Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
Data File : BF117984.D
Acq On : 25 Nov 2019 23:49
Operator : JU
Sample : K5973-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 26 03:54:09 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	6.89	152	136519	20.00	ng		-0.04
21) Naphthalene-d8	8.17	136	542218	20.00	ng		-0.04
39) Acenaphthene-d10	9.94	164	284006	20.00	ng		-0.04
64) Phenanthrene-d10	11.43	188	529478	20.00	ng		-0.04
76) Chrysene-d12	14.08	240	319514	20.00	ng		-0.04
87) Perylene-d12	15.57	264	284344	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	677118	87.80	ng		-0.03
7) Phenol-d6	6.52	99	861848	92.65	ng		-0.03
23) Nitrobenzene-d5	7.45	82	525222	57.58	ng		-0.04
42) 2,4,6-Tribromophenol	10.73	330	275457	91.61	ng		-0.04
45) 2-Fluorobiphenyl	9.26	172	1051548	66.43	ng		-0.04
79) Terphenyl-d14	13.02	244	1172052	67.04	ng		-0.04
Target Compounds							Qvalue
9) Benzaldehyde	6.43	77	640	Below Cal			86
19) n-Nitroso-di-n-propylamine	7.45	70	69764	12.156	ng	#	75
25) Isophorone	7.45	82	520060	31.108	ng	#	62
50) Dimethylphthalate	9.64	163	197453	9.914	ng		98
57) 2,4-Dinitrotoluene	9.94	165	36813	6.649	ng	#	25
67) 4-Bromophenyl-phenylether	10.73	248	17436	3.052	ng	#	1
71) Phenanthrene	11.45	178	300074	11.272	ng		97
72) Anthracene	11.50	178	74731	2.831	ng		96
75) Fluoranthene	12.64	202	411955	11.371	ng		99
78) Pyrene	12.87	202	363233	14.067	ng		99
81) Benzo(a)anthracene	14.07	228	164196	7.777	ng		98
83) Chrysene	14.10	228	141143	6.899	ng		97
84) Bis(2-ethylhexyl)phthalate	14.06	149	34326	2.553	ng		96
86) Indeno(1,2,3-cd)pyrene	17.08	276	80103	4.600	ng		95
88) Benzo(b)fluoranthene	15.13	252	215120	11.645	ng		100
89) Benzo(k)fluoranthene	15.13	252	215120	12.358	ng		98
90) Benzo(a)pyrene	15.51	252	111952	6.892	ng		99
92) Benzo(g,h,i)perylene	17.54	276	74910	5.379	ng		96

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

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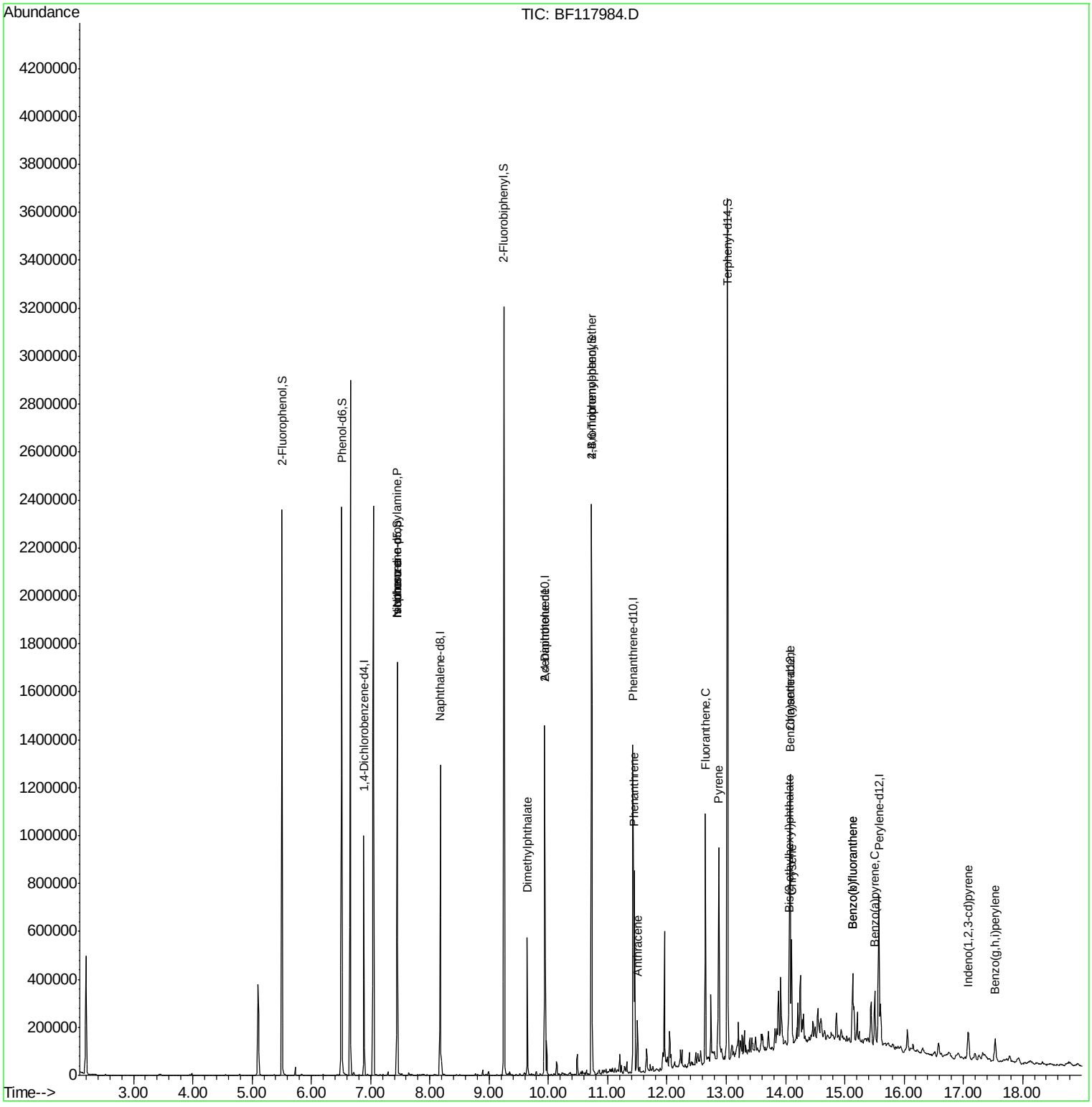
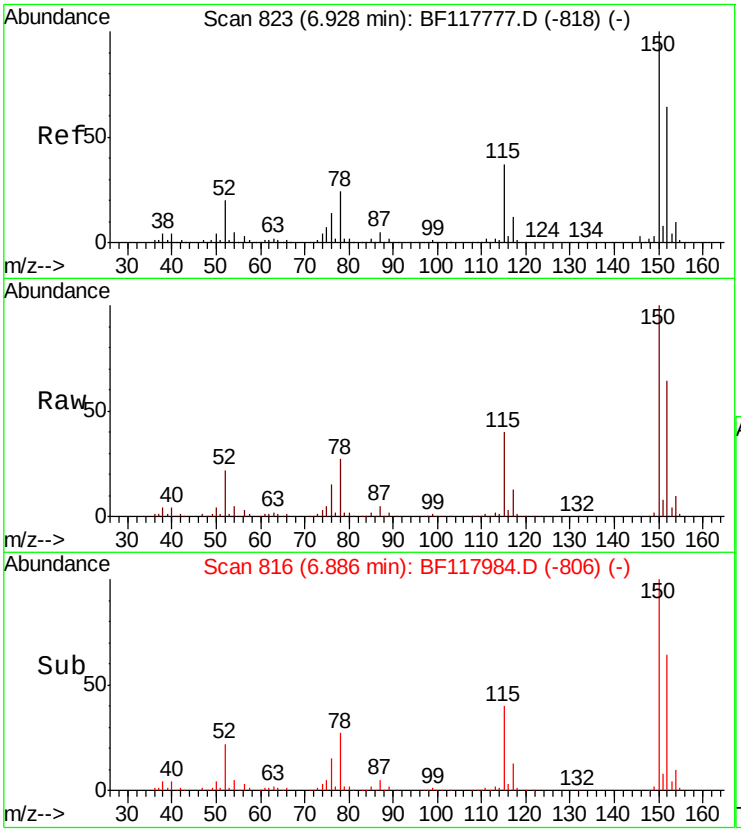


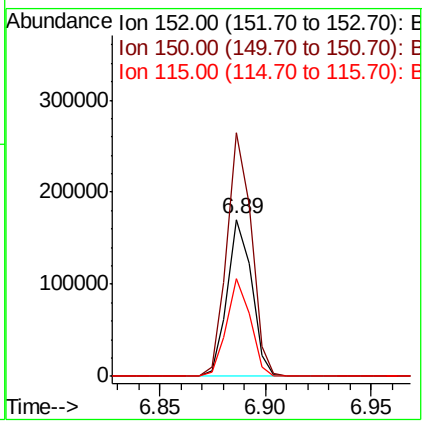


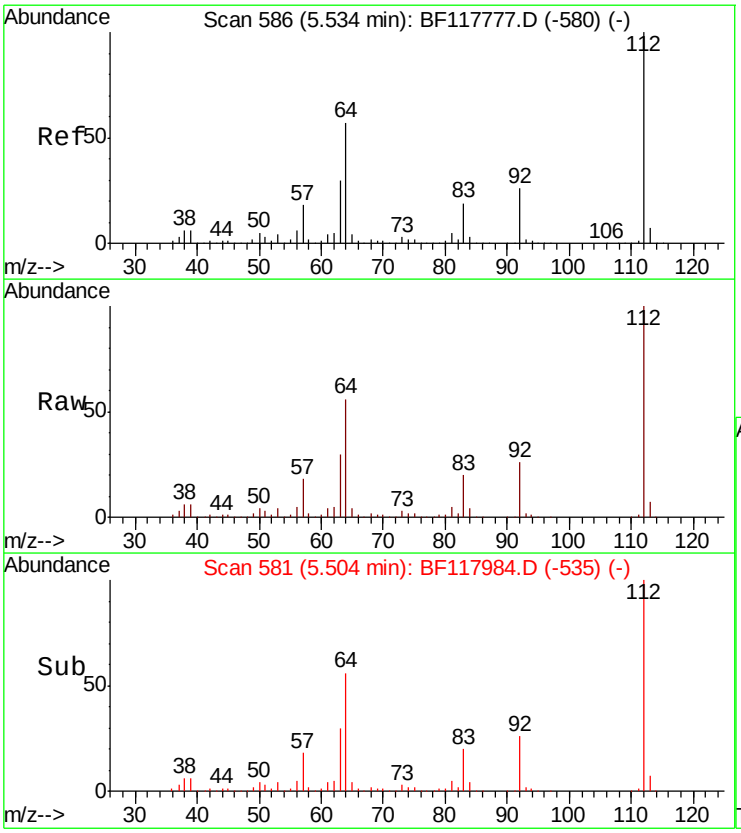
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.04 min
Lab File: BF117984.D
Acq: 25 Nov 2019 23:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 136519

Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.3	187.9
115	62.6	47.0	70.4

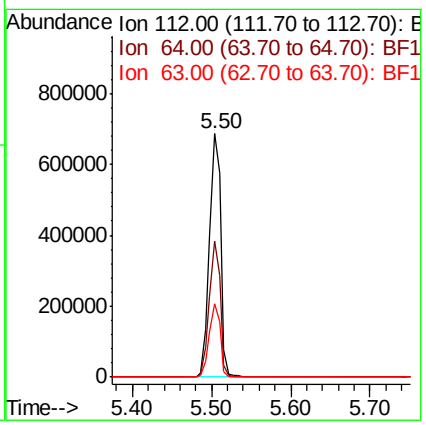


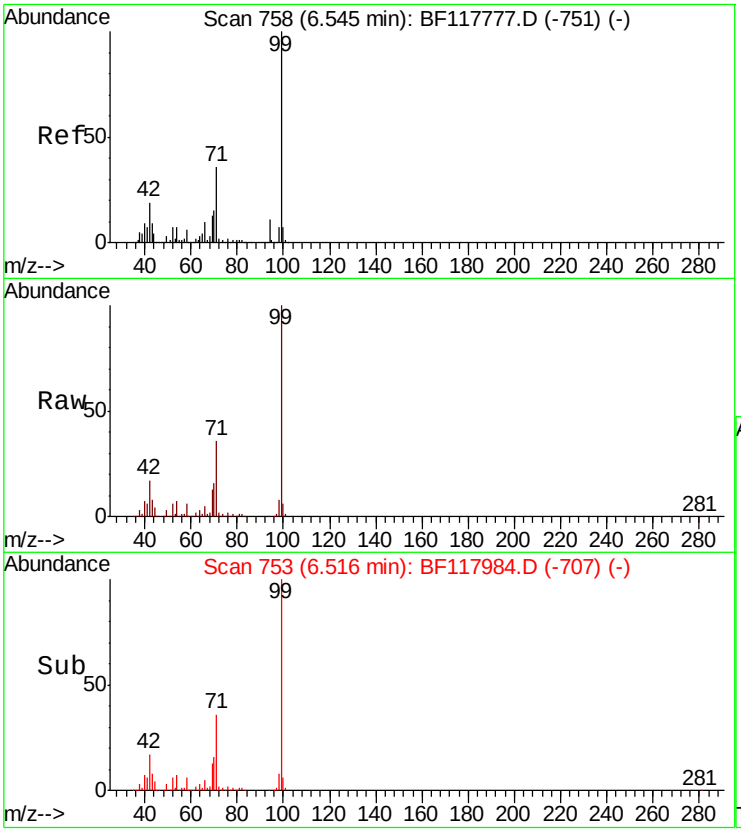


#5
2-Fluorophenol
Concen: 87.795 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.03 min
Lab File: BF117984.D
Acq: 25 Nov 2019 23:49

Tgt Ion:112 Resp: 677118

Ion	Ratio	Lower	Upper
112	100		
64	55.7	45.6	68.4
63	30.4	24.1	36.1



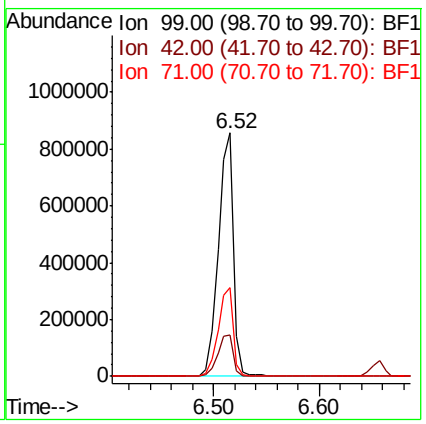


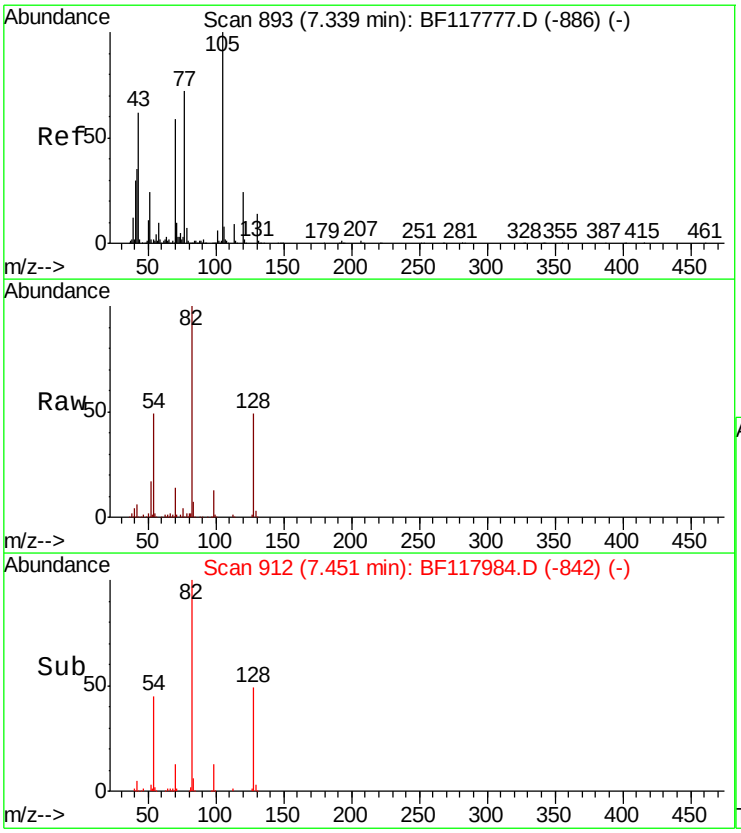
#7
Phenol-d6
Concen: 92.647 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.03 min
Lab File: BF117984.D
Acq: 25 Nov 2019 23:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 861848

Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.9	22.3
71	36.2	28.6	43.0

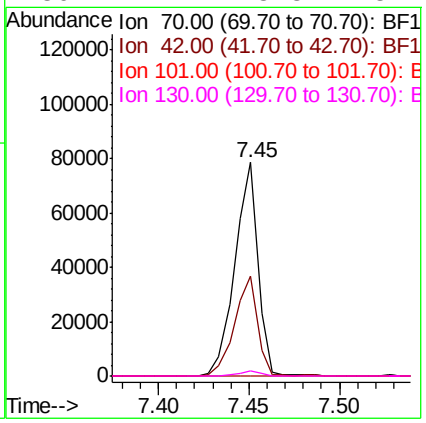


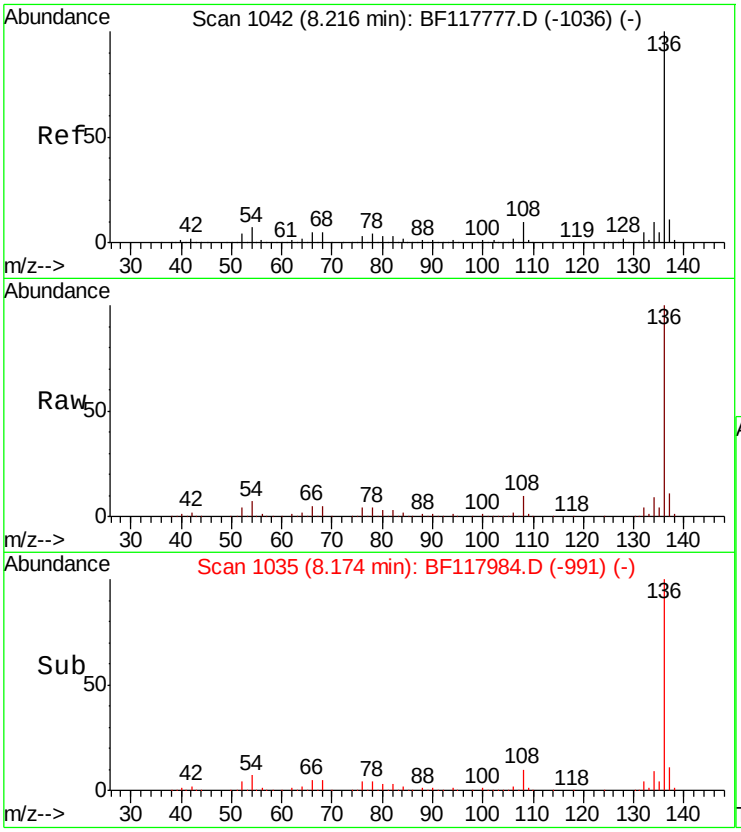


#19
n-Nitroso-di-n-propylamine
Concen: 12.156 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.11 min
Lab File: BF117984.D
Acq: 25 Nov 2019 23:49

Tgt Ion: 70 Resp: 69764

Ion	Ratio	Lower	Upper
70	100		
42	46.9	47.4	71.2#
101	0.0	8.4	12.6#
130	2.2	18.8	28.2#



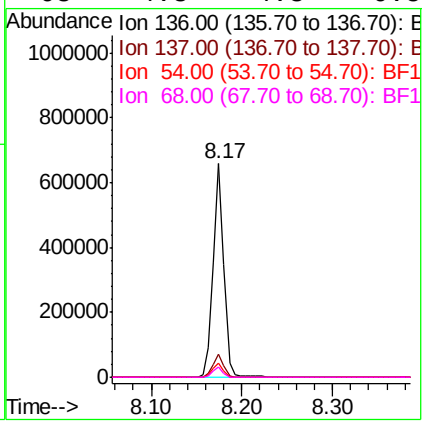


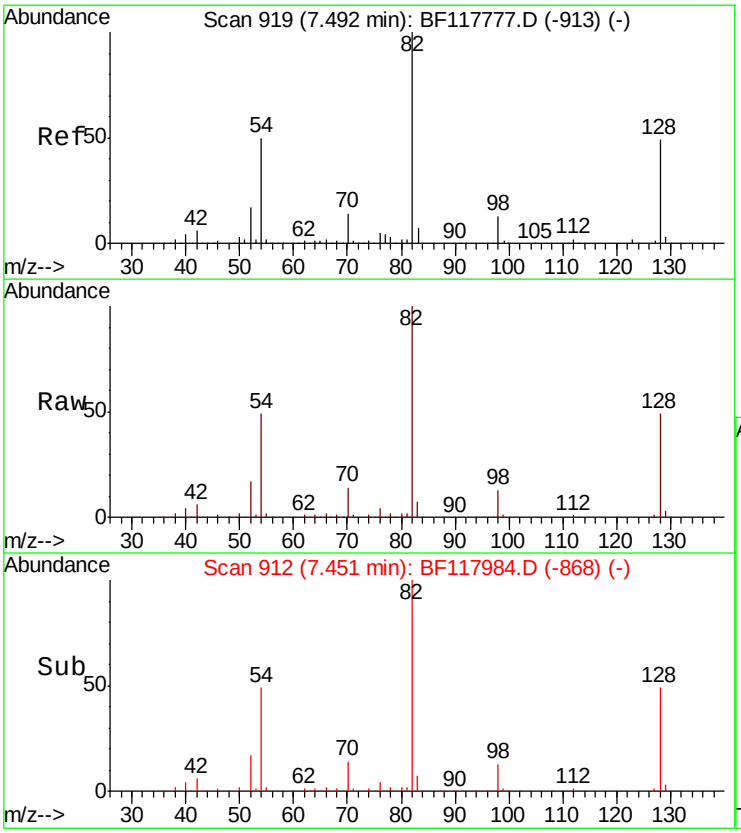
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.04 min
Lab File: BF117984.D
Acq: 25 Nov 2019 23:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 542218

