Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113968.D
Acq On : 24 Apr 2019 18:14
Operator : JU/SJ
Sample : K2200-09 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 25 01:25:49 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	6.89	152	121088	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	458609	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	221466	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	376146	20.00	ng		0.00
76) Chrysene-d12	14.06	240	334530	20.00	ng		-0.01
87) Perylene-d12	15.56	264	394683	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	139765	19.74	ng		0.00
7) Phenol-d6	6.51	99	186589	21.01	ng		-0.01
23) Nitrobenzene-d5	7.45	82	105429	14.19	ng		-0.01
42) 2,4,6-Tribromophenol	10.72	330	43500	16.12	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	213649	15.09	ng		-0.01
79) Terphenyl-d14	12.99	244	188066	11.53	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	1060	0.318	ng	#	26
9) Benzaldehyde	6.50	77	594	Below Cal		#	1
10) Phenol	6.53	94	280	0.026	ng	#	1
15) Benzyl Alcohol	7.05	79	1891	0.316	ng	#	58
18) Hexachloroethane	7.43	117	824	0.255	ng	#	1
19) n-Nitroso-di-n-propylamine	7.20	70	538	0.094	ng	#	80
22) Acetophenone	7.29	105	2676	0.262	ng	#	71
24) Nitrobenzene	7.45	77	339	0.041	ng	#	39
25) Isophorone	7.45	82	102776	6.762	ng	#	65
28) bis(2-Chloroethoxy)methane	8.19	93	112	0.012	ng	#	1
29) 2,4-Dichlorophenol	8.13	162	123	0.018	ng	#	26
31) Naphthalene	8.20	128	2395	0.110	ng	#	92
33) 4-Chloroaniline	8.19	127	330	0.036	ng	#	33
35) Caprolactam	8.60	113	292	0.132	ng	#	1
36) 4-Chloro-3-methylphenol	8.65	107	270	0.039	ng	#	19
37) 2-Methylnaphthalene	8.89	142	2565	0.175	ng		89
38) 1-Methylnaphthalene	8.99	142	2576	0.182	ng	#	97
46) 1,1'-Biphenyl	9.35	154	1121	0.066	ng		83
48) 2-Nitroaniline	9.64	65	106	0.029	ng	#	1
49) Acenaphthylene	9.79	152	3772	0.175	ng		95
50) Dimethylphthalate	9.64	163	16654	1.040	ng		98
51) 2,6-Dinitrotoluene	9.93	165	28335	8.246	ng	#	33
52) Acenaphthene	9.96	154	1783	0.140	ng	#	93
55) Dibenzofuran	10.14	168	1916	0.100	ng	#	88
56) 4-Nitrophenol	10.13	139	985	0.345	ng	#	27
57) 2,4-Dinitrotoluene	9.93	165	28459	6.562	ng	#	29
58) Fluorene	10.47	166	3157	0.220	ng	#	99
60) Diethylphthalate	10.35	149	119	0.008	ng	#	57
63) Azobenzene	10.63	77	107	0.007	ng	#	1
66) n-Nitrosodiphenylamine	10.59	169	983	0.087	ng	#	24
67) 4-Bromophenyl-phenylether	10.72	248	2618	0.576	ng	#	1
71) Phenanthrene	11.44	178	25982	1.374	ng		97
72) Anthracene	11.49	178	8443	0.442	ng		95
73) Carbazole	11.65	167	2542	0.149	ng	#	92

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113968.D
Acq On : 24 Apr 2019 18:14
Operator : JU/SJ
Sample : K2200-09 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 25 01:25:49 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)
74) Di-n-butylphthalate	11.97	149	1038	0.052	ng	#	77
75) Fluoranthene	12.62	202	36114	1.751	ng		98
77) Benzidine	12.75	184	247	0.025	ng	#	1
78) Pyrene	12.86	202	34070	1.456	ng		97
80) Butylbenzylphthalate	13.64	149	981	0.107	ng		88
81) Benzo(a)anthracene	14.04	228	20678	1.049	ng	#	86
82) 3,3'-Dichlorobenzidine	13.99	252	1474	0.204	ng	#	65
83) Chrysene	14.08	228	19295	1.005	ng	#	94
84) Bis(2-ethylhexyl)phthalate	14.04	149	1097	0.094	ng	#	75
85) Di-n-octyl phthalate	14.69	149	1016	0.055	ng	#	1
86) Indeno(1,2,3-cd)pyrene	17.04	276	11435	0.629	ng		94
88) Benzo(b)fluoranthene	15.12	252	35738	1.431	ng	#	75
89) Benzo(k)fluoranthene	15.12	252	35738	1.664	ng	#	76
90) Benzo(a)pyrene	15.49	252	19433	0.900	ng	#	77
91) Dibenzo(a,h)anthracene	17.06	278	3783	0.187	ng	#	11
92) Benzo(g,h,i)perylene	17.49	276	12615	0.617	ng	#	82

(#) = 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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Acq On : 24 Apr 2019 18:14
Operator : JU/SJ
Sample : K2200-09 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
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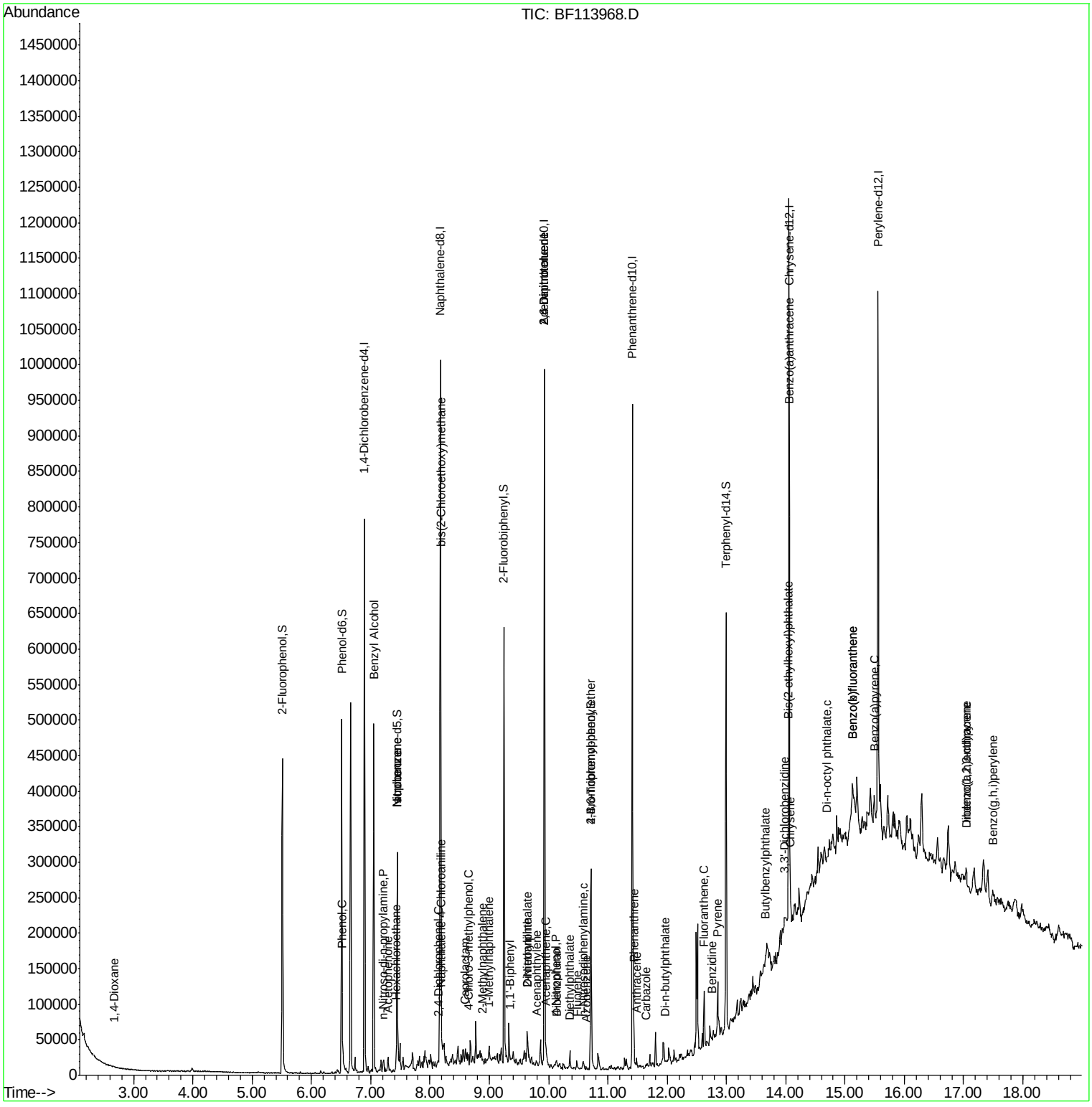
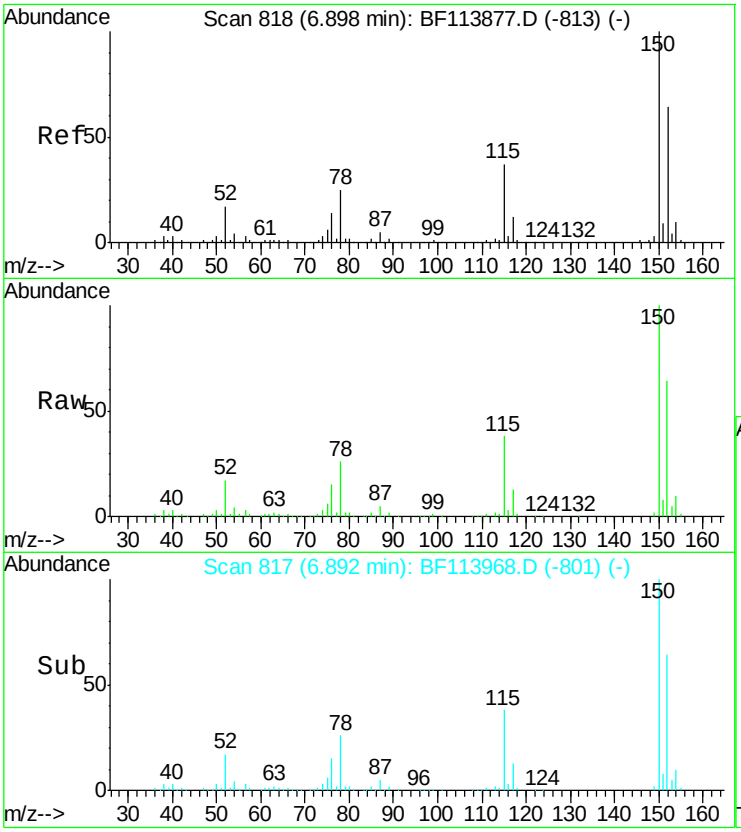
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration



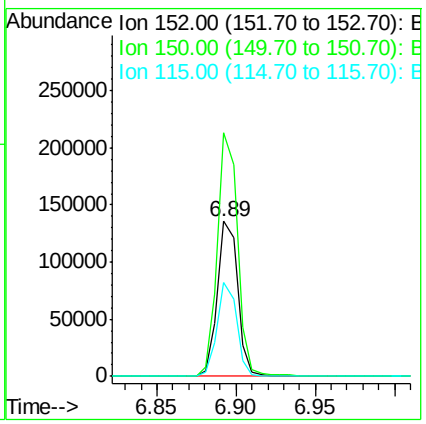


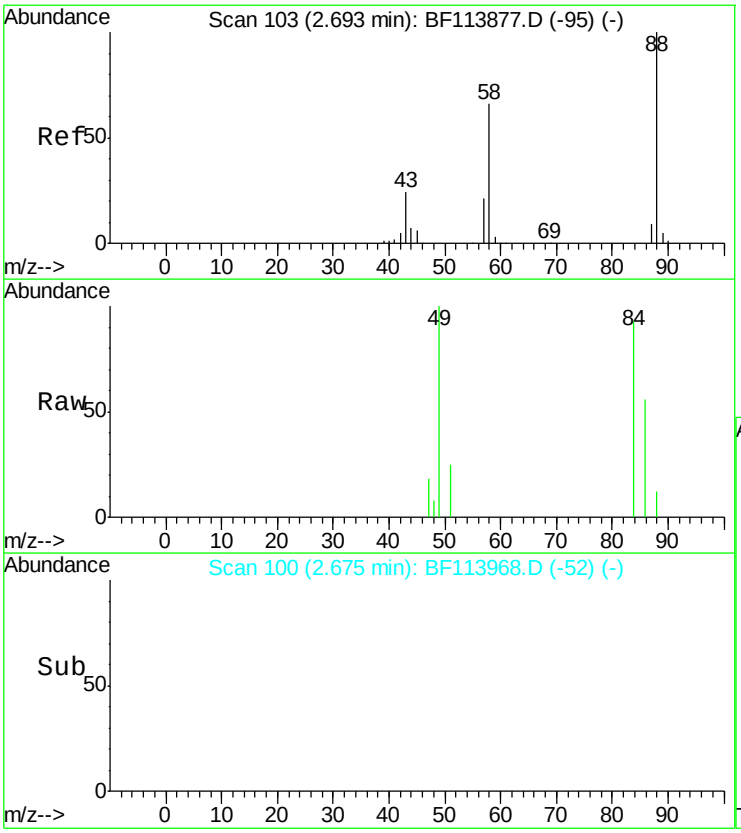
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 121088

Ion	Ratio	Lower	Upper
152	100		
150	157.4	125.9	188.9
115	60.4	45.9	68.9

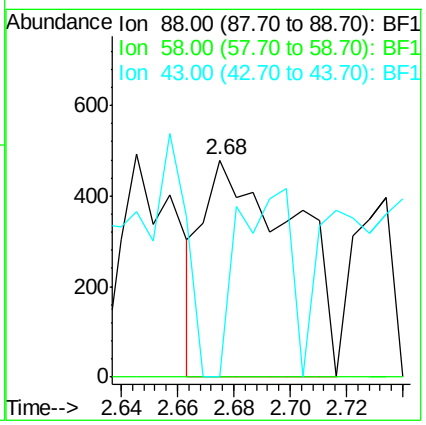


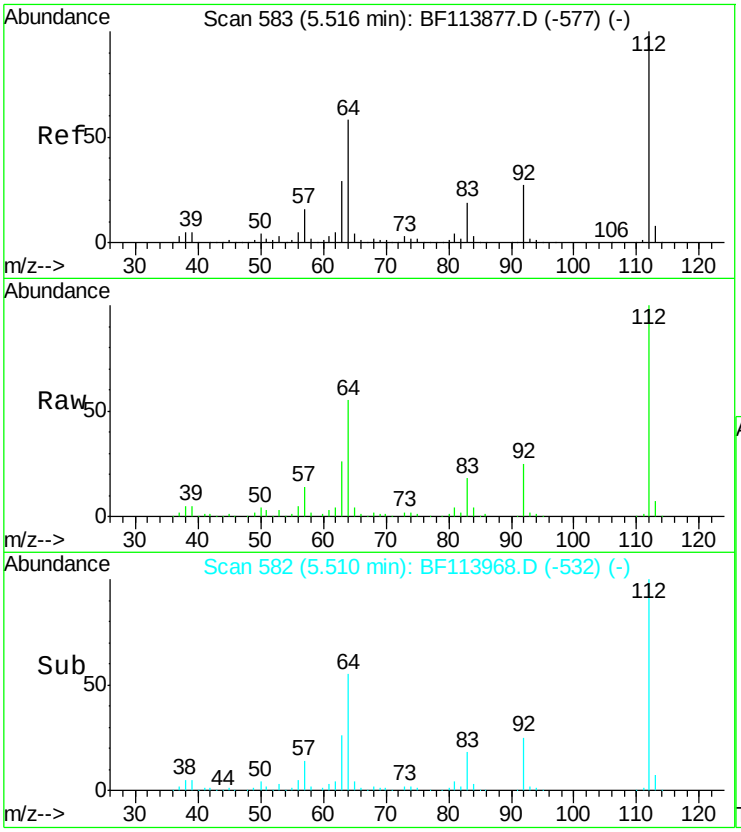


#2
1,4-Dioxane
Concen: 0.318 ng
RT: 2.68 min Scan# 100
Delta R.T. -0.02 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion: 88 Resp: 1060

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



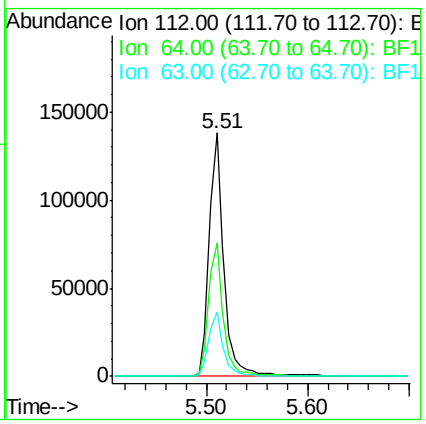


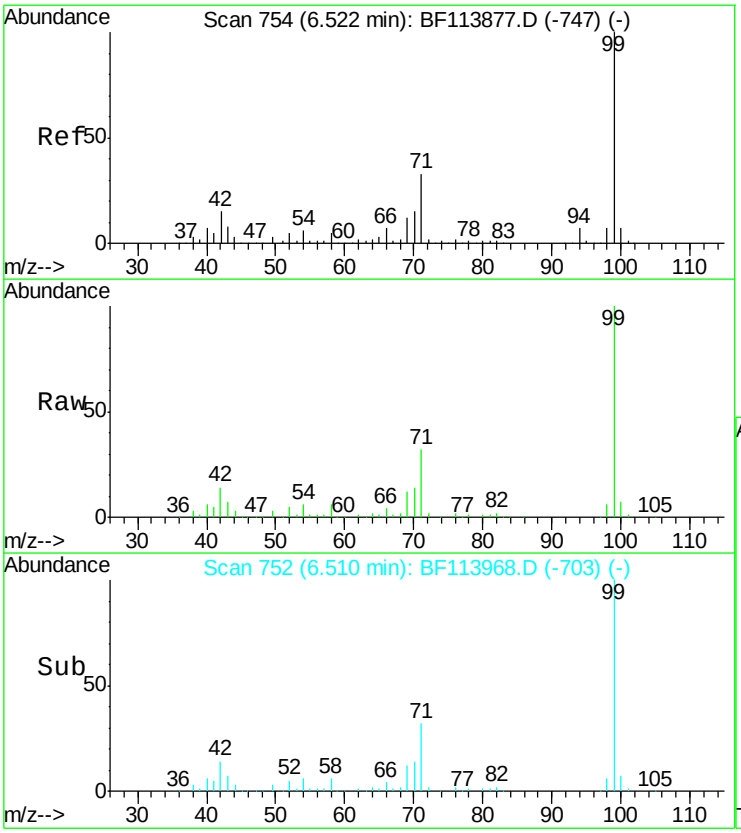
#5
2-Fluorophenol
Concen: 19.742 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 139765

Ion	Ratio	Lower	Upper
112	100		
64	54.9	46.6	69.8
63	26.3	23.1	34.7

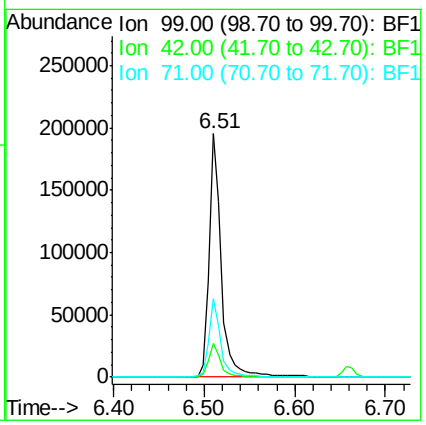


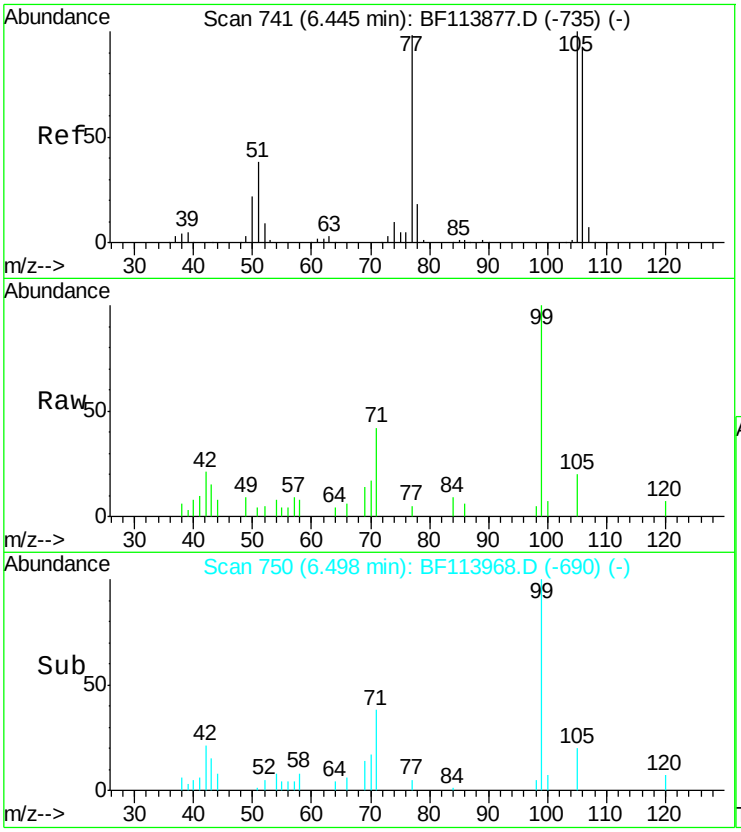


#7
Phenol-d6
Concen: 21.007 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion: 99 Resp: 186589

