Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118314.D
Acq On : 26 Dec 2019 14:08
Operator : JU
Sample : K6417-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 27 03:22:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	117270	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	471500	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	252361	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	488765	20.00	ng		0.00
76) Chrysene-d12	14.04	240	309815	20.00	ng		-0.01
87) Perylene-d12	15.53	264	343783	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	658844	95.90	ng		0.00
7) Phenol-d6	6.48	99	839375	98.49	ng		0.00
23) Nitrobenzene-d5	7.41	82	508025	61.63	ng		-0.01
42) 2,4,6-Tribromophenol	10.69	330	296810	95.24	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1070893	64.78	ng		0.00
79) Terphenyl-d14	12.98	244	1290615	69.11	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.49	94	32591	3.402	ng		92
19) n-Nitroso-di-n-propylamine	7.41	70	67123	12.785	ng	#	76
25) Isophorone	7.41	82	508022	35.360	ng	#	62
32) Benzoic acid	7.95	122	121	5.698	ng	#	1
50) Dimethylphthalate	9.61	163	58824	3.105	ng		99
51) 2,6-Dinitrotoluene	9.89	165	33500	8.203	ng	#	27
57) 2,4-Dinitrotoluene	9.89	165	33500	6.139	ng	#	30
67) 4-Bromophenyl-phenylether	10.69	248	18312	3.201	ng	#	1
71) Phenanthrene	11.41	178	257710	9.672	ng		98
75) Fluoranthene	12.61	202	534606	19.881	ng		99
77) Benzidine	12.98	184	17563	2.069	ng	#	96
78) Pyrene	12.84	202	468047	18.500	ng		99
81) Benzo(a)anthracene	14.03	228	251084	11.578	ng		94
83) Chrysene	14.07	228	230255	11.089	ng		98
86) Indeno(1,2,3-cd)pyrene	17.02	276	117572	6.645	ng		93
88) Benzo(b)fluoranthene	15.09	252	365831	16.031	ng		98
89) Benzo(k)fluoranthene	15.09	252	365831	16.696	ng		99
90) Benzo(a)pyrene	15.46	252	189892	9.446	ng		98
91) Dibenzo(a,h)anthracene	17.03	278	34993	2.006	ng	#	85
92) Benzo(g,h,i)perylene	17.47	276	98249	5.830	ng		99

