Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110819\
Data File : BF117740.D
Acq On : 8 Nov 2019 19:23
Operator : JU
Sample : K5722-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2-C

Quant Time: Nov 09 01:24:40 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	351312	20.00	ng		-0.01
21) Naphthalene-d8	8.22	136	1374745	20.00	ng		-0.01
39) Acenaphthene-d10	9.97	164	725153	20.00	ng		-0.01
64) Phenanthrene-d10	11.47	188	1128387	20.00	ng		0.00
76) Chrysene-d12	14.12	240	736884	20.00	ng		0.00
87) Perylene-d12	15.62	264	800853	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	2011605	103.65	ng		0.00
7) Phenol-d6	6.55	99	2576233	107.65	ng		0.00
23) Nitrobenzene-d5	7.49	82	1623617	69.73	ng		-0.02
42) 2,4,6-Tribromophenol	10.77	330	707183	99.69	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	2661451	72.41	ng		-0.01
79) Terphenyl-d14	13.07	244	2257456	63.07	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.56	94	89661	3.477	ng		94
19) n-Nitroso-di-n-propylamine	7.49	70	225843	14.353	ng	#	76
25) Isophorone	7.49	82	1617393	36.316	ng	#	62
50) Dimethylphthalate	9.69	163	400063	8.161	ng		97
71) Phenanthrene	11.50	178	173851	3.214	ng	#	88
75) Fluoranthene	12.69	202	564414	10.220	ng		97
78) Pyrene	12.92	202	518129	9.632	ng		96
81) Benzo(a)anthracene	14.11	228	249352	5.436	ng		93
83) Chrysene	14.14	228	279949	6.180	ng		97
86) Indeno(1,2,3-cd)pyrene	17.14	276	177966	4.221	ng		94
88) Benzo(b)fluoranthene	15.17	252	611869	12.131	ng	#	98
89) Benzo(k)fluoranthene	15.17	252	611869	13.601	ng		97
90) Benzo(a)pyrene	15.56	252	192001	4.391	ng	#	97
92) Benzo(g,h,i)perylene	17.60	276	157939	4.156	ng		99

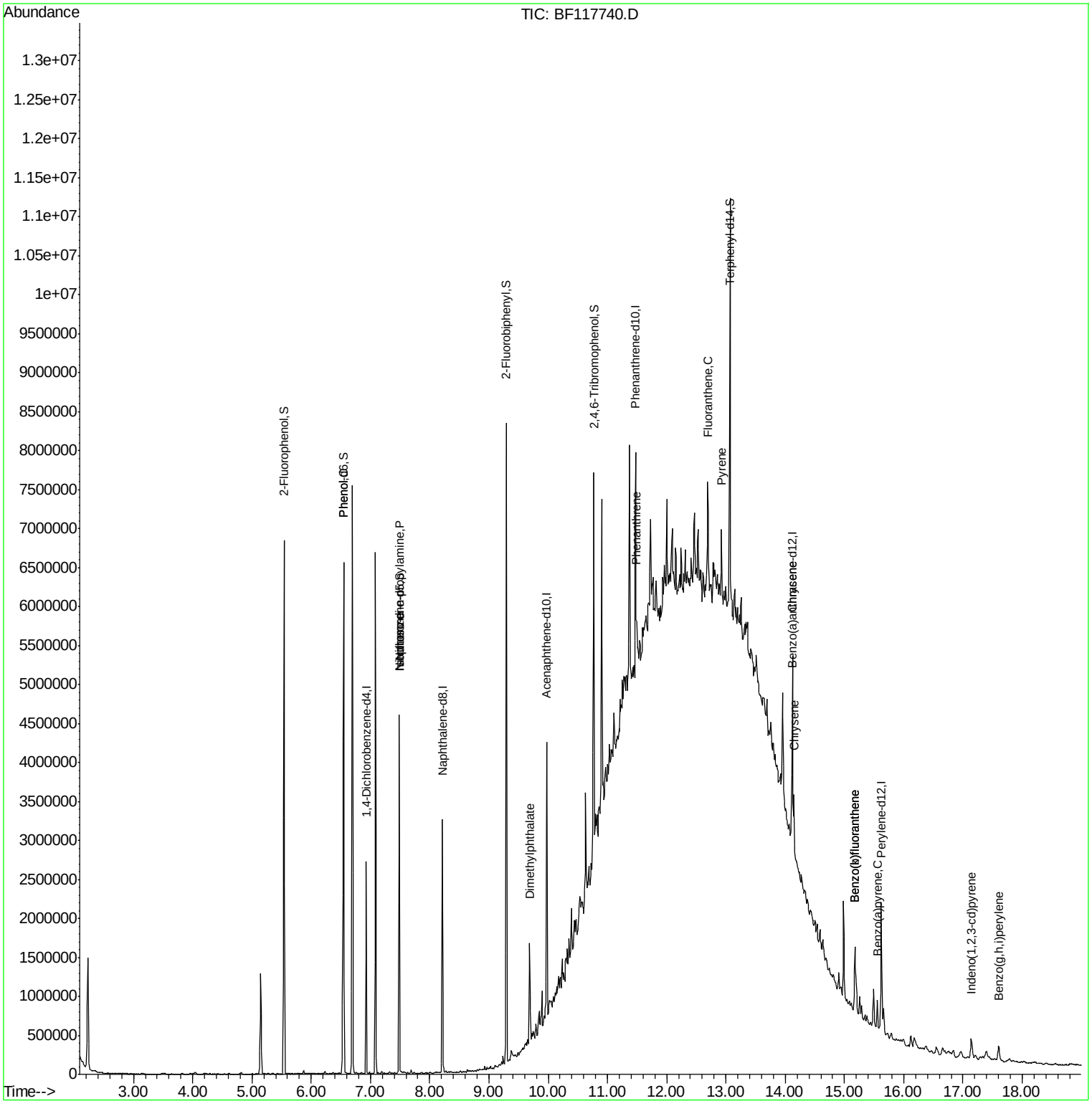
(#) = qualifier out of range (m) = manual integration (+) = signals summed

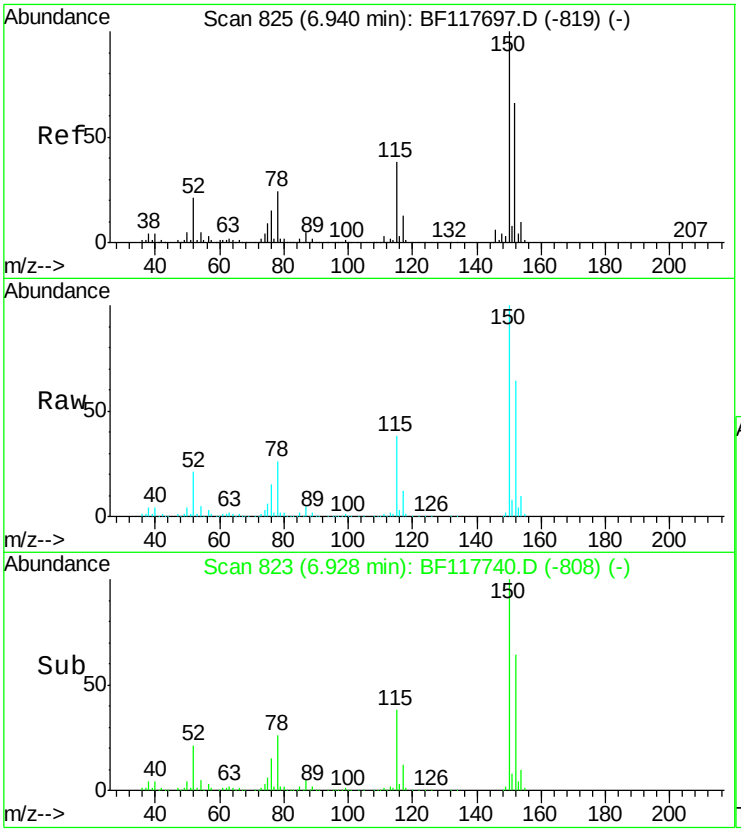
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110819\
Data File : BF117740.D
Acq On : 8 Nov 2019 19:23
Operator : JU
Sample : K5722-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2-C

Quant Time: Nov 09 01:24:40 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



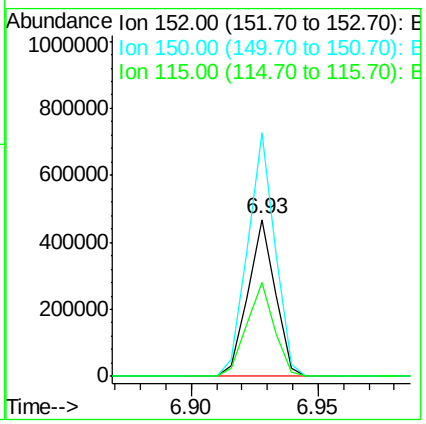


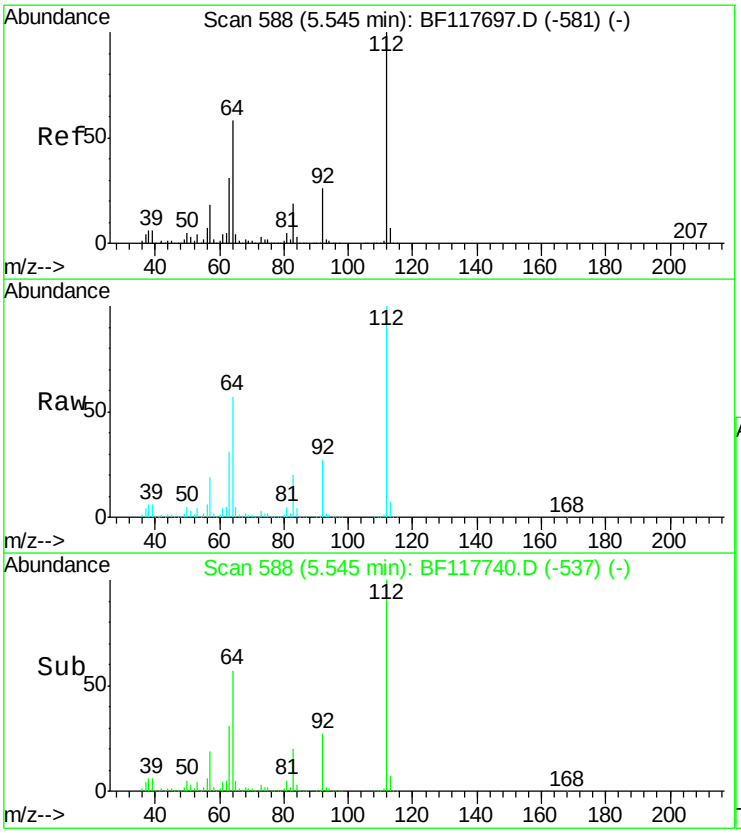
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF117740.D
Acq: 8 Nov 2019 19:23

