Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
Data File : BF114078.D
Acq On : 1 May 2019 19:32
Operator : JU/SJ
Sample : K2204-05RE 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 02 01:04:22 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	71674	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	295175	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	150948	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	315706	20.00	ng		0.00
76) Chrysene-d12	14.06	240	236250	20.00	ng		0.00
87) Perylene-d12	15.56	264	184998	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	78934	18.84	ng		0.00
7) Phenol-d6	6.52	99	109496	20.83	ng		0.00
23) Nitrobenzene-d5	7.45	82	58195	12.17	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	35470	19.29	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	155378	16.10	ng		0.00
79) Terphenyl-d14	13.00	244	183991	15.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	114	0.058	ng	#	1
9) Benzaldehyde	6.66	77	1880	Below Cal			83
10) Phenol	6.53	94	1399	0.223	ng	#	26
15) Benzyl Alcohol	7.05	79	1014	0.286	ng	#	42
18) Hexachloroethane	7.46	117	268	0.140	ng	#	1
19) n-Nitroso-di-n-propylamine	7.45	70	7941	2.332	ng	#	76
22) Acetophenone	7.29	105	468	0.071	ng	#	58
25) Isophorone	7.45	82	58194	5.949	ng	#	65
31) Naphthalene	8.20	128	2219	0.158	ng	#	89
33) 4-Chloroaniline	8.20	127	143	0.024	ng	#	9
37) 2-Methylnaphthalene	8.89	142	1170	0.124	ng		91
38) 1-Methylnaphthalene	8.99	142	2377	0.260	ng	#	86
46) 1,1'-Biphenyl	9.35	154	410	0.036	ng	#	42
47) 2-Chloronaphthalene	9.43	162	121	0.013	ng	#	39
48) 2-Nitroaniline	9.25	65	125	0.051	ng	#	6
49) Acenaphthylene	9.79	152	4134	0.282	ng		98
50) Dimethylphthalate	9.64	163	16193	1.483	ng		98
51) 2,6-Dinitrotoluene	9.93	165	19977	8.530	ng	#	31
52) Acenaphthene	9.96	154	3884	0.448	ng		94
55) Dibenzofuran	10.14	168	1286	0.099	ng	#	70
56) 4-Nitrophenol	10.14	139	442	0.227	ng	#	12
57) 2,4-Dinitrotoluene	9.93	165	19977	6.758	ng	#	27
58) Fluorene	10.48	166	4903	0.501	ng	#	86
60) Diethylphthalate	10.34	149	156	0.015	ng	#	57
63) Azobenzene	10.63	77	112	0.011	ng	#	1
66) n-Nitrosodiphenylamine	10.59	169	795	0.084	ng	#	66
67) 4-Bromophenyl-phenylether	10.72	248	2095	0.549	ng	#	1
69) Atrazine	10.94	200	919	0.298	ng	#	35
71) Phenanthrene	11.45	178	38025	2.397	ng		99
72) Anthracene	11.50	178	12877	0.804	ng		99
73) Carbazole	11.65	167	1421	0.099	ng	#	90
74) Di-n-butylphthalate	11.97	149	713	0.042	ng	#	77
75) Fluoranthene	12.64	202	47323	2.734	ng		99
77) Benzidine	12.55	184	2240	0.318	ng	#	1

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
Data File : BF114078.D
Acq On : 1 May 2019 19:32
Operator : JU/SJ
Sample : K2204-05RE 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 02 01:04:22 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	12.87	202	55881	3.382	ng		98
80) Butylbenzylphthalate	13.49	149	868	0.134	ng	#	3
81) Benzo(a)anthracene	14.05	228	23325	1.676	ng		96
82) 3,3'-Dichlorobenzidine	14.03	252	208	0.041	ng	#	5
83) Chrysene	14.05	228	23325	1.721	ng		97
84) Bis(2-ethylhexyl)phthalate	14.03	149	3136	0.379	ng	#	91
85) Di-n-octyl phthalate	14.68	149	350	0.027	ng	#	45
86) Indeno(1,2,3-cd)pyrene	17.06	276	7214	0.562	ng		99
88) Benzo(b)fluoranthene	15.12	252	25528	2.181	ng	#	74
89) Benzo(k)fluoranthene	15.12	252	25528	2.536	ng	#	76
90) Benzo(a)pyrene	15.49	252	13702	1.353	ng	#	67
91) Dibenzo(a,h)anthracene	17.06	278	3280	0.345	ng	#	1
92) Benzo(g,h,i)perylene	17.52	276	8476	0.884	ng	#	87

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
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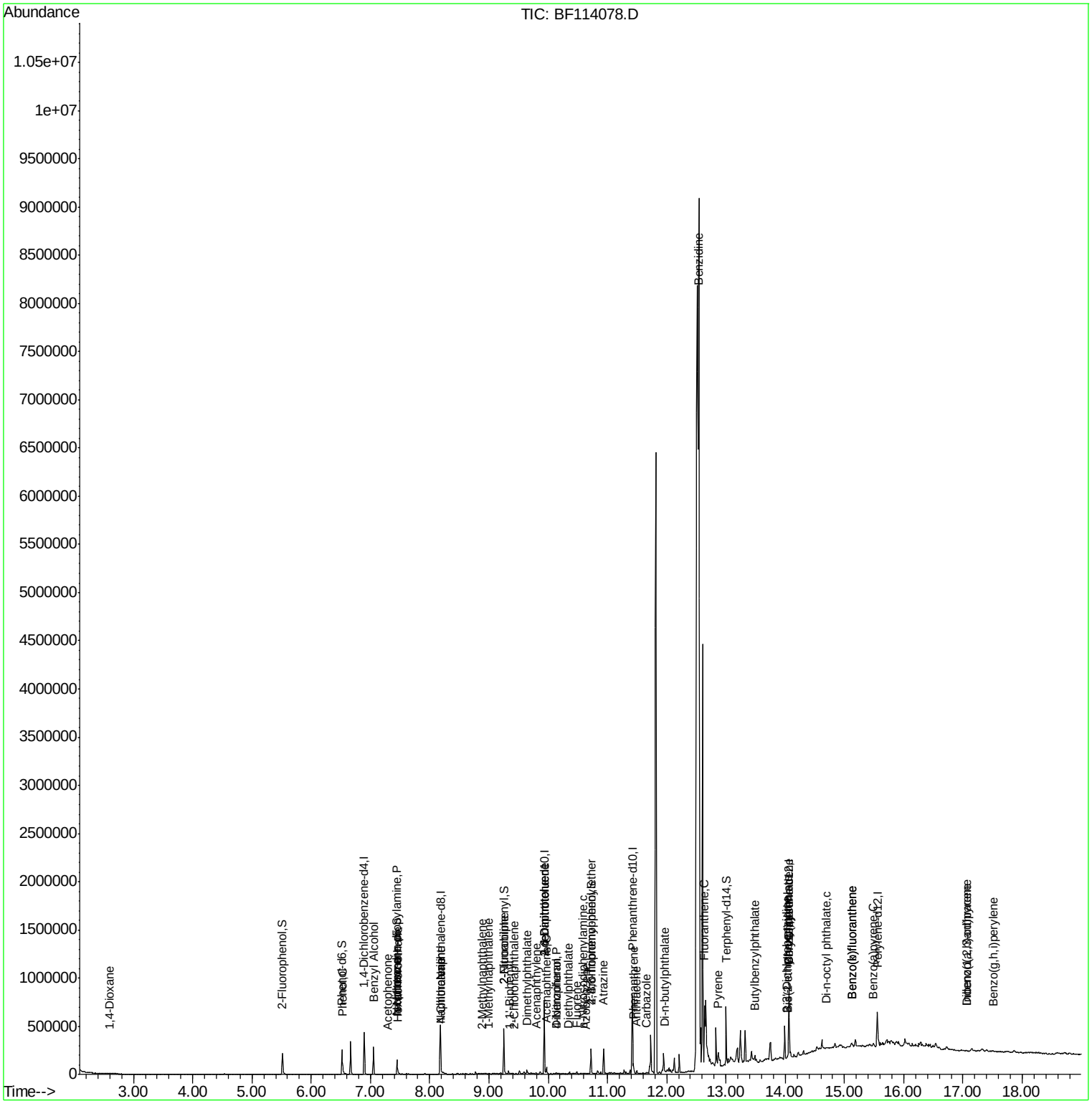
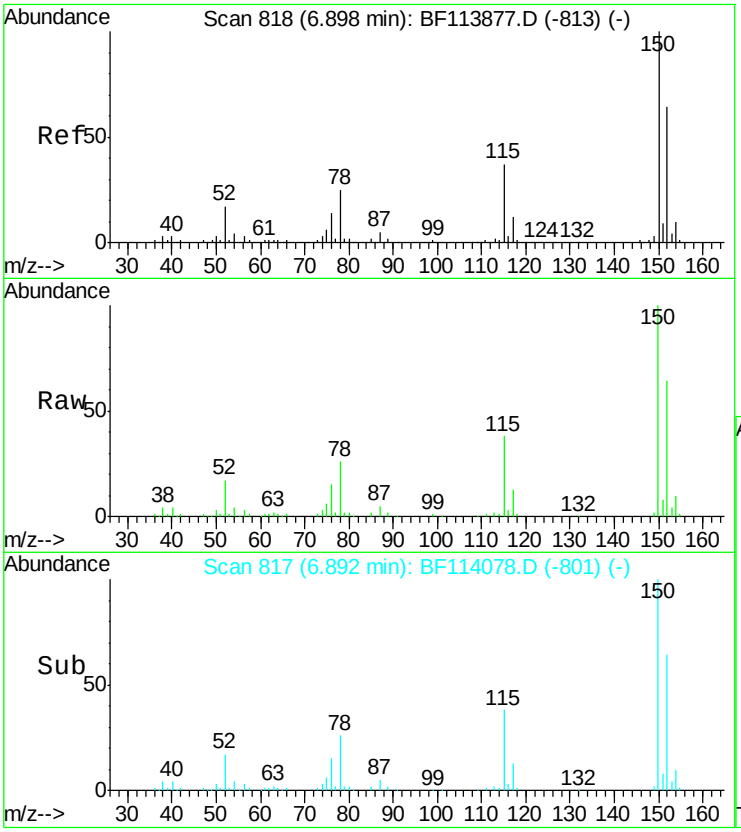


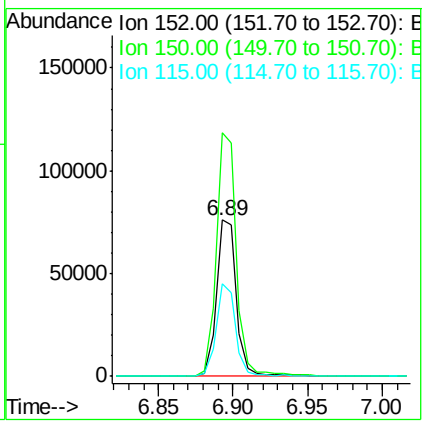


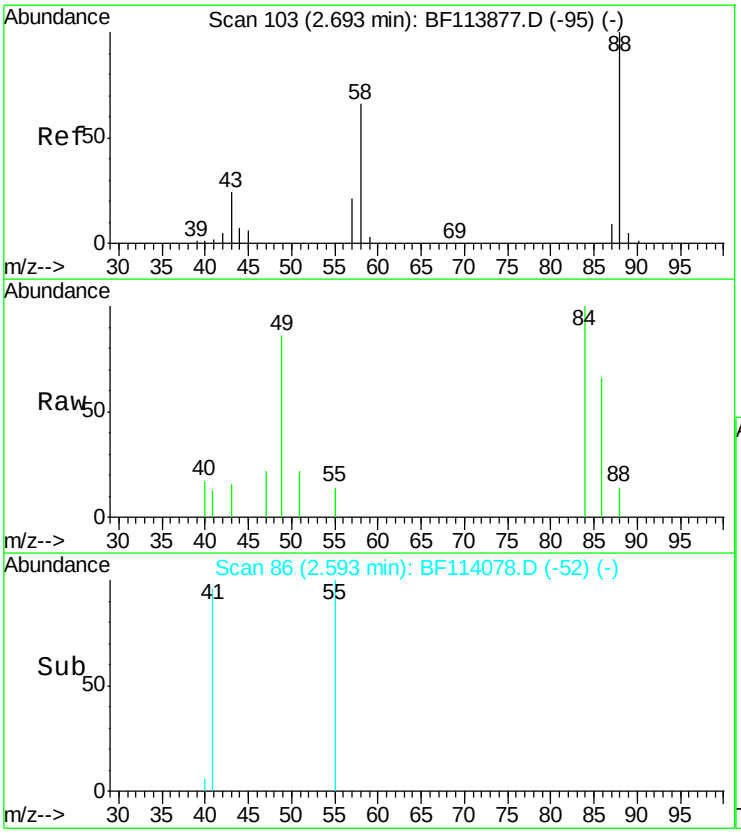
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 71674

Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.9	188.9
115	59.6	45.9	68.9

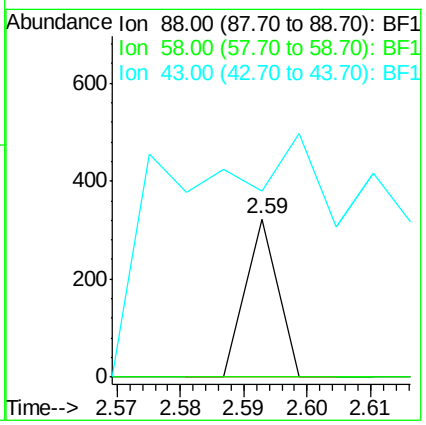


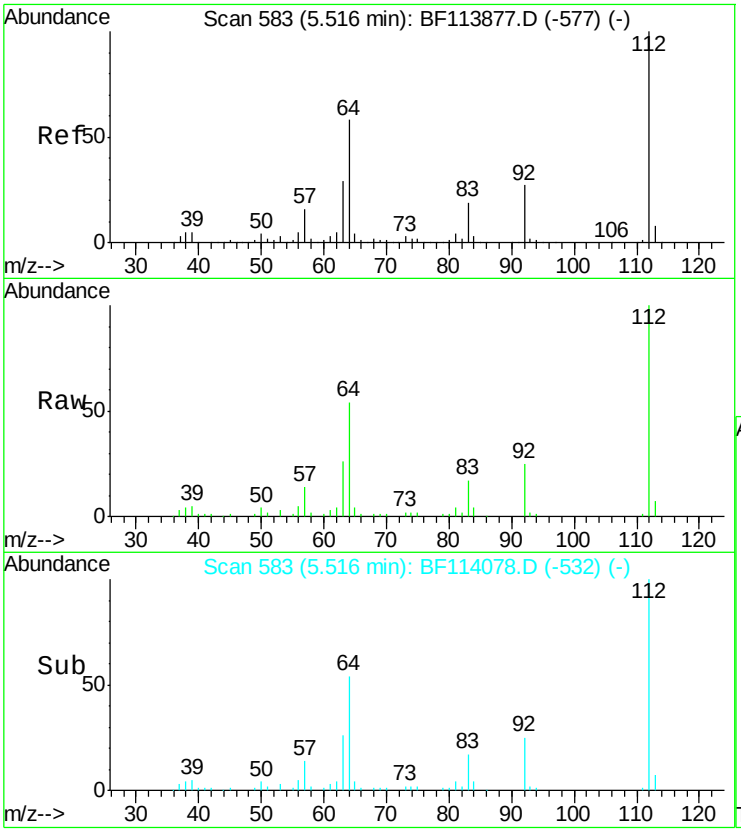


#2
1,4-Dioxane
Concen: 0.058 ng
RT: 2.59 min Scan# 86
Delta R.T. -0.10 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion: 88 Resp: 114

Ion	Ratio	Lower	Upper
88	100		
58	0.0	53.3	79.9#
43	1203.5	19.0	28.4#



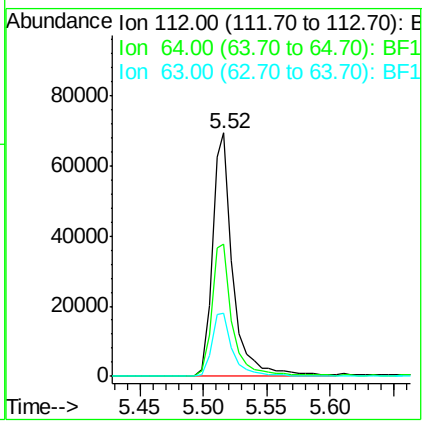


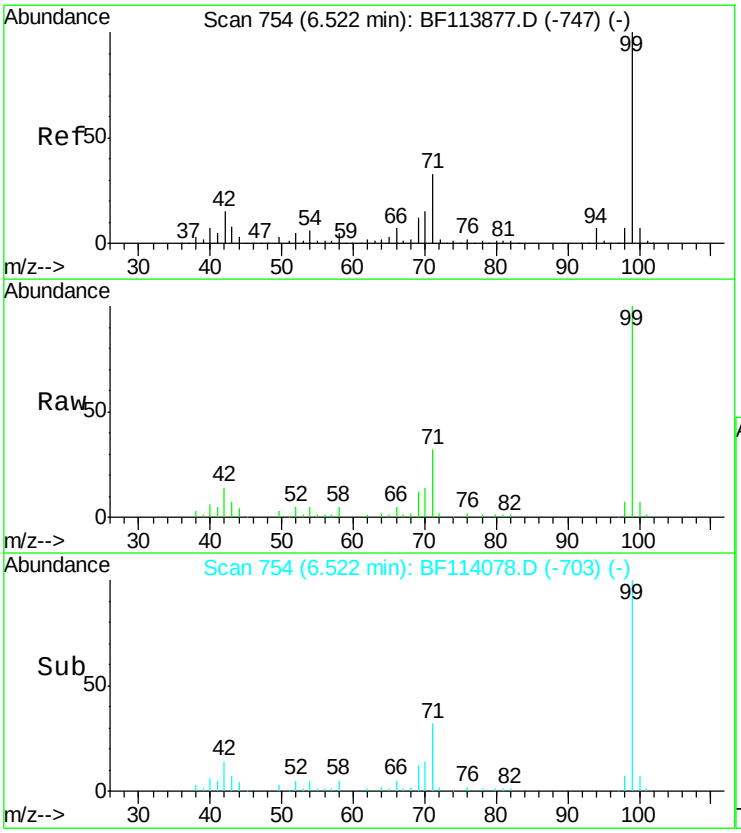
#5
2-Fluorophenol
Concen: 18.836 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 78934

Ion	Ratio	Lower	Upper
112	100		
64	54.3	46.6	69.8
63	26.1	23.1	34.7

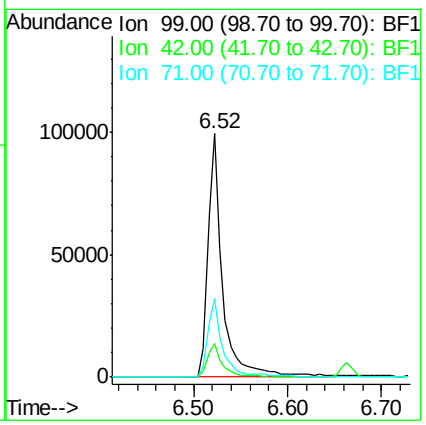


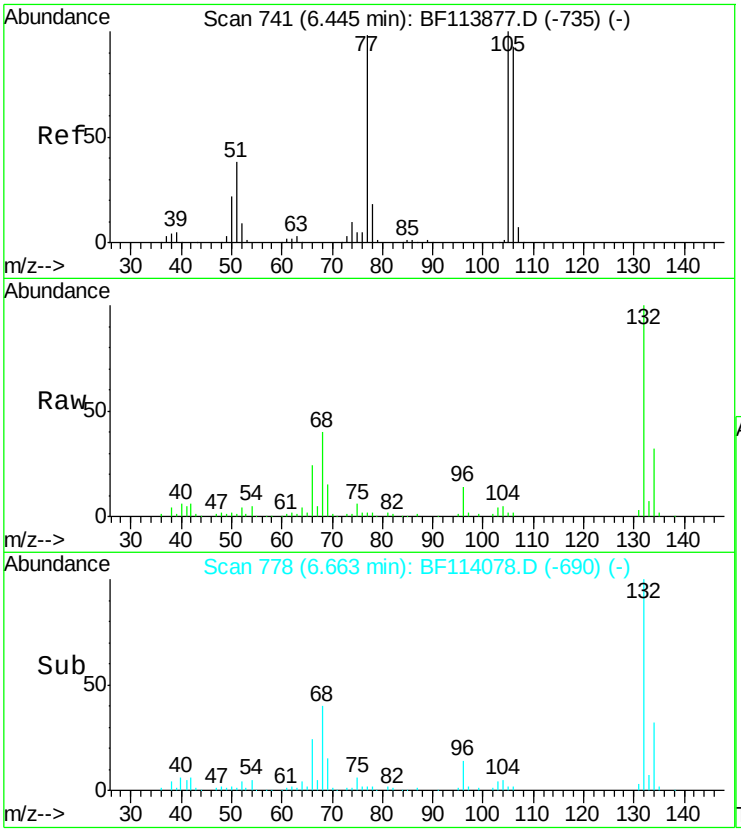


#7
Phenol-d6
Concen: 20.826 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion: 99 Resp: 109496