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

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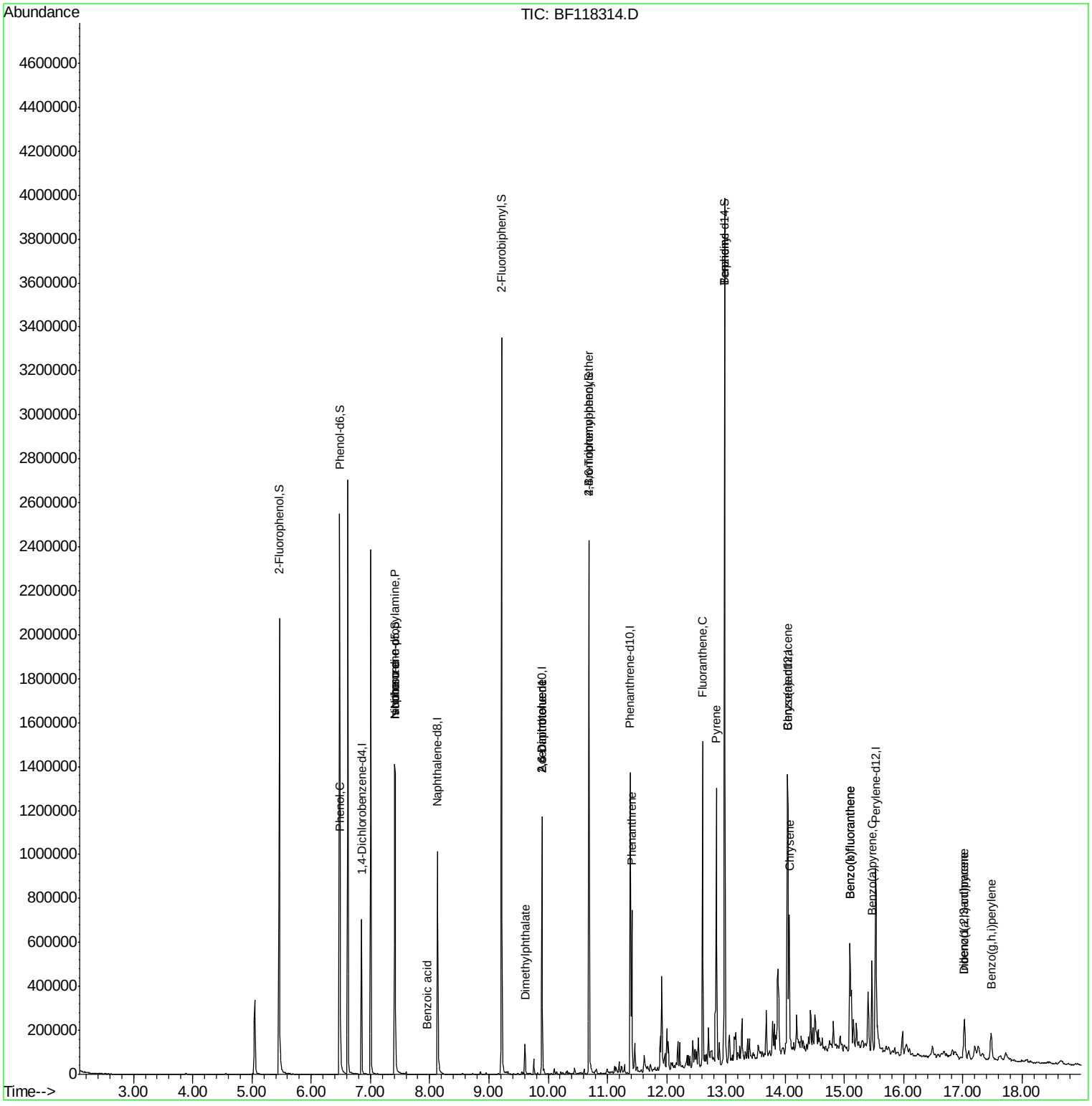
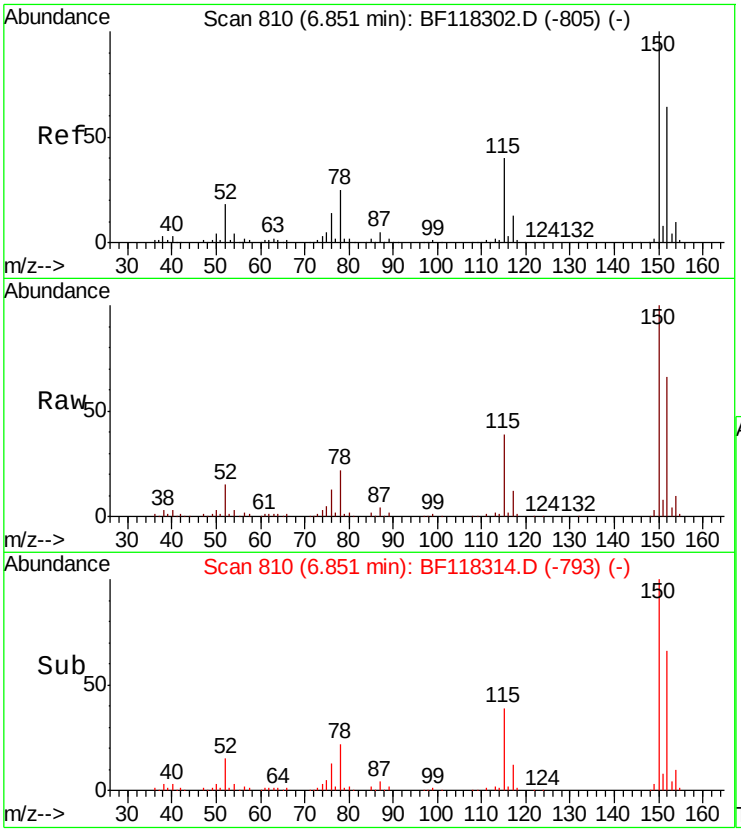


