Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119843.D
Acq On : 9 Apr 2020 00:17
Operator : MA/SJ
Sample : PB128044BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 09 02:03:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 01:21:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	148023	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	567683	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	300262	20.00	ng	-0.01
64) Phenanthrene-d10	11.29	188	629254	20.00	ng	0.00
76) Chrysene-d12	13.93	240	564813	20.00	ng	0.00
87) Perylene-d12	15.37	264	533367	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1351080	157.74	ng	0.01
7) Phenol-d6	6.40	99	1749641	158.53	ng	0.00
23) Nitrobenzene-d5	7.33	82	1095844	99.87	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	549053	149.35	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2116011	100.06	ng	0.00
79) Terphenyl-d14	12.89	244	2751325	81.97	ng	0.00
Target Compounds						Qvalue
6) Aniline	6.43	93	252	0.017	ng	# 1
9) Benzaldehyde	6.40	77	2436	Below Cal		# 1
11) bis(2-Chloroethyl)ether	6.43	93	252	0.026	ng	# 15
15) Benzyl Alcohol	6.92	79	18433	2.150	ng	# 51
19) n-Nitroso-di-n-propylamine	7.33	70	143838	20.267	ng	# 76
24) Nitrobenzene	7.33	77	3255	0.295	ng	# 36
25) Isophorone	7.33	82	1083966	51.244	ng	# 65
38) 1-Methylnaphthalene	9.13	142	959	0.050	ng	# 42
46) 1,1'-Biphenyl	9.23	154	5689	0.224	ng	97
48) 2-Nitroaniline	9.13	65	3956	0.559	ng	# 1
51) 2,6-Dinitrotoluene	9.80	165	39060	7.680	ng	# 19
52) Acenaphthene	9.81	154	765	0.039	ng	# 5
57) 2,4-Dinitrotoluene	9.80	165	39060	5.829	ng	# 22
58) Fluorene	10.60	166	22317	1.027	ng	# 84
63) Azobenzene	10.60	77	2108	0.098	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.60	198	1017	0.245	ng	# 1
66) n-Nitrosodiphenylamine	10.60	169	16430	0.785	ng	# 45
67) 4-Bromophenyl-phenylether	10.60	248	32555	4.160	ng	# 1
71) Phenanthrene	11.29	178	135	0.004	ng	# 1
72) Anthracene	11.29	178	135	0.004	ng	# 1
74) Di-n-butylphthalate	11.86	149	218	0.005	ng	# 78
77) Benzidine	12.89	184	32923	1.724	ng	# 94
78) Pyrene	12.89	202	9013	0.189	ng	# 71
81) Benzo(a)anthracene	13.93	228	1387	0.037	ng	# 67
83) Chrysene	13.93	228	1387	0.037	ng	# 64
90) Benzo(a)pyrene	15.37	252	1751	0.054	ng	# 68

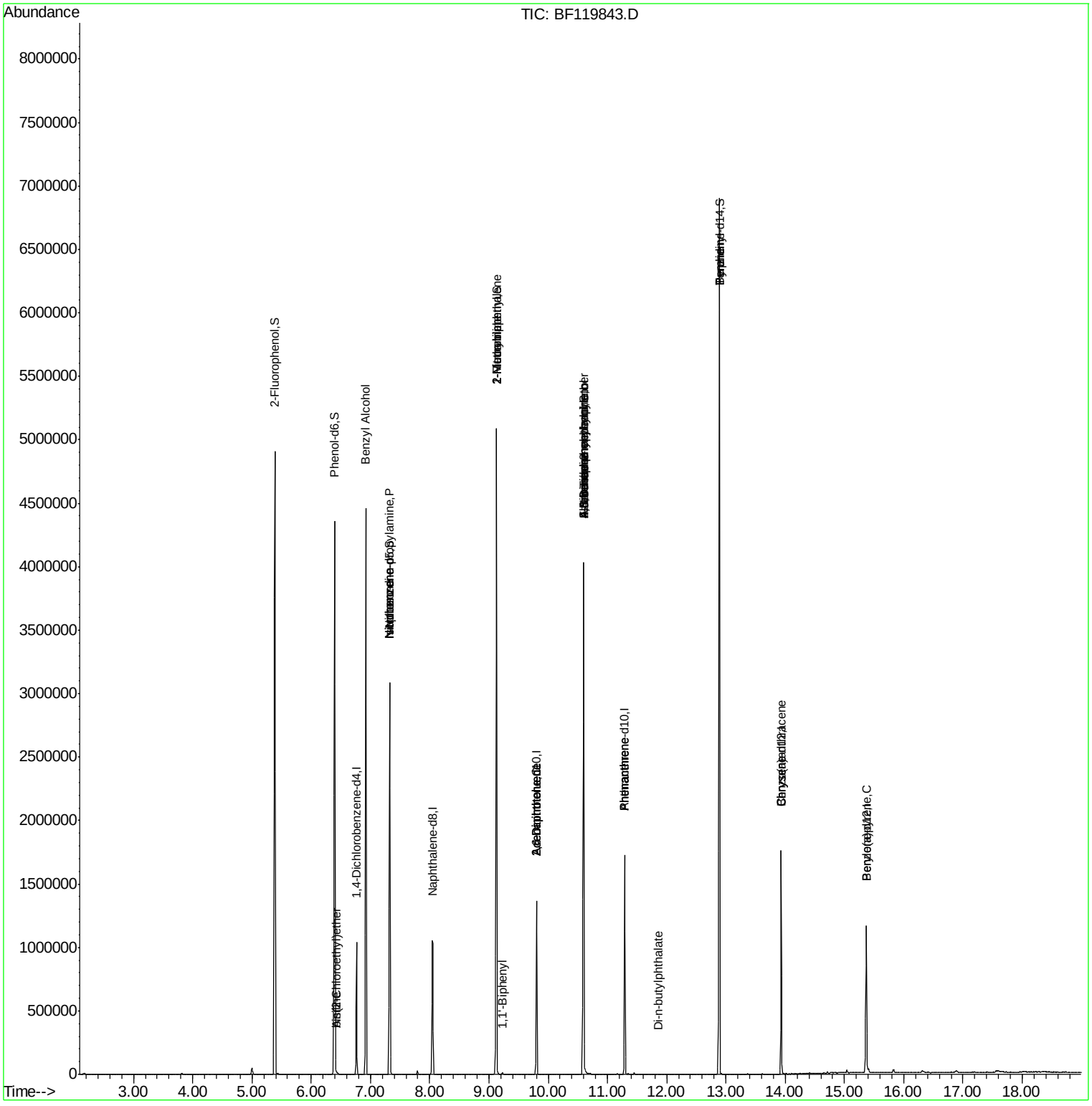
(#) = qualifier out of range (m) = manual integration (+) = signals summed

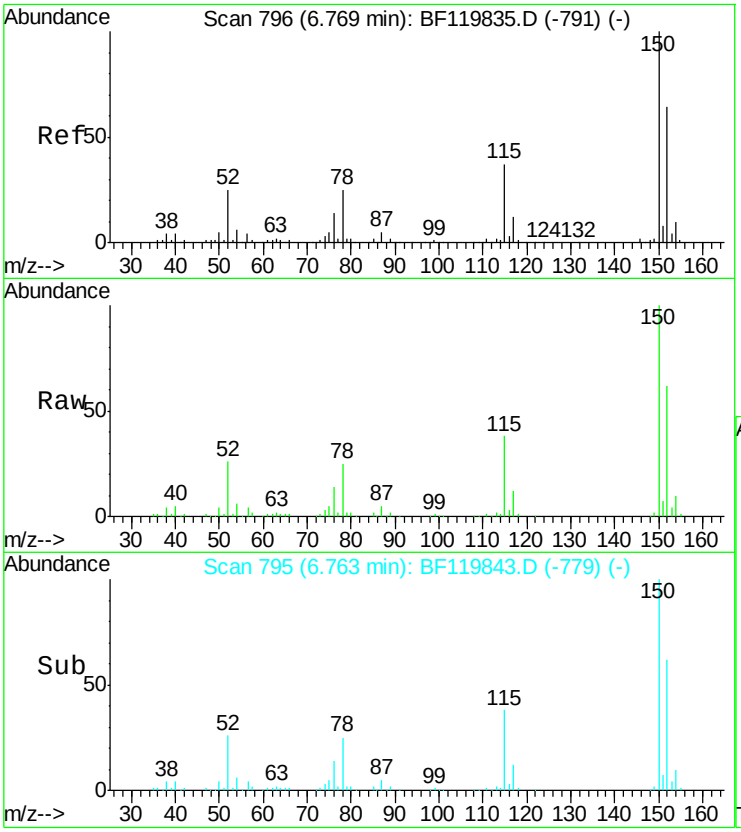
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119843.D
Acq On : 9 Apr 2020 00:17
Operator : MA/SJ
Sample : PB128044BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 09 02:03:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 01:21:19 2020
Response via : Initial Calibration



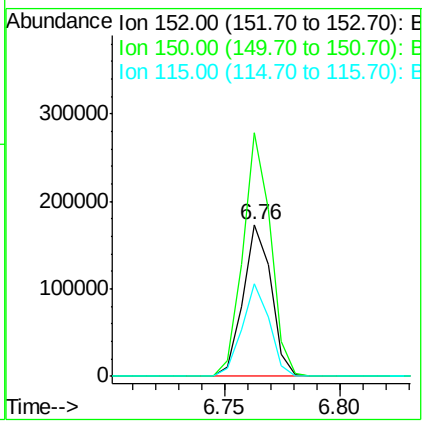


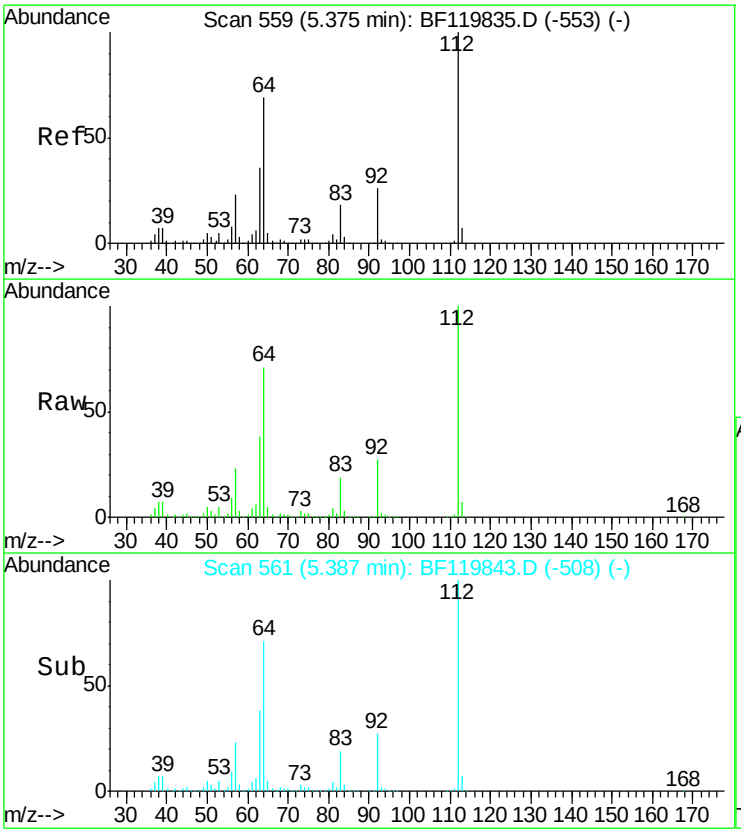
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 148023

Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.8	187.2
115	60.7	46.5	69.7

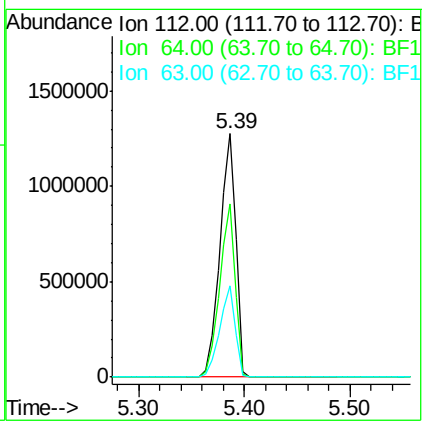


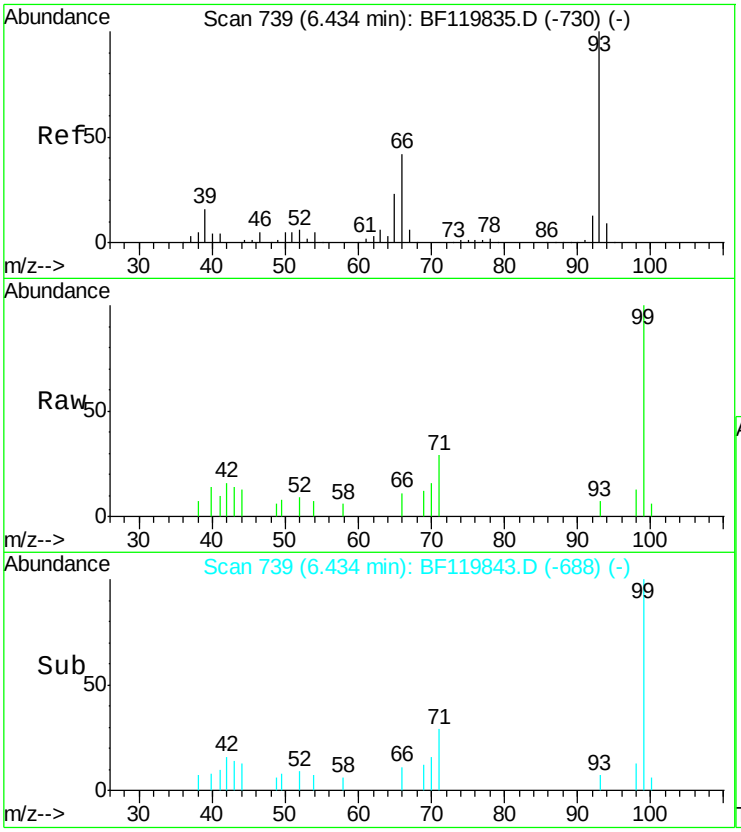


#5
2-Fluorophenol
Concen: 157.740 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Tgt Ion:112 Resp: 1351080

