Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
Data File : BF117993.D
Acq On : 26 Nov 2019 4:05
Operator : JU
Sample : K5676-31 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 26 06:06:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 05:38:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	162521	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	594092	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	304523	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	446635	20.00	ng		0.00
76) Chrysene-d12	14.09	240	268530	20.00	ng		0.00
87) Perylene-d12	15.59	264	326899	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	399074	43.47	ng		0.00
7) Phenol-d6	6.51	99	568048	51.29	ng		-0.01
23) Nitrobenzene-d5	7.45	82	316687	31.69	ng		-0.01
42) 2,4,6-Tribromophenol	10.73	330	102142	31.68	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	631079	37.18	ng		0.00
79) Terphenyl-d14	13.02	244	438191	29.82	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.51	77	1162	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.45	70	41190	6.029	ng	#	73
25) Isophorone	7.45	82	313218	17.100	ng	#	62
37) 2-Methylnaphthalene	8.89	142	37630	2.011	ng		97
38) 1-Methylnaphthalene	8.99	142	45259	2.558	ng		100
50) Dimethylphthalate	9.65	163	114798	5.376	ng		97
54) 2,4-Dinitrophenol	9.98	184	584	7.446	ng	#	1
58) Fluorene	10.49	166	59893	3.215	ng		98
71) Phenanthrene	11.46	178	391177	17.420	ng		98
72) Anthracene	11.51	178	115252	5.177	ng		97
75) Fluoranthene	12.65	202	371352	12.771	ng		99
78) Pyrene	12.89	202	410769	18.928	ng		98
81) Benzo(a)anthracene	14.07	228	156003	8.791	ng		97
83) Chrysene	14.11	228	129319	7.521	ng		97
86) Indeno(1,2,3-cd)pyrene	17.11	276	48817	3.336	ng	#	94
88) Benzo(b)fluoranthene	15.14	252	223733	10.534	ng	#	94
89) Benzo(k)fluoranthene	15.14	252	223733	11.180	ng	#	92
90) Benzo(a)pyrene	15.52	252	133307	7.138	ng	#	95
92) Benzo(g,h,i)perylene	17.57	276	46098	2.879	ng		97

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

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Misc :
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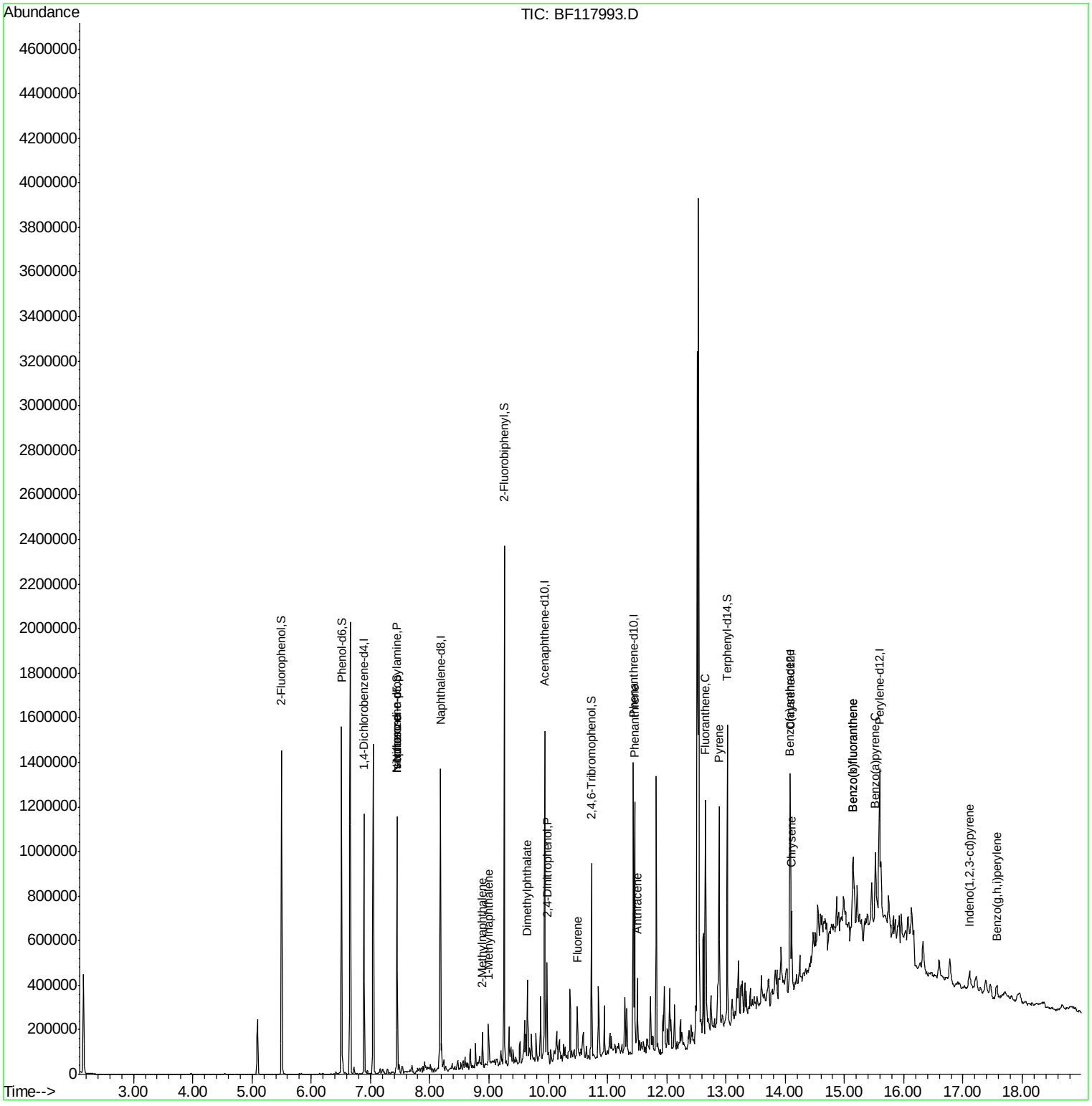
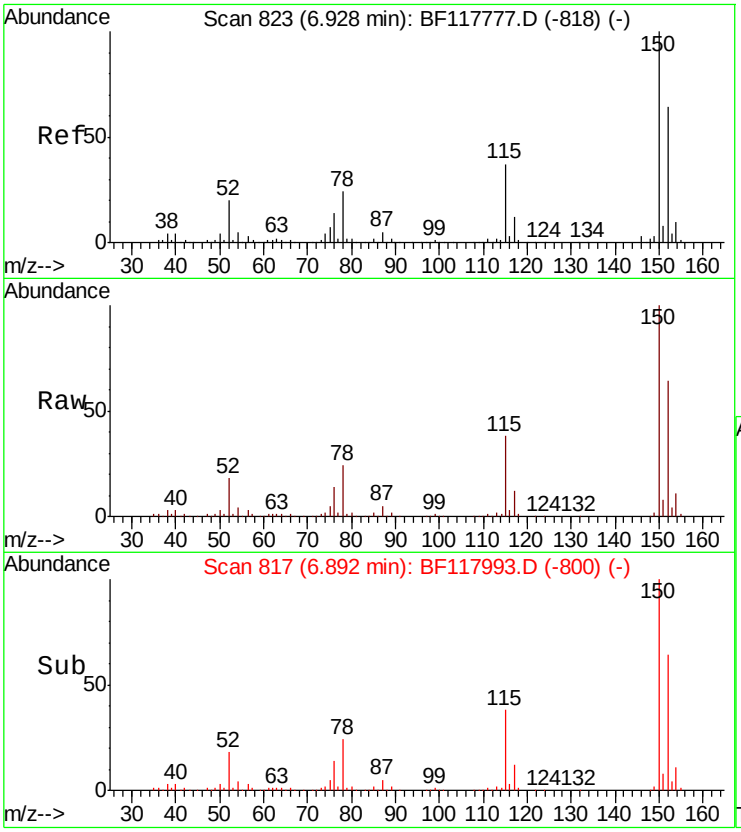


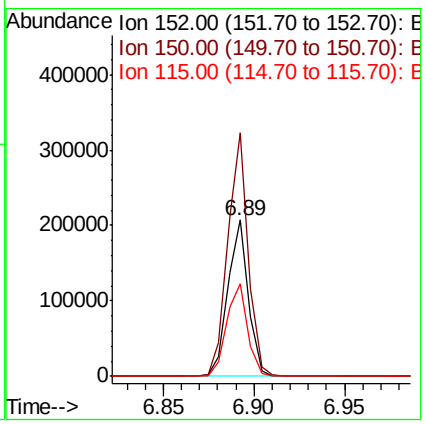


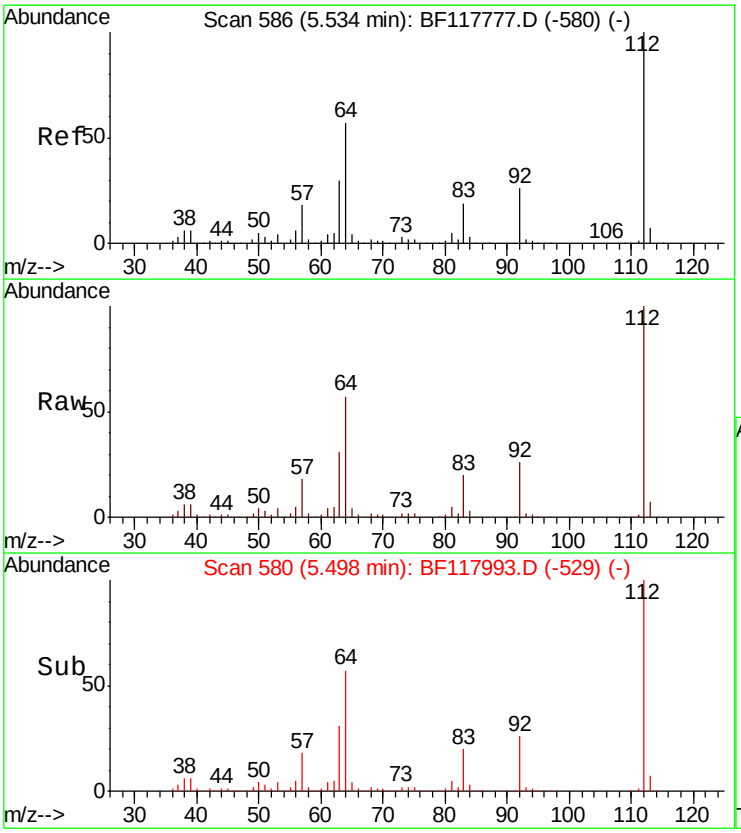
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF117993.D
Acq: 26 Nov 2019 4:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 162521

Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.3	187.9
115	59.2	47.0	70.4

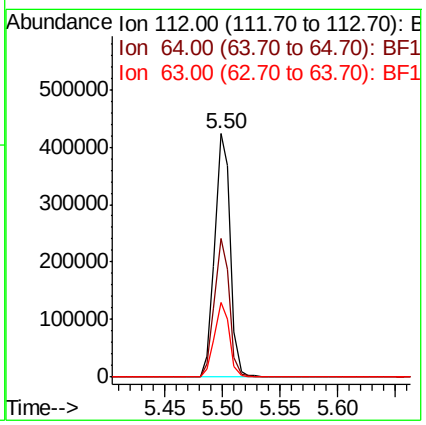


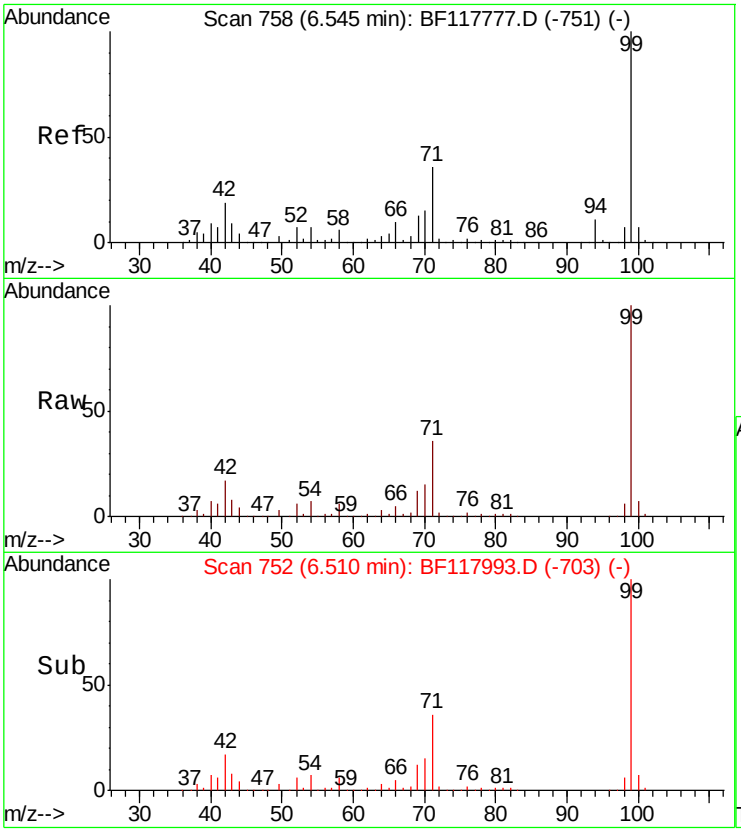


#5
2-Fluorophenol
Concen: 43.465 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF117993.D
Acq: 26 Nov 2019 4:05

Tgt Ion:112 Resp: 399074

Ion	Ratio	Lower	Upper
112	100		
64	56.8	45.6	68.4
63	30.6	24.1	36.1



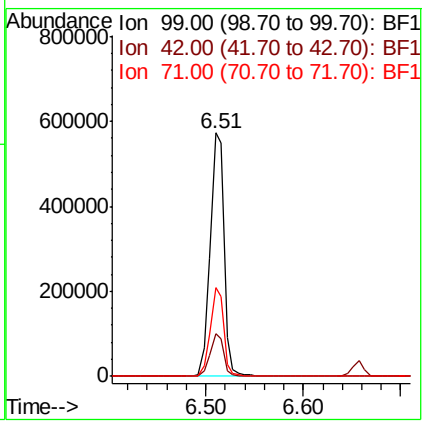


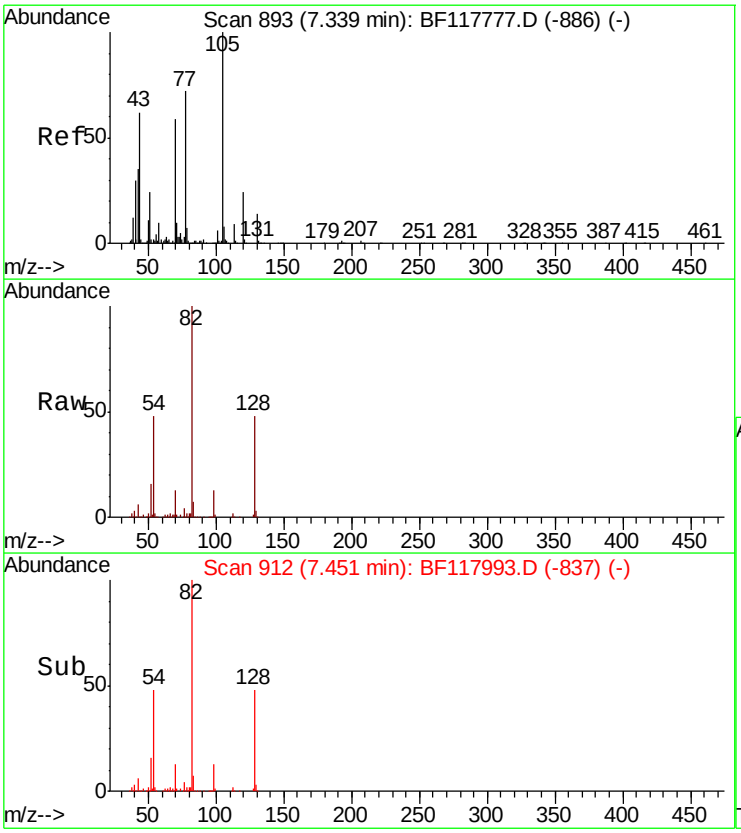
#7
Phenol-d6
Concen: 51.294 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF117993.D
Acq: 26 Nov 2019 4:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 568048

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.9	22.3
71	36.2	28.6	43.0

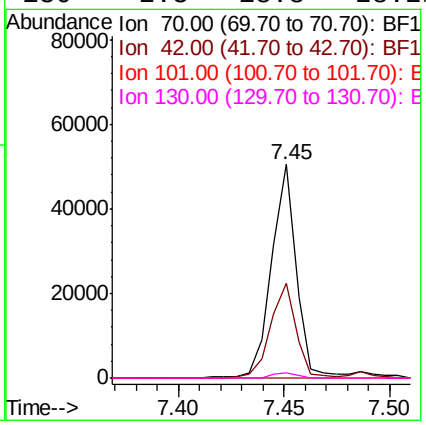


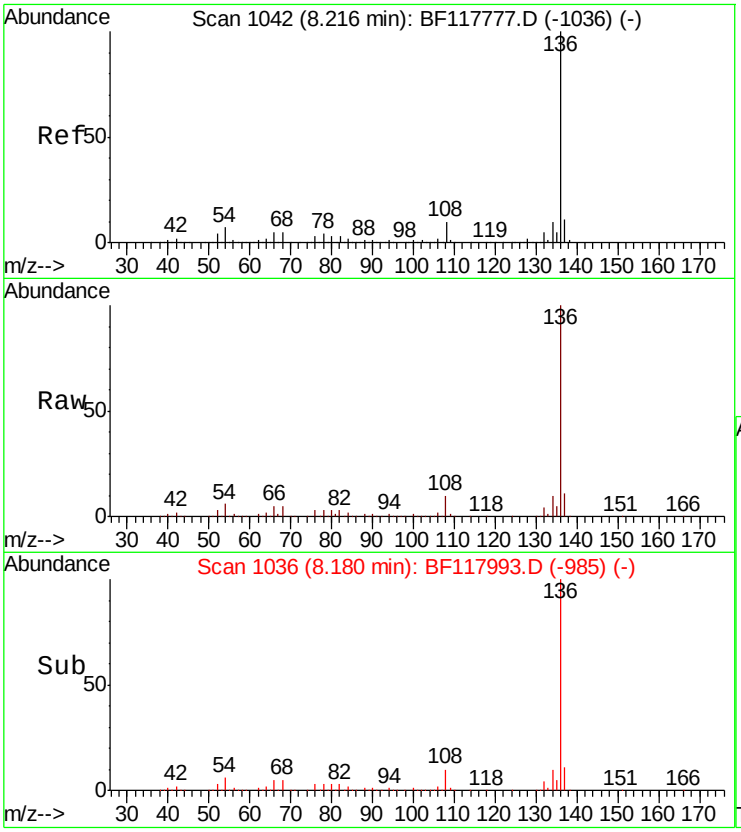


#19
n-Nitroso-di-n-propylamine
Concen: 6.029 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF117993.D
Acq: 26 Nov 2019 4:05

Tgt Ion: 70 Resp: 41190

Ion	Ratio	Lower	Upper
70	100		
42	44.5	47.4	71.2#
101	0.0	8.4	12.6#
130	2.3	18.8	28.2#



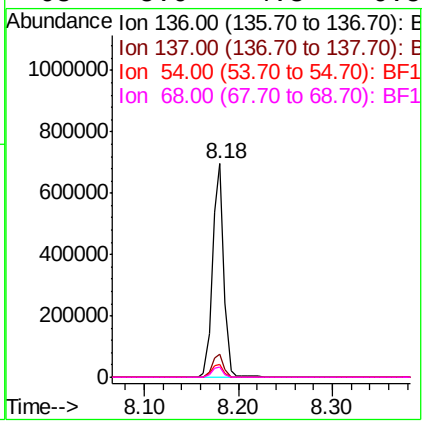


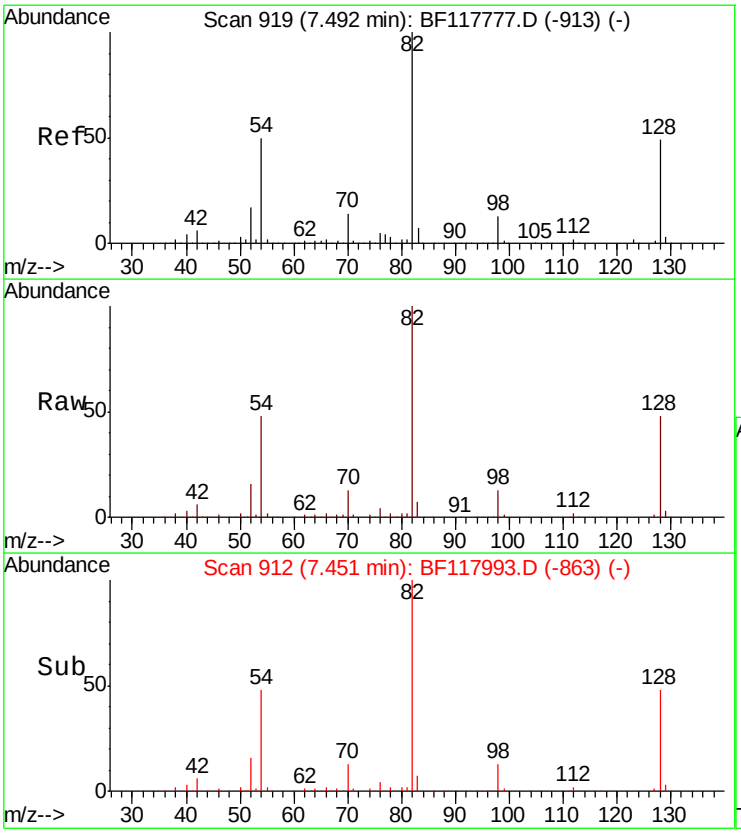
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF117993.D
Acq: 26 Nov 2019 4:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 594092

