Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
Data File : BF114068.D
Acq On : 1 May 2019 14:47
Operator : JU/SJ
Sample : K2191-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 02 00:59:09 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	116061	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	360666	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	220994	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	389739	20.00	ng		0.00
76) Chrysene-d12	14.07	240	286268	20.00	ng		0.00
87) Perylene-d12	15.58	264	219818	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	523198	77.10	ng		0.00
7) Phenol-d6	6.53	99	740208	86.94	ng		0.00
23) Nitrobenzene-d5	7.46	82	383643	65.68	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	213166	79.18	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	791235	56.00	ng		0.00
79) Terphenyl-d14	13.00	244	719017	51.49	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.54	93	310	0.027	ng	#	1
9) Benzaldehyde	6.45	77	7924	Below Cal			87
10) Phenol	6.54	94	14069	1.382	ng		92
11) bis(2-Chloroethyl)ether	6.67	93	818	0.107	ng	#	1
15) Benzyl Alcohol	7.05	79	7773	1.356	ng	#	49
17) 2-Methylphenol	7.03	107	271	0.040	ng	#	12
19) n-Nitroso-di-n-propylamine	7.46	70	50878	9.228	ng	#	75
20) 3+4-Methylphenols	7.30	107	349	0.045	ng	#	14
22) Acetophenone	7.30	105	710	0.088	ng	#	58
24) Nitrobenzene	7.45	77	1203	0.186	ng	#	35
25) Isophorone	7.46	82	383638	32.098	ng	#	65
27) 2,4-Dimethylphenol	7.96	122	228	0.048	ng	#	50
28) bis(2-Chloroethoxy)methane	8.19	93	113	0.015	ng	#	1
31) Naphthalene	8.20	128	4351	0.254	ng		97
32) Benzoic acid	7.96	122	228	0.070	ng	#	1
33) 4-Chloroaniline	8.20	127	513	0.071	ng	#	42
35) Caprolactam	8.61	113	108	0.062	ng	#	1
36) 4-Chloro-3-methylphenol	8.71	107	944	0.174	ng	#	19
37) 2-Methylnaphthalene	8.89	142	2913	0.252	ng		95
38) 1-Methylnaphthalene	8.99	142	2116	0.190	ng	#	97
46) 1,1'-Biphenyl	9.36	154	1890	0.112	ng		98
47) 2-Chloronaphthalene	9.64	162	857	0.062	ng	#	1
48) 2-Nitroaniline	9.47	65	468	0.130	ng	#	44
49) Acenaphthylene	9.80	152	2363	0.110	ng	#	67
50) Dimethylphthalate	9.64	163	99894	6.250	ng		99
51) 2,6-Dinitrotoluene	9.65	165	1178	0.344	ng	#	28
52) Acenaphthene	9.96	154	284	0.022	ng	#	63
53) 3-Nitroaniline	9.89	138	418	0.116	ng	#	1
55) Dibenzofuran	10.14	168	1237	0.065	ng	#	62
56) 4-Nitrophenol	10.03	139	429	0.150	ng	#	1
57) 2,4-Dinitrotoluene	10.21	165	1010	0.233	ng	#	27
58) Fluorene	10.48	166	1186	0.083	ng	#	88
60) Diethylphthalate	10.35	149	504	0.033	ng	#	52
61) 4-Chlorophenyl-phenylether	10.38	204	222	0.029	ng	#	17

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
Data File : BF114068.D
Acq On : 1 May 2019 14:47
Operator : JU/SJ
Sample : K2191-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 02 00:59:09 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)
62) 4-Nitroaniline	10.50	138	114	0.032	ng	#	33
63) Azobenzene	10.61	77	410	0.028	ng	#	29
65) 4,6-Dinitro-2-methylphenol	10.73	198	528	7.559	ng	#	1
66) n-Nitrosodiphenylamine	10.59	169	2113	0.181	ng	#	24
67) 4-Bromophenyl-phenylether	10.73	248	13318	2.829	ng	#	1
71) Phenanthrene	11.45	178	8496	0.434	ng	#	89
72) Anthracene	11.50	178	2272	0.115	ng	#	73
73) Carbazole	11.65	167	1274	0.072	ng	#	39
74) Di-n-butylphthalate	11.97	149	2499	0.120	ng	#	75
75) Fluoranthene	12.64	202	8434	0.395	ng		88
77) Benzidine	12.73	184	1254	0.147	ng	#	1
78) Pyrene	12.87	202	8894	0.444	ng	#	91
80) Butylbenzylphthalate	13.50	149	116	0.015	ng	#	48
81) Benzo(a)anthracene	14.06	228	4779	0.283	ng	#	59
82) 3,3'-Dichlorobenzidine	14.02	252	130	0.021	ng	#	46
83) Chrysene	14.10	228	5592	0.340	ng	#	60
84) Bis(2-ethylhexyl)phthalate	14.04	149	2003	0.200	ng	#	63
85) Di-n-octyl phthalate	14.71	149	1057	0.067	ng	#	1
86) Indeno(1,2,3-cd)pyrene	17.07	276	3301	0.212	ng	#	70
88) Benzo(b)fluoranthene	15.14	252	7269	0.523	ng	#	1
89) Benzo(k)fluoranthene	15.14	252	7240	0.605	ng	#	1
90) Benzo(a)pyrene	15.52	252	3231	0.269	ng	#	1
91) Dibenzo(a,h)anthracene	17.09	278	1915	0.170	ng	#	1
92) Benzo(g,h,i)perylene	17.54	276	3543	0.311	ng	#	21

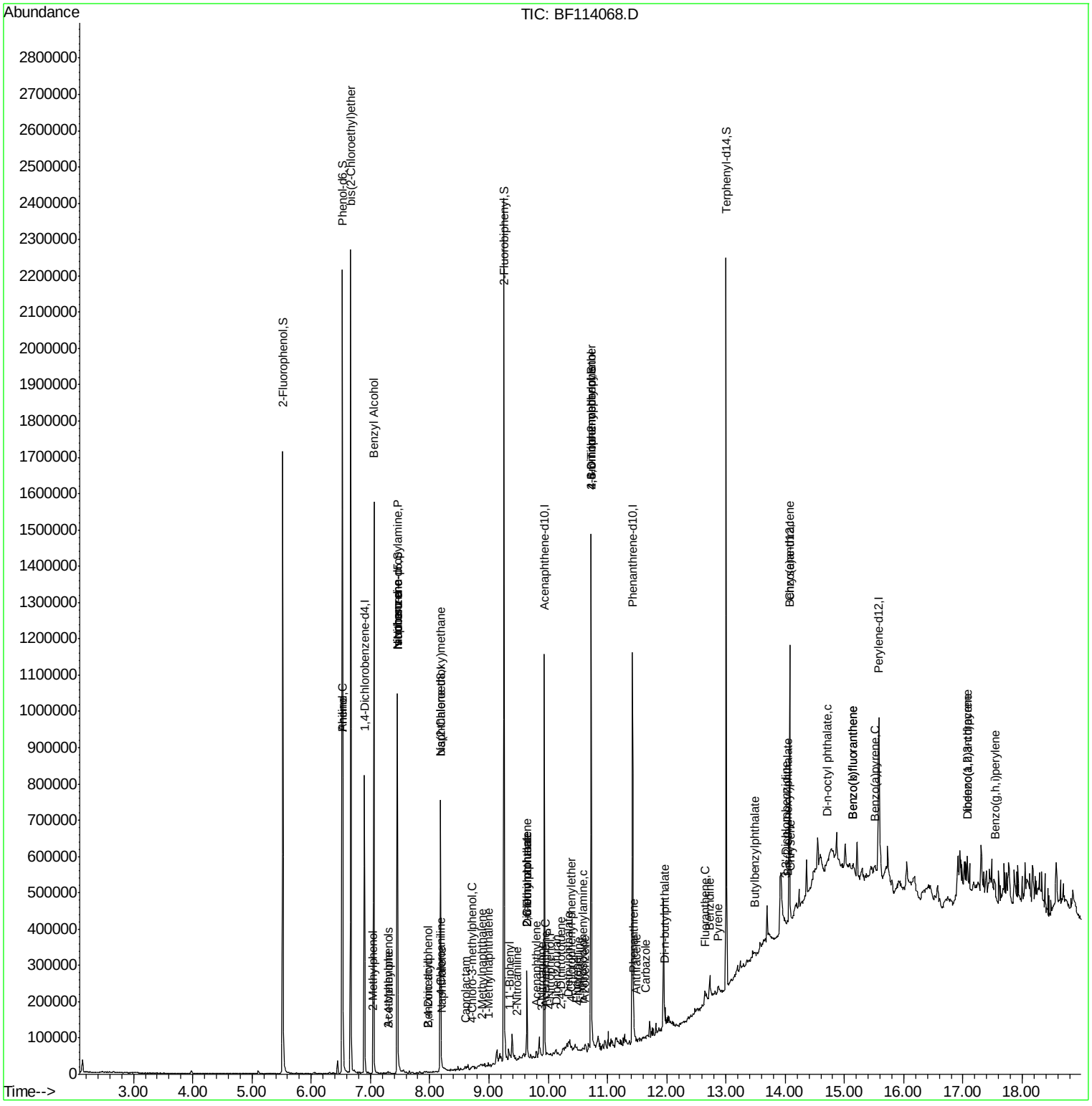
(#) = qualifier out of range (m) = manual integration (+) = signals summed

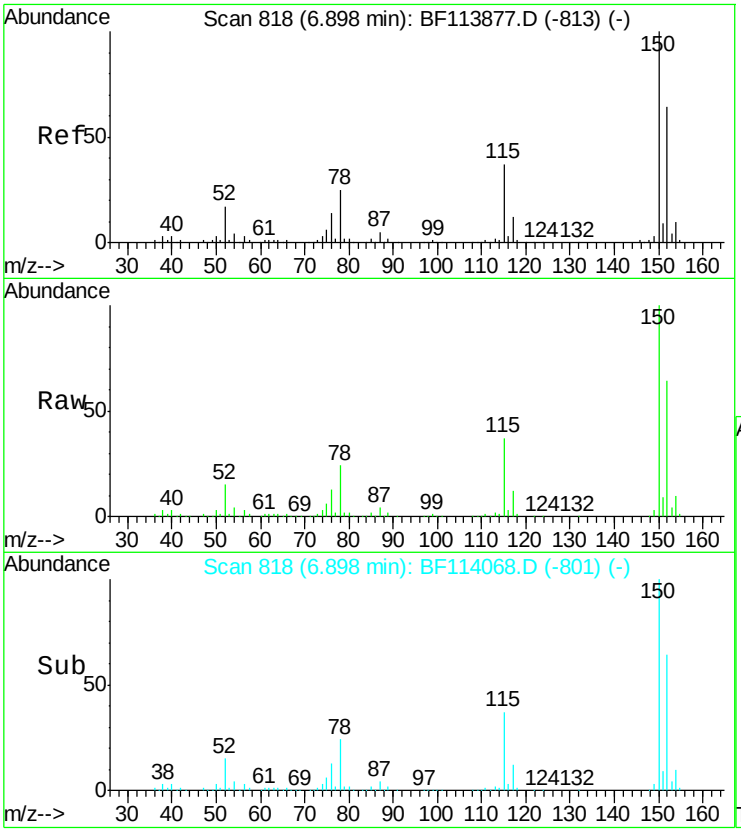
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
Data File : BF114068.D
Acq On : 1 May 2019 14:47
Operator : JU/SJ
Sample : K2191-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 02 00:59:09 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



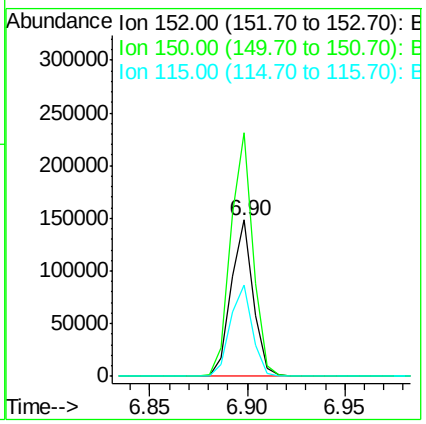


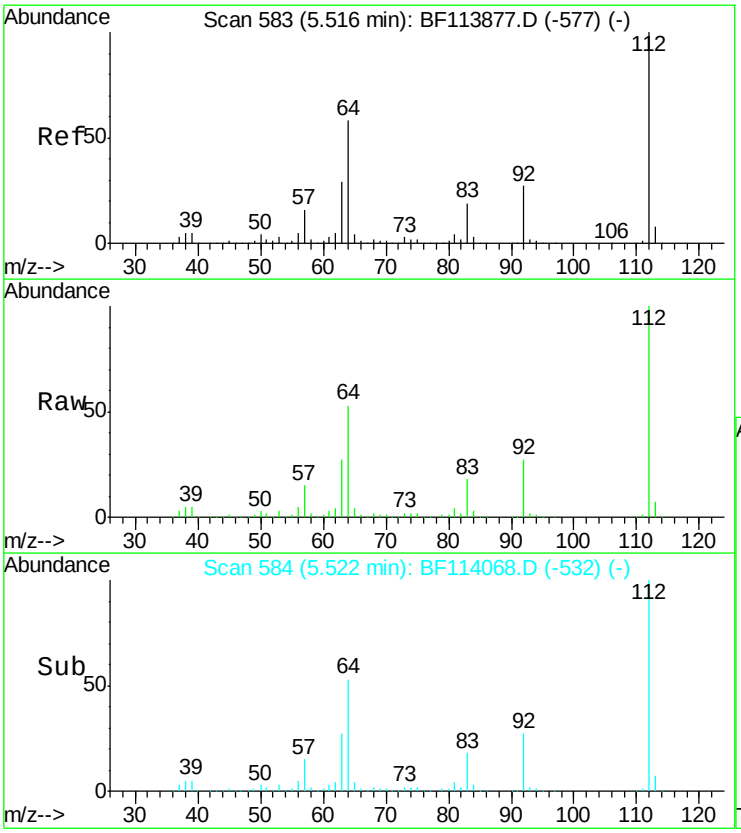
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 116061

Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.9	188.9
115	58.2	45.9	68.9

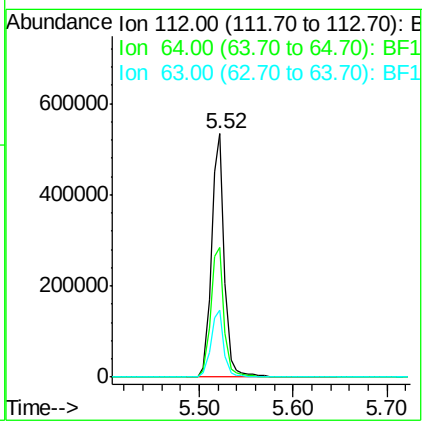


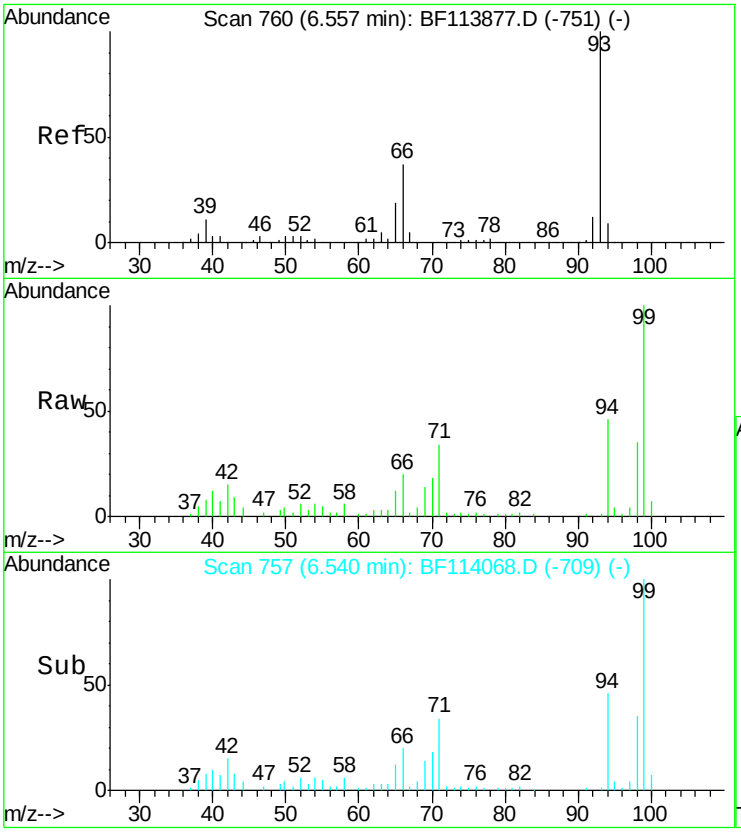


#5
2-Fluorophenol
Concen: 77.102 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion:112 Resp: 523198

Ion	Ratio	Lower	Upper
112	100		
64	53.5	46.6	69.8
63	27.4	23.1	34.7



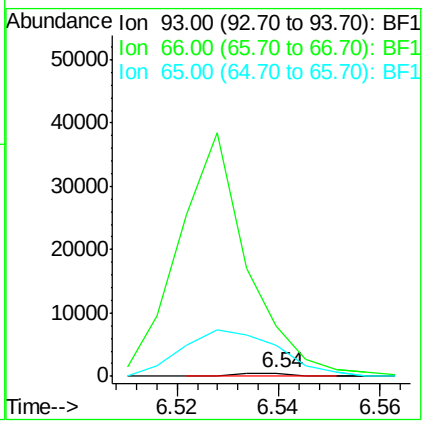


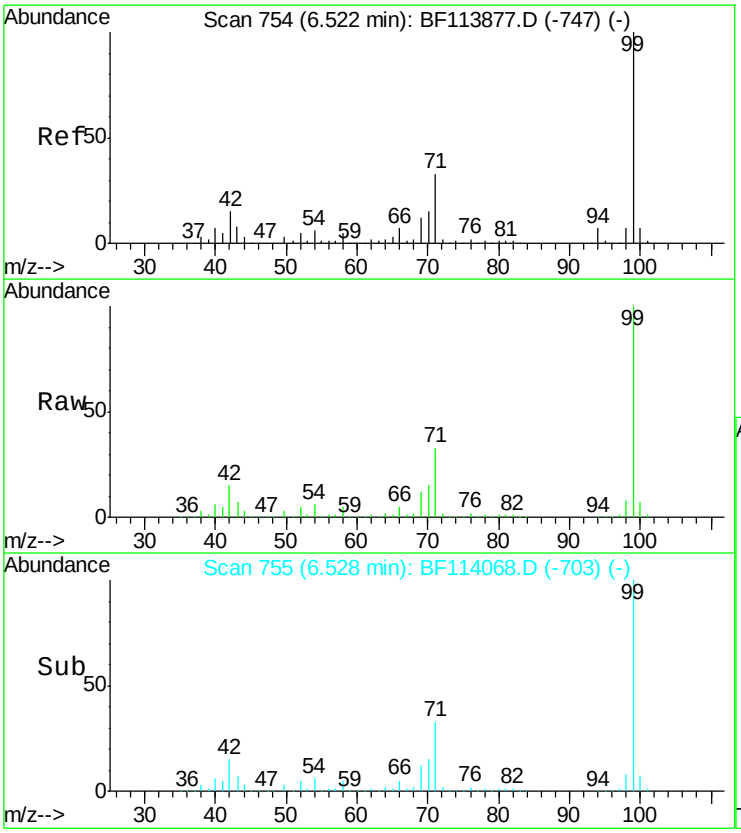
#6
Aniline
Concen: 0.027 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.02 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 310

Ion	Ratio	Lower	Upper
93	100		
66	1579.4	29.8	44.6#
65	952.5	14.9	22.3#

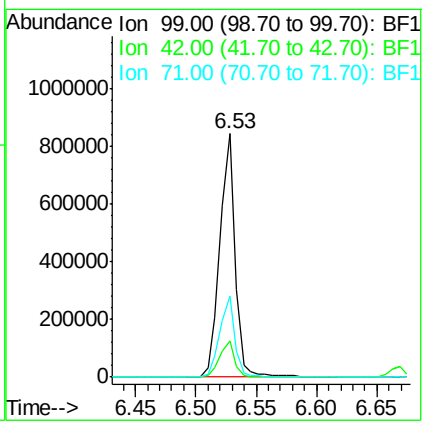


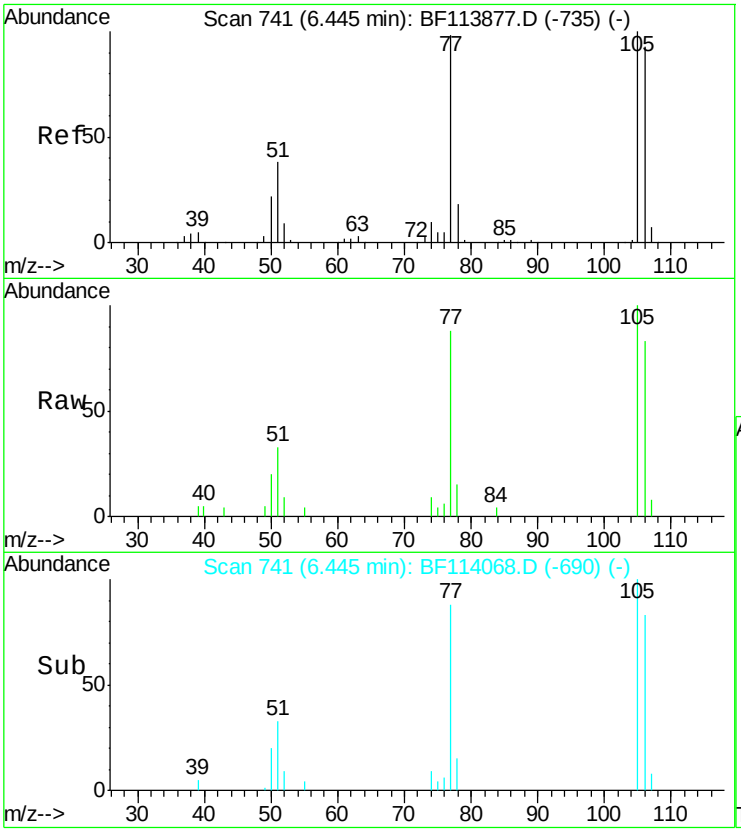


#7
Phenol-d6
Concen: 86.945 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion: 99 Resp: 740208

Ion	Ratio	Lower	Upper
99	100		
42	14.7	12.5	18.7
71	33.2	26.9	40.3



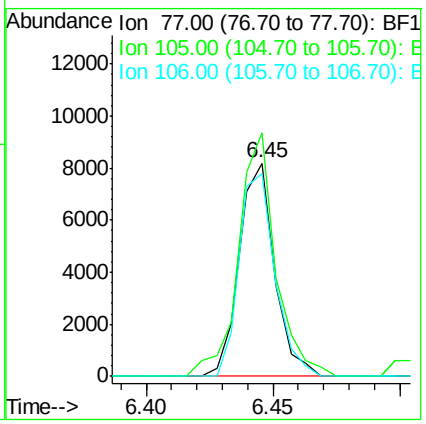


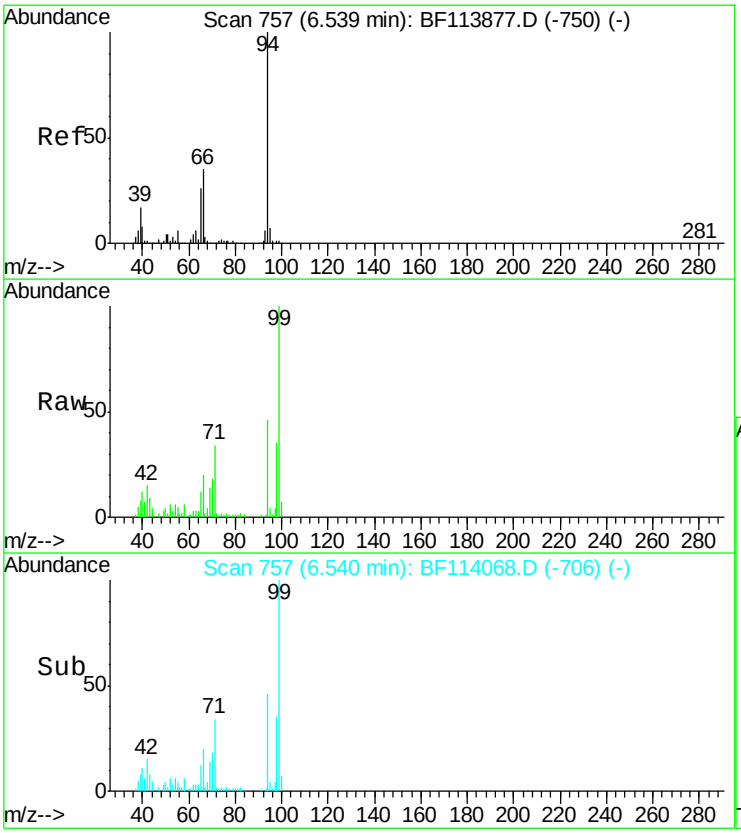
#9
Benzaldehyde
Concen: Below Cal
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 7924

