Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110819\
Data File : BF117742.D
Acq On : 8 Nov 2019 20:17
Operator : JU
Sample : K5722-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-B

Quant Time: Nov 09 01:25:07 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	353303	20.00	ng		-0.01
21) Naphthalene-d8	8.22	136	1388465	20.00	ng		-0.01
39) Acenaphthene-d10	9.97	164	756343	20.00	ng		-0.01
64) Phenanthrene-d10	11.47	188	1413243	20.00	ng		0.00
76) Chrysene-d12	14.12	240	836170	20.00	ng		-0.01
87) Perylene-d12	15.62	264	848953	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1834423	93.99	ng		0.00
7) Phenol-d6	6.55	99	2361163	98.11	ng		-0.01
23) Nitrobenzene-d5	7.49	82	1491847	63.43	ng		-0.02
42) 2,4,6-Tribromophenol	10.77	330	726996	98.26	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	2512154	65.53	ng		-0.01
79) Terphenyl-d14	13.06	244	2716676	66.88	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.56	94	89017	3.433	ng		98
19) n-Nitroso-di-n-propylamine	7.49	70	203513	12.861	ng	#	77
25) Isophorone	7.49	82	1486803	33.054	ng	#	62
50) Dimethylphthalate	9.69	163	405187	7.924	ng		98
57) 2,4-Dinitrotoluene	9.97	165	98663	6.718	ng	#	28
67) 4-Bromophenyl-phenylether	10.77	248	46349	3.003	ng	#	1
71) Phenanthrene	11.49	178	304217	4.491	ng		96
75) Fluoranthene	12.68	202	965282	13.956	ng		96
78) Pyrene	12.92	202	1023867	16.774	ng		95
81) Benzo(a)anthracene	14.14	228	566296	10.880	ng		98
83) Chrysene	14.14	228	566296	11.017	ng		98
86) Indeno(1,2,3-cd)pyrene	17.14	276	285359	5.965	ng		94
88) Benzo(b)fluoranthene	15.17	252	972983	18.197	ng		98
89) Benzo(k)fluoranthene	15.17	252	972983	20.403	ng		99
90) Benzo(a)pyrene	15.55	252	349716	7.545	ng		98
92) Benzo(g,h,i)perylene	17.60	276	262305	6.511	ng		99

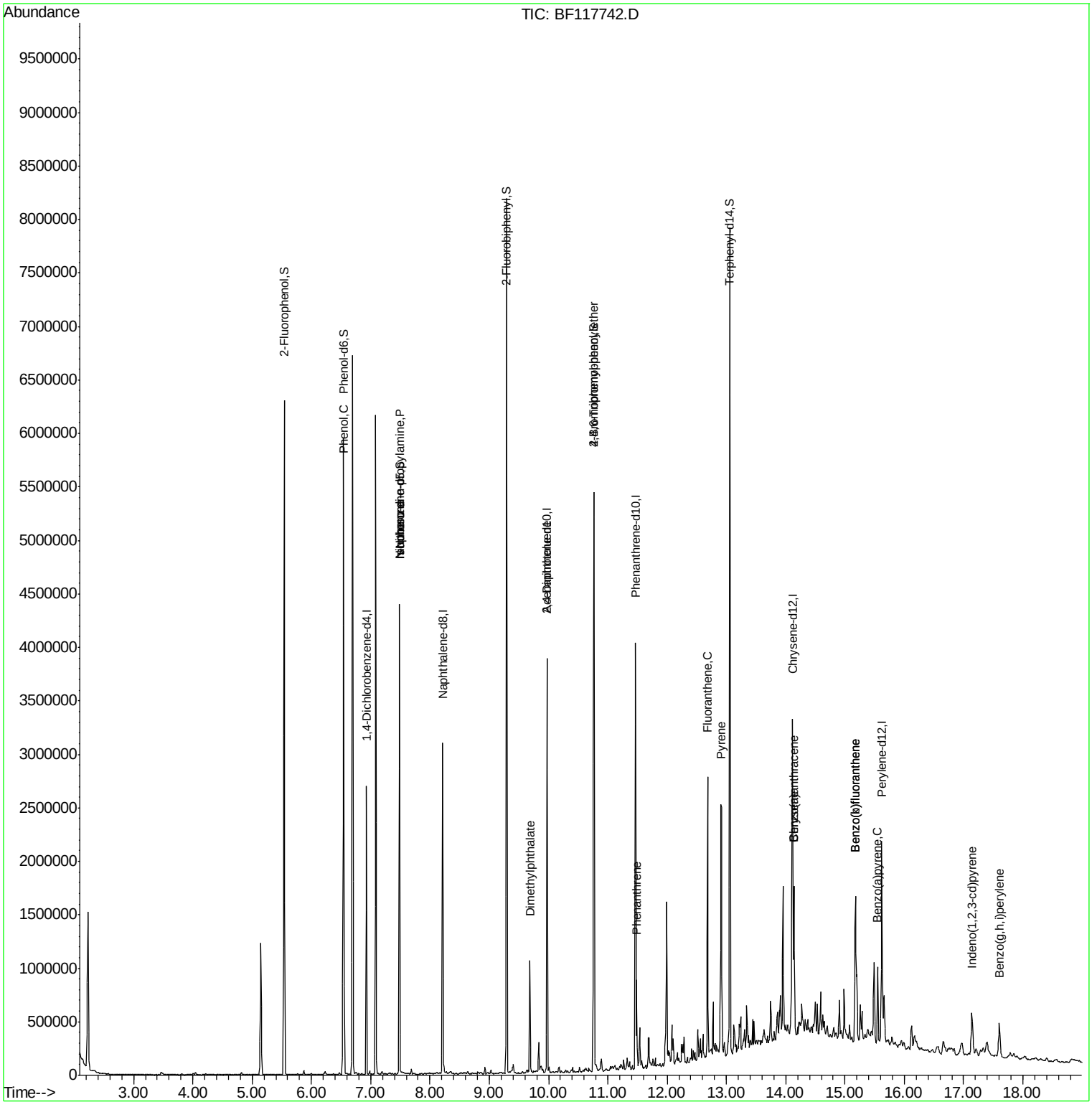
(#) = qualifier out of range (m) = manual integration (+) = signals summed

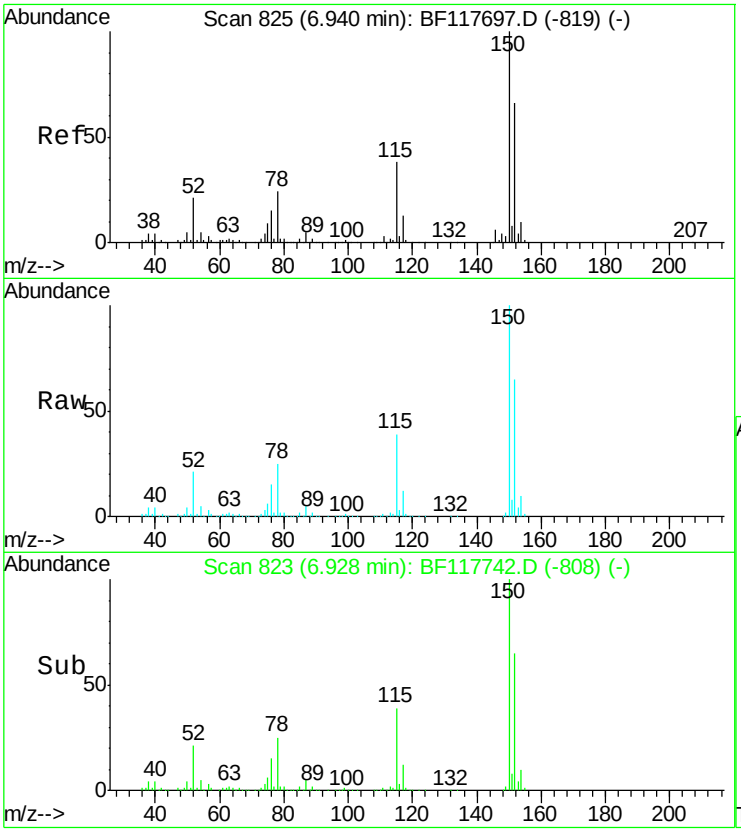
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110819\
Data File : BF117742.D
Acq On : 8 Nov 2019 20:17
Operator : JU
Sample : K5722-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-B

Quant Time: Nov 09 01:25:07 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



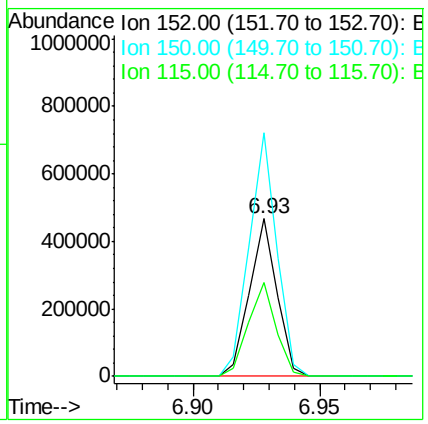


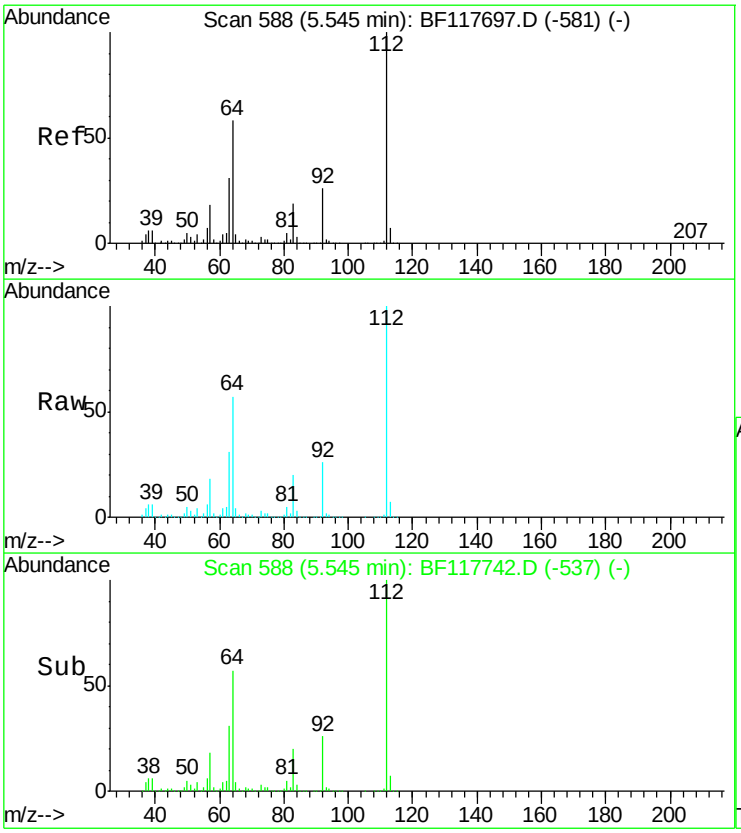
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF117742.D
Acq: 8 Nov 2019 20:17

