Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117838.D
Acq On : 18 Nov 2019 16:35
Operator : JU
Sample : K5833-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 18 23:55:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	229439	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	873493	20.00	ng		-0.01
39) Acenaphthene-d10	9.97	164	444452	20.00	ng		0.00
64) Phenanthrene-d10	11.46	188	781194	20.00	ng		0.00
76) Chrysene-d12	14.11	240	447552	20.00	ng		0.00
87) Perylene-d12	15.62	264	578773	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1261164	97.30	ng		0.00
7) Phenol-d6	6.54	99	1602315	102.49	ng		0.00
23) Nitrobenzene-d5	7.48	82	983574	66.94	ng		-0.01
42) 2,4,6-Tribromophenol	10.76	330	457820	97.30	ng		-0.01
45) 2-Fluorobiphenyl	9.29	172	1849262	74.65	ng		0.00
79) Terphenyl-d14	13.05	244	1642742	67.08	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.47	77	1149	Below Cal		#	87
10) Phenol	6.55	94	61903	3.810	ng		96
19) n-Nitroso-di-n-propylamine	7.48	70	135133	14.011	ng	#	76
25) Isophorone	7.48	82	983563	36.521	ng	#	62
50) Dimethylphthalate	9.67	163	289343	9.284	ng		99
57) 2,4-Dinitrotoluene	9.97	165	59358	6.850	ng	#	24
67) 4-Bromophenyl-phenylether	10.76	248	27918	3.312	ng	#	1
71) Phenanthrene	11.49	178	804974	20.495	ng		98
72) Anthracene	11.53	178	125982	3.235	ng		97
75) Fluoranthene	12.67	202	826260	18.705	ng		98
78) Pyrene	12.91	202	831705	22.995	ng		98
81) Benzo(a)anthracene	14.10	228	291463	9.855	ng		96
83) Chrysene	14.13	228	327201	11.417	ng		99
86) Indeno(1,2,3-cd)pyrene	17.14	276	155541	6.377	ng		95
88) Benzo(b)fluoranthene	15.17	252	482610	12.834	ng		100
89) Benzo(k)fluoranthene	15.17	252	482610	13.621	ng		99
90) Benzo(a)pyrene	15.55	252	225575	6.822	ng		99
92) Benzo(g,h,i)perylene	17.60	276	157769	5.566	ng		99

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

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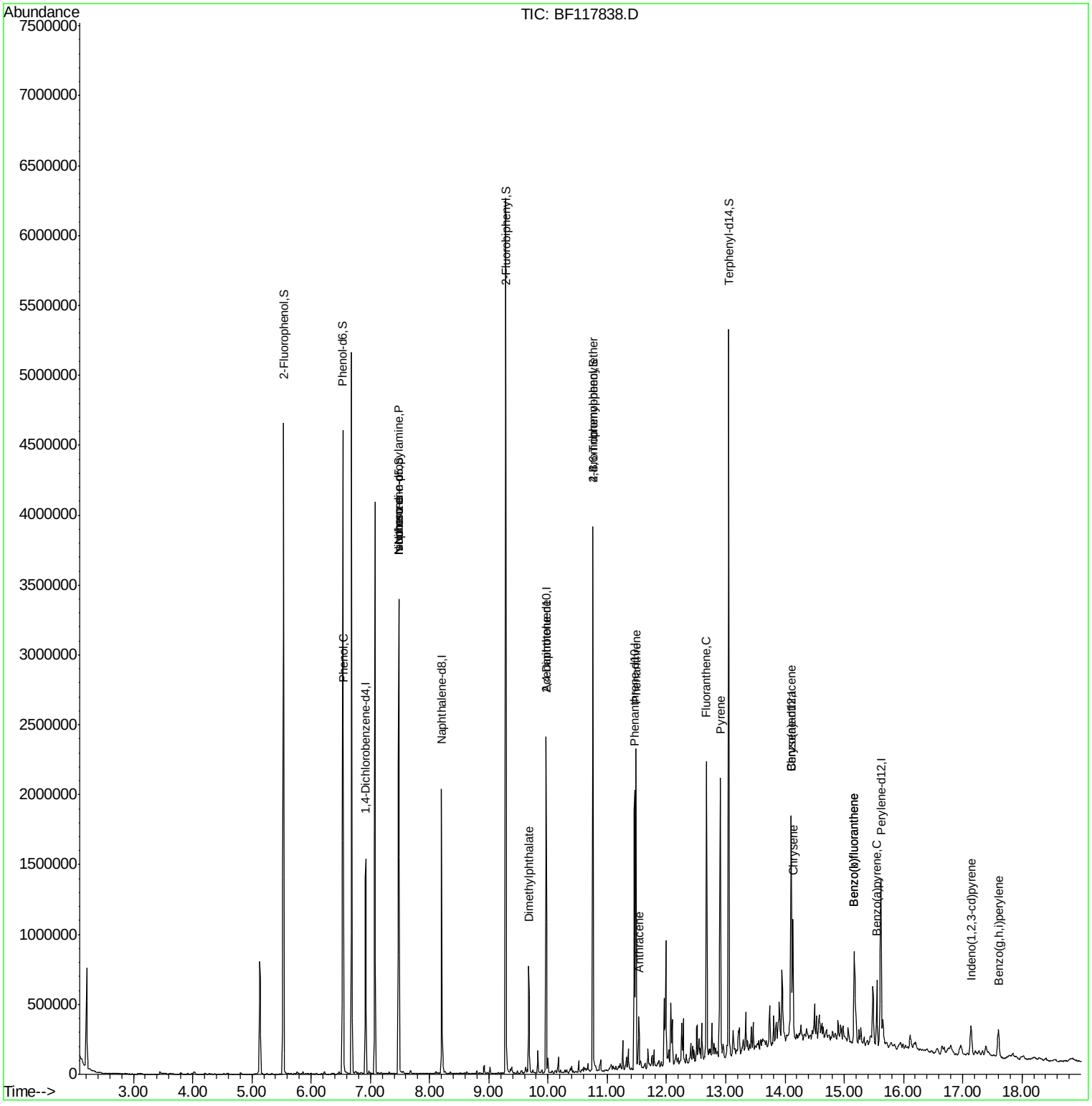
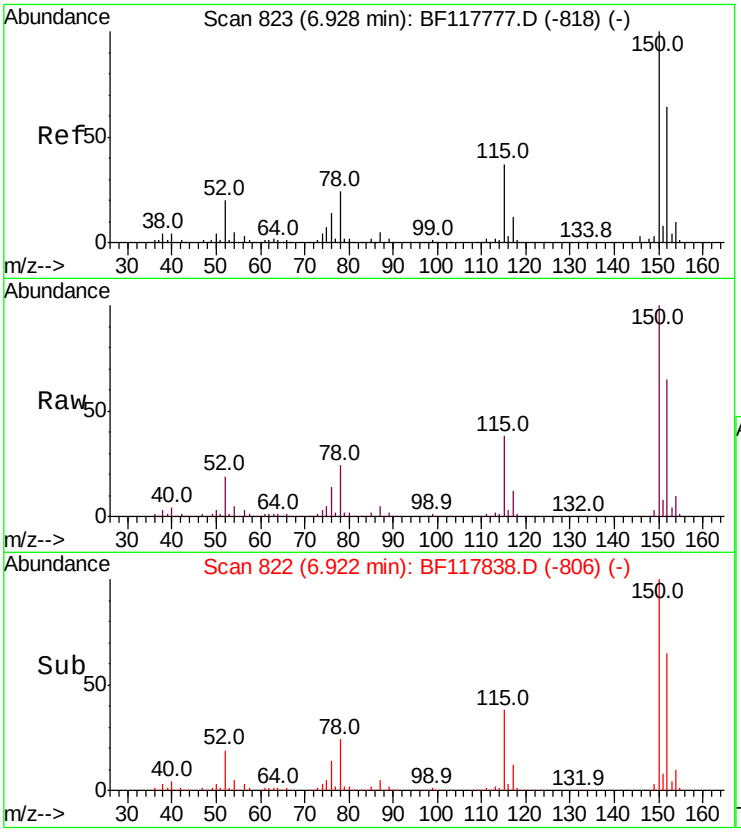


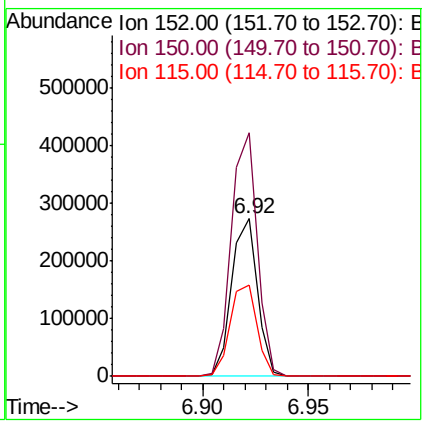


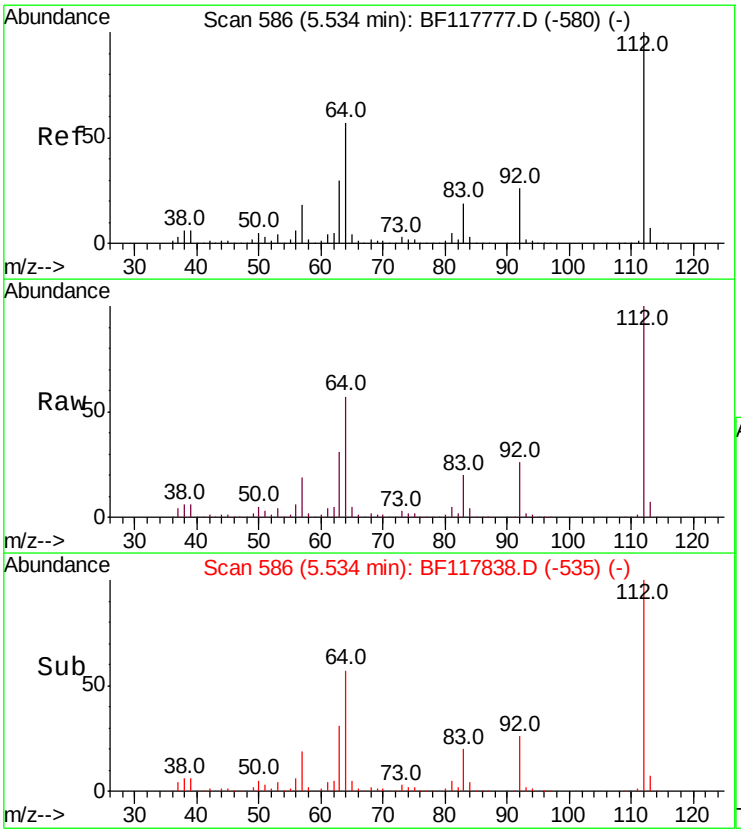
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117838.D
Acq: 18 Nov 2019 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 229439