Ion	Ratio	Lower	Upper
112	100		
64	71.2	55.5	83.3
63	37.5	29.1	43.7



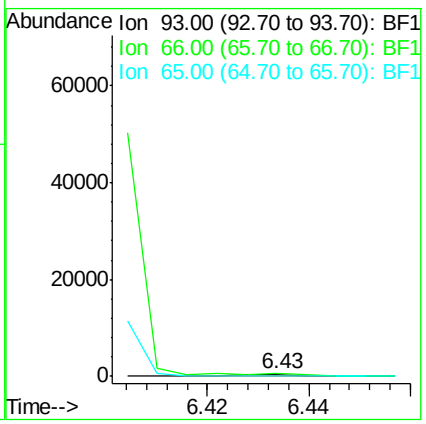


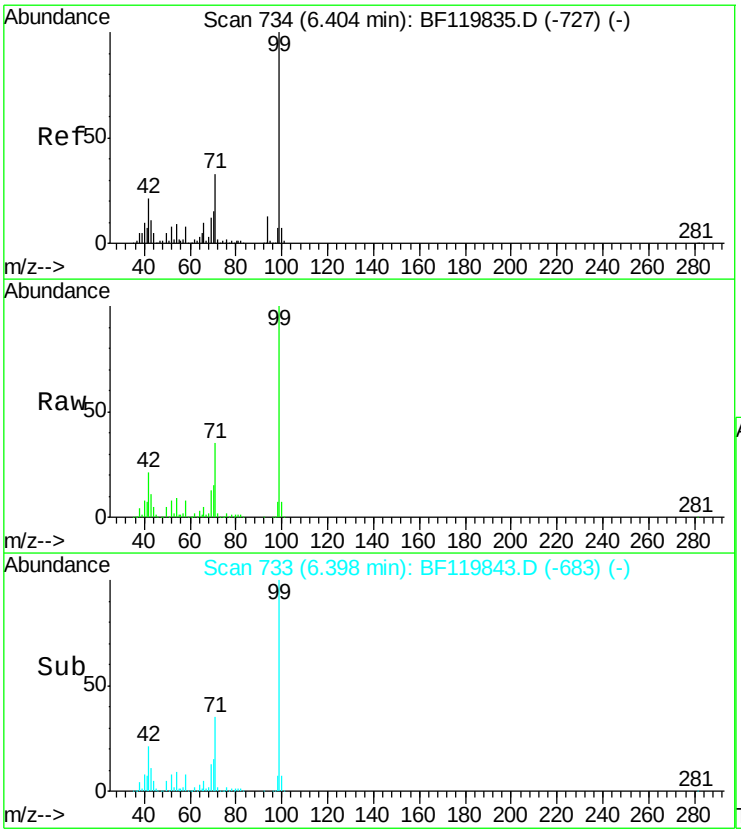
#6
Aniline
Concen: 0.017 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 252

Ion	Ratio	Lower	Upper
93	100		
66	154.6	34.2	51.2#
65	0.0	18.3	27.5#

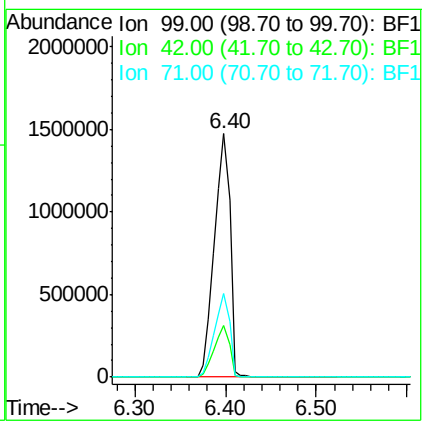


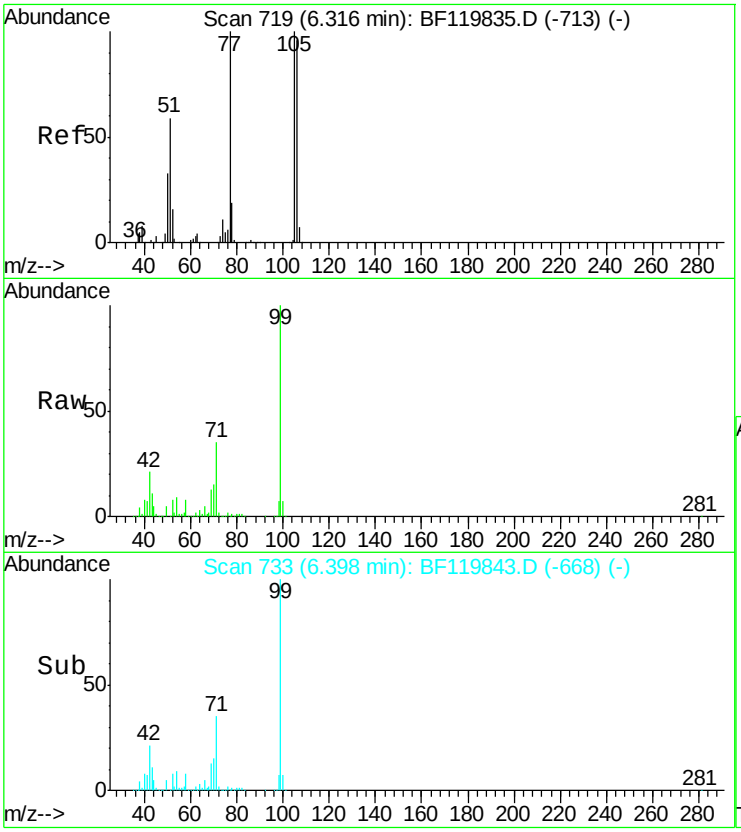


#7
Phenol-d6
Concen: 158.529 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Tgt Ion: 99 Resp: 1749641

Ion	Ratio	Lower	Upper
99	100		
42	21.1	16.9	25.3
71	34.6	26.3	39.5



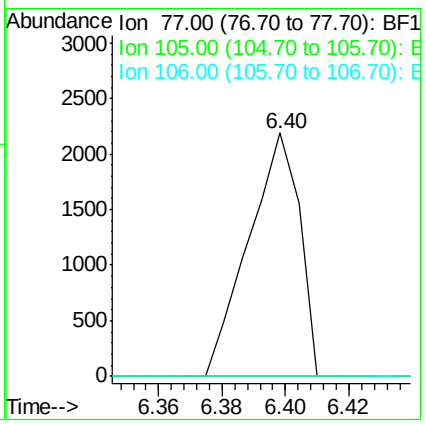


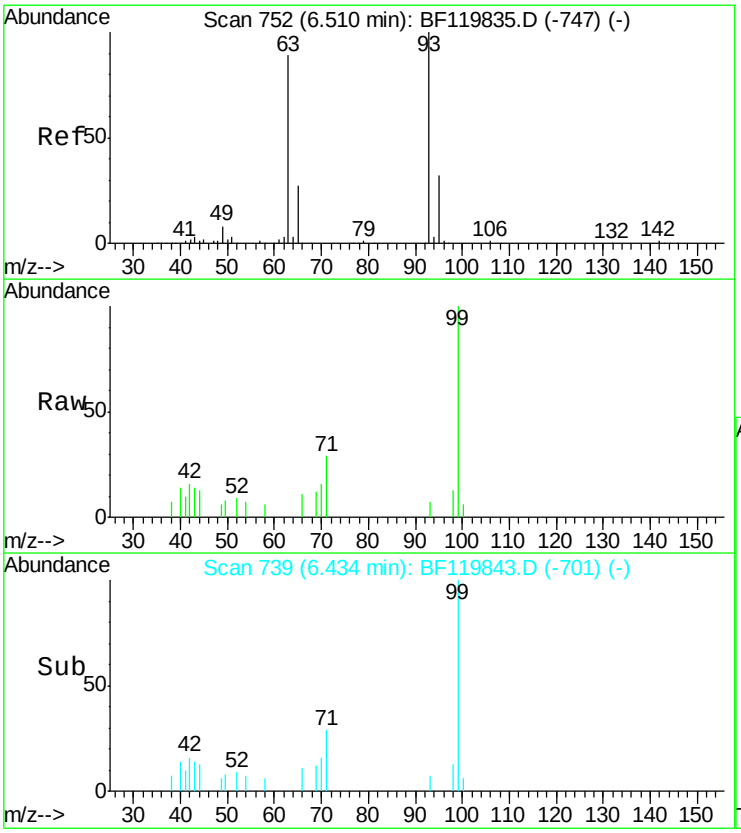
#9
Benzaldehyde
Concen: Below Cal
RT: 6.40 min Scan# 733
Delta R.T. 0.08 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 2436

Ion	Ratio	Lower	Upper
77	100		
105	0.0	79.9	119.9#
106	0.0	76.4	116.4#

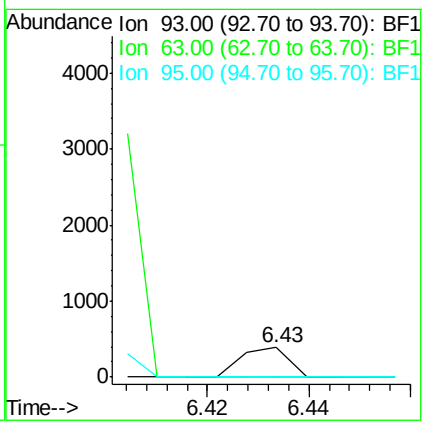


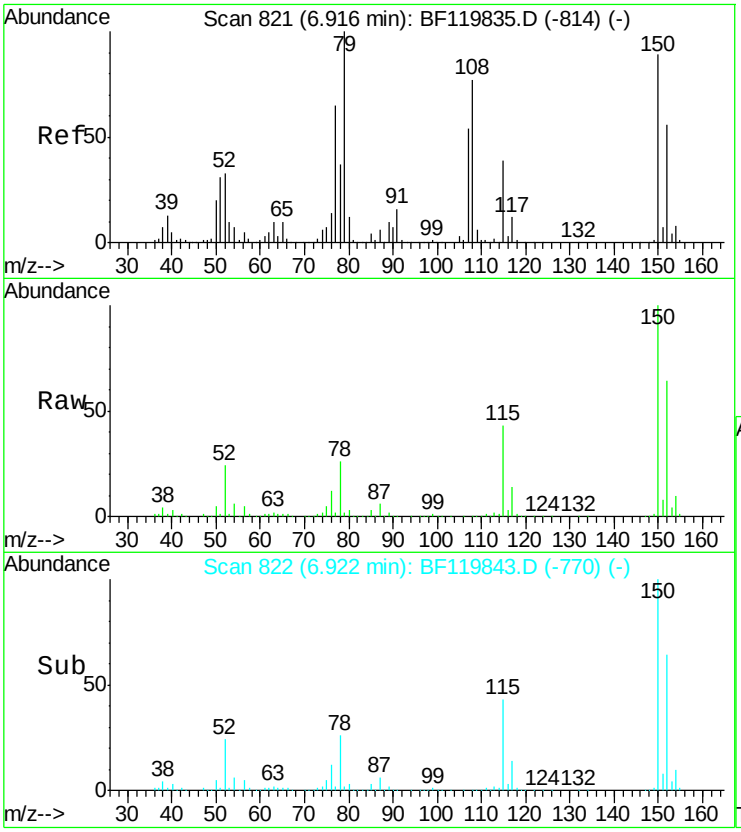


#11
bis(2-Chloroethyl)ether
Concen: 0.026 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.08 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Tgt Ion: 93 Resp: 252

Ion	Ratio	Lower	Upper
93	100		
63	0.0	69.1	109.1#
95	0.0	12.3	52.3#



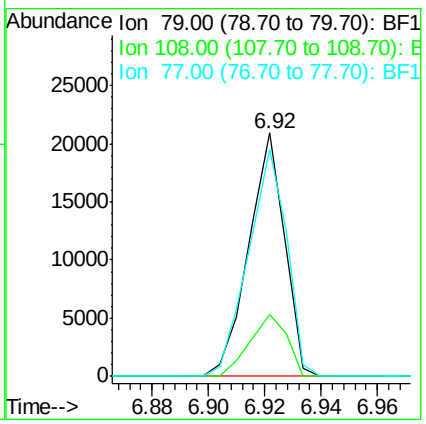


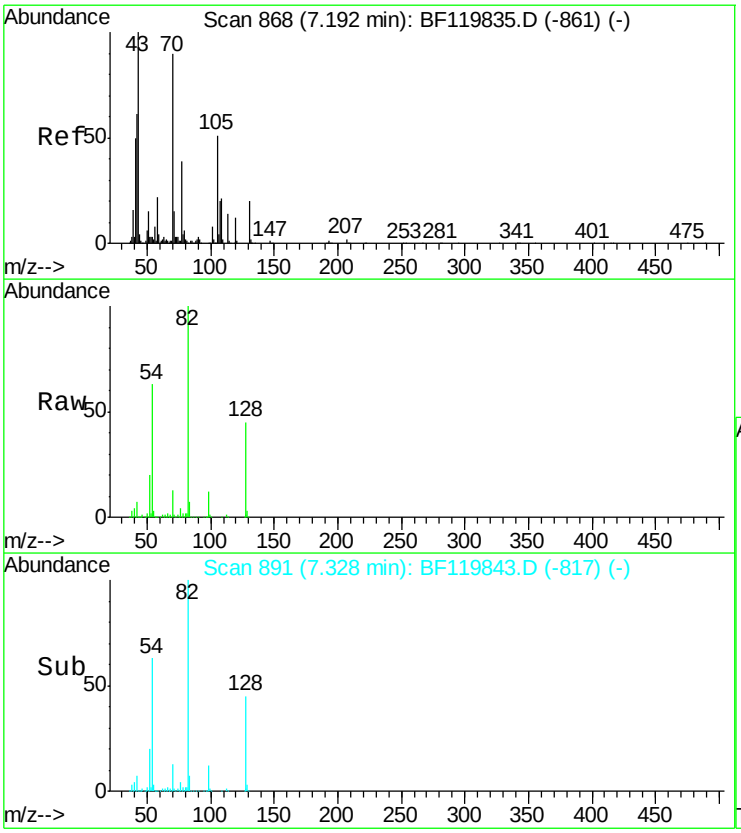
#15
Benzyl Alcohol
Concen: 2.150 ng
RT: 6.92 min Scan# 822
Delta R.T. 0.01 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 18433