Instrument :
BNA_F
ClientSampleId :
3-B

Tgt Ion:152 Resp: 353303

Ion	Ratio	Lower	Upper
152	100		
150	154.8	121.4	182.2
115	59.9	46.7	70.1

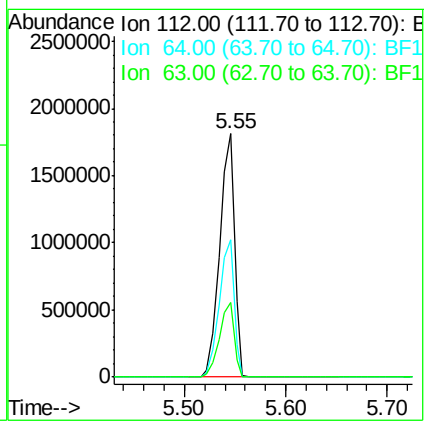


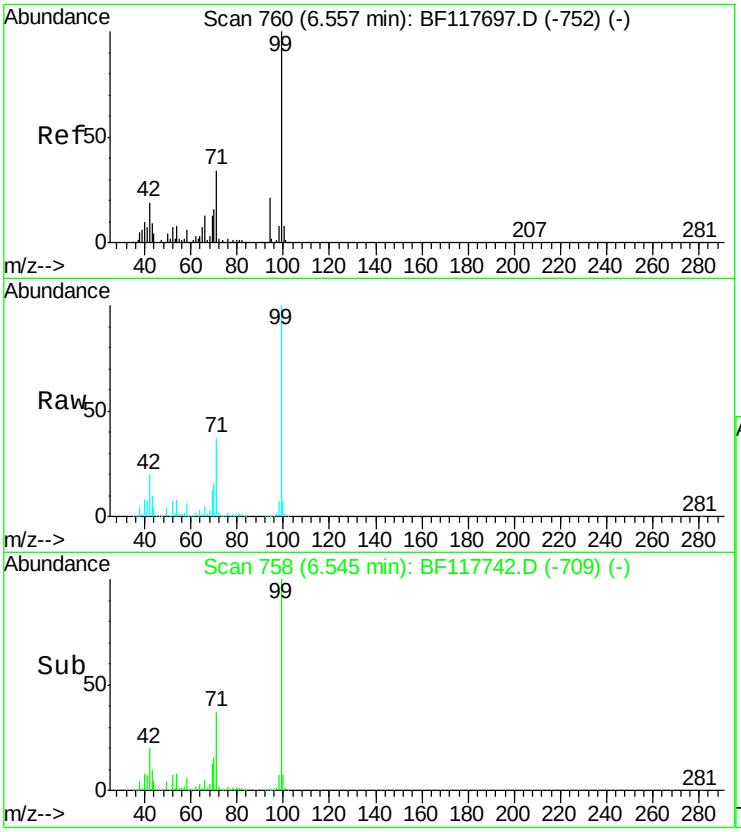


#5
2-Fluorophenol
Concen: 93.987 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF117742.D
Acq: 8 Nov 2019 20:17

Tgt Ion:112 Resp: 1834423

Ion	Ratio	Lower	Upper
112	100		
64	56.6	46.4	69.6
63	30.5	24.6	37.0



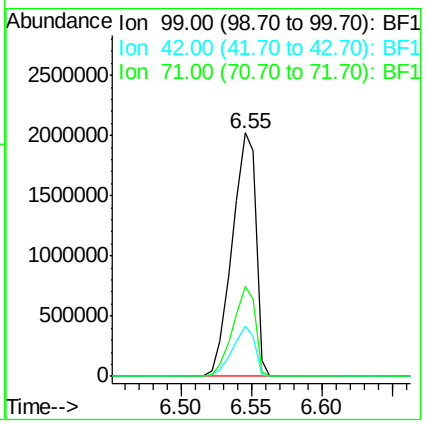


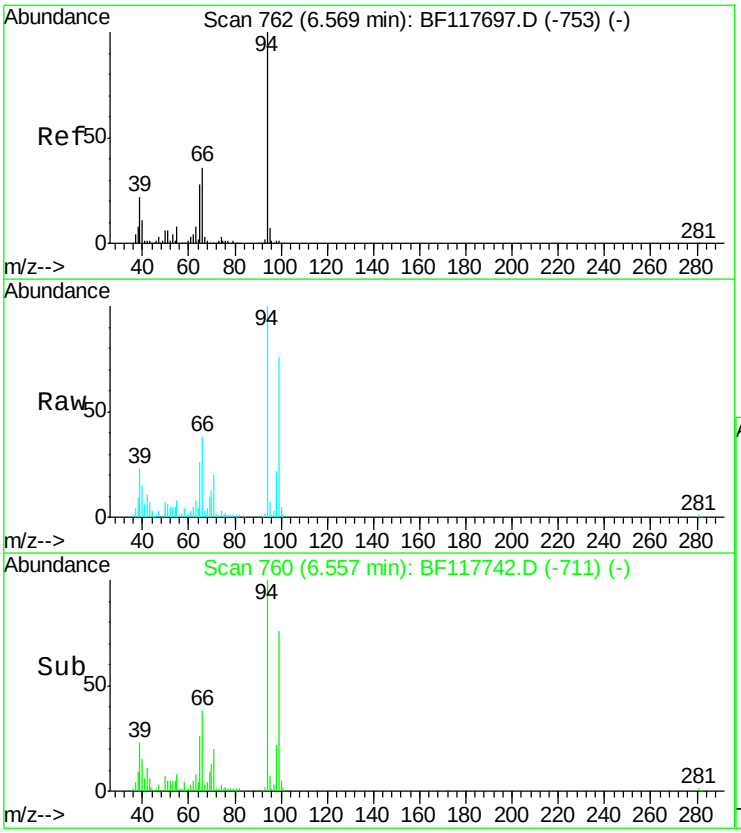
#7
Phenol-d6
Concen: 98.112 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF117742.D
Acq: 8 Nov 2019 20:17

Instrument :
BNA_F
ClientSampleId :
3-B

Tgt Ion: 99 Resp: 2361163

Ion	Ratio	Lower	Upper
99	100		
42	20.5	15.3	22.9
71	37.0	26.8	40.2

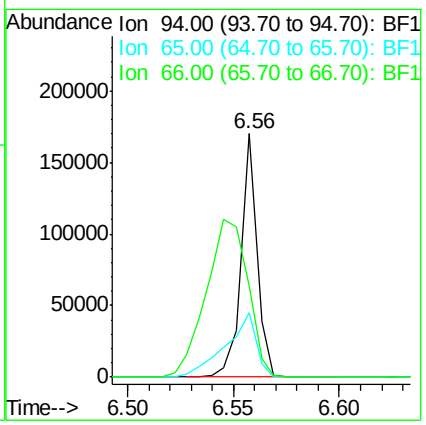


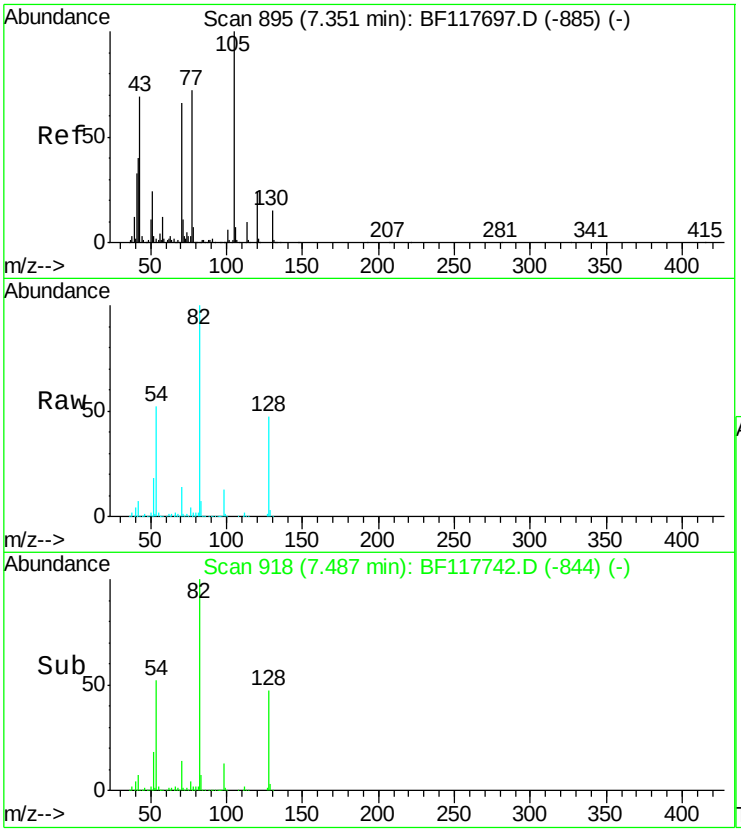


#10
Phenol
Concen: 3.433 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF117742.D
Acq: 8 Nov 2019 20:17

Tgt Ion: 94 Resp: 89017

Ion	Ratio	Lower	Upper
94	100		
65	26.4	7.6	47.6
66	37.6	16.1	56.1



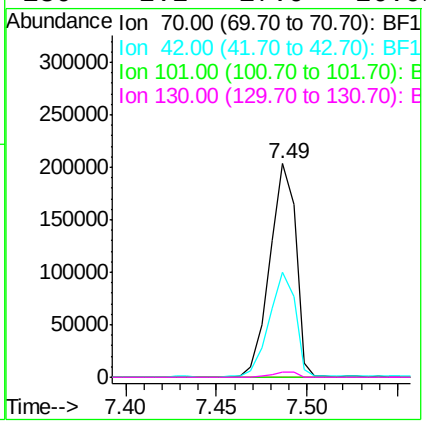


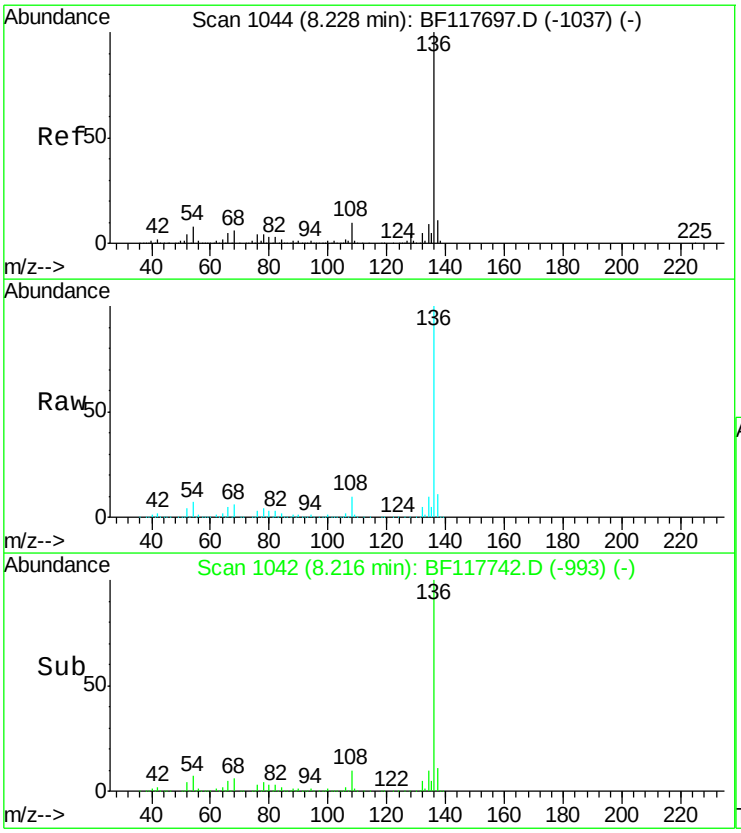
#19
n-Nitroso-di-n-propylamine
Concen: 12.861 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.14 min
Lab File: BF117742.D
Acq: 8 Nov 2019 20:17