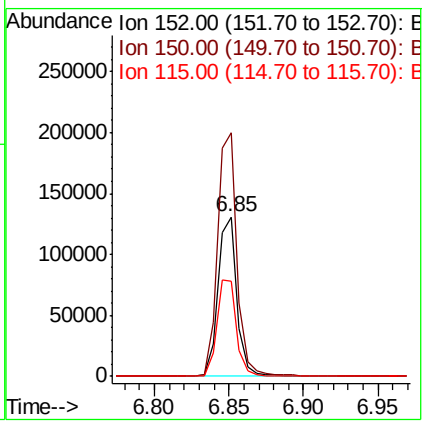


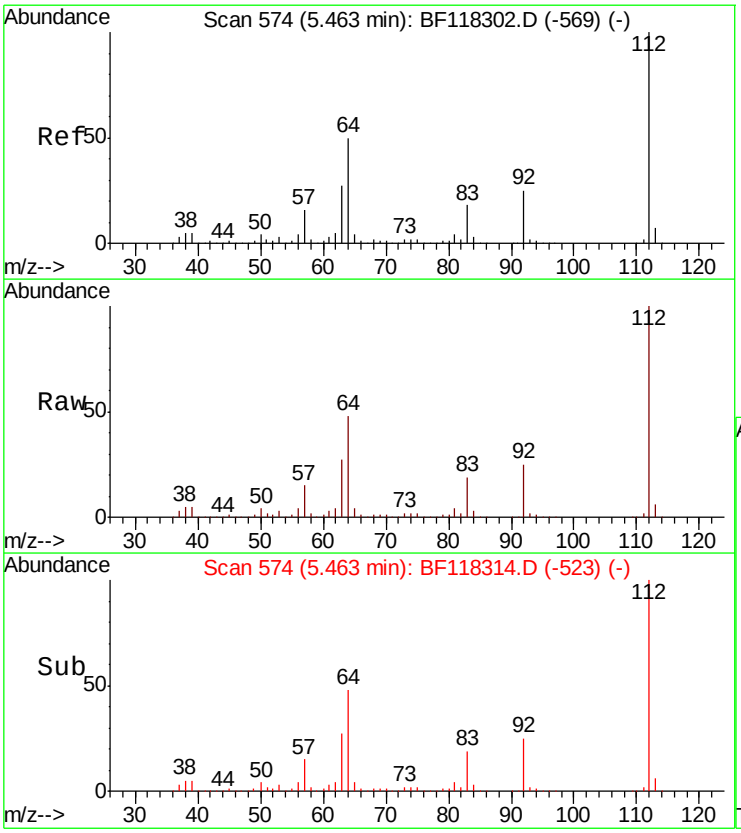
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118314.D
Acq: 26 Dec 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 117270

