Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118979.D
Acq On : 21 Feb 2020 1:03
Operator : CG/JU
Sample : L1600-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 21 02:15:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	192289	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	702552	20.00	ng		0.00
39) Acenaphthene-d10	9.79	164	350096	20.00	ng		0.00
64) Phenanthrene-d10	11.27	188	541210	20.00	ng		0.00
76) Chrysene-d12	13.90	240	398270	20.00	ng		0.00
87) Perylene-d12	15.33	264	436751	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	998015	86.74	ng		0.00
7) Phenol-d6	6.40	99	1217594	87.01	ng		0.00
23) Nitrobenzene-d5	7.32	82	781102	58.70	ng		0.00
42) 2,4,6-Tribromophenol	10.58	330	344176	75.15	ng		0.00
45) 2-Fluorobiphenyl	9.12	172	1448246	60.94	ng		0.00
79) Terphenyl-d14	12.85	244	1294867	55.98	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.41	93	499	0.029	ng	#	1
9) Benzaldehyde	6.40	77	2435	0.260	ng	#	1
10) Phenol	6.41	94	18260	1.207	ng	#	54
11) bis(2-Chloroethyl)ether	6.41	93	499	0.043	ng	#	1
12) 1,3-Dichlorobenzene	6.78	146	243	0.016	ng	#	26
13) 1,4-Dichlorobenzene	6.78	146	243	0.016	ng	#	25
14) 1,2-Dichlorobenzene	6.78	146	243	0.018	ng	#	23
15) Benzyl Alcohol	6.92	79	13936	1.378	ng	#	50
17) 2-Methylphenol	6.92	107	127	0.013	ng	#	1
19) n-Nitroso-di-n-propylamine	7.32	70	107056	13.129	ng	#	75
20) 3+4-Methylphenols	6.92	107	127	0.010	ng	#	1
22) Acetophenone	7.17	105	298	0.018	ng	#	53
24) Nitrobenzene	7.32	77	2623	0.199	ng	#	31
25) Isophorone	7.32	82	781095	33.801	ng	#	63
31) Naphthalene	8.06	128	351	0.010	ng	#	68
38) 1-Methylnaphthalene	9.12	142	622	0.027	ng	#	54
46) 1,1'-Biphenyl	9.22	154	4197	0.148	ng		98
47) 2-Chloronaphthalene	9.50	162	130	0.006	ng	#	1
48) 2-Nitroaniline	9.23	65	1401	0.220	ng	#	6
49) Acenaphthylene	9.65	152	2811	0.085	ng	#	60
50) Dimethylphthalate	9.51	163	131918	4.928	ng		99
51) 2,6-Dinitrotoluene	9.50	165	1482	0.249	ng	#	11
52) Acenaphthene	9.79	154	1261	0.064	ng	#	4
57) 2,4-Dinitrotoluene	9.79	165	44276	5.743	ng	#	28
58) Fluorene	10.57	166	13073	0.568	ng	#	85
60) Diethylphthalate	10.20	149	475	0.019	ng	#	58
63) Azobenzene	10.50	77	110	0.005	ng	#	50
65) 4,6-Dinitro-2-methylphenol	10.57	198	692	0.211	ng	#	1
66) n-Nitrosodiphenylamine	10.57	169	9357	0.528	ng	#	41
67) 4-Bromophenyl-phenylether	10.57	248	22265	3.147	ng	#	1
71) Phenanthrene	11.29	178	1361	0.046	ng	#	55
72) Anthracene	11.35	178	480	0.016	ng	#	60
73) Carbazole	11.50	167	181	0.007	ng	#	58
74) Di-n-butylphthalate	11.83	149	2087	0.066	ng	#	76

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118979.D
Acq On : 21 Feb 2020 1:03
Operator : CG/JU
Sample : L1600-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 21 02:15:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
75) Fluoranthene	12.48	202	2704	0.086	ng		68
77) Benzidine	12.85	184	16216	1.001	ng		97
78) Pyrene	12.71	202	3708	0.116	ng	#	82
80) Butylbenzylphthalate	13.33	149	1013	0.075	ng	#	57
81) Benzo(a)anthracene	13.90	228	3505	0.129	ng	#	49
82) 3,3'-Dichlorobenzidine	13.86	252	193	0.018	ng	#	62
83) Chrysene	13.96	228	229	0.008	ng	#	1
84) Bis(2-ethylhexyl)phthalate	13.89	149	1509	0.089	ng	#	51
85) Di-n-octyl phthalate	14.51	149	1564	0.058	ng	#	1
86) Indeno(1,2,3-cd)pyrene	16.74	276	2754	0.105	ng		93
88) Benzo(b)fluoranthene	14.93	252	5656	0.196	ng	#	4
89) Benzo(k)fluoranthene	14.93	252	5656	0.212	ng	#	3
90) Benzo(a)pyrene	15.27	252	2654	0.102	ng	#	1
91) Dibenzo(a,h)anthracene	16.74	278	917	0.040	ng	#	1
92) Benzo(g,h,i)perylene	17.16	276	3048	0.135	ng	#	64

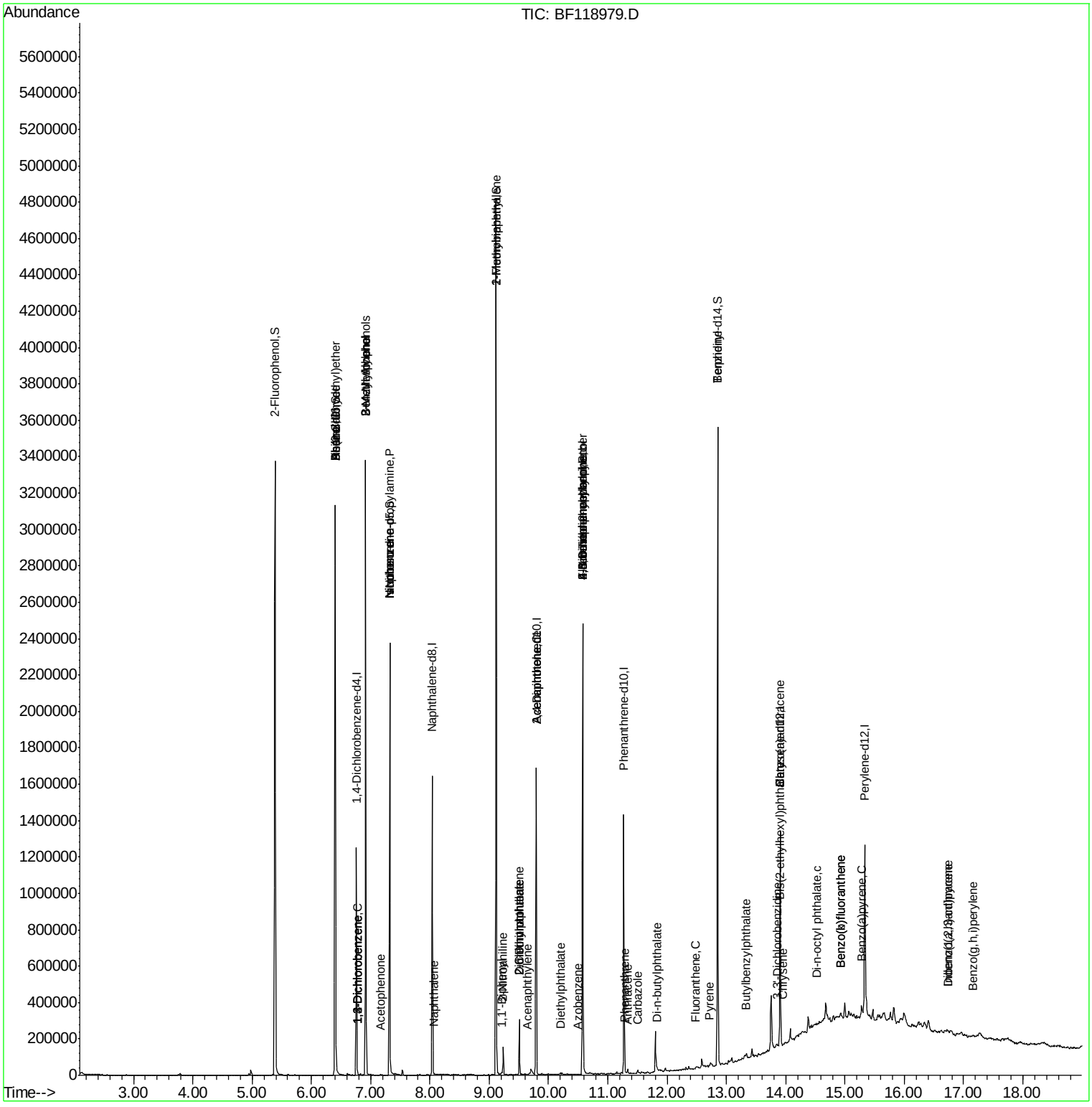
(#) = qualifier out of range (m) = manual integration (+) = signals summed

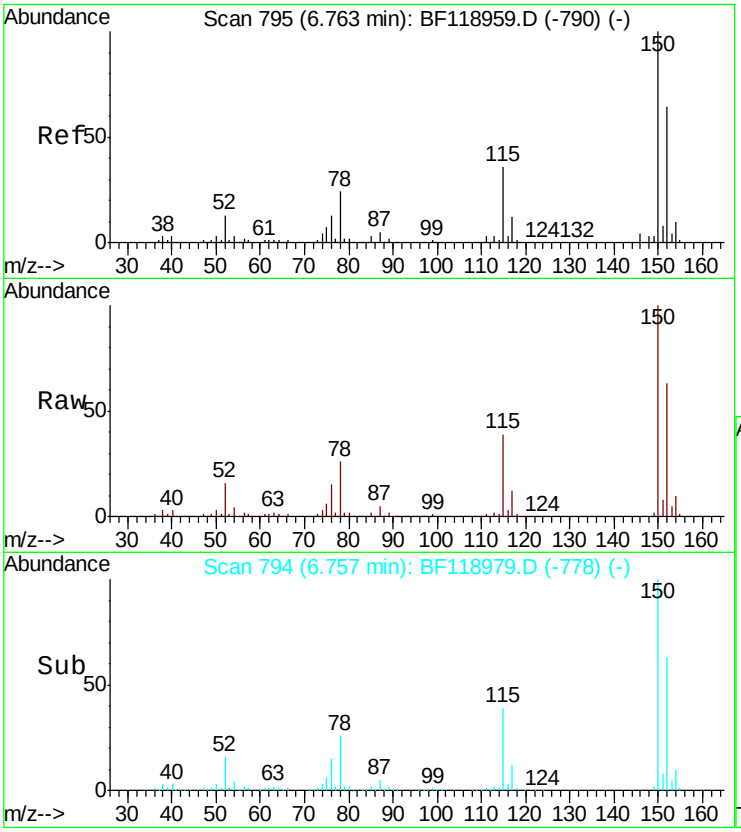
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118979.D
Acq On : 21 Feb 2020 1:03
Operator : CG/JU
Sample : L1600-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 21 02:15:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration



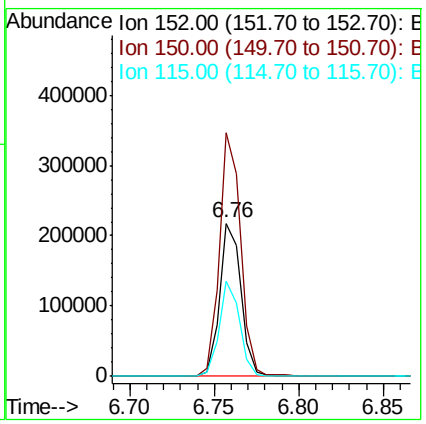


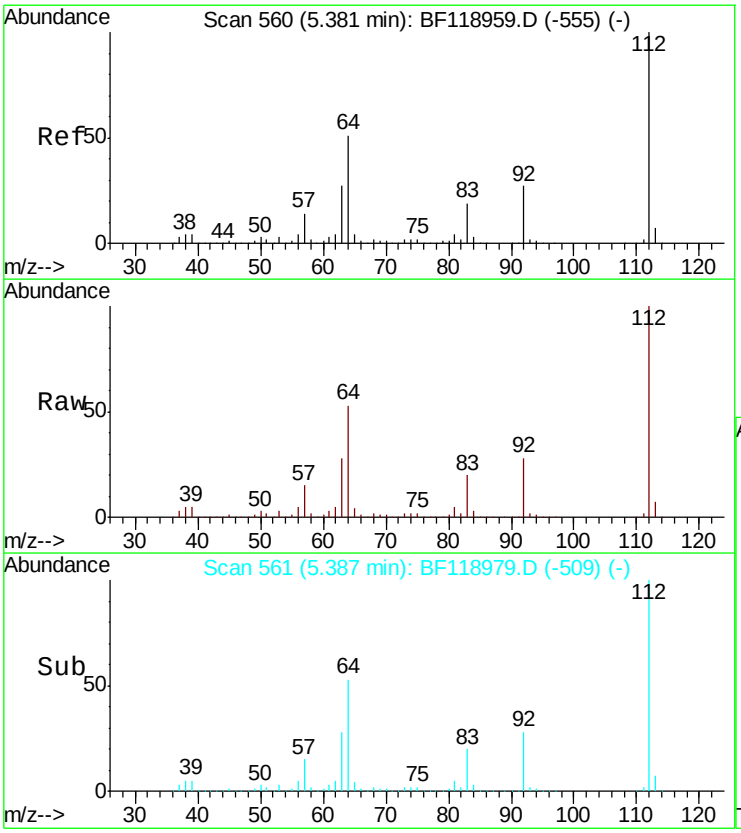
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 192289

Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.3	186.5
115	62.2	44.6	67.0

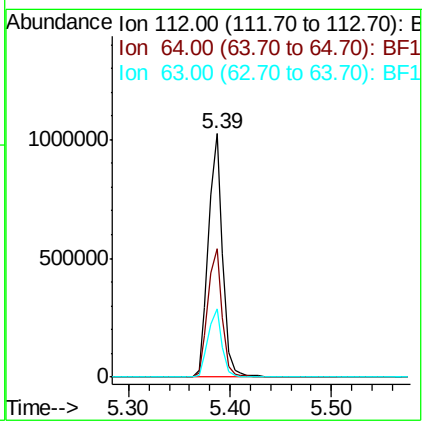


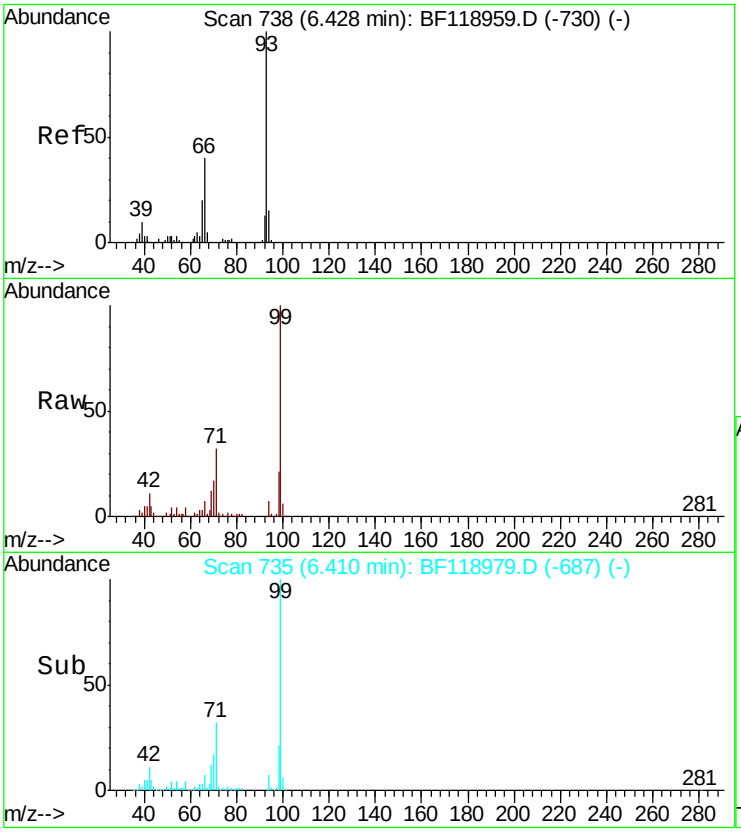


#5
2-Fluorophenol
Concen: 86.737 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Tgt Ion:112 Resp: 998015

Ion	Ratio	Lower	Upper
112	100		
64	53.0	40.4	60.6
63	28.3	21.3	31.9



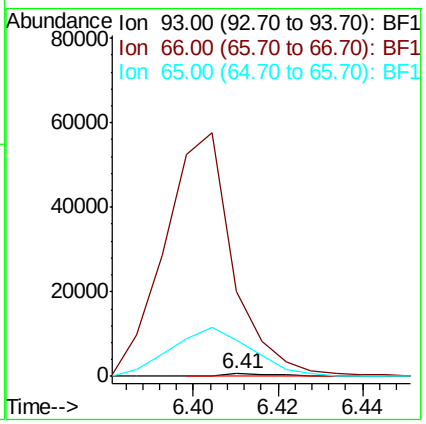


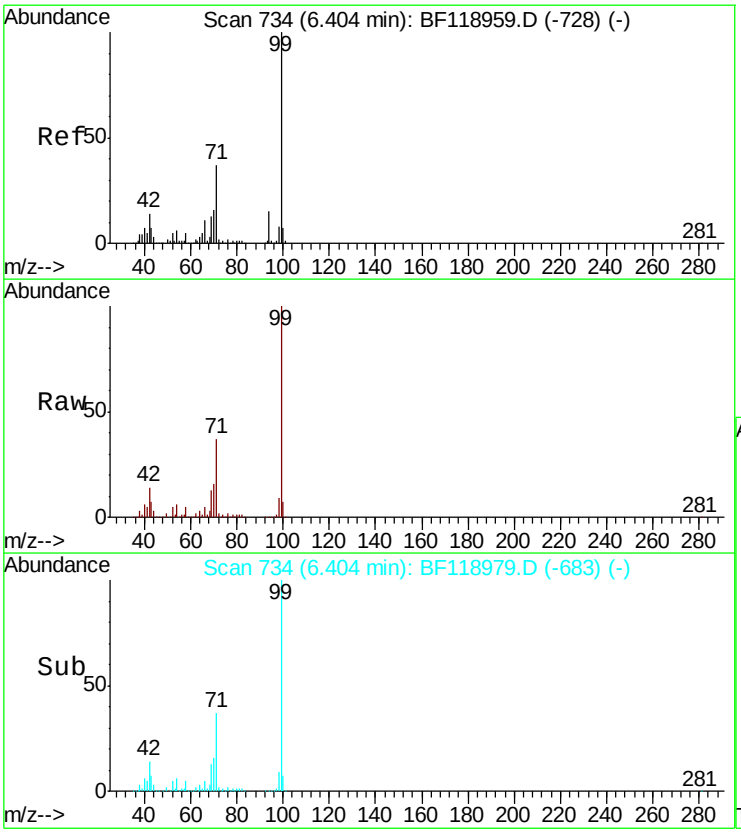
#6
Aniline
Concen: 0.029 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 499

Ion	Ratio	Lower	Upper
93	100		
66	3290.6	32.2	48.2#
65	1402.3	16.1	24.1#

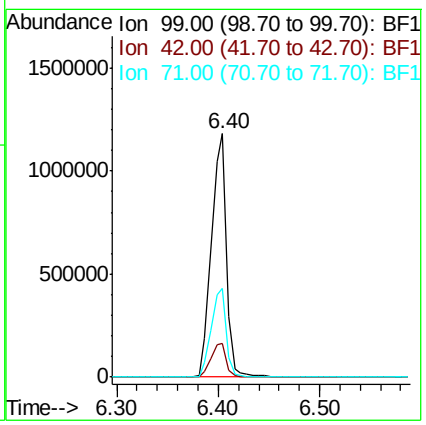


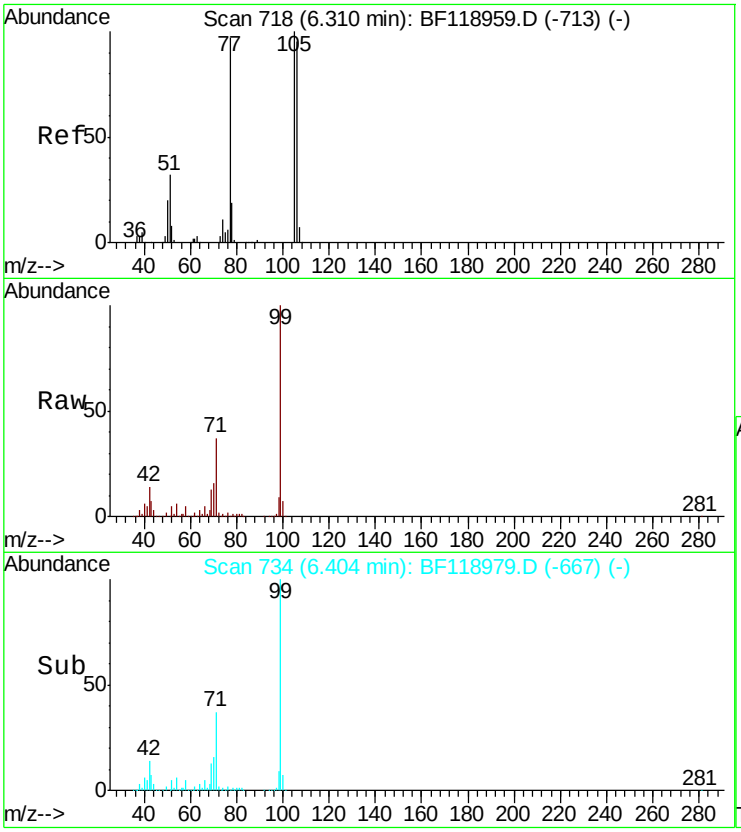


#7
Phenol-d6
Concen: 87.010 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Tgt Ion: 99 Resp: 1217594