Instrument :
BNA_F
ClientSampleId :
3-B

Tgt Ion: 70 Resp: 203513

Ion	Ratio	Lower	Upper
70	100		
42	49.4	49.1	73.7
101	0.0	7.8	11.8#
130	2.2	17.9	26.9#

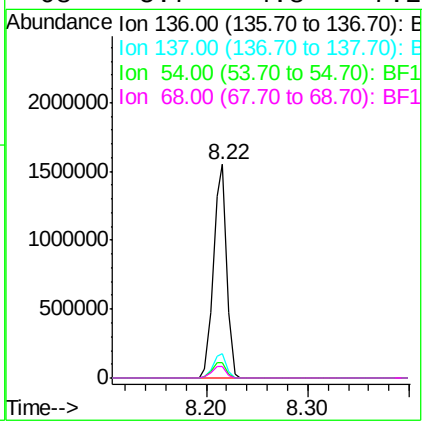


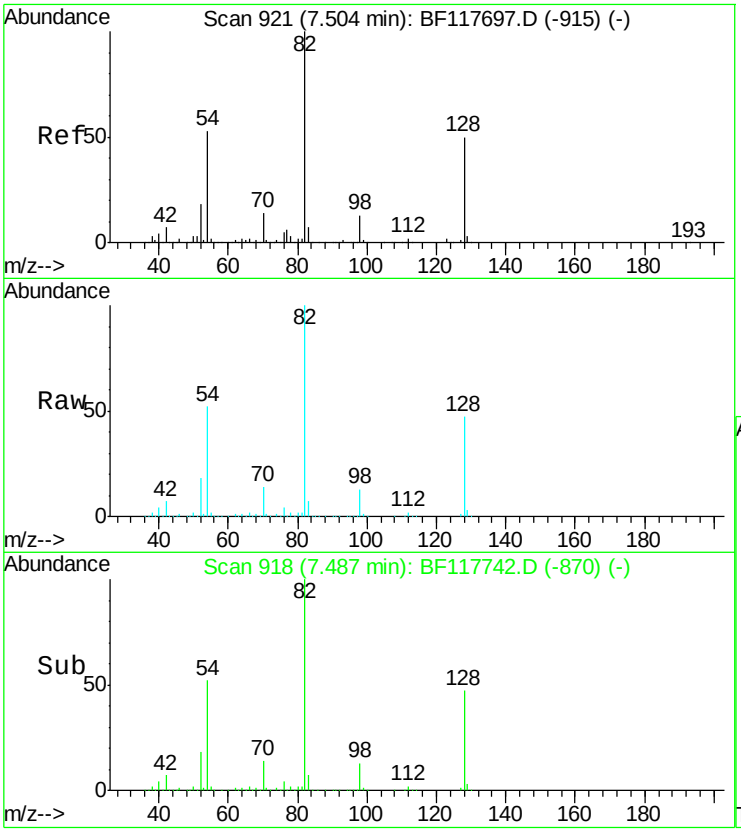


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF117742.D
Acq: 8 Nov 2019 20:17

Tgt Ion:136 Resp: 1388465

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.5	6.0	9.0
68	5.7	4.8	7.2



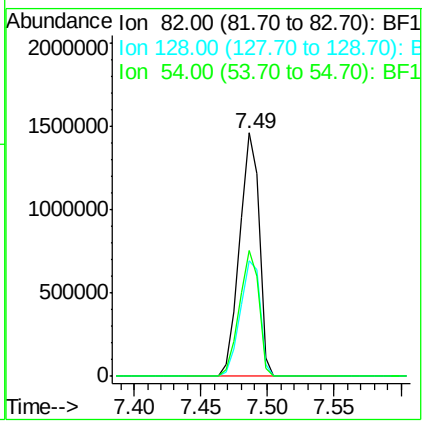


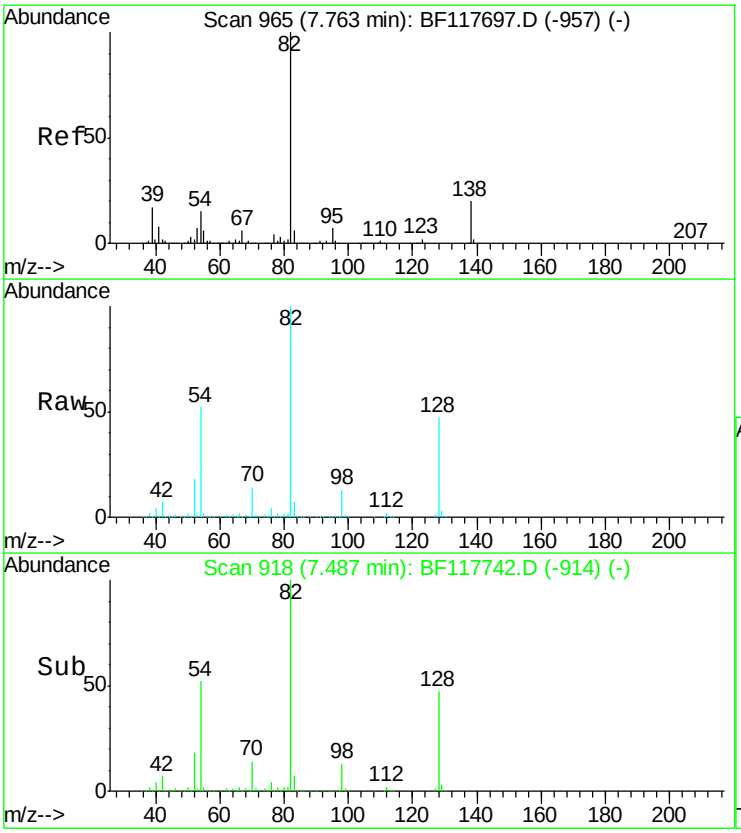
#23
Nitrobenzene-d5
Concen: 63.435 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.02 min
Lab File: BF117742.D
Acq: 8 Nov 2019 20:17

Instrument :
BNA_F
ClientSampleId :
3-B

Tgt Ion: 82 Resp: 1491847

Ion	Ratio	Lower	Upper
82	100		
128	47.3	40.2	60.2
54	51.8	42.0	63.0

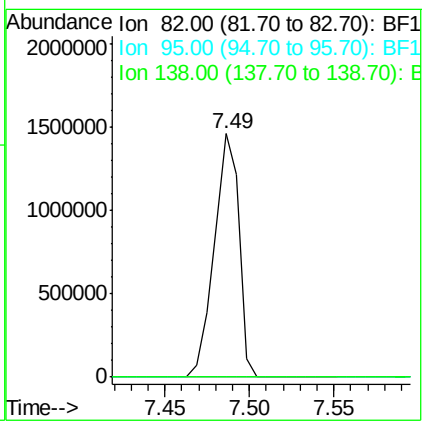


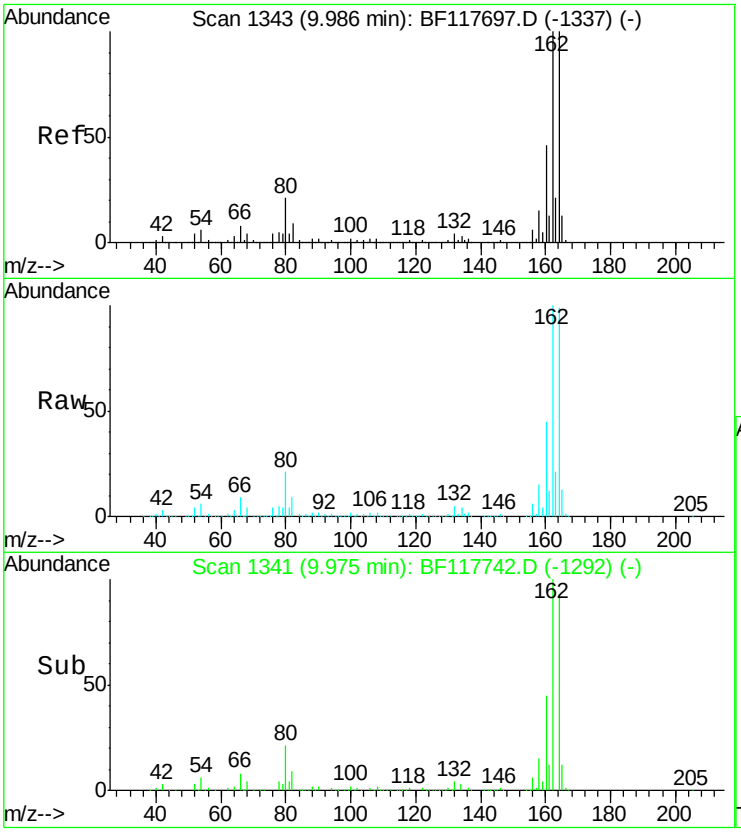


#25
Isophorone
Concen: 33.054 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.28 min
Lab File: BF117742.D
Acq: 8 Nov 2019 20:17