Ion	Ratio	Lower	Upper
152	100		
150	154.4	125.3	187.9
115	58.1	47.0	70.4

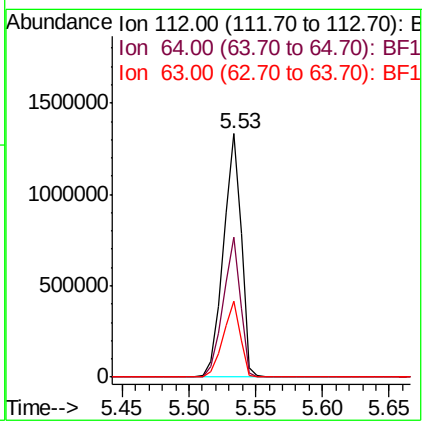


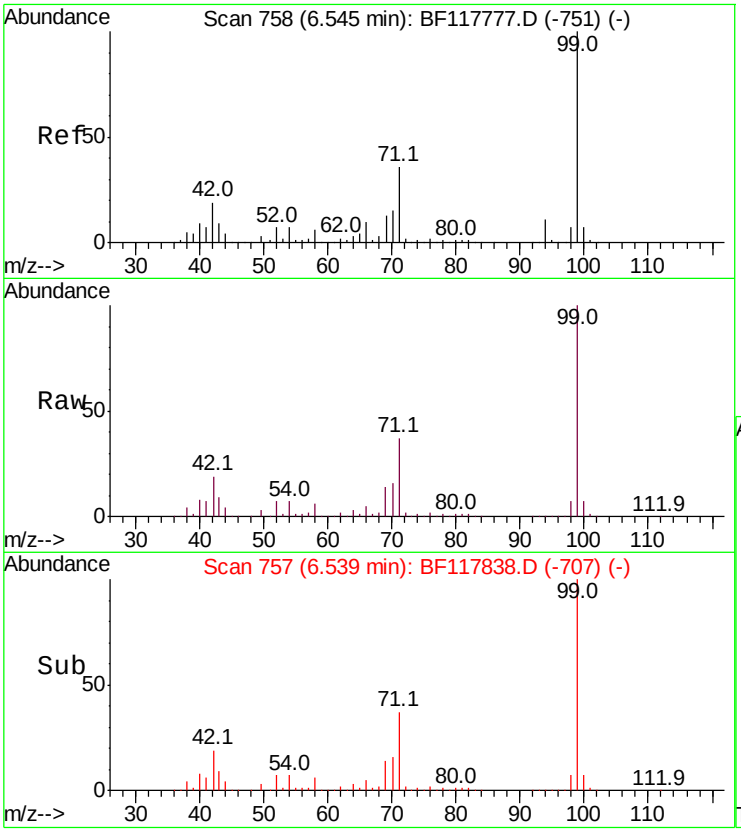


#5
2-Fluorophenol
Concen: 97.298 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF117838.D
Acq: 18 Nov 2019 16:35

Tgt Ion:112 Resp: 1261164

Ion	Ratio	Lower	Upper
112	100		
64	57.4	45.6	68.4
63	31.1	24.1	36.1



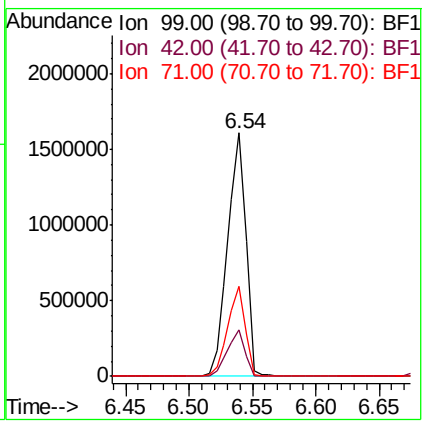


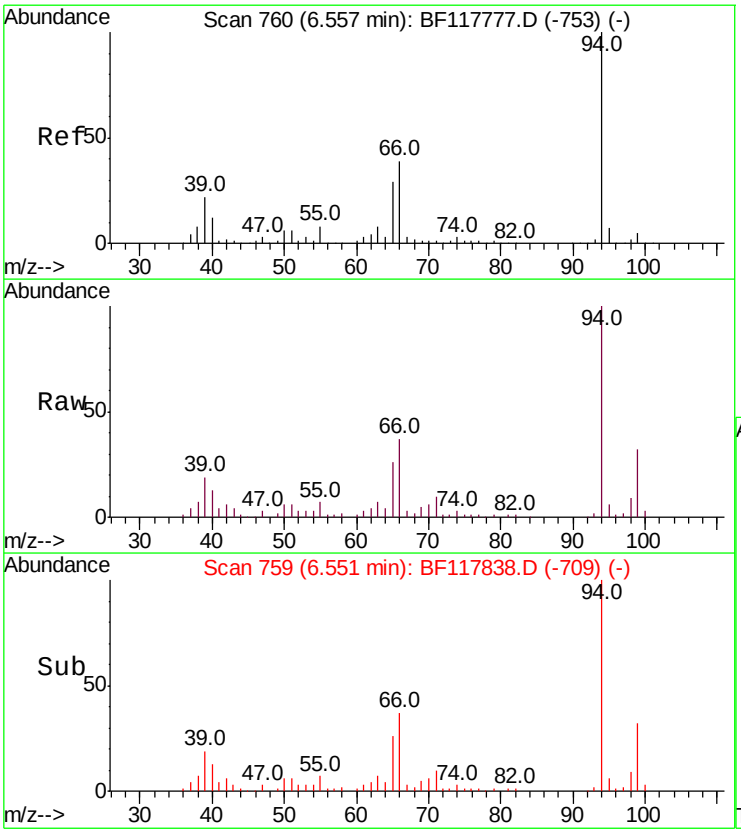
#7
Phenol-d6
Concen: 102.488 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF117838.D
Acq: 18 Nov 2019 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1602315

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.9	22.3
71	37.0	28.6	43.0

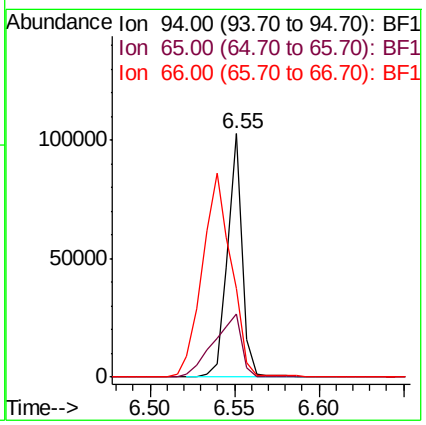


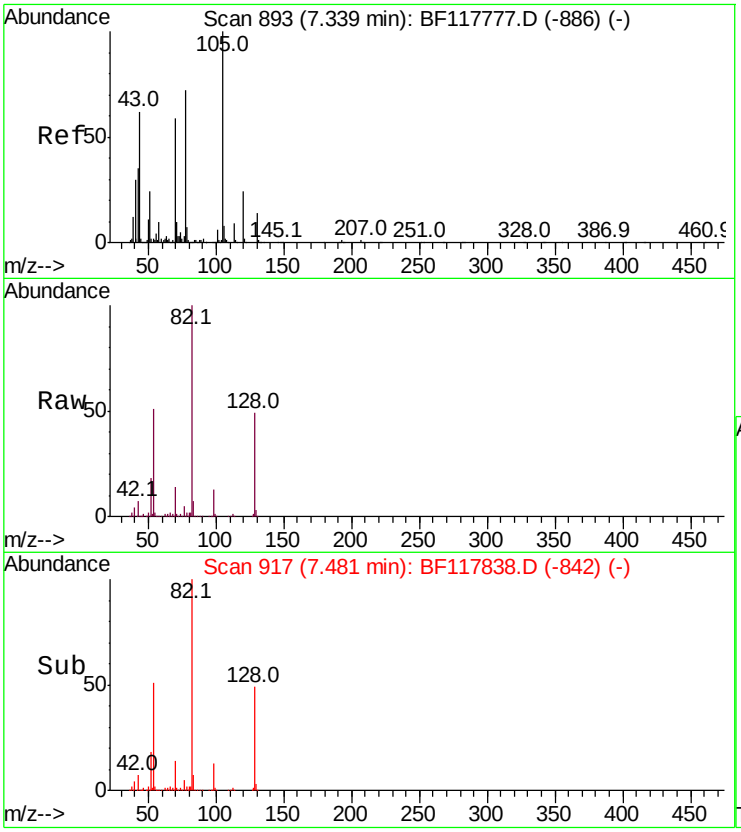


#10
Phenol
Concen: 3.810 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF117838.D
Acq: 18 Nov 2019 16:35

Tgt Ion: 94 Resp: 61903

Ion	Ratio	Lower	Upper
94	100		
65	26.0	8.9	48.9
66	36.7	18.7	58.7



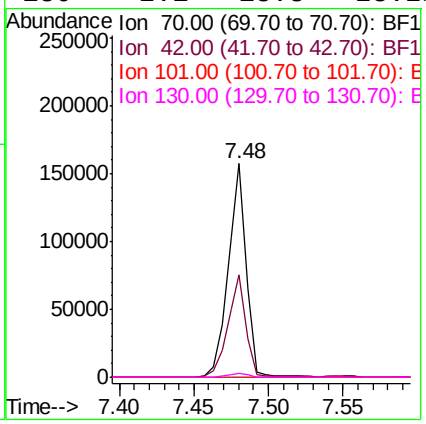


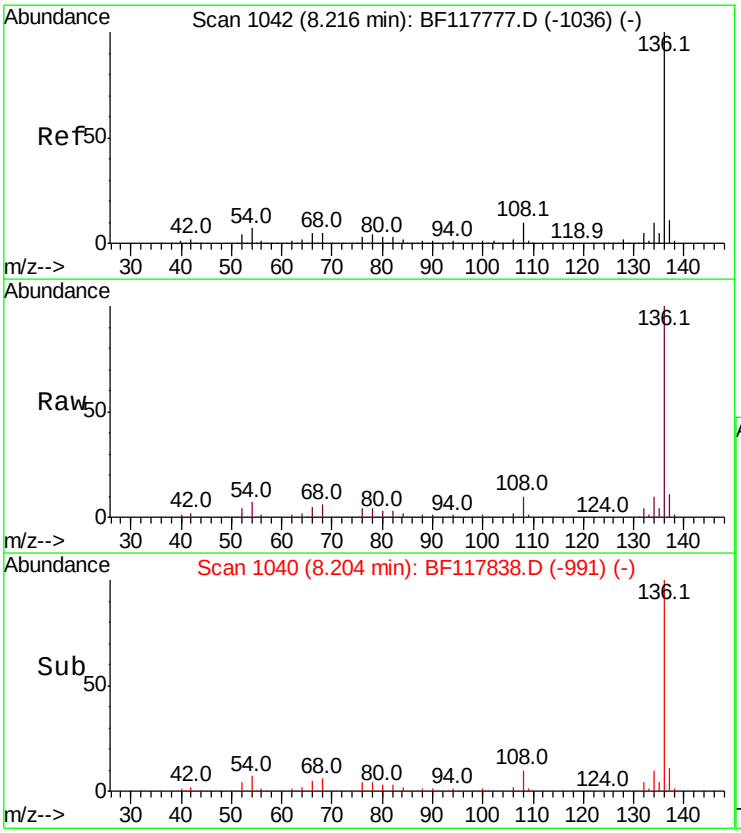
#19
n-Nitroso-di-n-propylamine
Concen: 14.011 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.14 min
Lab File: BF117838.D
Acq: 18 Nov 2019 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 135133

