Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113957.D
Acq On : 24 Apr 2019 13:24
Operator : JU/SJ
Sample : K2542-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 25 01:22:20 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	137751	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	505710	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	249702	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	447388	20.00	ng	0.00
76) Chrysene-d12	14.06	240	312860	20.00	ng	-0.01
87) Perylene-d12	15.56	264	414697	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	787880	97.83	ng	0.00
7) Phenol-d6	6.52	99	1013381	100.29	ng	0.00
23) Nitrobenzene-d5	7.45	82	616545	75.28	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	258742	85.06	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1120533	70.19	ng	0.00
79) Terphenyl-d14	13.00	244	989916	64.87	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.75	88	112	0.030	ng	# 1
6) Aniline	6.66	93	1004	0.072	ng	# 1
8) 2-Chlorophenol	6.68	128	120	0.013	ng	# 1
9) Benzaldehyde	6.52	77	1418	Below Cal		# 3
10) Phenol	6.53	94	2475	0.205	ng	# 50
11) bis(2-Chloroethyl)ether	6.66	93	1004	0.110	ng	# 1
15) Benzyl Alcohol	7.05	79	10147	1.491	ng	# 46
19) n-Nitroso-di-n-propylamine	7.45	70	82685	12.636	ng	# 77
22) Acetophenone	7.29	105	127	0.011	ng	# 58
24) Nitrobenzene	7.45	77	1802	0.199	ng	# 35
25) Isophorone	7.45	82	616534	36.788	ng	# 65
27) 2,4-Dimethylphenol	7.90	122	547	0.081	ng	# 4
32) Benzoic acid	7.93	122	122	0.027	ng	# 52
38) 1-Methylnaphthalene	9.25	142	368	0.024	ng	# 54
46) 1,1'-Biphenyl	9.35	154	2126	0.111	ng	88
47) 2-Chloronaphthalene	9.64	162	679	0.044	ng	# 1
48) 2-Nitroaniline	9.64	65	1022	0.251	ng	# 1
49) Acenaphthylene	9.79	152	575	0.024	ng	# 59
50) Dimethylphthalate	9.64	163	135398	7.498	ng	98
51) 2,6-Dinitrotoluene	9.64	165	1272	0.328	ng	# 1
52) Acenaphthene	9.96	154	108	0.008	ng	# 6
57) 2,4-Dinitrotoluene	9.93	165	31782	6.499	ng	# 29
58) Fluorene	10.72	166	10250	0.633	ng	# 84
60) Diethylphthalate	10.35	149	482	0.028	ng	# 57
63) Azobenzene	10.72	77	1116	0.067	ng	# 28
65) 4,6-Dinitro-2-methylphenol	10.72	198	474	7.504	ng	# 1
66) n-Nitrosodiphenylamine	10.72	169	6335	0.472	ng	# 41
67) 4-Bromophenyl-phenylether	10.72	248	16391	3.033	ng	# 1
71) Phenanthrene	11.43	178	4150	0.185	ng	# 95
72) Anthracene	11.43	178	4150	0.183	ng	96
73) Carbazole	11.65	167	444	0.022	ng	# 59
74) Di-n-butylphthalate	11.97	149	1514	0.064	ng	# 77
75) Fluoranthene	12.63	202	7667	0.313	ng	96
77) Benzidine	13.00	184	10979	1.178	ng	# 95

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113957.D
Acq On : 24 Apr 2019 13:24
Operator : JU/SJ
Sample : K2542-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 25 01:22:20 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)
78) Pyrene	12.85	202	6834	0.312	ng		96
80) Butylbenzylphthalate	13.47	149	127	0.015	ng	#	75
81) Benzo(a)anthracene	14.08	228	3614	0.196	ng		94
83) Chrysene	14.08	228	3614	0.201	ng		97
84) Bis(2-ethylhexyl)phthalate	14.04	149	3541	0.323	ng	#	95
85) Di-n-octyl phthalate	14.67	149	283	0.017	ng	#	80
86) Indeno(1,2,3-cd)pyrene	17.04	276	3139	0.185	ng	#	87
88) Benzo(b)fluoranthene	15.12	252	7584	0.289	ng	#	93
89) Benzo(k)fluoranthene	15.12	252	7584	0.336	ng	#	94
90) Benzo(a)pyrene	15.49	252	4193	0.185	ng	#	94
91) Dibenzo(a,h)anthracene	17.04	278	923	0.043	ng	#	57
92) Benzo(g,h,i)perylene	17.49	276	3255	0.151	ng		95

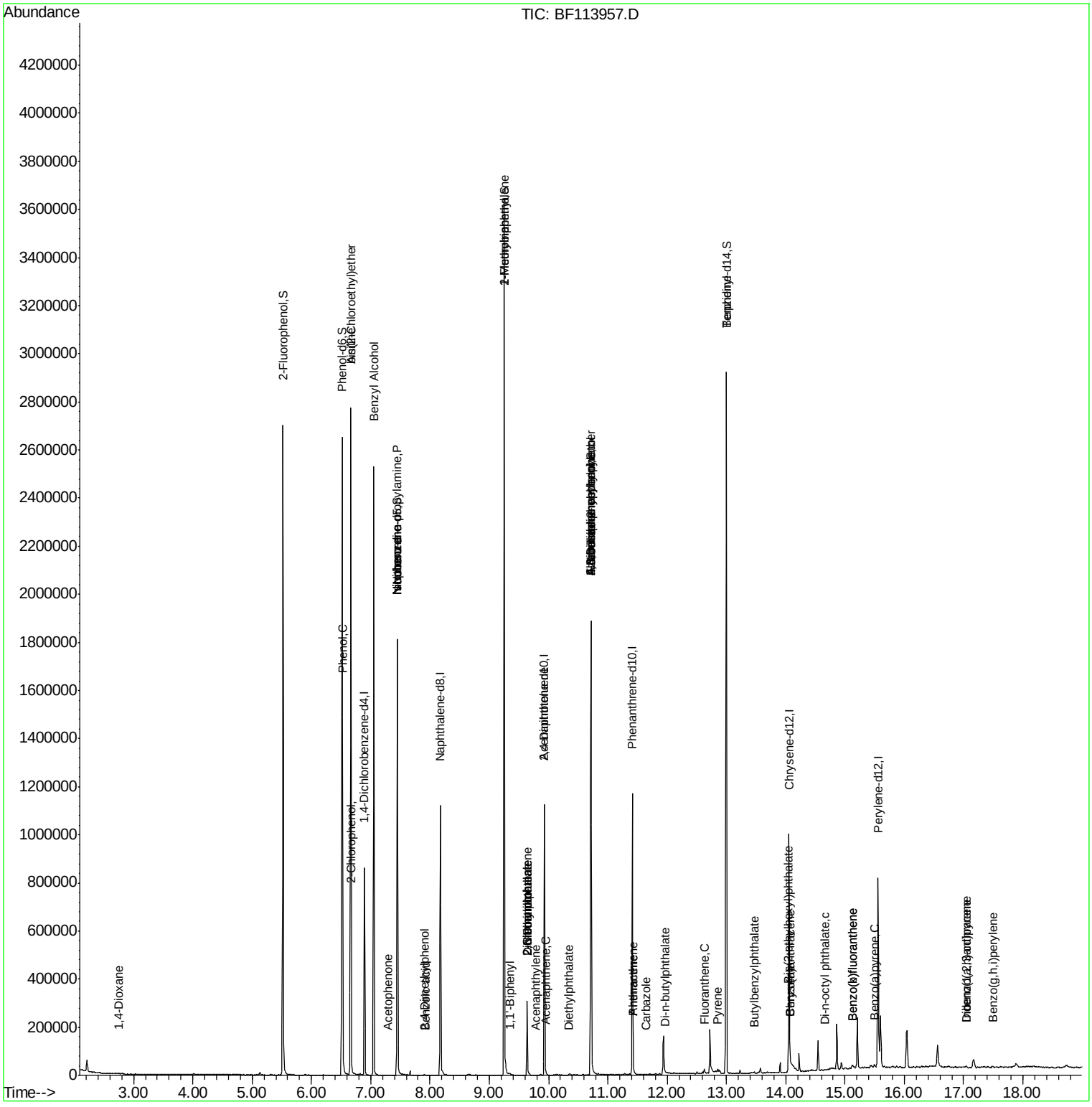
(#) = qualifier out of range (m) = manual integration (+) = signals summed

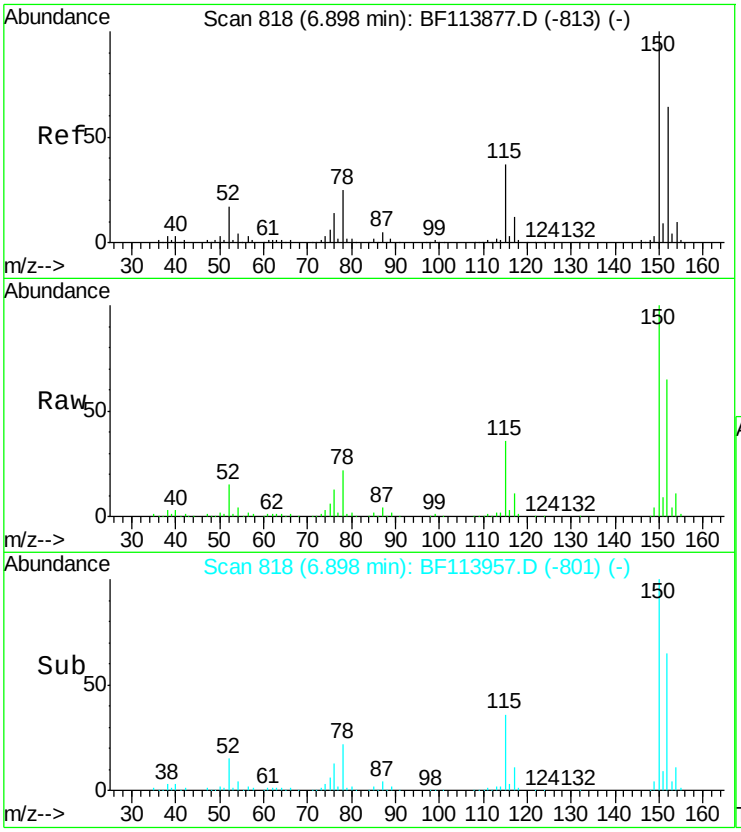
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113957.D
Acq On : 24 Apr 2019 13:24
Operator : JU/SJ
Sample : K2542-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 25 01:22:20 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



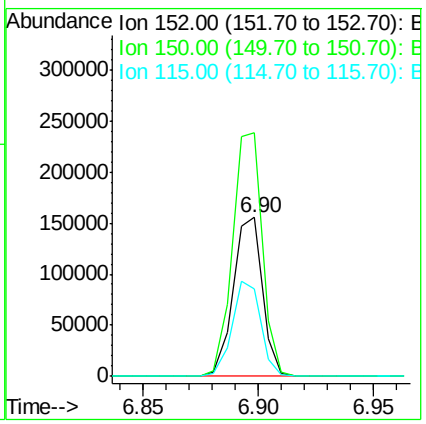


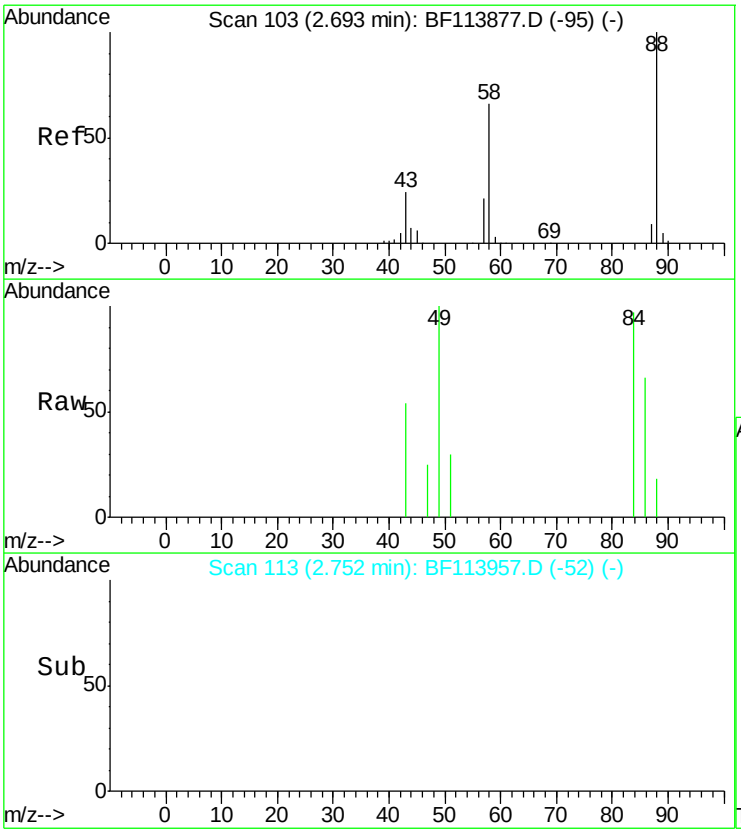
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 137751

Ion	Ratio	Lower	Upper
152	100		
150	153.2	125.9	188.9
115	55.0	45.9	68.9

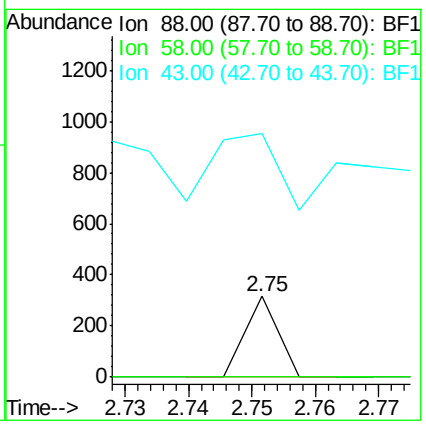


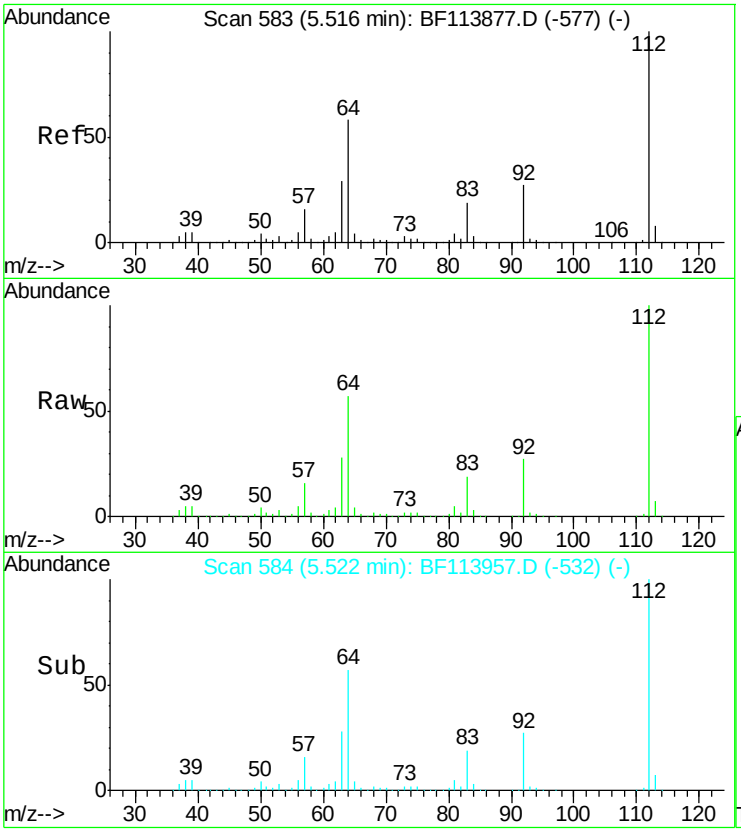


#2
1,4-Dioxane
Concen: 0.030 ng
RT: 2.75 min Scan# 113
Delta R.T. 0.06 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Tgt Ion: 88 Resp: 112

Ion	Ratio	Lower	Upper
88	100		
58	0.0	53.3	79.9#
43	183.0	19.0	28.4#



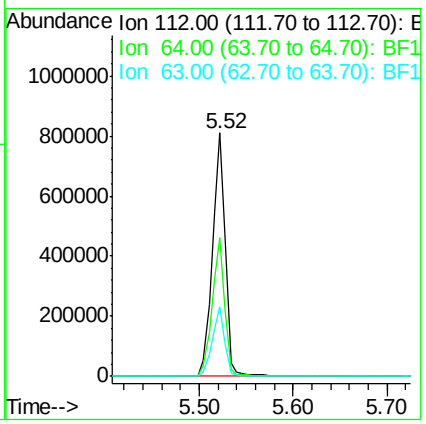


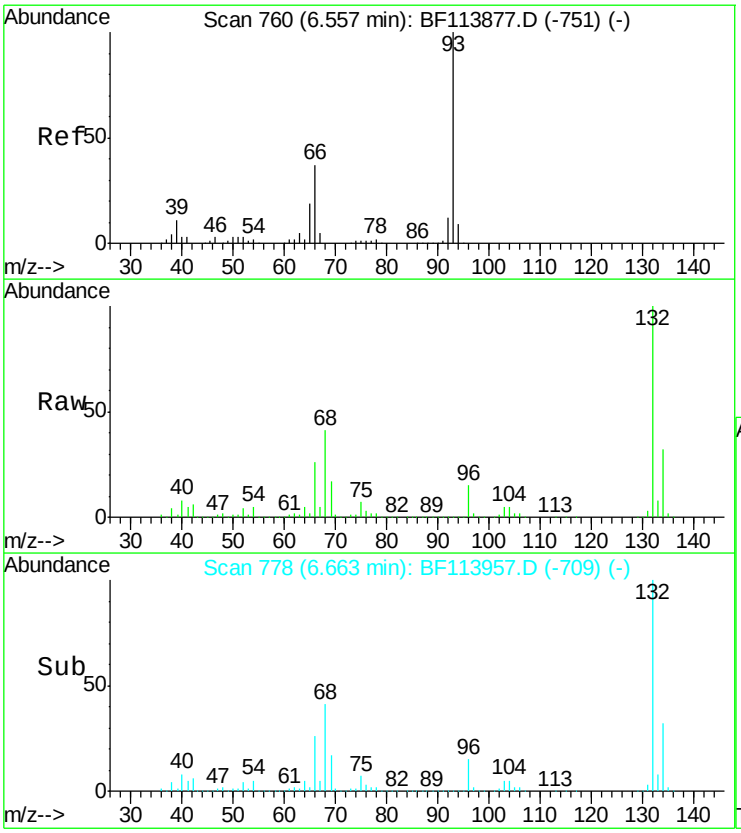
#5
2-Fluorophenol
Concen: 97.825 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 787880

Ion	Ratio	Lower	Upper
112	100		
64	56.8	46.6	69.8
63	28.4	23.1	34.7

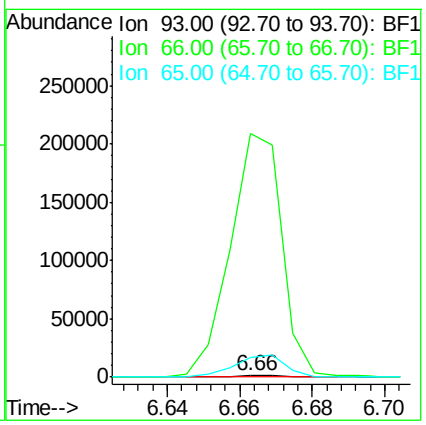


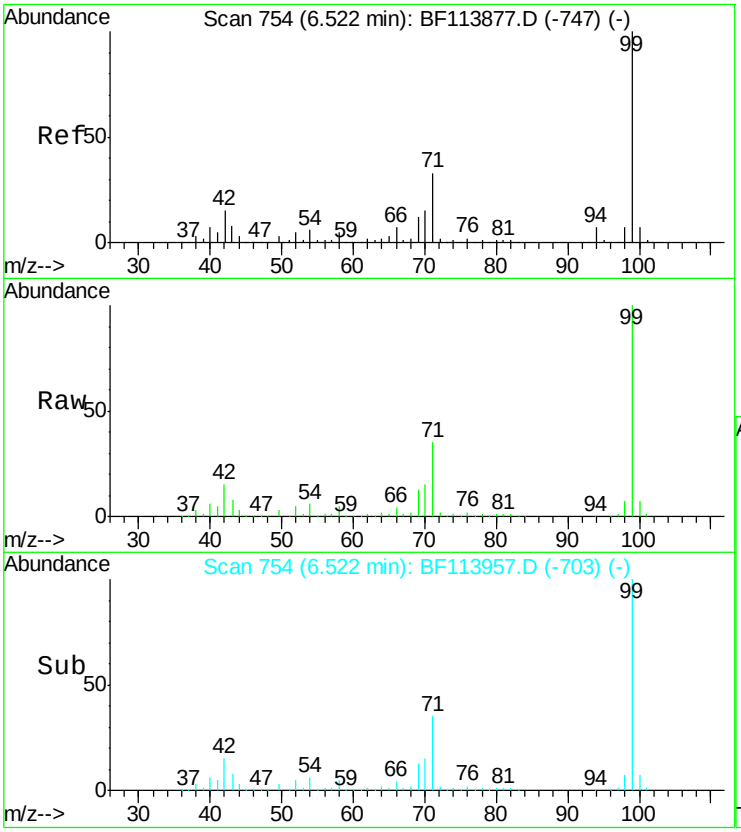


#6
Aniline
Concen: 0.072 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.11 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Tgt Ion: 93 Resp: 1004