Ion	Ratio	Lower	Upper
99	100		
42	14.1	12.5	18.7
71	32.1	26.9	40.3



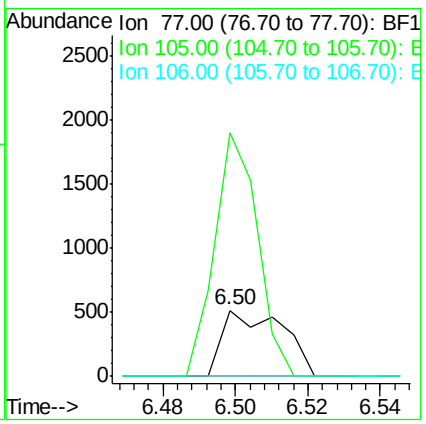


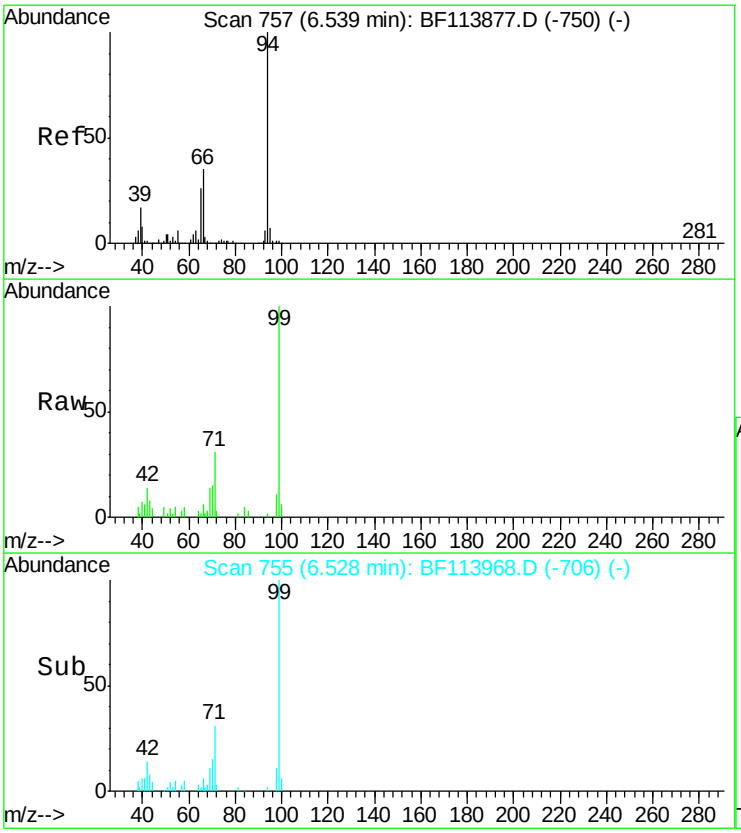
#9
Benzaldehyde
Concen: Below Cal
RT: 6.50 min Scan# 750
Delta R.T. 0.05 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 594

Ion	Ratio	Lower	Upper
77	100		
105	369.1	74.1	114.1#
106	0.0	70.3	110.3#

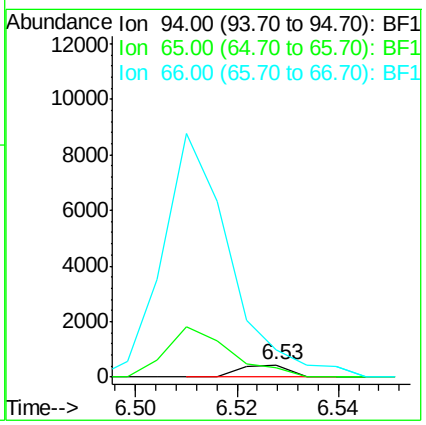


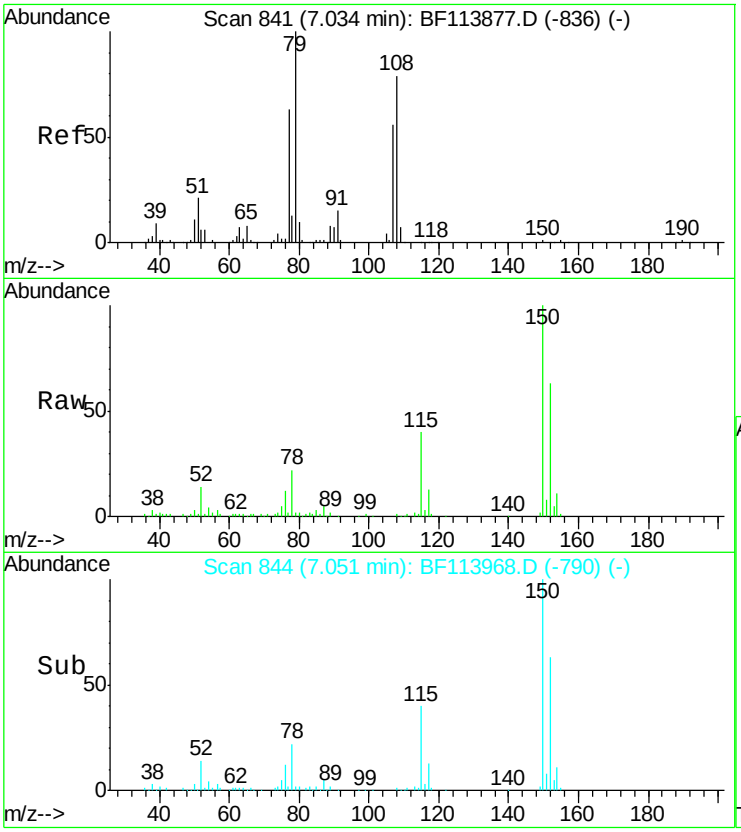


#10
Phenol
Concen: 0.026 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion: 94 Resp: 280

Ion	Ratio	Lower	Upper
94	100		
65	81.0	8.1	48.1#
66	225.0	16.6	56.6#



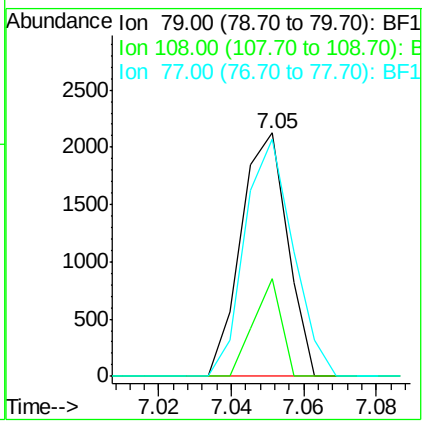


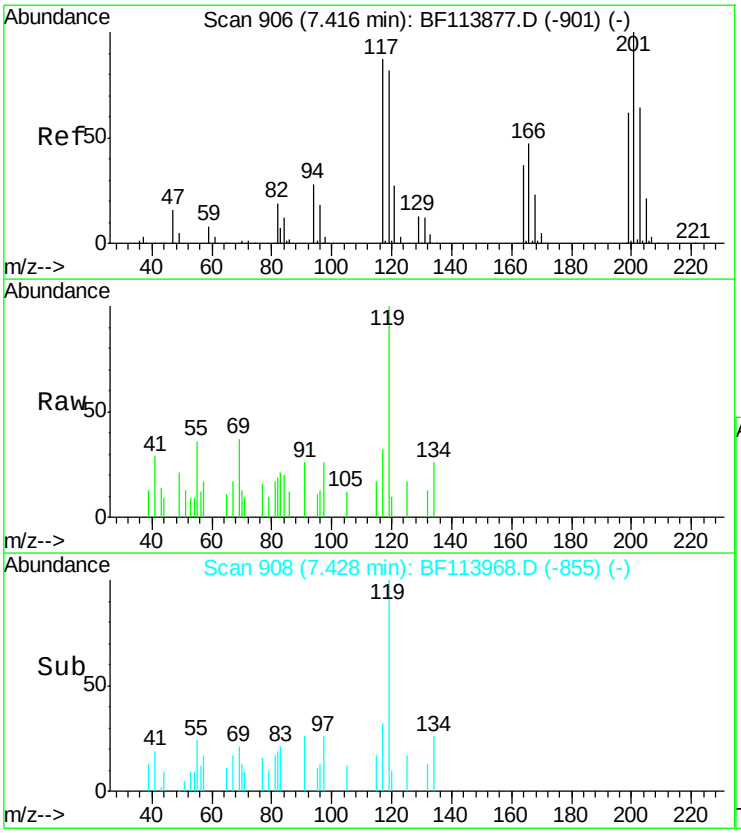
#15
Benzyl Alcohol
Concen: 0.316 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.02 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 1891

Ion	Ratio	Lower	Upper
79	100		
108	39.9	61.4	92.0#
77	97.3	51.6	77.4#

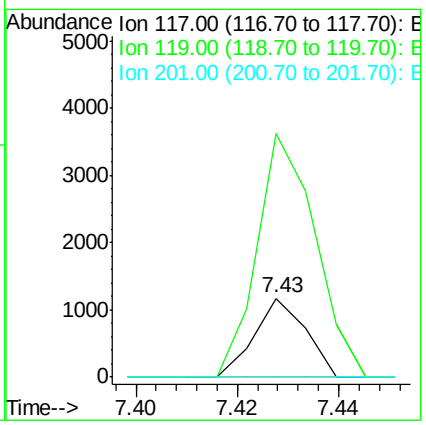


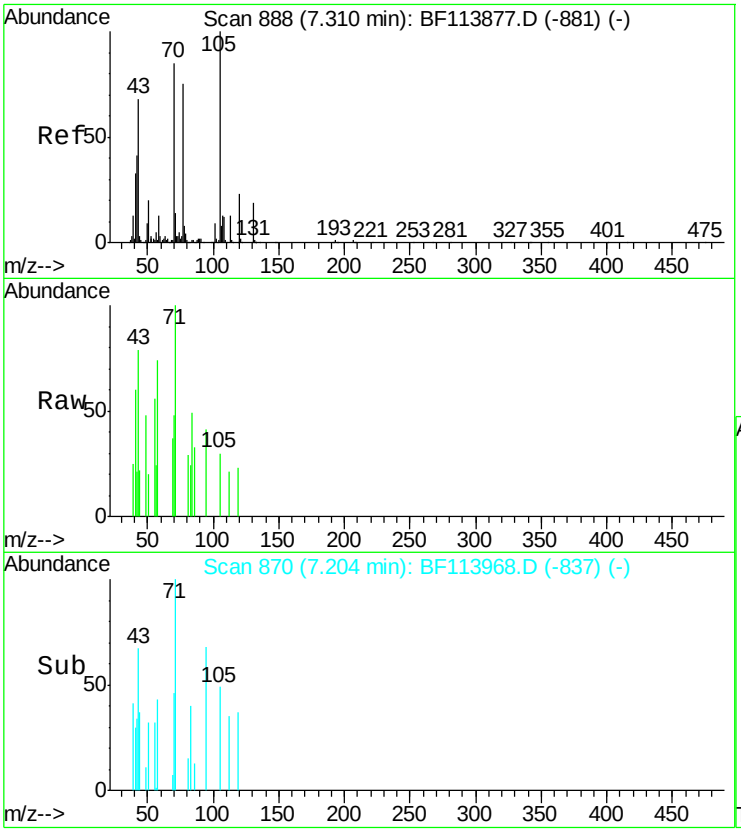


#18
Hexachloroethane
Concen: 0.255 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion:117 Resp: 824

Ion	Ratio	Lower	Upper
117	100		
119	308.5	74.4	111.6#
201	0.0	90.2	135.2#



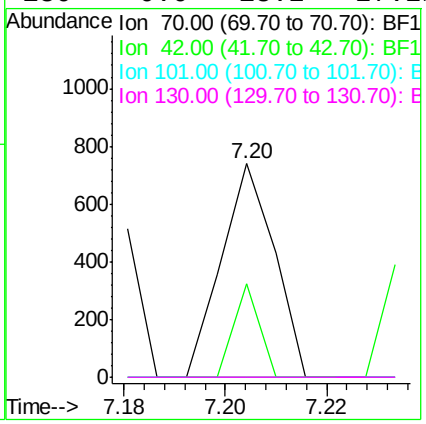


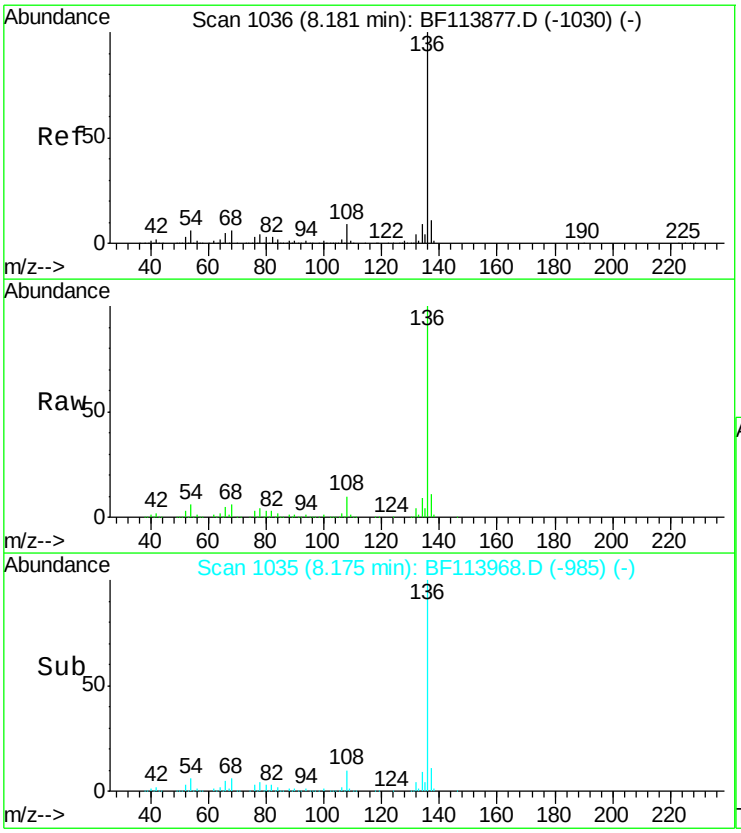
#19
n-Nitroso-di-n-propylamine
Concen: 0.094 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.11 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 538

Ion	Ratio	Lower	Upper
70	100		
42	43.5	37.3	55.9
101	0.0	7.8	11.8#
130	0.0	18.2	27.2#

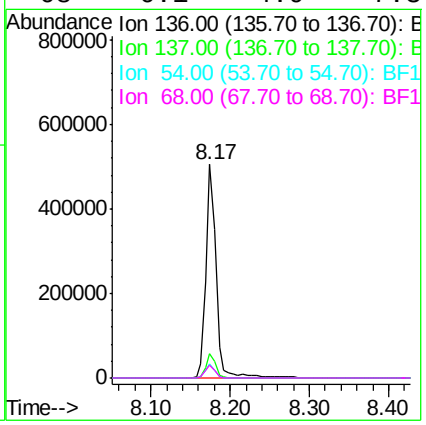


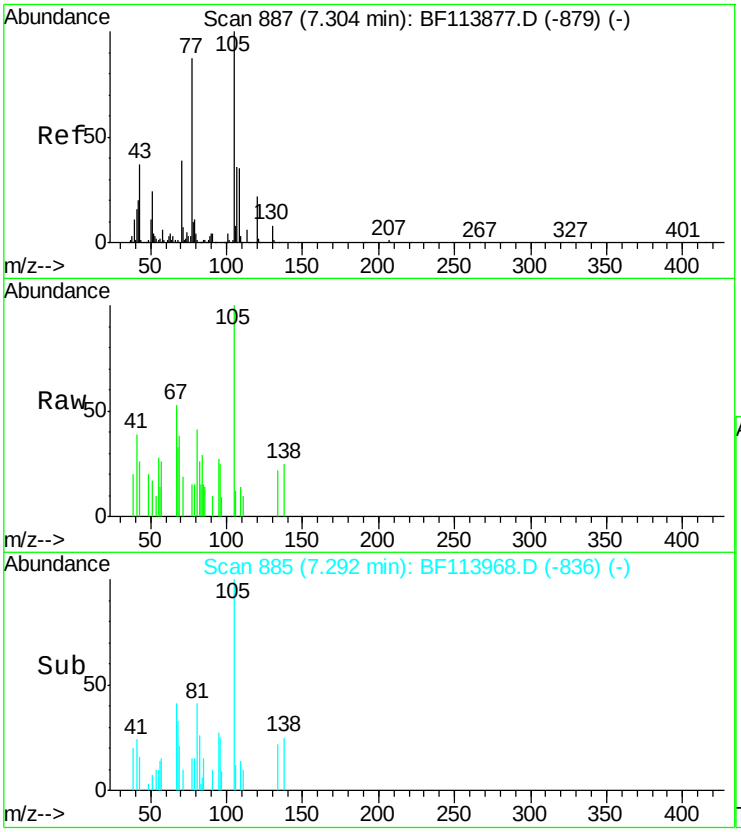


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion:136 Resp: 458609

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	6.3	5.0	7.6
68	6.1	4.9	7.3



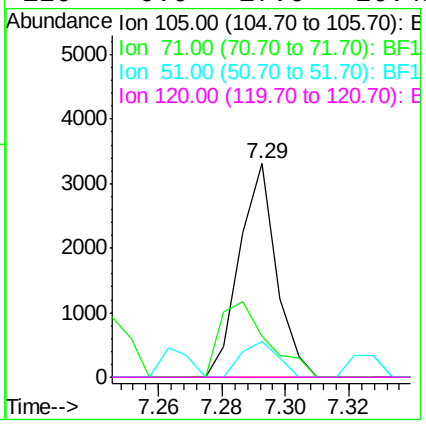


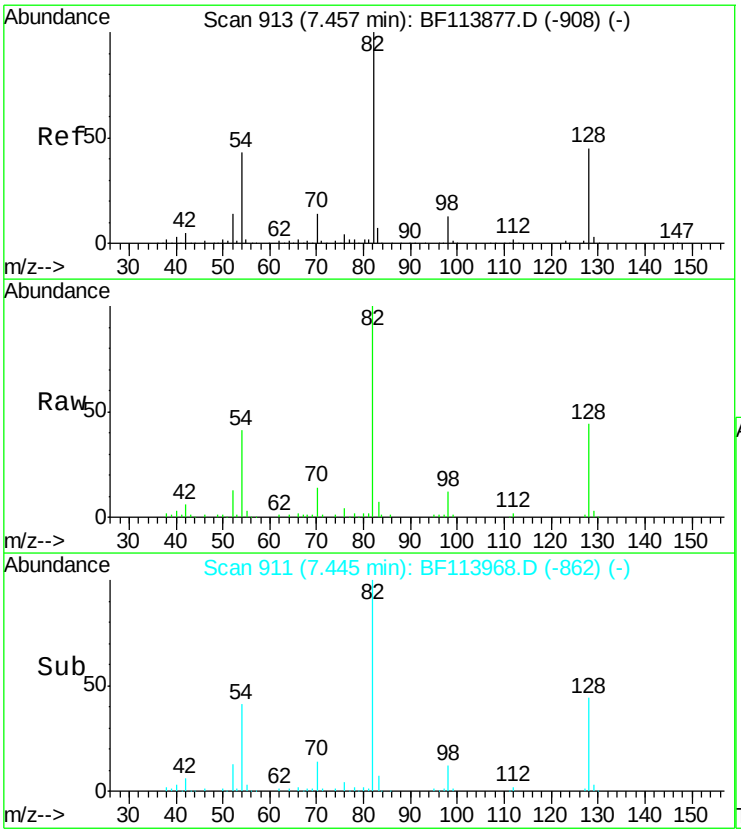
#22
Acetophenone
Concen: 0.262 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 2676

Ion	Ratio	Lower	Upper
105	100		
71	18.9	6.1	9.1#
51	16.6	16.8	25.2#
120	0.0	17.6	26.4#

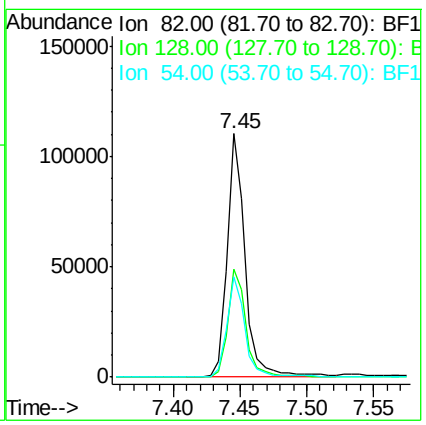


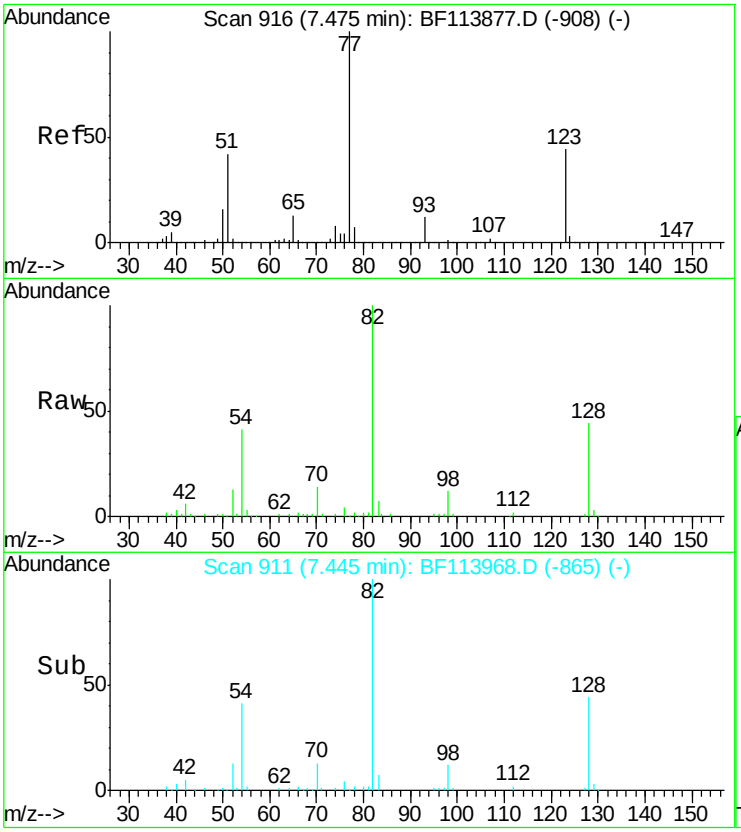


#23
Nitrobenzene-d5
Concen: 14.194 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion: 82 Resp: 105429

Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.8	55.2
54	41.3	33.8	50.6



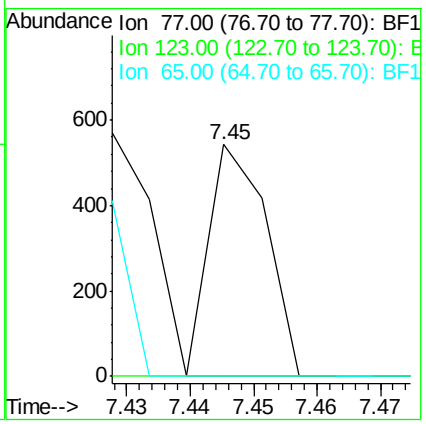


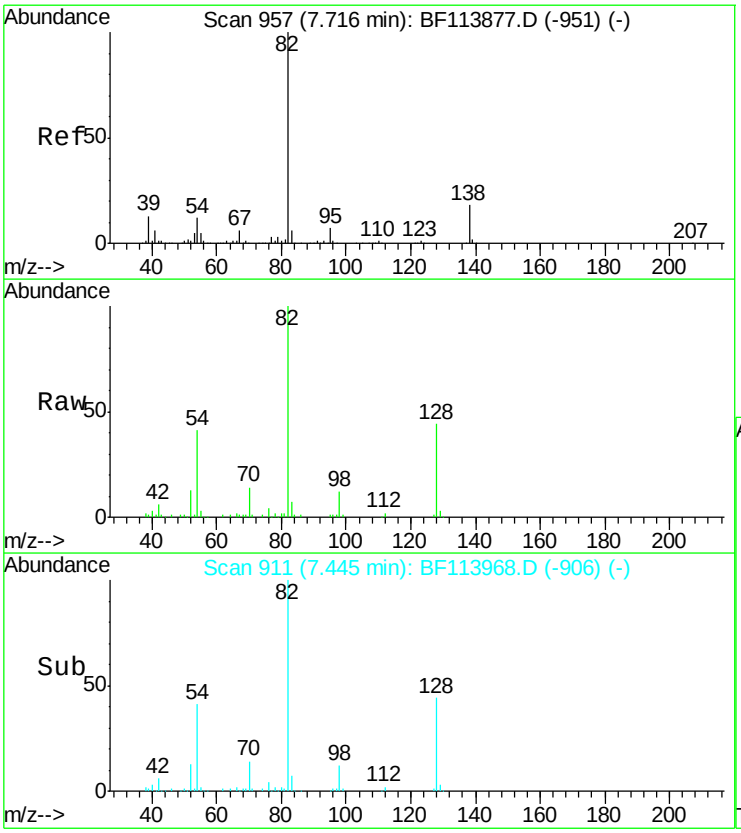
#24
Nitrobenzene
Concen: 0.041 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.03 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 339

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

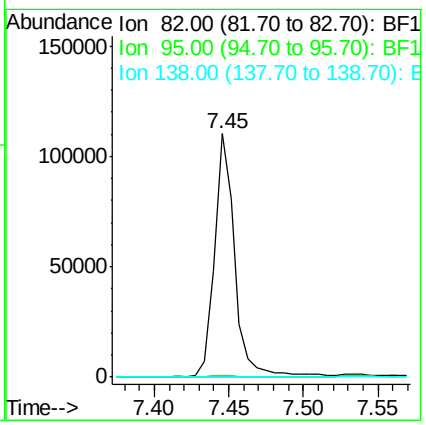


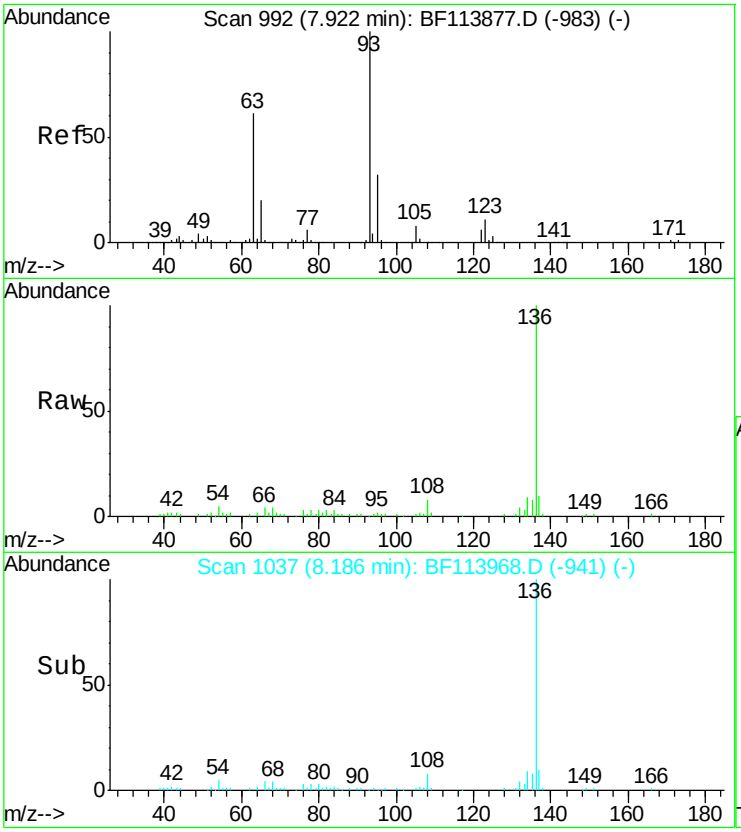


#25
Isophorone
Concen: 6.762 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.27 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion: 82 Resp: 102776

Ion	Ratio	Lower	Upper
82	100		
95	0.5	5.4	8.2#
138	0.0	14.6	22.0#



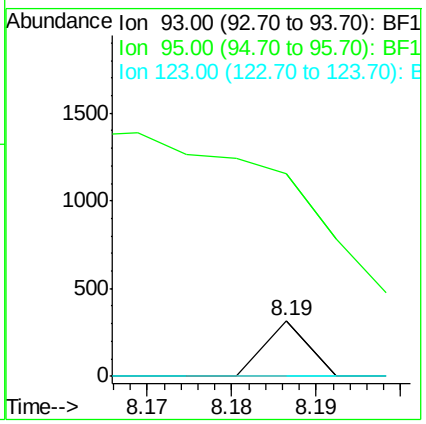


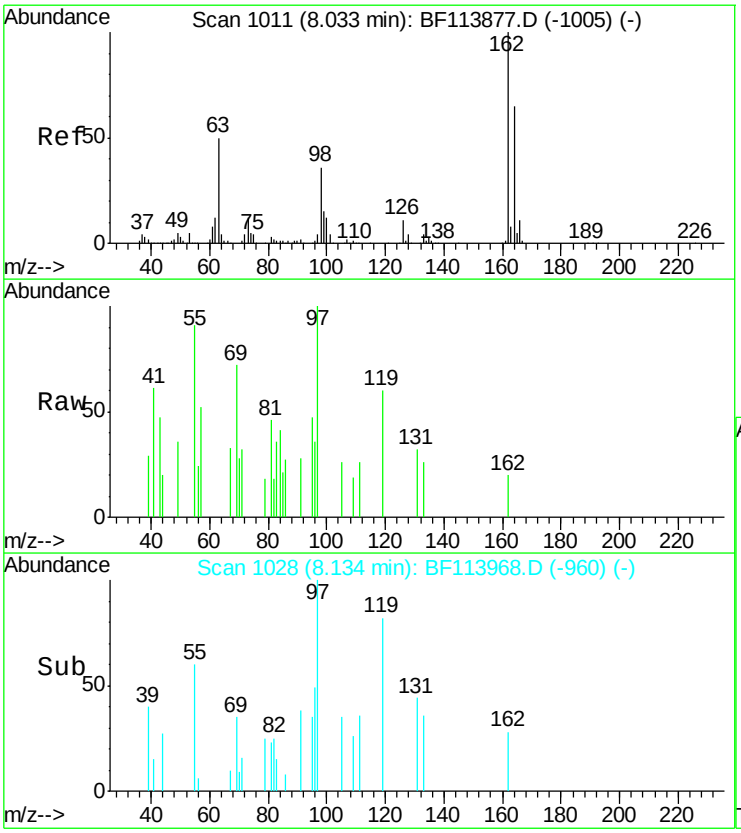
#28
bis(2-Chloroethoxy)methane
Concen: 0.012 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.26 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 112

Ion	Ratio	Lower	Upper
93	100		
95	364.0	25.8	38.6#
123	0.0	9.0	13.6#

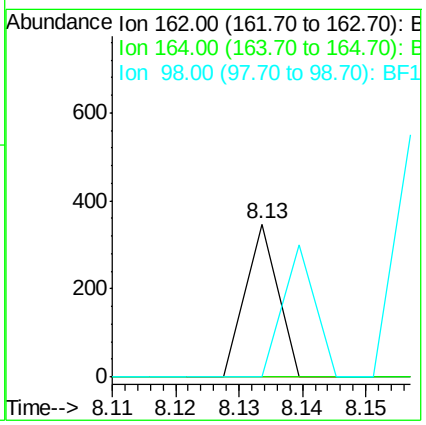


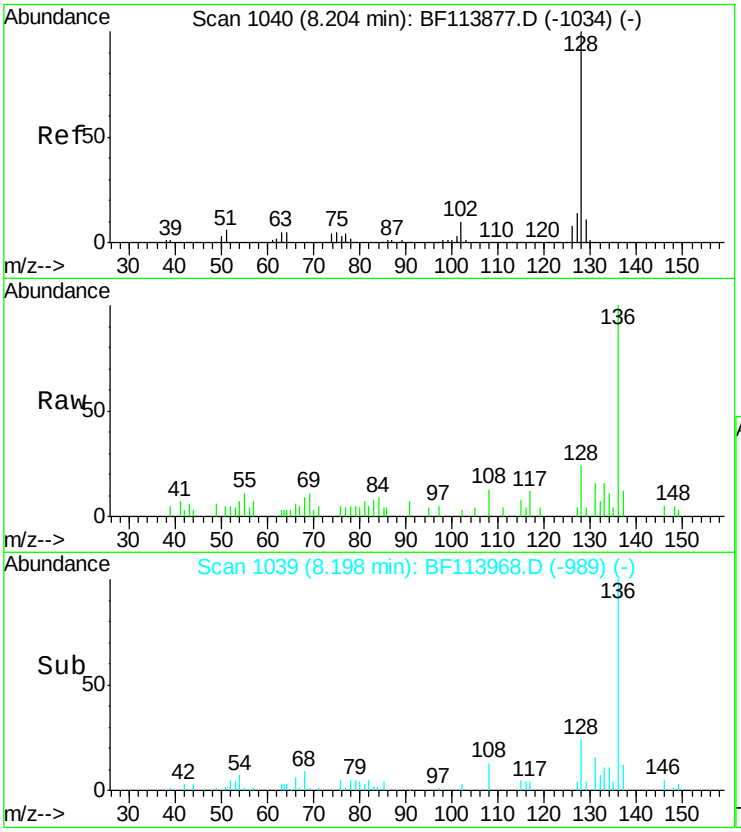


#29
2,4-Dichlorophenol
Concen: 0.018 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.10 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion:162 Resp: 123

Ion	Ratio	Lower	Upper
162	100		
164	0.0	43.7	83.7#
98	0.0	15.5	55.5#



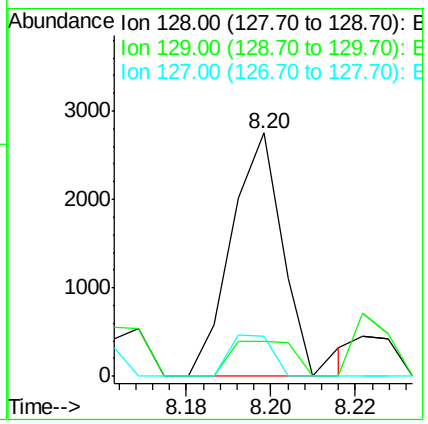


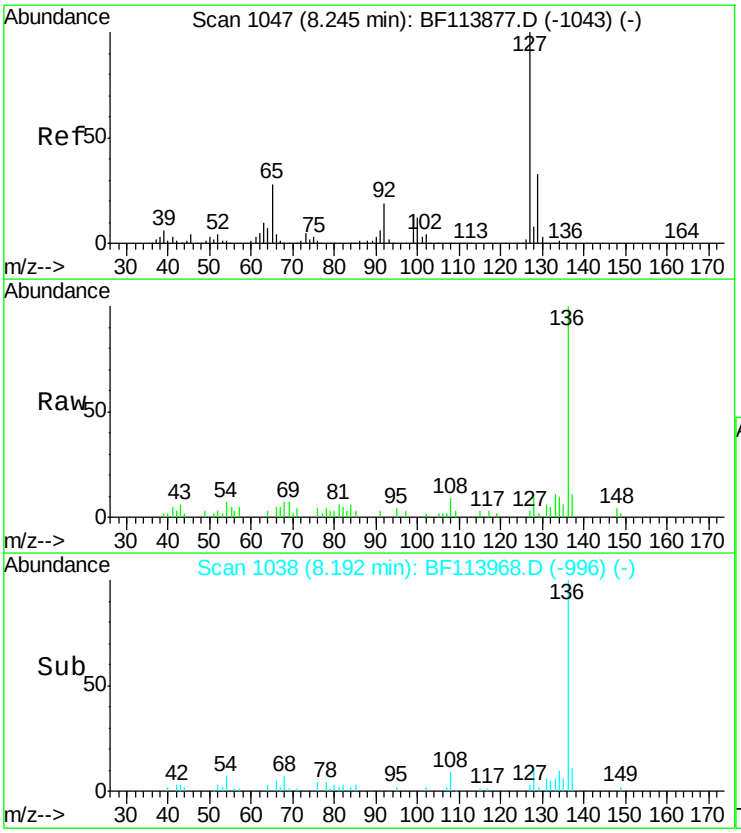
#31
Naphthalene
Concen: 0.110 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 2395

Ion	Ratio	Lower	Upper
128	100		
129	14.6	9.4	14.0#
127	16.7	10.8	16.2#

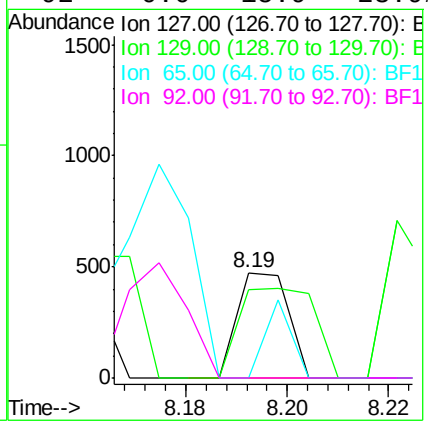


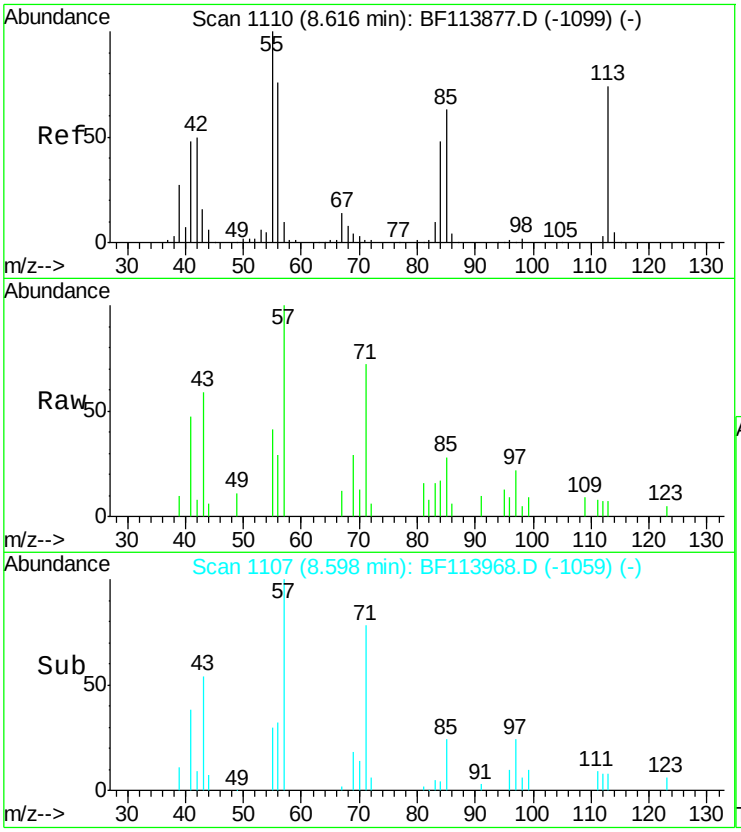


#33
4-Chloroaniline
Concen: 0.036 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.05 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion:127 Resp: 330

Ion	Ratio	Lower	Upper
127	100		
129	84.2	26.4	39.6#
65	0.0	24.9	37.3#
92	0.0	15.9	23.9#



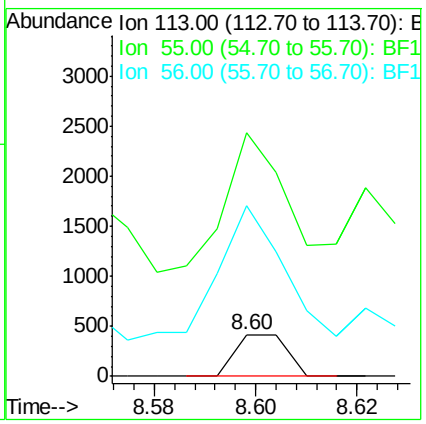


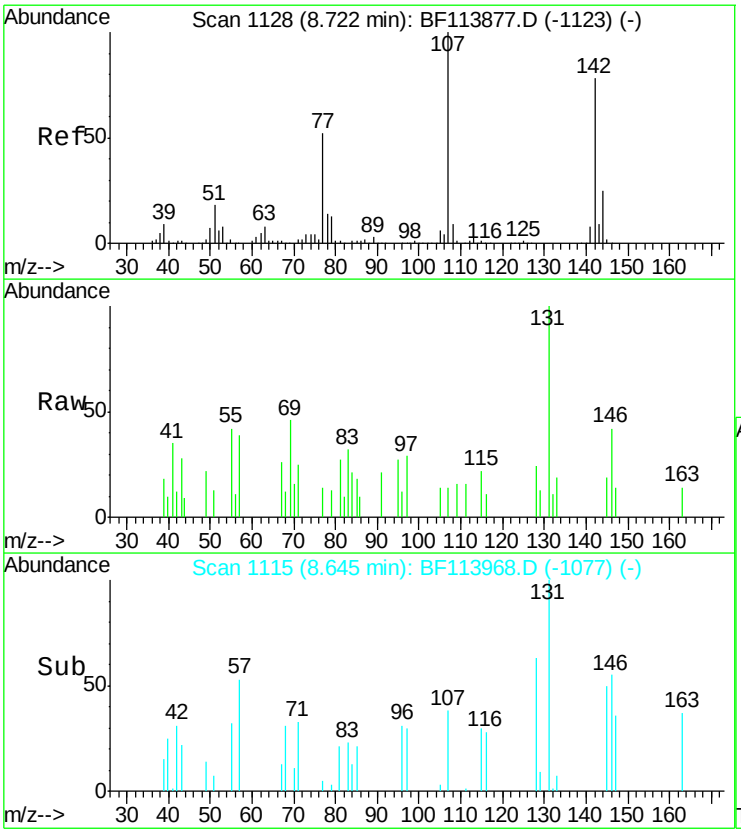
#35
Caprolactam
Concen: 0.132 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.02 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 292

Ion	Ratio	Lower	Upper
113	100		
55	580.7	128.6	168.6#
56	406.7	91.9	131.9#

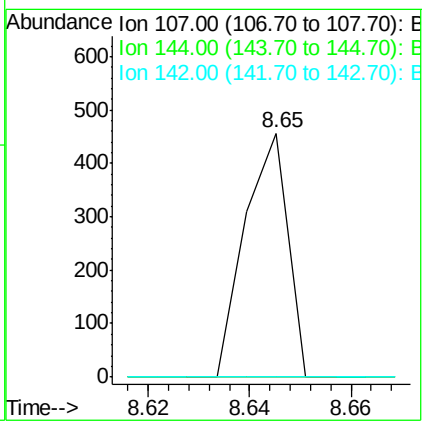


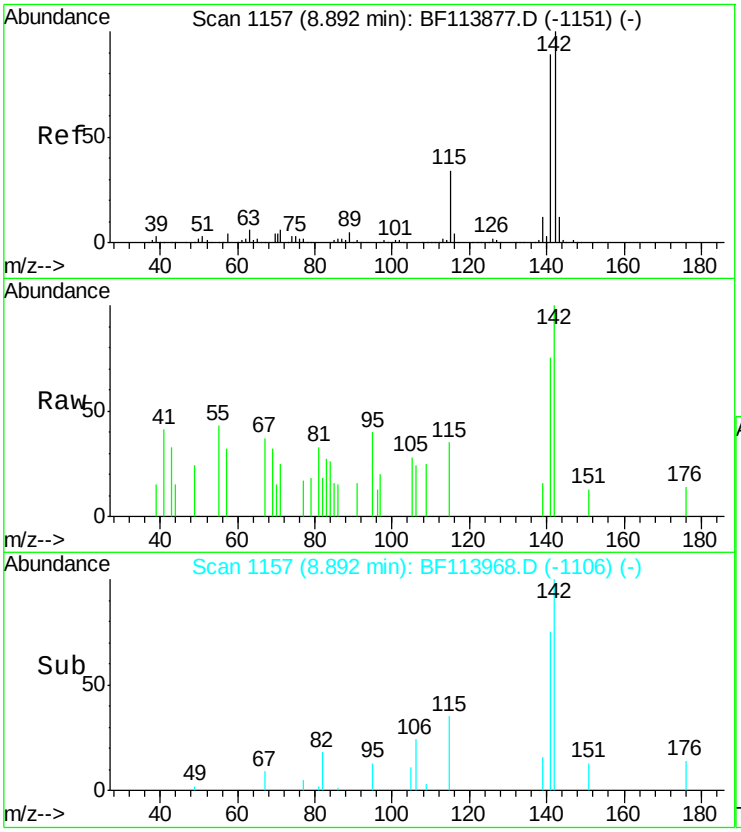


#36
4-Chloro-3-methylphenol
Concen: 0.039 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.08 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion:107 Resp: 270