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.3	5.4	8.2
68	5.0	4.3	6.5

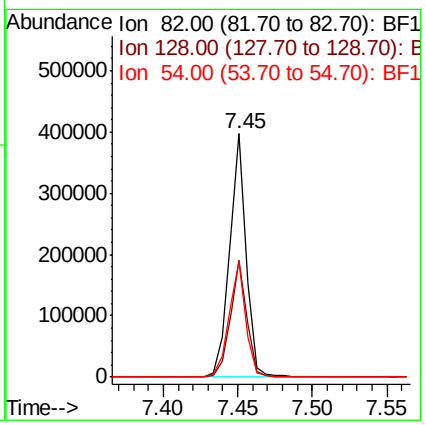


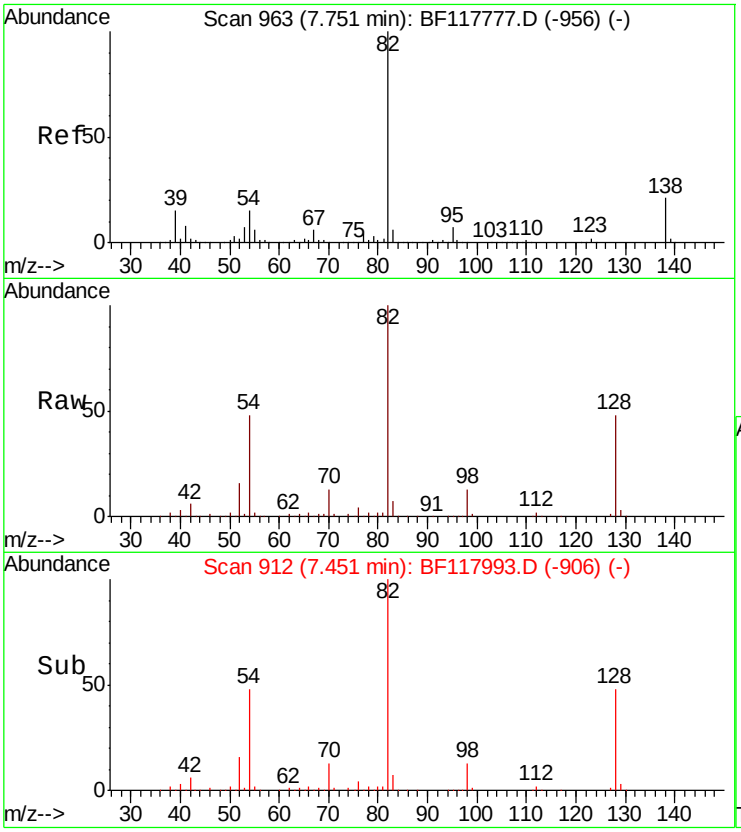


#23
Nitrobenzene-d5
Concen: 31.688 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF117993.D
Acq: 26 Nov 2019 4:05

Tgt Ion: 82 Resp: 316687

Ion	Ratio	Lower	Upper
82	100		
128	48.2	38.9	58.3
54	47.6	39.8	59.6



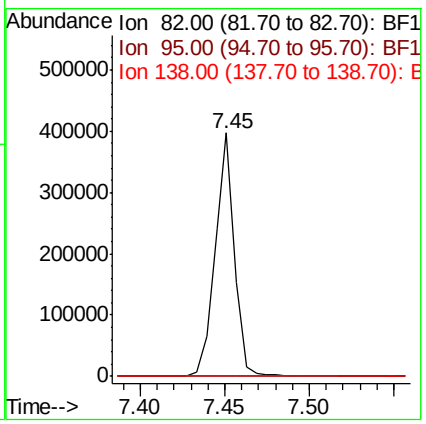


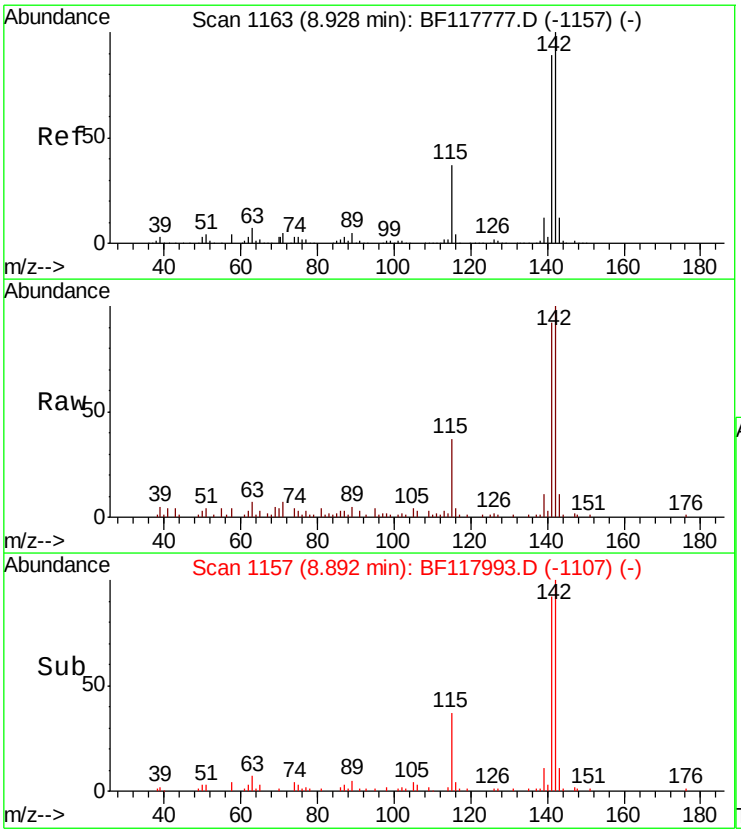
#25
Isophorone
Concen: 17.100 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF117993.D
Acq: 26 Nov 2019 4:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 313218

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.8#
138	0.0	16.5	24.7#

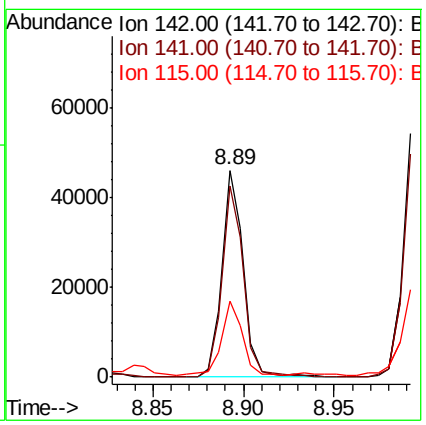


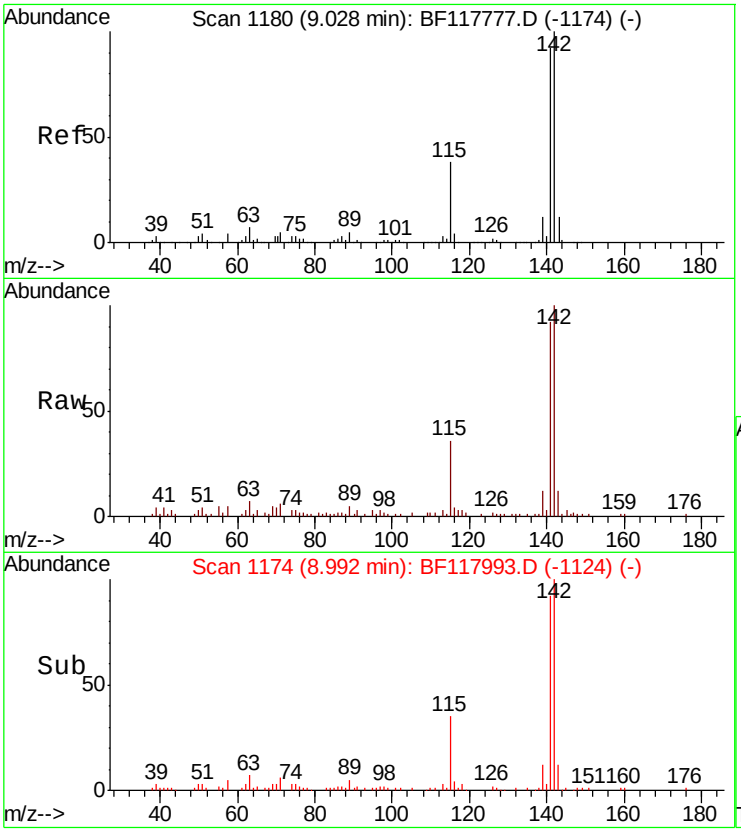


#37
2-Methylnaphthalene
Concen: 2.011 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF117993.D
Acq: 26 Nov 2019 4:05

Tgt Ion:142 Resp: 37630

Ion	Ratio	Lower	Upper
142	100		
141	92.2	71.1	106.7
115	36.7	29.2	43.8



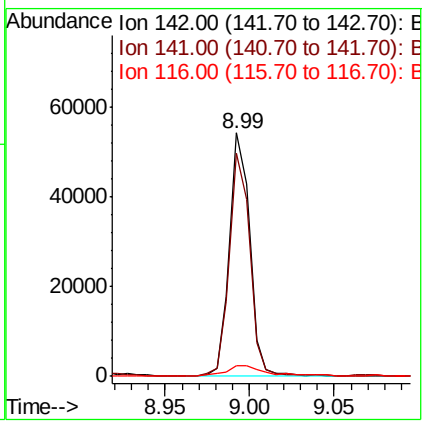


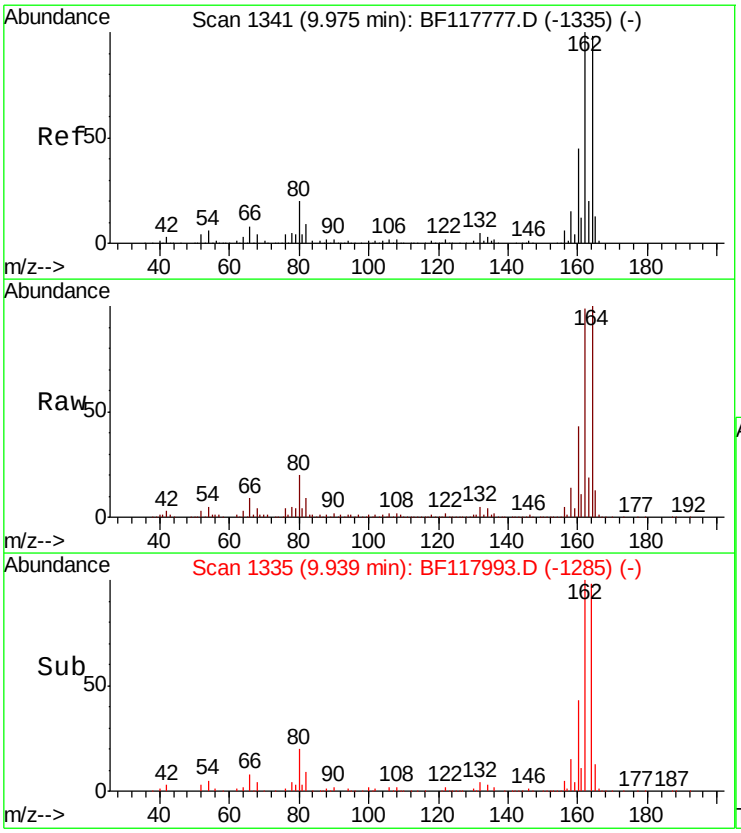
#38
1-Methylnaphthalene
Concen: 2.558 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BF117993.D
Acq: 26 Nov 2019 4:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 45259