Ion	Ratio	Lower	Upper
93	100		
66	19468.4	29.8	44.6#
65	1532.9	14.9	22.3#



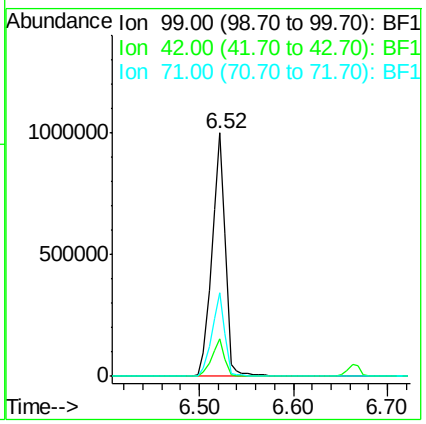


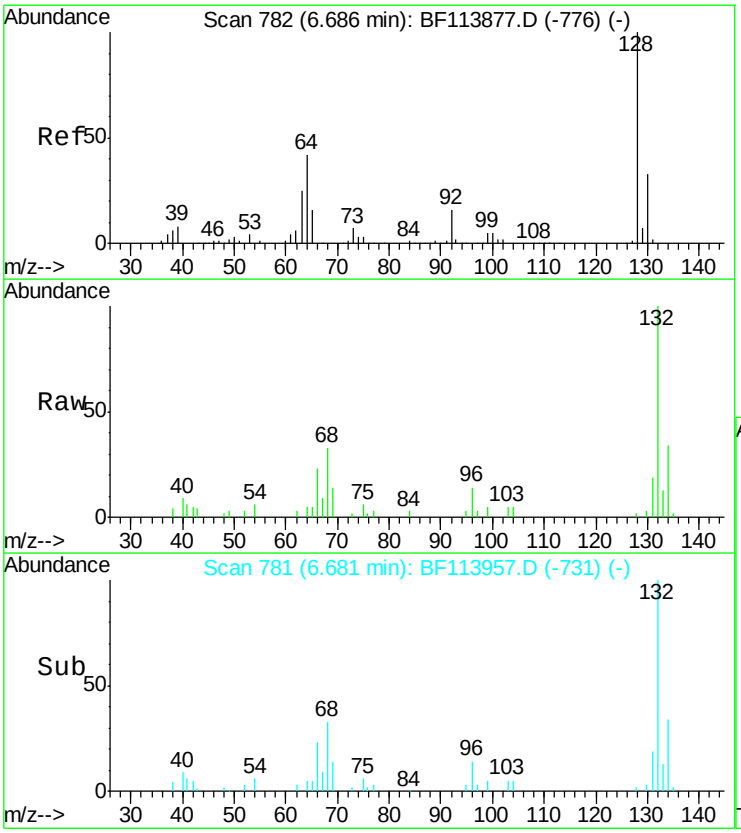
#7
Phenol-d6
Concen: 100.289 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1013381

Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.5	18.7
71	34.6	26.9	40.3

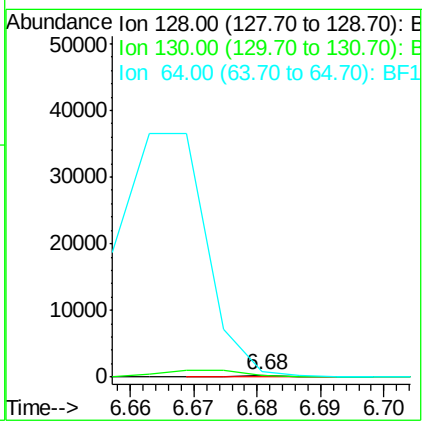


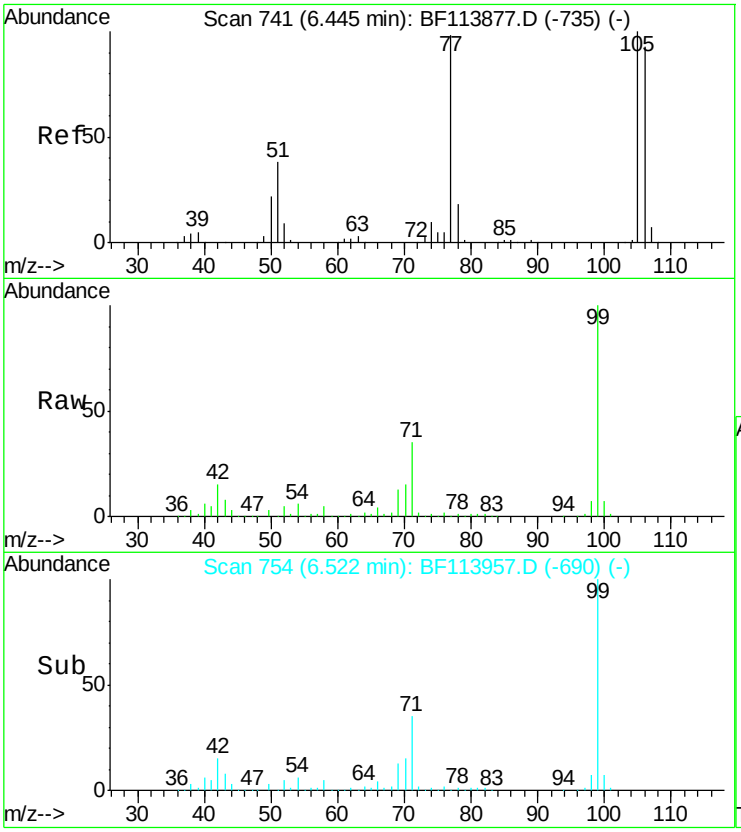


#8
2-Chlorophenol
Concen: 0.013 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Tgt Ion:128 Resp: 120

Ion	Ratio	Lower	Upper
128	100		
130	102.1	12.3	52.3#
64	219.7	26.1	66.1#



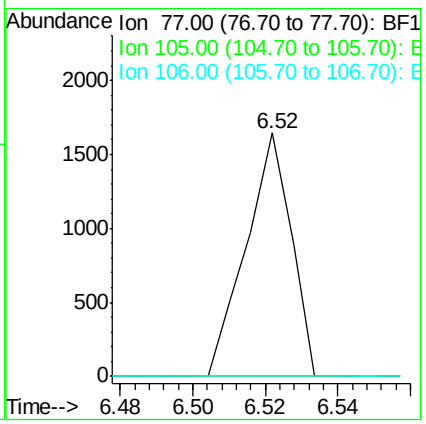


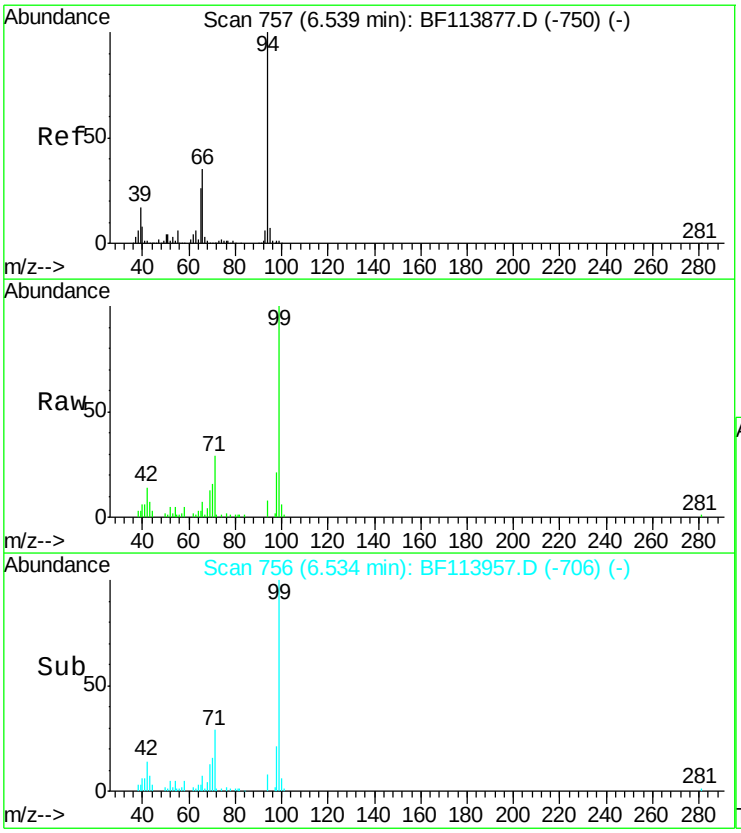
#9
Benzaldehyde
Concen: Below Cal
RT: 6.52 min Scan# 754
Delta R.T. 0.08 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 1418

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

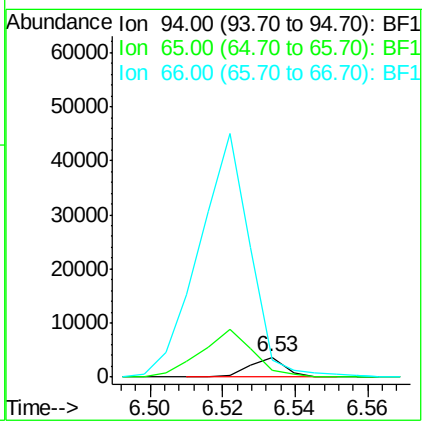


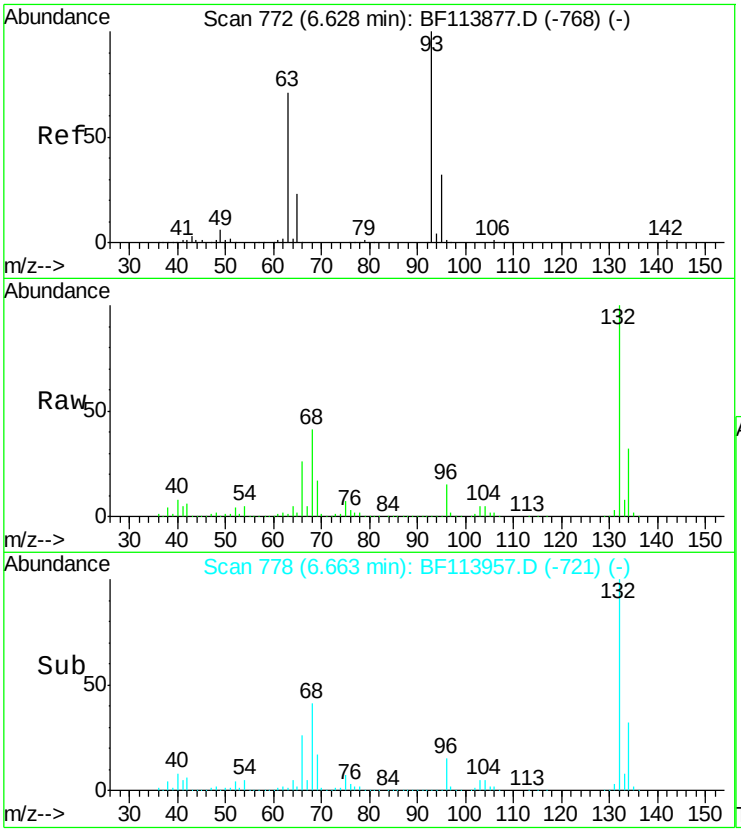


#10
Phenol
Concen: 0.205 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Tgt Ion: 94 Resp: 2475

Ion	Ratio	Lower	Upper
94	100		
65	34.9	8.1	48.1
66	83.5	16.6	56.6#



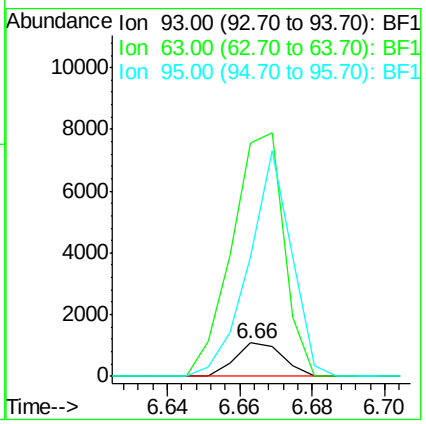


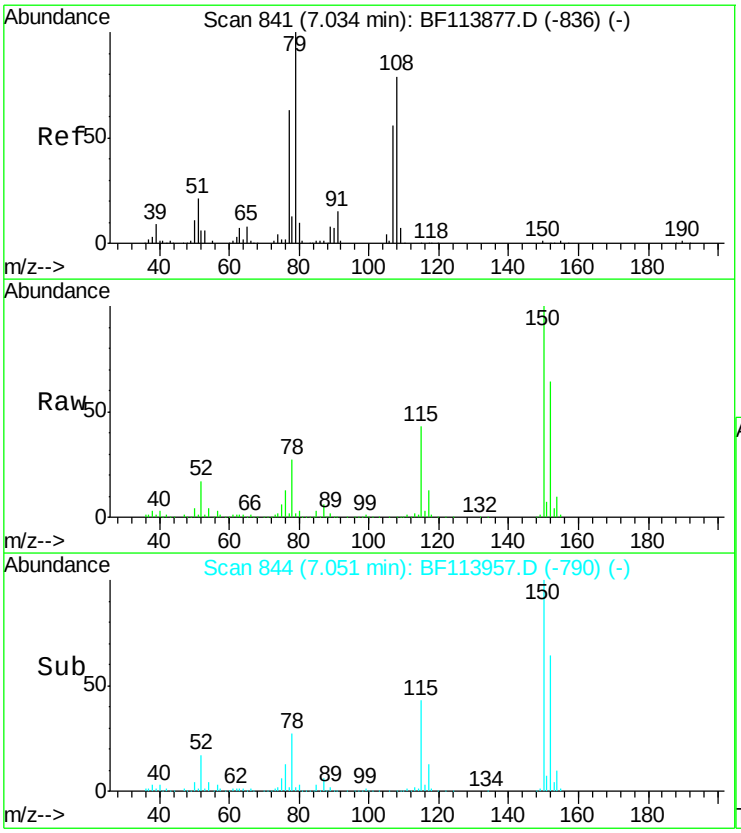
#11
bis(2-Chloroethyl)ether
Concen: 0.110 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.04 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 1004

Ion	Ratio	Lower	Upper
93	100		
63	704.0	50.7	90.7#
95	359.7	12.3	52.3#

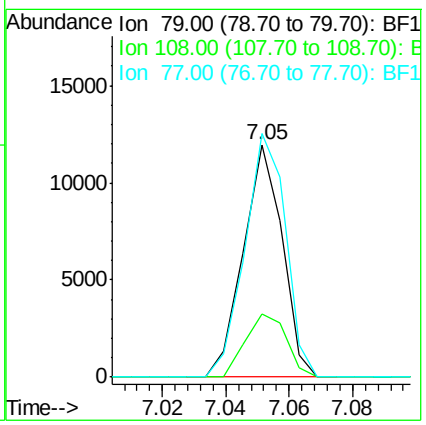


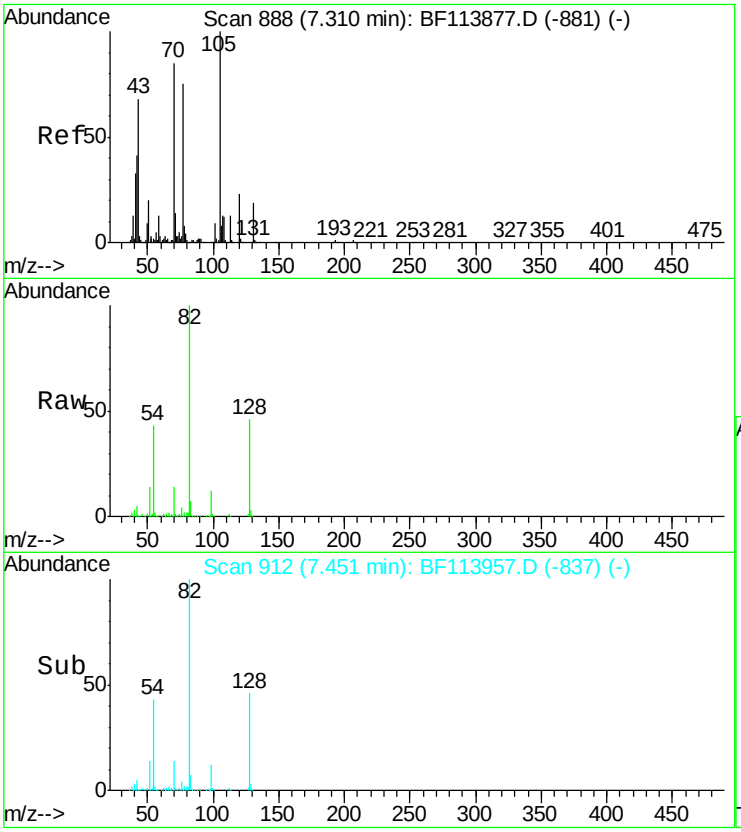


#15
Benzyl Alcohol
Concen: 1.491 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.02 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Tgt Ion: 79 Resp: 10147

Ion	Ratio	Lower	Upper
79	100		
108	27.4	61.4	92.0#
77	104.7	51.6	77.4#



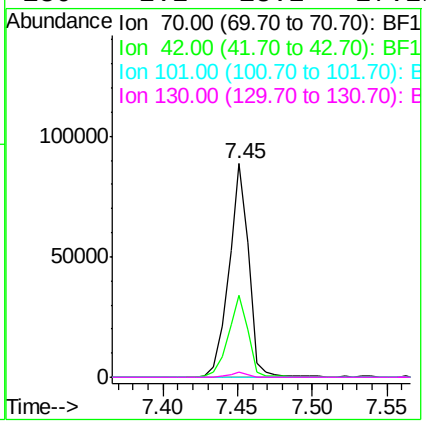


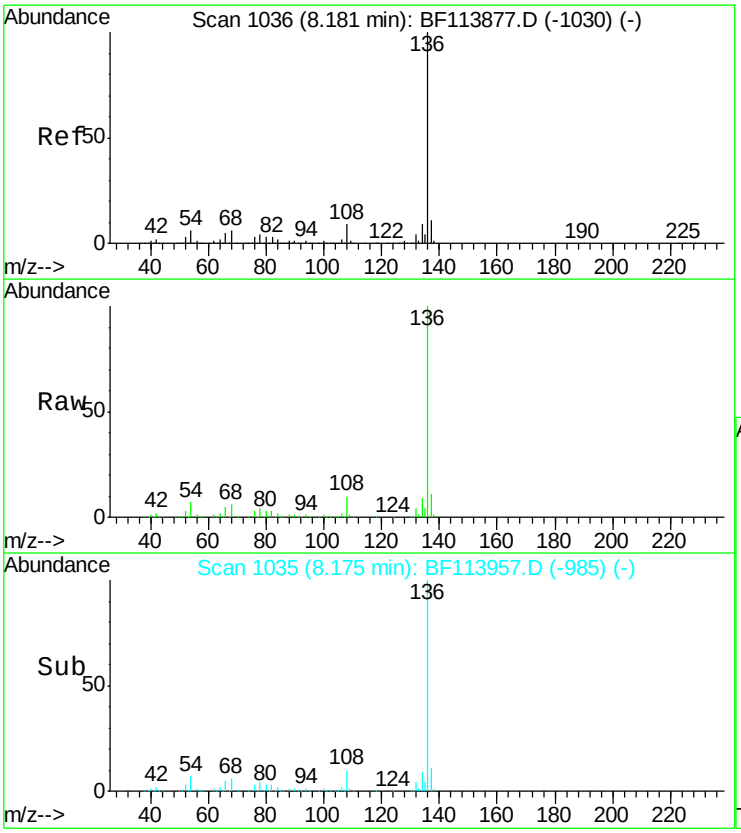
#19
n-Nitroso-di-n-propylamine
Concen: 12.636 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 82685

Ion	Ratio	Lower	Upper
70	100		
42	38.4	37.3	55.9
101	0.0	7.8	11.8#
130	2.2	18.2	27.2#

