Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
Data File : BF118219.D
Acq On : 17 Dec 2019 1:50
Operator : JU
Sample : K6284-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 17 04:41:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	87518	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	330321	20.00	ng		0.00
39) Acenaphthene-d10	9.91	164	170274	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	293698	20.00	ng		0.00
76) Chrysene-d12	14.06	240	209177	20.00	ng		-0.01
87) Perylene-d12	15.54	264	265470	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	566893	113.45	ng		0.00
7) Phenol-d6	6.49	99	717340	118.69	ng		0.00
23) Nitrobenzene-d5	7.43	82	422863	72.02	ng		-0.01
42) 2,4,6-Tribromophenol	10.70	330	220332	106.52	ng		-0.01
45) 2-Fluorobiphenyl	9.23	172	888218	79.38	ng		-0.01
79) Terphenyl-d14	12.99	244	829830	68.22	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.42	77	7891	Below Cal			96
10) Phenol	6.50	94	22333	3.240	ng		92
19) n-Nitroso-di-n-propylamine	7.43	70	57659	15.700	ng	#	75
25) Isophorone	7.43	82	420743	42.271	ng	#	62
50) Dimethylphthalate	9.62	163	35084	2.790	ng		96
51) 2,6-Dinitrotoluene	9.91	165	21978	8.036	ng	#	28
57) 2,4-Dinitrotoluene	9.91	165	21978	6.021	ng	#	26
67) 4-Bromophenyl-phenylether	10.70	248	13475	4.019	ng	#	1
71) Phenanthrene	11.43	178	56319	3.607	ng		98
75) Fluoranthene	12.62	202	89888	5.631	ng		97
77) Benzidine	12.99	184	11191	2.032	ng	#	89
78) Pyrene	12.85	202	105741	6.415	ng		98
81) Benzo(a)anthracene	14.05	228	50834	3.515	ng		96
83) Chrysene	14.08	228	54194	3.922	ng		97
86) Indeno(1,2,3-cd)pyrene	17.05	276	27397	2.357	ng		99
88) Benzo(b)fluoranthene	15.11	252	77688	4.425	ng		96
89) Benzo(k)fluoranthene	15.11	252	77688	4.606	ng	#	93
90) Benzo(a)pyrene	15.48	252	44208	2.851	ng		98

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
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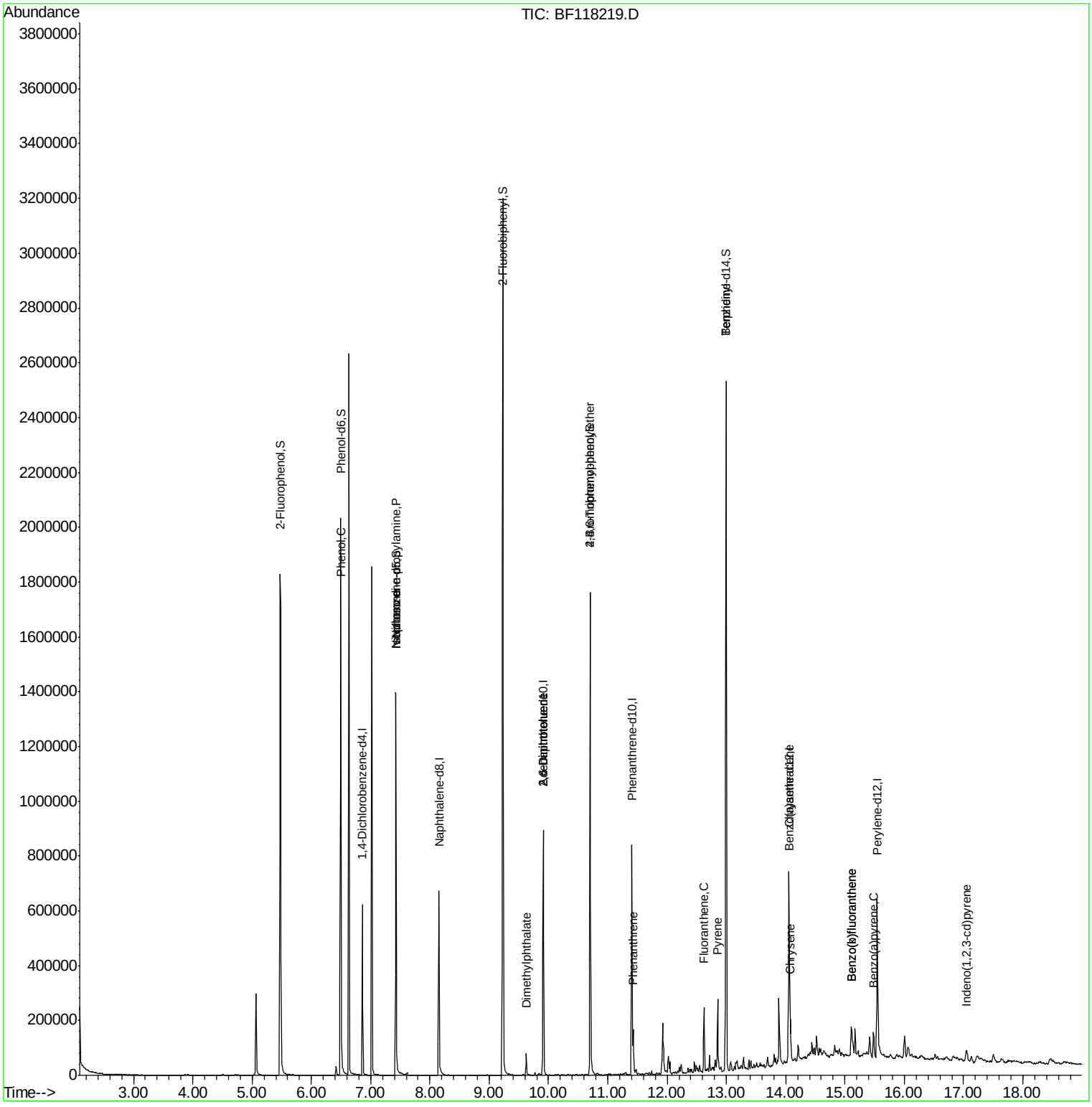
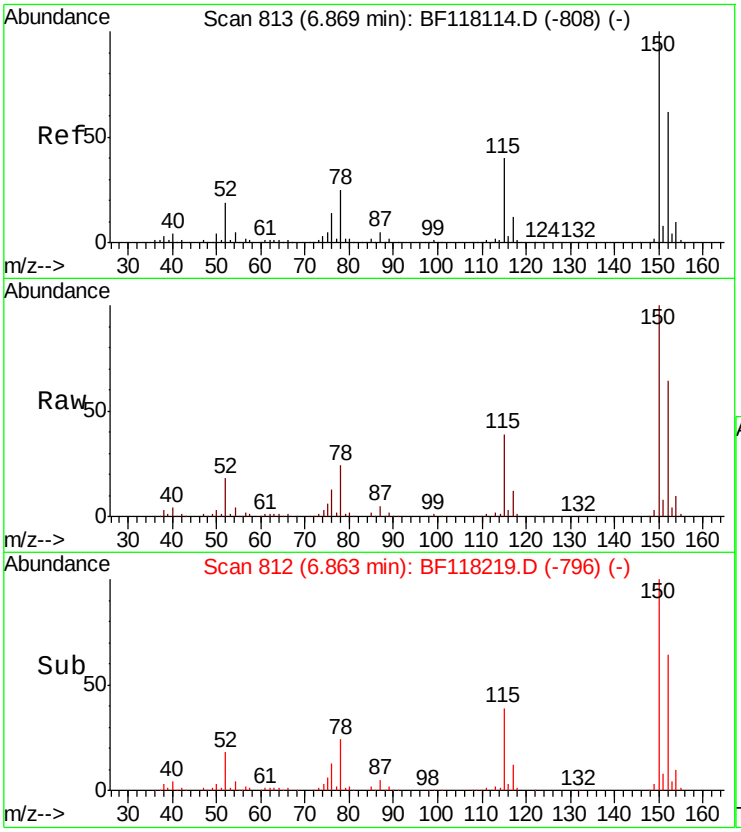


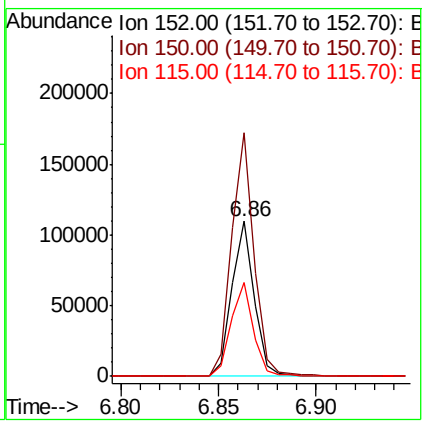


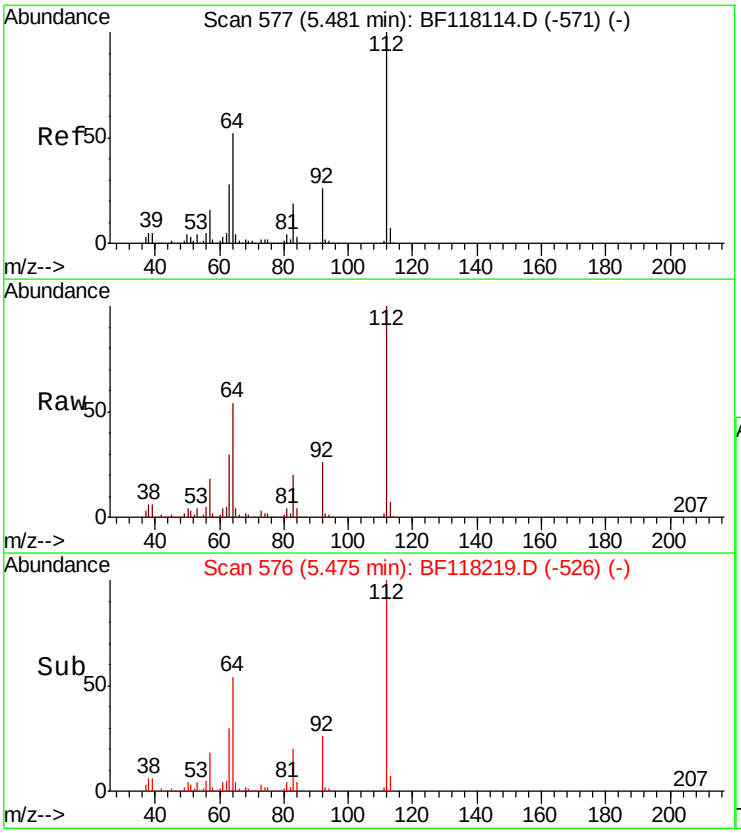
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118219.D
Acq: 17 Dec 2019 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 87518