Instrument :
BNA_F
ClientSampleId :
2-C

Tgt Ion:152 Resp: 351312

Ion	Ratio	Lower	Upper
152	100		
150	155.4	121.4	182.2
115	59.7	46.7	70.1

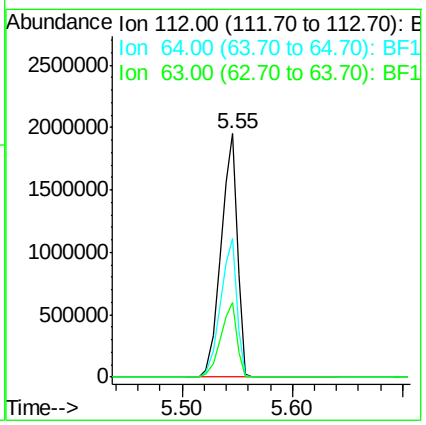


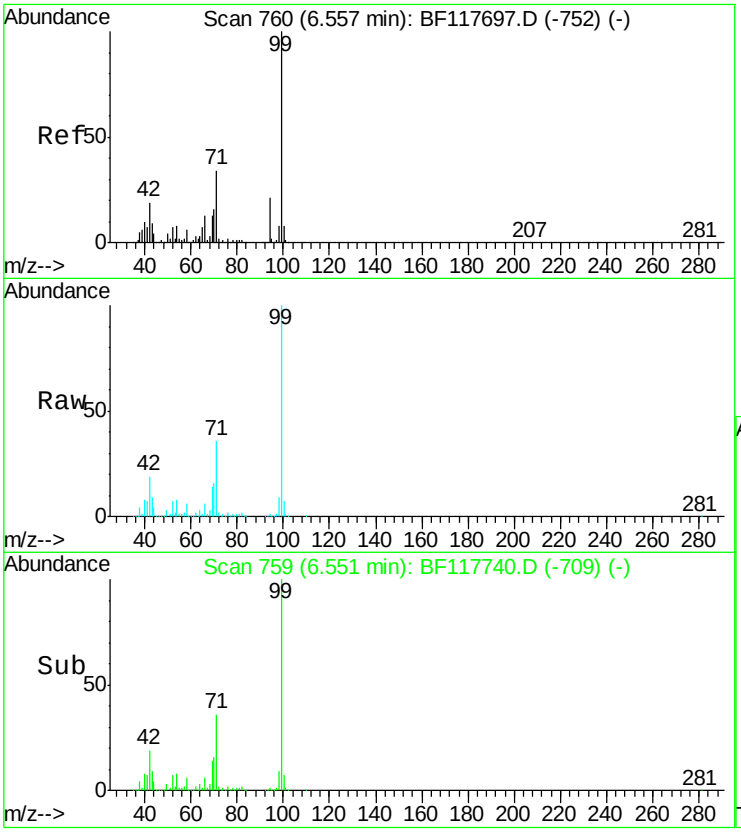


#5
2-Fluorophenol
Concen: 103.649 ng
RT: 5.55 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF117740.D
Acq: 8 Nov 2019 19:23

Tgt Ion:112 Resp: 2011605

Ion	Ratio	Lower	Upper
112	100		
64	56.9	46.4	69.6
63	30.9	24.6	37.0



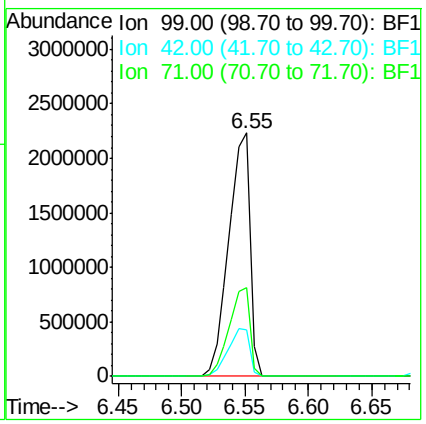


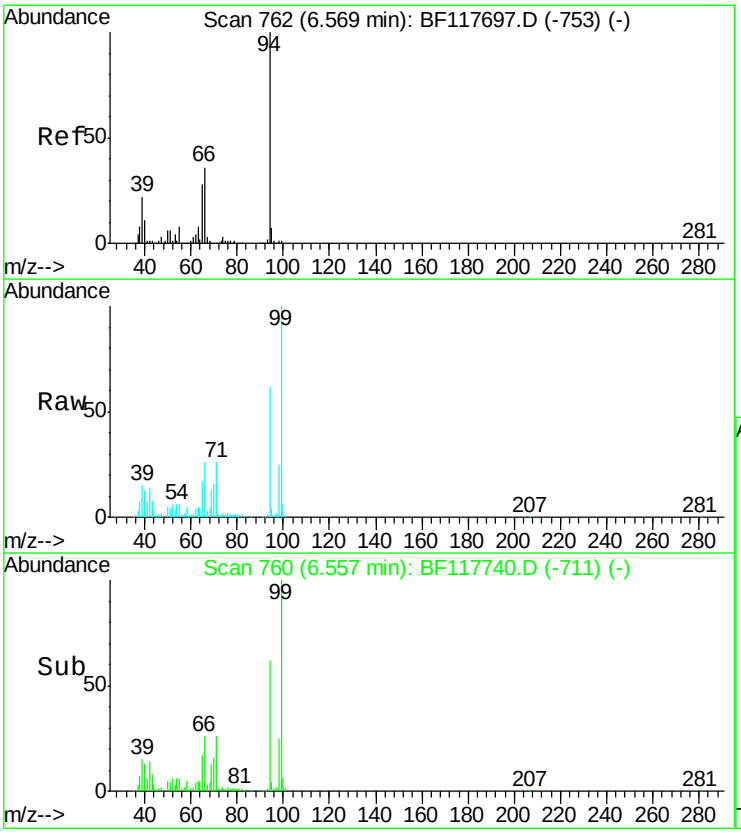
#7
Phenol-d6
Concen: 107.655 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF117740.D
Acq: 8 Nov 2019 19:23

Instrument :
BNA_F
ClientSampleId :
2-C

Tgt Ion: 99 Resp: 2576233

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.3	22.9
71	36.2	26.8	40.2

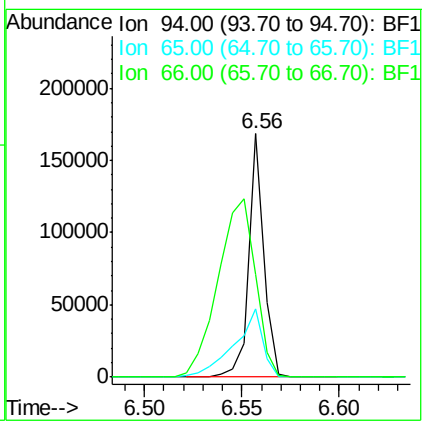


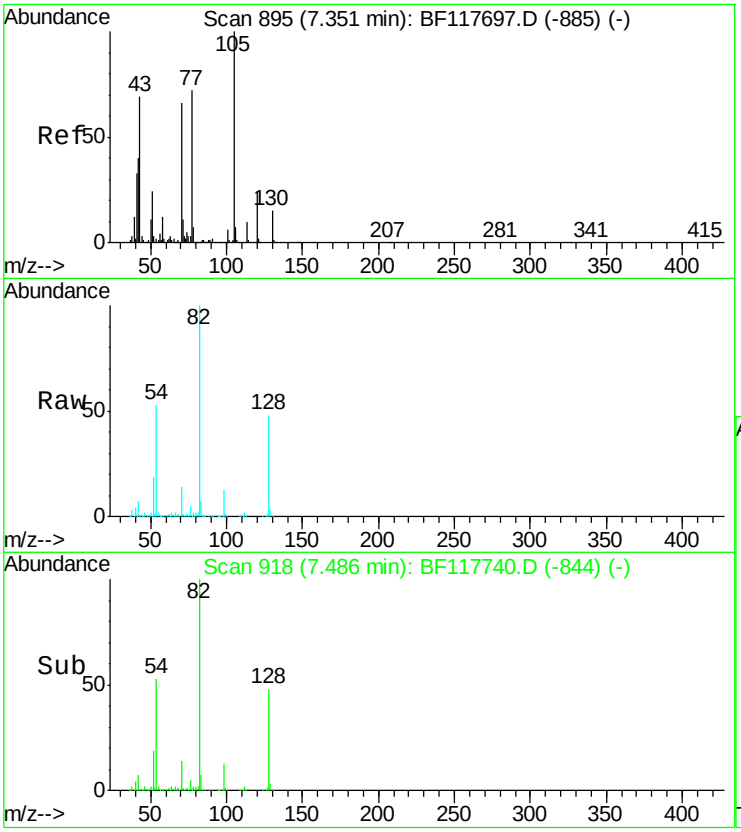


#10
Phenol
Concen: 3.477 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF117740.D
Acq: 8 Nov 2019 19:23

