Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110819\
Data File : BF117733.D
Acq On : 8 Nov 2019 16:16
Operator : JU
Sample : K5722-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1-C

Quant Time: Nov 09 01:22:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	354457	20.00	ng		-0.01
21) Naphthalene-d8	8.22	136	1391521	20.00	ng		-0.01
39) Acenaphthene-d10	9.97	164	764755	20.00	ng		-0.01
64) Phenanthrene-d10	11.47	188	1401790	20.00	ng		0.00
76) Chrysene-d12	14.12	240	848254	20.00	ng		0.00
87) Perylene-d12	15.63	264	835775	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1703062	86.97	ng		0.00
7) Phenol-d6	6.55	99	2168582	89.82	ng		-0.01
23) Nitrobenzene-d5	7.49	82	1327985	56.34	ng		-0.02
42) 2,4,6-Tribromophenol	10.77	330	675639	90.31	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	2539179	65.51	ng		-0.01
79) Terphenyl-d14	13.06	244	2708383	65.73	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.49	70	182852	11.518	ng	#	77
25) Isophorone	7.49	82	1322996	29.348	ng	#	62
50) Dimethylphthalate	9.68	163	111188	2.151	ng		98
51) 2,6-Dinitrotoluene	9.97	165	103544	8.944	ng	#	24
57) 2,4-Dinitrotoluene	9.97	165	103544	6.972	ng	#	28
67) 4-Bromophenyl-phenylether	10.77	248	43395	2.835	ng	#	1
71) Phenanthrene	11.49	178	743800	11.070	ng		97
75) Fluoranthene	12.69	202	1045154	15.234	ng		96
78) Pyrene	12.92	202	924731	14.934	ng		98
81) Benzo(a)anthracene	14.11	228	338930	6.419	ng		97
83) Chrysene	14.14	228	417940	8.015	ng		97
86) Indeno(1,2,3-cd)pyrene	17.14	276	142792	2.942	ng		95
88) Benzo(b)fluoranthene	15.17	252	542196	10.300	ng	#	97
89) Benzo(k)fluoranthene	15.17	252	542196	11.549	ng		97
90) Benzo(a)pyrene	15.56	252	185020	4.055	ng		98
92) Benzo(g,h,i)perylene	17.60	276	133187	3.358	ng		96

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

Quantitation Report (Not Reviewed)

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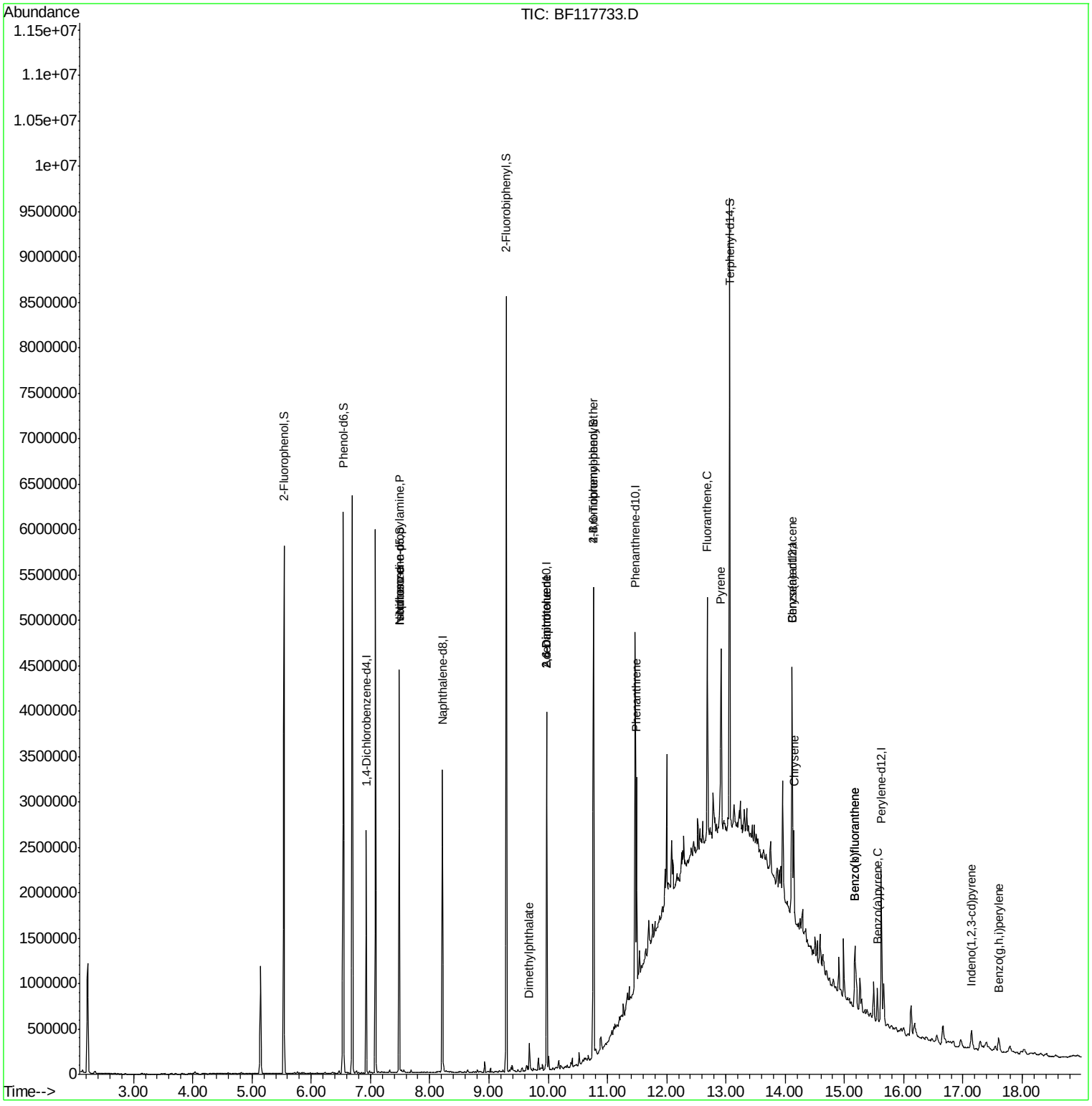
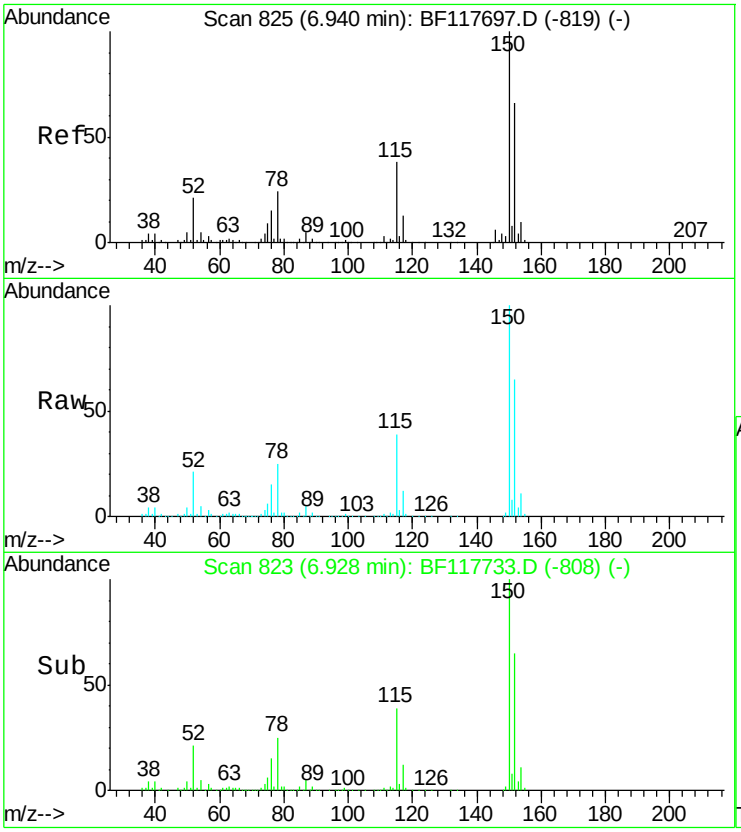


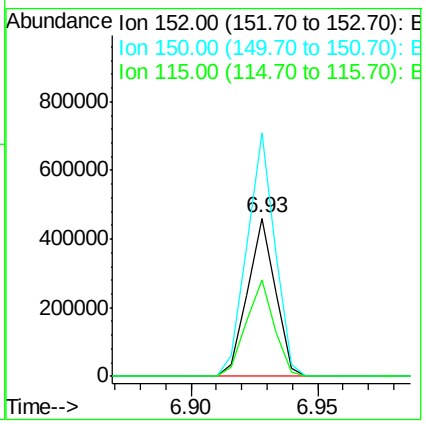


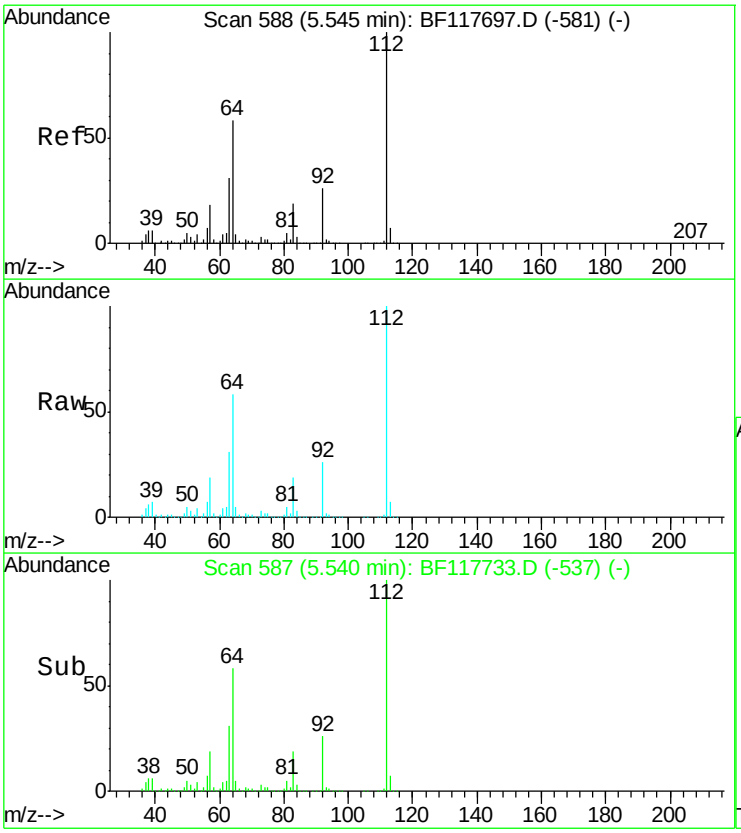
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Instrument :
BNA_F
ClientSampleId :
1-C