Ion	Ratio	Lower	Upper
99	100		
42	14.0	12.5	18.7
71	32.0	26.9	40.3



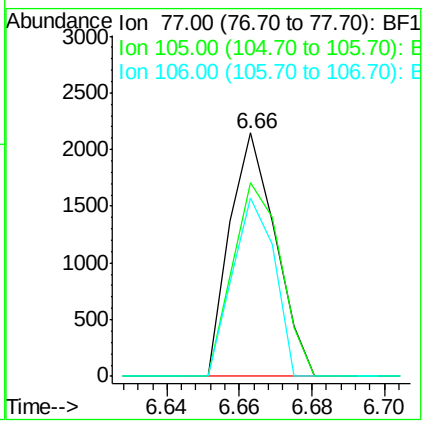


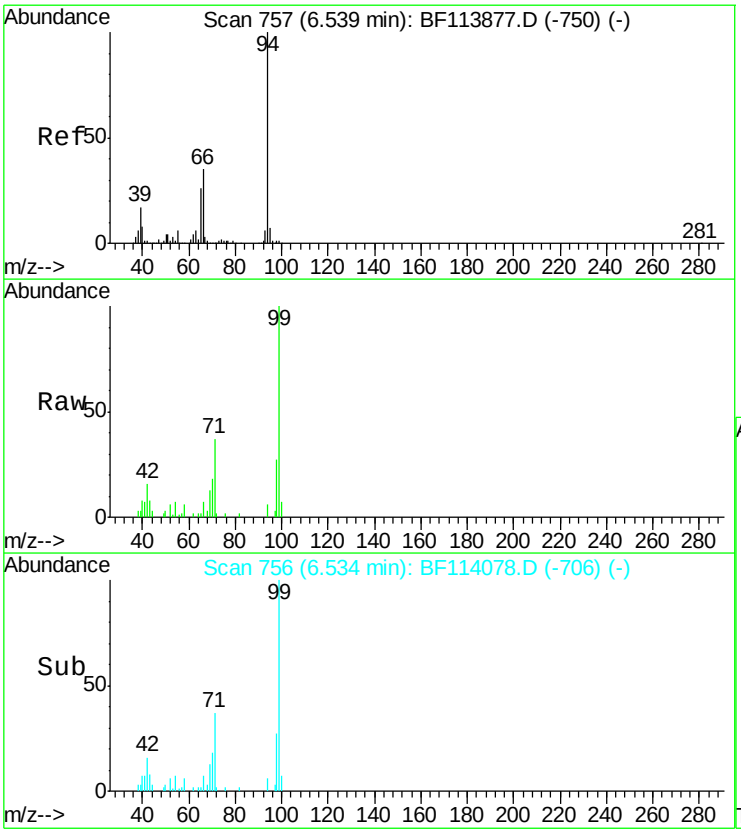
#9
Benzaldehyde
Concen: Below Cal
RT: 6.66 min Scan# 778
Delta R.T. 0.22 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 1880

Ion	Ratio	Lower	Upper
77	100		
105	79.6	74.1	114.1
106	73.2	70.3	110.3

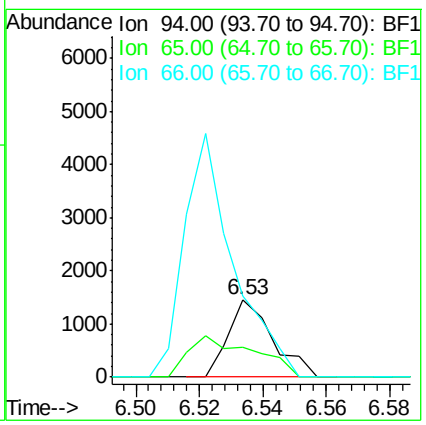


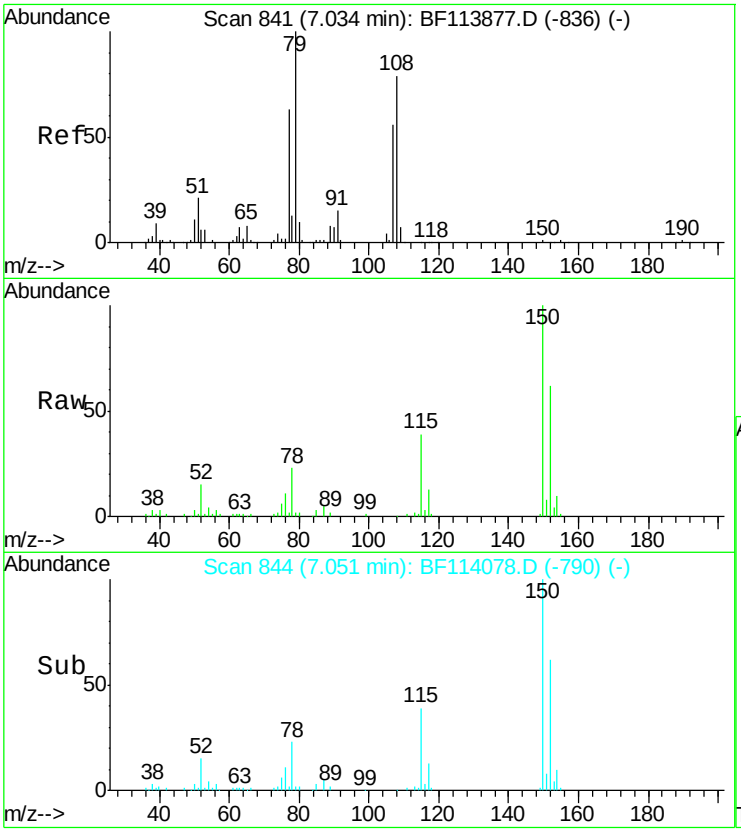


#10
Phenol
Concen: 0.223 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion: 94 Resp: 1399

Ion	Ratio	Lower	Upper
94	100		
65	38.2	8.1	48.1
66	105.0	16.6	56.6#



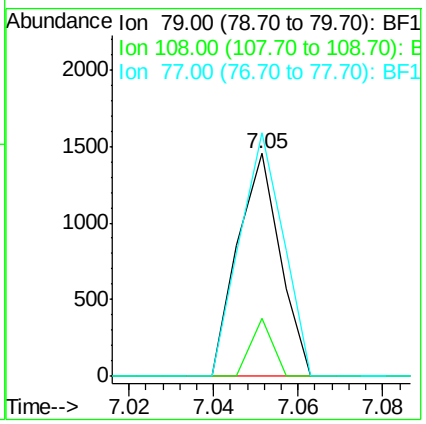


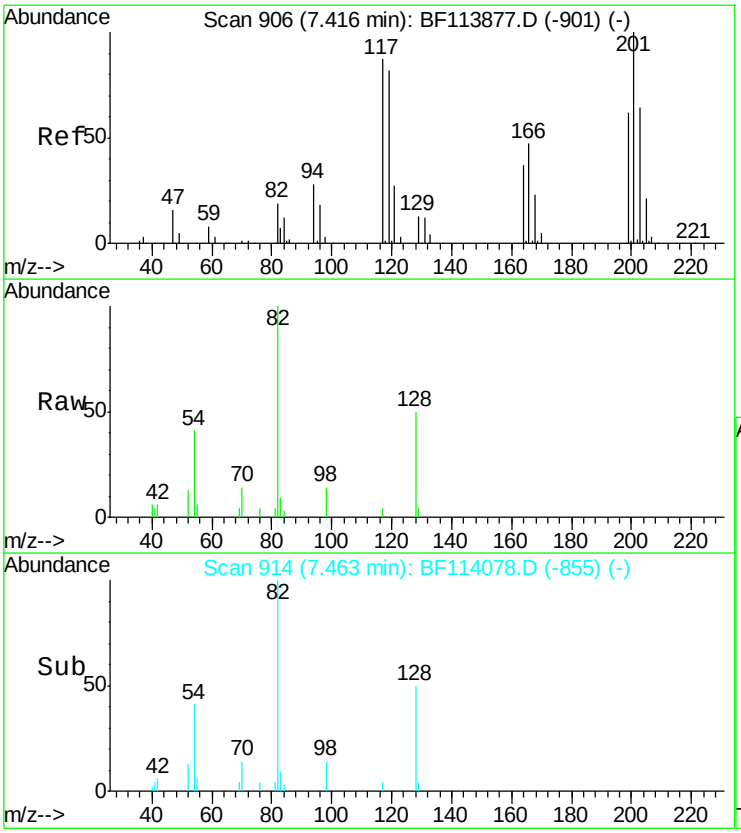
#15
Benzyl Alcohol
Concen: 0.286 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.02 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 1014

Ion	Ratio	Lower	Upper
79	100		
108	26.0	61.4	92.0#
77	109.4	51.6	77.4#

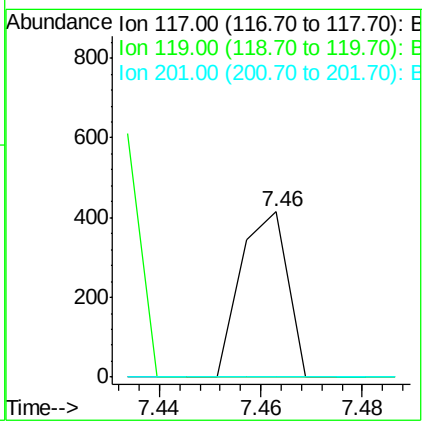


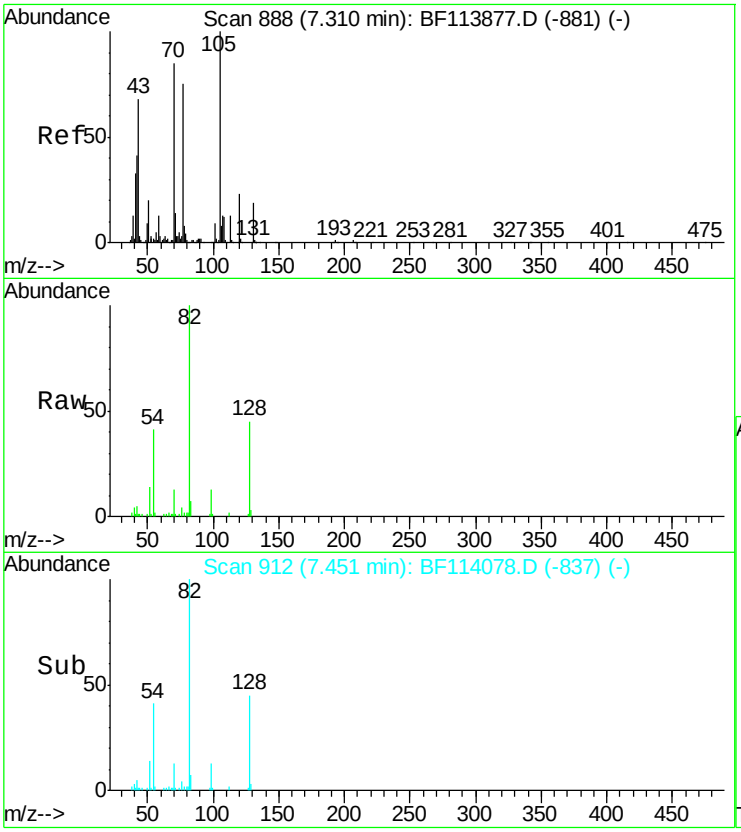


#18
Hexachloroethane
Concen: 0.140 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.05 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion:117 Resp: 268

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



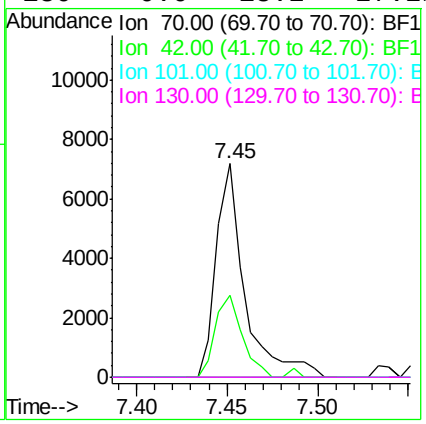


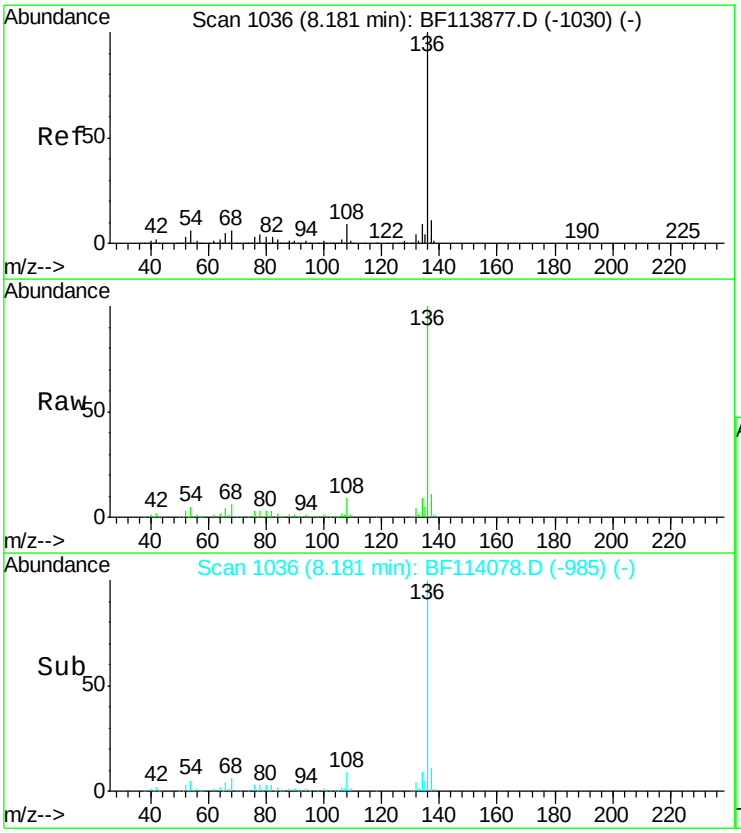
#19
n-Nitroso-di-n-propylamine
Concen: 2.332 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 7941

Ion	Ratio	Lower	Upper
70	100		
42	38.2	37.3	55.9
101	0.0	7.8	11.8#
130	0.0	18.2	27.2#

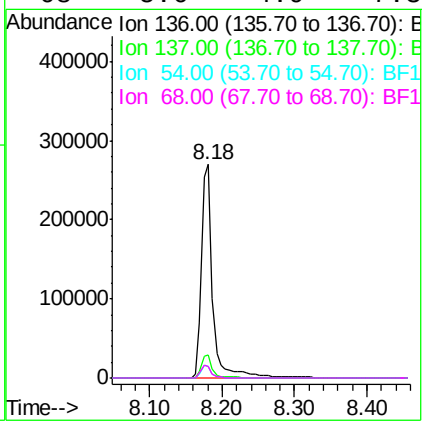


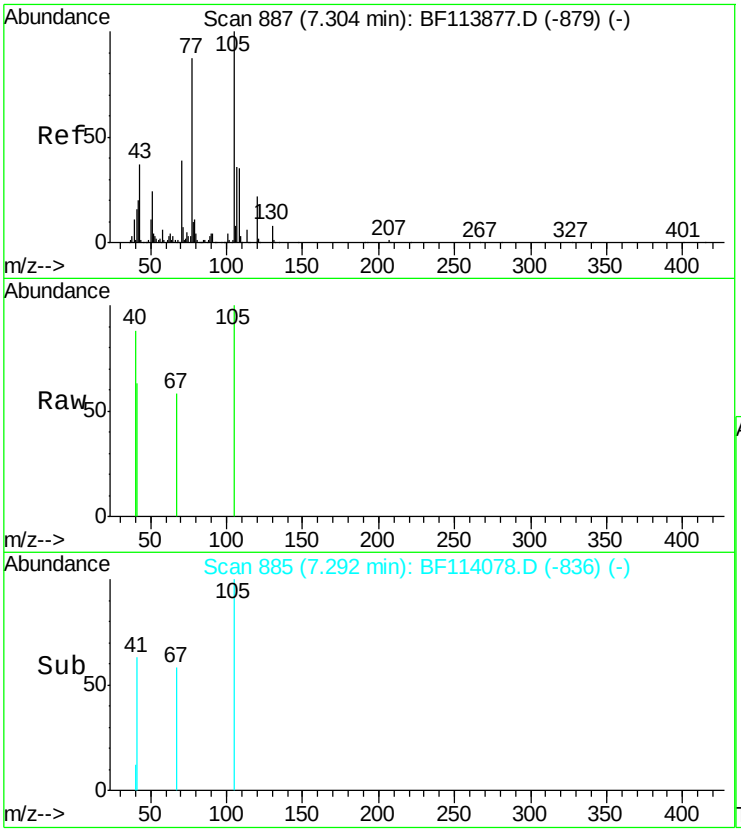


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion:136 Resp: 295175

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	5.5	5.0	7.6
68	5.6	4.9	7.3



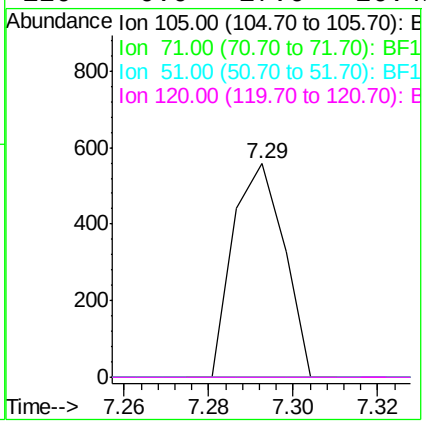


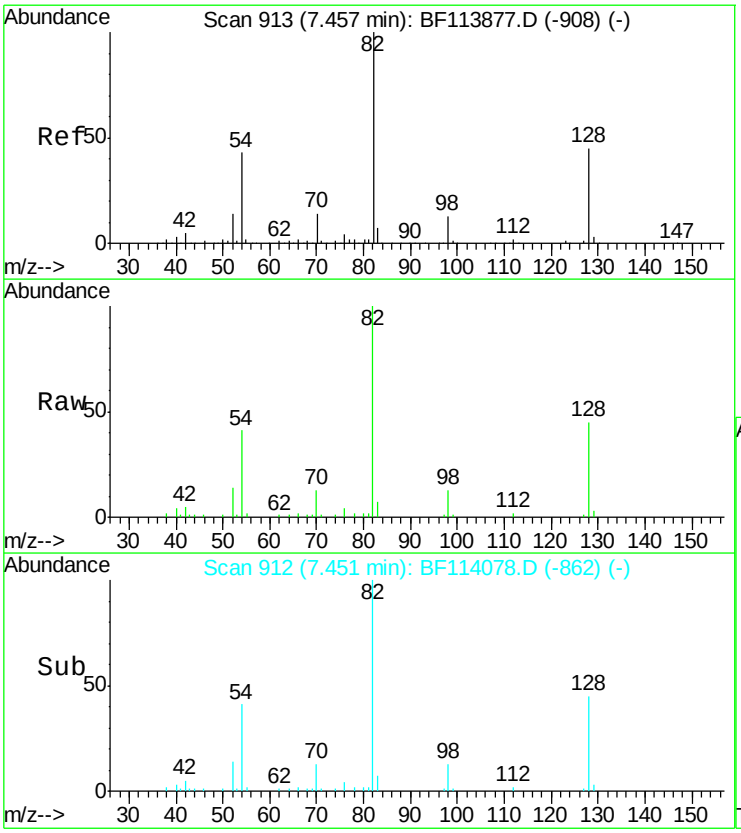
#22
Acetophenone
Concen: 0.071 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 468

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#

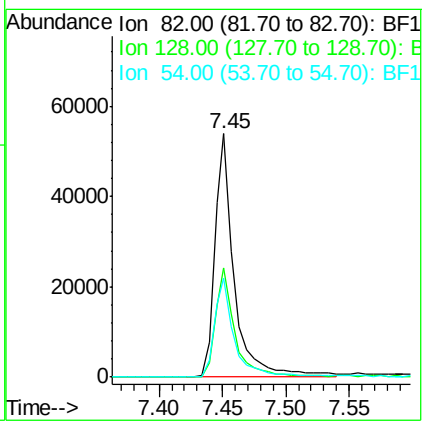


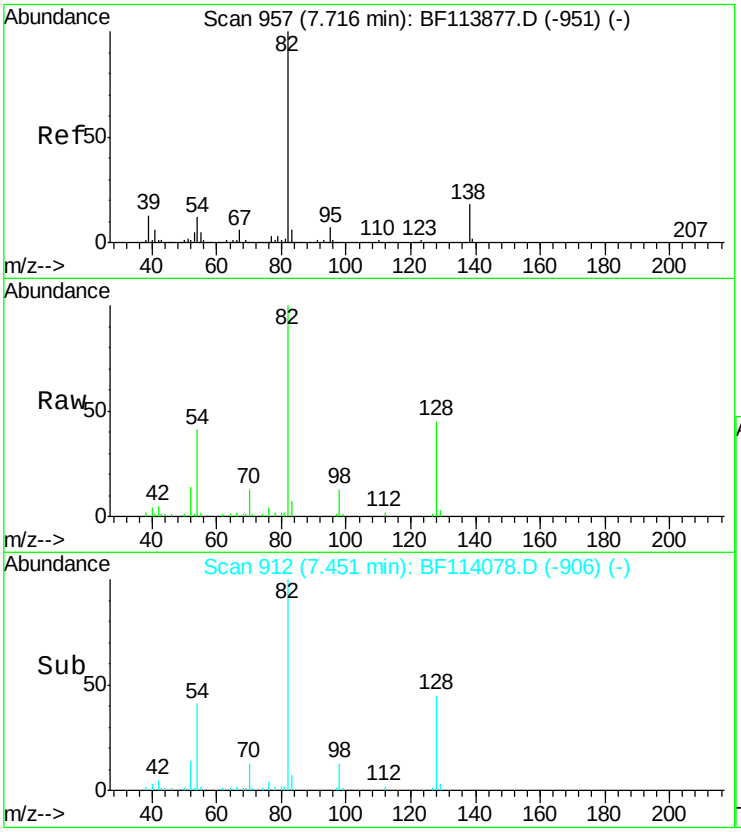


#23
Nitrobenzene-d5
Concen: 12.173 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion: 82 Resp: 58195

Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.8	55.2
54	40.9	33.8	50.6



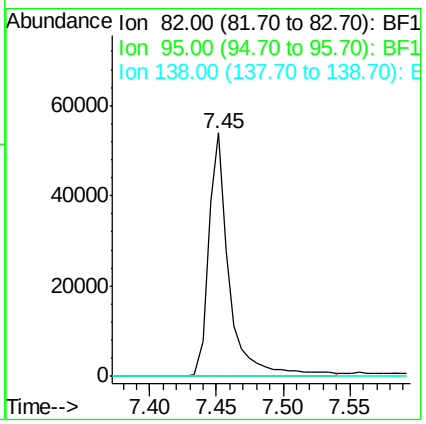


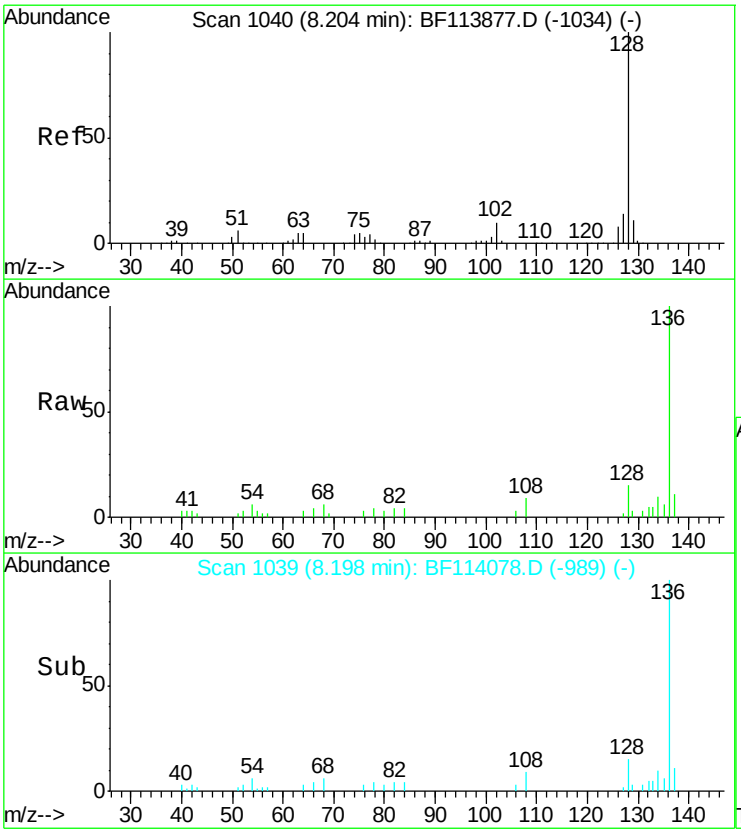
#25
Isophorone
Concen: 5.949 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 58194

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

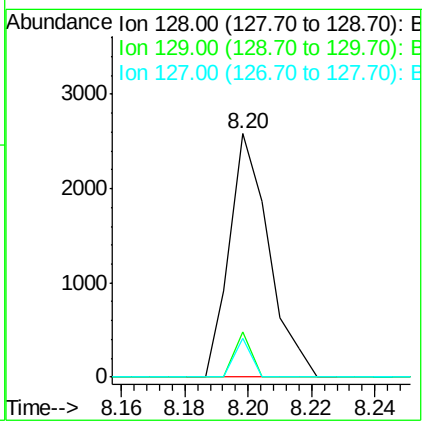


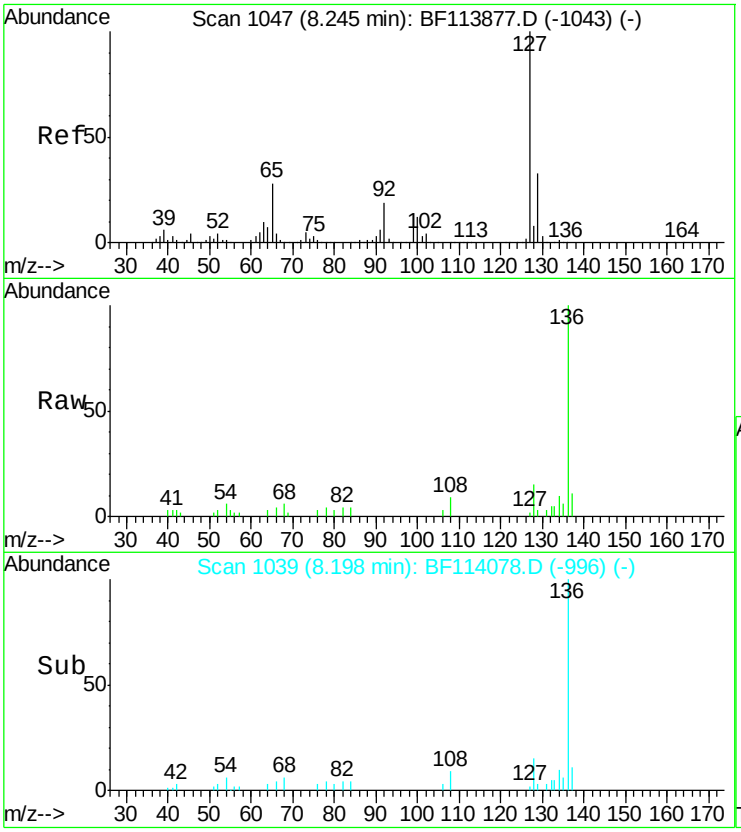


#31
Naphthalene
Concen: 0.158 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion:128 Resp: 2219

Ion	Ratio	Lower	Upper
128	100		
129	18.7	9.4	14.0#
127	15.7	10.8	16.2



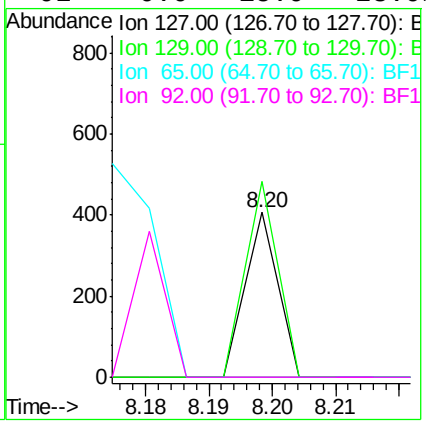


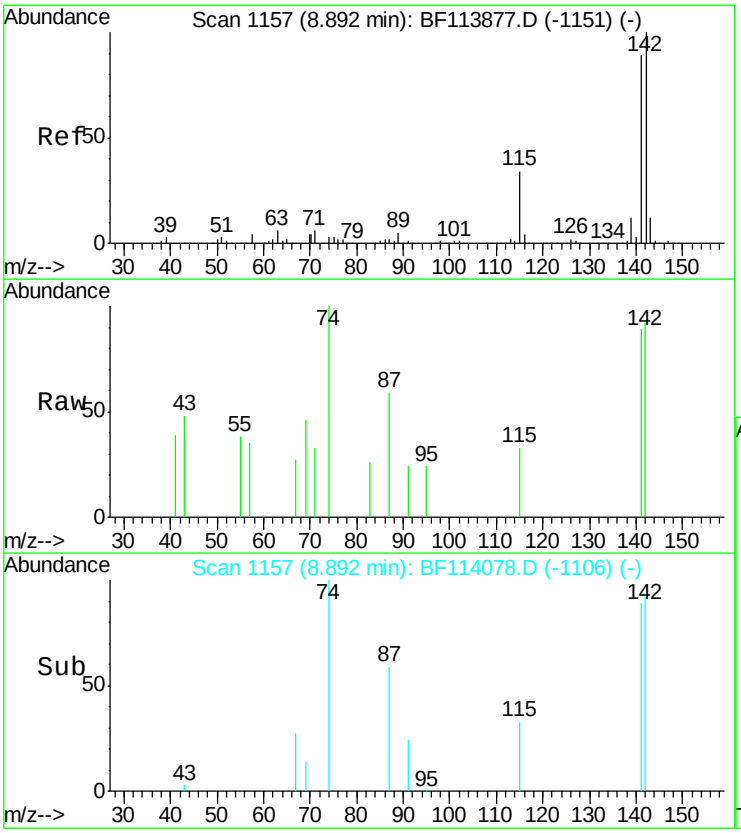
#33
4-Chloroaniline
Concen: 0.024 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.05 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 143

Ion	Ratio	Lower	Upper
127	100		
129	119.0	26.4	39.6#
65	0.0	24.9	37.3#
92	0.0	15.9	23.9#

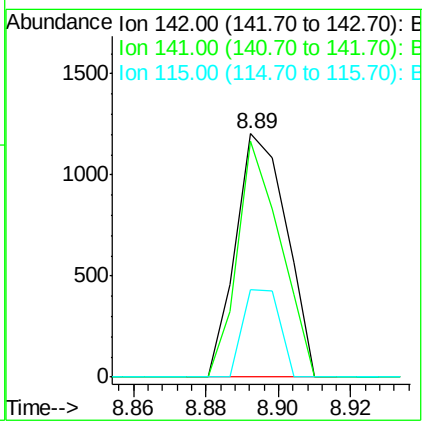


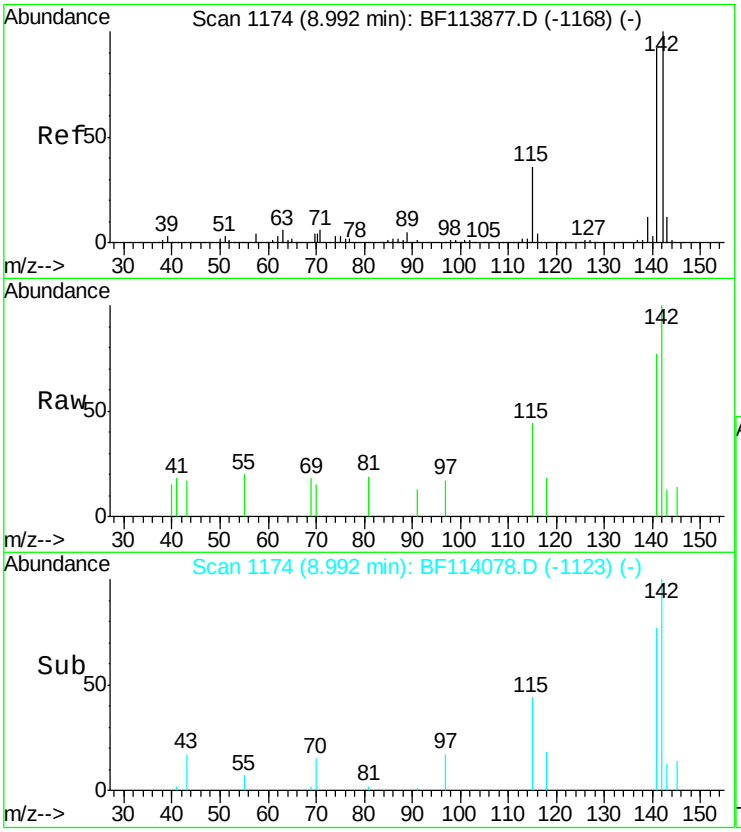


#37
2-Methylnaphthalene
Concen: 0.124 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion:142 Resp: 1170

Ion	Ratio	Lower	Upper
142	100		
141	97.2	70.4	105.6
115	35.9	26.3	39.5



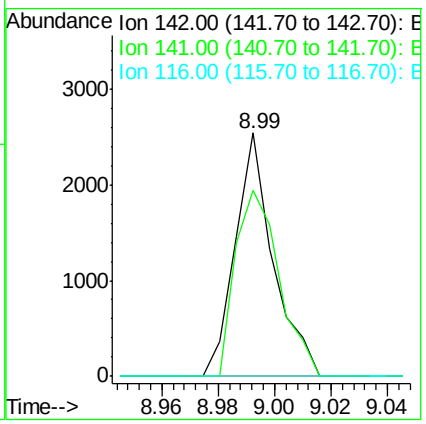


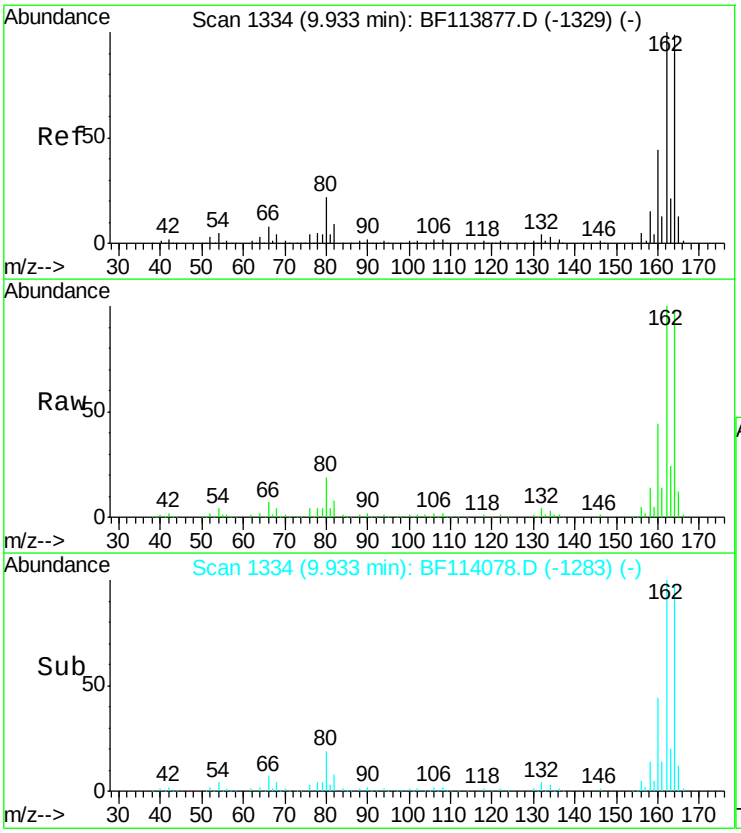
#38
1-Methylnaphthalene
Concen: 0.260 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 2377

Ion	Ratio	Lower	Upper
142	100		
141	76.6	72.3	108.5
116	0.0	3.0	4.4#

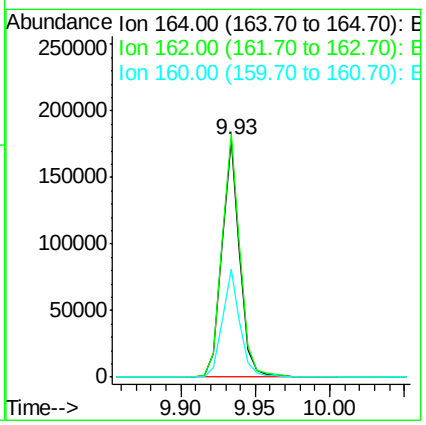


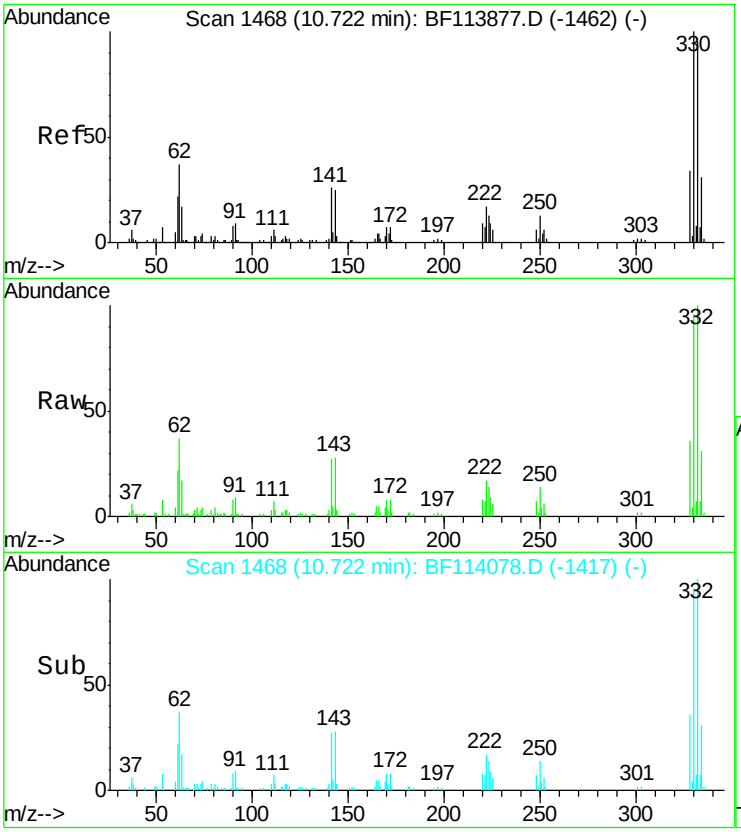


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion:164 Resp: 150948

Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.1	121.7
160	45.3	35.8	53.6



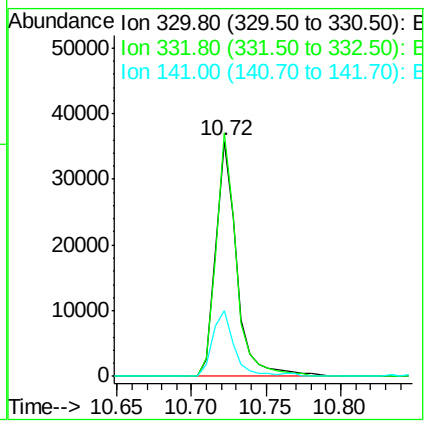


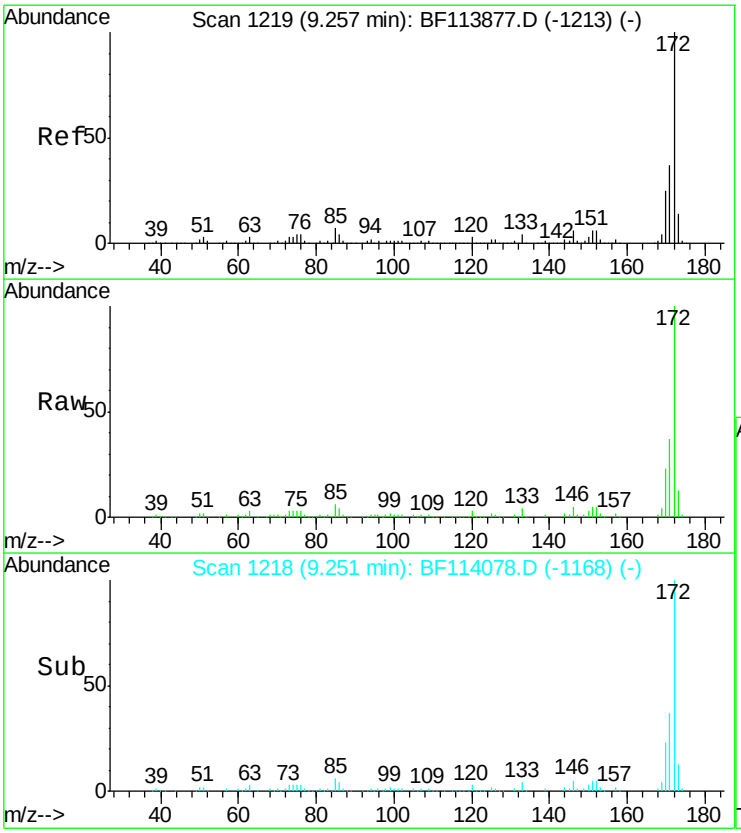
#42
2,4,6-Tribromophenol
Concen: 19.289 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 35470

Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.5	116.3
141	28.9	22.2	33.2

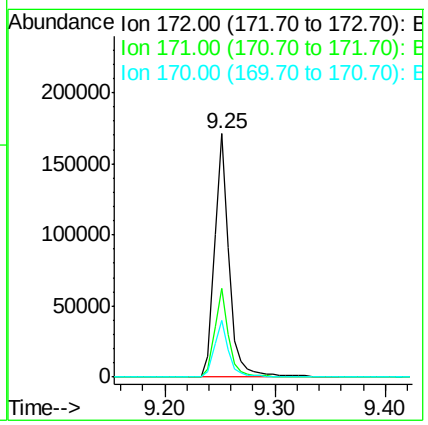


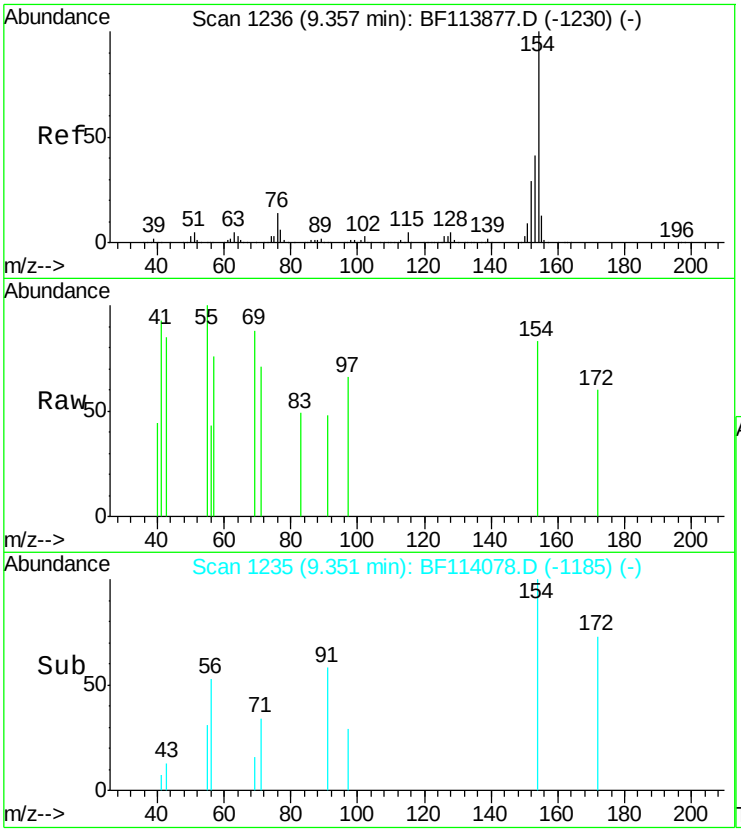


#45
2-Fluorobiphenyl
Concen: 16.099 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion:172 Resp: 155378

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	23.1	19.9	29.9



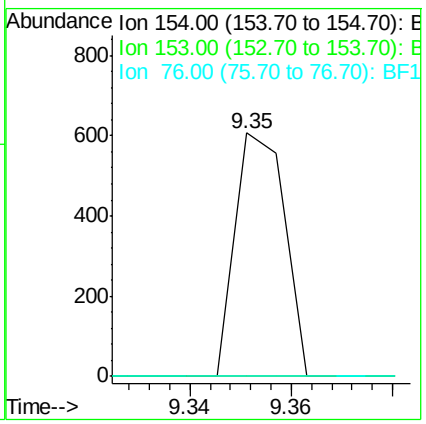


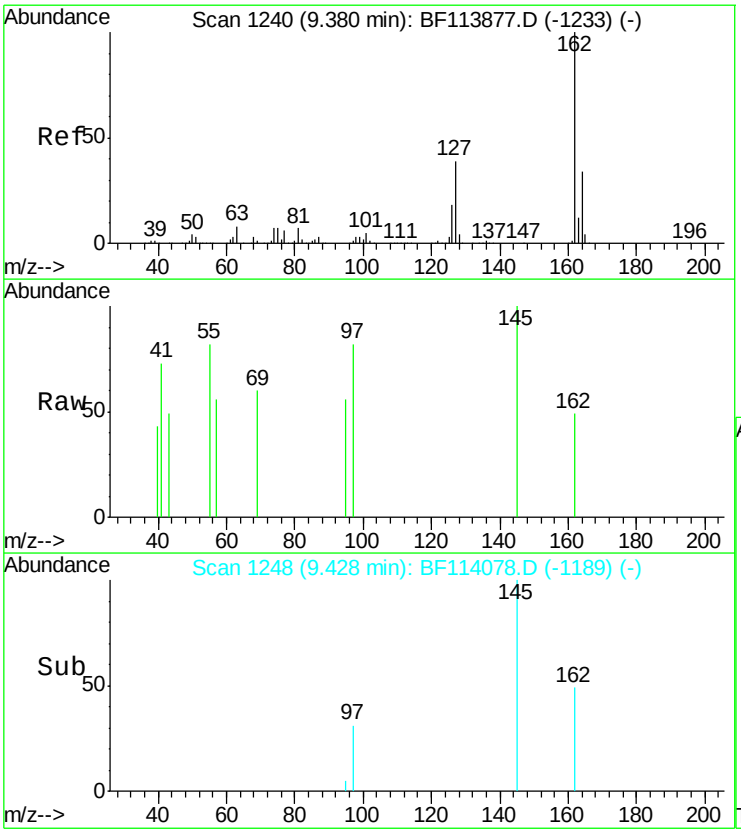
#46
1,1'-Biphenyl
Concen: 0.036 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 410

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

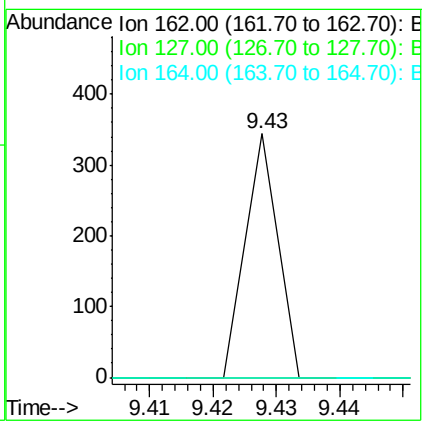


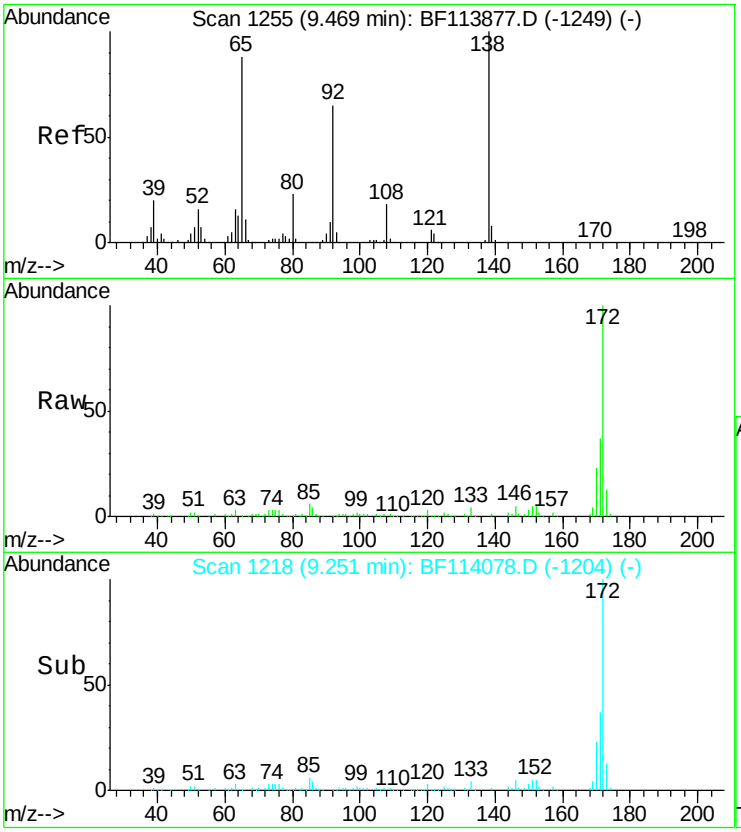


#47
2-Chloronaphthalene
Concen: 0.013 ng
RT: 9.43 min Scan# 1248
Delta R.T. 0.05 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion:162 Resp: 121

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



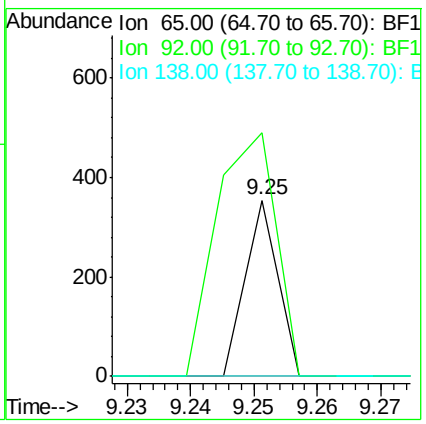


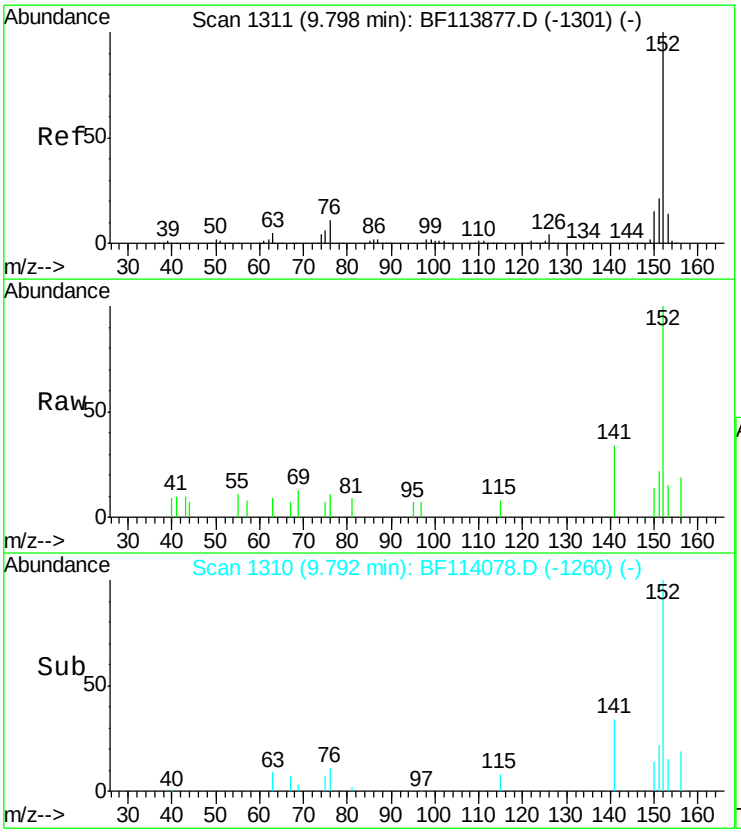
#48
2-Nitroaniline
Concen: 0.051 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.22 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 125

Ion	Ratio	Lower	Upper
65	100		
92	138.4	57.4	86.0#
138	0.0	85.4	128.0#

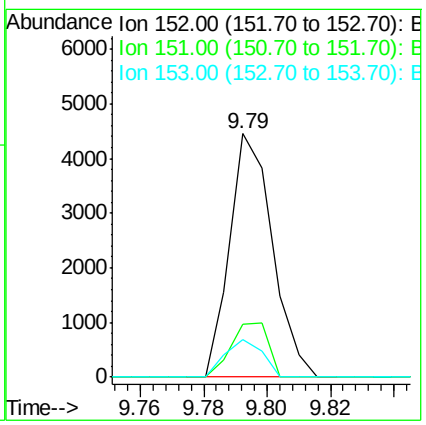


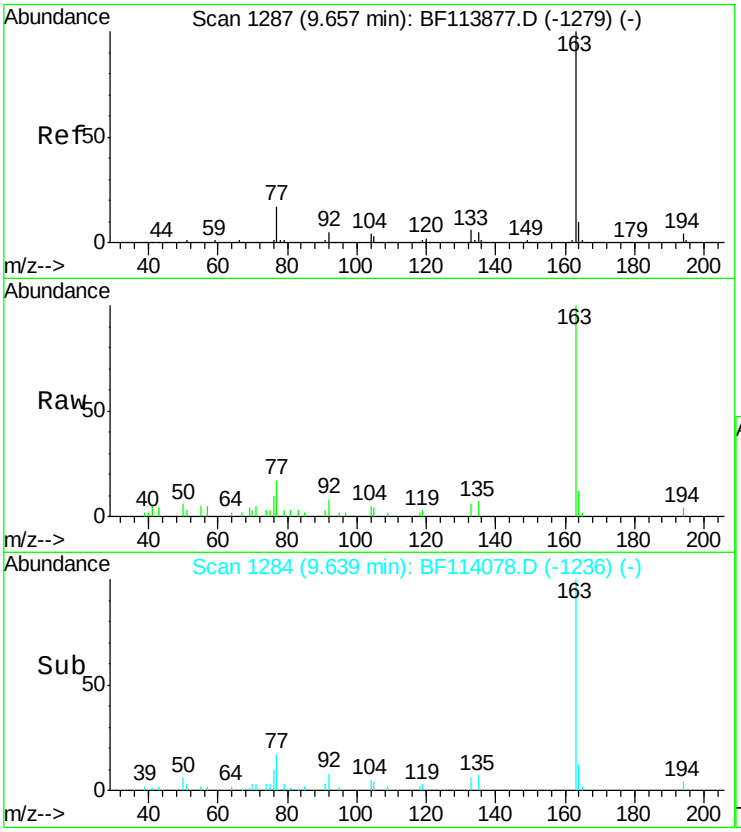


#49
Acenaphthylene
Concen: 0.282 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion:152 Resp: 4134

Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.0	25.4
153	15.4	11.0	16.6



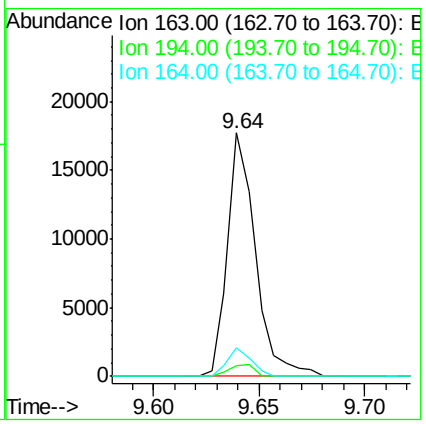


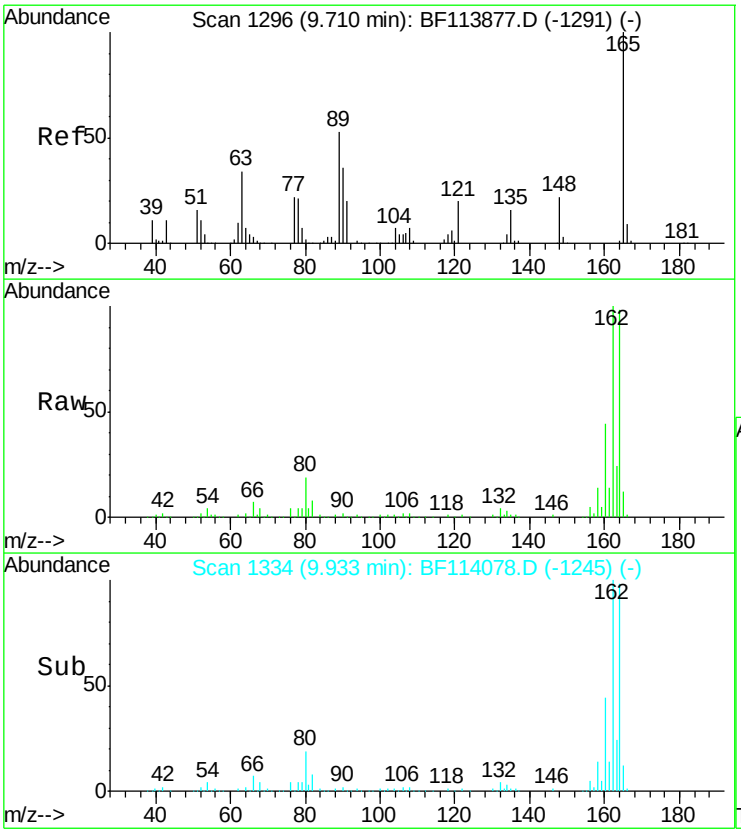
#50
Dimethylphthalate
Concen: 1.483 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 16193

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	11.7	8.5	12.7

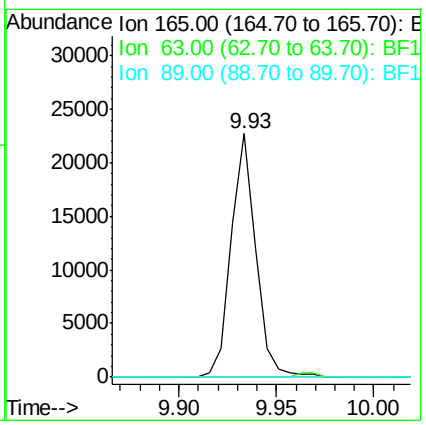


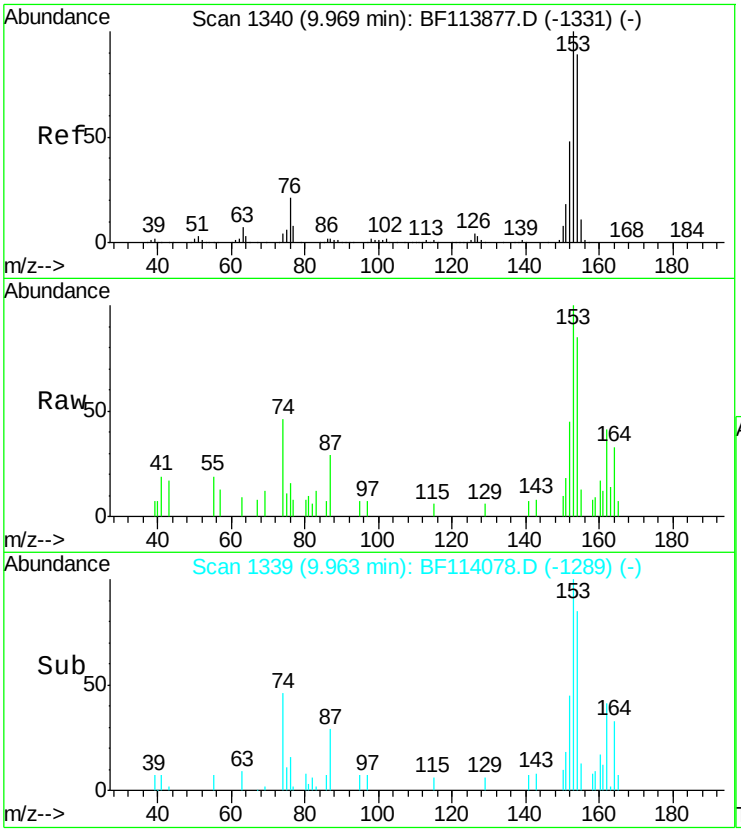


#51
2,6-Dinitrotoluene
Concen: 8.530 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.22 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion:165 Resp: 19977

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



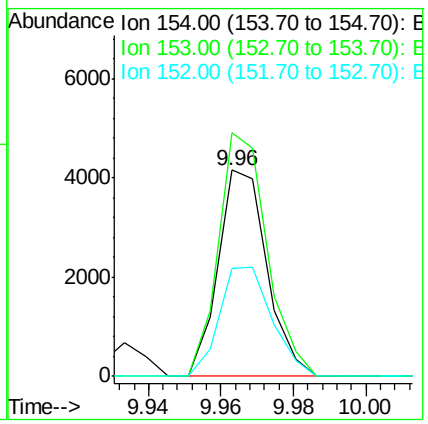


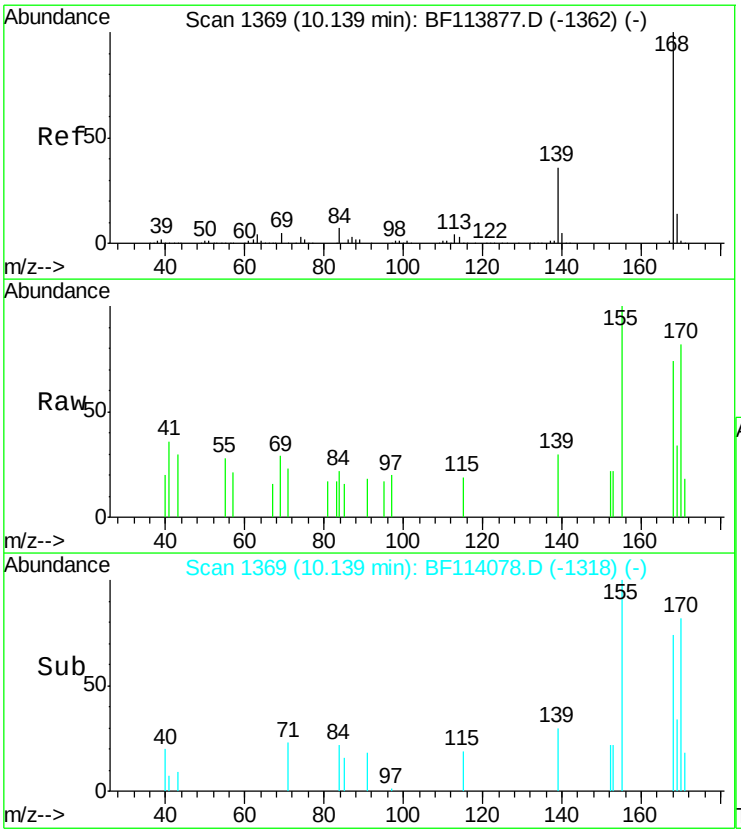
#52
Acenaphthene
Concen: 0.448 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 3884