Ion	Ratio	Lower	Upper
152	100		
150	156.9	128.3	192.5
115	60.8	51.1	76.7

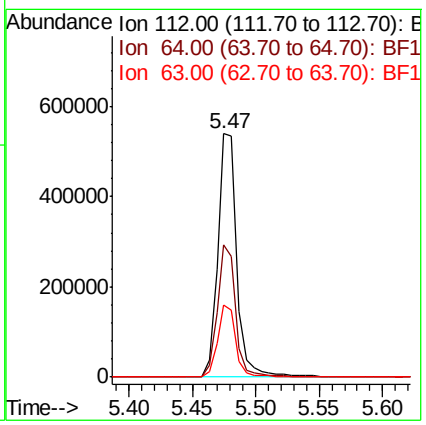


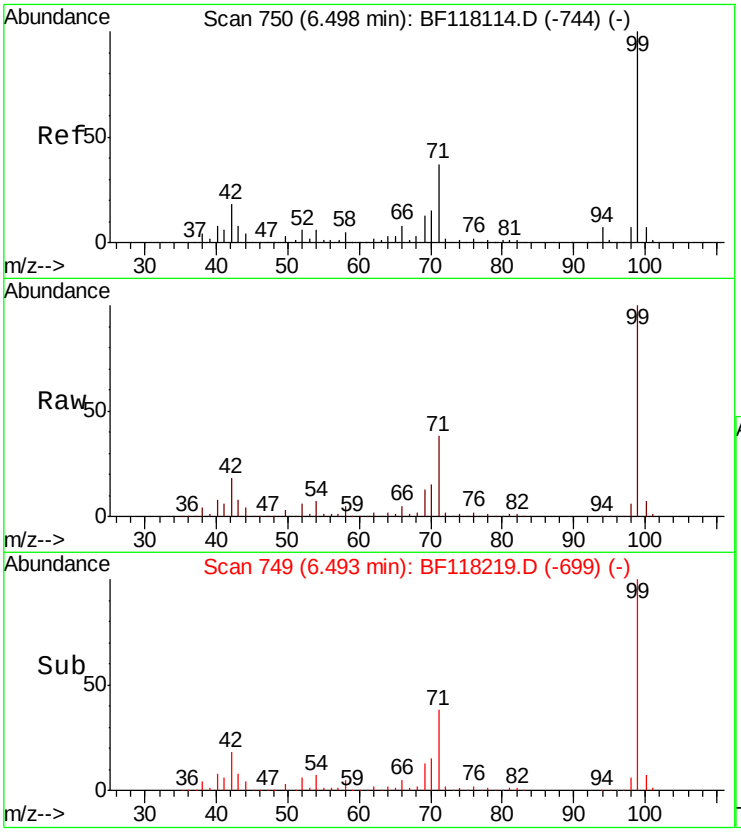


#5
2-Fluorophenol
Concen: 113.450 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF118219.D
Acq: 17 Dec 2019 1:50

Tgt Ion:112 Resp: 566893

Ion	Ratio	Lower	Upper
112	100		
64	54.3	41.3	61.9
63	29.8	22.4	33.6



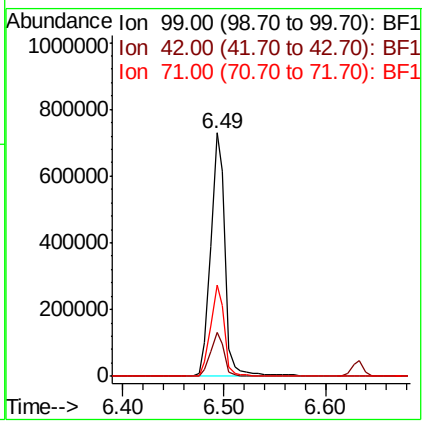


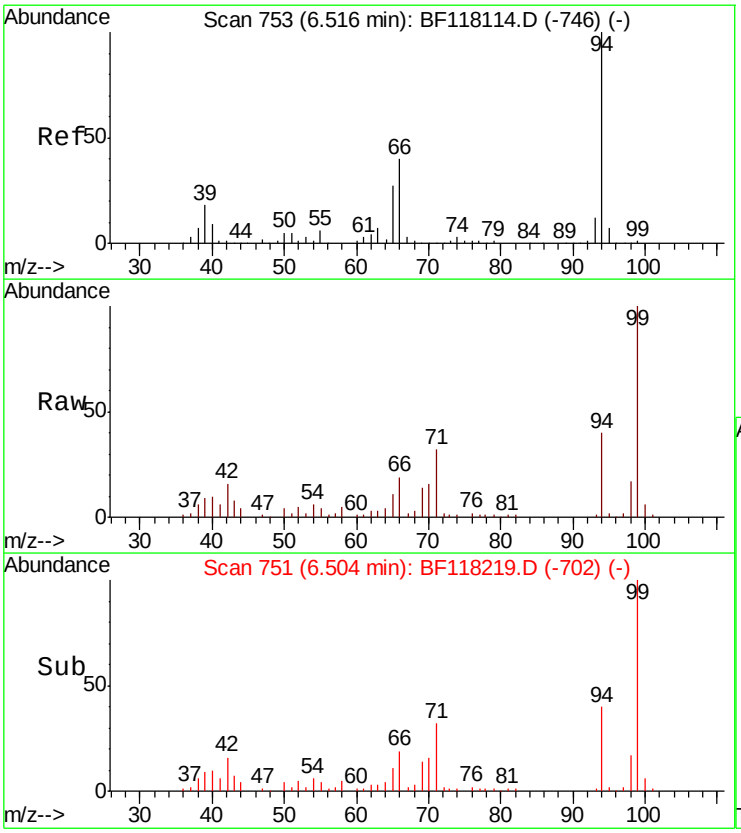
#7
Phenol-d6
Concen: 118.690 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF118219.D
Acq: 17 Dec 2019 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 717340

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.1	21.1
71	37.6	29.7	44.5

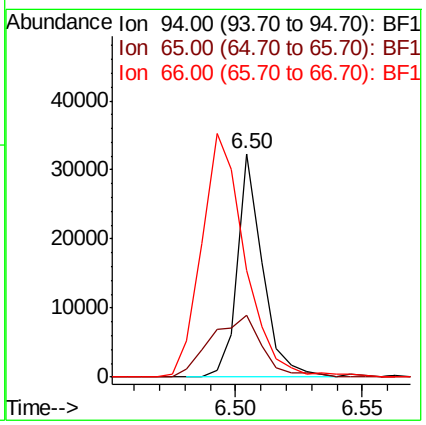


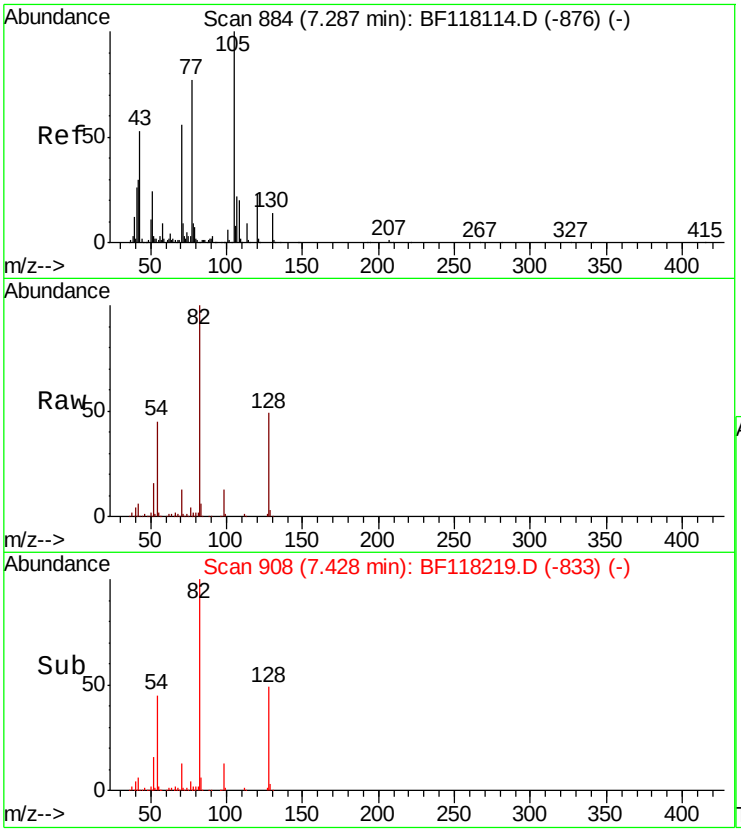


#10
Phenol
Concen: 3.240 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF118219.D
Acq: 17 Dec 2019 1:50

Tgt Ion: 94 Resp: 22333

Ion	Ratio	Lower	Upper
94	100		
65	27.7	7.3	47.3
66	47.6	20.2	60.2



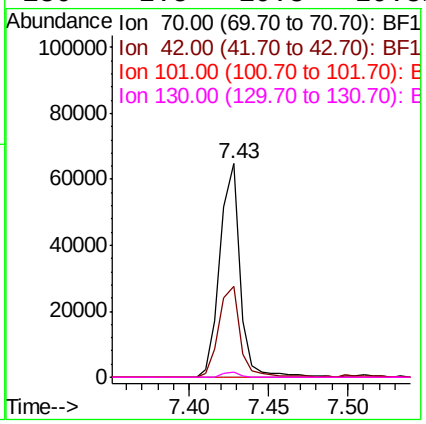


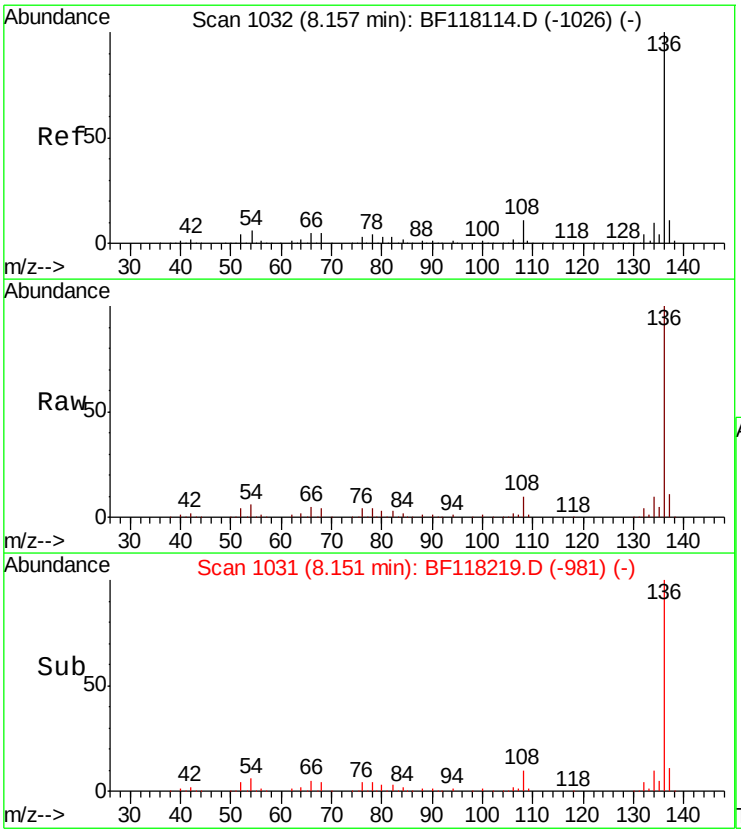
#19
n-Nitroso-di-n-propylamine
Concen: 15.700 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF118219.D
Acq: 17 Dec 2019 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 57659