Tgt Ion: 94 Resp: 89661

Ion	Ratio	Lower	Upper
94	100		
65	27.9	7.6	47.6
66	42.4	16.1	56.1



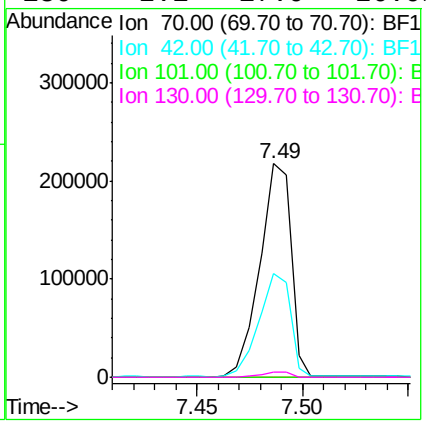


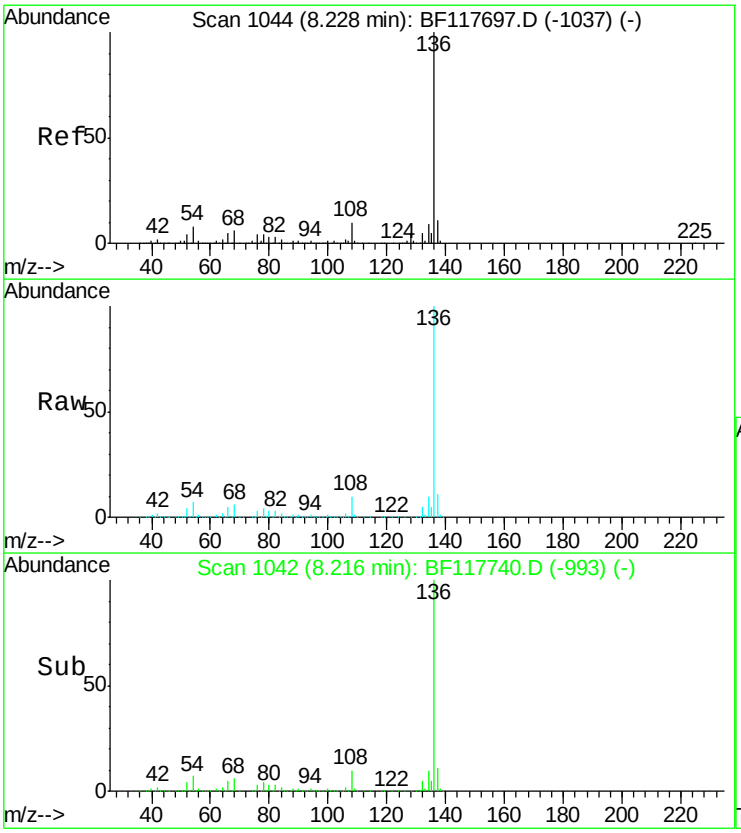
#19
n-Nitroso-di-n-propylamine
Concen: 14.353 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.14 min
Lab File: BF117740.D
Acq: 8 Nov 2019 19:23

Instrument :
BNA_F
ClientSampleId :
2-C

Tgt Ion: 70 Resp: 225843

Ion	Ratio	Lower	Upper
70	100		
42	48.3	49.1	73.7#
101	0.0	7.8	11.8#
130	2.1	17.9	26.9#

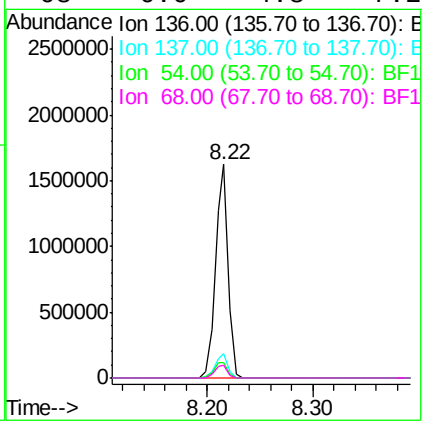


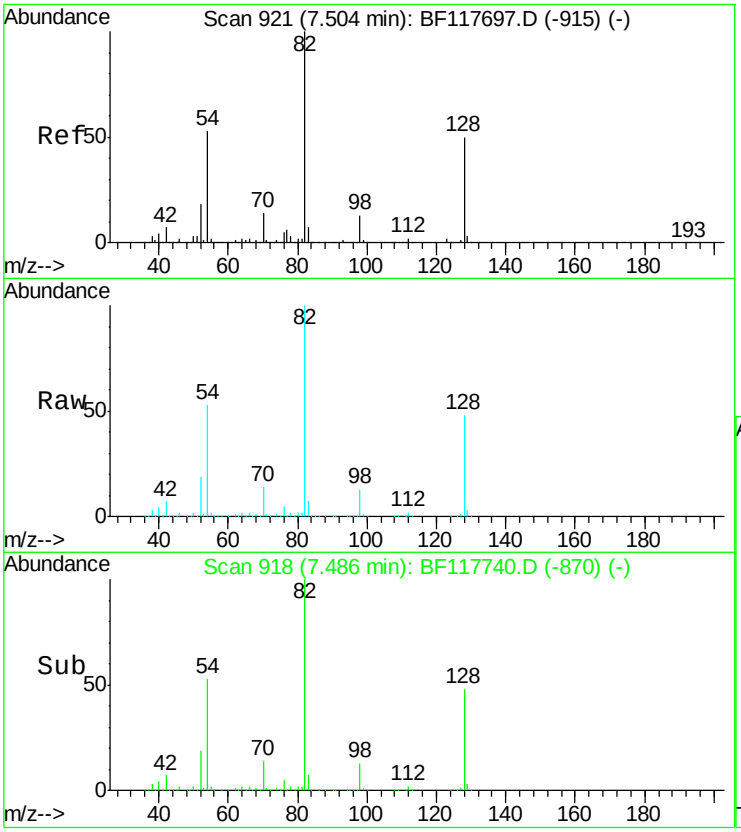


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF117740.D
Acq: 8 Nov 2019 19:23

Tgt Ion:136 Resp: 1374745

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.4	6.0	9.0
68	6.0	4.8	7.2



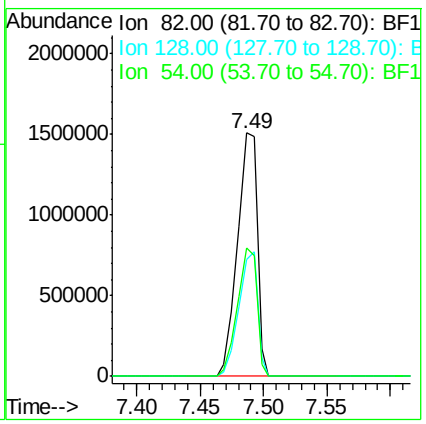


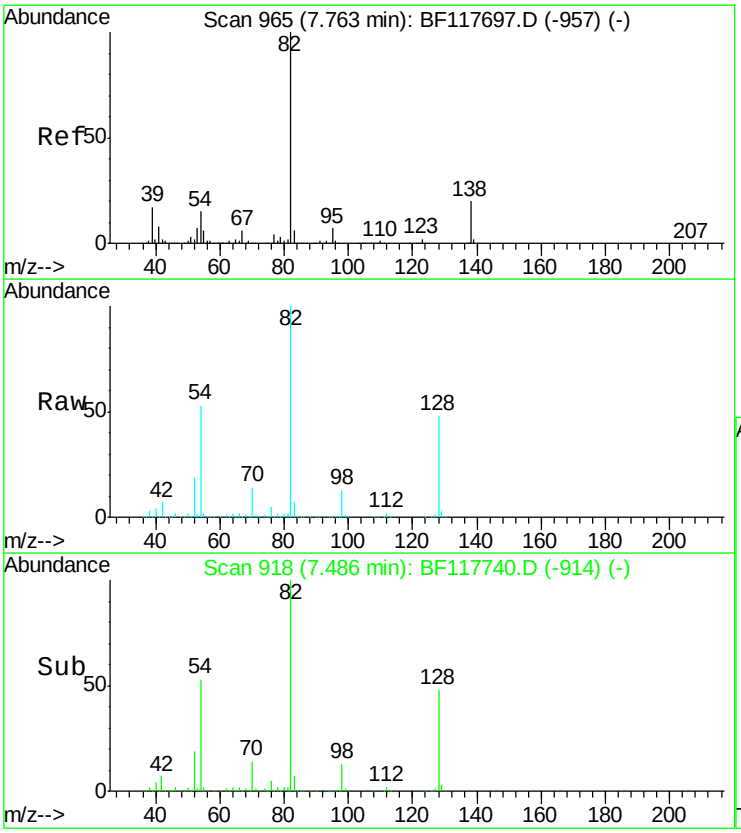
#23
Nitrobenzene-d5
Concen: 69.727 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.02 min
Lab File: BF117740.D
Acq: 8 Nov 2019 19:23

Instrument :
BNA_F
ClientSampleId :
2-C

Tgt Ion: 82 Resp: 1623617

Ion	Ratio	Lower	Upper
82	100		
128	48.1	40.2	60.2
54	52.9	42.0	63.0

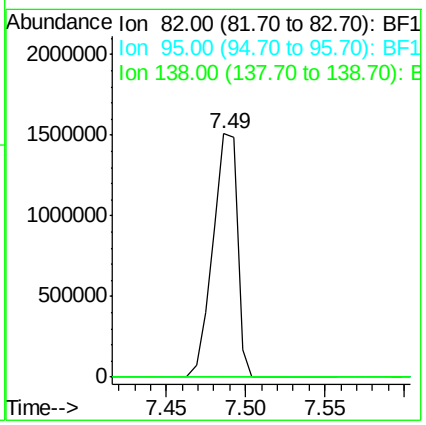


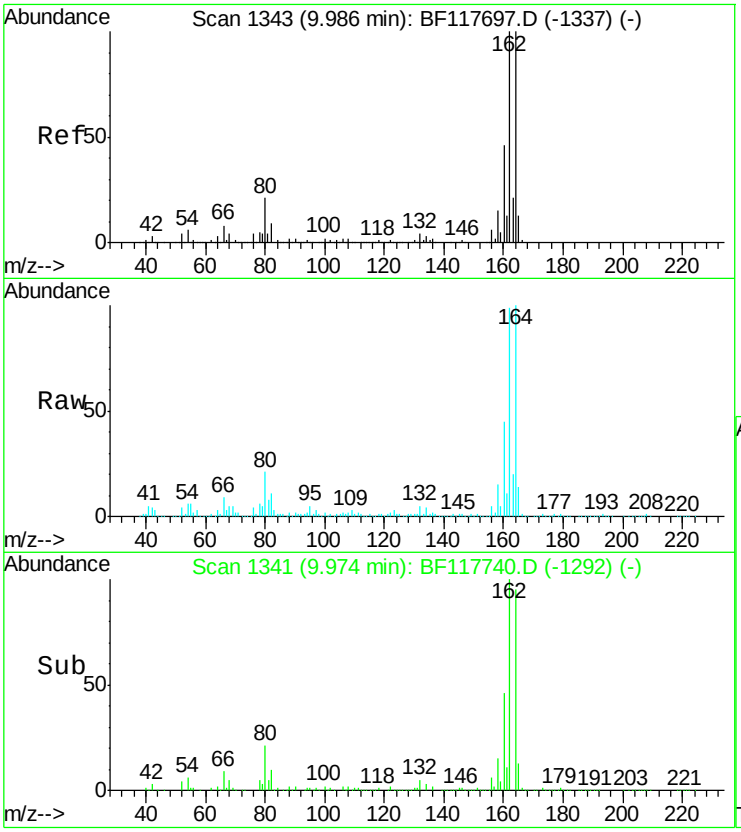


#25
Isophorone
Concen: 36.316 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.28 min
Lab File: BF117740.D
Acq: 8 Nov 2019 19:23