Ion	Ratio	Lower	Upper
154	100		
153	118.3	87.2	130.8
152	52.6	42.3	63.5

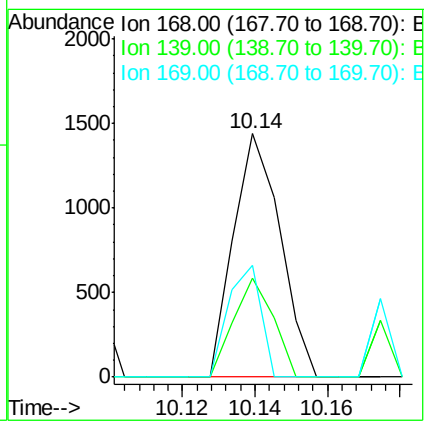


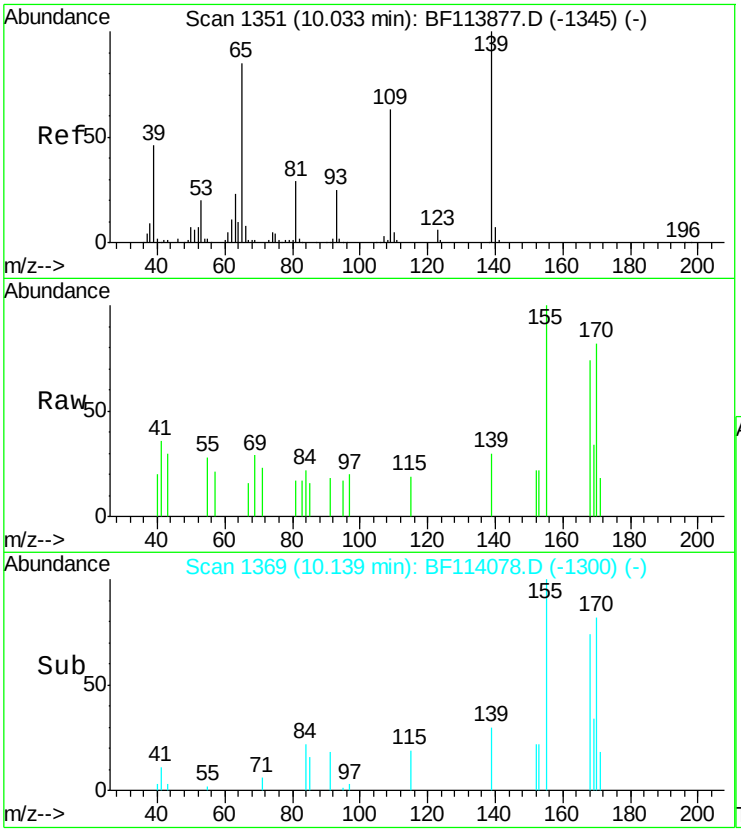


#55
Dibenzofuran
Concen: 0.099 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion:168 Resp: 1286

Ion	Ratio	Lower	Upper
168	100		
139	40.6	27.8	41.6
169	46.2	11.0	16.6#



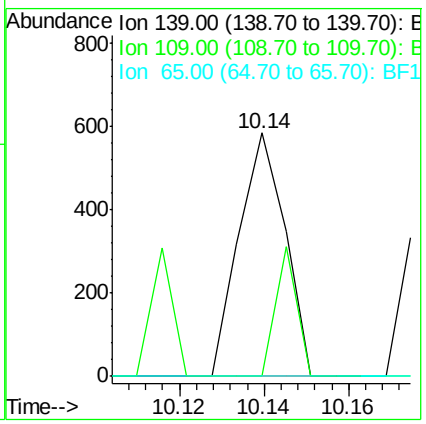


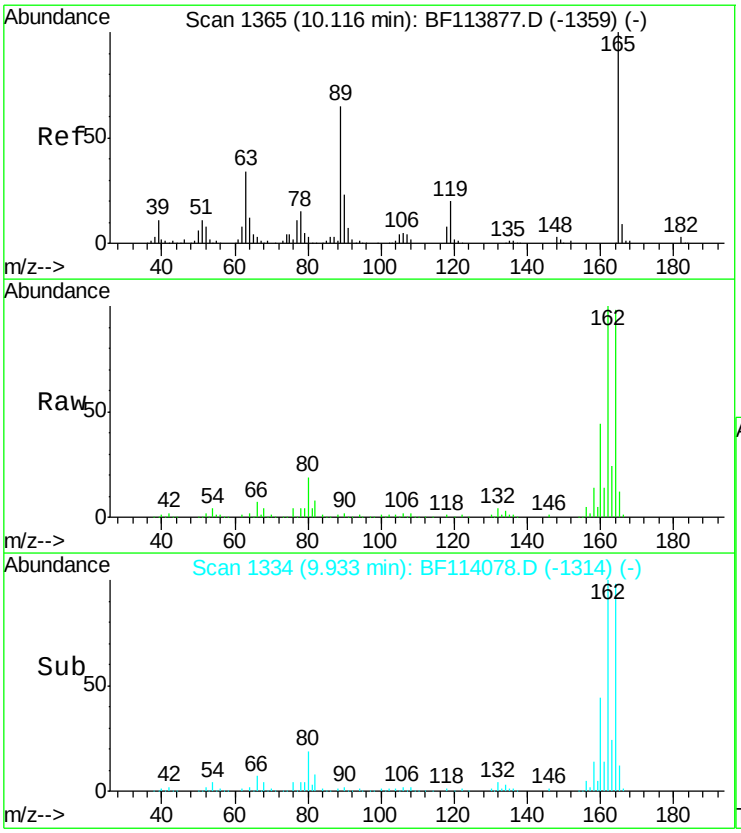
#56
4-Nitrophenol
Concen: 0.227 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.11 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 442

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

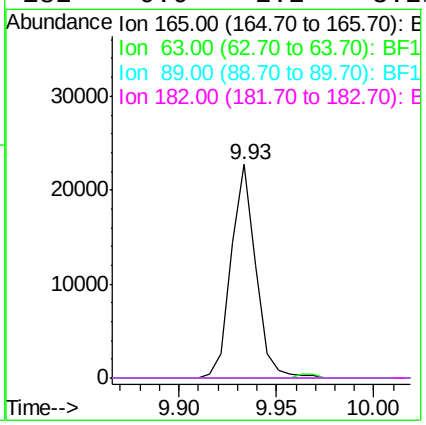


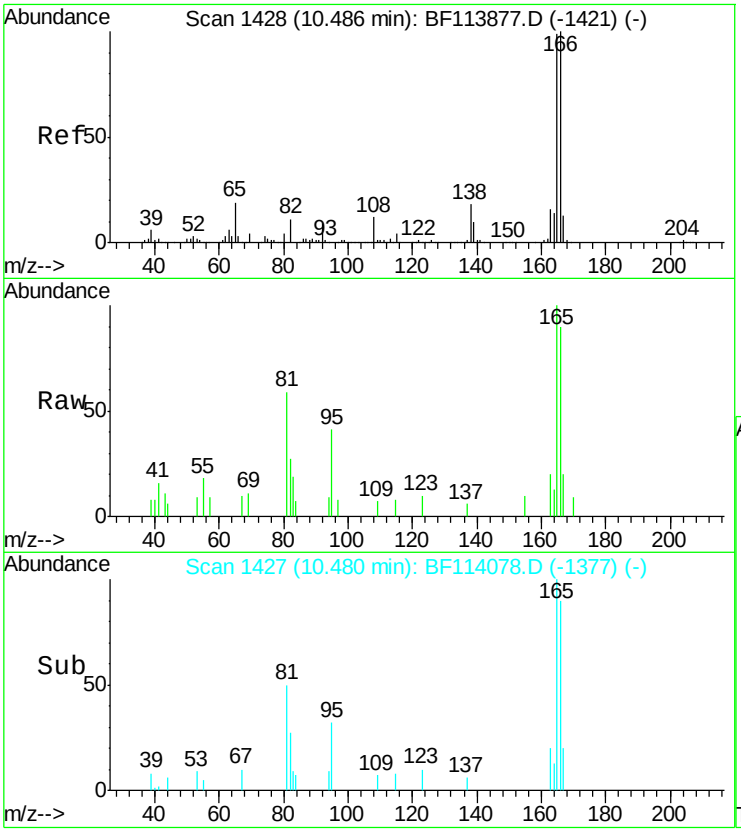


#57
2,4-Dinitrotoluene
Concen: 6.758 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion:165 Resp: 19977

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



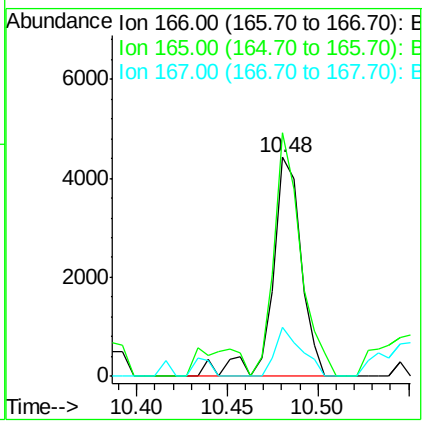


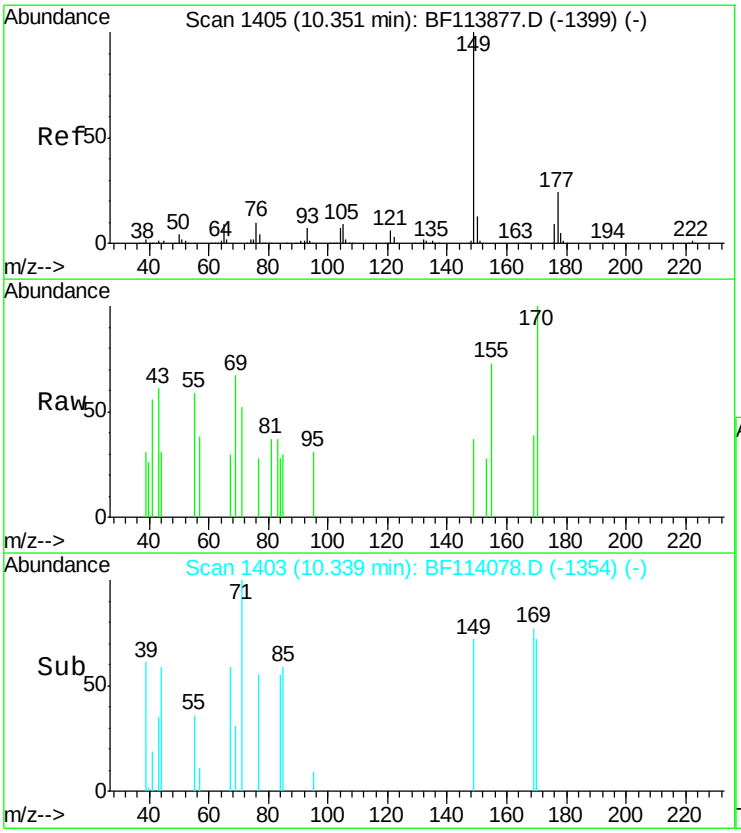
#58
Fluorene
Concen: 0.501 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 4903

Ion	Ratio	Lower	Upper
166	100		
165	111.1	78.4	117.6
167	22.6	10.9	16.3#

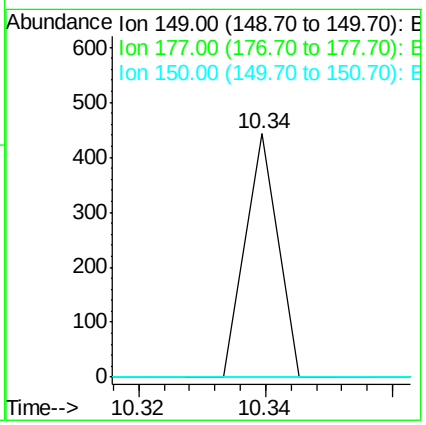


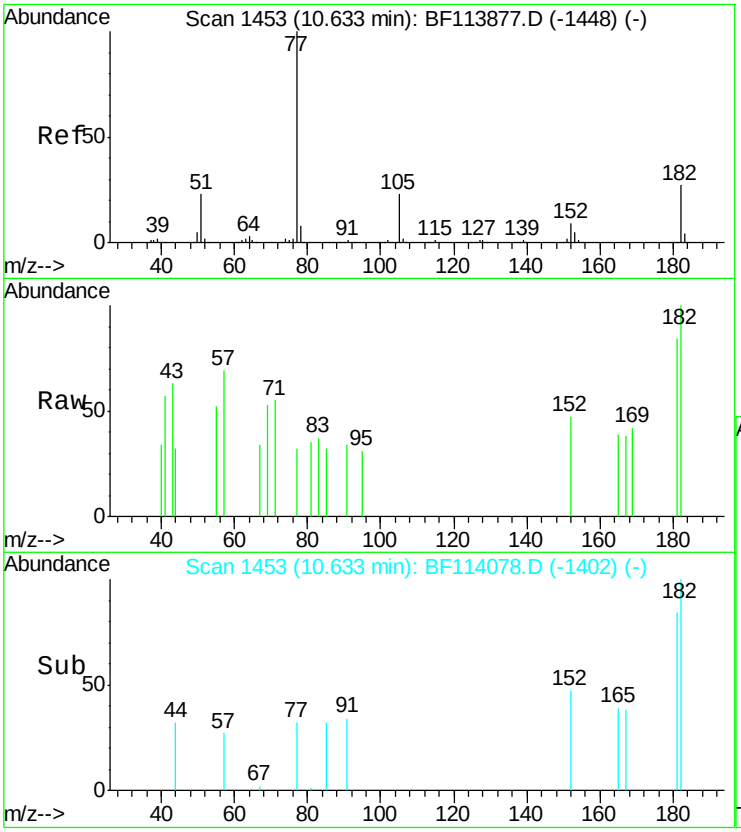


#60
Diethylphthalate
Concen: 0.015 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion:149 Resp: 156

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



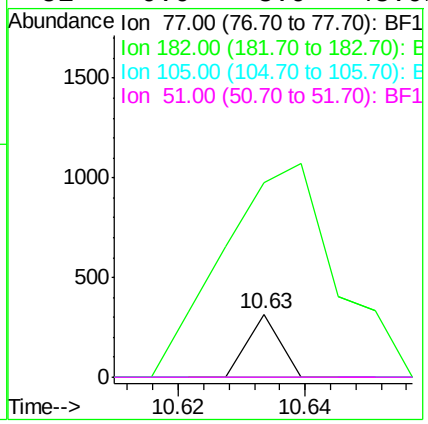


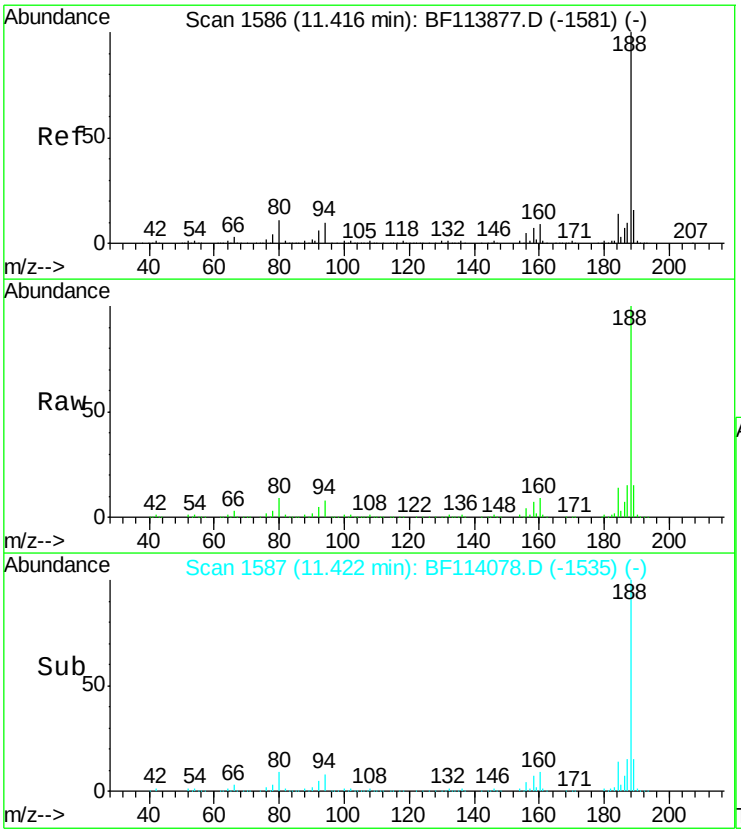
#63
Azobenzene
Concen: 0.011 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 112

Ion	Ratio	Lower	Upper
77	100		
182	308.5	4.4	44.4#
105	0.0	2.2	42.2#
51	0.0	3.9	43.9#

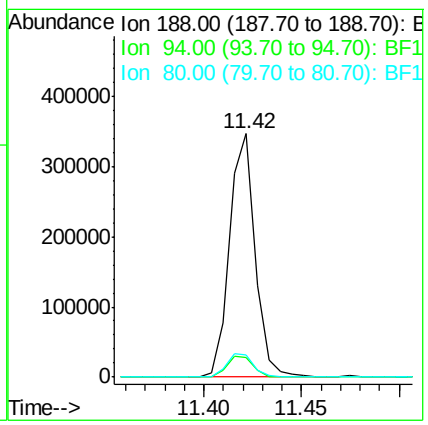


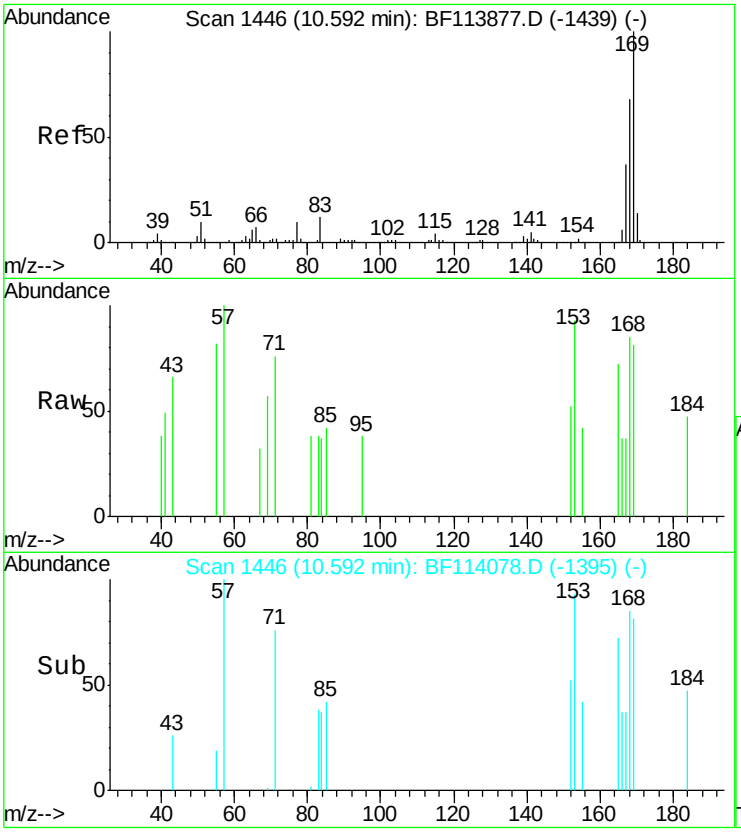


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion:188 Resp: 315706

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



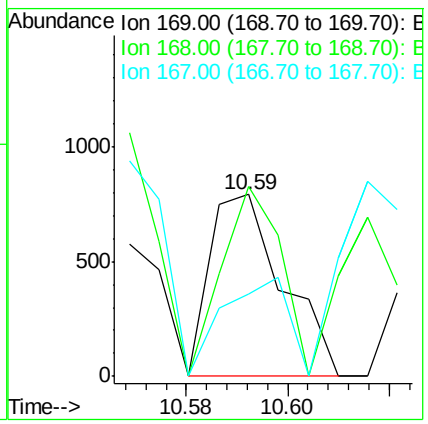


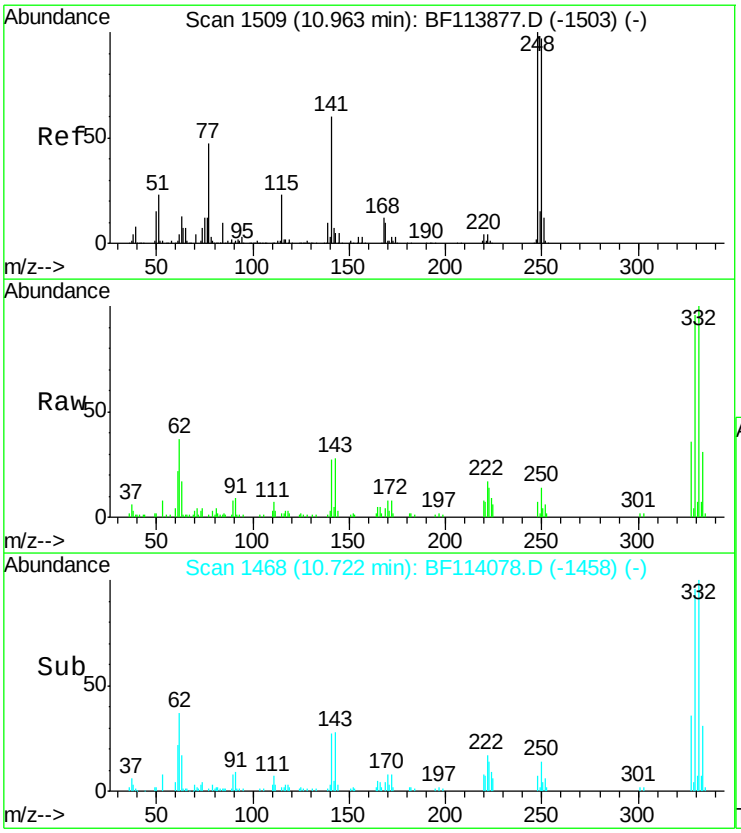
#66
n-Nitrosodiphenylamine
Concen: 0.084 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 795