Ion	Ratio	Lower	Upper
99	100		
42	14.0	11.4	17.0
71	36.5	29.8	44.6



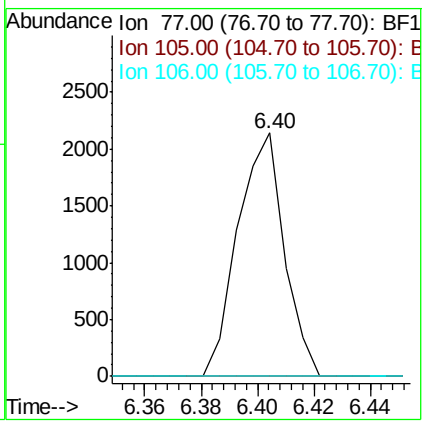


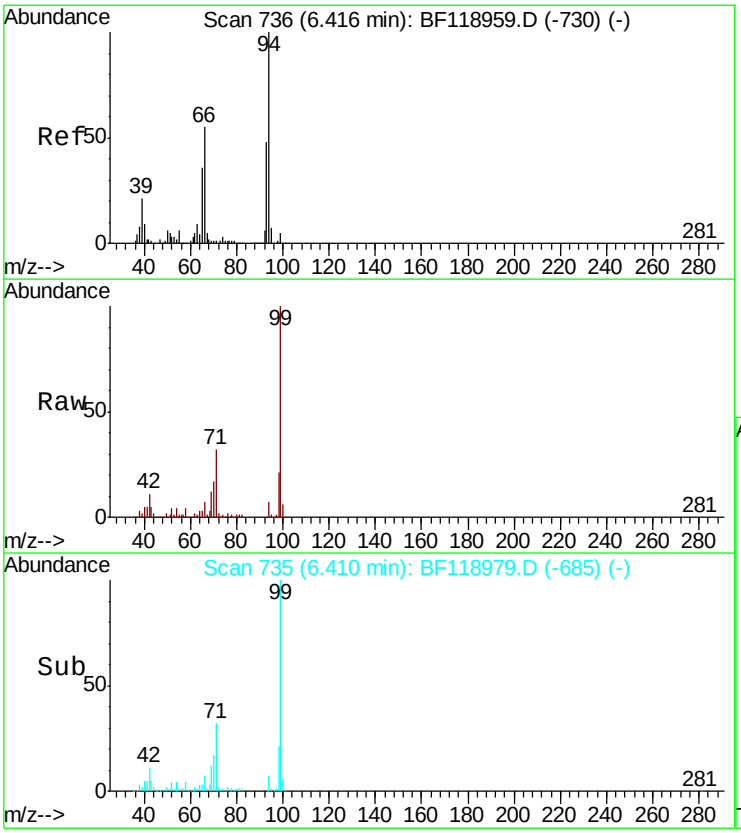
#9
Benzaldehyde
Concen: 0.260 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.09 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 2435

Ion	Ratio	Lower	Upper
77	100		
105	0.0	83.0	123.0#
106	0.0	78.3	118.3#

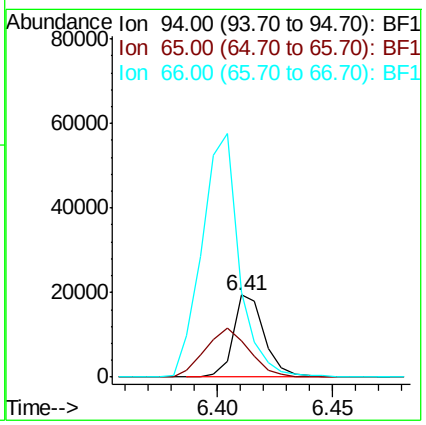


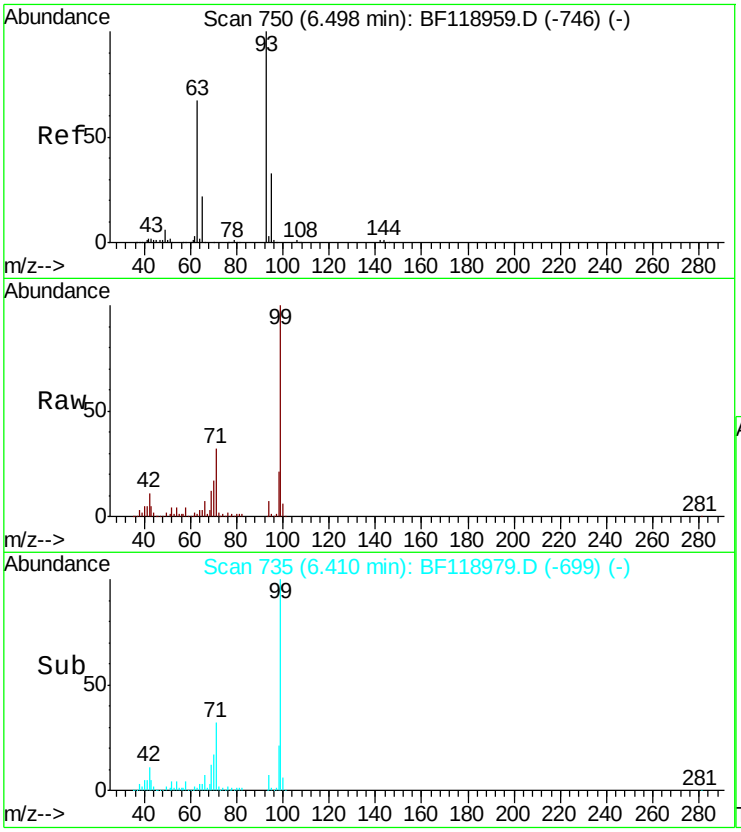


#10
Phenol
Concen: 1.207 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Tgt Ion: 94 Resp: 18260

Ion	Ratio	Lower	Upper
94	100		
65	44.1	15.5	55.5
66	103.5	35.6	75.6#



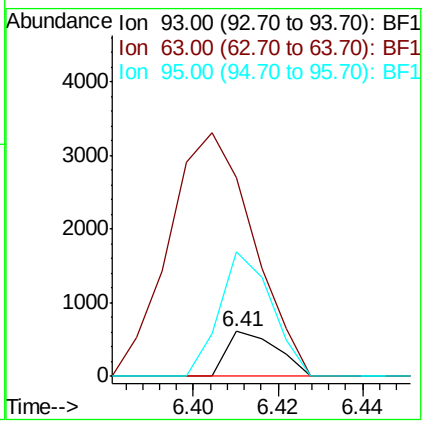


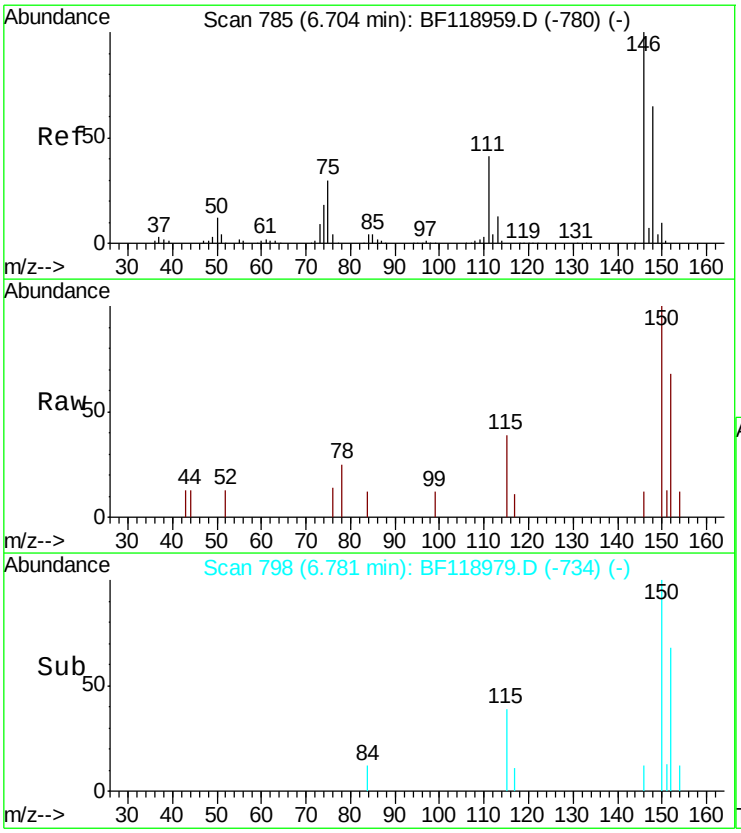
#11
bis(2-Chloroethyl)ether
Concen: 0.043 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.09 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 499

Ion	Ratio	Lower	Upper
93	100		
63	443.3	46.8	86.8#
95	278.7	12.7	52.7#

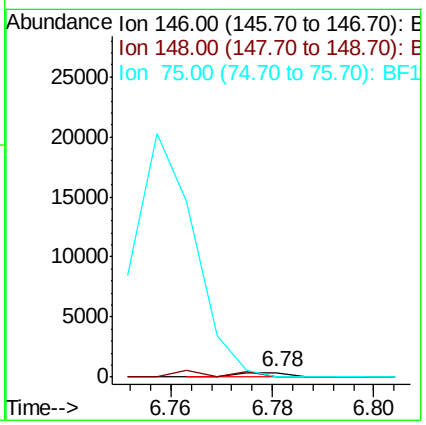


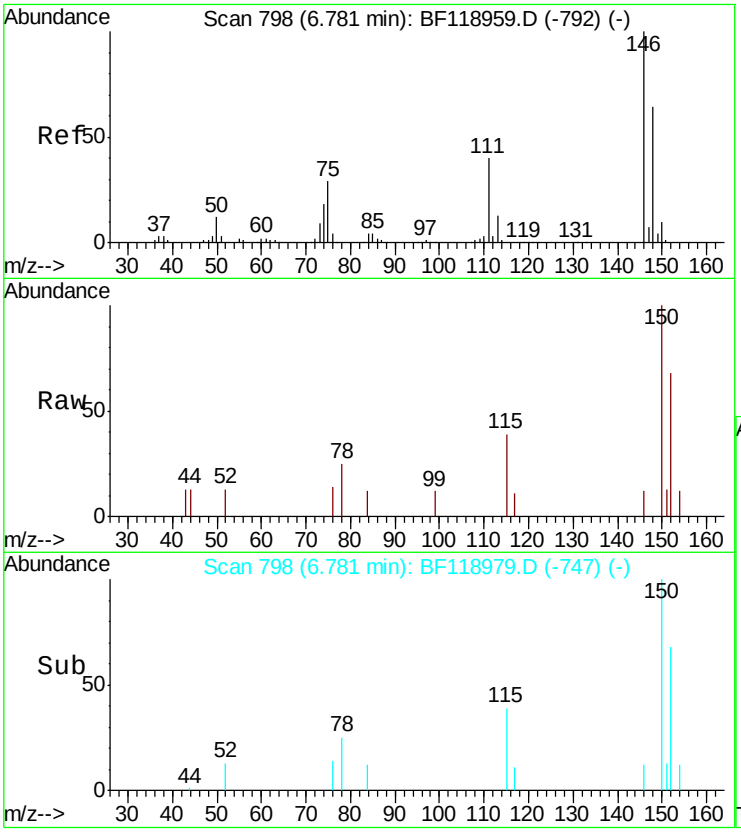


#12
1,3-Dichlorobenzene
Concen: 0.016 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.08 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Tgt Ion:146 Resp: 243

Ion	Ratio	Lower	Upper
146	100		
148	0.0	51.7	77.5#
75	0.0	23.6	35.4#



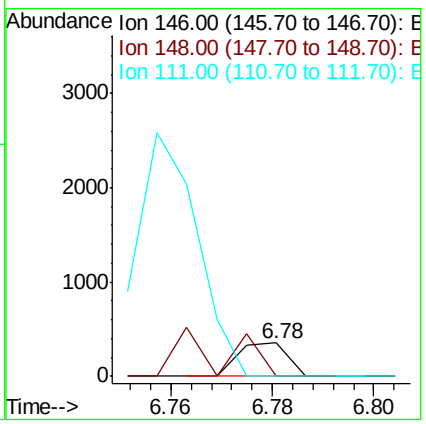


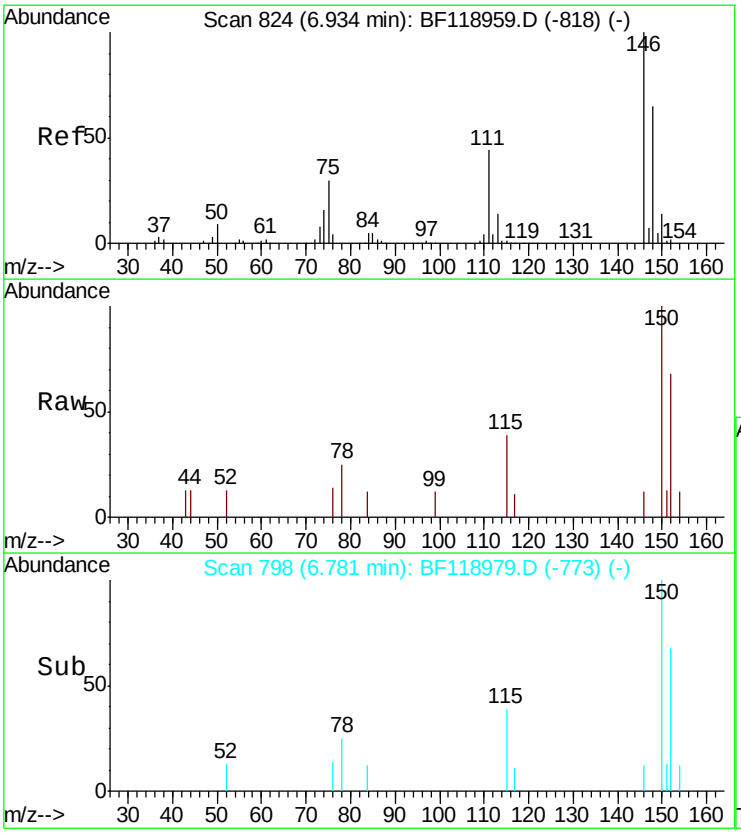
#13
1,4-Dichlorobenzene
Concen: 0.016 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 243

Ion	Ratio	Lower	Upper
146	100		
148	0.0	51.4	77.2#
111	0.0	31.9	47.9#

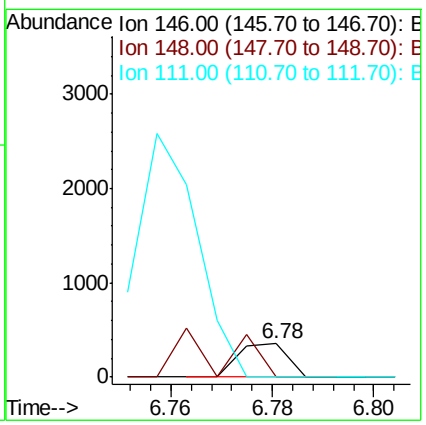


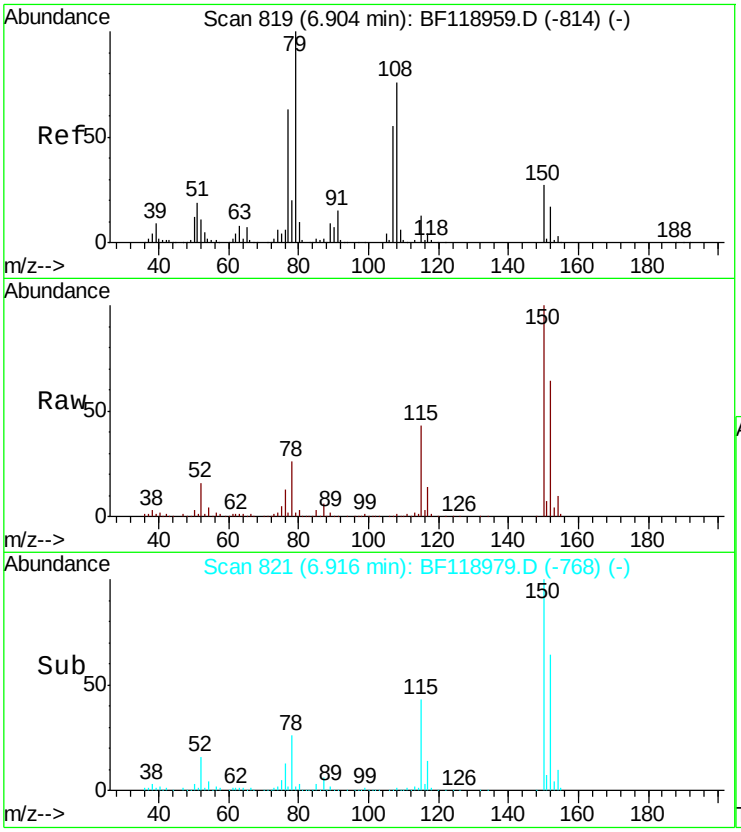


#14
1,2-Dichlorobenzene
Concen: 0.018 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.15 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Tgt Ion:146 Resp: 243

Ion	Ratio	Lower	Upper
146	100		
148	0.0	52.1	78.1#
111	0.0	35.5	53.3#



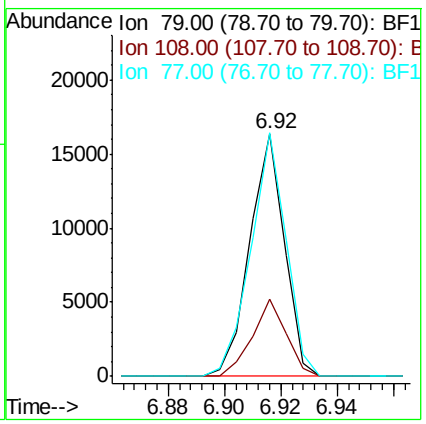


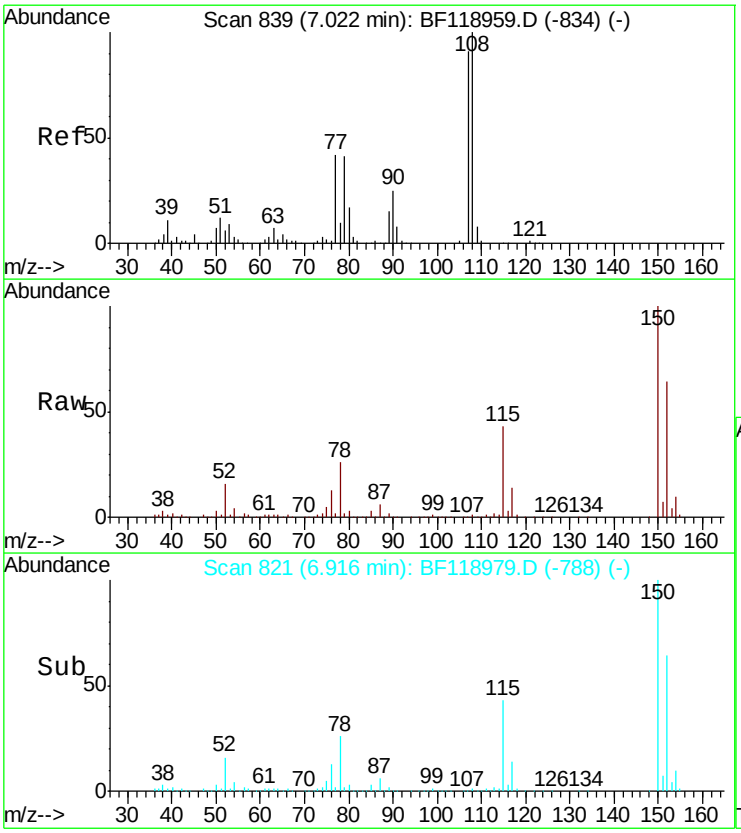
#15
Benzyl Alcohol
Concen: 1.378 ng
RT: 6.92 min Scan# 821
Delta R.T. 0.01 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 13936

Ion	Ratio	Lower	Upper
79	100		
108	31.7	61.1	91.7#
77	100.4	50.2	75.2#

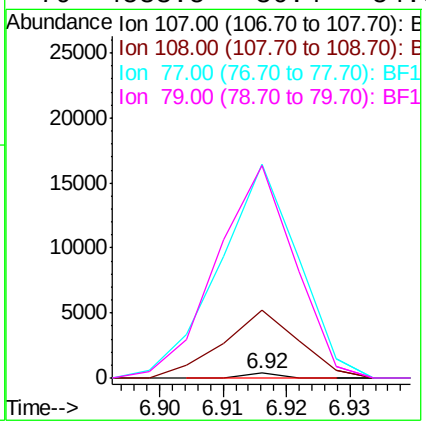


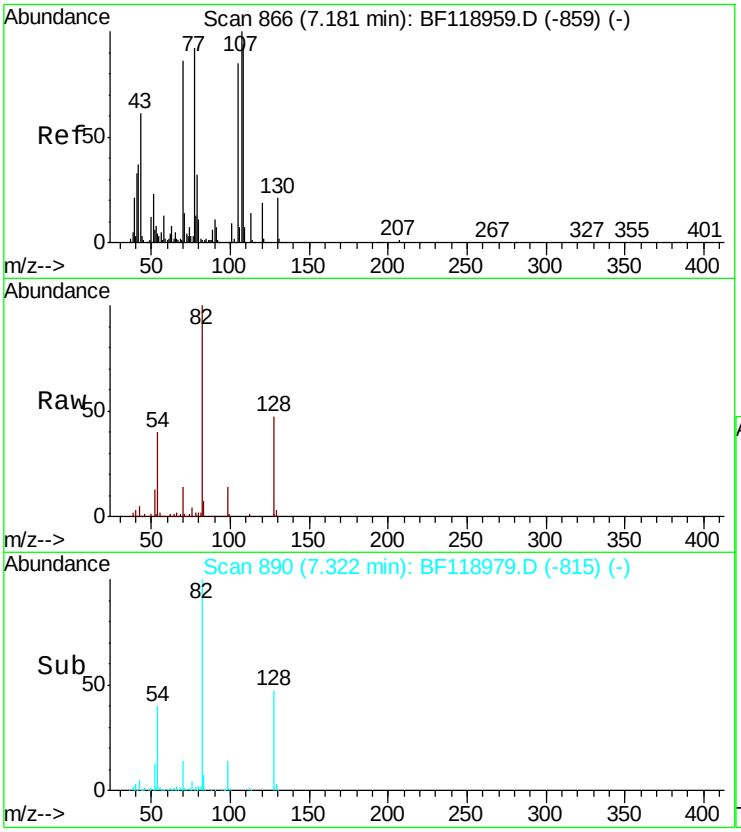


#17
2-Methylphenol
Concen: 0.013 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.11 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Tgt Ion:107 Resp: 127

Ion	Ratio	Lower	Upper
107	100		
108	1439.1	87.7	131.5#
77	4551.8	36.8	55.2#
79	4533.5	36.4	54.6#



