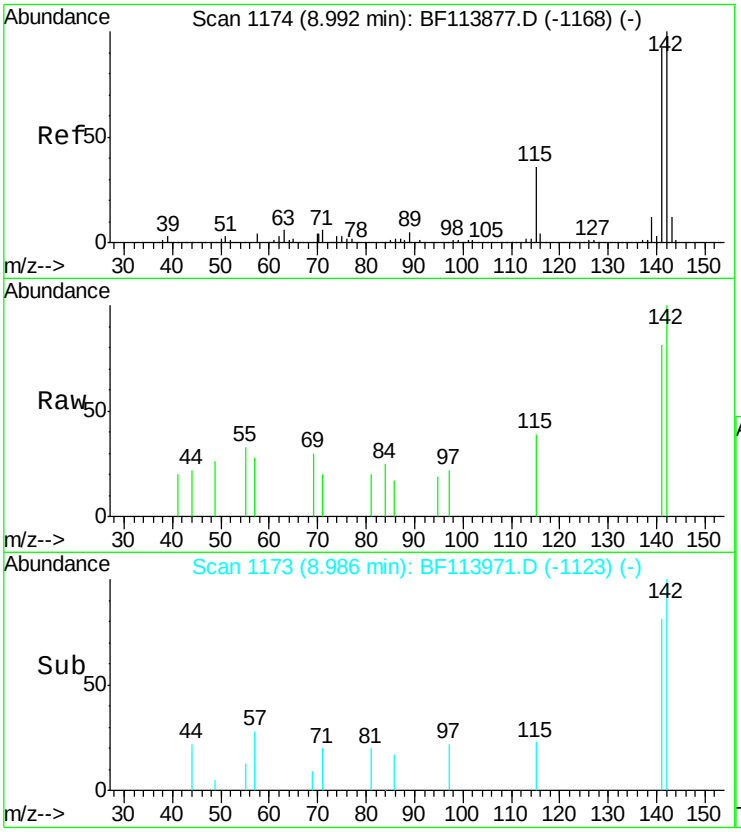


#37
2-Methylnaphthalene
Concen: 0.193 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Tgt Ion:142 Resp: 2724

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.4	105.6
115	30.1	26.3	39.5



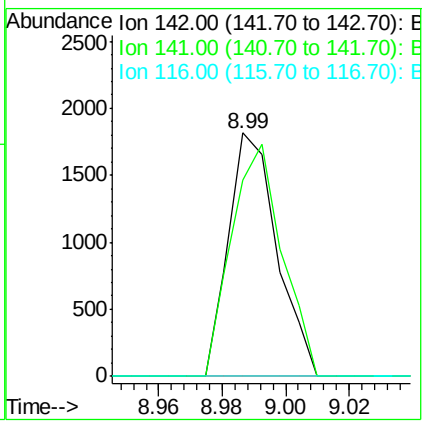


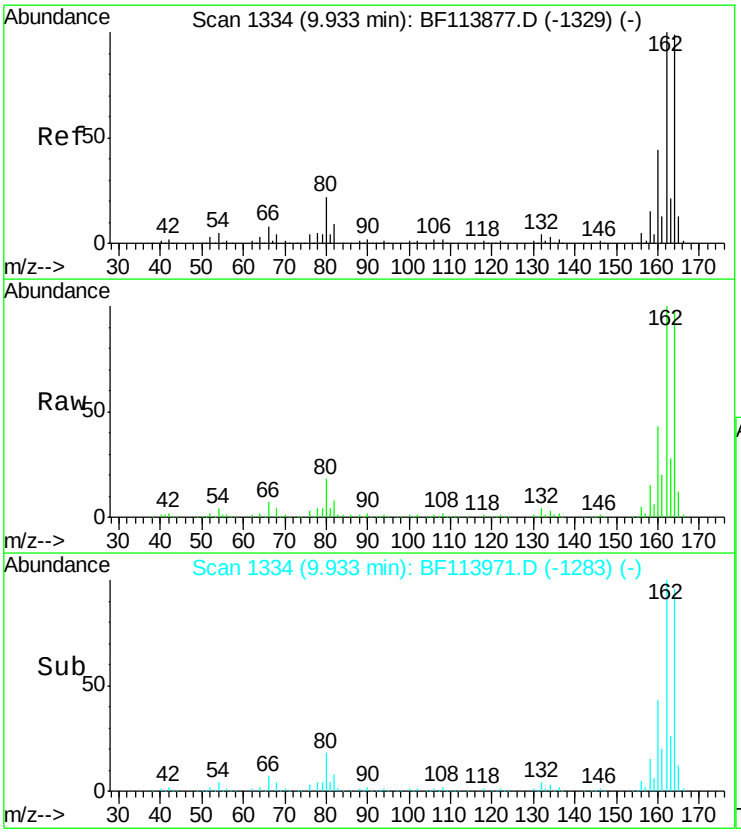
#38
1-Methylnaphthalene
Concen: 0.141 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 1914

Ion	Ratio	Lower	Upper
142	100		
141	80.5	72.3	108.5
116	0.0	3.0	4.4#

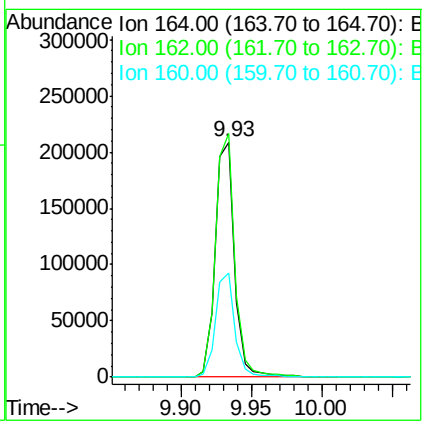


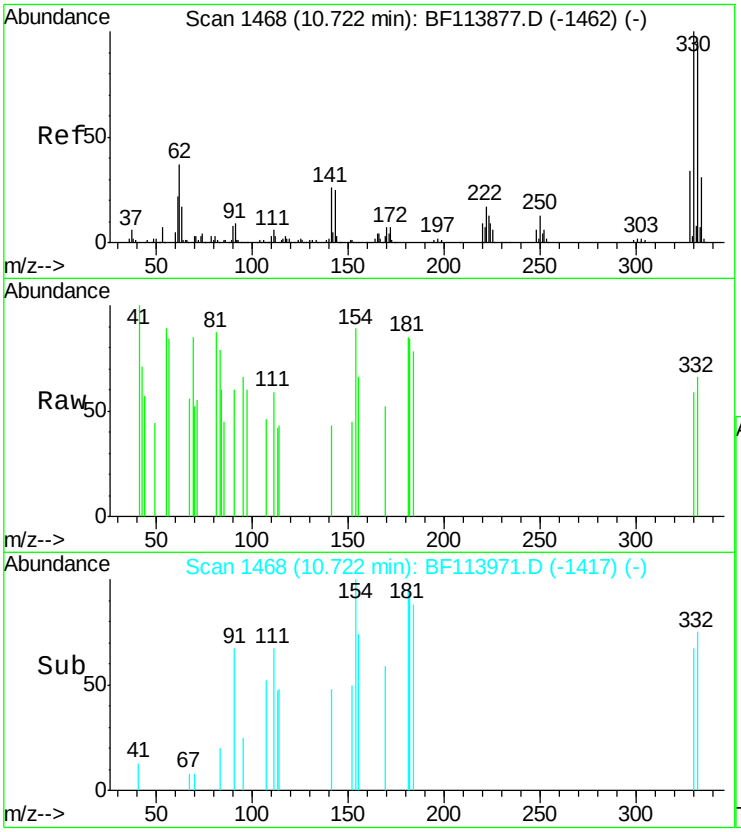


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Tgt Ion:164 Resp: 198998

Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.1	121.7
160	44.2	35.8	53.6



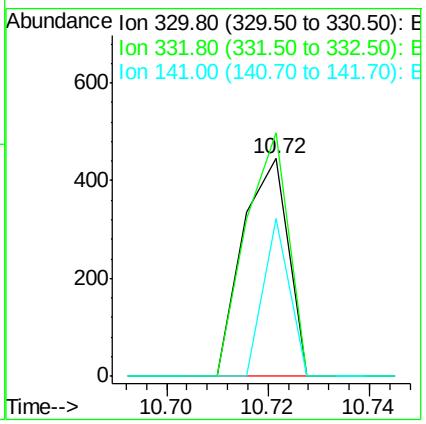


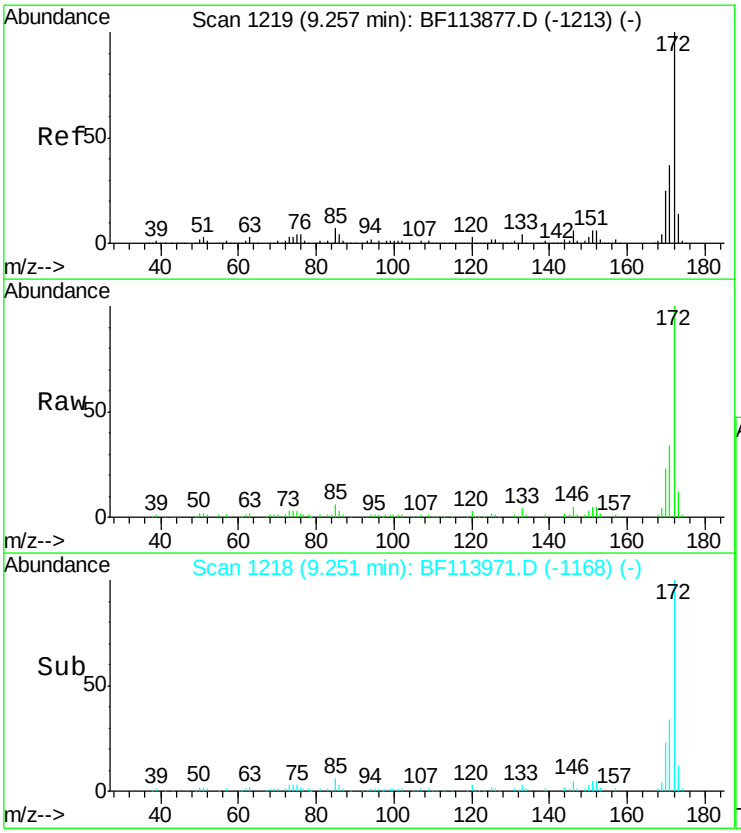
#42
2,4,6-Tribromophenol
Concen: 0.114 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 276

Ion	Ratio	Lower	Upper
330	100		
332	104.7	77.5	116.3
141	41.3	22.2	33.2#

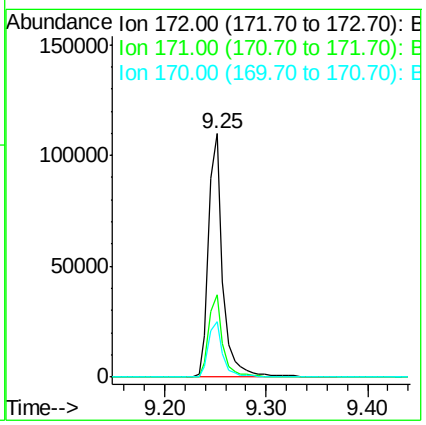


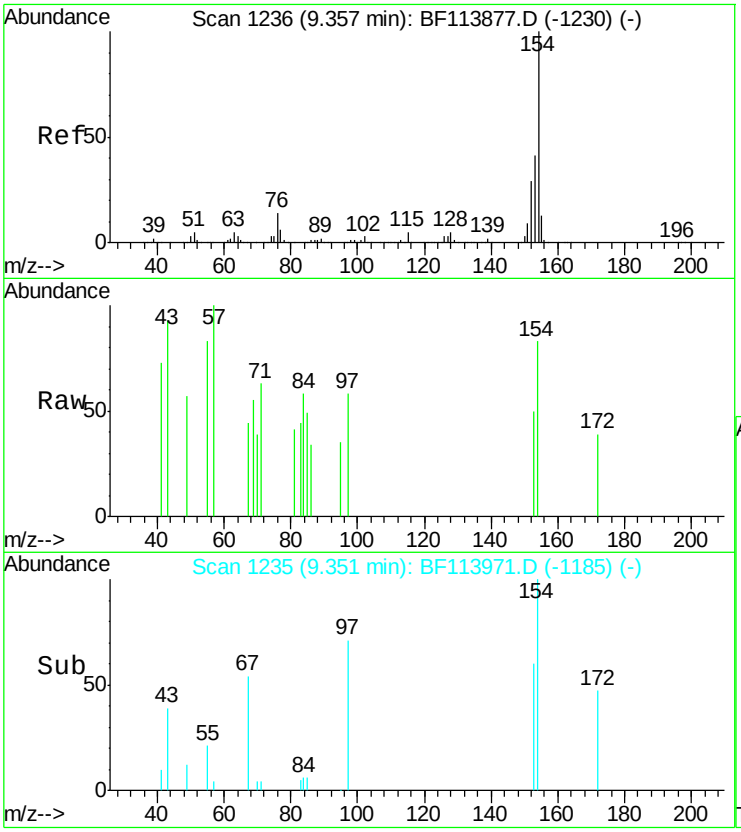


#45
2-Fluorobiphenyl
Concen: 8.418 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Tgt Ion:172 Resp: 107100