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.5	110.3
116	4.3	3.2	4.8

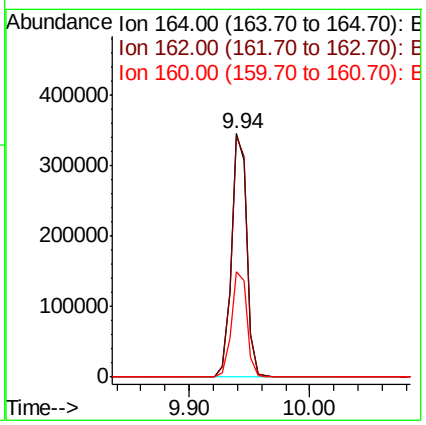


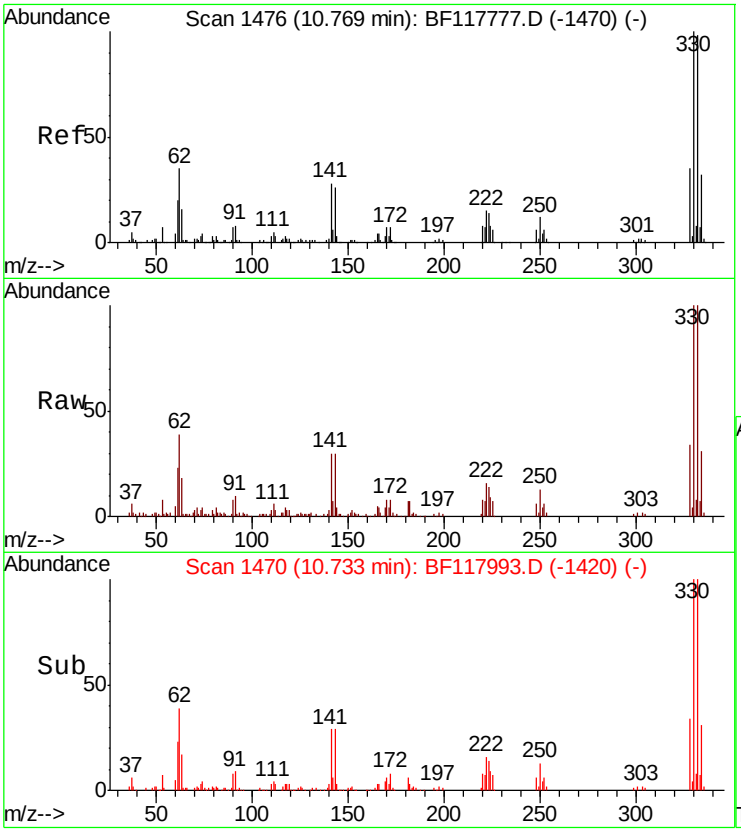


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF117993.D
Acq: 26 Nov 2019 4:05

Tgt Ion:164 Resp: 304523

Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.3	121.9
160	43.1	36.6	55.0



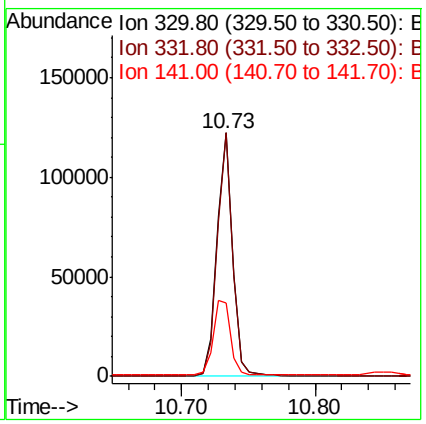


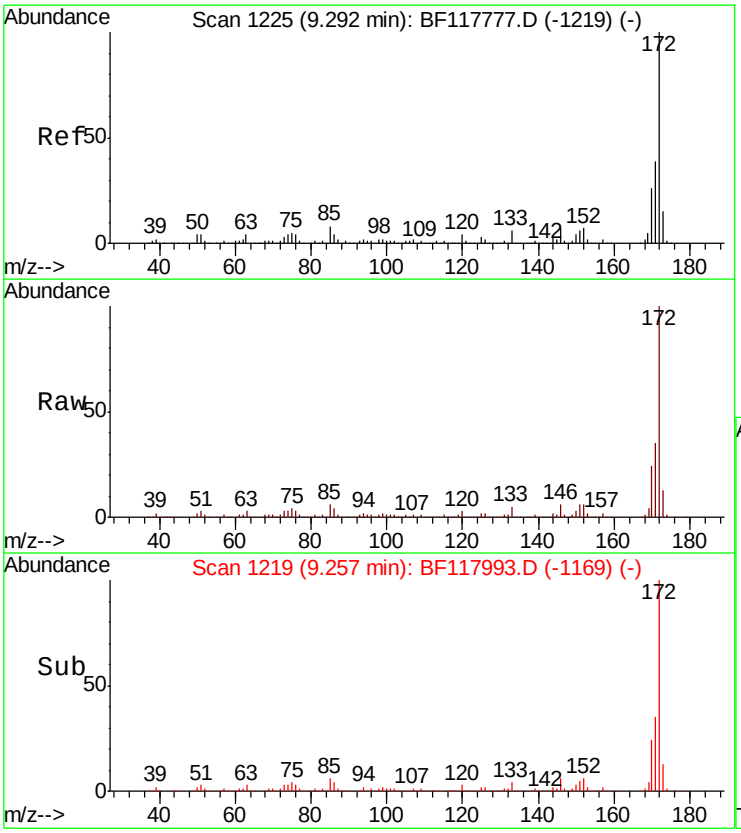
#42
2,4,6-Tribromophenol
Concen: 31.682 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.01 min
Lab File: BF117993.D
Acq: 26 Nov 2019 4:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 102142

Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.7	115.1
141	34.2	27.7	41.5

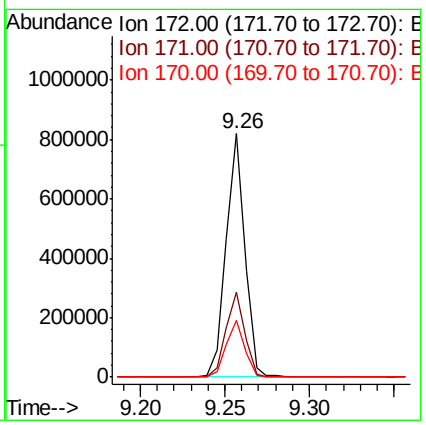


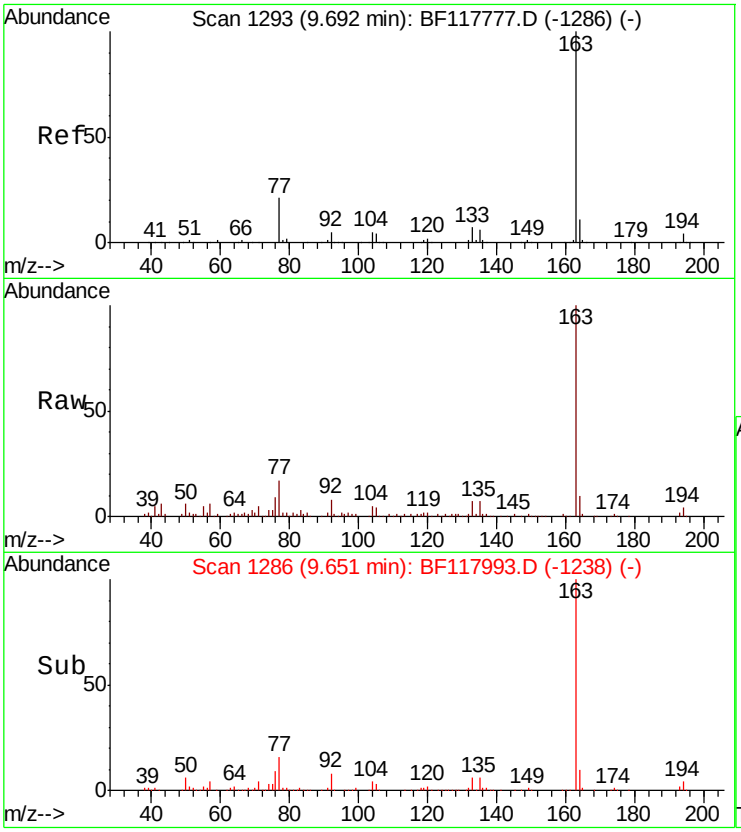


#45
2-Fluorobiphenyl
Concen: 37.179 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF117993.D
Acq: 26 Nov 2019 4:05

Tgt Ion:172 Resp: 631079

Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.9	46.3
170	23.6	21.0	31.4



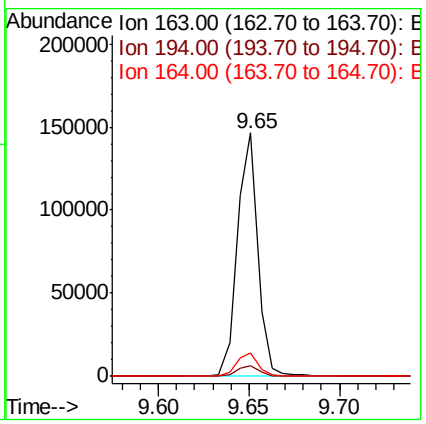


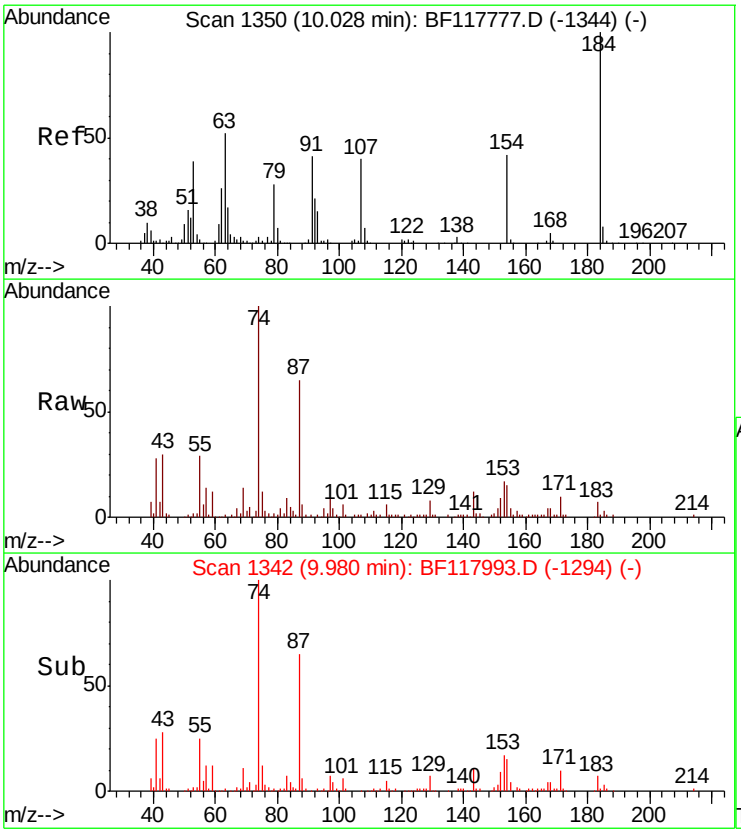
#50
Dimethylphthalate
Concen: 5.376 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF117993.D
Acq: 26 Nov 2019 4:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 114798