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.6	5.4	8.2
68	4.8	4.3	6.5

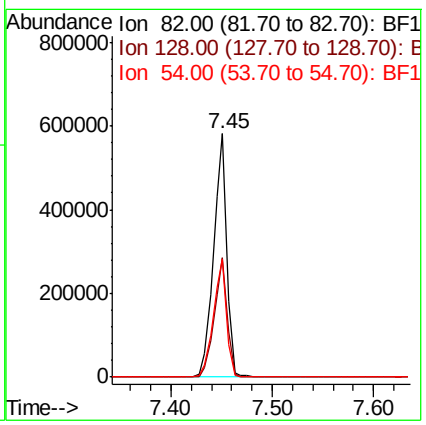


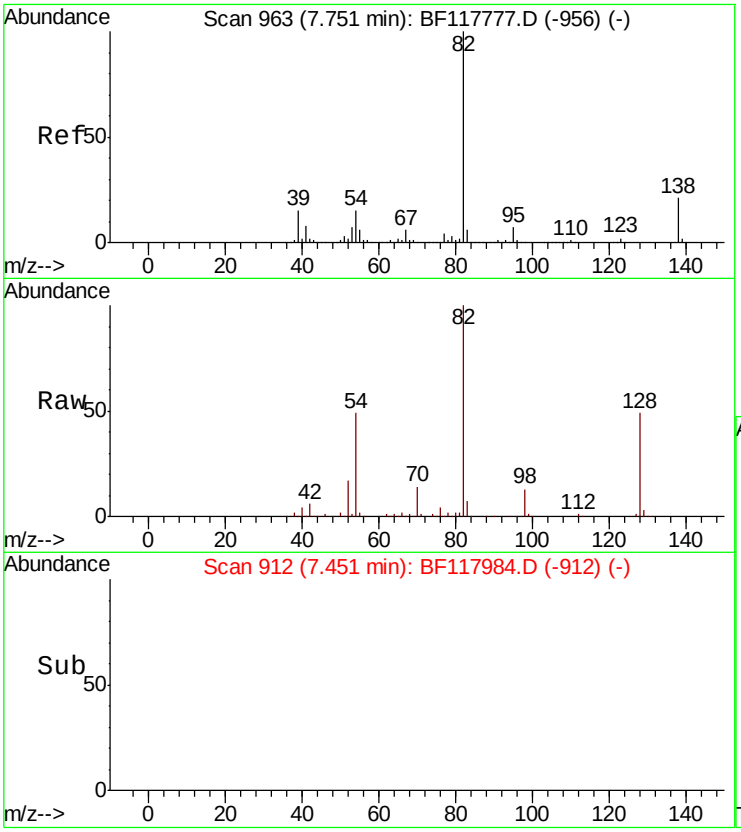


#23
Nitrobenzene-d5
Concen: 57.583 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.04 min
Lab File: BF117984.D
Acq: 25 Nov 2019 23:49

Tgt Ion: 82 Resp: 525222

Ion	Ratio	Lower	Upper
82	100		
128	48.9	38.9	58.3
54	48.6	39.8	59.6



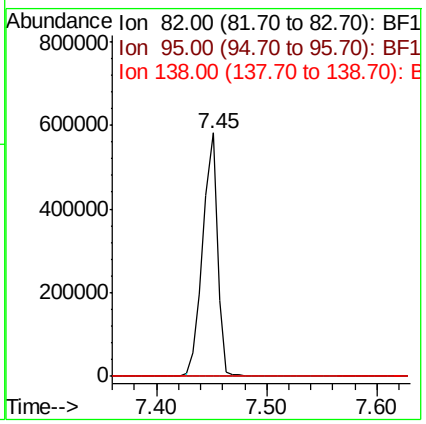


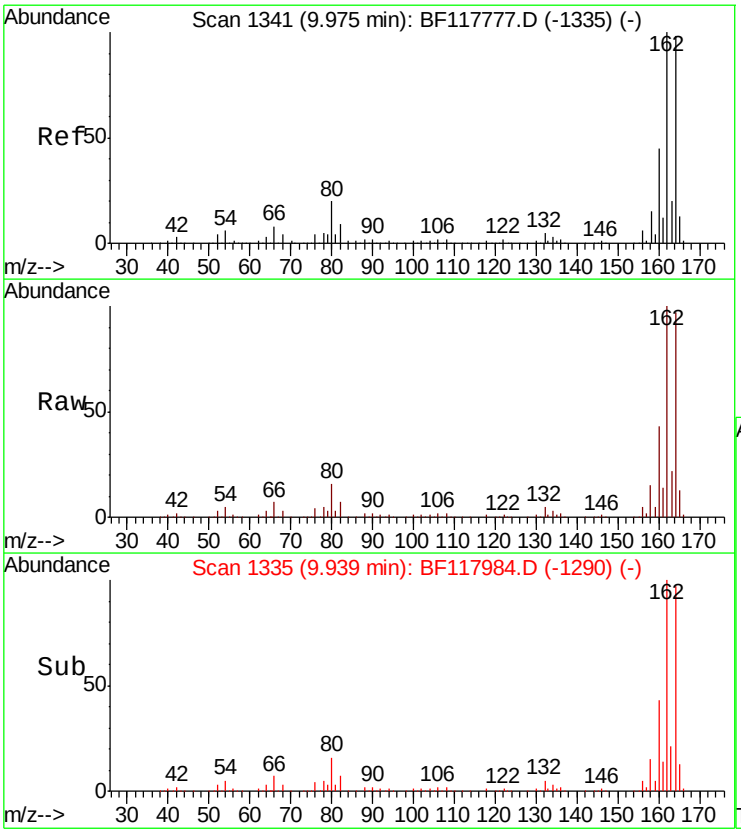
#25
Isophorone
Concen: 31.108 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.30 min
Lab File: BF117984.D
Acq: 25 Nov 2019 23:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 520060

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

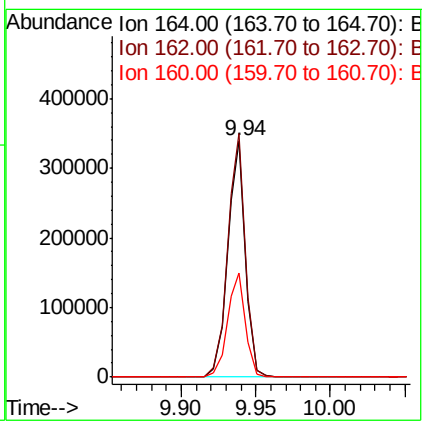


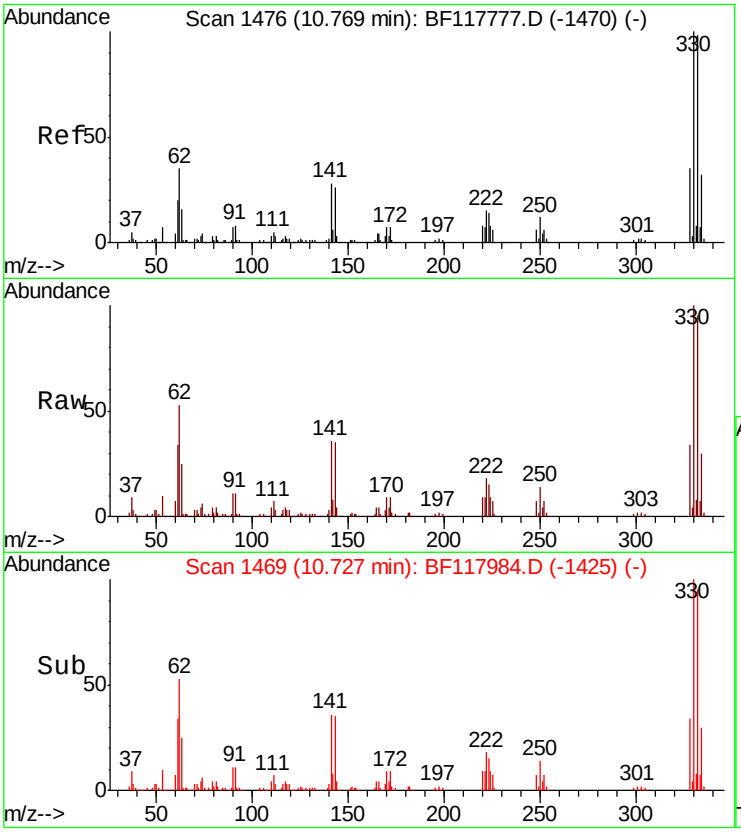


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.04 min
Lab File: BF117984.D
Acq: 25 Nov 2019 23:49

Tgt Ion:164 Resp: 284006

Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.3	121.9
160	44.3	36.6	55.0



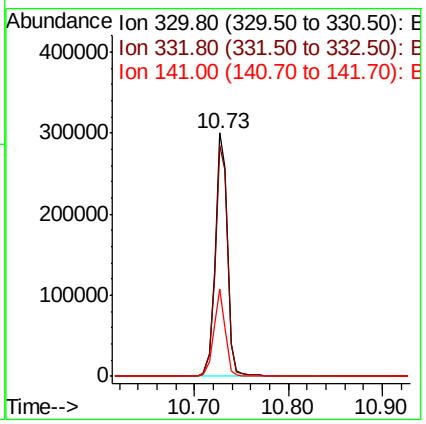


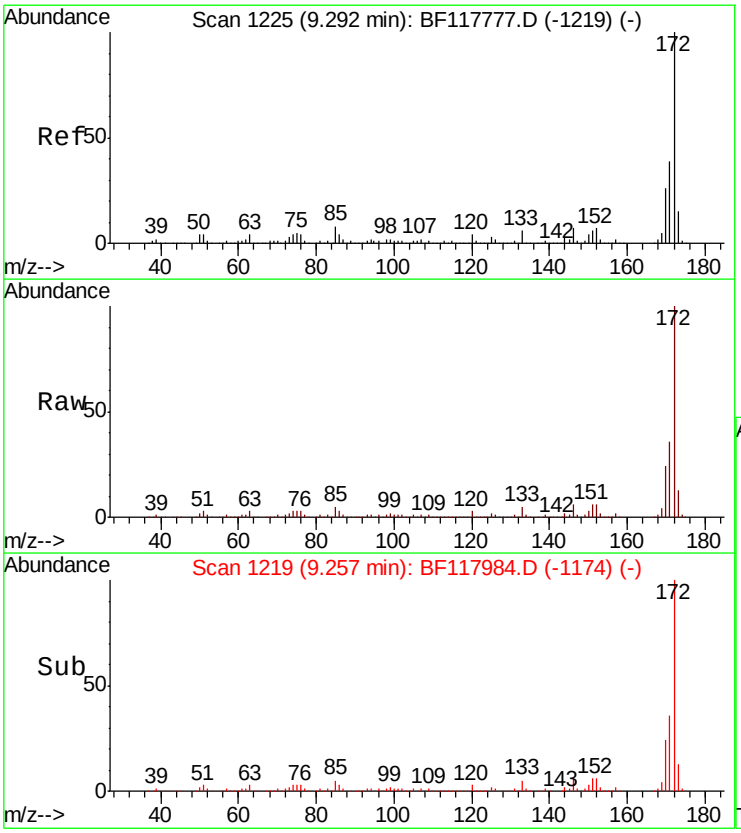
#42
2,4,6-Tribromophenol
Concen: 91.613 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.04 min
Lab File: BF117984.D
Acq: 25 Nov 2019 23:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 275457