Ion	Ratio	Lower	Upper
70	100		
42	47.7	47.4	71.2
101	0.0	8.4	12.6#
130	2.1	18.8	28.2#

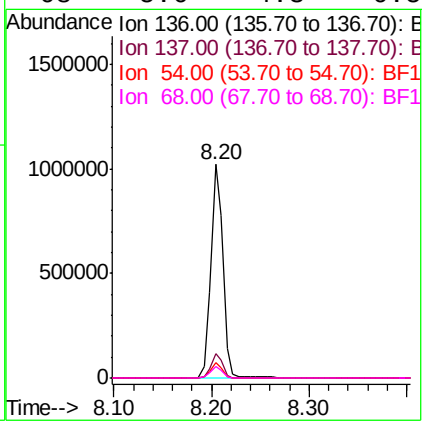


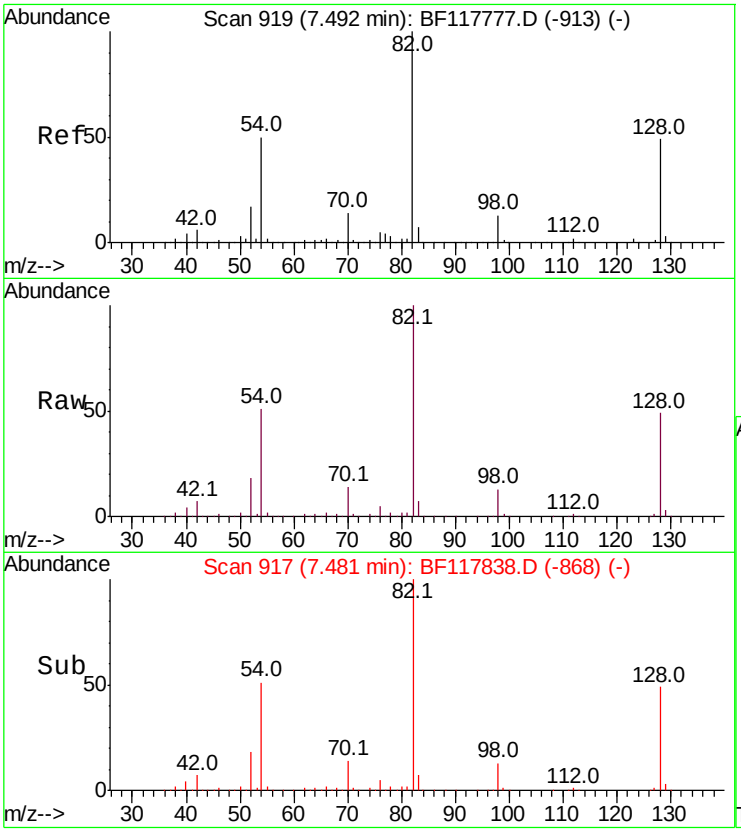


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117838.D
Acq: 18 Nov 2019 16:35

Tgt Ion:136 Resp: 873493

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.2	5.4	8.2
68	5.6	4.3	6.5



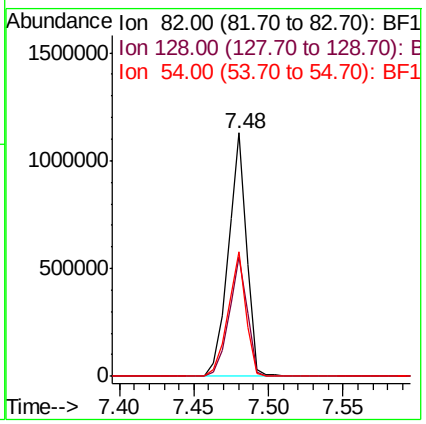


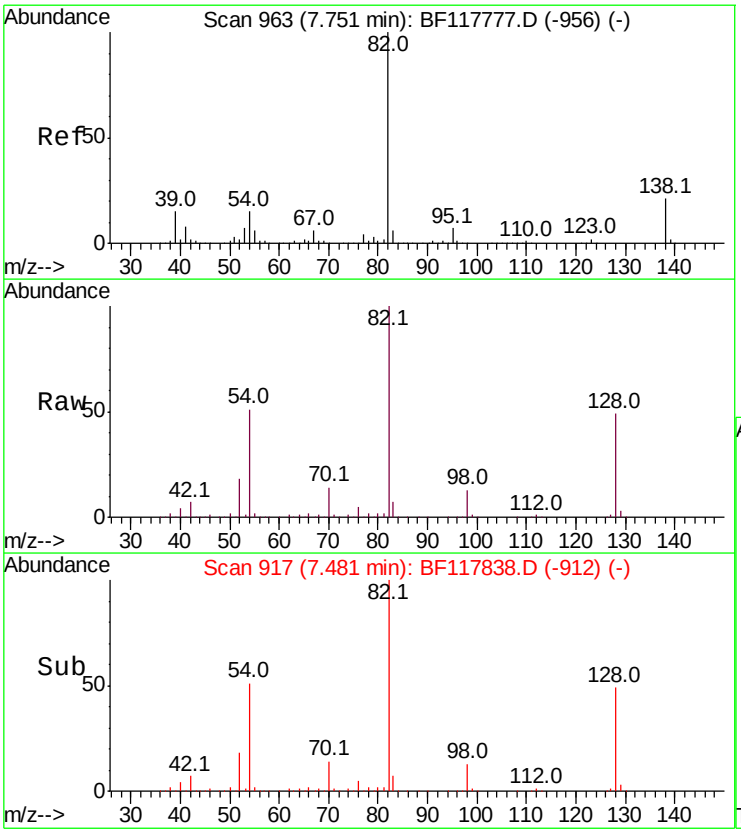
#23
Nitrobenzene-d5
Concen: 66.937 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117838.D
Acq: 18 Nov 2019 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 983574

Ion	Ratio	Lower	Upper
82	100		
128	48.8	38.9	58.3
54	51.1	39.8	59.6

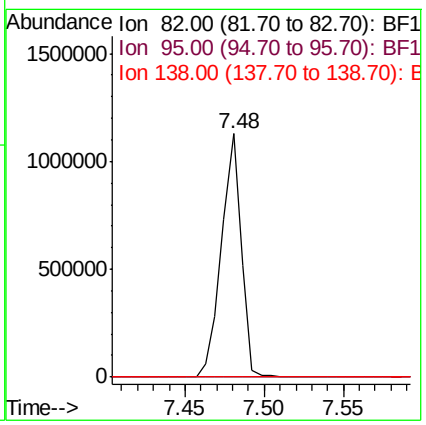


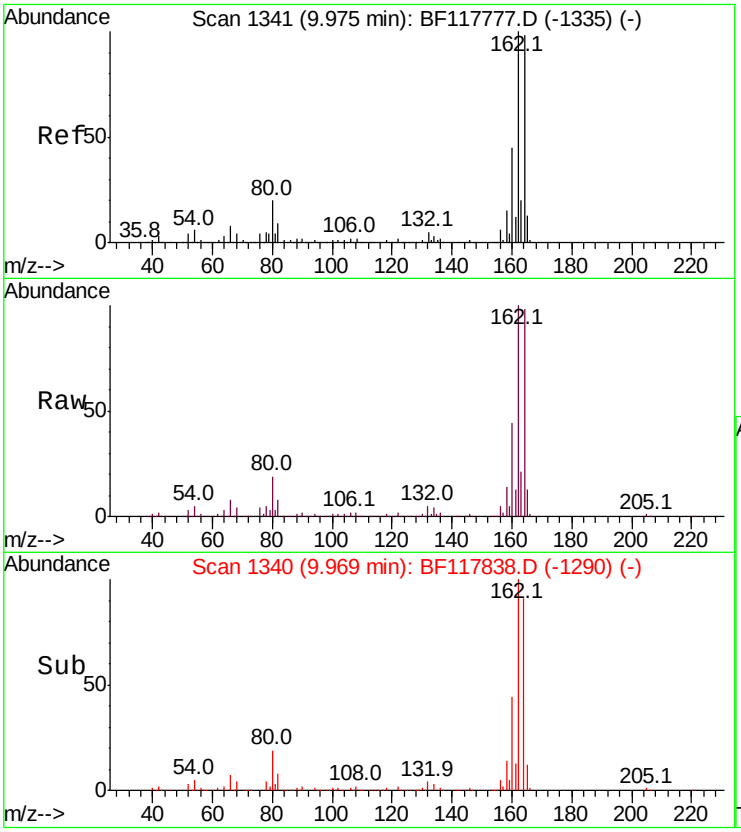


#25
Isophorone
Concen: 36.521 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.27 min
Lab File: BF117838.D
Acq: 18 Nov 2019 16:35

Tgt Ion: 82 Resp: 983563

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



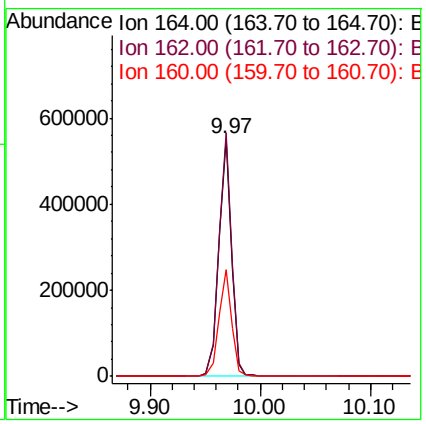


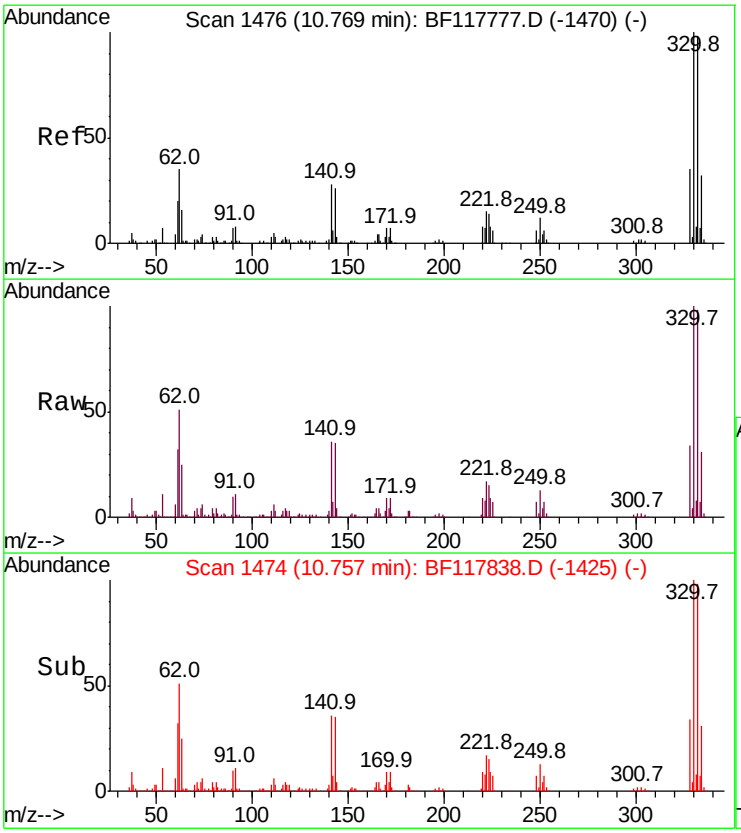
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117838.D
Acq: 18 Nov 2019 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 444452