Ion	Ratio	Lower	Upper
79	100		
108	25.5	62.0	93.0#
77	93.4	51.8	77.6#

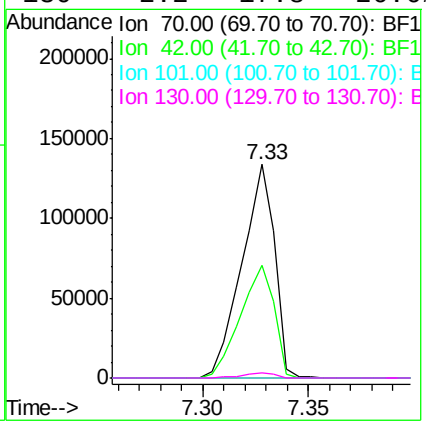


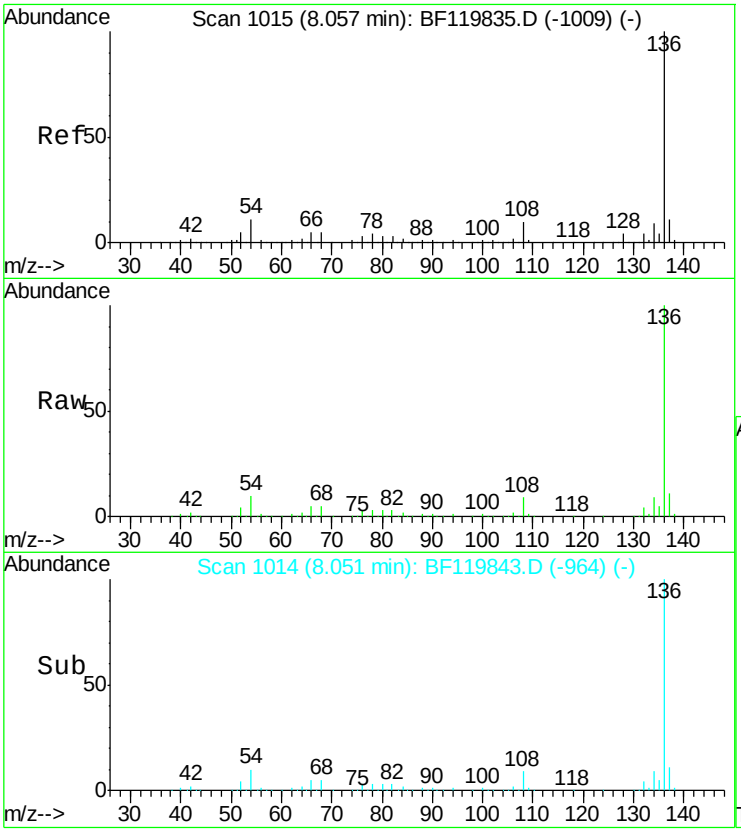


#19
n-Nitroso-di-n-propylamine
Concen: 20.267 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.14 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Tgt Ion: 70 Resp: 143838

Ion	Ratio	Lower	Upper
70	100		
42	52.8	54.2	81.4#
101	0.0	7.4	11.2#
130	2.2	17.8	26.6#



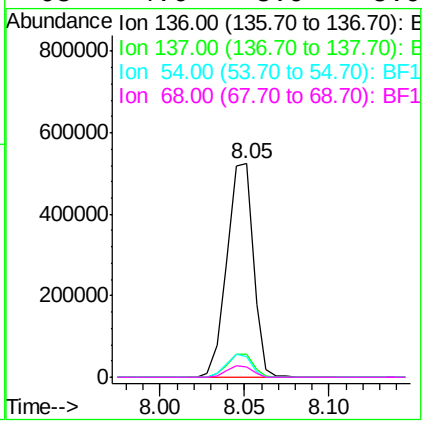


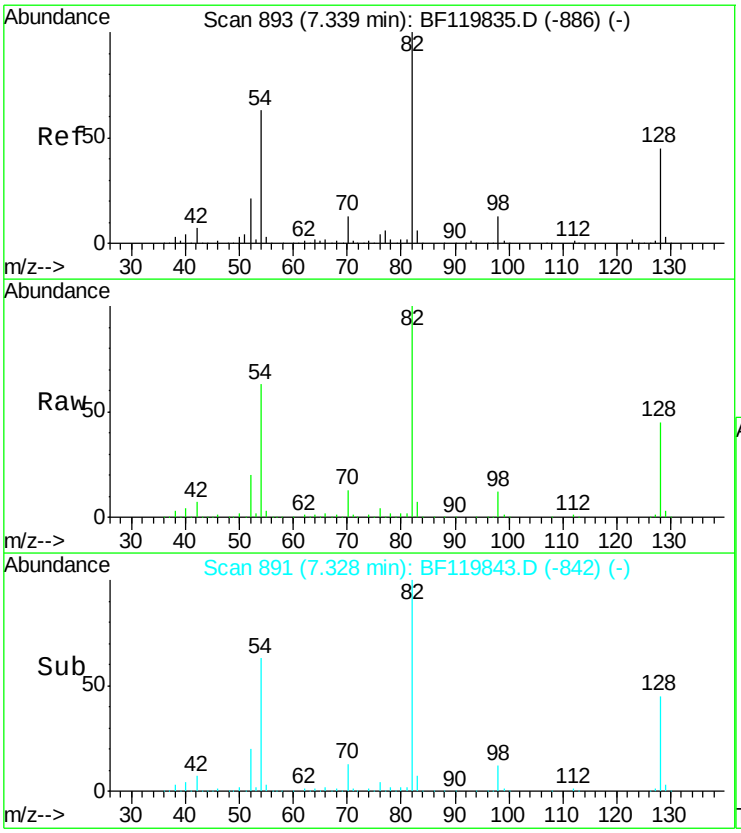
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 567683

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	9.6	8.5	12.7
68	4.6	3.9	5.9

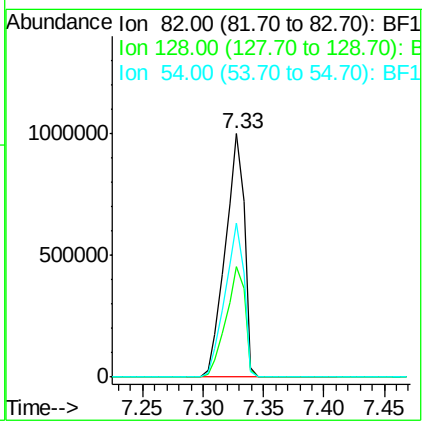


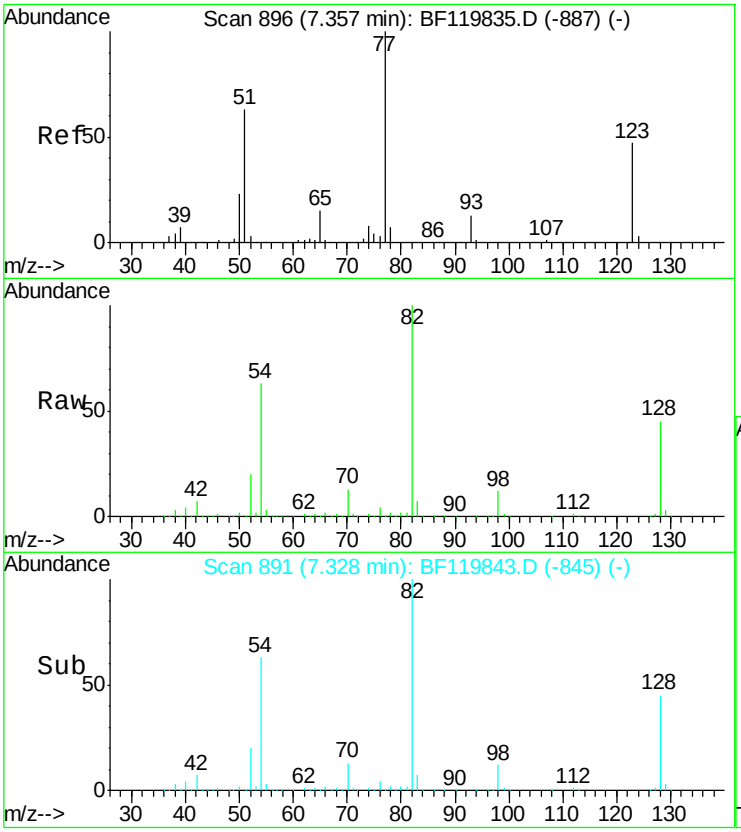


#23
Nitrobenzene-d5
Concen: 99.866 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Tgt Ion: 82 Resp: 1095844

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.2	54.4
54	63.4	50.4	75.6



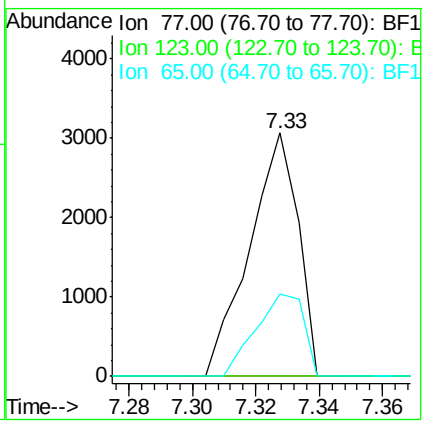


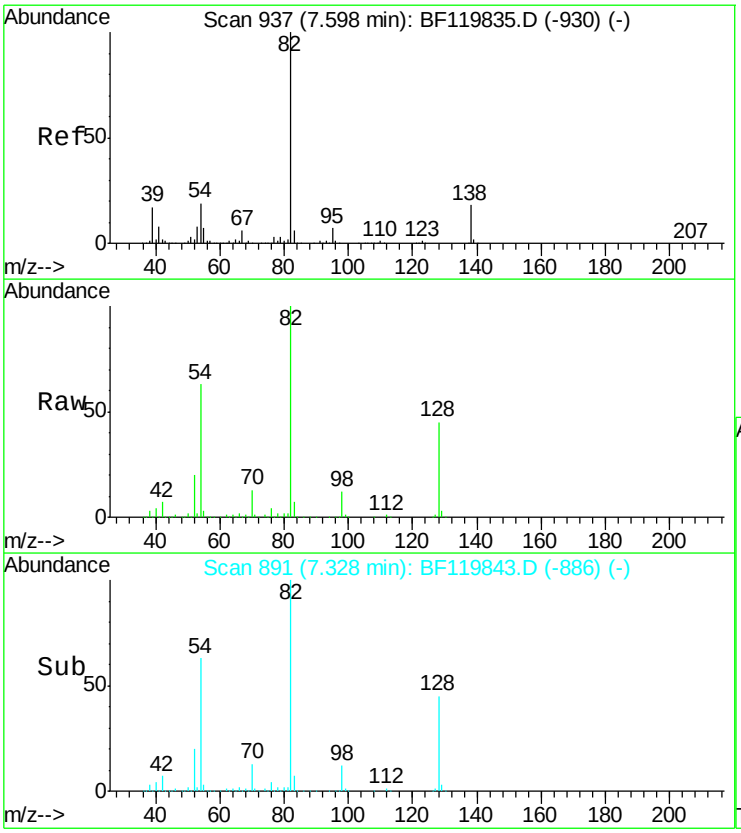
#24
Nitrobenzene
Concen: 0.295 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.03 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 3255

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.8	56.8#
65	33.6	12.2	18.2#

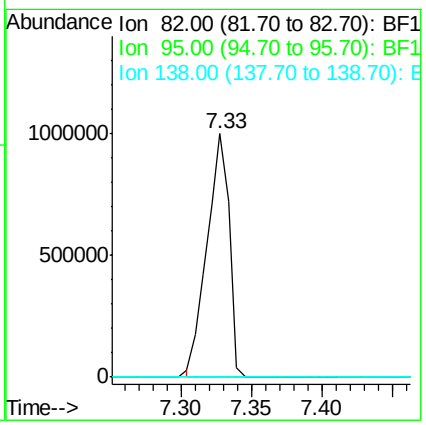


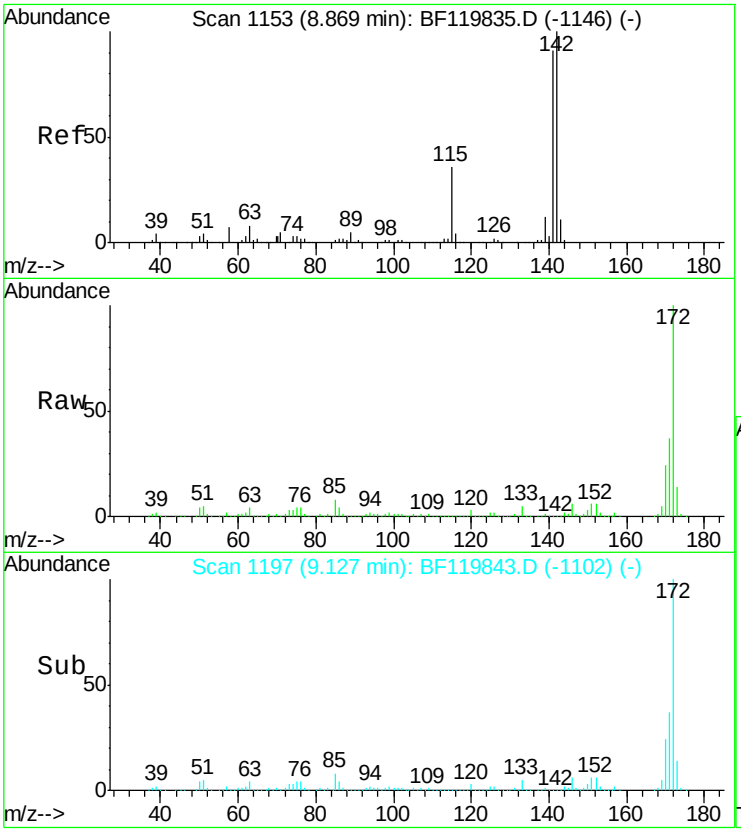


#25
Isophorone
Concen: 51.244 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.27 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Tgt Ion: 82 Resp: 1083966