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.7	115.1
141	34.1	27.7	41.5

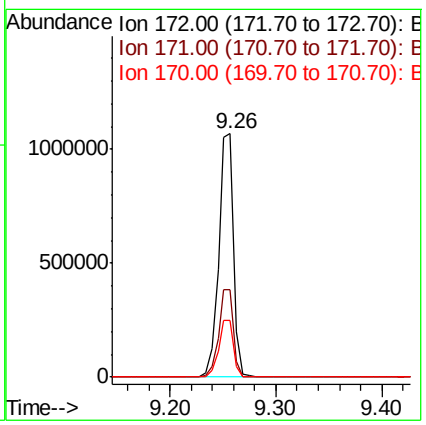


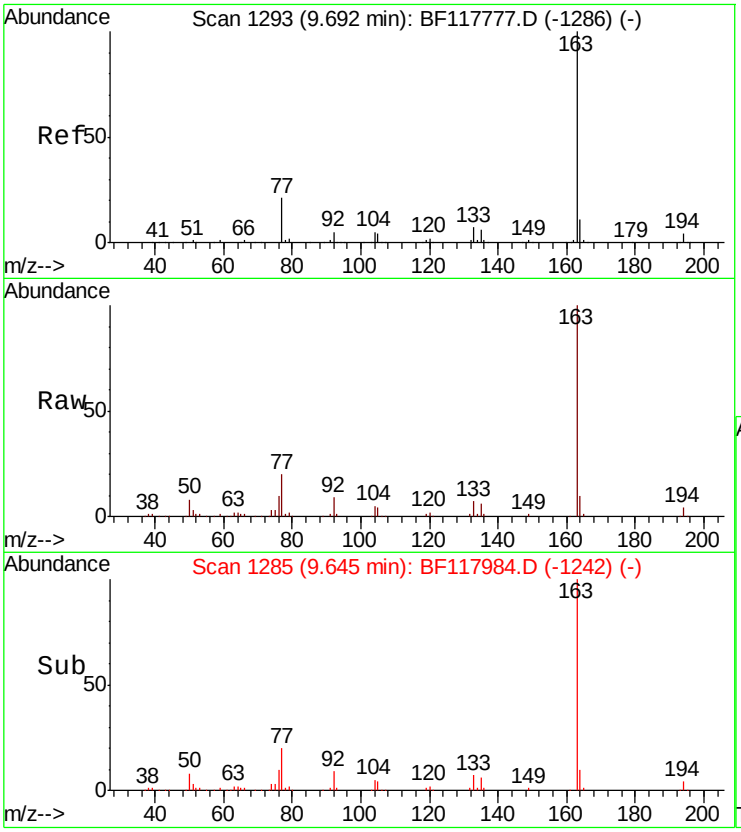


#45
2-Fluorobiphenyl
Concen: 66.425 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.04 min
Lab File: BF117984.D
Acq: 25 Nov 2019 23:49

Tgt Ion:172 Resp: 1051548

Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.9	46.3
170	23.5	21.0	31.4



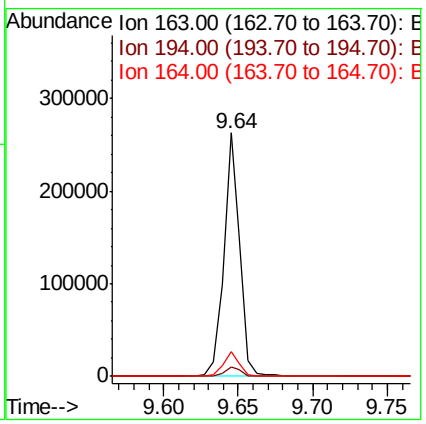


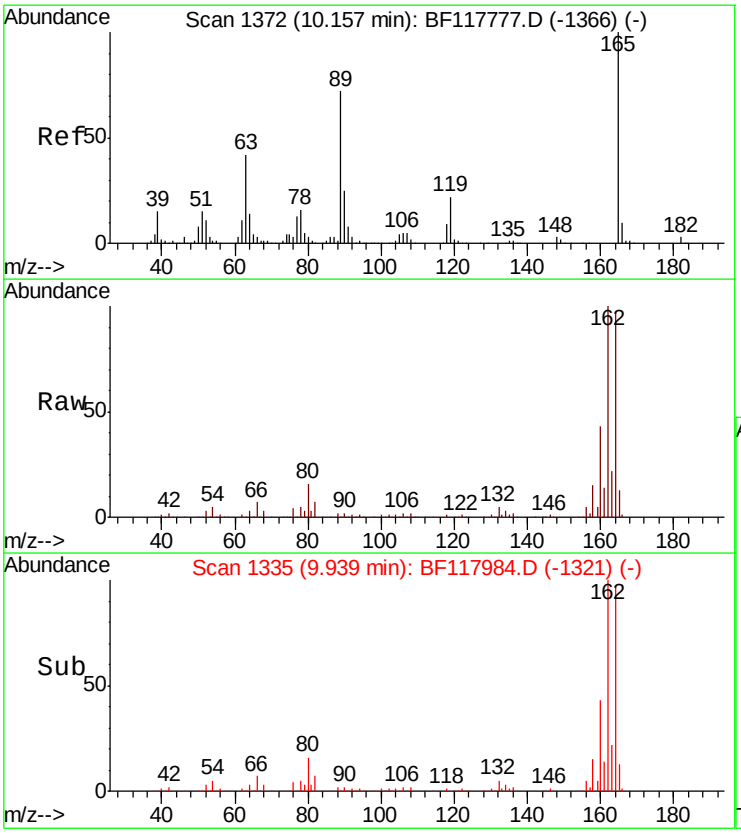
#50
Dimethylphthalate
Concen: 9.914 ng
RT: 9.64 min Scan# 1285
Delta R.T. -0.05 min
Lab File: BF117984.D
Acq: 25 Nov 2019 23:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 197453

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.3	4.9
164	10.2	8.7	13.1

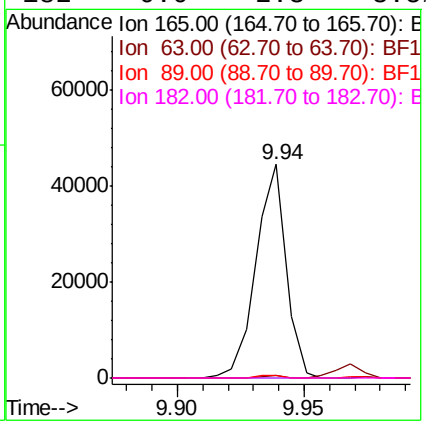


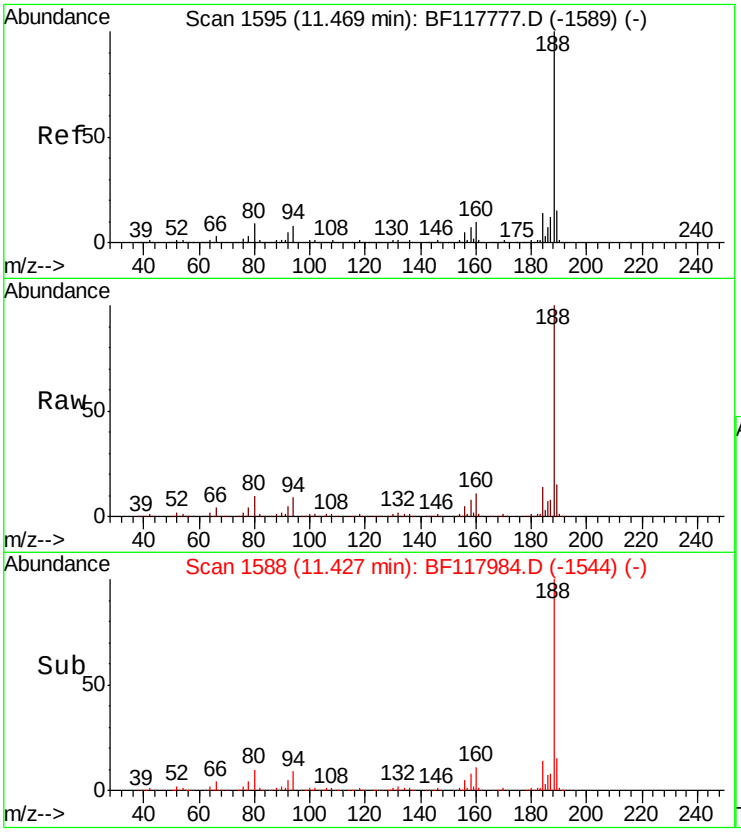


#57
2,4-Dinitrotoluene
Concen: 6.649 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.22 min
Lab File: BF117984.D
Acq: 25 Nov 2019 23:49

Tgt Ion:165 Resp: 36813

Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.7	50.5#
89	1.4	57.3	85.9#
182	0.0	2.3	3.5#



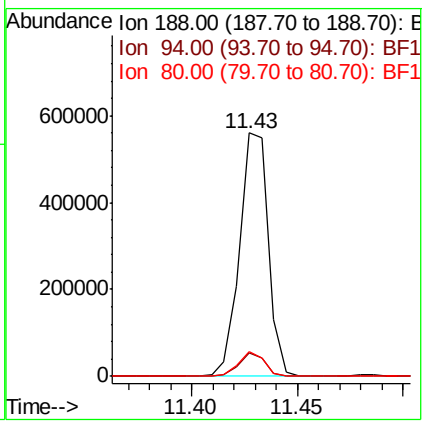


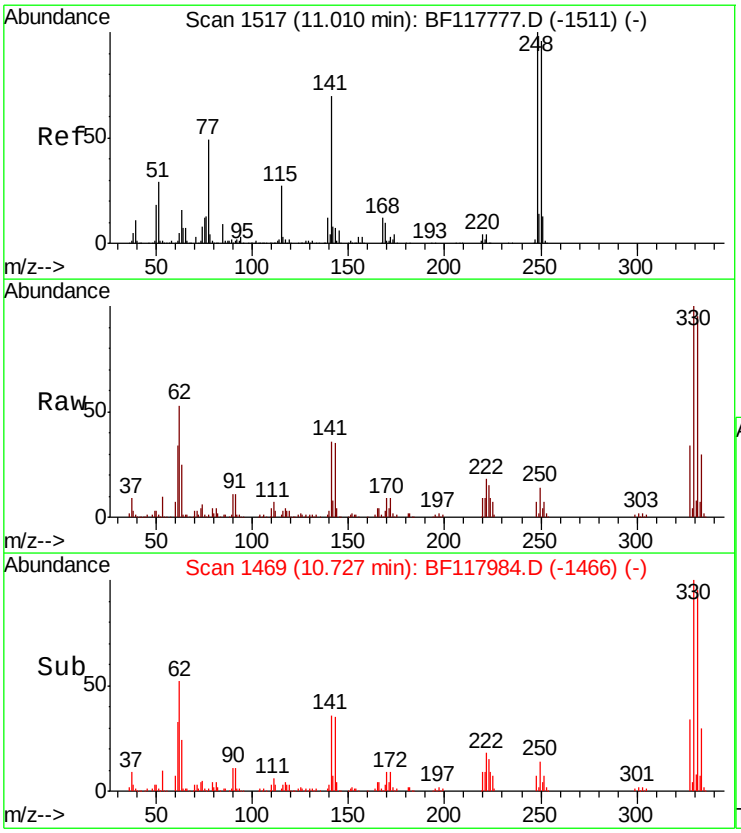
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.04 min
Lab File: BF117984.D
Acq: 25 Nov 2019 23:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 529478

Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.6	10.0
80	9.9	7.2	10.8

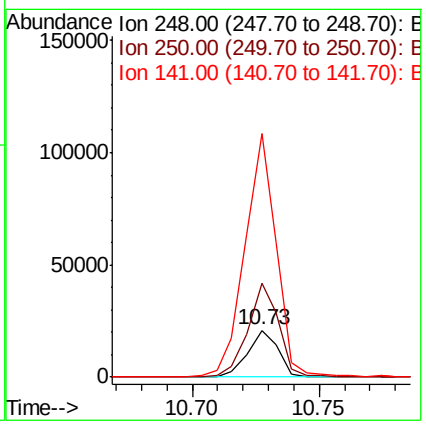


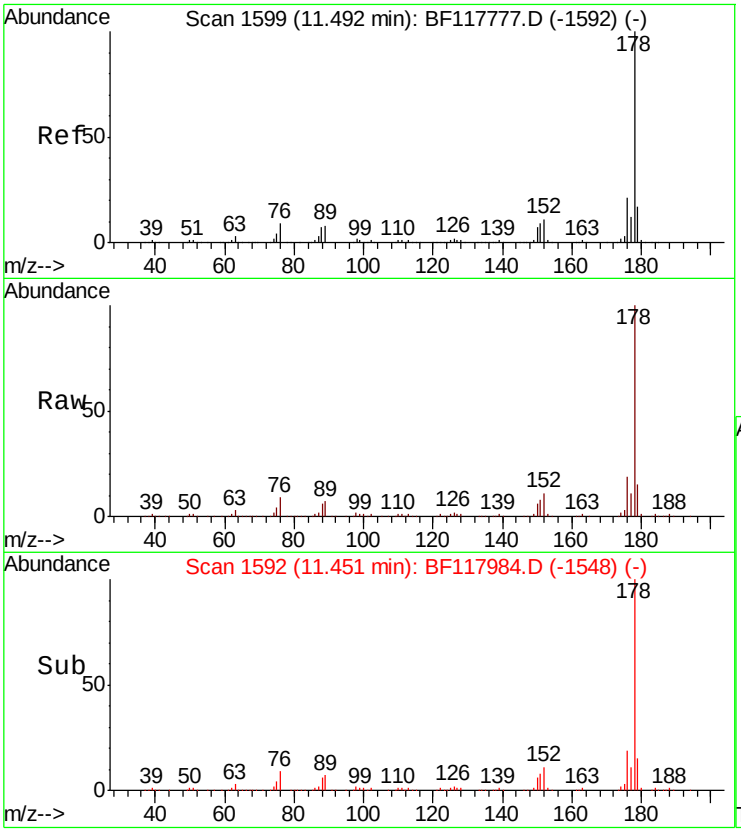


#67
4-Bromophenyl-phenylether
Concen: 3.052 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.28 min
Lab File: BF117984.D
Acq: 25 Nov 2019 23:49

Tgt Ion:248 Resp: 17436

Ion	Ratio	Lower	Upper
248	100		
250	200.3	76.6	115.0#
141	522.9	55.9	83.9#



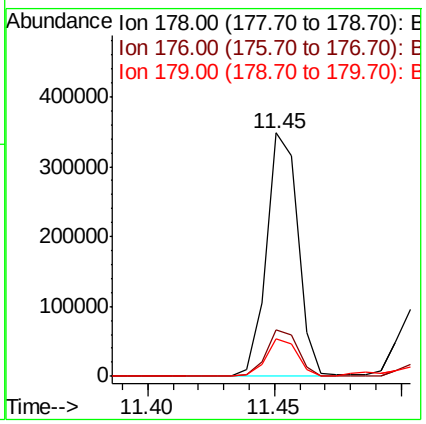


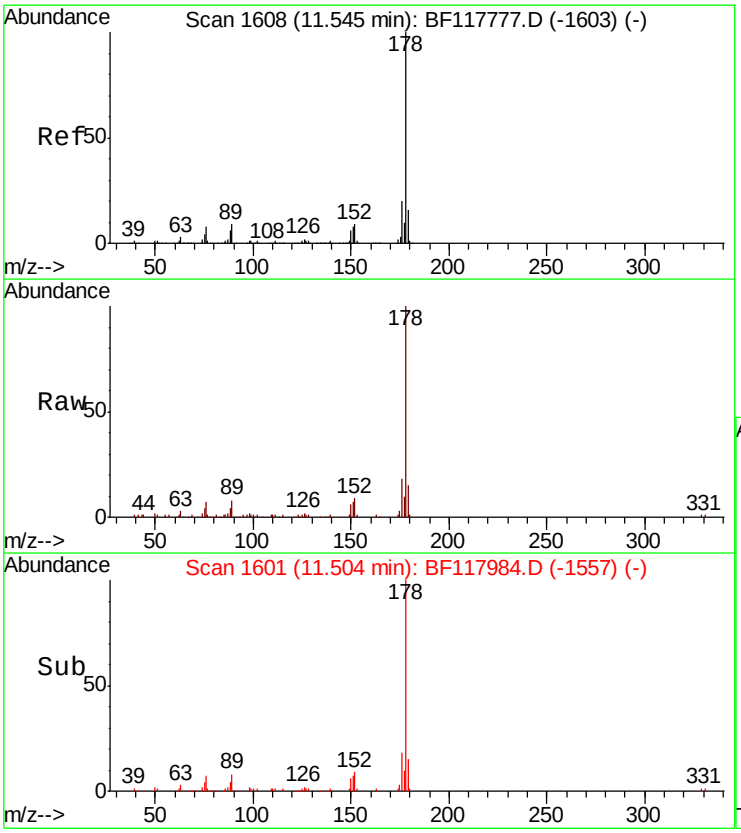
#71
Phenanthrene
Concen: 11.272 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.04 min
Lab File: BF117984.D
Acq: 25 Nov 2019 23:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 300074

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.6	25.0
179	15.4	13.2	19.8

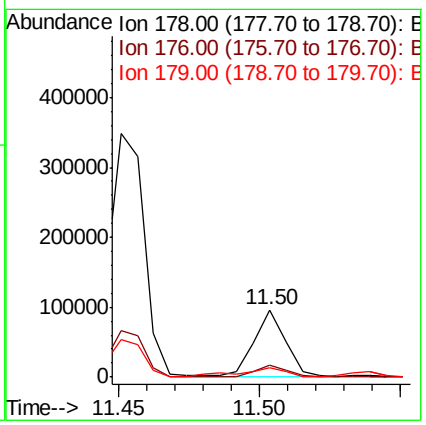


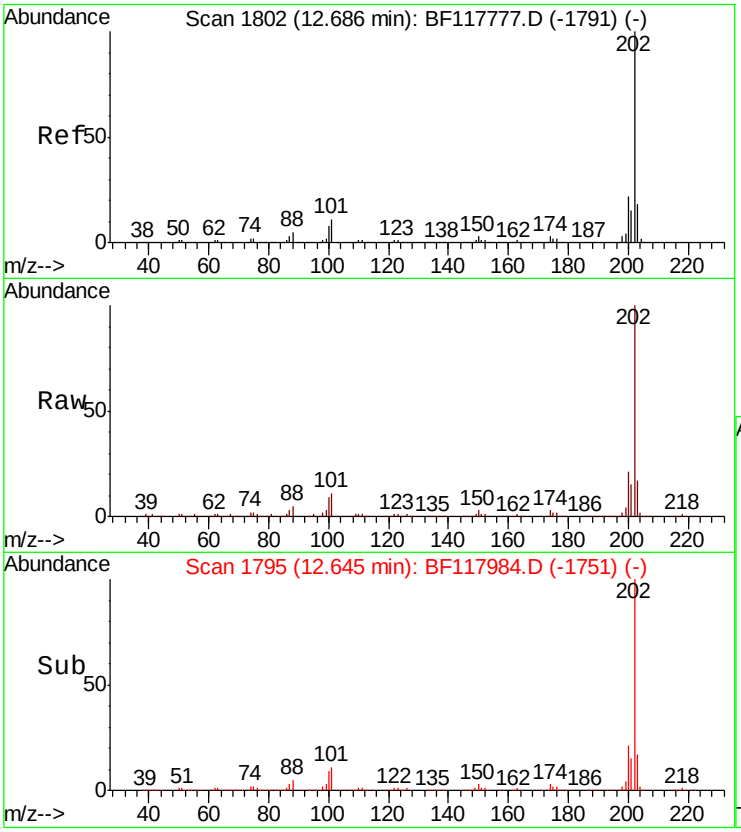


#72
Anthracene
Concen: 2.831 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.04 min
Lab File: BF117984.D
Acq: 25 Nov 2019 23:49

Tgt Ion:178 Resp: 74731

Ion	Ratio	Lower	Upper
178	100		
176	18.0	16.1	24.1
179	14.8	13.0	19.4



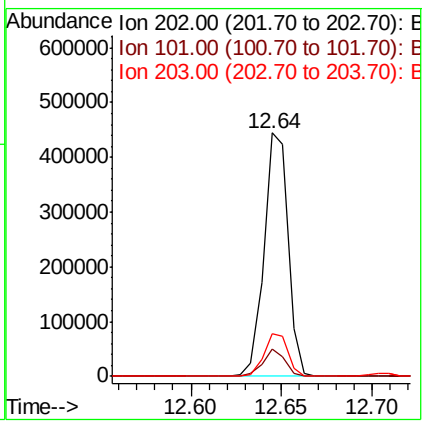


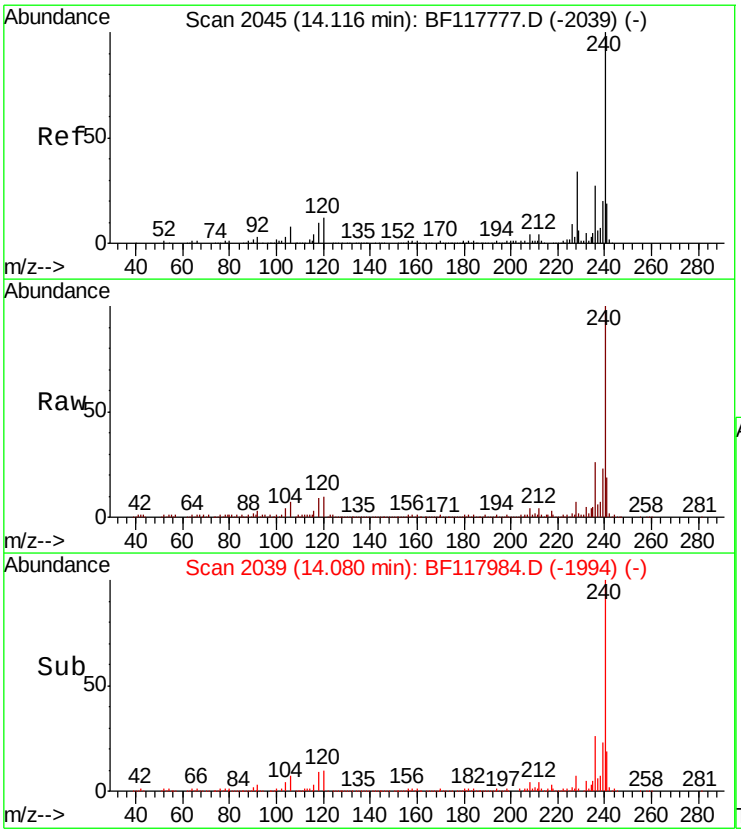
#75
Fluoranthene
Concen: 11.371 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.04 min
Lab File: BF117984.D
Acq: 25 Nov 2019 23:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 411955