Ion	Ratio	Lower	Upper
70	100		
42	42.8	43.2	64.8#
101	0.0	8.1	12.1#
130	2.5	19.8	29.8#

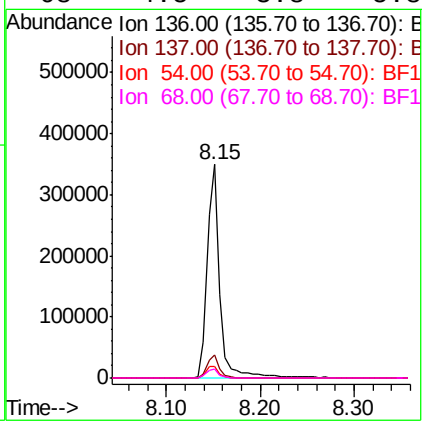


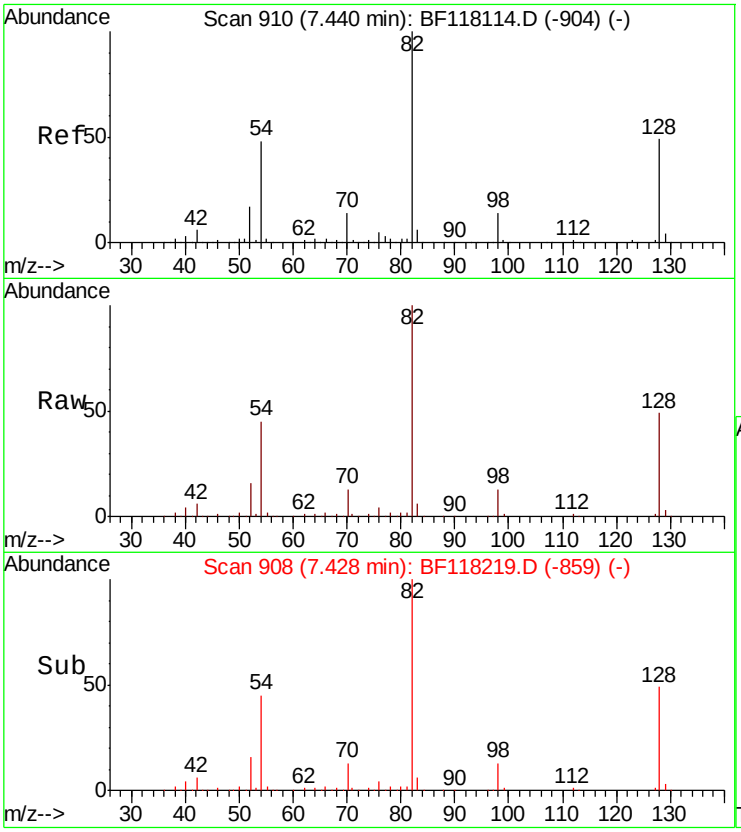


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118219.D
Acq: 17 Dec 2019 1:50

Tgt Ion:136 Resp: 330321

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	5.6	5.0	7.6
68	4.5	3.8	5.8



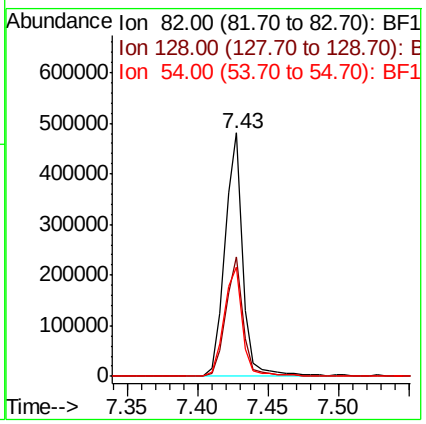


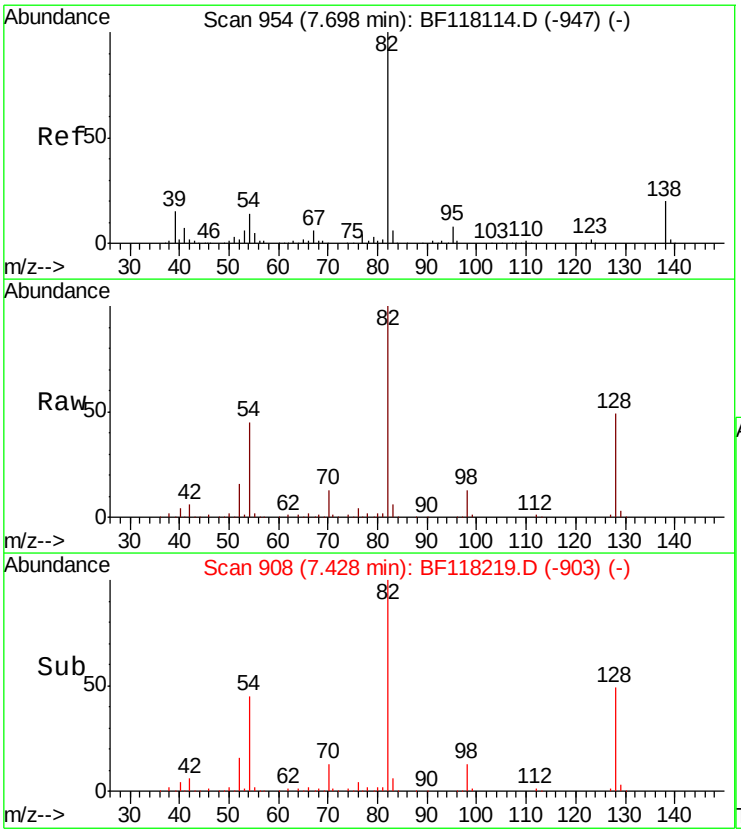
#23
Nitrobenzene-d5
Concen: 72.019 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118219.D
Acq: 17 Dec 2019 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 422863

Ion	Ratio	Lower	Upper
82	100		
128	49.2	39.1	58.7
54	44.6	38.2	57.2

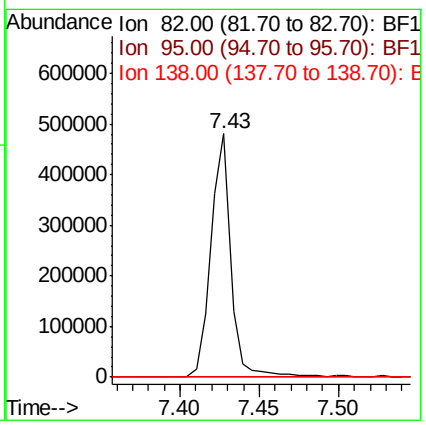


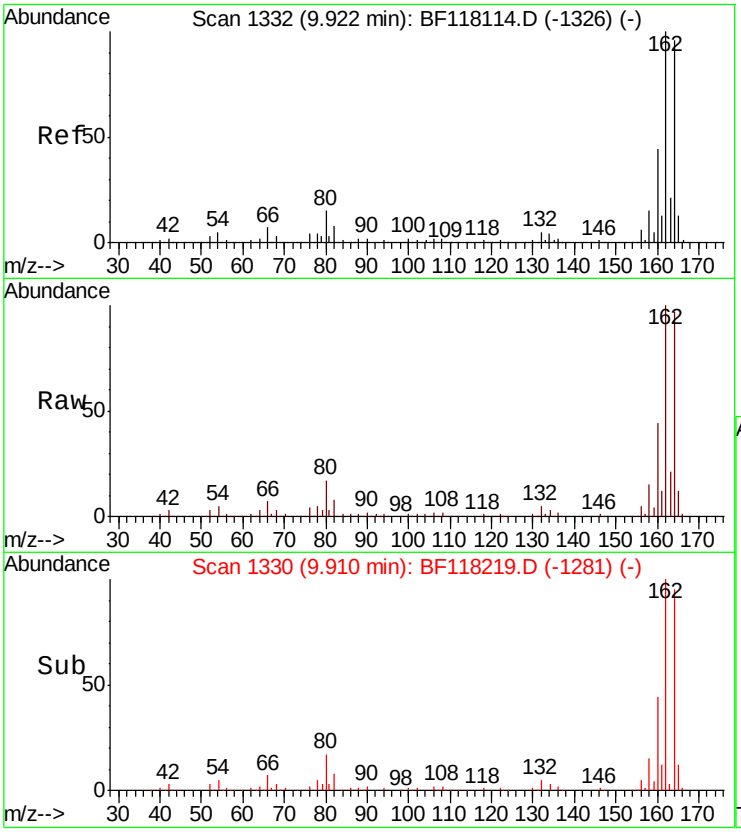


#25
Isophorone
Concen: 42.271 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.27 min
Lab File: BF118219.D
Acq: 17 Dec 2019 1:50

Tgt Ion: 82 Resp: 420743

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.3	9.5#
138	0.0	16.3	24.5#



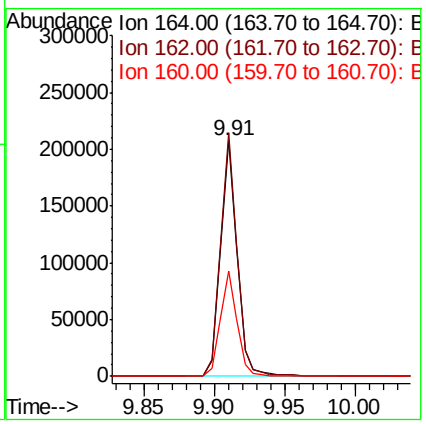


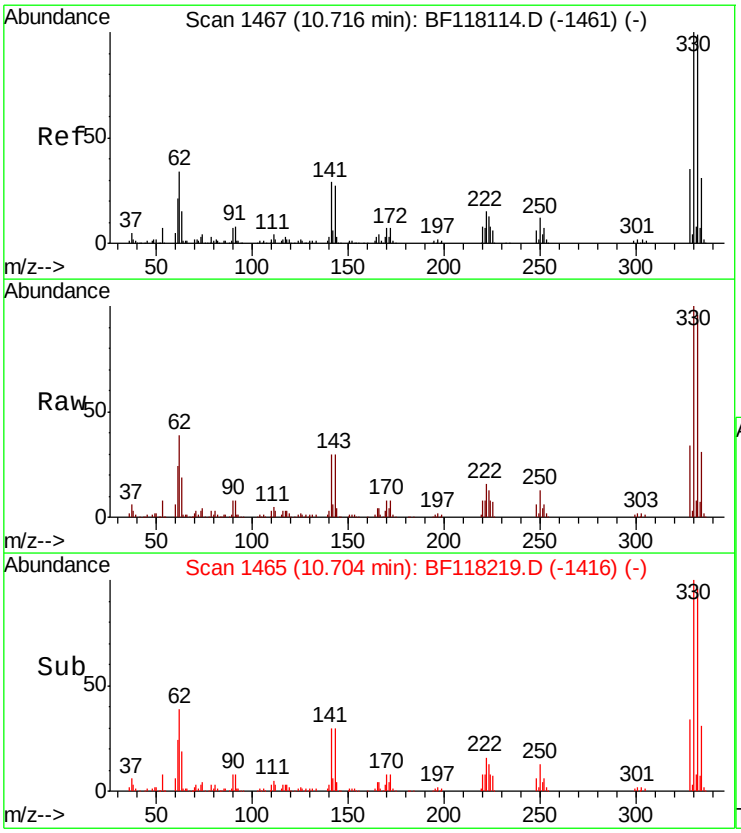
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF118219.D
Acq: 17 Dec 2019 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 170274

Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.4	125.0
160	45.0	36.6	54.8

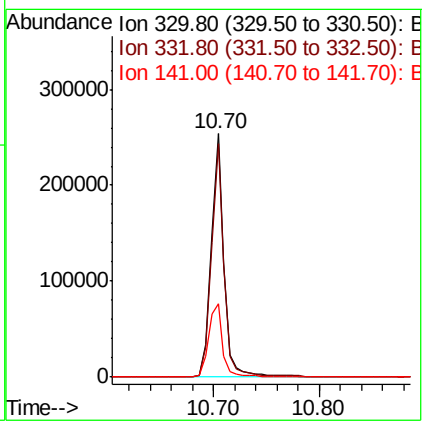


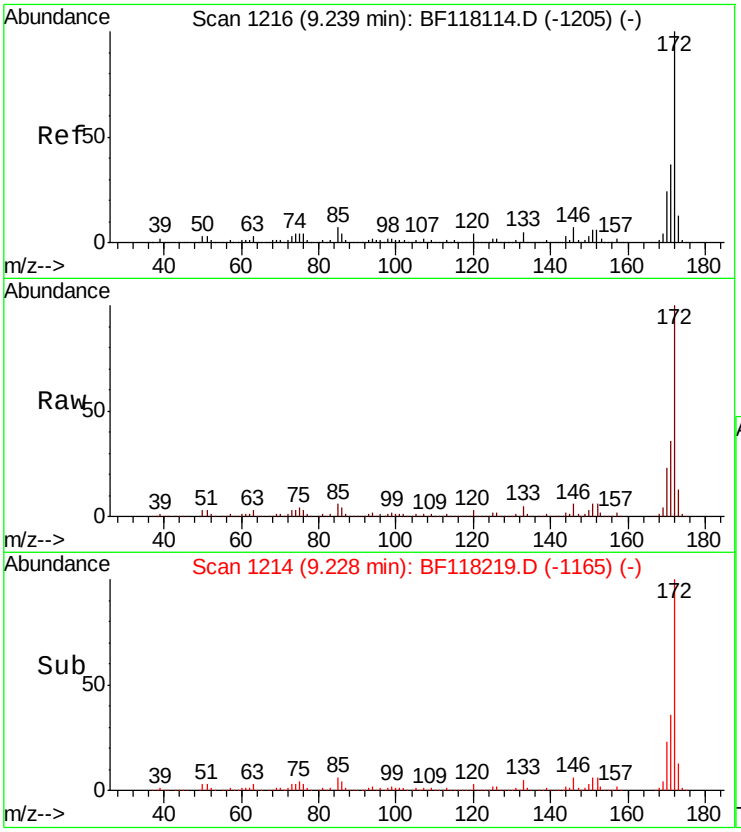


#42
2,4,6-Tribromophenol
Concen: 106.517 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118219.D
Acq: 17 Dec 2019 1:50

Tgt Ion:330 Resp: 220332

Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.1	117.1
141	32.9	26.9	40.3



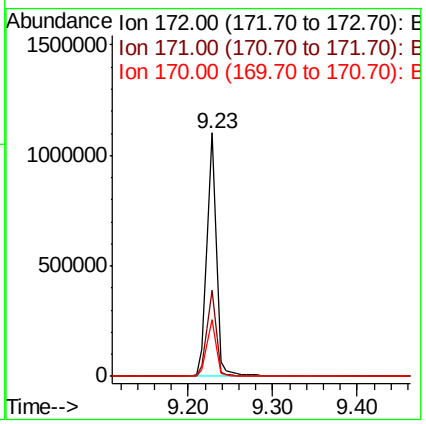


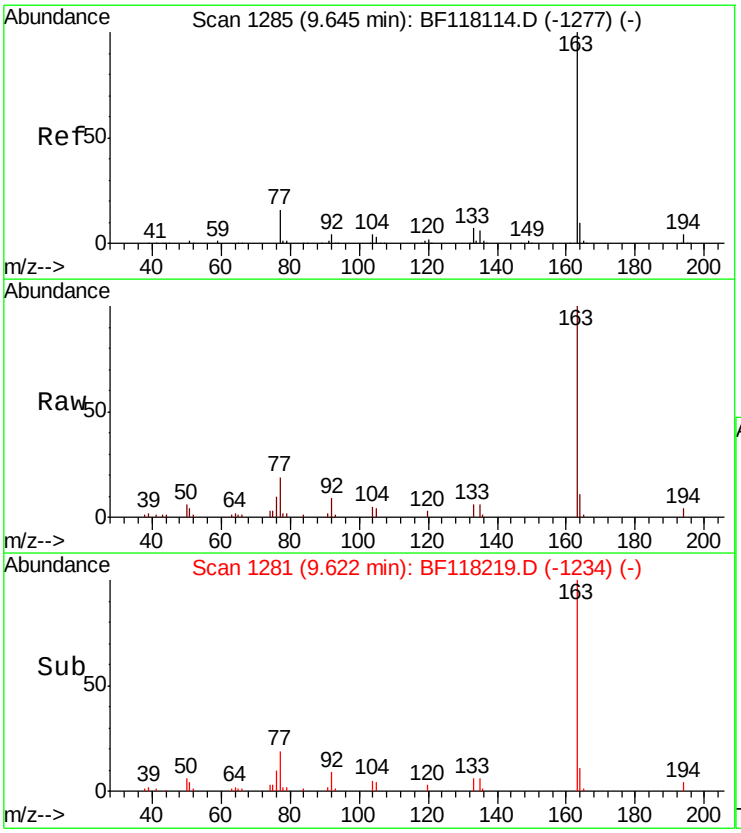
#45
2-Fluorobiphenyl
Concen: 79.375 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118219.D
Acq: 17 Dec 2019 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 888218

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.2	43.8
170	23.1	19.4	29.2

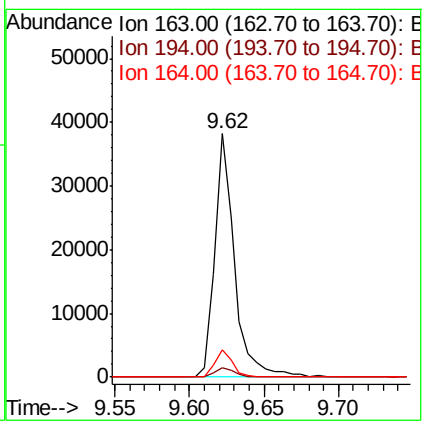


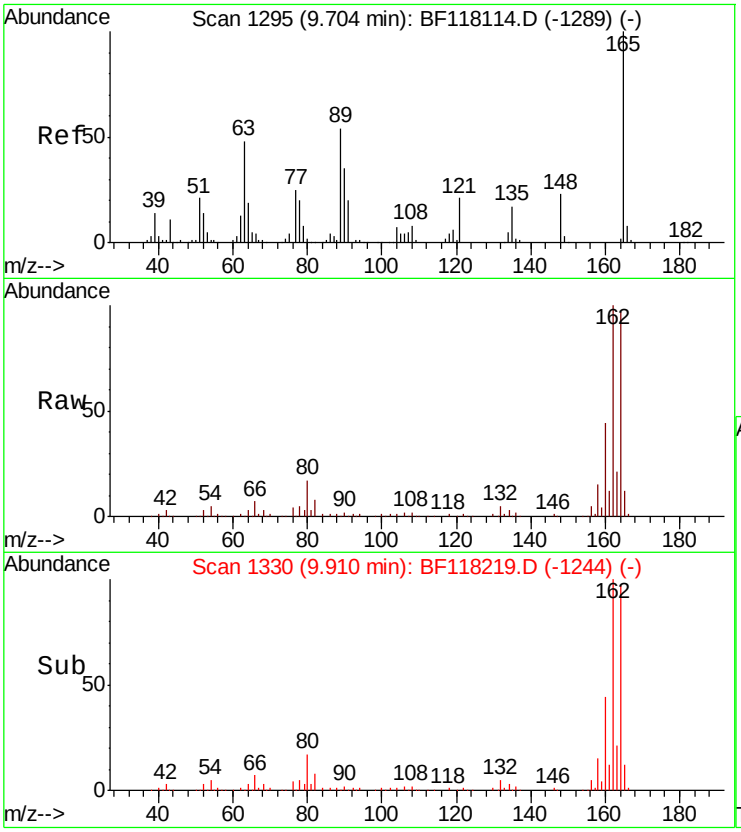


#50
Dimethylphthalate
Concen: 2.790 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118219.D
Acq: 17 Dec 2019 1:50

Tgt Ion:163 Resp: 35084

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	11.4	7.7	11.5



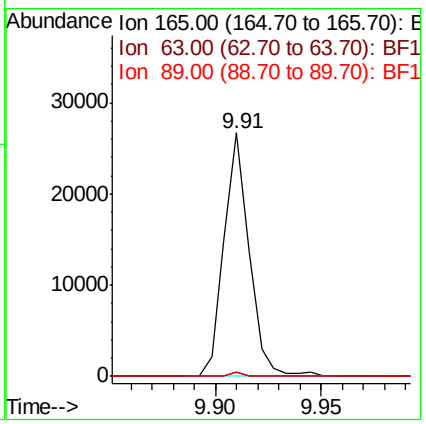


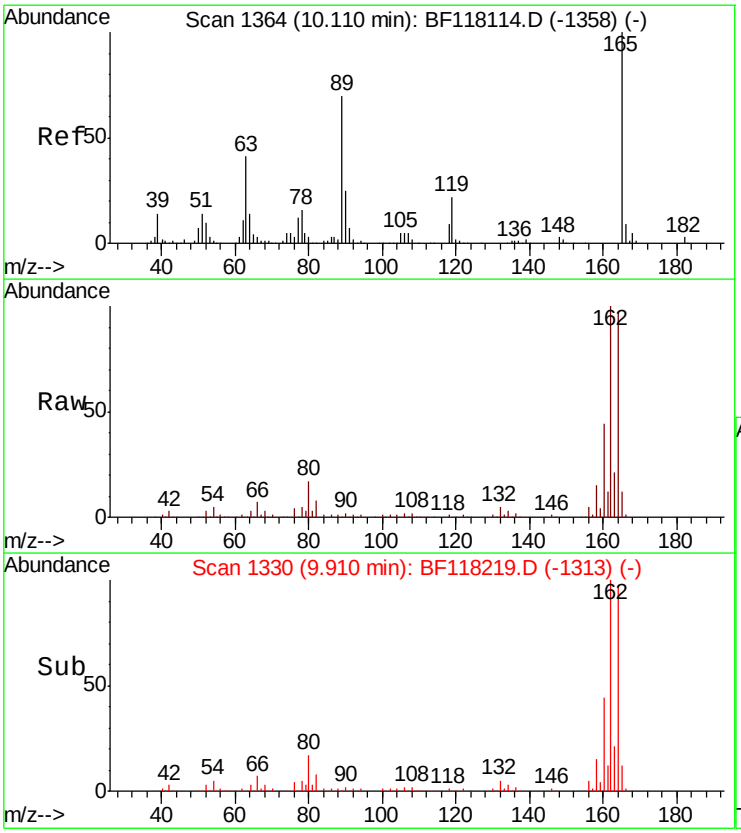
#51
2,6-Dinitrotoluene
Concen: 8.036 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF118219.D
Acq: 17 Dec 2019 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21978