Ion	Ratio	Lower	Upper
152	100		
150	152.5	125.4	188.2
115	59.4	50.2	75.4

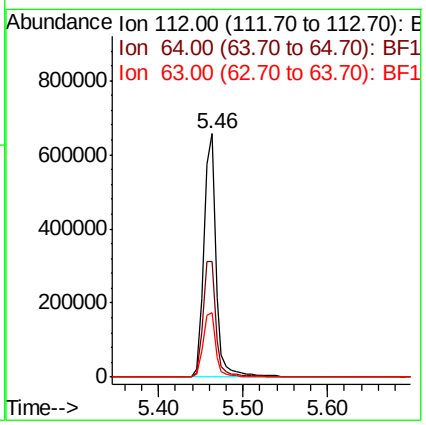


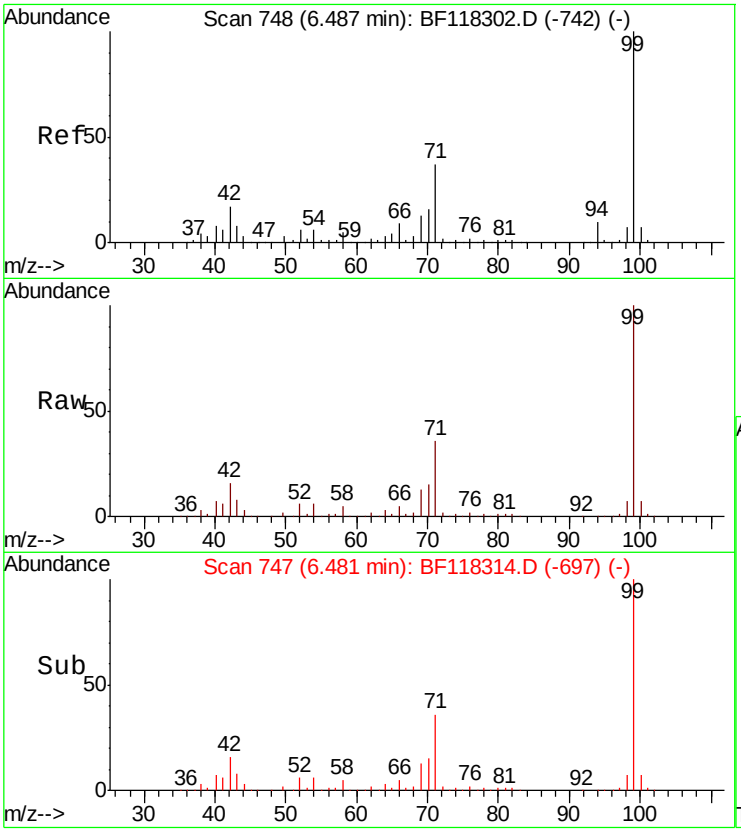


#5
2-Fluorophenol
Concen: 95.902 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF118314.D
Acq: 26 Dec 2019 14:08

Tgt Ion:112 Resp: 658844

Ion	Ratio	Lower	Upper
112	100		
64	47.7	39.7	59.5
63	26.7	21.7	32.5



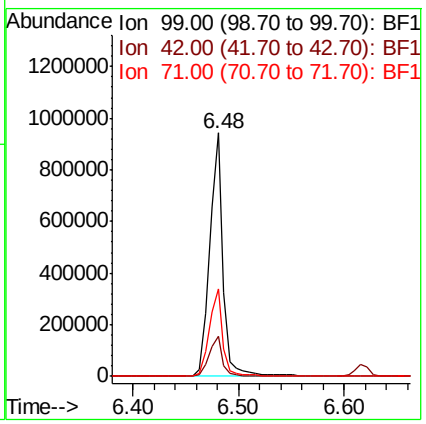


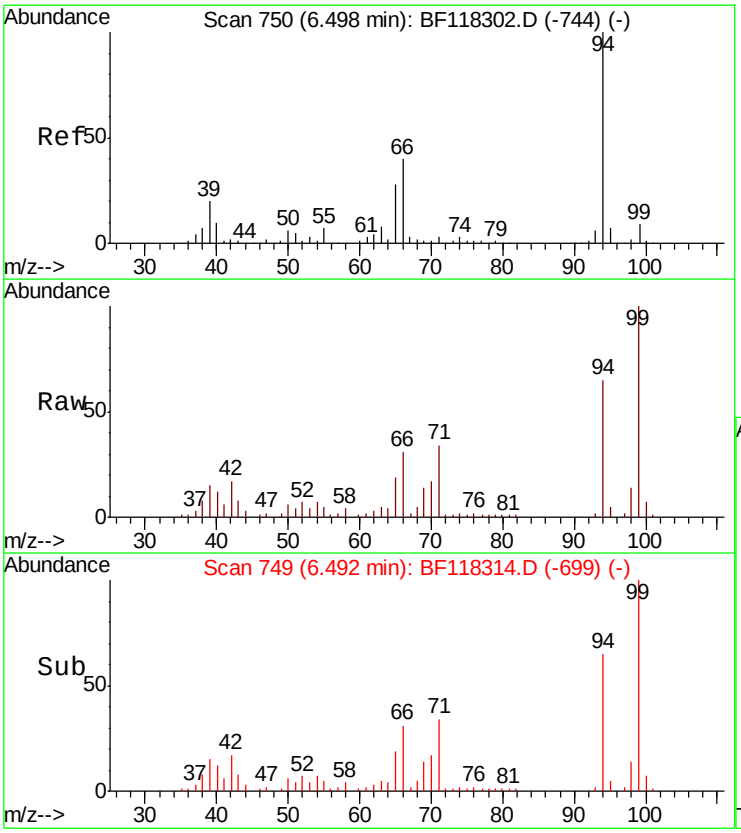
#7
Phenol-d6
Concen: 98.490 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF118314.D
Acq: 26 Dec 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 839375