Tgt Ion: 82 Resp: 1617393

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



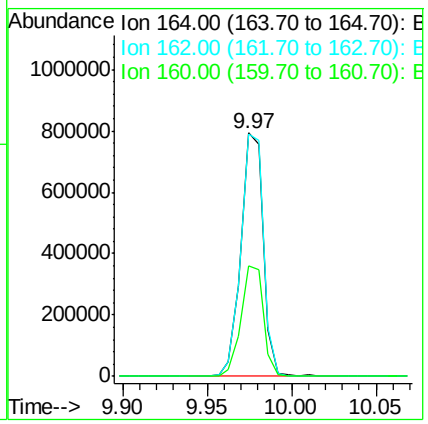


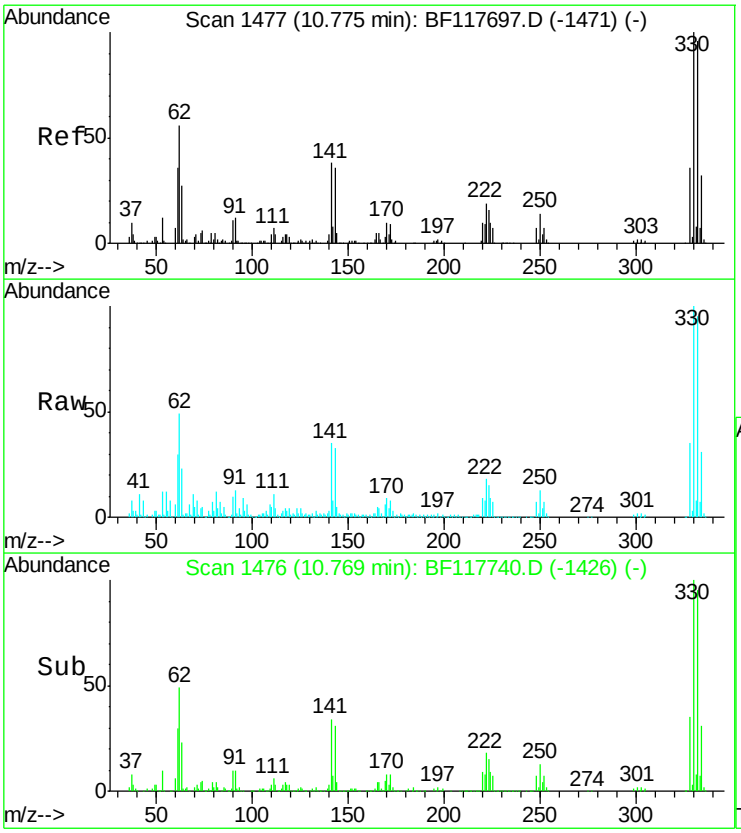
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF117740.D
Acq: 8 Nov 2019 19:23

Instrument :
BNA_F
ClientSampleId :
2-C

Tgt Ion:164 Resp: 725153

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.7	119.5
160	45.3	36.5	54.7

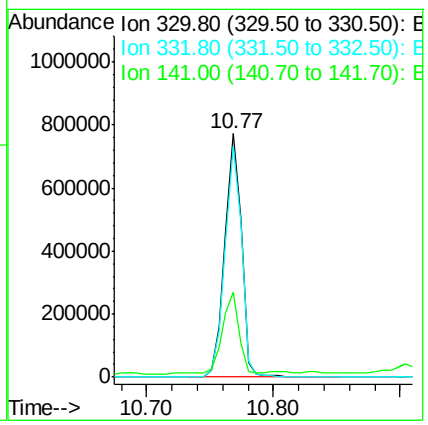


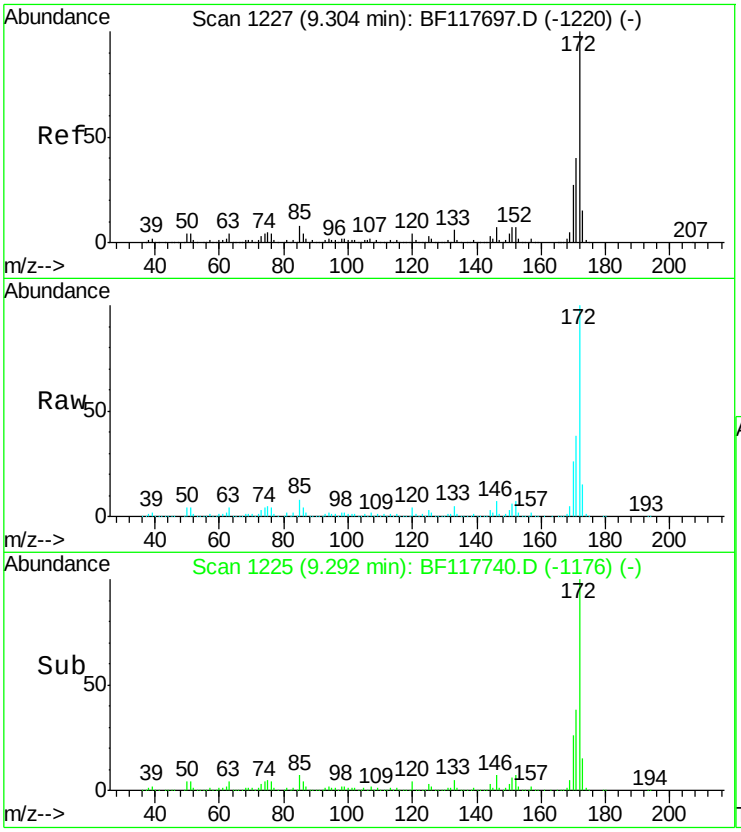


#42
2,4,6-Tribromophenol
Concen: 99.692 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF117740.D
Acq: 8 Nov 2019 19:23

Tgt Ion:330 Resp: 707183

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.4	116.0
141	33.9	28.0	42.0



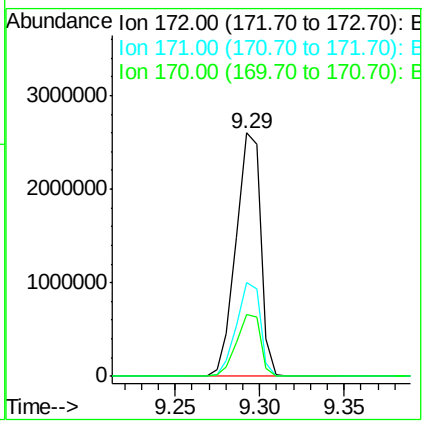


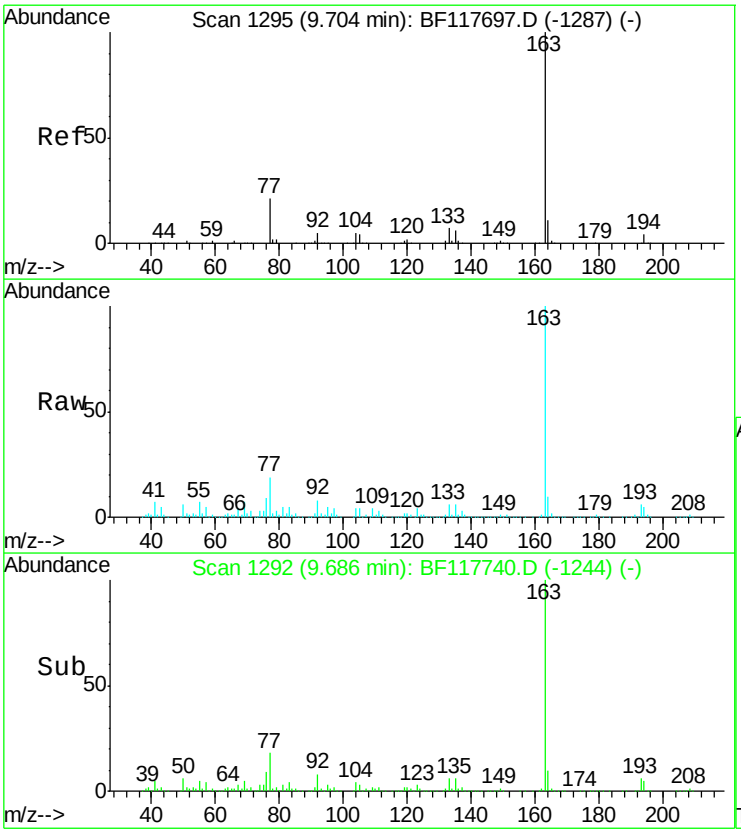
#45
2-Fluorobiphenyl
Concen: 72.413 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF117740.D
Acq: 8 Nov 2019 19:23