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

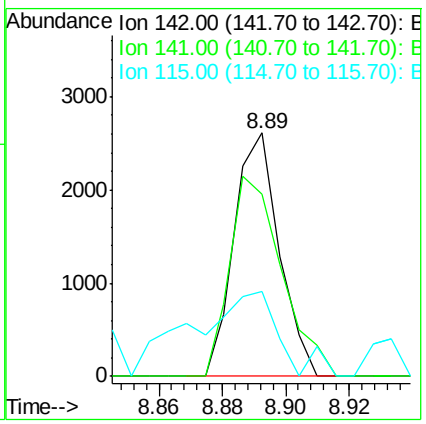




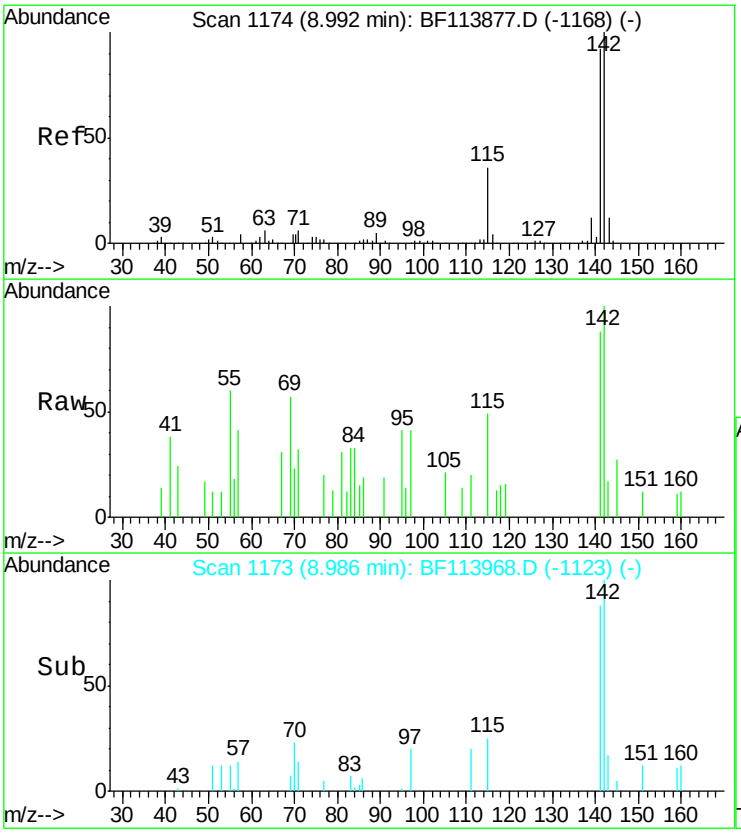
#37
2-Methylnaphthalene
Concen: 0.175 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion:142 Resp: 2565

Ion	Ratio	Lower	Upper
142	100		
141	74.7	70.4	105.6
115	35.0	26.3	39.5



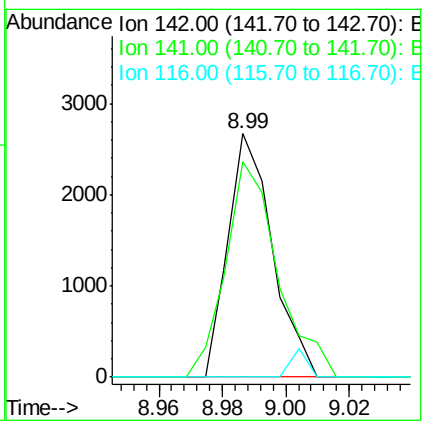
Instrument :
BNA_F
ClientSampleId :

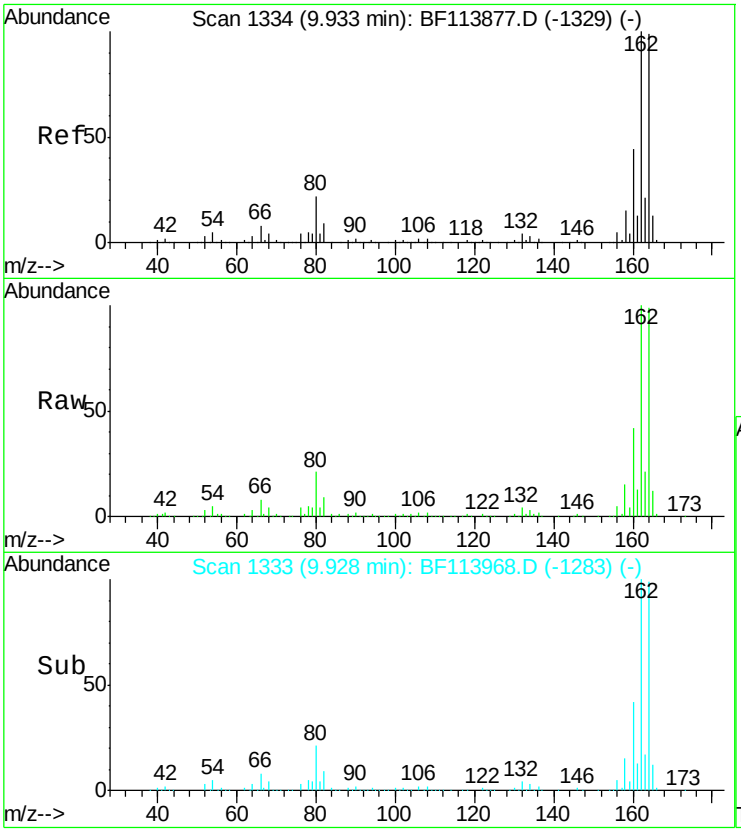


#38
1-Methylnaphthalene
Concen: 0.182 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion:142 Resp: 2576

Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.3	108.5
116	0.0	3.0	4.4#



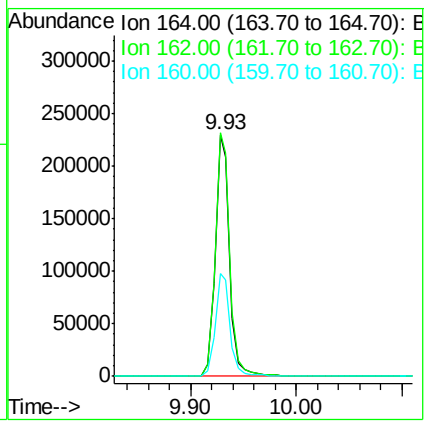


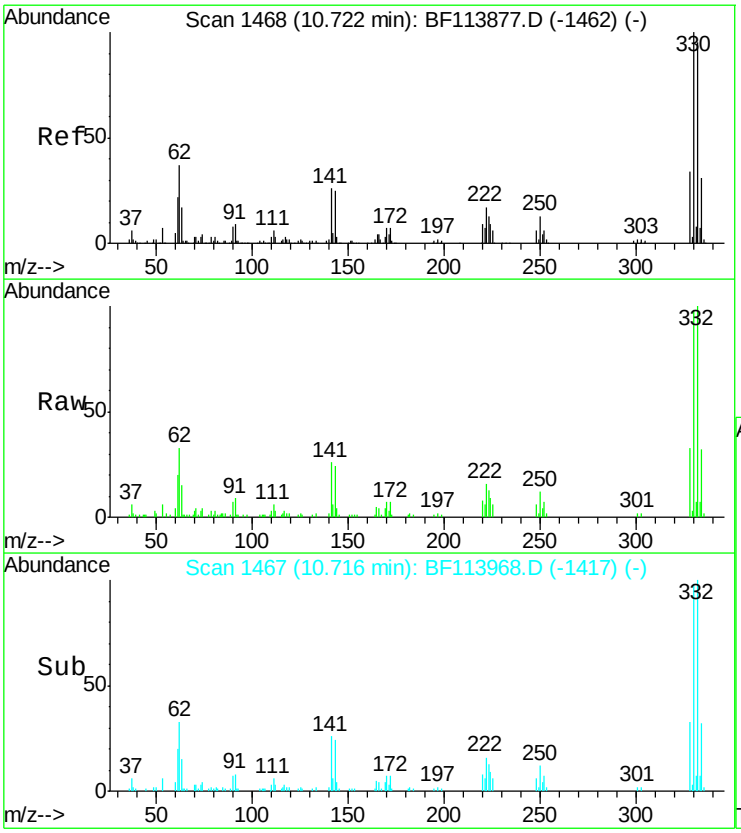
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 221466

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.1	121.7
160	42.6	35.8	53.6

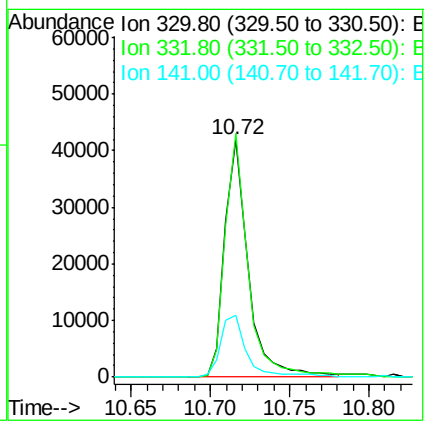


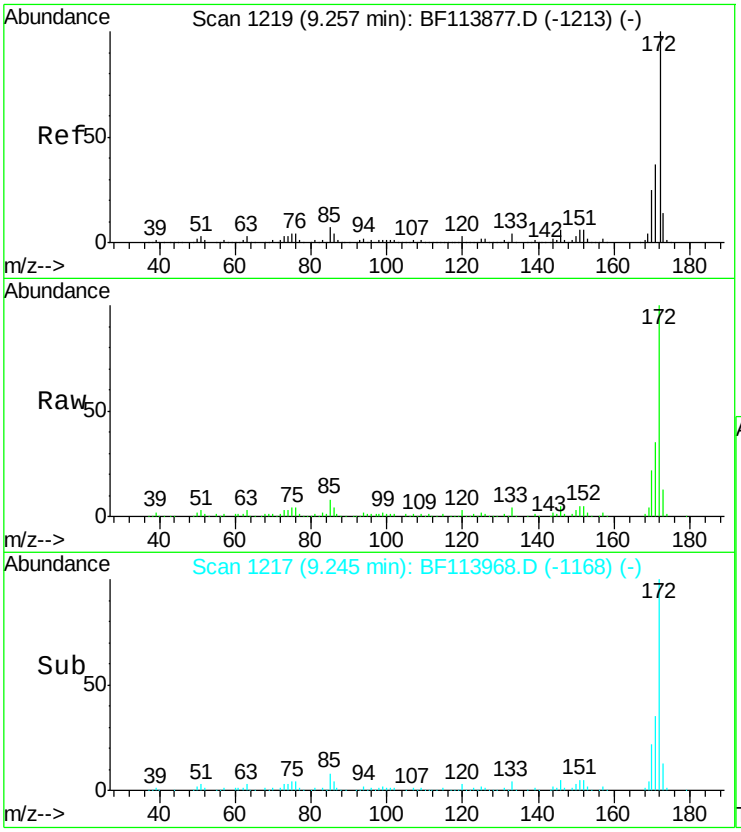


#42
2,4,6-Tribromophenol
Concen: 16.124 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion:330 Resp: 43500

Ion	Ratio	Lower	Upper
330	100		
332	101.2	77.5	116.3
141	29.2	22.2	33.2



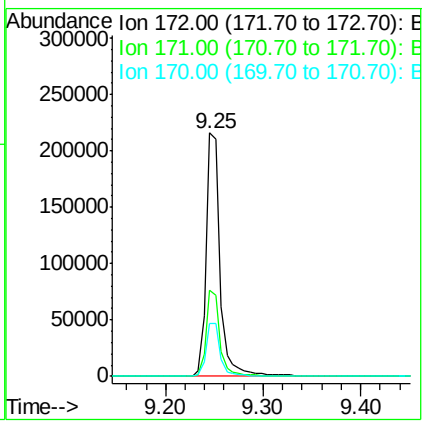


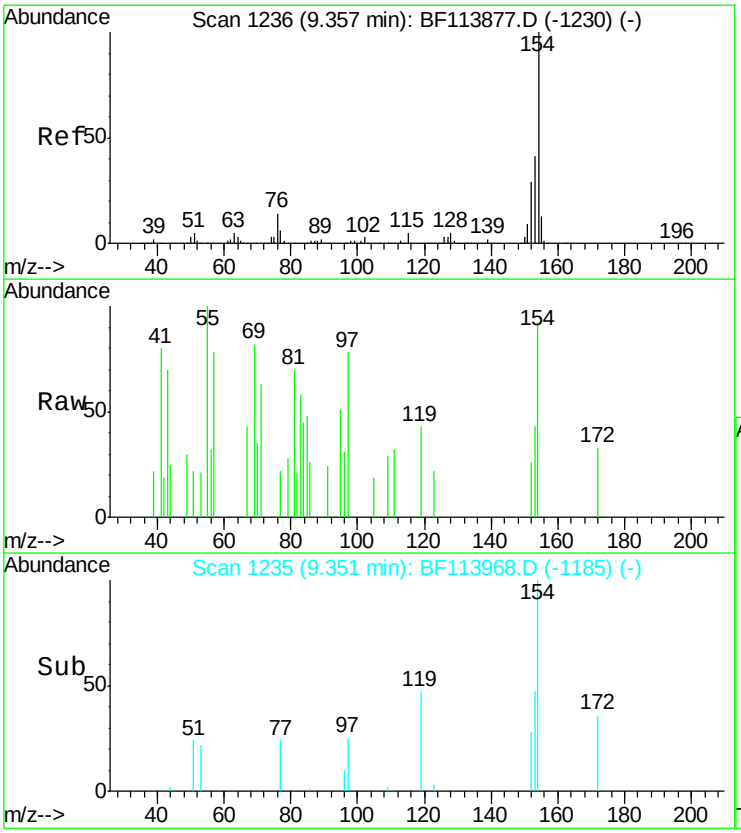
#45
2-Fluorobiphenyl
Concen: 15.088 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 213649

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.0
170	21.9	19.9	29.9

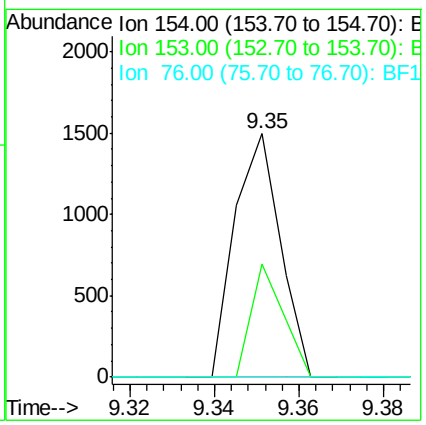


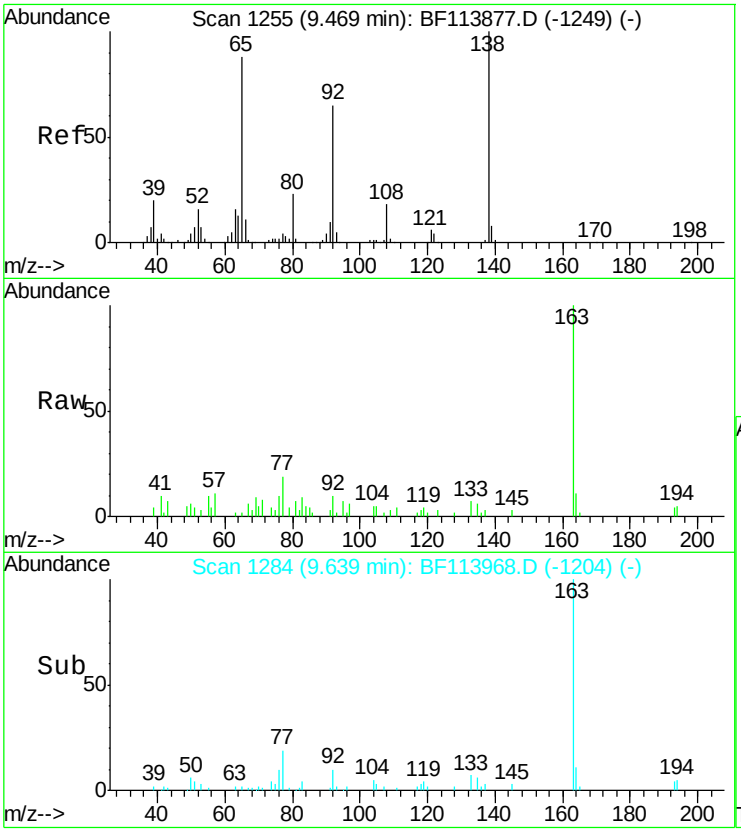


#46
1,1'-Biphenyl
Concen: 0.066 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion:154 Resp: 1121

Ion	Ratio	Lower	Upper
154	100		
153	46.6	20.8	60.8
76	0.0	0.0	35.2



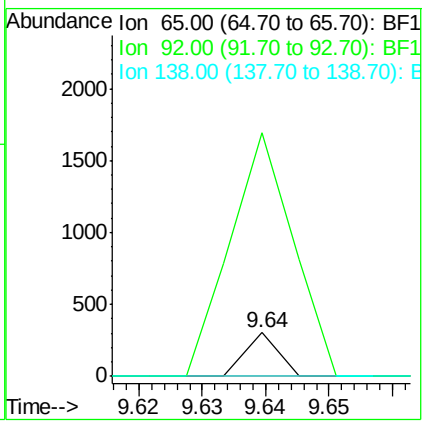


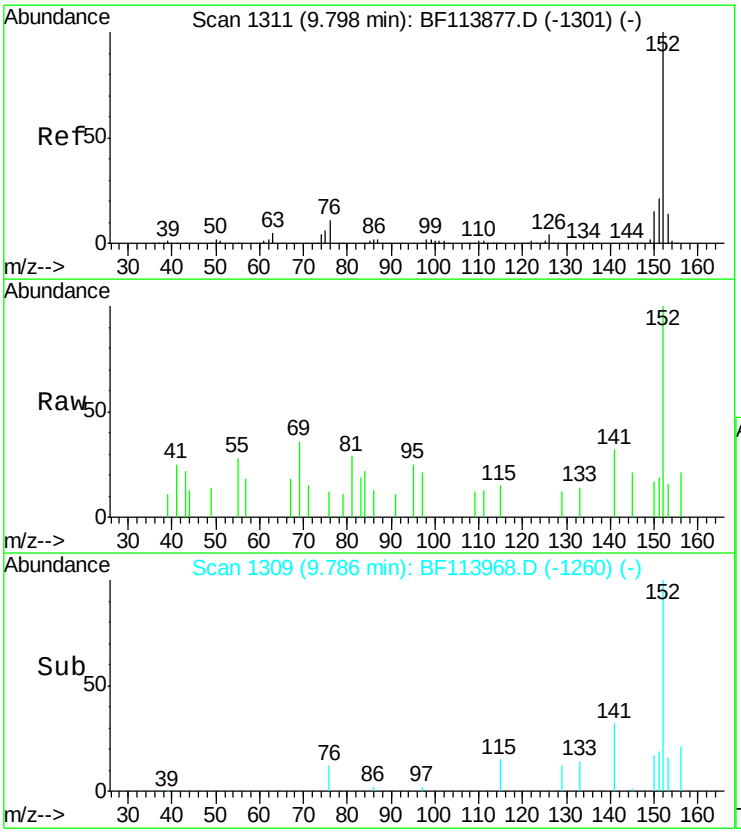
#48
2-Nitroaniline
Concen: 0.029 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.17 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 106

Ion	Ratio	Lower	Upper
65	100		
92	562.5	57.4	86.0#
138	0.0	85.4	128.0#

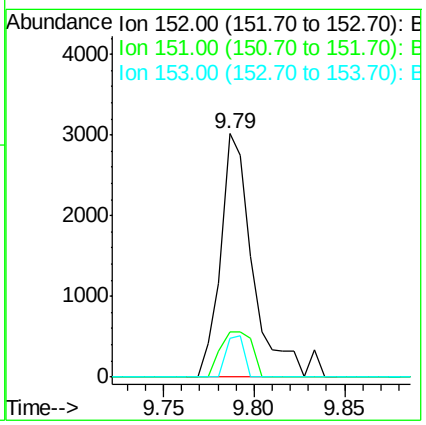


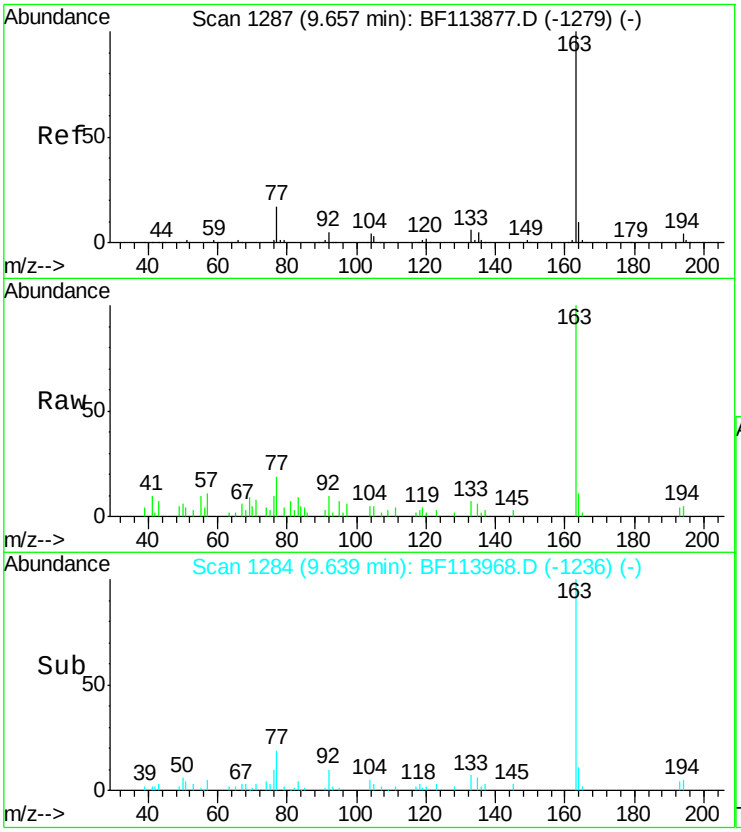


#49
Acenaphthylene
Concen: 0.175 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion:152 Resp: 3772

Ion	Ratio	Lower	Upper
152	100		
151	18.6	17.0	25.4
153	15.9	11.0	16.6



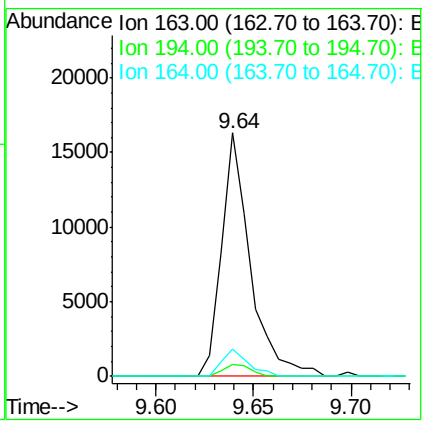


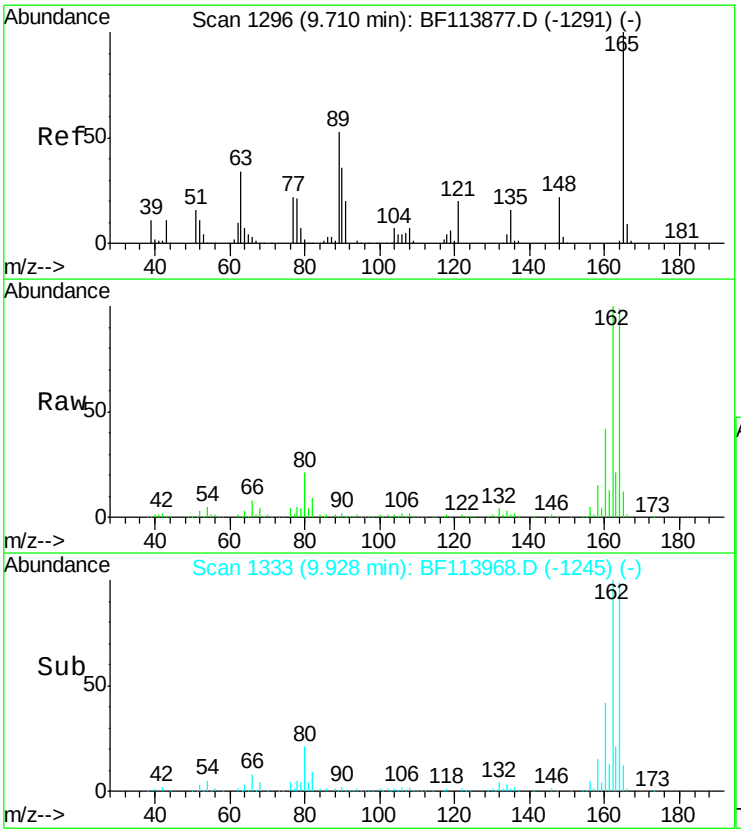
#50
Dimethylphthalate
Concen: 1.040 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 16654