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	9.6	8.7	13.1

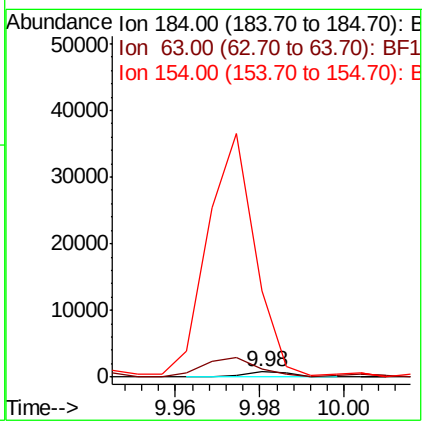


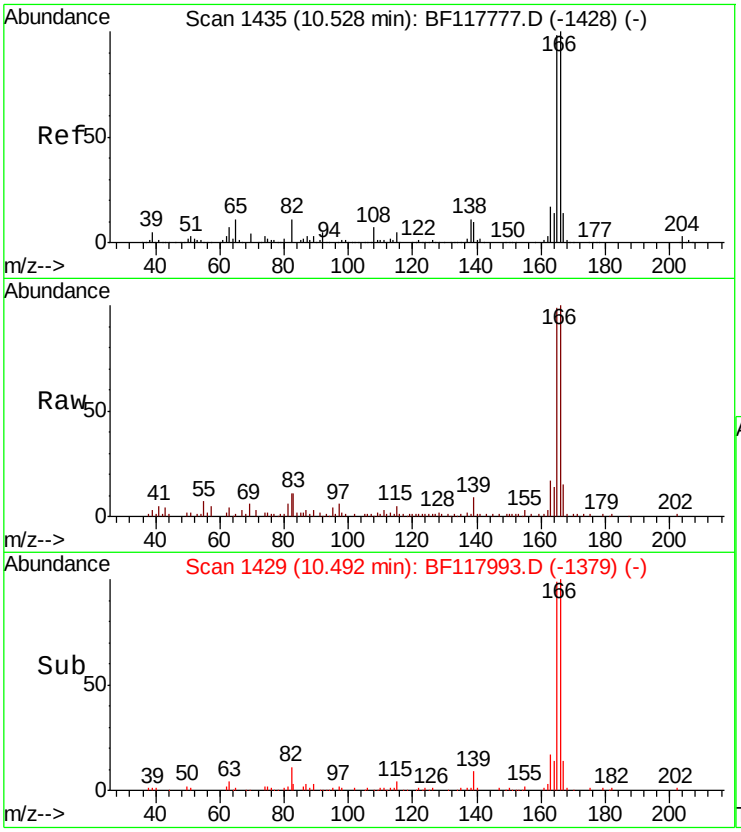


#54
2,4-Dinitrophenol
Concen: 7.446 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF117993.D
Acq: 26 Nov 2019 4:05

Tgt Ion:184 Resp: 584

Ion	Ratio	Lower	Upper
184	100		
63	166.1	43.0	64.6#
154	1711.3	48.0	72.0#



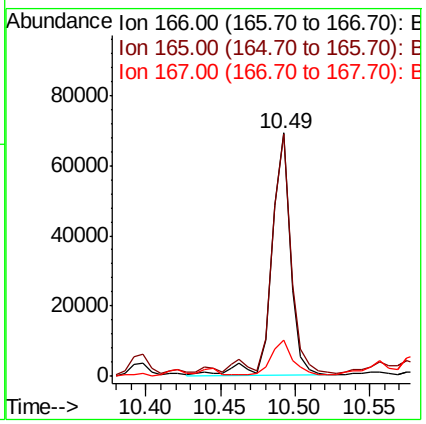


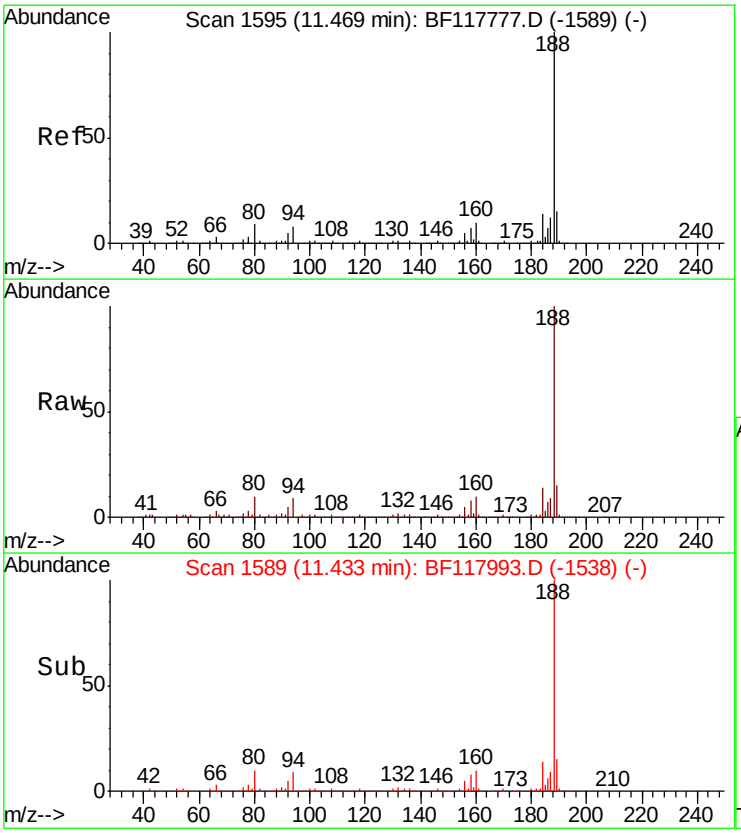
#58
Fluorene
Concen: 3.215 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF117993.D
Acq: 26 Nov 2019 4:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 59893

Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.4	117.6
167	14.7	11.0	16.4

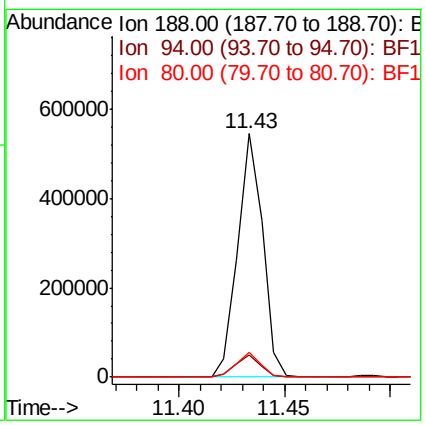


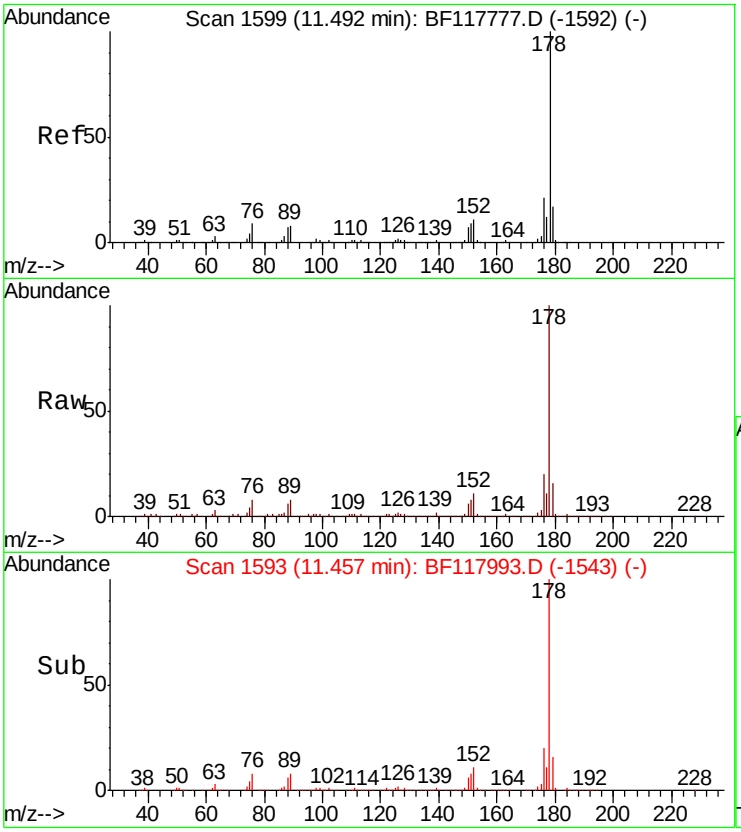


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF117993.D
Acq: 26 Nov 2019 4:05

Tgt Ion:188 Resp: 446635

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.6	10.0
80	10.0	7.2	10.8



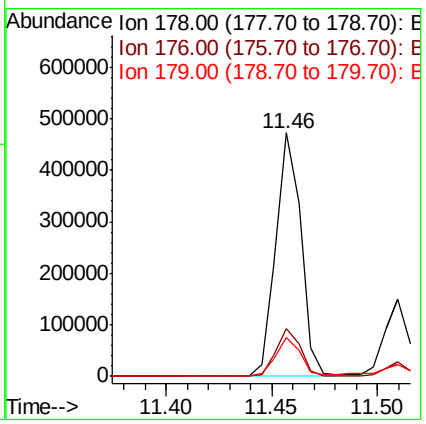


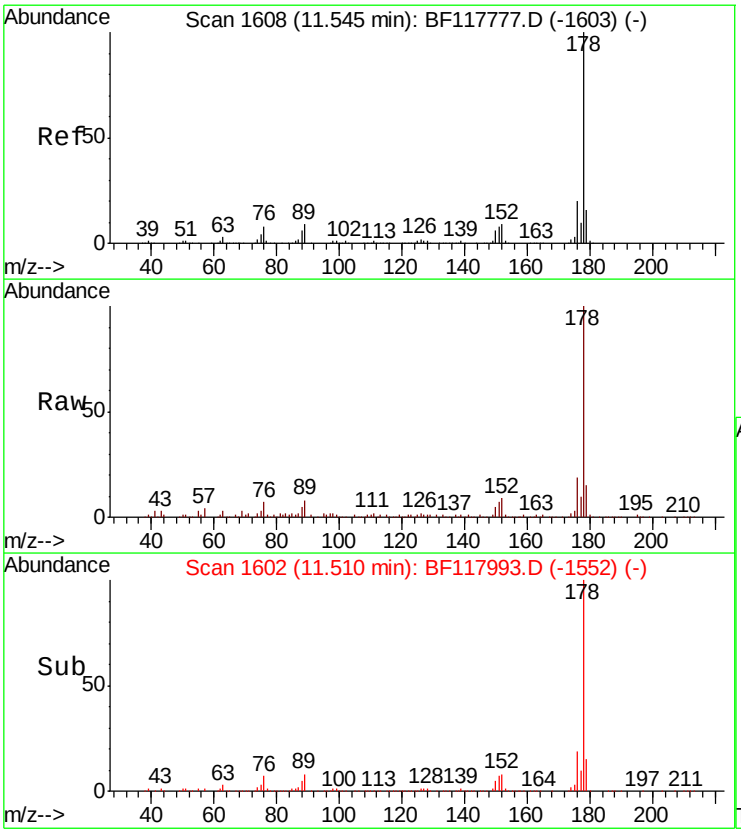
#71
Phenanthrene
Concen: 17.420 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117993.D
Acq: 26 Nov 2019 4:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 391177