Instrument :
BNA_F
ClientSampleId :
2-C

Tgt Ion:172 Resp: 2661451

Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.8	47.8
170	25.6	21.6	32.4

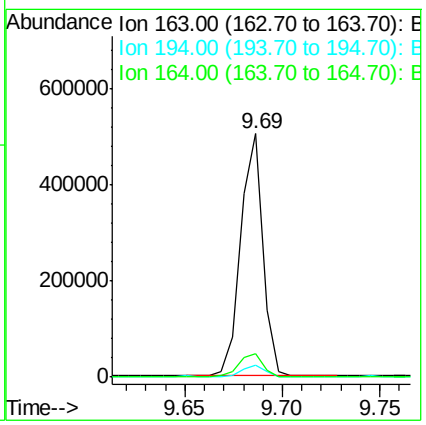


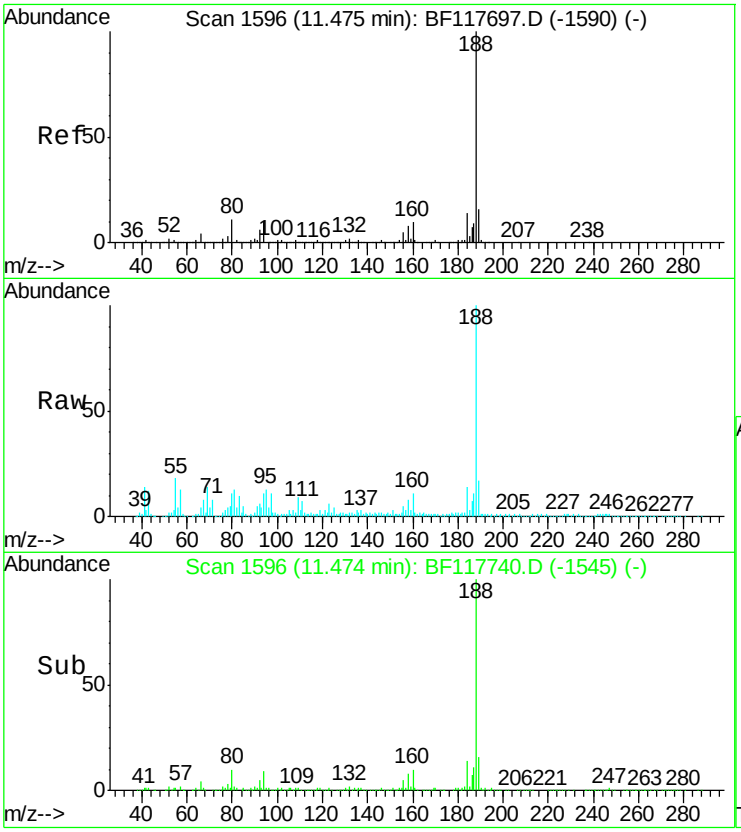


#50
Dimethylphthalate
Concen: 8.161 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF117740.D
Acq: 8 Nov 2019 19:23

Tgt Ion:163 Resp: 400063

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.4	5.0
164	9.6	8.9	13.3



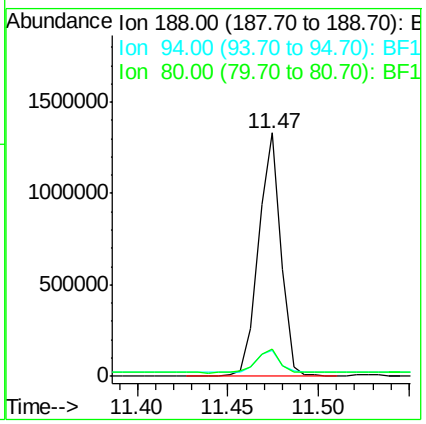


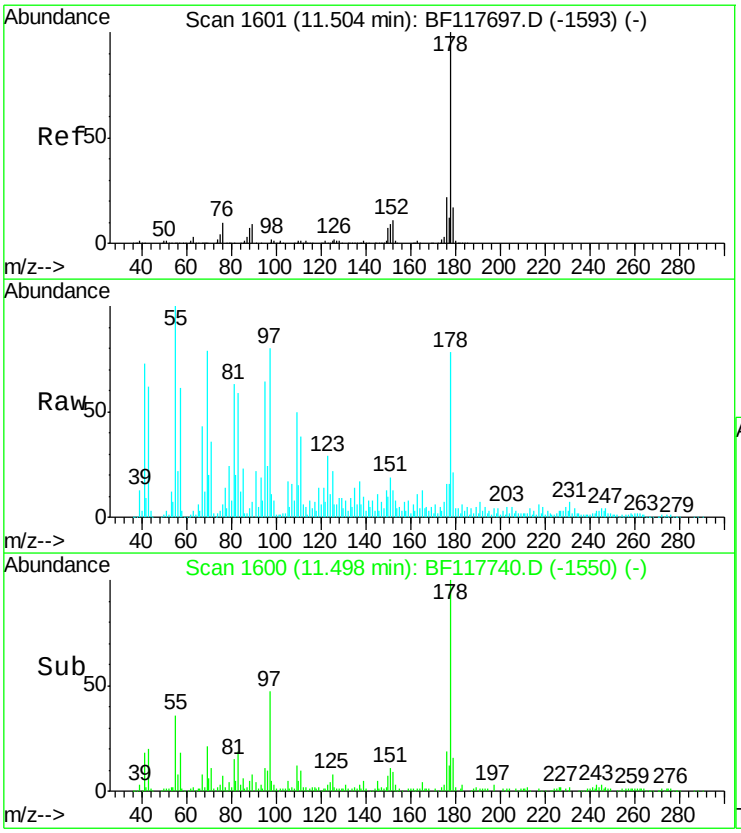
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF117740.D
Acq: 8 Nov 2019 19:23

Instrument :
BNA_F
ClientSampleId :
2-C

Tgt Ion:188 Resp: 1128387

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.2	12.4
80	11.0	8.6	13.0

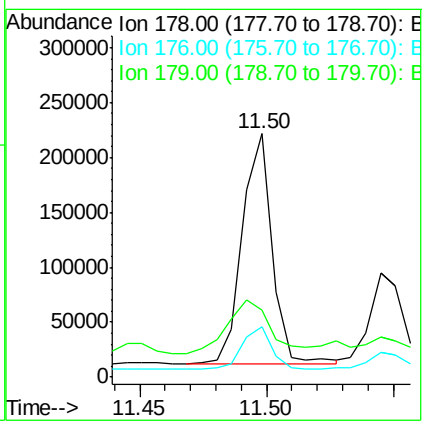


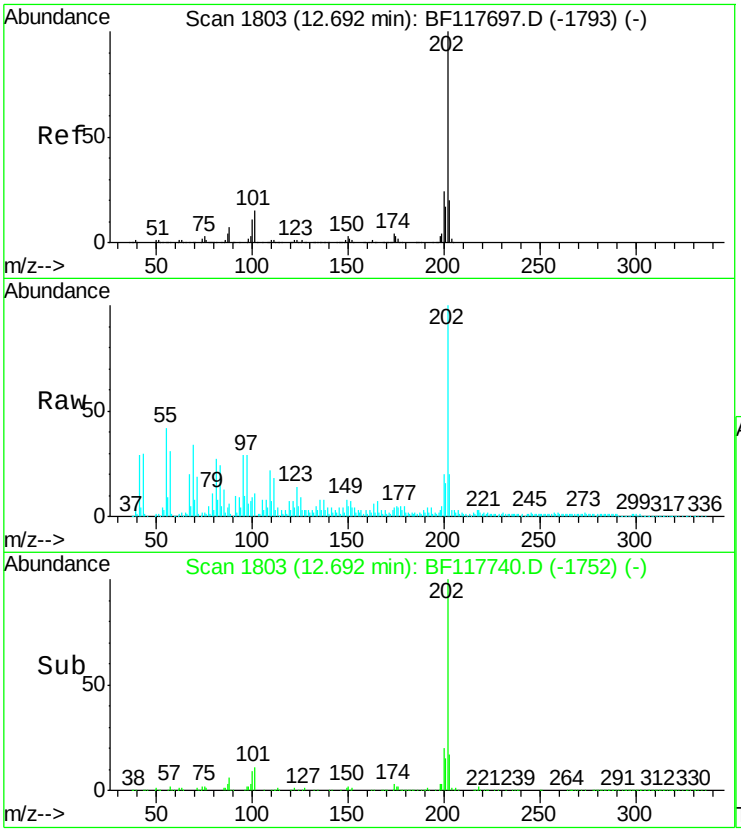


#71
Phenanthrene
Concen: 3.214 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF117740.D
Acq: 8 Nov 2019 19:23

Tgt Ion:178 Resp: 173851

Ion	Ratio	Lower	Upper
178	100		
176	20.8	17.7	26.5
179	27.3	13.8	20.8#



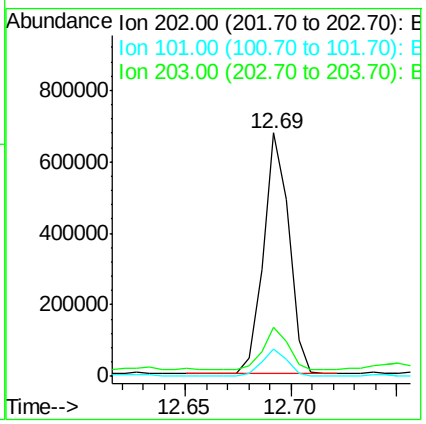


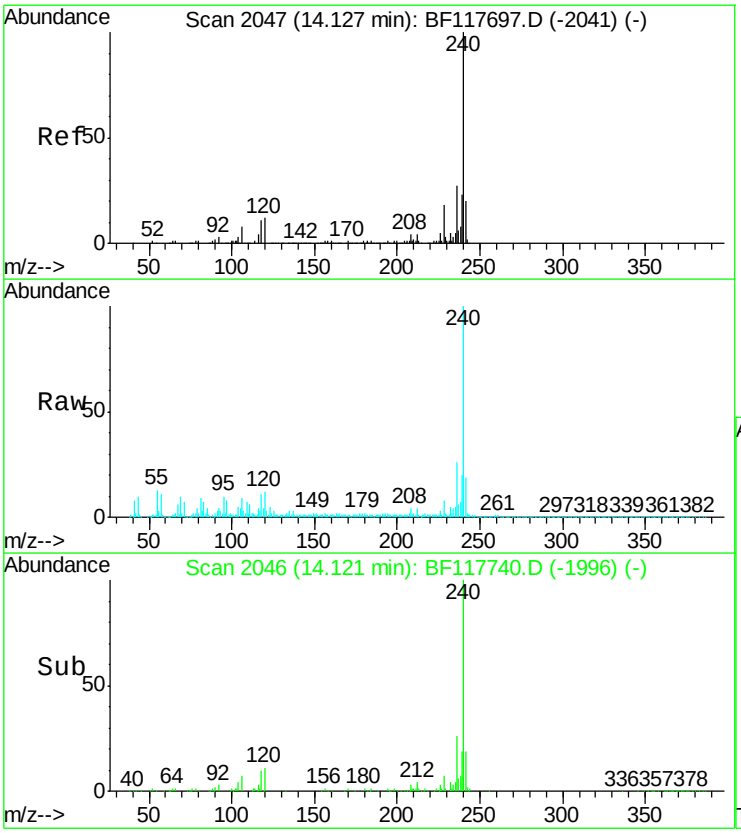
#75
Fluoranthene
Concen: 10.220 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BF117740.D
Acq: 8 Nov 2019 19:23