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.4	44.0
170	22.9	19.9	29.9



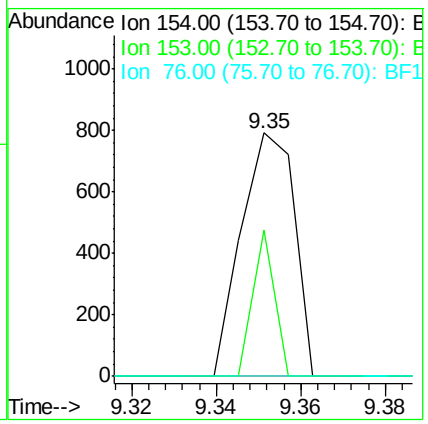


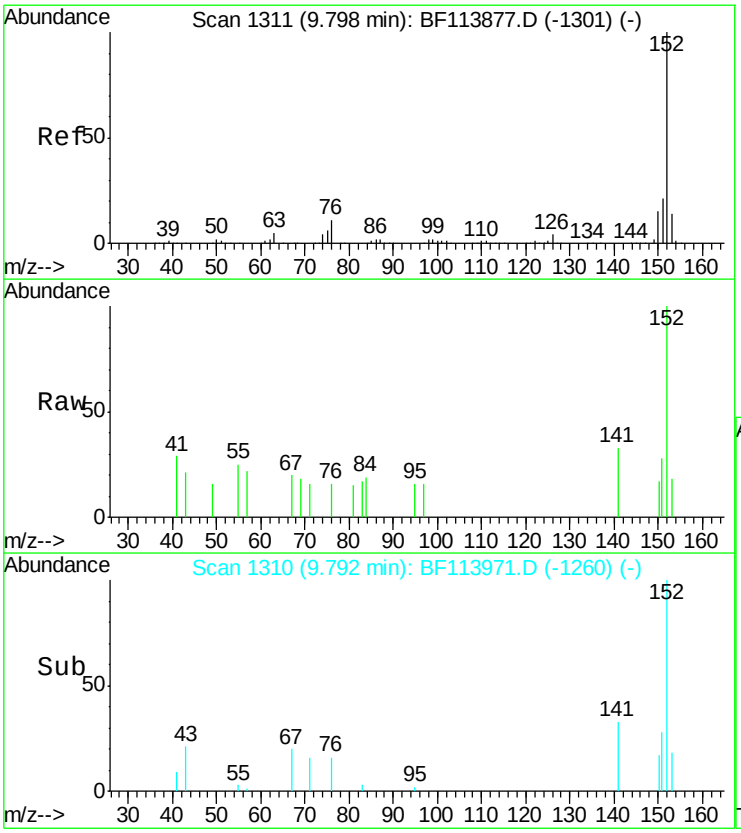
#46
1,1'-Biphenyl
Concen: 0.045 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 690

Ion	Ratio	Lower	Upper
154	100		
153	60.1	20.8	60.8
76	0.0	0.0	35.2

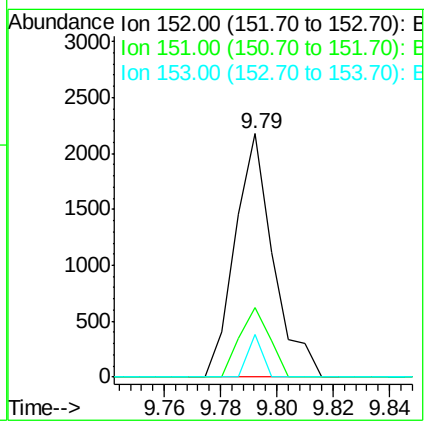


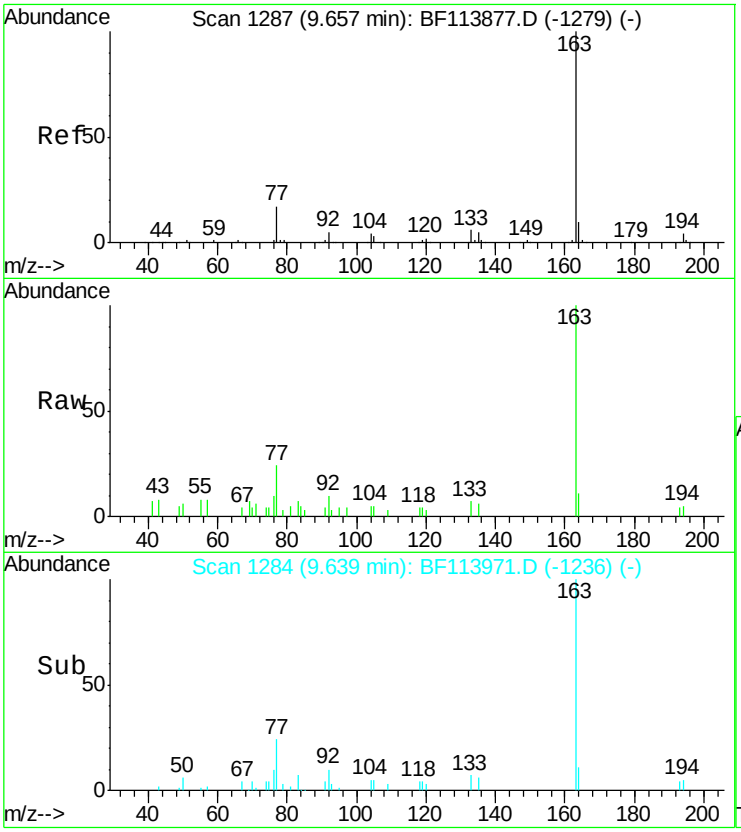


#49
Acenaphthylene
Concen: 0.106 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Tgt Ion:152 Resp: 2043

Ion	Ratio	Lower	Upper
152	100		
151	28.4	17.0	25.4#
153	17.6	11.0	16.6#



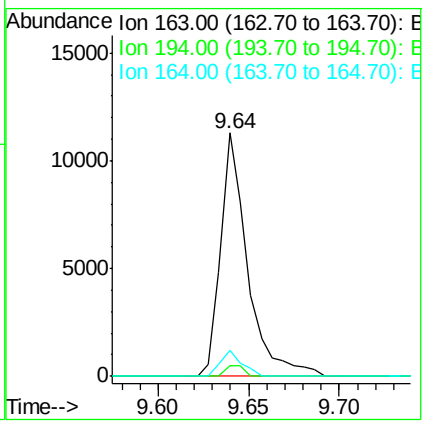


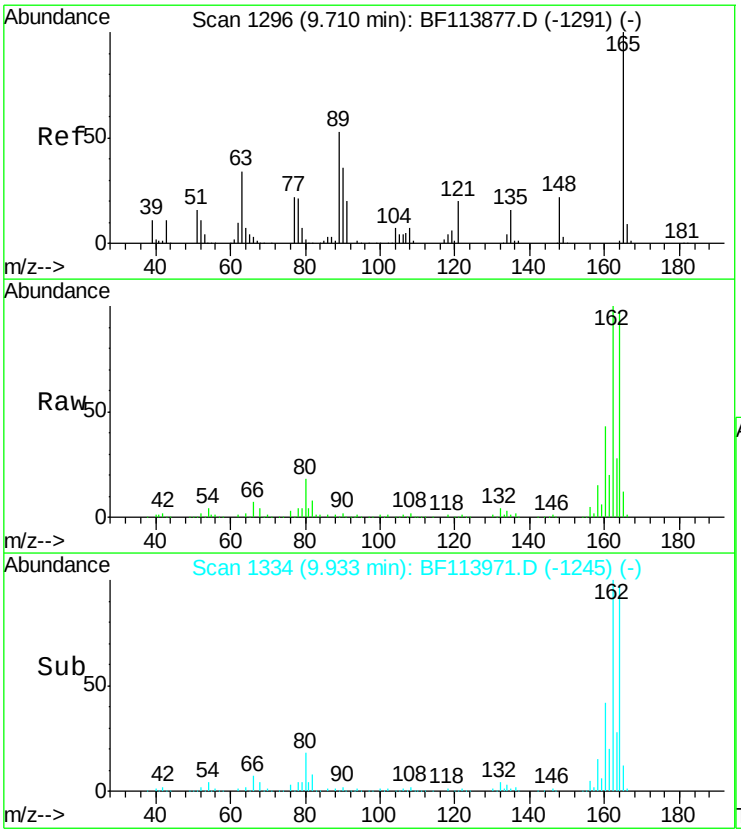
#50
Dimethylphthalate
Concen: 0.810 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 11664

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.7	8.5	12.7

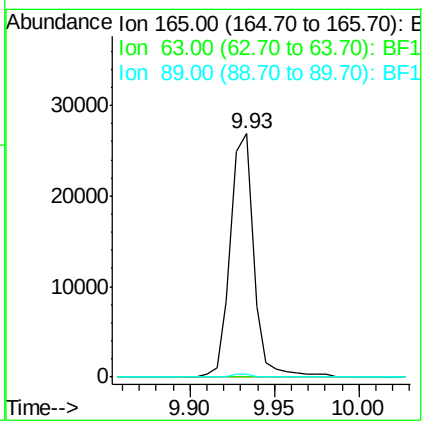


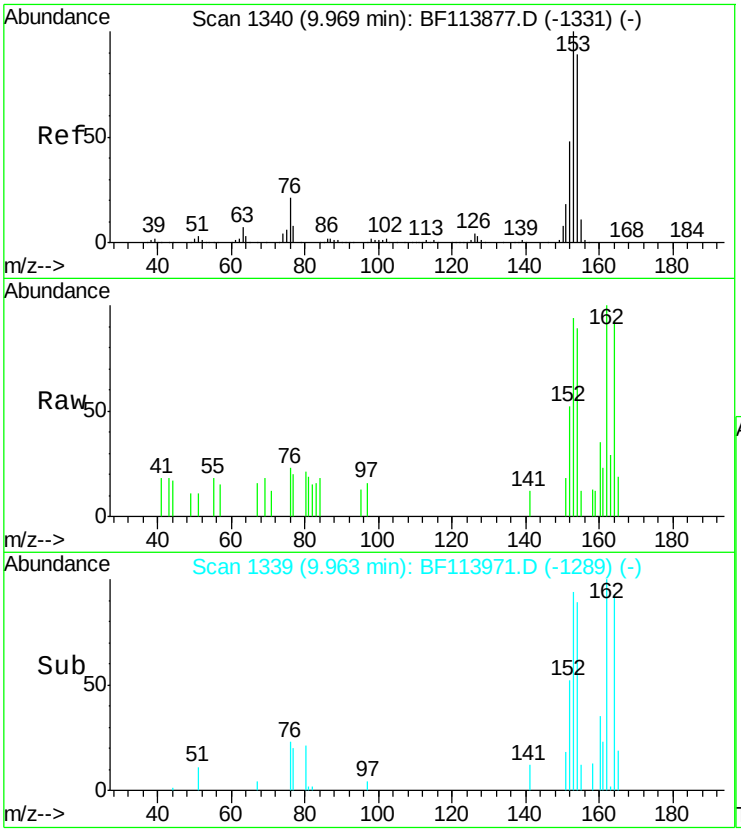


#51
2,6-Dinitrotoluene
Concen: 8.433 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.22 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Tgt Ion:165 Resp: 26039

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.8#
89	1.4	38.2	57.2#



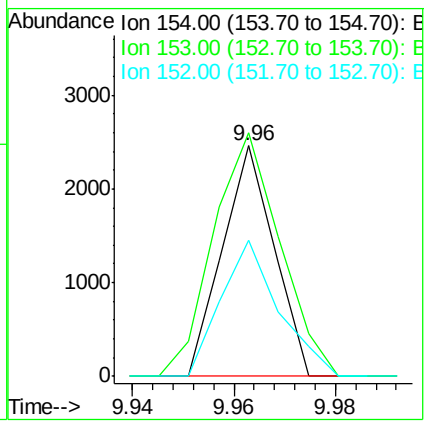


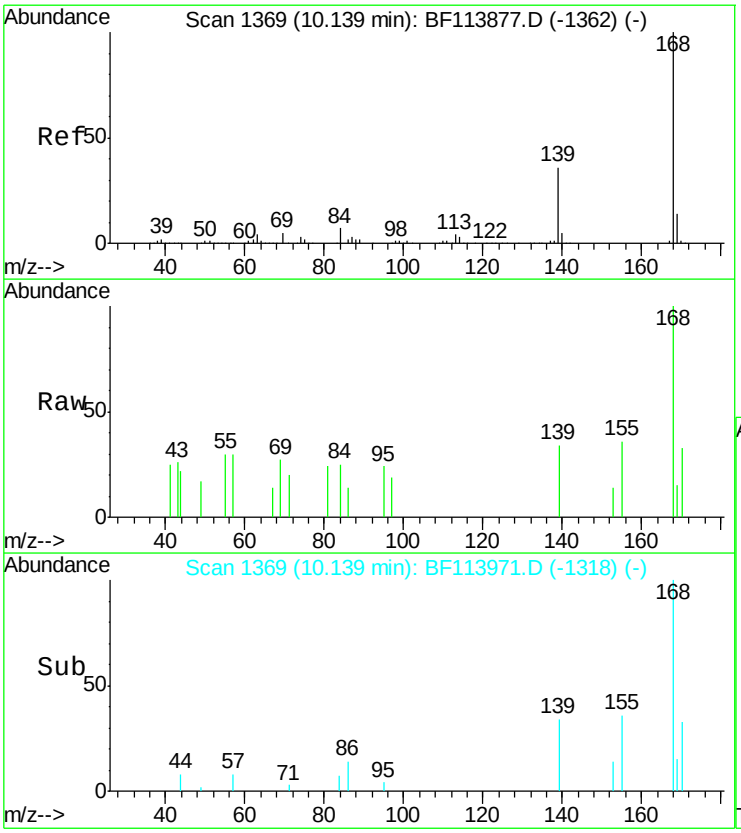
#52
Acenaphthene
Concen: 0.152 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 1736