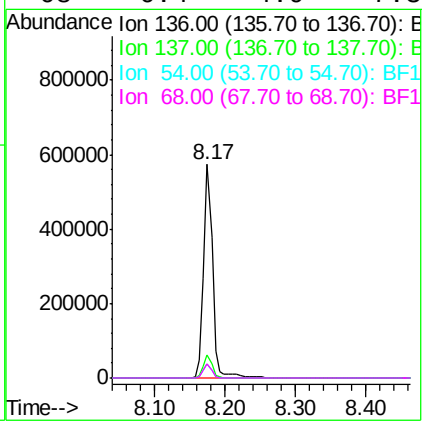


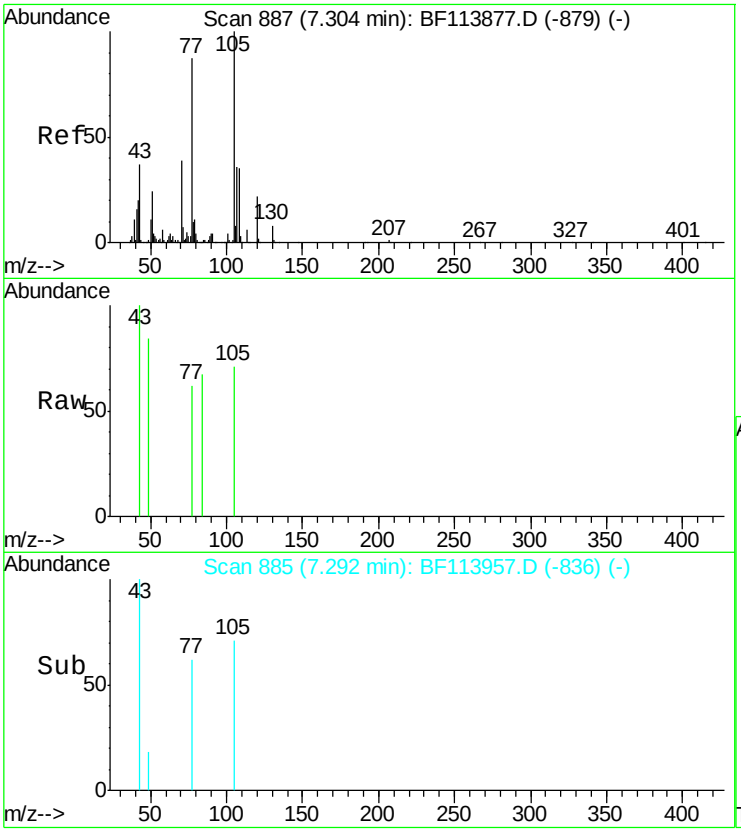


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Tgt Ion:136 Resp: 505710

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	6.6	5.0	7.6
68	6.4	4.9	7.3



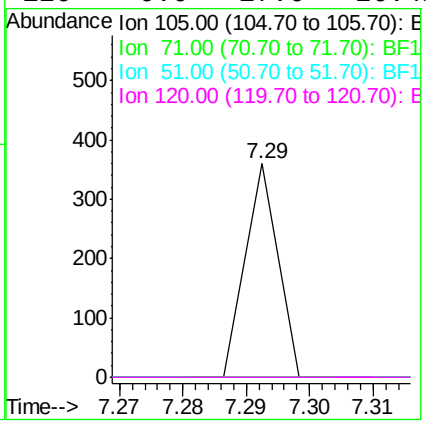


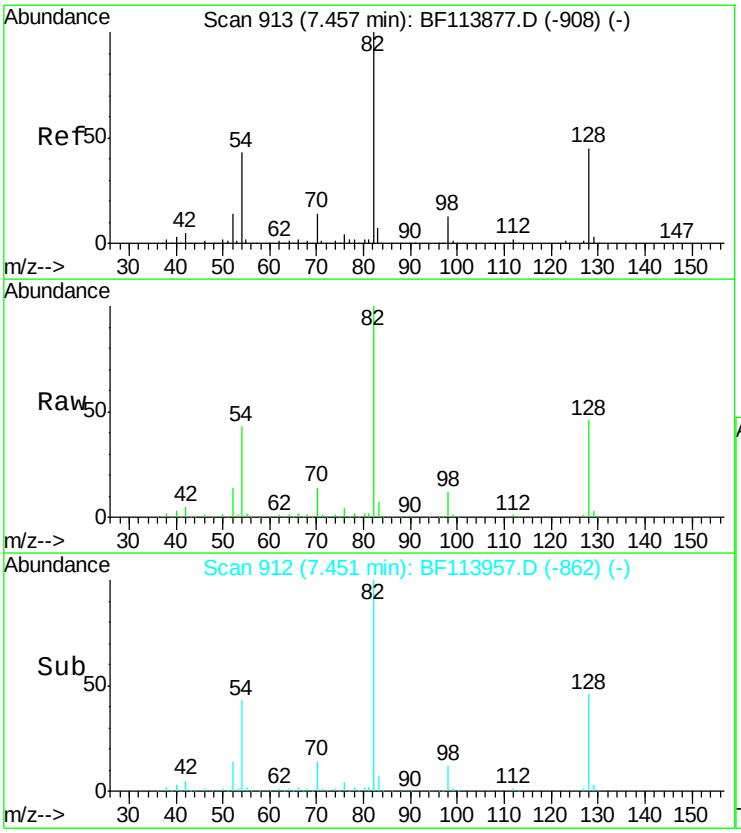
#22
Acetophenone
Concen: 0.011 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 127

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#

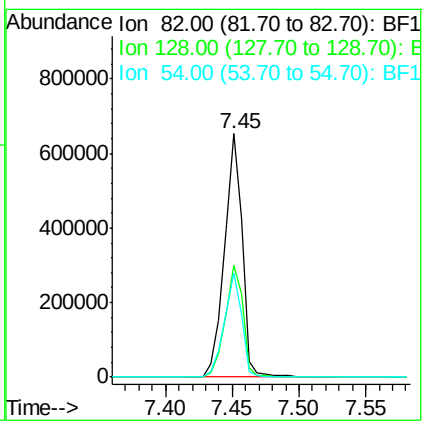


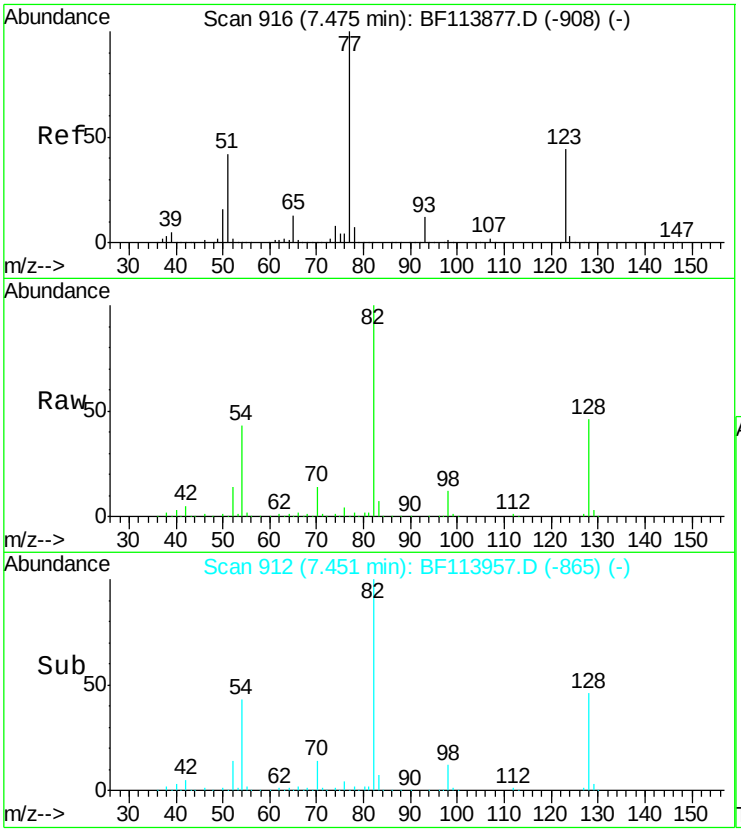


#23
Nitrobenzene-d5
Concen: 75.276 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Tgt Ion: 82 Resp: 616545

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.8	55.2
54	42.8	33.8	50.6



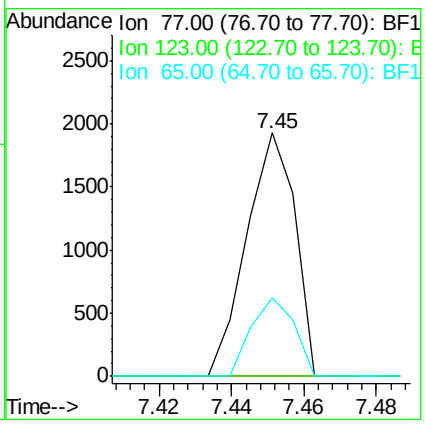


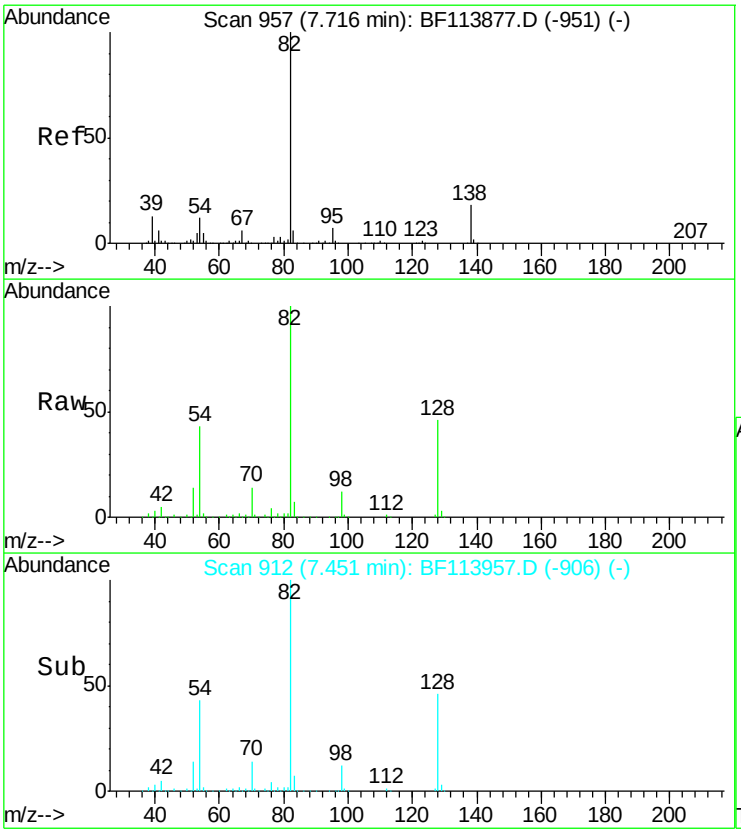
#24
Nitrobenzene
Concen: 0.199 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 1802

Ion	Ratio	Lower	Upper
77	100		
123	0.0	36.3	54.5#
65	32.1	10.3	15.5#

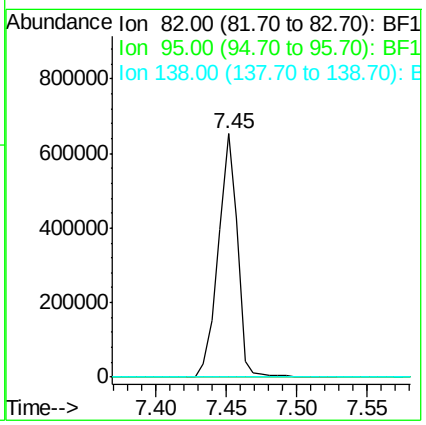


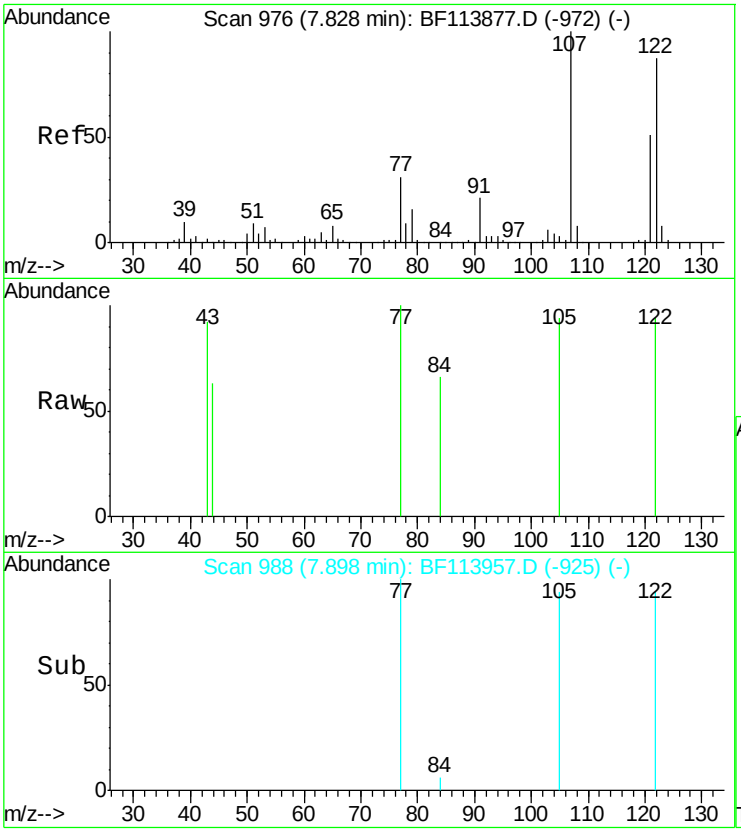


#25
Isophorone
Concen: 36.788 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Tgt Ion: 82 Resp: 616534

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



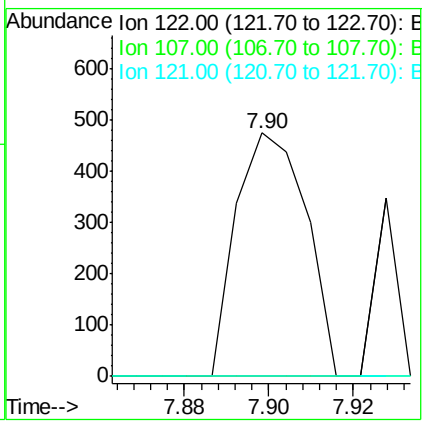


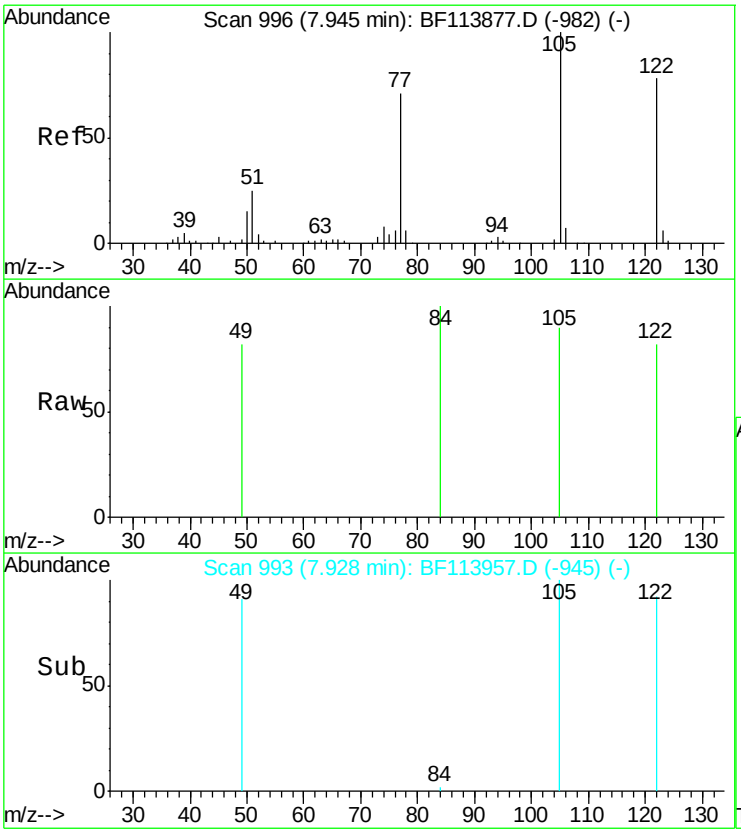
#27
2,4-Dimethylphenol
Concen: 0.081 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.07 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 547

Ion	Ratio	Lower	Upper
122	100		
107	0.0	91.2	136.8#
121	0.0	46.4	69.6#

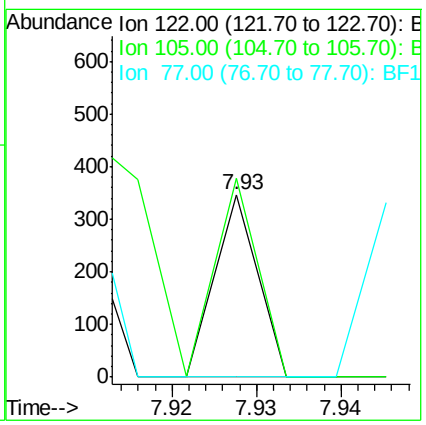


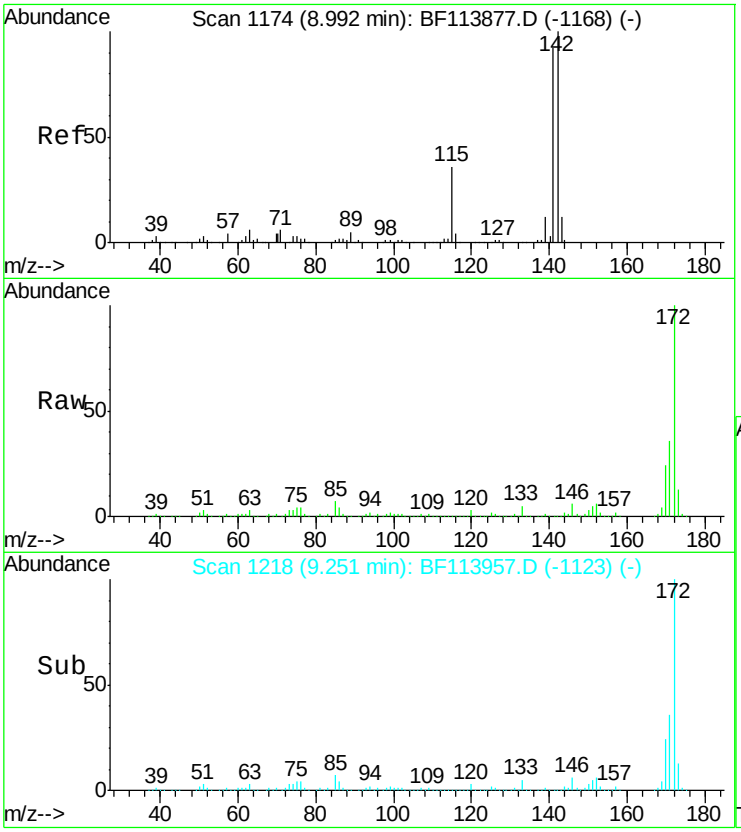


#32
Benzoic acid
Concen: 0.027 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Tgt Ion:122 Resp: 122

Ion	Ratio	Lower	Upper
122	100		
105	108.9	104.3	144.3
77	0.0	70.4	110.4#



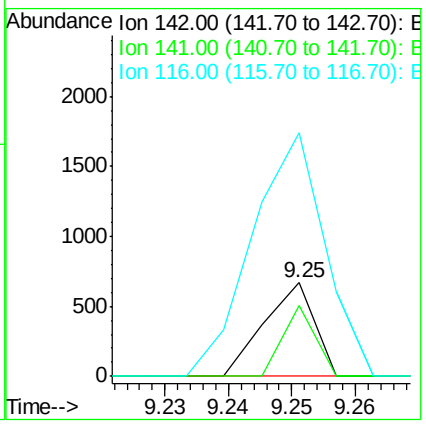


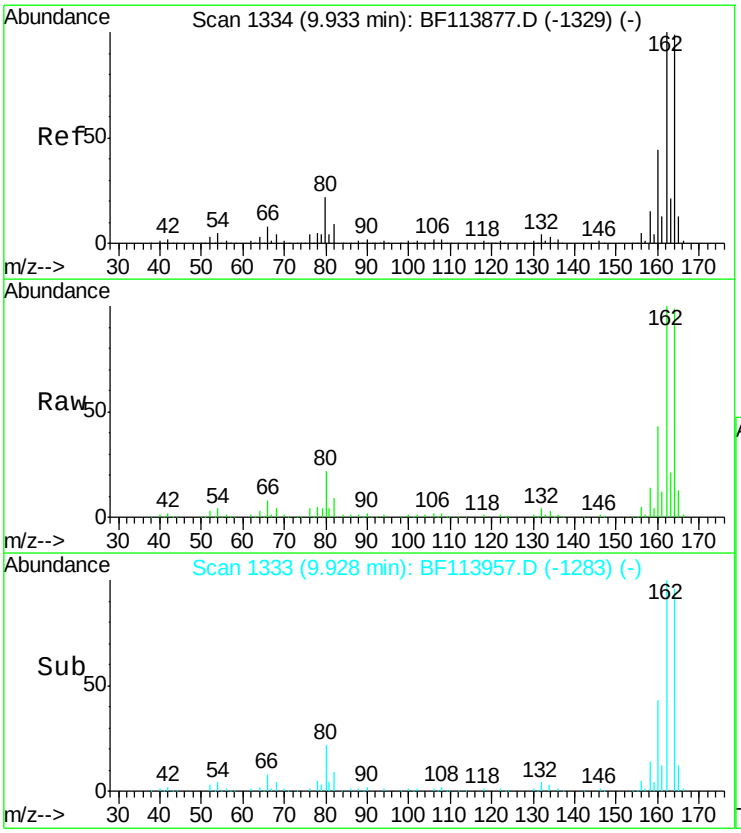
#38
1-Methylnaphthalene
Concen: 0.024 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.26 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 368