Instrument :
BNA_F
ClientSampleId :
2-C

Tgt Ion:202 Resp: 564414

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	34.5
203	19.9	0.0	39.8

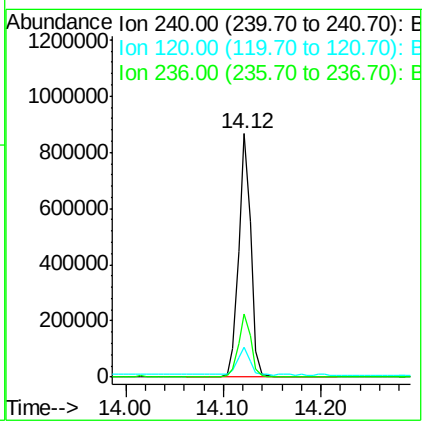


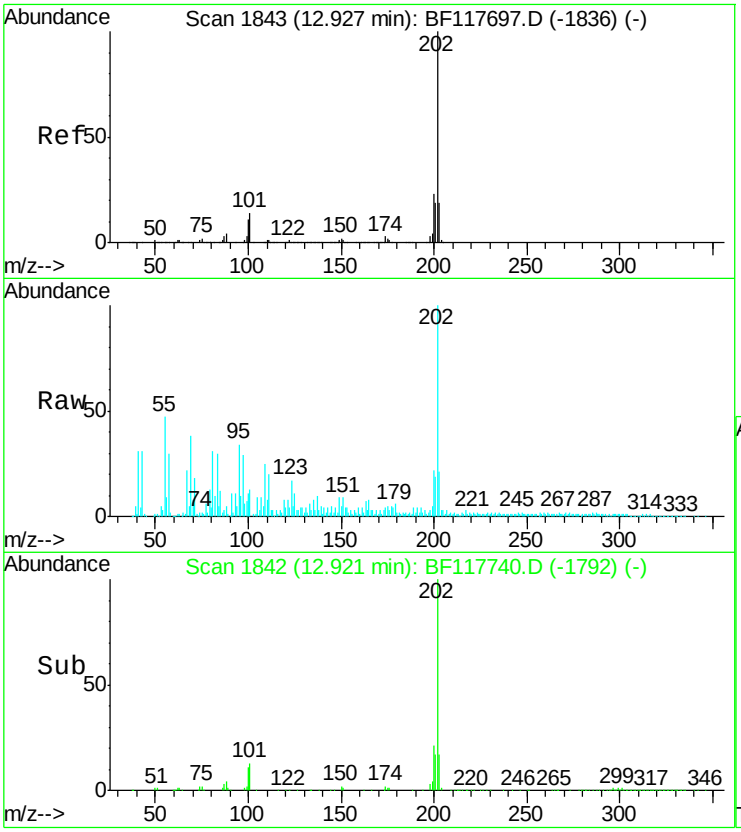


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF117740.D
Acq: 8 Nov 2019 19:23

Tgt Ion:240 Resp: 736884

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.7	14.5
236	25.9	21.9	32.9



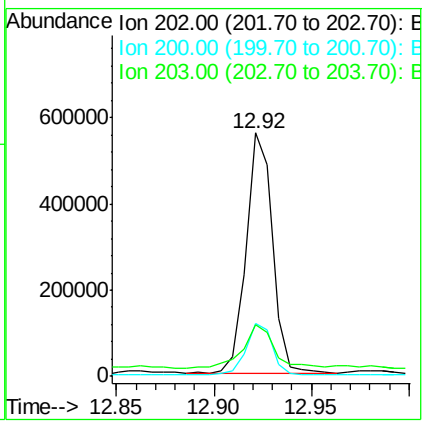


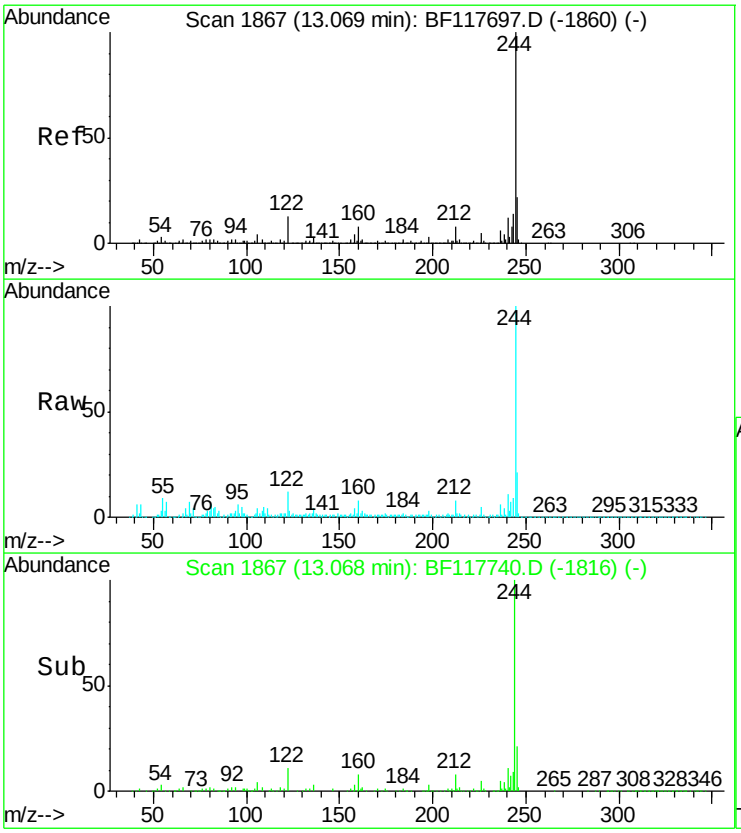
#78
Pyrene
Concen: 9.632 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BF117740.D
Acq: 8 Nov 2019 19:23

Instrument :
BNA_F
ClientSampleId :
2-C

Tgt Ion:202 Resp: 518129

Ion	Ratio	Lower	Upper
202	100		
200	21.7	18.8	28.2
203	21.1	15.2	22.8

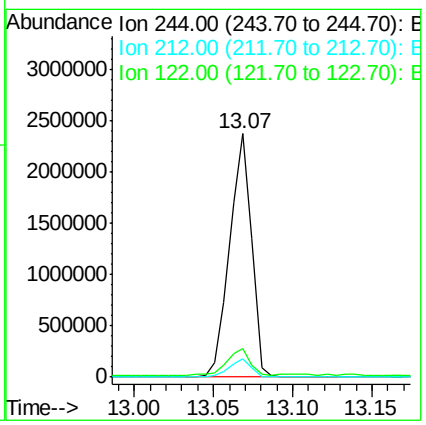


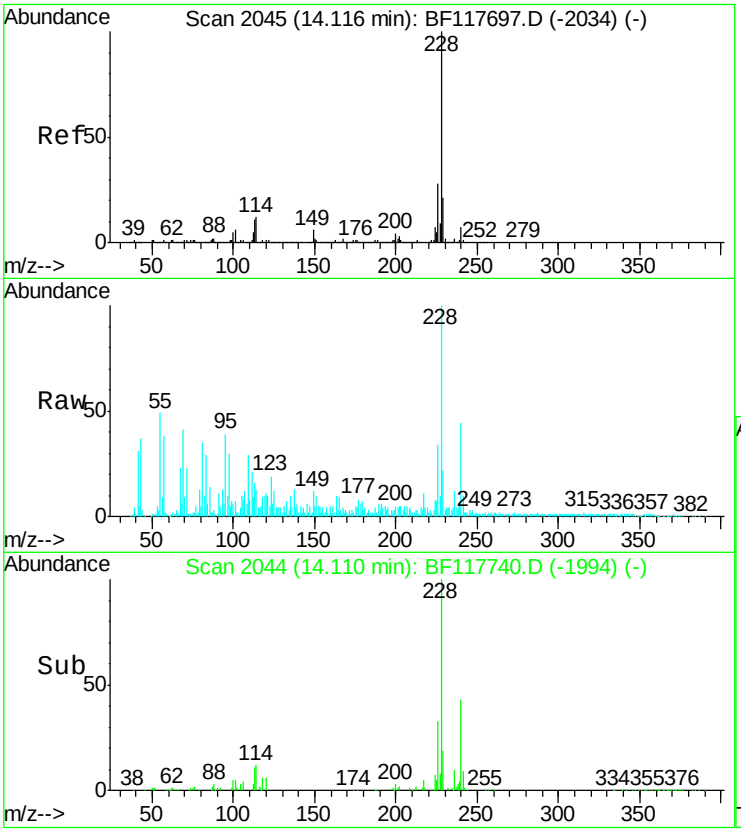


#79
Terphenyl-d14
Concen: 63.065 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BF117740.D
Acq: 8 Nov 2019 19:23