Tgt Ion: 82 Resp: 1486803

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



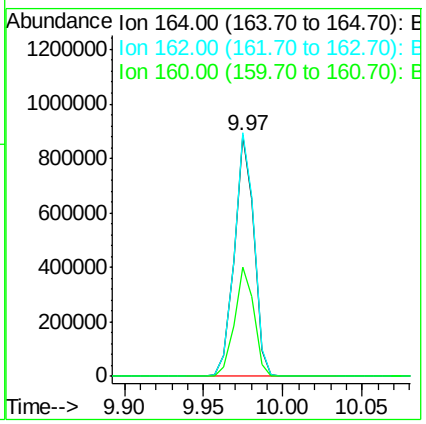


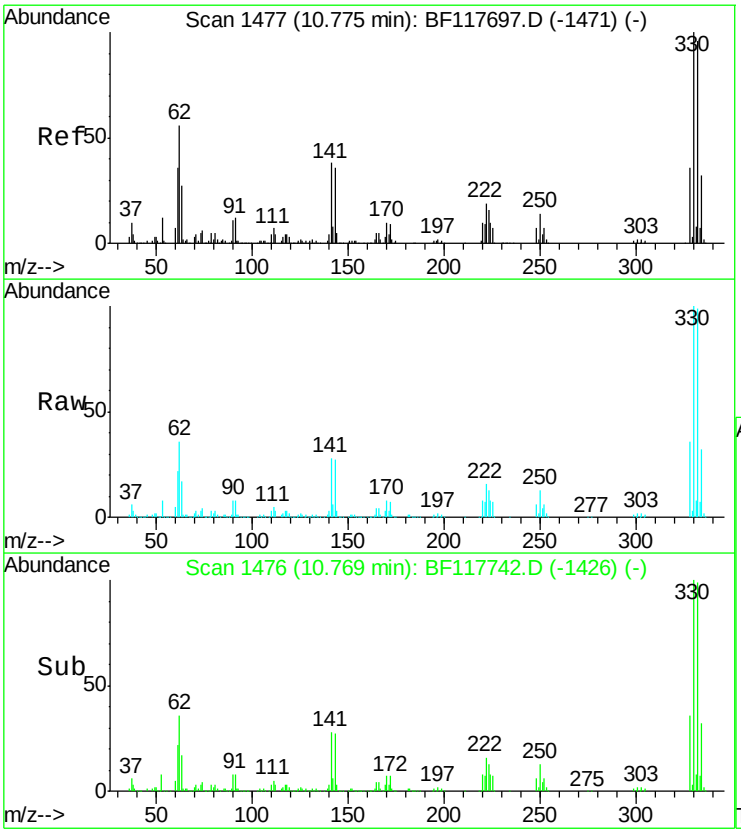
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF117742.D
Acq: 8 Nov 2019 20:17

Instrument :
BNA_F
ClientSampleId :
3-B

Tgt Ion:164 Resp: 756343

Ion	Ratio	Lower	Upper
164	100		
162	101.3	79.7	119.5
160	45.5	36.5	54.7

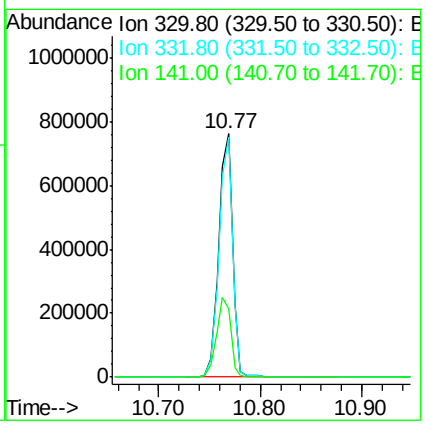


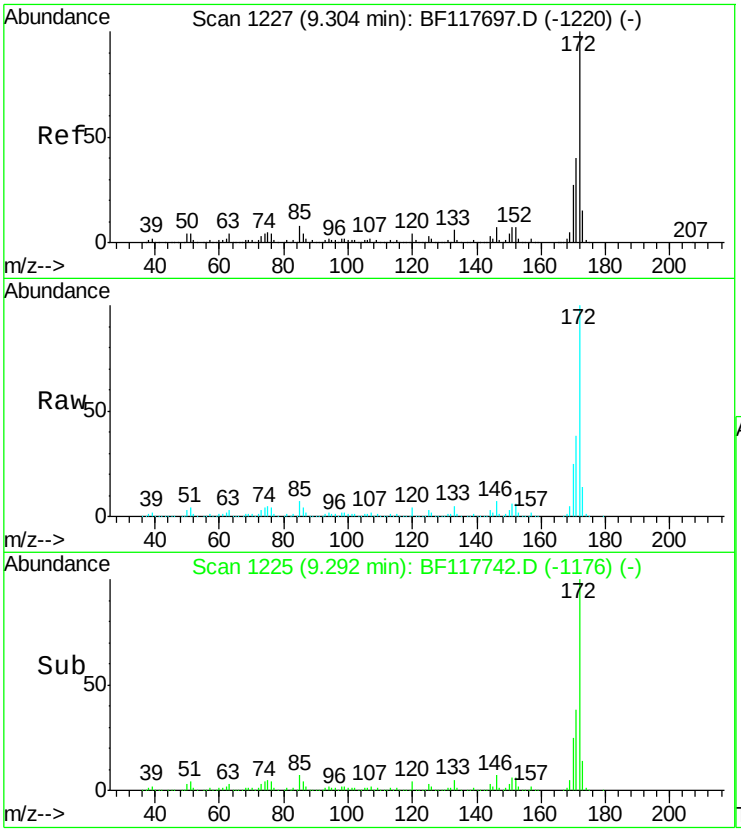


#42
2,4,6-Tribromophenol
Concen: 98.259 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF117742.D
Acq: 8 Nov 2019 20:17

Tgt Ion:330 Resp: 726996

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.0
141	33.8	28.0	42.0



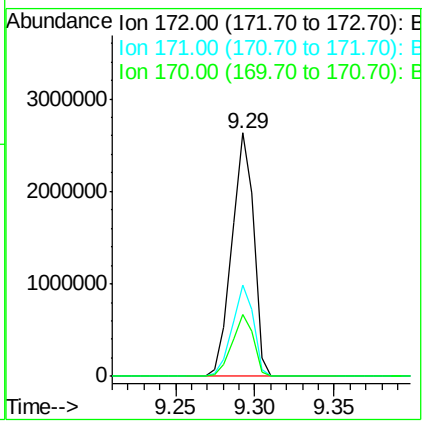


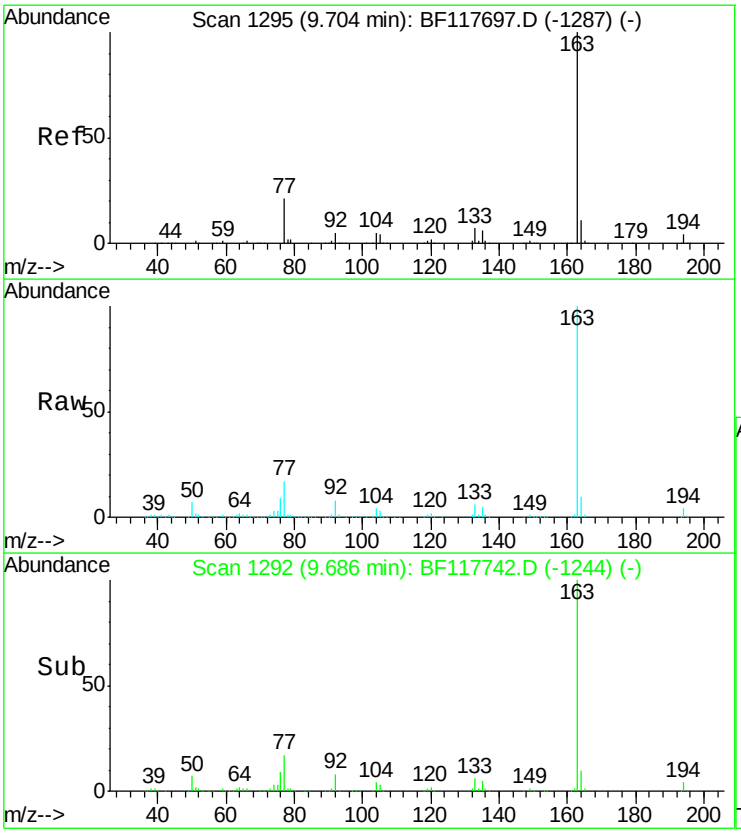
#45
2-Fluorobiphenyl
Concen: 65.533 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF117742.D
Acq: 8 Nov 2019 20:17

Instrument :
BNA_F
ClientSampleId :
3-B

Tgt Ion:172 Resp: 2512154

Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.8	47.8
170	25.3	21.6	32.4

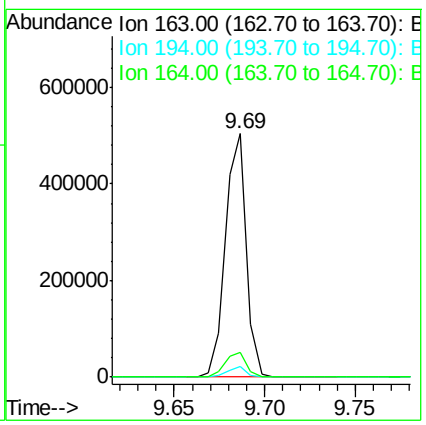


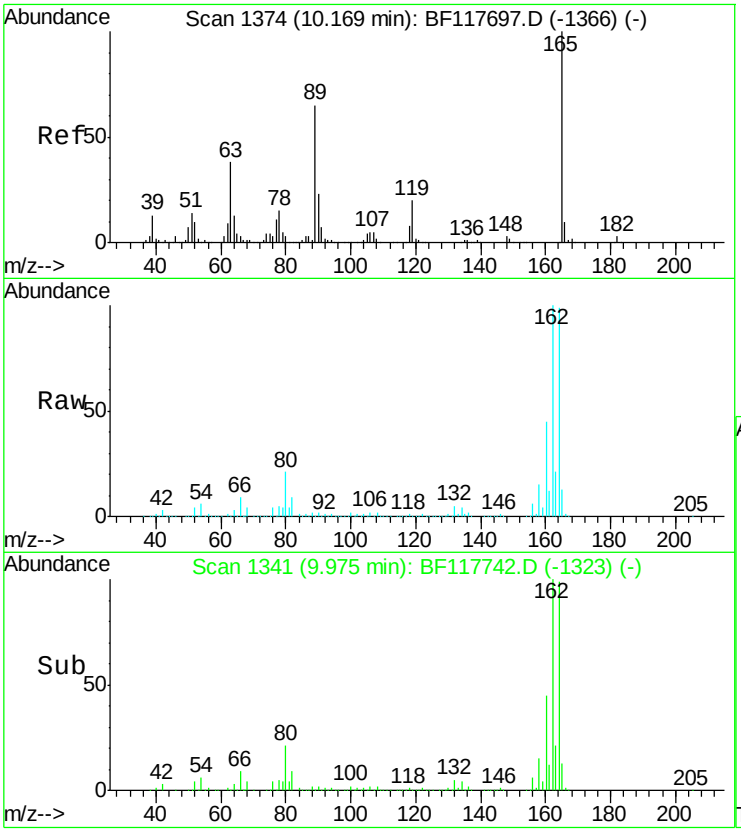


#50
Dimethylphthalate
Concen: 7.924 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF117742.D
Acq: 8 Nov 2019 20:17