Ion	Ratio	Lower	Upper
165	100		
63	1.8	41.4	62.0#
89	1.9	42.9	64.3#

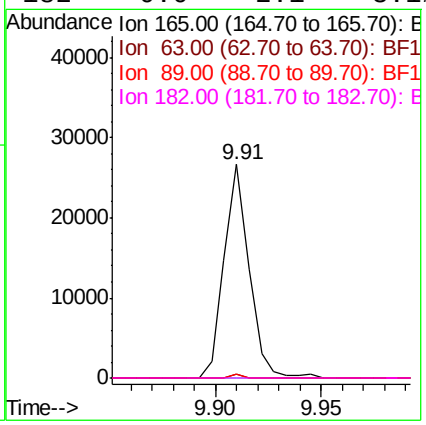


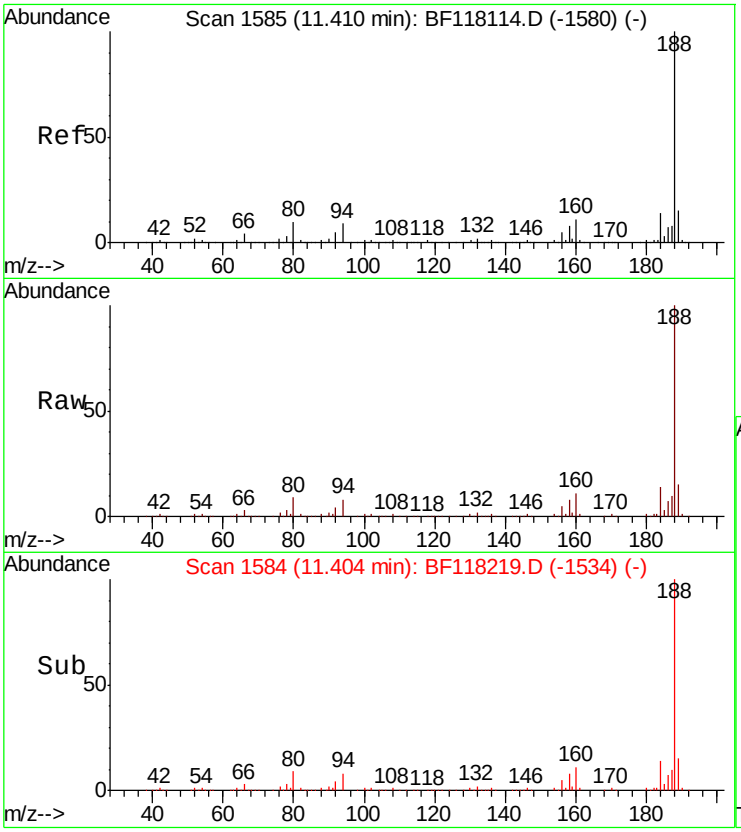


#57
2,4-Dinitrotoluene
Concen: 6.021 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF118219.D
Acq: 17 Dec 2019 1:50

Tgt Ion:165 Resp: 21978

Ion	Ratio	Lower	Upper
165	100		
63	1.8	32.6	49.0#
89	1.9	56.1	84.1#
182	0.0	2.1	3.1#



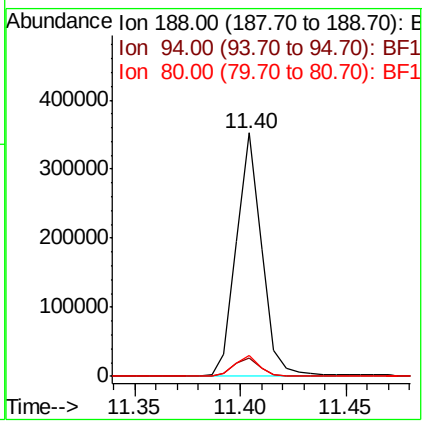


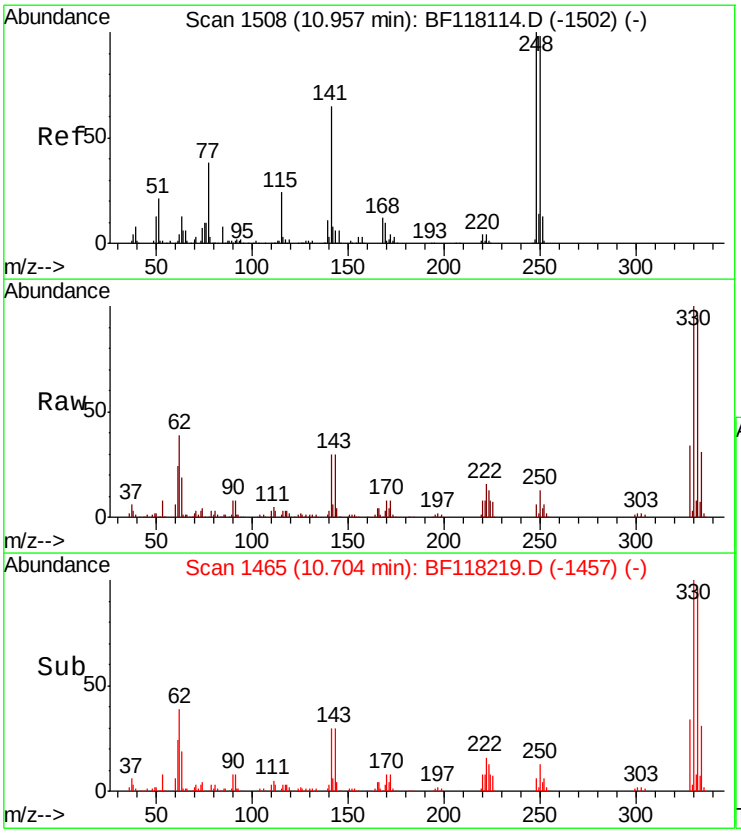
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118219.D
Acq: 17 Dec 2019 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 293698

Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.1	10.7
80	8.8	7.9	11.9

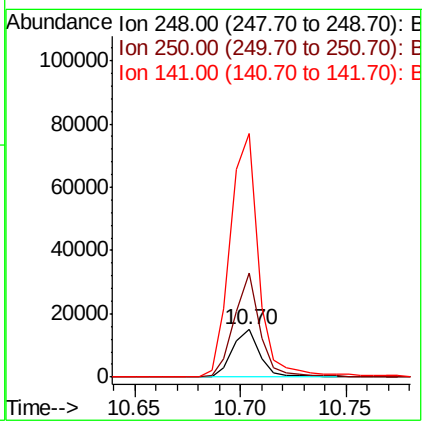


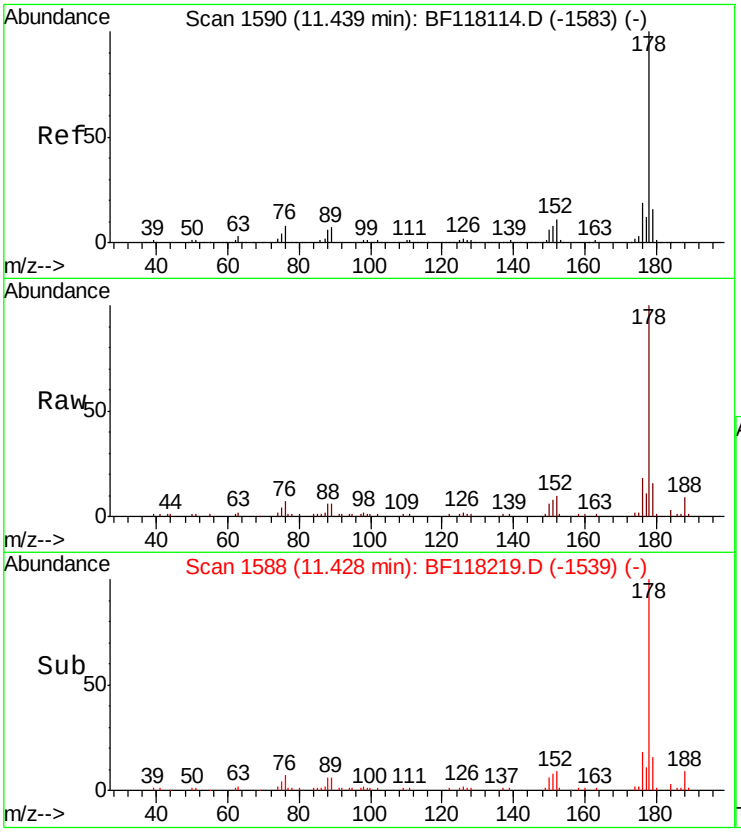


#67
4-Bromophenyl-phenylether
Concen: 4.019 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118219.D
Acq: 17 Dec 2019 1:50