Tgt Ion:244 Resp: 2257456

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	11.8	10.0	15.0



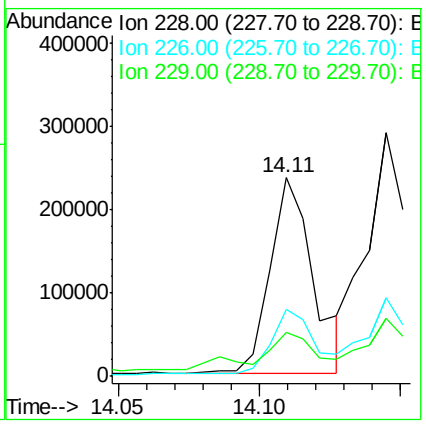


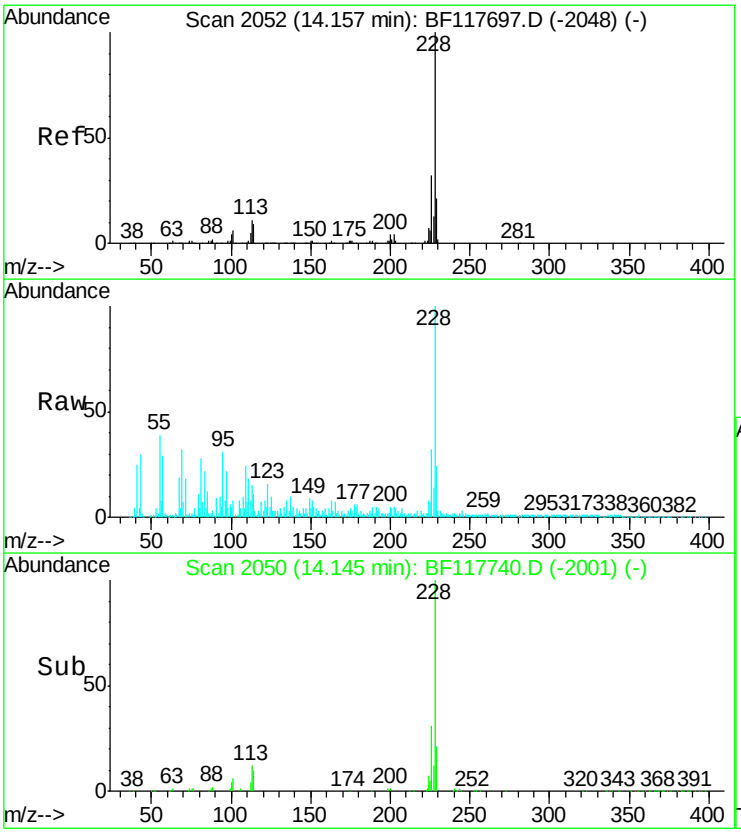
#81
Benzo(a)anthracene
Concen: 5.436 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117740.D
Acq: 8 Nov 2019 19:23

Instrument :
BNA_F
ClientSampleId :
2-C

Tgt Ion:228 Resp: 249352

Ion	Ratio	Lower	Upper
228	100		
226	34.1	22.8	34.2
229	22.2	16.9	25.3

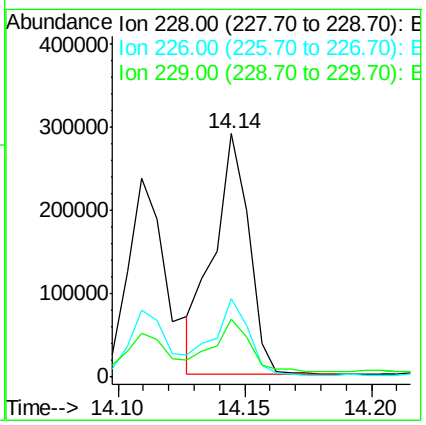


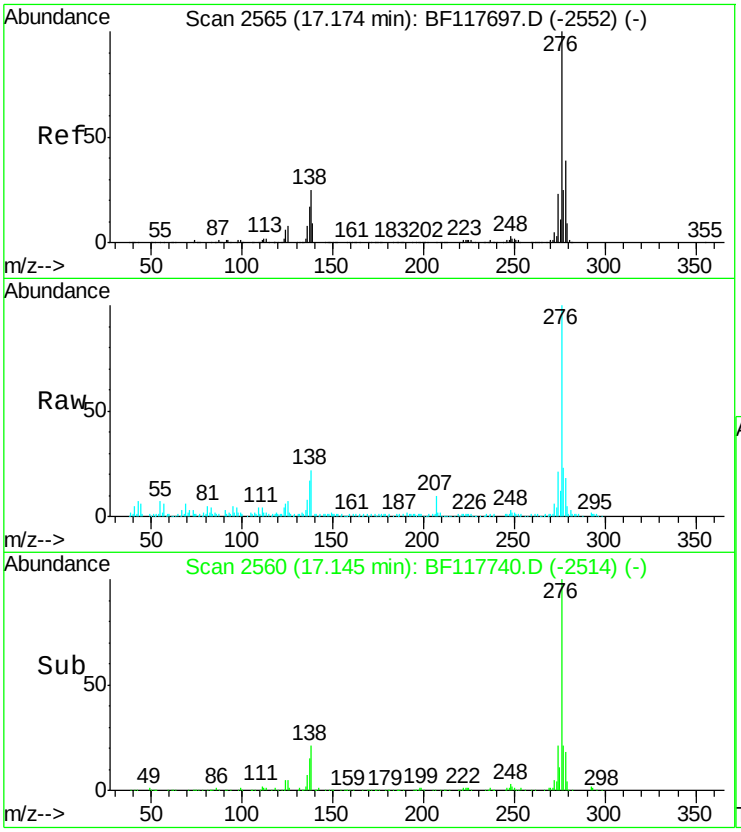


#83
Chrysene
Concen: 6.180 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF117740.D
Acq: 8 Nov 2019 19:23

Tgt Ion:228 Resp: 279949

Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.4	38.2
229	23.9	16.6	24.8



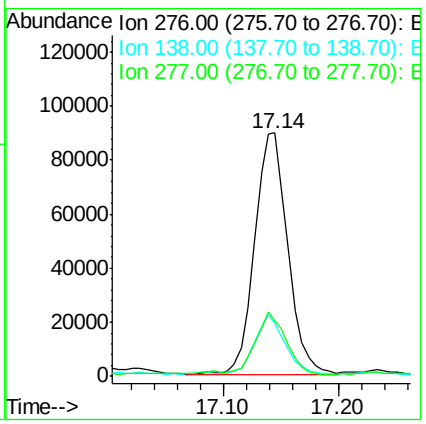


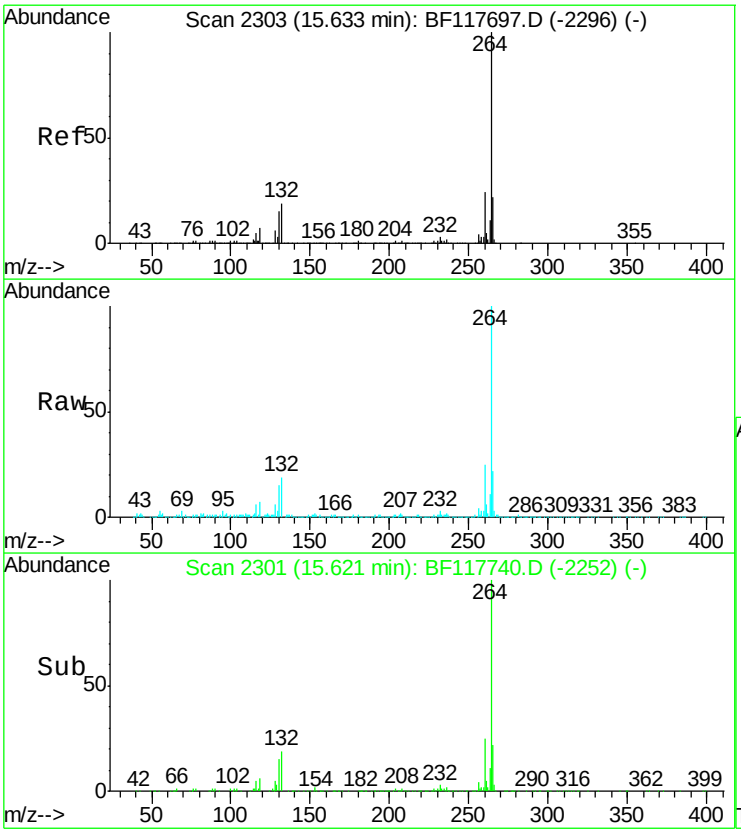
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.221 ng
RT: 17.14 min Scan# 2560
Delta R.T. -0.03 min
Lab File: BF117740.D
Acq: 8 Nov 2019 19:23

Instrument :
BNA_F
ClientSampleId :
2-C

Tgt Ion:276 Resp: 177966

Ion	Ratio	Lower	Upper
276	100		
138	23.1	22.4	33.6
277	24.3	20.6	30.8

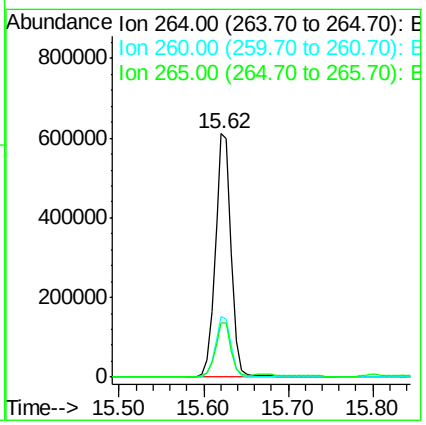


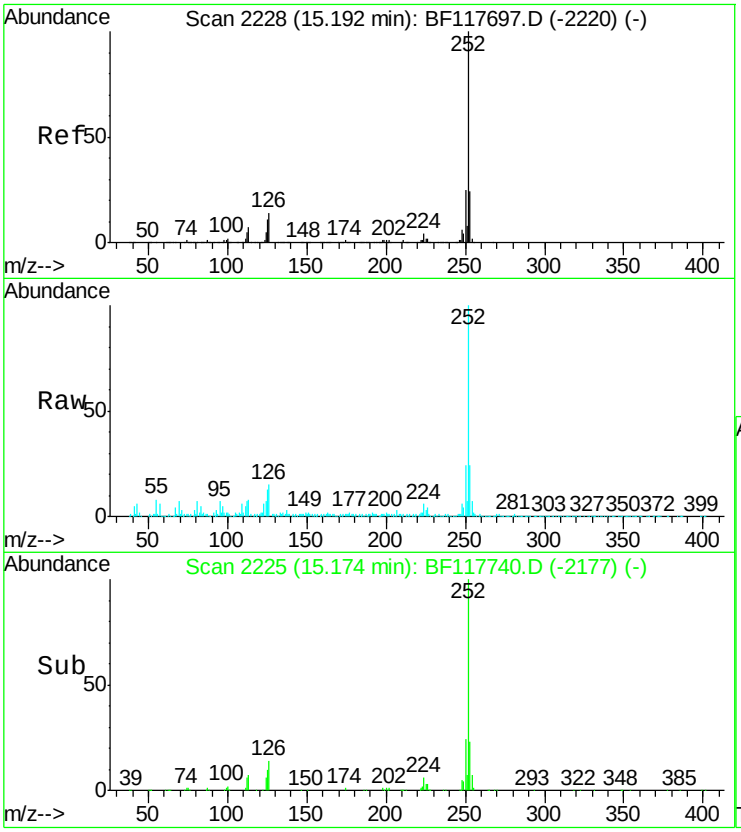


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF117740.D
Acq: 8 Nov 2019 19:23