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.3	121.9
160	45.1	36.6	55.0

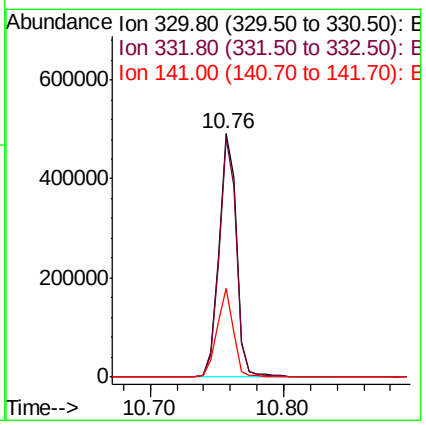


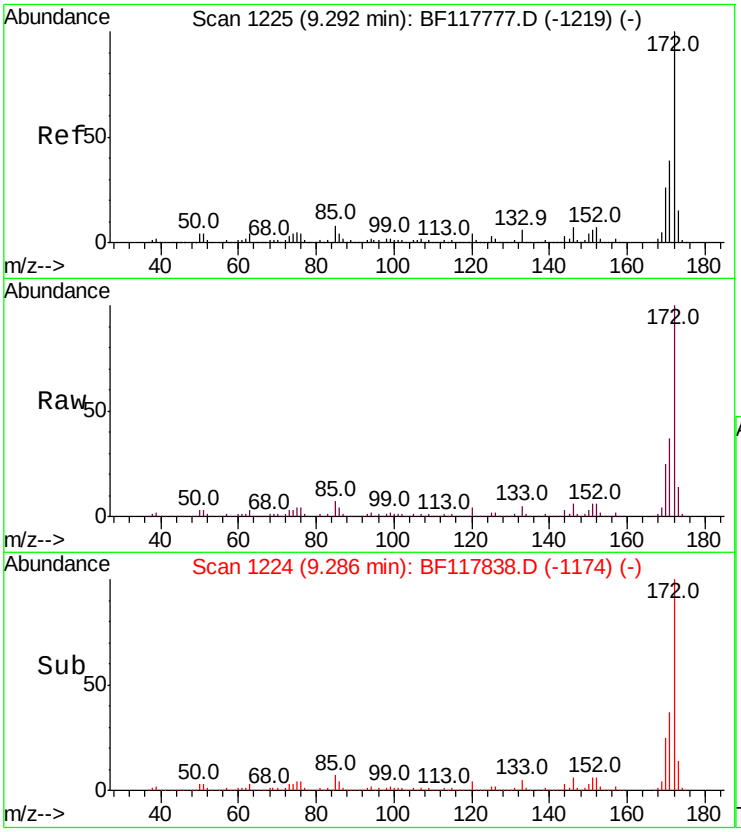


#42
2,4,6-Tribromophenol
Concen: 97.297 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117838.D
Acq: 18 Nov 2019 16:35

Tgt Ion:330 Resp: 457820

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.7	115.1
141	33.8	27.7	41.5



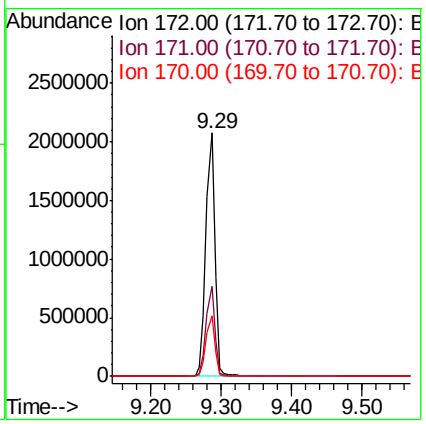


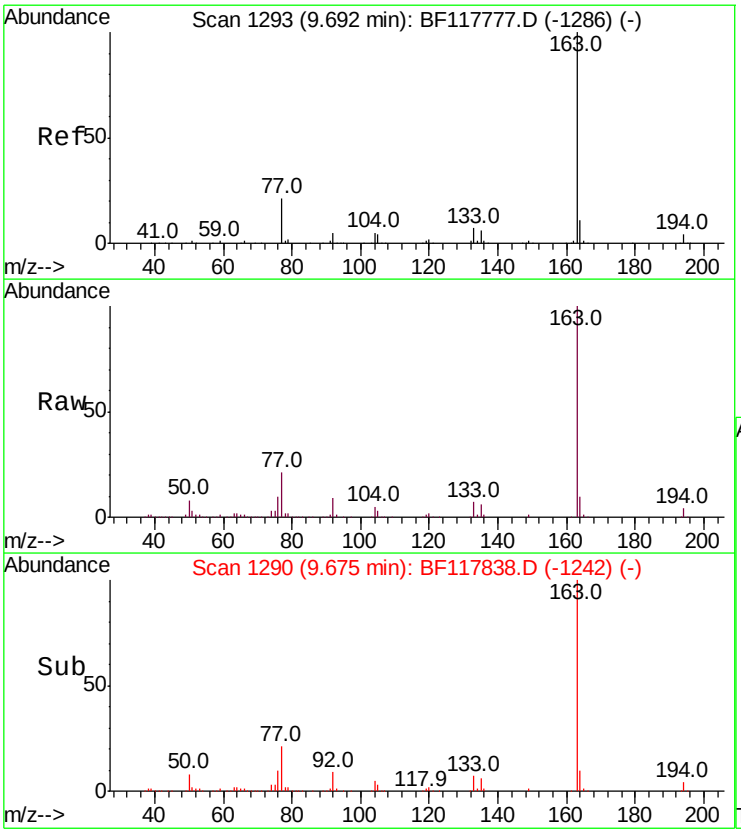
#45
2-Fluorobiphenyl
Concen: 74.646 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117838.D
Acq: 18 Nov 2019 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1849262

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.9	46.3
170	25.1	21.0	31.4

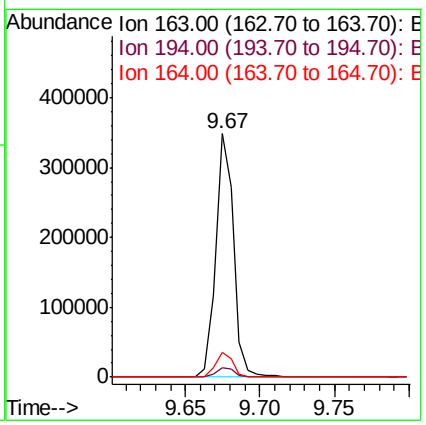


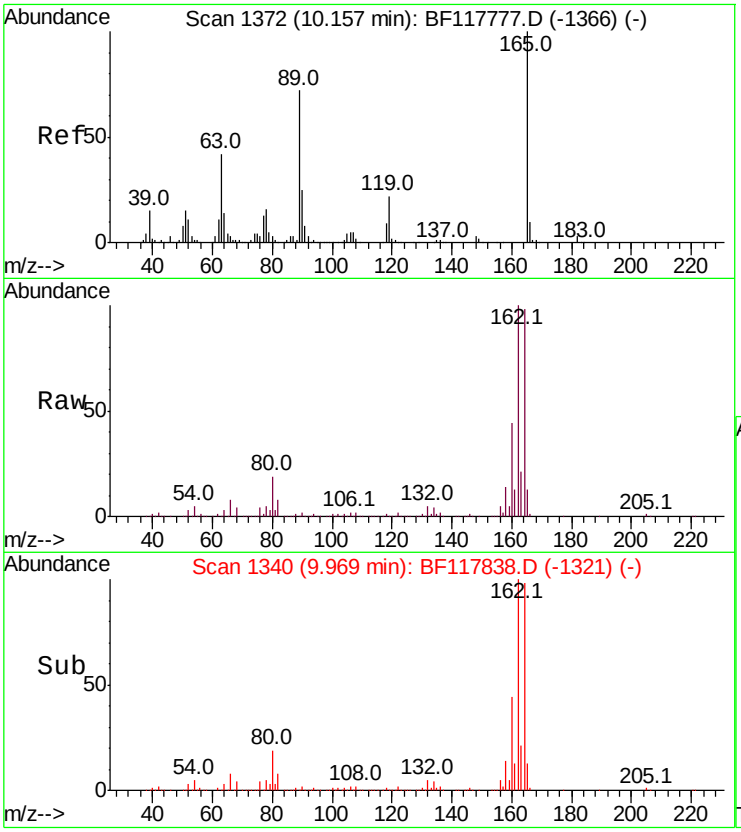


#50
Dimethylphthalate
Concen: 9.284 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117838.D
Acq: 18 Nov 2019 16:35

Tgt Ion:163 Resp: 289343

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.3	4.9
164	10.3	8.7	13.1



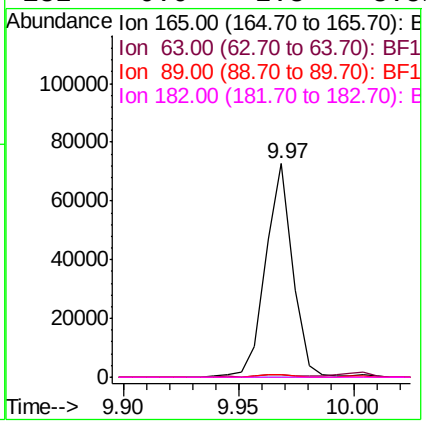


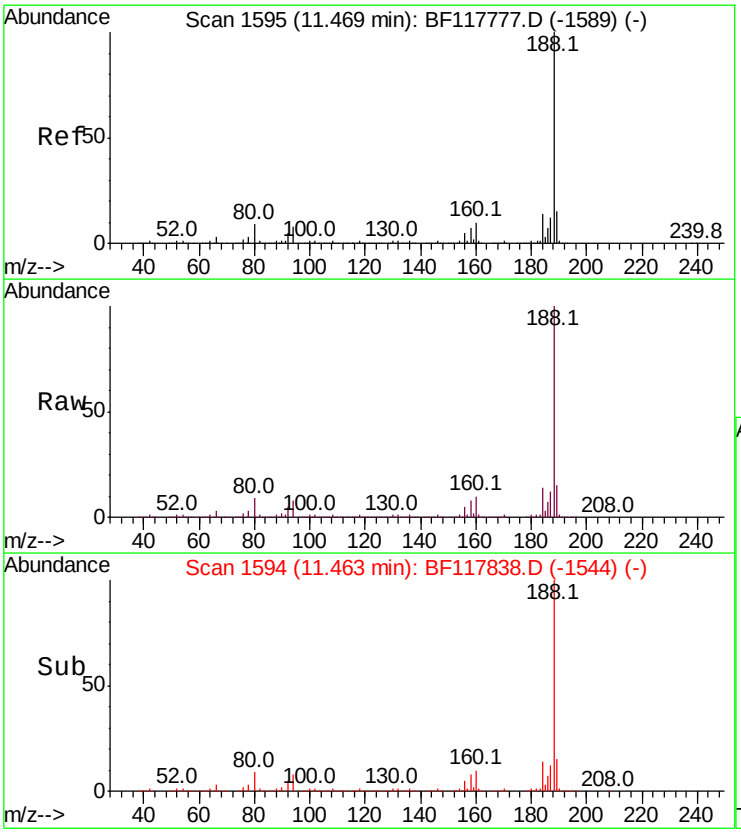
#57
2,4-Dinitrotoluene
Concen: 6.850 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.19 min
Lab File: BF117838.D
Acq: 18 Nov 2019 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 59358

Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.7	50.5#
89	1.2	57.3	85.9#
182	0.0	2.3	3.5#

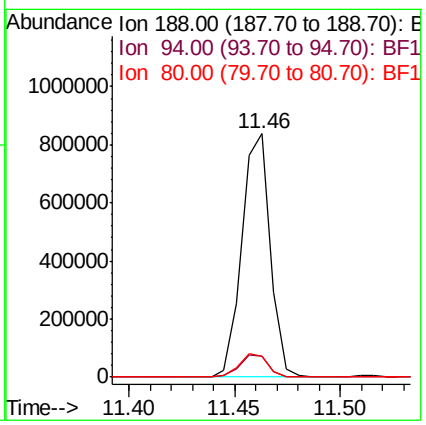


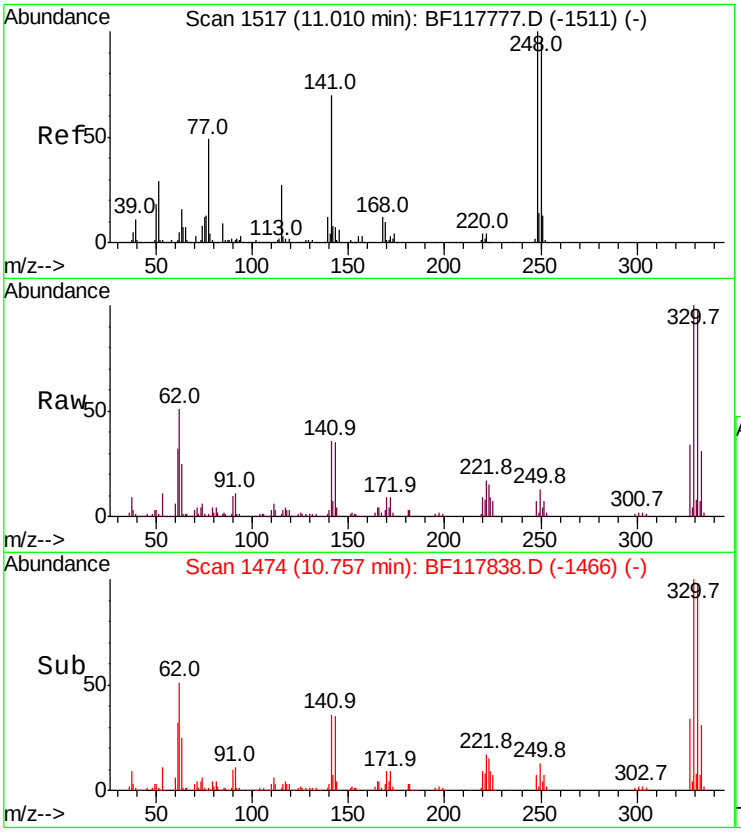


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117838.D
Acq: 18 Nov 2019 16:35

Tgt Ion:188 Resp: 781194

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.6	10.0
80	8.6	7.2	10.8



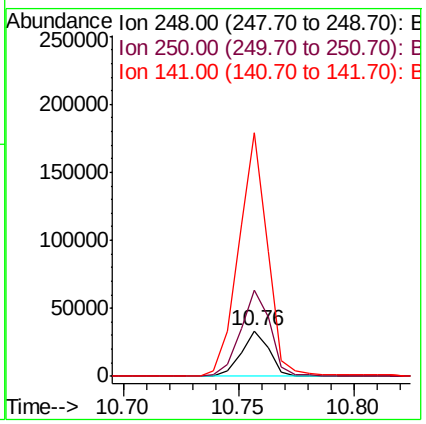


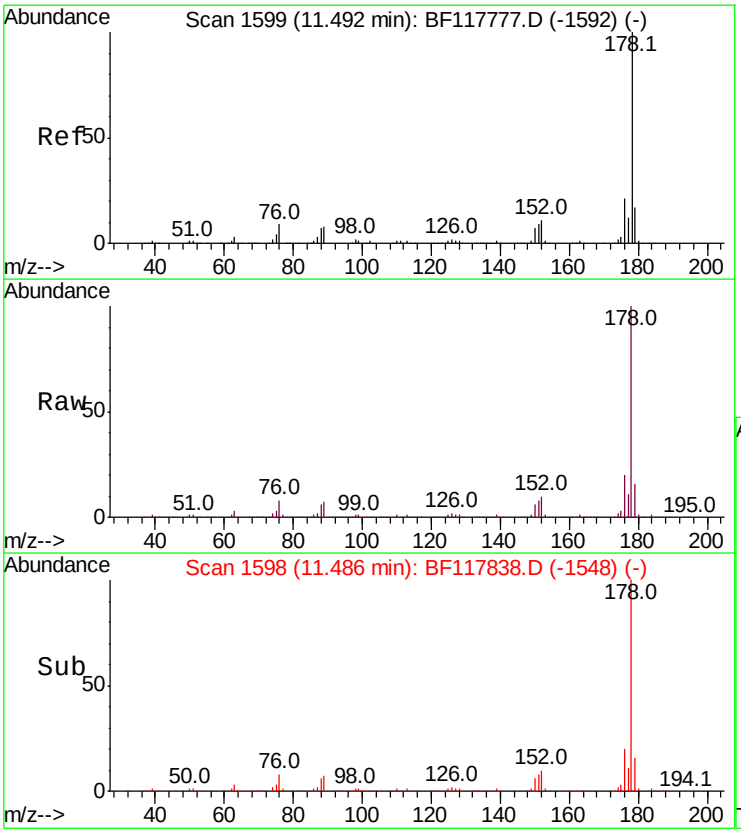
#67
4-Bromophenyl-phenylether
Concen: 3.312 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.25 min
Lab File: BF117838.D
Acq: 18 Nov 2019 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 27918

Ion	Ratio	Lower	Upper
248	100		
250	191.2	76.6	115.0#
141	537.4	55.9	83.9#

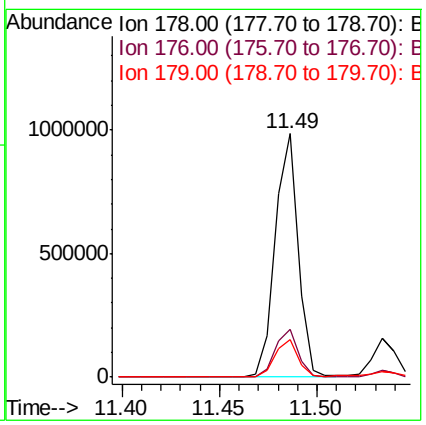


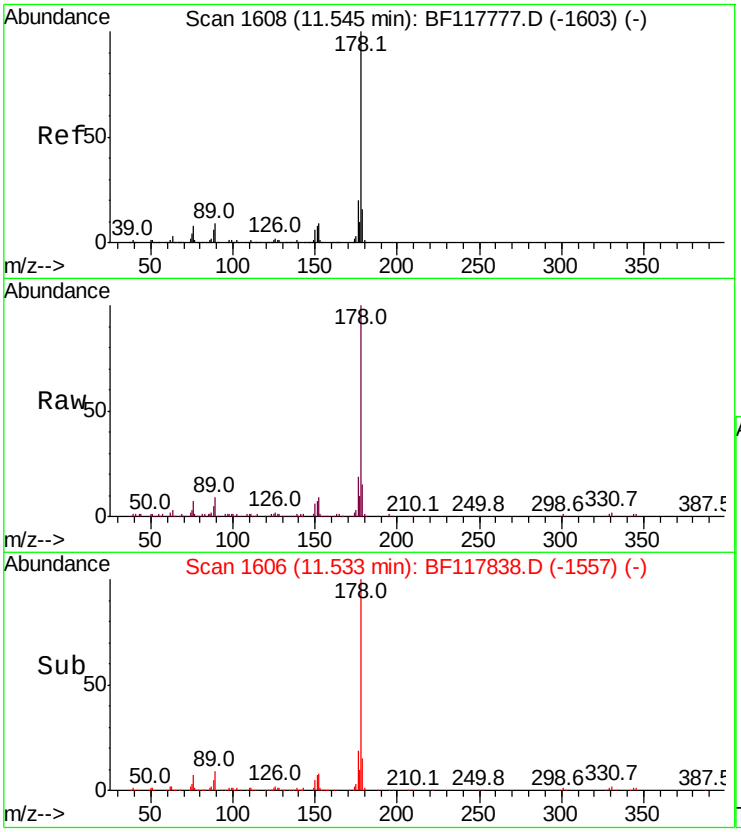


#71
Phenanthrene
Concen: 20.495 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF117838.D
Acq: 18 Nov 2019 16:35