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.5	21.7#



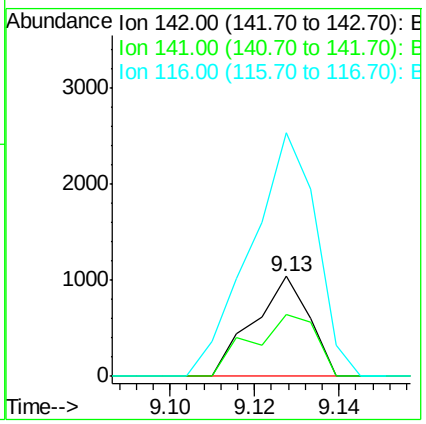


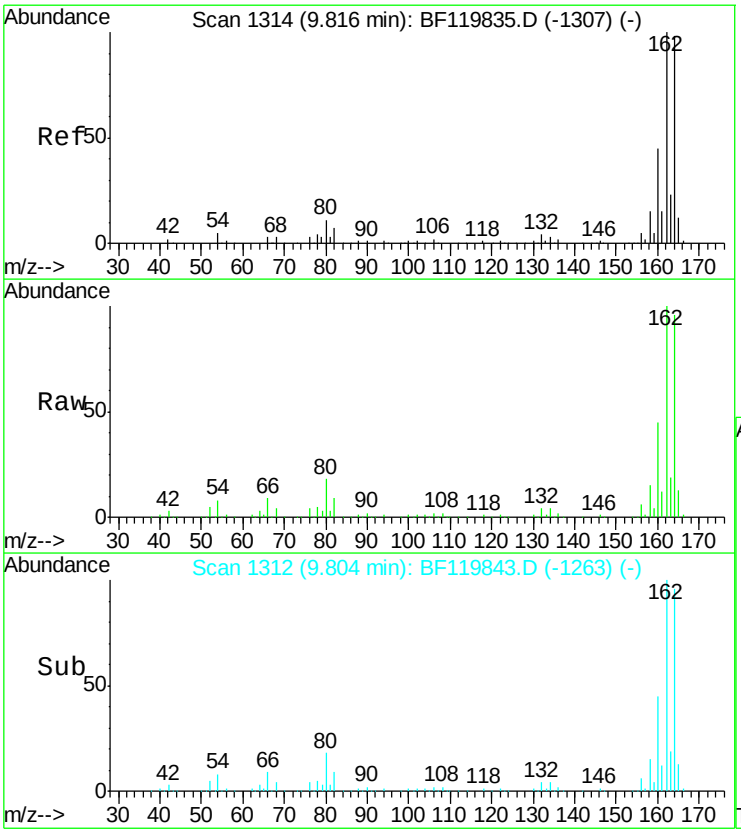
#38
1-Methylnaphthalene
Concen: 0.050 ng
RT: 9.13 min Scan# 1197
Delta R.T. 0.26 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 959

Ion	Ratio	Lower	Upper
142	100		
141	62.4	72.9	109.3#
116	243.1	3.0	4.6#

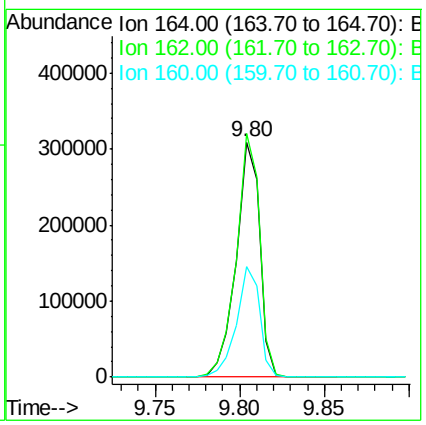


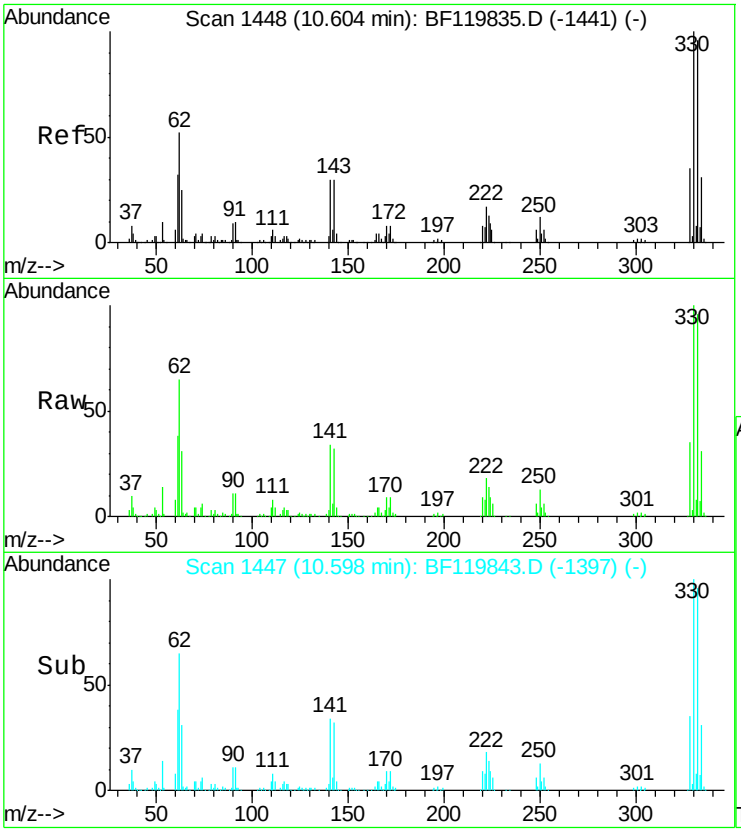


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Tgt Ion:164 Resp: 300262

Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.9	122.9
160	47.0	36.6	54.8



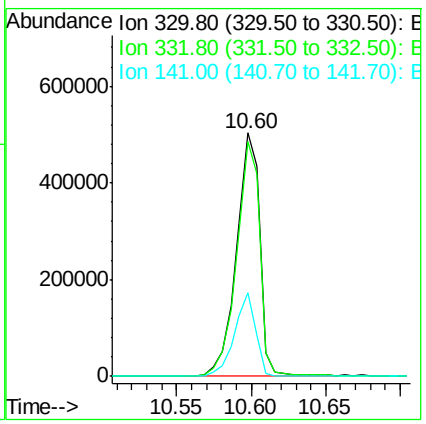


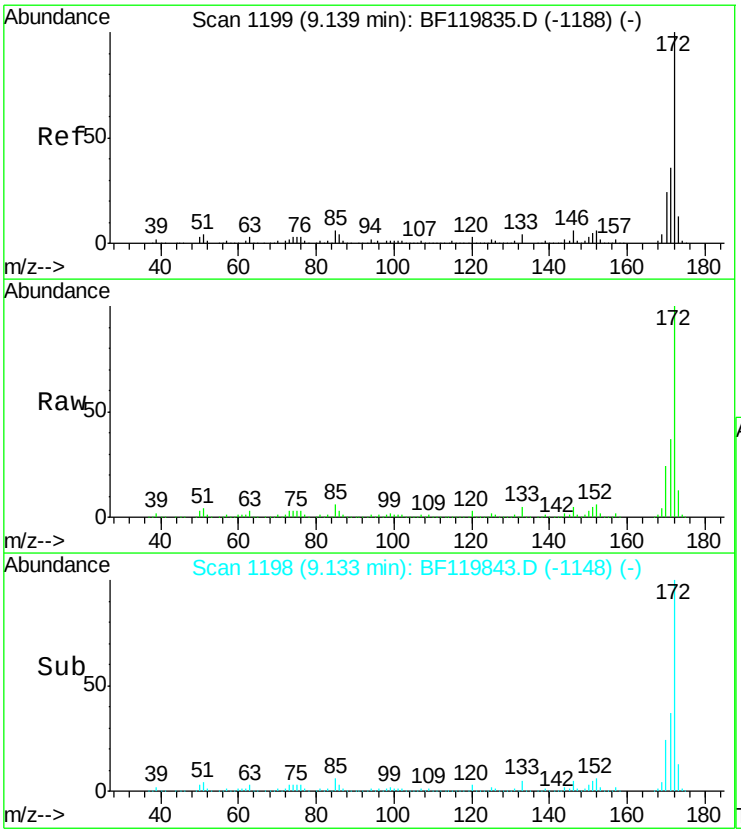
#42
2,4,6-Tribromophenol
Concen: 149.352 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 549053

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.8	115.2
141	31.8	25.1	37.7

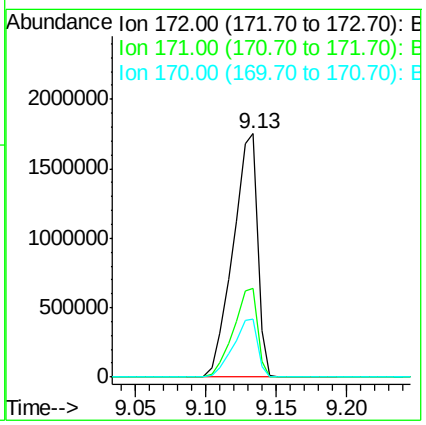


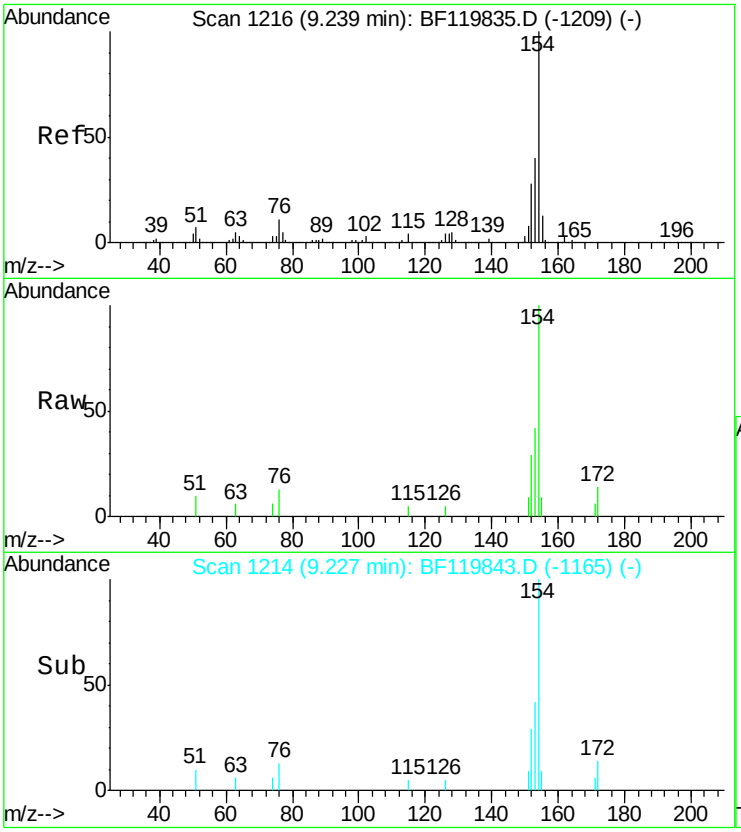


#45
2-Fluorobiphenyl
Concen: 100.055 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Tgt Ion:172 Resp: 2116011

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	23.9	19.4	29.2



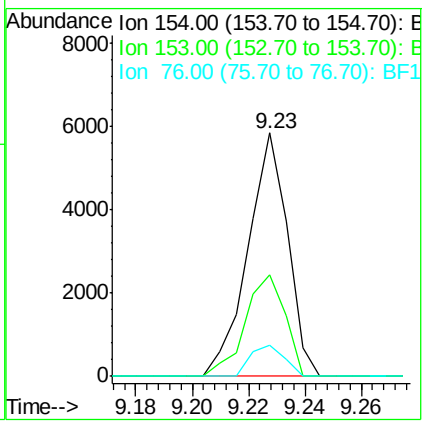


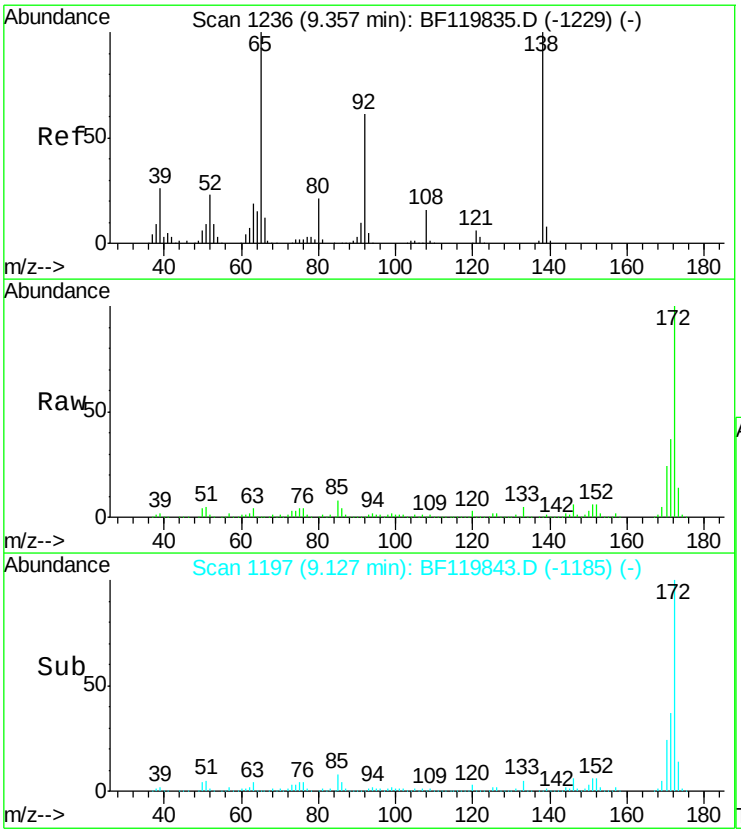
#46
1,1'-Biphenyl
Concen: 0.224 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 5689