Ion	Ratio	Lower	Upper
154	100		
153	105.5	87.2	130.8
152	59.1	42.3	63.5

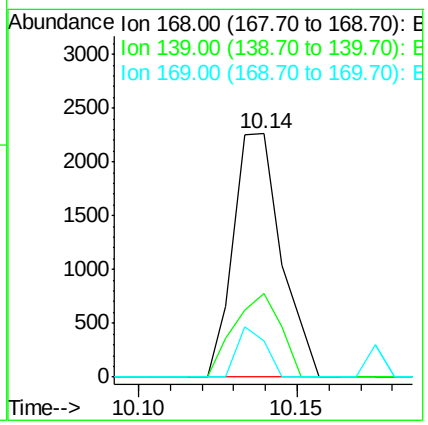


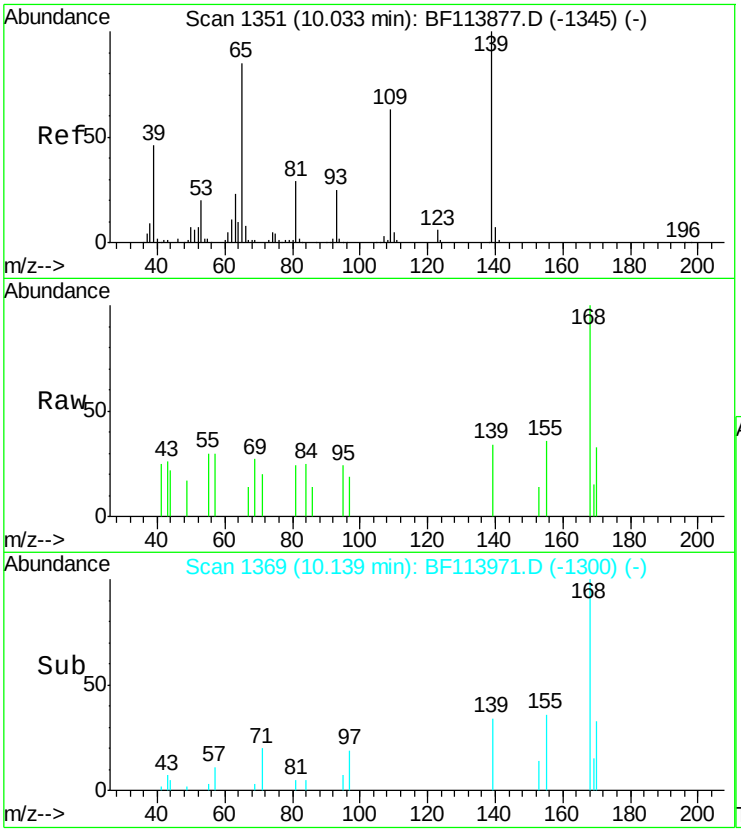


#55
Dibenzofuran
Concen: 0.138 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Tgt Ion:168 Resp: 2370

Ion	Ratio	Lower	Upper
168	100		
139	34.3	27.8	41.6
169	14.7	11.0	16.6



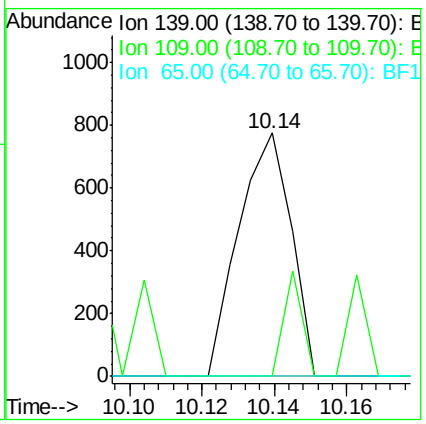


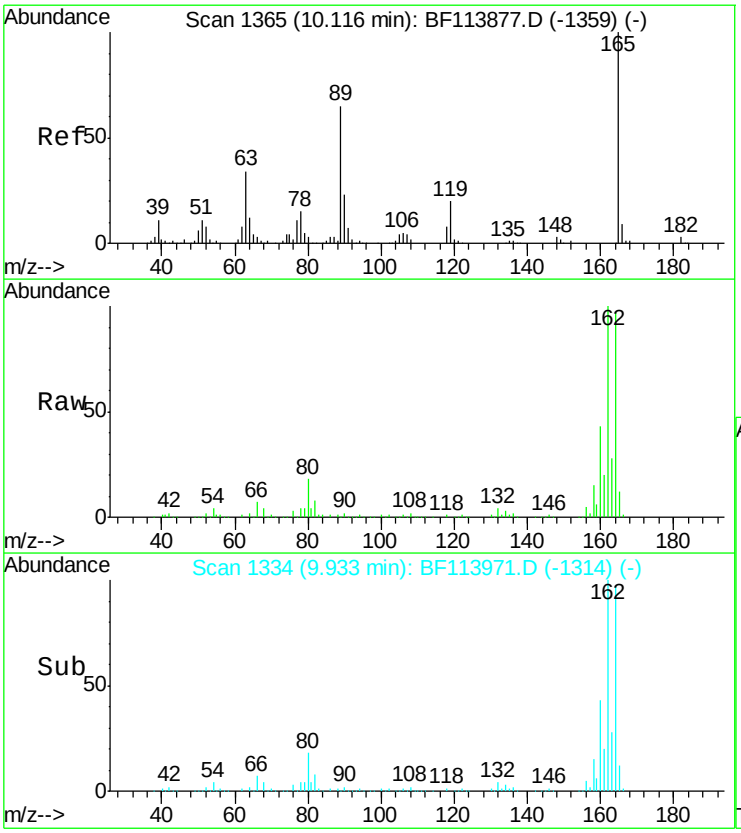
#56
4-Nitrophenol
Concen: 0.306 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.11 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 785

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

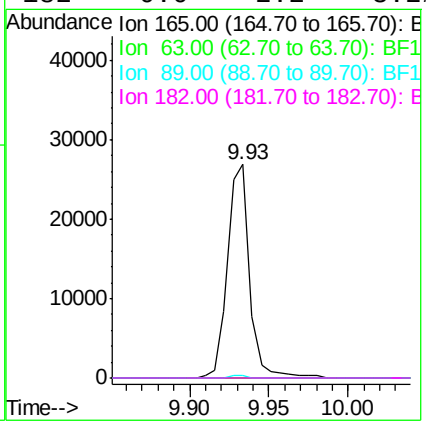


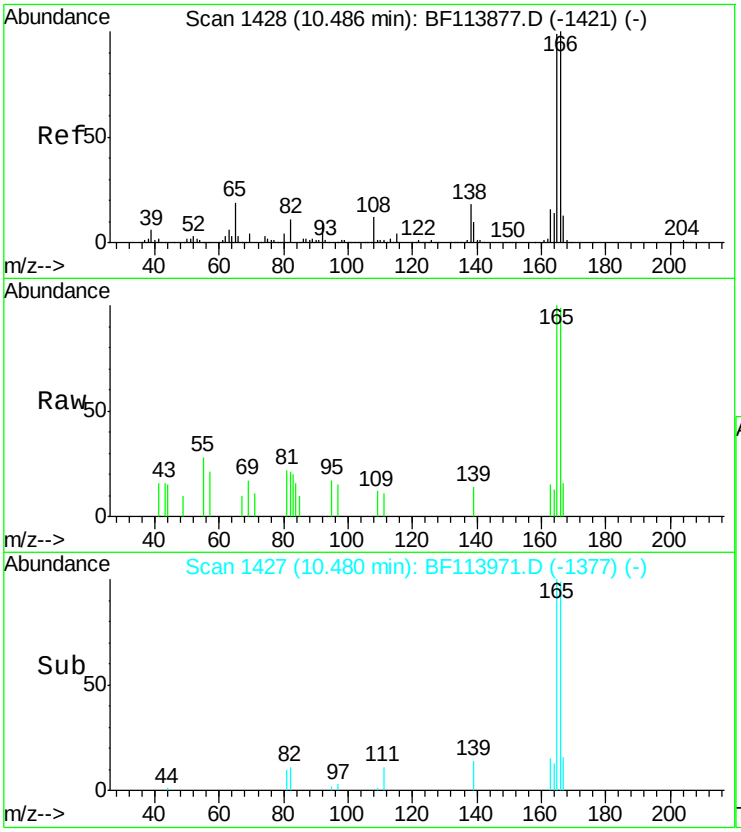


#57
2,4-Dinitrotoluene
Concen: 6.681 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Tgt Ion:165 Resp: 26039

Ion	Ratio	Lower	Upper
165	100		
63	0.0	27.4	41.0#
89	1.4	51.8	77.6#
182	0.0	2.2	3.2#



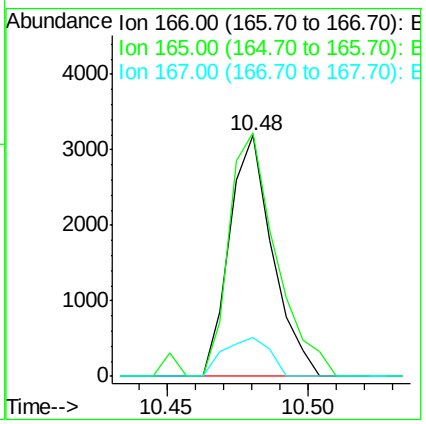


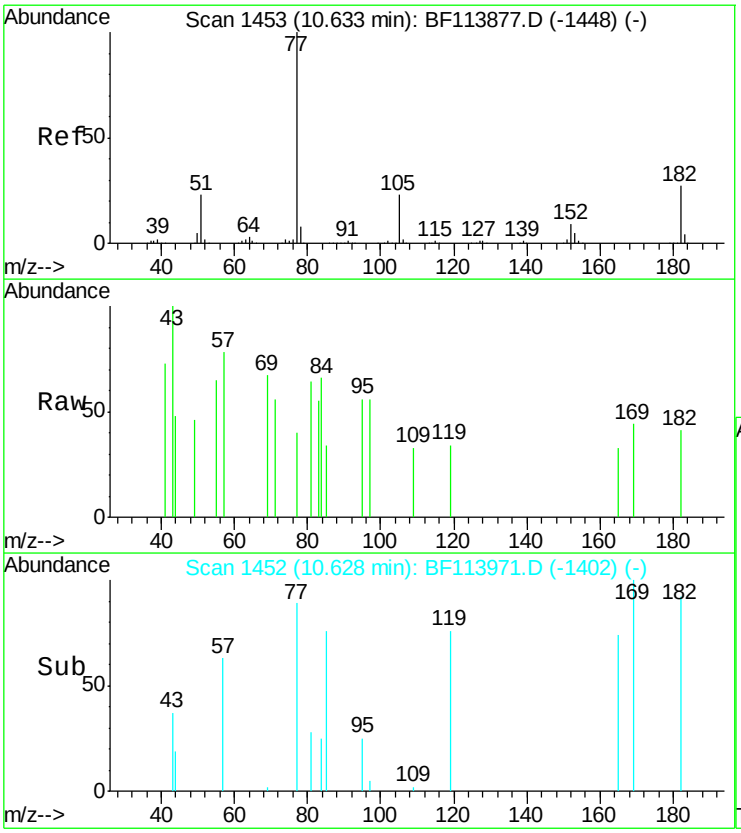
#58
Fluorene
Concen: 0.262 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 3377

Ion	Ratio	Lower	Upper
166	100		
165	101.3	78.4	117.6
167	16.0	10.9	16.3

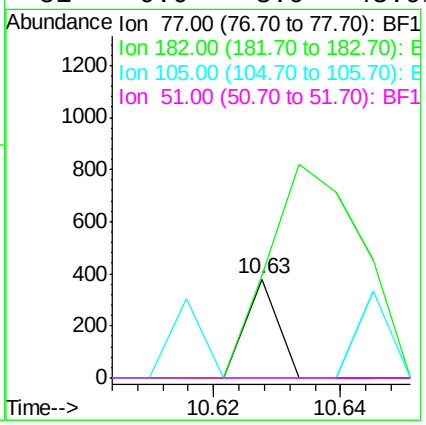


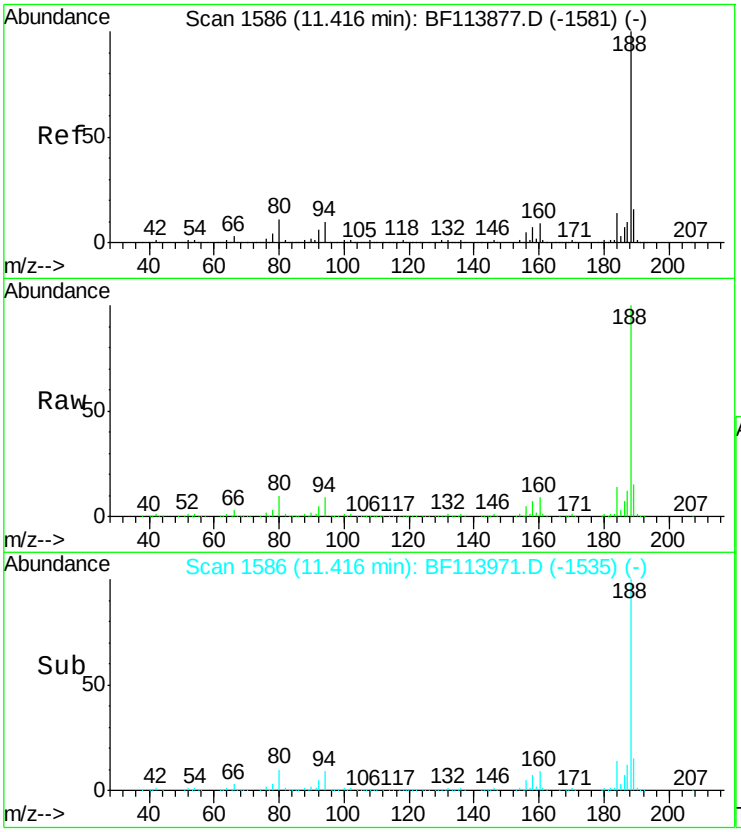


#63
Azobenzene
Concen: 0.010 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Tgt Ion: 77 Resp: 134