Tgt Ion:178 Resp: 804974

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.6	25.0
179	15.6	13.2	19.8



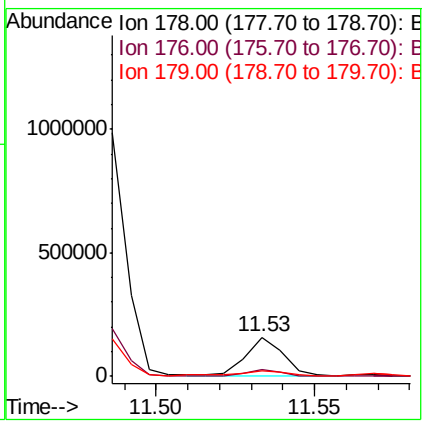


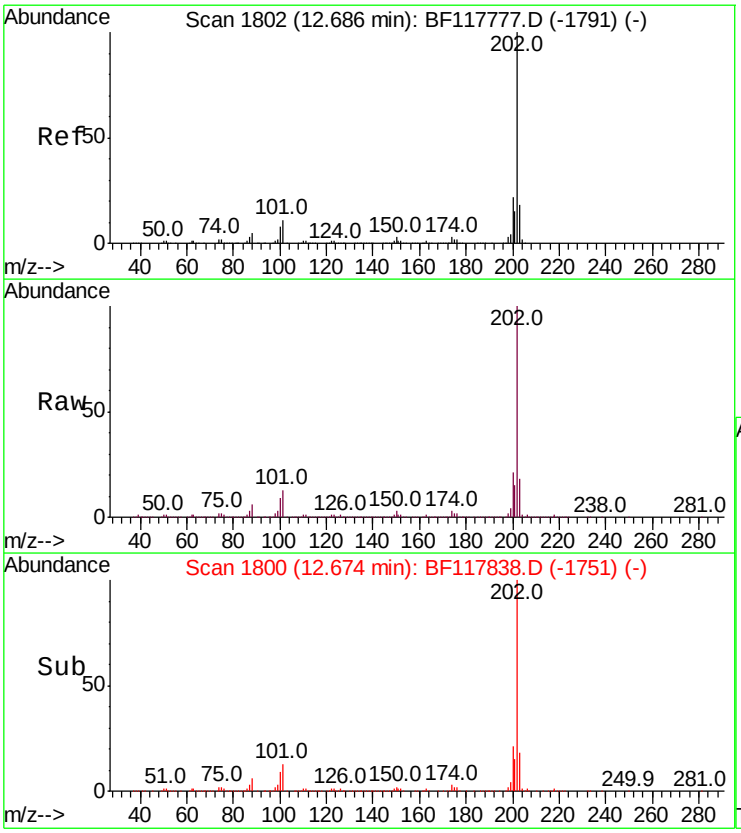
#72
Anthracene
Concen: 3.235 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF117838.D
Acq: 18 Nov 2019 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 125982

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.1	24.1
179	15.1	13.0	19.4

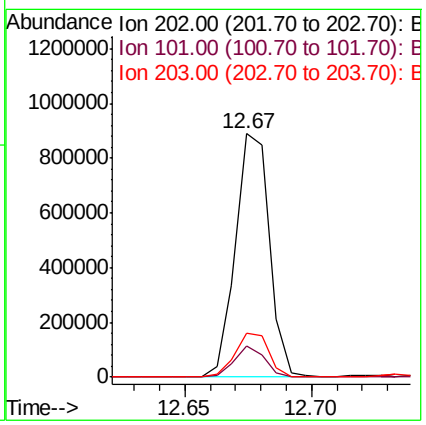


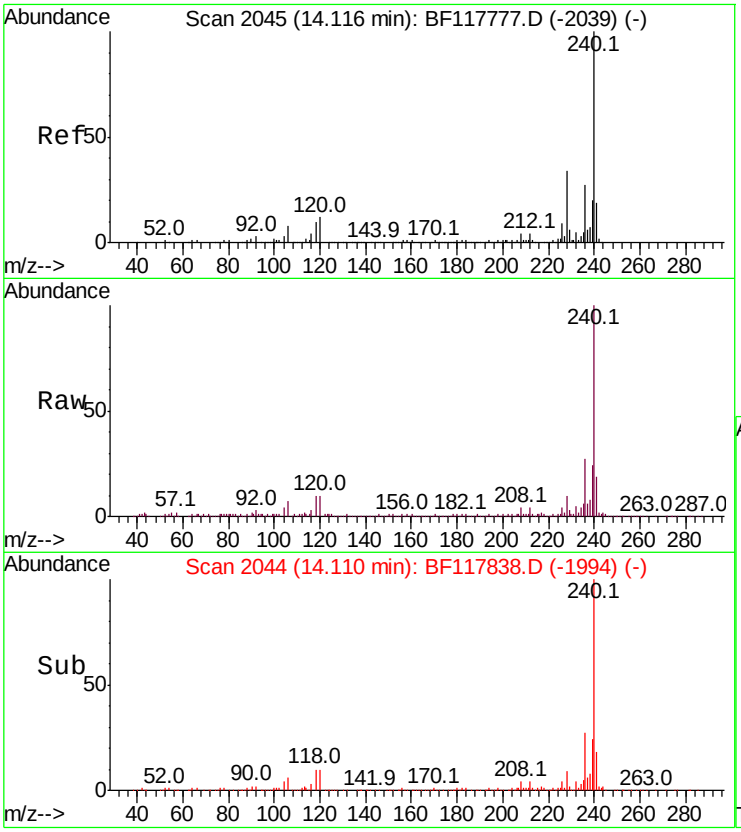


#75
Fluoranthene
Concen: 18.705 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF117838.D
Acq: 18 Nov 2019 16:35

Tgt Ion:202 Resp: 826260

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.1
203	18.1	0.0	38.2



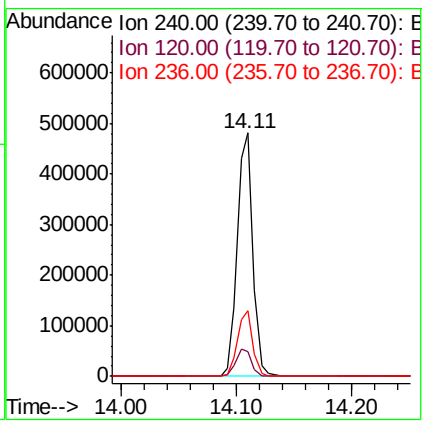


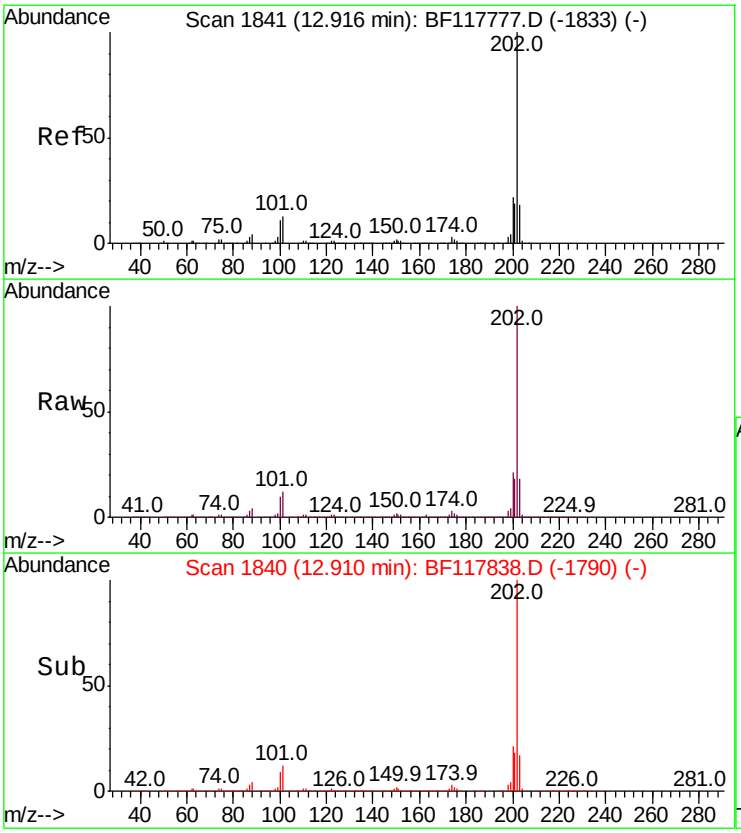
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117838.D
Acq: 18 Nov 2019 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 447552

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	26.8	21.3	31.9

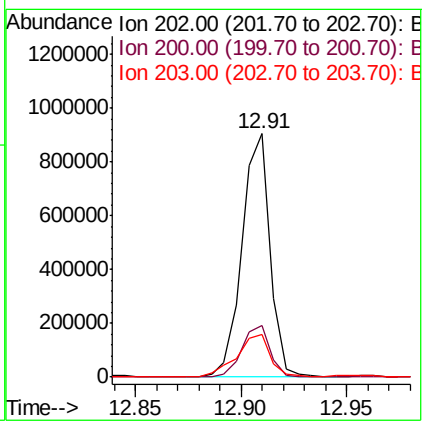


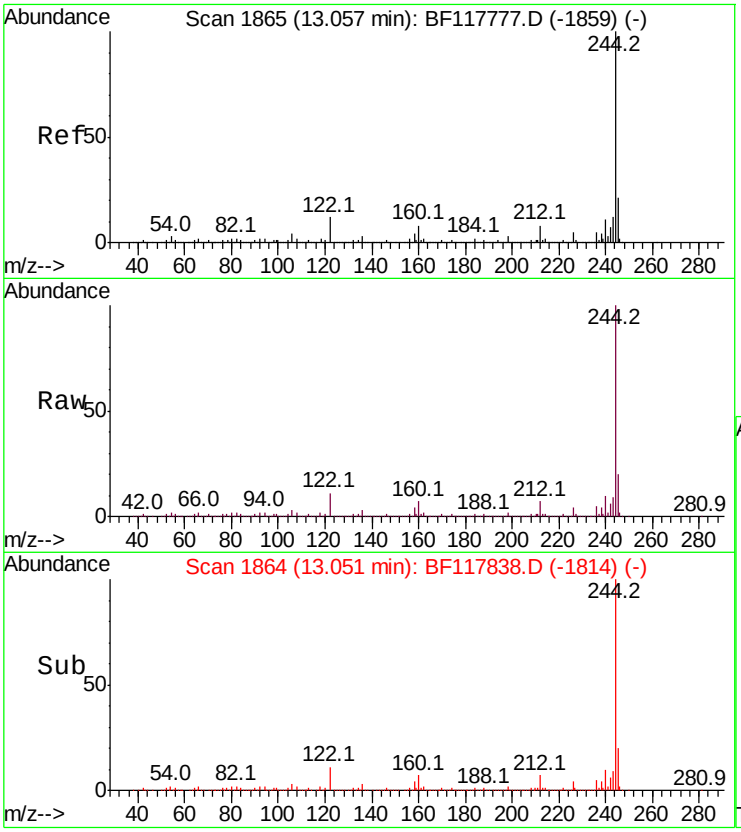


#78
Pyrene
Concen: 22.995 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117838.D
Acq: 18 Nov 2019 16:35