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	25.0
179	15.9	13.2	19.8

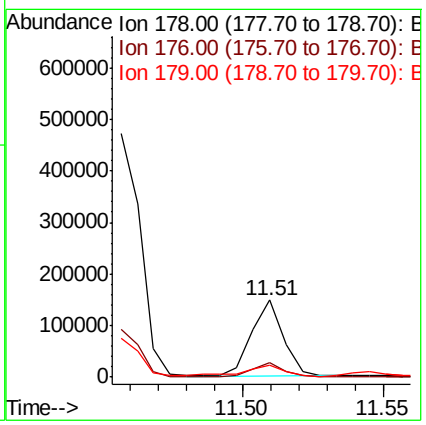


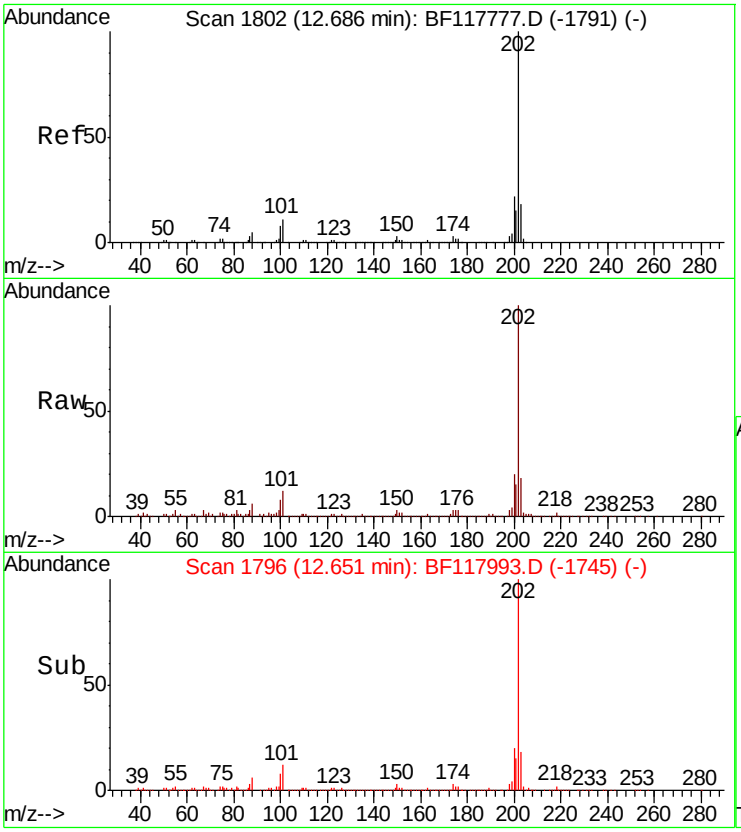


#72
Anthracene
Concen: 5.177 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF117993.D
Acq: 26 Nov 2019 4:05

Tgt Ion:178 Resp: 115252

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.1	24.1
179	15.1	13.0	19.4



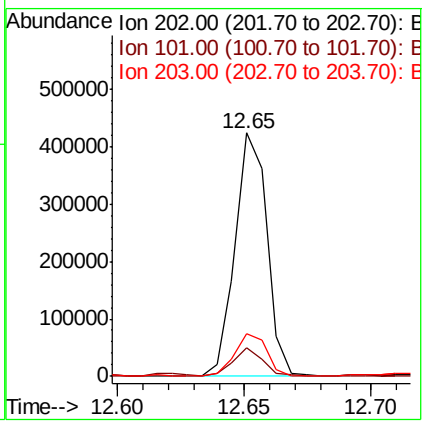


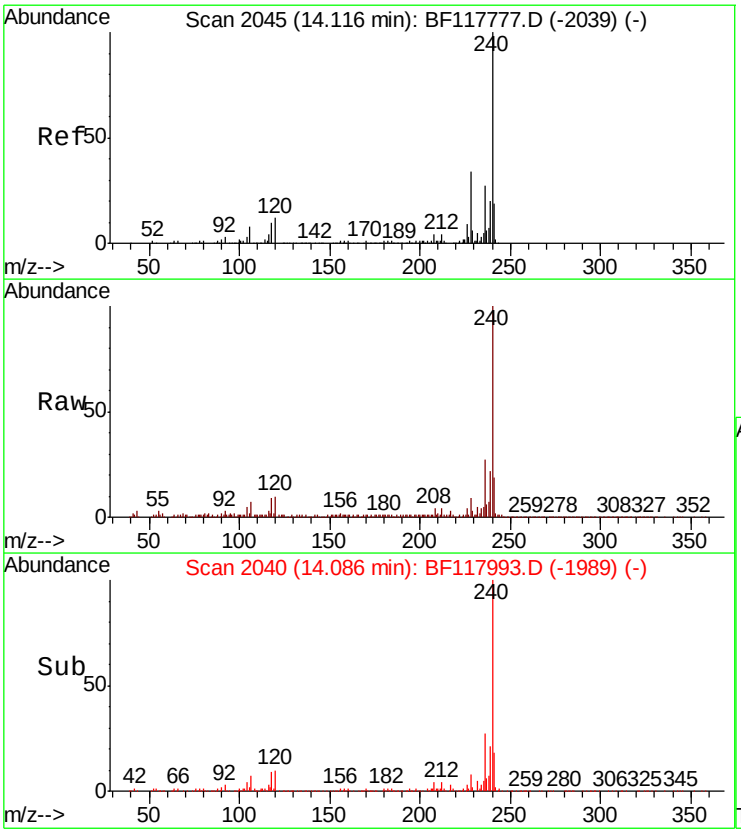
#75
Fluoranthene
Concen: 12.771 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.00 min
Lab File: BF117993.D
Acq: 26 Nov 2019 4:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 371352

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.1
203	17.7	0.0	38.2

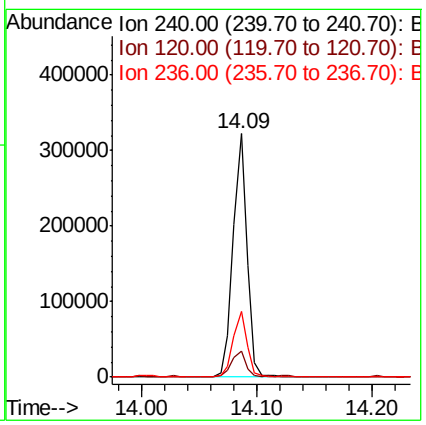


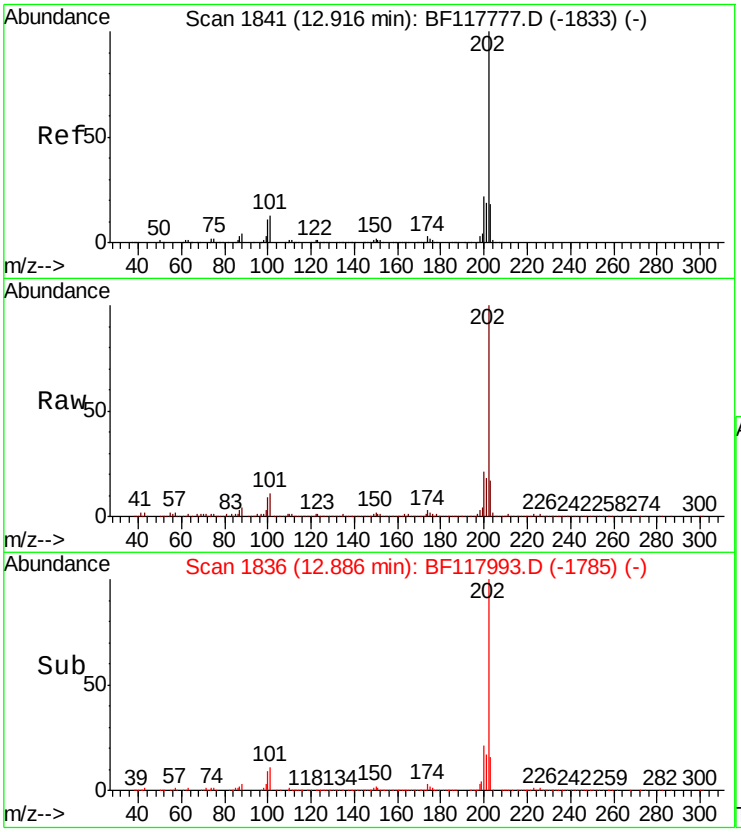


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BF117993.D
Acq: 26 Nov 2019 4:05

Tgt Ion:240 Resp: 268530

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	27.2	21.3	31.9



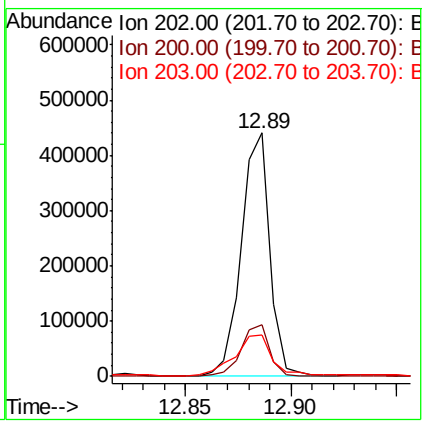


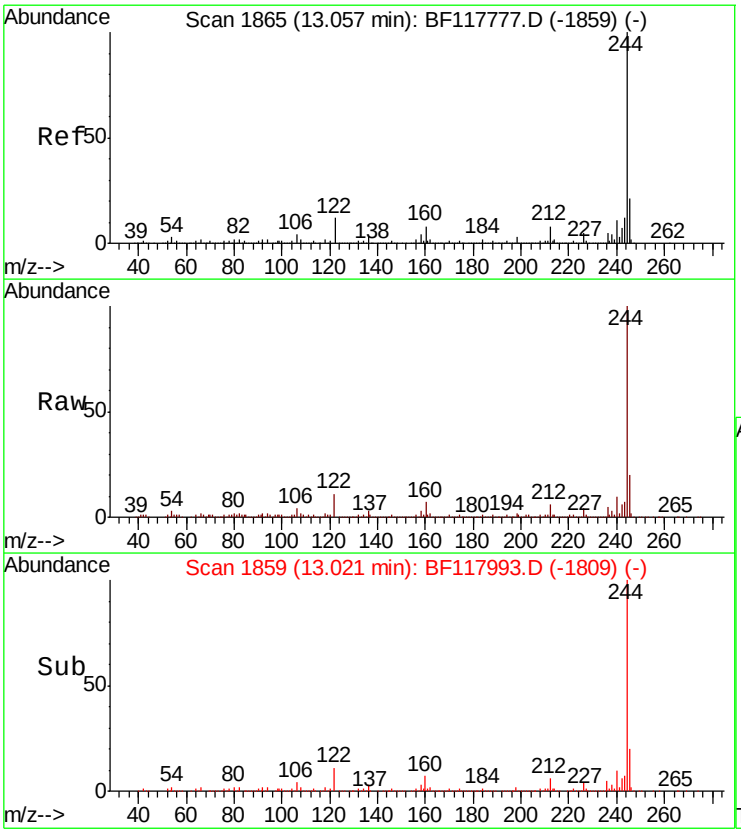
#78
Pyrene
Concen: 18.928 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BF117993.D
Acq: 26 Nov 2019 4:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 410769