Tgt Ion:152 Resp: 354457

Ion	Ratio	Lower	Upper
152	100		
150	153.7	121.4	182.2
115	60.5	46.7	70.1

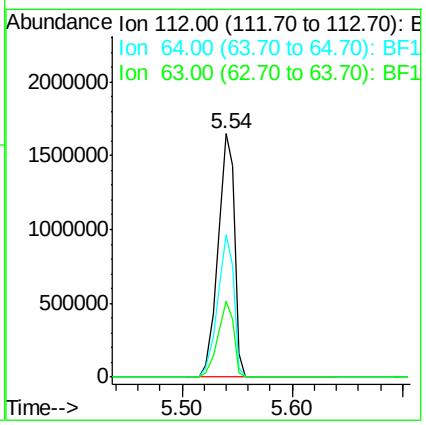


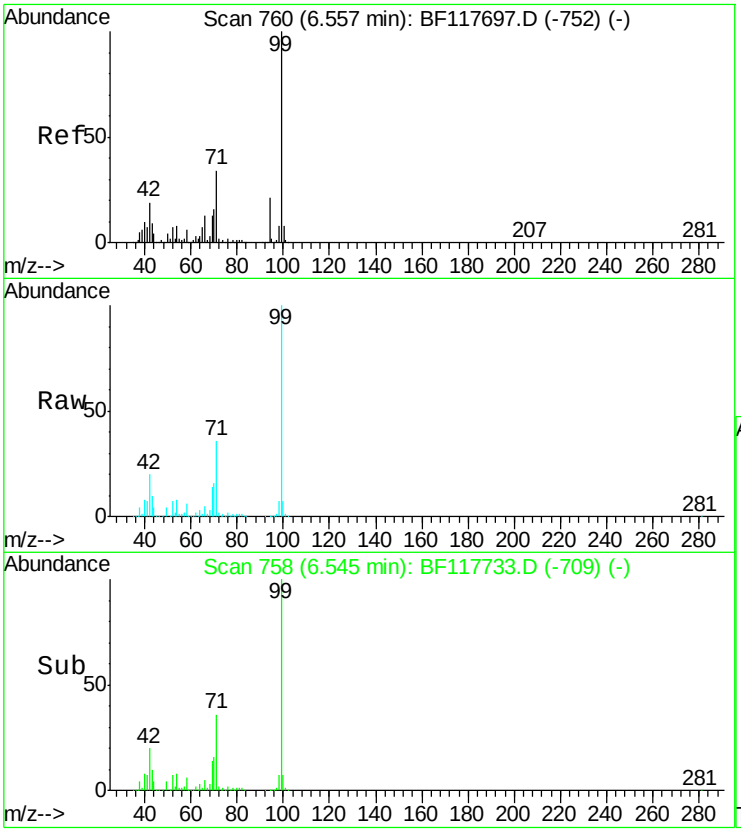


#5
2-Fluorophenol
Concen: 86.973 ng
RT: 5.54 min Scan# 587
Delta R.T. -0.01 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Tgt Ion:112 Resp: 1703062

Ion	Ratio	Lower	Upper
112	100		
64	58.4	46.4	69.6
63	31.1	24.6	37.0



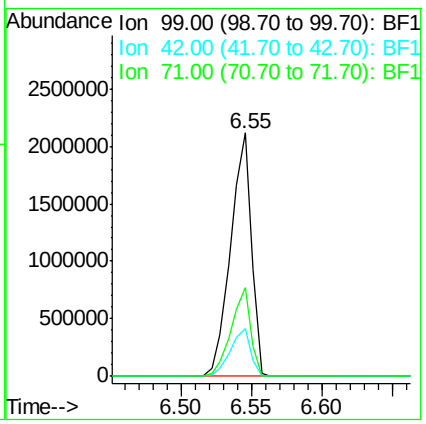


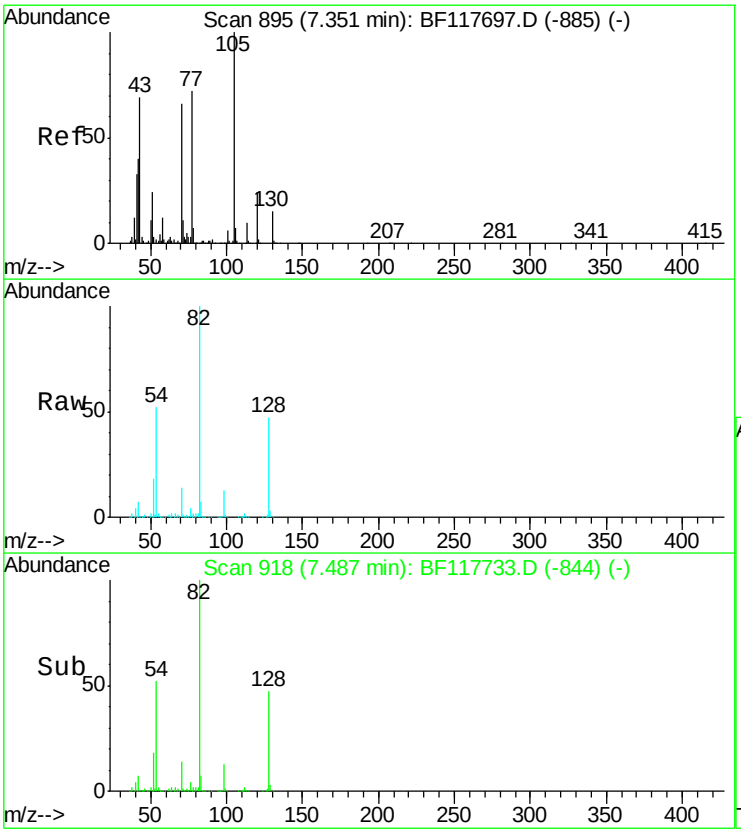
#7
Phenol-d6
Concen: 89.816 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Instrument :
BNA_F
ClientSampleId :
1-C

Tgt Ion: 99 Resp: 2168582

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.3	22.9
71	36.2	26.8	40.2

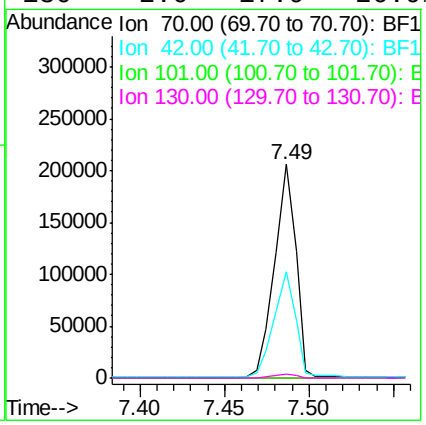


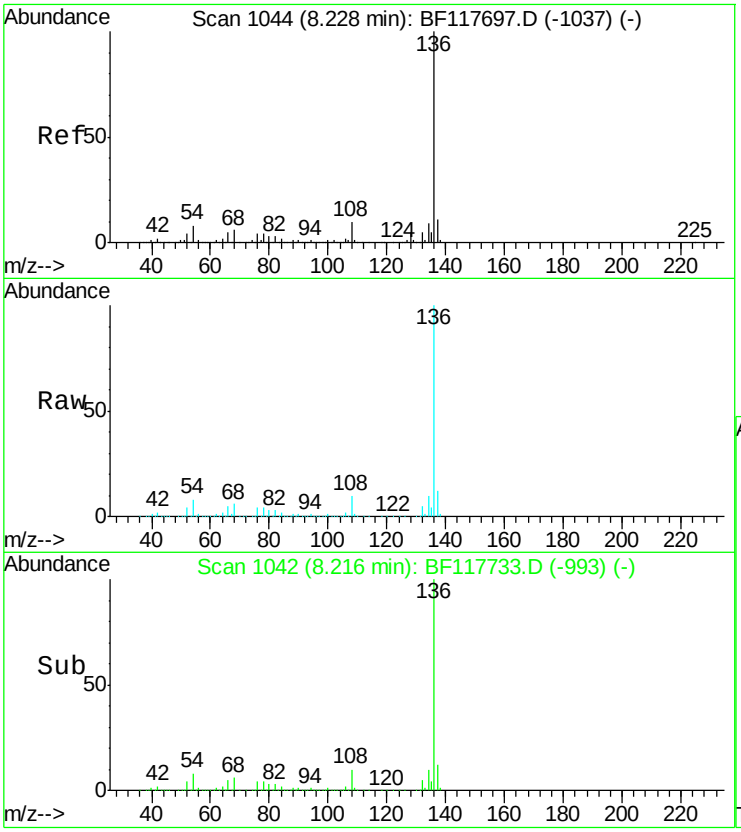


#19
n-Nitroso-di-n-propylamine
Concen: 11.518 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.14 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Tgt Ion: 70 Resp: 182852

Ion	Ratio	Lower	Upper
70	100		
42	49.9	49.1	73.7
101	0.0	7.8	11.8#
130	2.0	17.9	26.9#



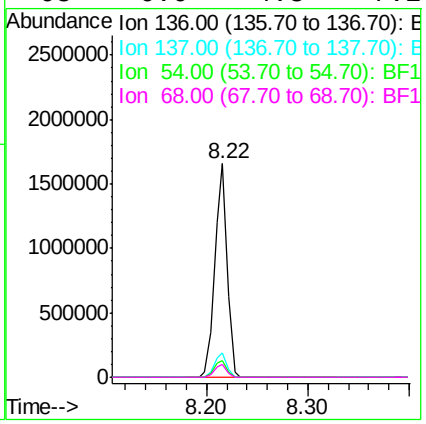


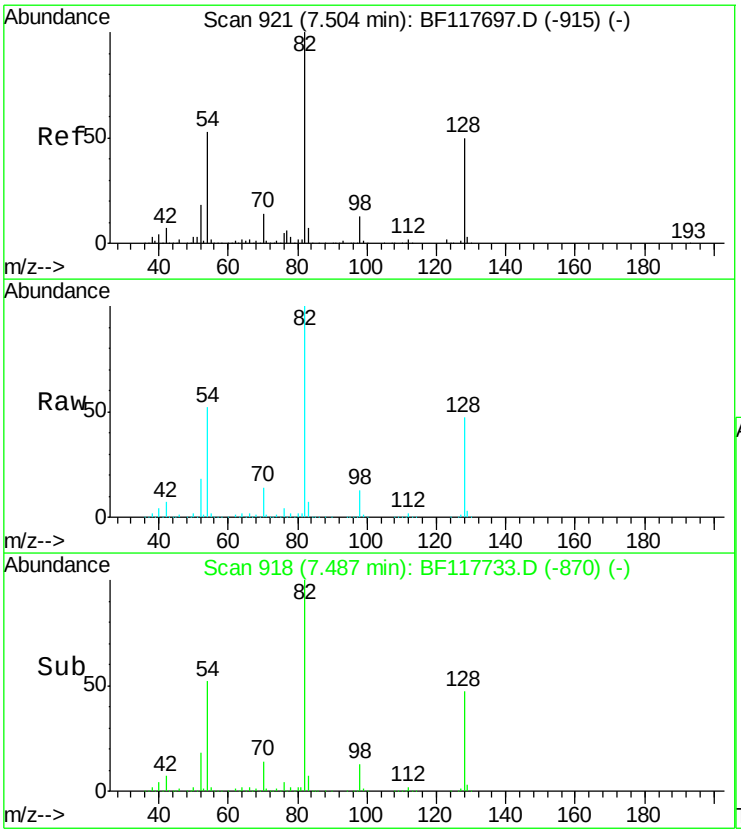
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Instrument :
BNA_F
ClientSampleId :
1-C