Ion	Ratio	Lower	Upper
154	100		
153	41.7	20.5	60.5
76	12.8	0.0	30.6

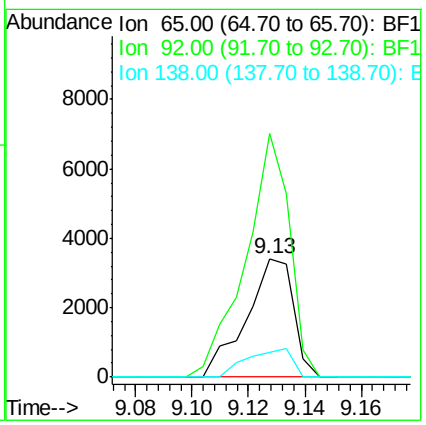


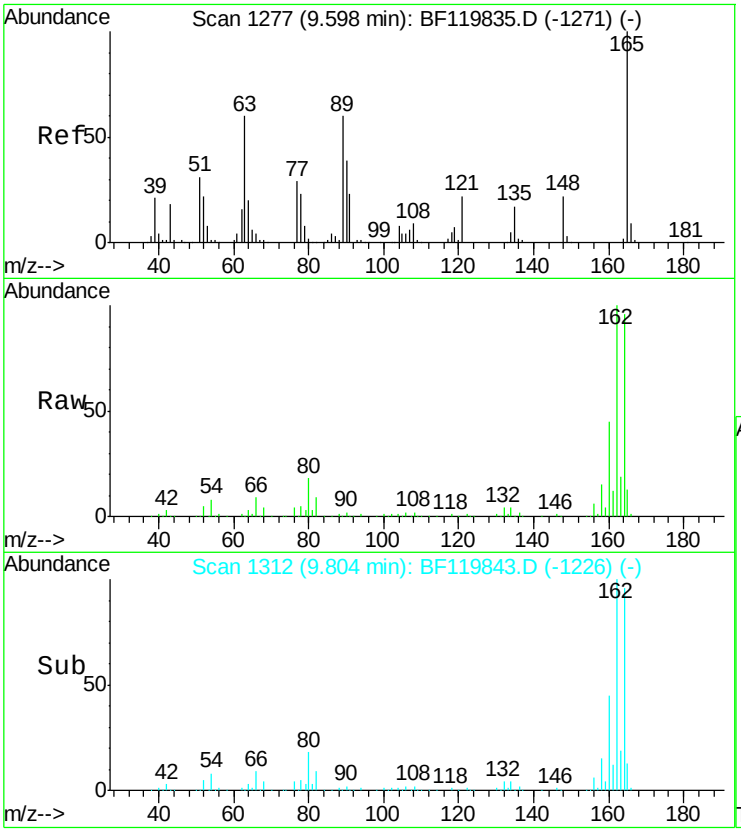


#48
2-Nitroaniline
Concen: 0.559 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.23 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Tgt Ion: 65 Resp: 3956

Ion	Ratio	Lower	Upper
65	100		
92	205.0	49.0	73.6#
138	21.3	79.7	119.5#



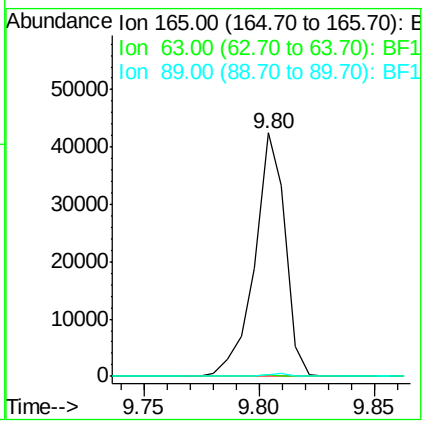


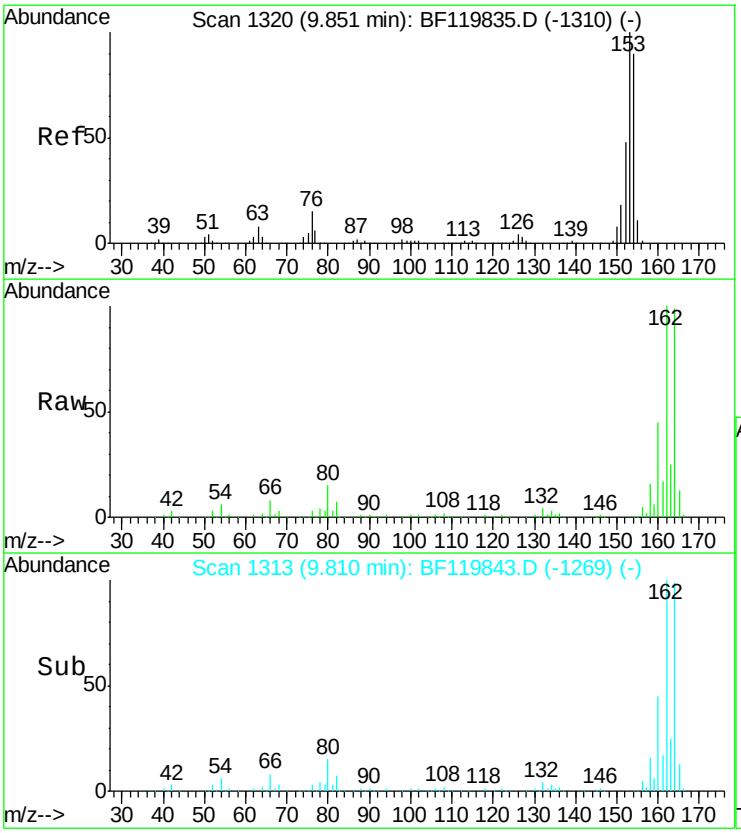
#51
2,6-Dinitrotoluene
Concen: 7.680 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.21 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 39060

Ion	Ratio	Lower	Upper
165	100		
63	0.7	55.6	83.4#
89	0.9	47.9	71.9#

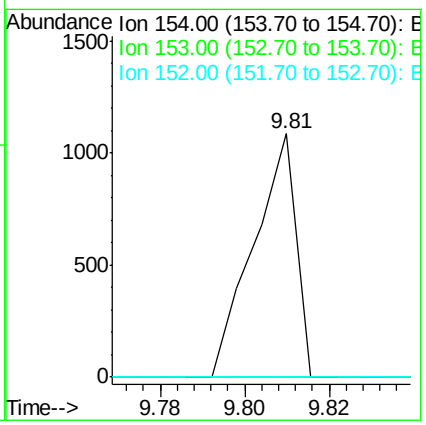


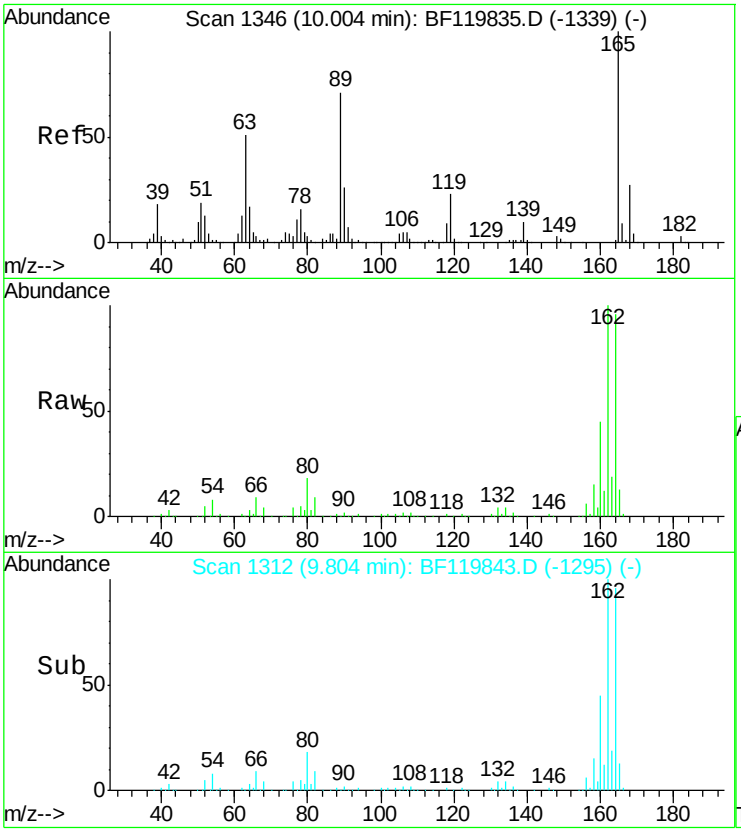


#52
Acenaphthene
Concen: 0.039 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.04 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Tgt Ion:154 Resp: 765

Ion	Ratio	Lower	Upper
154	100		
153	0.0	88.8	133.2#
152	0.0	42.4	63.6#



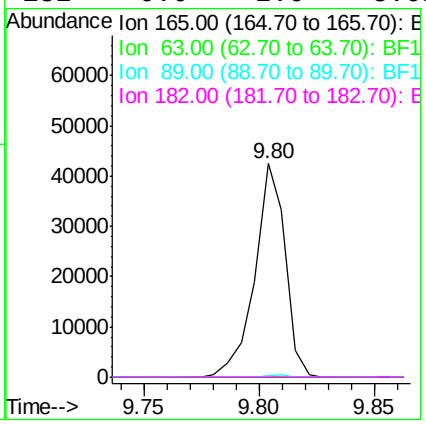


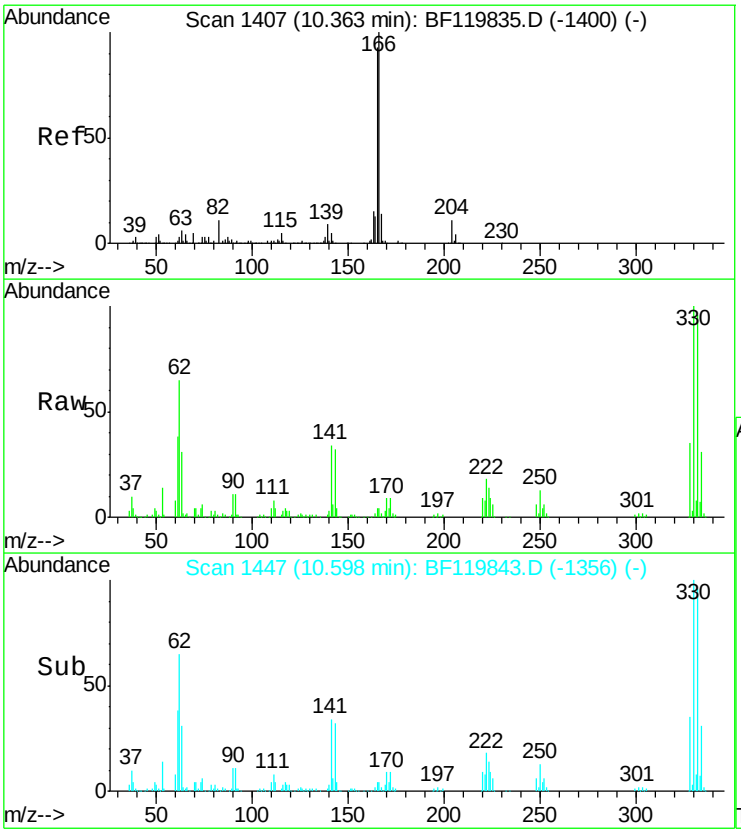
#57
2,4-Dinitrotoluene
Concen: 5.829 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.20 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 39060

Ion	Ratio	Lower	Upper
165	100		
63	0.7	40.8	61.2#
89	0.9	56.9	85.3#
182	0.0	2.0	3.0#

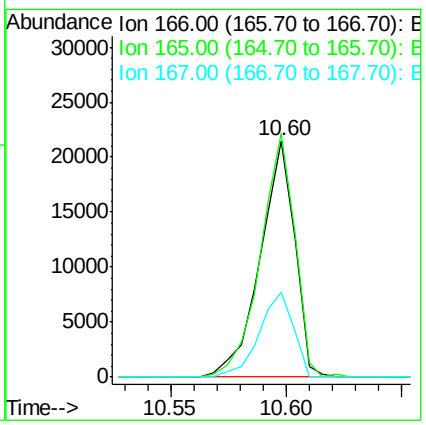


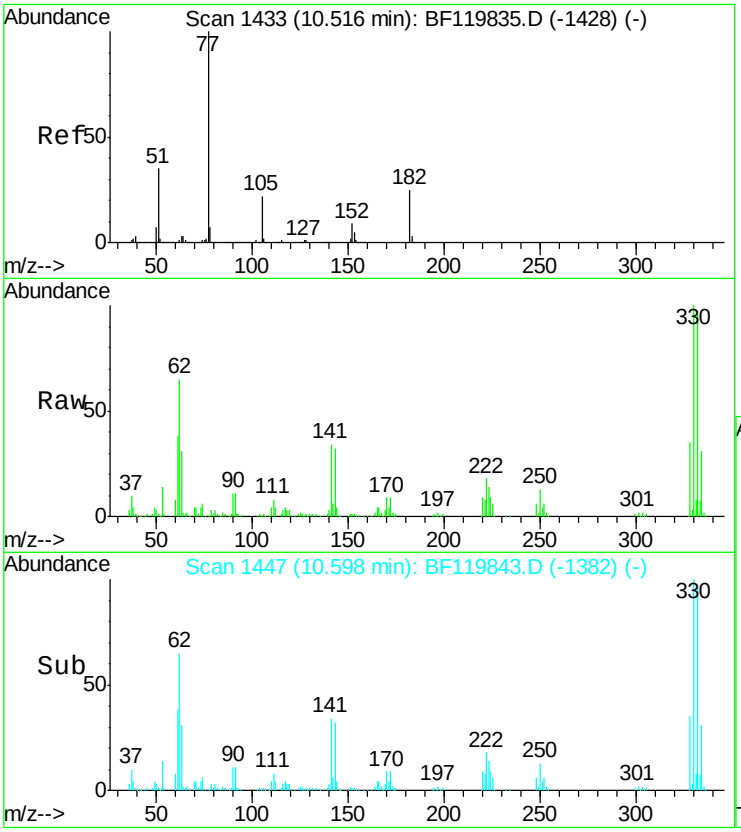


#58
Fluorene
Concen: 1.027 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.24 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Tgt Ion:166 Resp: 22317