Tgt Ion:248 Resp: 13475

Ion	Ratio	Lower	Upper
248	100		
250	220.6	78.3	117.5#
141	514.2	52.2	78.4#



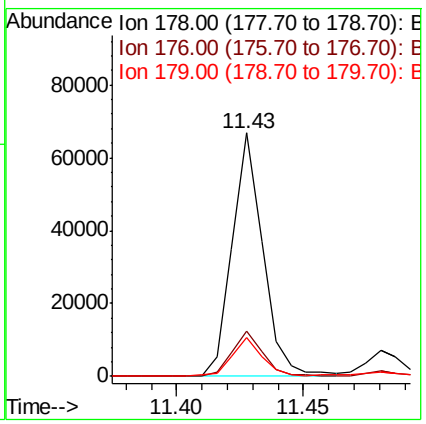


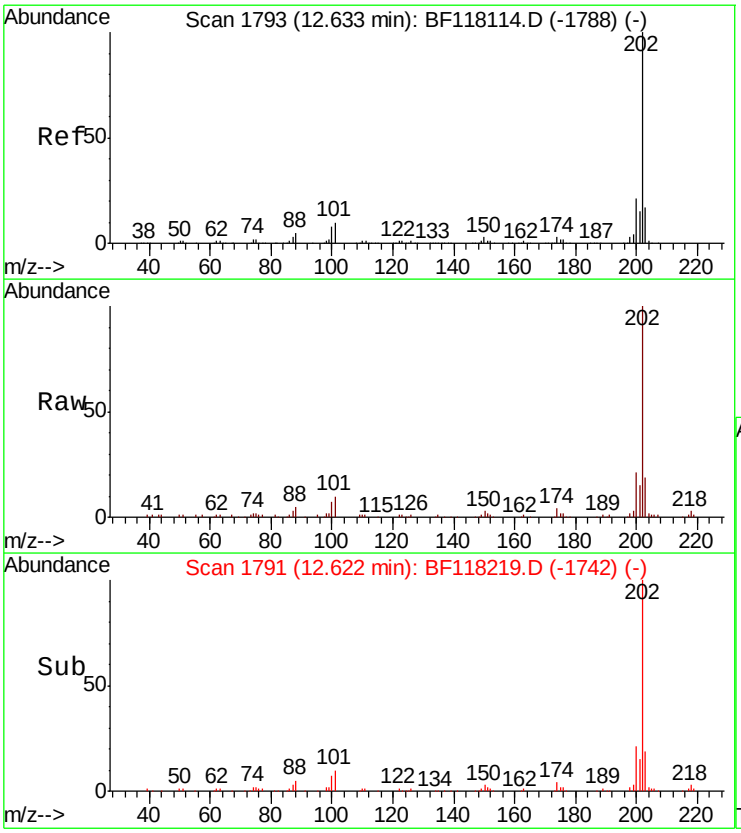
#71
Phenanthrene
Concen: 3.607 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118219.D
Acq: 17 Dec 2019 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 56319

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.5	23.3
179	16.2	12.6	18.8

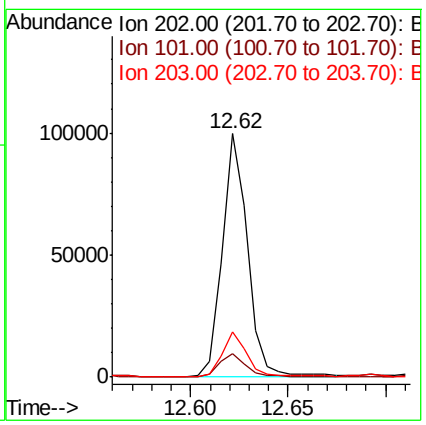


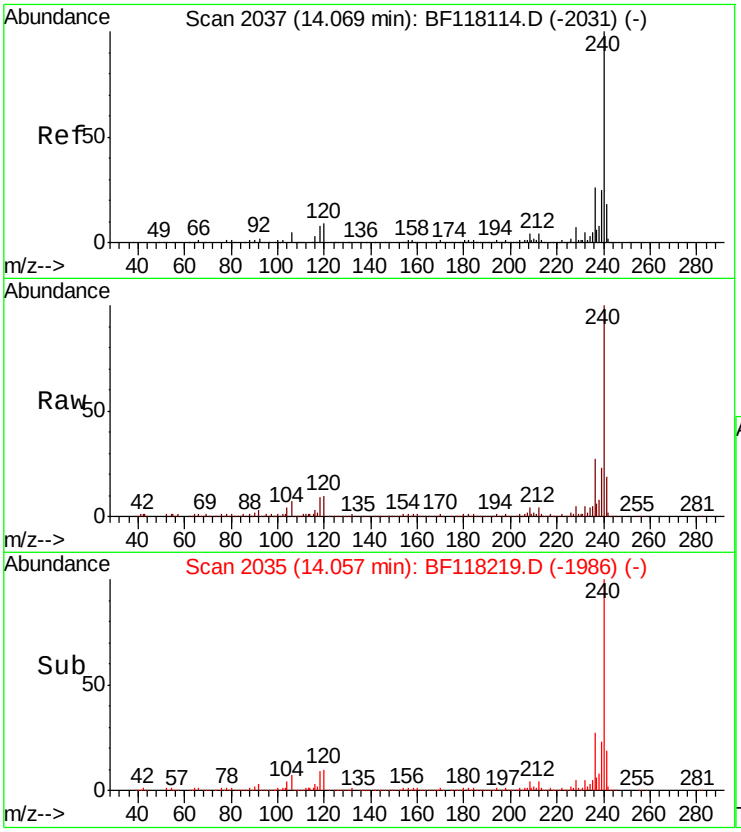


#75
Fluoranthene
Concen: 5.631 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF118219.D
Acq: 17 Dec 2019 1:50

Tgt Ion:202 Resp: 89888

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.4
203	18.8	0.0	37.2



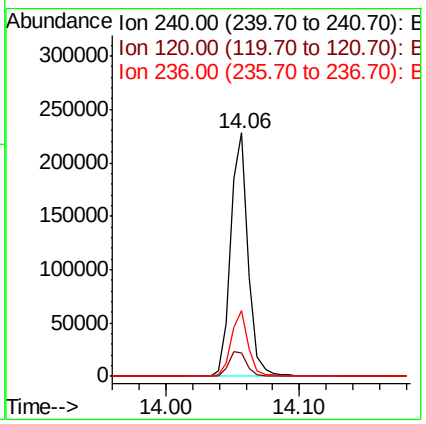


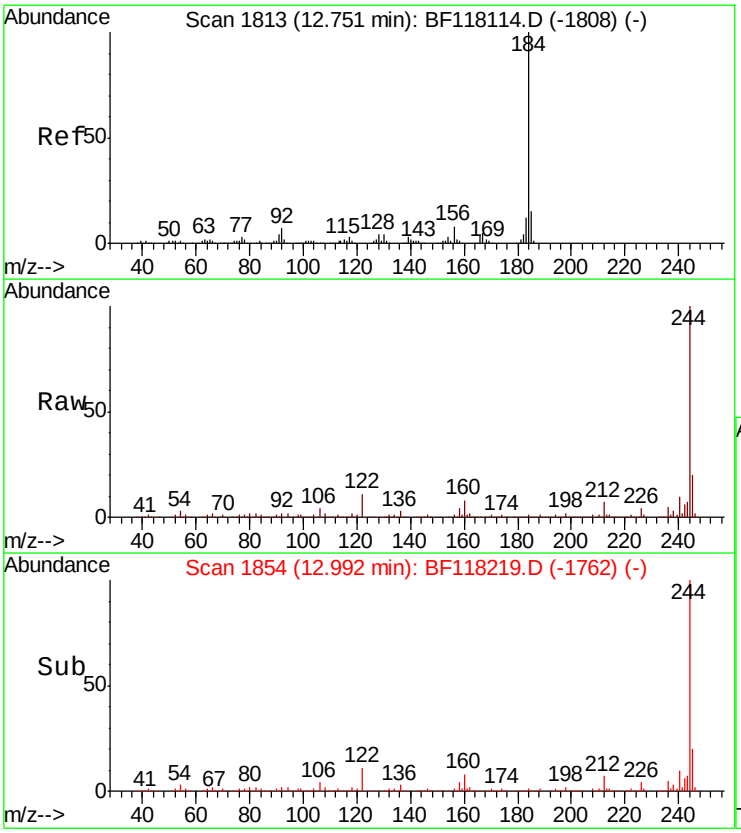
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118219.D
Acq: 17 Dec 2019 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 209177

Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.1	10.7
236	27.1	21.0	31.6

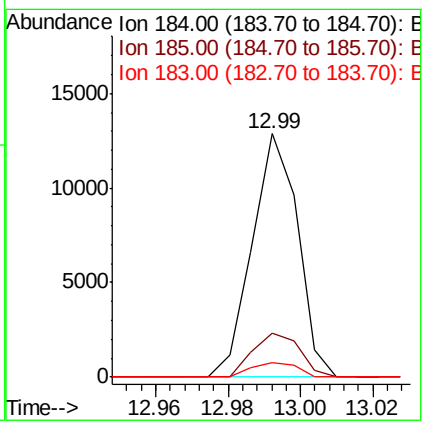


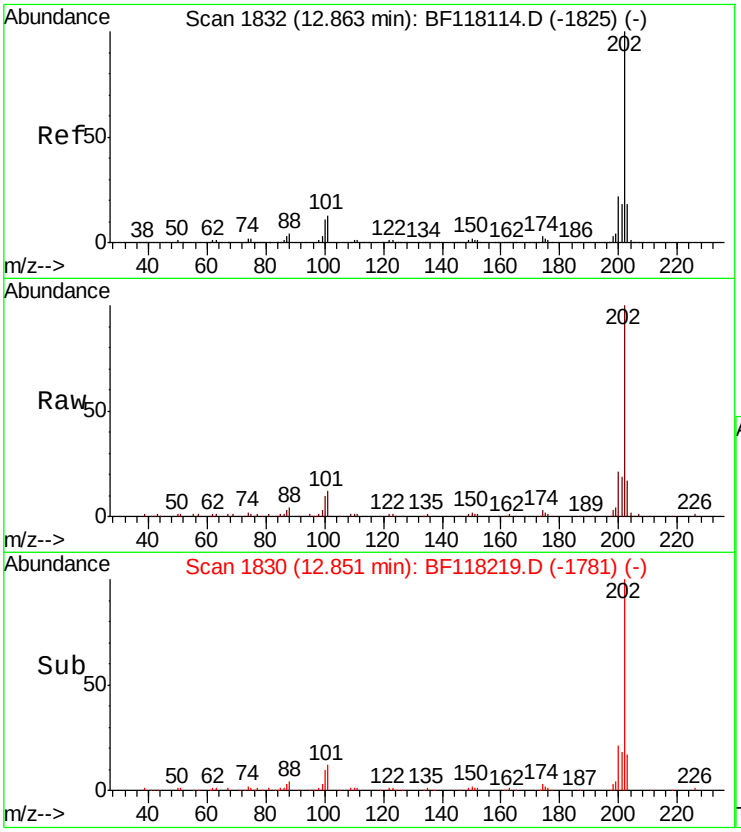


#77
Benzidine
Concen: 2.032 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.24 min
Lab File: BF118219.D
Acq: 17 Dec 2019 1:50