Ion	Ratio	Lower	Upper
169	100		
168	104.3	54.3	81.5#
167	45.0	29.4	44.0#

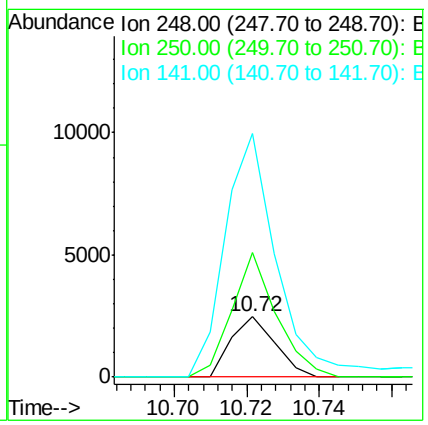


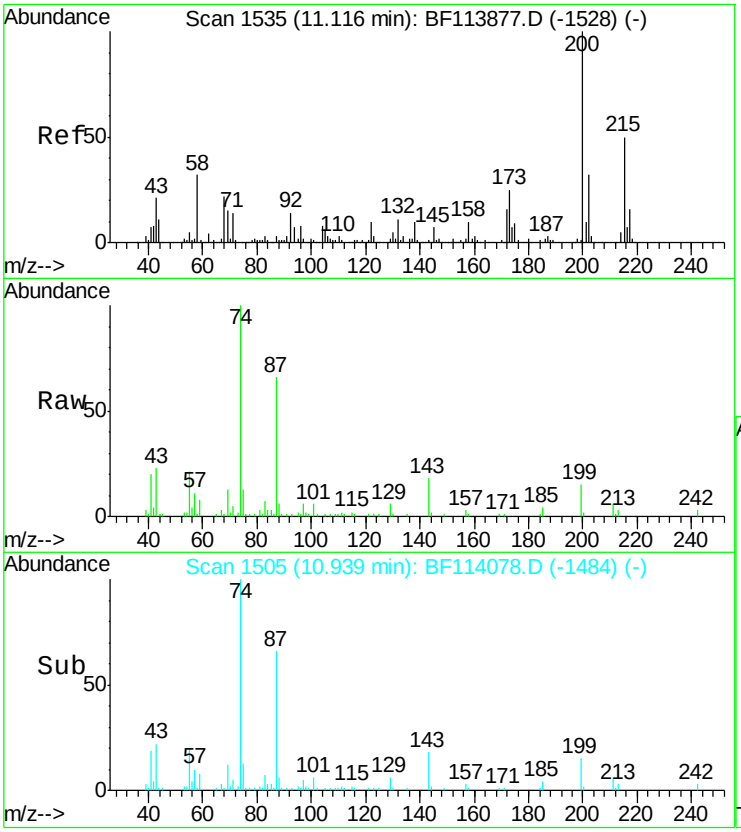


#67
4-Bromophenyl-phenylether
Concen: 0.549 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion:248 Resp: 2095

Ion	Ratio	Lower	Upper
248	100		
250	263.8	75.8	113.6#
141	404.4	50.2	75.4#



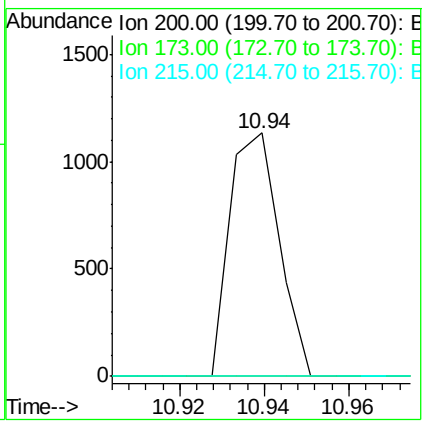


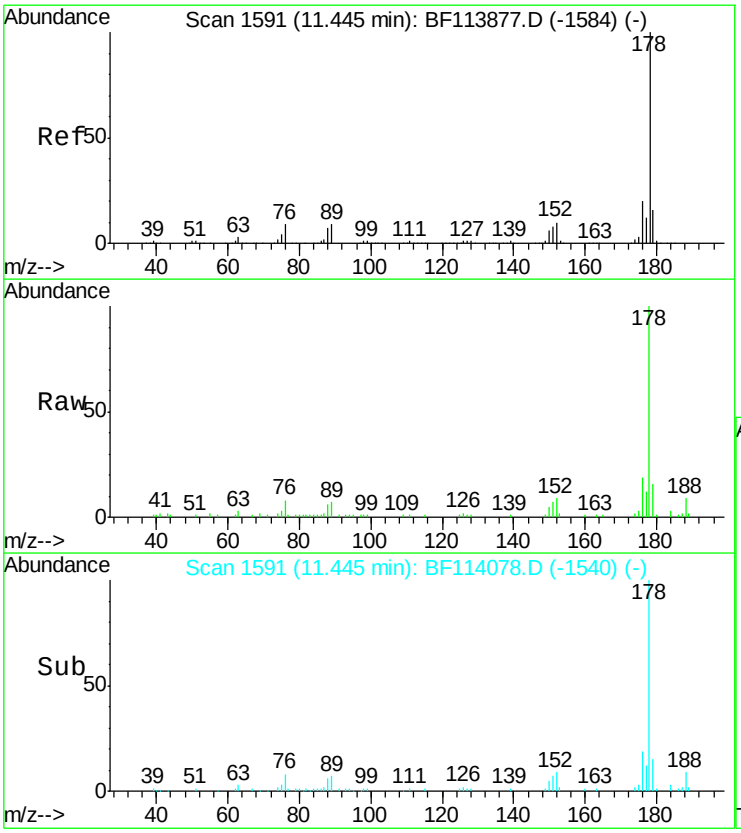
#69
Atrazine
Concen: 0.298 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.18 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:200 Resp: 919

Ion	Ratio	Lower	Upper
200	100		
173	0.0	5.9	45.9#
215	0.0	29.3	69.3#

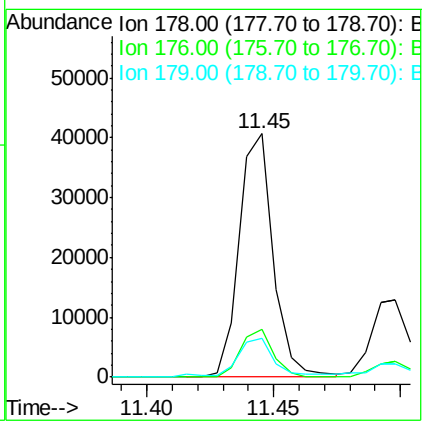


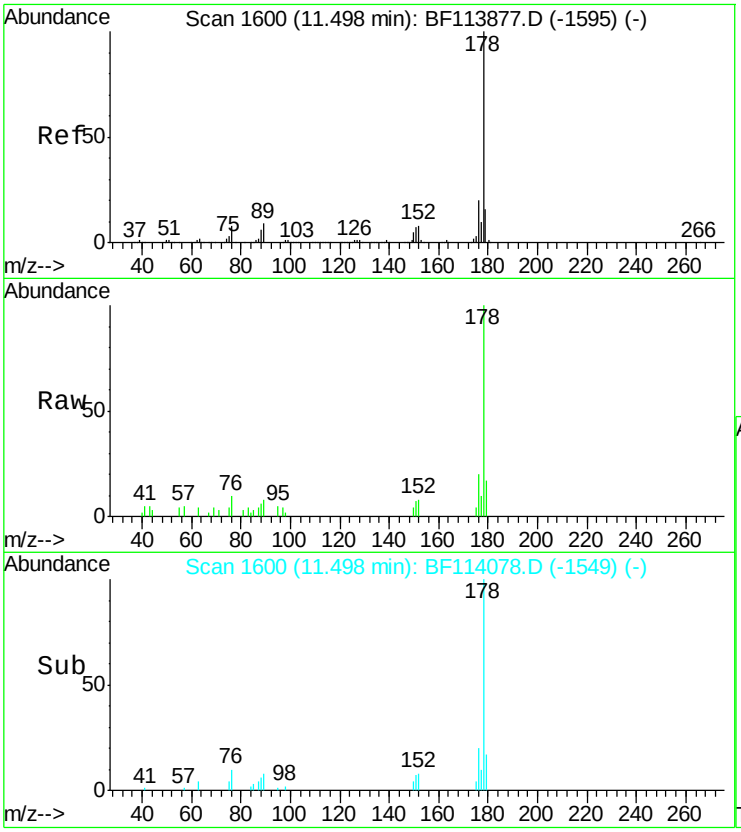


#71
Phenanthrene
Concen: 2.397 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion:178 Resp: 38025

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.1	24.1
179	16.2	12.8	19.2



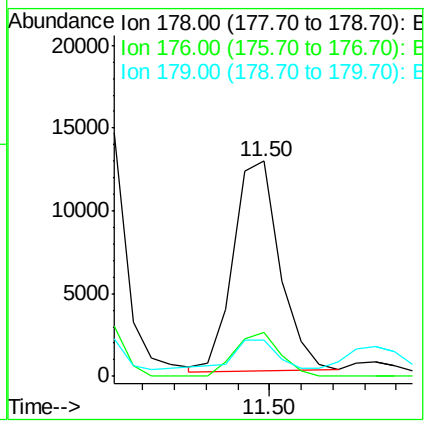


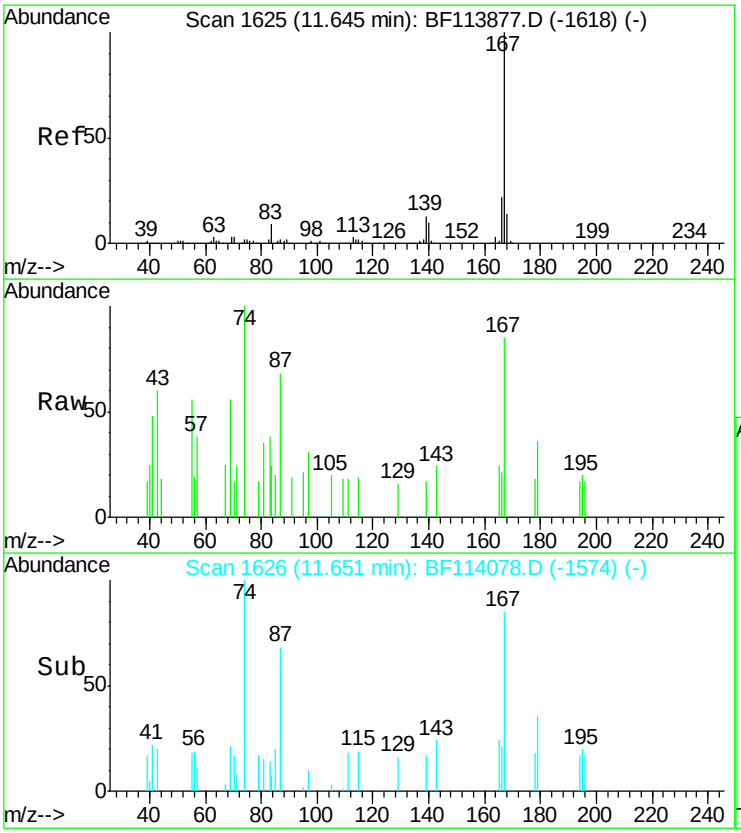
#72
Anthracene
Concen: 0.804 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 12877

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.7	23.5
179	16.7	13.0	19.4

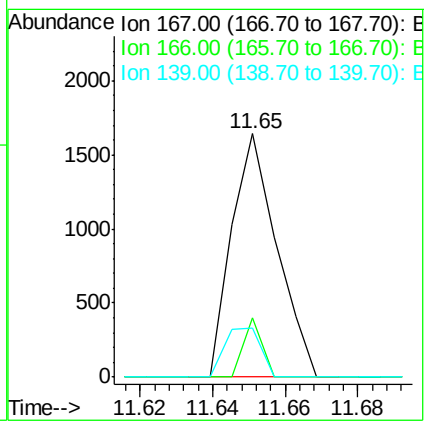


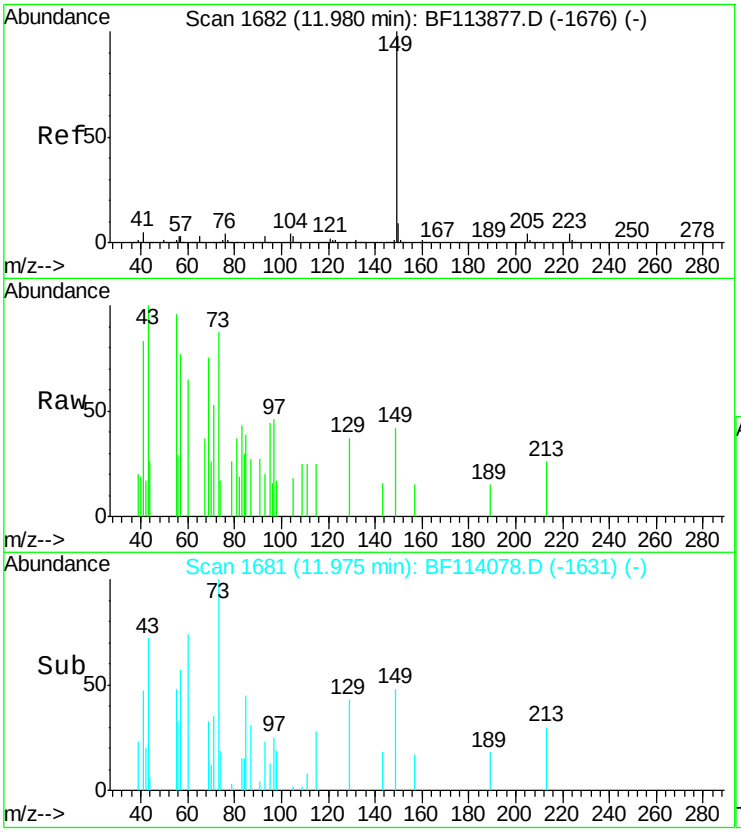


#73
Carbazole
Concen: 0.099 ng
RT: 11.65 min Scan# 1626
Delta R.T. 0.01 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion:167 Resp: 1421

Ion	Ratio	Lower	Upper
167	100		
166	24.3	17.7	26.5
139	20.0	10.0	15.0#



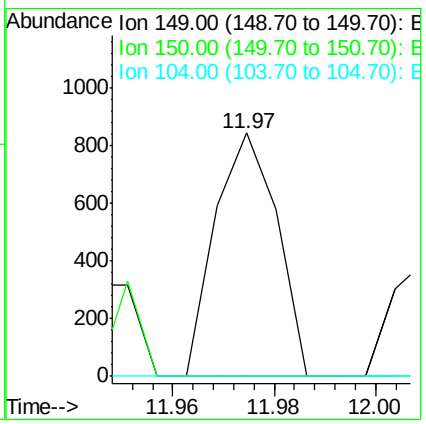


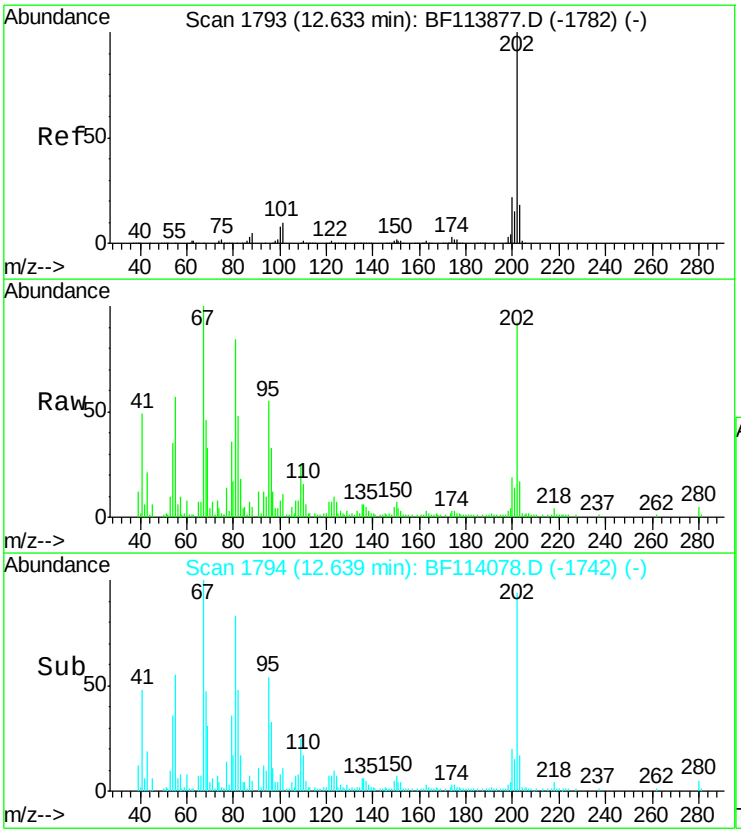
#74
Di-n-butylphthalate
Concen: 0.042 ng
RT: 11.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 713

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

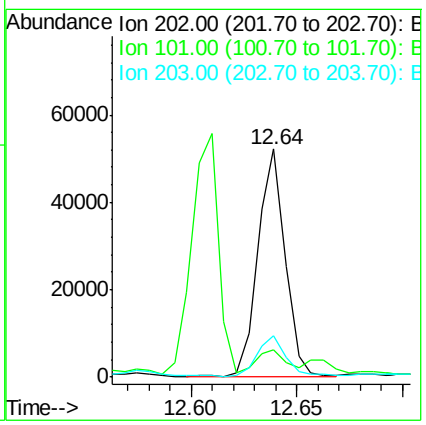


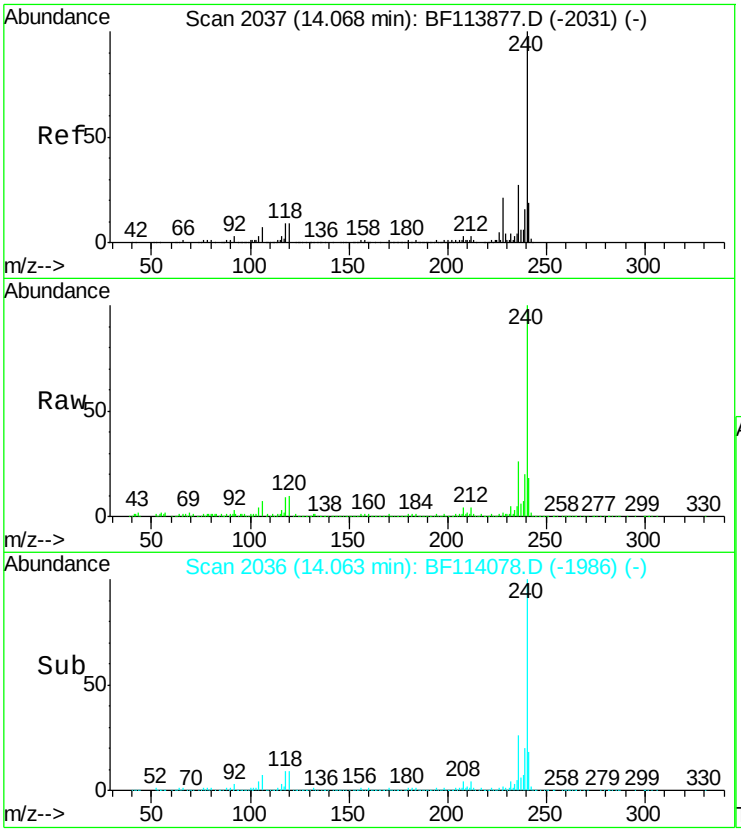


#75
Fluoranthene
Concen: 2.734 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.01 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion:202 Resp: 47323

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.9
203	18.0	0.0	38.2



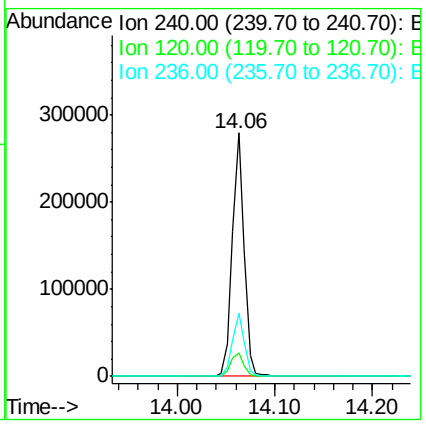


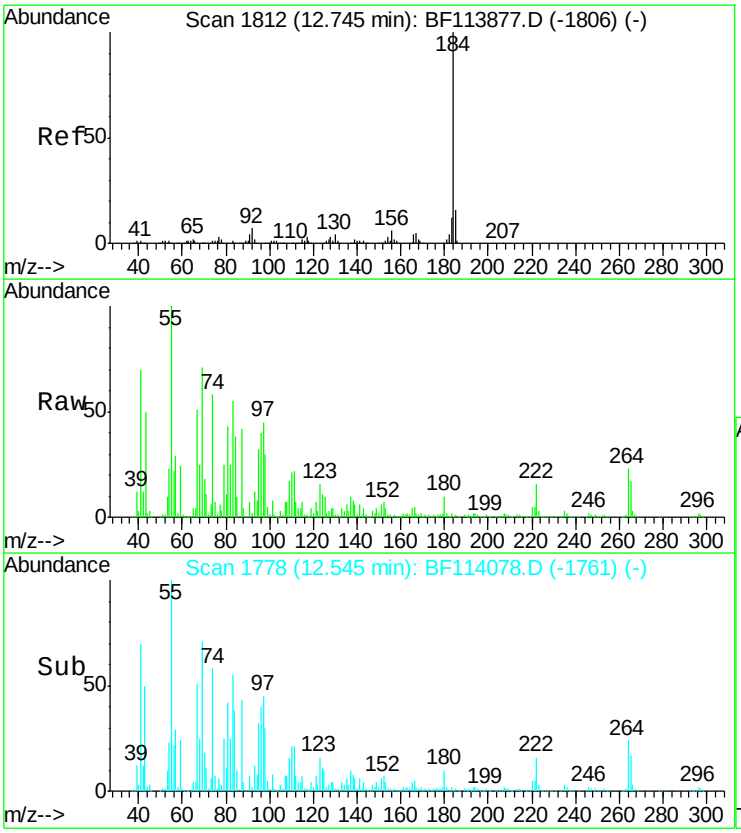
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 236250

Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.3	13.9
236	26.1	21.2	31.8

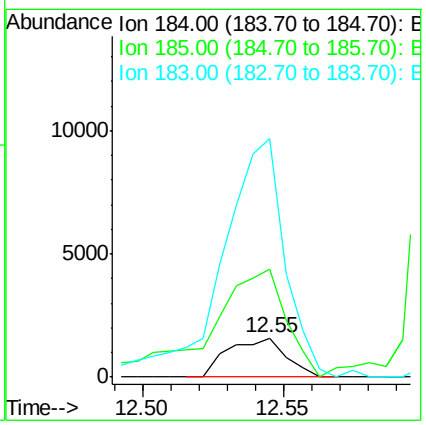


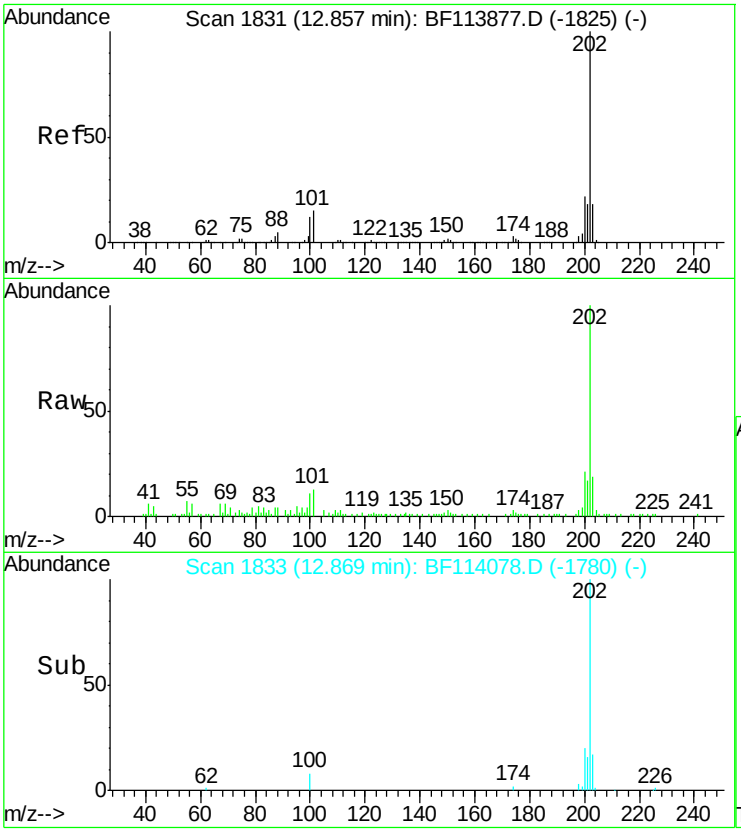


#77
Benzidine
Concen: 0.318 ng
RT: 12.55 min Scan# 1778
Delta R.T. -0.20 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion:184 Resp: 2240

Ion	Ratio	Lower	Upper
184	100		
185	276.2	13.0	19.6#
183	613.4	9.4	14.0#



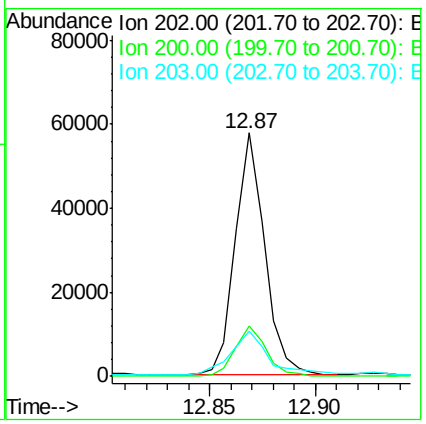


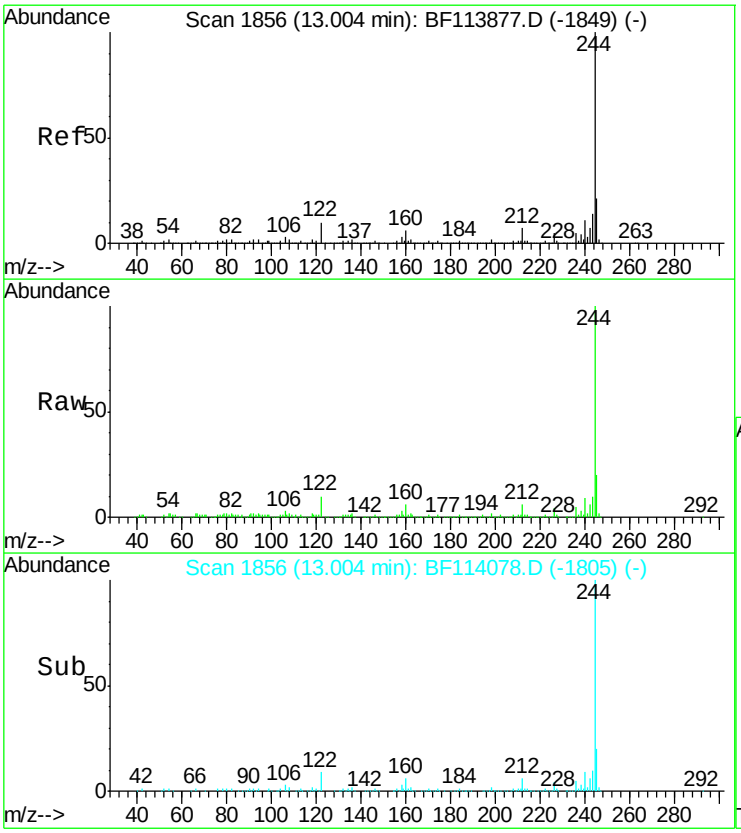
#78
Pyrene
Concen: 3.382 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 55881

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.7	26.5
203	18.5	15.0	22.6

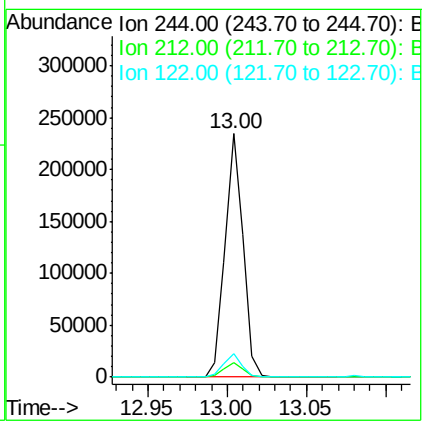


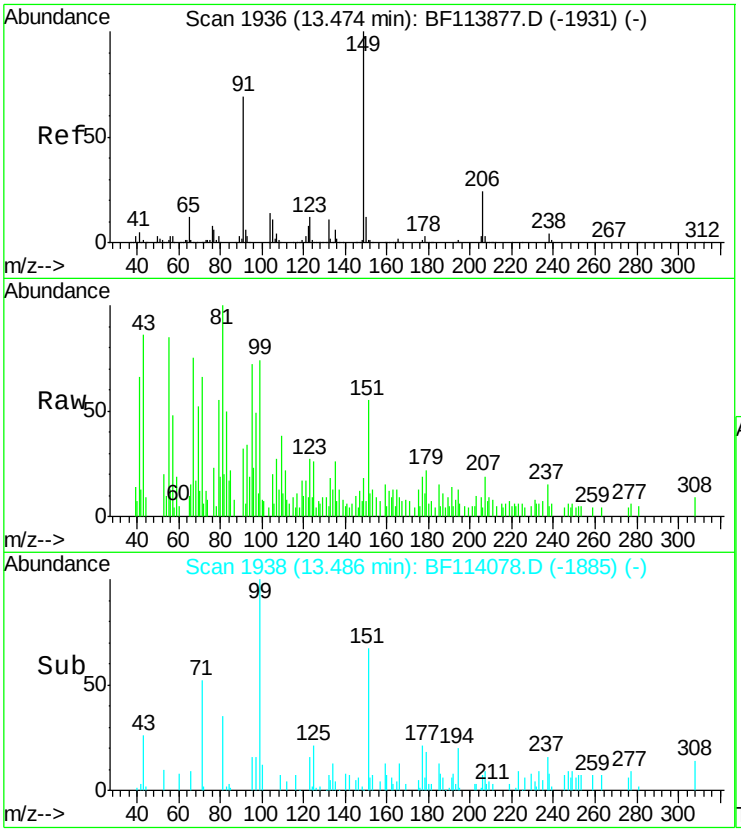


#79
Terphenyl-d14
Concen: 15.966 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.00 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion:244 Resp: 183991

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.4	8.2
122	9.7	7.6	11.4



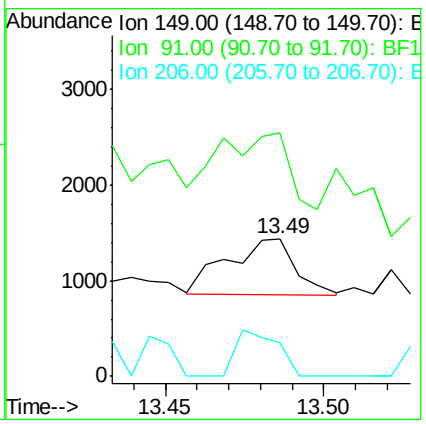


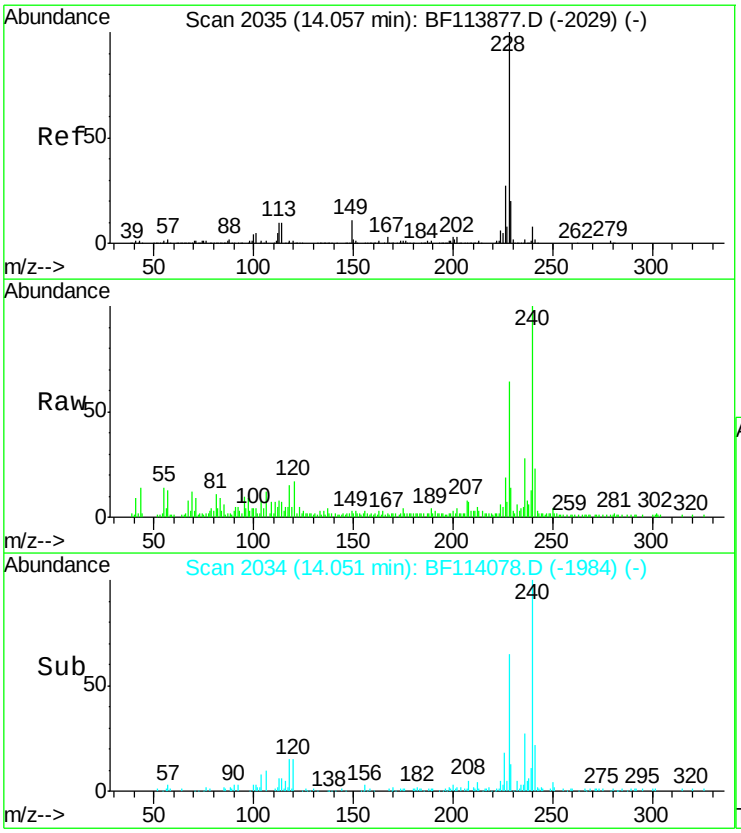
#80
Butylbenzylphthalate
Concen: 0.134 ng
RT: 13.49 min Scan# 1938
Delta R.T. 0.01 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 868

Ion	Ratio	Lower	Upper
149	100		
91	176.4	56.3	84.5#
206	24.4	19.0	28.6

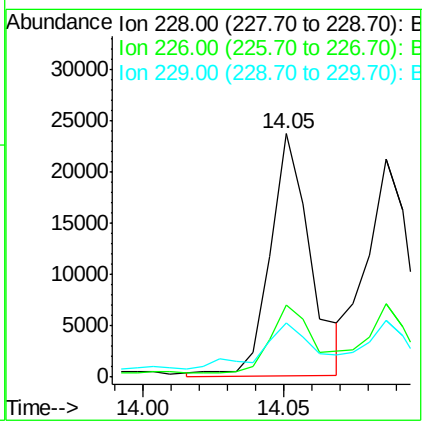


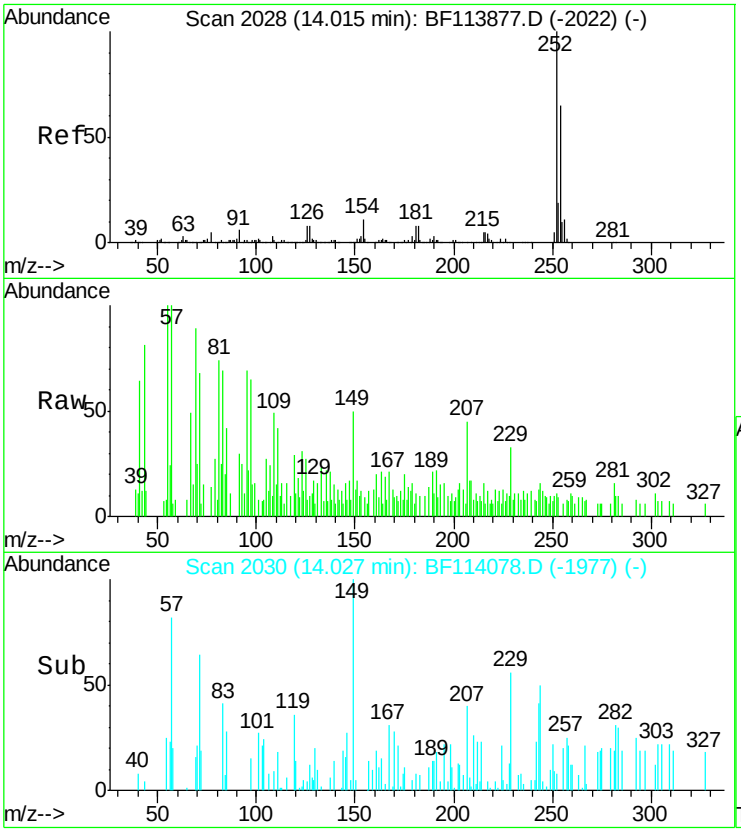


#81
Benzo(a)anthracene
Concen: 1.676 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion:228 Resp: 23325

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.2	33.2
229	22.4	16.0	24.0



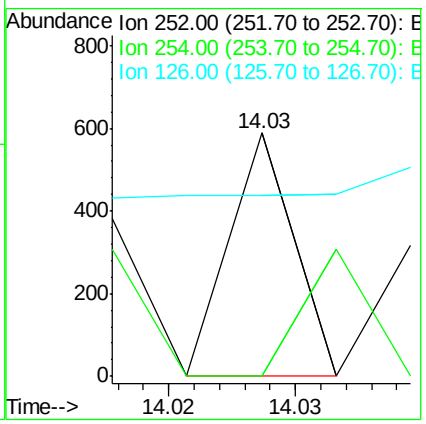


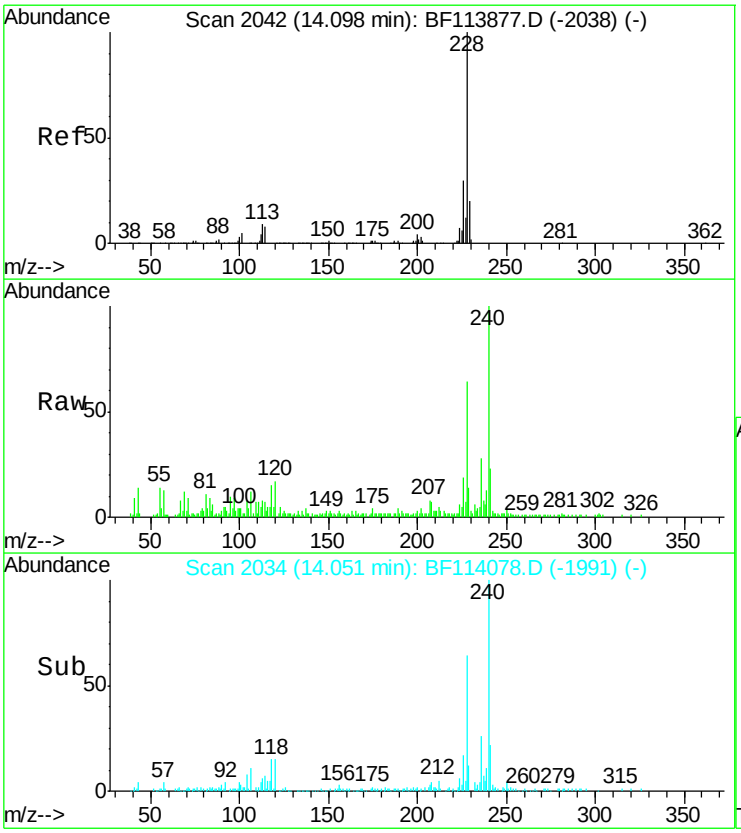
#82
3,3'-Dichlorobenzidine
Concen: 0.041 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 208

Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.1	78.1#
126	74.5	9.3	13.9#

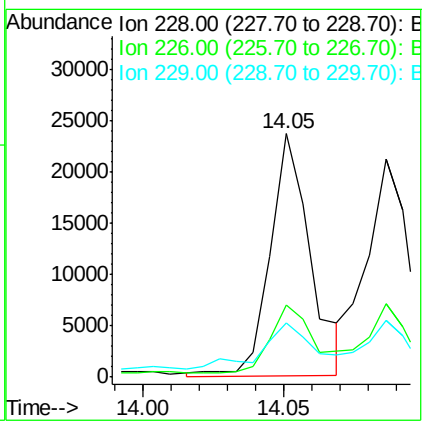


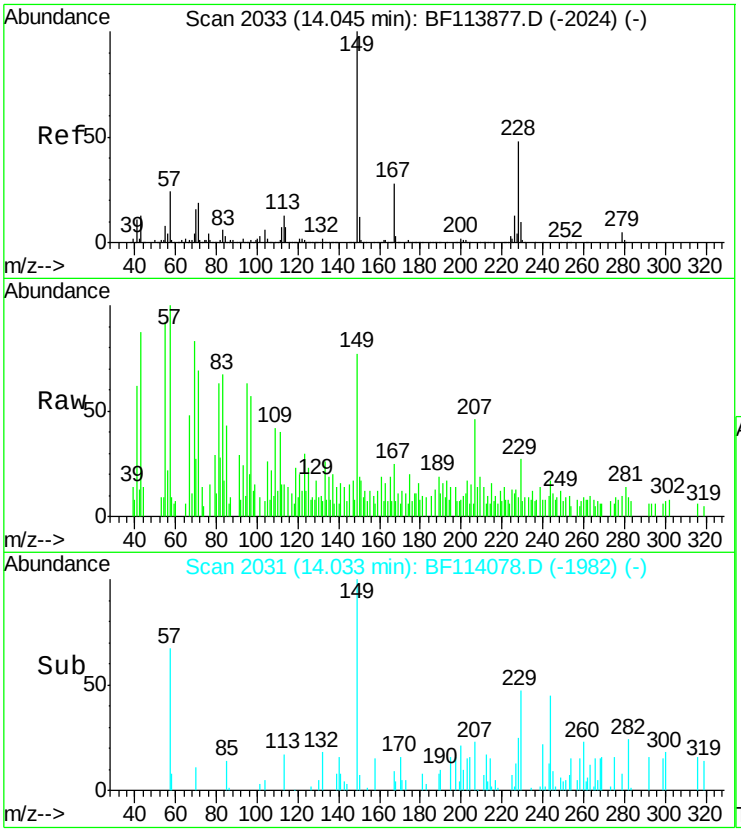


#83
Chrysene
Concen: 1.721 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.05 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion:228 Resp: 23325