Ion	Ratio	Lower	Upper
166	100		
165	102.9	74.2	111.2
167	35.8	10.8	16.2#



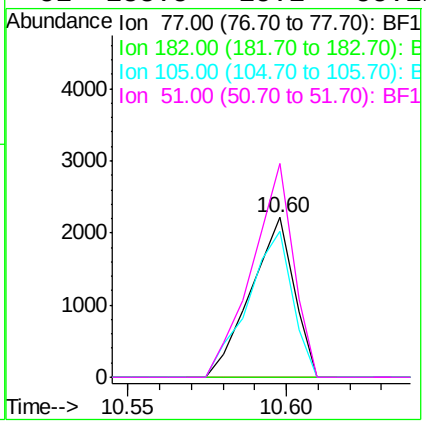


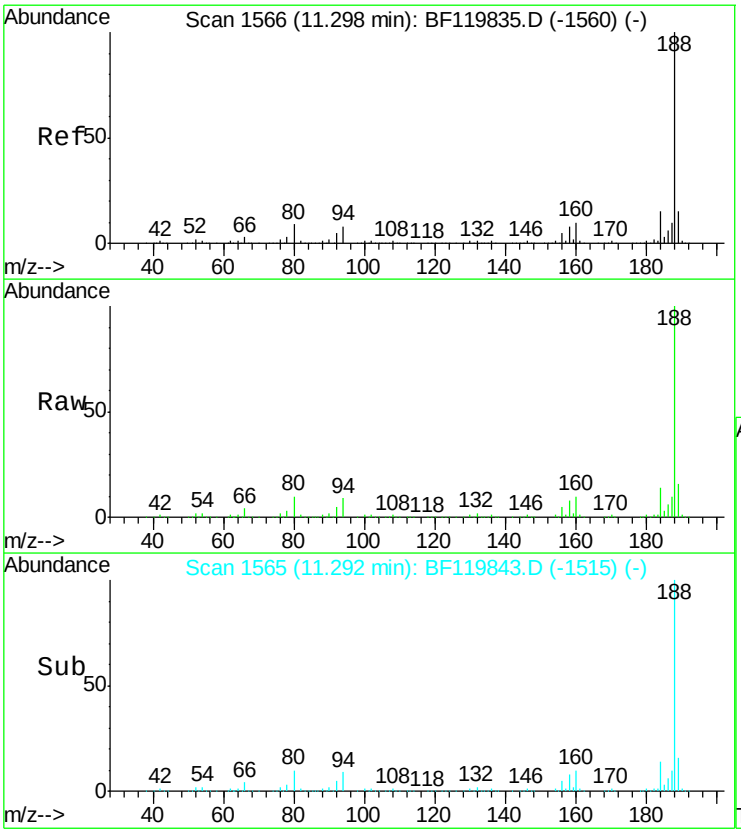
#63
Azobenzene
Concen: 0.098 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.08 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 2108

Ion	Ratio	Lower	Upper
77	100		
182	0.0	4.5	44.5#
105	91.1	2.2	42.2#
51	133.5	15.1	55.1#

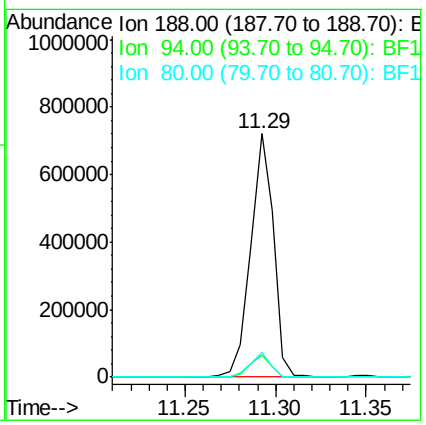


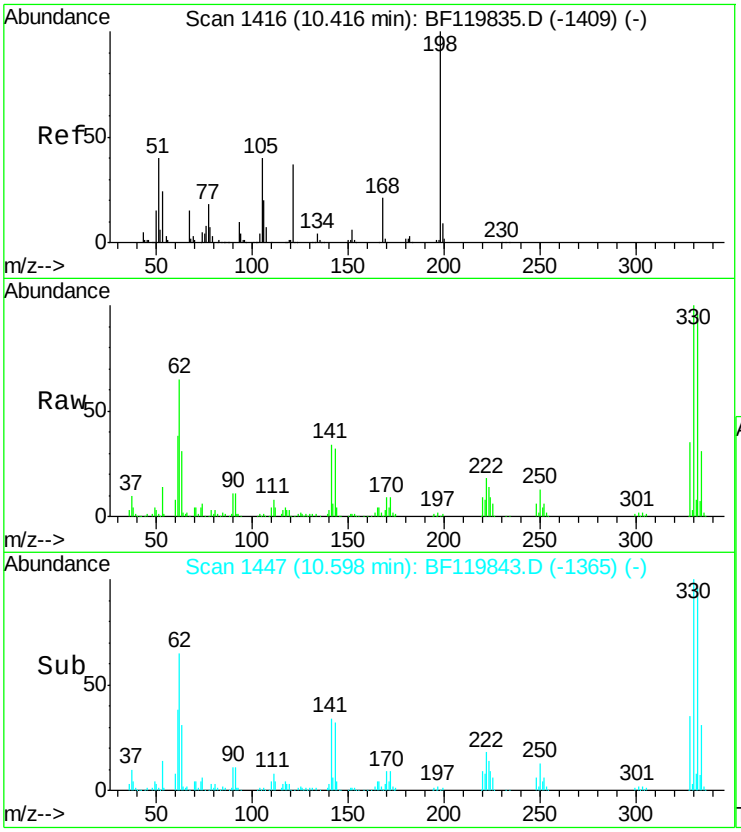


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Tgt Ion:188 Resp: 629254

Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.7	10.1
80	10.0	7.4	11.2



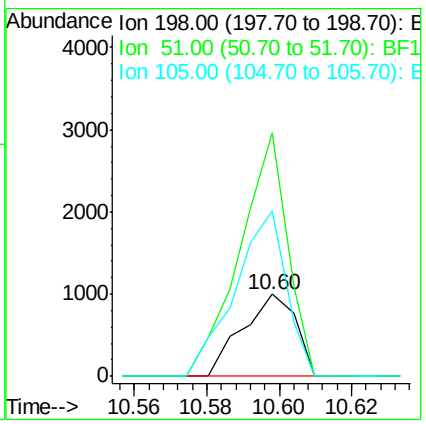


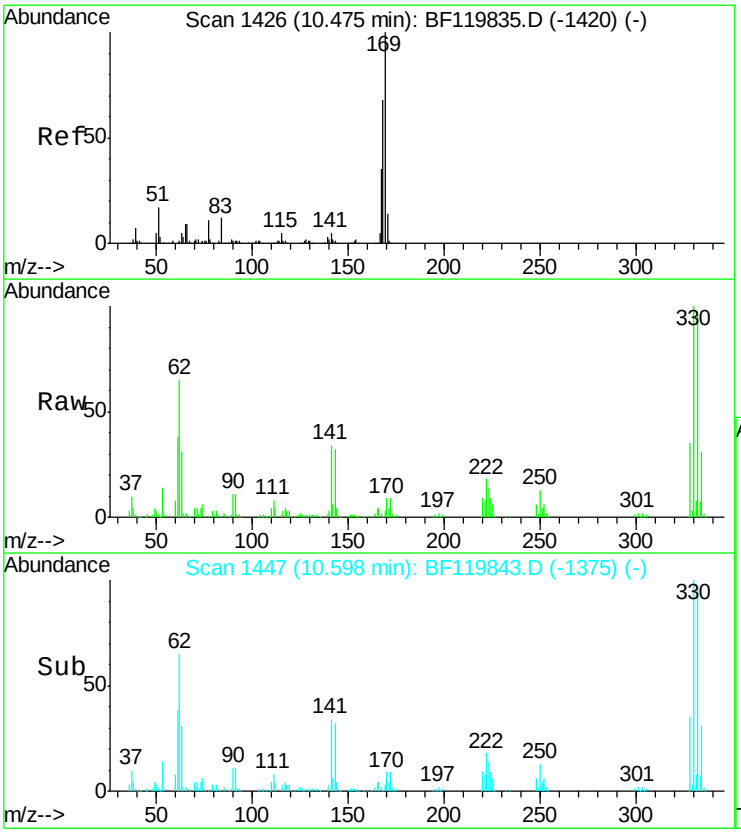
#65
4,6-Dinitro-2-methylphenol
Concen: 0.245 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.18 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 1017

Ion	Ratio	Lower	Upper
198	100		
51	298.0	25.2	65.2#
105	203.3	20.8	60.8#

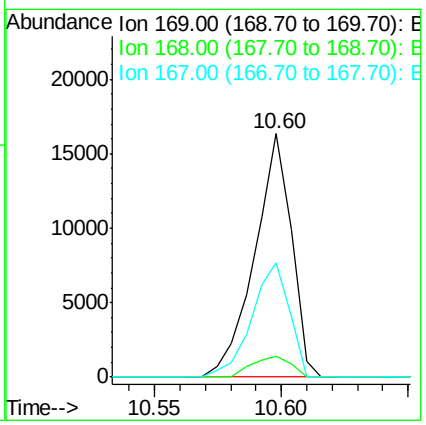


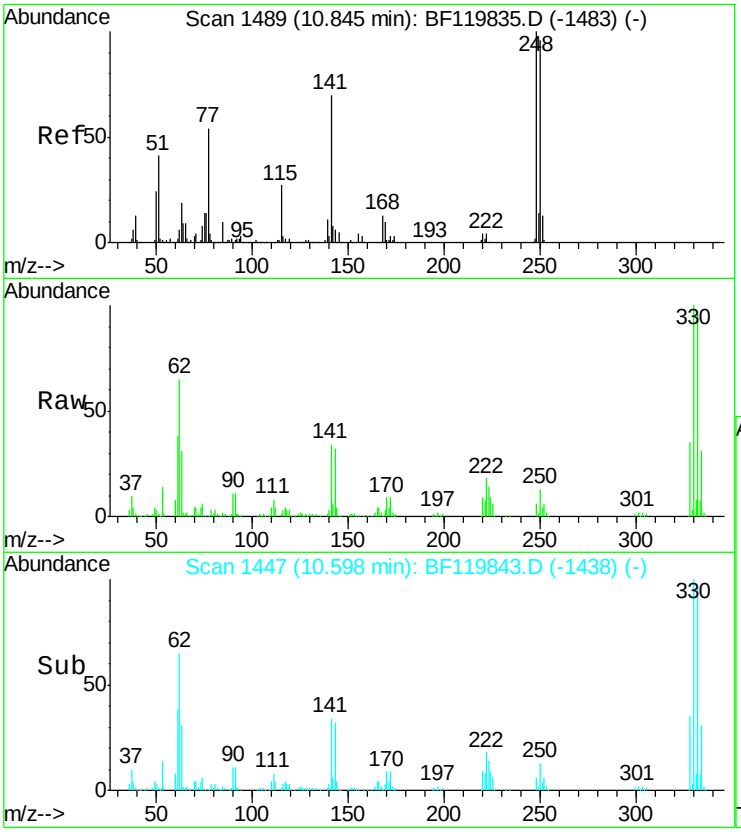


#66
n-Nitrosodiphenylamine
Concen: 0.785 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.12 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Tgt Ion:169 Resp: 16430

Ion	Ratio	Lower	Upper
169	100		
168	8.3	54.2	81.4#
167	47.1	28.3	42.5#



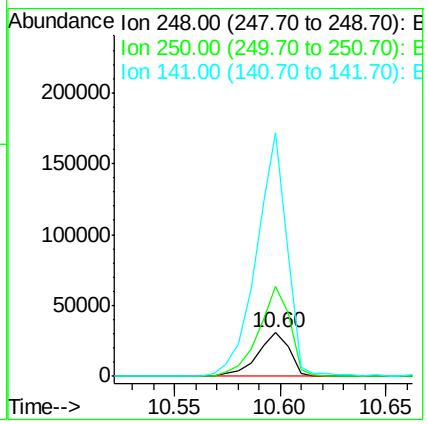


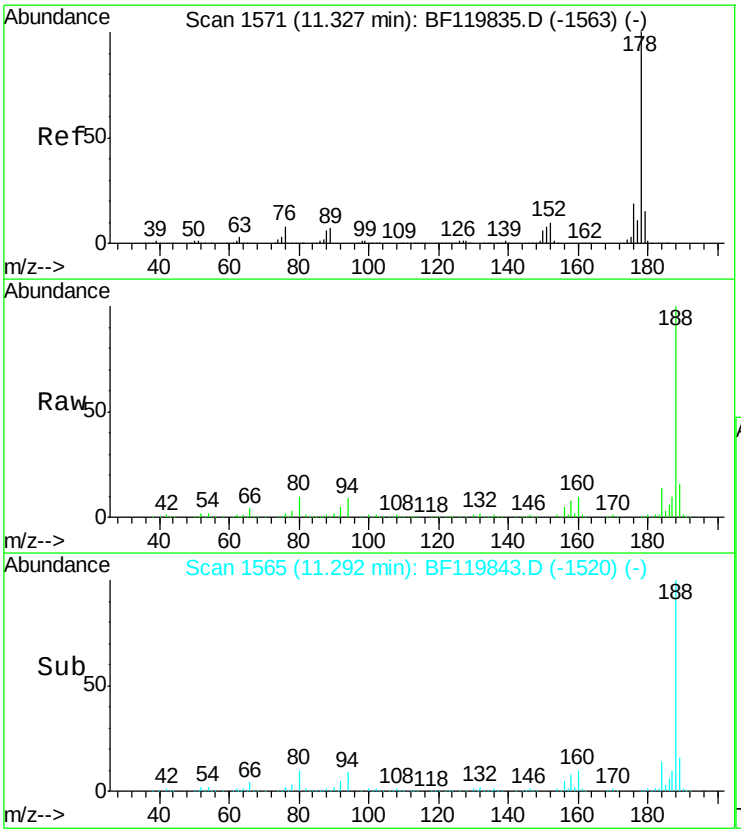
#67
4-Bromophenyl-phenylether
Concen: 4.160 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.25 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 32555