Ion	Ratio	Lower	Upper
142	100		
141	74.9	72.3	108.5
116	259.9	3.0	4.4#

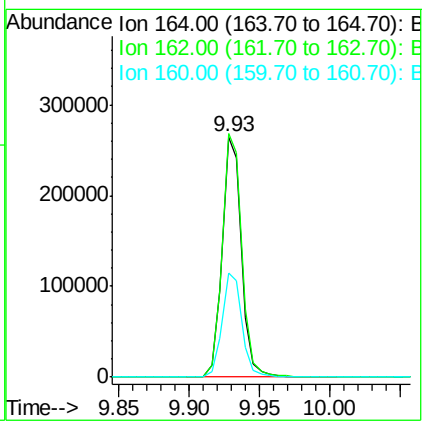


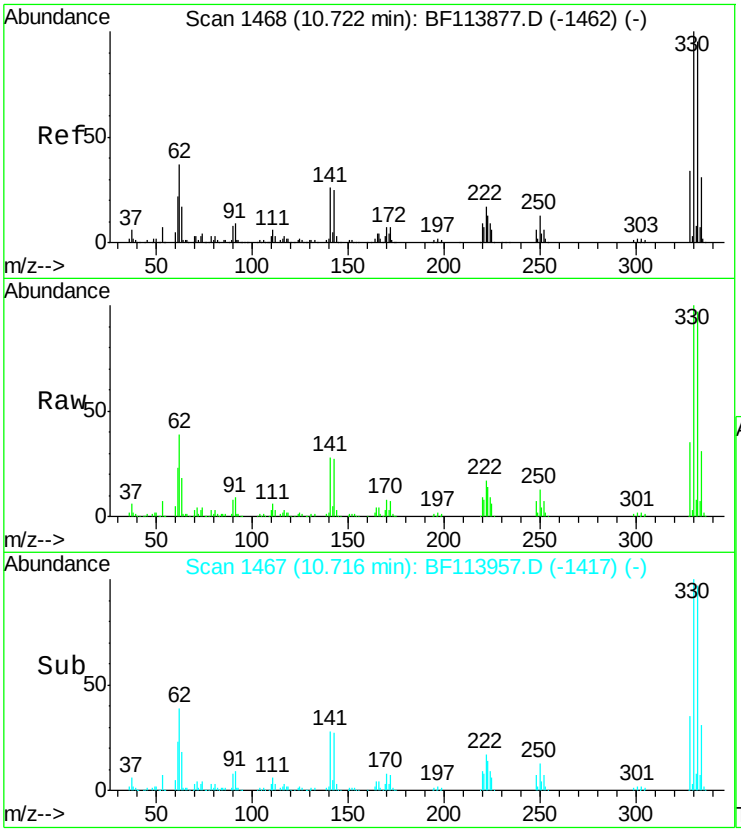


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Tgt Ion:164 Resp: 249702

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.1	121.7
160	43.2	35.8	53.6



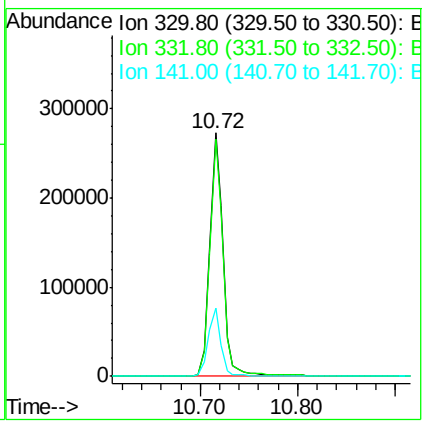


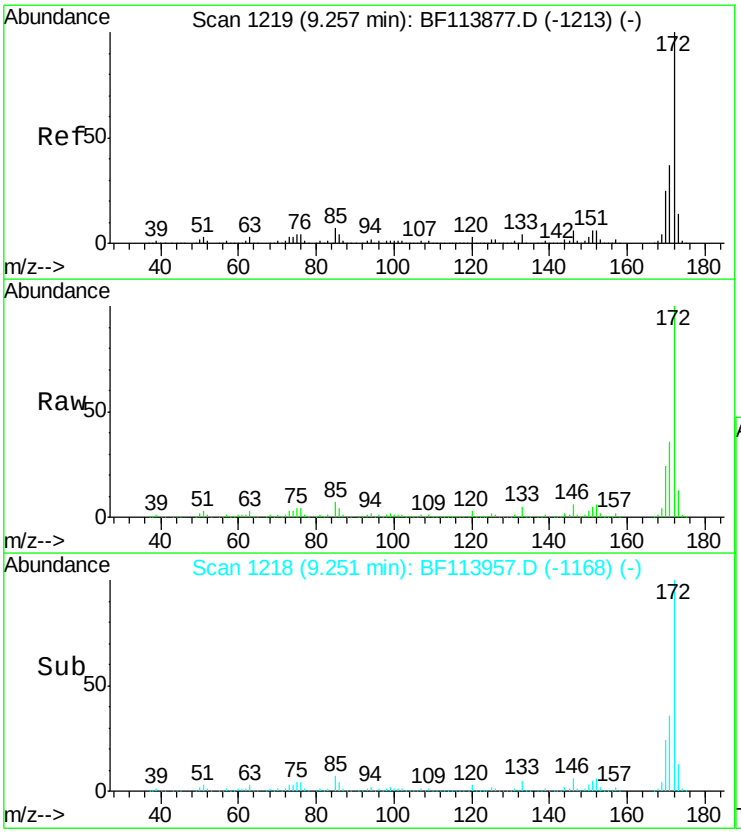
#42
2,4,6-Tribromophenol
Concen: 85.060 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 258742

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.5	116.3
141	26.9	22.2	33.2

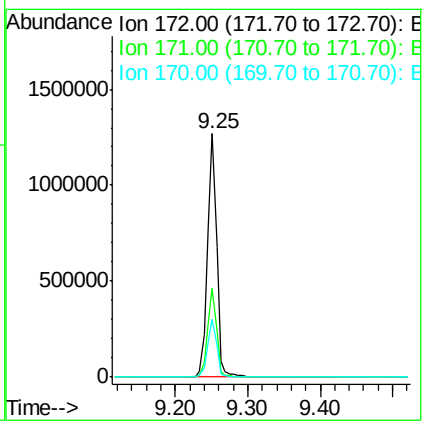


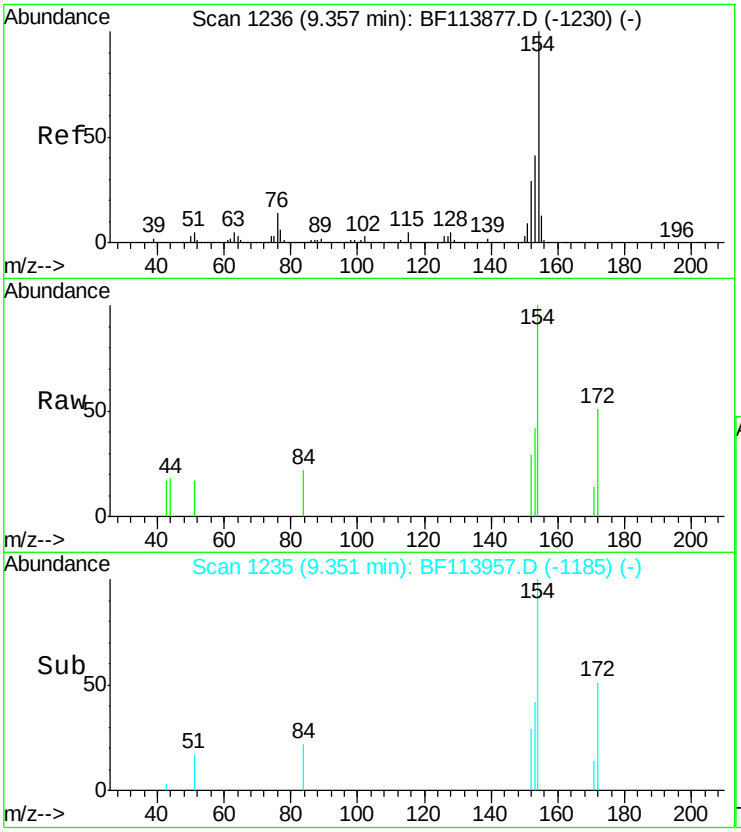


#45
2-Fluorobiphenyl
Concen: 70.185 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Tgt Ion:172 Resp: 1120533

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.0	19.9	29.9



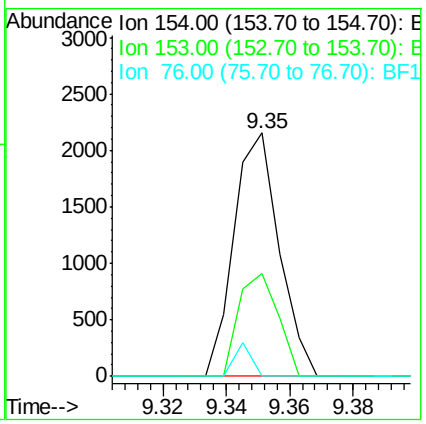


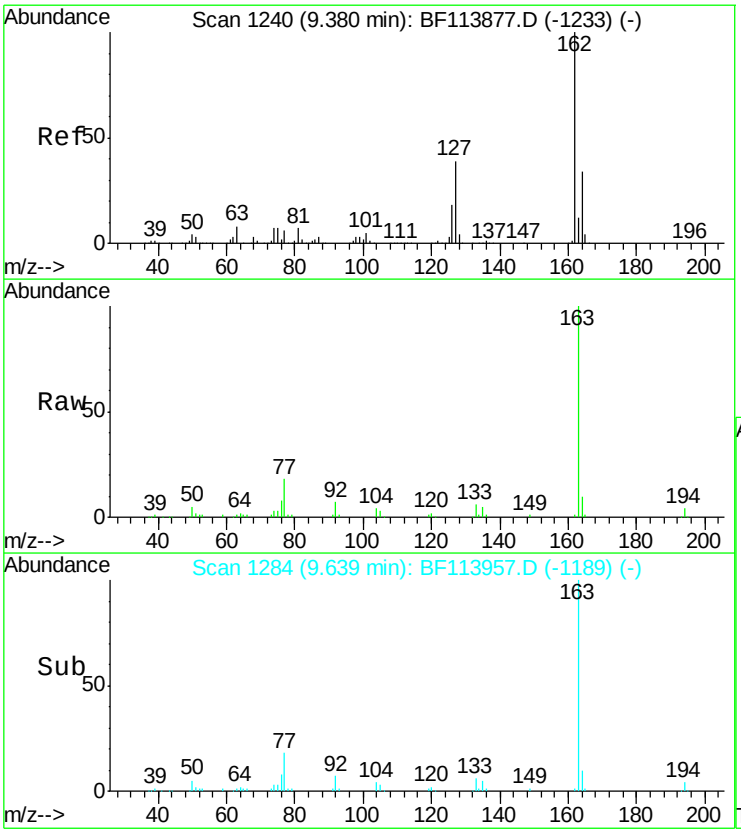
#46
1,1'-Biphenyl
Concen: 0.111 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 2126

Ion	Ratio	Lower	Upper
154	100		
153	42.3	20.8	60.8
76	0.0	0.0	35.2

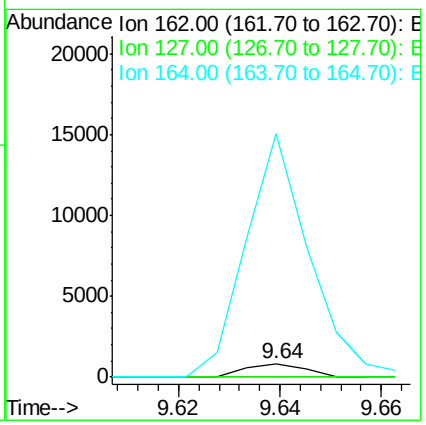


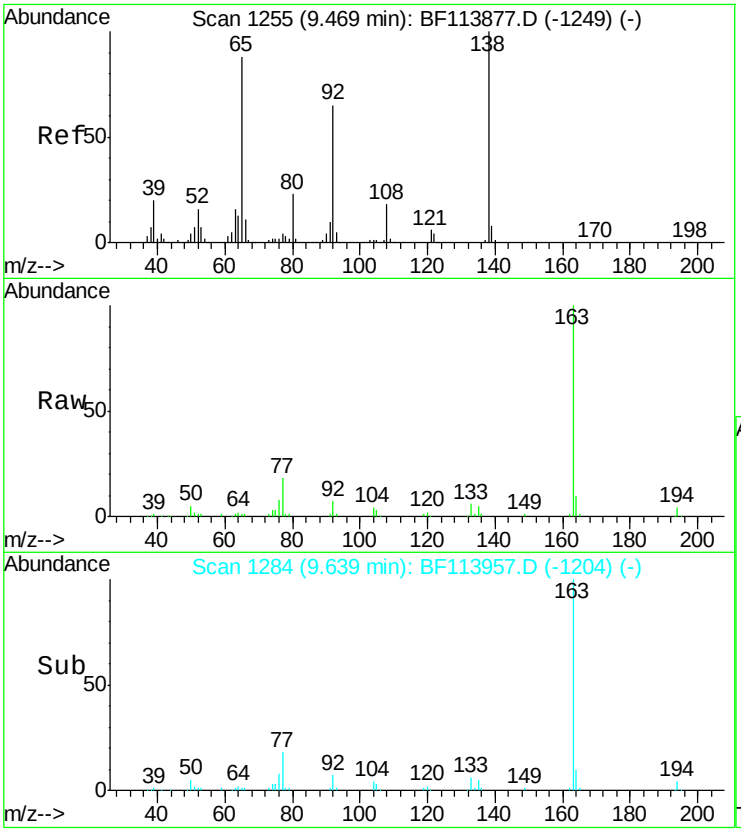


#47
2-Chloronaphthalene
Concen: 0.044 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.26 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Tgt Ion:162 Resp: 679

Ion	Ratio	Lower	Upper
162	100		
127	0.0	29.3	43.9#
164	1766.0	27.1	40.7#



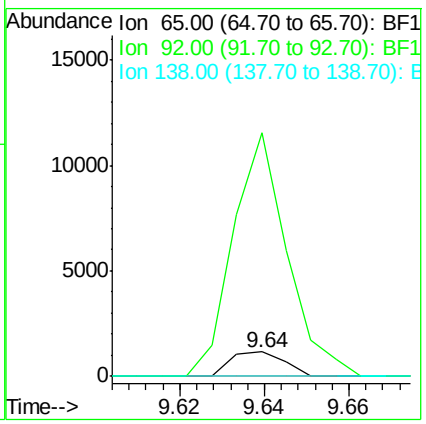


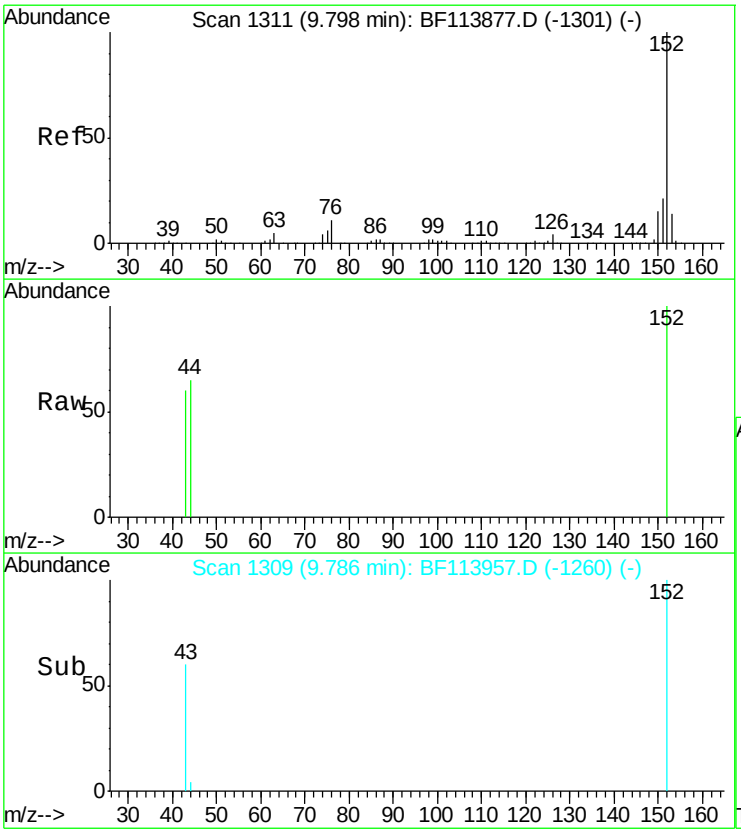
#48
2-Nitroaniline
Concen: 0.251 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.17 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 1022

Ion	Ratio	Lower	Upper
65	100		
92	1003.2	57.4	86.0#
138	0.0	85.4	128.0#

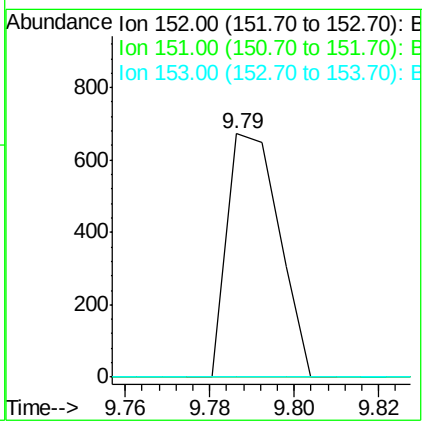


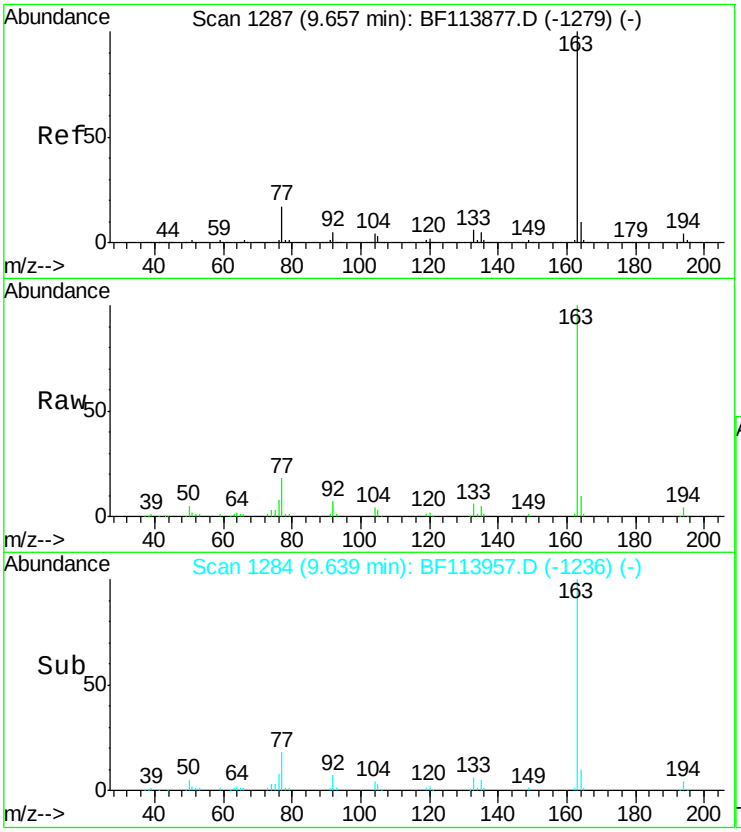


#49
Acenaphthylene
Concen: 0.024 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Tgt Ion:152 Resp: 575

Ion	Ratio	Lower	Upper
152	100		
151	0.0	17.0	25.4#
153	0.0	11.0	16.6#



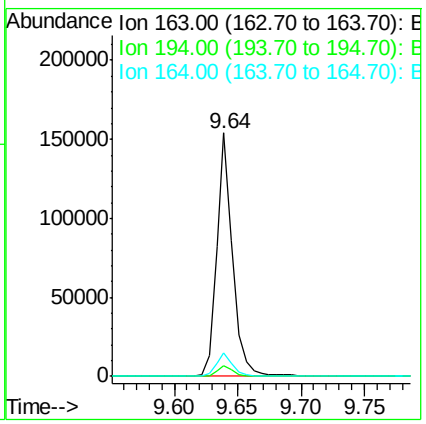


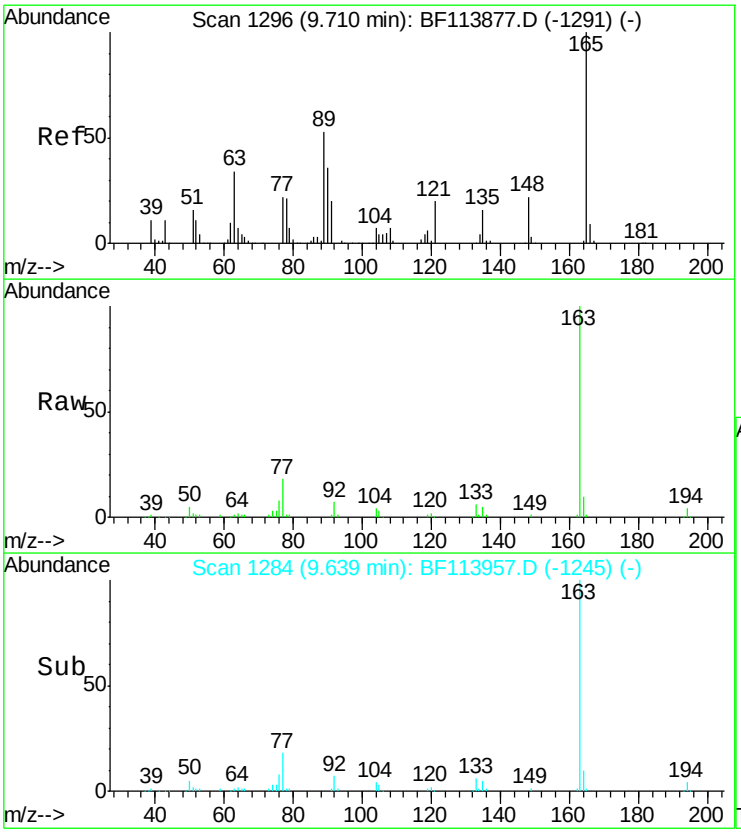
#50
Dimethylphthalate
Concen: 7.498 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 135398