Ion	Ratio	Lower	Upper
77	100		
105	114.0	74.1	114.1
106	94.7	70.3	110.3

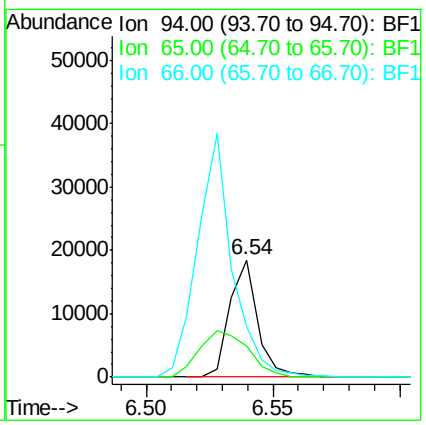


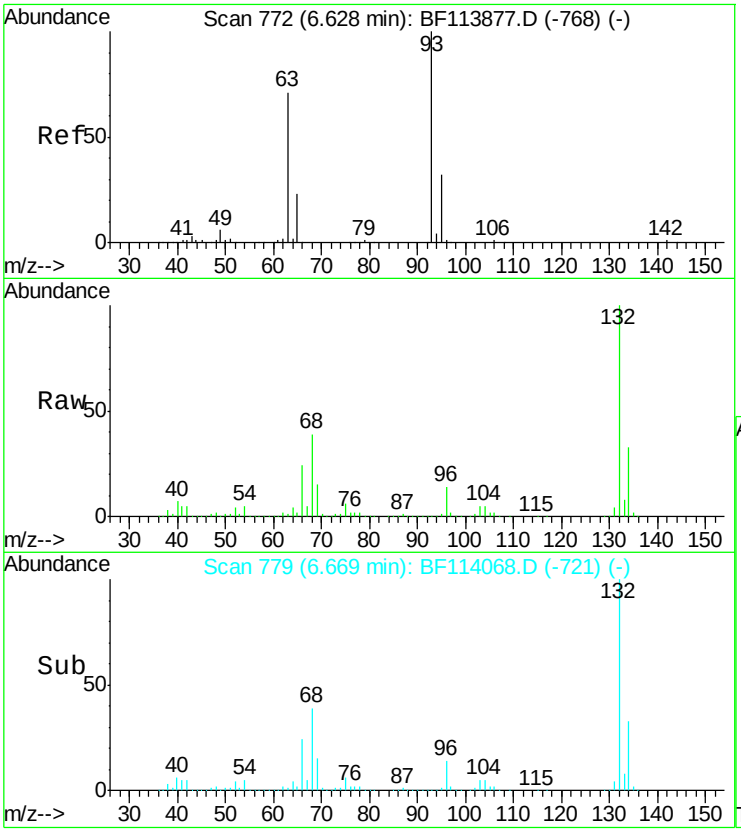


#10
Phenol
Concen: 1.382 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion: 94 Resp: 14069

Ion	Ratio	Lower	Upper
94	100		
65	26.1	8.1	48.1
66	43.3	16.6	56.6



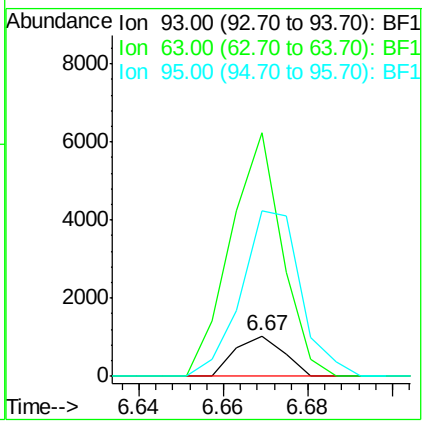


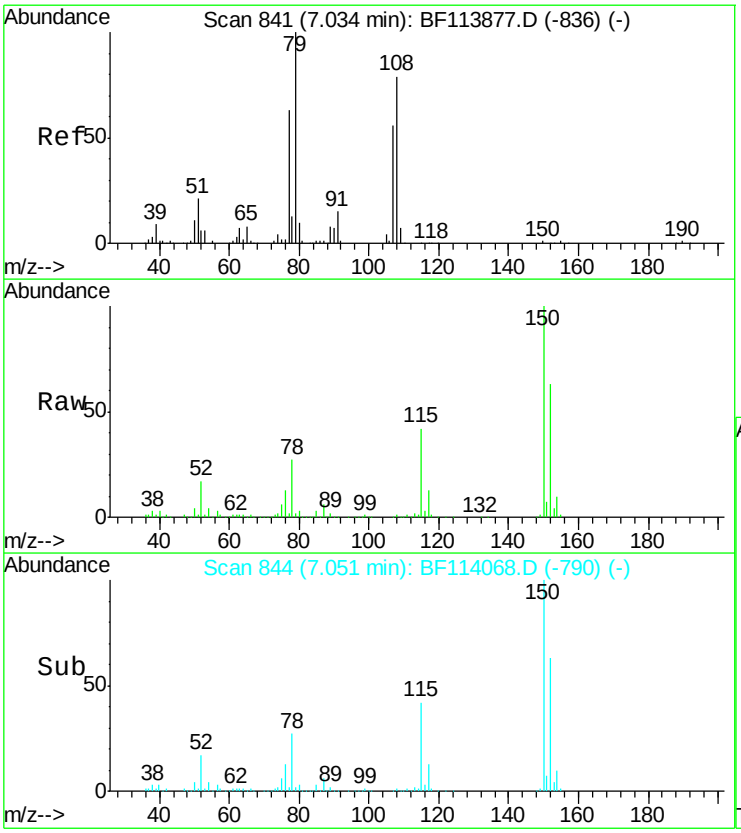
#11
bis(2-Chloroethyl)ether
Concen: 0.107 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.04 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 818

Ion	Ratio	Lower	Upper
93	100		
63	605.0	50.7	90.7#
95	411.4	12.3	52.3#

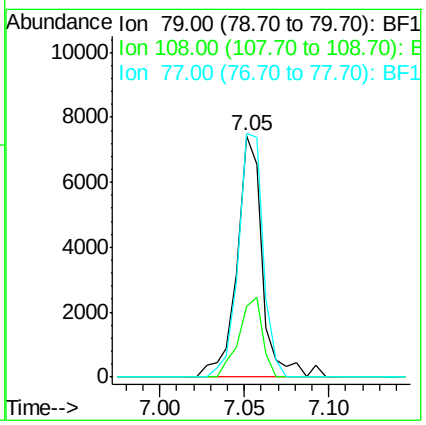


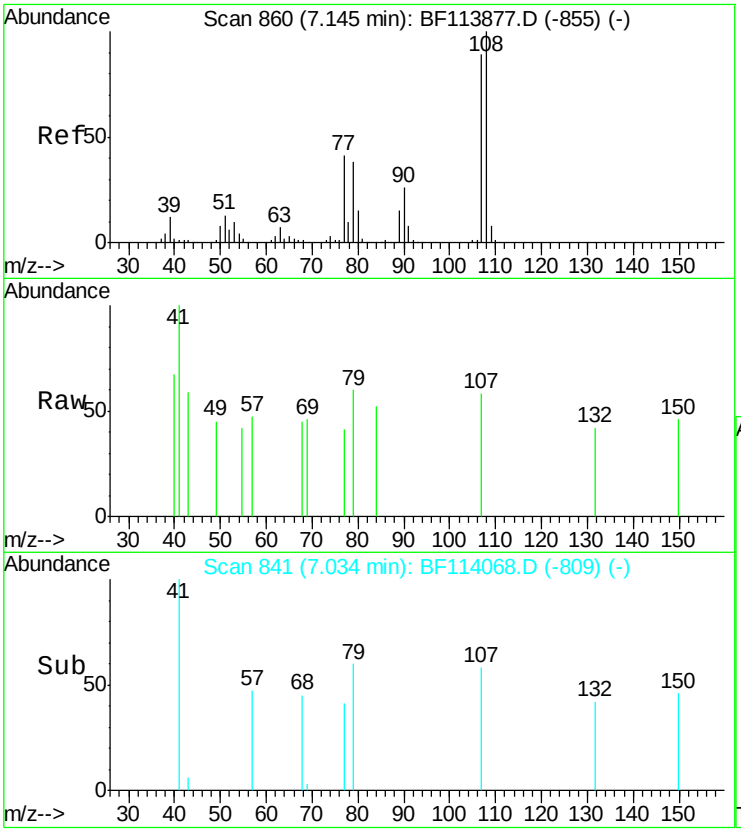


#15
Benzyl Alcohol
Concen: 1.356 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.02 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion: 79 Resp: 7773

Ion	Ratio	Lower	Upper
79	100		
108	29.1	61.4	92.0#
77	100.9	51.6	77.4#



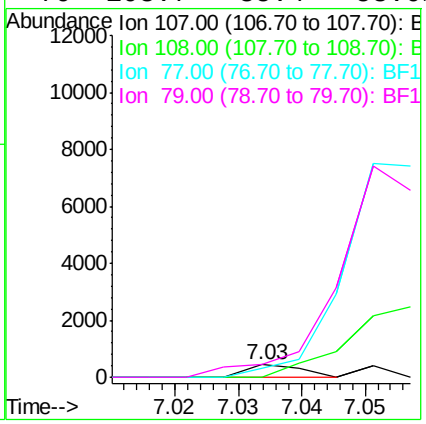


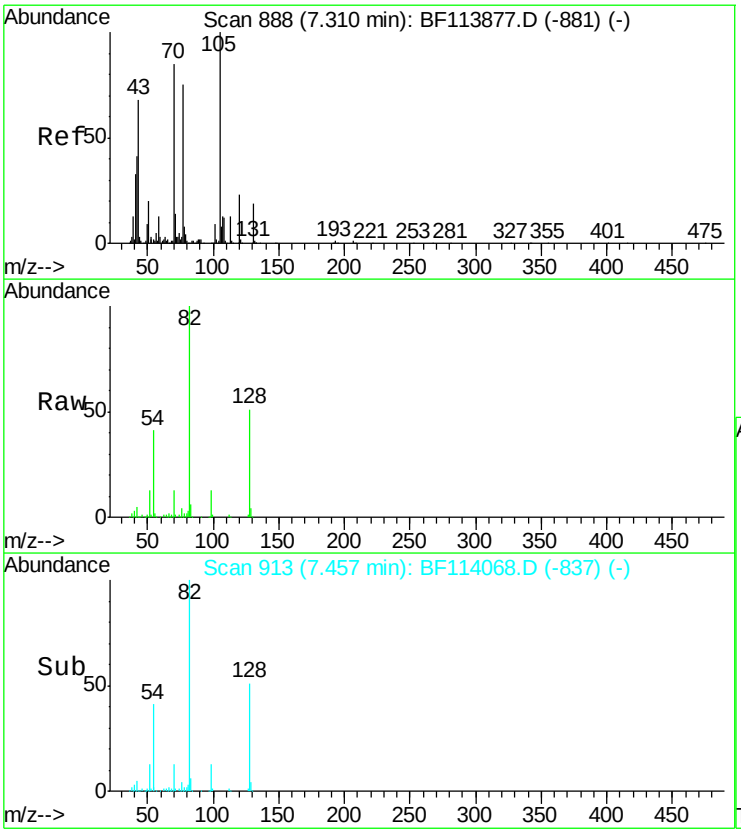
#17
2-Methylphenol
Concen: 0.040 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.11 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 271

Ion	Ratio	Lower	Upper
107	100		
108	0.0	91.5	137.3#
77	70.3	36.2	54.4#
79	103.7	35.4	53.0#

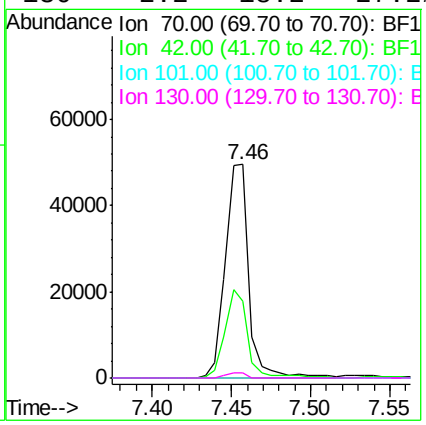


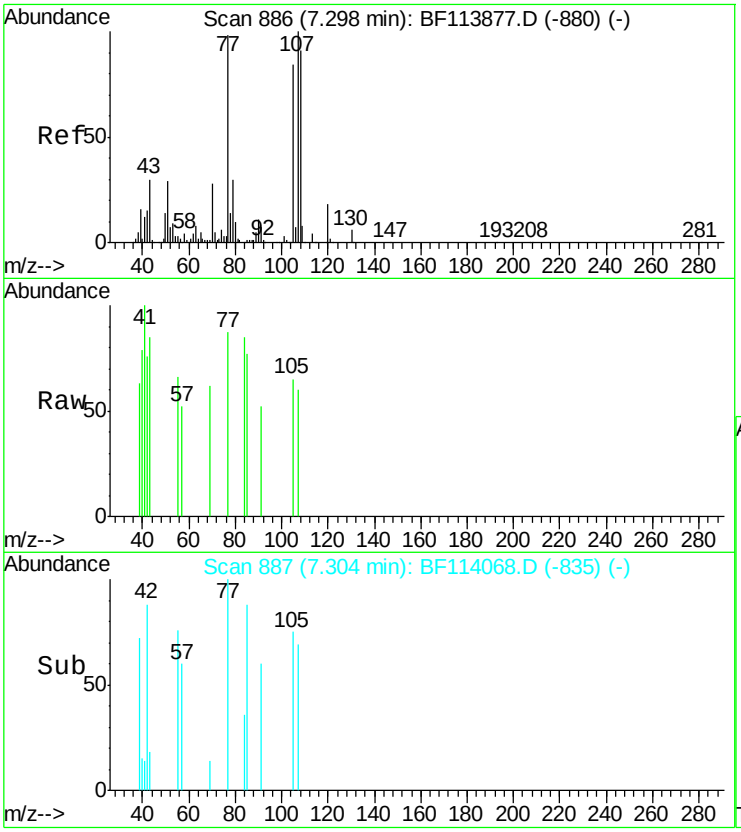


#19
n-Nitroso-di-n-propylamine
Concen: 9.228 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion: 70 Resp: 50878

Ion	Ratio	Lower	Upper
70	100		
42	36.2	37.3	55.9#
101	0.0	7.8	11.8#
130	2.2	18.2	27.2#



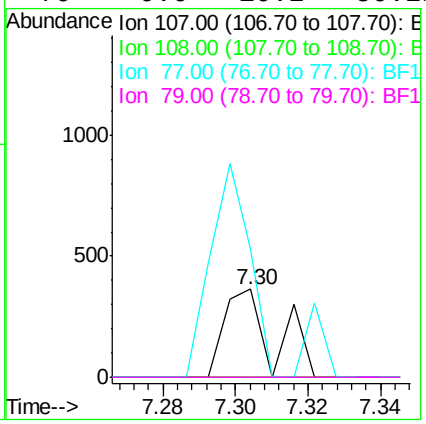


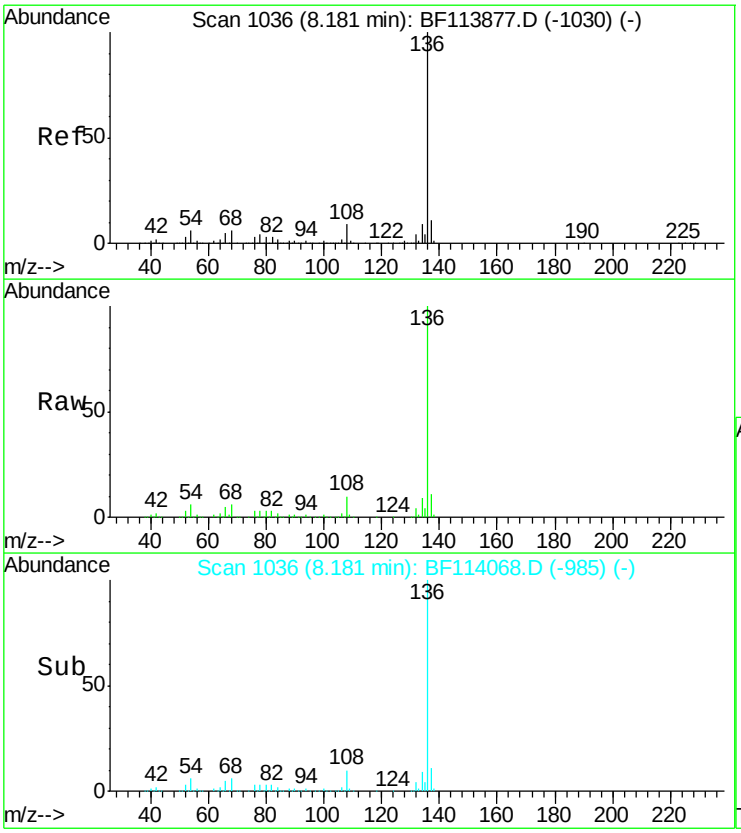
#20
3+4-Methylphenols
Concen: 0.045 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 349

Ion	Ratio	Lower	Upper
107	100		
108	0.0	70.1	110.1#
77	145.9	52.9	92.9#
79	0.0	10.2	50.2#

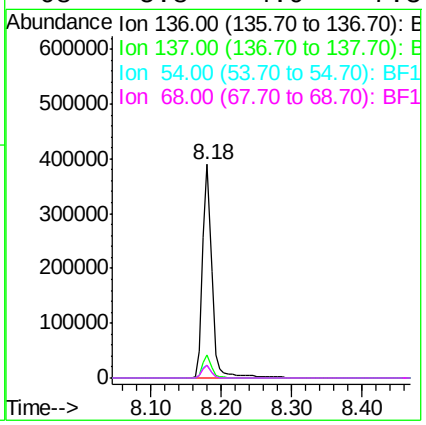


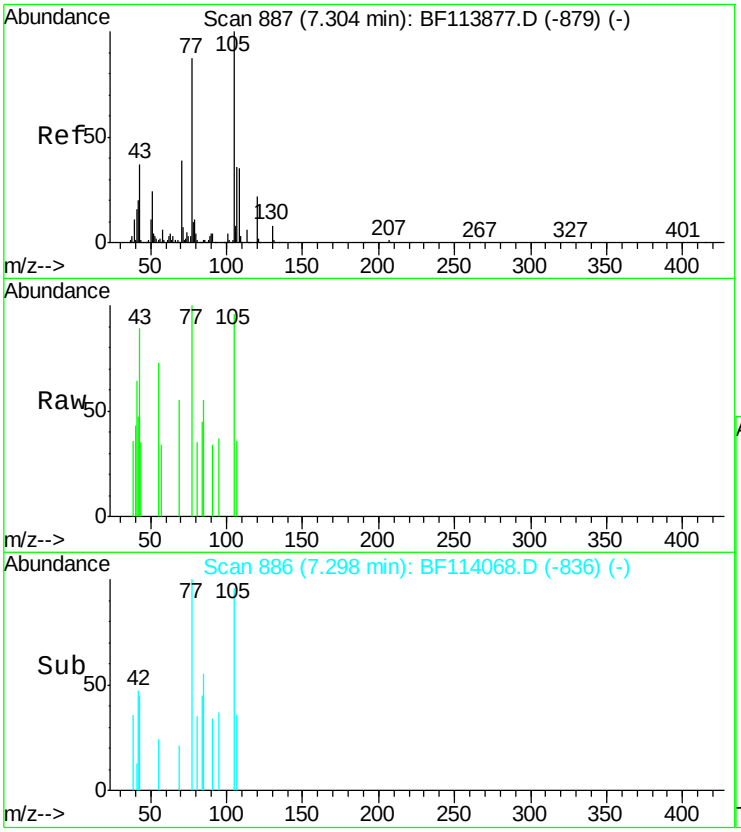


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion:136 Resp: 360666

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	6.0	5.0	7.6
68	5.8	4.9	7.3



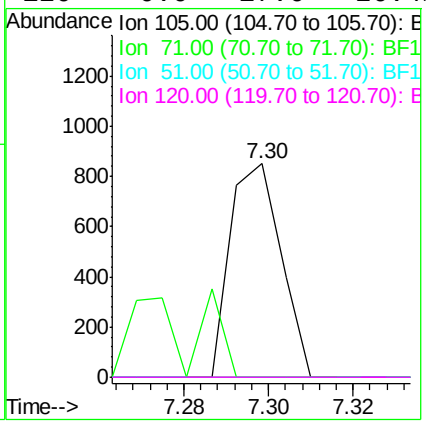


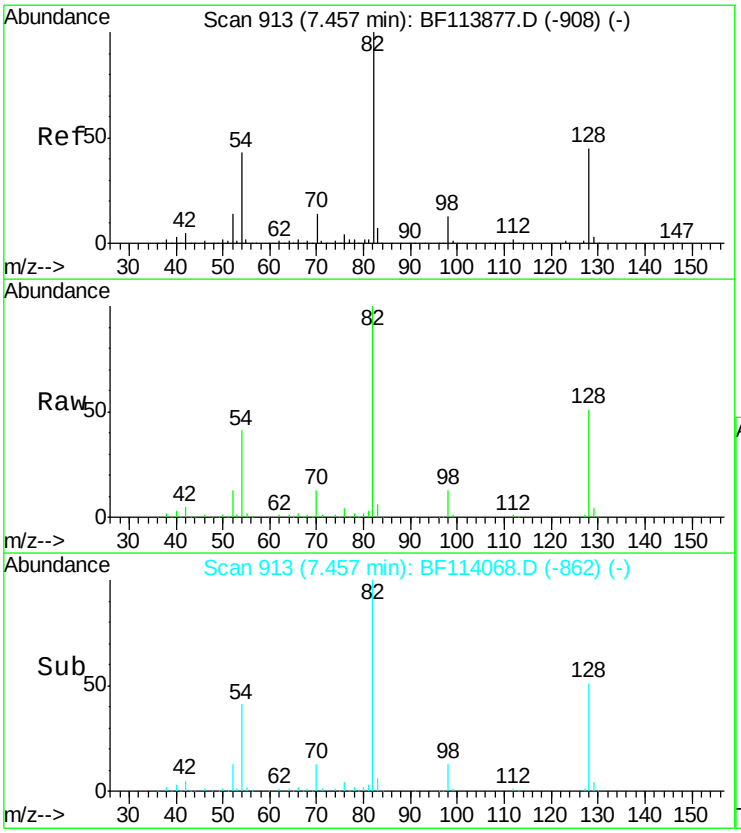
#22
Acetophenone
Concen: 0.088 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 710

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#

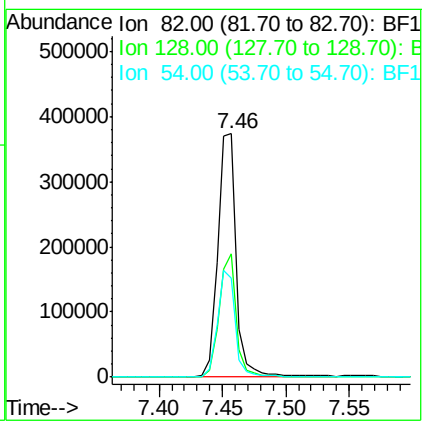


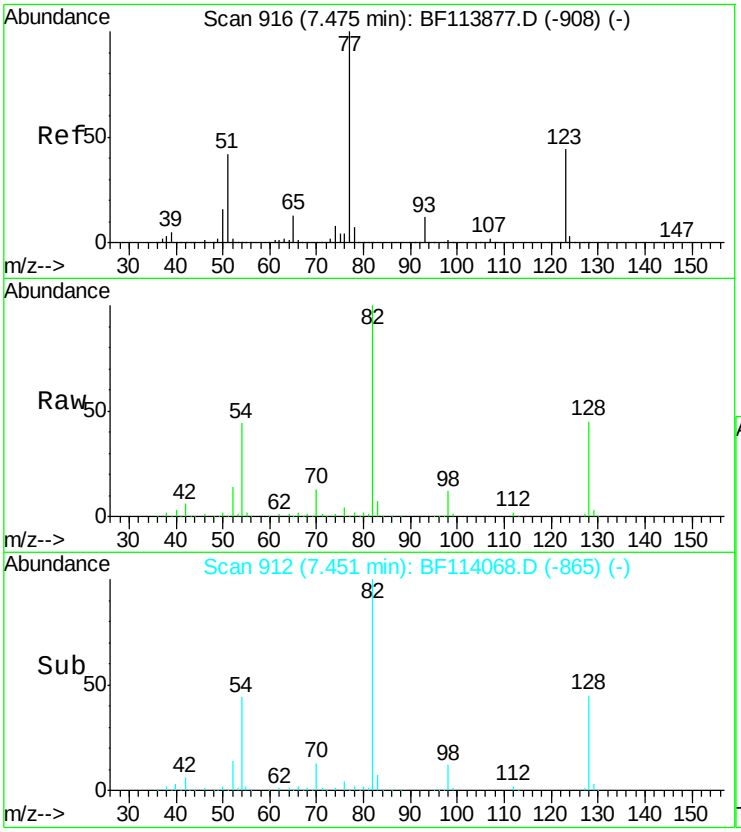


#23
Nitrobenzene-d5
Concen: 65.677 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion: 82 Resp: 383643