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	35.7	29.4	44.2

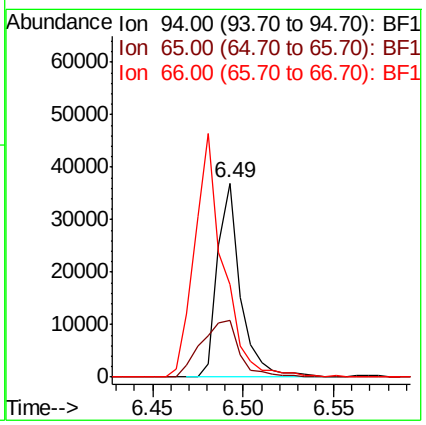


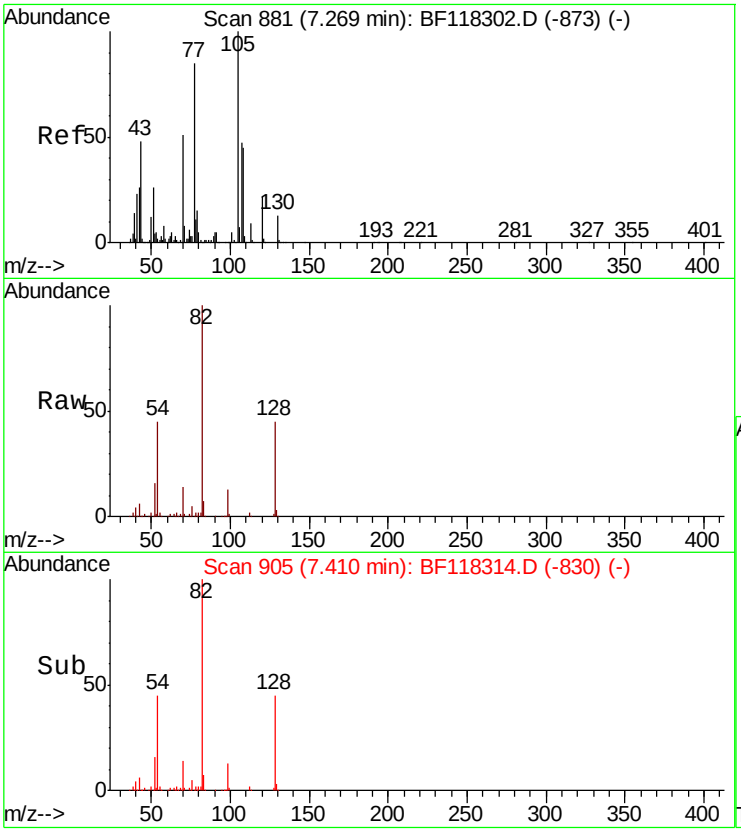


#10
Phenol
Concen: 3.402 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF118314.D
Acq: 26 Dec 2019 14:08

Tgt Ion: 94 Resp: 32591

Ion	Ratio	Lower	Upper
94	100		
65	29.1	7.8	47.8
66	47.6	20.4	60.4



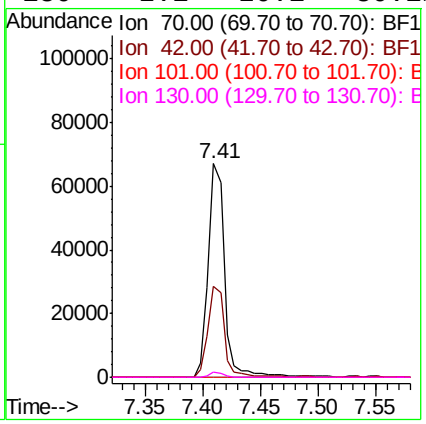


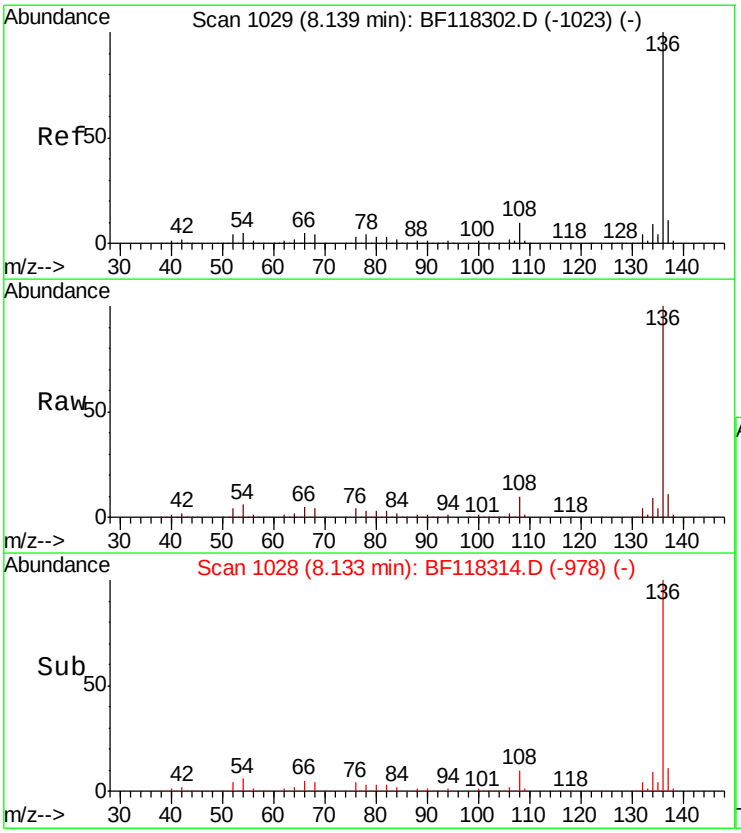
#19
n-Nitroso-di-n-propylamine
Concen: 12.785 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF118314.D
Acq: 26 Dec 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 67123