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.8	8.5	12.7

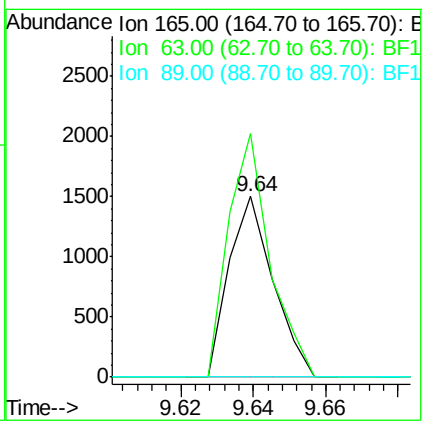


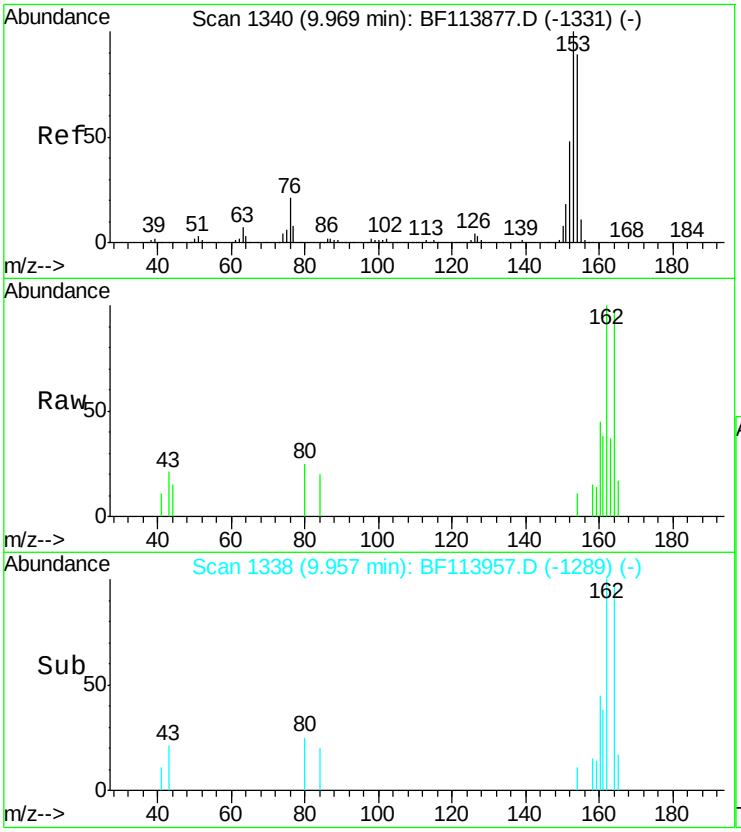


#51
2,6-Dinitrotoluene
Concen: 0.328 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.07 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Tgt Ion:165 Resp: 1272

Ion	Ratio	Lower	Upper
165	100		
63	134.9	33.8	50.8#
89	0.0	38.2	57.2#



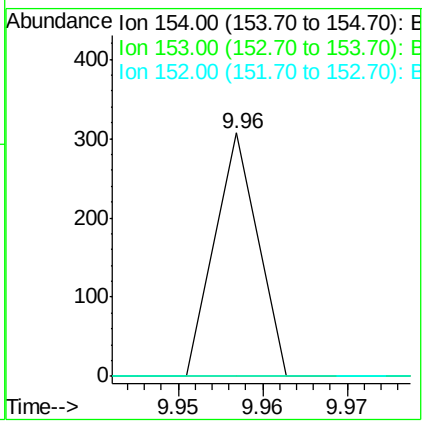


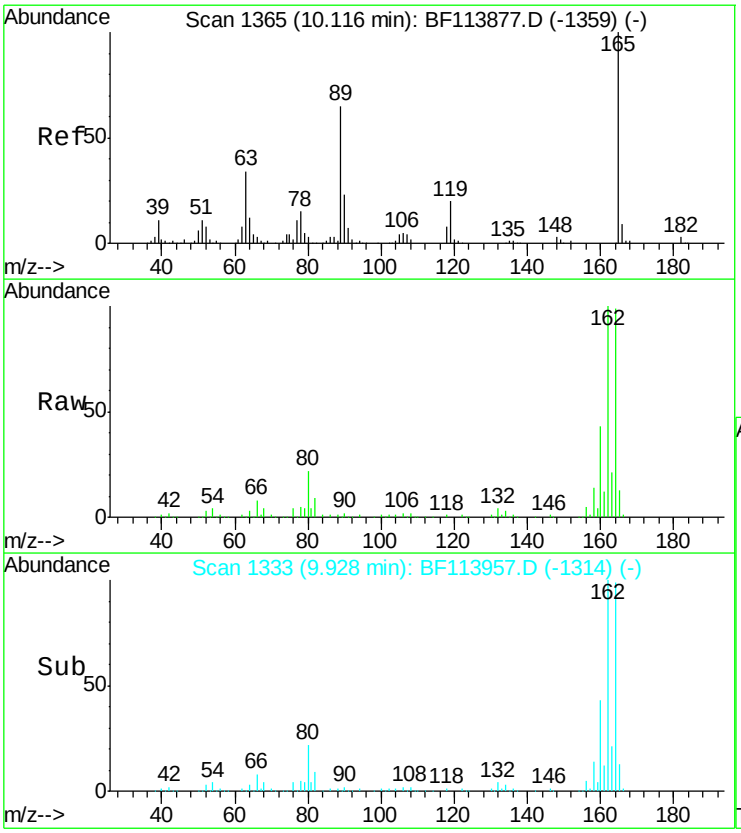
#52
Acenaphthene
Concen: 0.008 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 108

Ion	Ratio	Lower	Upper
154	100		
153	0.0	87.2	130.8#
152	0.0	42.3	63.5#

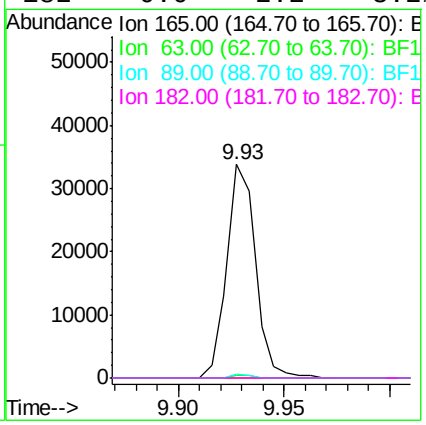


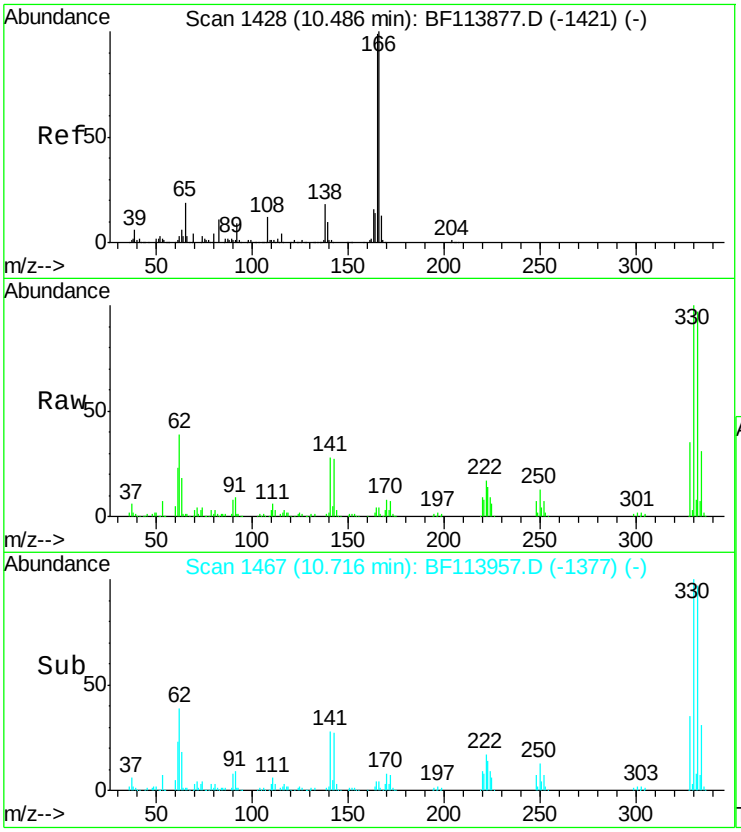


#57
2,4-Dinitrotoluene
Concen: 6.499 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Tgt Ion:165 Resp: 31782

Ion	Ratio	Lower	Upper
165	100		
63	1.0	27.4	41.0#
89	1.6	51.8	77.6#
182	0.0	2.2	3.2#



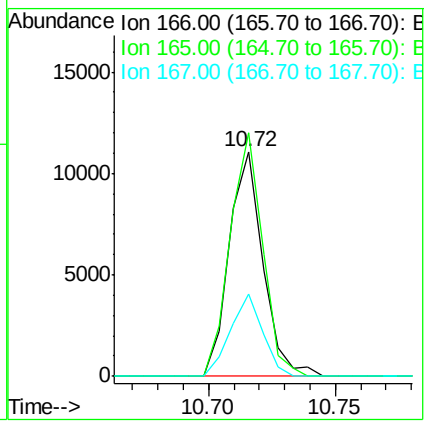


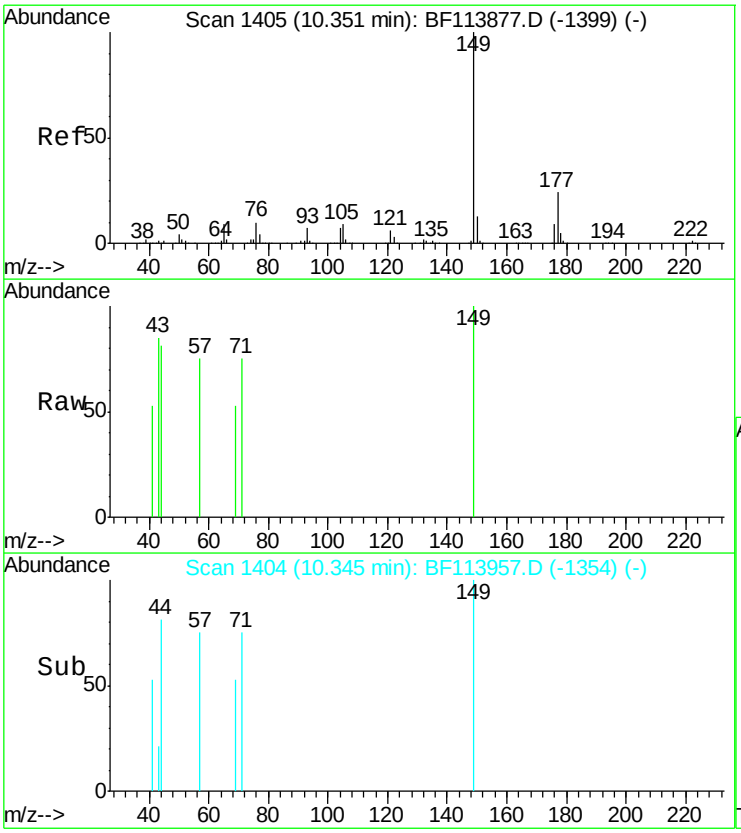
#58
Fluorene
Concen: 0.633 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.23 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 10250

Ion	Ratio	Lower	Upper
166	100		
165	108.3	78.4	117.6
167	36.4	10.9	16.3#

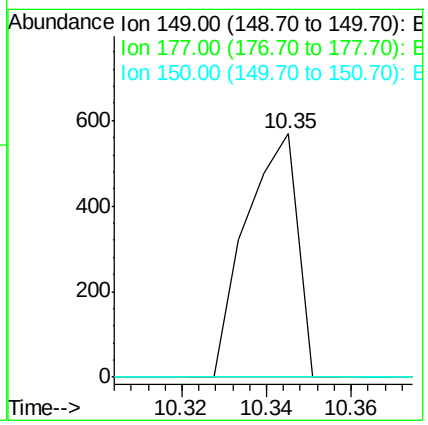


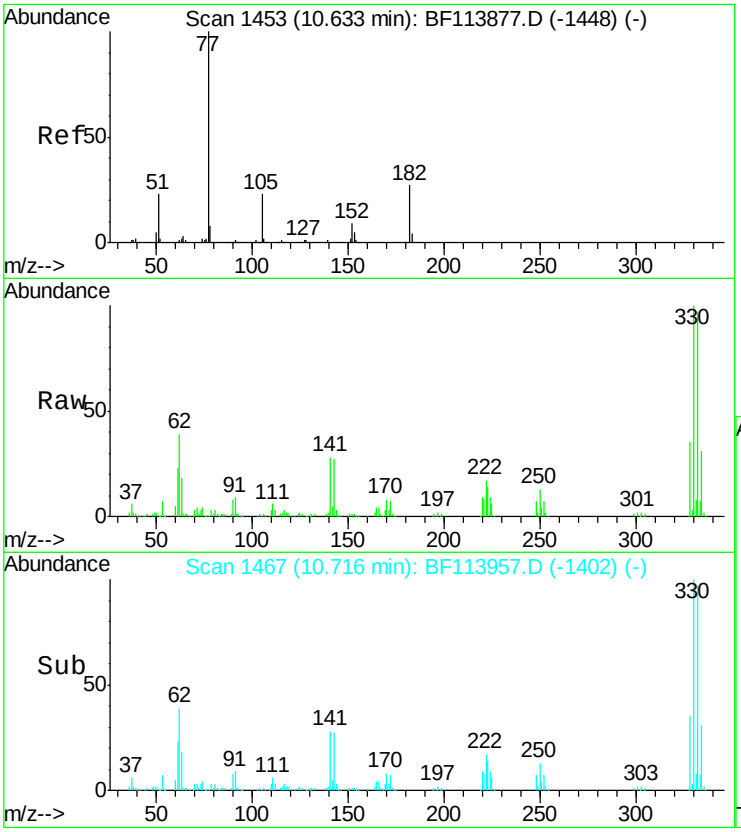


#60
Diethylphthalate
Concen: 0.028 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Tgt Ion:149 Resp: 482

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



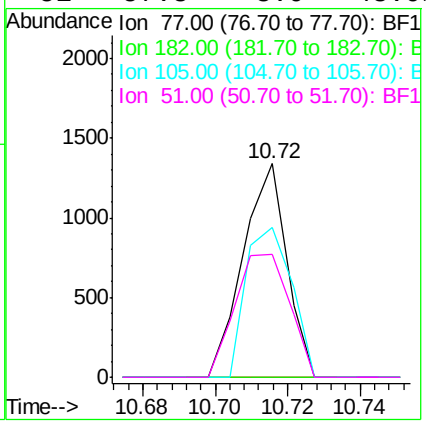


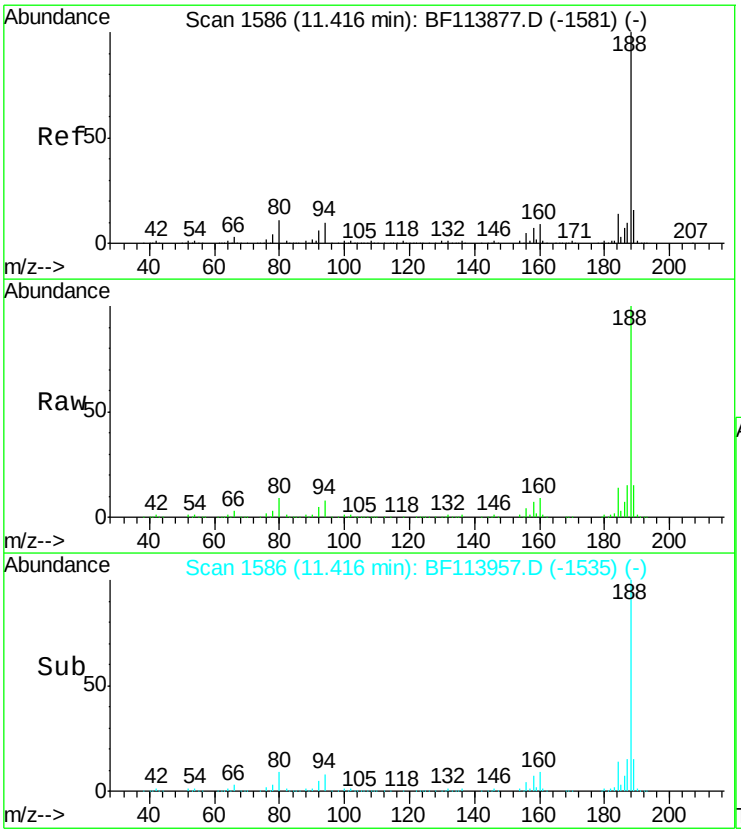
#63
Azobenzene
Concen: 0.067 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.08 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 1116

Ion	Ratio	Lower	Upper
77	100		
182	0.0	4.4	44.4#
105	70.1	2.2	42.2#
51	57.8	3.9	43.9#

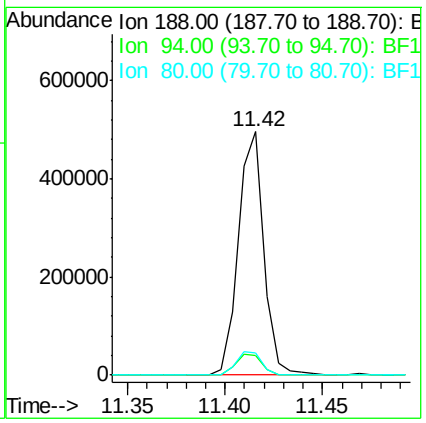


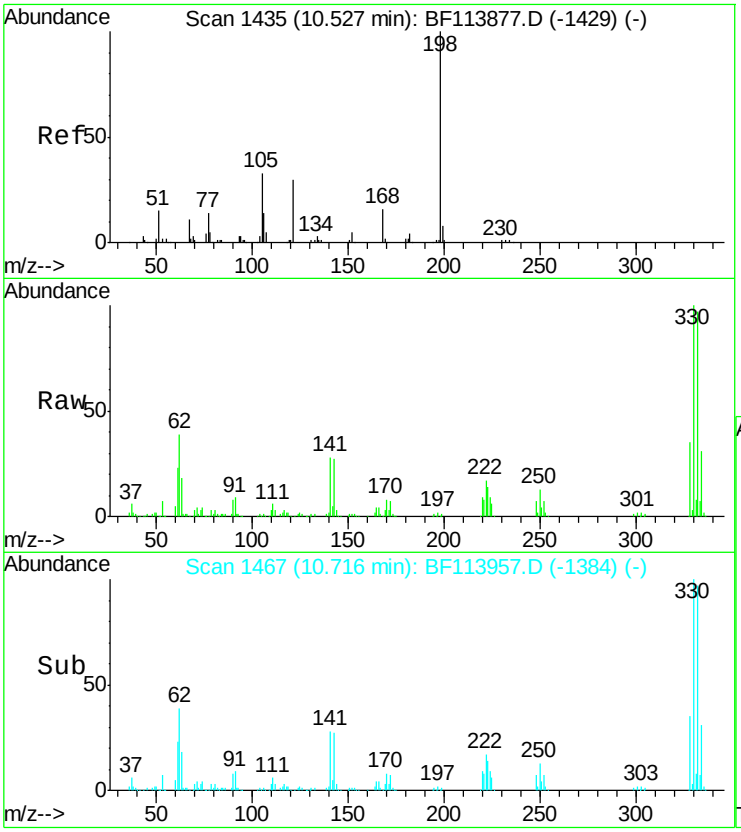


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Tgt Ion:188 Resp: 447388

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.2	12.4
80	9.1	9.0	13.6



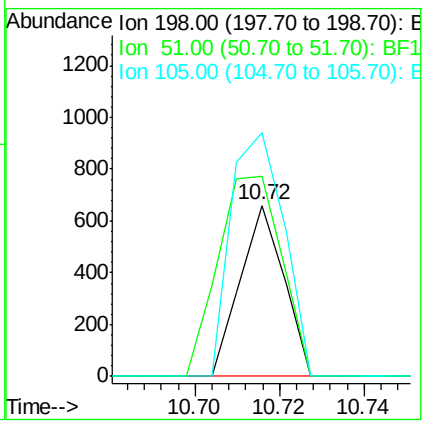


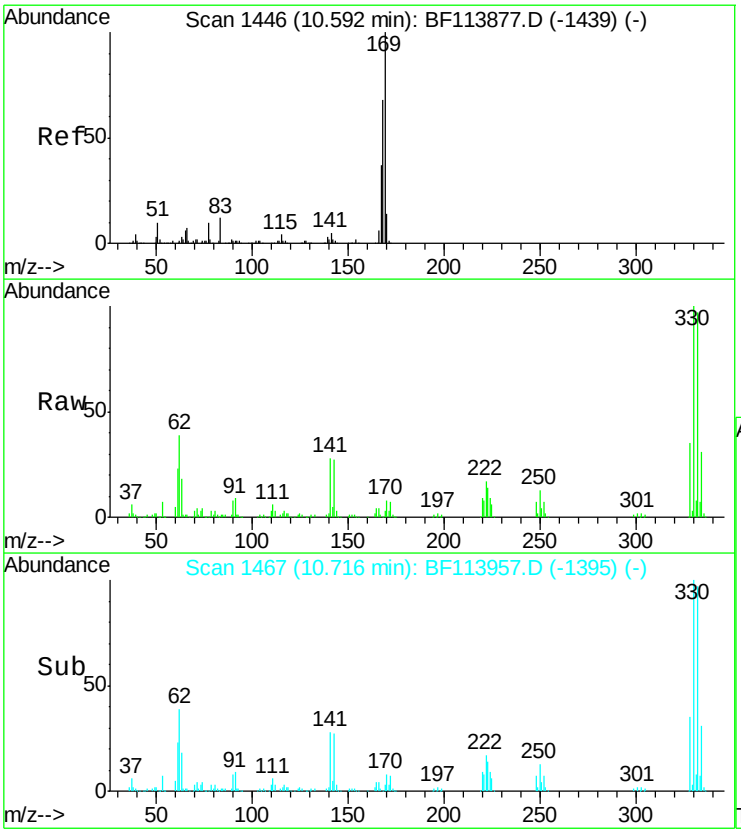
#65
4,6-Dinitro-2-methylphenol
Concen: 7.504 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.19 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 474