Ion	Ratio	Lower	Upper
82	100		
128	50.7	36.8	55.2
54	40.6	33.8	50.6



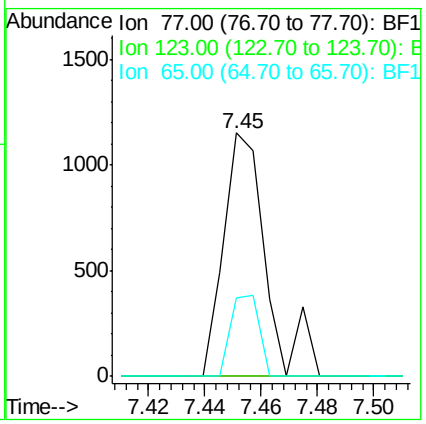


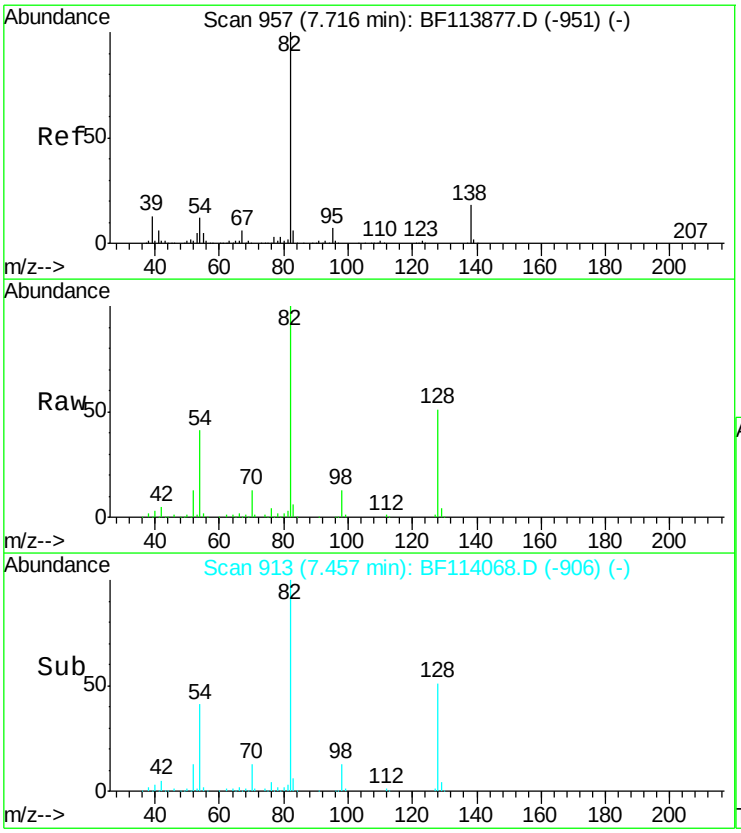
#24
Nitrobenzene
Concen: 0.186 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 1203

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

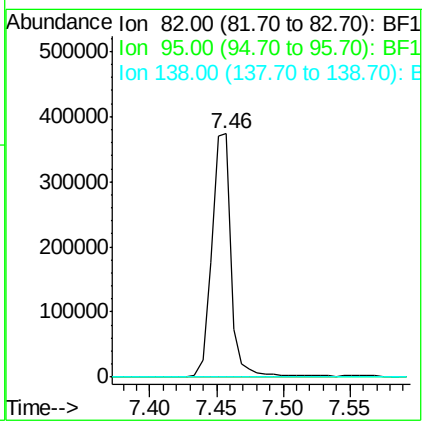


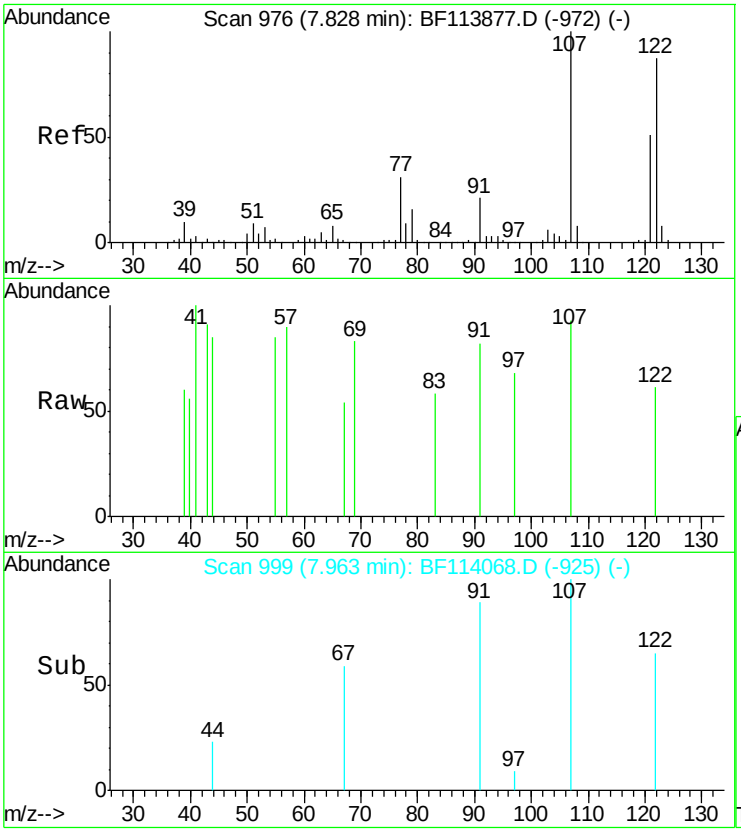


#25
Isophorone
Concen: 32.098 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion: 82 Resp: 383638

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



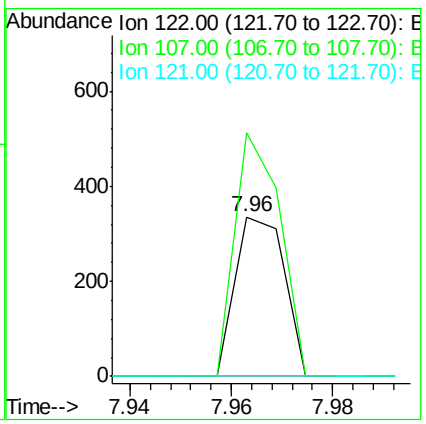


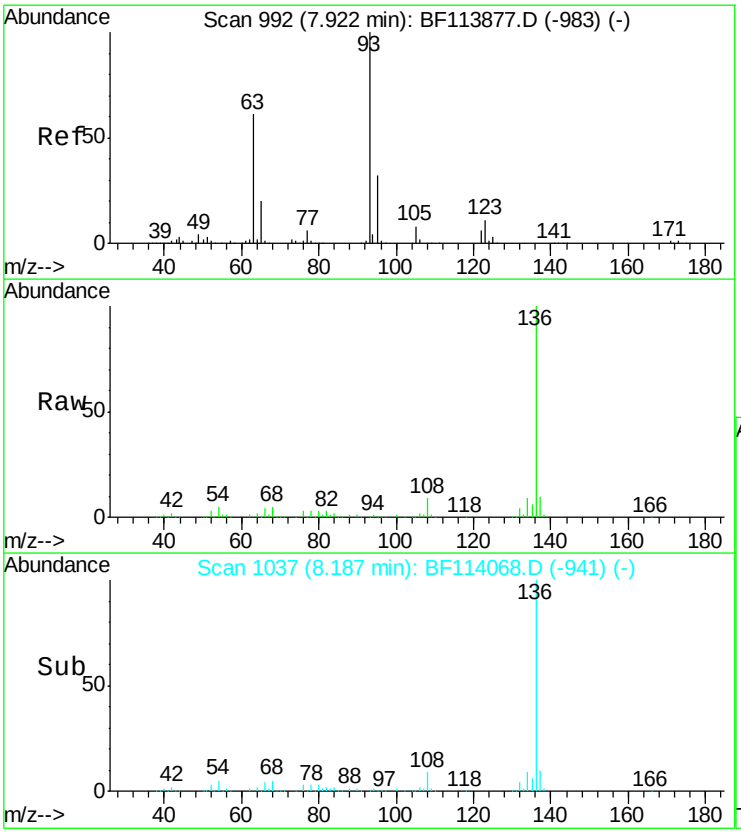
#27
2,4-Dimethylphenol
Concen: 0.048 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.14 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 228

Ion	Ratio	Lower	Upper
122	100		
107	152.8	91.2	136.8#
121	0.0	46.4	69.6#

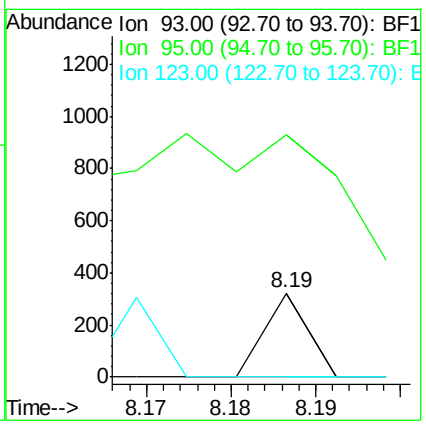


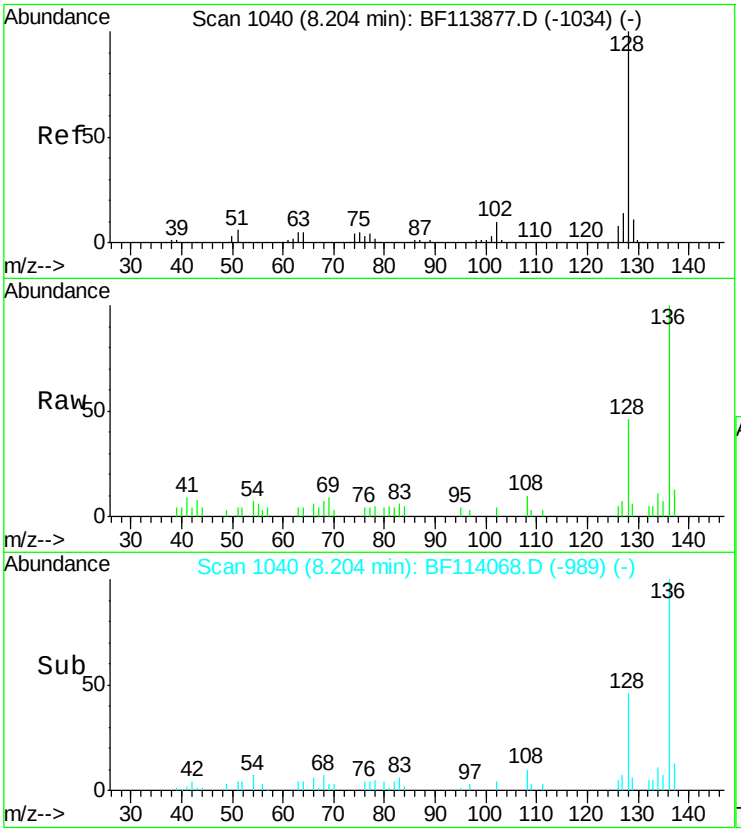


#28
bis(2-Chloroethoxy)methane
Concen: 0.015 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.26 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion: 93 Resp: 113

Ion	Ratio	Lower	Upper
93	100		
95	289.7	25.8	38.6#
123	0.0	9.0	13.6#



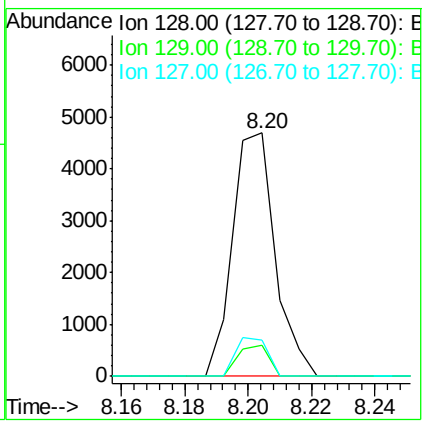


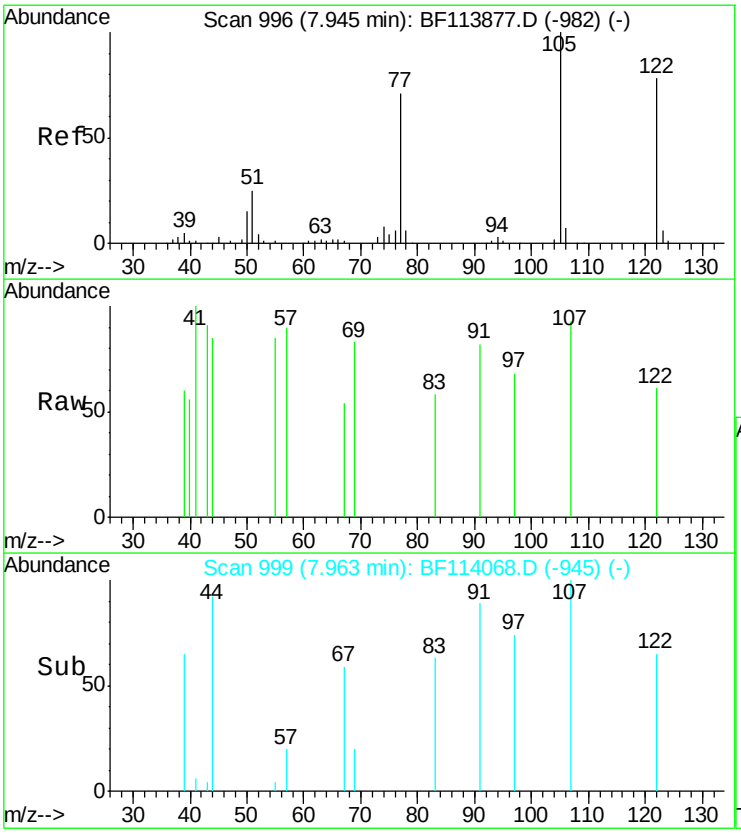
#31
Naphthalene
Concen: 0.254 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 4351

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.4	14.0
127	15.1	10.8	16.2

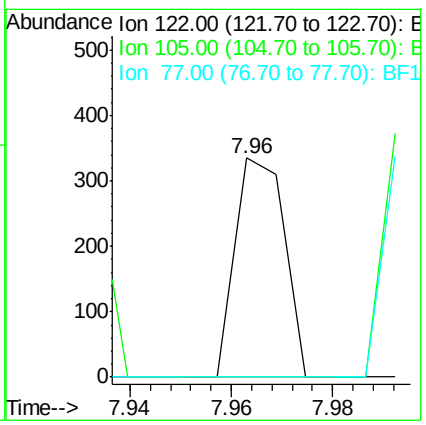


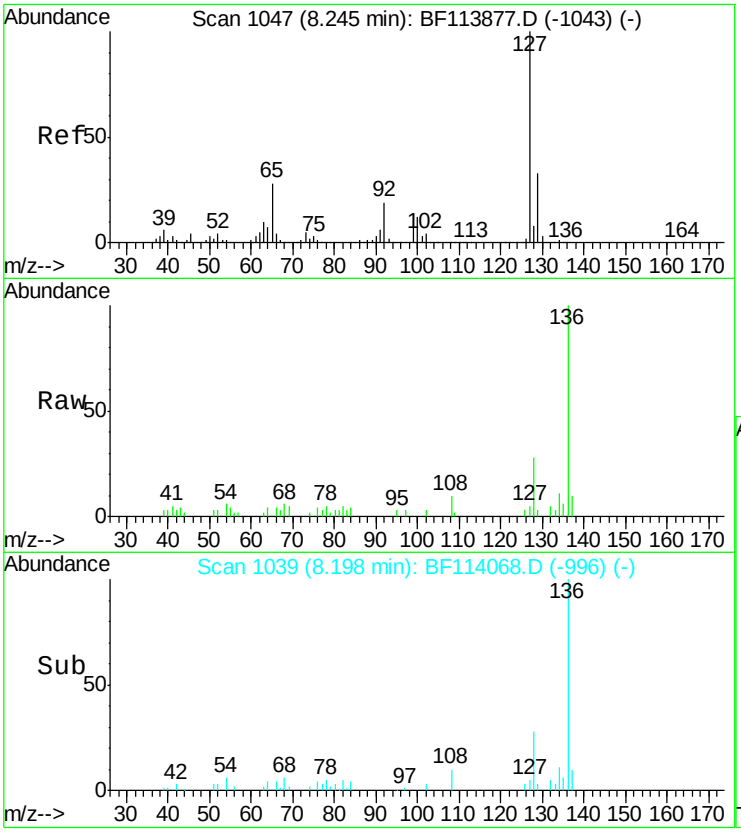


#32
Benzoic acid
Concen: 0.070 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.02 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion:122 Resp: 228

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



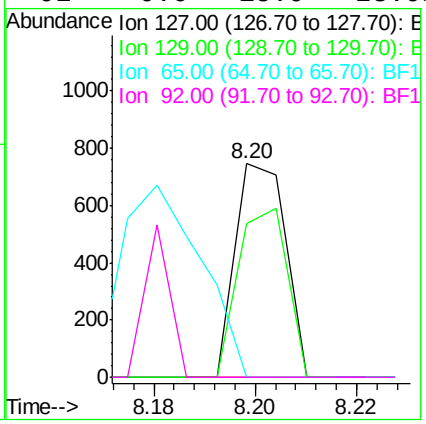


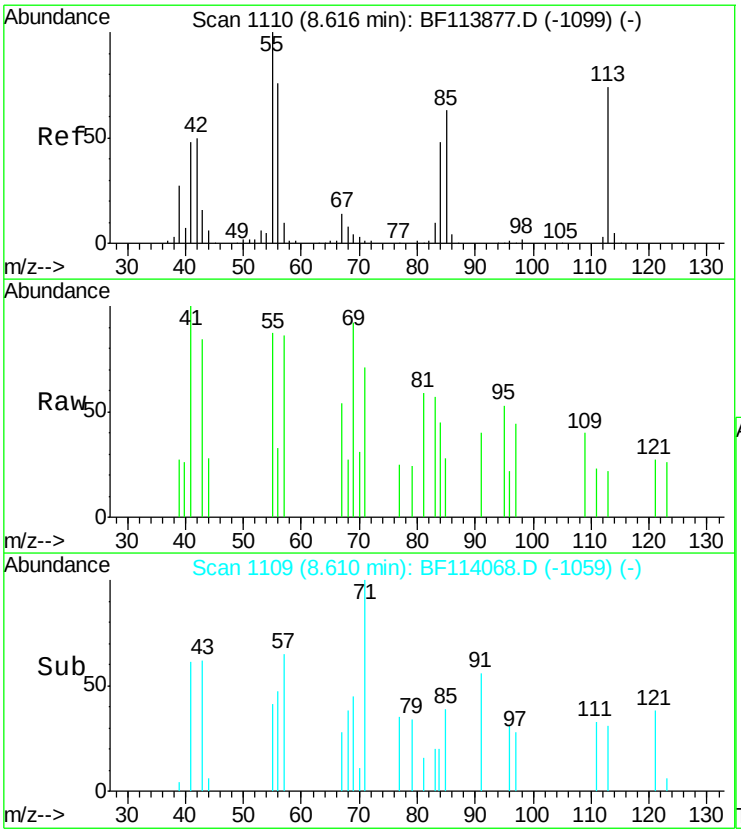
#33
4-Chloroaniline
Concen: 0.071 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.05 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 513

Ion	Ratio	Lower	Upper
127	100		
129	71.7	26.4	39.6#
65	0.0	24.9	37.3#
92	0.0	15.9	23.9#

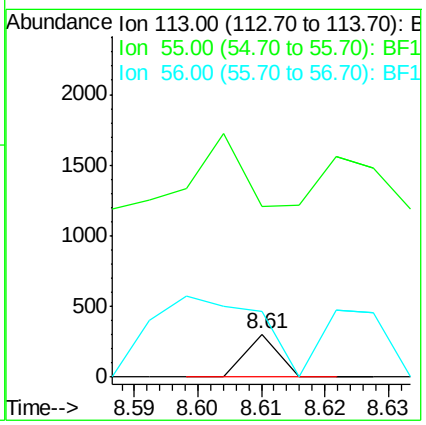


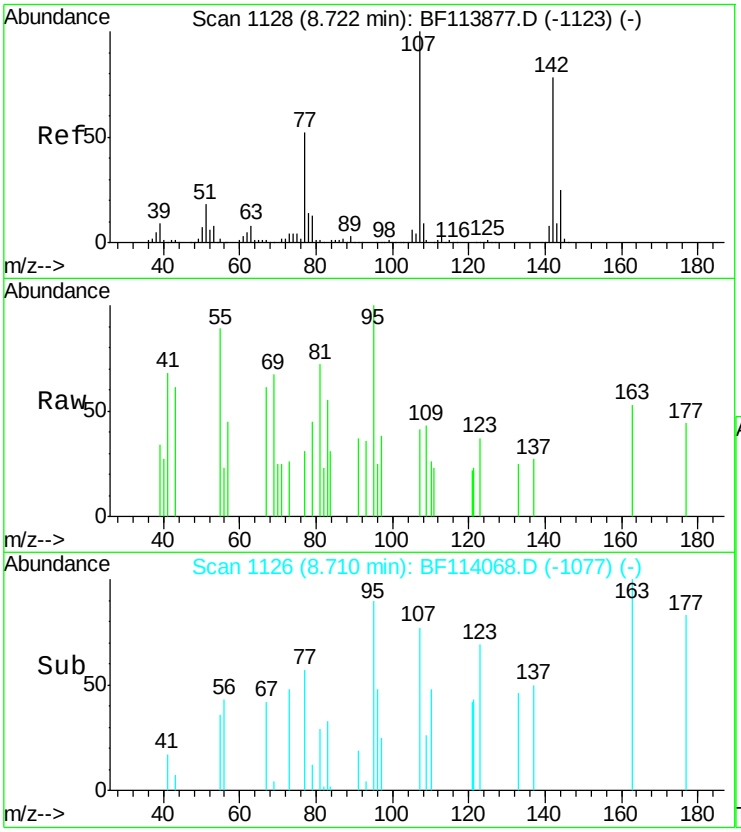


#35
Caprolactam
Concen: 0.062 ng
RT: 8.61 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion:113 Resp: 108

Ion	Ratio	Lower	Upper
113	100		
55	394.8	128.6	168.6#
56	151.5	91.9	131.9#



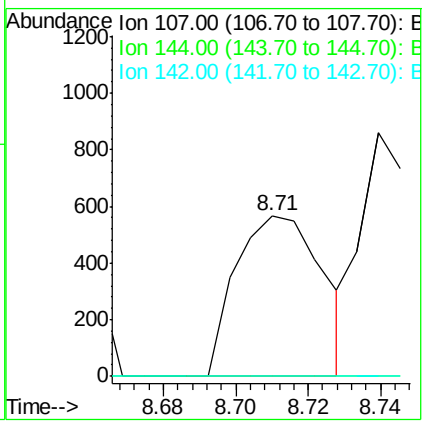


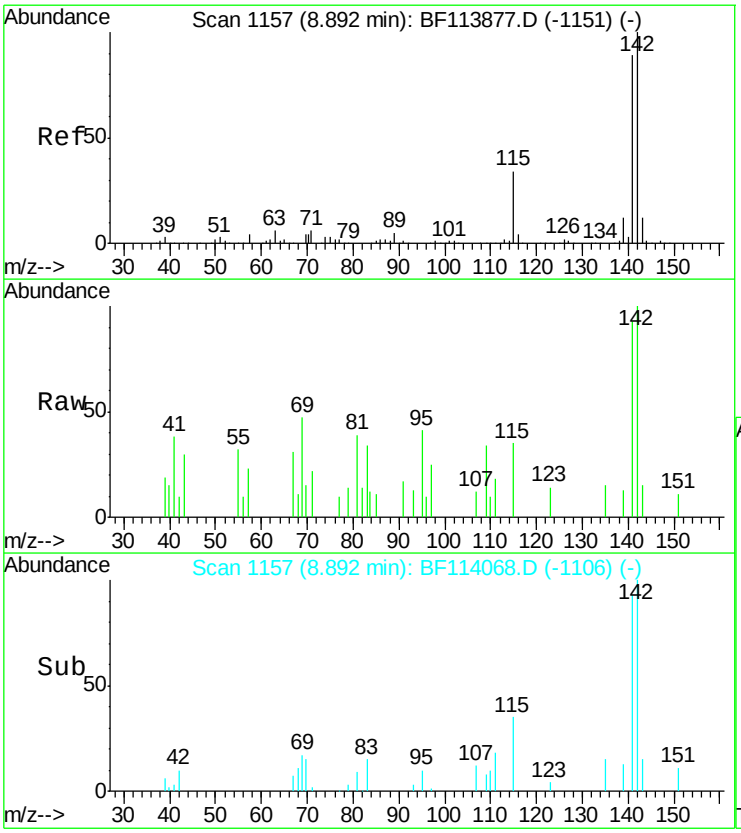
#36
4-Chloro-3-methylphenol
Concen: 0.174 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 944