Ion	Ratio	Lower	Upper
70	100		
42	42.5	41.1	61.7
101	0.0	8.3	12.5#
130	2.1	20.1	30.1#

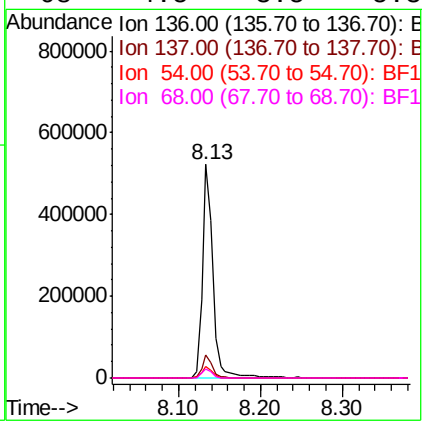


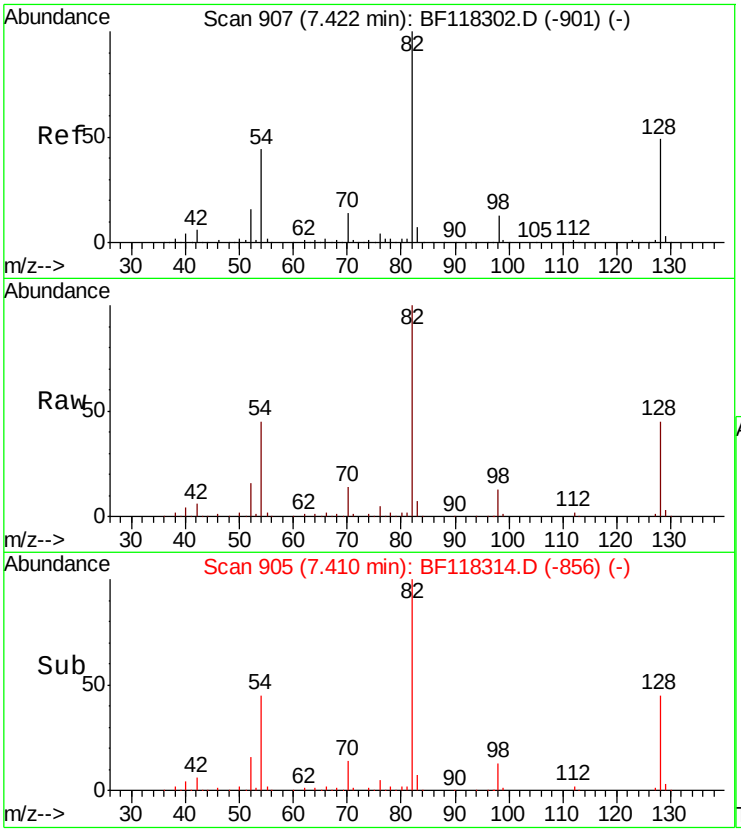


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118314.D
Acq: 26 Dec 2019 14:08