Ion	Ratio	Lower	Upper
198	100		
51	117.5	11.1	51.1#
105	142.6	20.7	60.7#

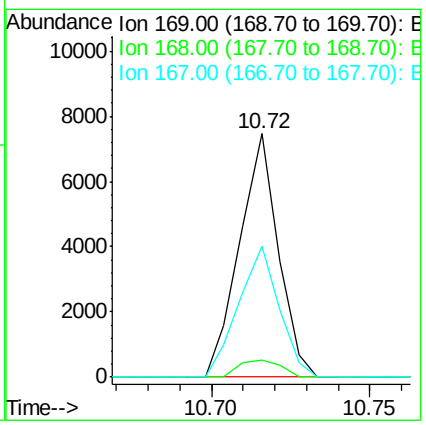


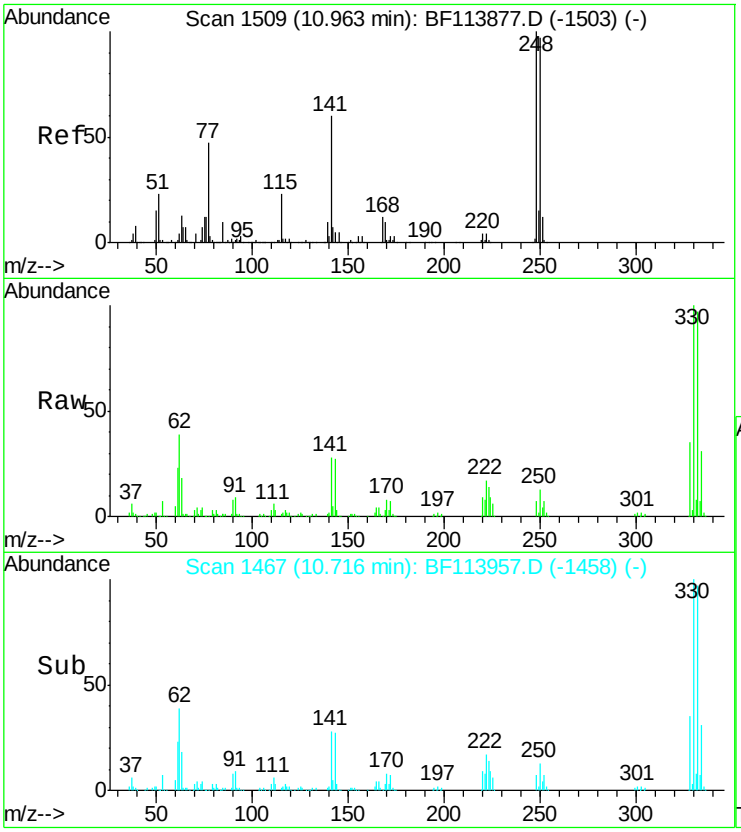


#66
n-Nitrosodiphenylamine
Concen: 0.472 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.12 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Tgt Ion:169 Resp: 6335

Ion	Ratio	Lower	Upper
169	100		
168	6.7	54.3	81.5#
167	54.0	29.4	44.0#



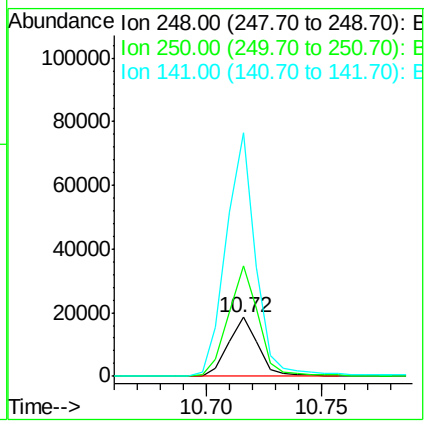


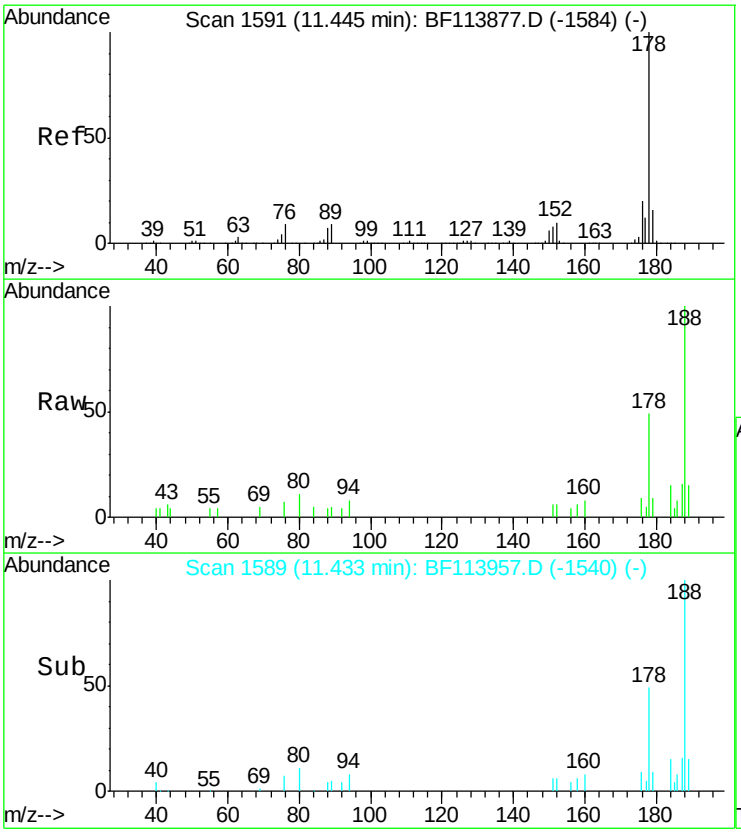
#67
4-Bromophenyl-phenylether
Concen: 3.033 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 16391

Ion	Ratio	Lower	Upper
248	100		
250	188.4	75.8	113.6#
141	413.7	50.2	75.4#

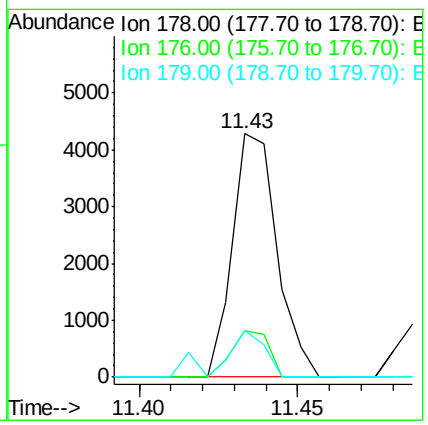


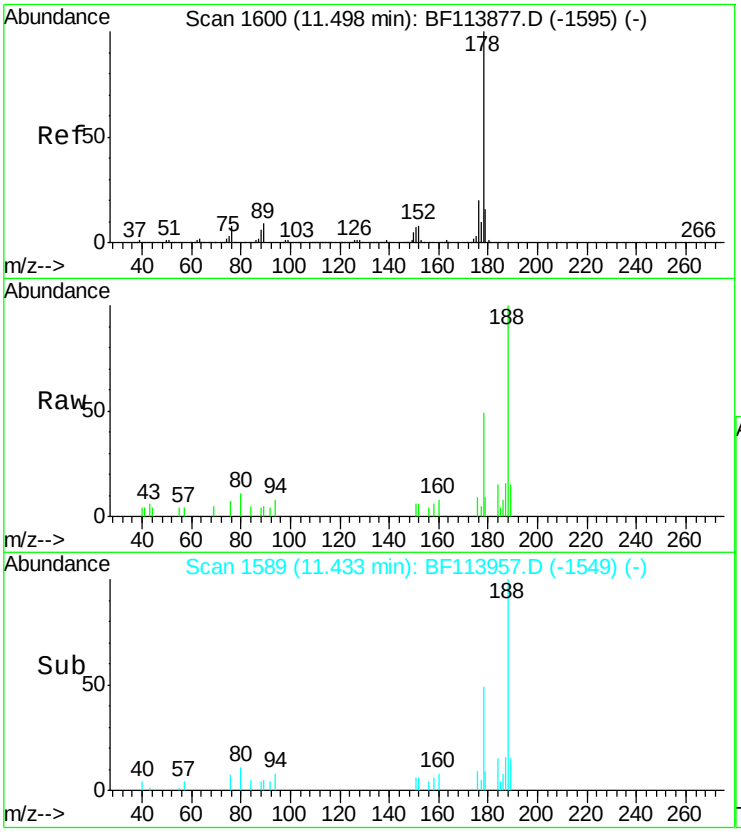


#71
Phenanthrene
Concen: 0.185 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Tgt Ion:178 Resp: 4150

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.1	24.1
179	19.3	12.8	19.2#



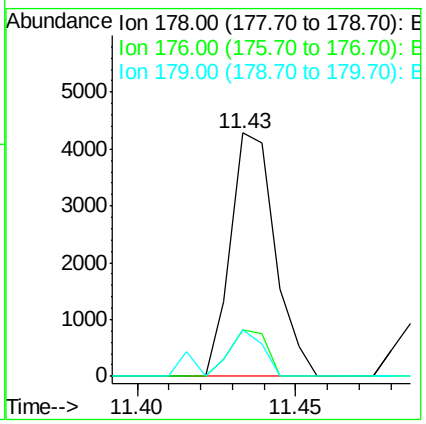


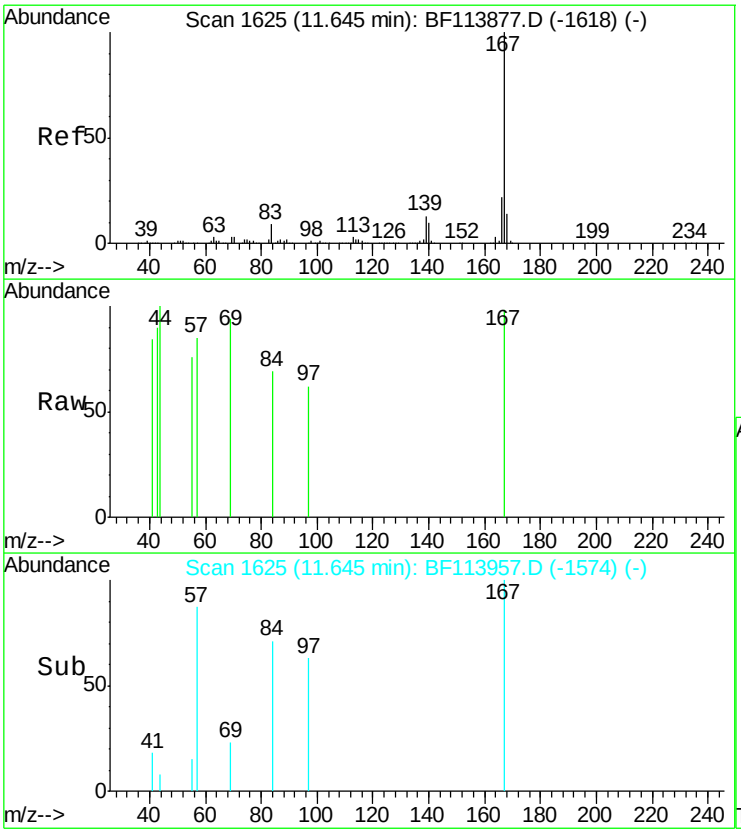
#72
Anthracene
Concen: 0.183 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.06 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 4150

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.7	23.5
179	19.3	13.0	19.4

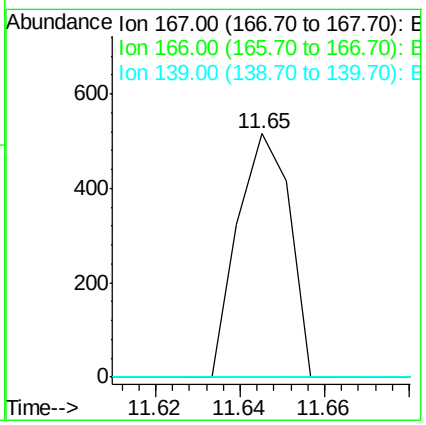


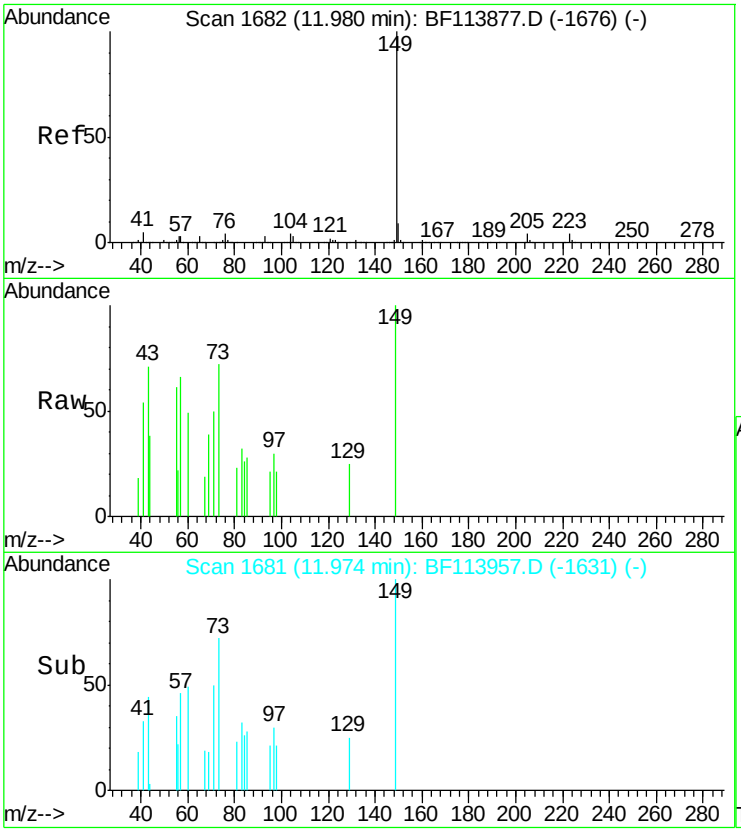


#73
Carbazole
Concen: 0.022 ng
RT: 11.65 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Tgt Ion:167 Resp: 444

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.7	26.5#
139	0.0	10.0	15.0#



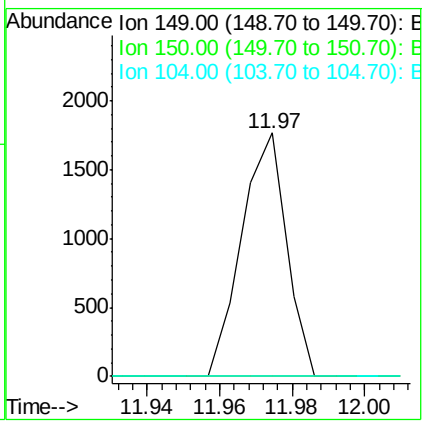


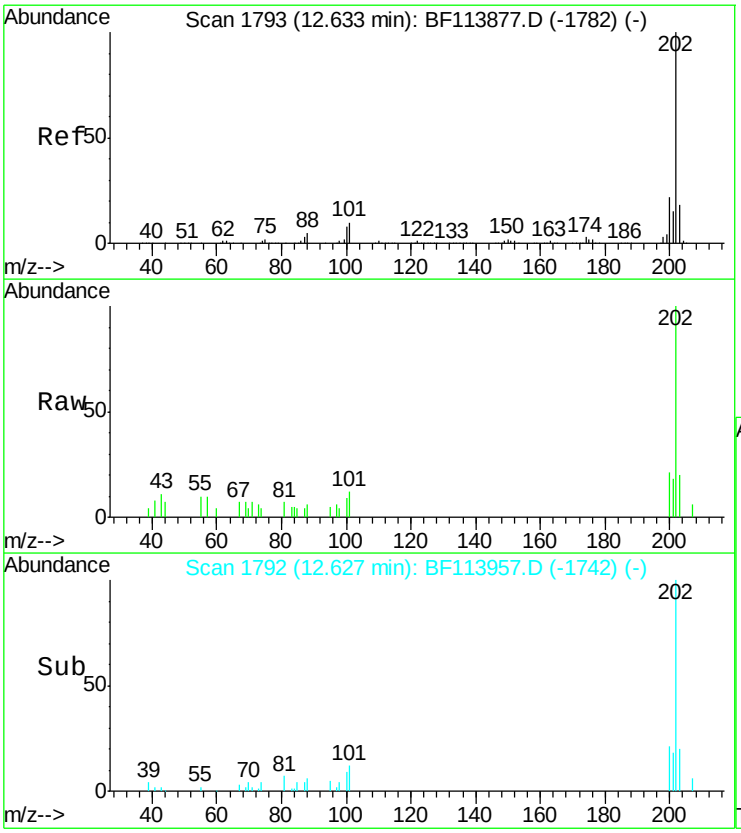
#74
Di-n-butylphthalate
Concen: 0.064 ng
RT: 11.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1514

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

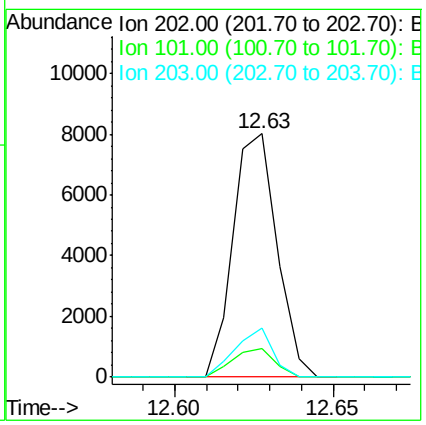


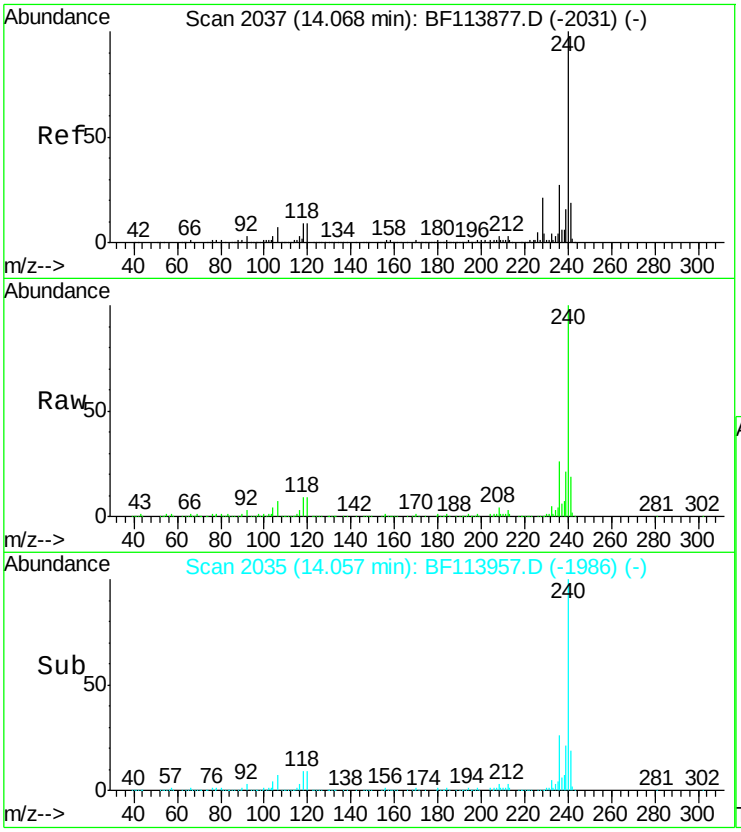


#75
Fluoranthene
Concen: 0.313 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Tgt Ion:202 Resp: 7667