Tgt Ion:136 Resp: 1391521

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	7.6	6.0	9.0
68	6.0	4.8	7.2

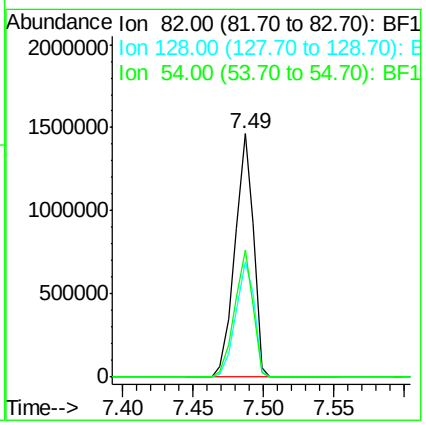


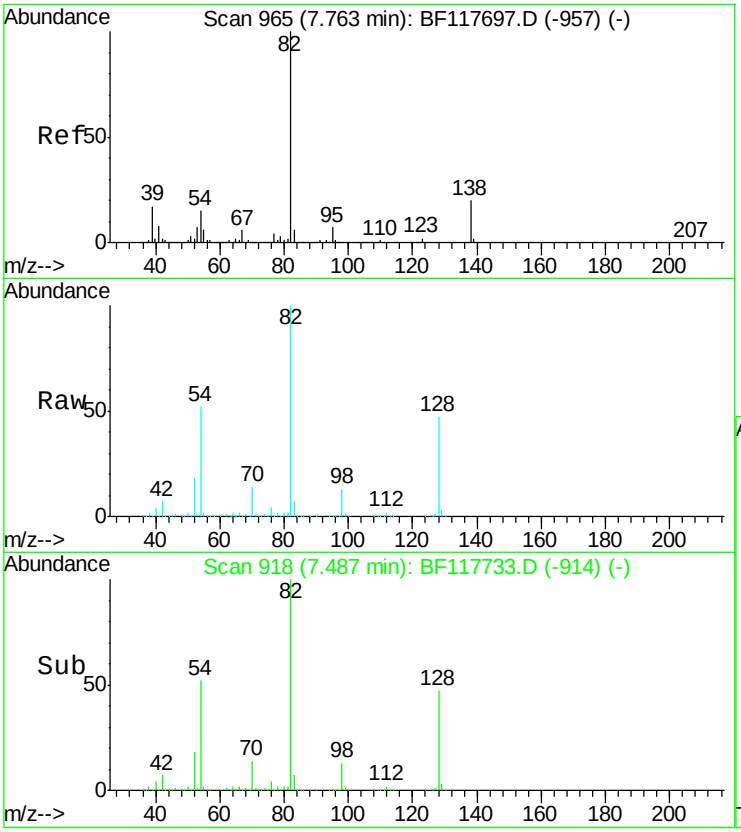


#23
Nitrobenzene-d5
Concen: 56.343 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.02 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Tgt Ion: 82 Resp: 1327985

Ion	Ratio	Lower	Upper
82	100		
128	47.3	40.2	60.2
54	52.5	42.0	63.0



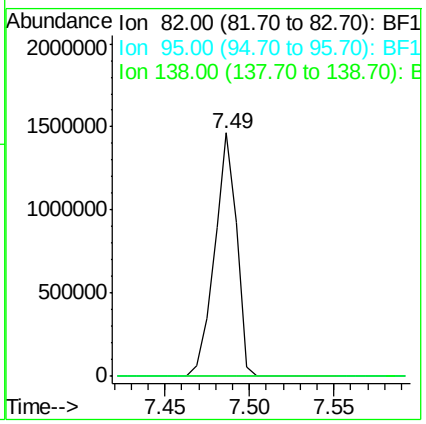


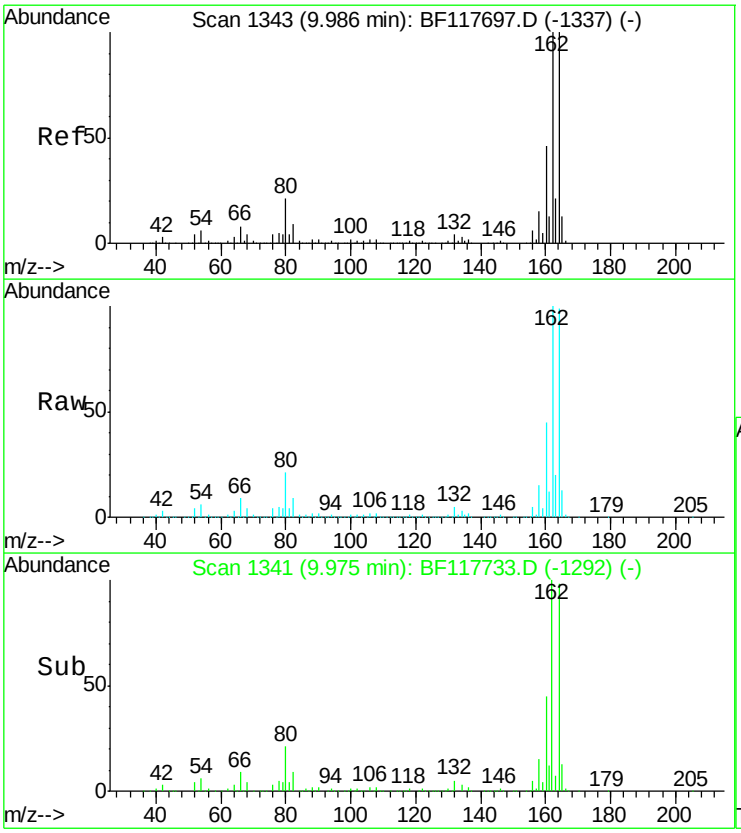
#25
Isophorone
Concen: 29.348 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.28 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Instrument :
BNA_F
ClientSampleId :
1-C