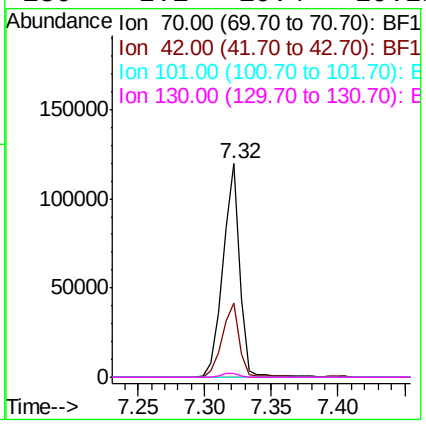


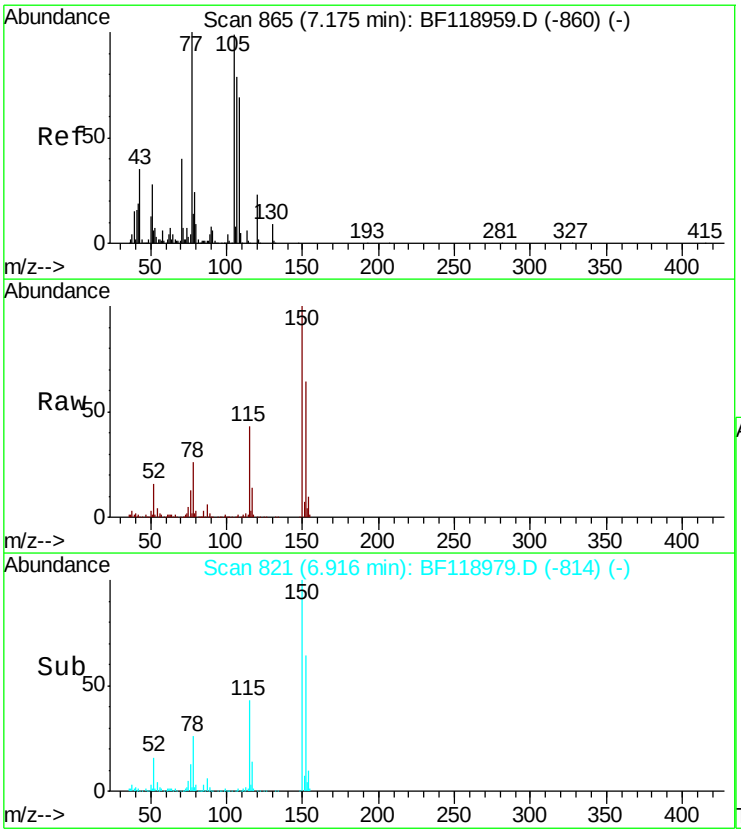
#19
n-Nitroso-di-n-propylamine
Concen: 13.129 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.14 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 107056

Ion	Ratio	Lower	Upper
70	100		
42	35.0	34.6	51.8
101	0.0	8.1	12.1#
130	2.1	19.4	29.2#

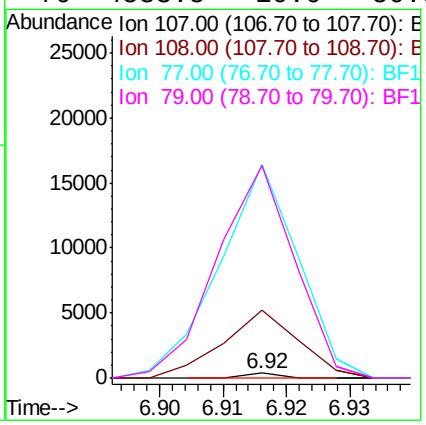


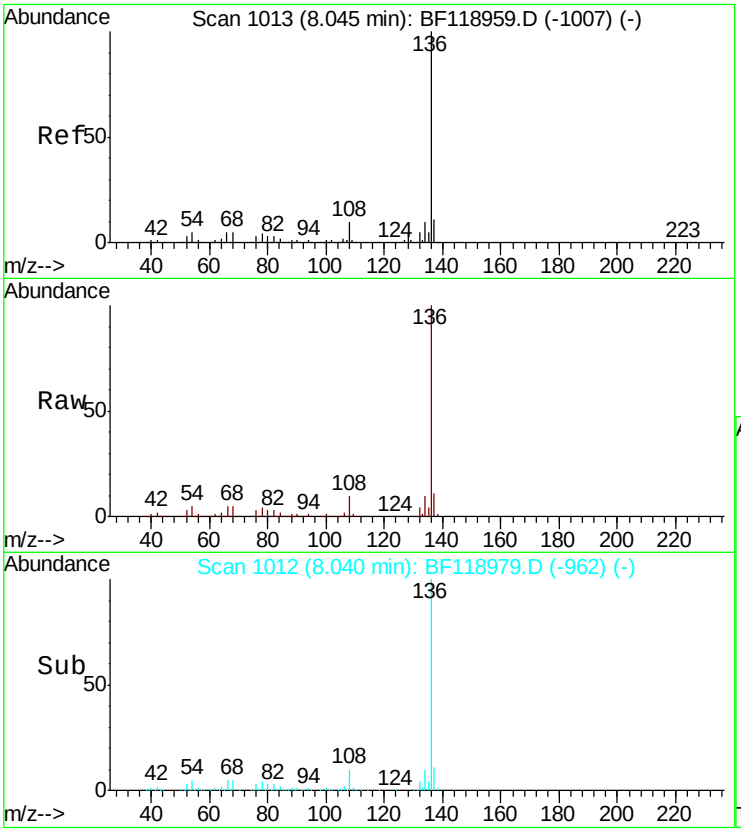


#20
3+4-Methylphenols
Concen: 0.010 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.26 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Tgt Ion:107 Resp: 127

Ion	Ratio	Lower	Upper
107	100		
108	1439.1	67.0	107.0#
77	4551.8	106.2	146.2#
79	4533.5	10.0	50.0#



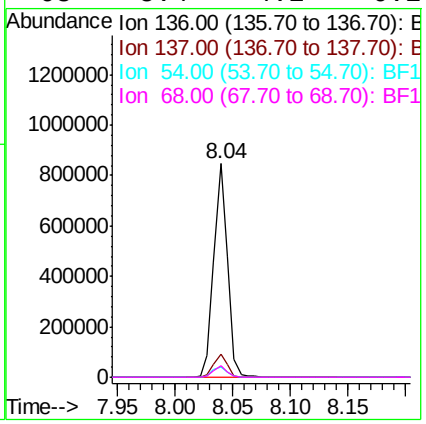


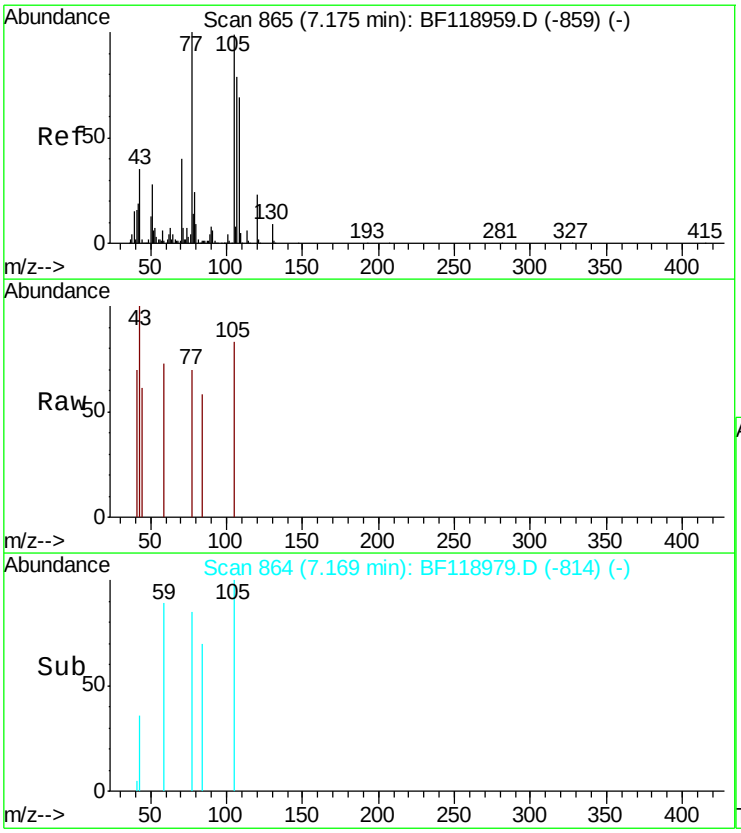
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 702552

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	5.0	3.8	5.6
68	5.4	4.2	6.2

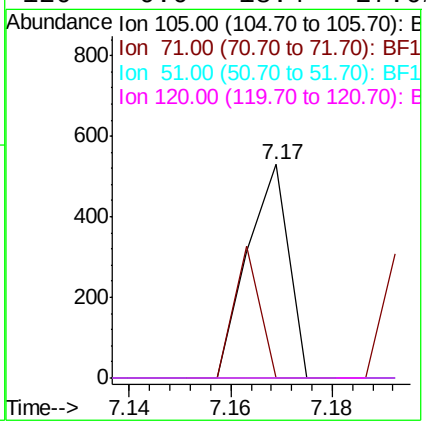


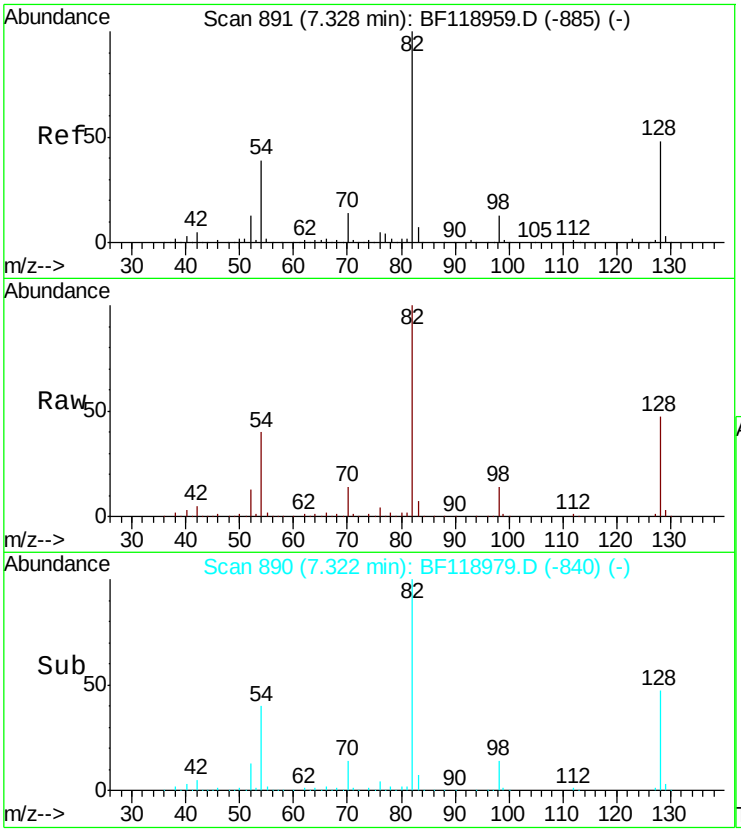


#22
Acetophenone
Concen: 0.018 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Tgt Ion:105 Resp: 298

Ion	Ratio	Lower	Upper
105	100		
71	0.0	5.4	8.0#
51	0.0	22.5	33.7#
120	0.0	18.4	27.6#



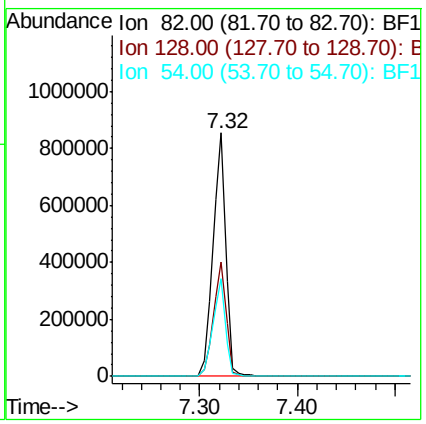


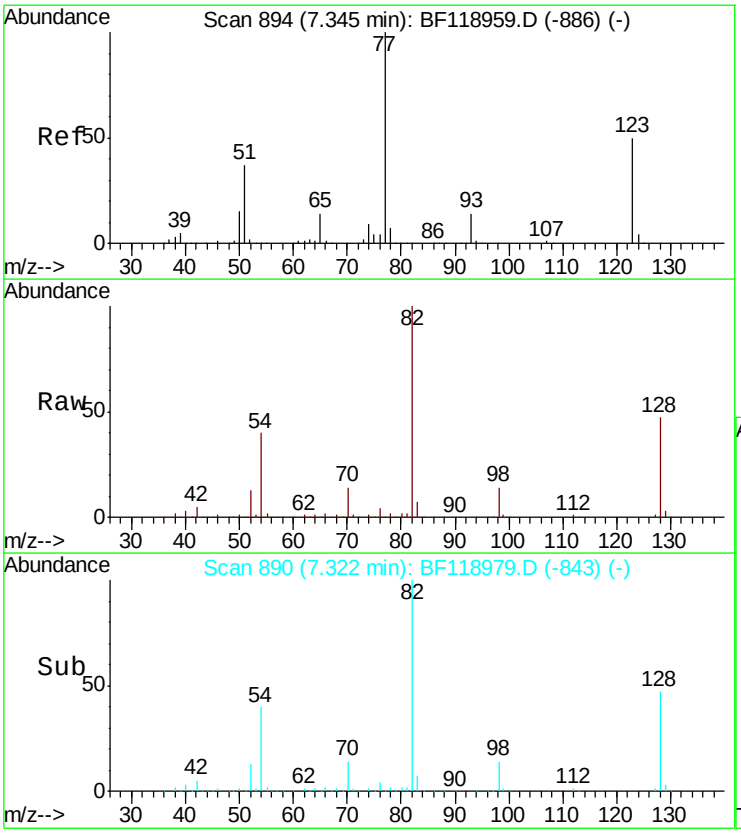
#23
Nitrobenzene-d5
Concen: 58.703 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 781102

Ion	Ratio	Lower	Upper
82	100		
128	46.7	38.2	57.2
54	39.9	31.3	46.9

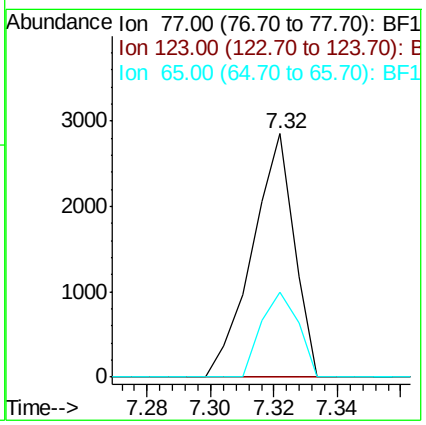


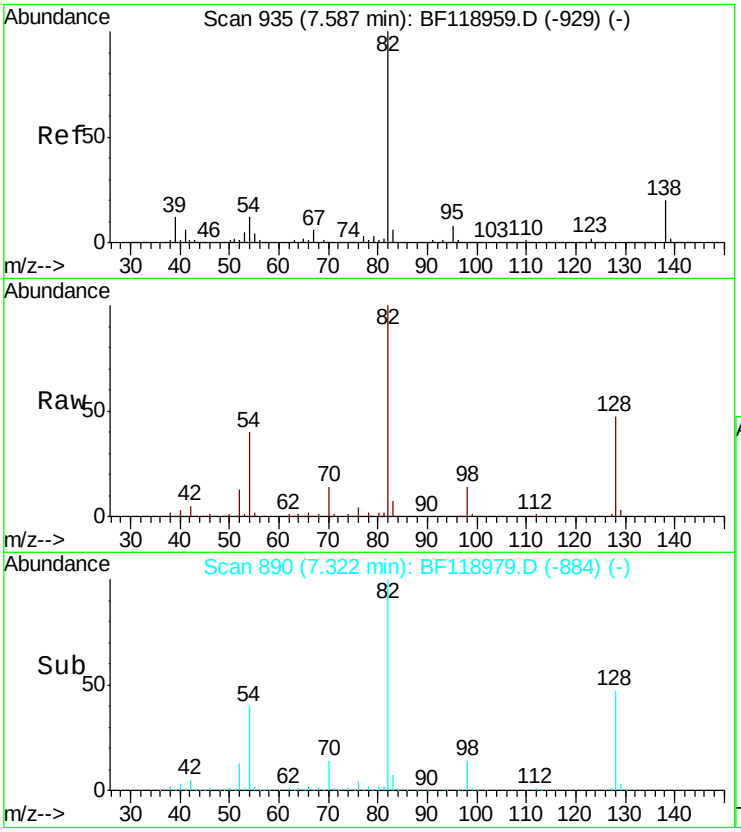


#24
Nitrobenzene
Concen: 0.199 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Tgt Ion: 77 Resp: 2623

Ion	Ratio	Lower	Upper
77	100		
123	0.0	40.1	60.1#
65	35.1	10.9	16.3#



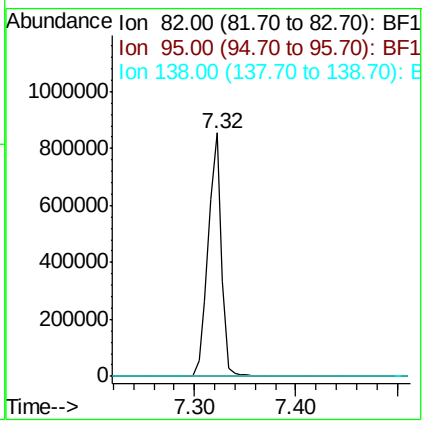


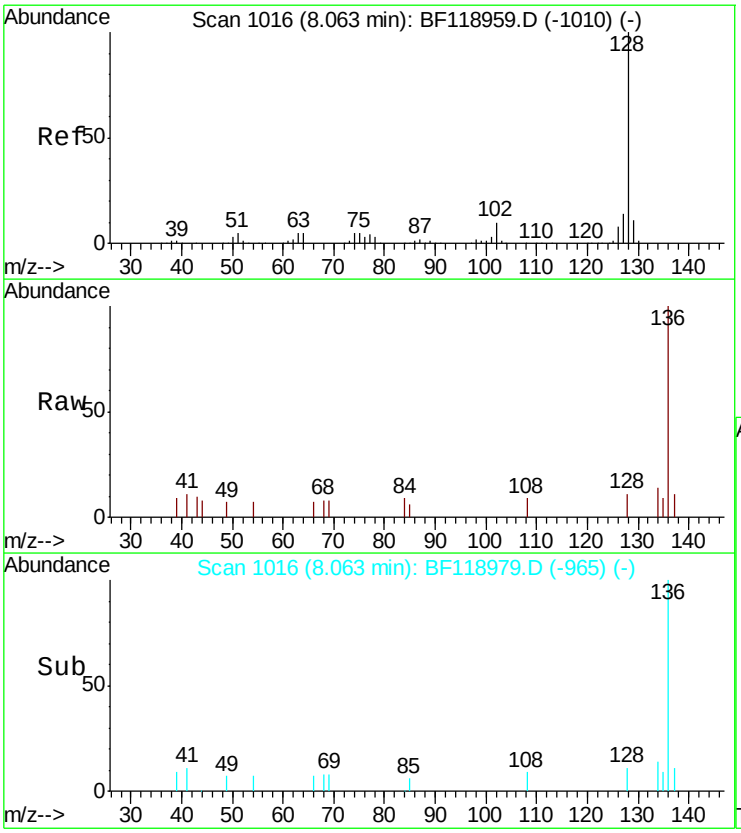
#25
Isophorone
Concen: 33.801 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.26 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 781095

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.1	9.1#
138	0.0	15.8	23.6#

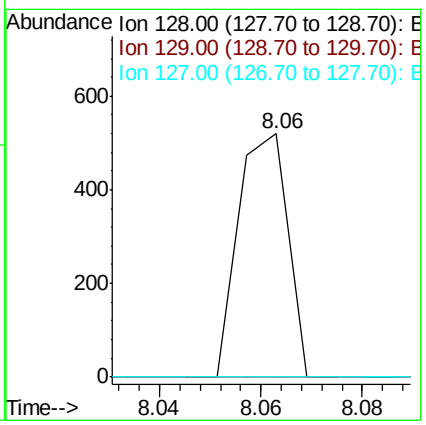


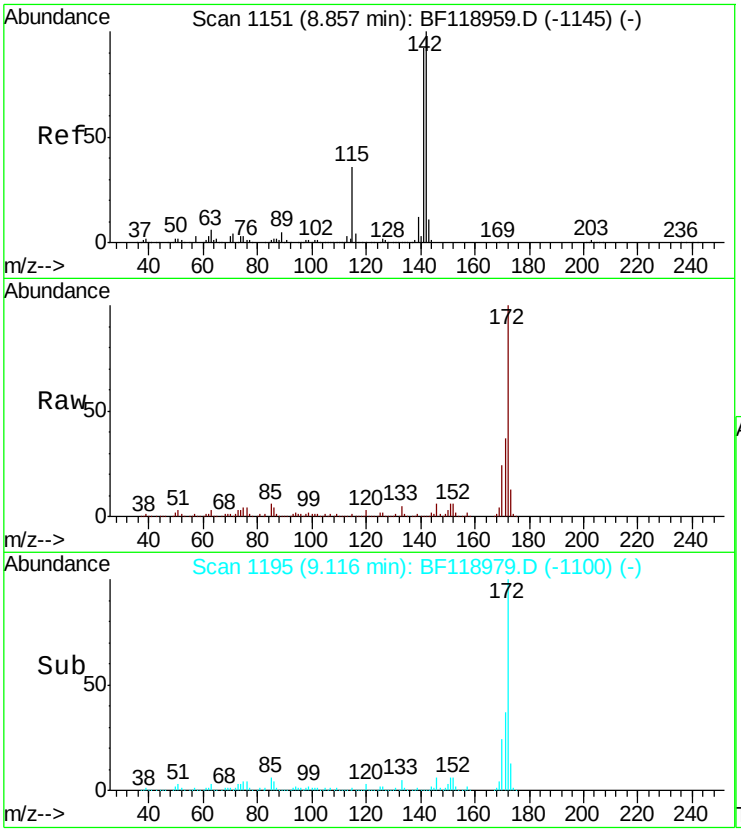


#31
Naphthalene
Concen: 0.010 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Tgt Ion:128 Resp: 351

Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.0	13.4#
127	0.0	10.9	16.3#

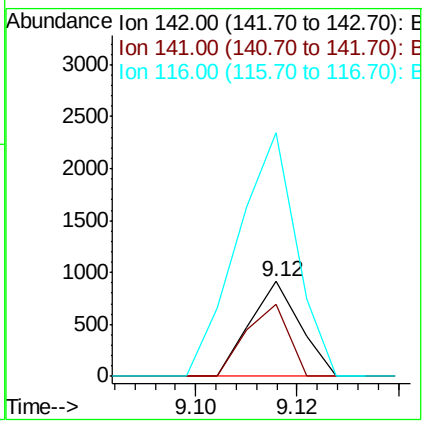




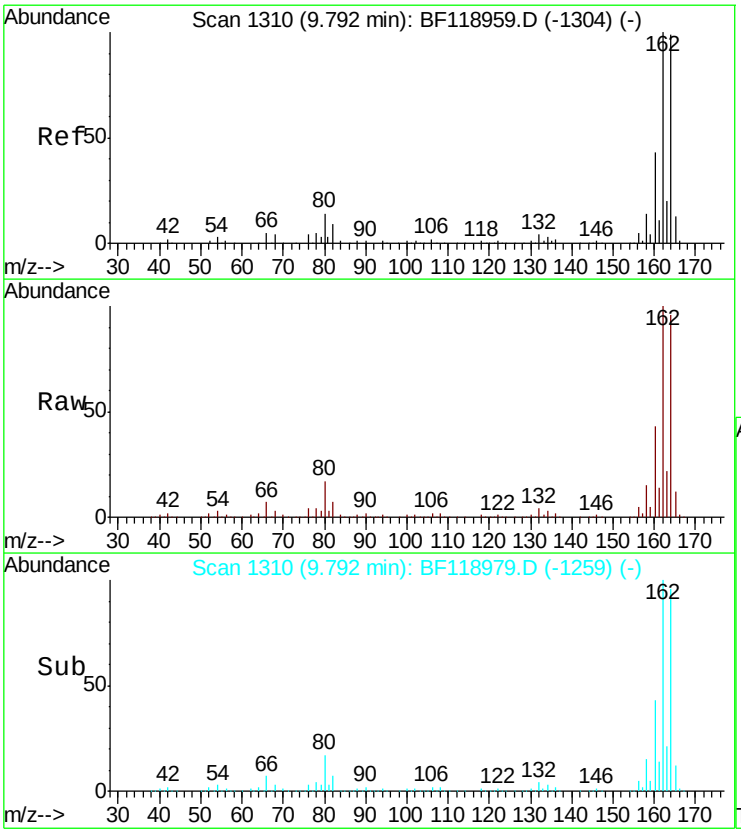
#38
1-Methylnaphthalene
Concen: 0.027 ng
RT: 9.12 min Scan# 1195
Delta R.T. 0.26 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Tgt Ion:142 Resp: 622

Ion	Ratio	Lower	Upper
142	100		
141	76.7	73.7	110.5
116	257.3	3.0	4.6#



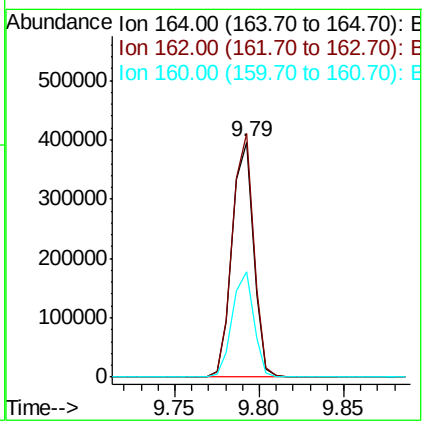
Instrument :
BNA_F
ClientSampleId :

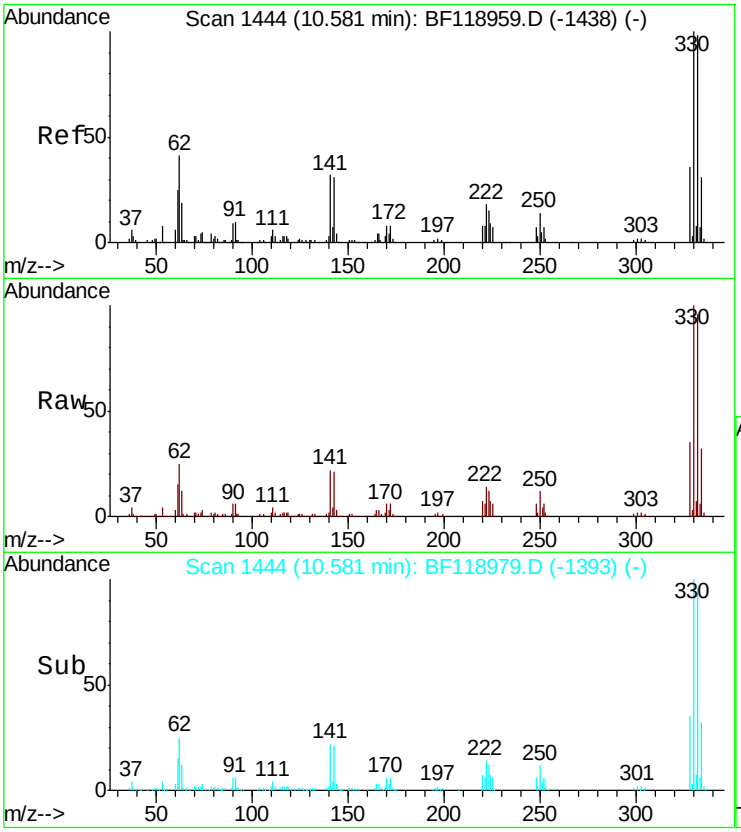


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Tgt Ion:164 Resp: 350096

Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.2	121.8
160	44.7	35.2	52.8



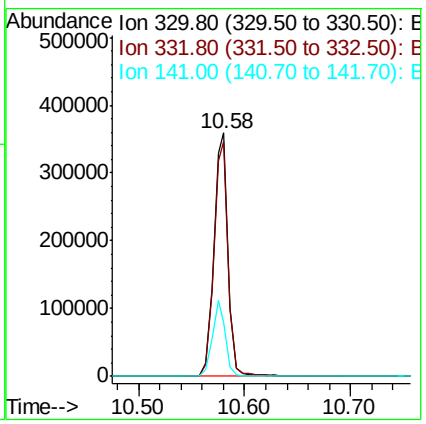


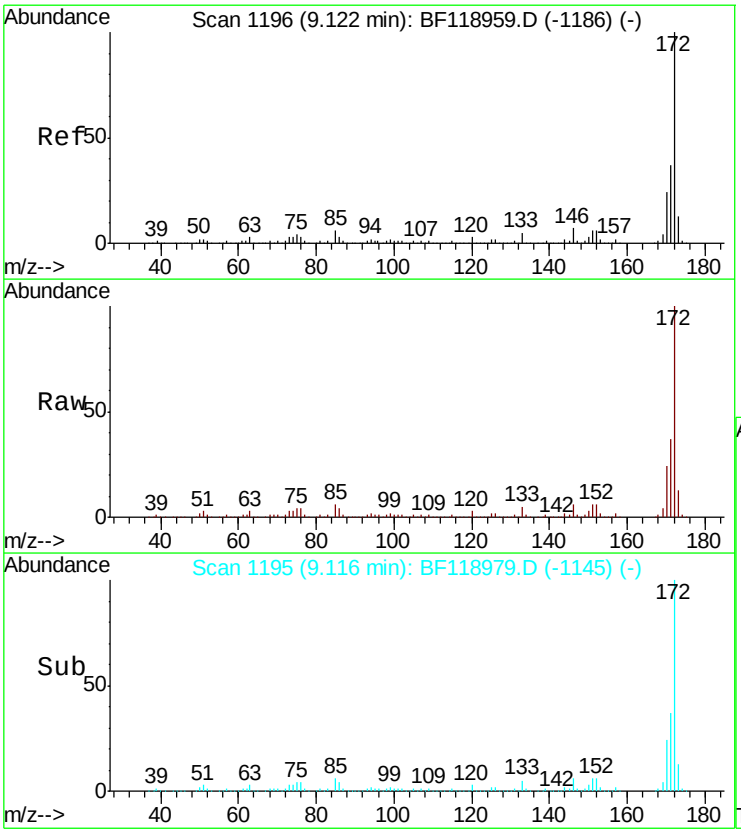
#42
2,4,6-Tribromophenol
Concen: 75.150 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 344176

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	28.9	23.0	34.6

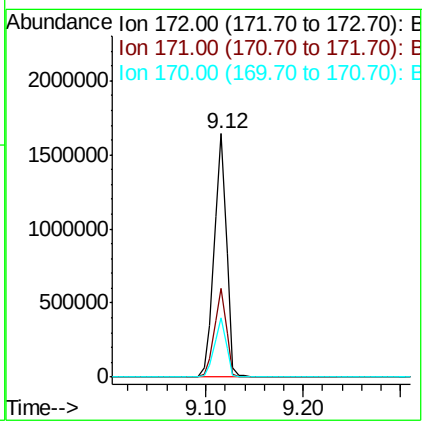


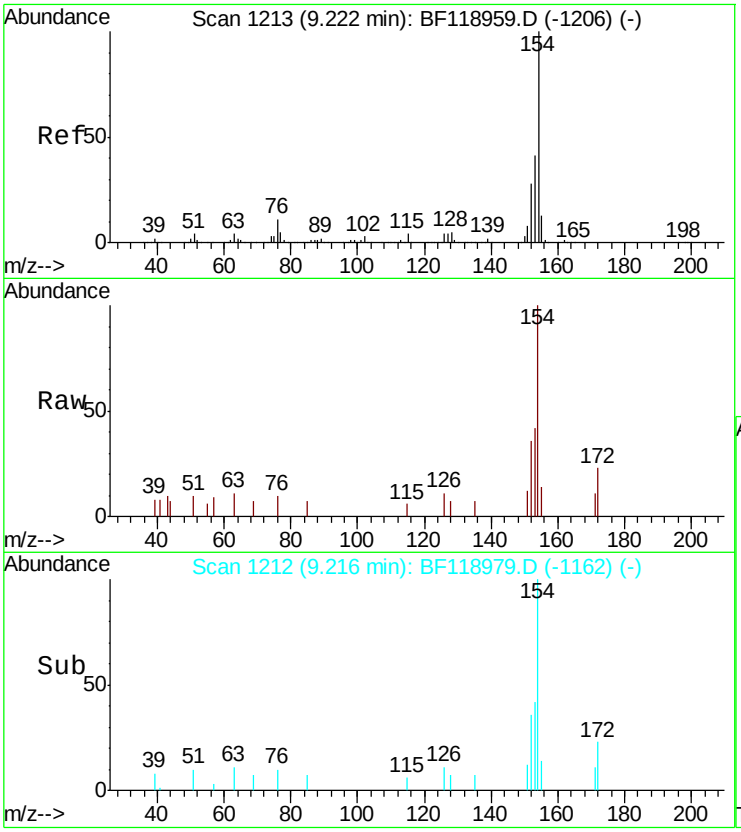


#45
2-Fluorobiphenyl
Concen: 60.941 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Tgt Ion:172 Resp: 1448246

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.2
170	24.3	19.6	29.4



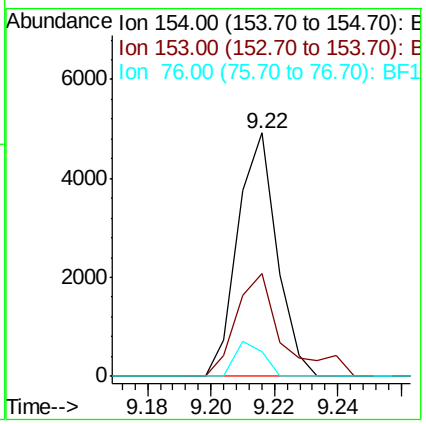


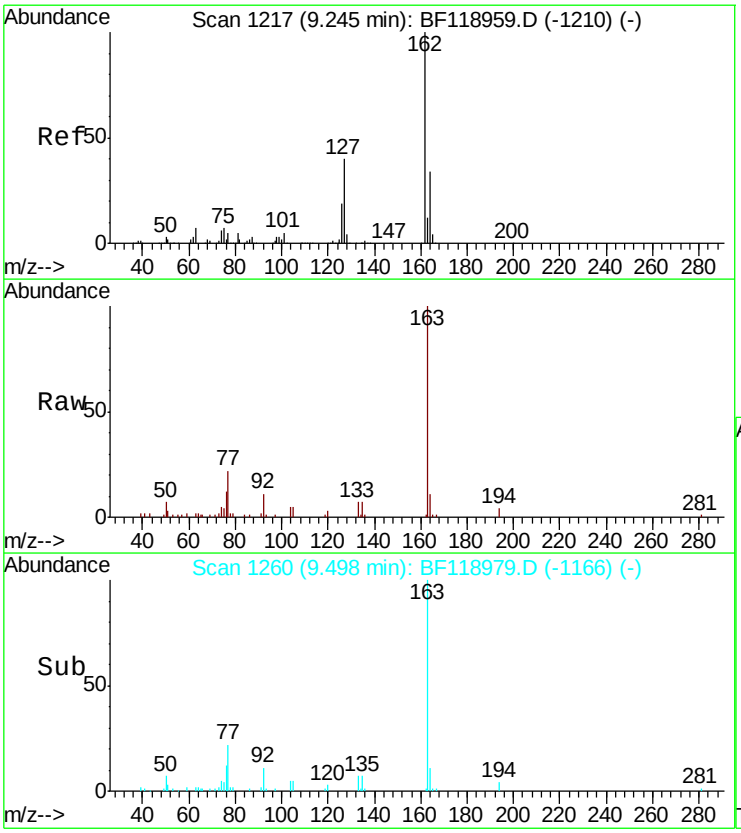
#46
1,1'-Biphenyl
Concen: 0.148 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 4197

Ion	Ratio	Lower	Upper
154	100		
153	42.3	21.2	61.2
76	10.0	0.0	31.1

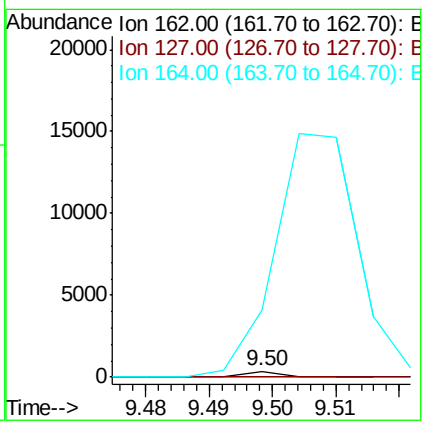


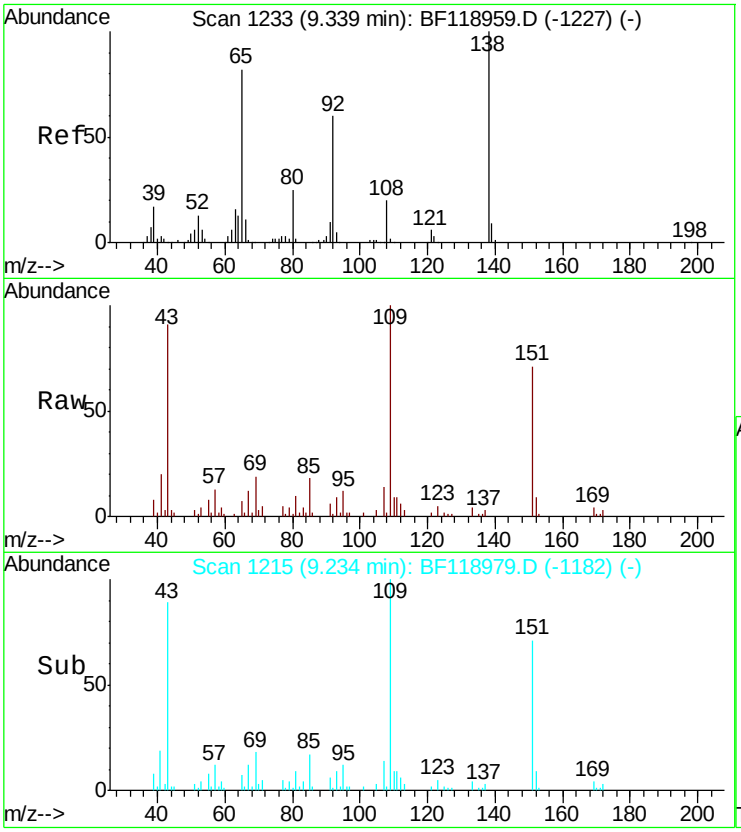


#47
2-Chloronaphthalene
Concen: 0.006 ng
RT: 9.50 min Scan# 1260
Delta R.T. 0.25 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Tgt Ion:162 Resp: 130

Ion	Ratio	Lower	Upper
162	100		
127	0.0	31.9	47.9#
164	1106.0	26.8	40.2#



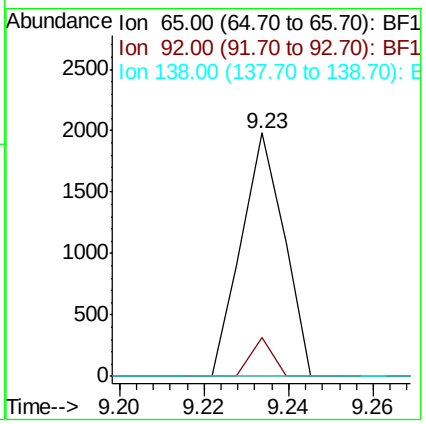


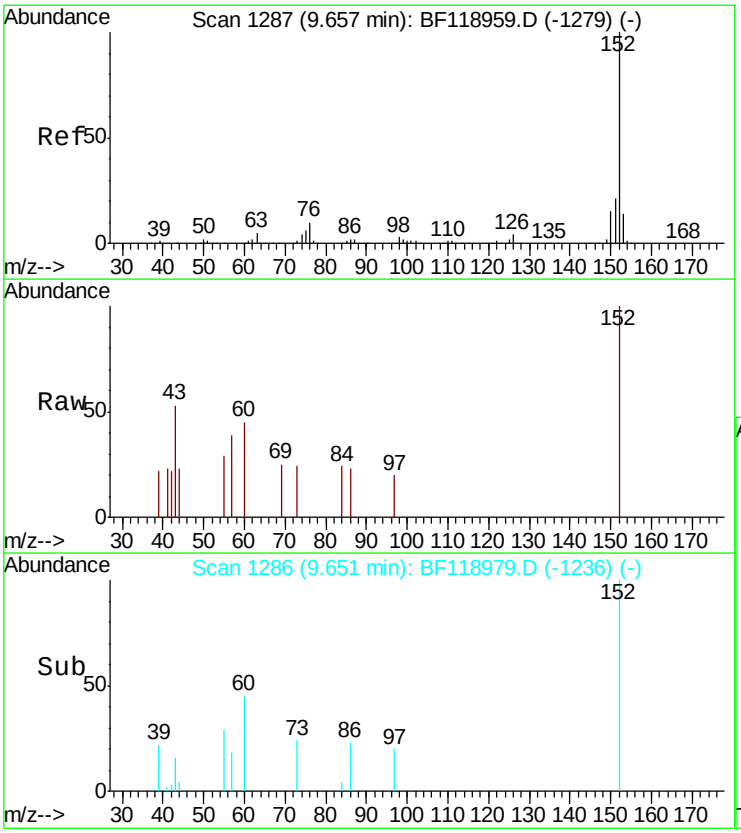
#48
2-Nitroaniline
Concen: 0.220 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.11 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 1401

Ion	Ratio	Lower	Upper
65	100		
92	15.8	58.6	87.8#
138	0.0	97.5	146.3#

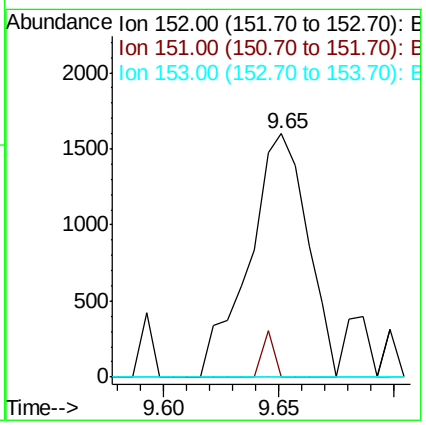


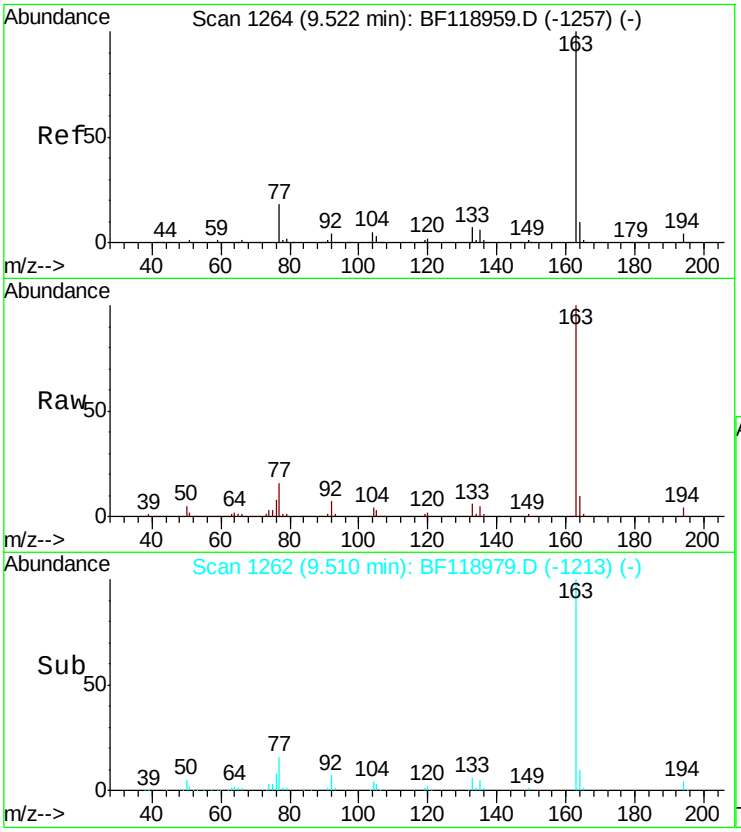


#49
Acenaphthylene
Concen: 0.085 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Tgt Ion:152 Resp: 2811