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	32.9
203	20.2	0.0	38.2



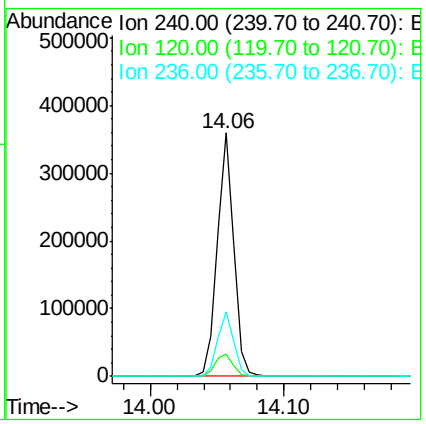


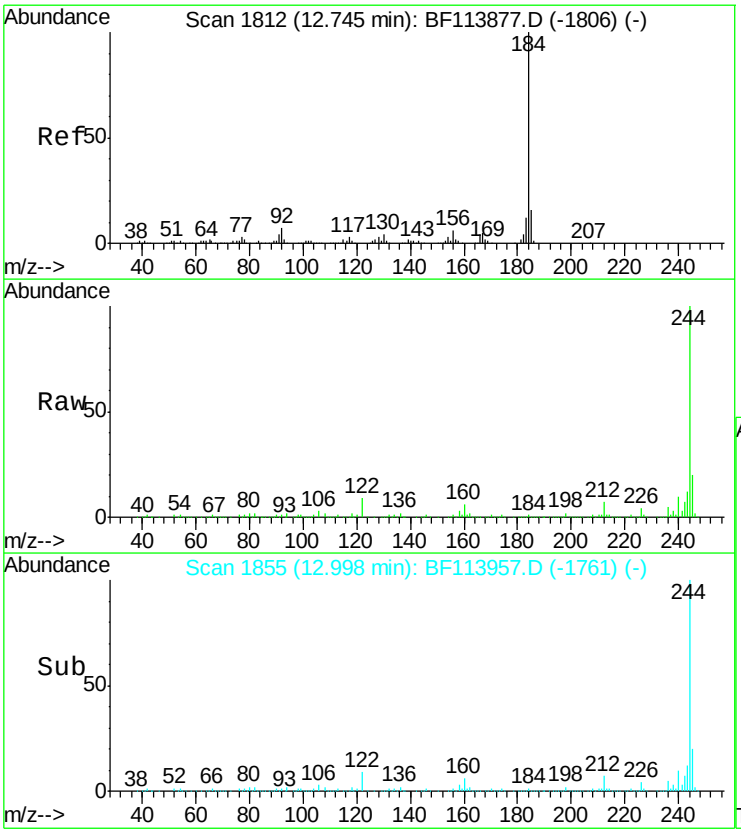
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 312860

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

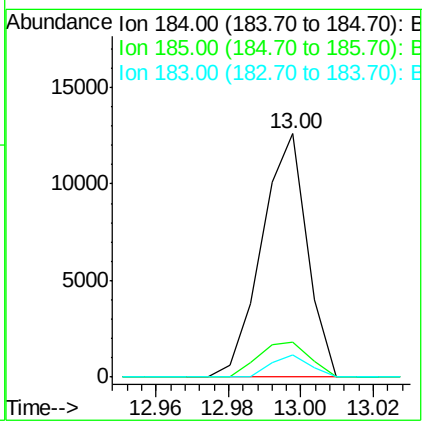


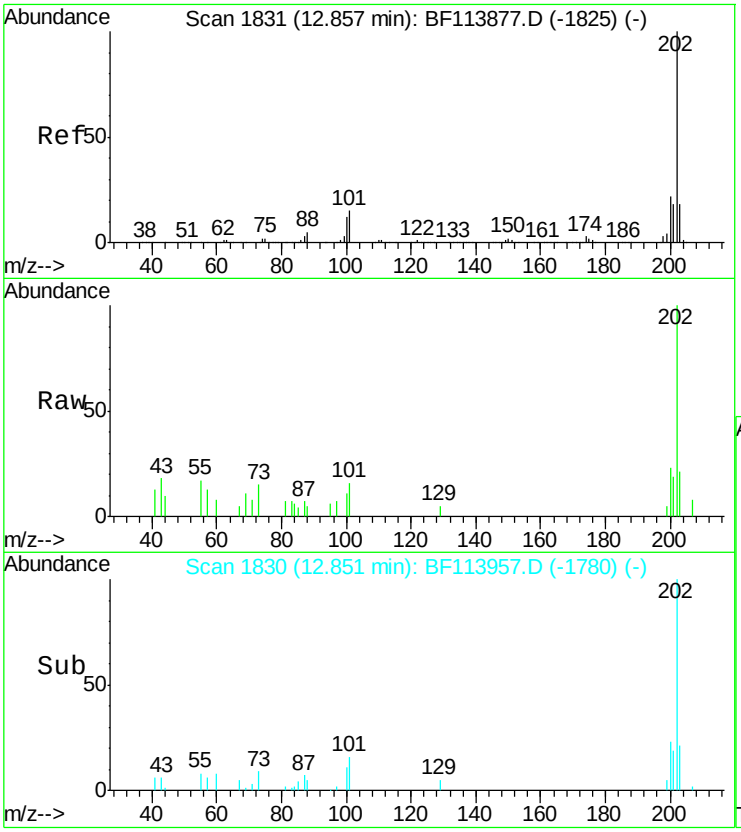


#77
Benzidine
Concen: 1.178 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.25 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Tgt Ion:184 Resp: 10979

Ion	Ratio	Lower	Upper
184	100		
185	14.3	13.0	19.6
183	9.3	9.4	14.0#



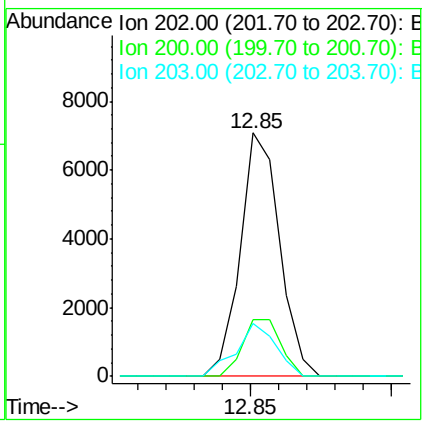


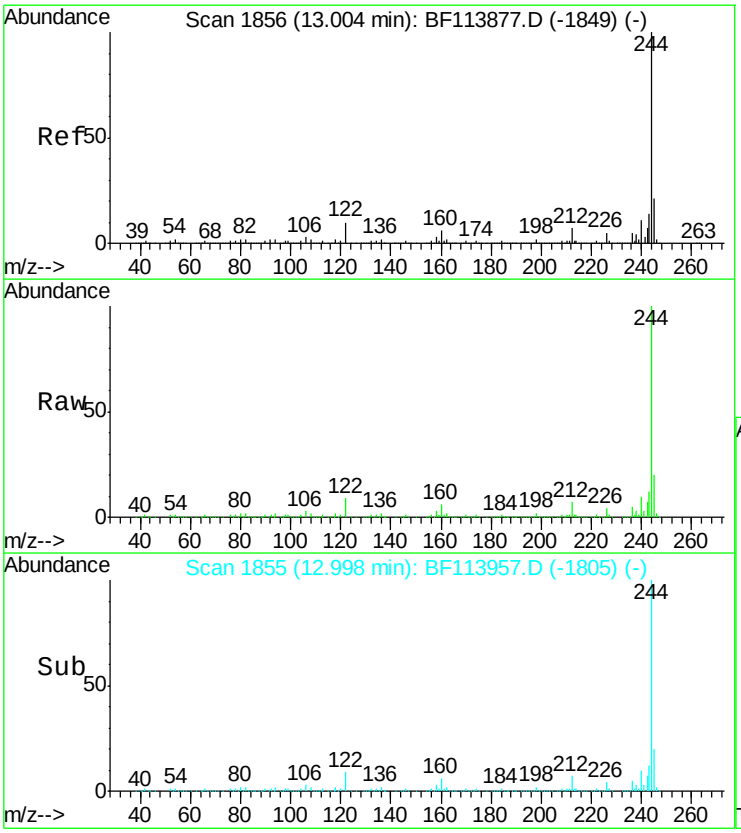
#78
Pyrene
Concen: 0.312 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 6834

Ion	Ratio	Lower	Upper
202	100		
200	23.3	17.7	26.5
203	21.5	15.0	22.6

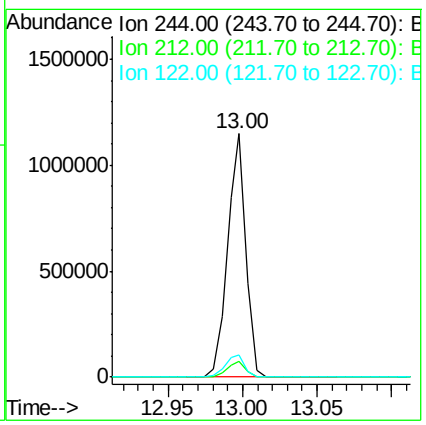


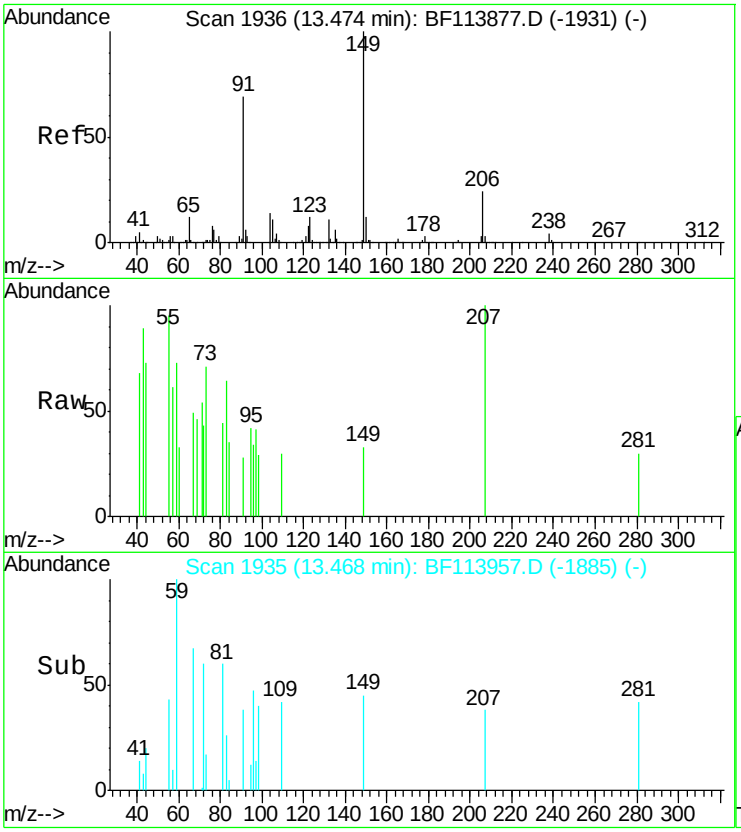


#79
Terphenyl-d14
Concen: 64.868 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Tgt Ion:244 Resp: 989916

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	9.4	7.6	11.4



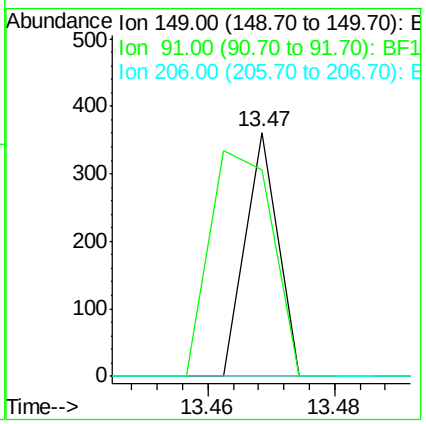


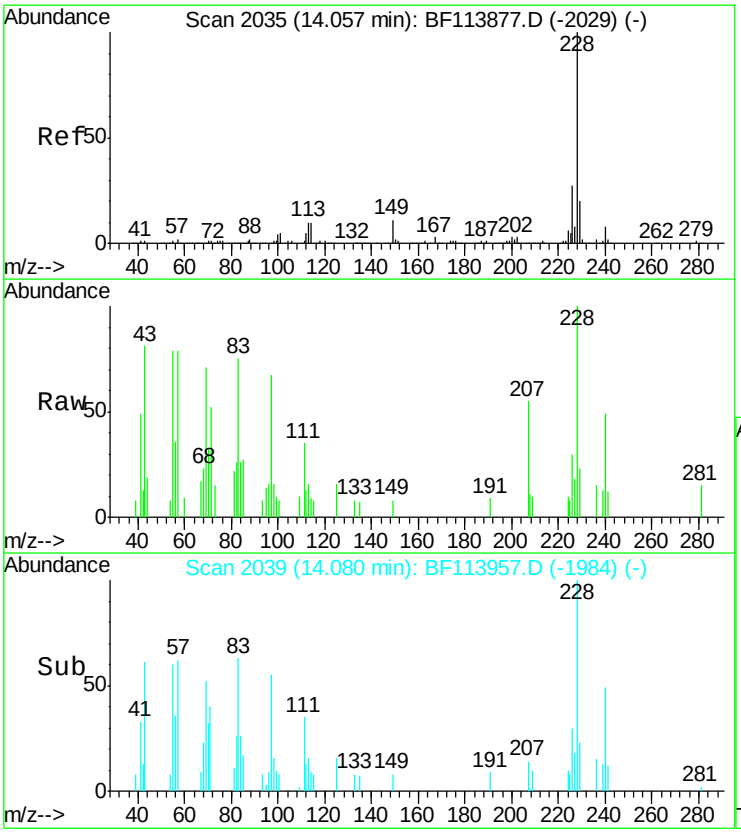
#80
Butylbenzylphthalate
Concen: 0.015 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 127

Ion	Ratio	Lower	Upper
149	100		
91	84.8	56.3	84.5#
206	0.0	19.0	28.6#

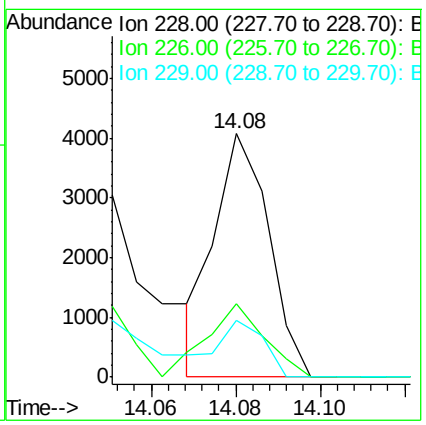


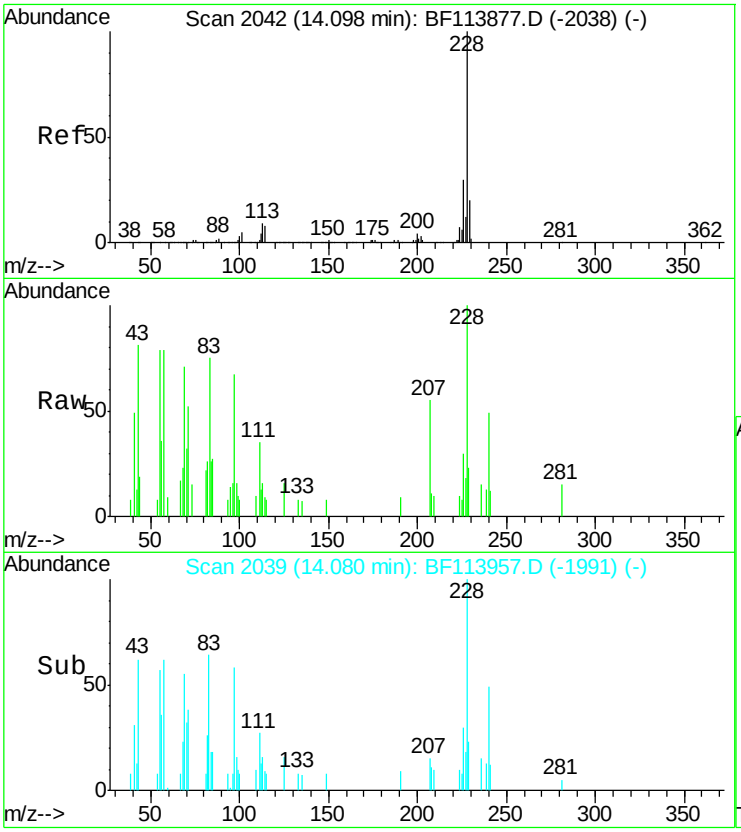


#81
Benzo(a)anthracene
Concen: 0.196 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.02 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Tgt Ion:228 Resp: 3614

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.2	33.2
229	23.1	16.0	24.0



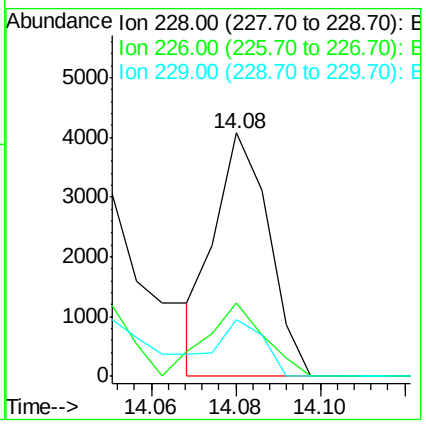


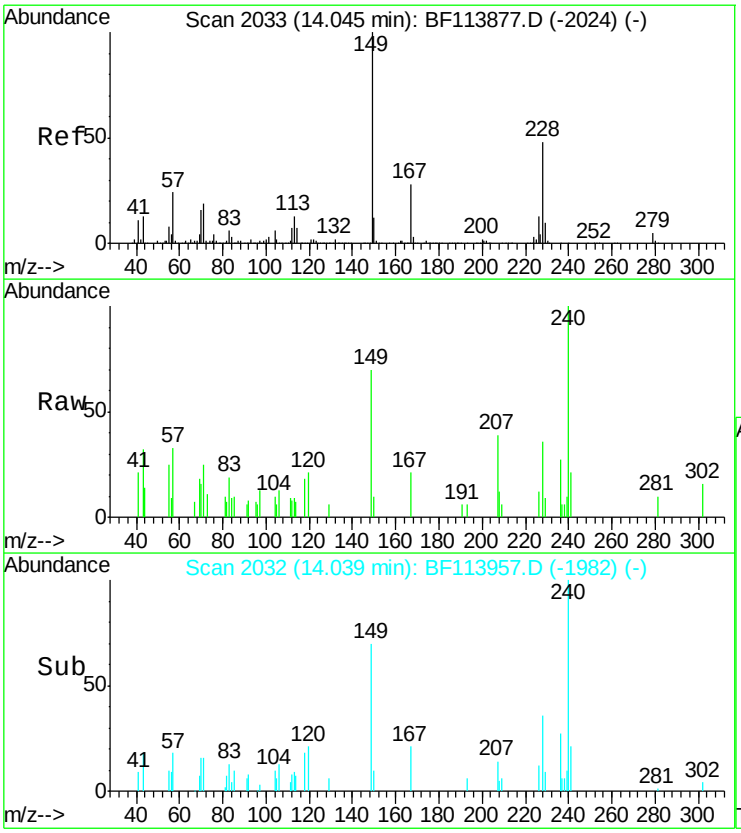
#83
Chrysene
Concen: 0.201 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.02 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 3614