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.4	5.2
164	11.3	8.5	12.7

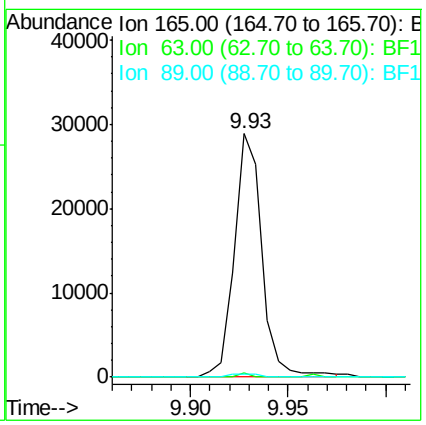


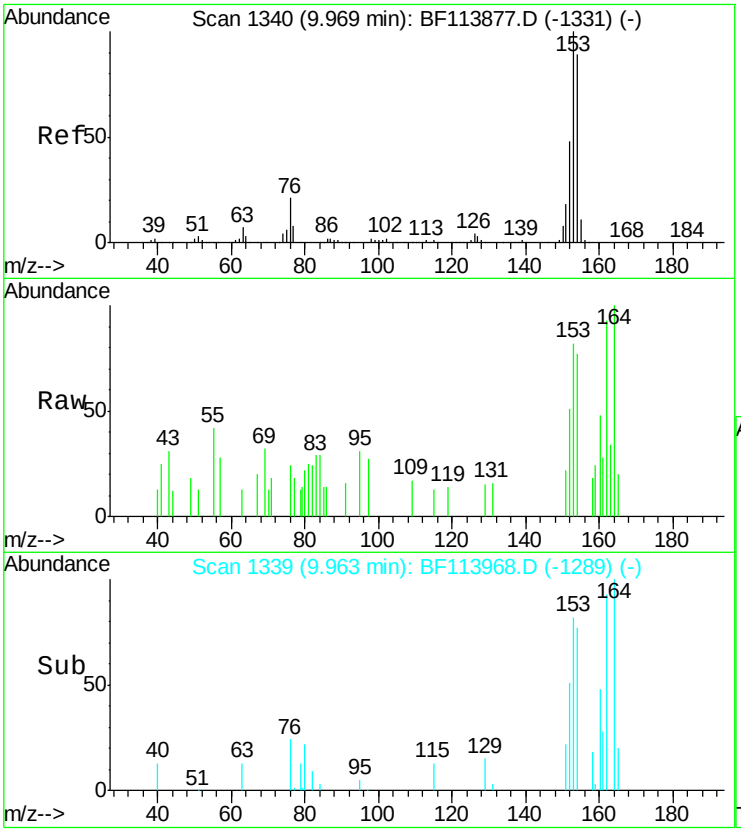


#51
2,6-Dinitrotoluene
Concen: 8.246 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.22 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion:165 Resp: 28335

Ion	Ratio	Lower	Upper
165	100		
63	1.5	33.8	50.8#
89	1.1	38.2	57.2#



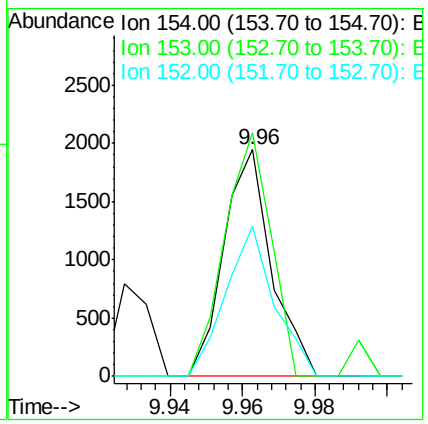


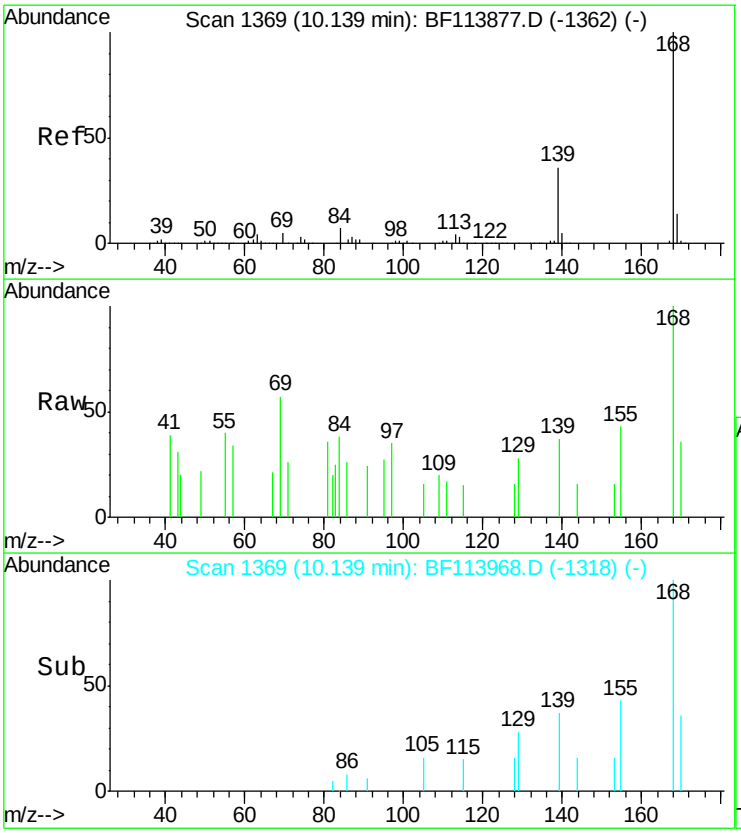
#52
Acenaphthene
Concen: 0.140 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 1783

Ion	Ratio	Lower	Upper
154	100		
153	107.3	87.2	130.8
152	66.1	42.3	63.5#

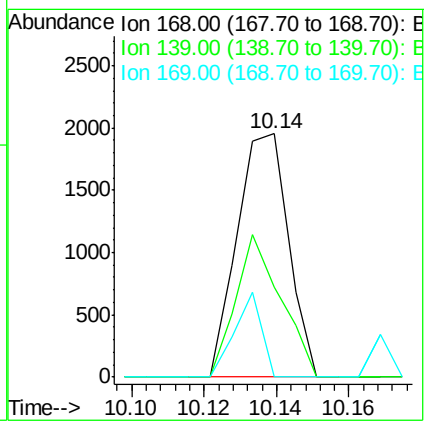


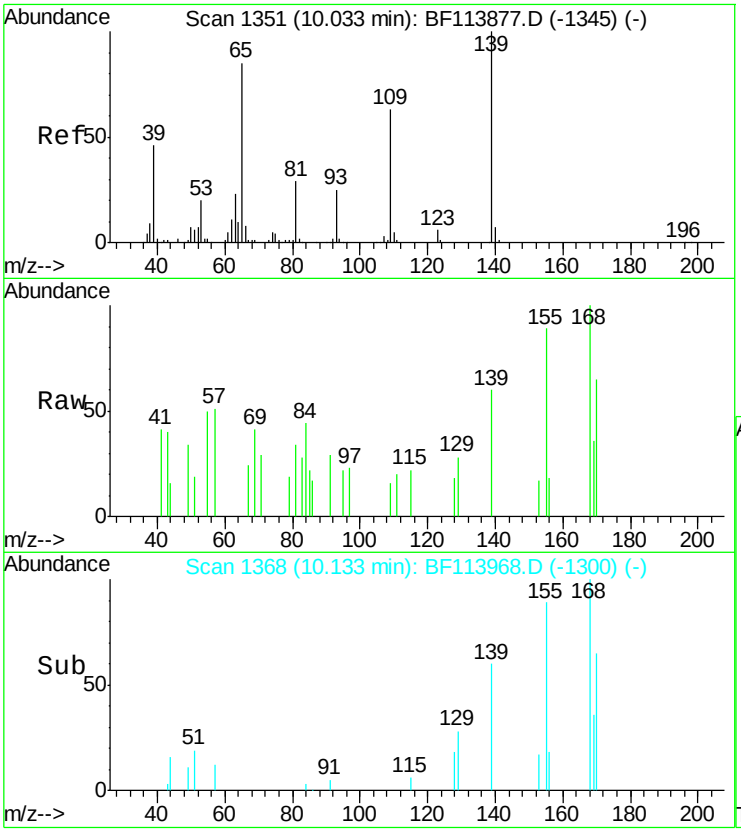


#55
Dibenzofuran
Concen: 0.100 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion:168 Resp: 1916

Ion	Ratio	Lower	Upper
168	100		
139	36.8	27.8	41.6
169	0.0	11.0	16.6#



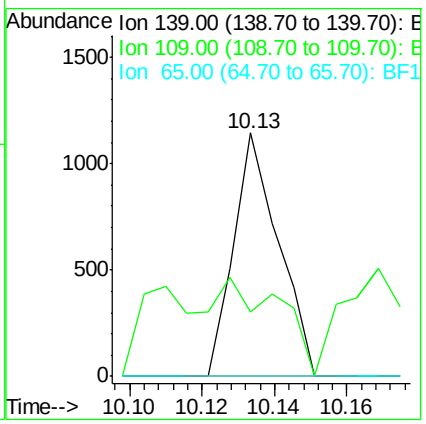


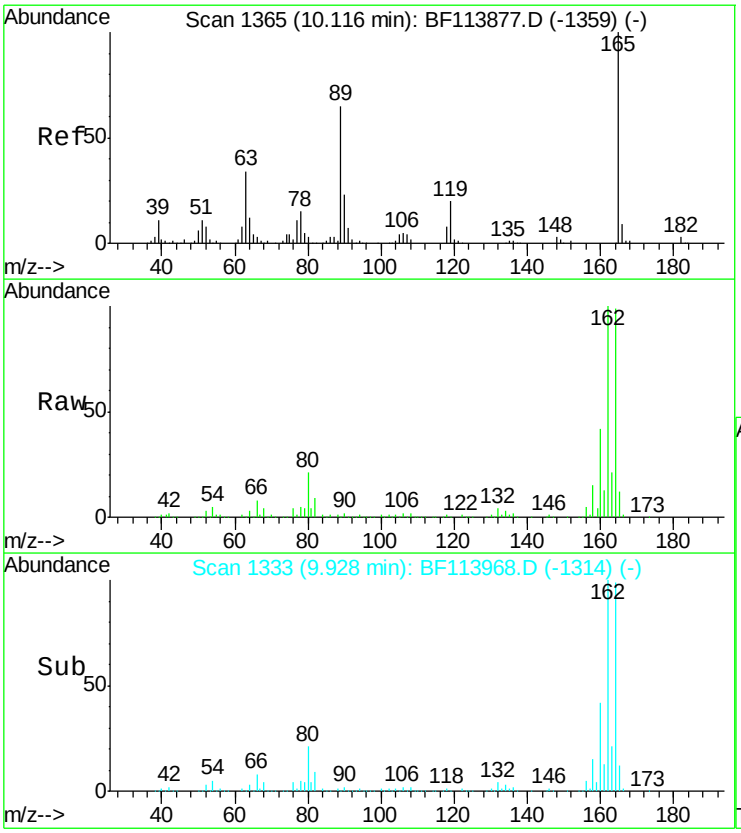
#56
4-Nitrophenol
Concen: 0.345 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.10 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 985

Ion	Ratio	Lower	Upper
139	100		
109	26.6	42.9	82.9#
65	0.0	64.4	104.4#

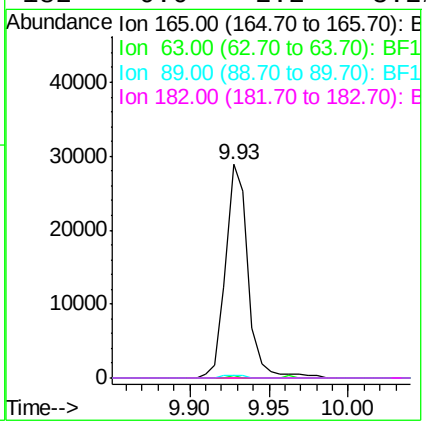


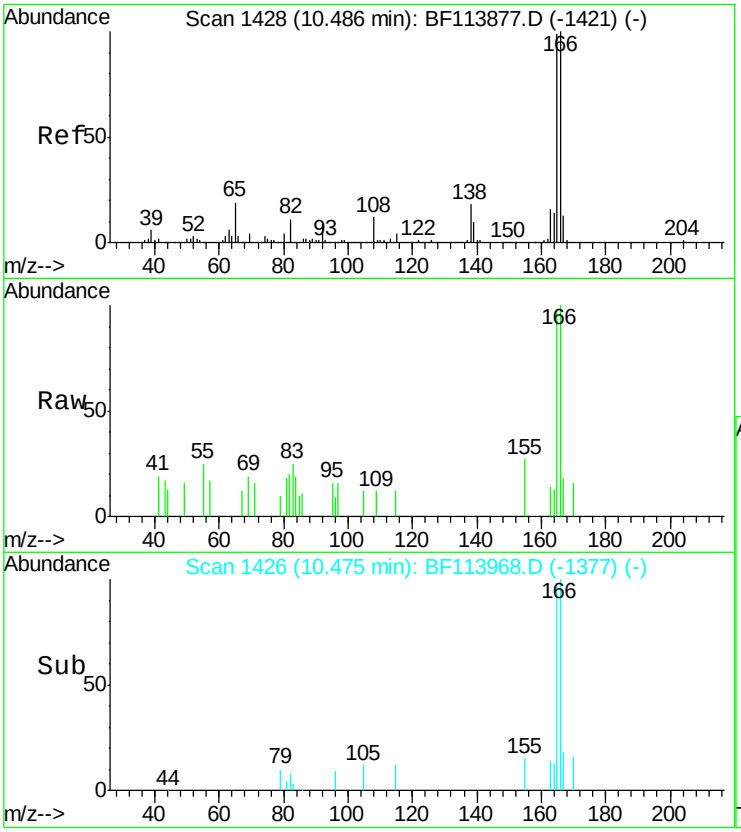


#57
2,4-Dinitrotoluene
Concen: 6.562 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion:165 Resp: 28459

Ion	Ratio	Lower	Upper
165	100		
63	1.5	27.4	41.0#
89	1.1	51.8	77.6#
182	0.0	2.2	3.2#



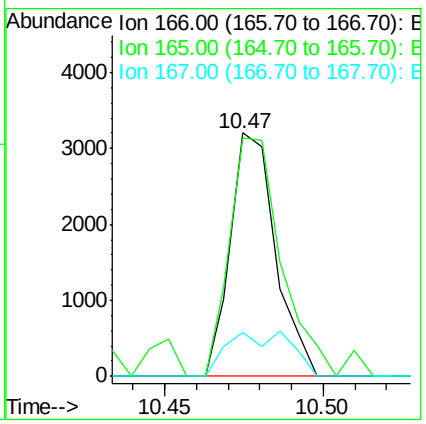


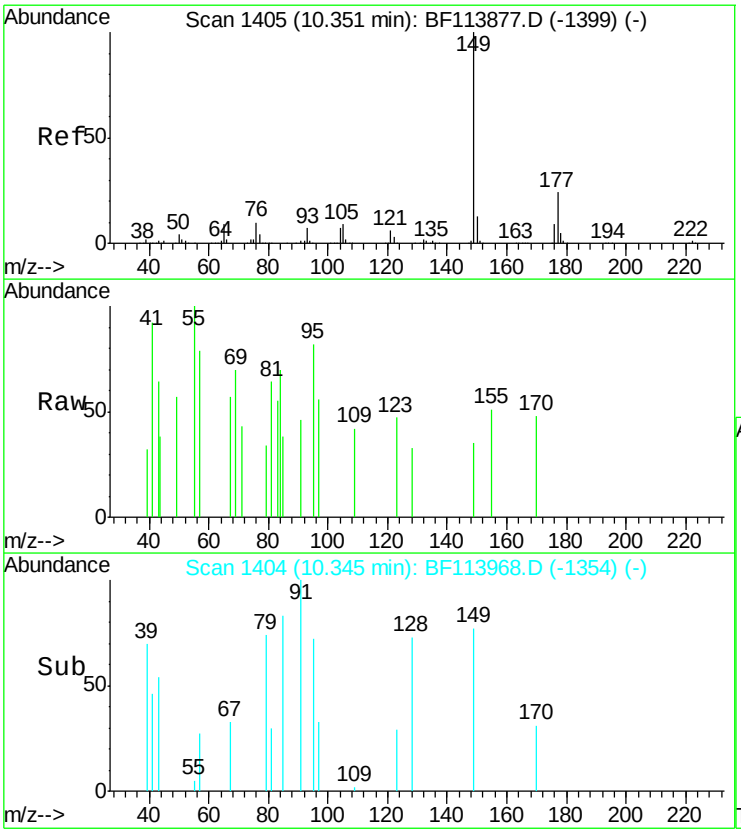
#58
Fluorene
Concen: 0.220 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 3157

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.4	117.6
167	18.2	10.9	16.3#

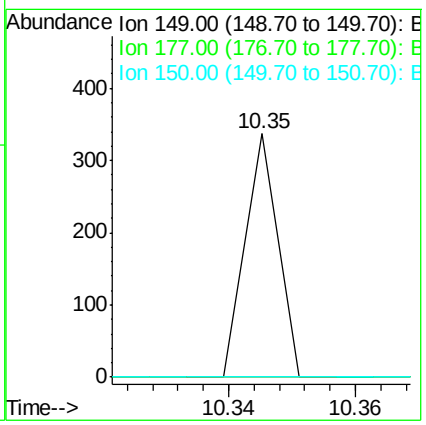


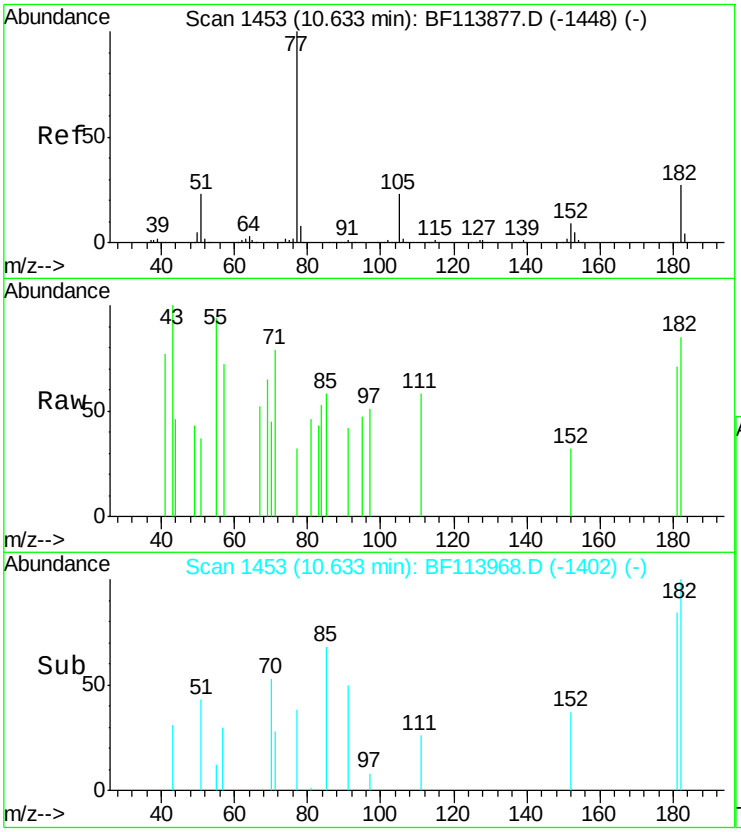


#60
Diethylphthalate
Concen: 0.008 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion:149 Resp: 119

Ion	Ratio	Lower	Upper
149	100		
177	0.0	19.2	28.8#
150	0.0	10.3	15.5#



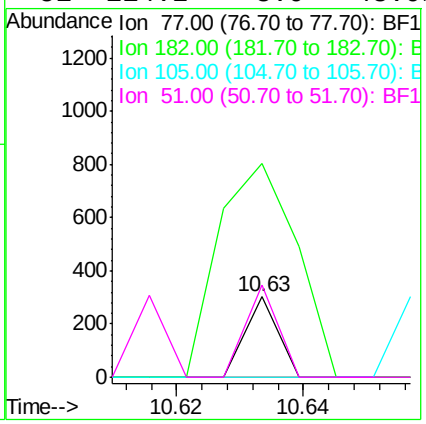


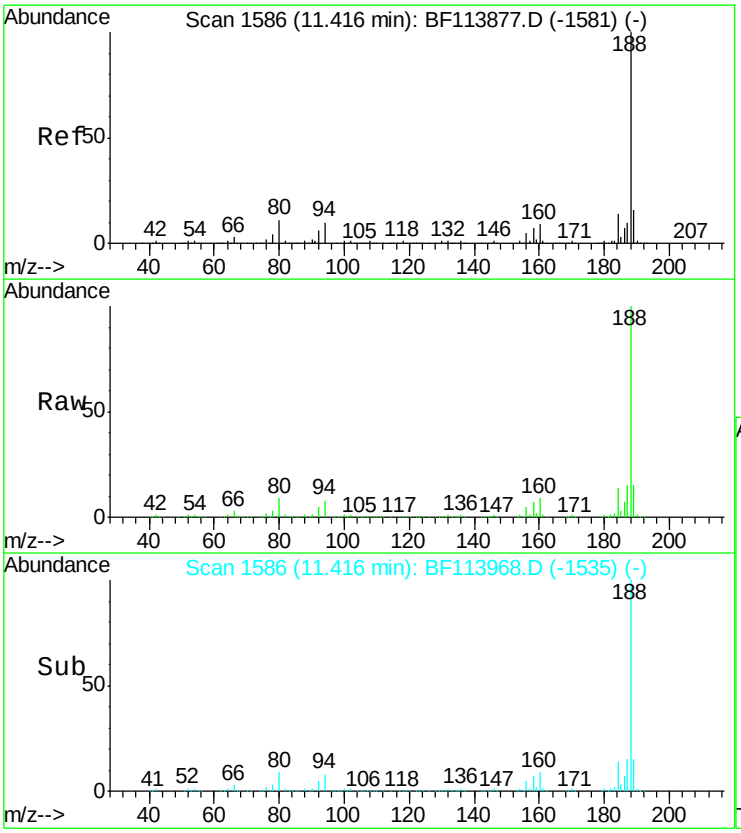
#63
Azobenzene
Concen: 0.007 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 107