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.2	37.8
229	22.4	16.7	25.1



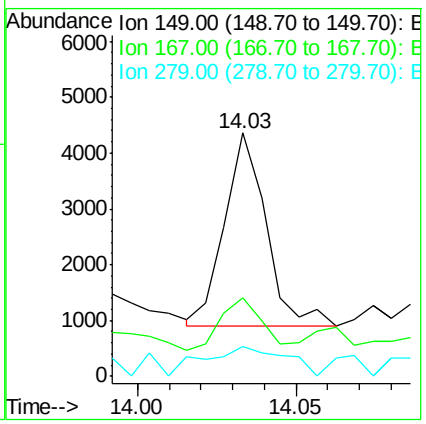


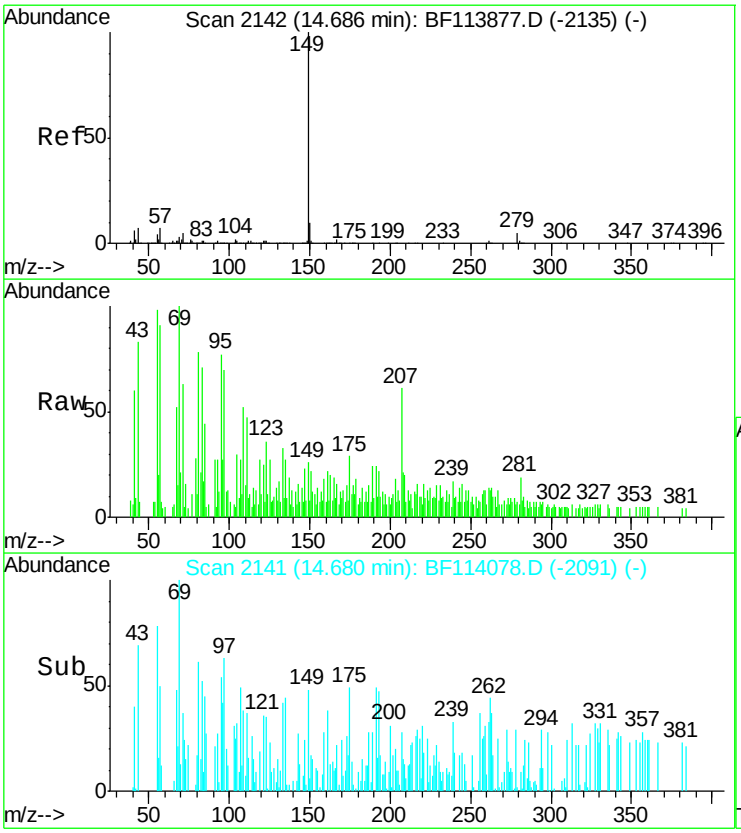
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.379 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 3136

Ion	Ratio	Lower	Upper
149	100		
167	32.4	22.9	34.3
279	12.4	4.2	6.2#

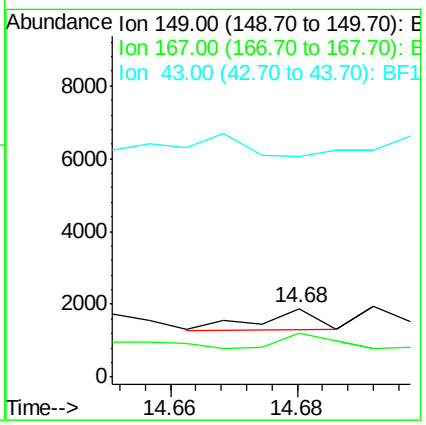


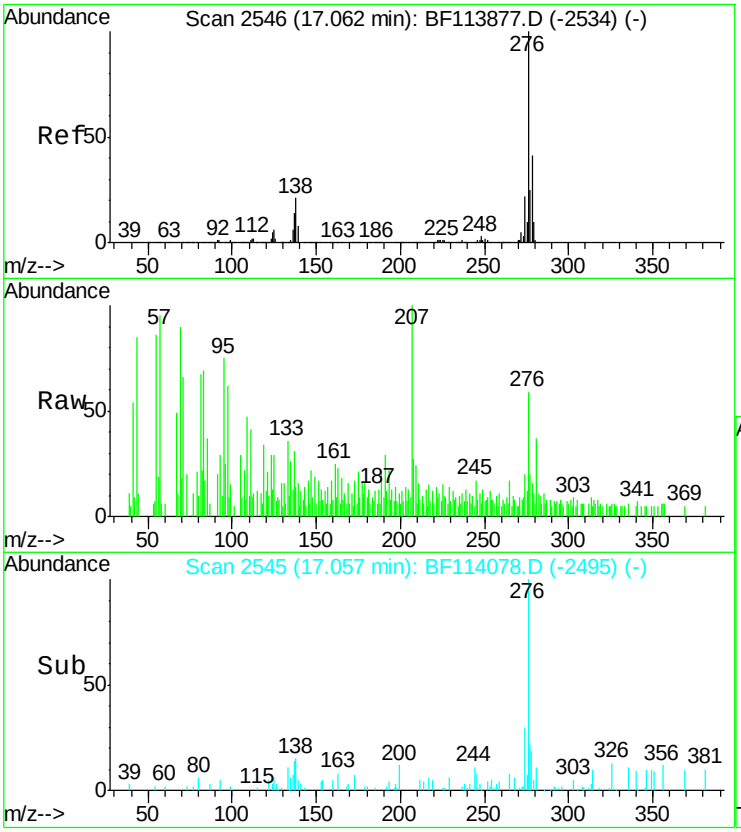


#85
Di-n-octyl phthalate
Concen: 0.027 ng
RT: 14.68 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion:149 Resp: 350

Ion	Ratio	Lower	Upper
149	100		
167	83.4	1.3	1.9#
43	0.0	6.6	10.0#



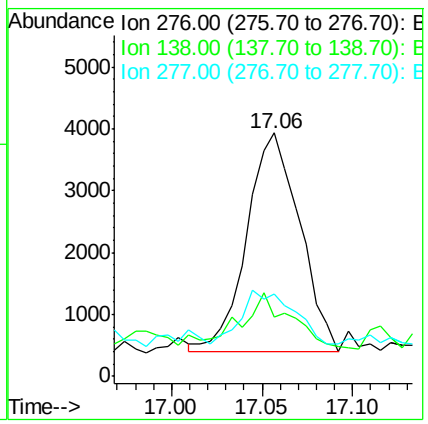


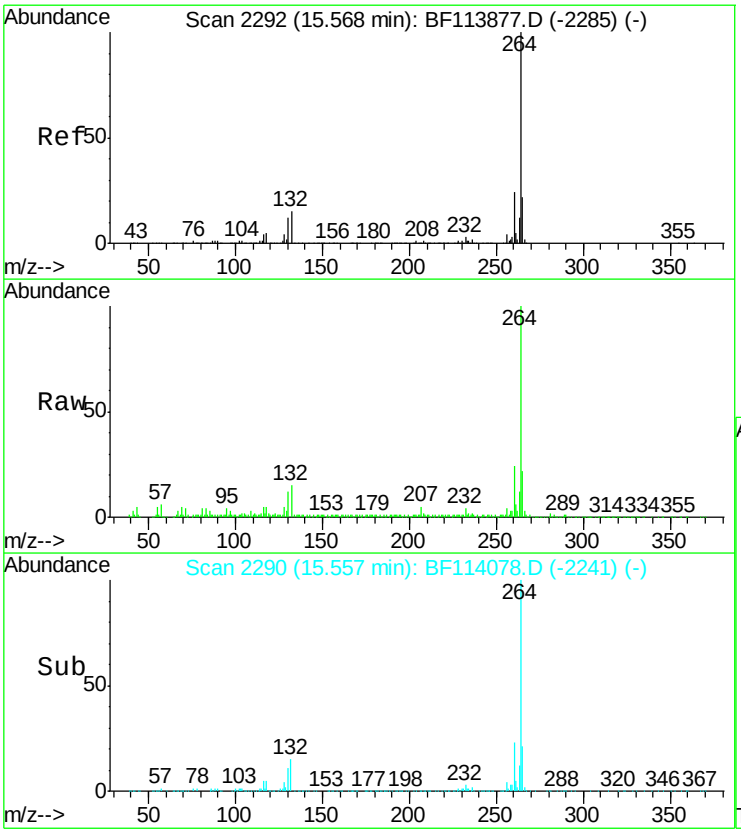
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.562 ng
RT: 17.06 min Scan# 2545
Delta R.T. -0.01 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 7214

Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.6	29.4
277	24.7	20.2	30.4

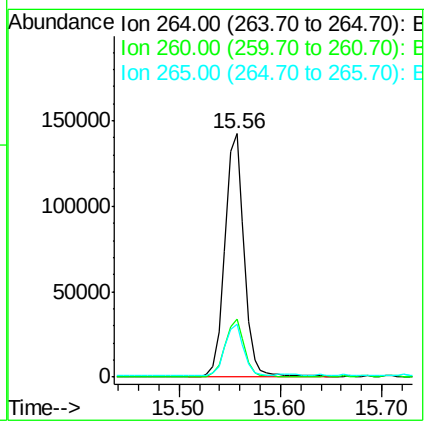


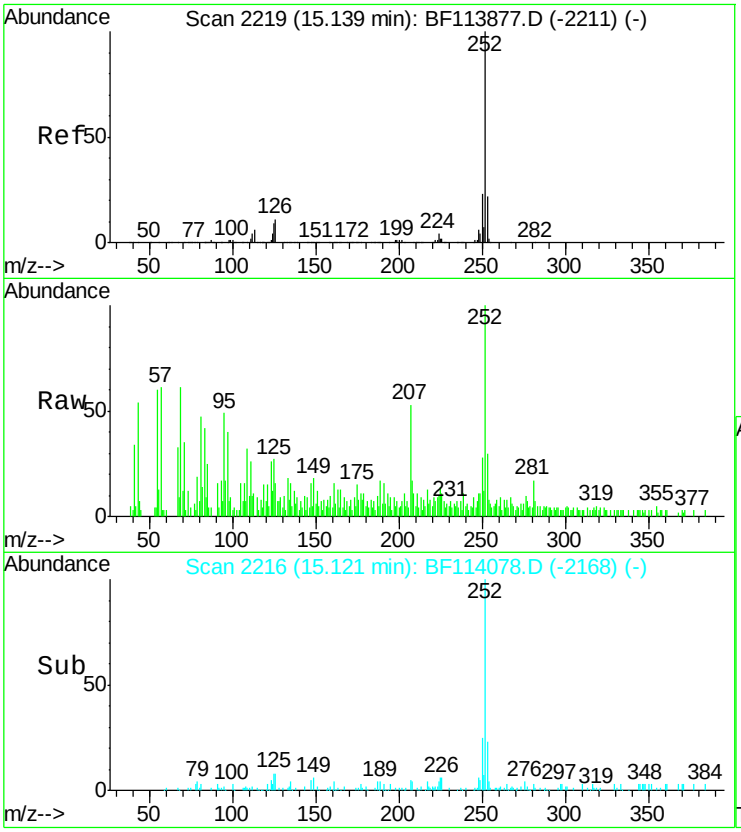


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion:264 Resp: 184998

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.9	17.3	25.9



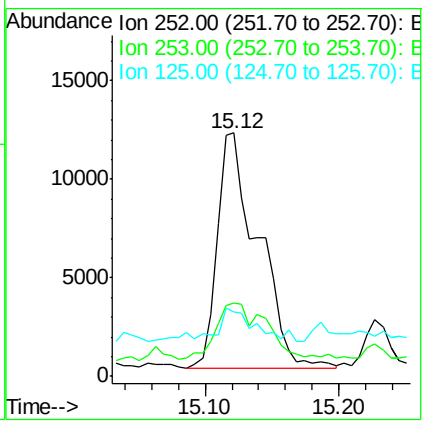


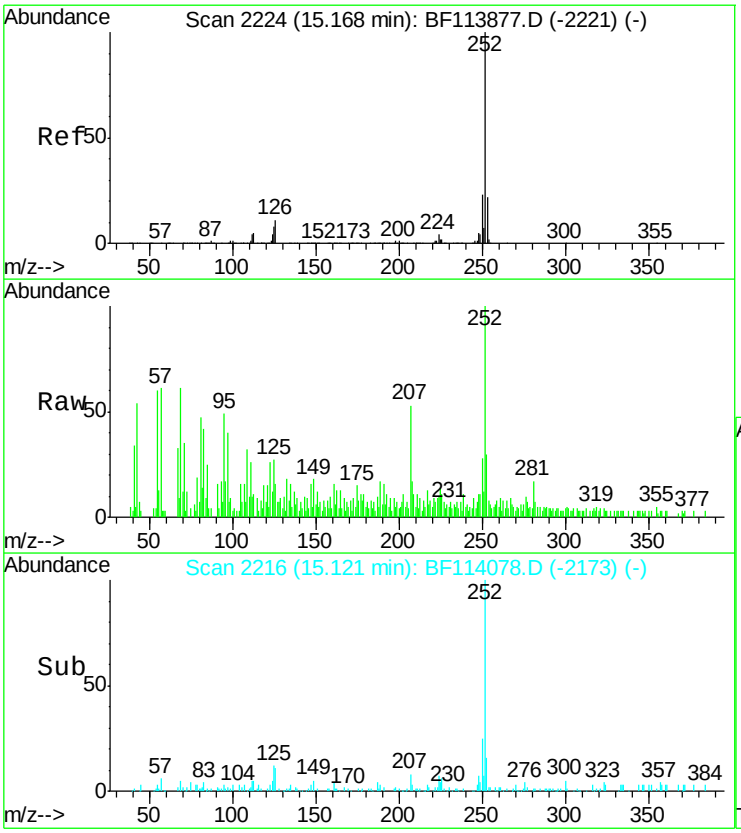
#88
Benzo(b)fluoranthene
Concen: 2.181 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 25528

Ion	Ratio	Lower	Upper
252	100		
253	30.0	17.8	26.6#
125	26.5	7.0	10.6#

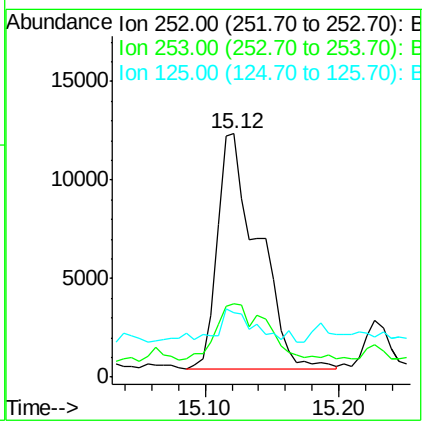


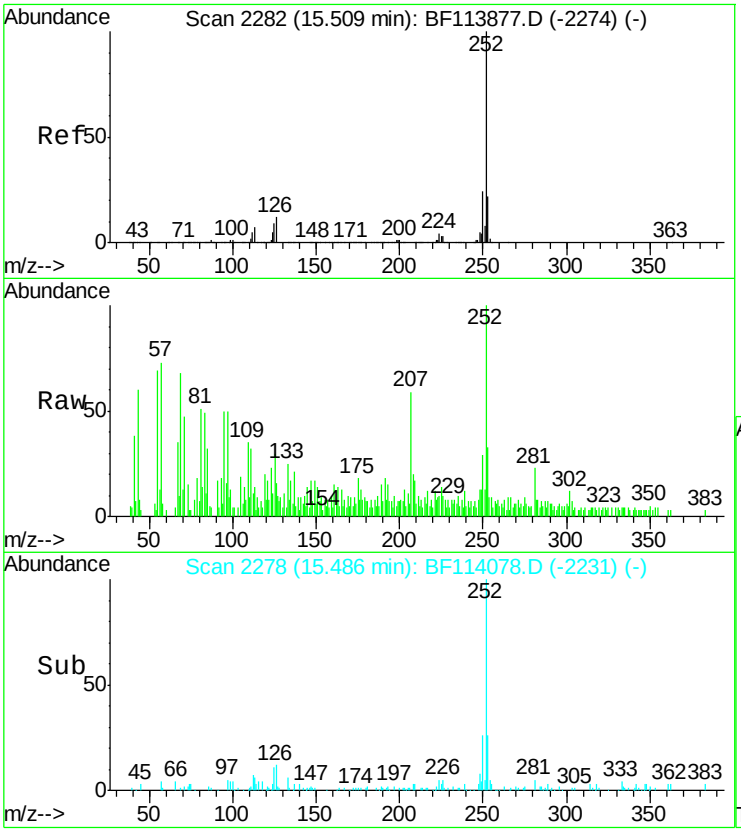


#89
Benzo(k)fluoranthene
Concen: 2.536 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.05 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion:252 Resp: 25528

Ion	Ratio	Lower	Upper
252	100		
253	30.0	18.2	27.2#
125	26.5	7.4	11.2#



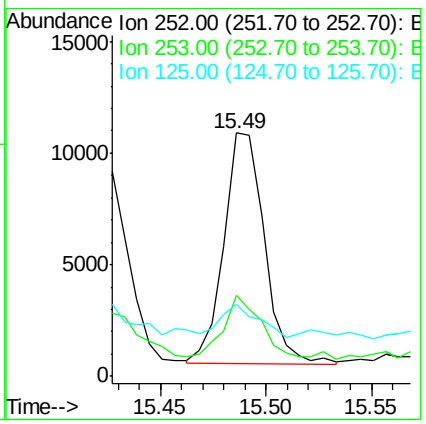


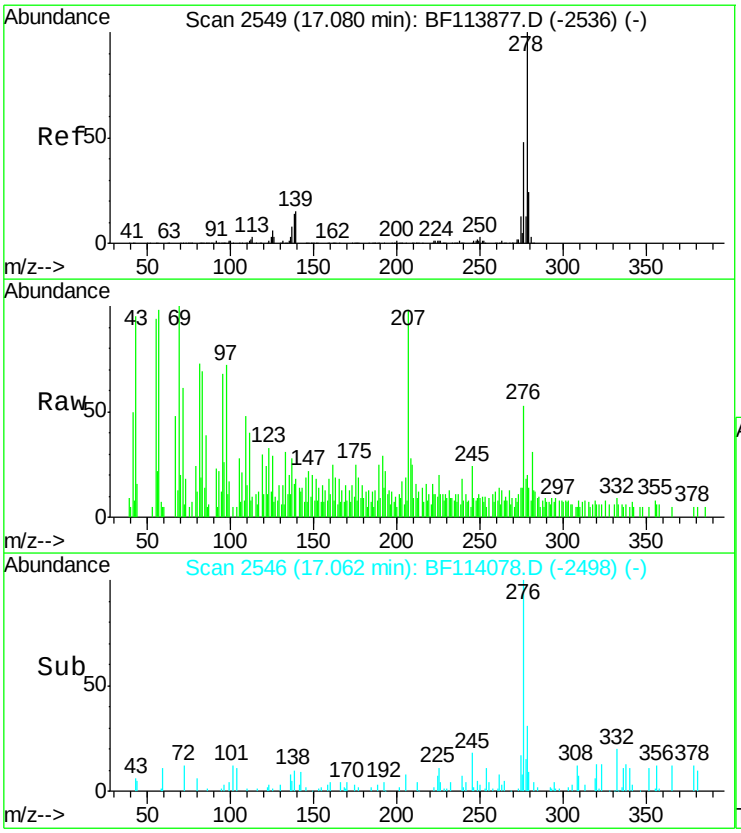
#90
Benzo(a)pyrene
Concen: 1.353 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 13702

Ion	Ratio	Lower	Upper
252	100		
253	33.2	17.5	26.3#
125	29.7	8.5	12.7#

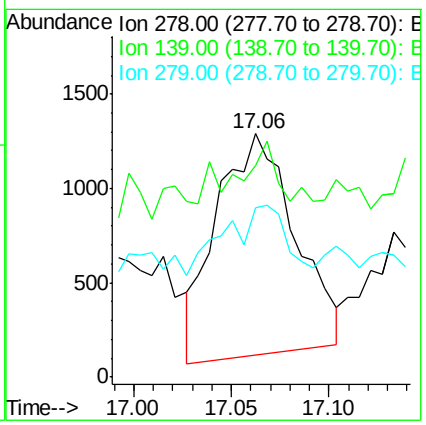


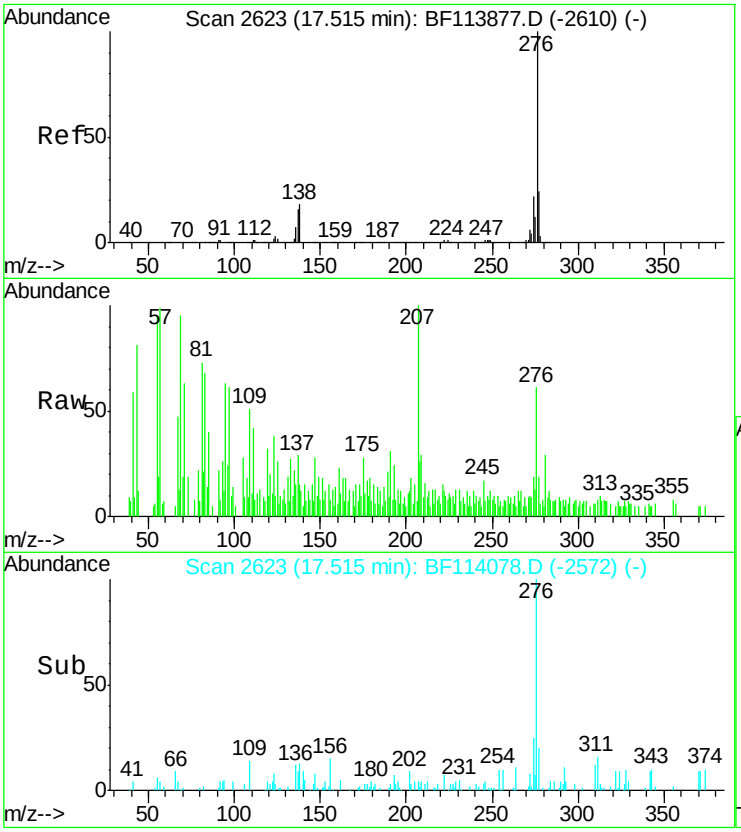


#91
Dibenzo(a,h)anthracene
Concen: 0.345 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.02 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Tgt Ion:278 Resp: 3280

Ion	Ratio	Lower	Upper
278	100		
139	86.7	11.6	17.4#
279	69.3	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 0.884 ng
RT: 17.52 min Scan# 2623
Delta R.T. 0.00 min
Lab File: BF114078.D
Acq: 1 May 2019 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 8476

Ion	Ratio	Lower	Upper
276	100		
277	31.6	19.0	28.4#
138	25.1	16.6	25.0#