Tgt Ion:184 Resp: 11191

Ion	Ratio	Lower	Upper
184	100		
185	17.9	12.3	18.5
183	5.7	9.9	14.9#



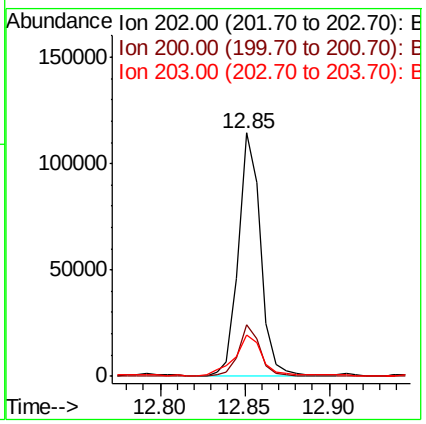


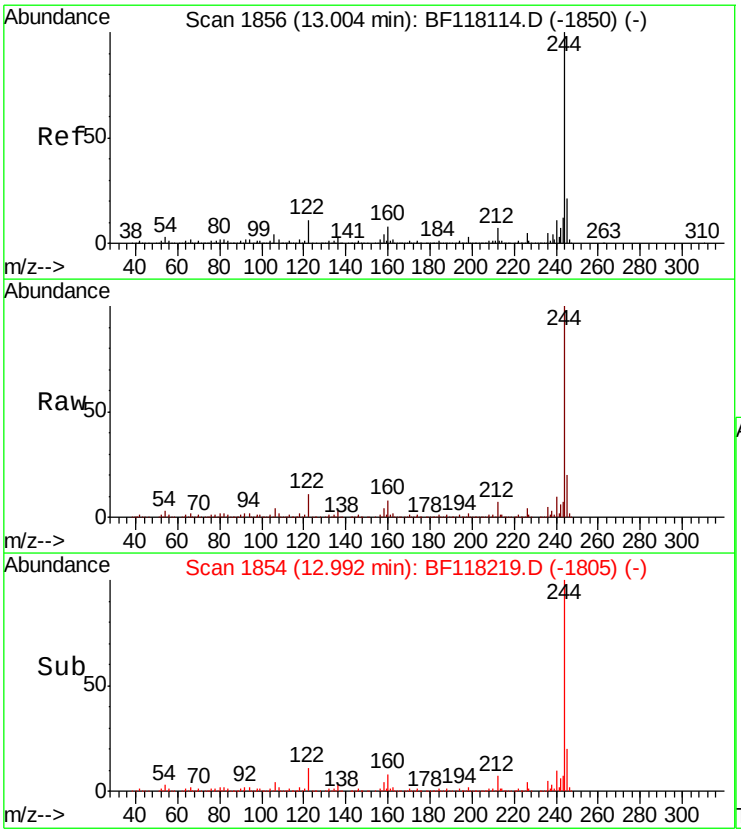
#78
Pyrene
Concen: 6.415 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF118219.D
Acq: 17 Dec 2019 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 105741

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.5	26.3
203	17.2	14.6	21.8

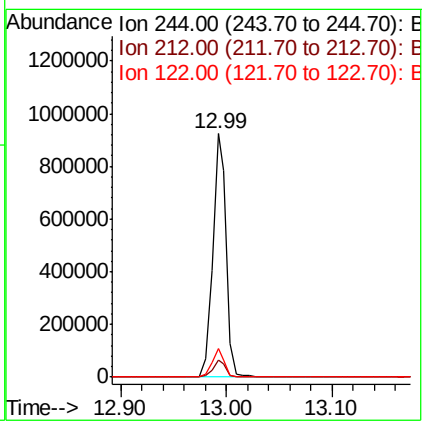


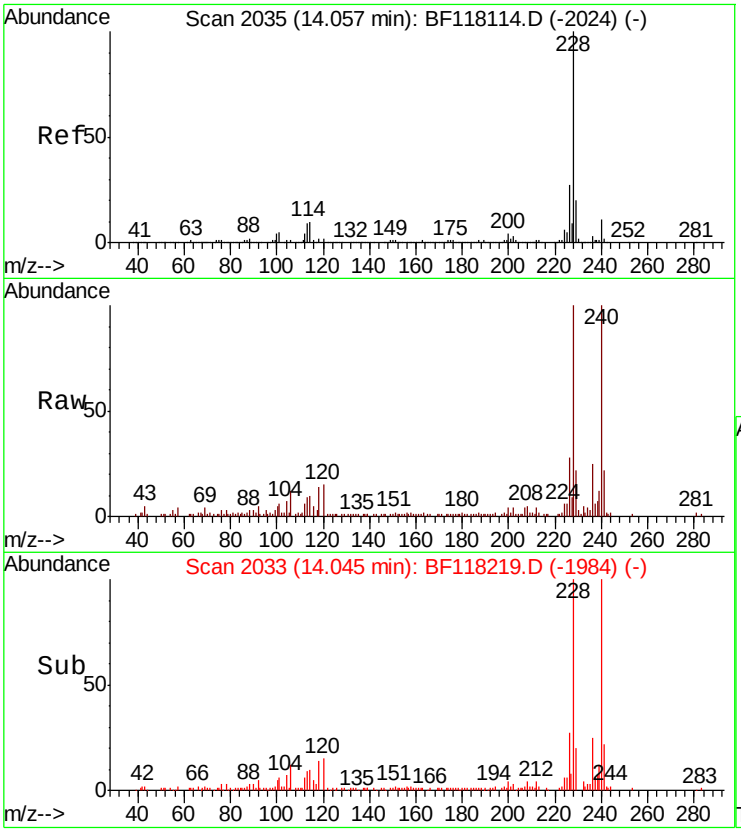


#79
Terphenyl-d14
Concen: 68.220 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF118219.D
Acq: 17 Dec 2019 1:50

Tgt Ion:244 Resp: 829830

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	11.5	9.0	13.6



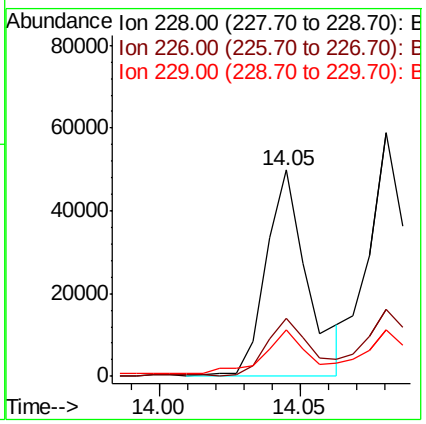


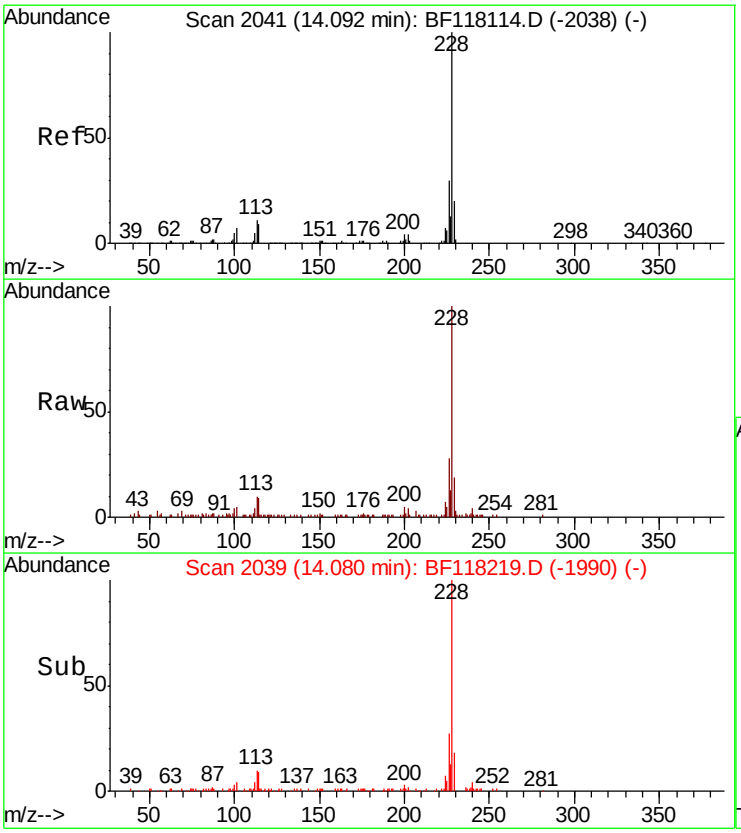
#81
Benzo(a)anthracene
Concen: 3.515 ng
RT: 14.05 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118219.D
Acq: 17 Dec 2019 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 50834

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.8	32.8
229	22.4	15.8	23.8

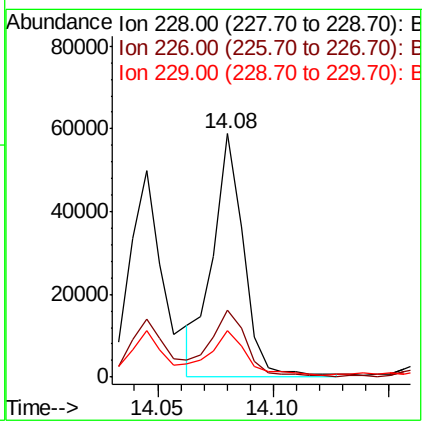


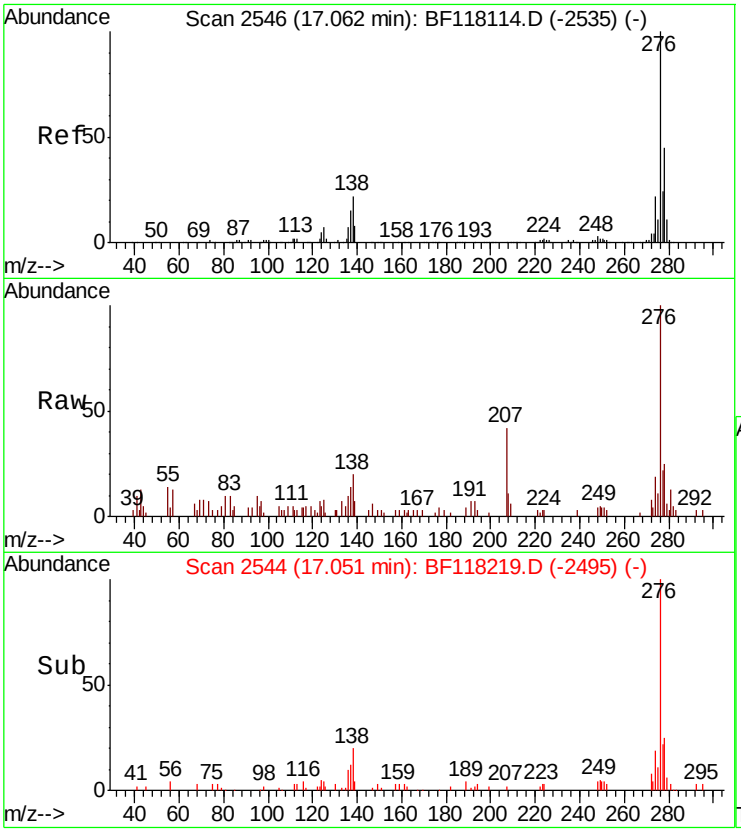


#83
Chrysene
Concen: 3.922 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF118219.D
Acq: 17 Dec 2019 1:50