Ion	Ratio	Lower	Upper
77	100		
182	265.9	4.4	44.4#
105	0.0	2.2	42.2#
51	114.2	3.9	43.9#

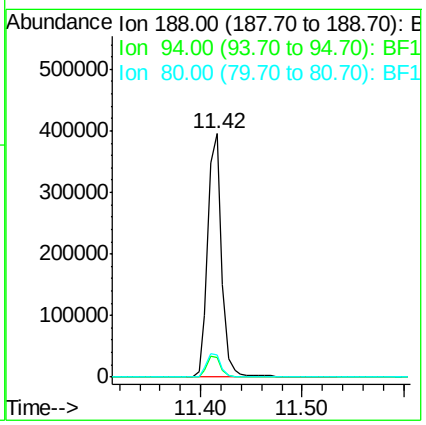


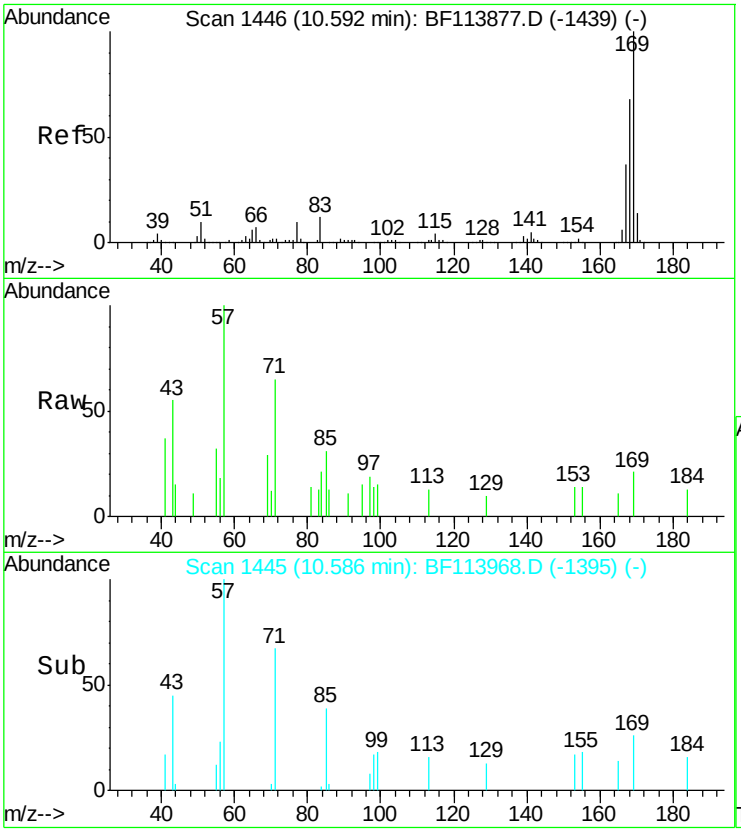


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion:188 Resp: 376146

Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.2	12.4#
80	9.1	9.0	13.6



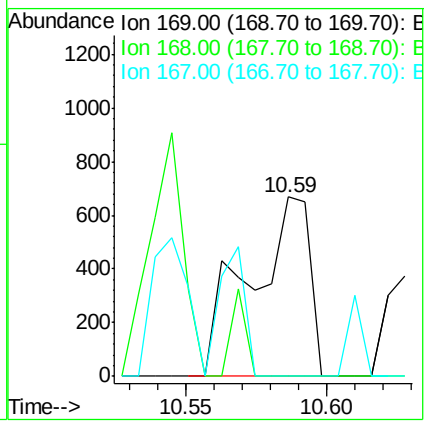


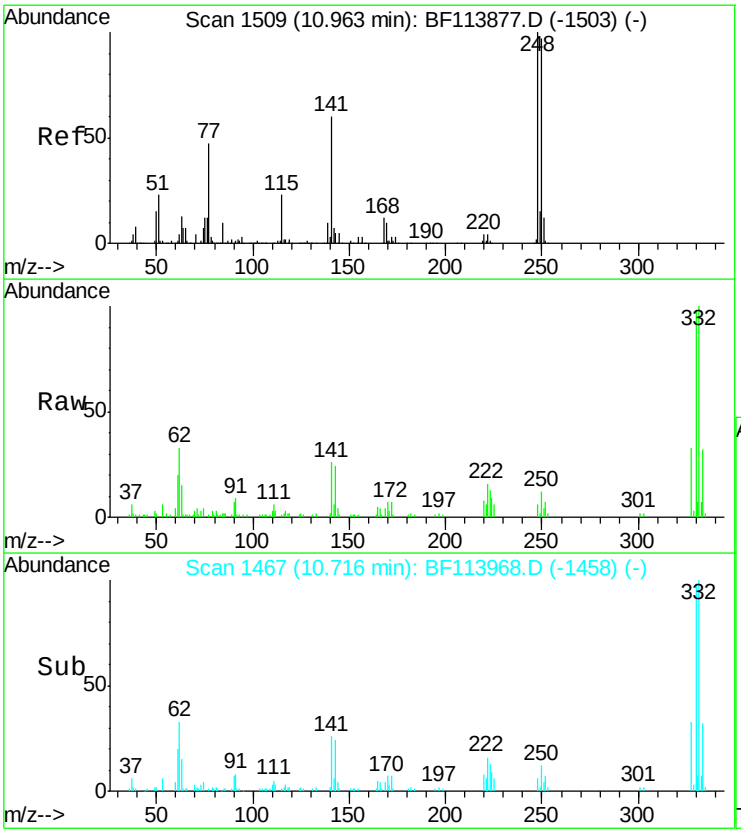
#66
n-Nitrosodiphenylamine
Concen: 0.087 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 983

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

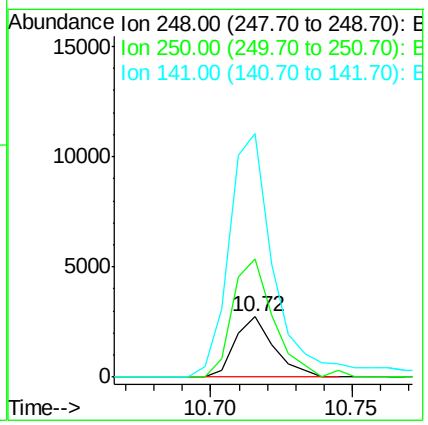


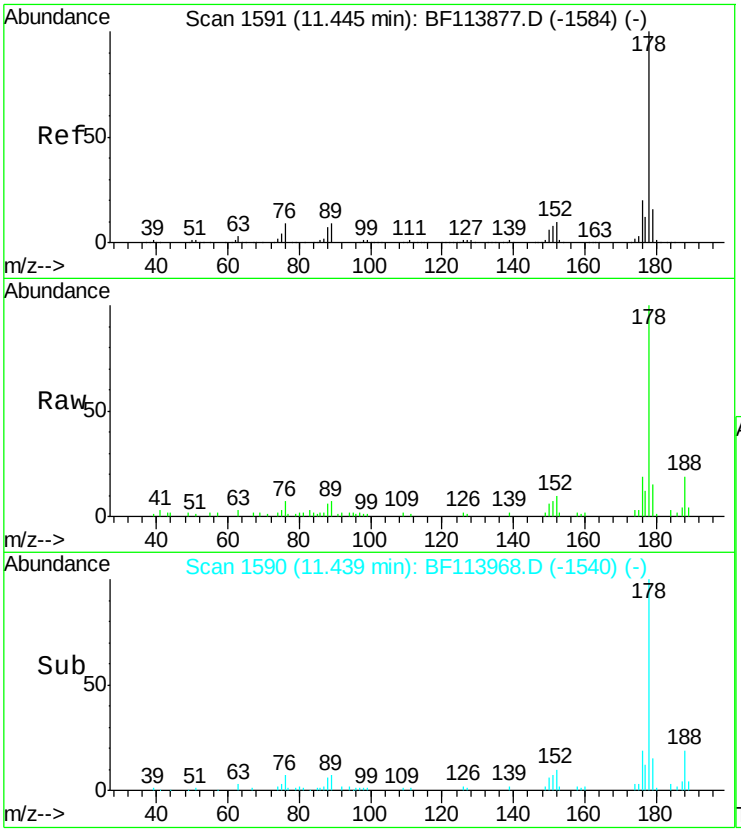


#67
4-Bromophenyl-phenylether
Concen: 0.576 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion:248 Resp: 2618

Ion	Ratio	Lower	Upper
248	100		
250	196.7	75.8	113.6#
141	405.5	50.2	75.4#



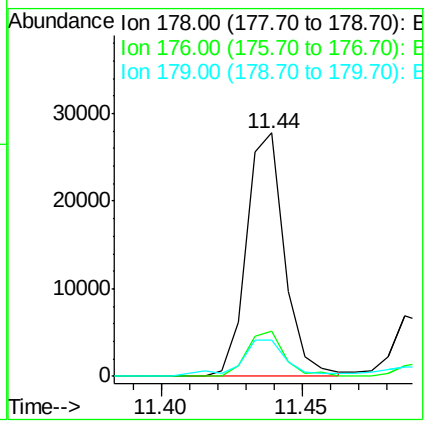


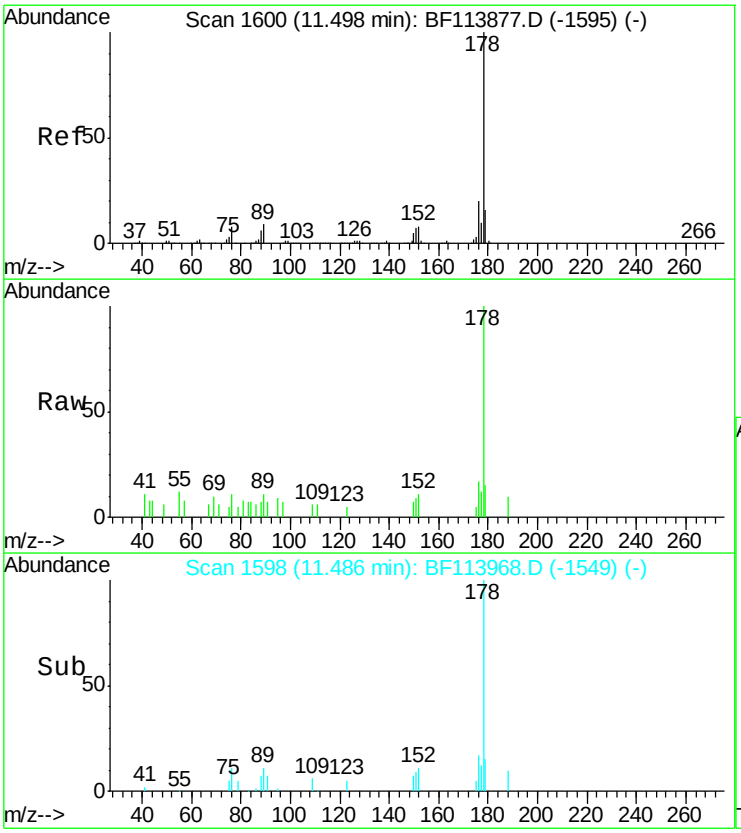
#71
Phenanthrene
Concen: 1.374 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 25982

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.1	24.1
179	14.7	12.8	19.2

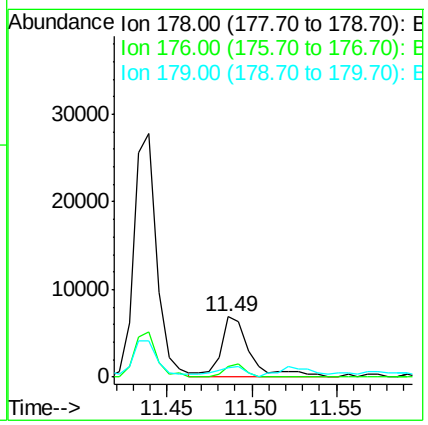


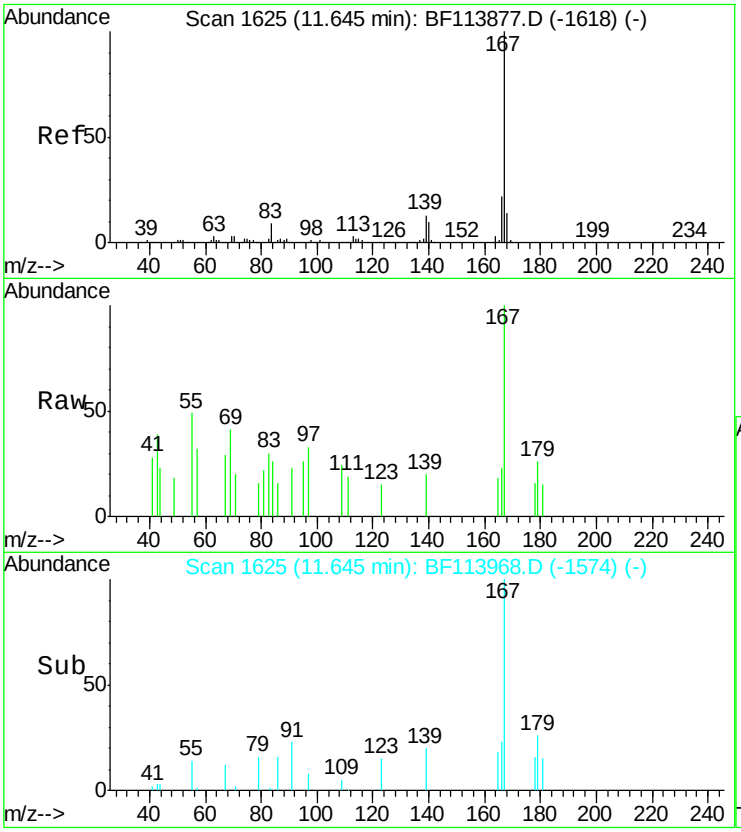


#72
Anthracene
Concen: 0.442 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion:178 Resp: 8443

Ion	Ratio	Lower	Upper
178	100		
176	16.7	15.7	23.5
179	14.8	13.0	19.4



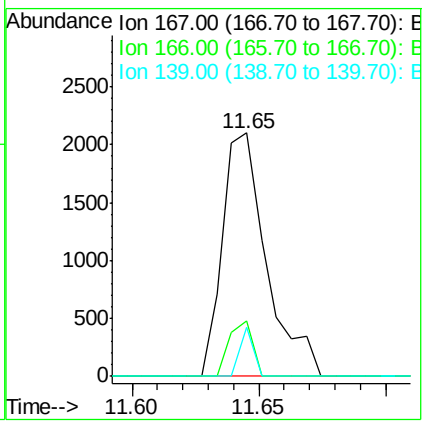


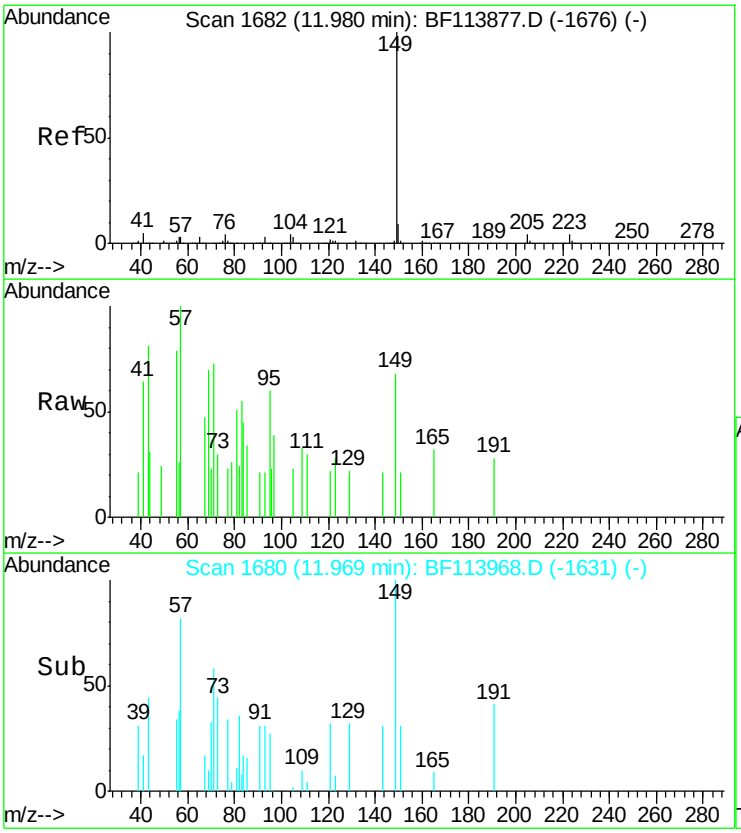
#73
Carbazole
Concen: 0.149 ng
RT: 11.65 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 2542

Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.7	26.5
139	20.1	10.0	15.0#

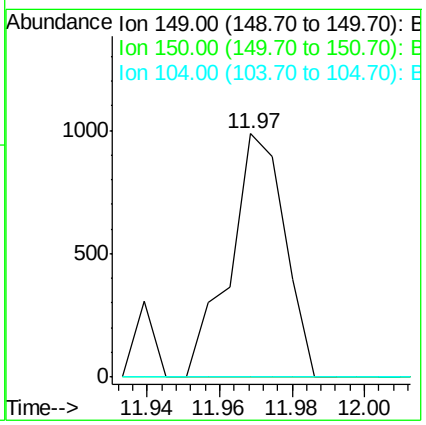


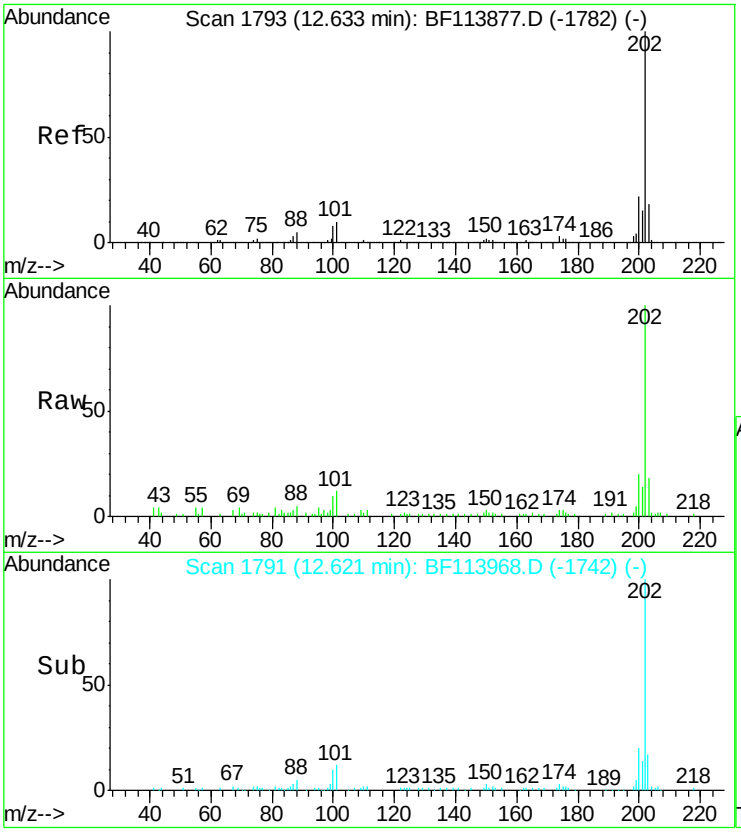


#74
Di-n-butylphthalate
Concen: 0.052 ng
RT: 11.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion:149 Resp: 1038

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



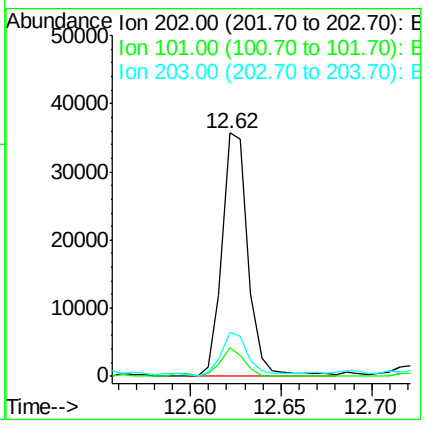


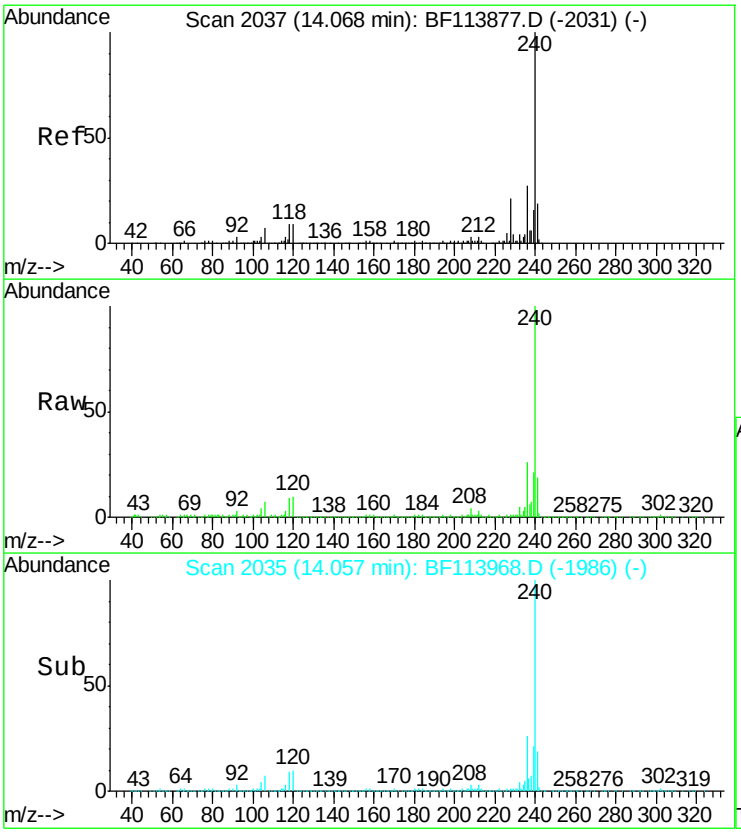
#75
Fluoranthene
Concen: 1.751 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 36114