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

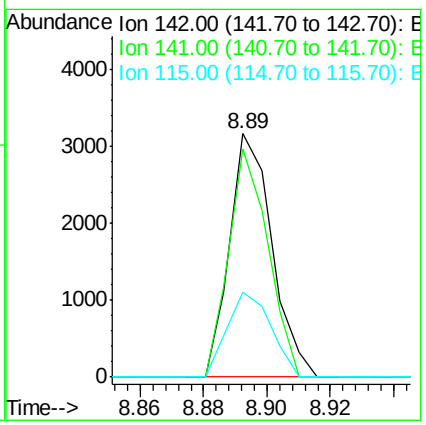


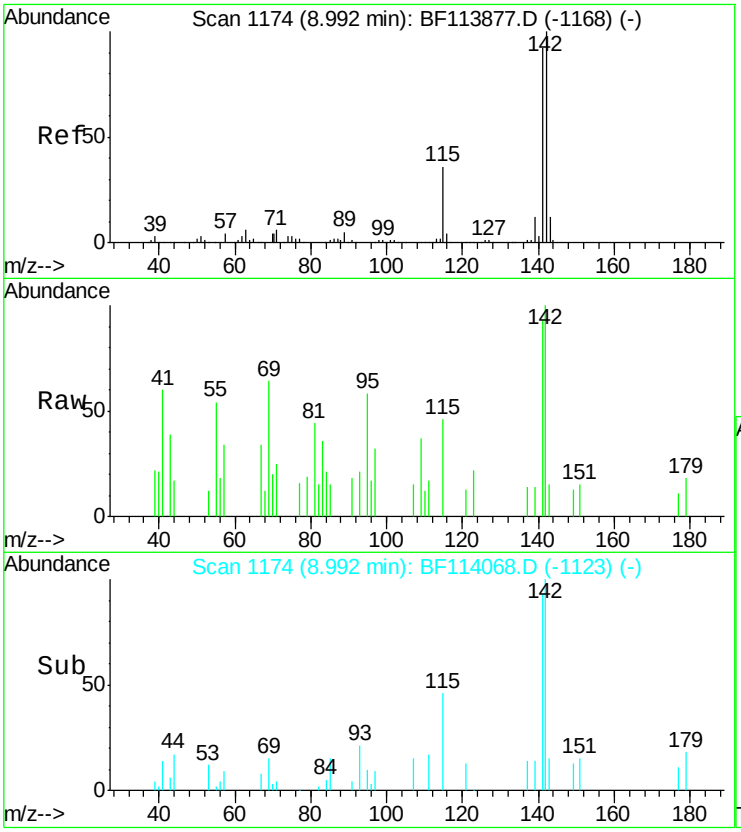


#37
2-Methylnaphthalene
Concen: 0.252 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion:142 Resp: 2913

Ion	Ratio	Lower	Upper
142	100		
141	93.5	70.4	105.6
115	34.9	26.3	39.5

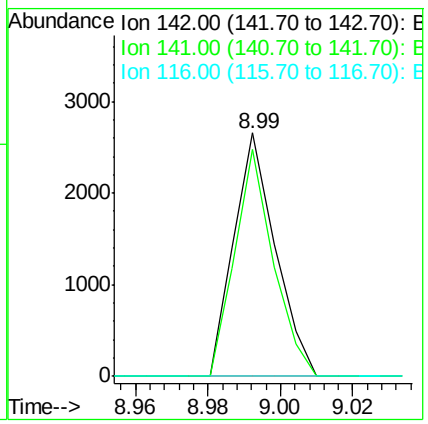




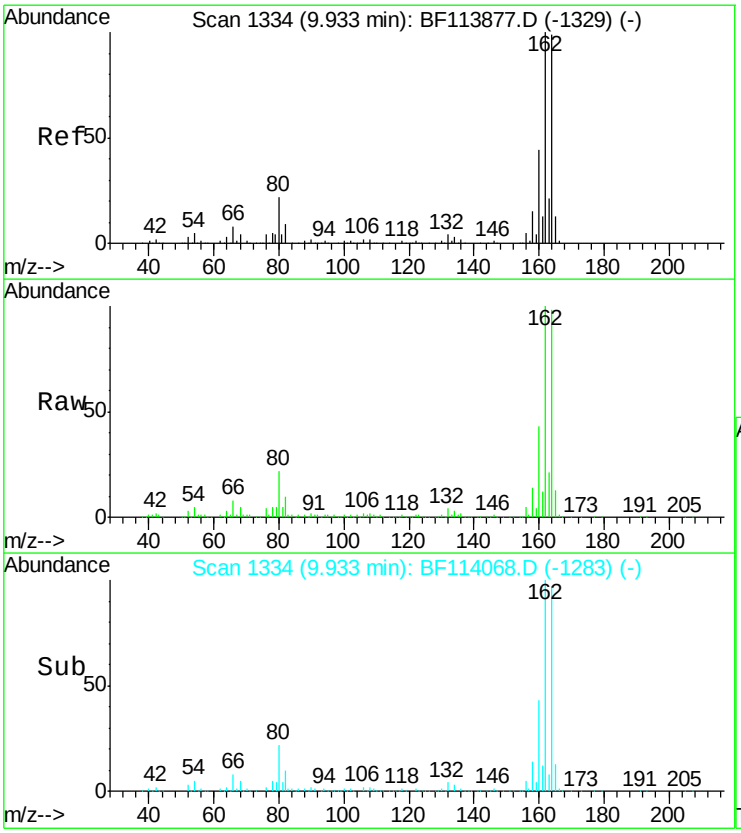
#38
1-Methylnaphthalene
Concen: 0.190 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion:142 Resp: 2116

Ion	Ratio	Lower	Upper
142	100		
141	93.2	72.3	108.5
116	0.0	3.0	4.4#



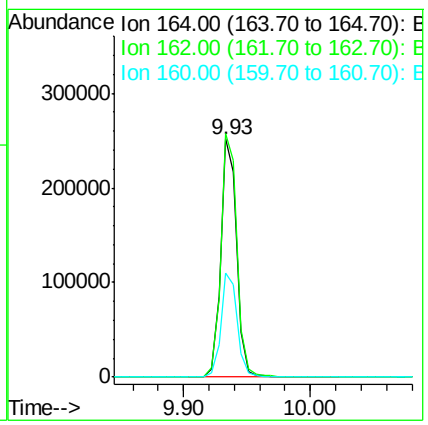
Instrument :
BNA_F
ClientSampleId :

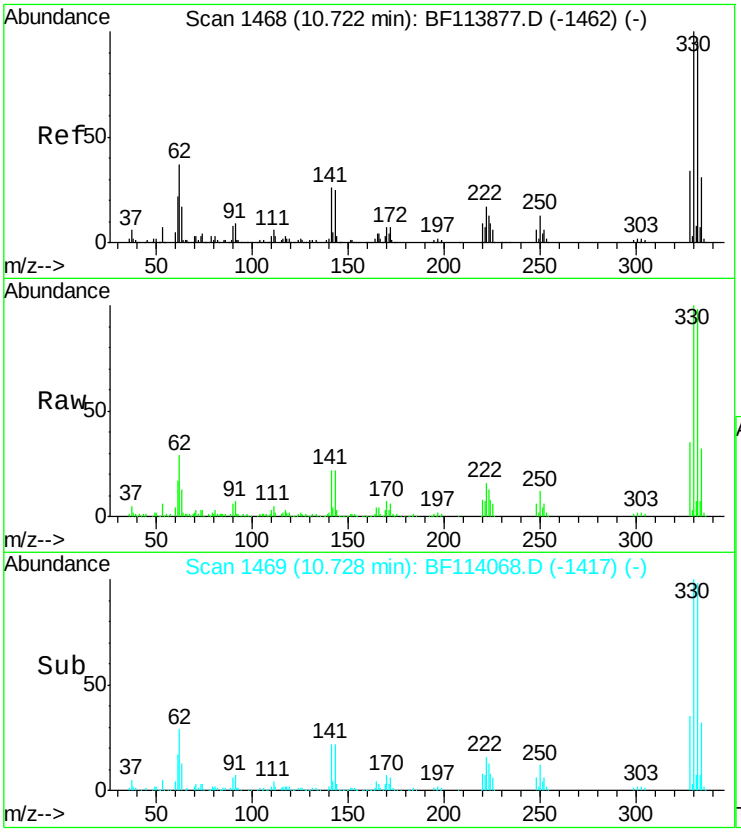


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion:164 Resp: 220994

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.1	121.7
160	43.9	35.8	53.6



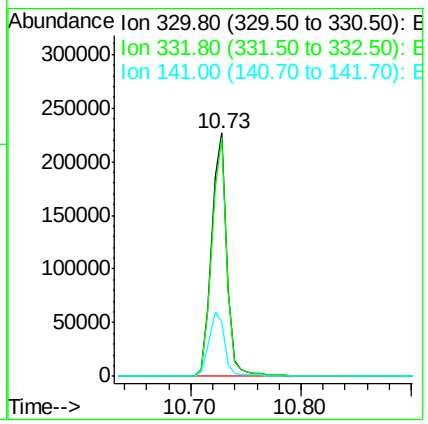


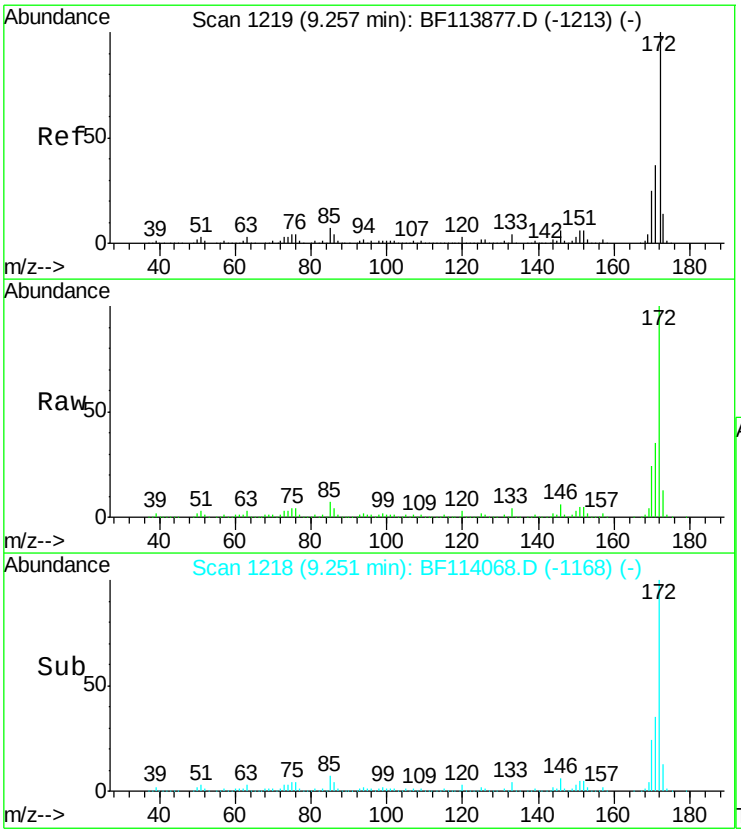
#42
2,4,6-Tribromophenol
Concen: 79.180 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 213166

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.5	116.3
141	27.6	22.2	33.2

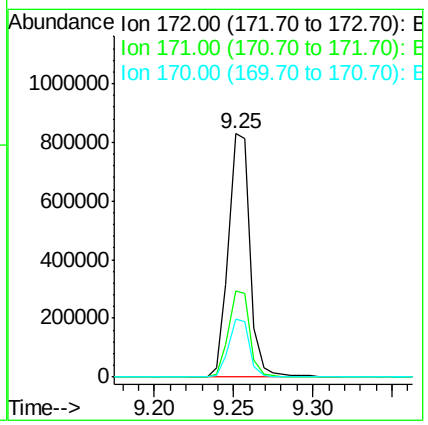


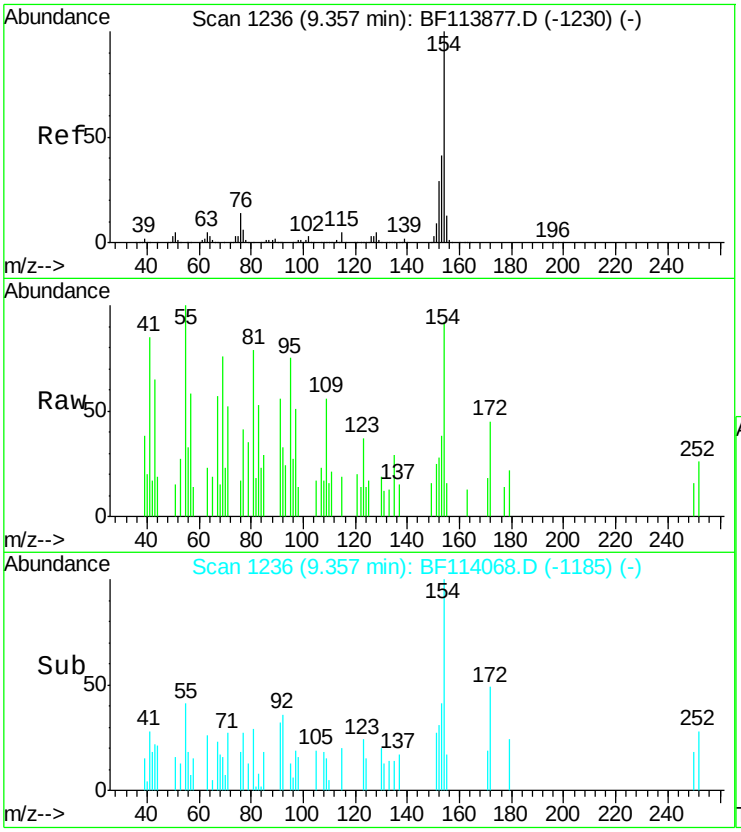


#45
2-Fluorobiphenyl
Concen: 55.998 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion:172 Resp: 791235

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.0
170	23.6	19.9	29.9



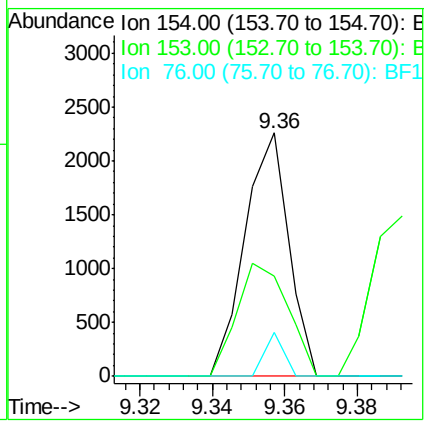


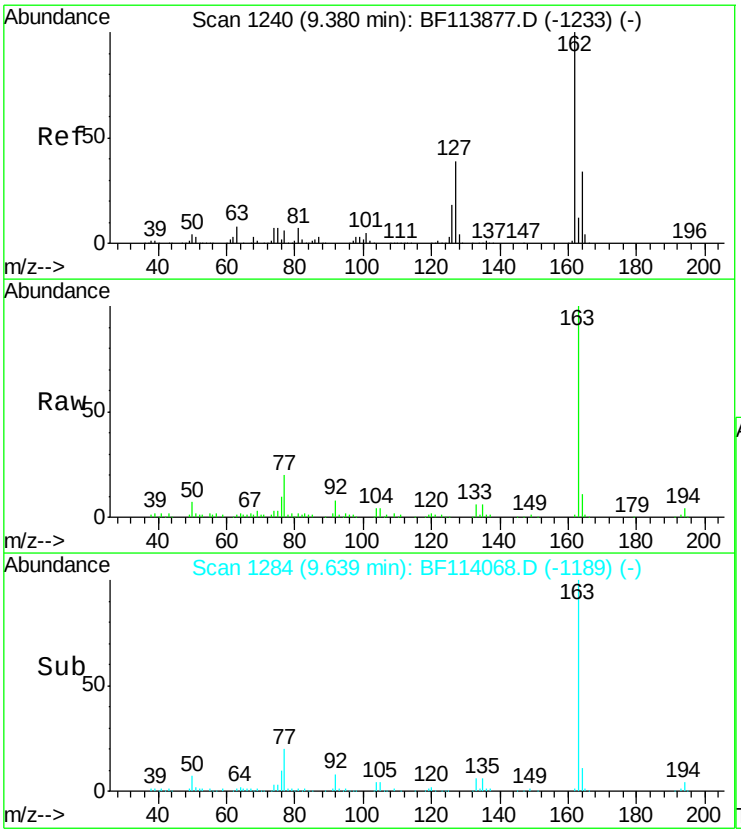
#46
1,1'-Biphenyl
Concen: 0.112 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 1890

Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.8	60.8
76	18.0	0.0	35.2

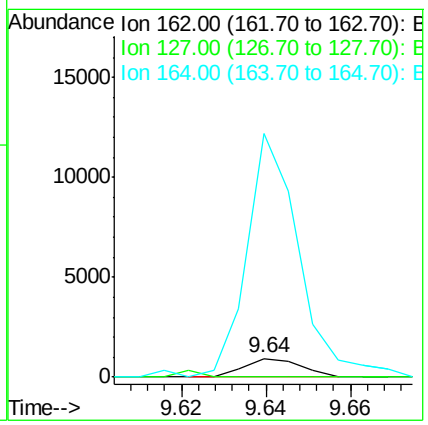


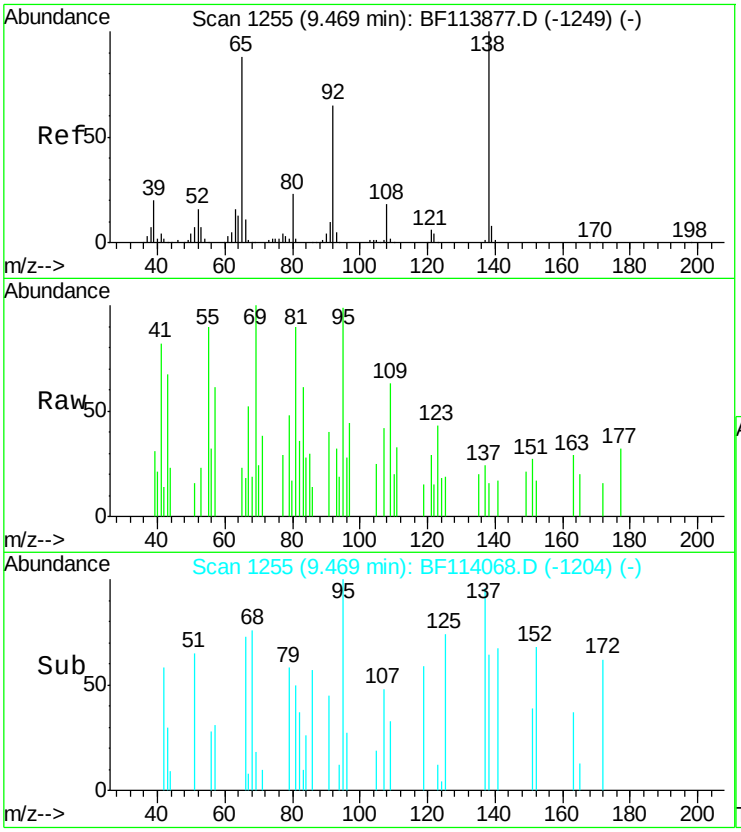


#47
2-Chloronaphthalene
Concen: 0.062 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.26 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion:162 Resp: 857

Ion	Ratio	Lower	Upper
162	100		
127	0.0	29.3	43.9#
164	1284.6	27.1	40.7#



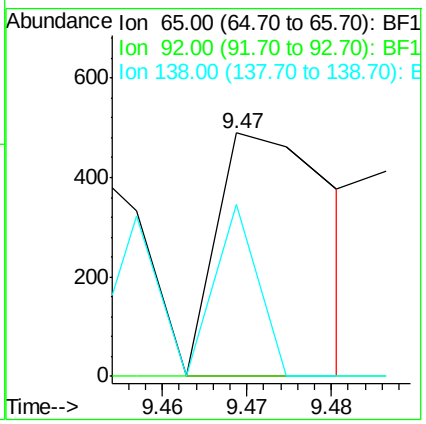


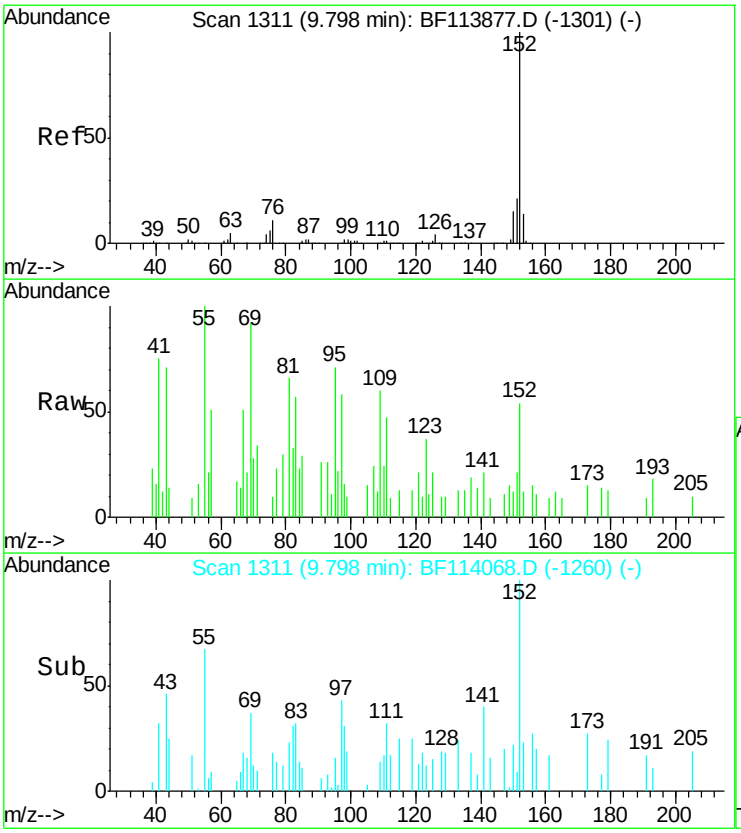
#48
2-Nitroaniline
Concen: 0.130 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 468

Ion	Ratio	Lower	Upper
65	100		
92	0.0	57.4	86.0#
138	70.4	85.4	128.0#

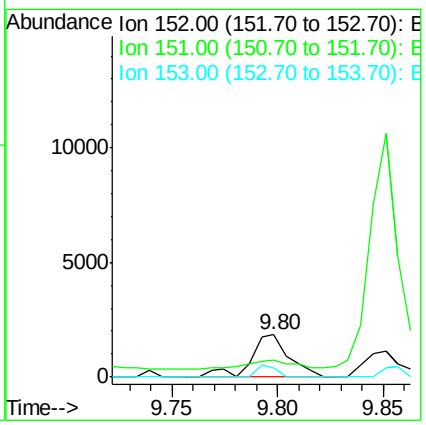


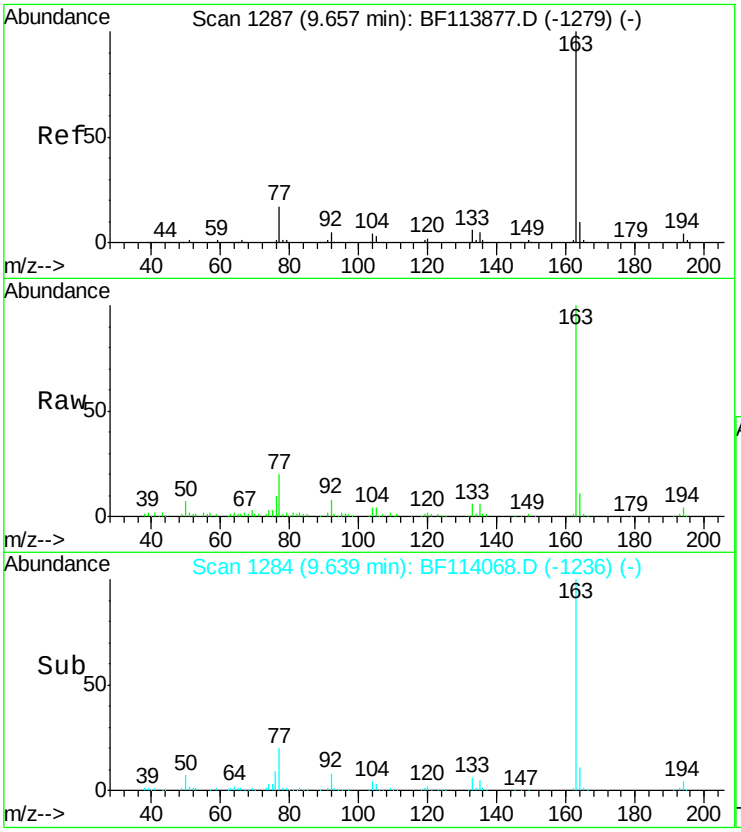


#49
Acenaphthylene
Concen: 0.110 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion:152 Resp: 2363

Ion	Ratio	Lower	Upper
152	100		
151	39.8	17.0	25.4#
153	23.0	11.0	16.6#



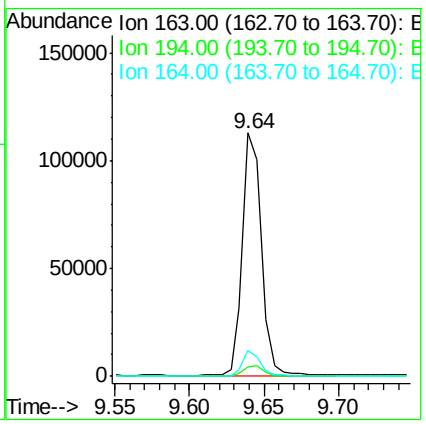


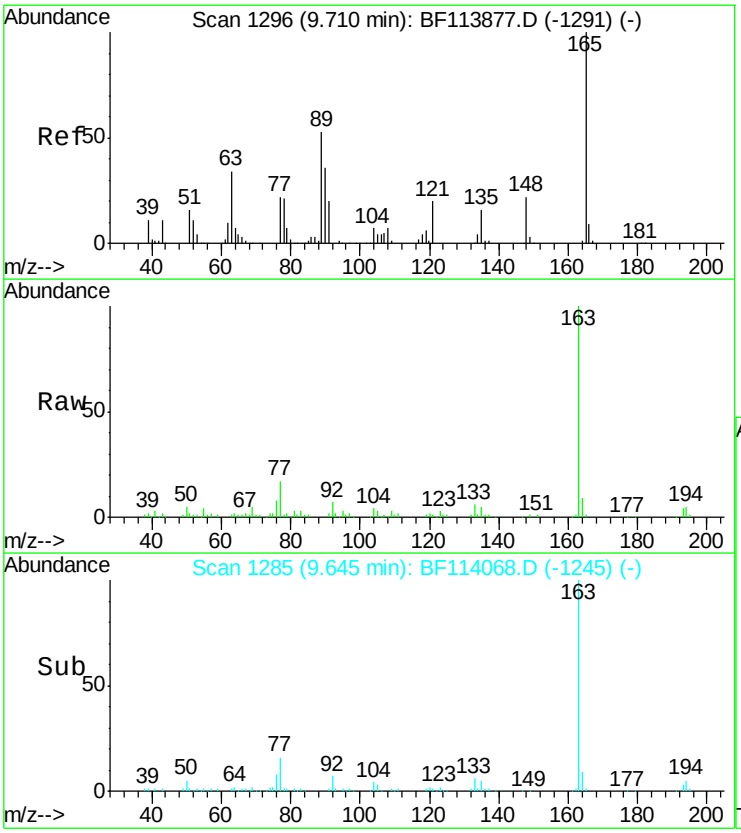
#50
Dimethylphthalate
Concen: 6.250 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 99894