Tgt Ion: 82 Resp: 1322996

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	16.2	24.2#

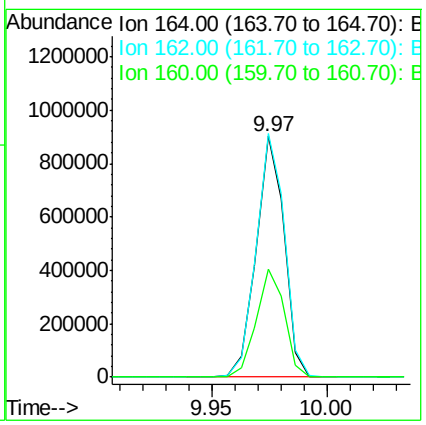


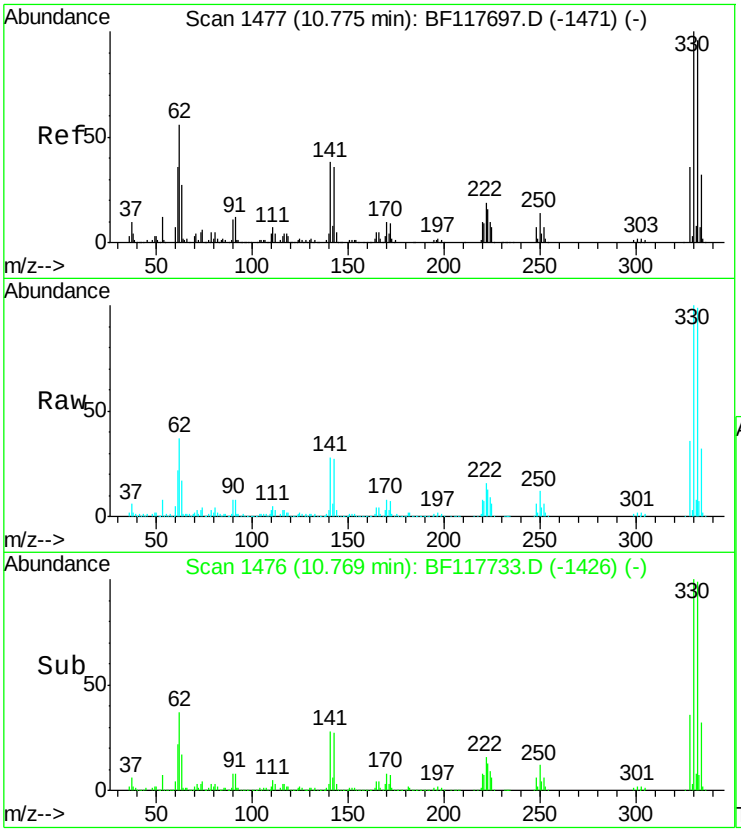


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Tgt Ion:164 Resp: 764755

Ion	Ratio	Lower	Upper
164	100		
162	101.1	79.7	119.5
160	45.0	36.5	54.7



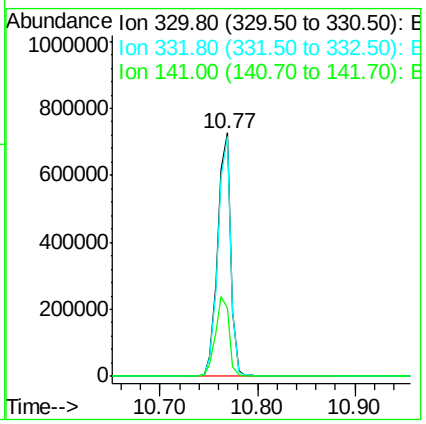


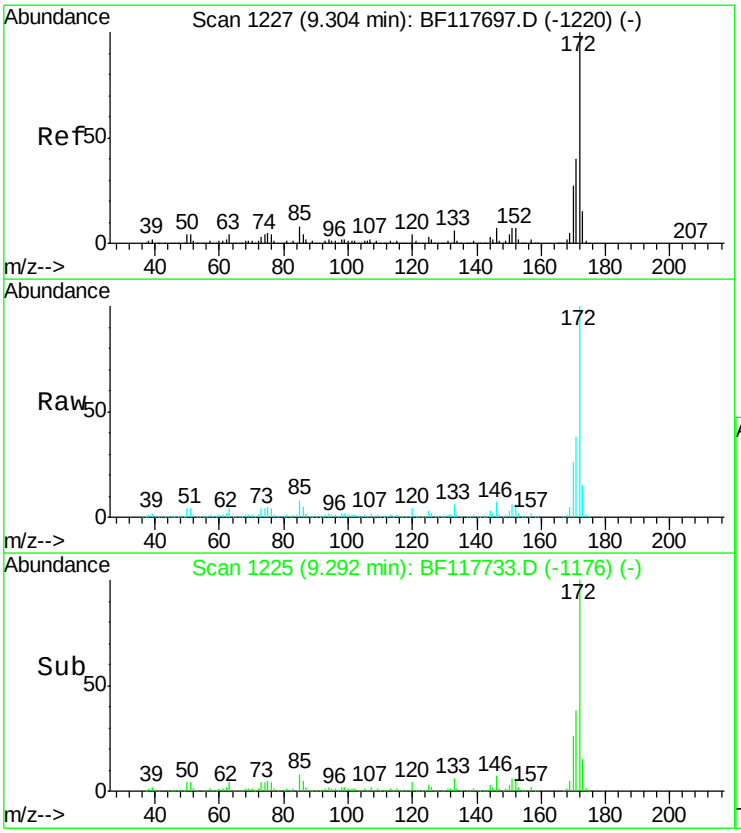
#42
2,4,6-Tribromophenol
Concen: 90.313 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Instrument :
BNA_F
ClientSampleId :
1-C

Tgt Ion:330 Resp: 675639

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.0
141	33.8	28.0	42.0

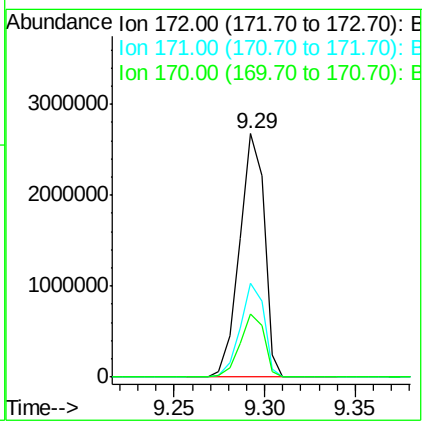


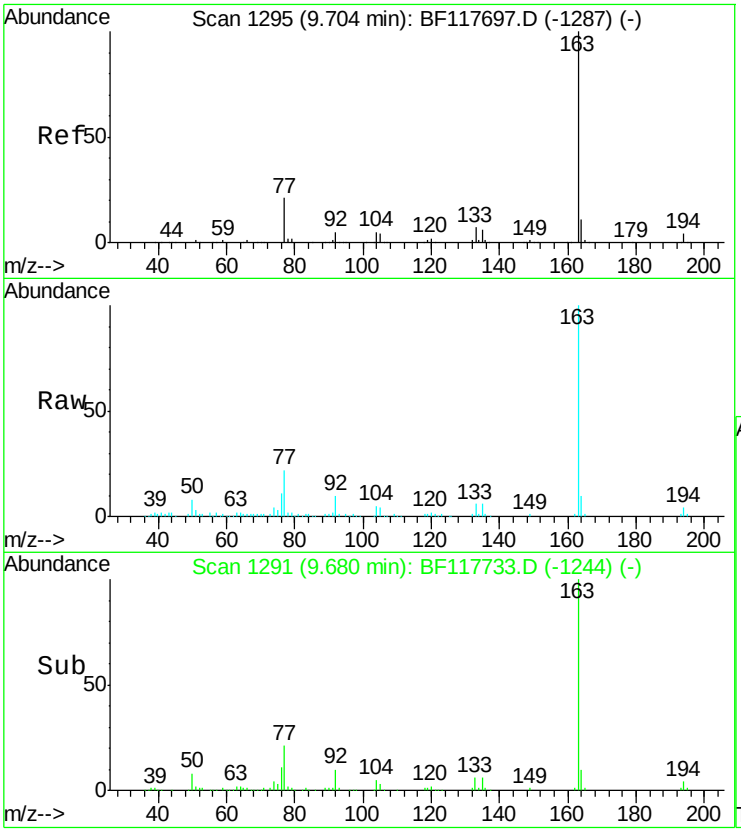


#45
2-Fluorobiphenyl
Concen: 65.509 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Tgt Ion:172 Resp: 2539179

Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.8	47.8
170	26.1	21.6	32.4



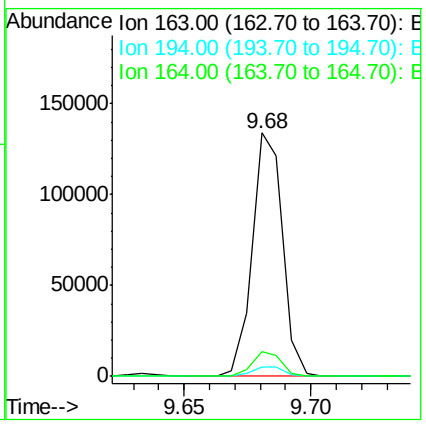


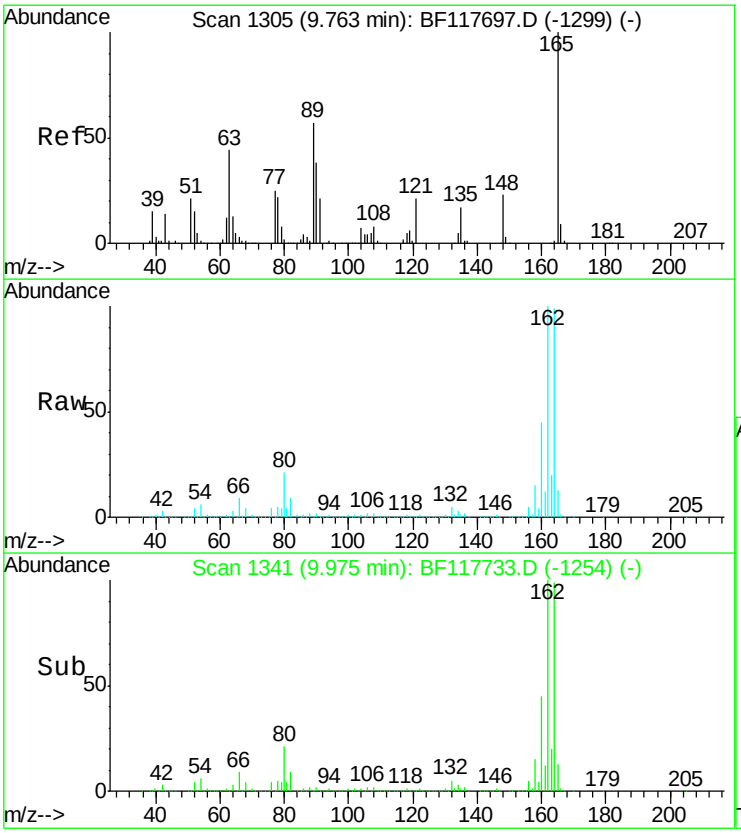
#50
Dimethylphthalate
Concen: 2.151 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Instrument :
BNA_F
ClientSampleId :
1-C

Tgt Ion:163 Resp: 111188

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	10.3	8.9	13.3

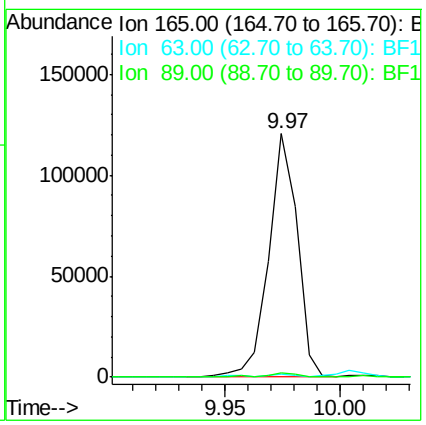


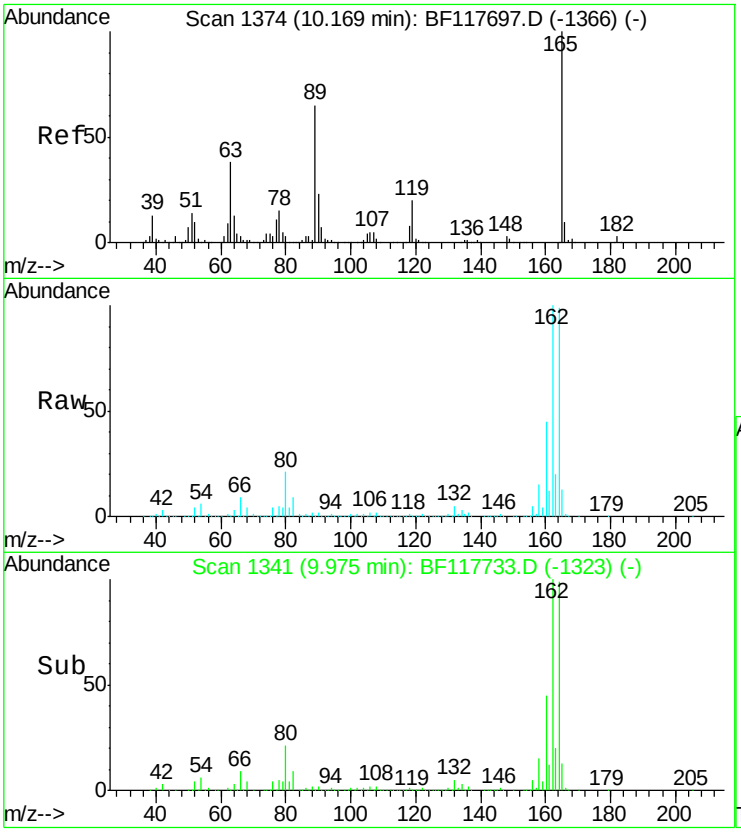


#51
2,6-Dinitrotoluene
Concen: 8.944 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.21 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Tgt Ion:165 Resp: 103544