Ion	Ratio	Lower	Upper
77	100		
182	103.2	4.4	44.4#
105	0.0	2.2	42.2#
51	0.0	3.9	43.9#



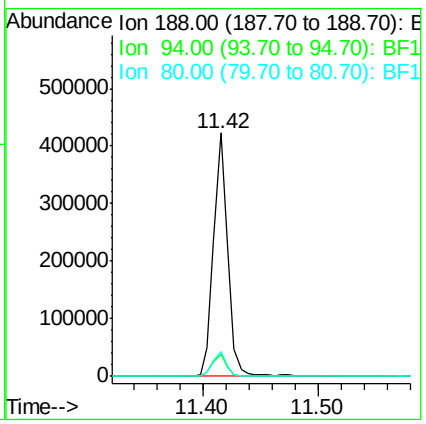


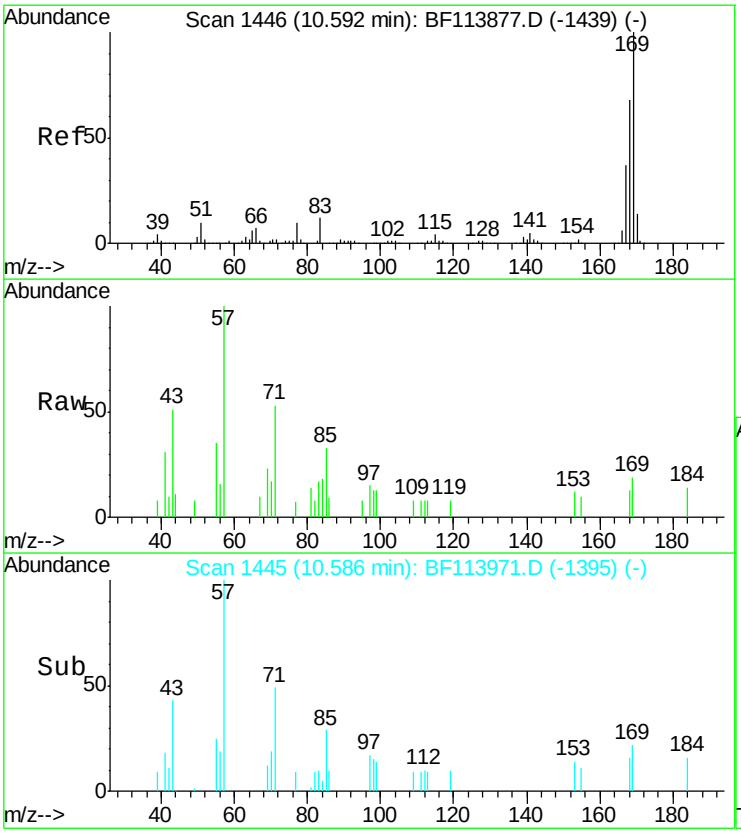
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 359924

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

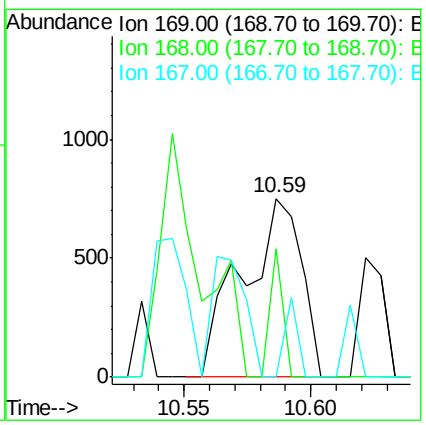


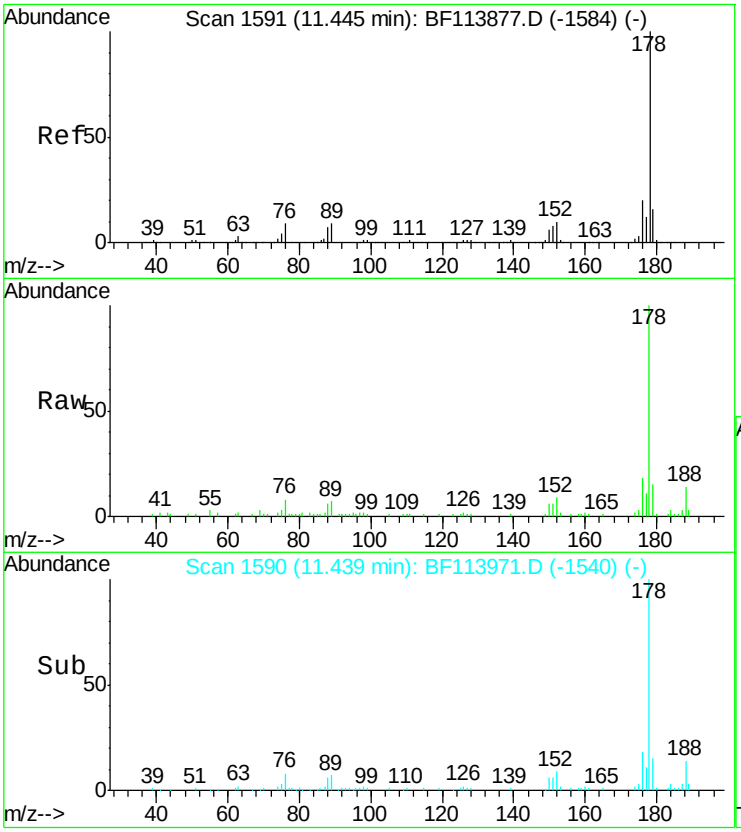


#66
n-Nitrosodiphenylamine
Concen: 0.113 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Tgt Ion:169 Resp: 1219

Ion	Ratio	Lower	Upper
169	100		
168	72.0	54.3	81.5
167	0.0	29.4	44.0#



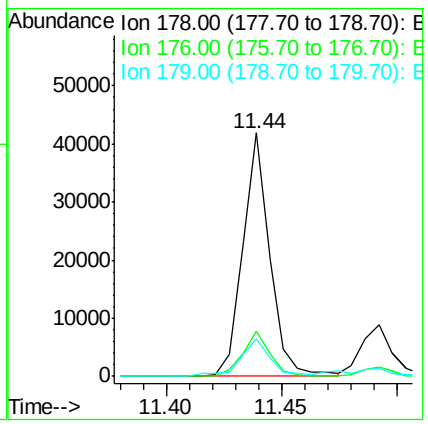


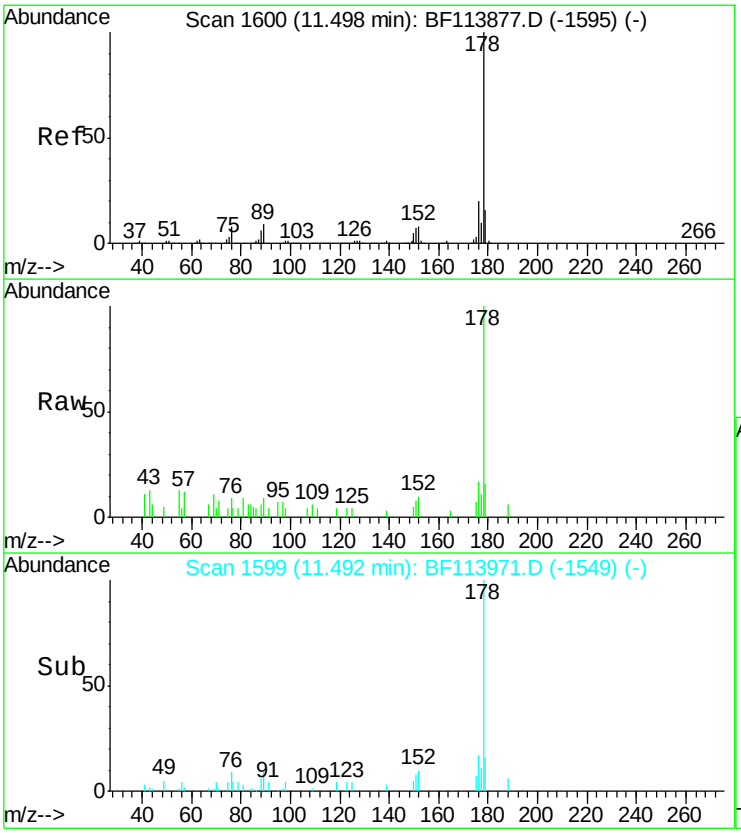
#71
Phenanthrene
Concen: 1.894 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 34254

Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.1	24.1
179	15.4	12.8	19.2

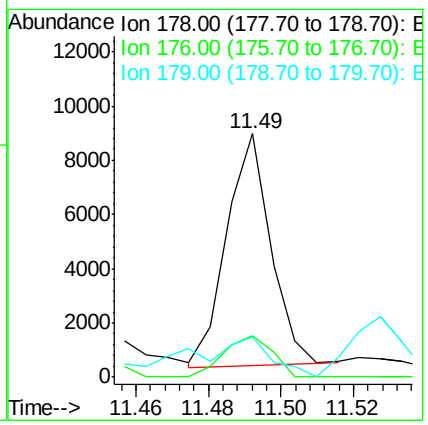


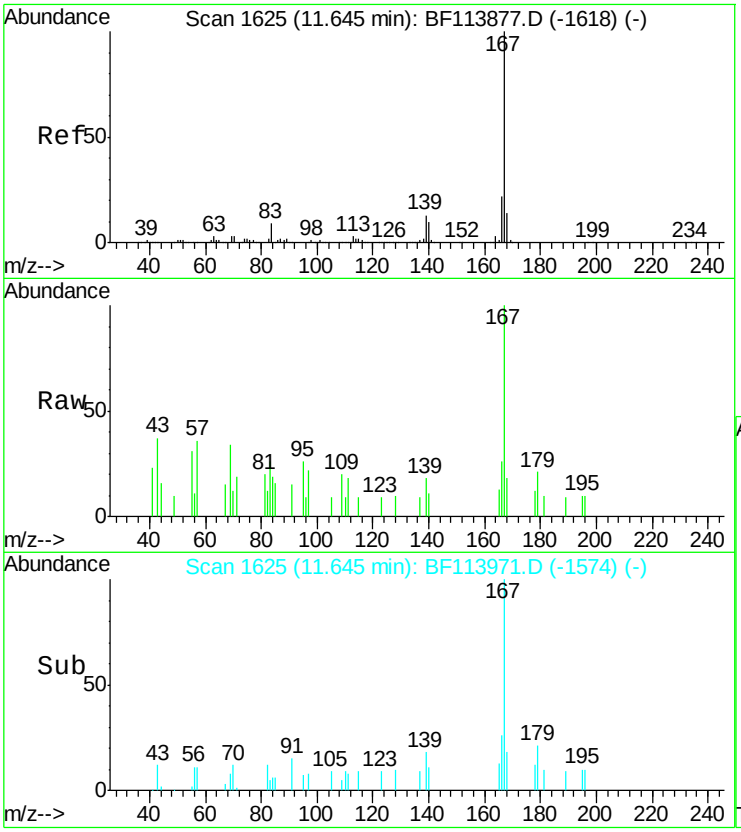


#72
Anthracene
Concen: 0.399 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Tgt Ion:178 Resp: 7297