Tgt Ion:163 Resp: 405187

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.1	8.9	13.3



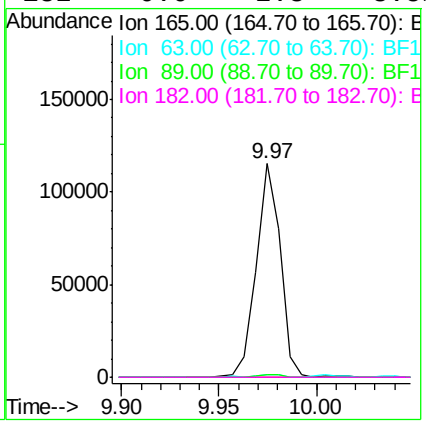


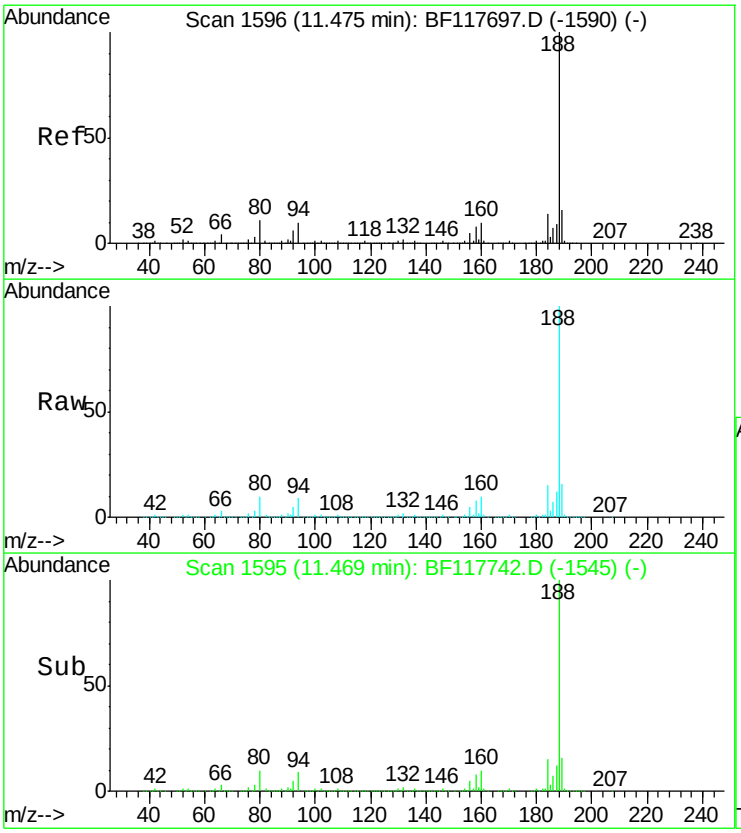
#57
2,4-Dinitrotoluene
Concen: 6.718 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.19 min
Lab File: BF117742.D
Acq: 8 Nov 2019 20:17

Instrument :
BNA_F
ClientSampleId :
3-B

Tgt Ion:165 Resp: 98663

Ion	Ratio	Lower	Upper
165	100		
63	1.3	30.4	45.6#
89	1.5	52.2	78.4#
182	0.0	2.3	3.5#

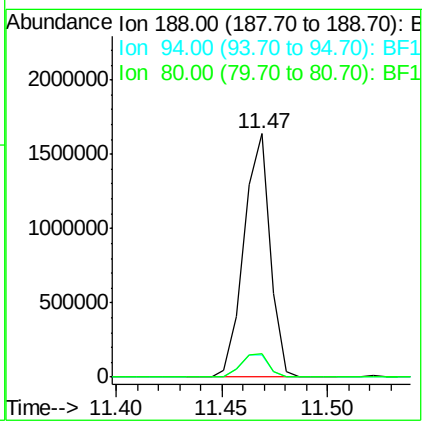


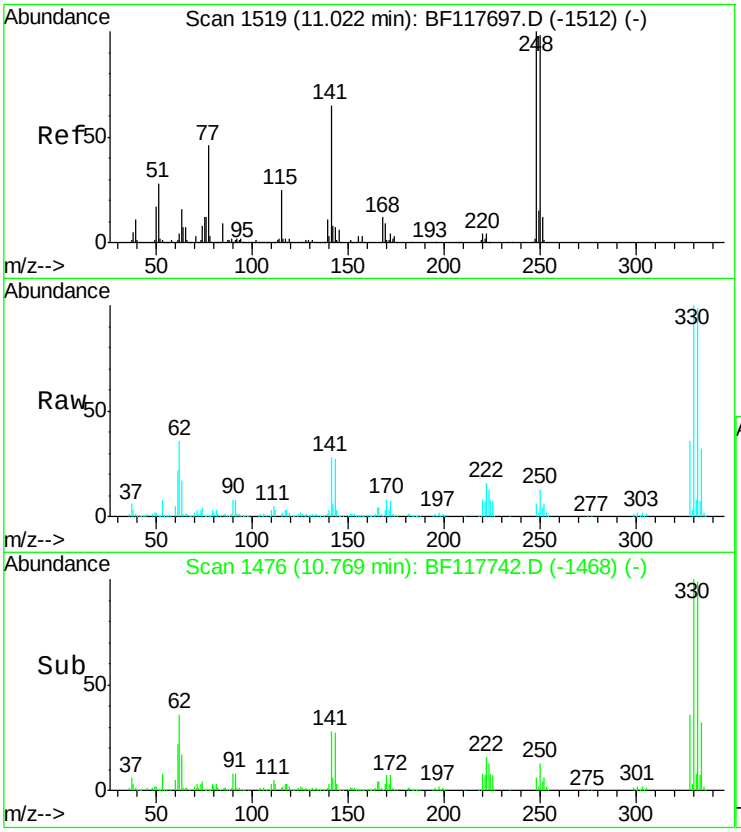


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF117742.D
Acq: 8 Nov 2019 20:17

Tgt Ion:188 Resp: 1413243

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.4
80	9.7	8.6	13.0



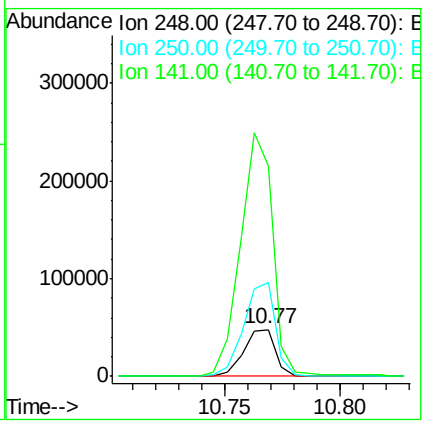


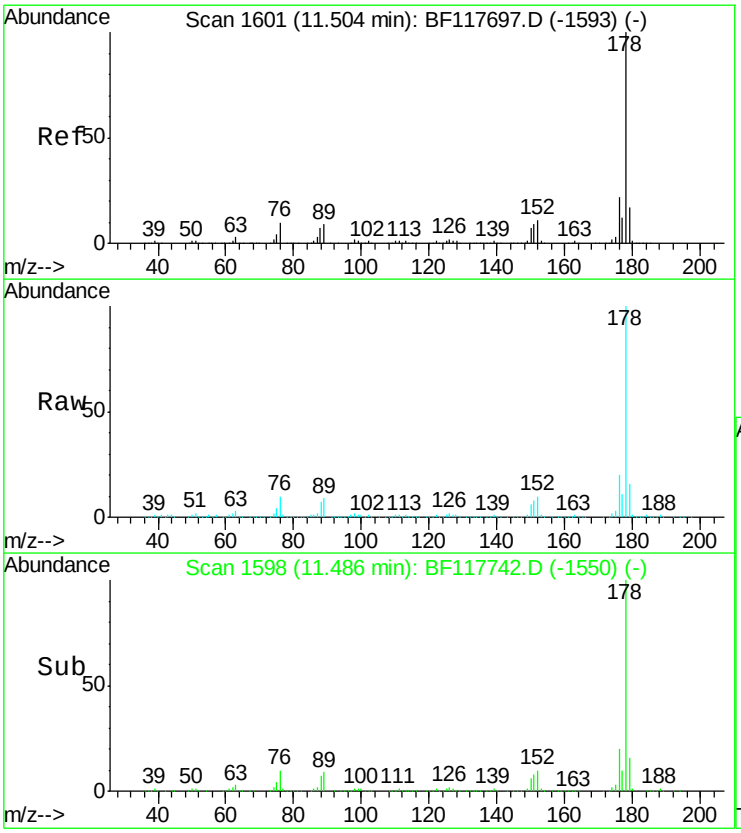
#67
4-Bromophenyl-phenylether
Concen: 3.003 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.25 min
Lab File: BF117742.D
Acq: 8 Nov 2019 20:17

Instrument :
BNA_F
ClientSampleId :
3-B

Tgt Ion:248 Resp: 46349

Ion	Ratio	Lower	Upper
248	100		
250	198.5	78.7	118.1#
141	447.1	51.8	77.8#

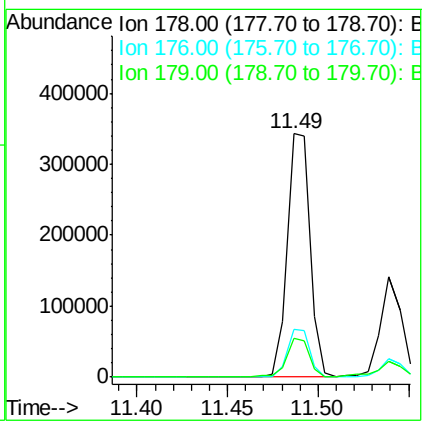


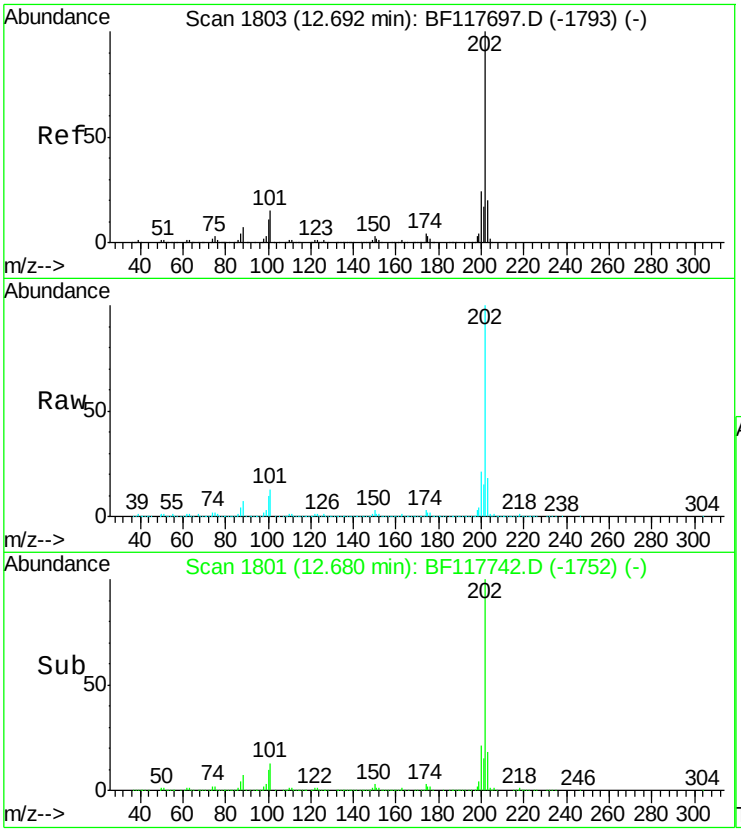


#71
Phenanthrene
Concen: 4.491 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.02 min
Lab File: BF117742.D
Acq: 8 Nov 2019 20:17