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.8	26.8
203	17.2	14.6	22.0

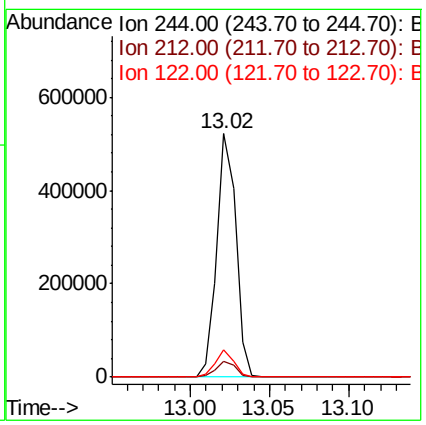


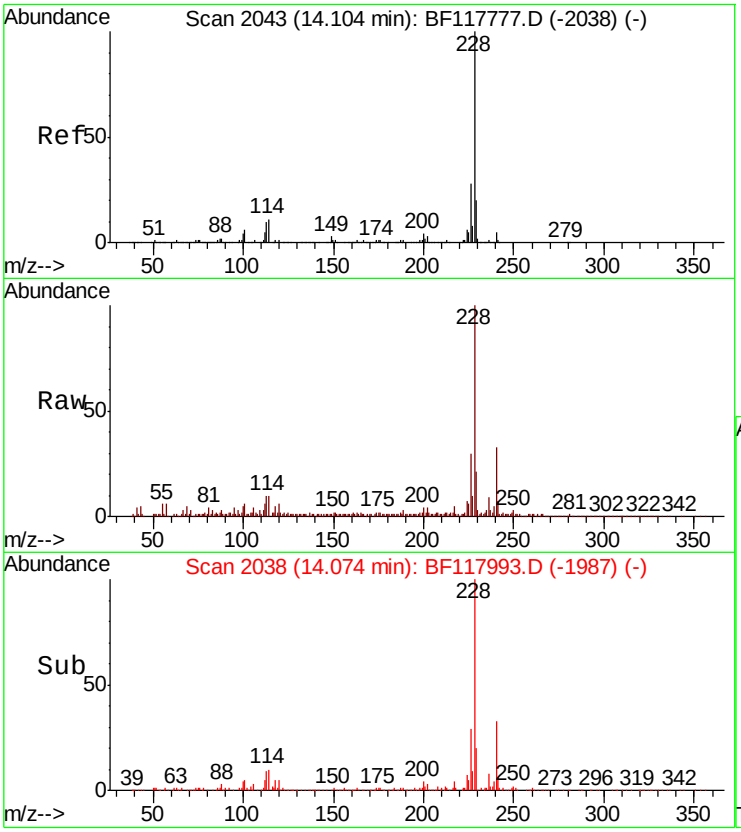


#79
Terphenyl-d14
Concen: 29.823 ng
RT: 13.02 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BF117993.D
Acq: 26 Nov 2019 4:05

Tgt Ion:244 Resp: 438191

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.3	9.5
122	11.5	9.4	14.2



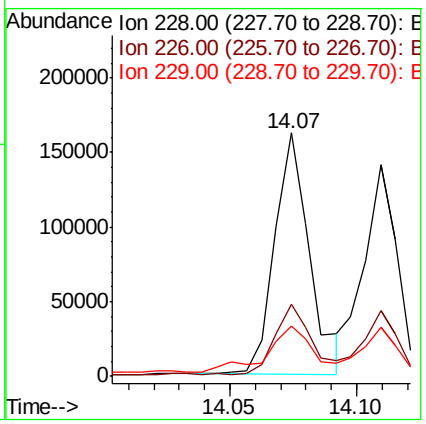


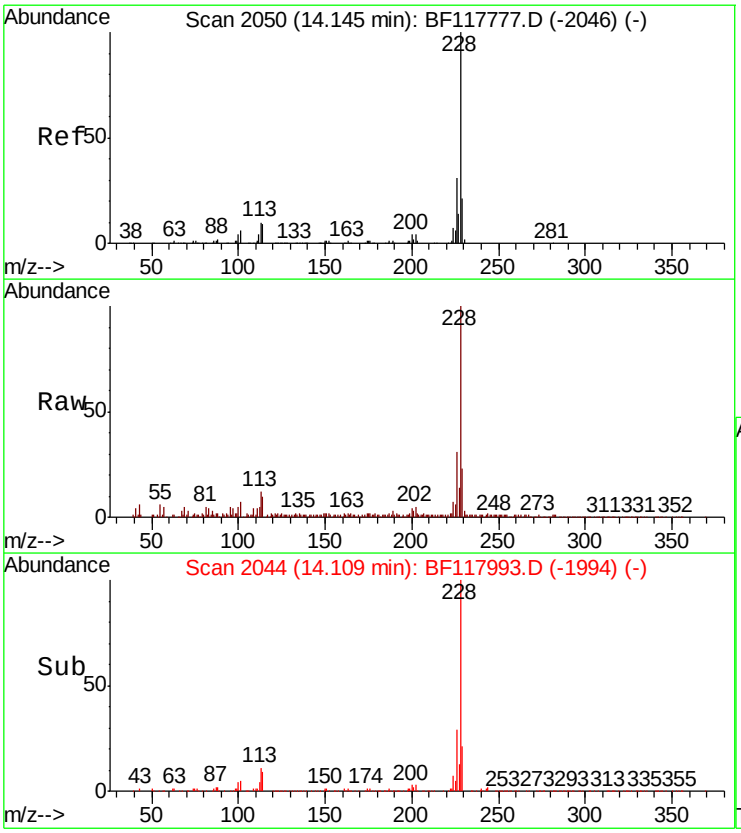
#81
Benzo(a)anthracene
Concen: 8.791 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF117993.D
Acq: 26 Nov 2019 4:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 156003

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.2	33.2
229	20.9	15.9	23.9

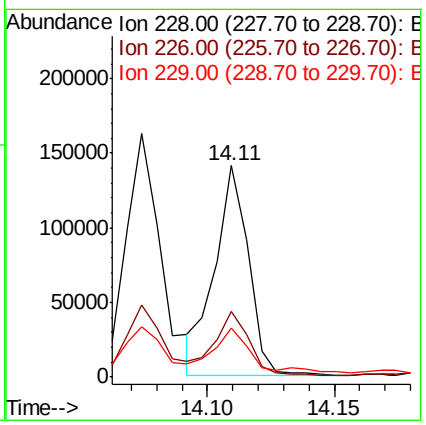


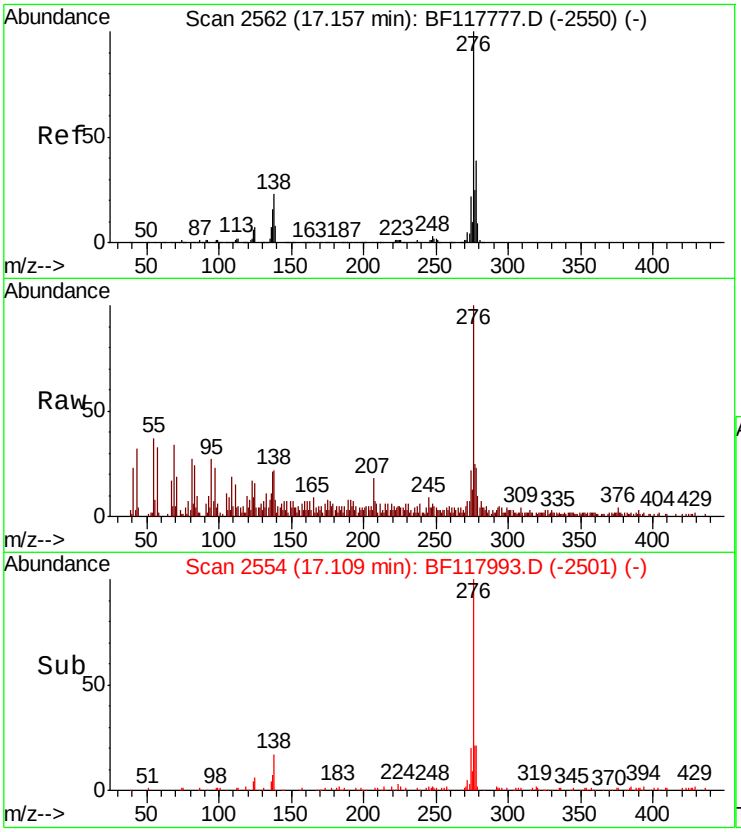


#83
Chrysene
Concen: 7.521 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117993.D
Acq: 26 Nov 2019 4:05

Tgt Ion:228 Resp: 129319

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.4
229	23.3	16.6	25.0



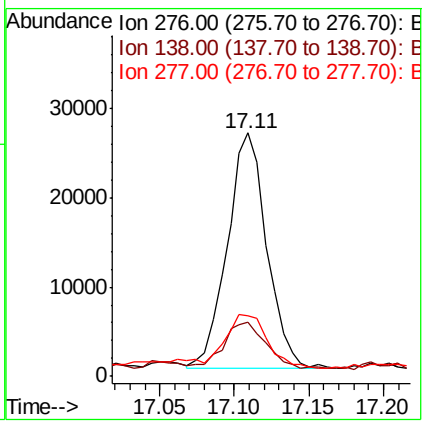


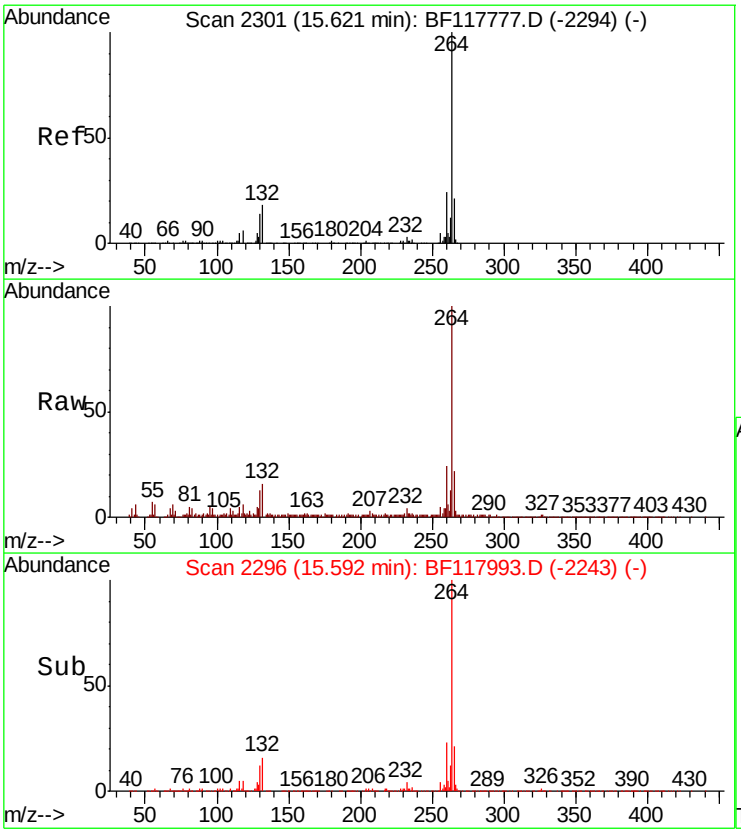
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.336 ng
RT: 17.11 min Scan# 2554
Delta R.T. 0.01 min
Lab File: BF117993.D
Acq: 26 Nov 2019 4:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 48817