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	10.8	8.5	12.7

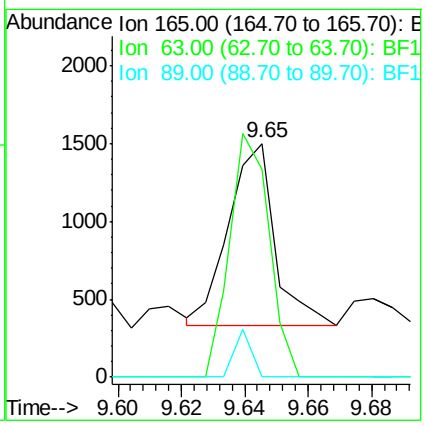


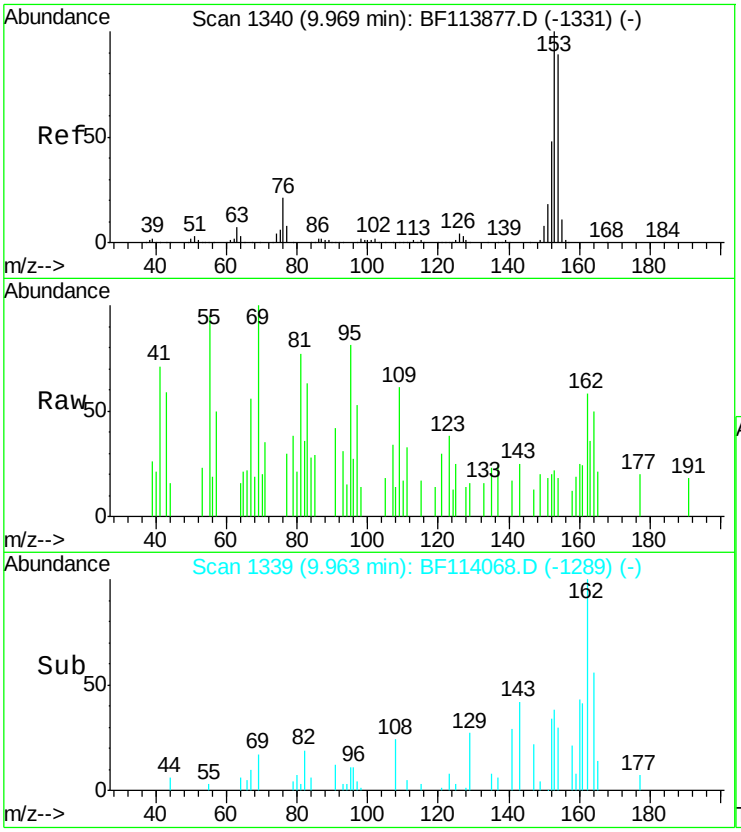


#51
2,6-Dinitrotoluene
Concen: 0.344 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.06 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion:165 Resp: 1178

Ion	Ratio	Lower	Upper
165	100		
63	89.0	33.8	50.8#
89	0.0	38.2	57.2#



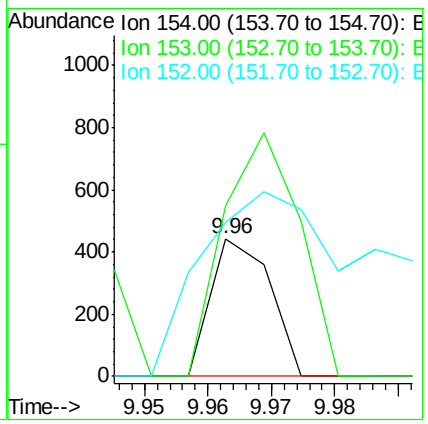


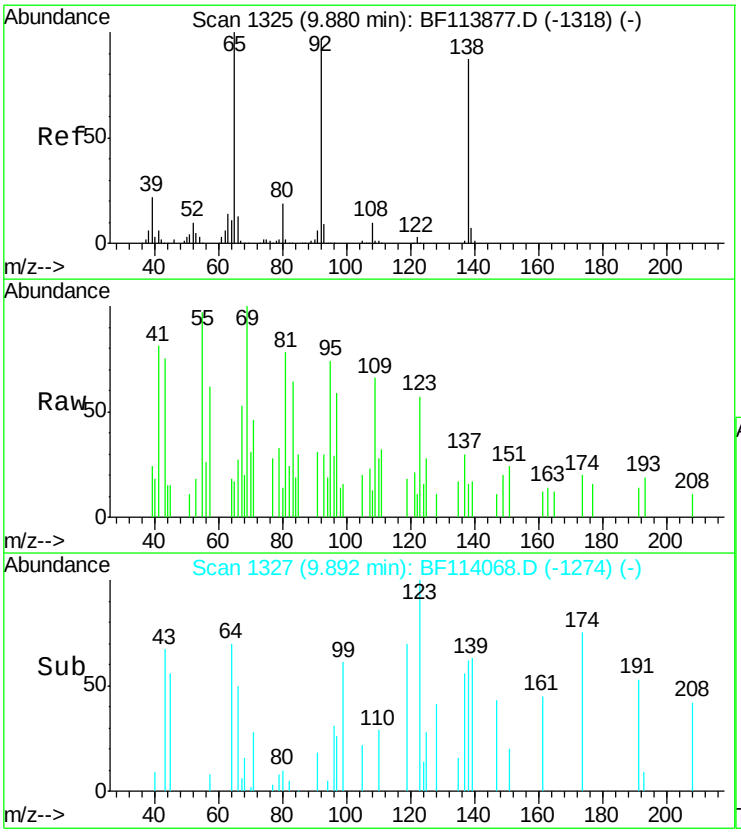
#52
Acenaphthene
Concen: 0.022 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 284

Ion	Ratio	Lower	Upper
154	100		
153	123.9	87.2	130.8
152	111.9	42.3	63.5#

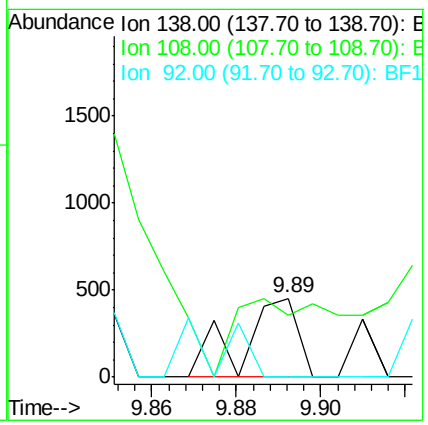


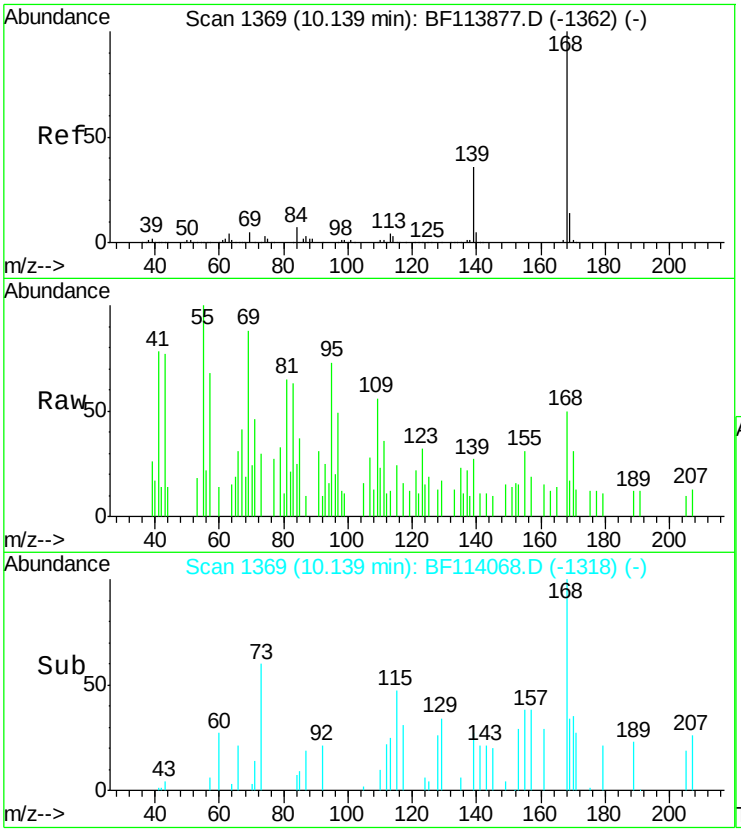


#53
3-Nitroaniline
Concen: 0.116 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion:138 Resp: 418

Ion	Ratio	Lower	Upper
138	100		
108	78.9	9.4	14.2#
92	0.0	94.1	141.1#



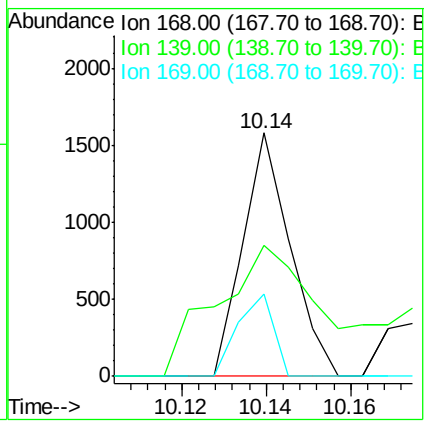


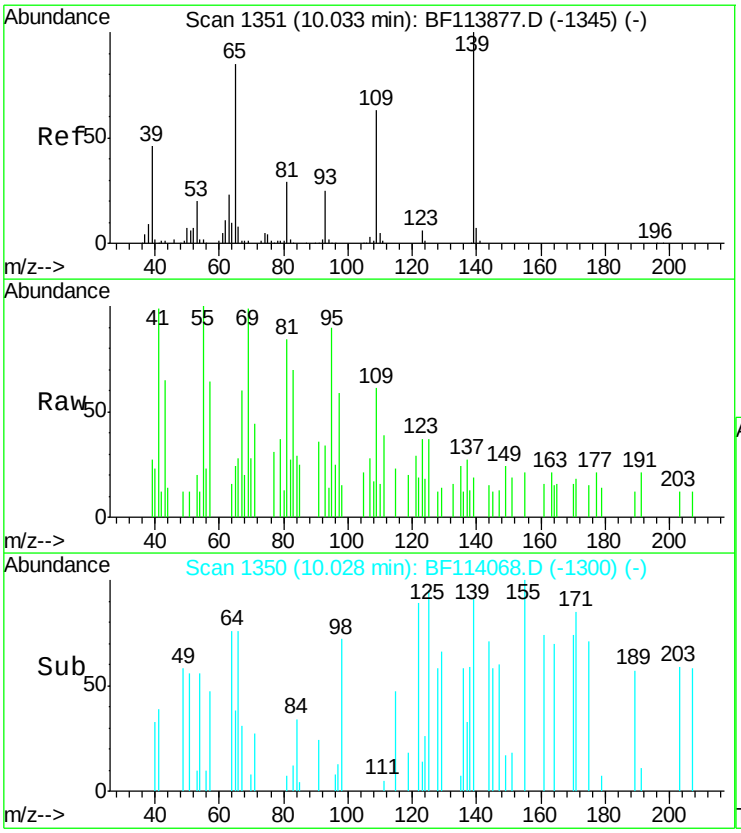
#55
Dibenzofuran
Concen: 0.065 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 1237

Ion	Ratio	Lower	Upper
168	100		
139	53.7	27.8	41.6#
169	33.9	11.0	16.6#

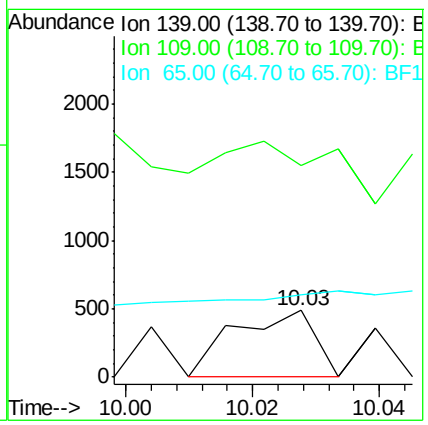


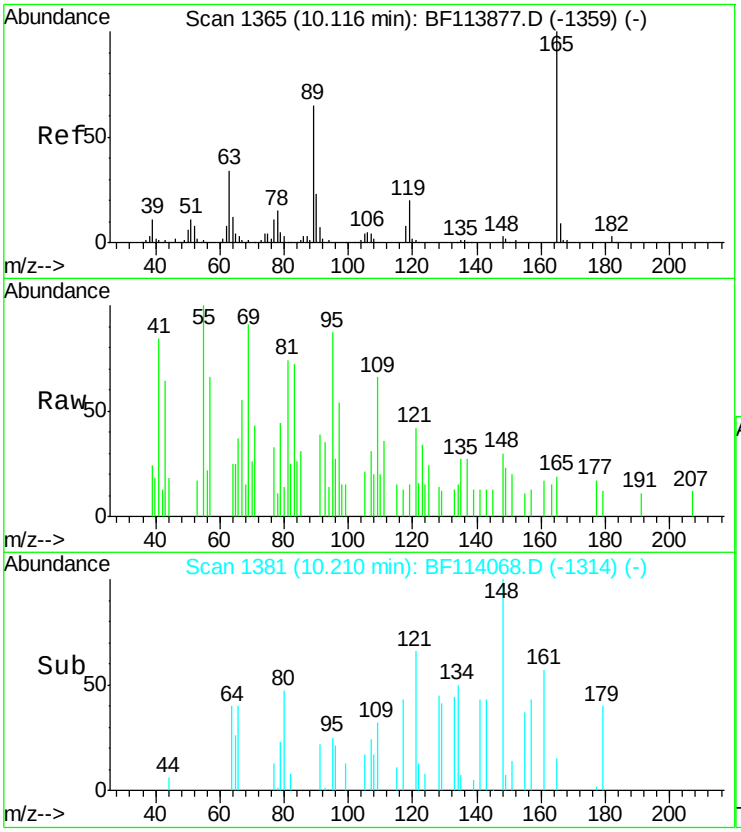


#56
4-Nitrophenol
Concen: 0.150 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion:139 Resp: 429

Ion	Ratio	Lower	Upper
139	100		
109	315.7	42.9	82.9#
65	122.7	64.4	104.4#



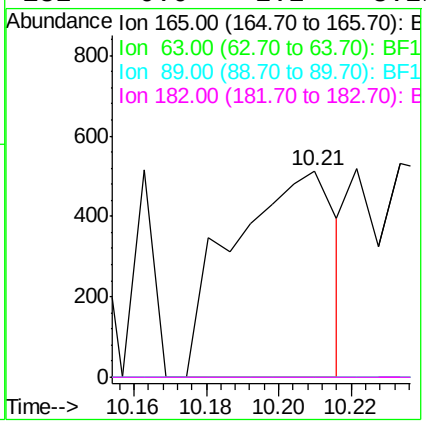


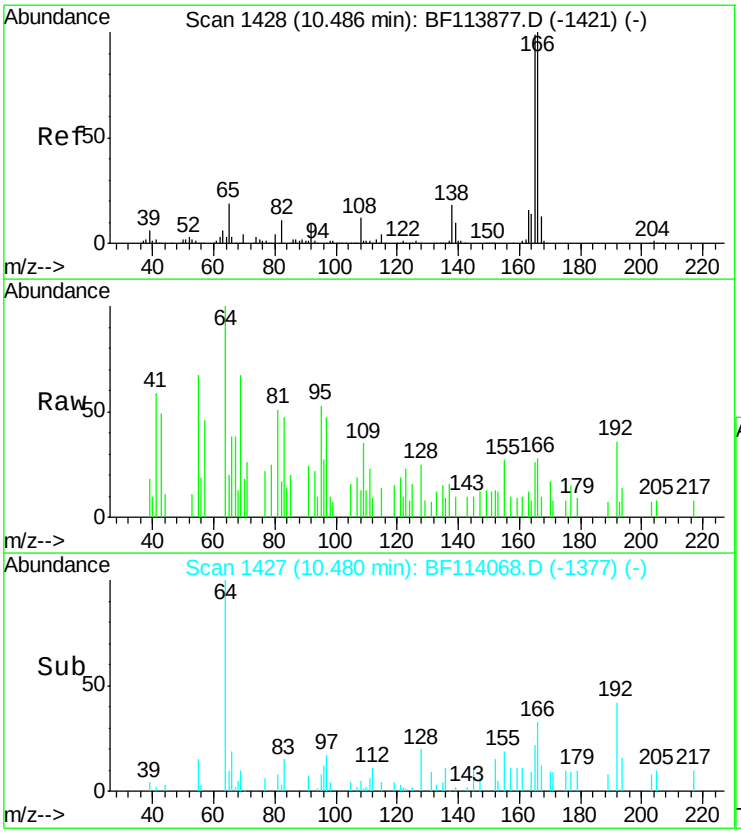
#57
2,4-Dinitrotoluene
Concen: 0.233 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.09 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 1010

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#

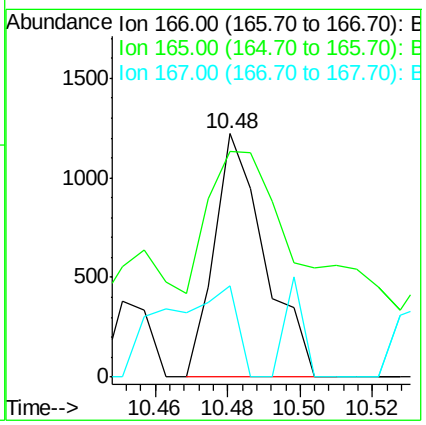


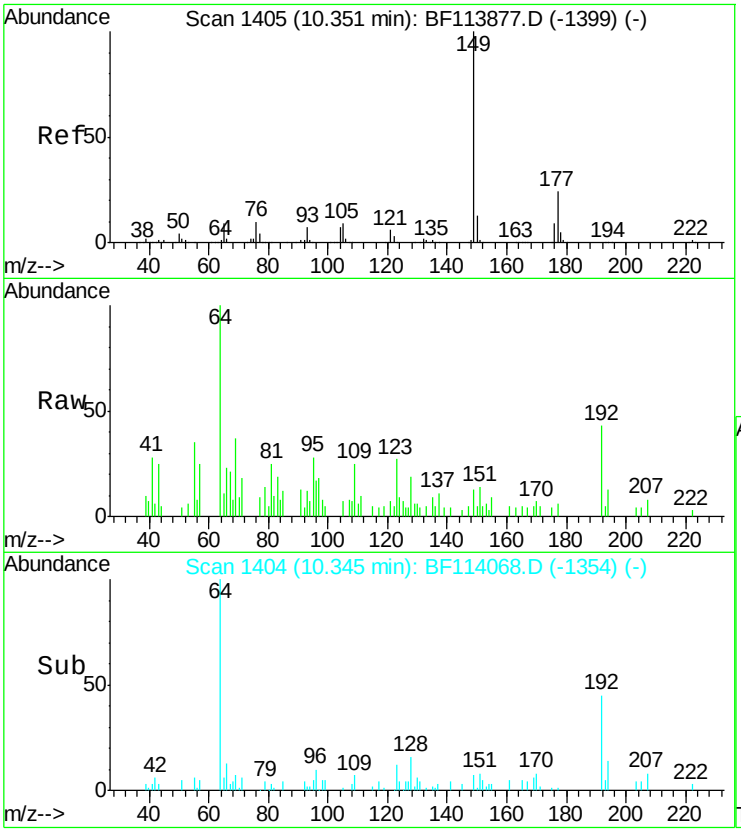


#58
Fluorene
Concen: 0.083 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion:166 Resp: 1186

Ion	Ratio	Lower	Upper
166	100		
165	92.9	78.4	117.6
167	37.4	10.9	16.3#



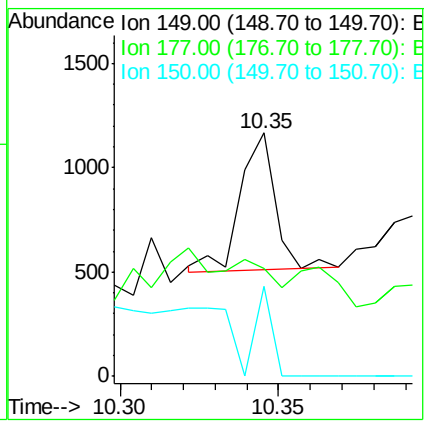


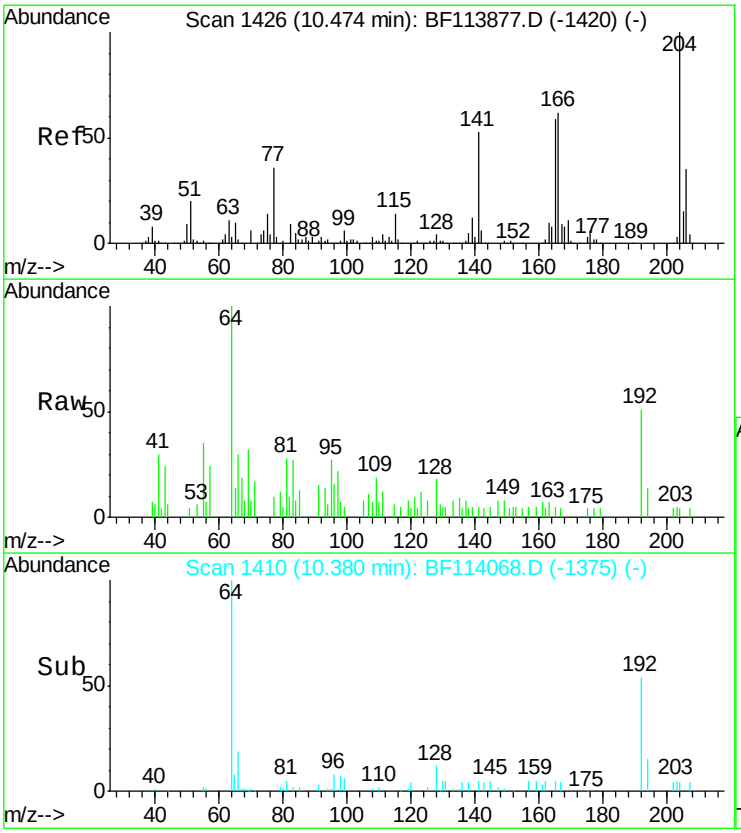
#60
Diethylphthalate
Concen: 0.033 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 504

Ion	Ratio	Lower	Upper
149	100		
177	44.2	19.2	28.8#
150	37.2	10.3	15.5#

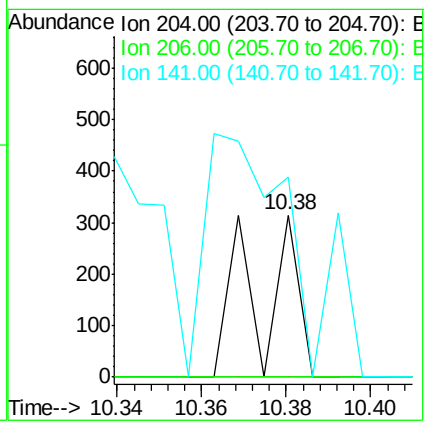


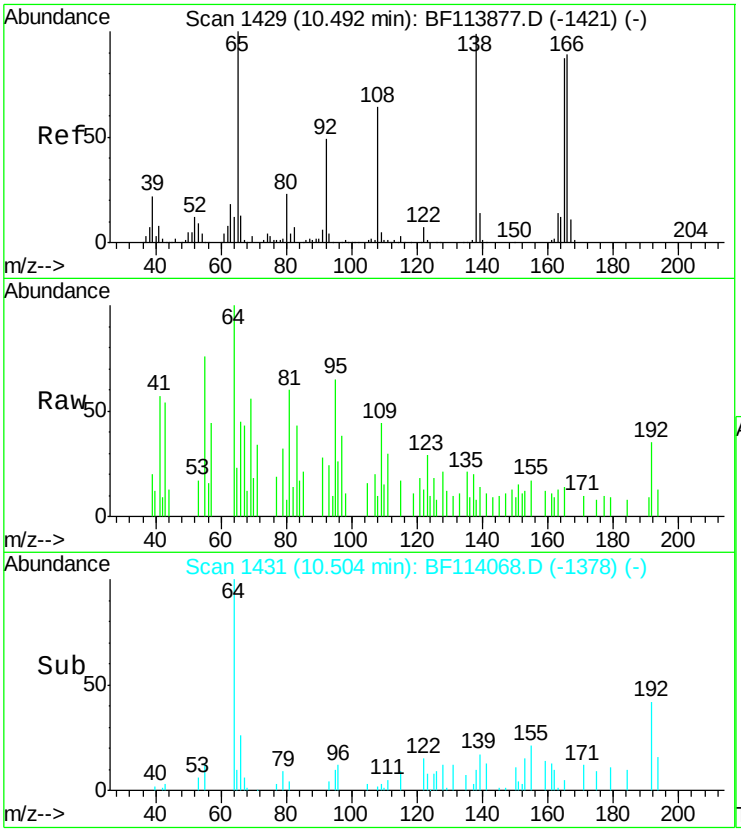


#61
4-Chlorophenyl-phenylether
Concen: 0.029 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.09 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion:204 Resp: 222