Tgt Ion:178 Resp: 304217

Ion	Ratio	Lower	Upper
178	100		
176	19.6	17.7	26.5
179	16.0	13.8	20.8



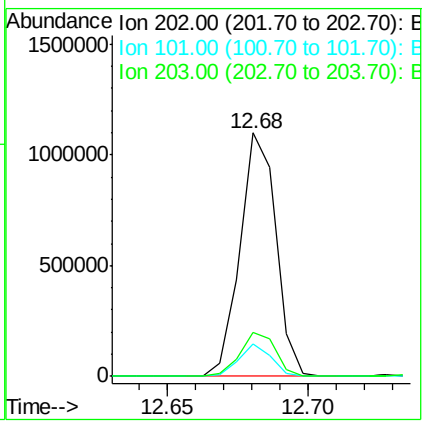


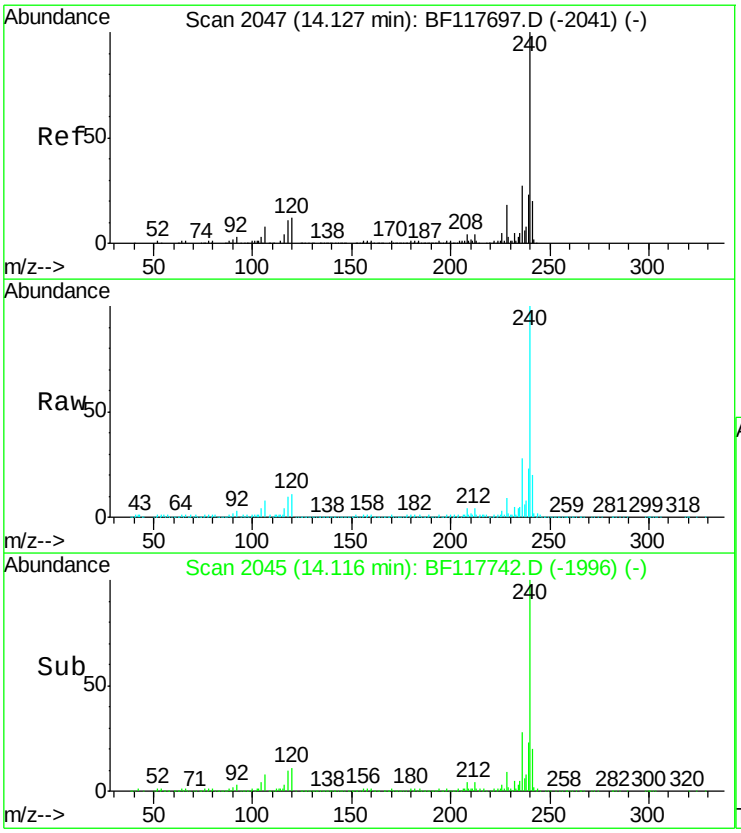
#75
Fluoranthene
Concen: 13.956 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BF117742.D
Acq: 8 Nov 2019 20:17

Instrument :
BNA_F
ClientSampleId :
3-B

Tgt Ion:202 Resp: 965282

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.5
203	18.1	0.0	39.8

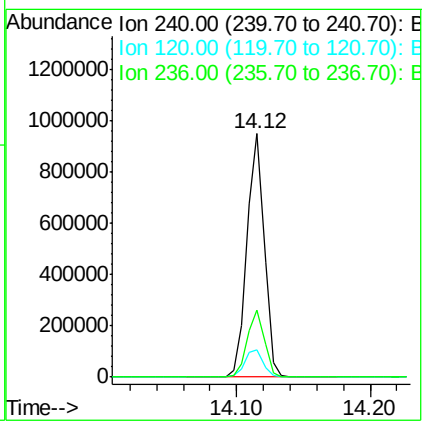


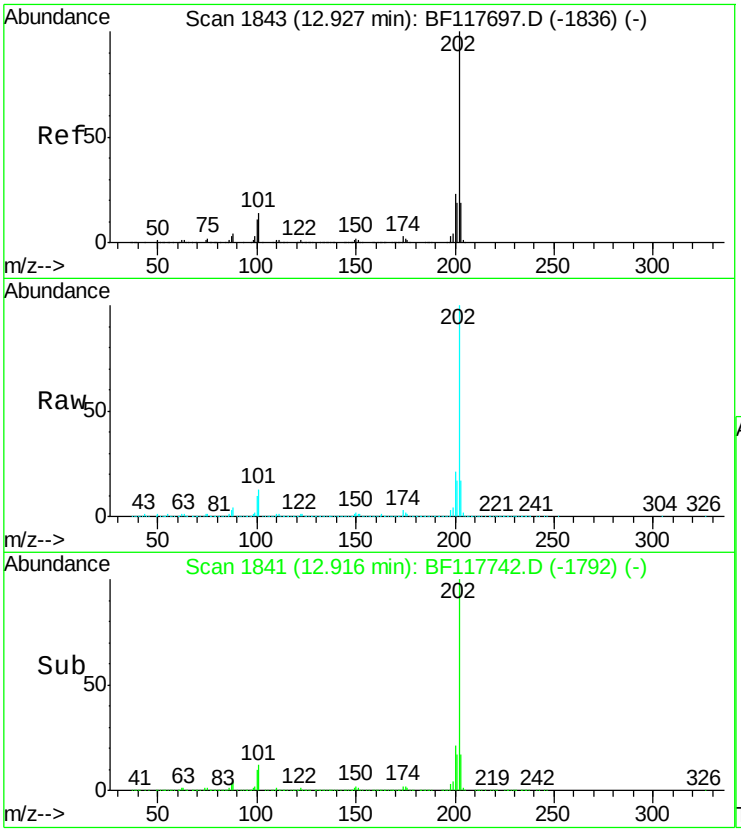


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF117742.D
Acq: 8 Nov 2019 20:17

Tgt Ion:240 Resp: 836170

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.7	14.5
236	27.7	21.9	32.9



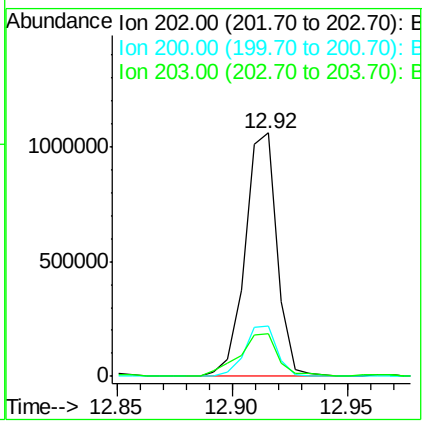


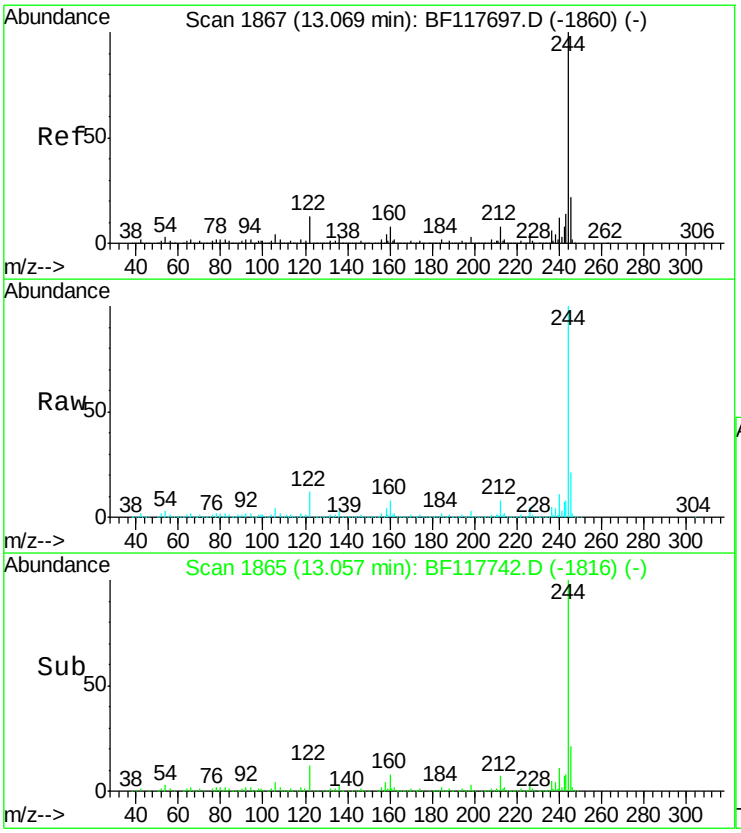
#78
Pyrene
Concen: 16.774 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF117742.D
Acq: 8 Nov 2019 20:17

Instrument :
BNA_F
ClientSampleId :
3-B

Tgt Ion:202 Resp: 1023867

Ion	Ratio	Lower	Upper
202	100		
200	20.9	18.8	28.2
203	17.3	15.2	22.8

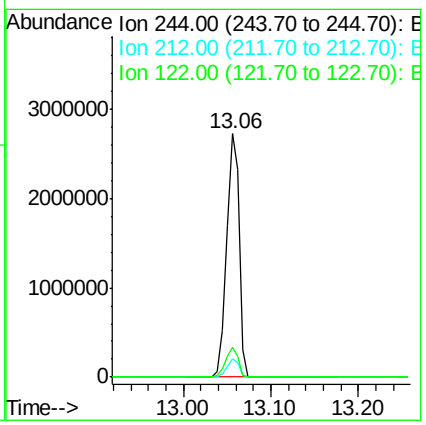


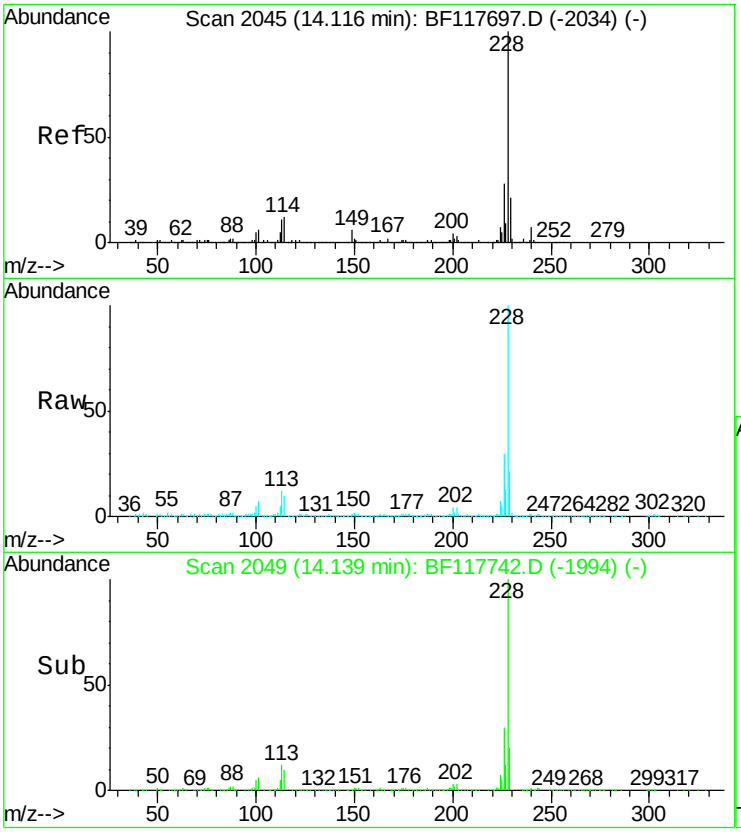


#79
Terphenyl-d14
Concen: 66.882 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF117742.D
Acq: 8 Nov 2019 20:17