Tgt Ion:264 Resp: 800853

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.8	28.2
265	22.1	17.7	26.5



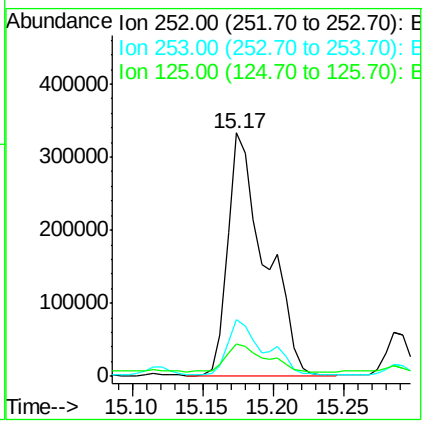


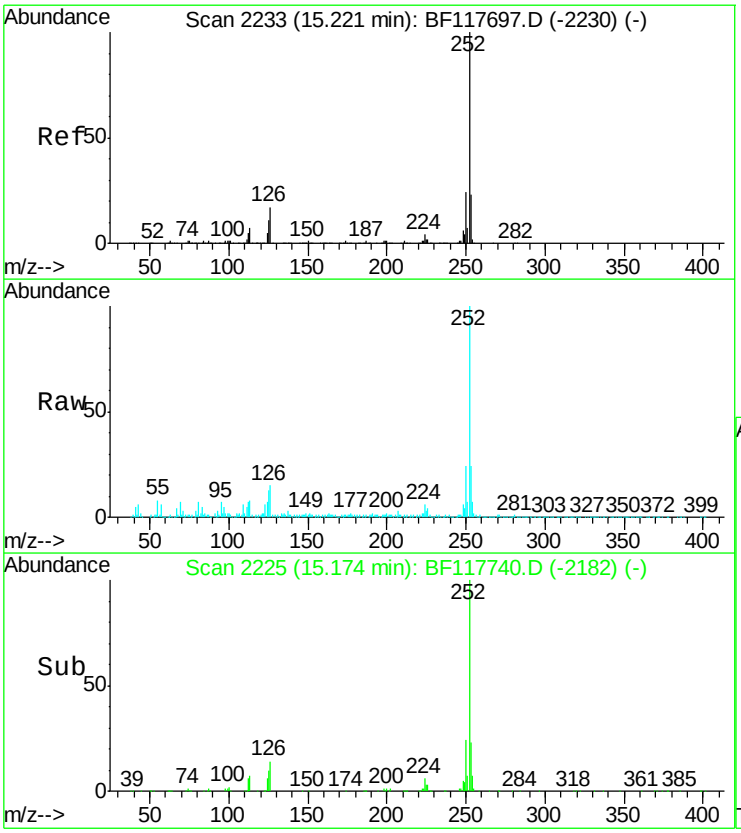
#88
Benzo(b)fluoranthene
Concen: 12.131 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.02 min
Lab File: BF117740.D
Acq: 8 Nov 2019 19:23

Instrument :
BNA_F
ClientSampleId :
2-C

Tgt Ion:252 Resp: 611869

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.9	28.3
125	13.3	8.5	12.7#

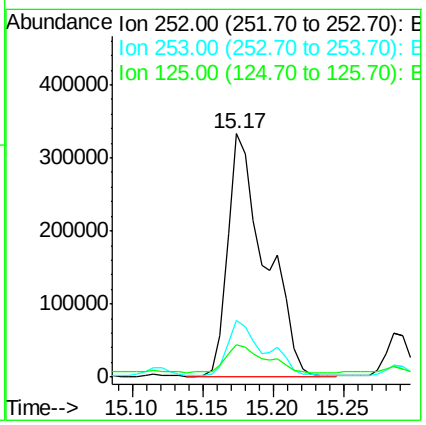


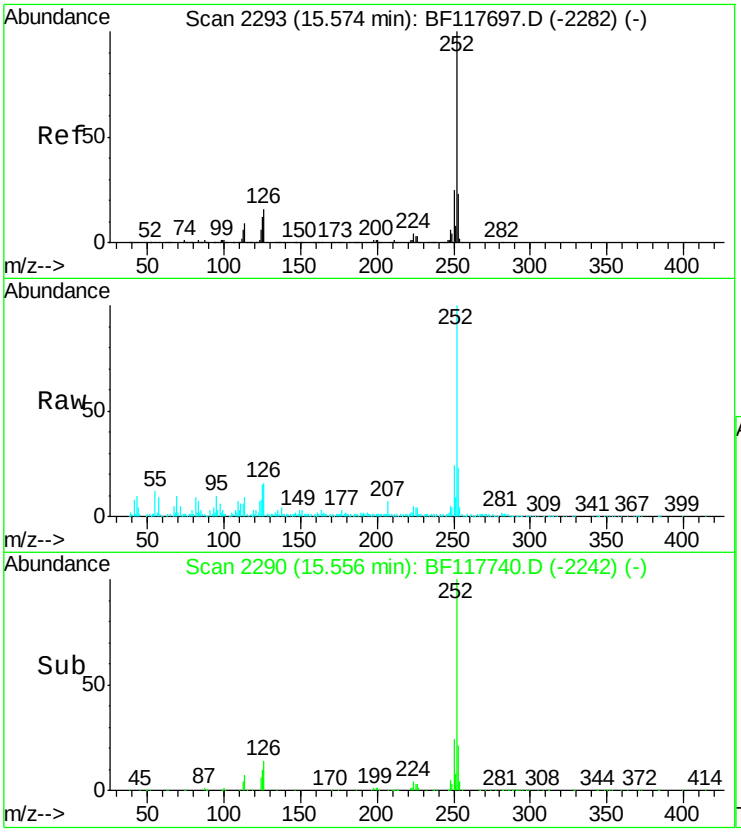


#89
Benzo(k)fluoranthene
Concen: 13.601 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.05 min
Lab File: BF117740.D
Acq: 8 Nov 2019 19:23

Tgt Ion:252 Resp: 611869

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	13.3	9.1	13.7



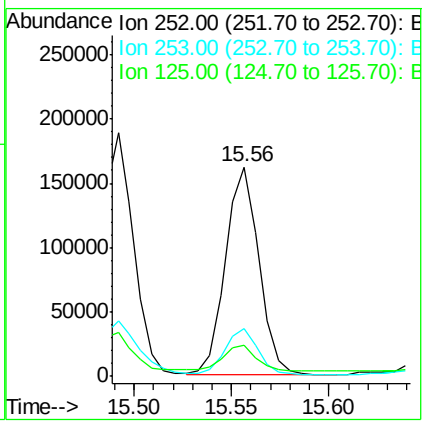


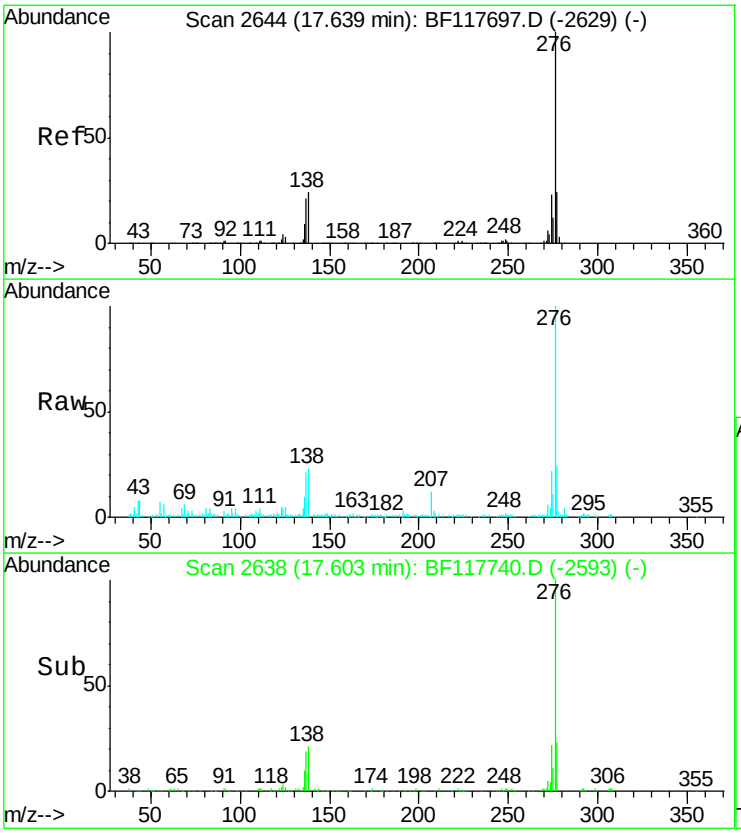
#90
Benzo(a)pyrene
Concen: 4.391 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.02 min
Lab File: BF117740.D
Acq: 8 Nov 2019 19:23

Instrument :
BNA_F
ClientSampleId :
2-C

Tgt Ion:252 Resp: 192001

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	14.8	9.5	14.3#





#92
Benzo(g,h,i)perylene
Concen: 4.156 ng
RT: 17.60 min Scan# 2638
Delta R.T. -0.04 min
Lab File: BF117740.D
Acq: 8 Nov 2019 19:23

Tgt Ion:276 Resp: 157939

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.0
138	22.8	19.2	28.8