Ion	Ratio	Lower	Upper
248	100		
250	206.9	76.6	114.8#
141	558.2	55.9	83.9#

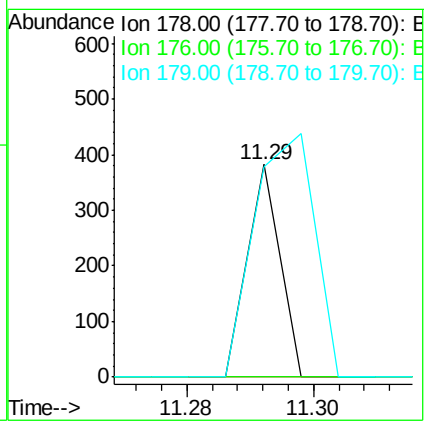


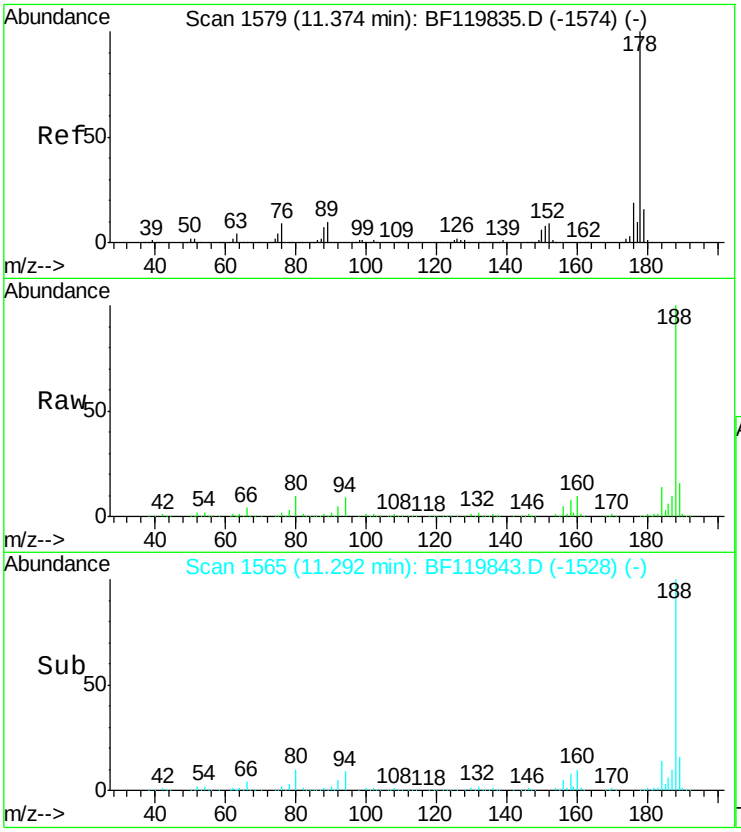


#71
Phenanthrene
Concen: 0.004 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.04 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Tgt Ion:178 Resp: 135

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.1	22.7#
179	99.0	12.2	18.4#



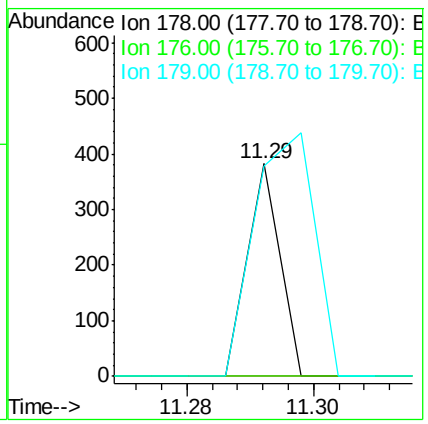


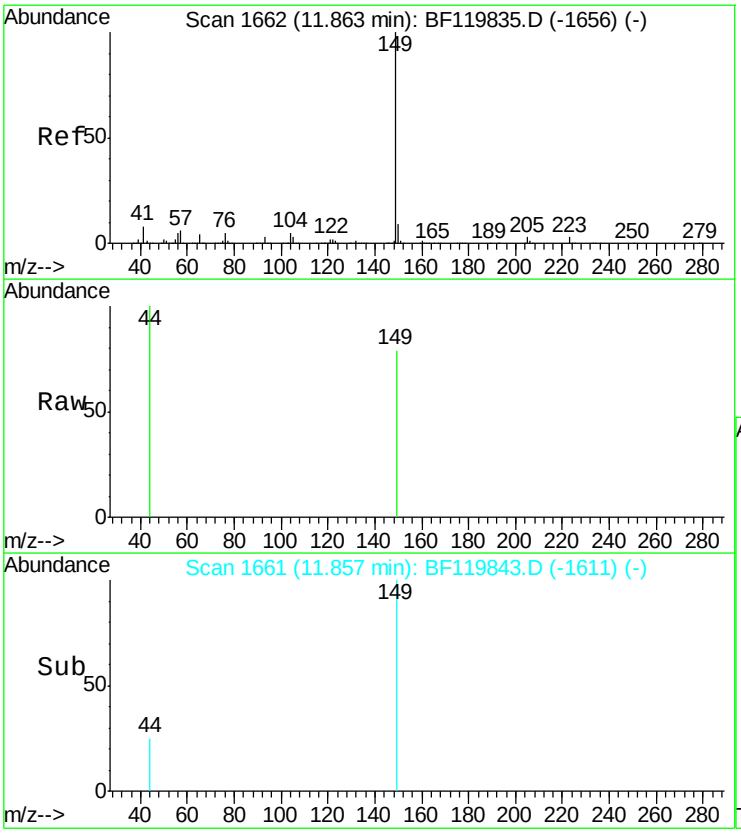
#72
Anthracene
Concen: 0.004 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.08 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 135

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.4	23.2#
179	99.0	12.8	19.2#

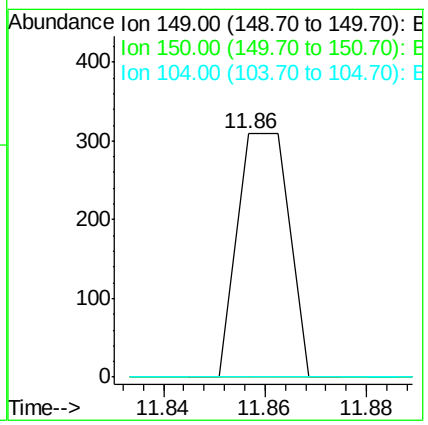


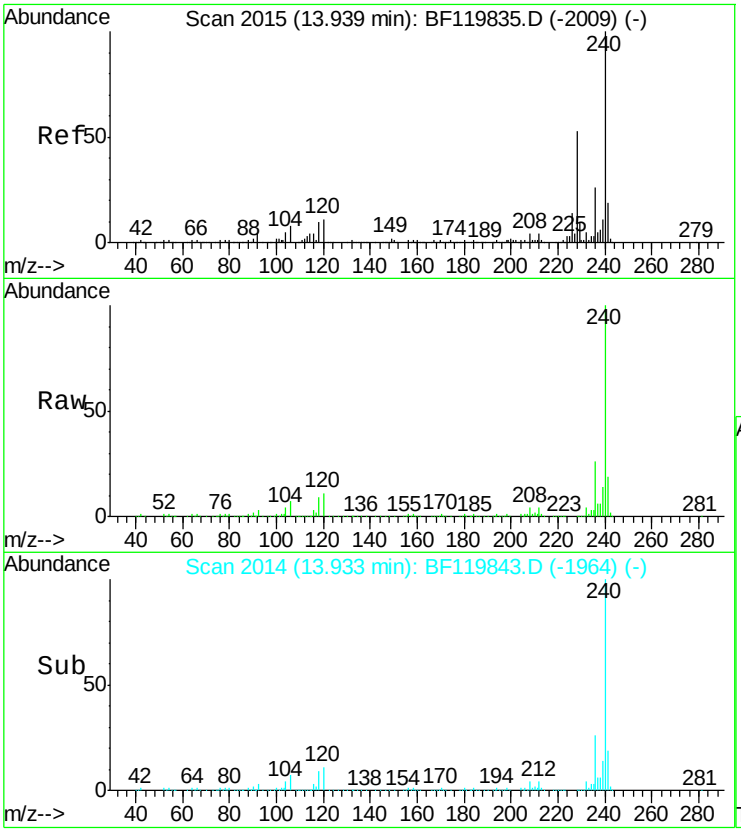


#74
Di-n-butylphthalate
Concen: 0.005 ng
RT: 11.86 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Tgt Ion:149 Resp: 218

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.6	11.4#
104	0.0	3.8	5.6#



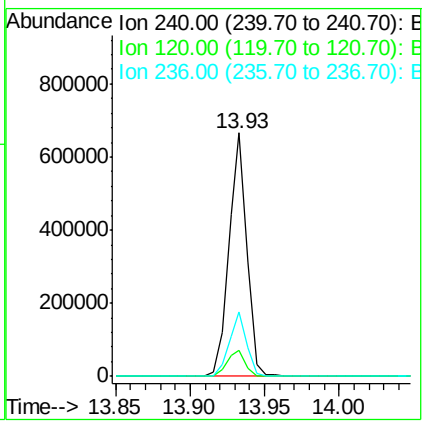


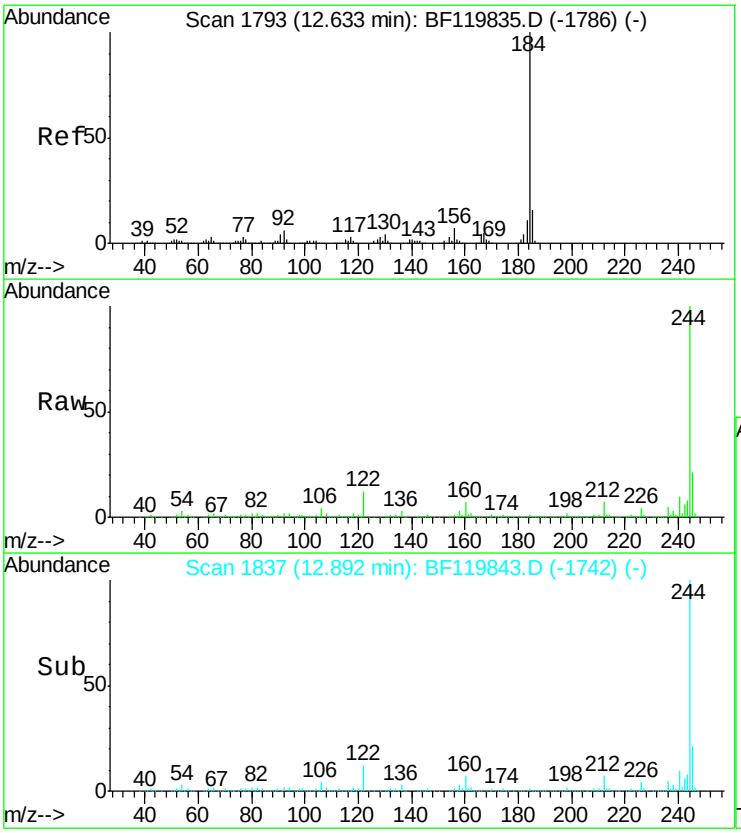
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 564813

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.0	13.6
236	26.3	20.7	31.1

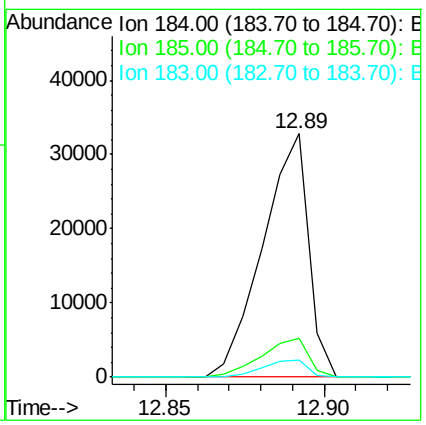


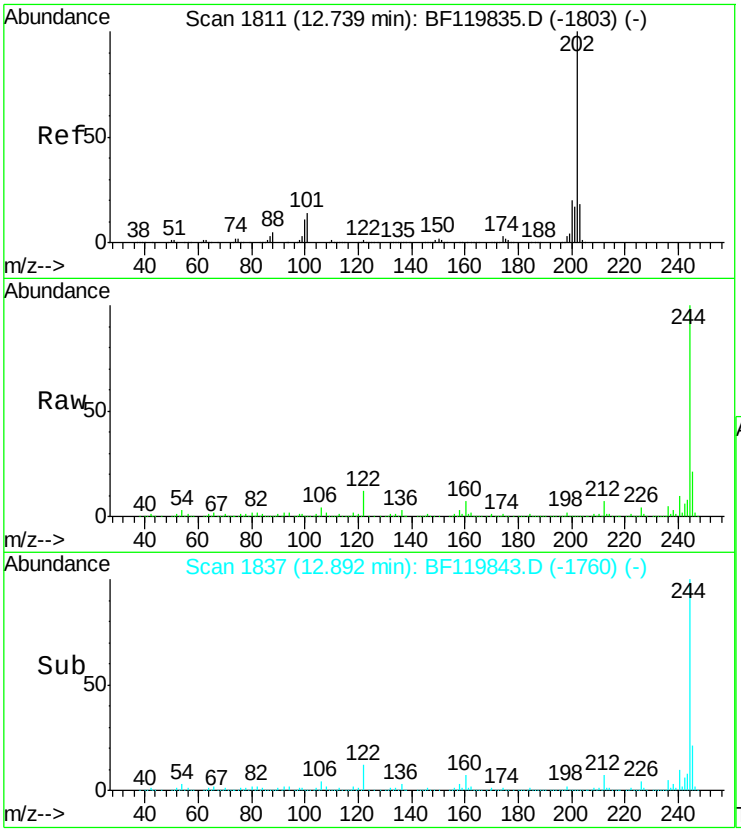


#77
Benzidine
Concen: 1.724 ng
RT: 12.89 min Scan# 1837
Delta R.T. 0.26 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Tgt Ion:184 Resp: 32923