Tgt Ion:136 Resp: 471500

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	5.5	4.2	6.4
68	4.5	3.5	5.3



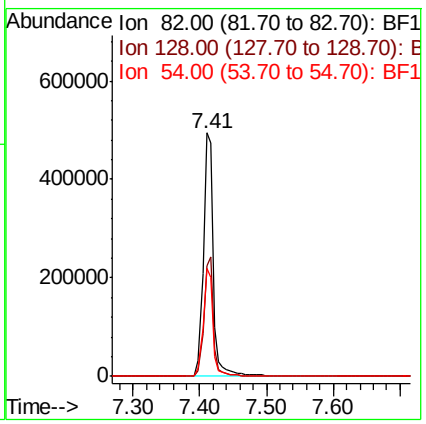


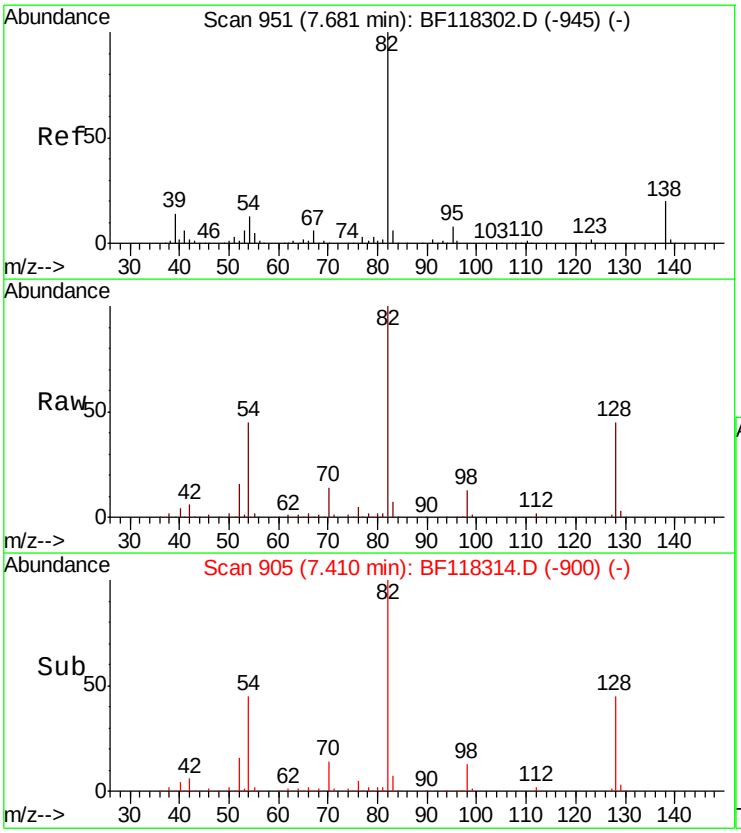
#23
Nitrobenzene-d5
Concen: 61.626 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF118314.D
Acq: 26 Dec 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 508025