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	32.9
203	17.8	0.0	38.2

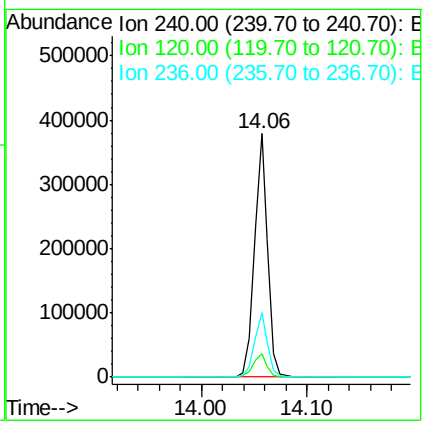


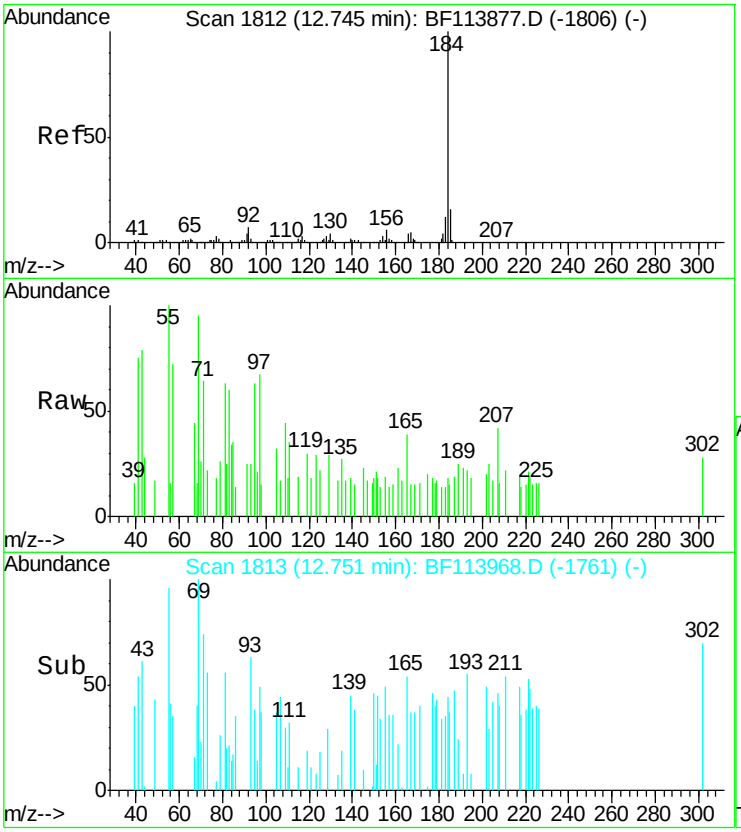


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion:240 Resp: 334530

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.3	13.9
236	26.4	21.2	31.8



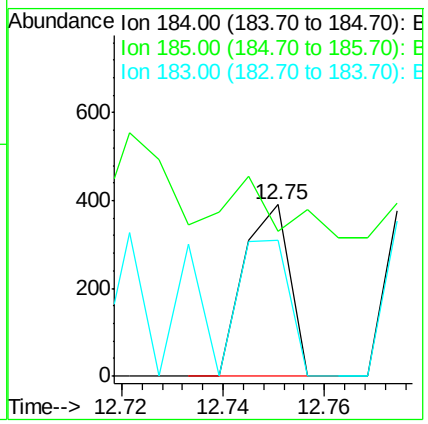


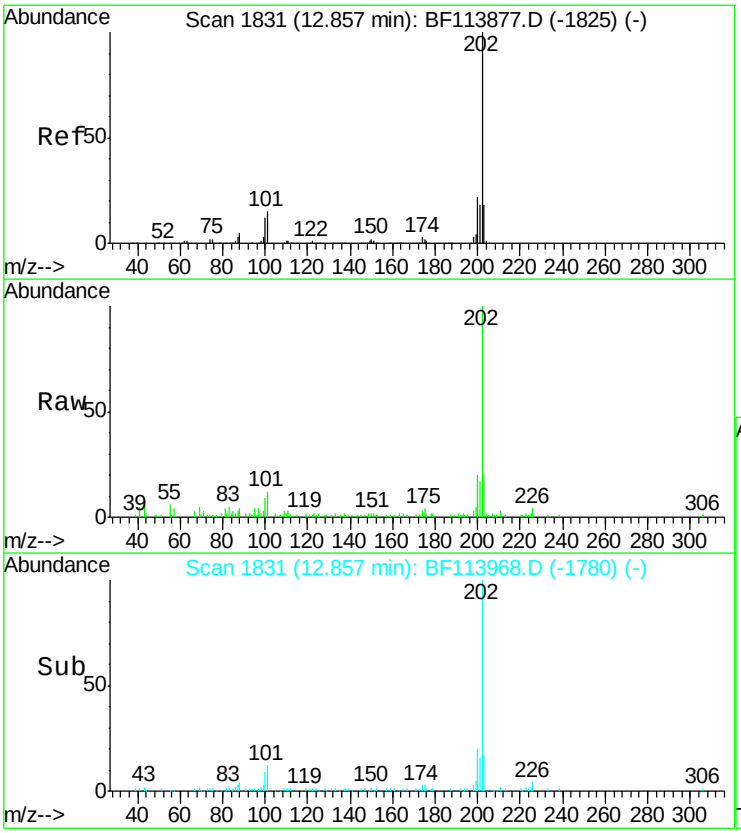
#77
Benzidine
Concen: 0.025 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 247

Ion	Ratio	Lower	Upper
184	100		
185	84.1	13.0	19.6#
183	79.5	9.4	14.0#

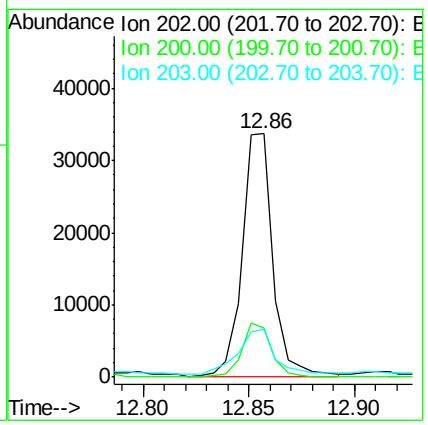


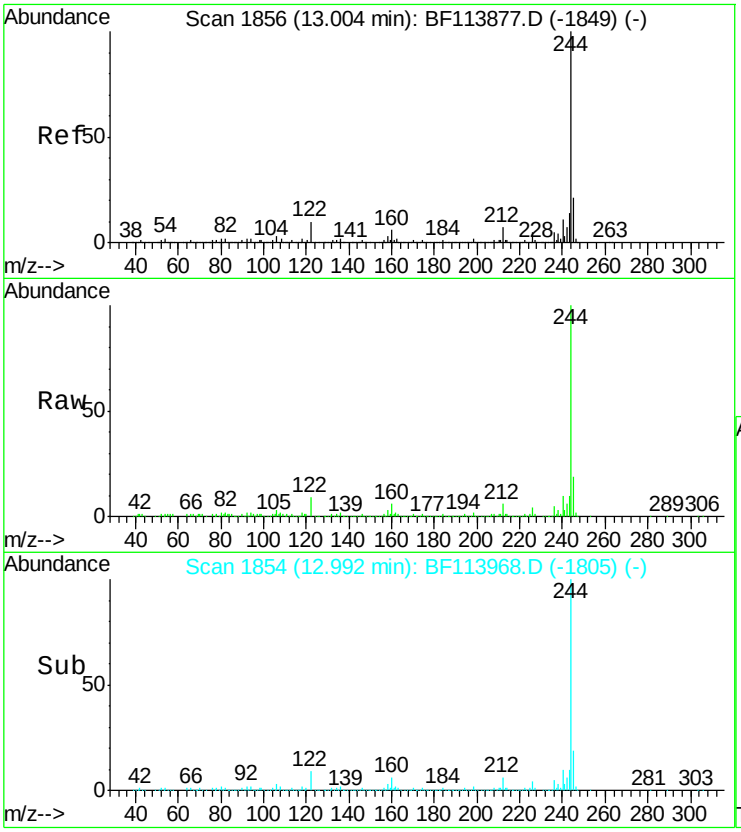


#78
Pyrene
Concen: 1.456 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion:202 Resp: 34070

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.7	26.5
203	19.7	15.0	22.6



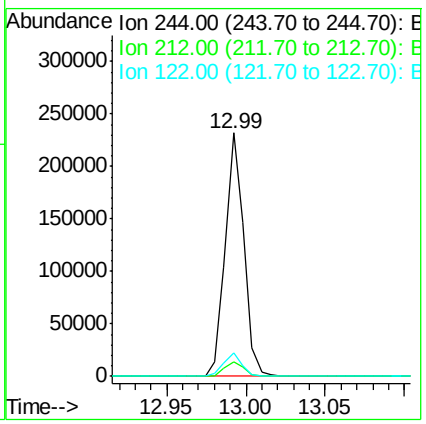


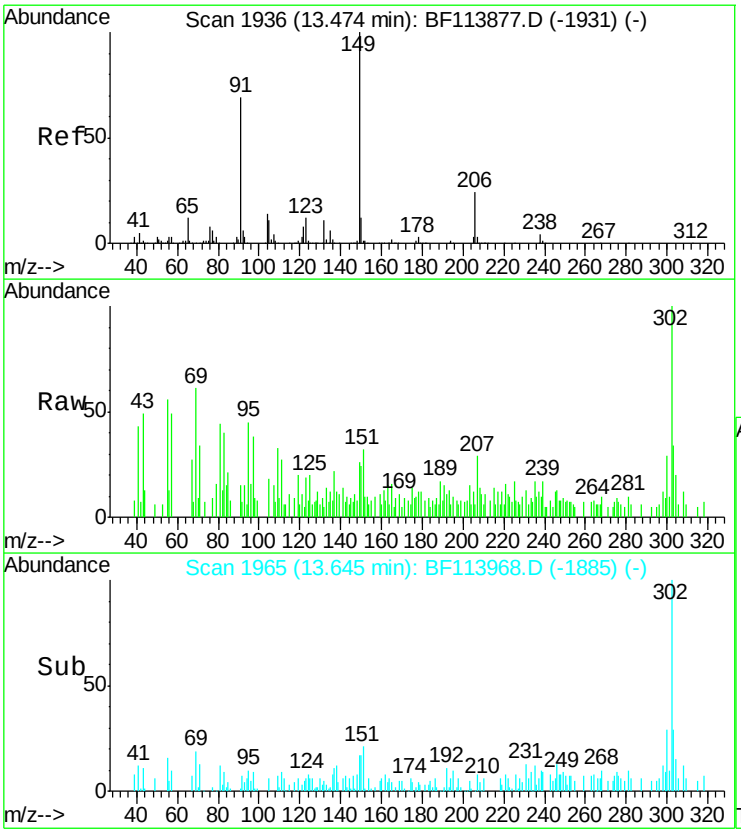
#79
Terphenyl-d14
Concen: 11.525 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 188066

Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.4	8.2
122	9.5	7.6	11.4

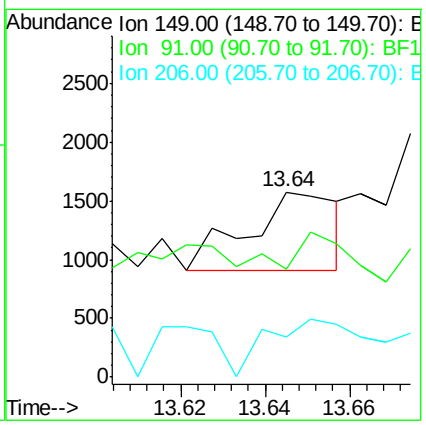


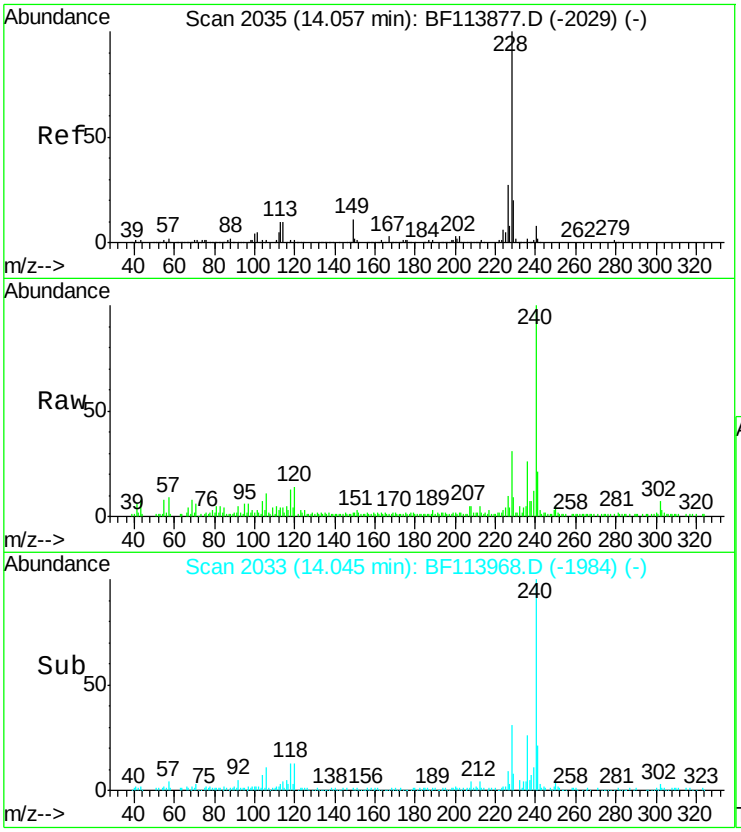


#80
Butylbenzylphthalate
Concen: 0.107 ng
RT: 13.64 min Scan# 1965
Delta R.T. 0.17 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion:149 Resp: 981

Ion	Ratio	Lower	Upper
149	100		
91	58.4	56.3	84.5
206	21.4	19.0	28.6



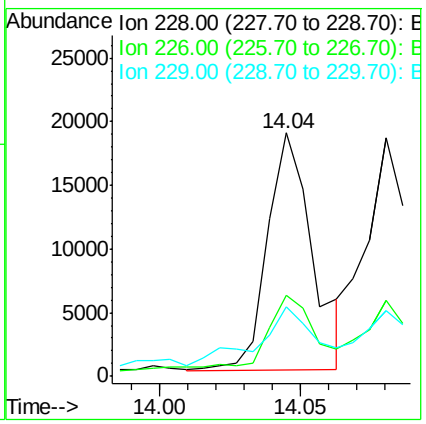


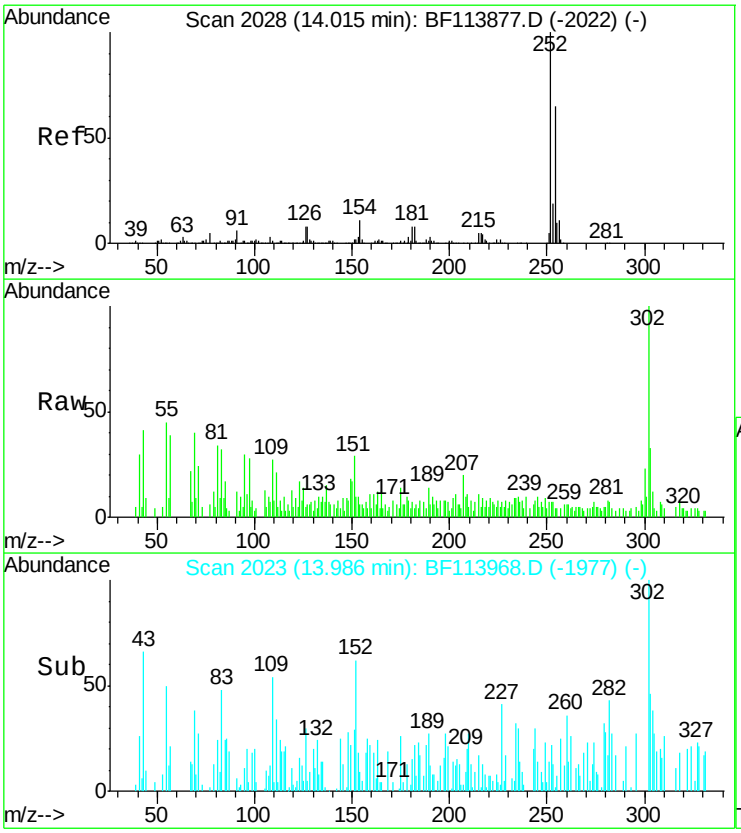
#81
Benzo(a)anthracene
Concen: 1.049 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 20678

Ion	Ratio	Lower	Upper
228	100		
226	33.1	22.2	33.2
229	28.5	16.0	24.0#

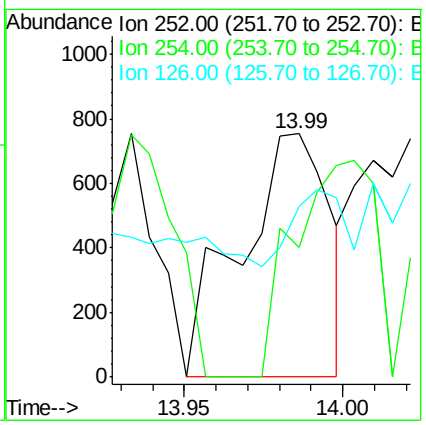


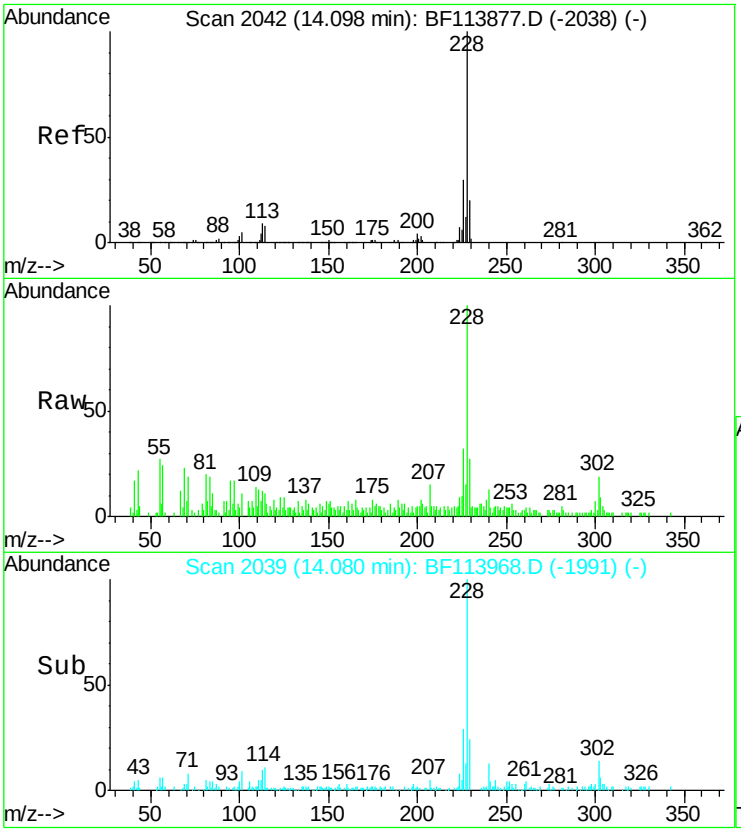


#82
3,3'-Dichlorobenzidine
Concen: 0.204 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.03 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion:252 Resp: 1474

Ion	Ratio	Lower	Upper
252	100		
254	53.5	52.1	78.1
126	70.3	9.3	13.9#



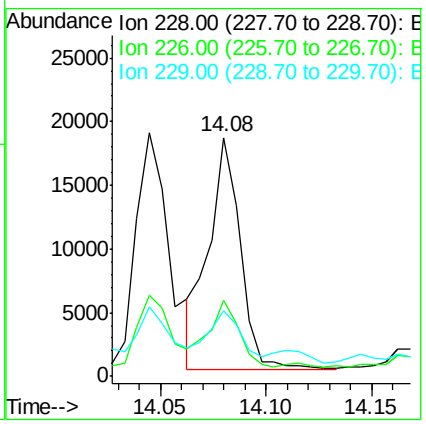


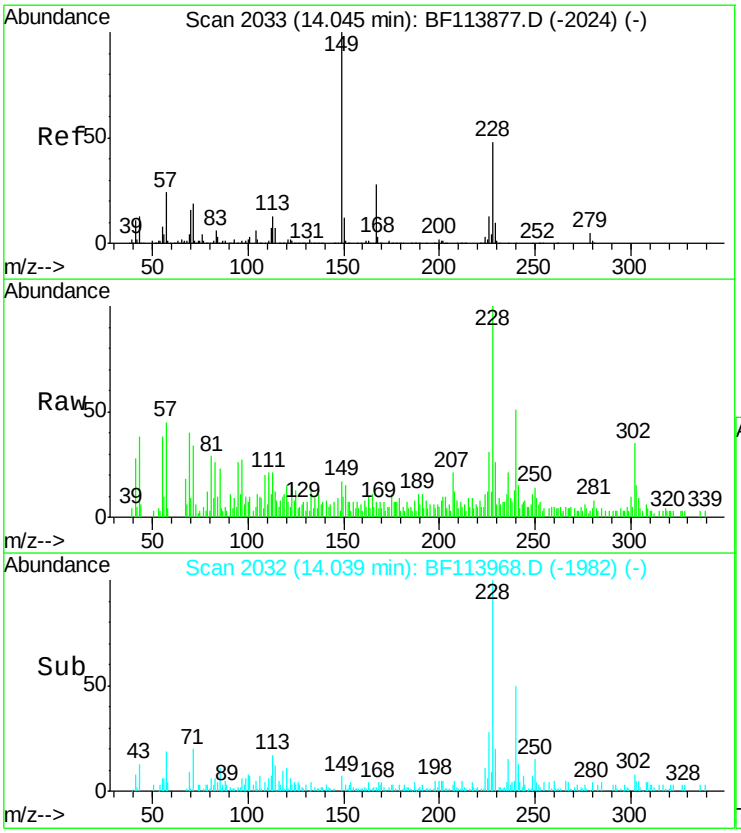
#83
Chrysene
Concen: 1.005 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.02 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 19295