Ion	Ratio	Lower	Upper
204	100		
206	0.0	27.4	41.2#
141	123.5	42.6	63.8#



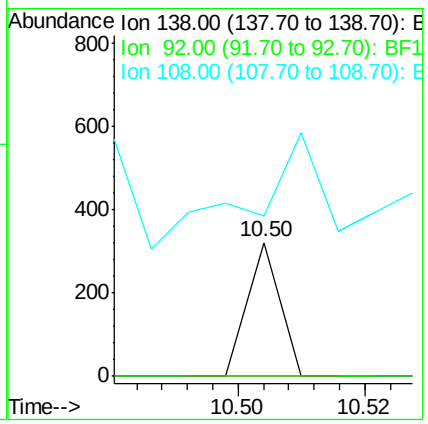


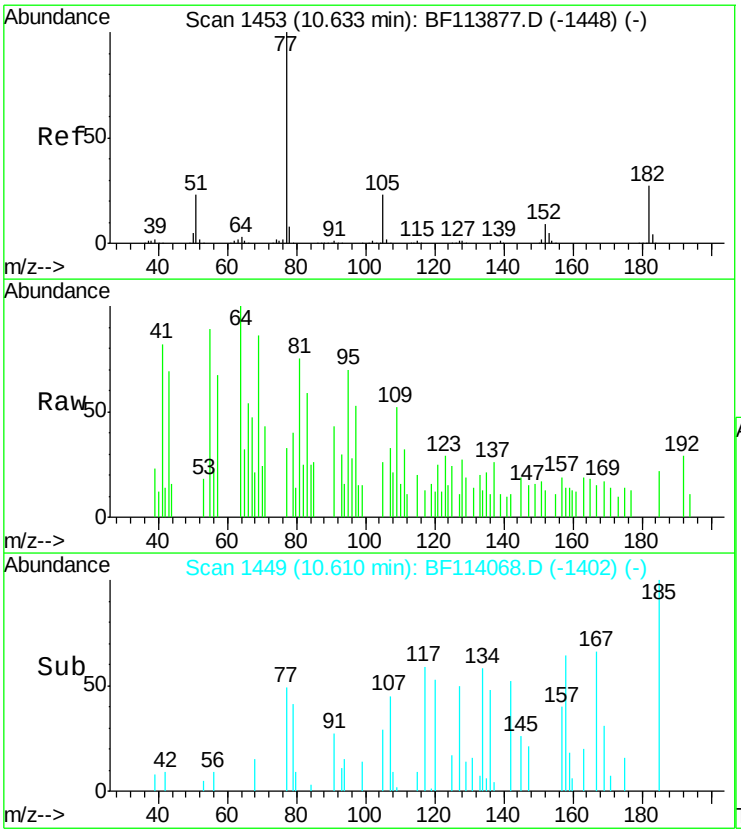
#62
4-Nitroaniline
Concen: 0.032 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 114

Ion	Ratio	Lower	Upper
138	100		
92	0.0	31.3	71.3#
108	119.3	48.9	88.9#

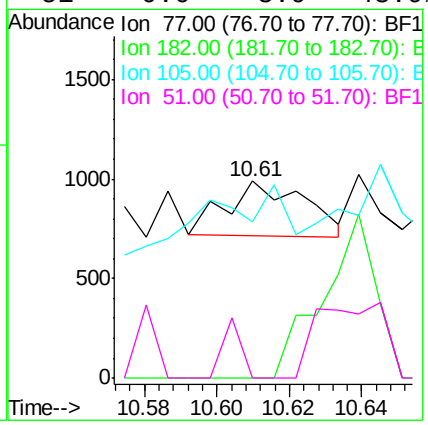


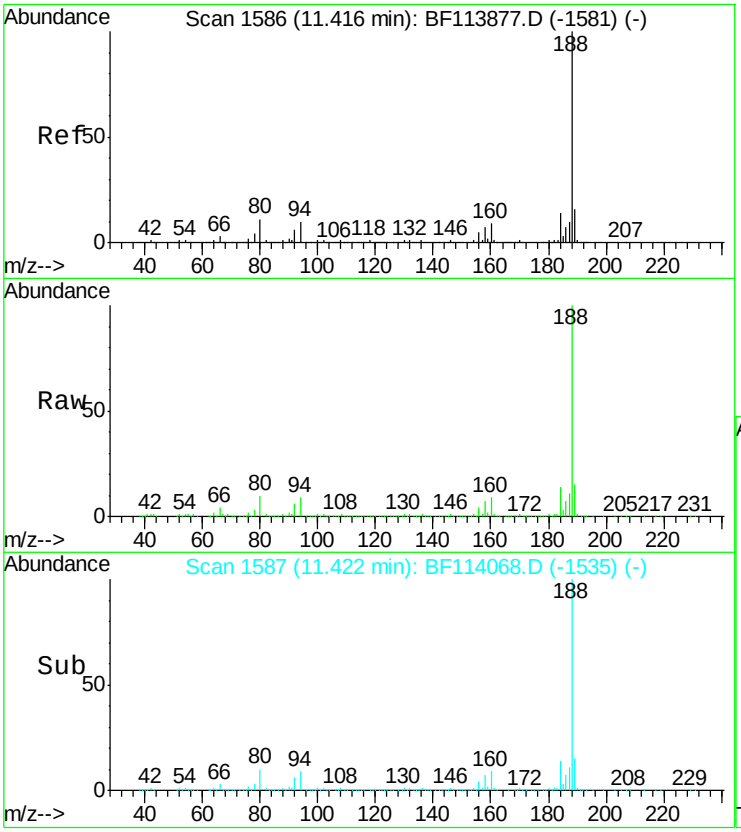


#63
Azobenzene
Concen: 0.028 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.02 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion: 77 Resp: 410

Ion	Ratio	Lower	Upper
77	100		
182	0.0	4.4	44.4#
105	79.6	2.2	42.2#
51	0.0	3.9	43.9#



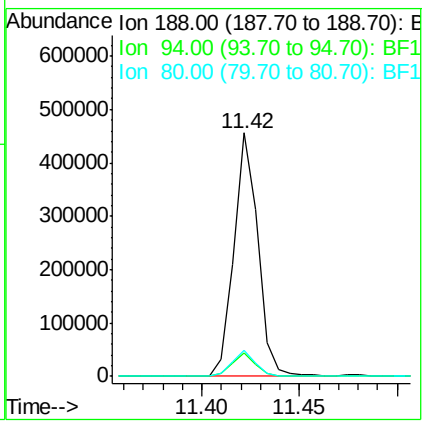


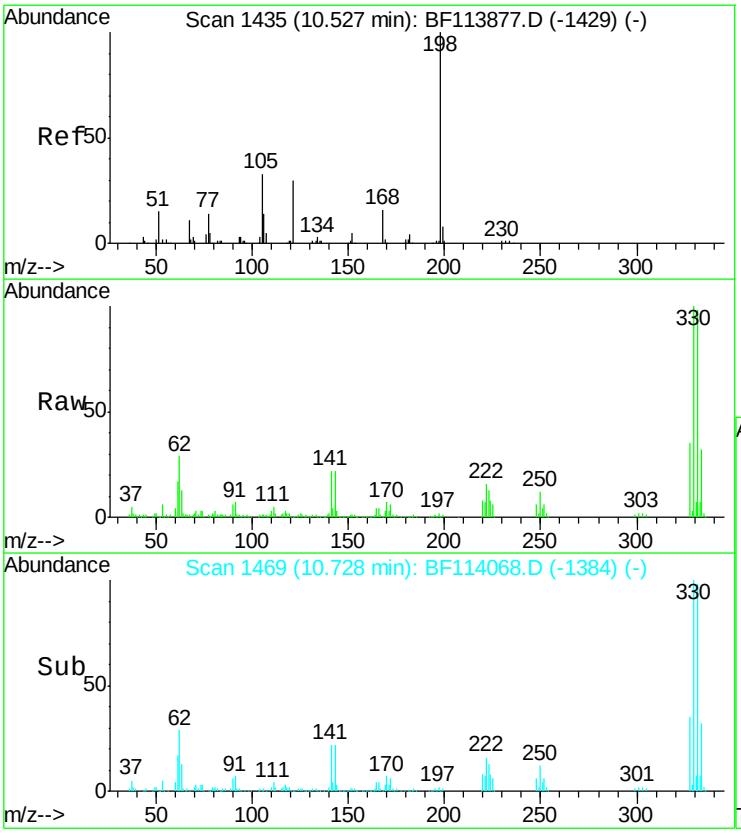
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 389739

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.4
80	10.5	9.0	13.6

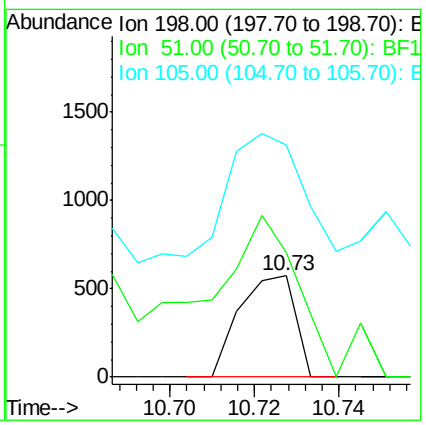


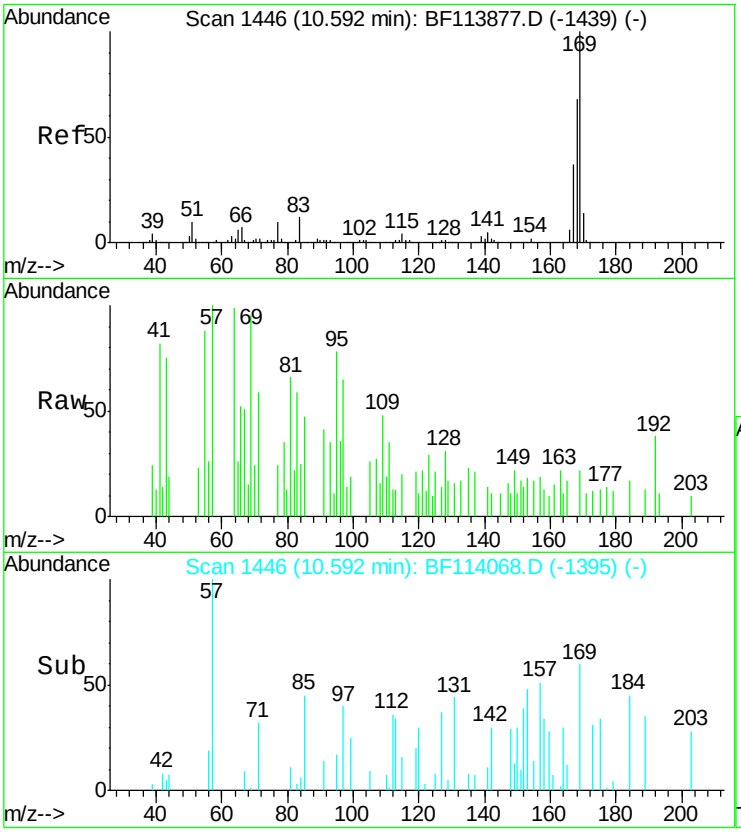


#65
4,6-Dinitro-2-methylphenol
Concen: 7.559 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.20 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion:198 Resp: 528

Ion	Ratio	Lower	Upper
198	100		
51	123.2	11.1	51.1#
105	228.6	20.7	60.7#



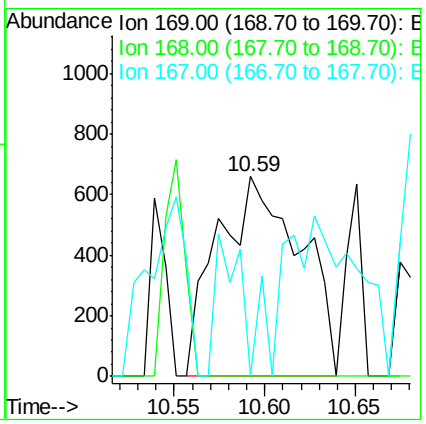


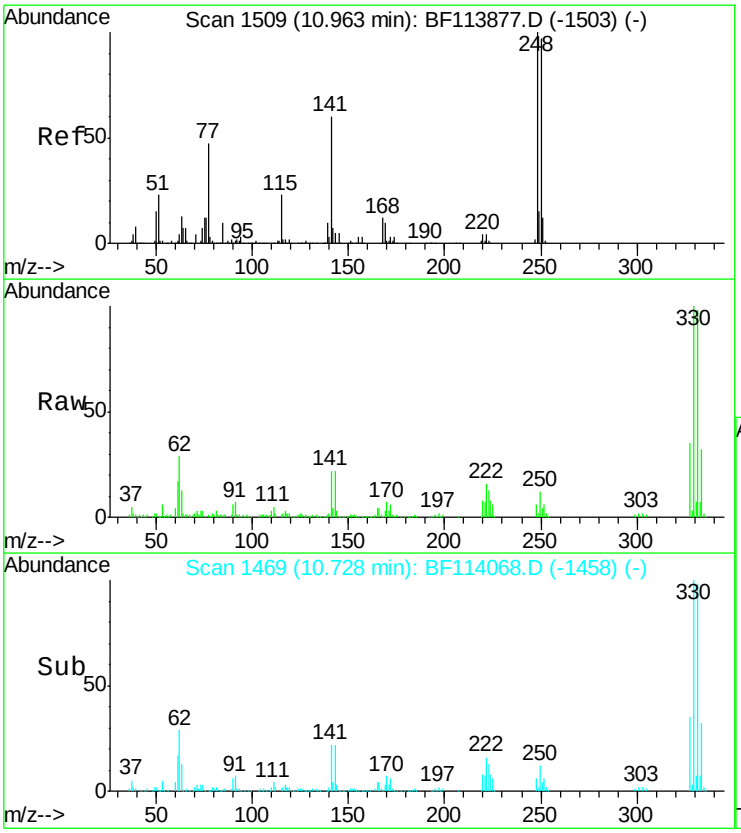
#66
n-Nitrosodiphenylamine
Concen: 0.181 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 2113

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

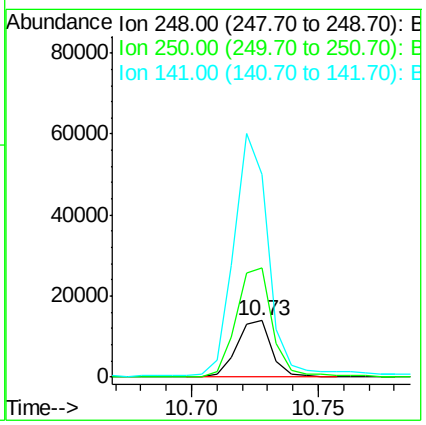


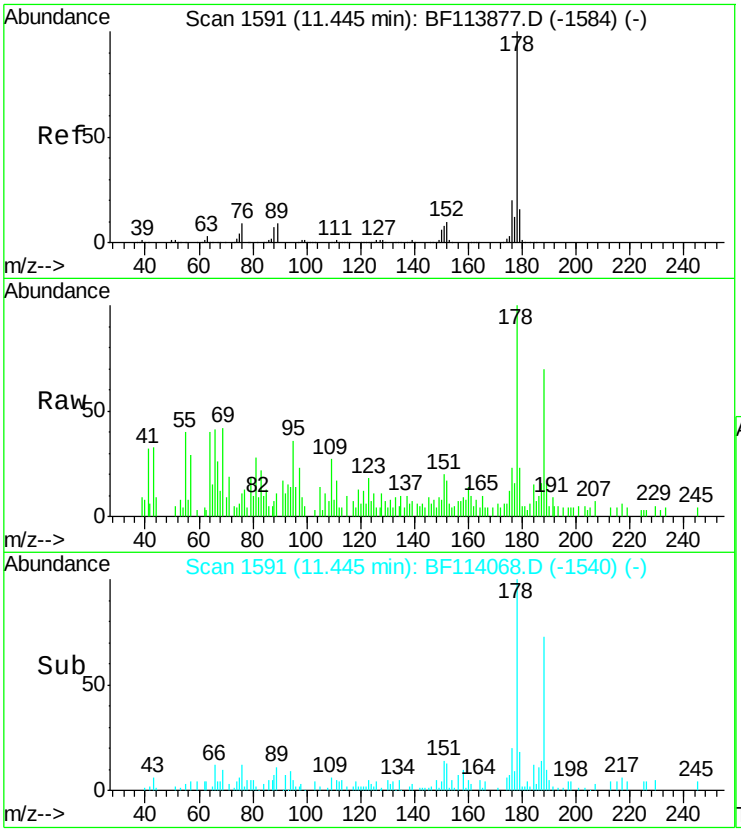


#67
4-Bromophenyl-phenylether
Concen: 2.829 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion:248 Resp: 13318

Ion	Ratio	Lower	Upper
248	100		
250	194.1	75.8	113.6#
141	359.4	50.2	75.4#



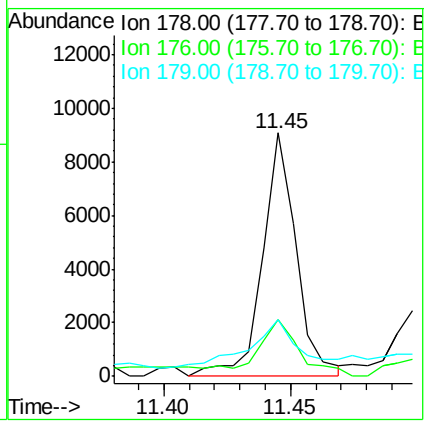


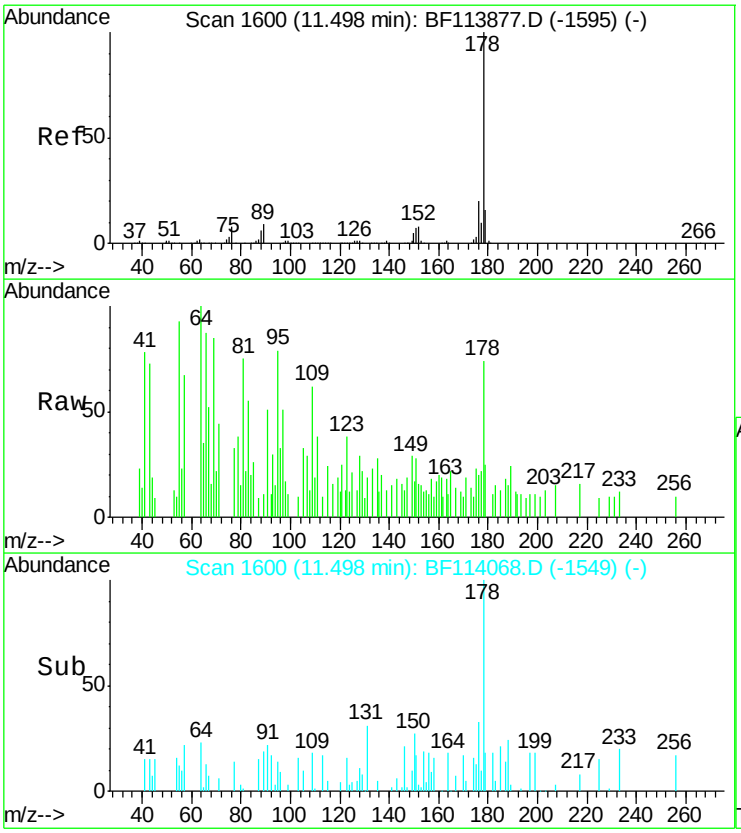
#71
Phenanthrene
Concen: 0.434 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 8496

Ion	Ratio	Lower	Upper
178	100		
176	23.2	16.1	24.1
179	23.2	12.8	19.2#

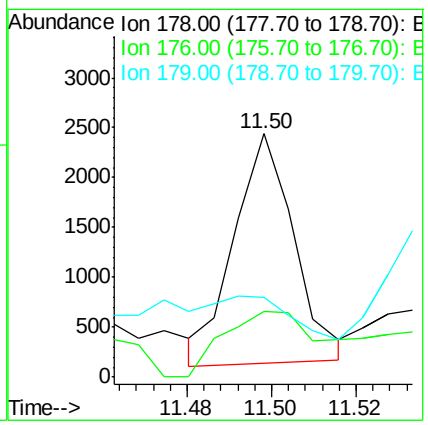


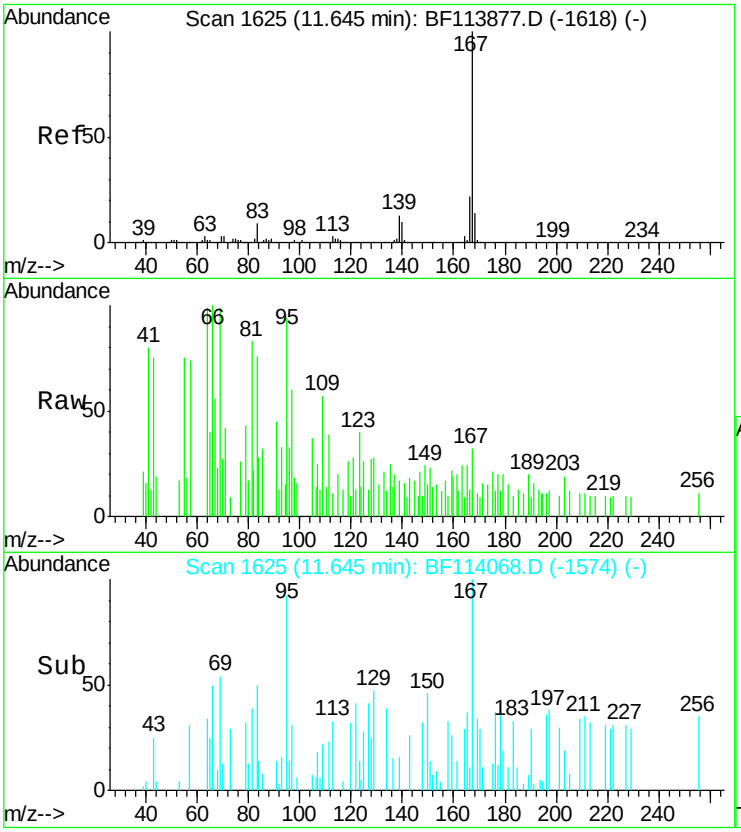


#72
Anthracene
Concen: 0.115 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion:178 Resp: 2272

Ion	Ratio	Lower	Upper
178	100		
176	27.0	15.7	23.5#
179	33.0	13.0	19.4#



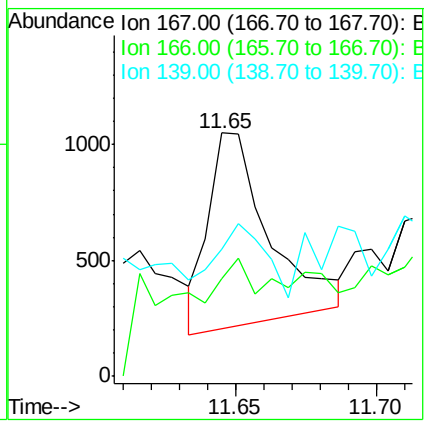


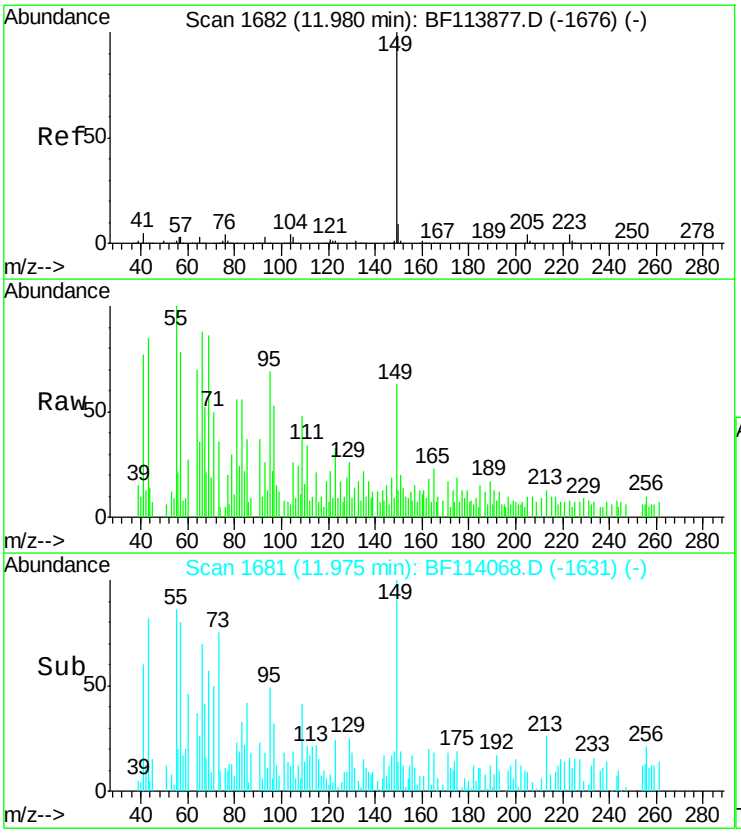
#73
Carbazole
Concen: 0.072 ng
RT: 11.65 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 1274