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.7	25.1#
153	0.0	10.9	16.3#



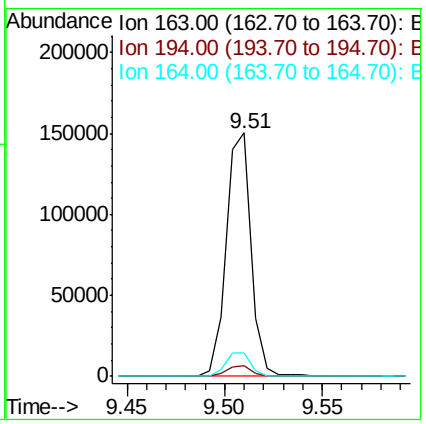


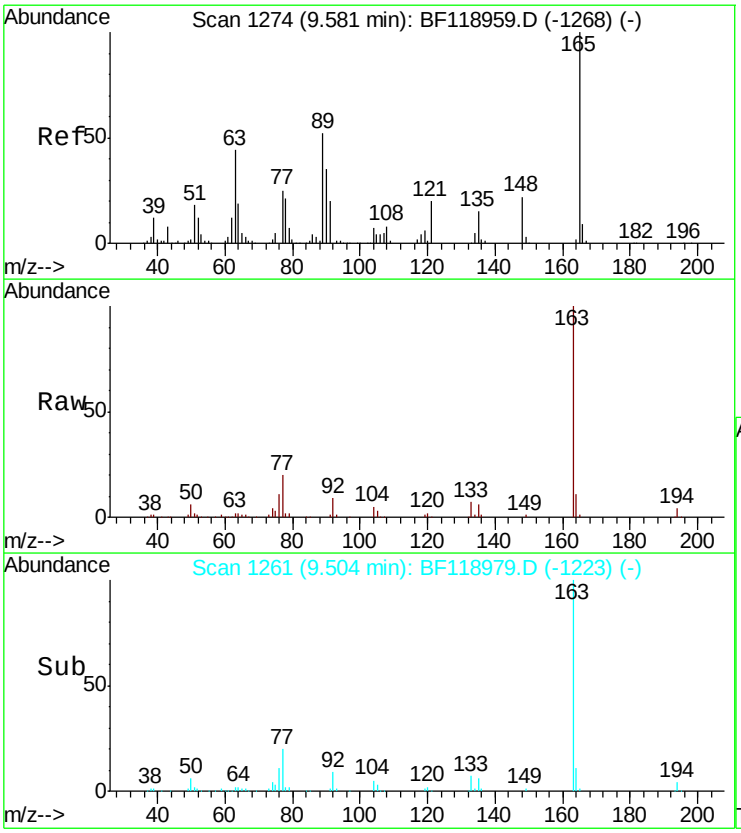
#50
Dimethylphthalate
Concen: 4.928 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 131918

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	9.7	8.2	12.2

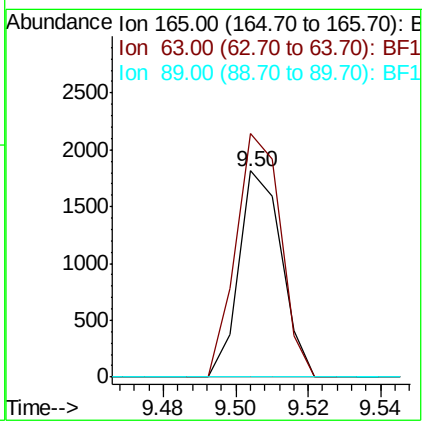


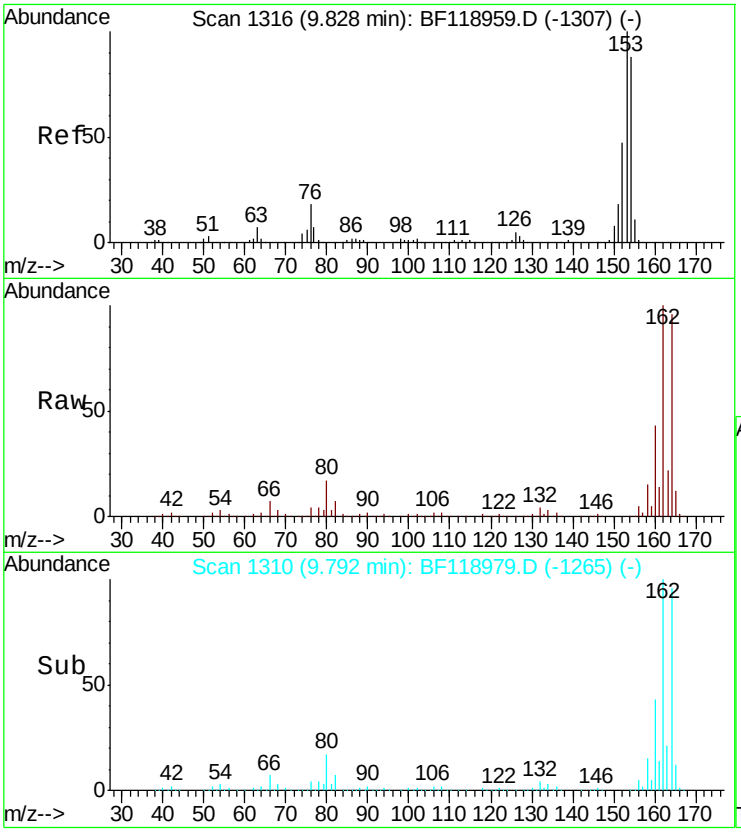


#51
2,6-Dinitrotoluene
Concen: 0.249 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.08 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Tgt Ion:165 Resp: 1482

Ion	Ratio	Lower	Upper
165	100		
63	118.1	37.9	56.9#
89	0.0	41.4	62.0#



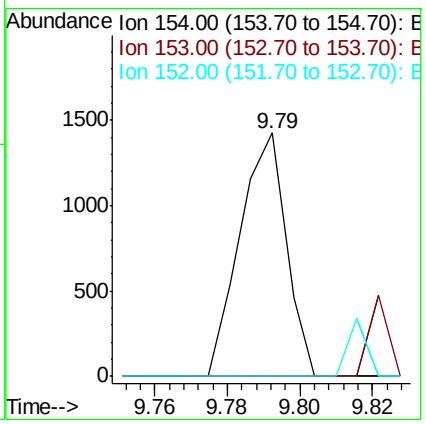


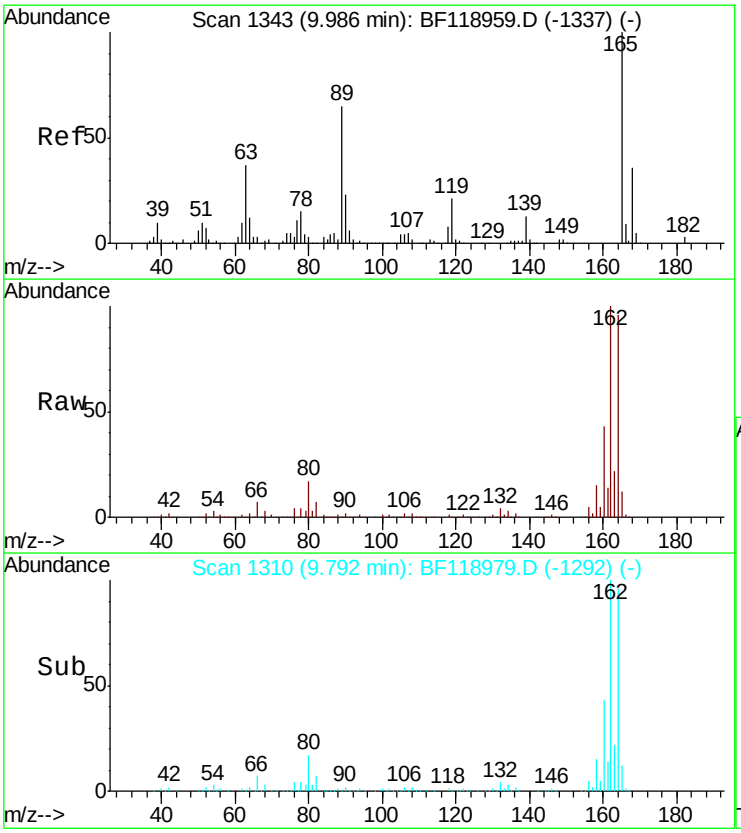
#52
Acenaphthene
Concen: 0.064 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.04 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 1261

Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.4	135.6#
152	0.0	42.9	64.3#

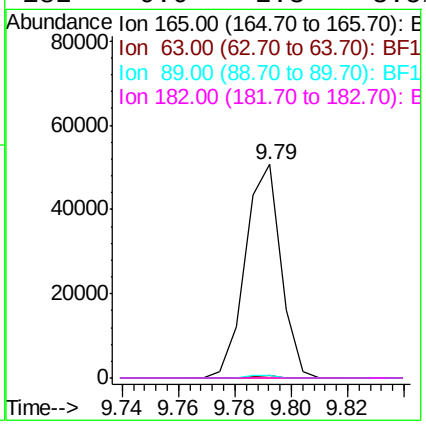


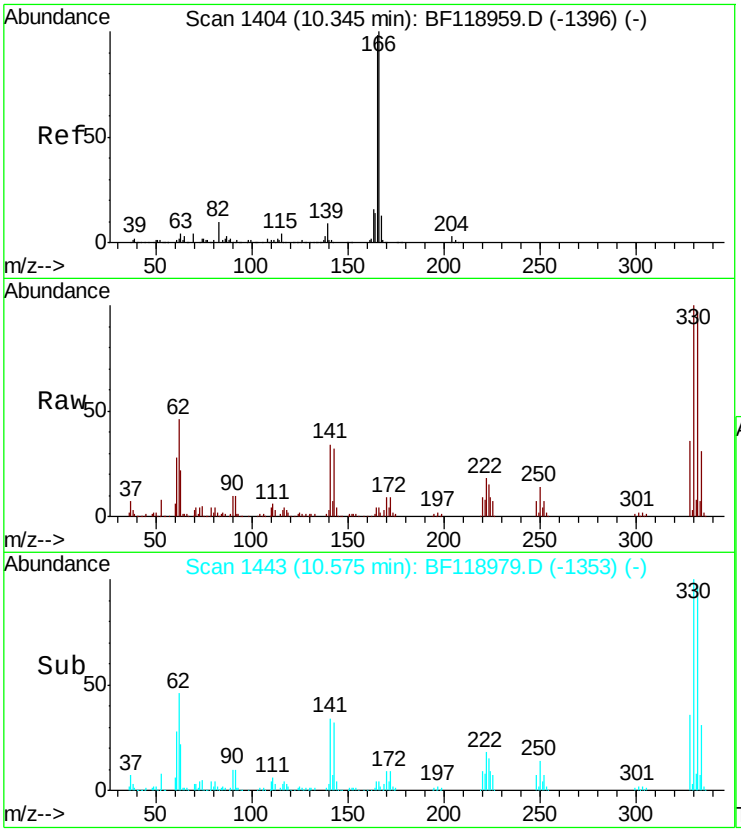


#57
2,4-Dinitrotoluene
Concen: 5.743 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Tgt Ion:165 Resp: 44276

Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.8	44.8#
89	1.2	51.9	77.9#
182	0.0	2.3	3.5#



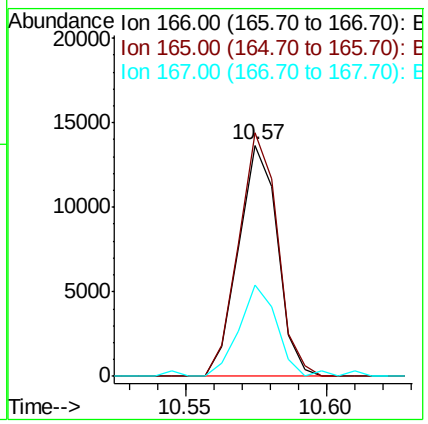


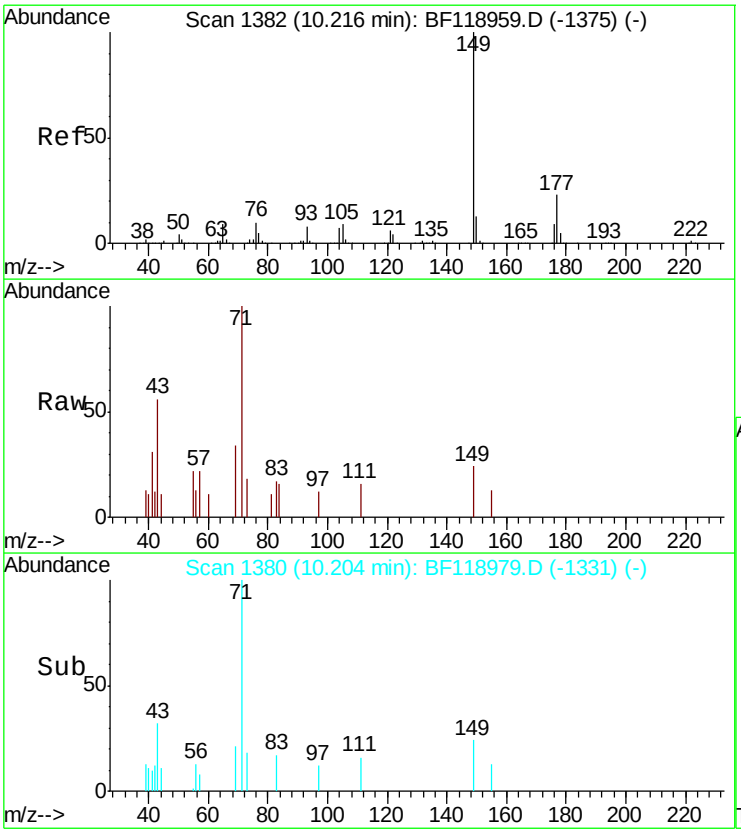
#58
Fluorene
Concen: 0.568 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.23 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 13073

Ion	Ratio	Lower	Upper
166	100		
165	105.5	78.2	117.4
167	39.7	10.6	16.0#

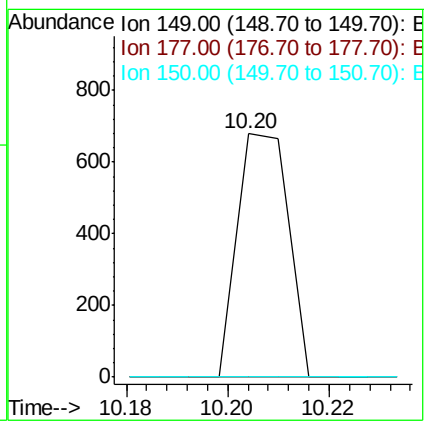


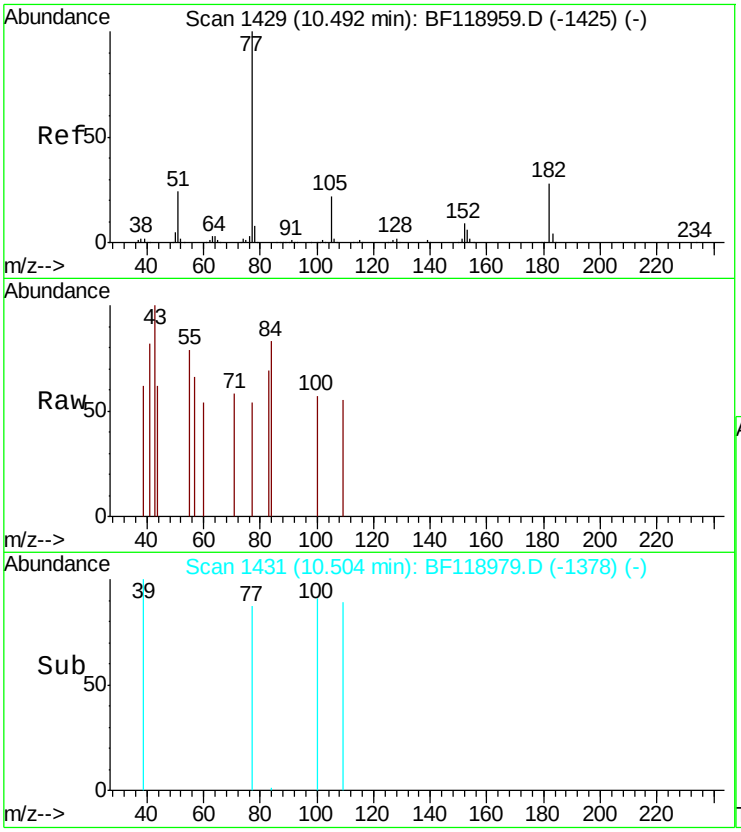


#60
Diethylphthalate
Concen: 0.019 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Tgt Ion:149 Resp: 475

Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.1	27.1#
150	0.0	10.4	15.6#



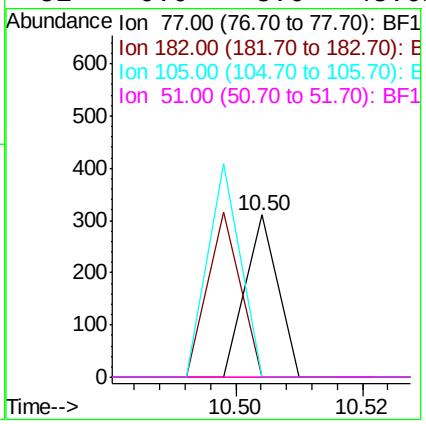


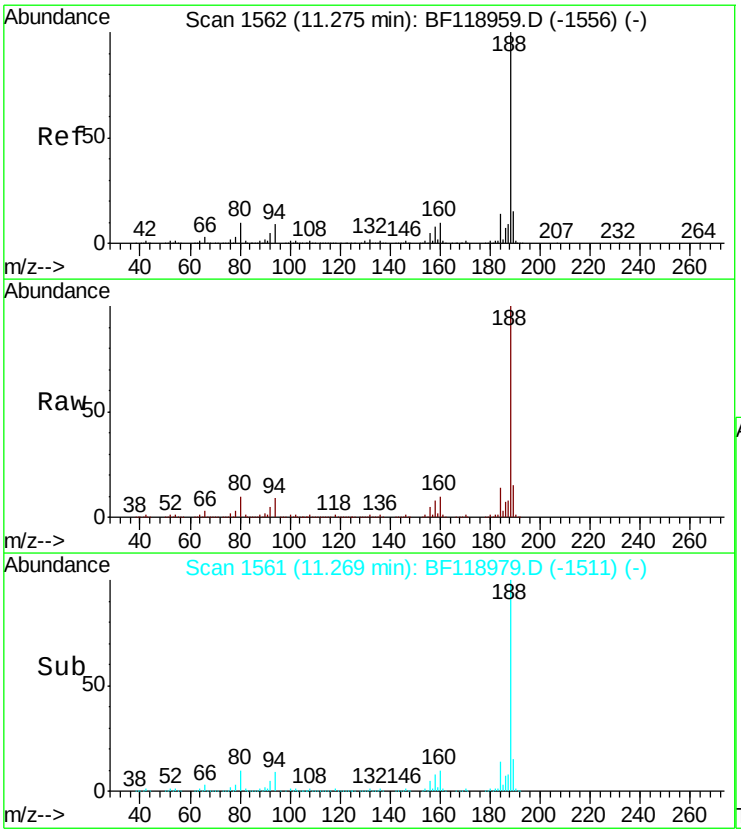
#63
Azobenzene
Concen: 0.005 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 110

Ion	Ratio	Lower	Upper
77	100		
182	0.0	8.2	48.2#
105	0.0	2.3	42.3#
51	0.0	3.6	43.6#

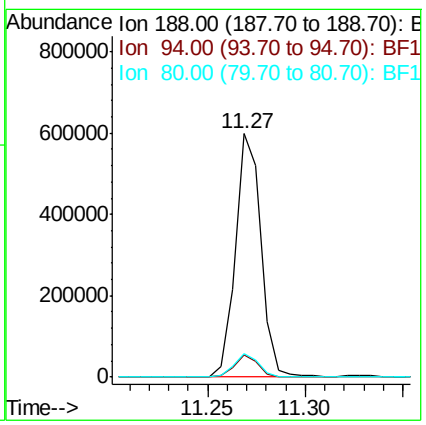


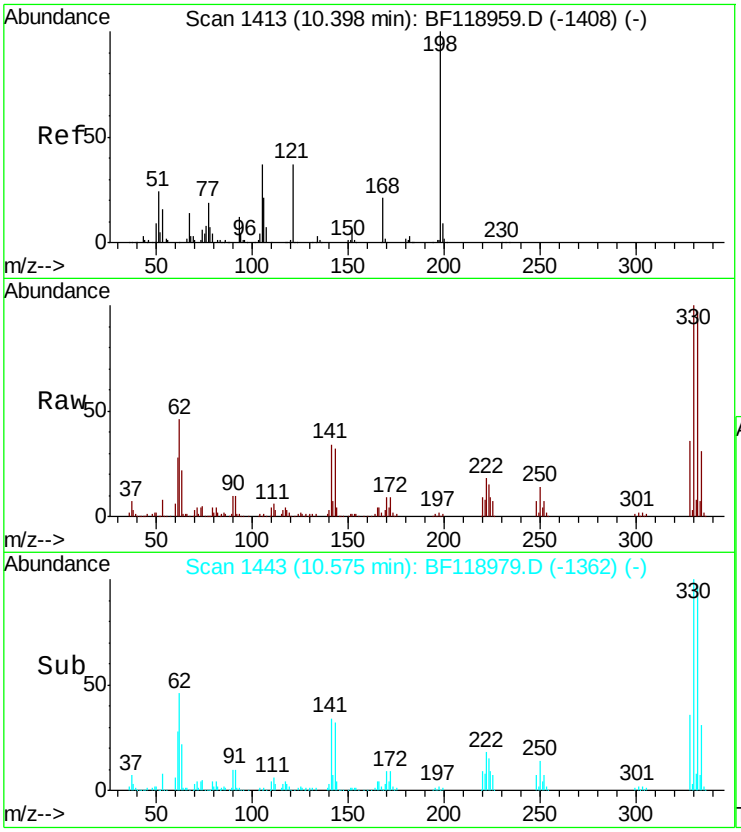


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Tgt Ion:188 Resp: 541210

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.6
80	9.9	7.9	11.9



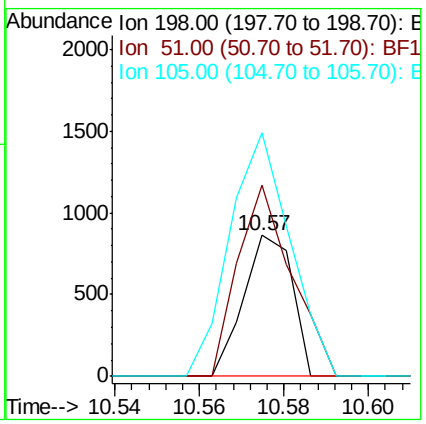


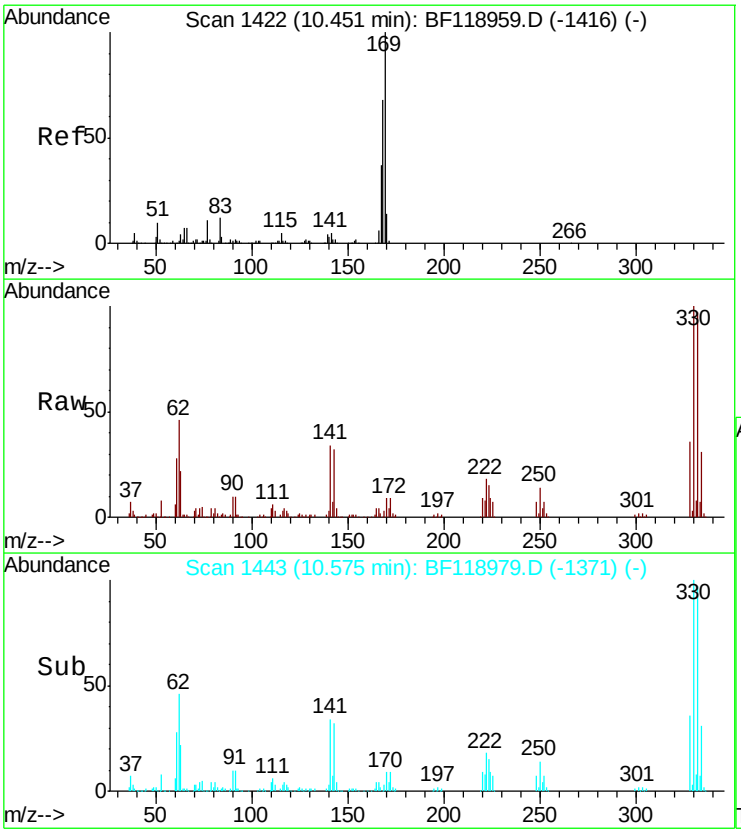
#65
4,6-Dinitro-2-methylphenol
Concen: 0.211 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.18 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 692