Ion	Ratio	Lower	Upper
165	100		
63	1.0	45.6	68.4#
89	1.6	45.8	68.6#



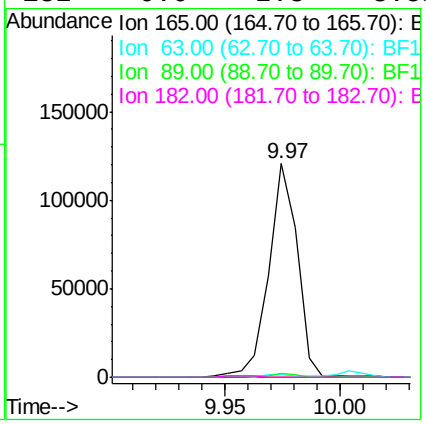


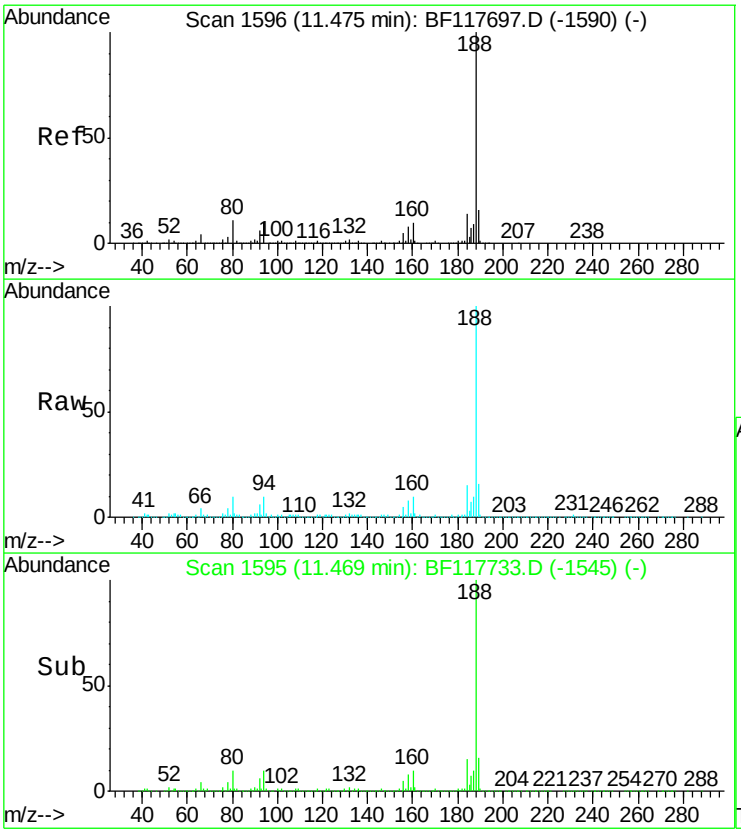
#57
2,4-Dinitrotoluene
Concen: 6.972 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.19 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Instrument :
BNA_F
ClientSampleId :
1-C

Tgt Ion:165 Resp: 103544

Ion	Ratio	Lower	Upper
165	100		
63	1.0	30.4	45.6#
89	1.6	52.2	78.4#
182	0.0	2.3	3.5#

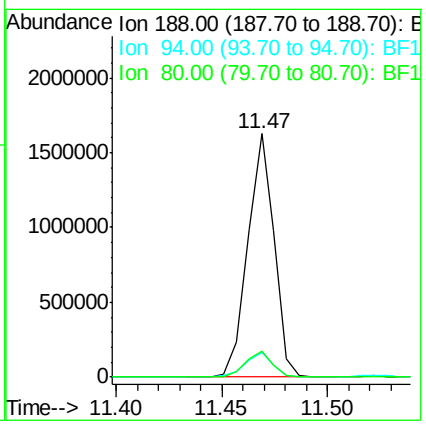


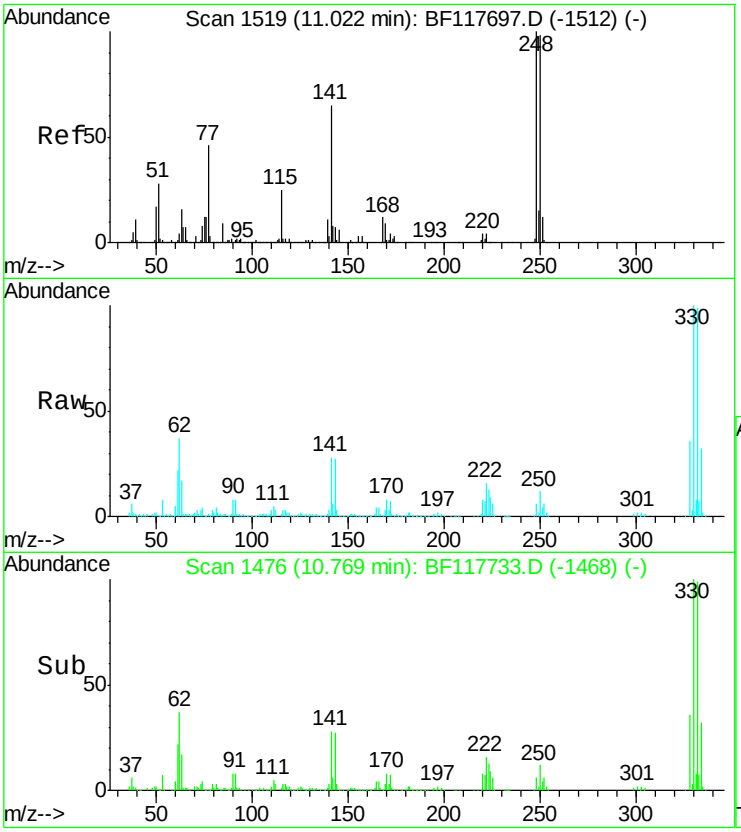


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Tgt Ion:188 Resp: 1401790

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.2	12.4
80	10.5	8.6	13.0



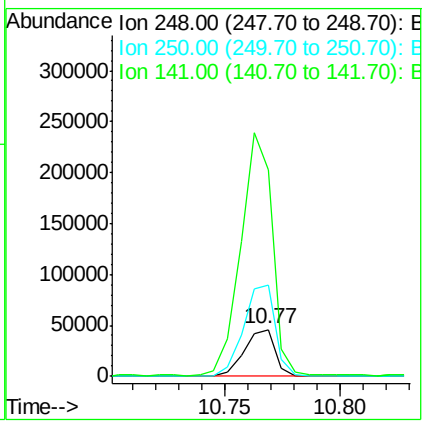


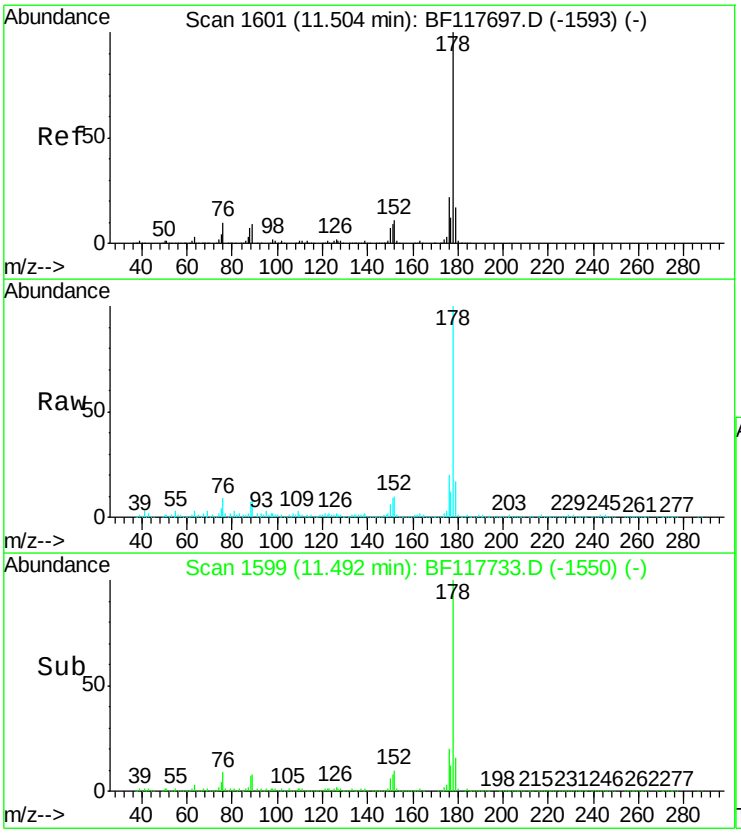
#67
4-Bromophenyl-phenylether
Concen: 2.835 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.25 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Instrument :
BNA_F
ClientSampleId :
1-C

Tgt Ion:248 Resp: 43395

Ion	Ratio	Lower	Upper
248	100		
250	193.1	78.7	118.1#
141	438.1	51.8	77.8#

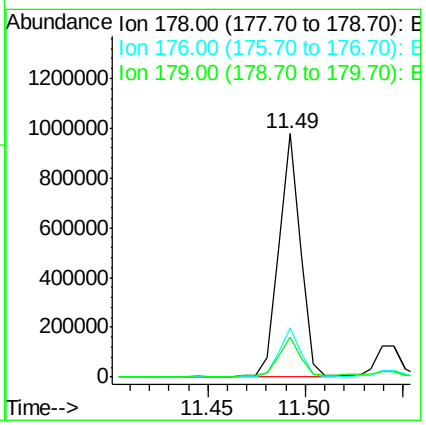


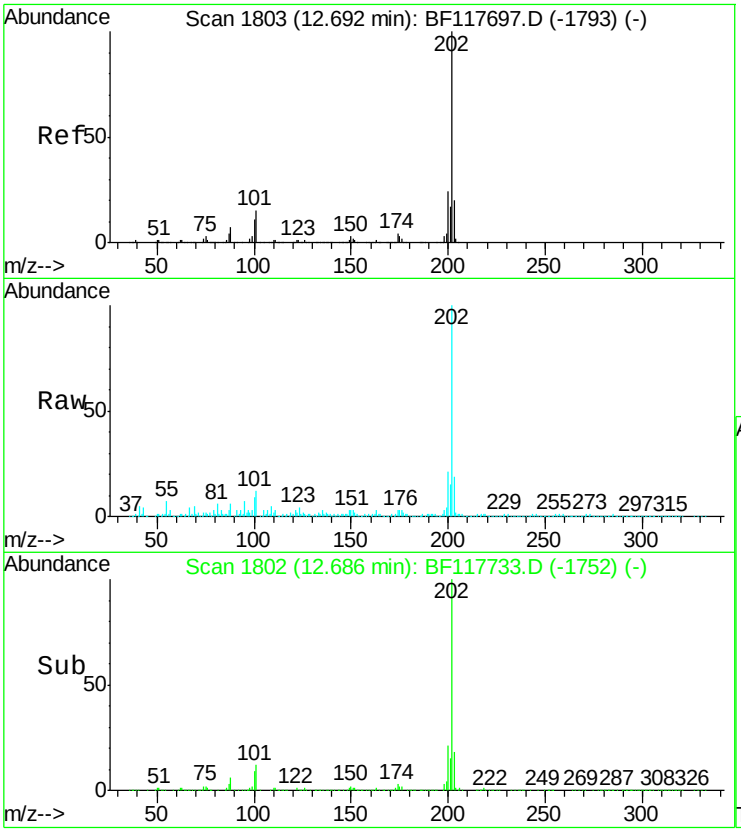


#71
Phenanthrene
Concen: 11.070 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Tgt Ion:178 Resp: 743800