Ion	Ratio	Lower	Upper
276	100		
138	20.8	20.9	31.3#
277	24.3	20.3	30.5

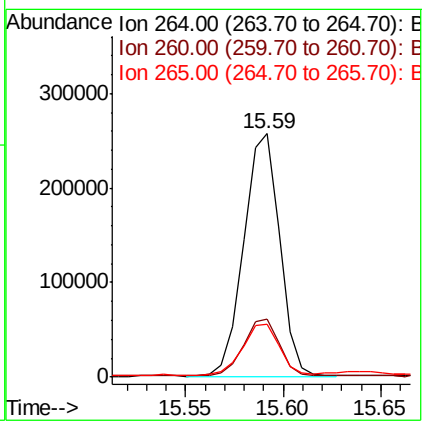


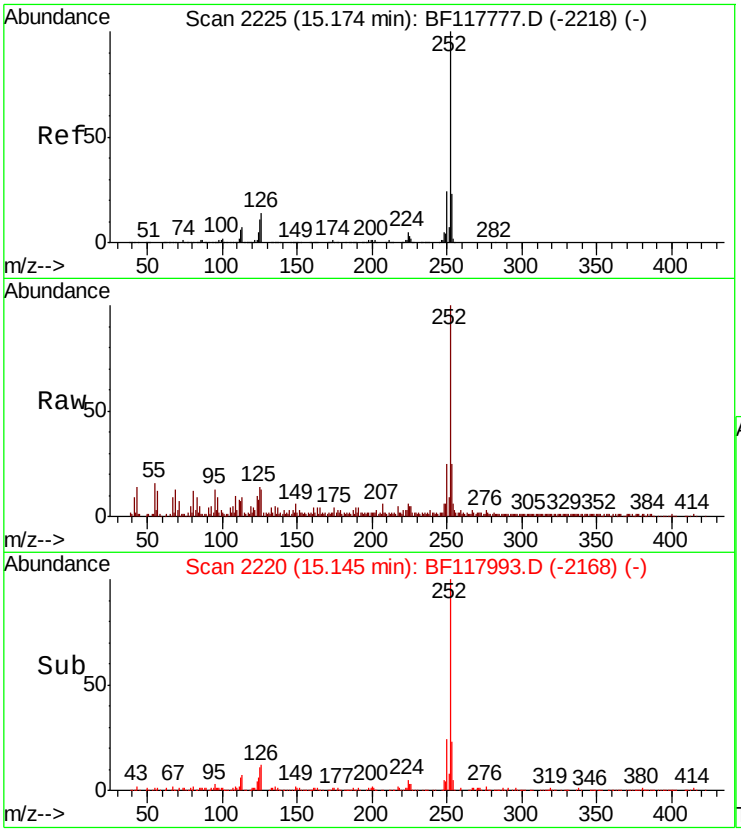


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.01 min
Lab File: BF117993.D
Acq: 26 Nov 2019 4:05

Tgt Ion:264 Resp: 326899

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.7	17.1	25.7



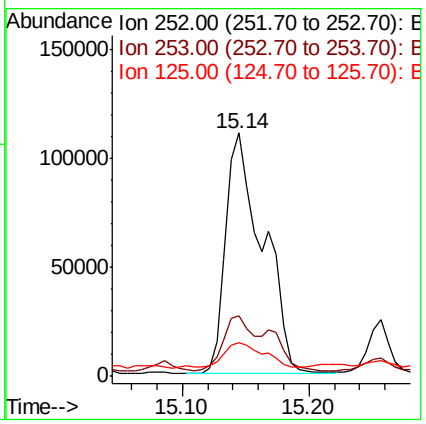


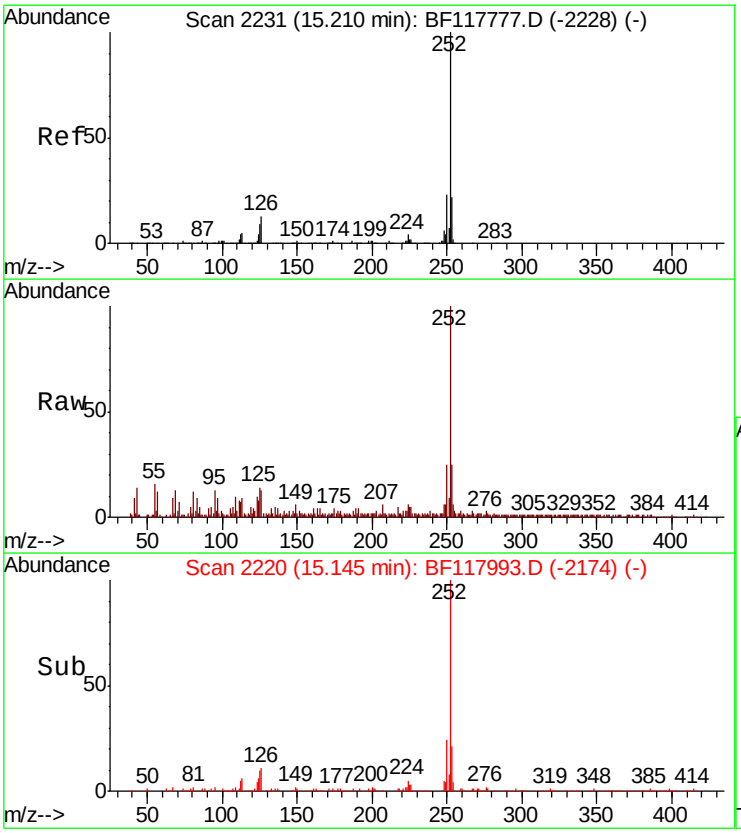
#88
Benzo(b)fluoranthene
Concen: 10.534 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BF117993.D
Acq: 26 Nov 2019 4:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 223733

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.0	27.0
125	13.9	8.6	13.0#

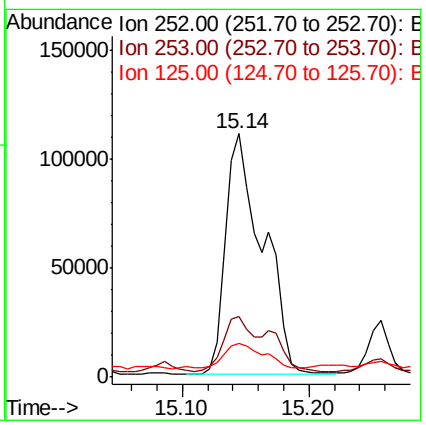


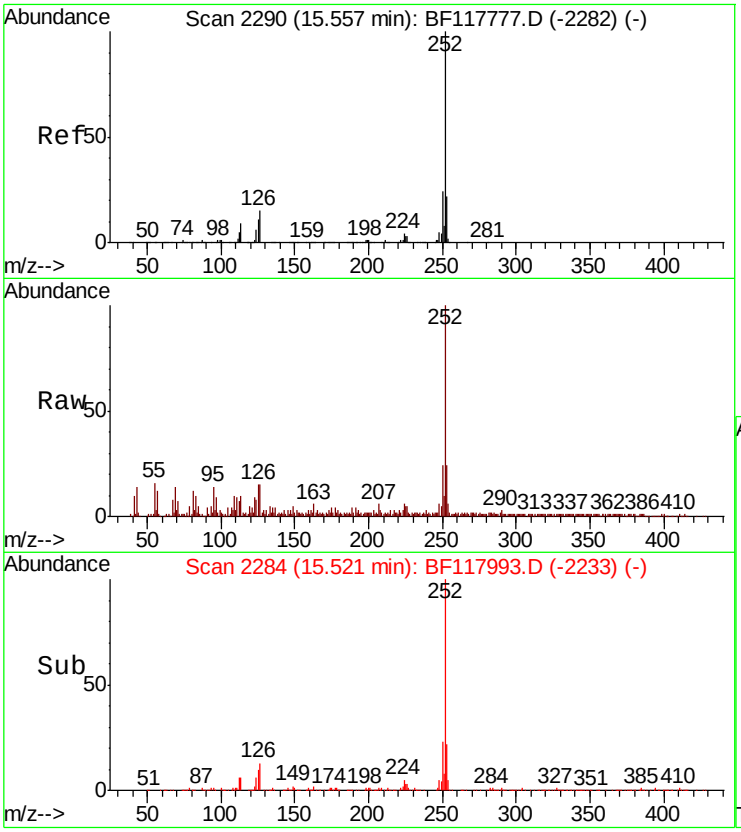


#89
Benzo(k)fluoranthene
Concen: 11.180 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.03 min
Lab File: BF117993.D
Acq: 26 Nov 2019 4:05

Tgt Ion:252 Resp: 223733

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.5	26.3
125	13.9	7.9	11.9#



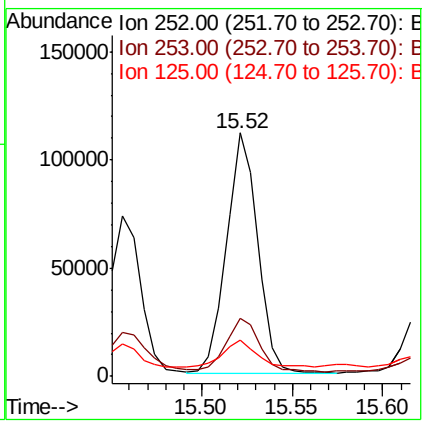


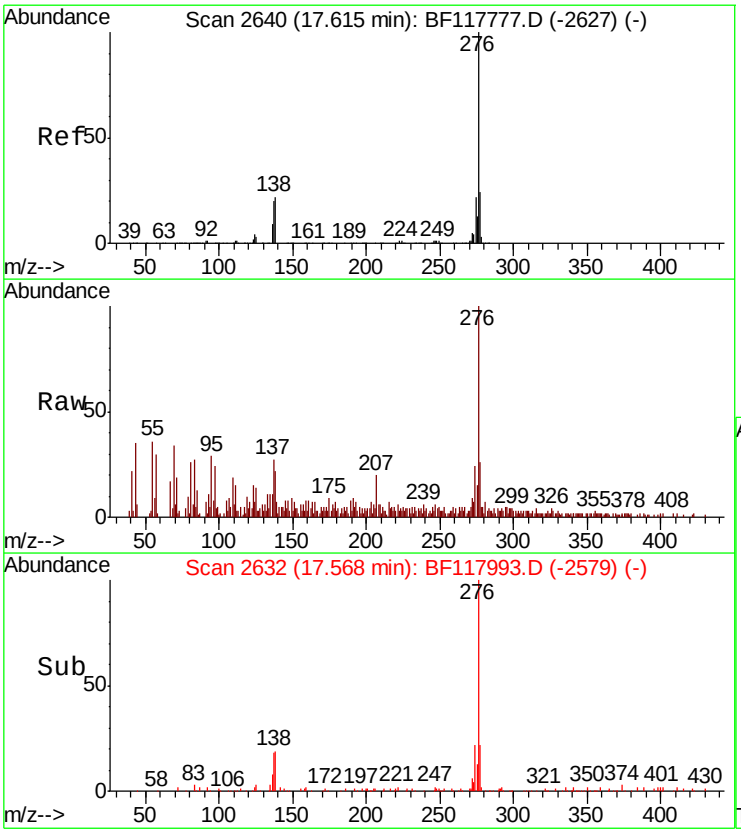
#90
Benzo(a)pyrene
Concen: 7.138 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BF117993.D
Acq: 26 Nov 2019 4:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 133307

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	14.9	9.2	13.8#





#92
Benzo(g,h,i)perylene
Concen: 2.879 ng
RT: 17.57 min Scan# 2632
Delta R.T. 0.01 min
Lab File: BF117993.D
Acq: 26 Nov 2019 4:05

Tgt Ion:276 Resp: 46098

Ion	Ratio	Lower	Upper
276	100		
277	26.0	18.9	28.3
138	22.2	17.4	26.2