Ion	Ratio	Lower	Upper
198	100		
51	135.9	7.1	47.1#
105	173.1	18.3	58.3#

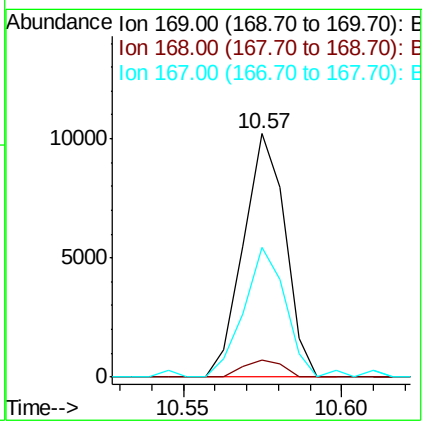


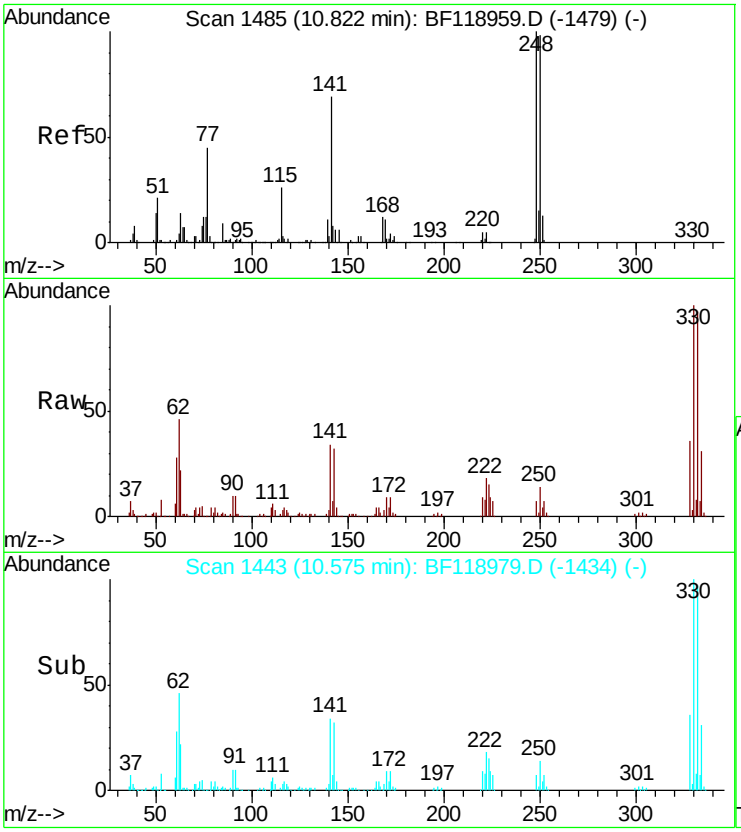


#66
n-Nitrosodiphenylamine
Concen: 0.528 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.12 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Tgt Ion:169 Resp: 9357

Ion	Ratio	Lower	Upper
169	100		
168	6.8	54.2	81.2#
167	53.2	29.4	44.2#



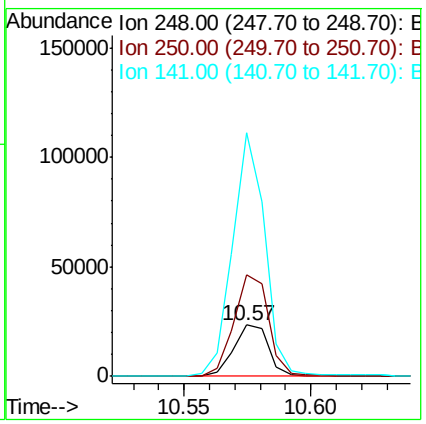


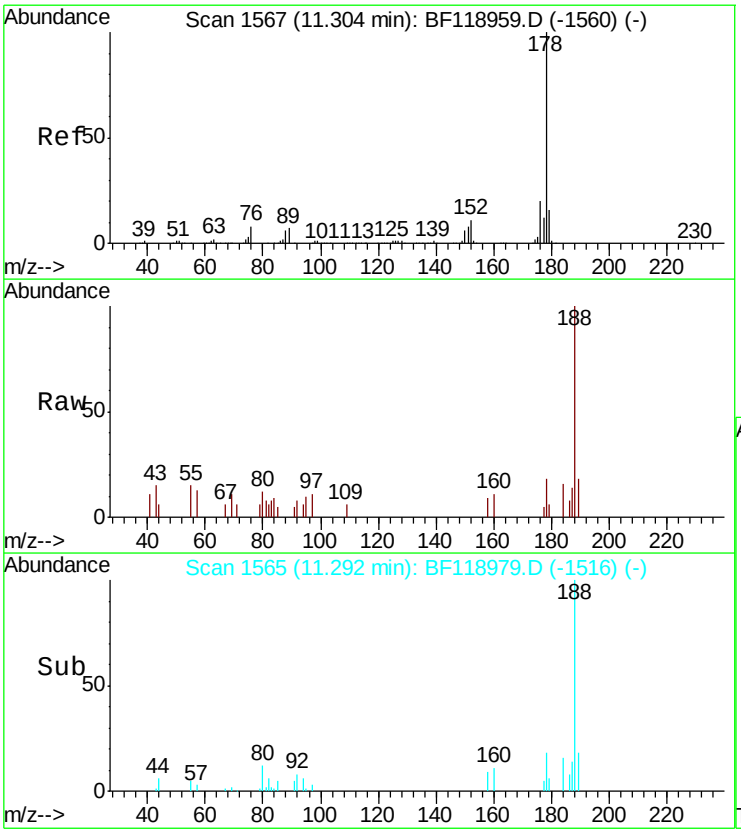
#67
4-Bromophenyl-phenylether
Concen: 3.147 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.25 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 22265

Ion	Ratio	Lower	Upper
248	100		
250	198.4	78.8	118.2#
141	477.0	55.3	82.9#

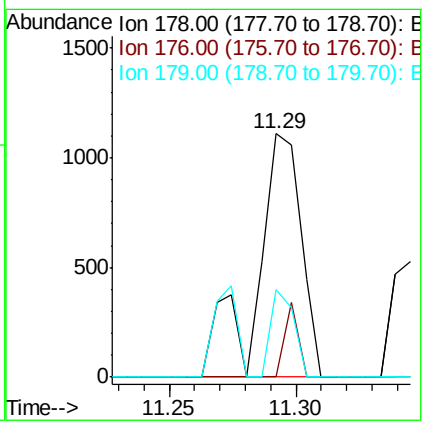


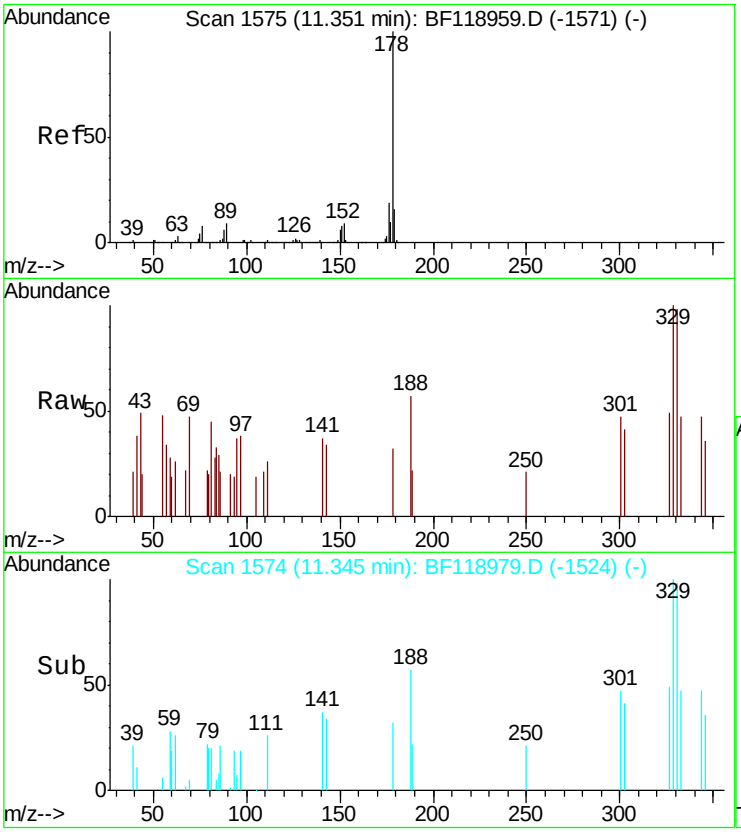


#71
Phenanthrene
Concen: 0.046 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Tgt Ion:178 Resp: 1361

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.6	23.4#
179	36.0	12.6	18.8#



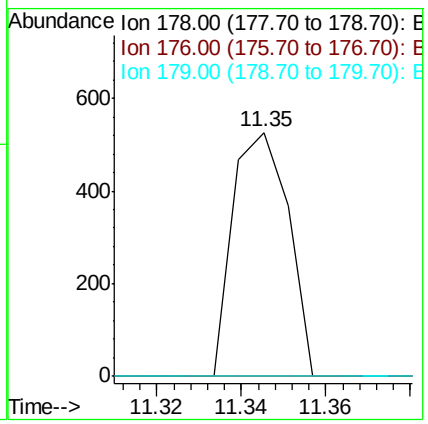


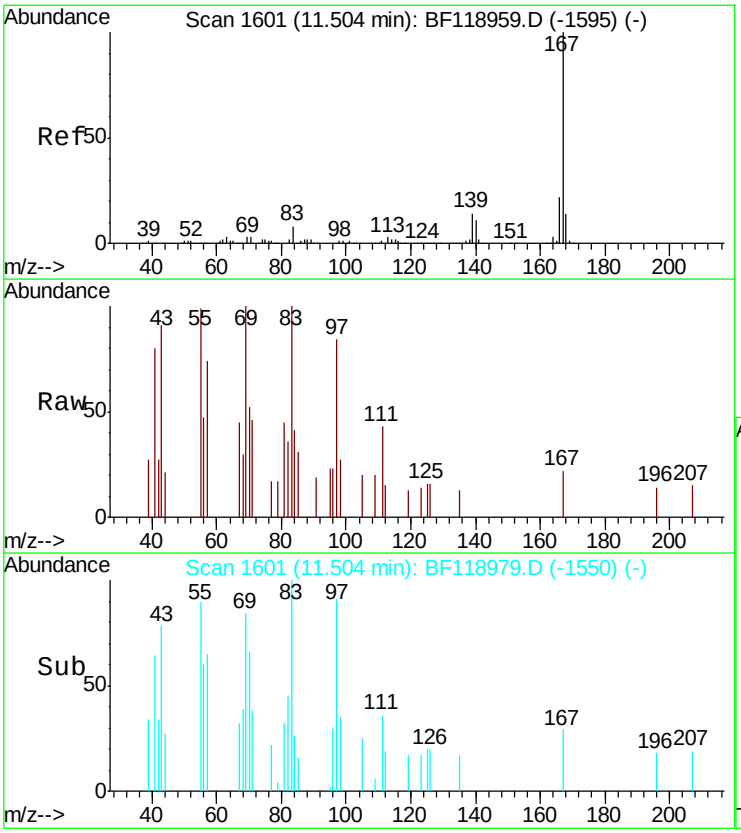
#72
Anthracene
Concen: 0.016 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 480

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.4	23.2#
179	0.0	12.8	19.2#

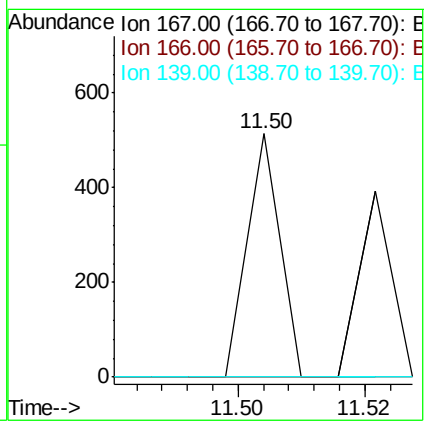


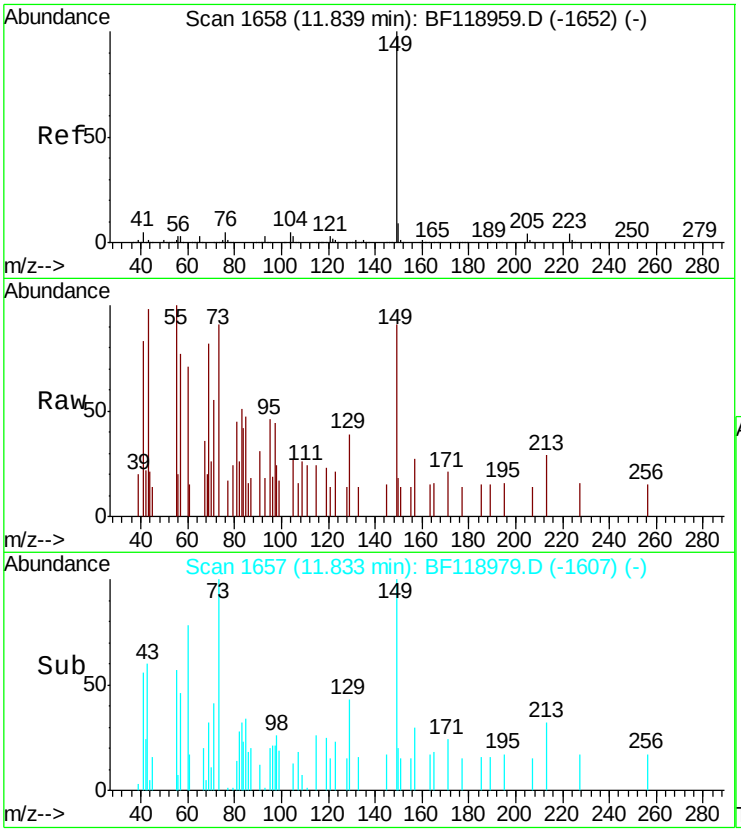


#73
Carbazole
Concen: 0.007 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Tgt Ion:167 Resp: 181

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.8	26.6#
139	0.0	11.2	16.8#



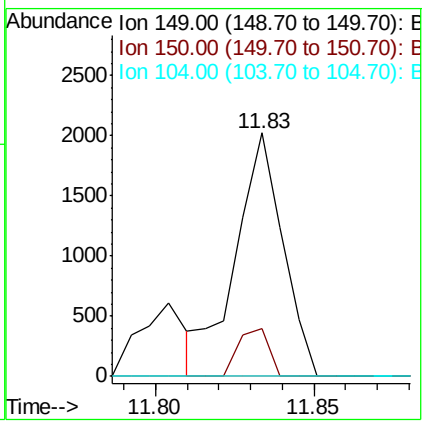


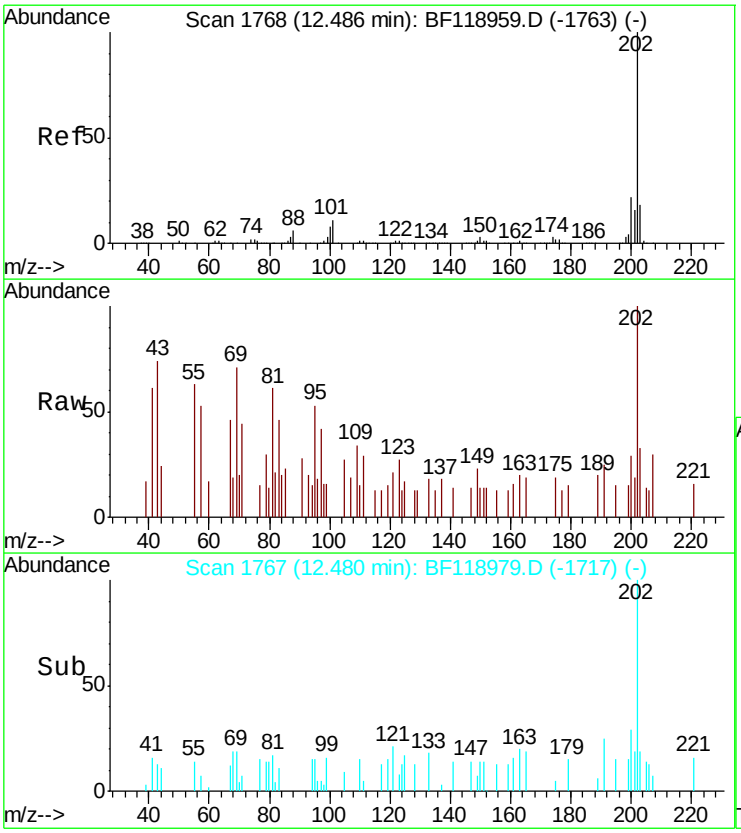
#74
Di-n-butylphthalate
Concen: 0.066 ng
RT: 11.83 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 2087

Ion	Ratio	Lower	Upper
149	100		
150	19.7	7.5	11.3#
104	0.0	4.0	6.0#

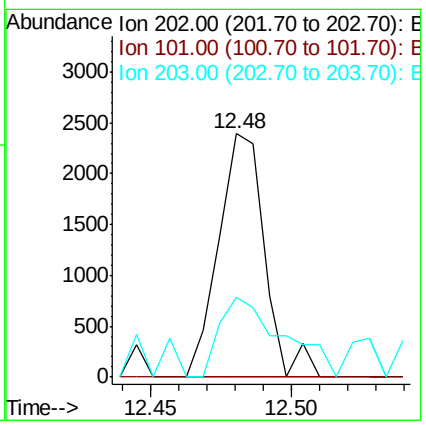


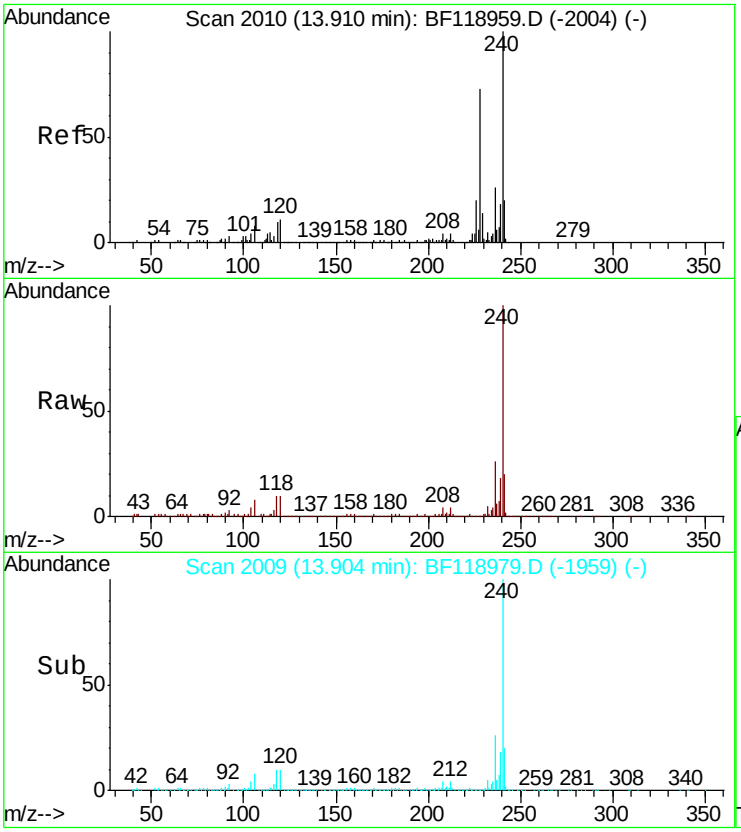


#75
Fluoranthene
Concen: 0.086 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Tgt Ion:202 Resp: 2704