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.1
203	17.4	0.0	38.2

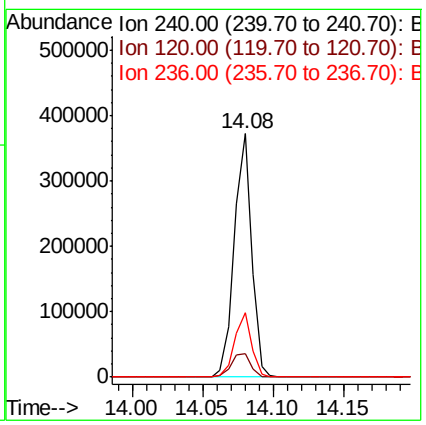


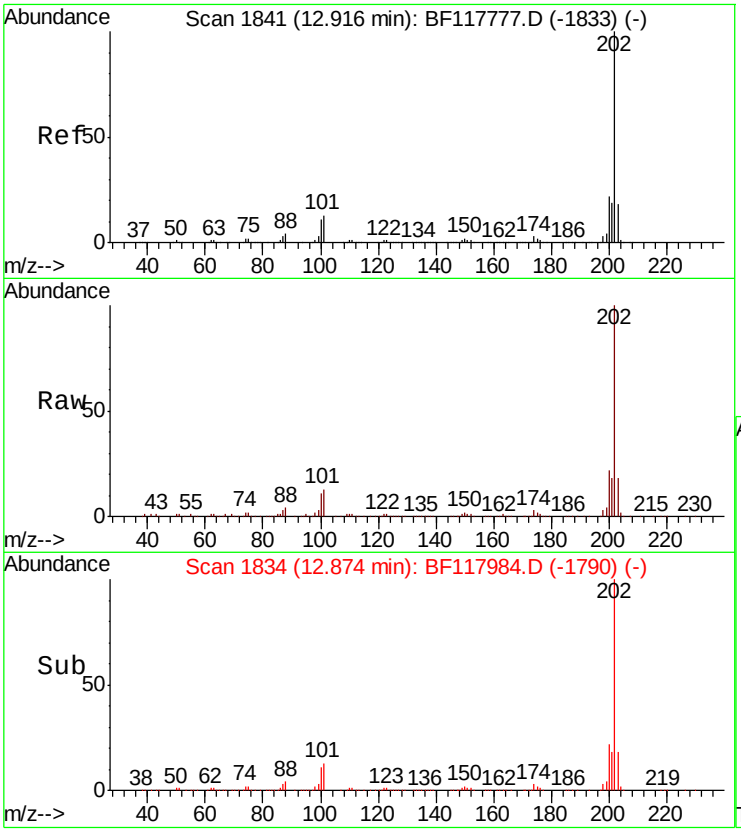


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.04 min
Lab File: BF117984.D
Acq: 25 Nov 2019 23:49

Tgt Ion:240 Resp: 319514

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	26.4	21.3	31.9



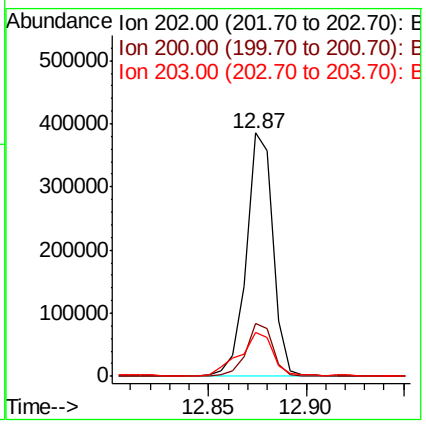


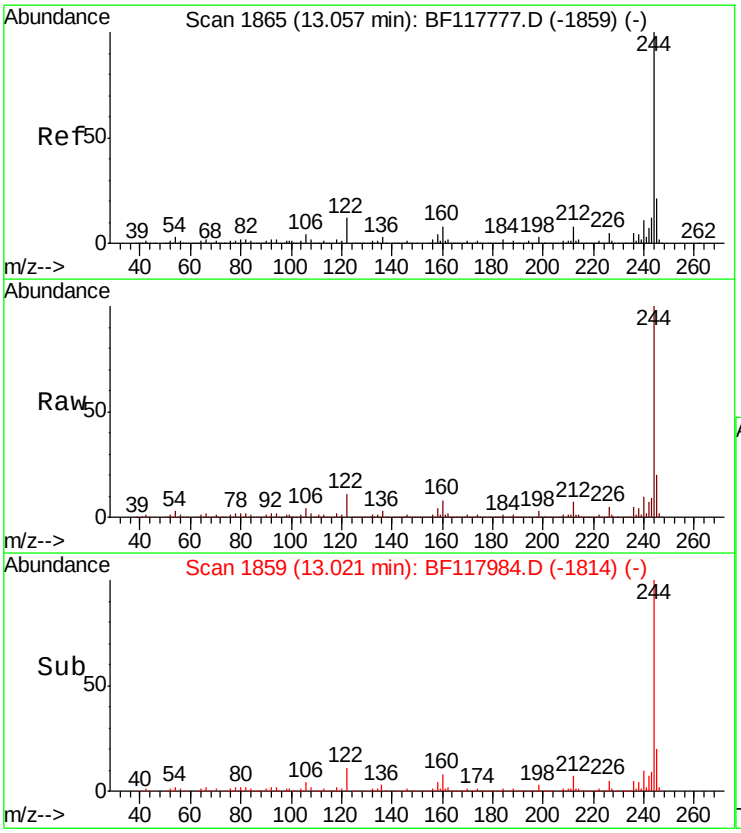
#78
Pyrene
Concen: 14.067 ng
RT: 12.87 min Scan# 1834
Delta R.T. -0.04 min
Lab File: BF117984.D
Acq: 25 Nov 2019 23:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 363233

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.8	26.8
203	18.2	14.6	22.0

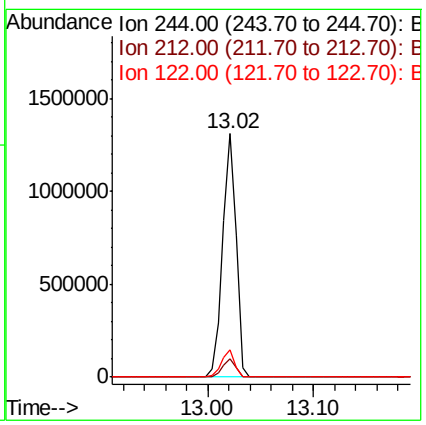


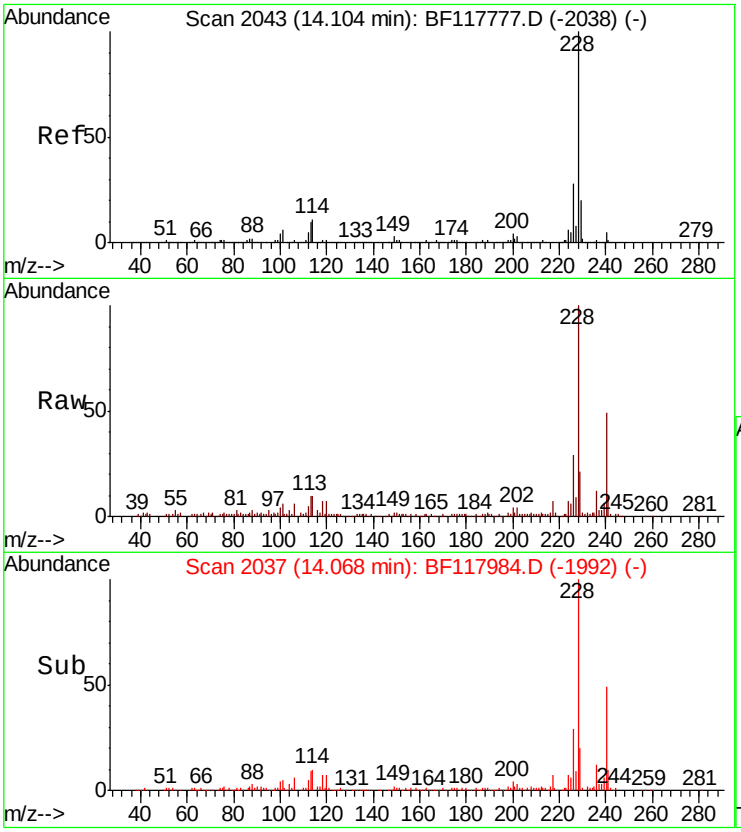


#79
Terphenyl-d14
Concen: 67.041 ng
RT: 13.02 min Scan# 1859
Delta R.T. -0.04 min
Lab File: BF117984.D
Acq: 25 Nov 2019 23:49