Ion	Ratio	Lower	Upper
167	100		
166	40.2	17.7	26.5#
139	52.3	10.0	15.0#

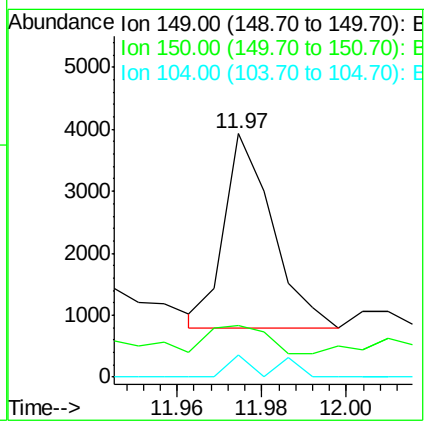


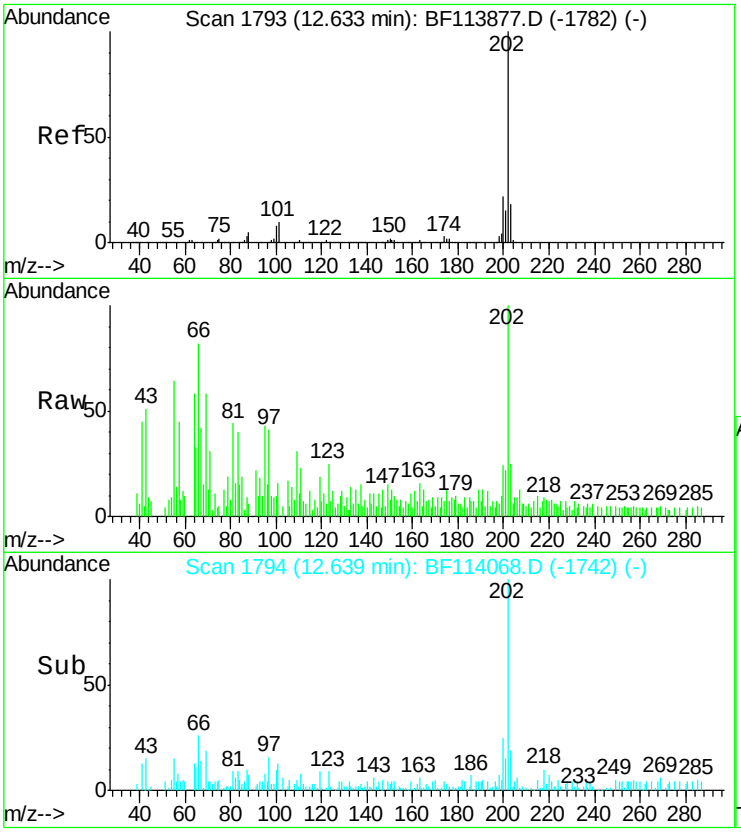


#74
Di-n-butylphthalate
Concen: 0.120 ng
RT: 11.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion:149 Resp: 2499

Ion	Ratio	Lower	Upper
149	100		
150	21.1	7.8	11.8#
104	8.9	3.8	5.8#



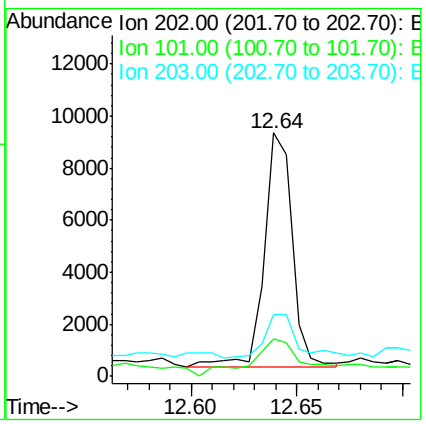


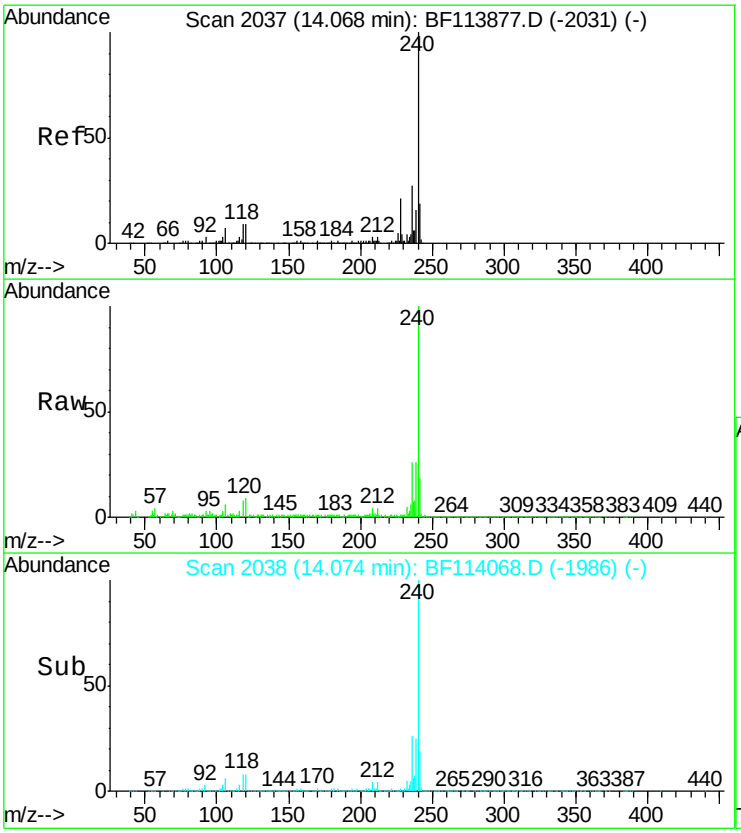
#75
Fluoranthene
Concen: 0.395 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.01 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 8434

Ion	Ratio	Lower	Upper
202	100		
101	15.6	0.0	32.9
203	25.3	0.0	38.2

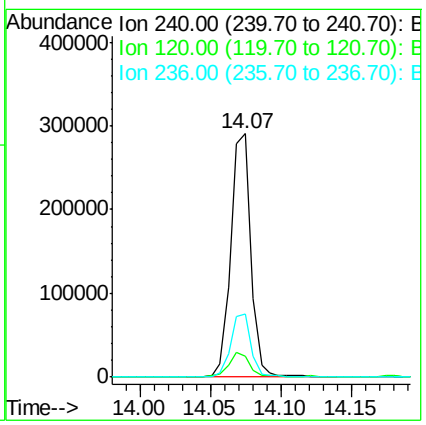


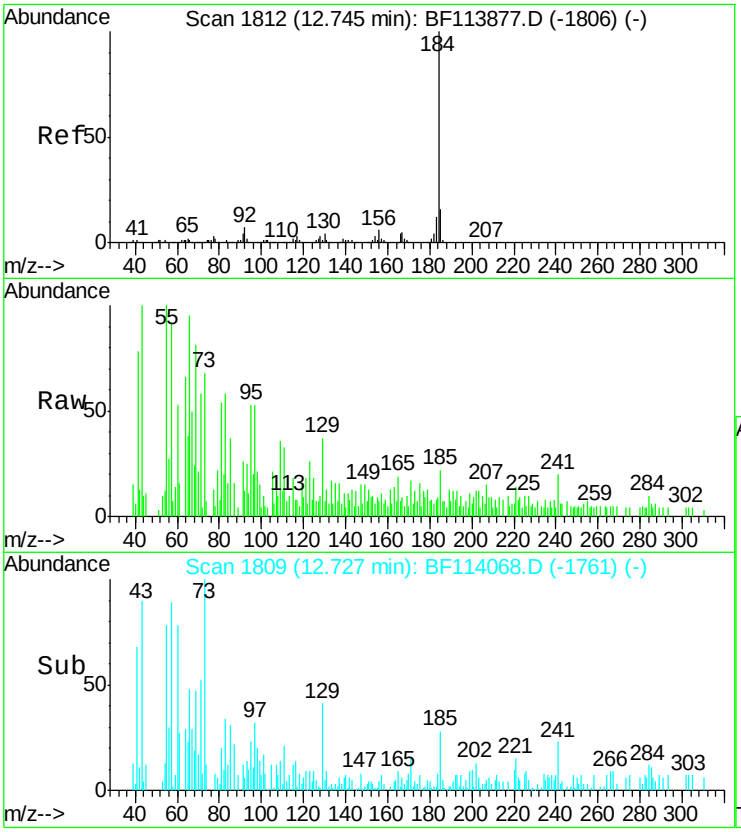


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.01 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion:240 Resp: 286268

Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.3	13.9#
236	26.1	21.2	31.8



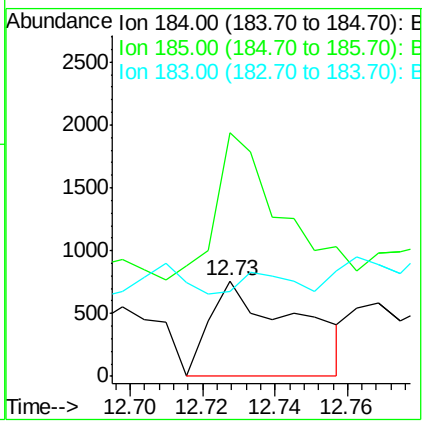


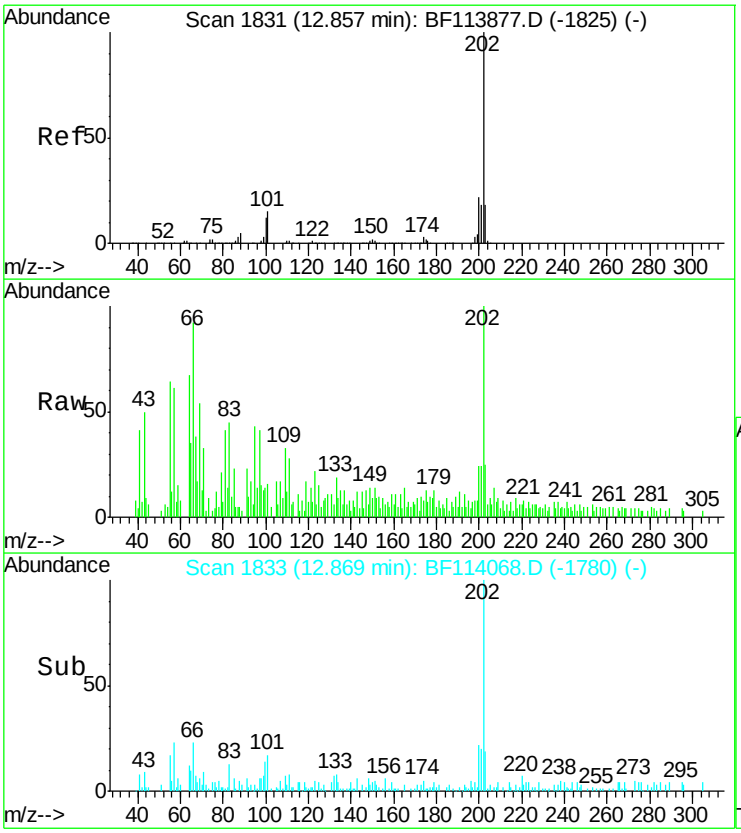
#77
Benzidine
Concen: 0.147 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.02 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 1254

Ion	Ratio	Lower	Upper
184	100		
185	254.9	13.0	19.6#
183	88.3	9.4	14.0#

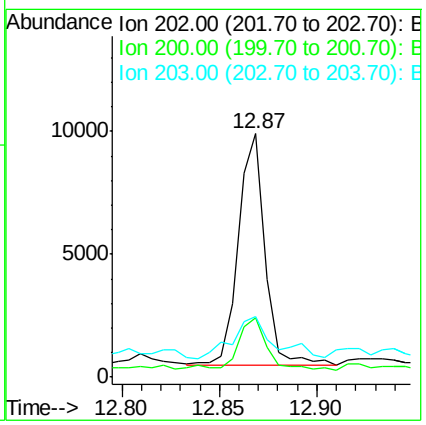


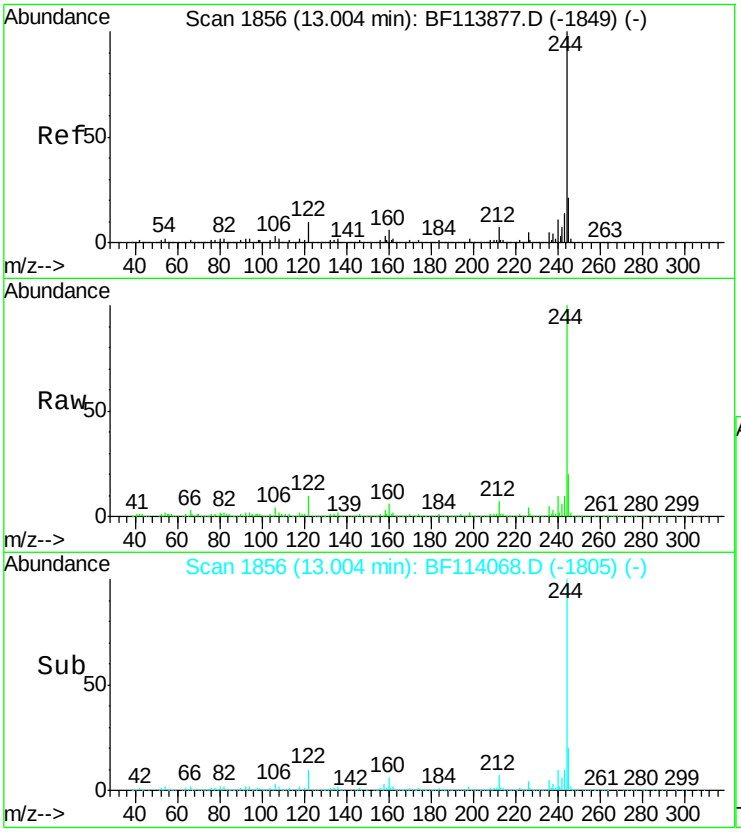


#78
Pyrene
Concen: 0.444 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion:202 Resp: 8894

Ion	Ratio	Lower	Upper
202	100		
200	24.3	17.7	26.5
203	24.8	15.0	22.6#



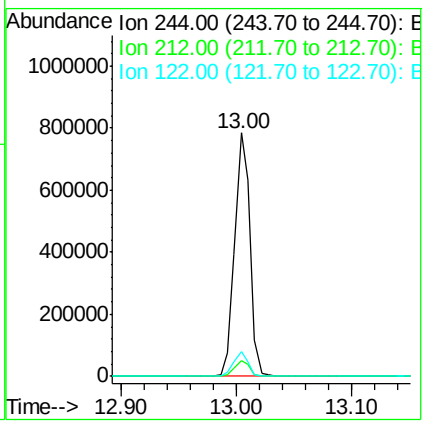


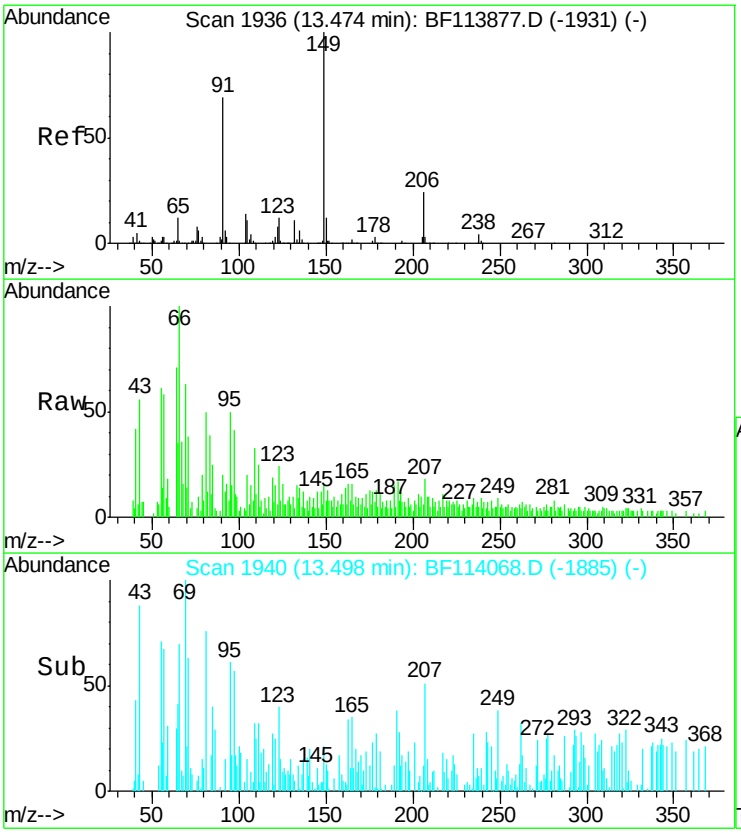
#79
Terphenyl-d14
Concen: 51.493 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.00 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 719017

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	10.2	7.6	11.4

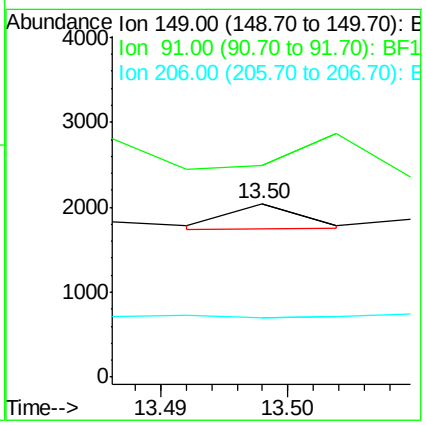


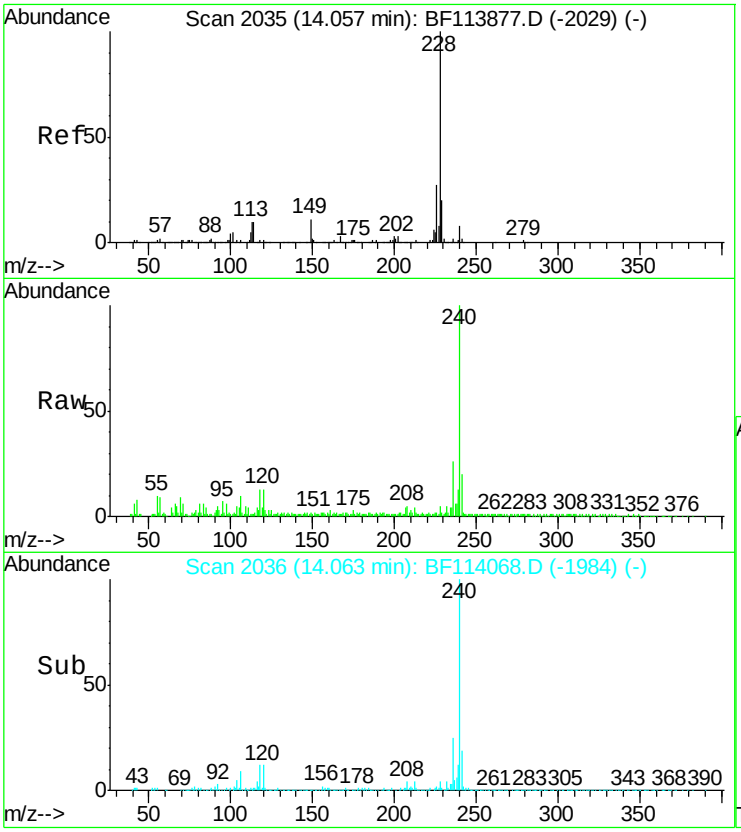


#80
Butylbenzylphthalate
Concen: 0.015 ng
RT: 13.50 min Scan# 1940
Delta R.T. 0.02 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion:149 Resp: 116

Ion	Ratio	Lower	Upper
149	100		
91	121.7	56.3	84.5#
206	34.4	19.0	28.6#



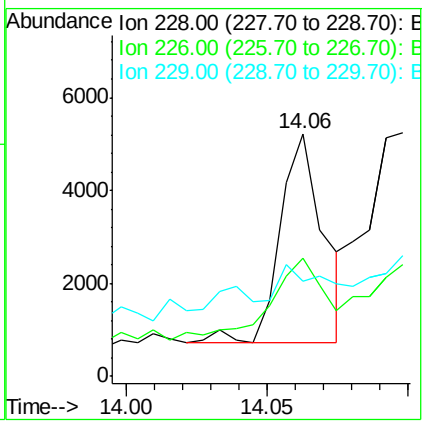


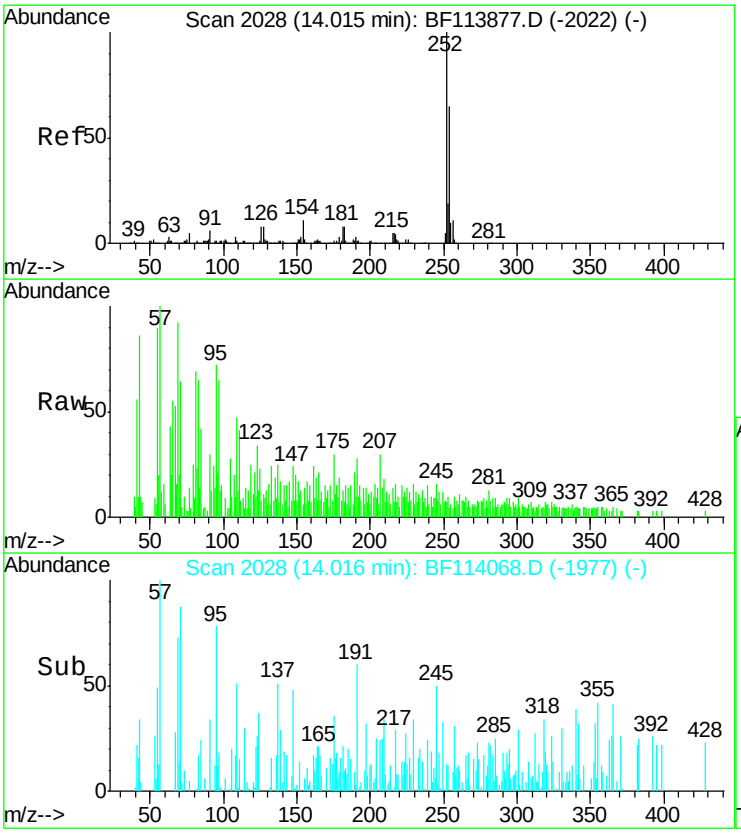
#81
Benzo(a)anthracene
Concen: 0.283 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 4779

Ion	Ratio	Lower	Upper
228	100		
226	48.7	22.2	33.2#
229	39.3	16.0	24.0#

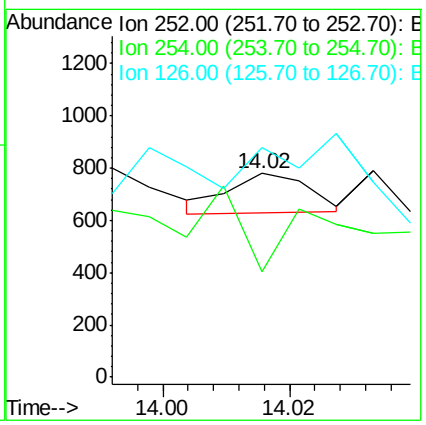


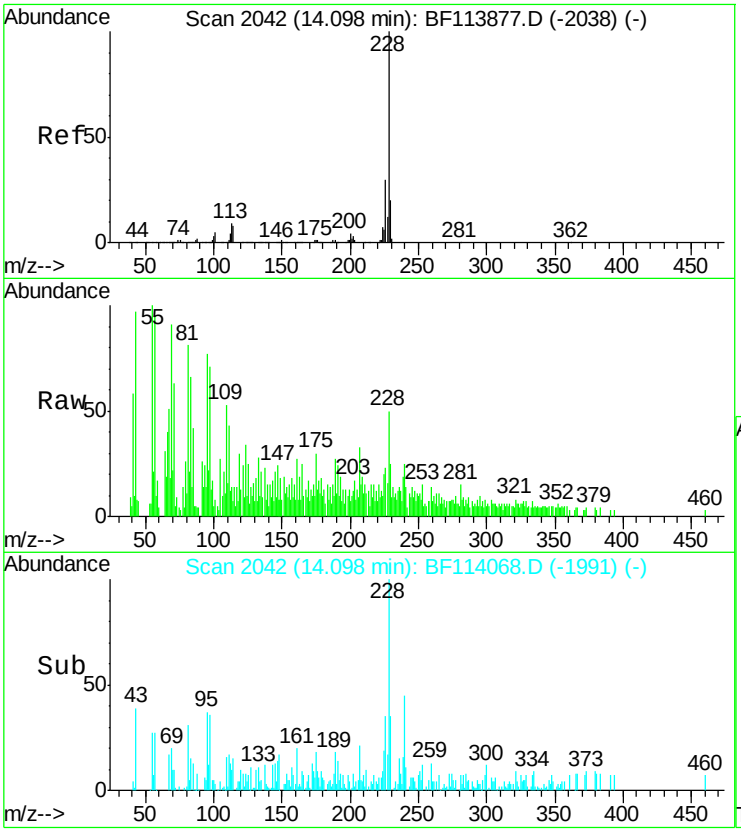


#82
3,3'-Dichlorobenzidine
Concen: 0.021 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion:252 Resp: 130