Tgt Ion:228 Resp: 54194

Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.8	35.8
229	19.4	15.7	23.5



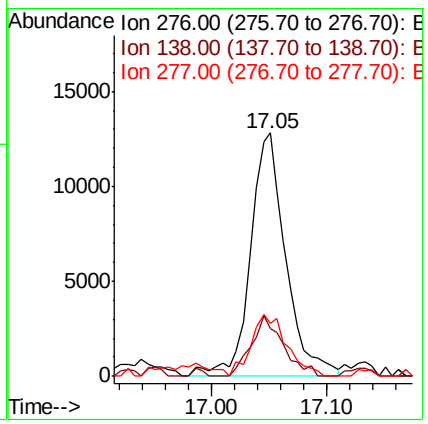


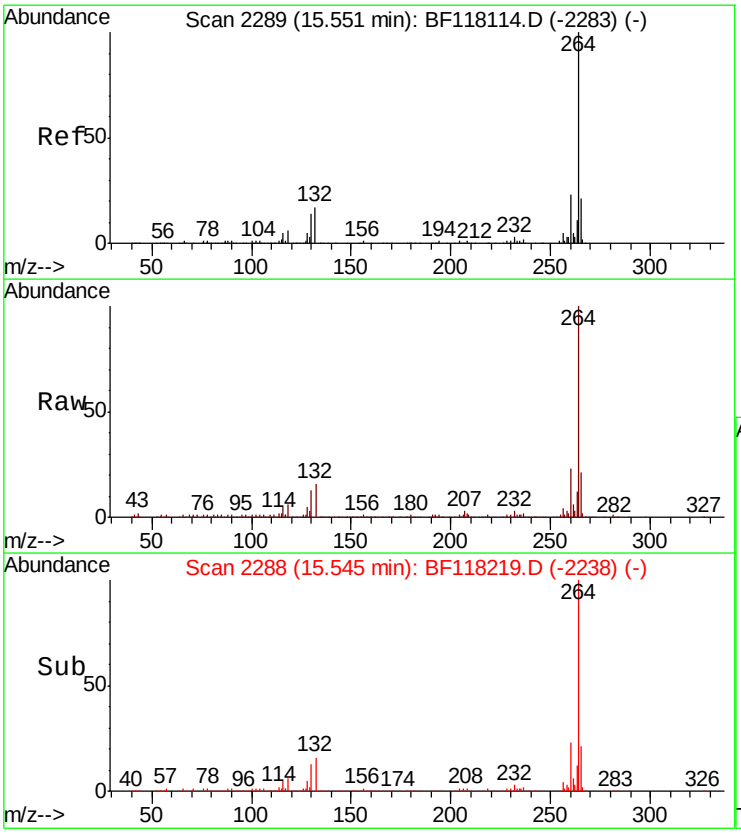
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.357 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.01 min
Lab File: BF118219.D
Acq: 17 Dec 2019 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 27397

Ion	Ratio	Lower	Upper
276	100		
138	22.3	18.9	28.3
277	25.6	20.4	30.6

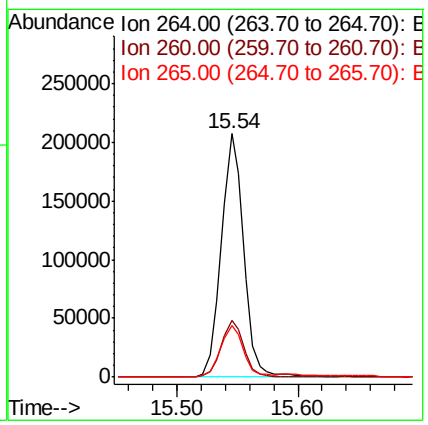


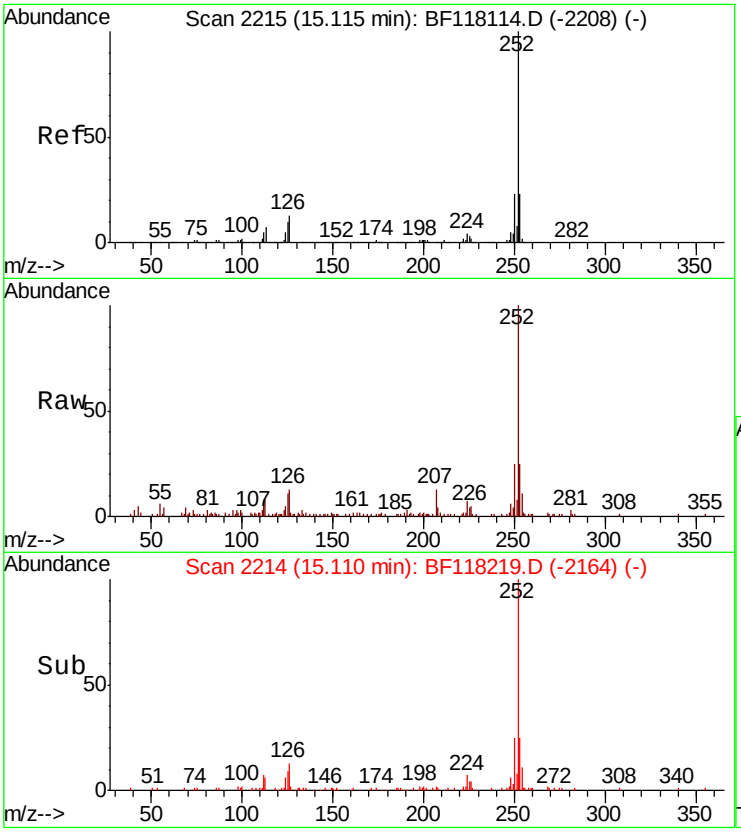


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF118219.D
Acq: 17 Dec 2019 1:50

Tgt Ion:264 Resp: 265470

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	21.3	16.8	25.2



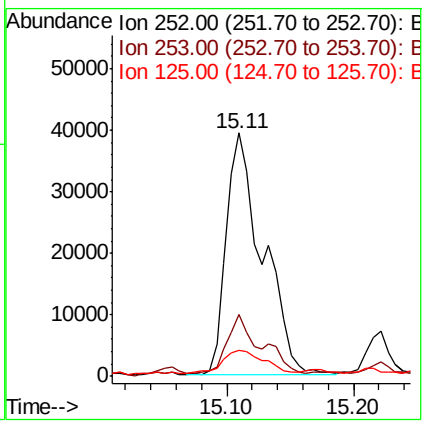


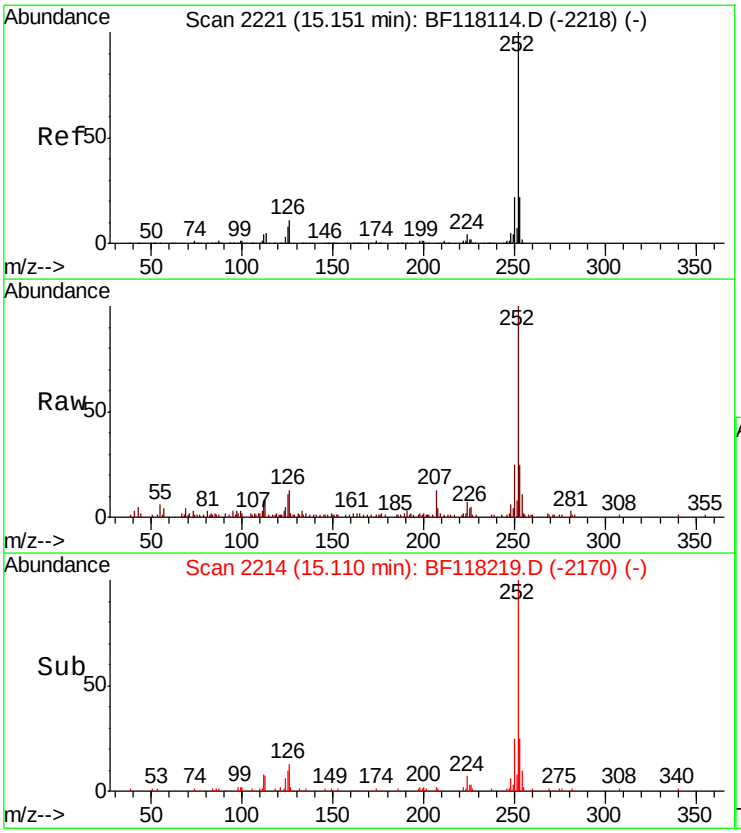
#88
Benzo(b)fluoranthene
Concen: 4.425 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118219.D
Acq: 17 Dec 2019 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 77688

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.2	27.4
125	10.8	8.3	12.5

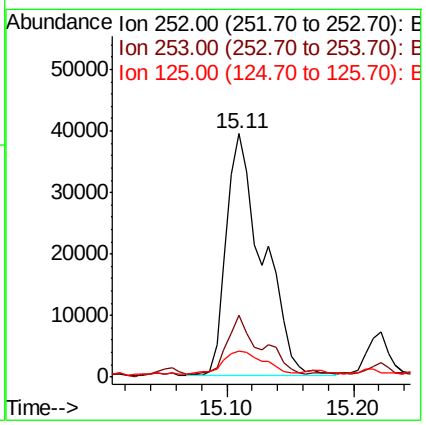


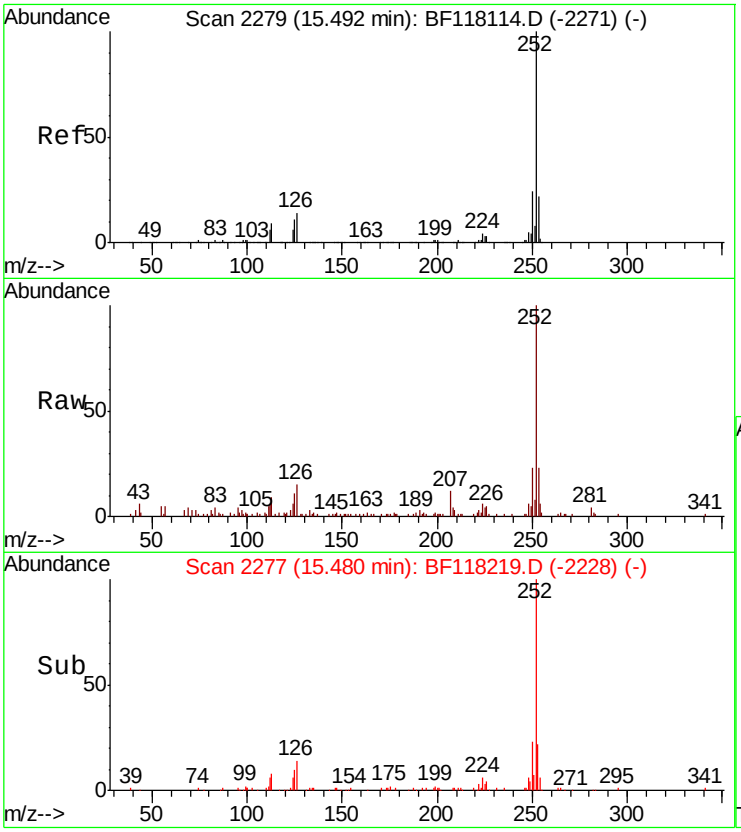


#89
Benzo(k)fluoranthene
Concen: 4.606 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.04 min
Lab File: BF118219.D
Acq: 17 Dec 2019 1:50

Tgt Ion:252 Resp: 77688

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.6	26.4
125	10.8	6.7	10.1#





#90
Benzo(a)pyrene
Concen: 2.851 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BF118219.D
Acq: 17 Dec 2019 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 44208

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	11.2	9.1	13.7