Ion	Ratio	Lower	Upper
178	100		
176	16.8	15.7	23.5
179	16.3	13.0	19.4



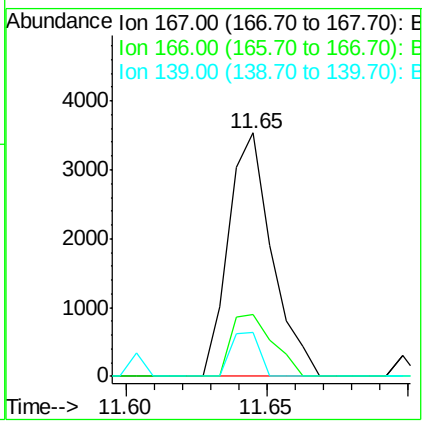


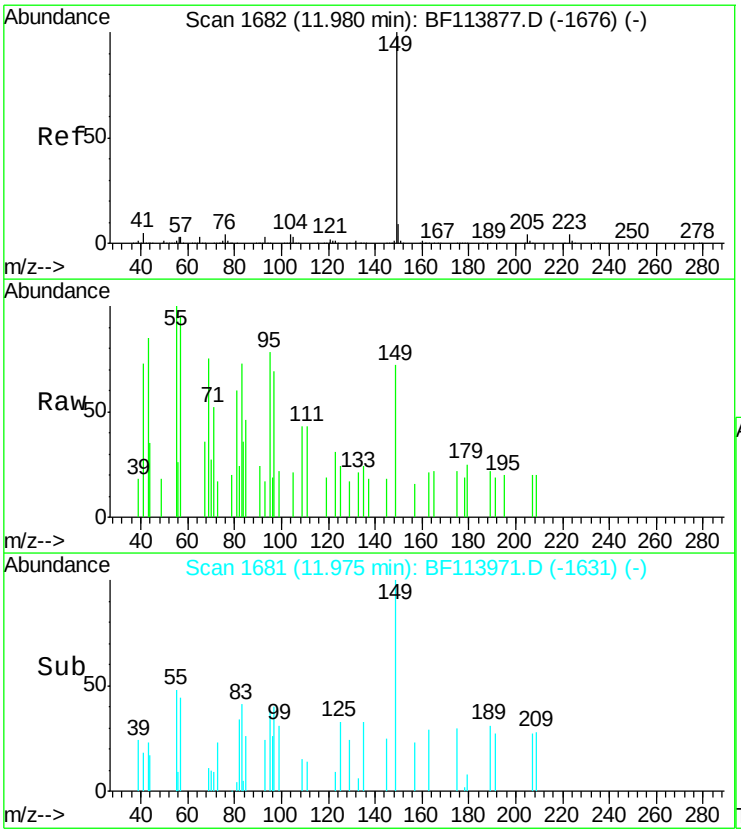
#73
Carbazole
Concen: 0.233 ng
RT: 11.65 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 3790

Ion	Ratio	Lower	Upper
167	100		
166	25.7	17.7	26.5
139	17.9	10.0	15.0#

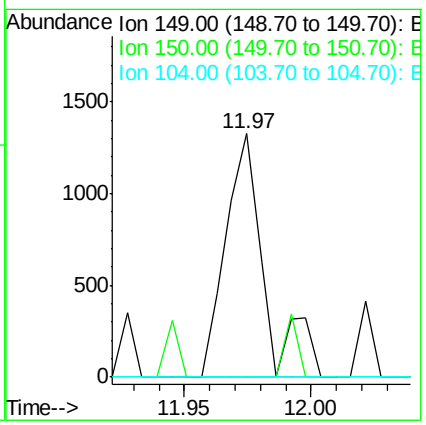


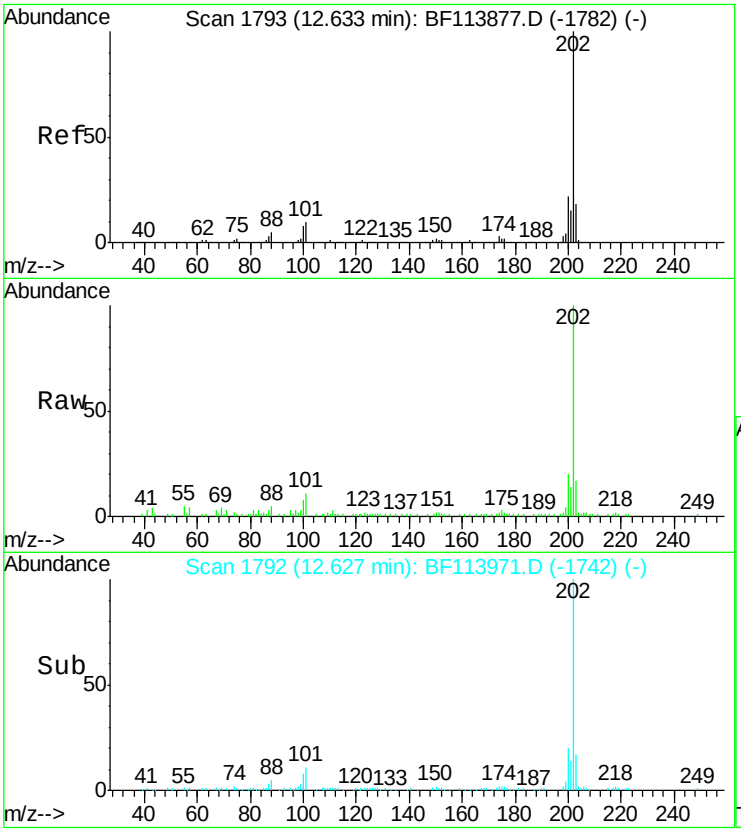


#74
Di-n-butylphthalate
Concen: 0.074 ng
RT: 11.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Tgt Ion:149 Resp: 1414

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



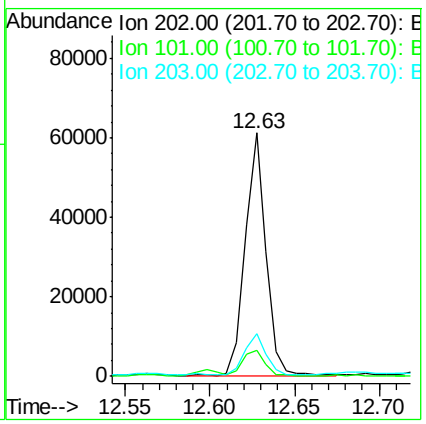


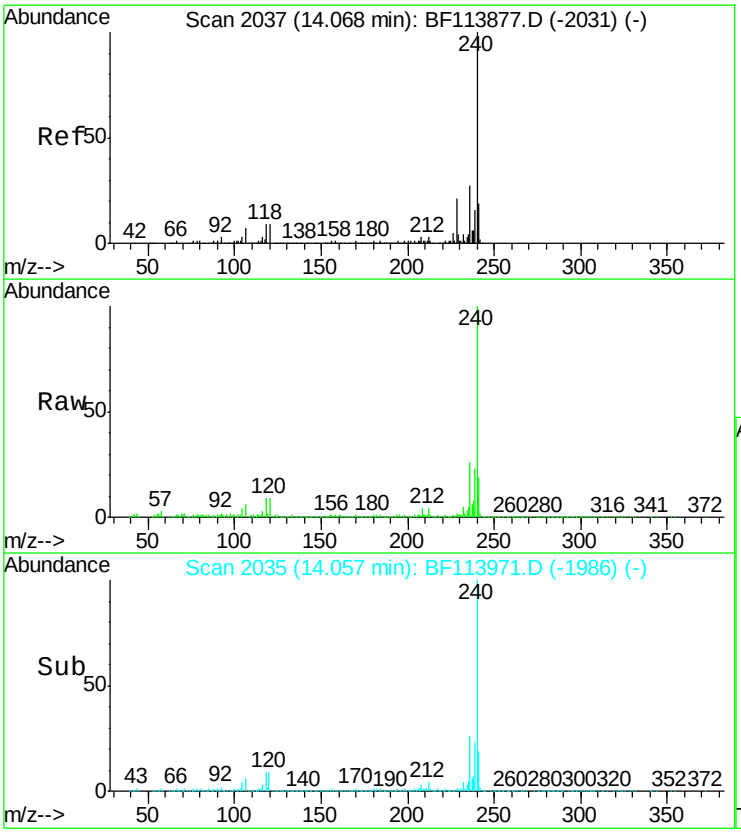
#75
Fluoranthene
Concen: 2.700 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 53281

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	32.9
203	17.4	0.0	38.2

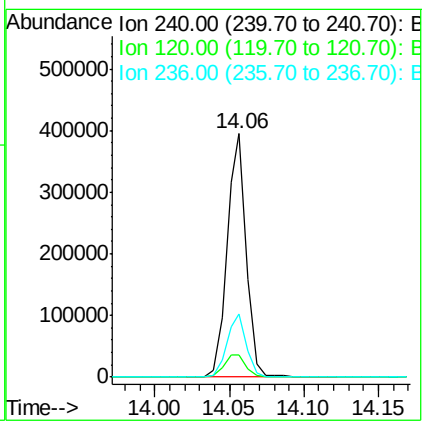


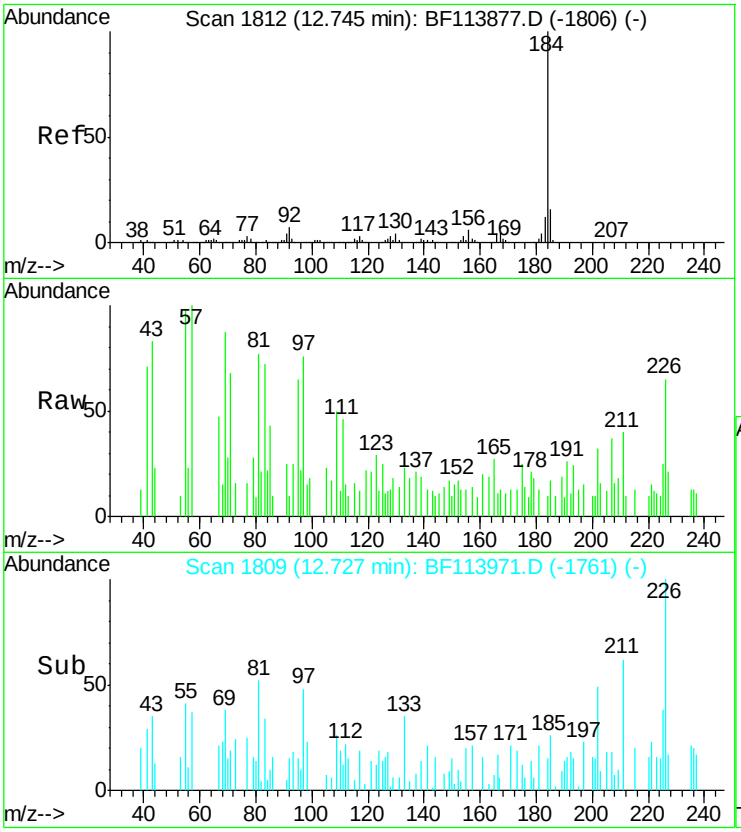


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Tgt Ion:240 Resp: 354528

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.3	13.9#
236	26.0	21.2	31.8



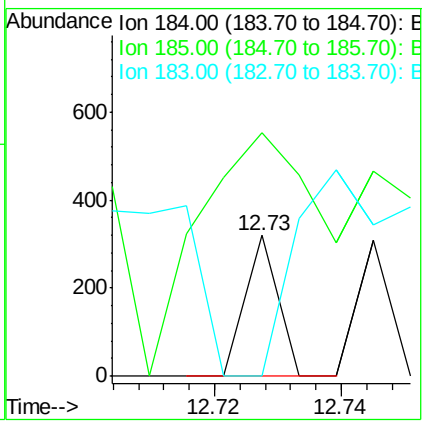


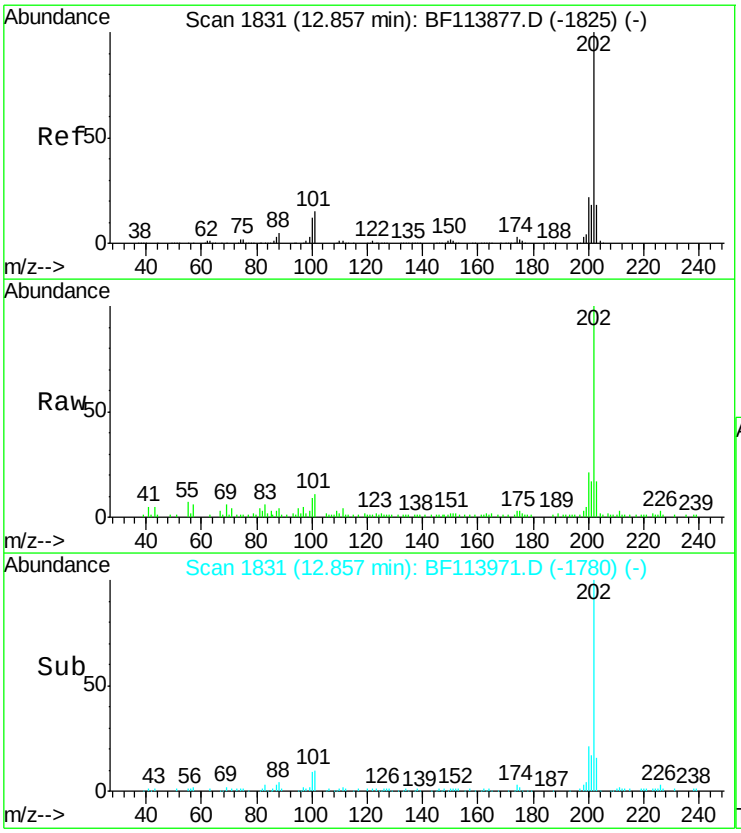
#77
Benzidine
Concen: 0.011 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.02 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 113