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.2	37.8
229	27.4	16.7	25.1#

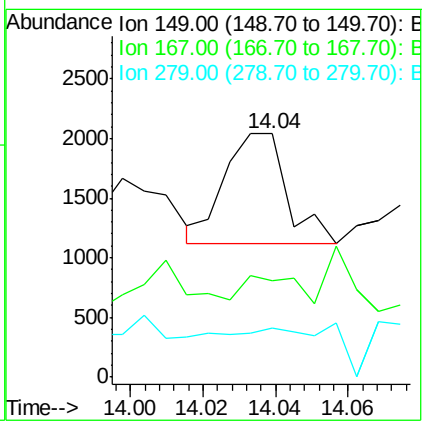


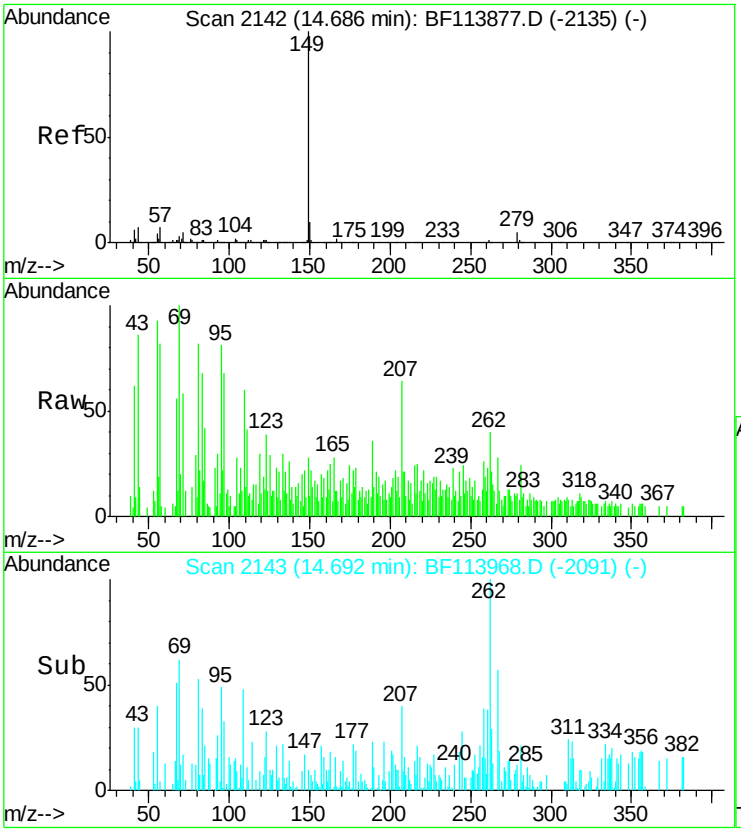


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.094 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion:149 Resp: 1097

Ion	Ratio	Lower	Upper
149	100		
167	39.8	22.9	34.3#
279	20.2	4.2	6.2#



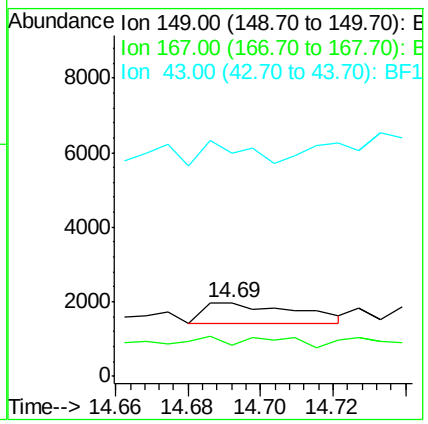


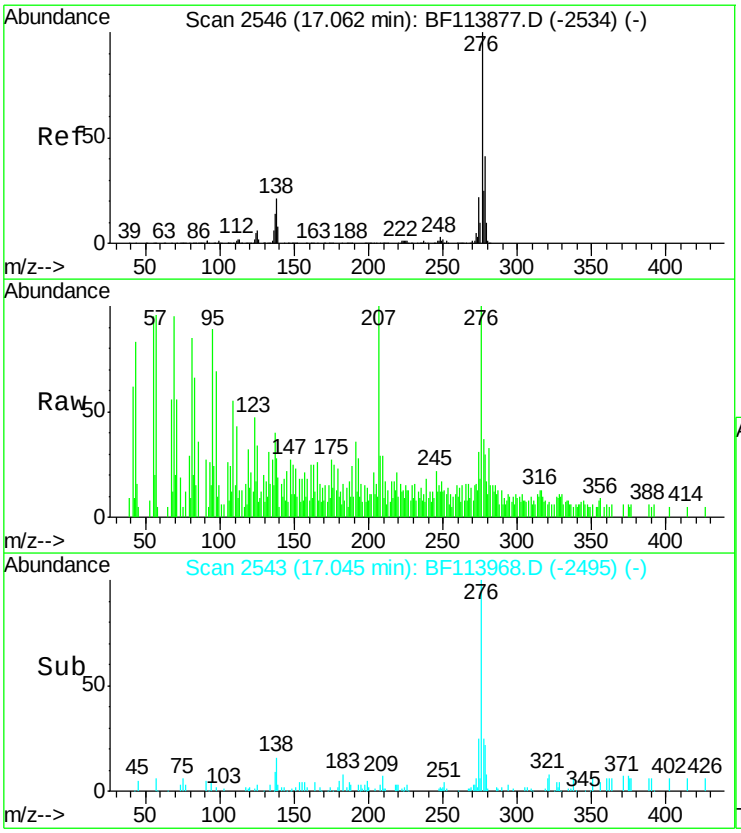
#85
Di-n-octyl phthalate
Concen: 0.055 ng
RT: 14.69 min Scan# 2143
Delta R.T. 0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1016

Ion	Ratio	Lower	Upper
149	100		
167	12.5	1.3	1.9#
43	55.7	6.6	10.0#

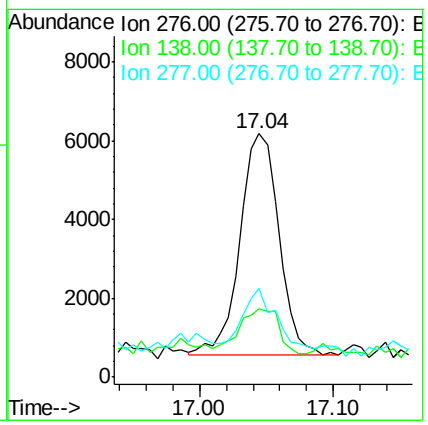


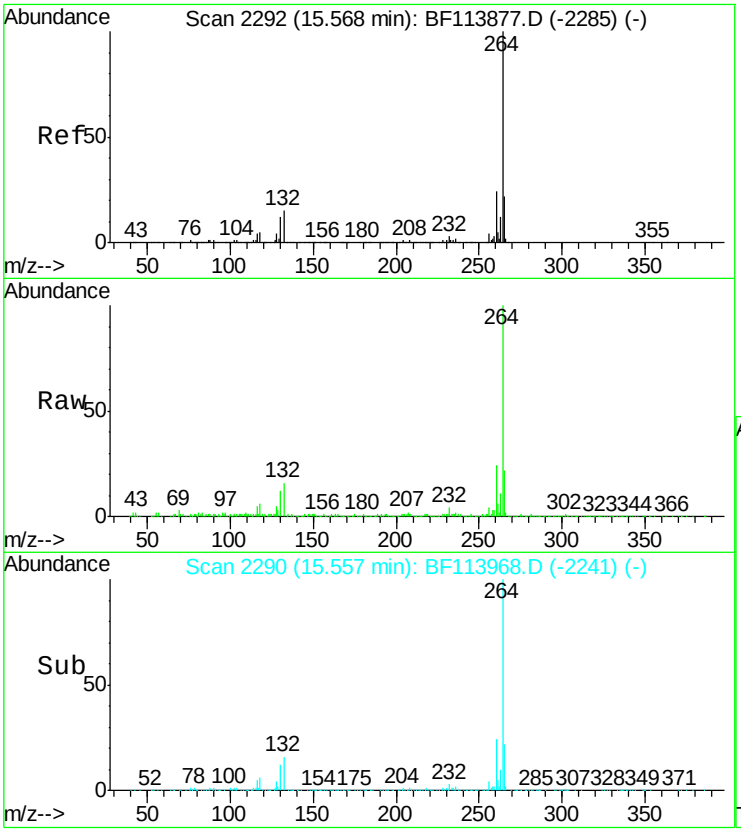


#86
Indeno(1,2,3-cd)pyrene
Concen: 0.629 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.02 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion:276 Resp: 11435

Ion	Ratio	Lower	Upper
276	100		
138	21.4	19.6	29.4
277	22.2	20.2	30.4



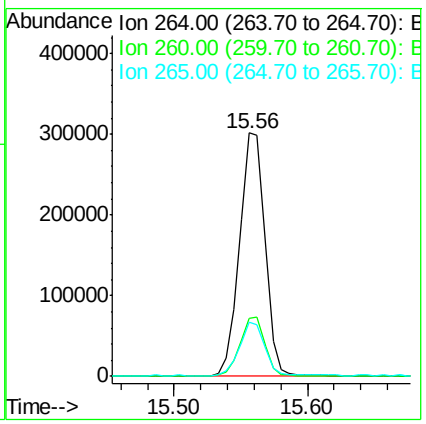


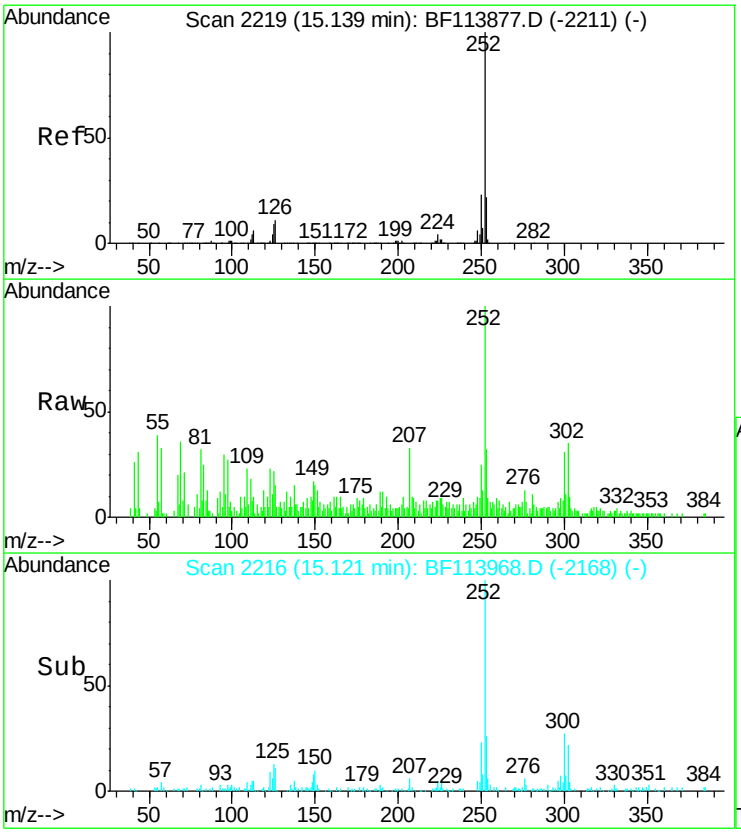
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 394683

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	22.3	17.3	25.9

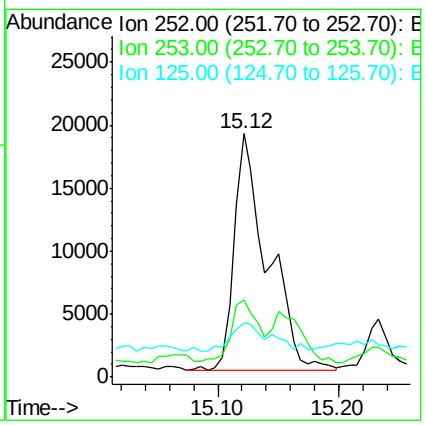


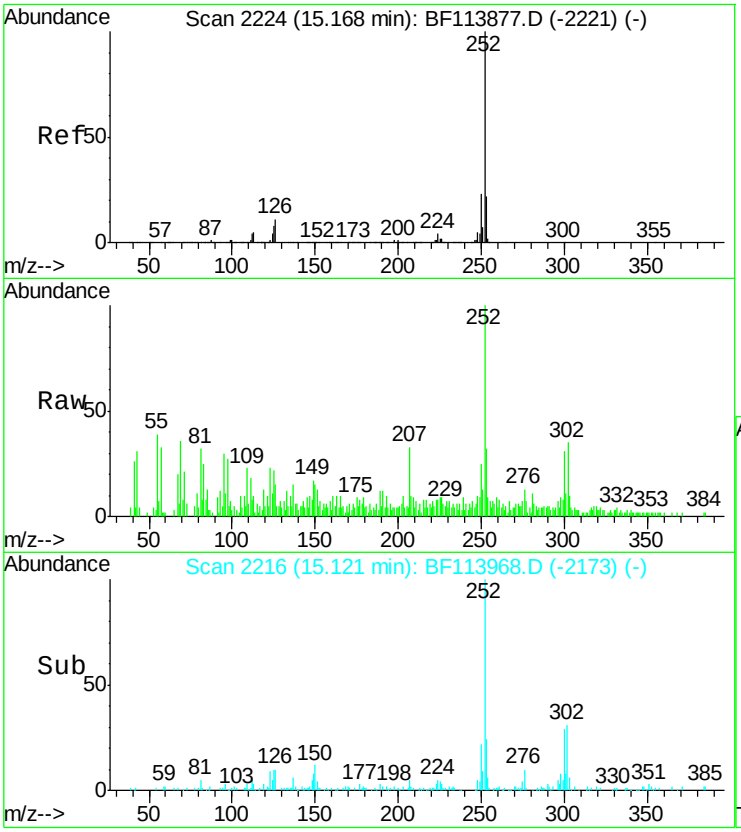


#88
Benzo(b)fluoranthene
Concen: 1.431 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion:252 Resp: 35738

Ion	Ratio	Lower	Upper
252	100		
253	31.8	17.8	26.6#
125	22.4	7.0	10.6#



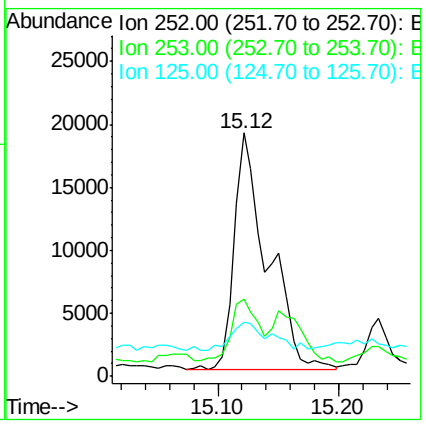


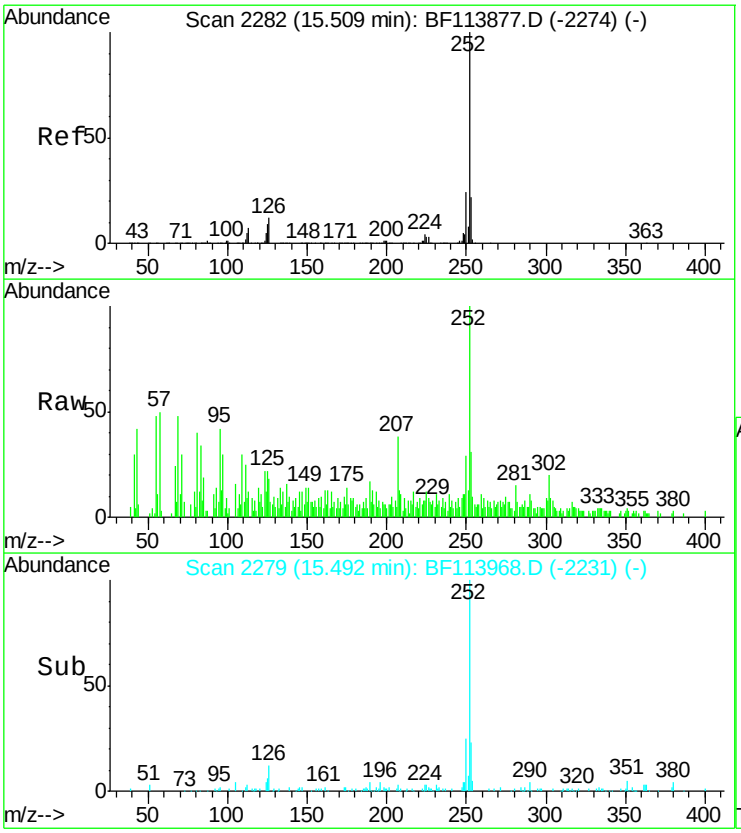
#89
Benzo(k)fluoranthene
Concen: 1.664 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.05 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 35738

Ion	Ratio	Lower	Upper
252	100		
253	31.8	18.2	27.2#
125	22.4	7.4	11.2#

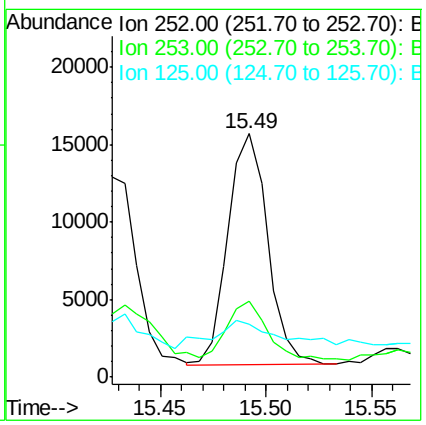


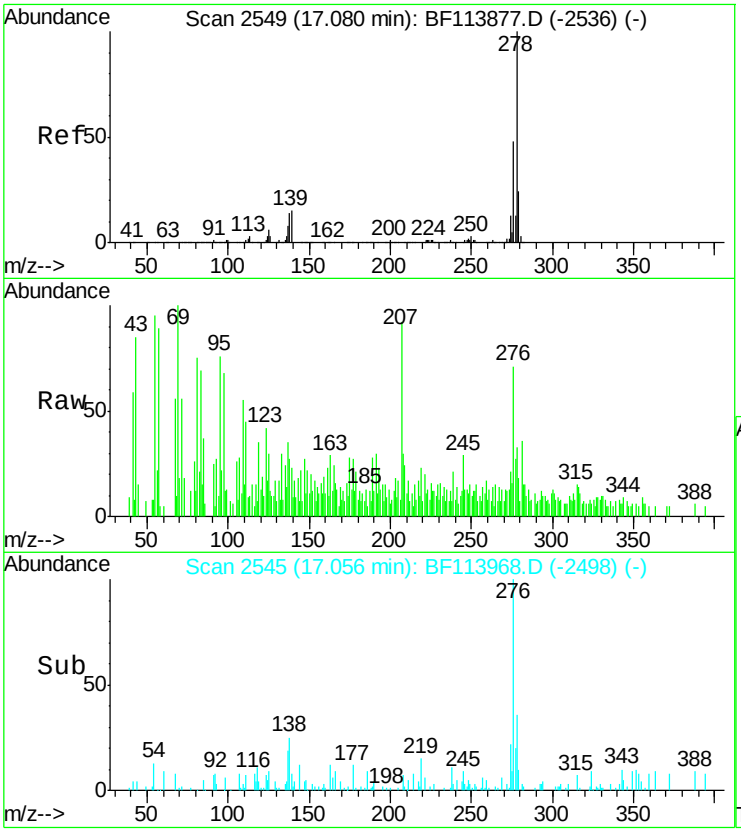


#90
Benzo(a)pyrene
Concen: 0.900 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion:252 Resp: 19433

Ion	Ratio	Lower	Upper
252	100		
253	31.0	17.5	26.3#
125	22.0	8.5	12.7#



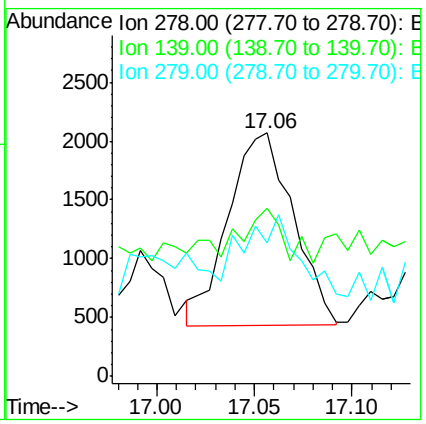


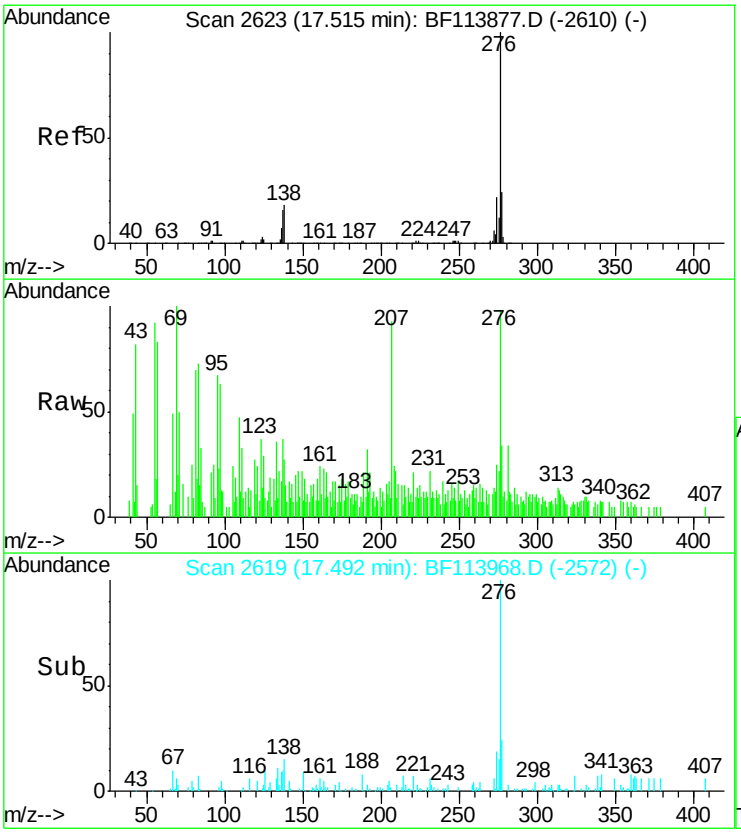
#91
Dibenzo(a,h)anthracene
Concen: 0.187 ng
RT: 17.06 min Scan# 2545
Delta R.T. -0.02 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 3783

Ion	Ratio	Lower	Upper
278	100		
139	69.0	11.6	17.4#
279	54.6	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 0.617 ng
RT: 17.49 min Scan# 2619
Delta R.T. -0.02 min
Lab File: BF113968.D
Acq: 24 Apr 2019 18:14

Tgt Ion:276 Resp: 12615

Ion	Ratio	Lower	Upper
276	100		
277	34.3	19.0	28.4#
138	27.4	16.6	25.0#