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	31.1
203	33.0	0.0	38.1



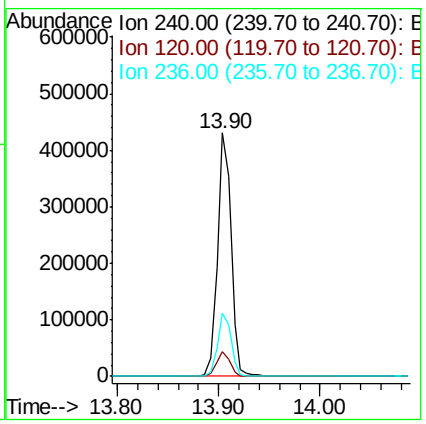


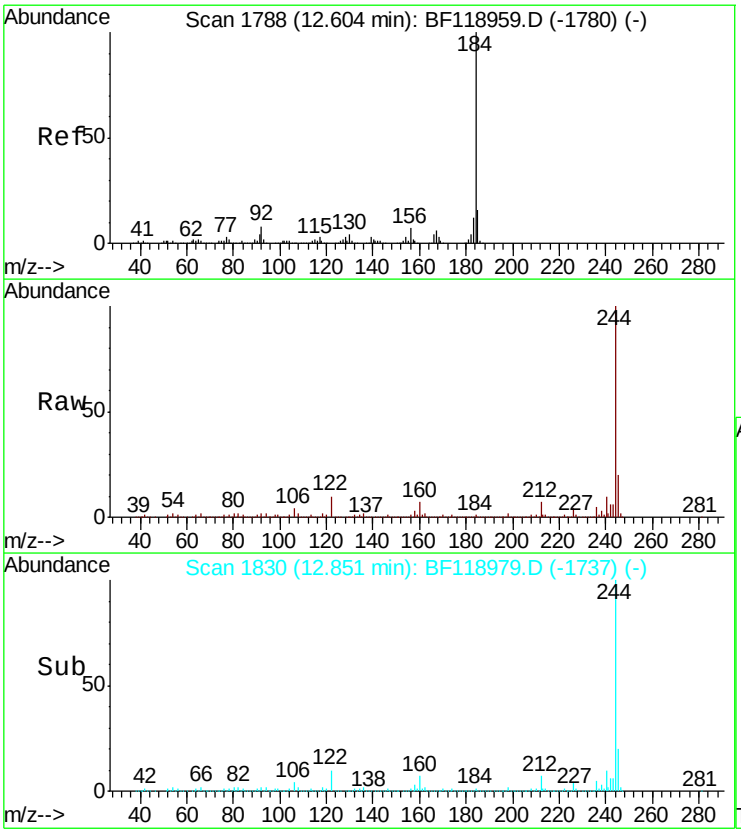
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 398270

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.9	13.3
236	25.9	20.6	30.8

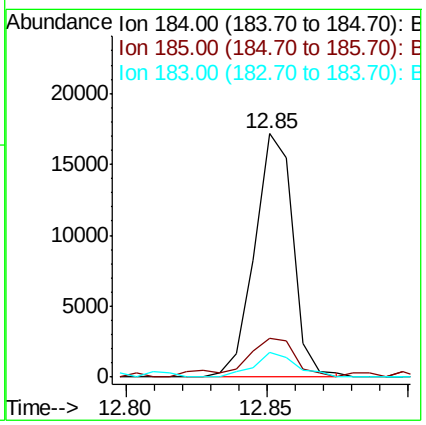


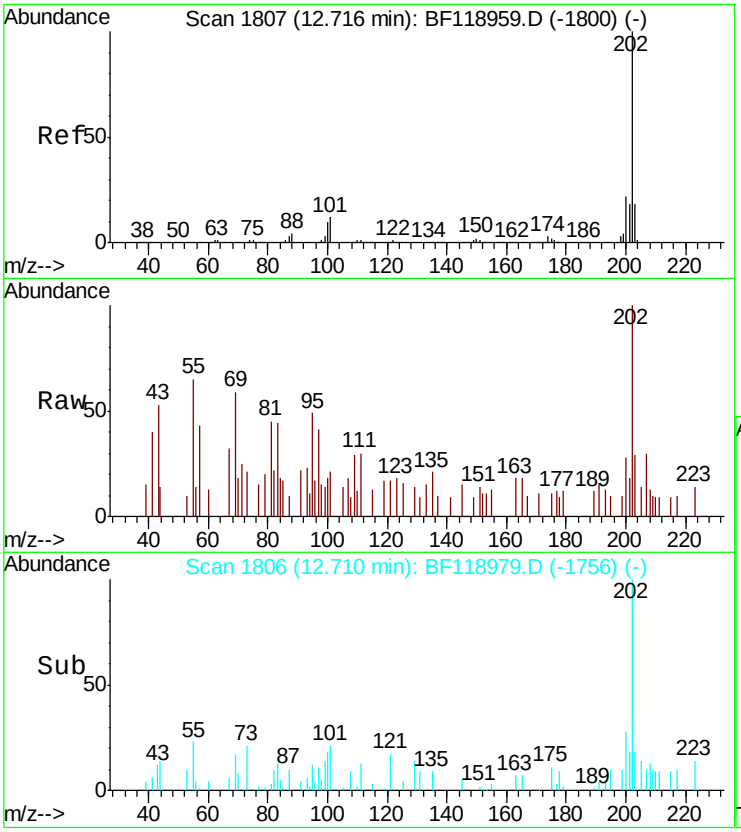


#77
Benzidine
Concen: 1.001 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.25 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Tgt Ion:184 Resp: 16216

Ion	Ratio	Lower	Upper
184	100		
185	15.8	12.6	19.0
183	10.0	9.9	14.9



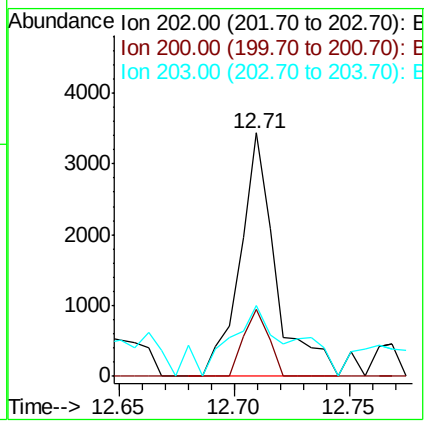


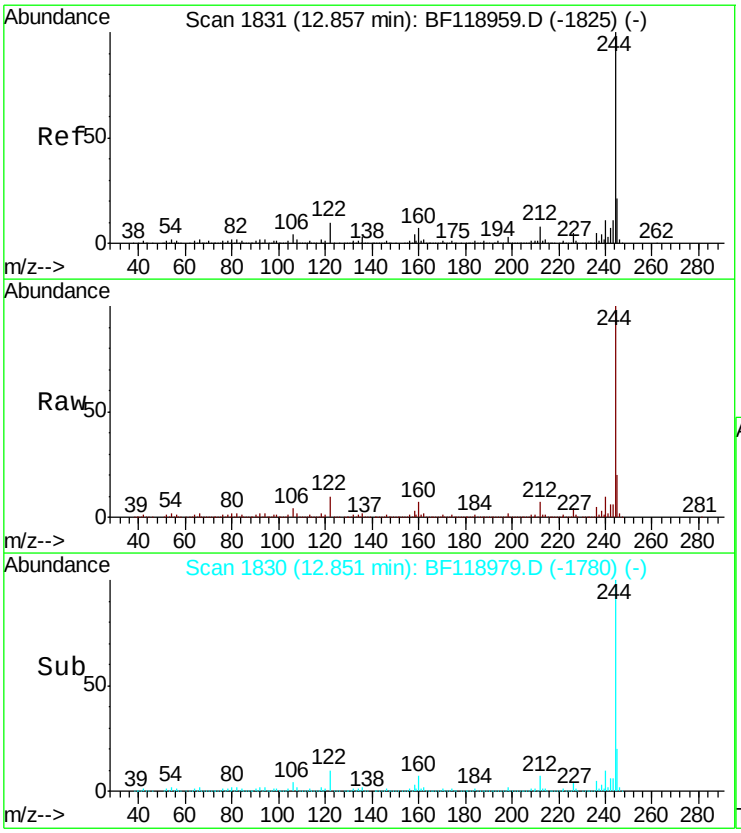
#78
Pyrene
Concen: 0.116 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 3708

Ion	Ratio	Lower	Upper
202	100		
200	27.7	17.4	26.0#
203	29.2	14.5	21.7#

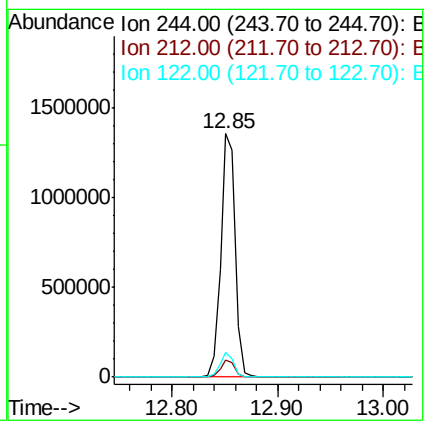


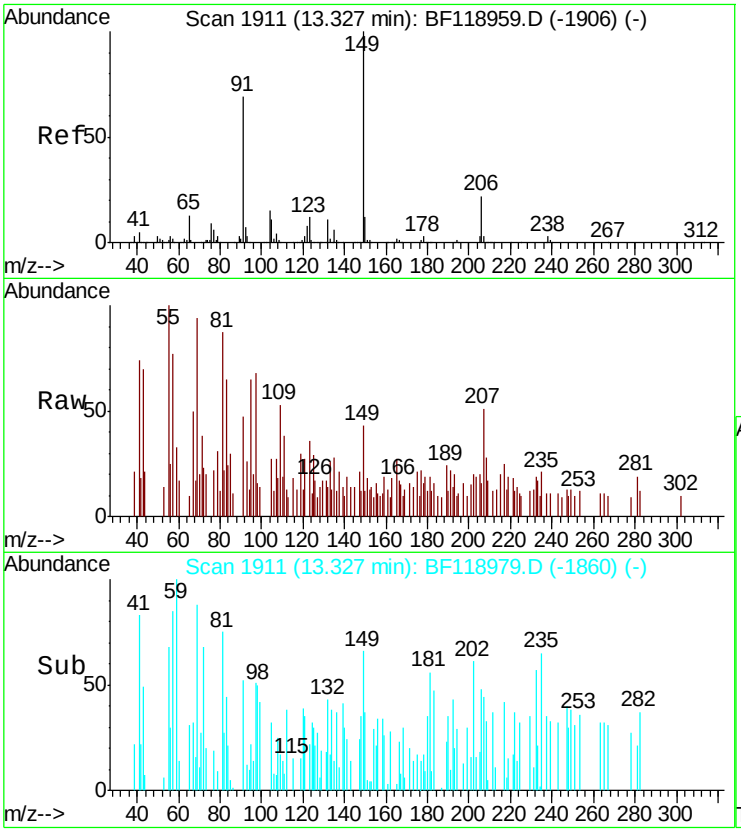


#79
Terphenyl-d14
Concen: 55.976 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Tgt Ion:244 Resp: 1294867

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.3	9.5
122	10.3	8.4	12.6



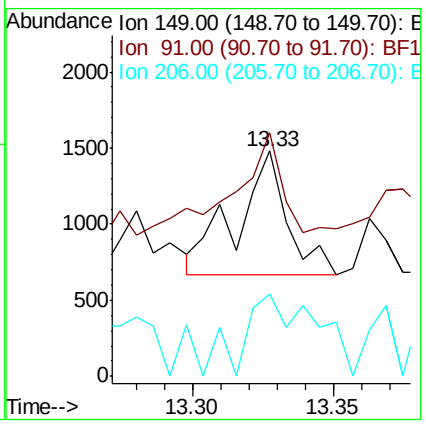


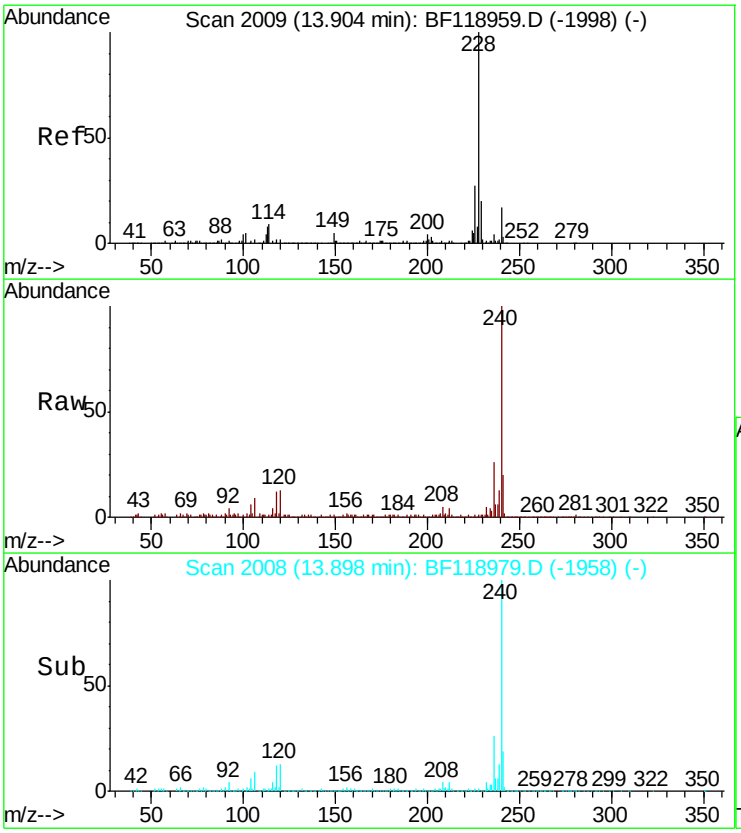
#80
Butylbenzylphthalate
Concen: 0.075 ng
RT: 13.33 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1013

Ion	Ratio	Lower	Upper
149	100		
91	108.0	55.4	83.2#
206	36.4	17.7	26.5#

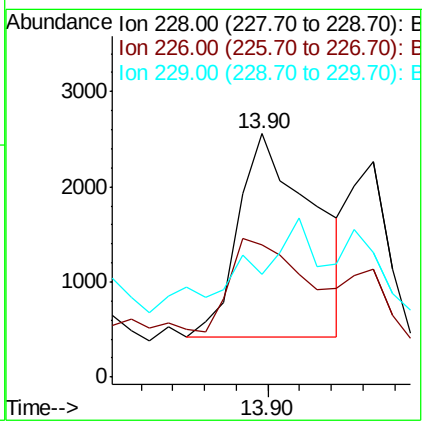


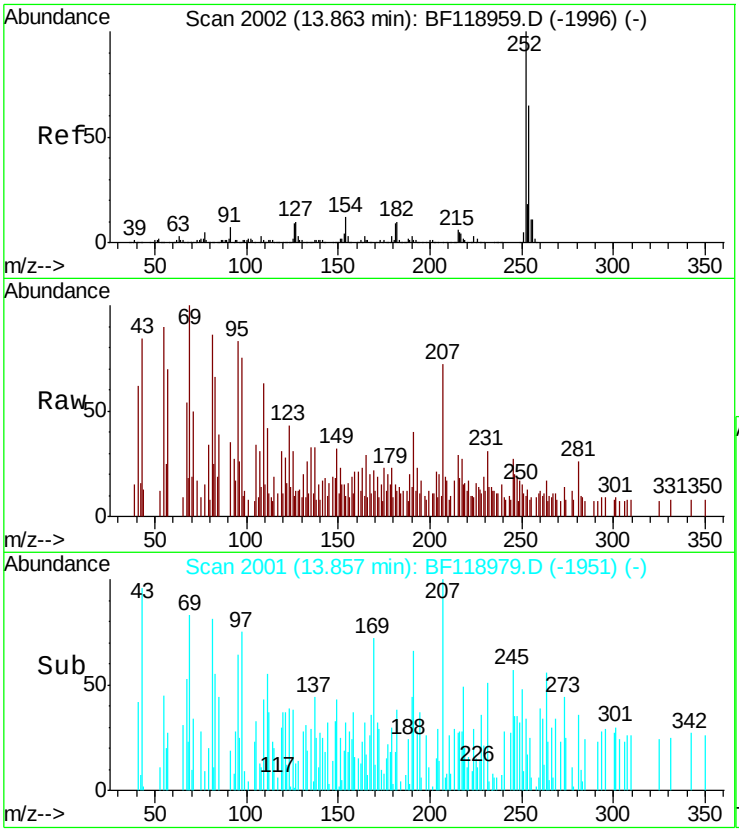


#81
Benzo(a)anthracene
Concen: 0.129 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Tgt Ion:228 Resp: 3505

Ion	Ratio	Lower	Upper
228	100		
226	54.4	21.8	32.8#
229	42.3	16.0	24.0#



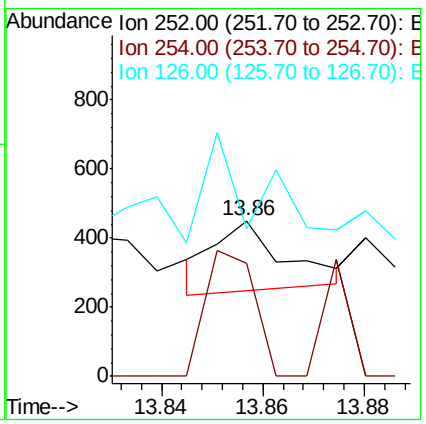


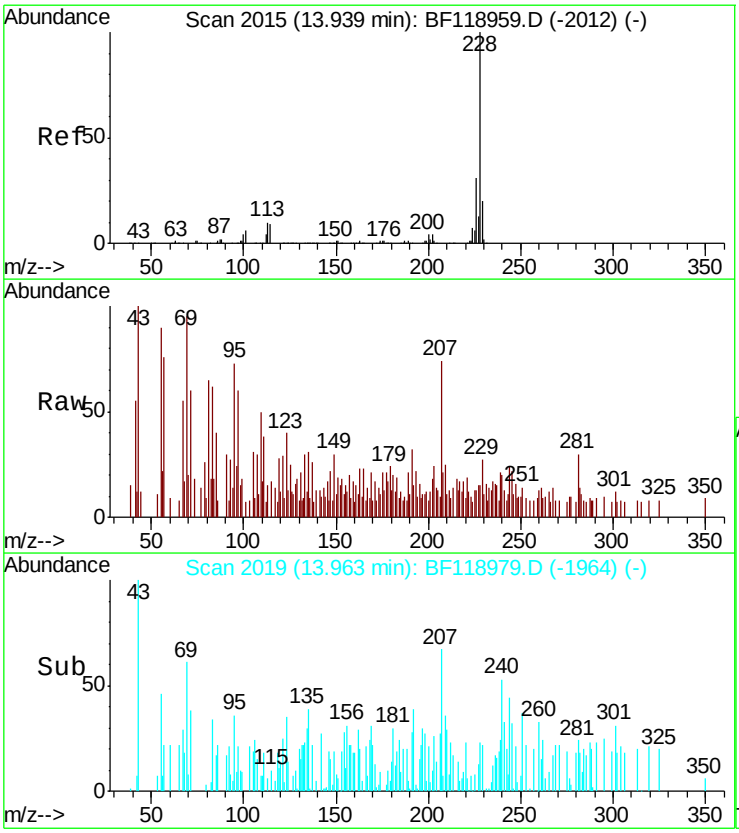
#82
3,3'-Dichlorobenzidine
Concen: 0.018 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 193

Ion	Ratio	Lower	Upper
252	100		
254	73.1	52.1	78.1
126	95.3	7.3	10.9#

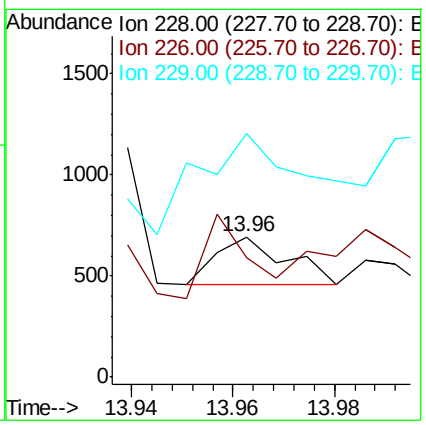


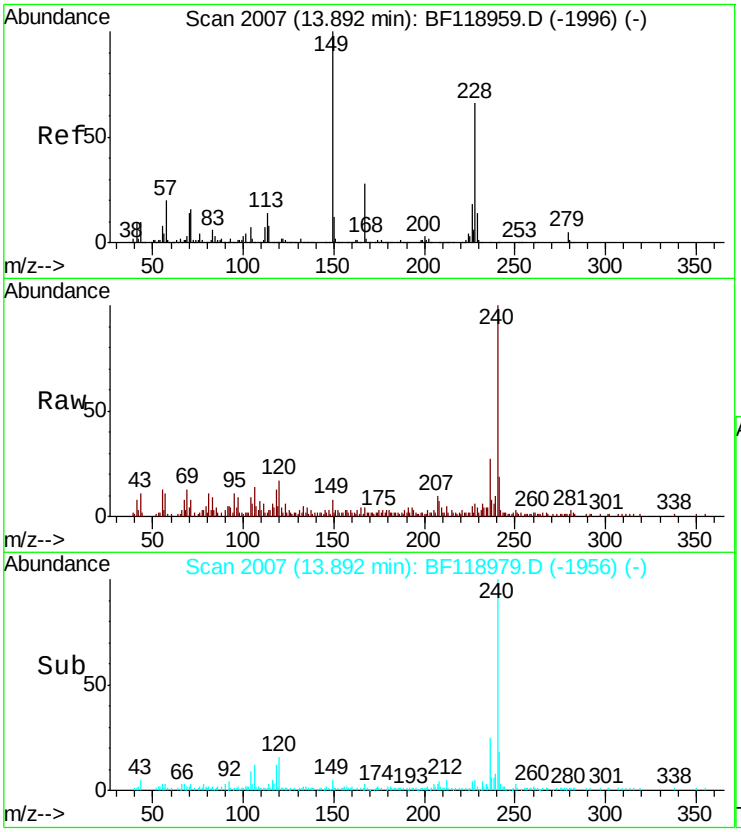


#83
Chrysene
Concen: 0.008 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.02 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Tgt Ion:228 Resp: 229