Ion	Ratio	Lower	Upper
184	100		
185	172.8	13.0	19.6#
183	0.0	9.4	14.0#

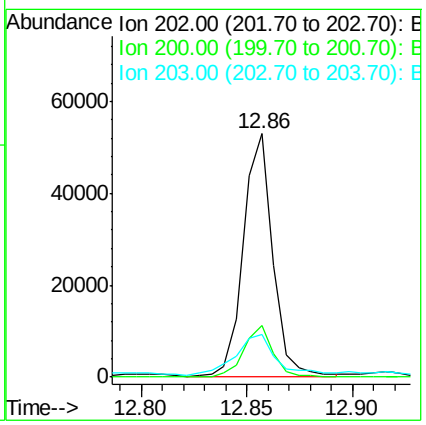


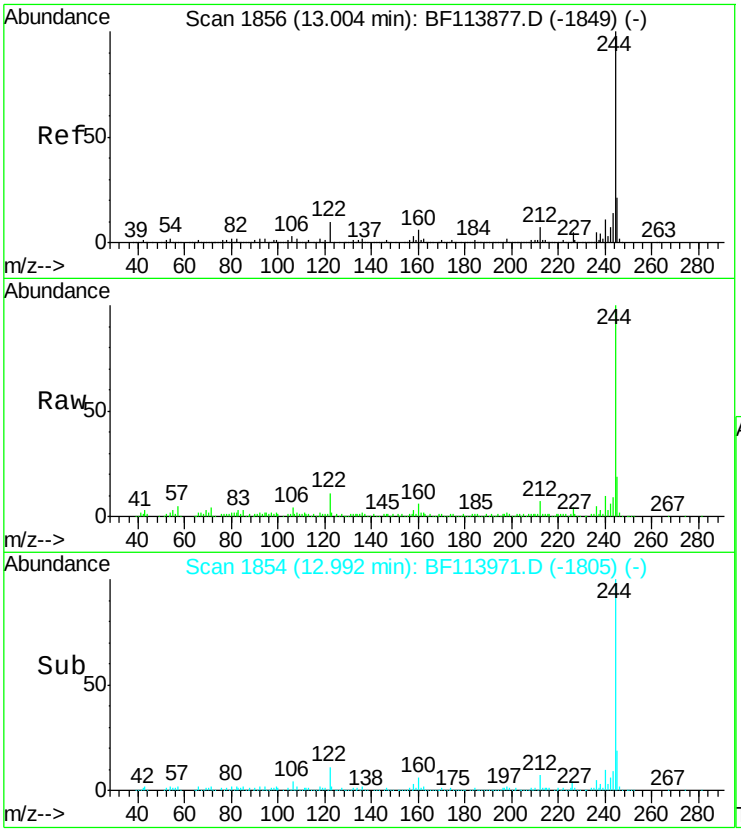


#78
Pyrene
Concen: 2.086 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Tgt Ion:202 Resp: 51718

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.7	26.5
203	17.3	15.0	22.6



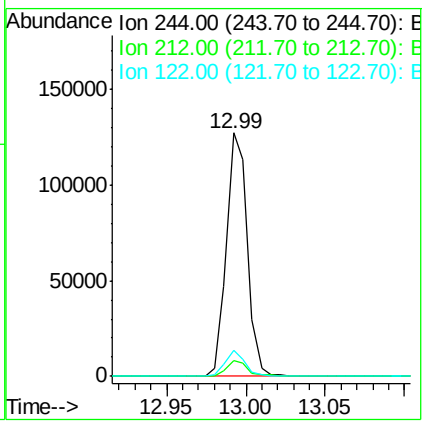


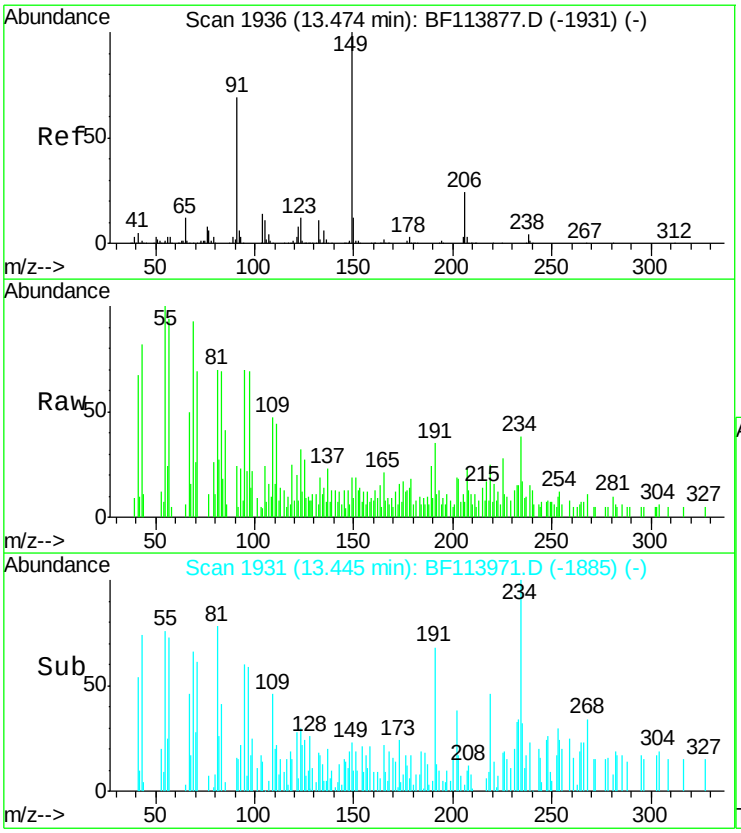
#79
Terphenyl-d14
Concen: 6.734 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 116447

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	10.6	7.6	11.4

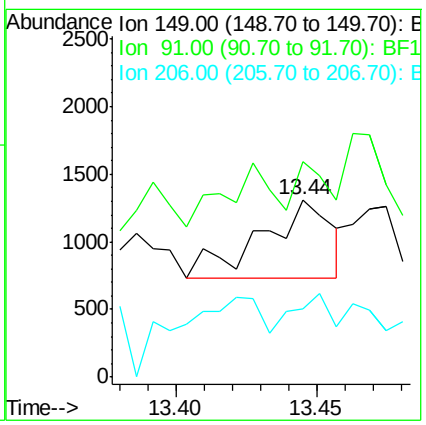


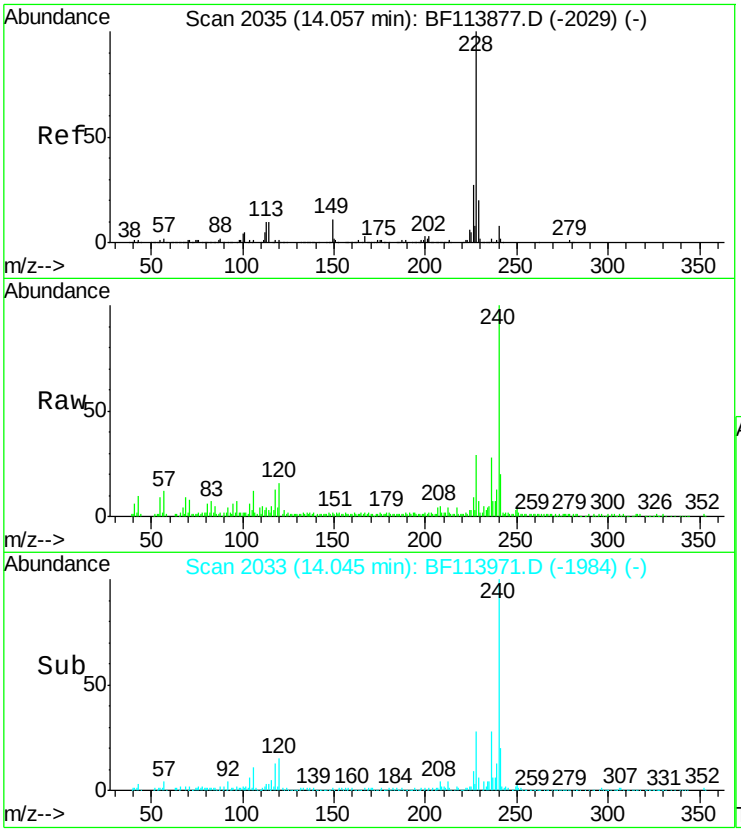


#80
Butylbenzylphthalate
Concen: 0.103 ng
RT: 13.44 min Scan# 1931
Delta R.T. -0.03 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Tgt Ion:149 Resp: 1003

Ion	Ratio	Lower	Upper
149	100		
91	121.5	56.3	84.5#
206	38.3	19.0	28.6#



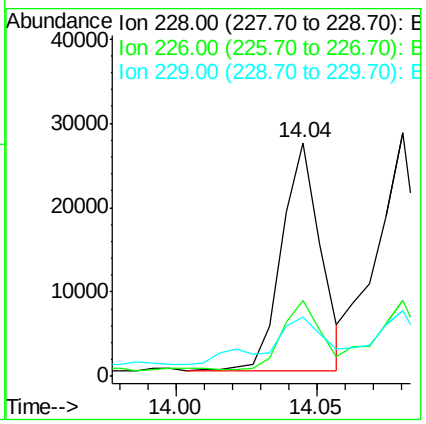


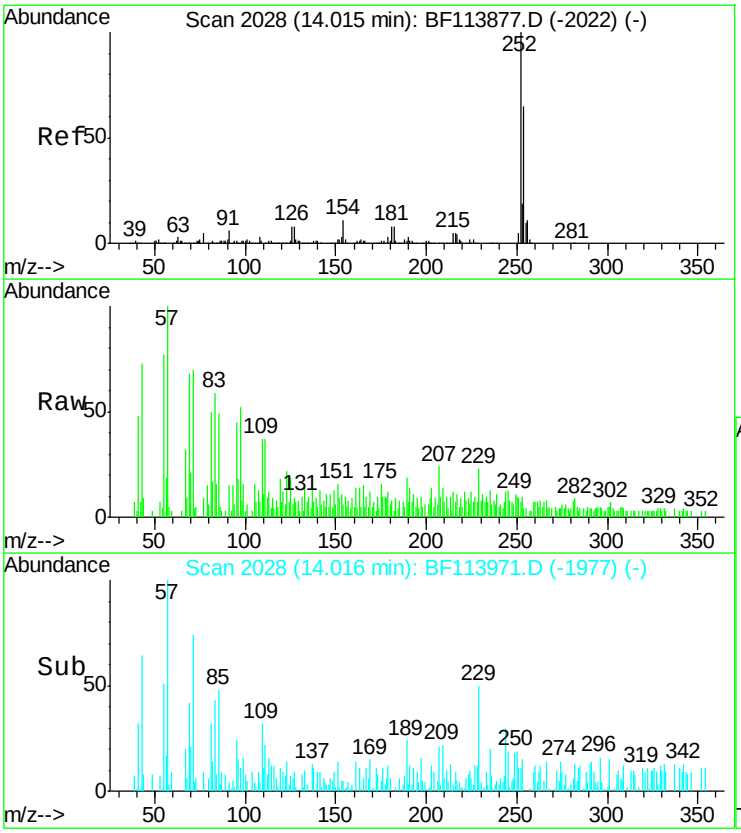
#81
Benzo(a)anthracene
Concen: 1.226 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 25617

Ion	Ratio	Lower	Upper
228	100		
226	32.5	22.2	33.2
229	25.6	16.0	24.0#

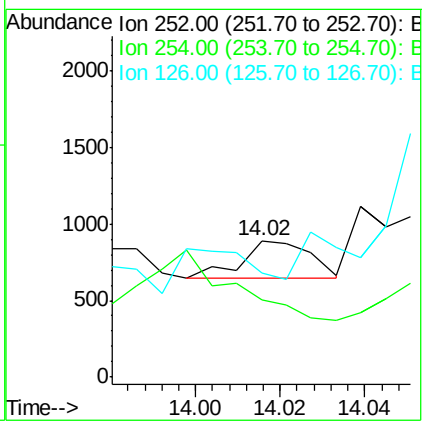


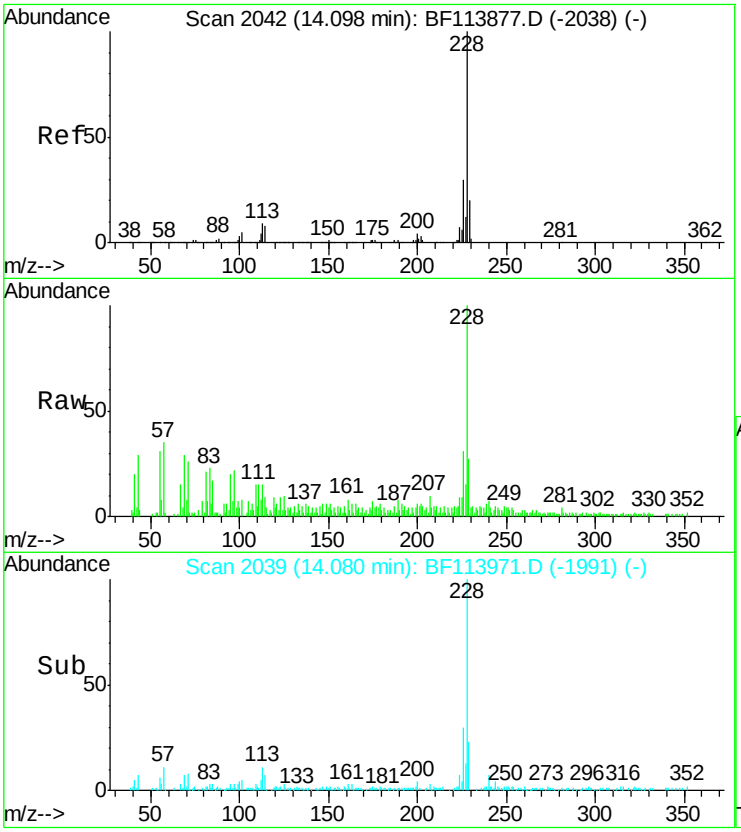


#82
3,3'-Dichlorobenzidine
Concen: 0.036 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Tgt Ion:252 Resp: 273