Tgt Ion:244 Resp: 1172052

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.3	9.5
122	11.0	9.4	14.2



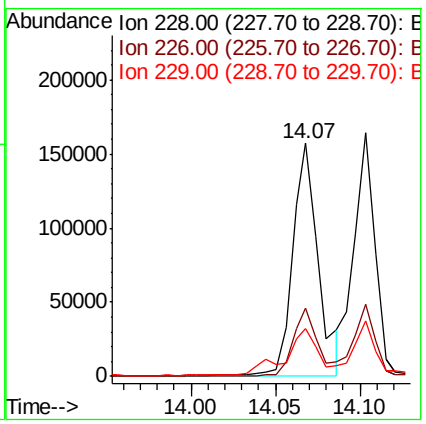


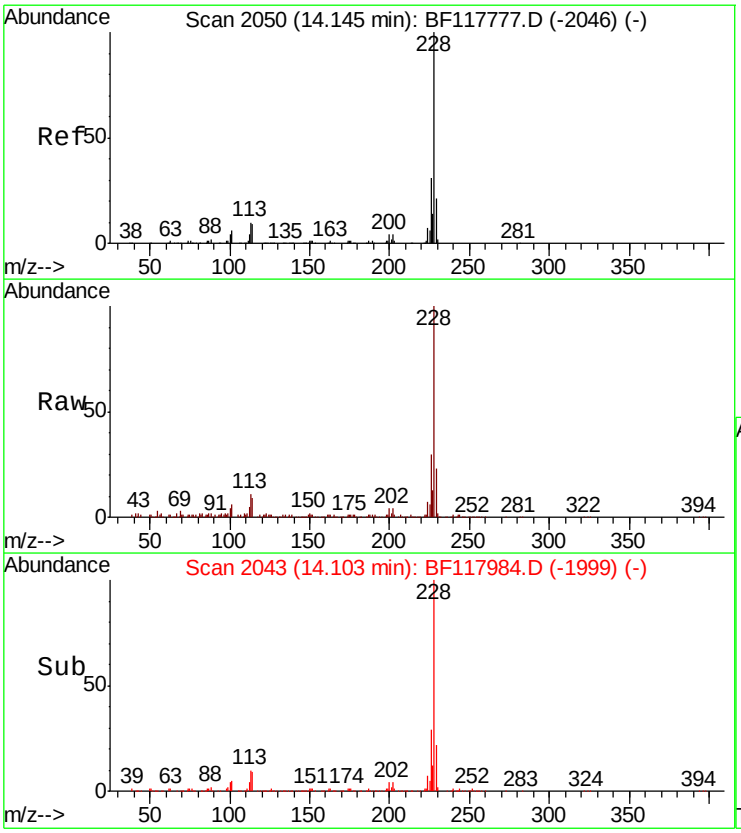
#81
Benzo(a)anthracene
Concen: 7.777 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.04 min
Lab File: BF117984.D
Acq: 25 Nov 2019 23:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 164196

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.2	33.2
229	20.6	15.9	23.9

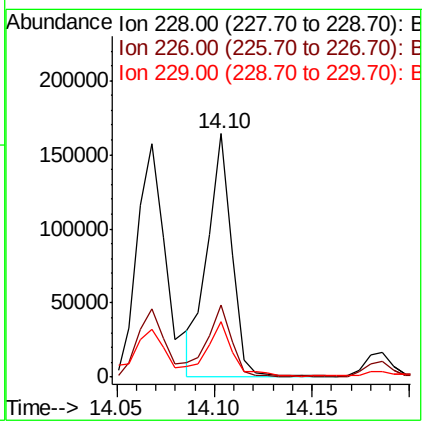


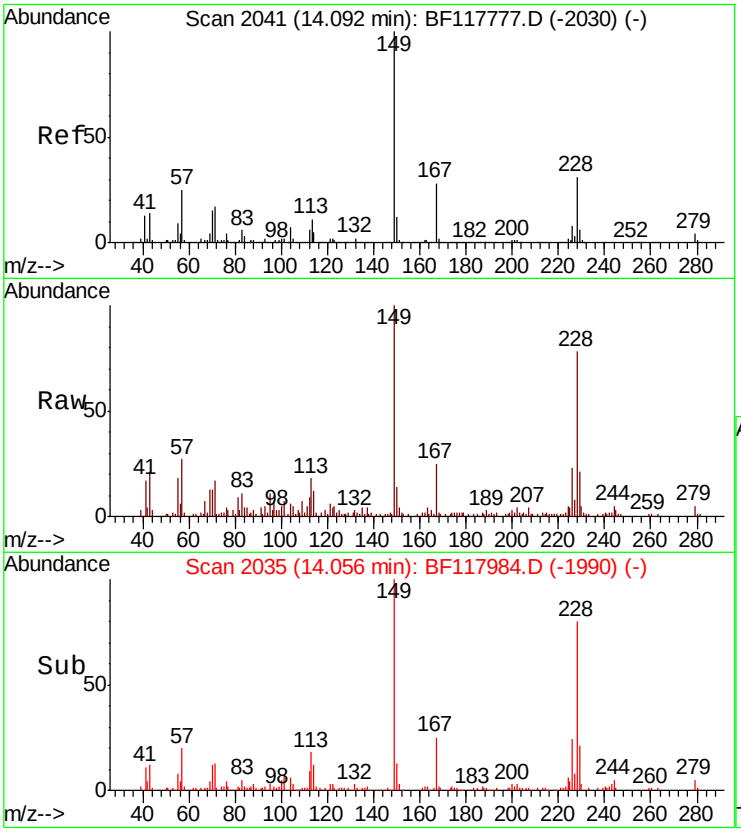


#83
Chrysene
Concen: 6.899 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.04 min
Lab File: BF117984.D
Acq: 25 Nov 2019 23:49

Tgt Ion:228 Resp: 141143

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.4
229	22.7	16.6	25.0



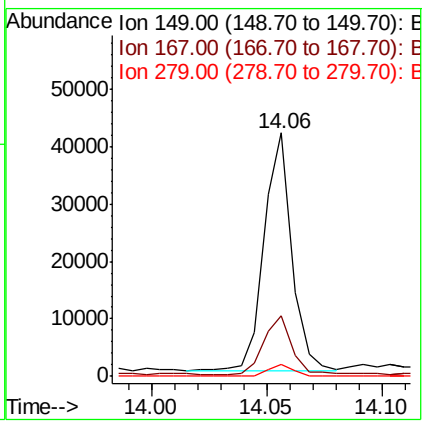


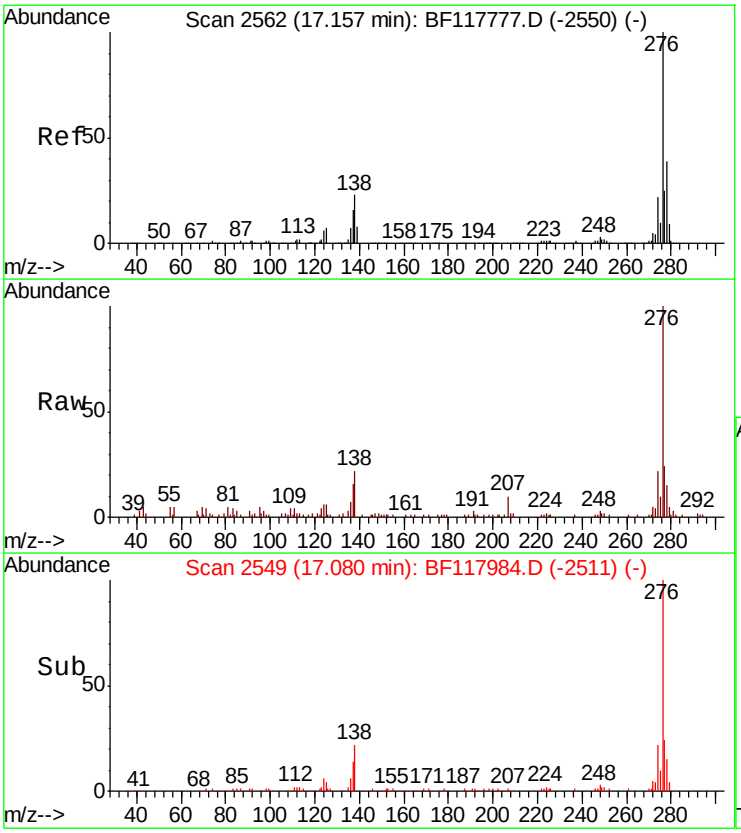
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.553 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.04 min
Lab File: BF117984.D
Acq: 25 Nov 2019 23:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 34326

Ion	Ratio	Lower	Upper
149	100		
167	25.1	22.2	33.2
279	4.9	3.4	5.2

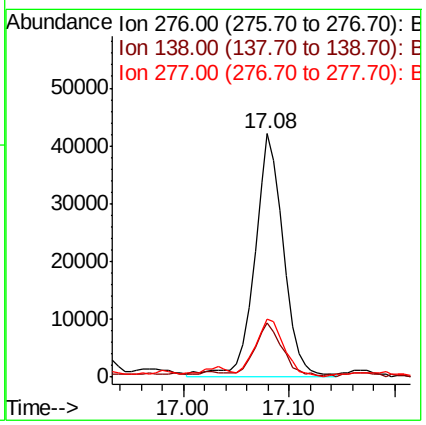


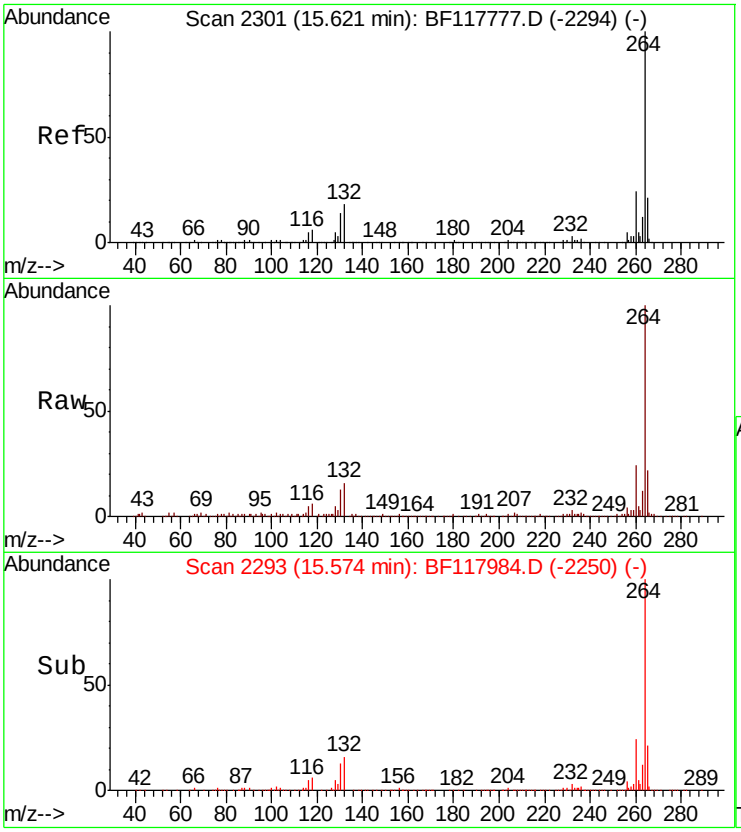


#86
Indeno(1,2,3-cd)pyrene
Concen: 4.600 ng
RT: 17.08 min Scan# 2549
Delta R.T. -0.08 min
Lab File: BF117984.D
Acq: 25 Nov 2019 23:49