Tgt Ion:244 Resp: 2716676

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.4	9.6
122	12.3	10.0	15.0



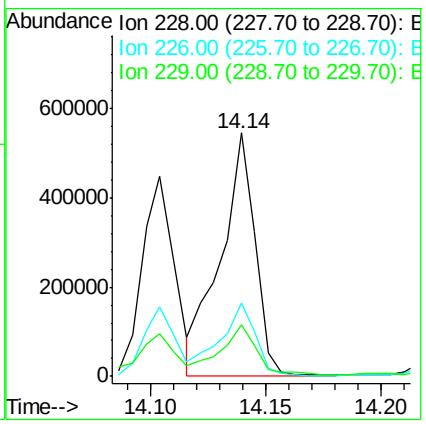


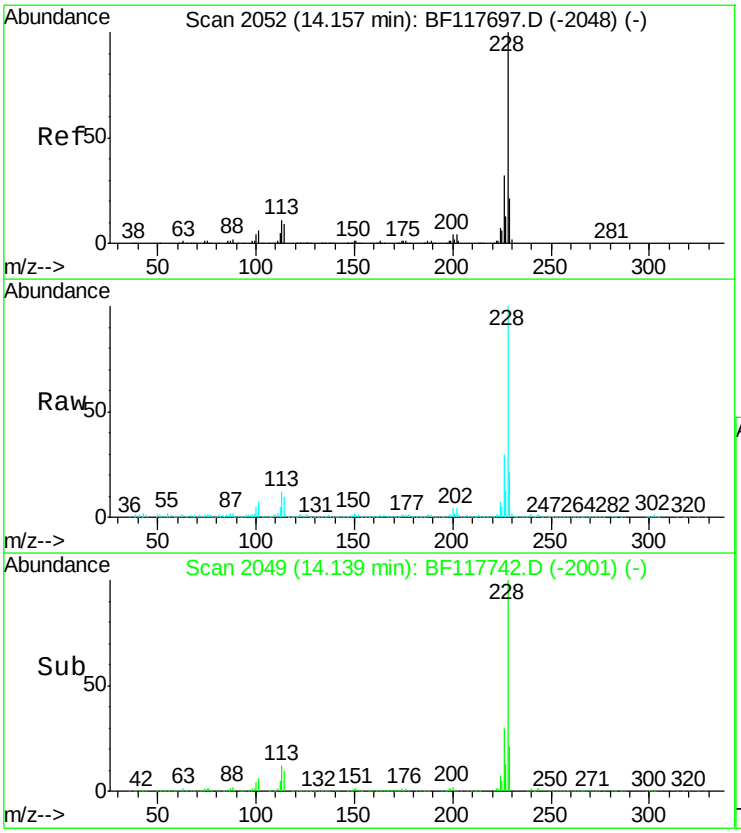
#81
Benzo(a)anthracene
Concen: 10.880 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.02 min
Lab File: BF117742.D
Acq: 8 Nov 2019 20:17

Instrument :
BNA_F
ClientSampleId :
3-B

Tgt Ion:228 Resp: 566296

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.8	34.2
229	21.4	16.9	25.3

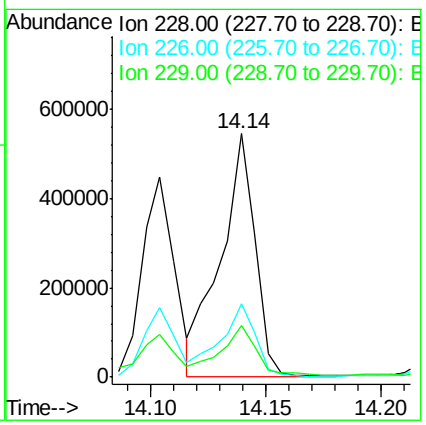


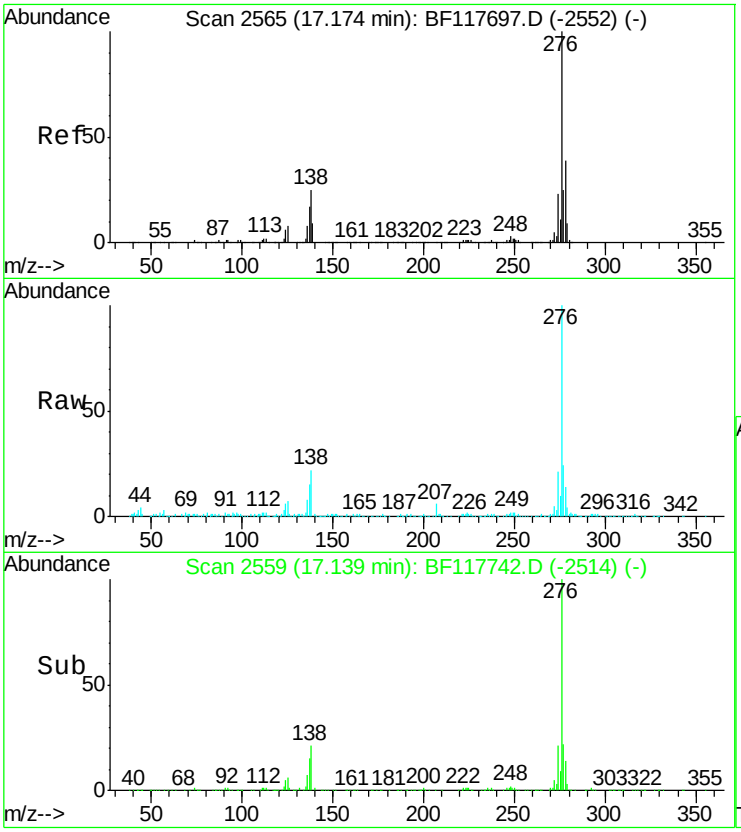


#83
Chrysene
Concen: 11.017 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.02 min
Lab File: BF117742.D
Acq: 8 Nov 2019 20:17

Tgt Ion:228 Resp: 566296

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.4	38.2
229	21.4	16.6	24.8



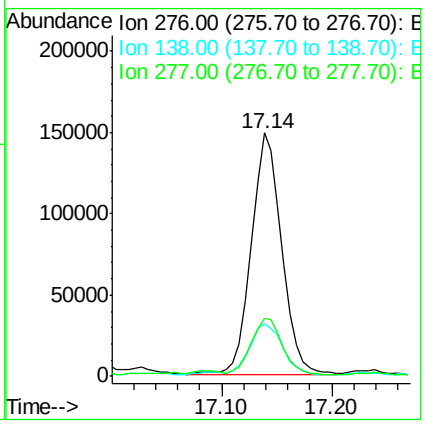


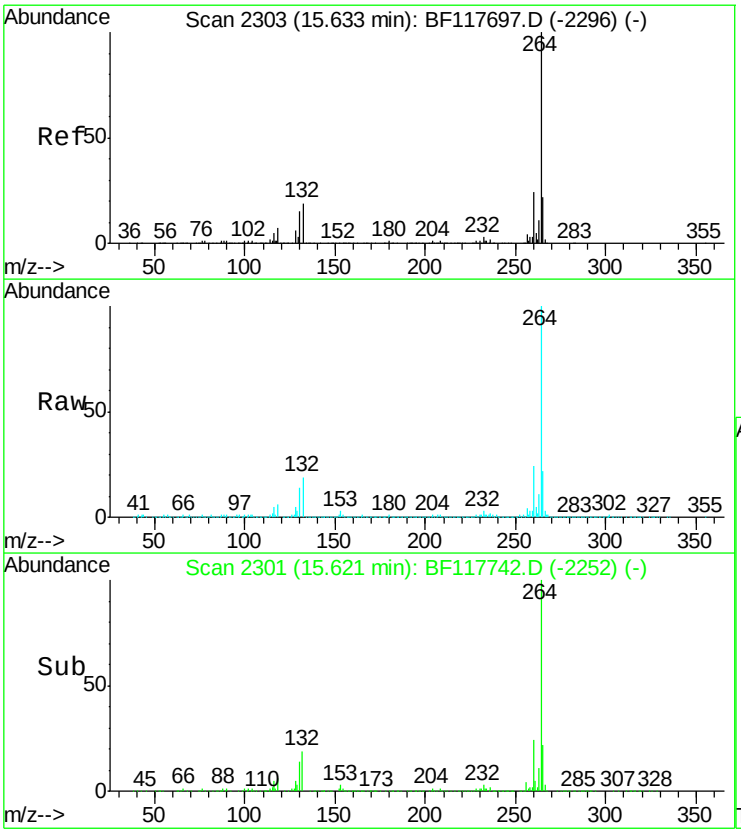
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.965 ng
RT: 17.14 min Scan# 2559
Delta R.T. -0.04 min
Lab File: BF117742.D
Acq: 8 Nov 2019 20:17