Ion	Ratio	Lower	Upper
252	100		
254	56.9	52.1	78.1
126	75.8	9.3	13.9#



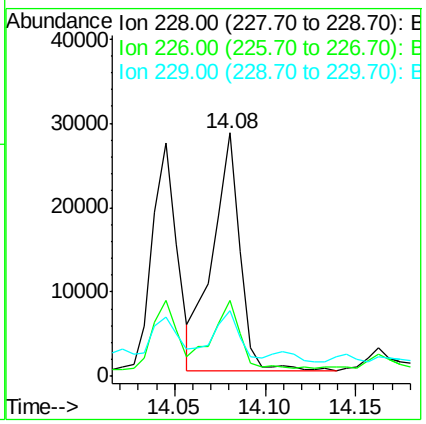


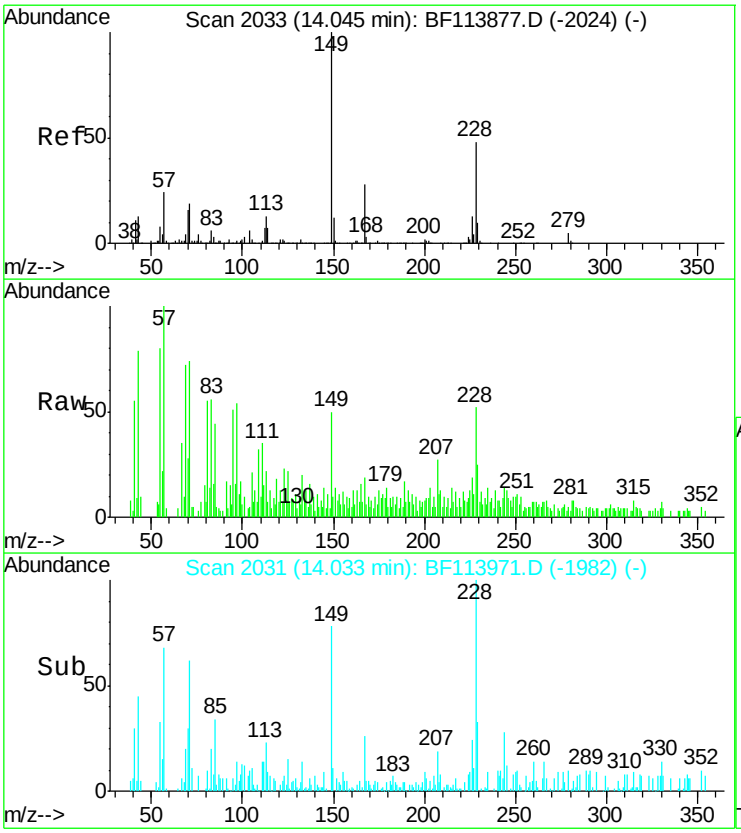
#83
Chrysene
Concen: 1.472 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.02 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 29944

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.2	37.8
229	26.8	16.7	25.1#

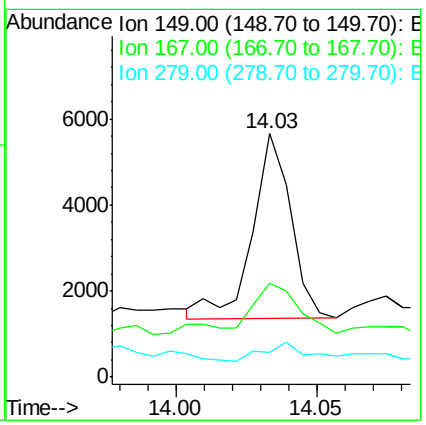


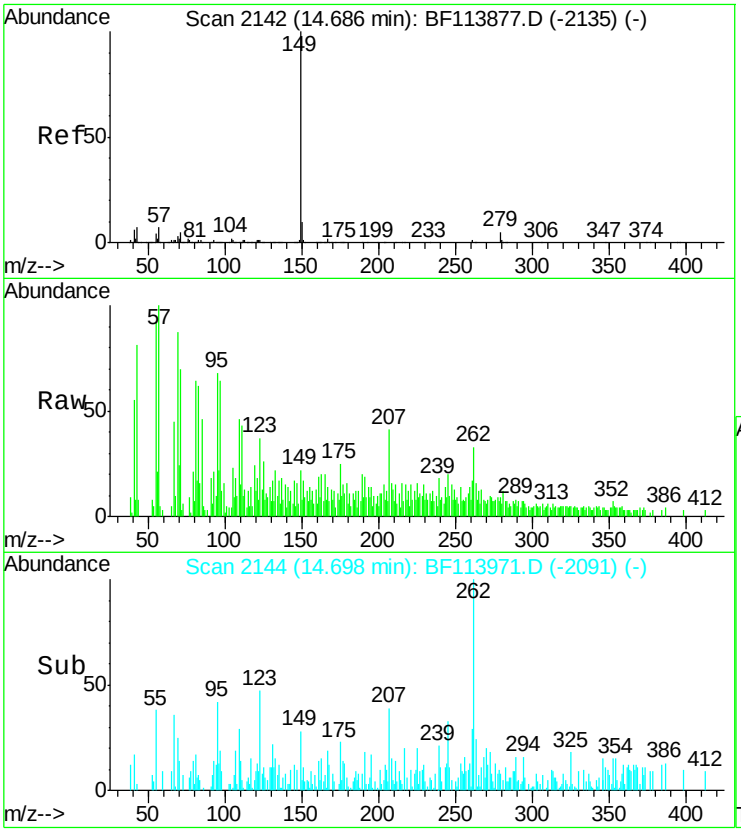


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.326 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Tgt Ion:149 Resp: 4046

Ion	Ratio	Lower	Upper
149	100		
167	38.4	22.9	34.3#
279	10.1	4.2	6.2#



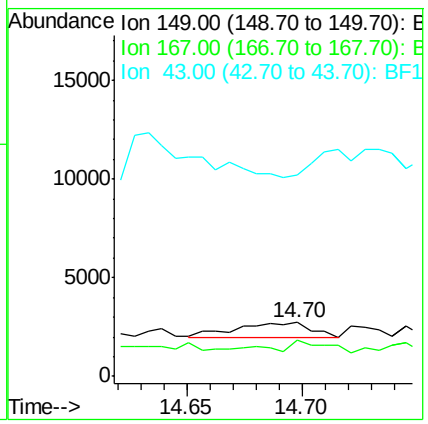


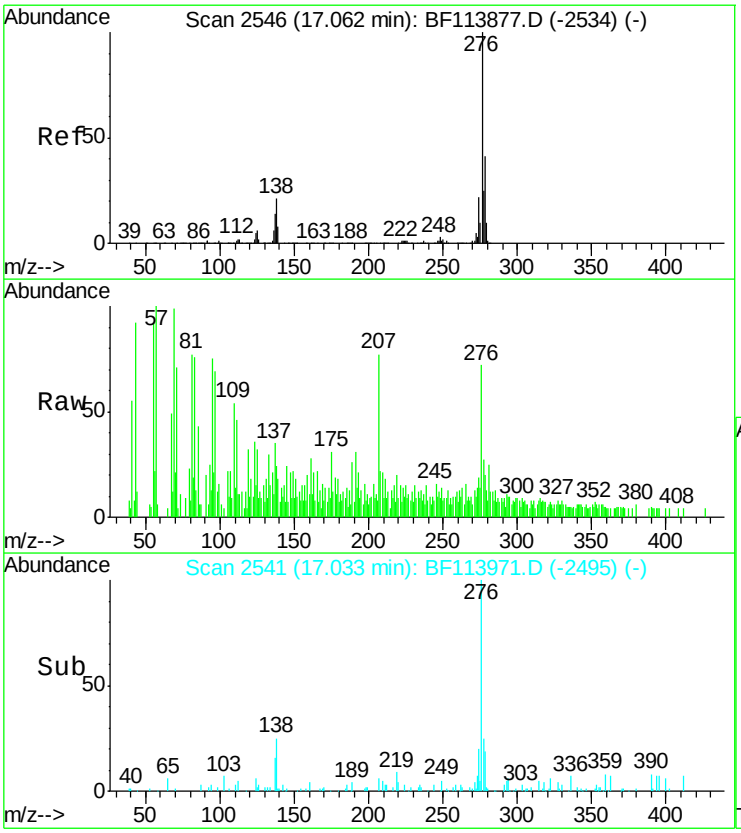
#85
Di-n-octyl phthalate
Concen: 0.086 ng
RT: 14.70 min Scan# 2144
Delta R.T. 0.01 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1670

Ion	Ratio	Lower	Upper
149	100		
167	38.1	1.3	1.9#
43	0.0	6.6	10.0#

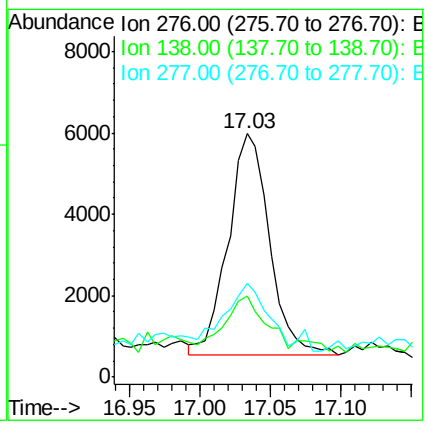


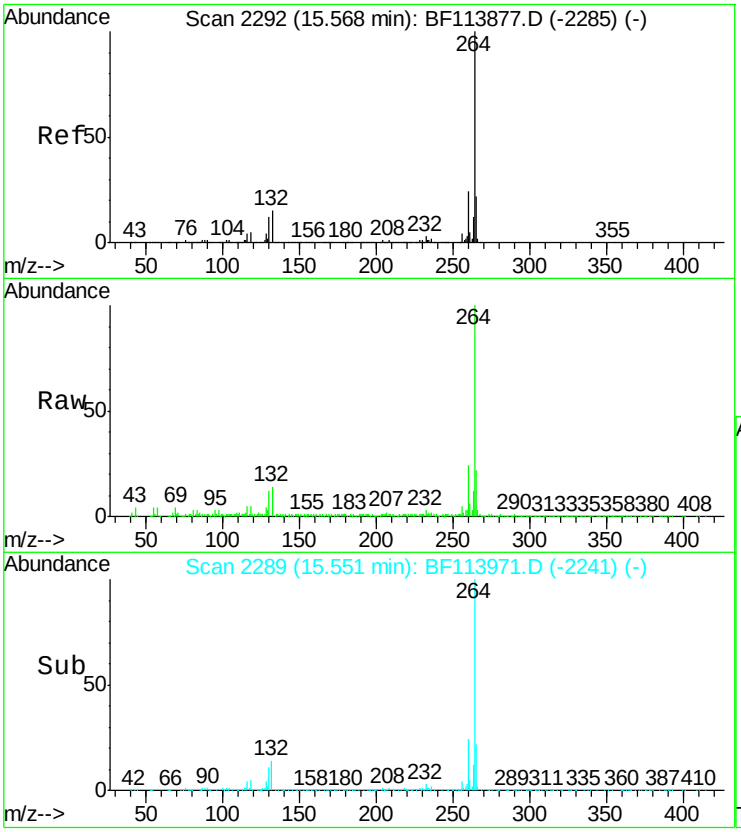


#86
Indeno(1,2,3-cd)pyrene
Concen: 0.579 ng
RT: 17.03 min Scan# 2541
Delta R.T. -0.03 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Tgt Ion:276 Resp: 11156