Ion	Ratio	Lower	Upper
178	100		
176	20.3	17.7	26.5
179	16.7	13.8	20.8



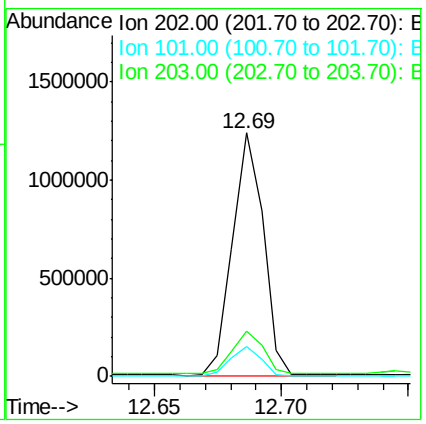


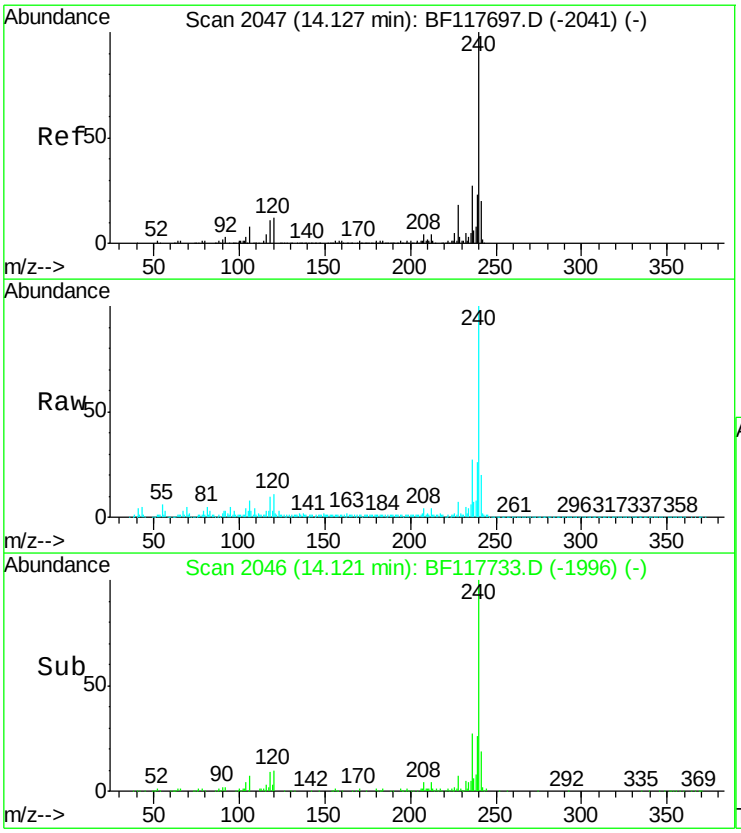
#75
Fluoranthene
Concen: 15.234 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Instrument :
BNA_F
ClientSampleId :
1-C

Tgt Ion:202 Resp: 1045154

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	34.5
203	18.8	0.0	39.8

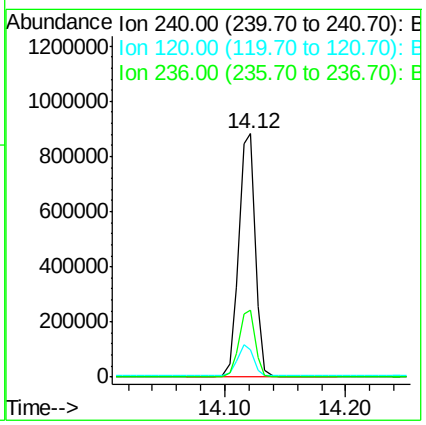


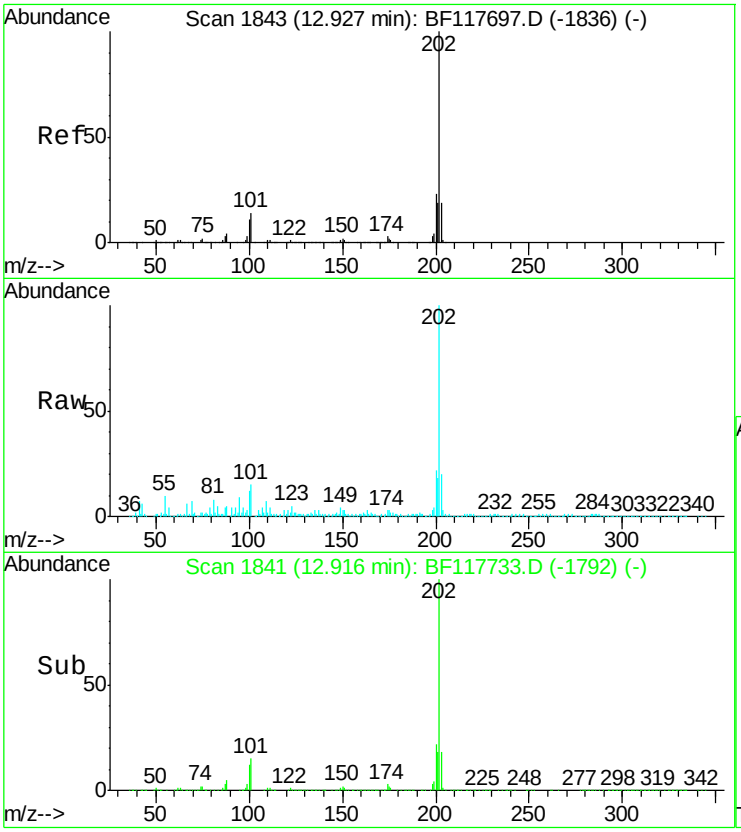


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Tgt Ion:240 Resp: 848254

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.7	14.5
236	27.4	21.9	32.9



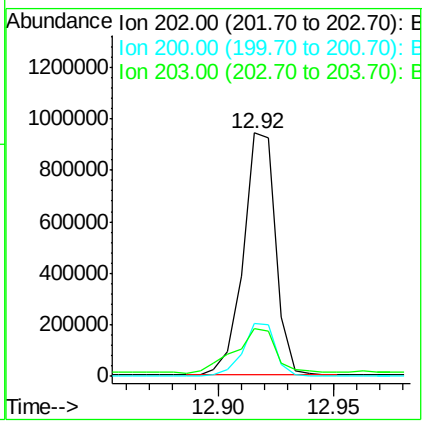


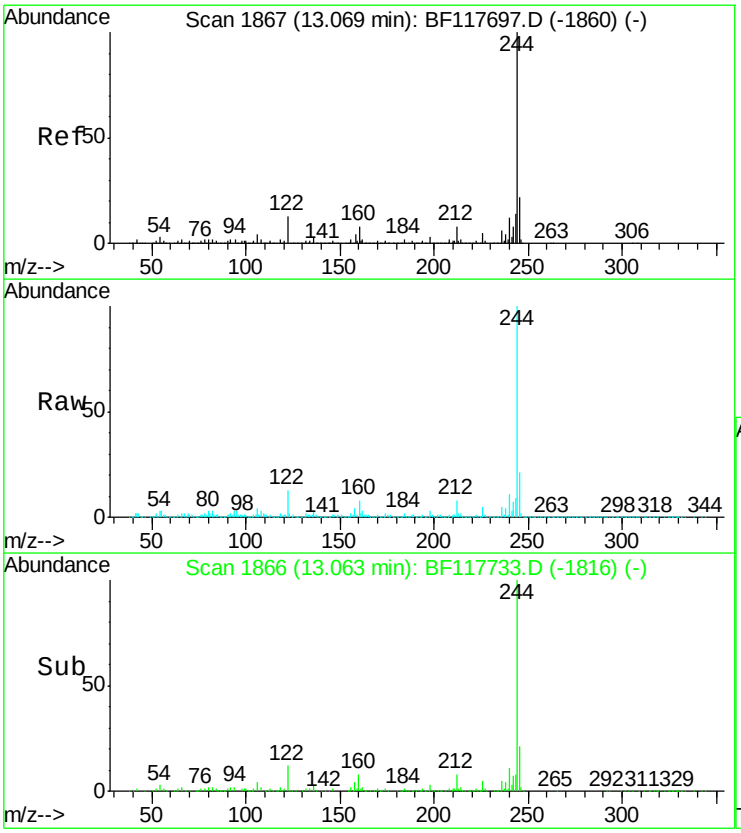
#78
Pyrene
Concen: 14.934 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Instrument :
BNA_F
ClientSampleId :
1-C

Tgt Ion:202 Resp: 924731

Ion	Ratio	Lower	Upper
202	100		
200	21.9	18.8	28.2
203	19.6	15.2	22.8

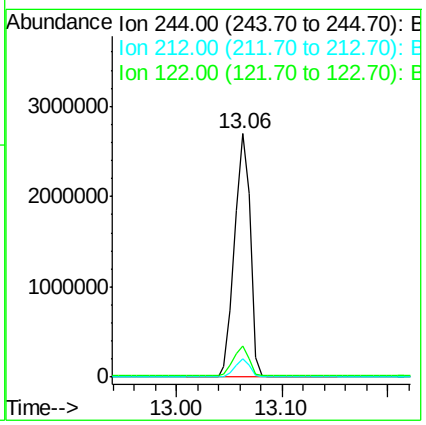


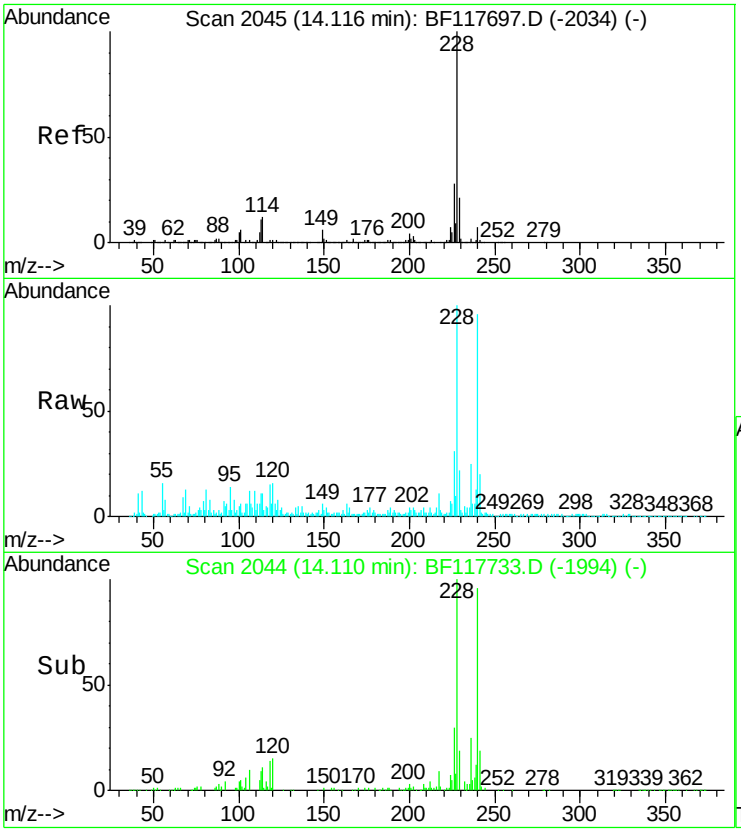


#79
Terphenyl-d14
Concen: 65.728 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Tgt Ion:244 Resp: 2708383