Tgt Ion:202 Resp: 831705

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.8	26.8
203	17.6	14.6	22.0



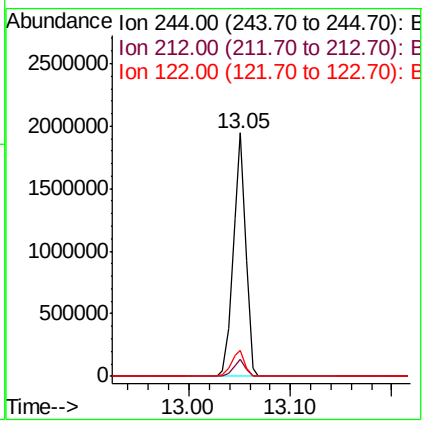


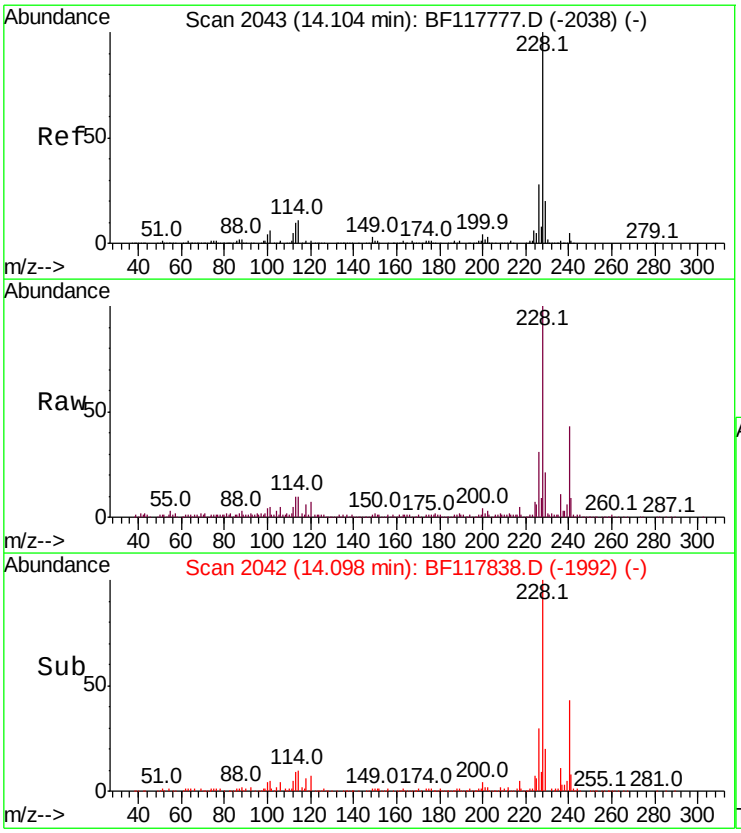
#79
Terphenyl-d14
Concen: 67.083 ng
RT: 13.05 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BF117838.D
Acq: 18 Nov 2019 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1642742

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.3	9.5
122	10.6	9.4	14.2

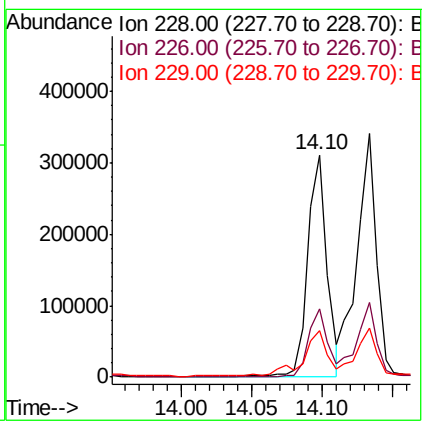


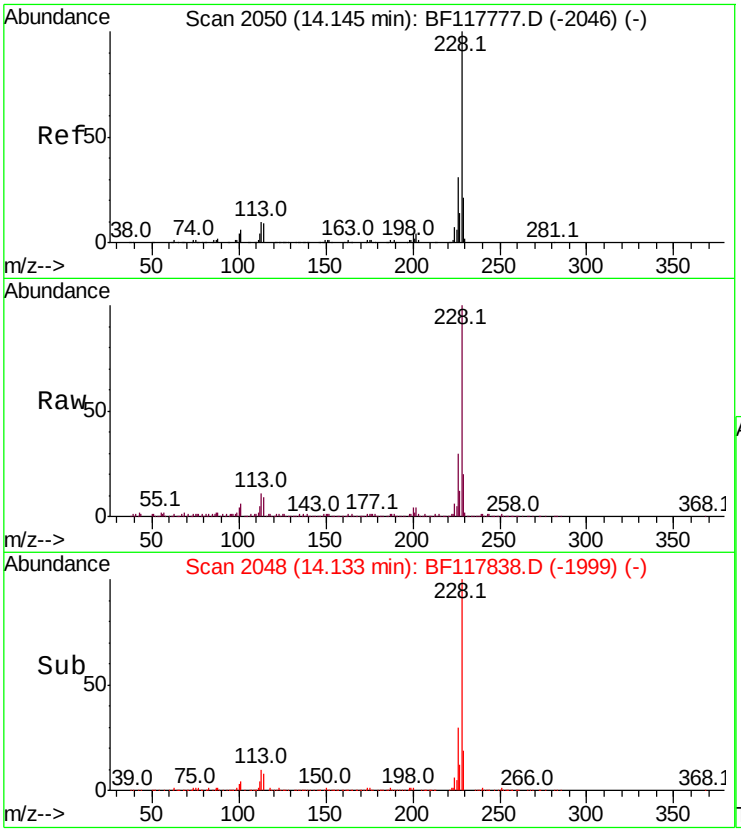


#81
Benzo(a)anthracene
Concen: 9.855 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BF117838.D
Acq: 18 Nov 2019 16:35

Tgt Ion:228 Resp: 291463

Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.2	33.2
229	20.8	15.9	23.9



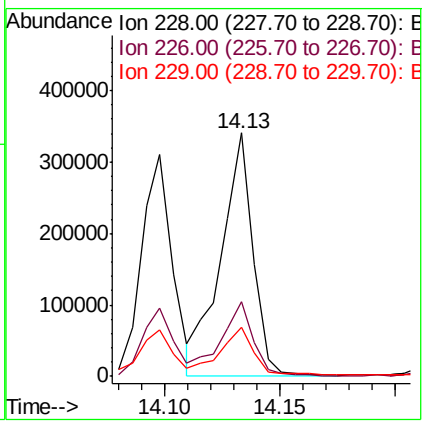


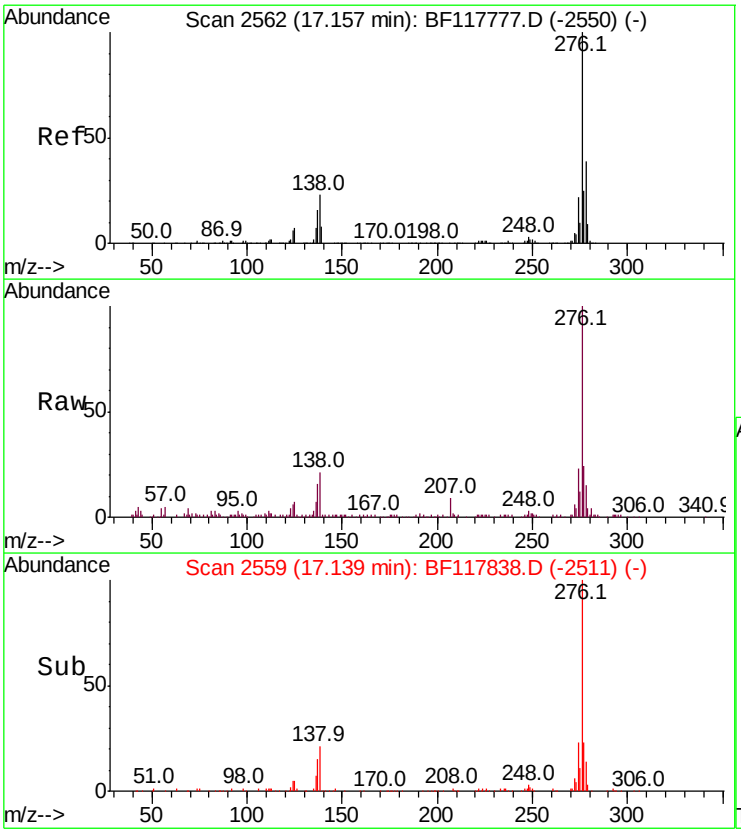
#83
Chrysene
Concen: 11.417 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF117838.D
Acq: 18 Nov 2019 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 327201

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.4
229	20.3	16.6	25.0

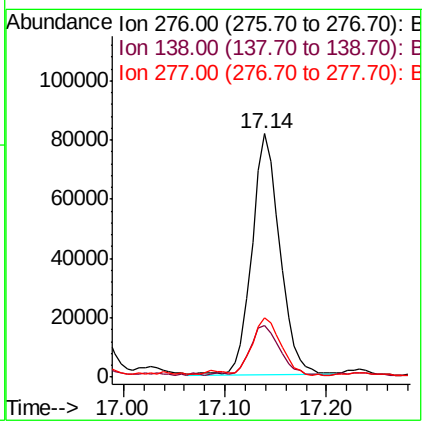


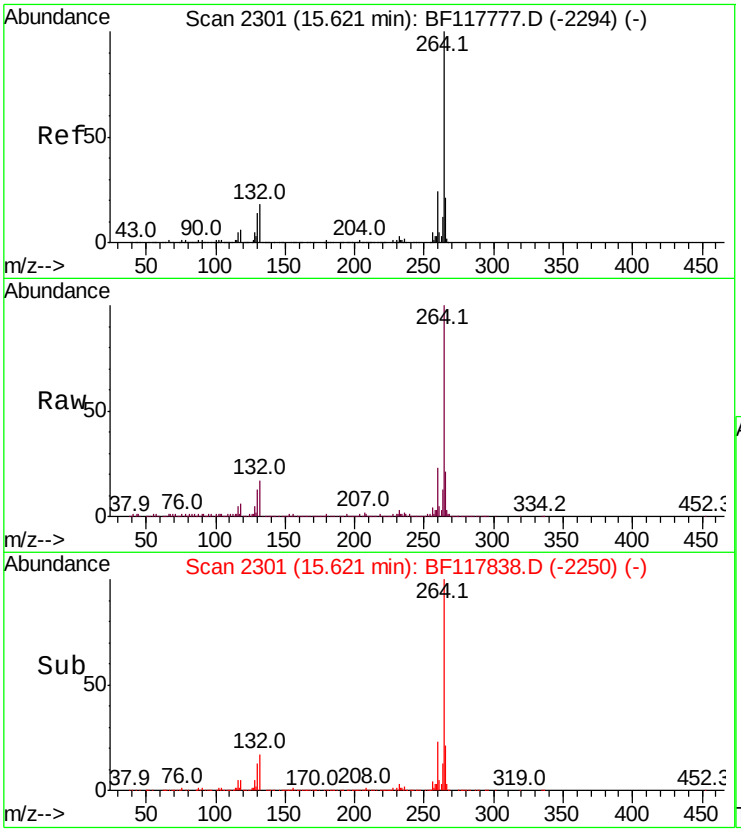


#86
Indeno(1,2,3-cd)pyrene
Concen: 6.377 ng
RT: 17.14 min Scan# 2559
Delta R.T. -0.02 min
Lab File: BF117838.D
Acq: 18 Nov 2019 16:35