Ion	Ratio	Lower	Upper
276	100		
138	19.5	19.6	29.4#
277	30.6	20.2	30.4#



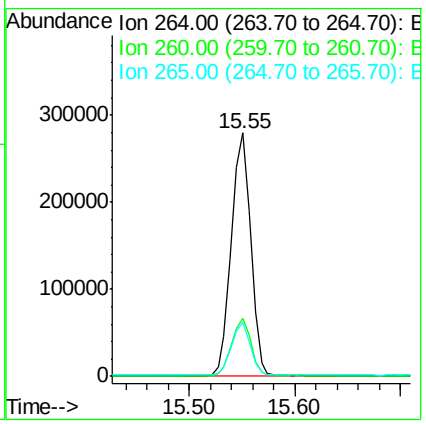


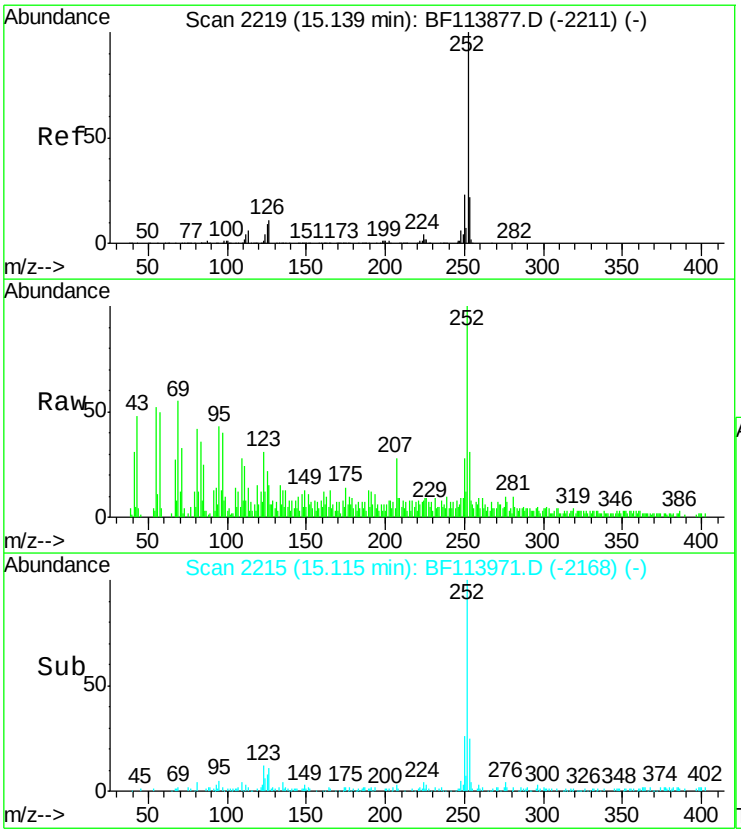
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.02 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 352163

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	22.4	17.3	25.9

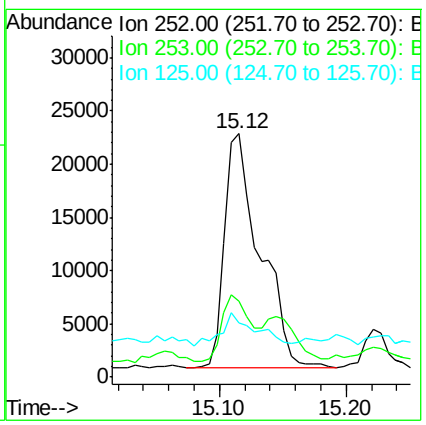


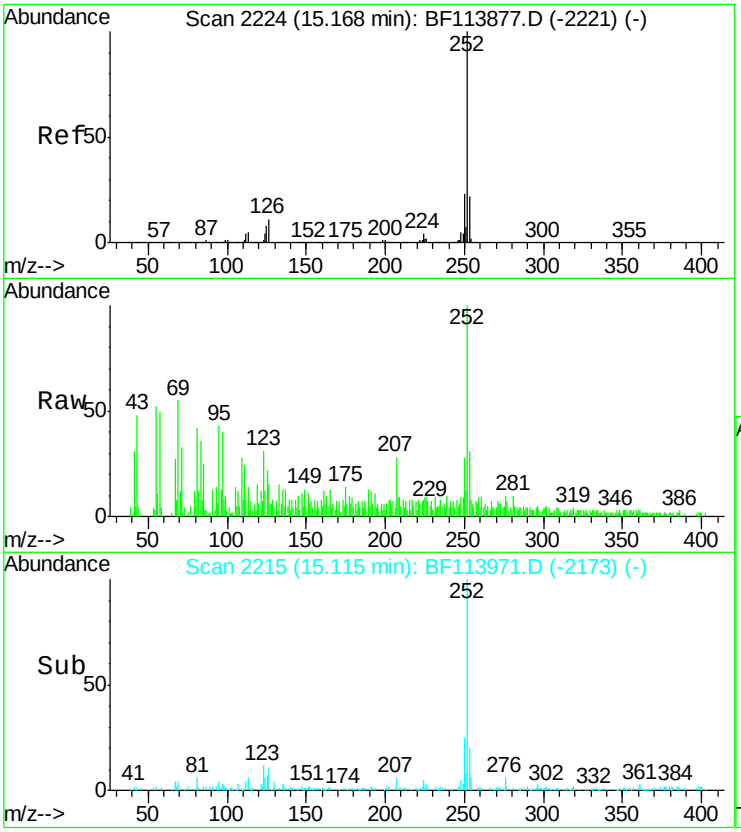


#88
Benzo(b)fluoranthene
Concen: 1.935 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Tgt Ion:252 Resp: 43117

Ion	Ratio	Lower	Upper
252	100		
253	31.1	17.8	26.6#
125	22.3	7.0	10.6#



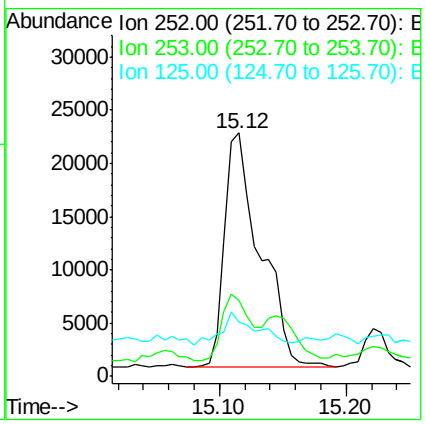


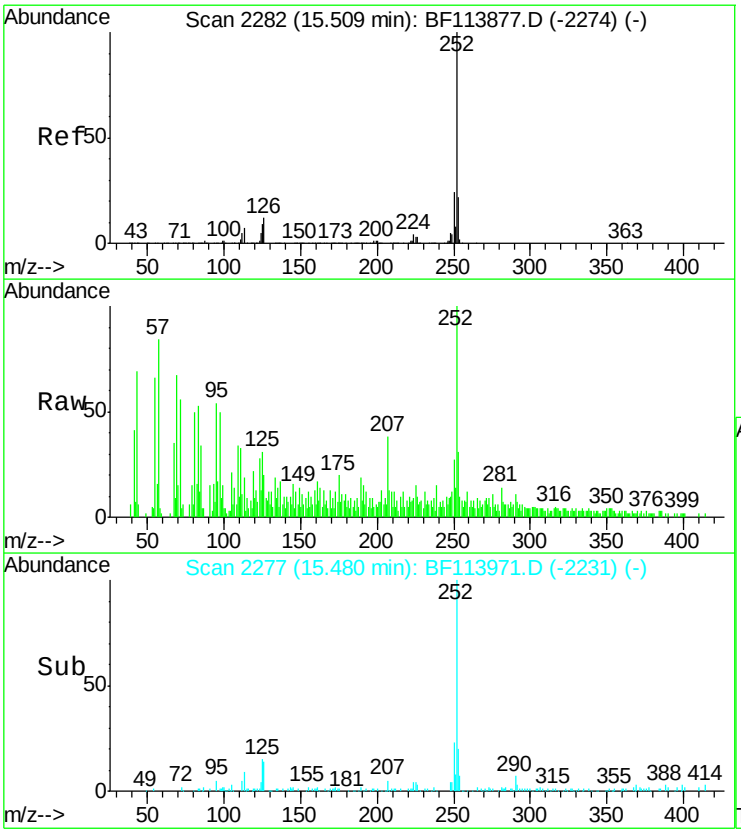
#89
Benzo(k)fluoranthene
Concen: 2.250 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.05 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 43117

Ion	Ratio	Lower	Upper
252	100		
253	31.1	18.2	27.2#
125	22.3	7.4	11.2#

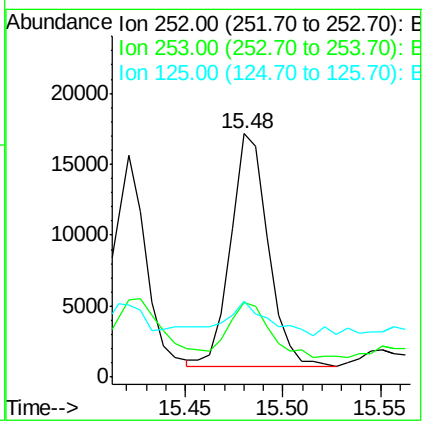


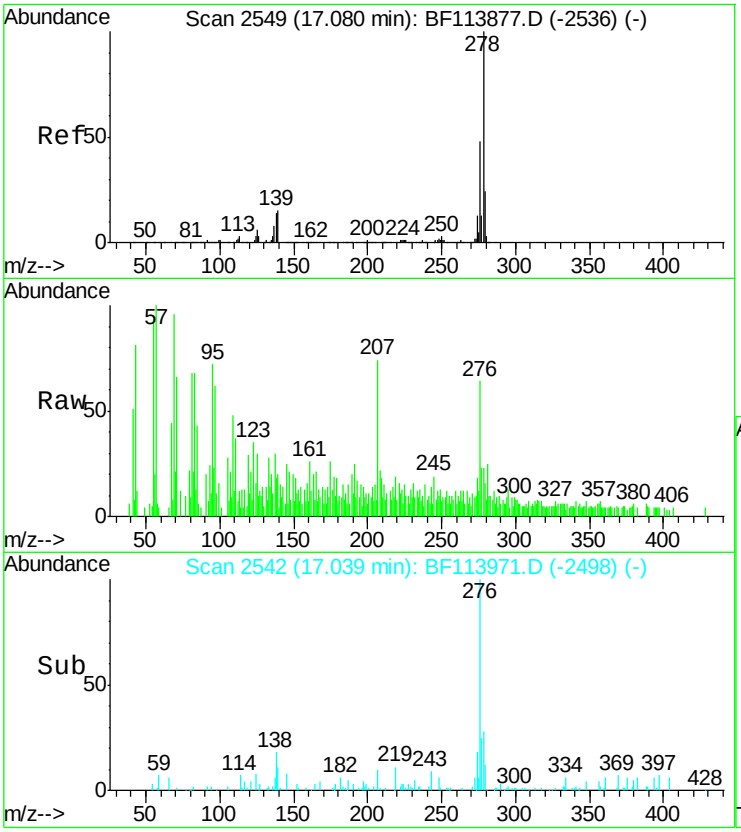


#90
Benzo(a)pyrene
Concen: 1.125 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.03 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Tgt Ion:252 Resp: 21672

Ion	Ratio	Lower	Upper
252	100		
253	30.6	17.5	26.3#
125	31.1	8.5	12.7#



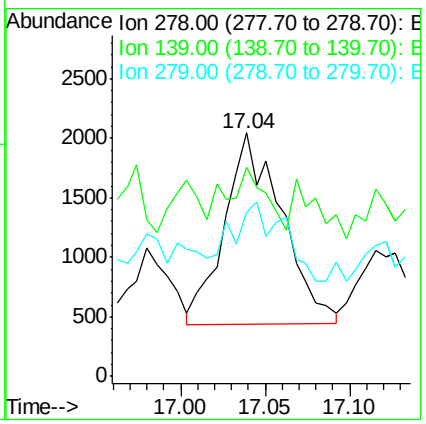


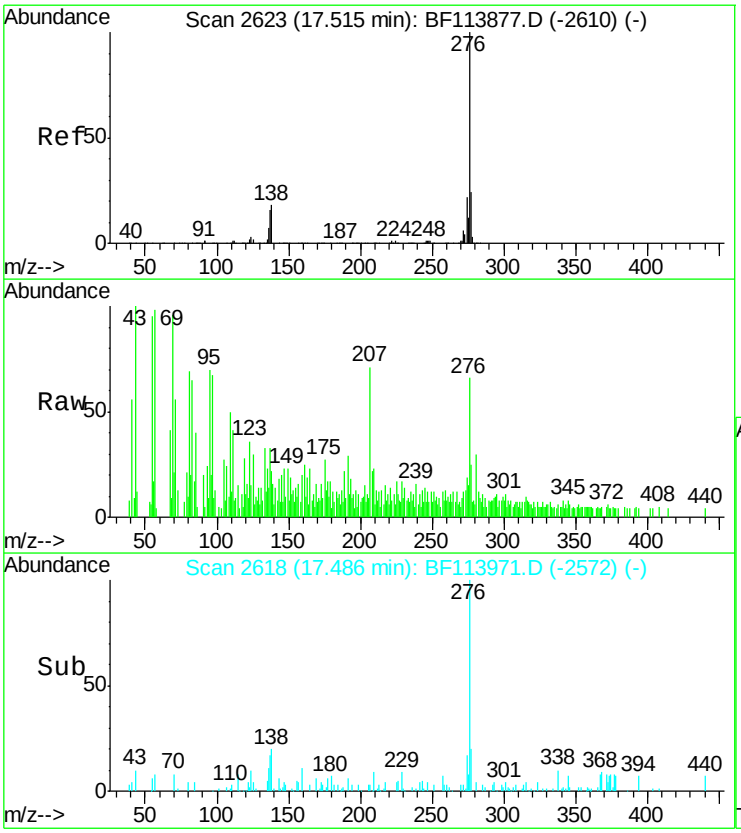
#91
Dibenzo(a,h)anthracene
Concen: 0.209 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.04 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 3787

Ion	Ratio	Lower	Upper
278	100		
139	86.0	11.6	17.4#
279	67.4	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 0.588 ng
RT: 17.49 min Scan# 2618
Delta R.T. -0.03 min
Lab File: BF113971.D
Acq: 24 Apr 2019 19:33

Tgt Ion:276 Resp: 10727

Ion	Ratio	Lower	Upper
276	100		
277	38.0	19.0	28.4#
138	33.8	16.6	25.0#