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	12.6	10.0	15.0



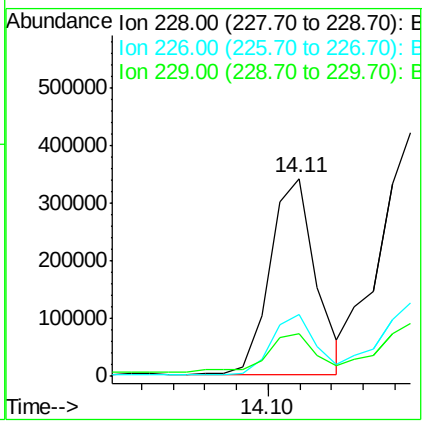


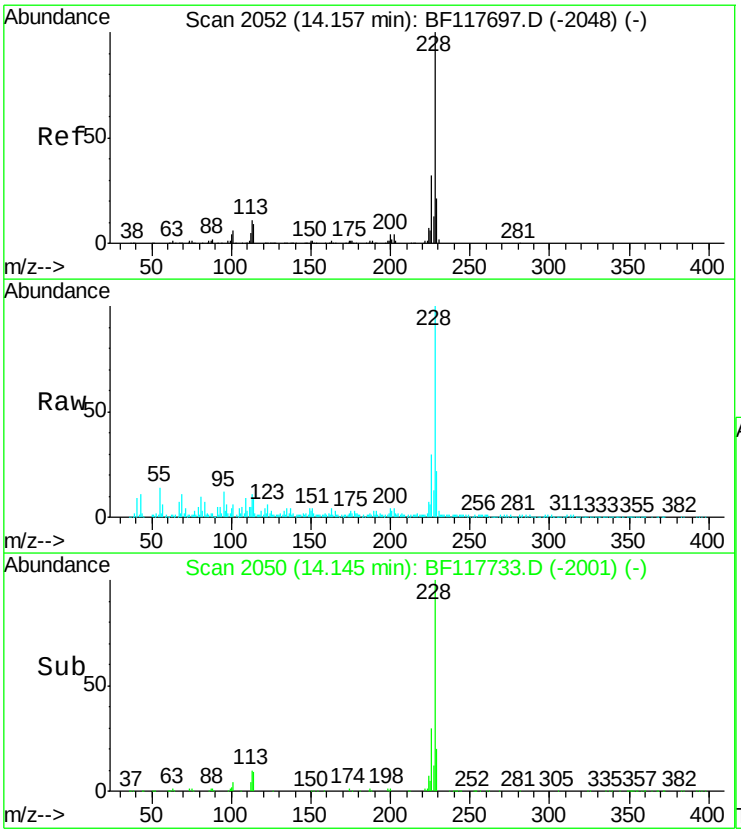
#81
Benzo(a)anthracene
Concen: 6.419 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Instrument :
BNA_F
ClientSampleId :
1-C

Tgt Ion:228 Resp: 338930

Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.8	34.2
229	21.7	16.9	25.3

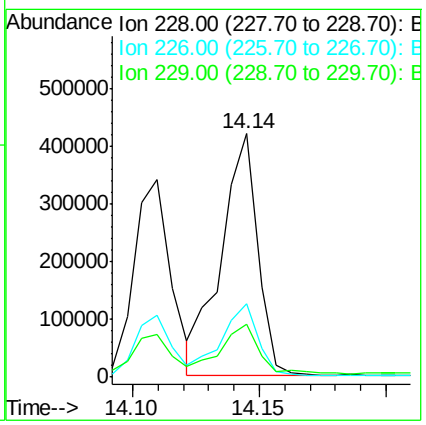


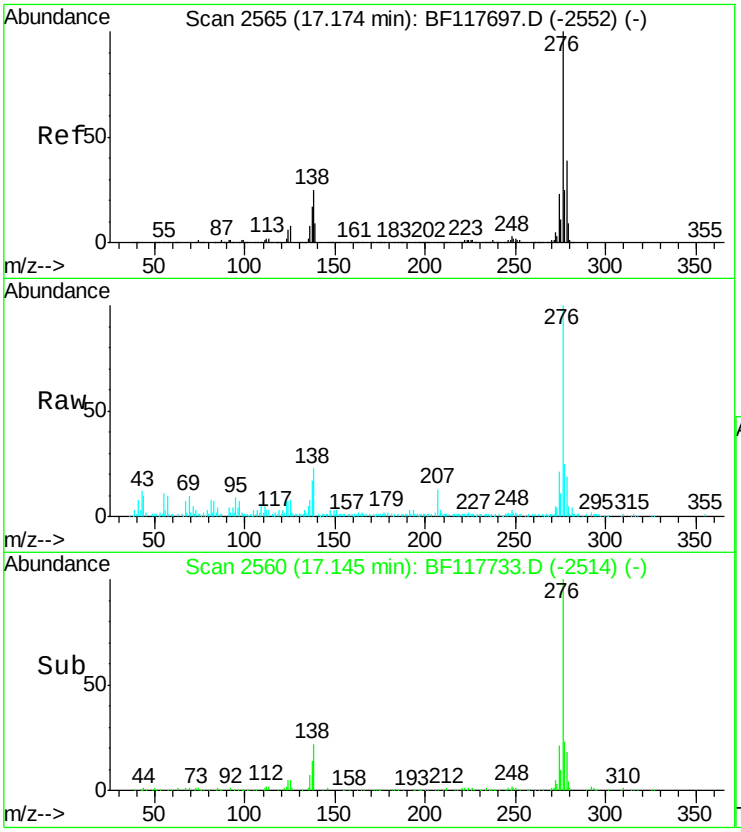


#83
Chrysene
Concen: 8.015 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Tgt Ion:228 Resp: 417940

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.4	38.2
229	21.9	16.6	24.8



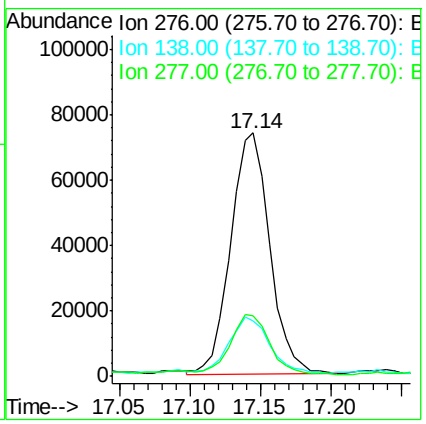


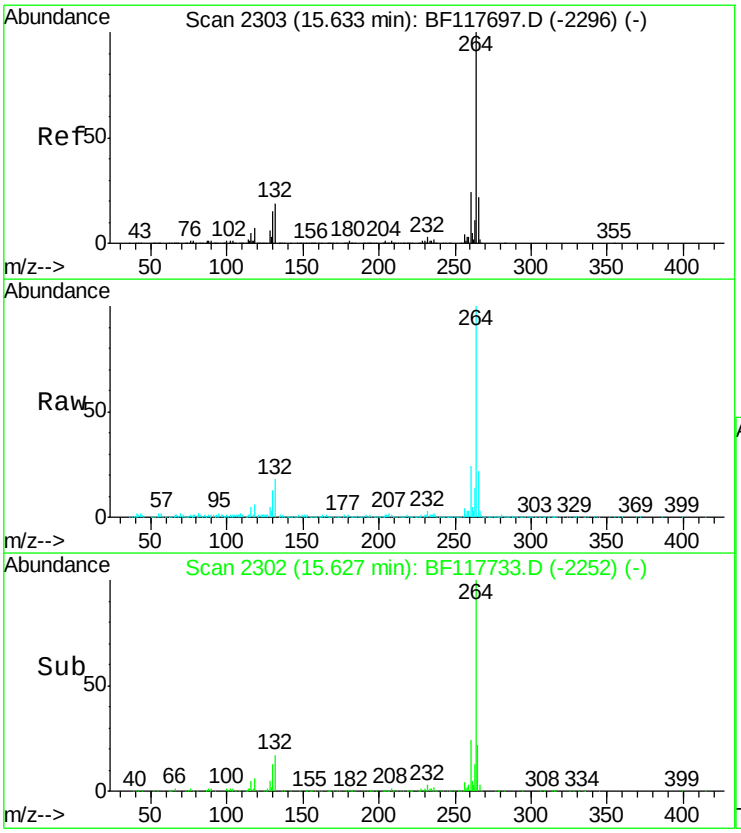
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.942 ng
RT: 17.14 min Scan# 2560
Delta R.T. -0.03 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Instrument :
BNA_F
ClientSampleId :
1-C