Instrument :
BNA_F
ClientSampleId :
3-B

Tgt Ion:276 Resp: 285359

Ion	Ratio	Lower	Upper
276	100		
138	22.9	22.4	33.6
277	24.3	20.6	30.8

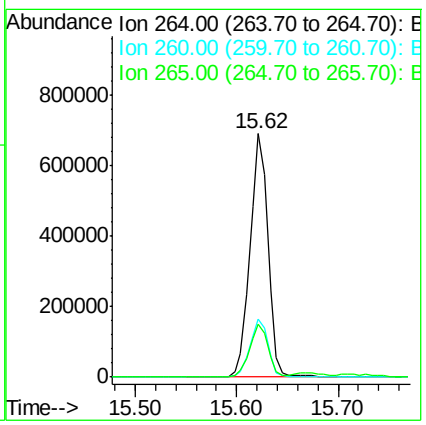


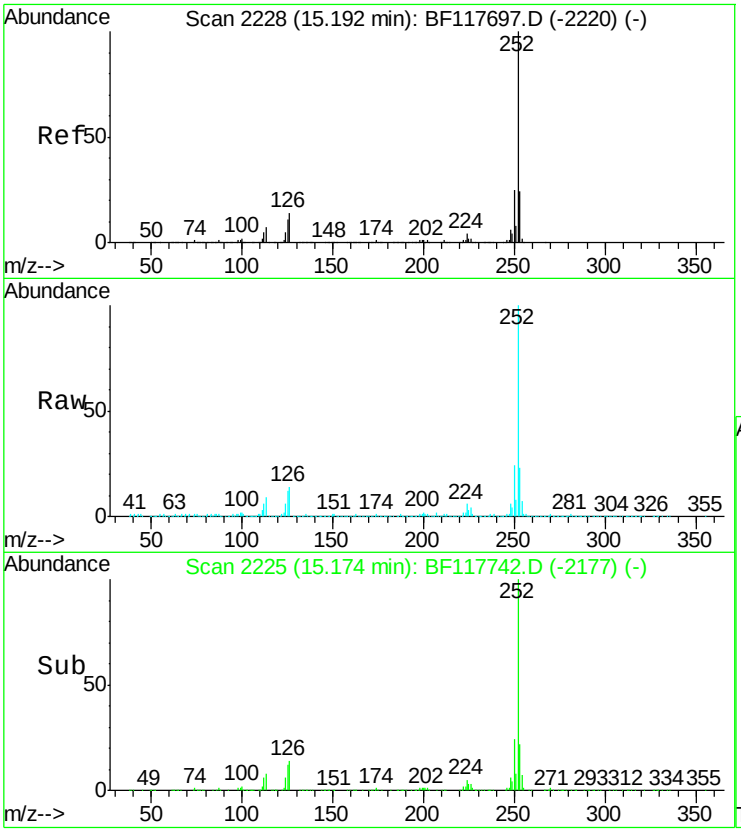


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF117742.D
Acq: 8 Nov 2019 20:17

Tgt Ion:264 Resp: 848953

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	21.8	17.7	26.5



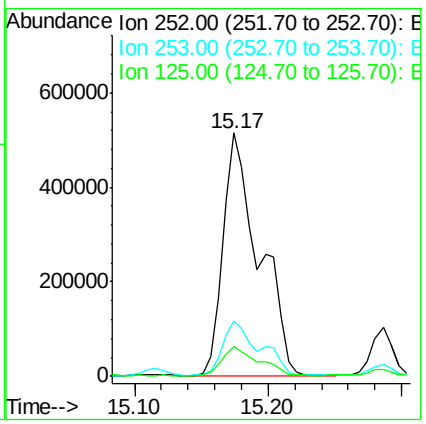


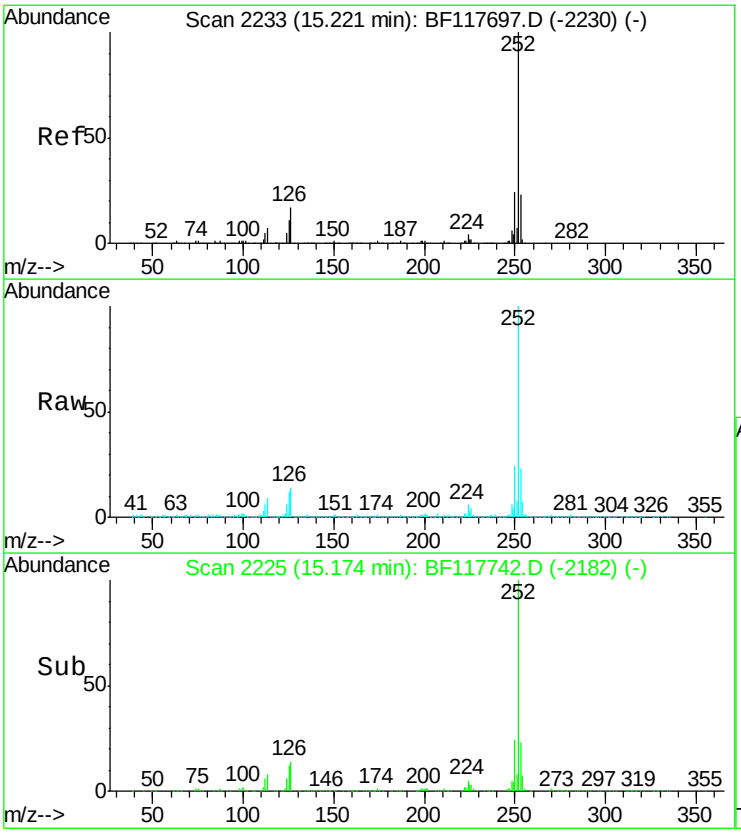
#88
Benzo(b)fluoranthene
Concen: 18.197 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.02 min
Lab File: BF117742.D
Acq: 8 Nov 2019 20:17

Instrument :
BNA_F
ClientSampleId :
3-B

Tgt Ion:252 Resp: 972983

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.9	28.3
125	12.1	8.5	12.7

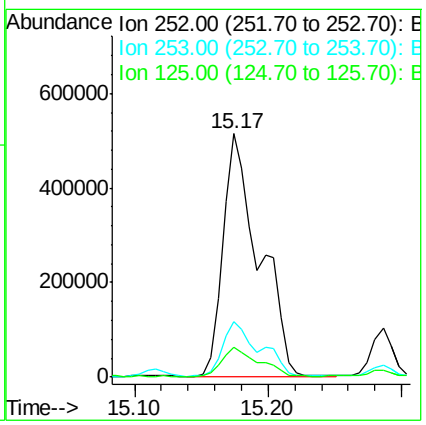


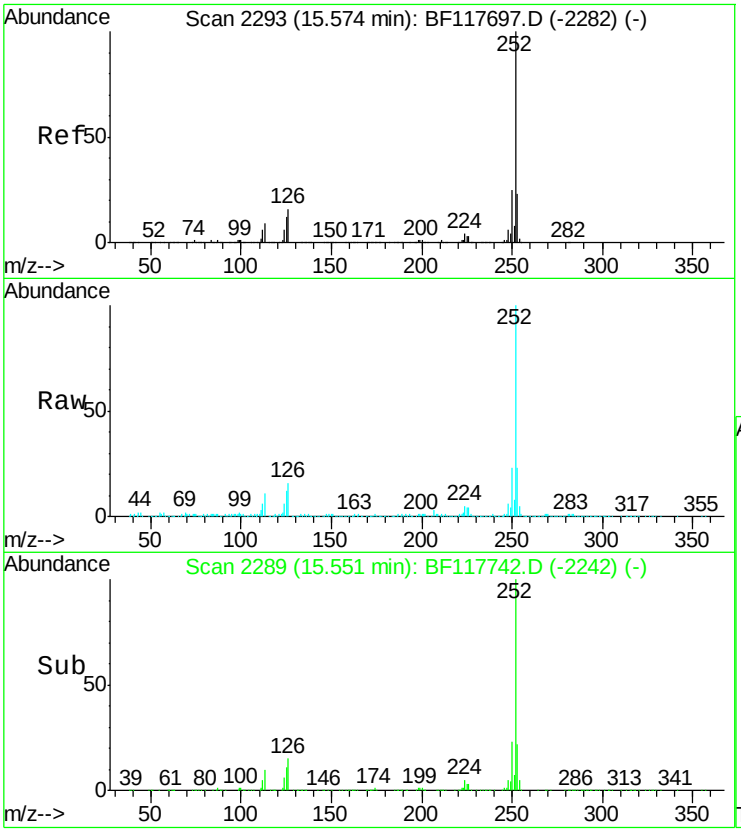


#89
Benzo(k)fluoranthene
Concen: 20.403 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.05 min
Lab File: BF117742.D
Acq: 8 Nov 2019 20:17

Tgt Ion:252 Resp: 972983

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	12.1	9.1	13.7



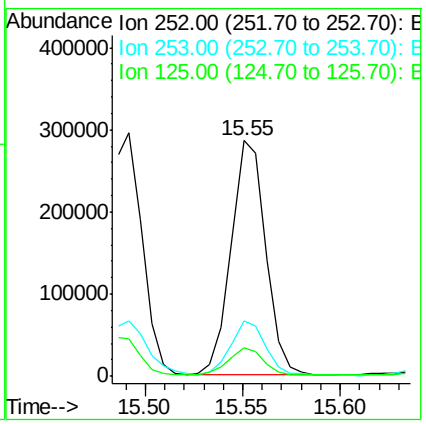


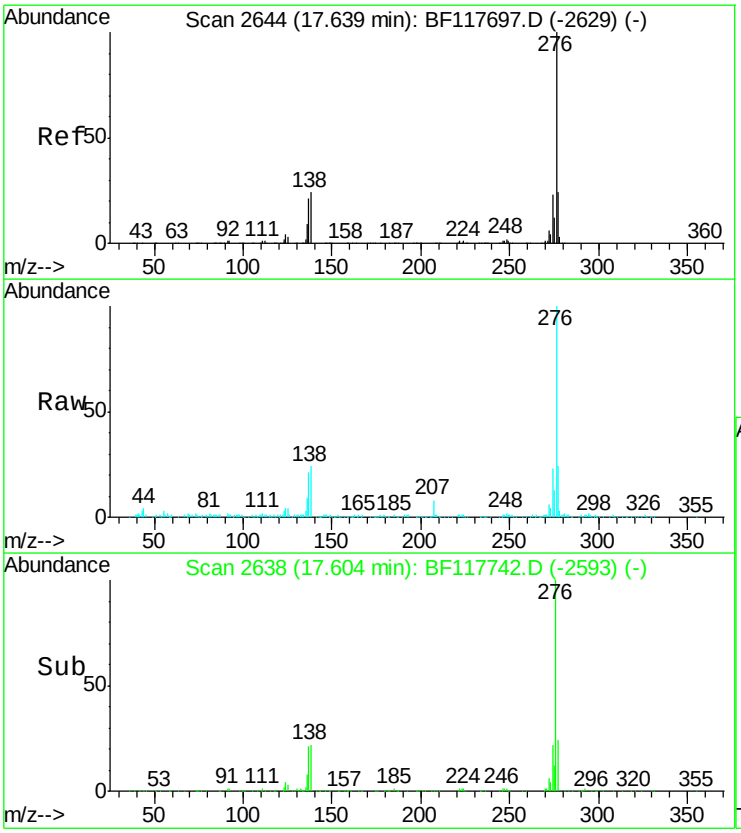
#90
Benzo(a)pyrene
Concen: 7.545 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.02 min
Lab File: BF117742.D
Acq: 8 Nov 2019 20:17

Instrument :
BNA_F
ClientSampleId :
3-B

Tgt Ion:252 Resp: 349716

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	12.4	9.5	14.3





#92
Benzo(g,h,i)perylene
Concen: 6.511 ng
RT: 17.60 min Scan# 2638
Delta R.T. -0.04 min
Lab File: BF117742.D
Acq: 8 Nov 2019 20:17

Tgt Ion:276 Resp: 262305

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.4	29.0
138	24.2	19.2	28.8