Tgt Ion:276 Resp: 80103

Ion	Ratio	Lower	Upper
276	100		
138	22.1	20.9	31.3
277	24.1	20.3	30.5



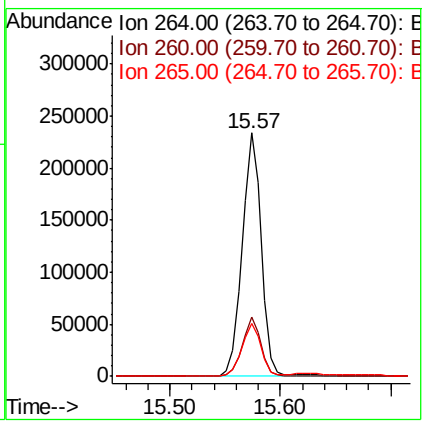


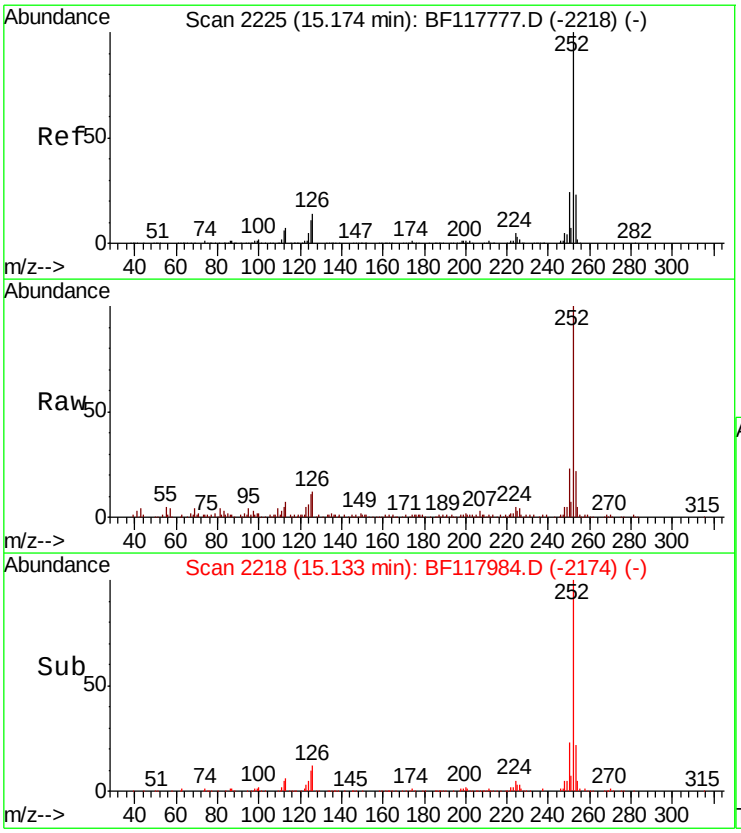
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.05 min
Lab File: BF117984.D
Acq: 25 Nov 2019 23:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 284344

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.5	17.1	25.7

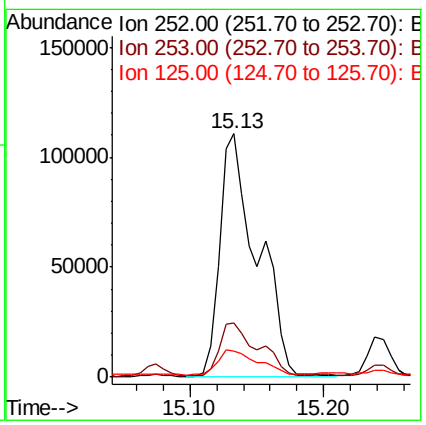


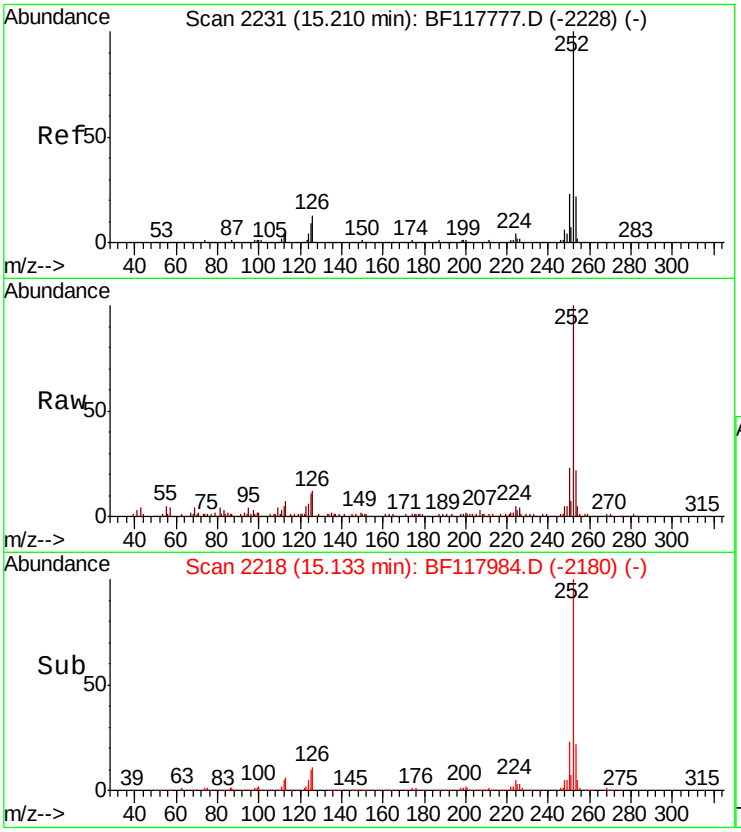


#88
Benzo(b)fluoranthene
Concen: 11.645 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.04 min
Lab File: BF117984.D
Acq: 25 Nov 2019 23:49

Tgt Ion:252 Resp: 215120

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.9	8.6	13.0



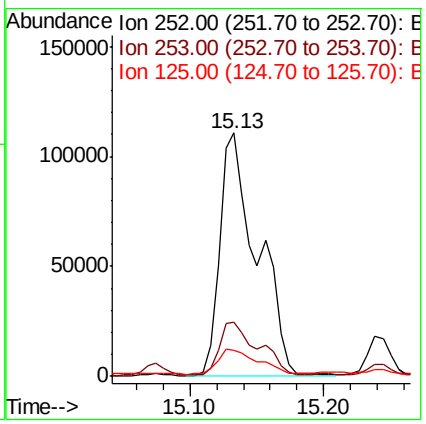


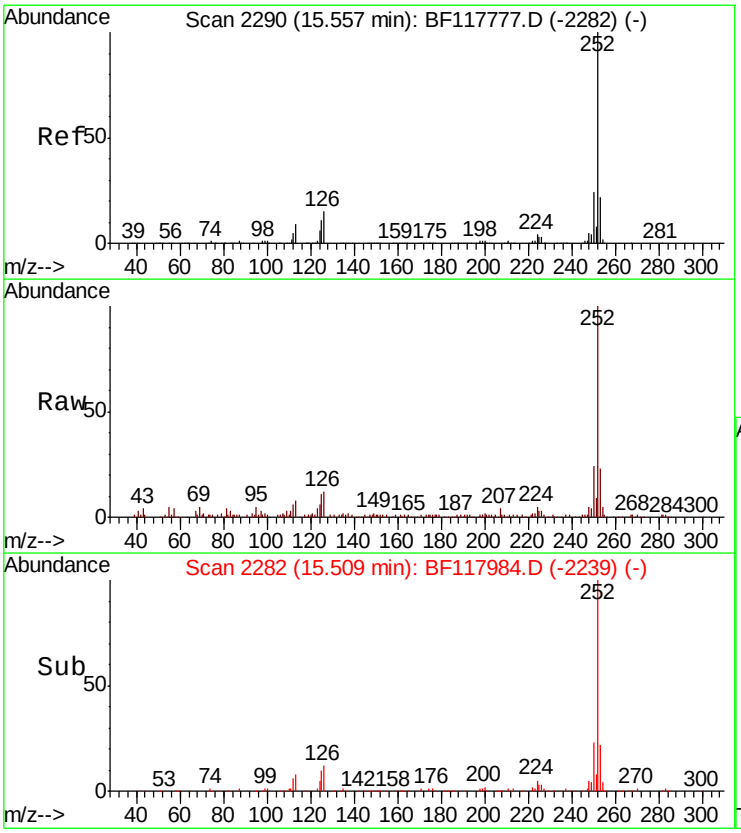
#89
Benzo(k)fluoranthene
Concen: 12.358 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.08 min
Lab File: BF117984.D
Acq: 25 Nov 2019 23:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 215120

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	10.9	7.9	11.9

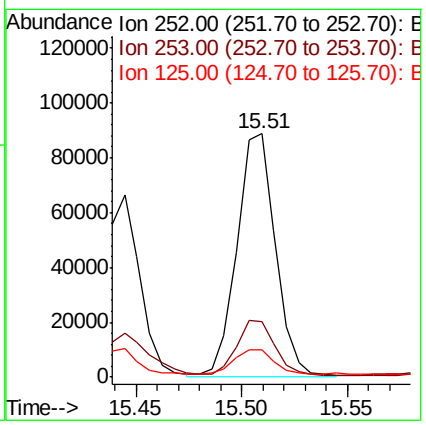


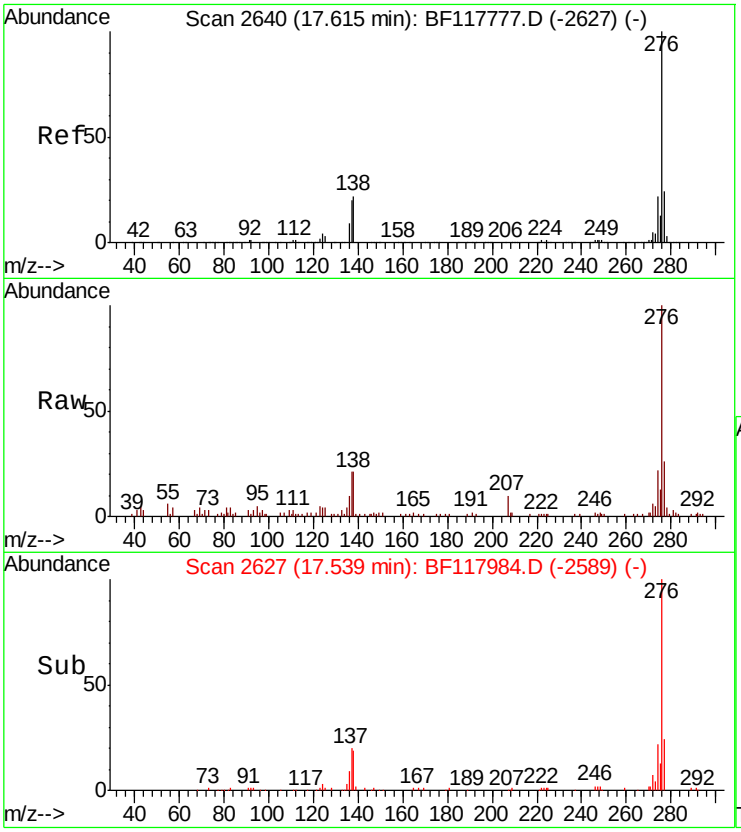


#90
Benzo(a)pyrene
Concen: 6.892 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.05 min
Lab File: BF117984.D
Acq: 25 Nov 2019 23:49

Tgt Ion:252 Resp: 111952

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	11.0	9.2	13.8





#92
Benzo(g,h,i)perylene
Concen: 5.379 ng
RT: 17.54 min Scan# 2627
Delta R.T. -0.08 min
Lab File: BF117984.D
Acq: 25 Nov 2019 23:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 74910

Ion	Ratio	Lower	Upper
276	100		
277	25.9	18.9	28.3
138	20.5	17.4	26.2