Tgt Ion:276 Resp: 155541

Ion	Ratio	Lower	Upper
276	100		
138	22.2	20.9	31.3
277	24.7	20.3	30.5



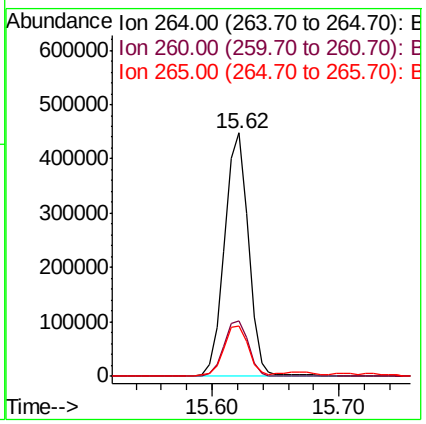


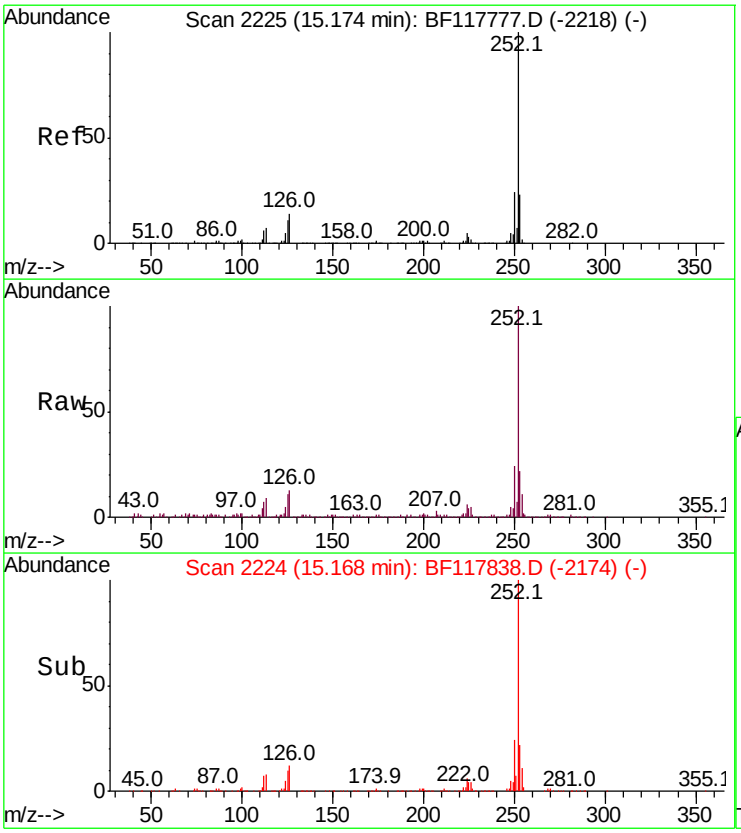
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BF117838.D
Acq: 18 Nov 2019 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 578773

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.4	29.0
265	20.9	17.1	25.7

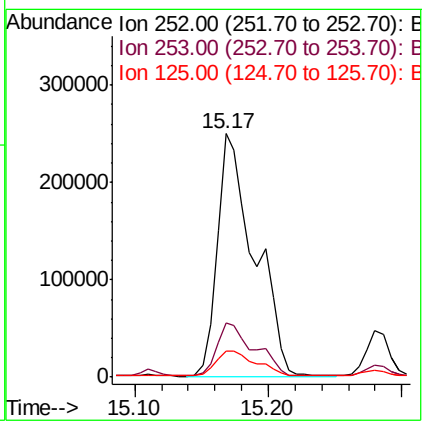


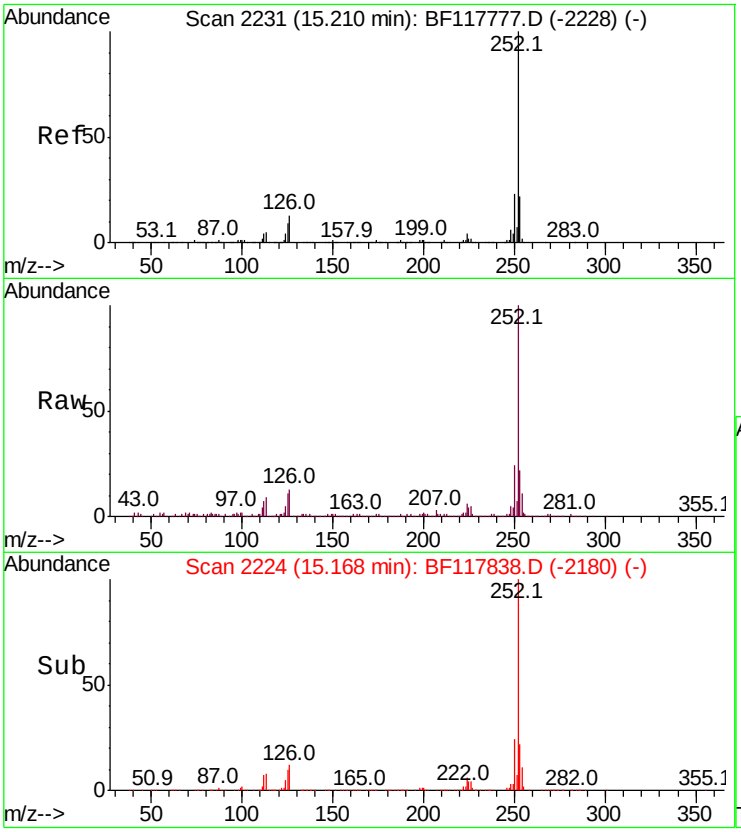


#88
Benzo(b)fluoranthene
Concen: 12.834 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF117838.D
Acq: 18 Nov 2019 16:35

Tgt Ion:252 Resp: 482610

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	10.9	8.6	13.0



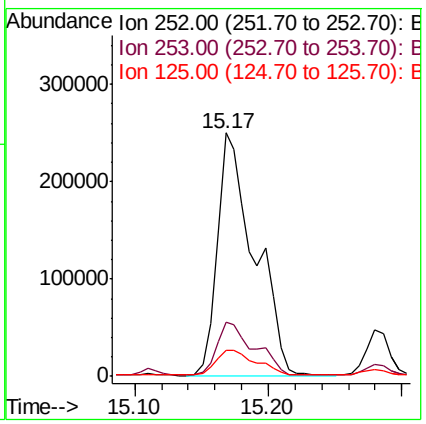


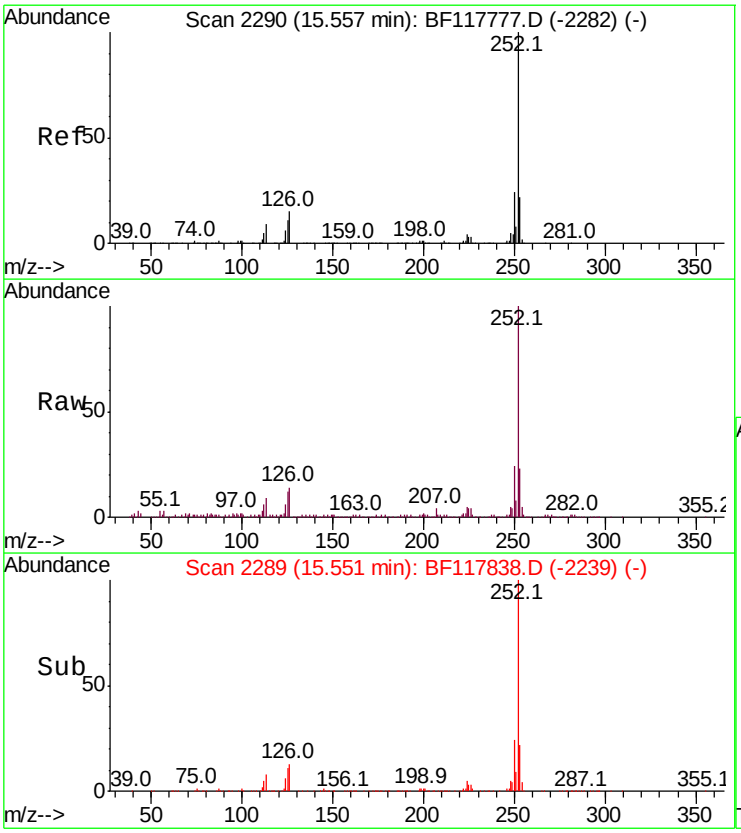
#89
Benzo(k)fluoranthene
Concen: 13.621 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.04 min
Lab File: BF117838.D
Acq: 18 Nov 2019 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 482610

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	10.9	7.9	11.9

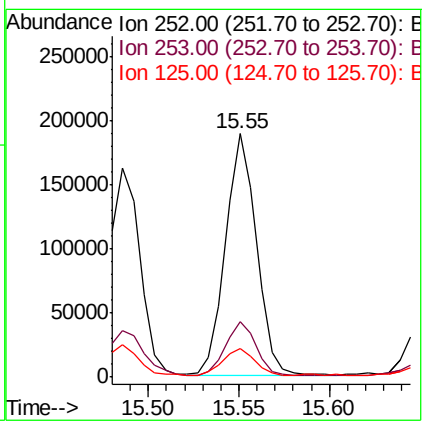


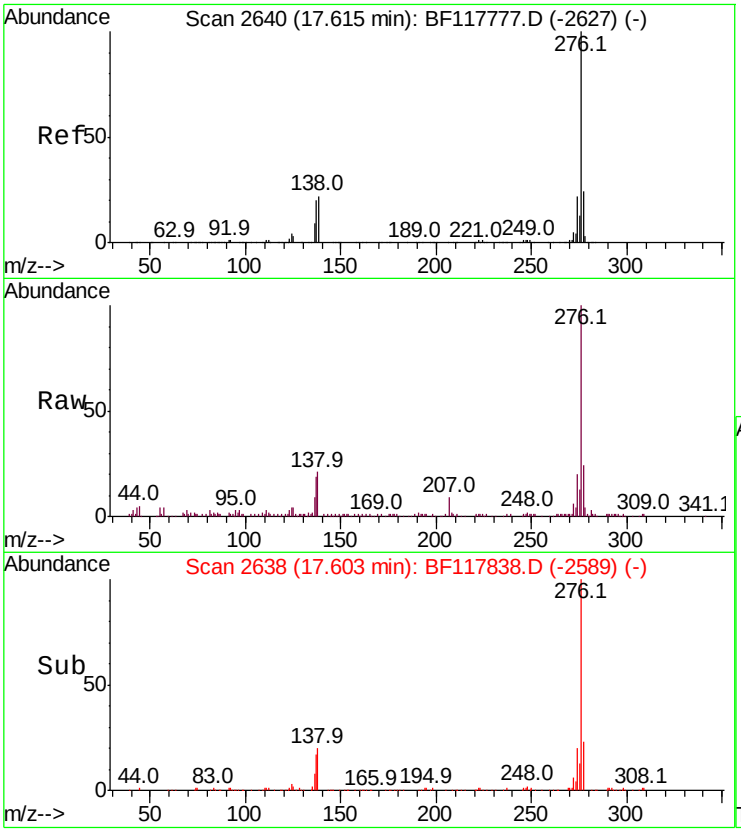


#90
Benzo(a)pyrene
Concen: 6.822 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BF117838.D
Acq: 18 Nov 2019 16:35

Tgt Ion:252 Resp: 225575

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	11.6	9.2	13.8





#92
Benzo(g,h,i)perylene
Concen: 5.566 ng
RT: 17.60 min Scan# 2638
Delta R.T. -0.01 min
Lab File: BF117838.D
Acq: 18 Nov 2019 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 157769

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.9	28.3
138	21.3	17.4	26.2