Ion	Ratio	Lower	Upper
252	100		
254	52.0	52.1	78.1#
126	112.6	9.3	13.9#



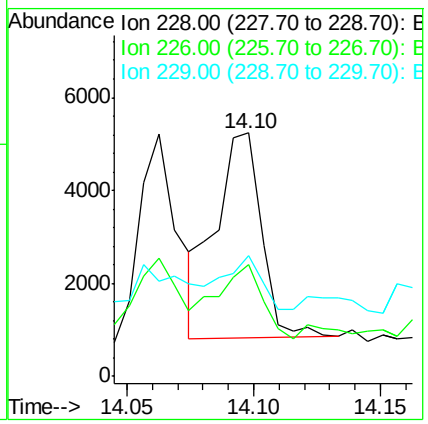


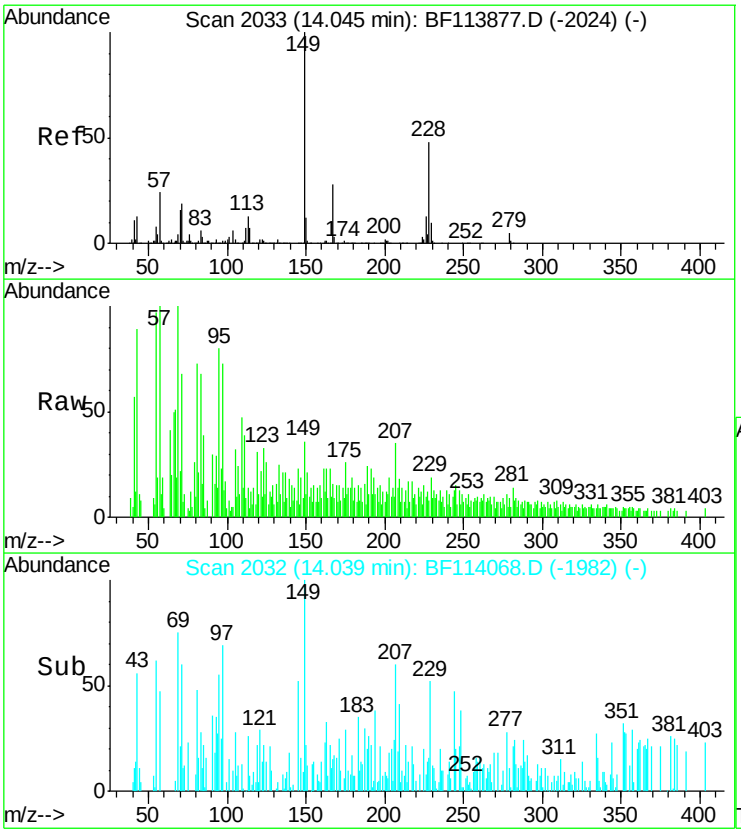
#83
Chrysene
Concen: 0.340 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.00 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 5592

Ion	Ratio	Lower	Upper
228	100		
226	46.0	25.2	37.8#
229	49.7	16.7	25.1#

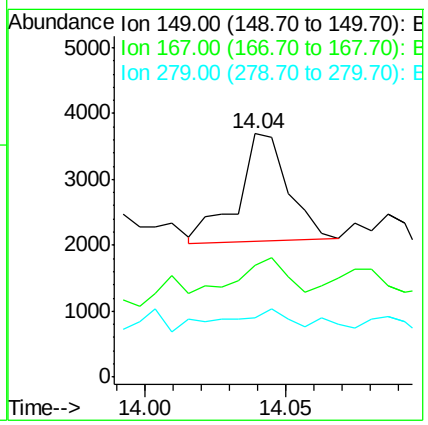


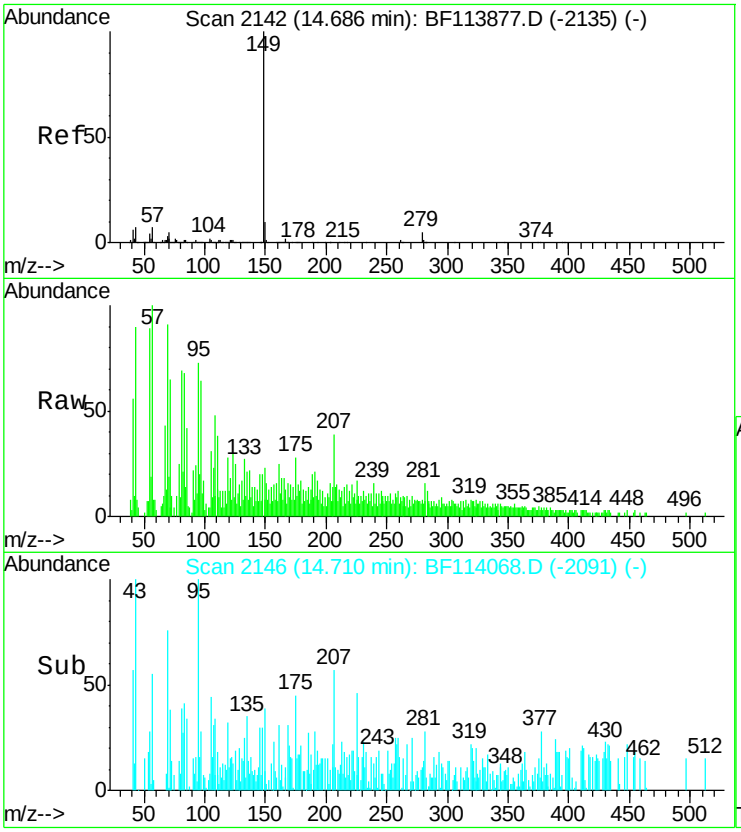


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.200 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion:149 Resp: 2003

Ion	Ratio	Lower	Upper
149	100		
167	46.1	22.9	34.3#
279	24.2	4.2	6.2#



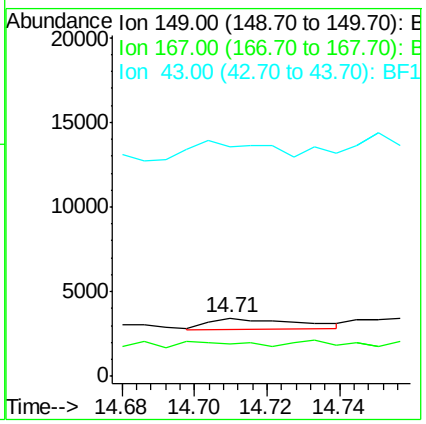


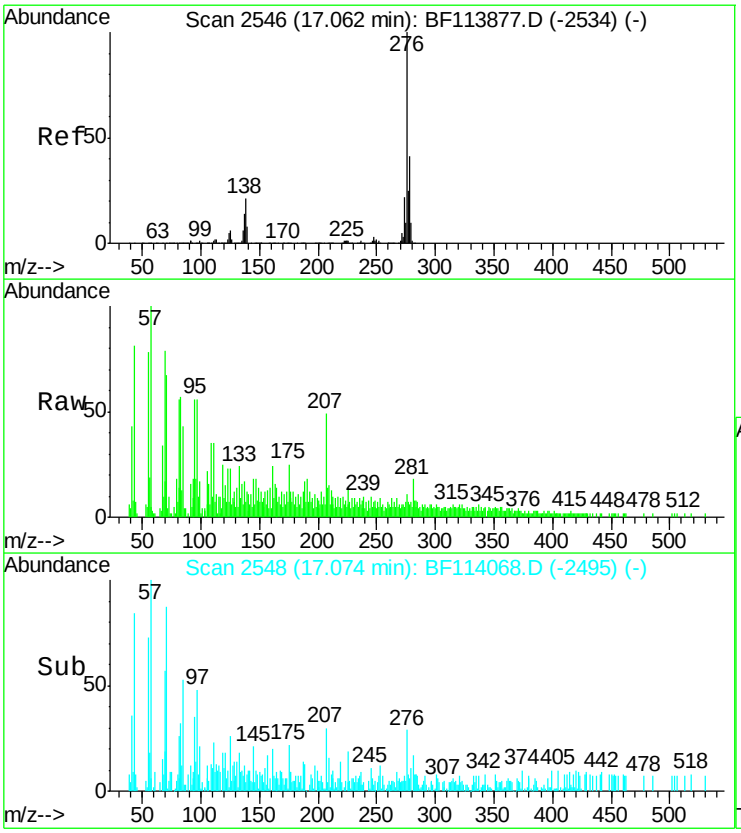
#85
Di-n-octyl phthalate
Concen: 0.067 ng
RT: 14.71 min Scan# 2146
Delta R.T. 0.02 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1057

Ion	Ratio	Lower	Upper
149	100		
167	48.2	1.3	1.9#
43	161.7	6.6	10.0#

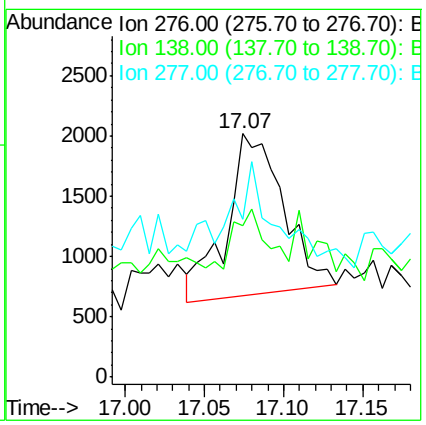


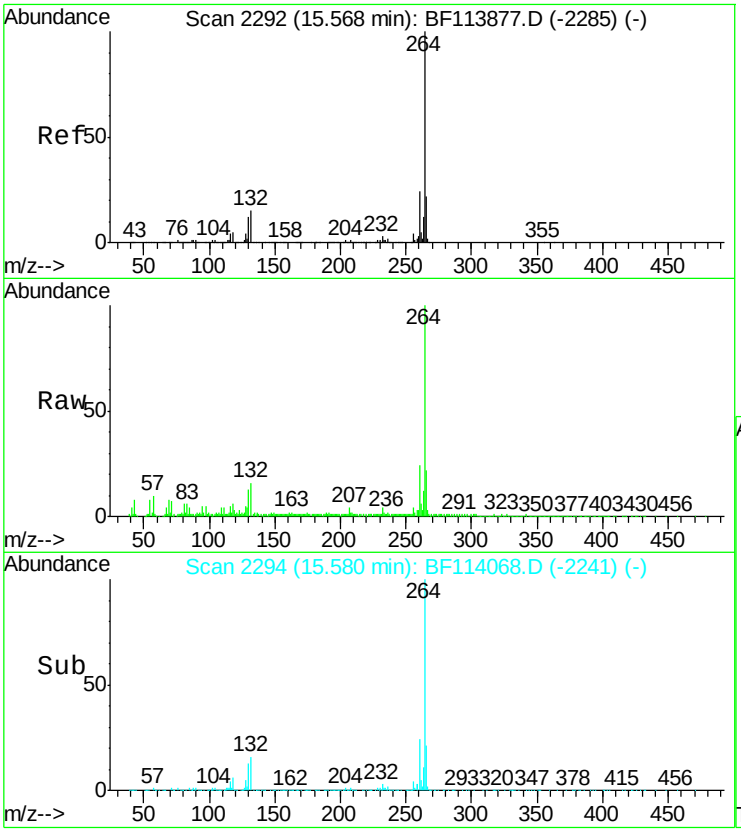


#86
Indeno(1,2,3-cd)pyrene
Concen: 0.212 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.01 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion:276 Resp: 3301

Ion	Ratio	Lower	Upper
276	100		
138	18.1	19.6	29.4#
277	48.9	20.2	30.4#



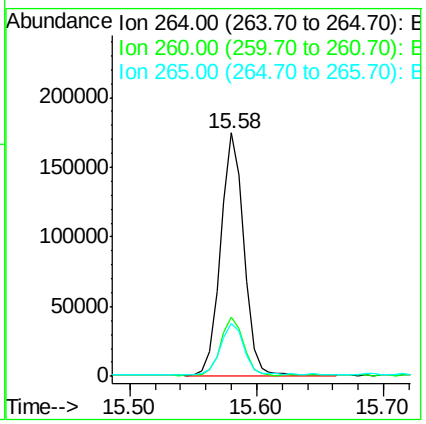


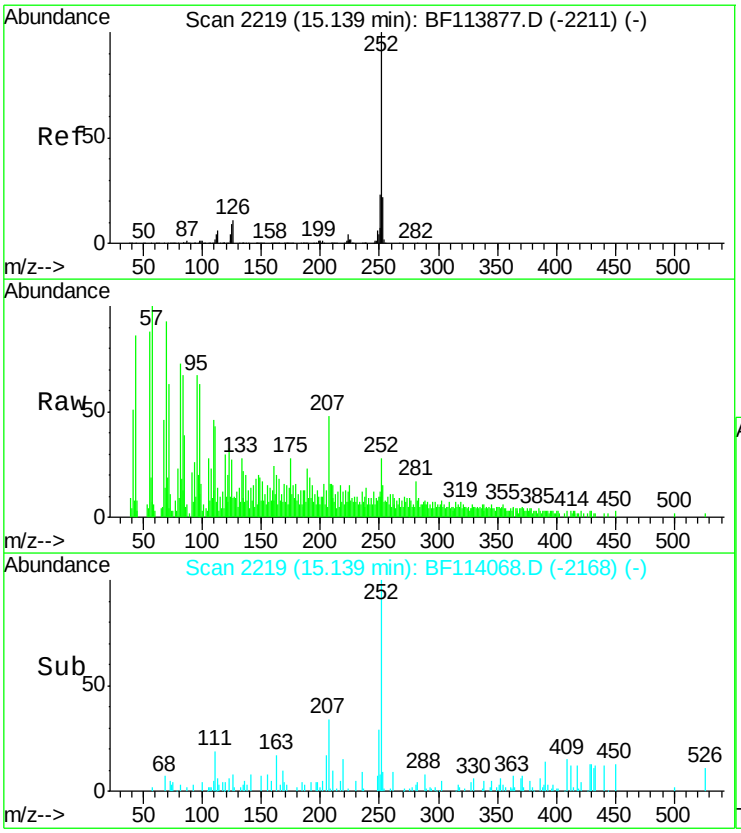
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 219818

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.9	28.3
265	21.9	17.3	25.9

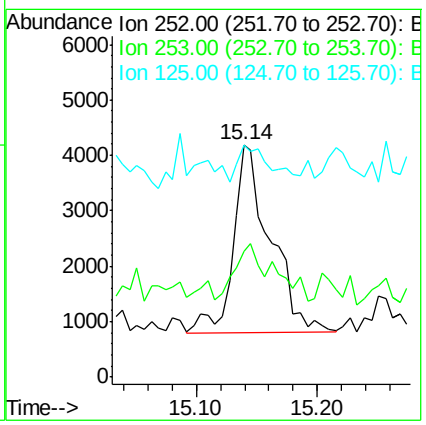


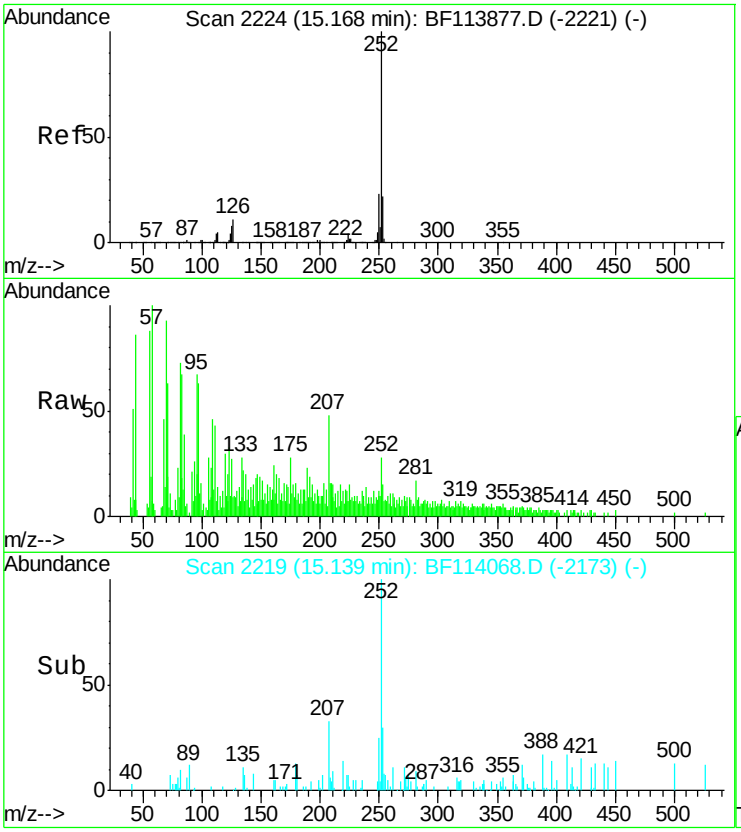


#88
Benzo(b)fluoranthene
Concen: 0.523 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion:252 Resp: 7269

Ion	Ratio	Lower	Upper
252	100		
253	53.9	17.8	26.6#
125	99.6	7.0	10.6#



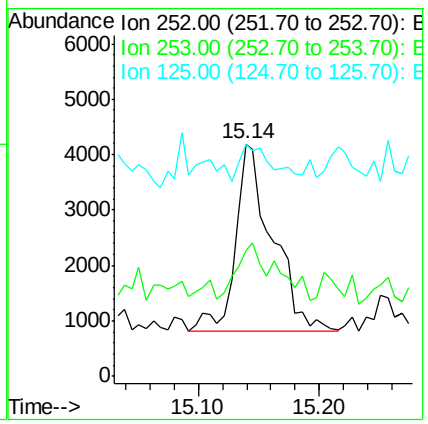


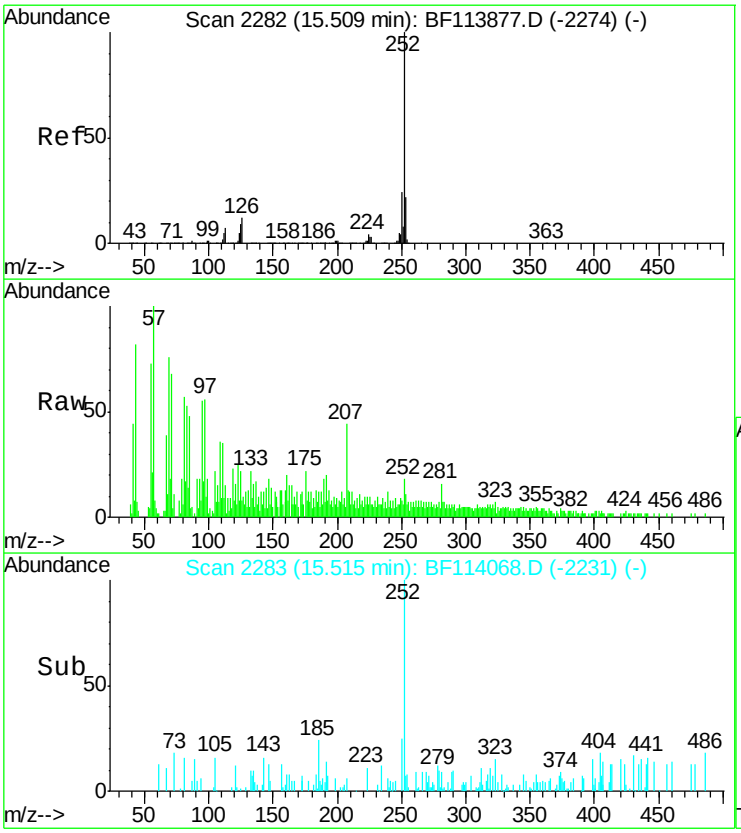
#89
Benzo(k)fluoranthene
Concen: 0.605 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.03 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 7240

Ion	Ratio	Lower	Upper
252	100		
253	53.9	18.2	27.2#
125	99.6	7.4	11.2#

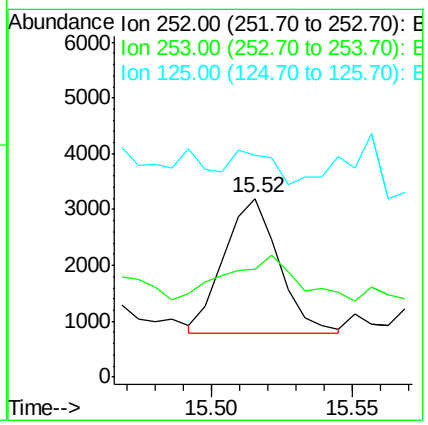


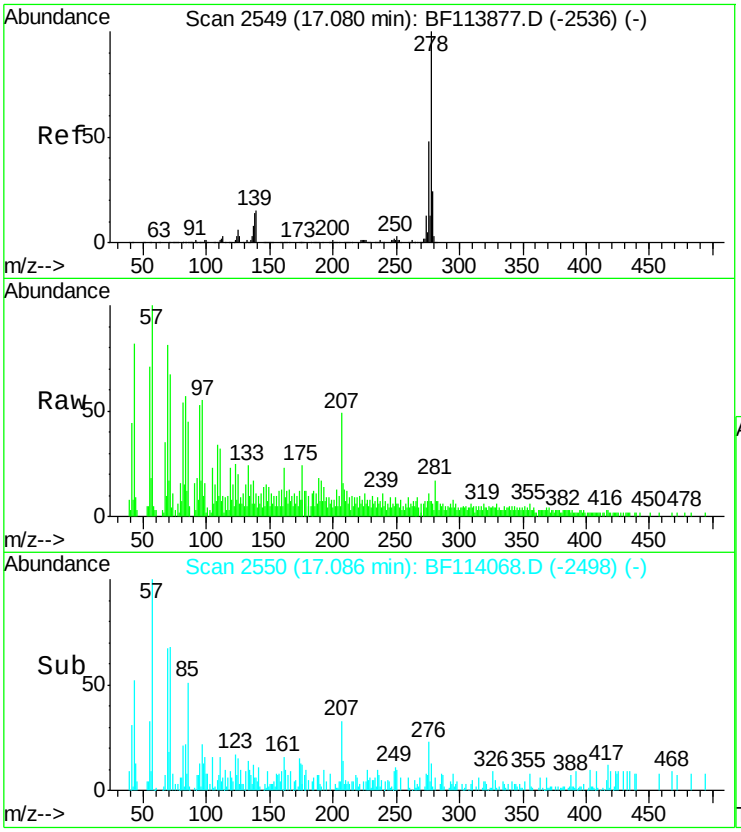


#90
Benzo(a)pyrene
Concen: 0.269 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion:252 Resp: 3231

Ion	Ratio	Lower	Upper
252	100		
253	60.6	17.5	26.3#
125	123.9	8.5	12.7#



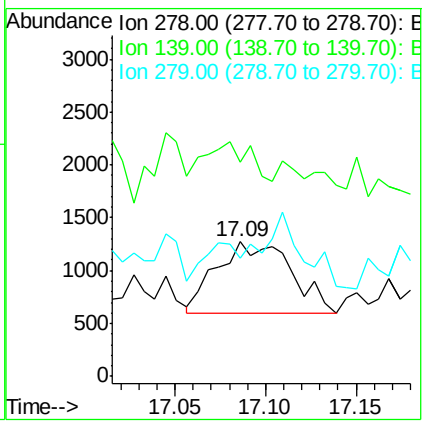


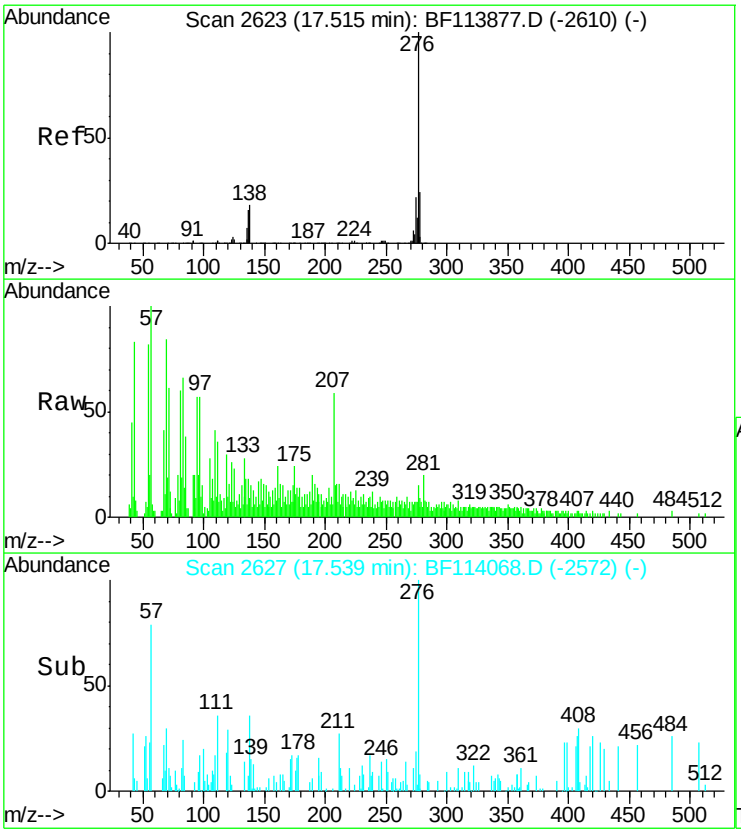
#91
Dibenzo(a,h)anthracene
Concen: 0.170 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.01 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 1915

Ion	Ratio	Lower	Upper
278	100		
139	159.4	11.6	17.4#
279	87.6	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 0.311 ng
RT: 17.54 min Scan# 2627
Delta R.T. 0.02 min
Lab File: BF114068.D
Acq: 1 May 2019 14:47

Tgt Ion:276 Resp: 3543

Ion	Ratio	Lower	Upper
276	100		
277	59.0	19.0	28.4#
138	61.0	16.6	25.0#