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.2	37.8
229	23.1	16.7	25.1

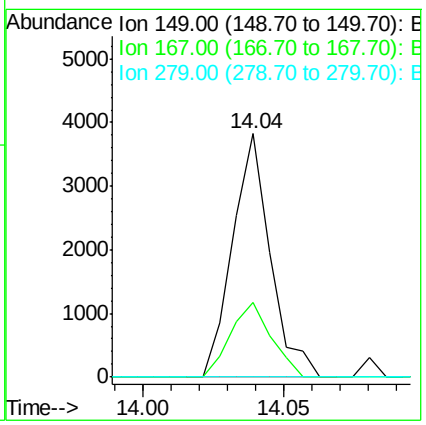


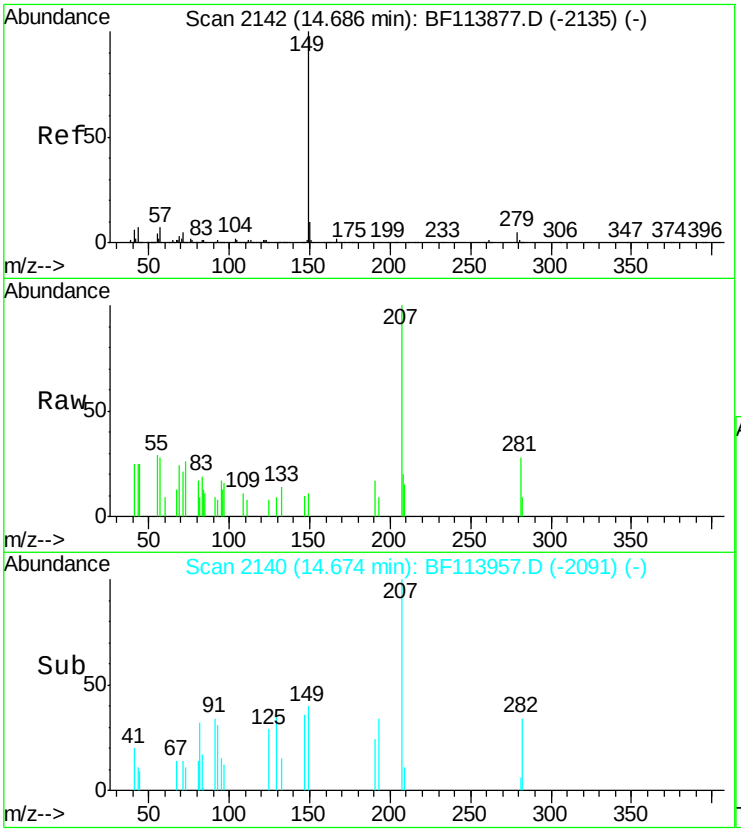


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.323 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Tgt Ion:149 Resp: 3541

Ion	Ratio	Lower	Upper
149	100		
167	30.4	22.9	34.3
279	0.0	4.2	6.2#



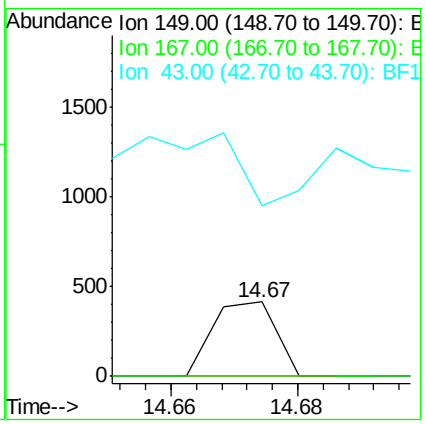


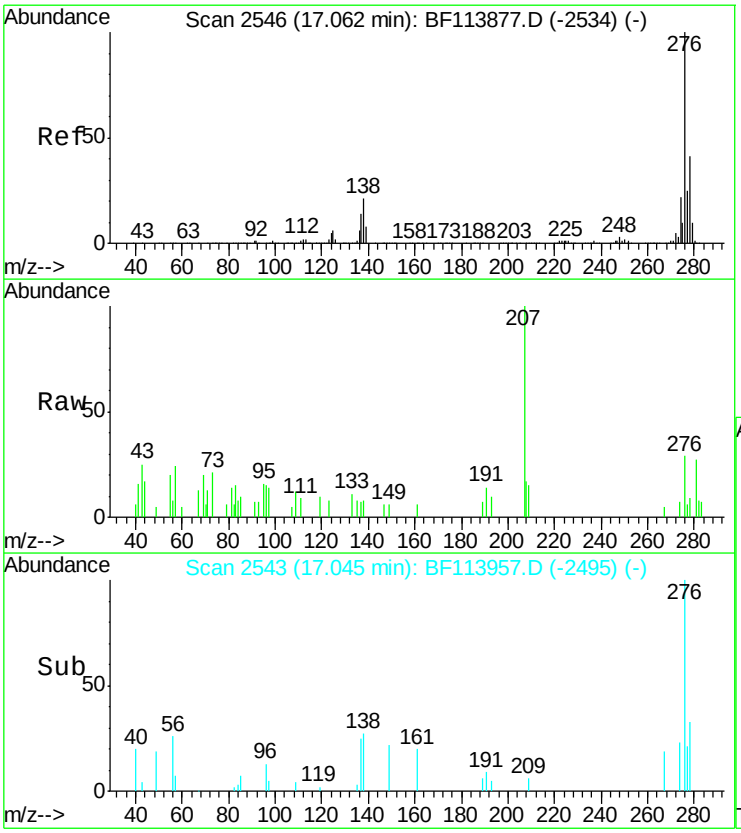
#85
Di-n-octyl phthalate
Concen: 0.017 ng
RT: 14.67 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 283

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

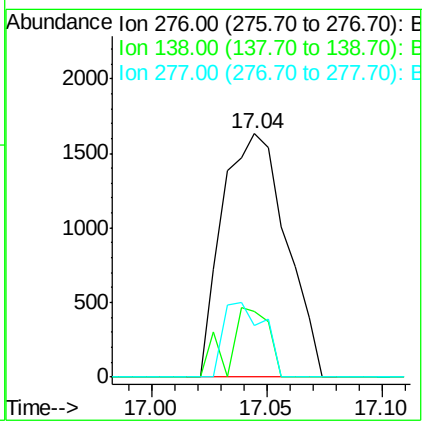


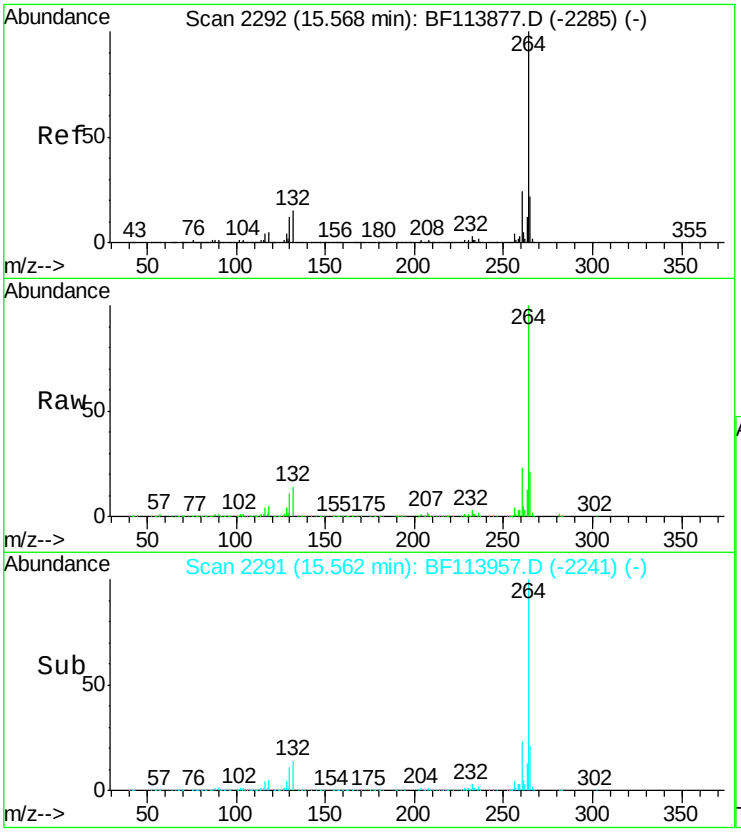


#86
Indeno(1,2,3-cd)pyrene
Concen: 0.185 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.02 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Tgt Ion:276 Resp: 3139

Ion	Ratio	Lower	Upper
276	100		
138	17.8	19.6	29.4#
277	19.3	20.2	30.4#



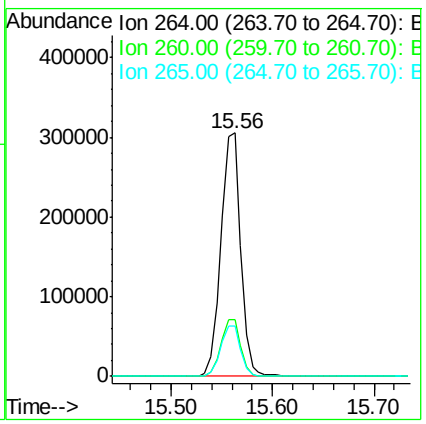


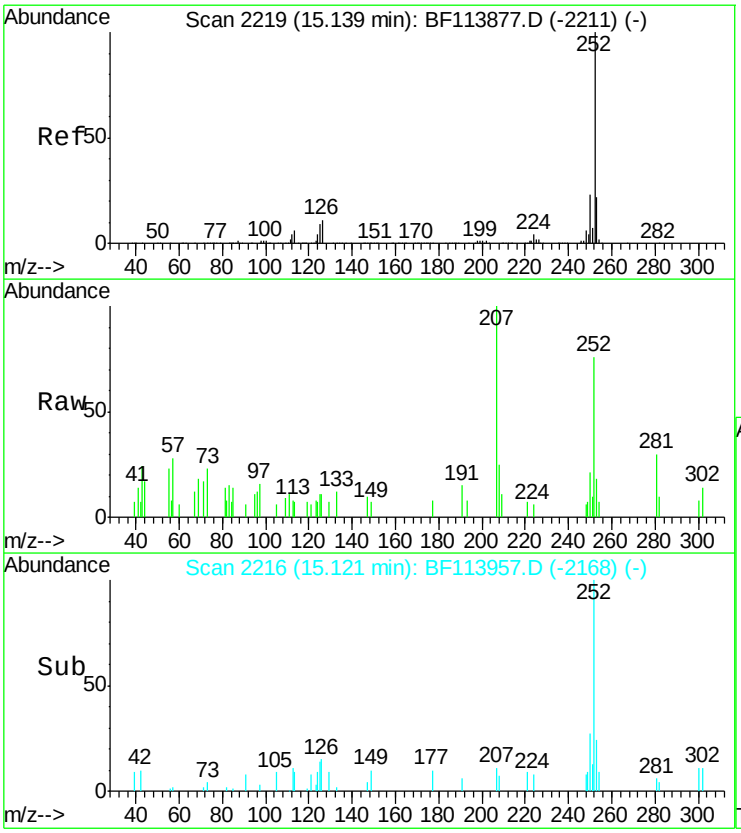
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 414697

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	20.8	17.3	25.9

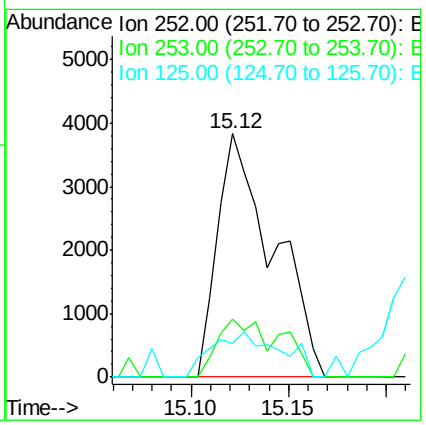


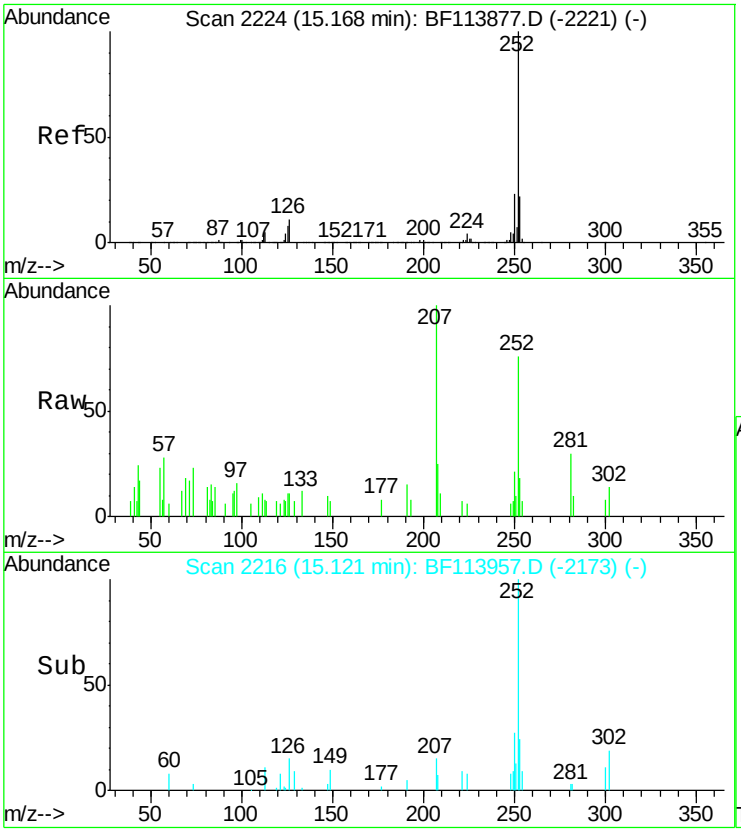


#88
Benzo(b)fluoranthene
Concen: 0.289 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Tgt Ion:252 Resp: 7584

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.6
125	14.0	7.0	10.6#



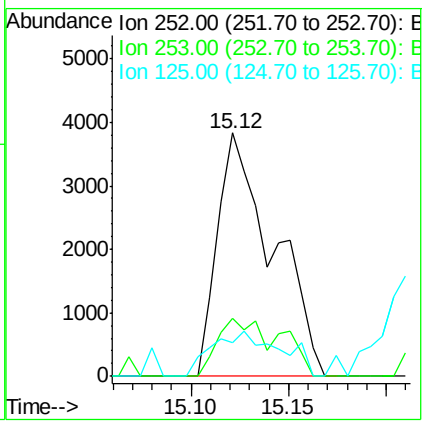


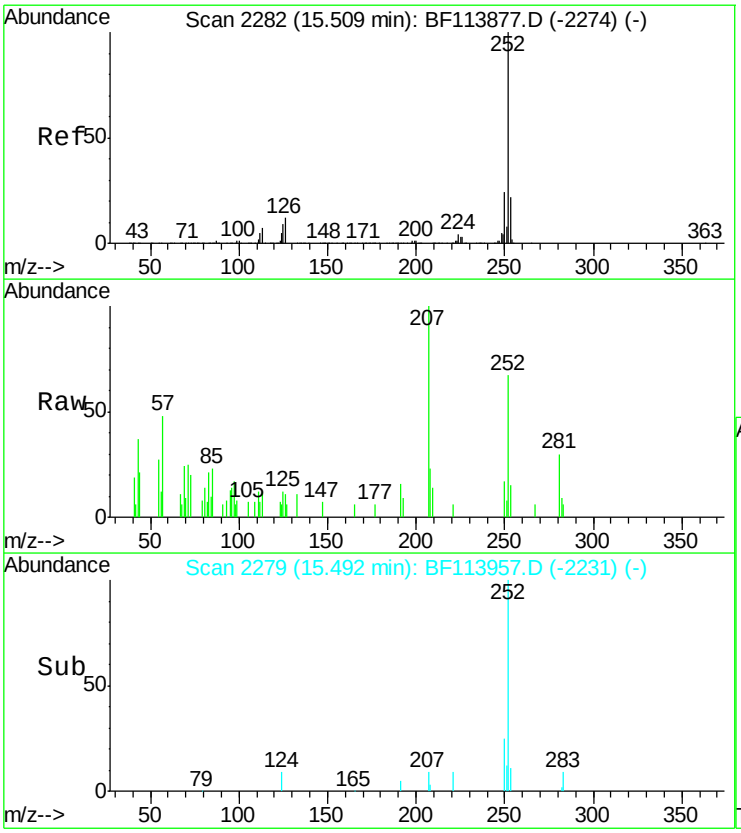
#89
Benzo(k)fluoranthene
Concen: 0.336 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.05 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 7584

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	14.0	7.4	11.2#

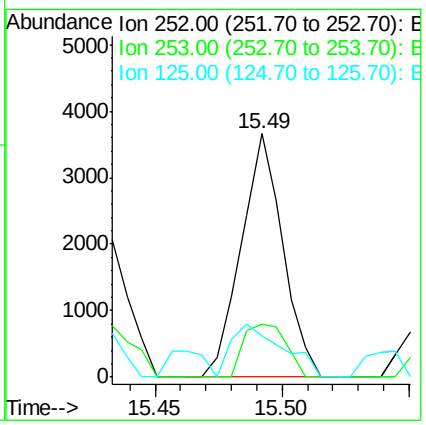


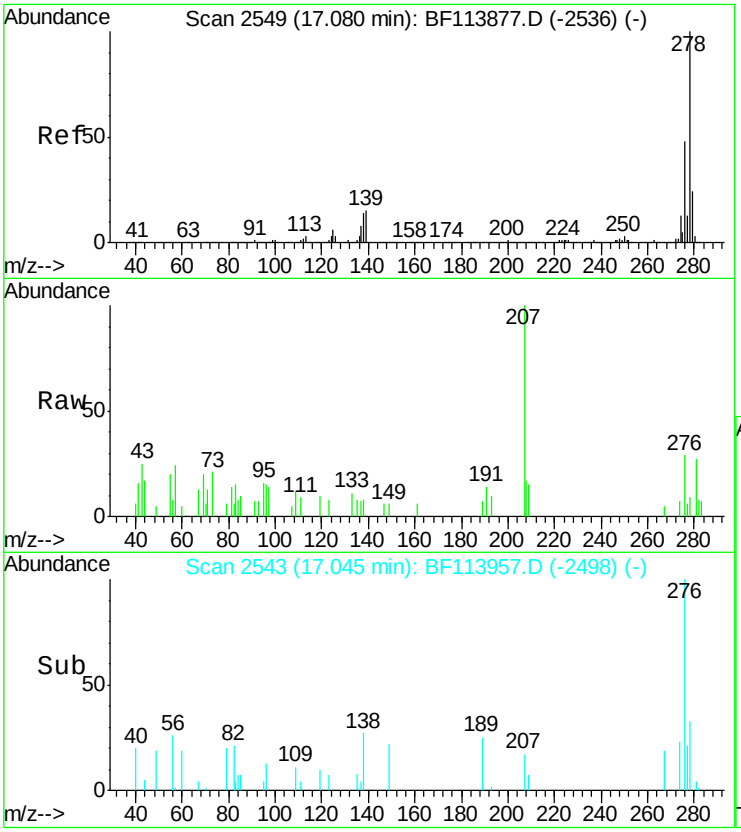


#90
Benzo(a)pyrene
Concen: 0.185 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Tgt Ion:252 Resp: 4193

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	17.1	8.5	12.7#



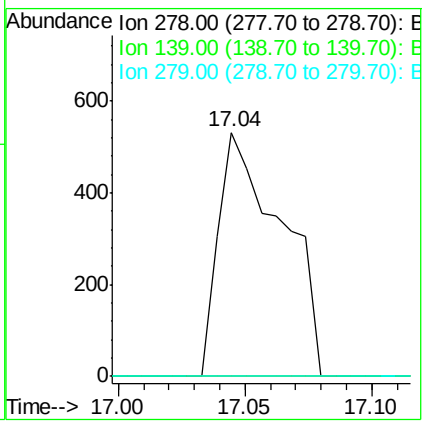


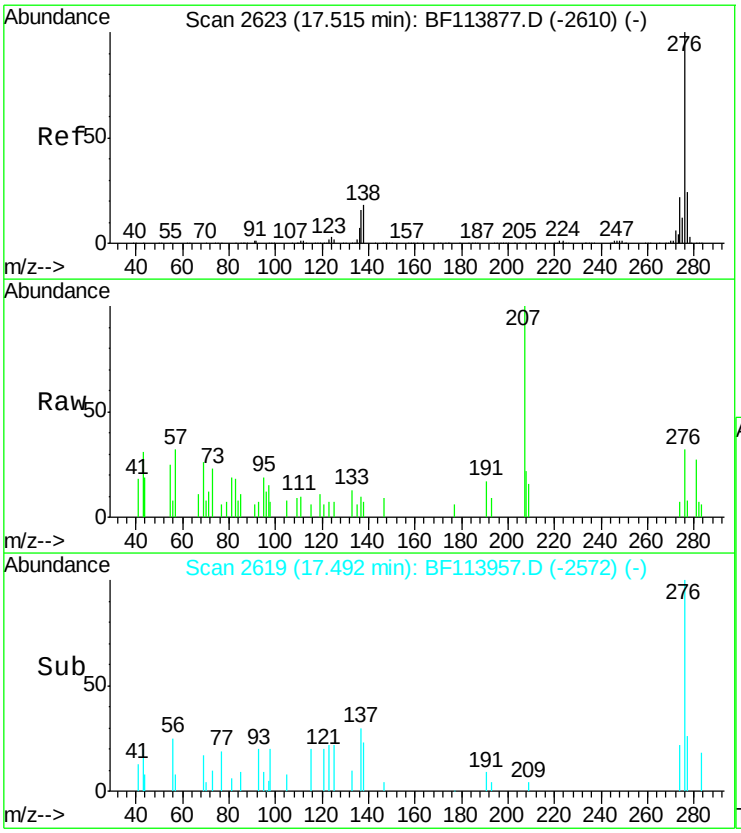
#91
Dibenzo(a,h)anthracene
Concen: 0.043 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.04 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 923

Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.6	17.4#
279	0.0	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 0.151 ng
RT: 17.49 min Scan# 2619
Delta R.T. -0.02 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Tgt Ion:276 Resp: 3255

Ion	Ratio	Lower	Upper
276	100		
277	26.1	19.0	28.4
138	23.4	16.6	25.0