Tgt Ion:276 Resp: 142792

Ion	Ratio	Lower	Upper
276	100		
138	23.7	22.4	33.6
277	24.9	20.6	30.8

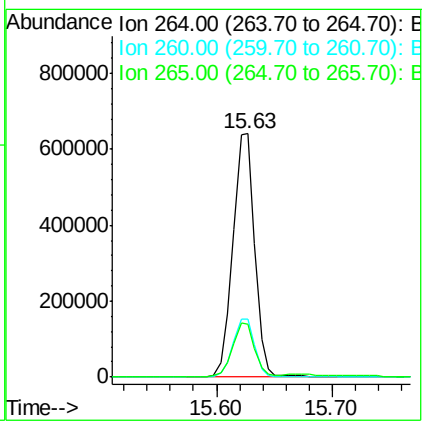


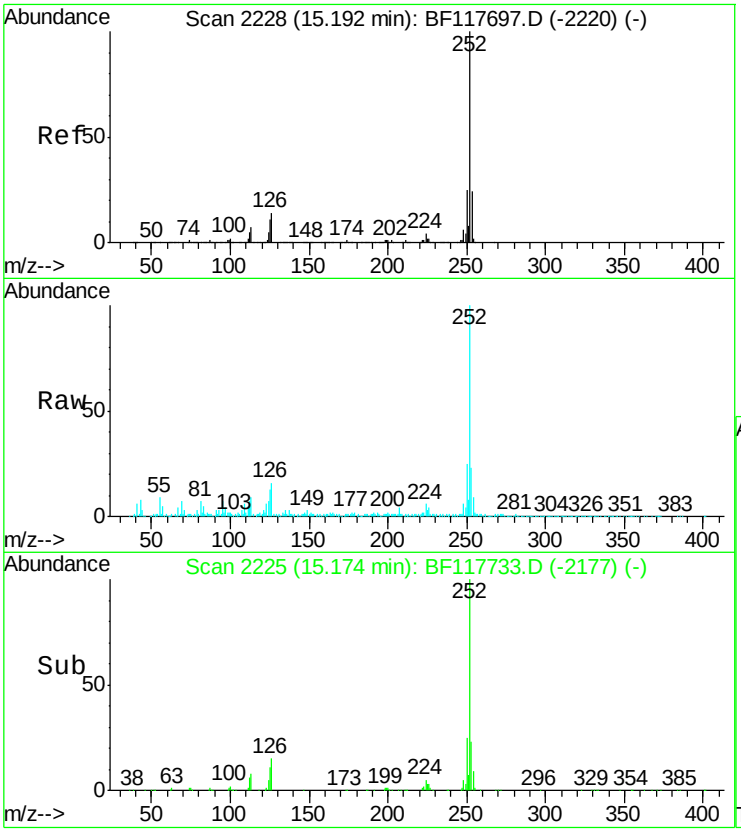


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Tgt Ion:264 Resp: 835775

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	21.8	17.7	26.5



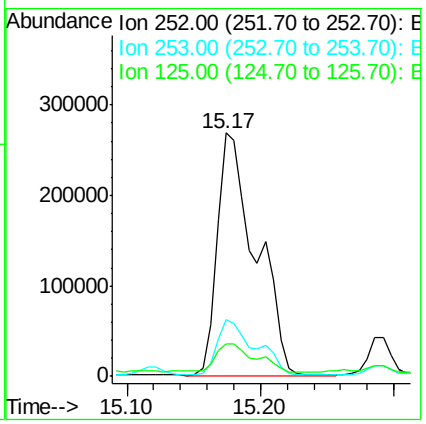


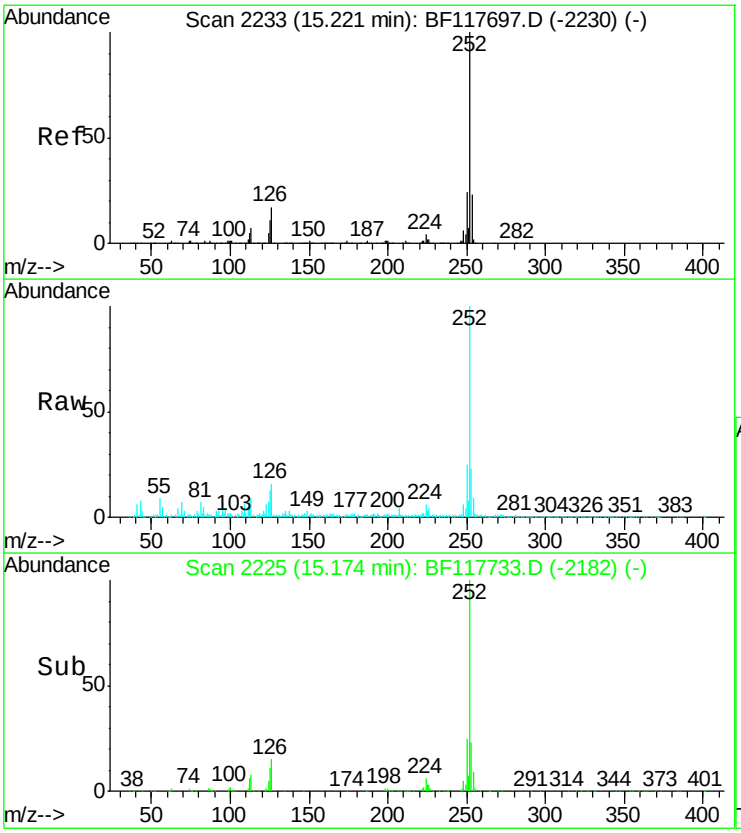
#88
Benzo(b)fluoranthene
Concen: 10.300 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.02 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Instrument :
BNA_F
ClientSampleId :
1-C

Tgt Ion:252 Resp: 542196

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.9	28.3
125	13.3	8.5	12.7#

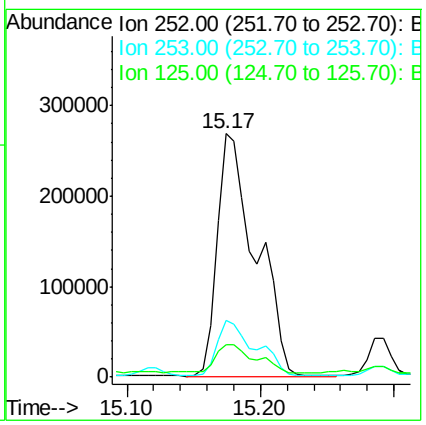


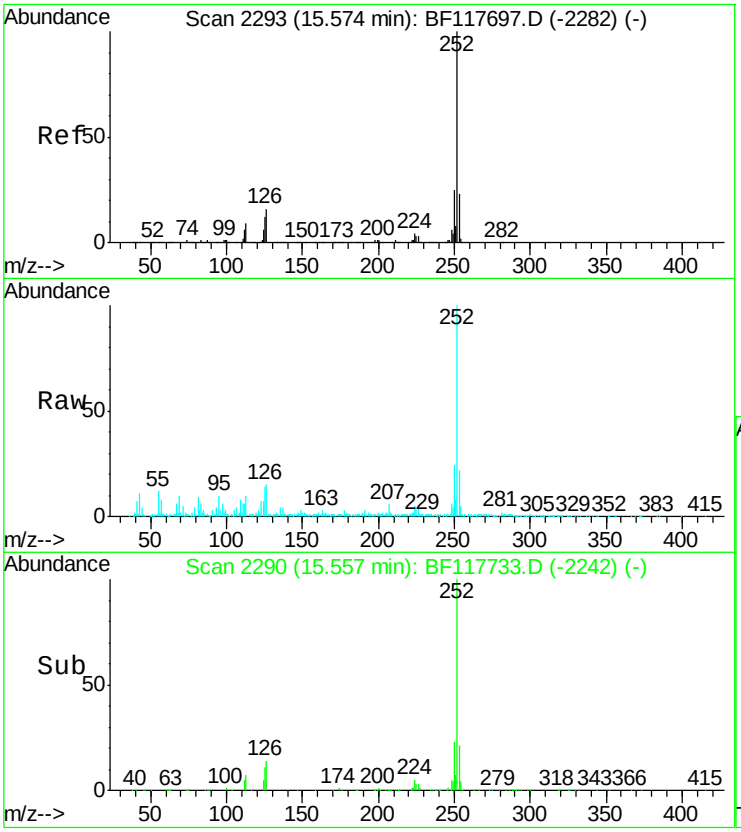


#89
Benzo(k)fluoranthene
Concen: 11.549 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.05 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Tgt Ion:252 Resp: 542196

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	13.3	9.1	13.7



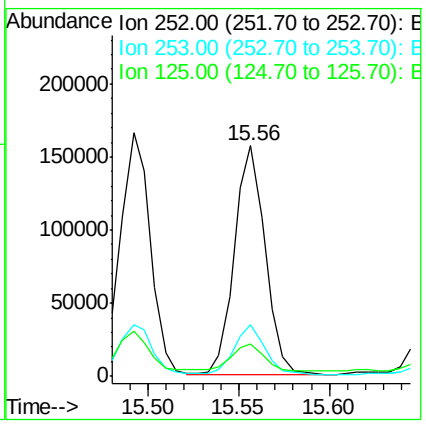


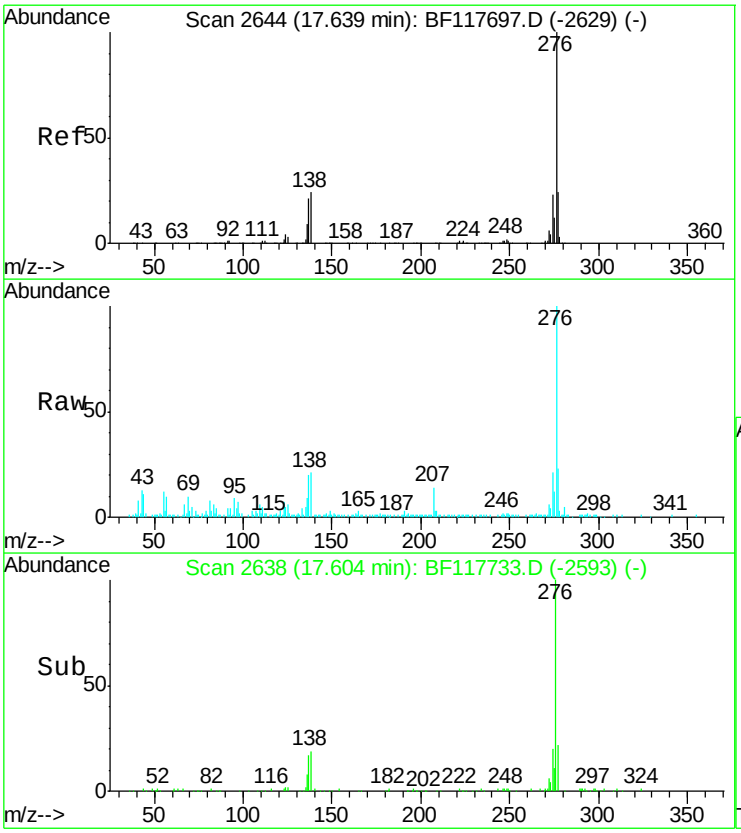
#90
Benzo(a)pyrene
Concen: 4.055 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.02 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Instrument :
BNA_F
ClientSampleId :
1-C

Tgt Ion:252 Resp: 185020

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	14.0	9.5	14.3





#92
Benzo(g,h,i)perylene
Concen: 3.358 ng
RT: 17.60 min Scan# 2638
Delta R.T. -0.04 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Tgt Ion:276 Resp: 133187

Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.4	29.0
138	21.1	19.2	28.8