Ion	Ratio	Lower	Upper
228	100		
226	85.3	24.6	37.0#
229	173.5	16.2	24.2#



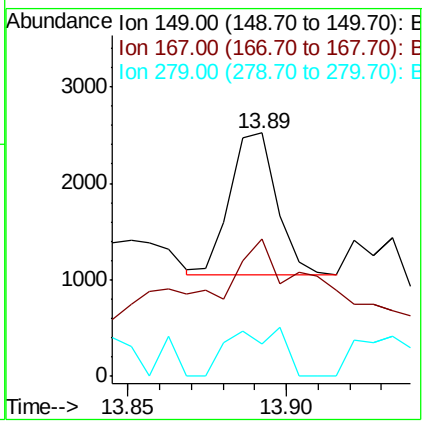


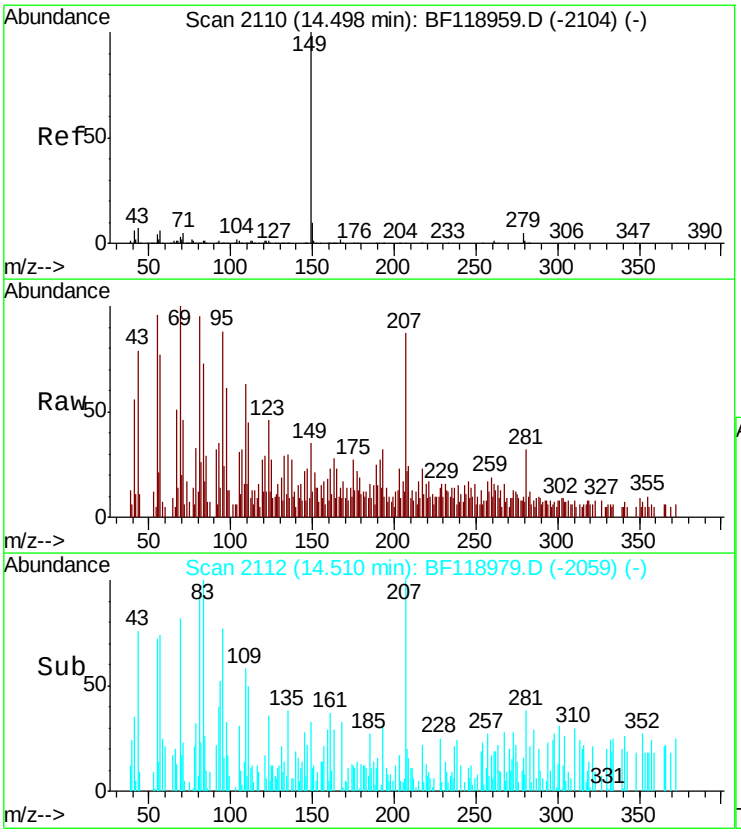
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.089 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1509

Ion	Ratio	Lower	Upper
149	100		
167	56.2	22.3	33.5#
279	13.6	4.2	6.4#

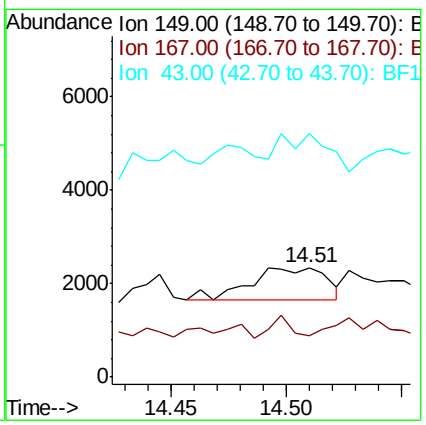


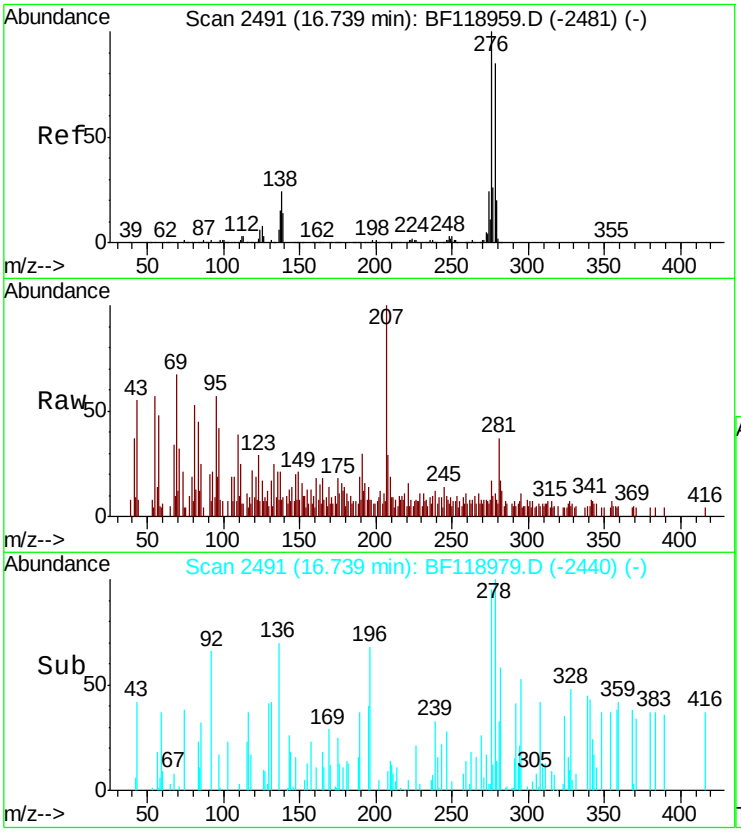


#85
Di-n-octyl phthalate
Concen: 0.058 ng
RT: 14.51 min Scan# 2112
Delta R.T. 0.01 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Tgt Ion:149 Resp: 1564

Ion	Ratio	Lower	Upper
149	100		
167	19.1	1.3	1.9#
43	71.1	5.2	7.8#



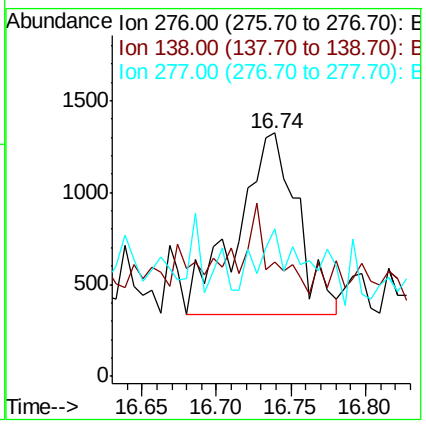


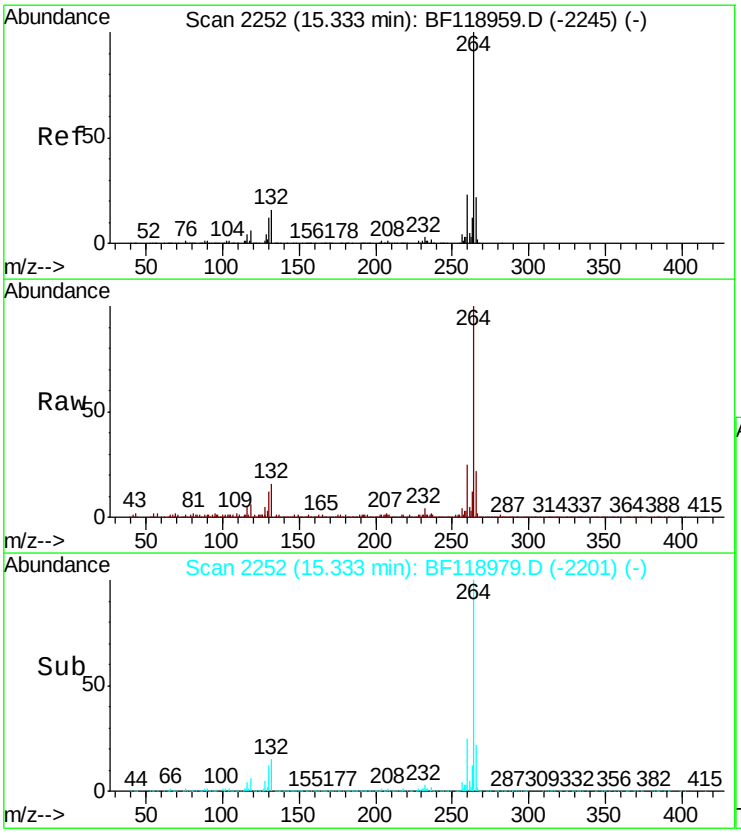
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.105 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.00 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 2754

Ion	Ratio	Lower	Upper
276	100		
138	27.3	18.7	28.1
277	22.1	20.3	30.5

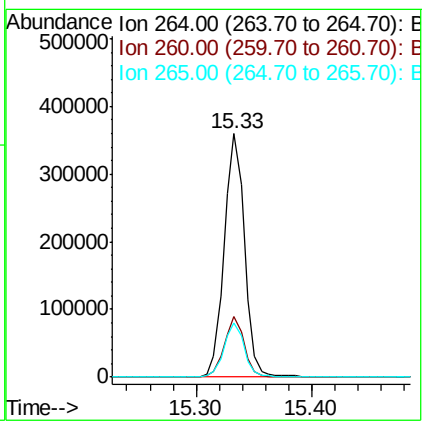


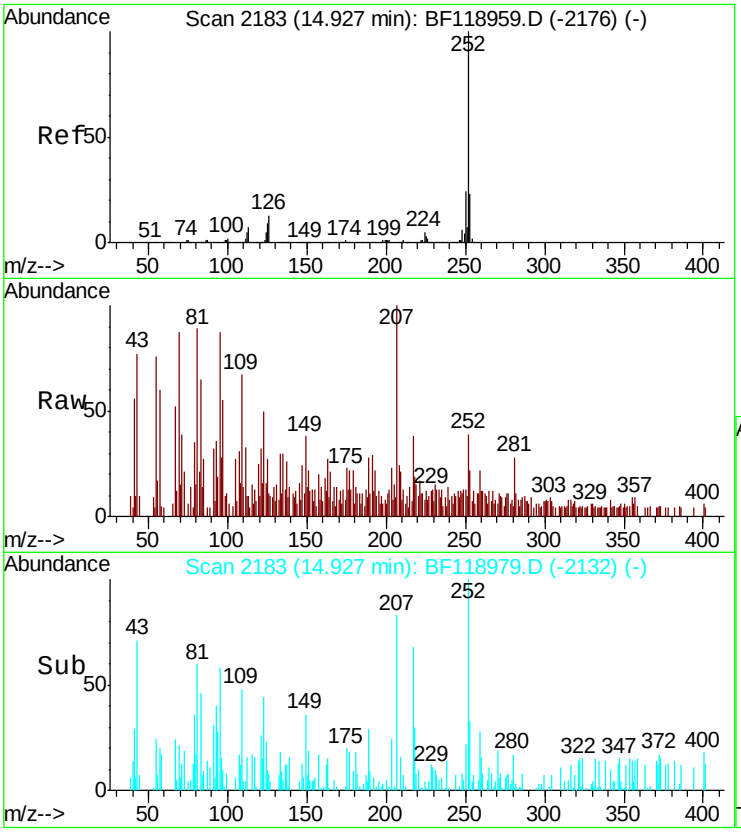


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.00 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Tgt Ion:264 Resp: 436751

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.6	28.0
265	22.3	17.3	25.9



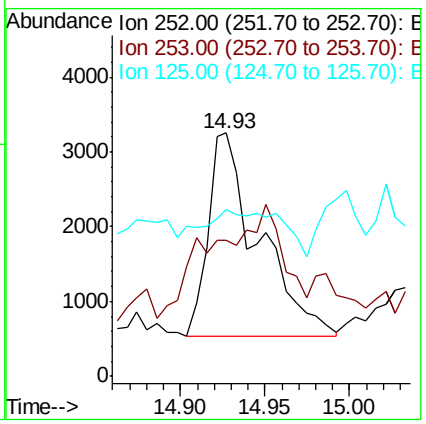


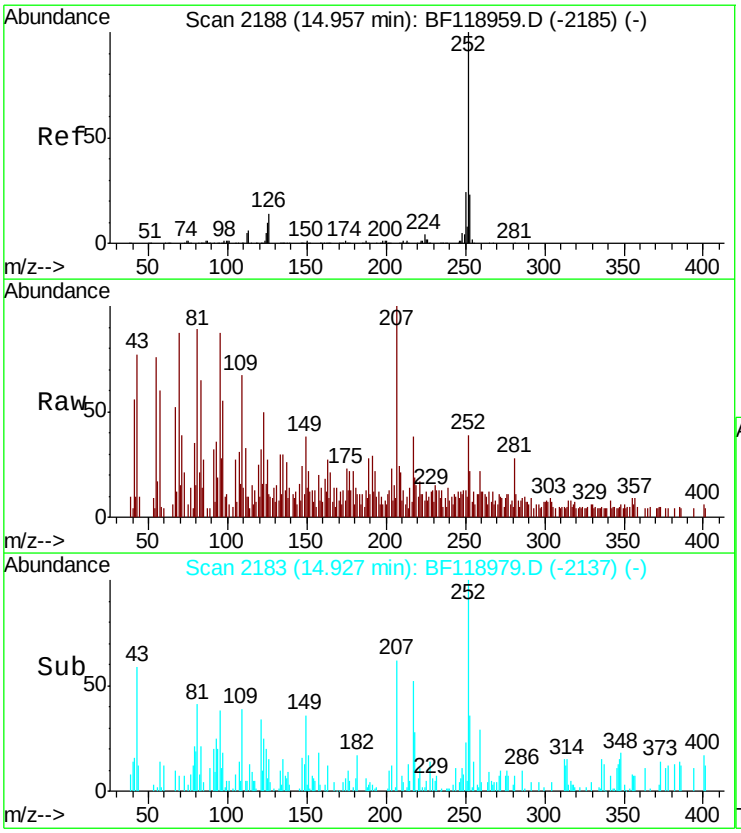
#88
Benzo(b)fluoranthene
Concen: 0.196 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 5656

Ion	Ratio	Lower	Upper
252	100		
253	55.7	18.2	27.2#
125	68.8	7.4	11.0#

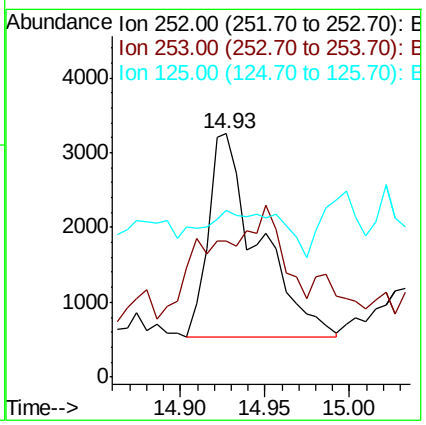


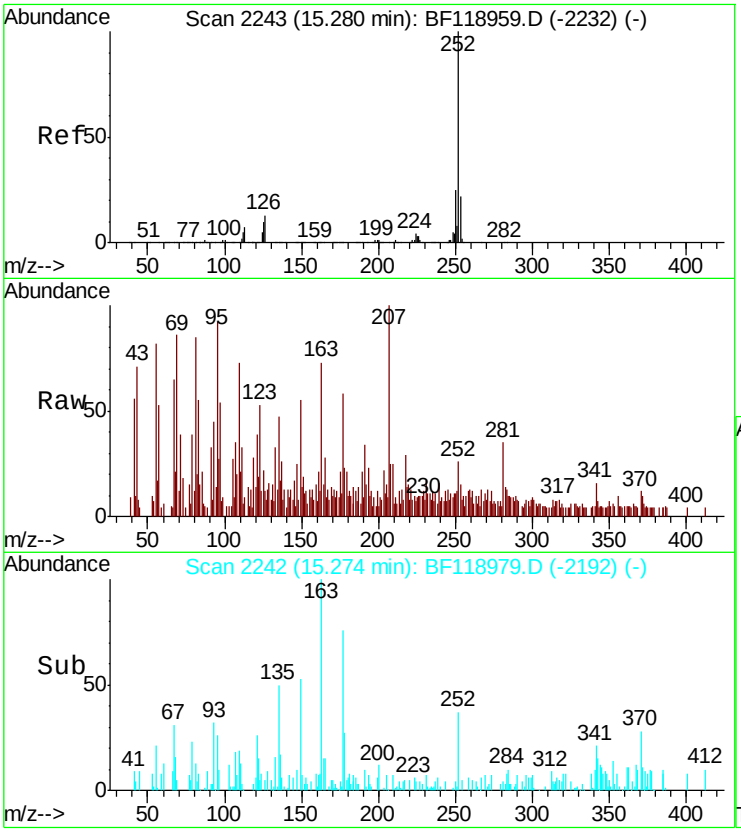


#89
Benzo(k)fluoranthene
Concen: 0.212 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.03 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Tgt Ion:252 Resp: 5656

Ion	Ratio	Lower	Upper
252	100		
253	55.7	17.9	26.9#
125	68.8	7.3	10.9#



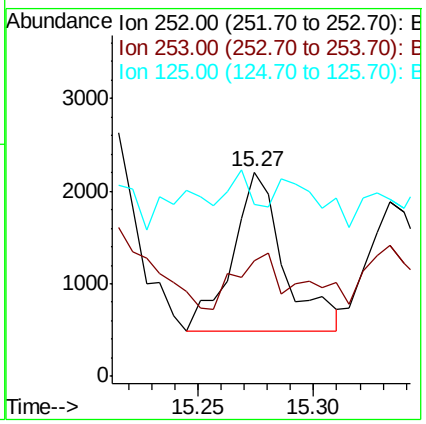


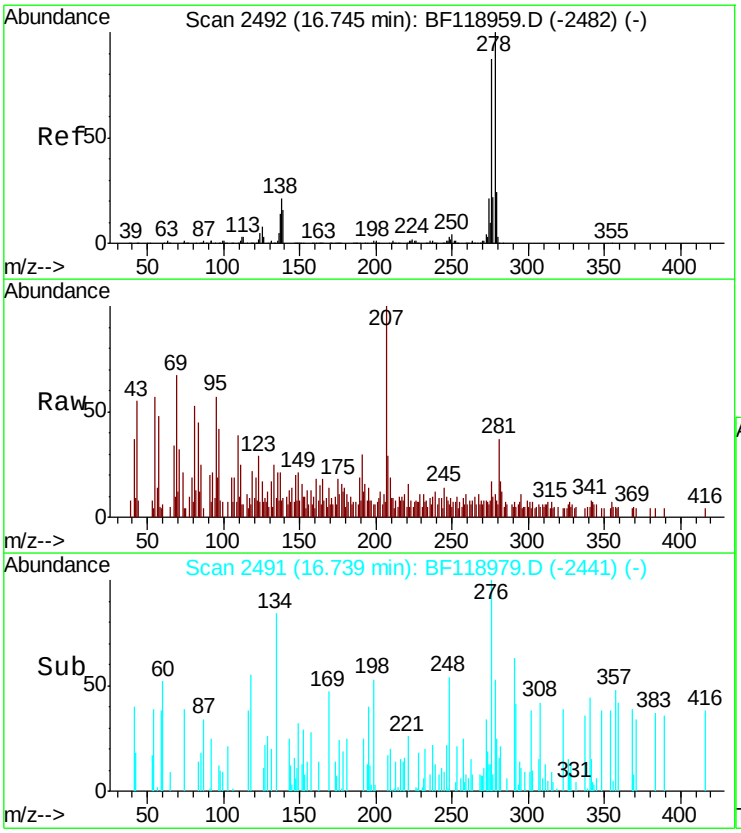
#90
Benzo(a)pyrene
Concen: 0.102 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 2654

Ion	Ratio	Lower	Upper
252	100		
253	56.3	17.9	26.9#
125	84.0	7.8	11.6#

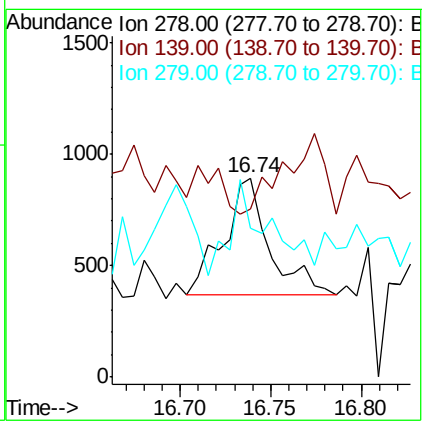


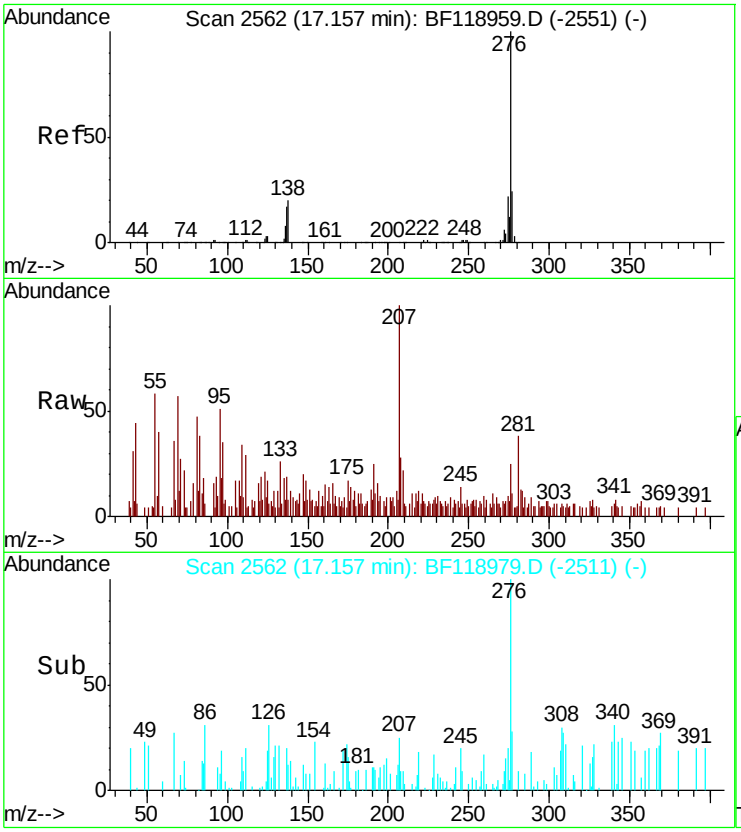


#91
Dibenzo(a,h)anthracene
Concen: 0.040 ng
RT: 16.74 min Scan# 2491
Delta R.T. -0.01 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Tgt Ion:278 Resp: 917

Ion	Ratio	Lower	Upper
278	100		
139	84.8	12.6	18.8#
279	75.0	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 0.135 ng
RT: 17.16 min Scan# 2562
Delta R.T. 0.00 min
Lab File: BF118979.D
Acq: 21 Feb 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 3048

Ion	Ratio	Lower	Upper
276	100		
277	45.7	19.2	28.8#
138	32.7	16.2	24.4#