Ion	Ratio	Lower	Upper
184	100		
185	15.9	13.2	19.8
183	6.9	9.1	13.7#



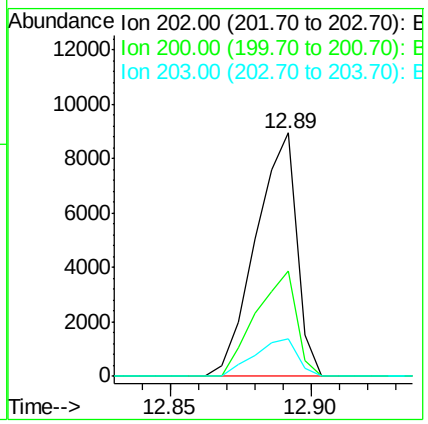


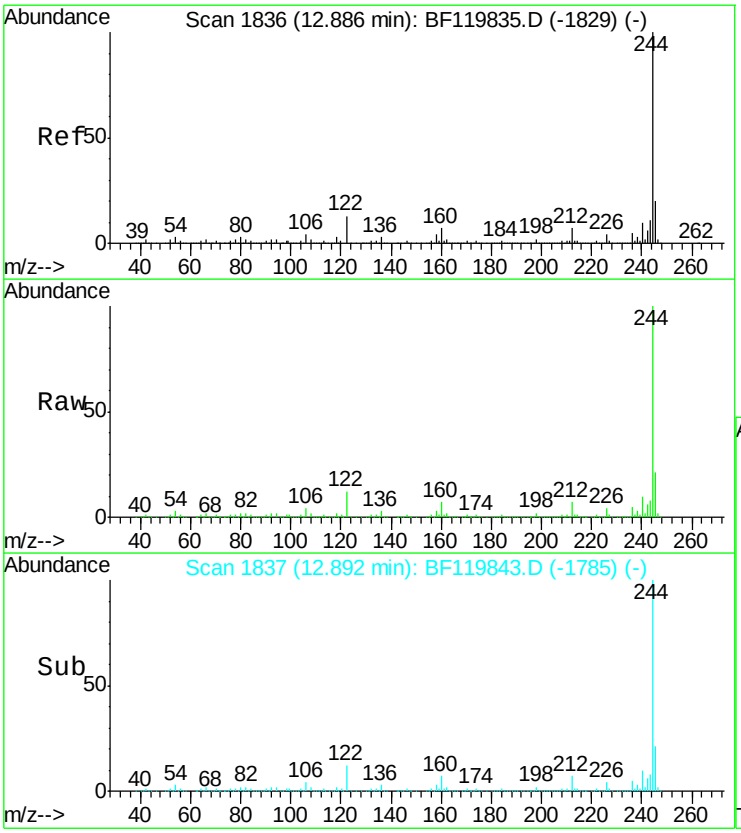
#78
Pyrene
Concen: 0.189 ng
RT: 12.89 min Scan# 1837
Delta R.T. 0.15 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 9013

Ion	Ratio	Lower	Upper
202	100		
200	43.2	16.2	24.2#
203	15.6	14.1	21.1

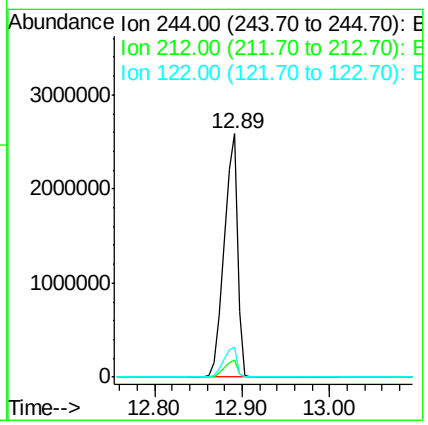


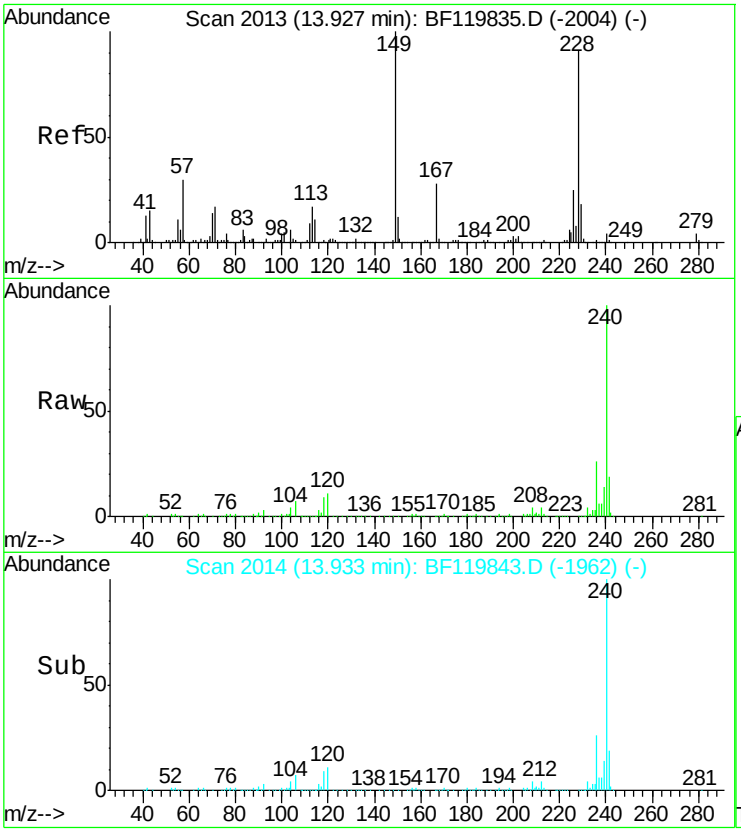


#79
Terphenyl-d14
Concen: 81.966 ng
RT: 12.89 min Scan# 1837
Delta R.T. 0.01 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Tgt Ion:244 Resp: 2751325

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.4	10.3	15.5



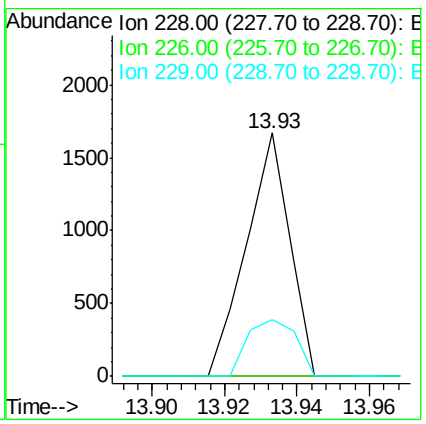


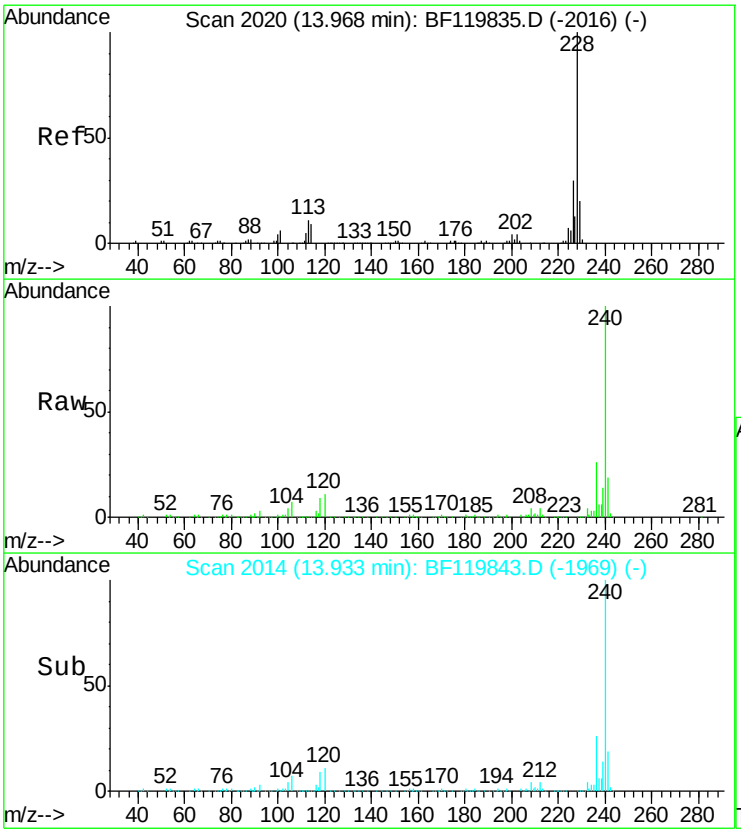
#81
Benzo(a)anthracene
Concen: 0.037 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 1387

Ion	Ratio	Lower	Upper
228	100		
226	0.0	21.9	32.9#
229	23.2	15.9	23.9

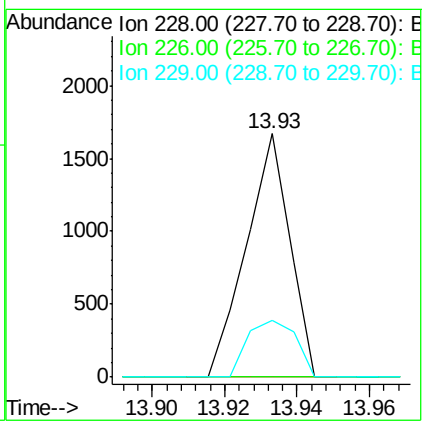


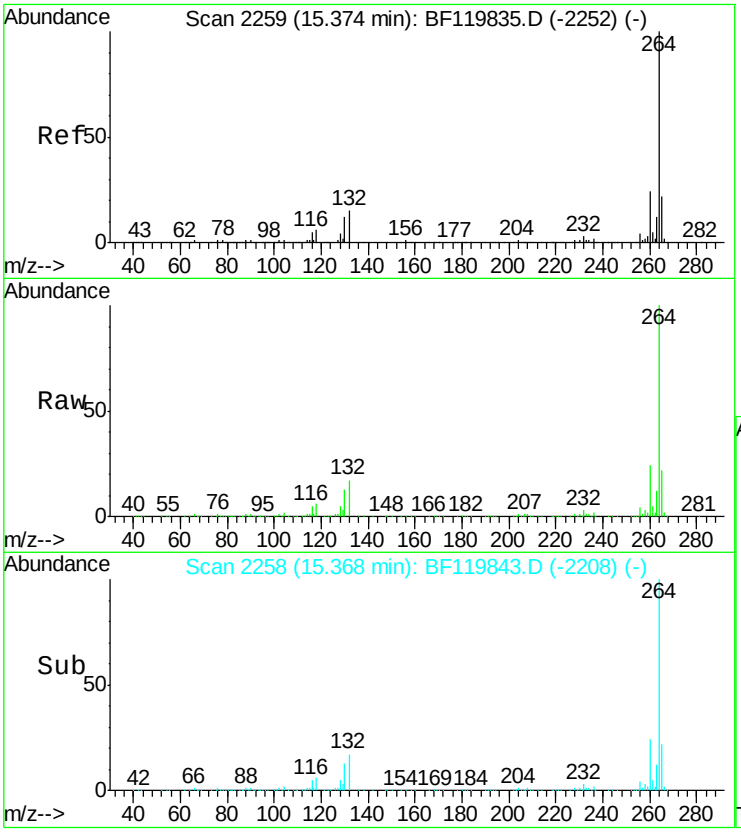


#83
Chrysene
Concen: 0.037 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.04 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Tgt Ion:228 Resp: 1387

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.2	36.2#
229	23.2	15.9	23.9



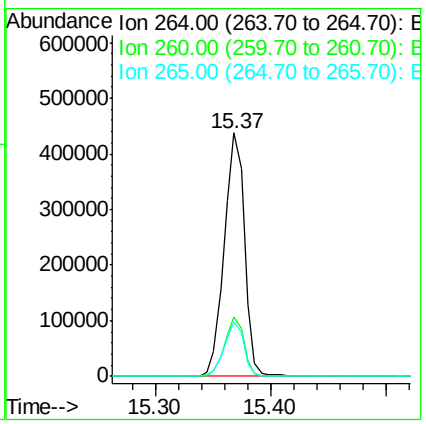


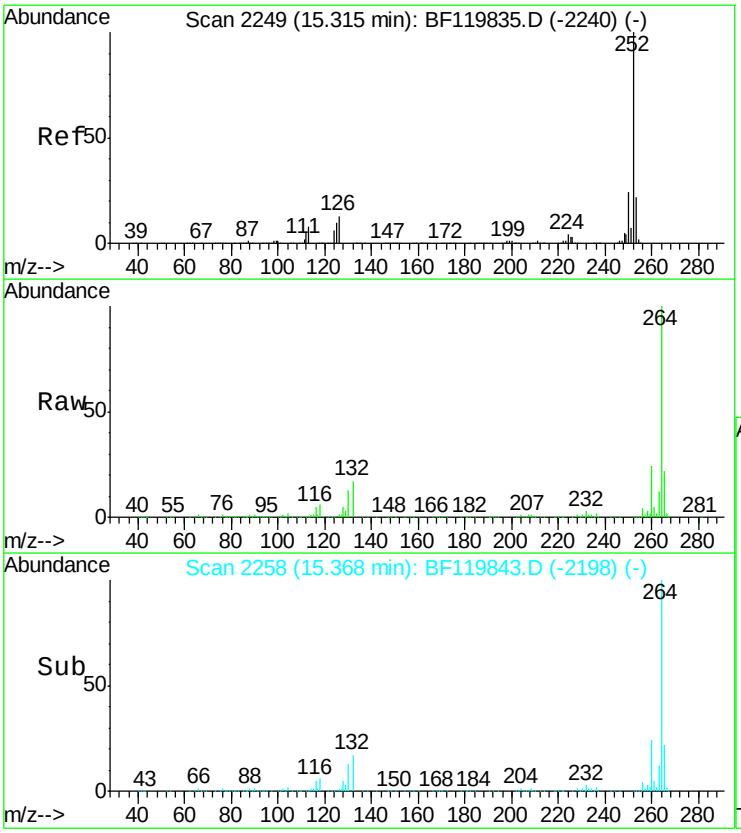
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 533367

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	22.1	17.6	26.4





#90
Benzo(a)pyrene
Concen: 0.054 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.05 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Tgt Ion:252 Resp: 1751

Ion	Ratio	Lower	Upper
252	100		
253	37.9	17.4	26.2#
125	0.0	8.3	12.5#