Ion	Ratio	Lower	Upper
82	100		
128	45.3	39.6	59.4
54	44.5	34.9	52.3

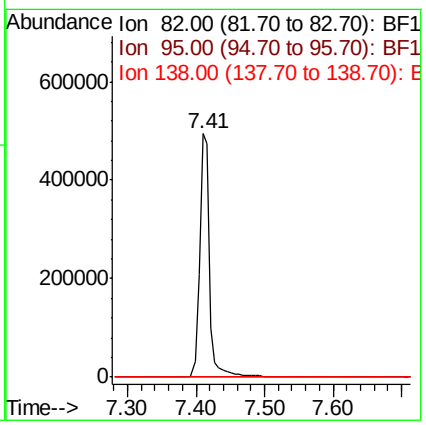


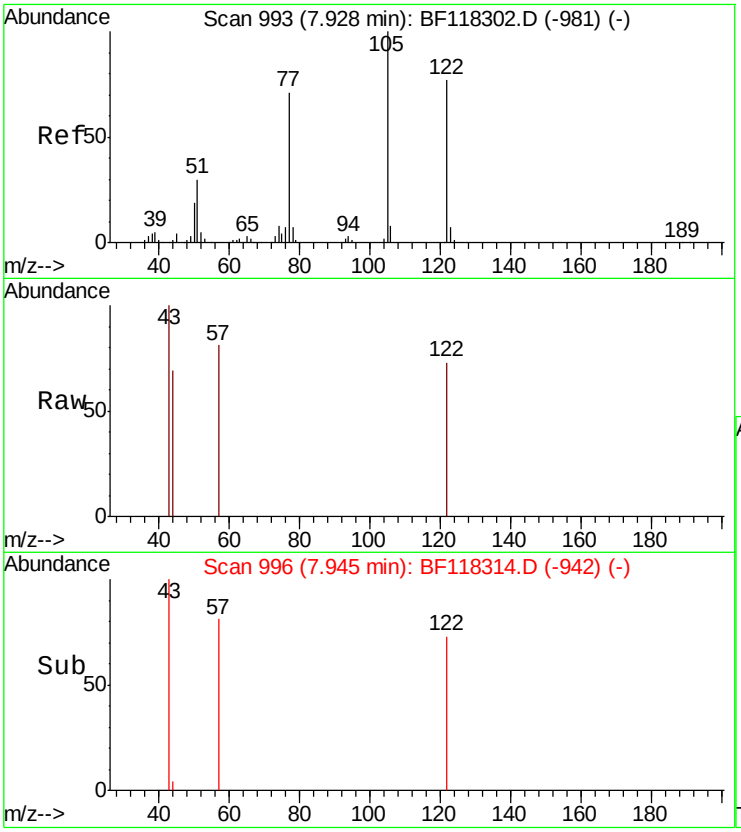


#25
Isophorone
Concen: 35.360 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.27 min
Lab File: BF118314.D
Acq: 26 Dec 2019 14:08

Tgt Ion: 82 Resp: 508022

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.3	9.5#
138	0.0	16.2	24.2#



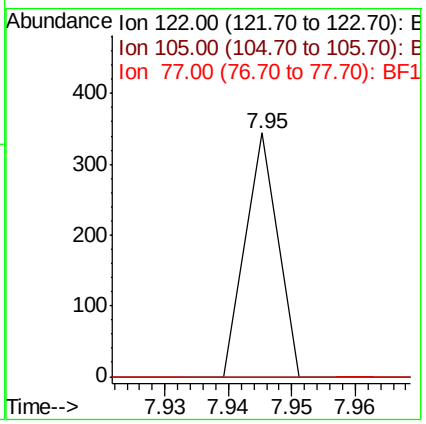


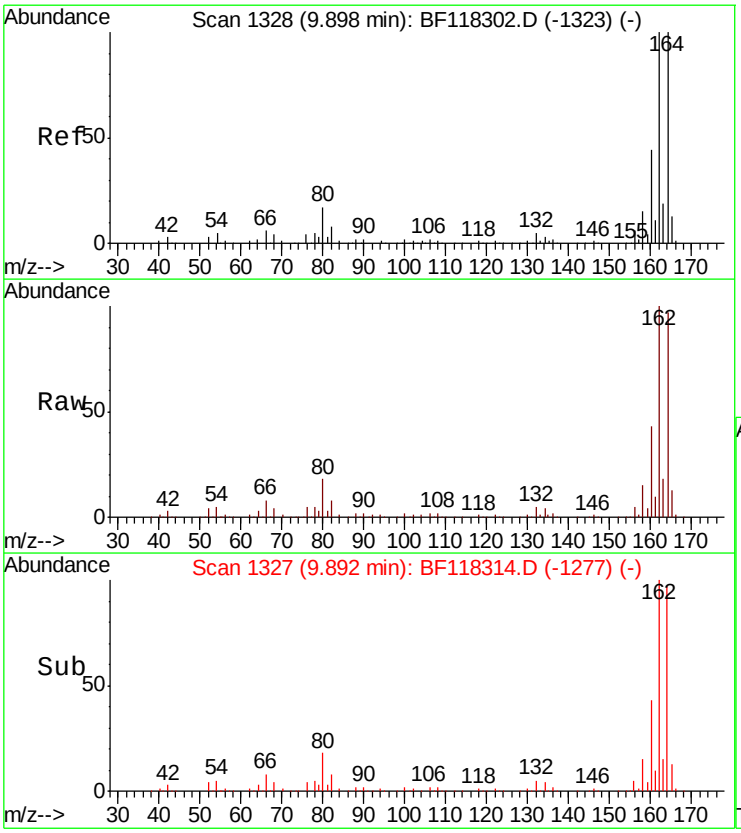
#32
Benzoic acid
Concen: 5.698 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.02 min
Lab File: BF118314.D
Acq: 26 Dec 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 121

Ion	Ratio	Lower	Upper
122	100		
105	0.0	106.8	146.8#
77	0.0	70.4	110.4#

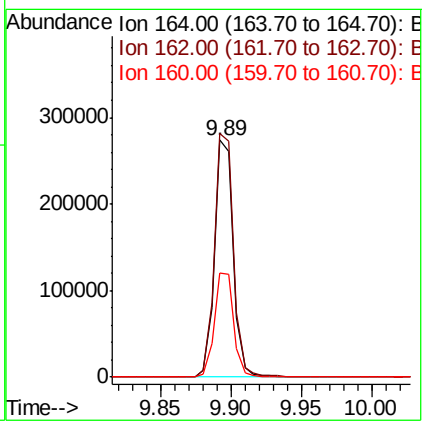


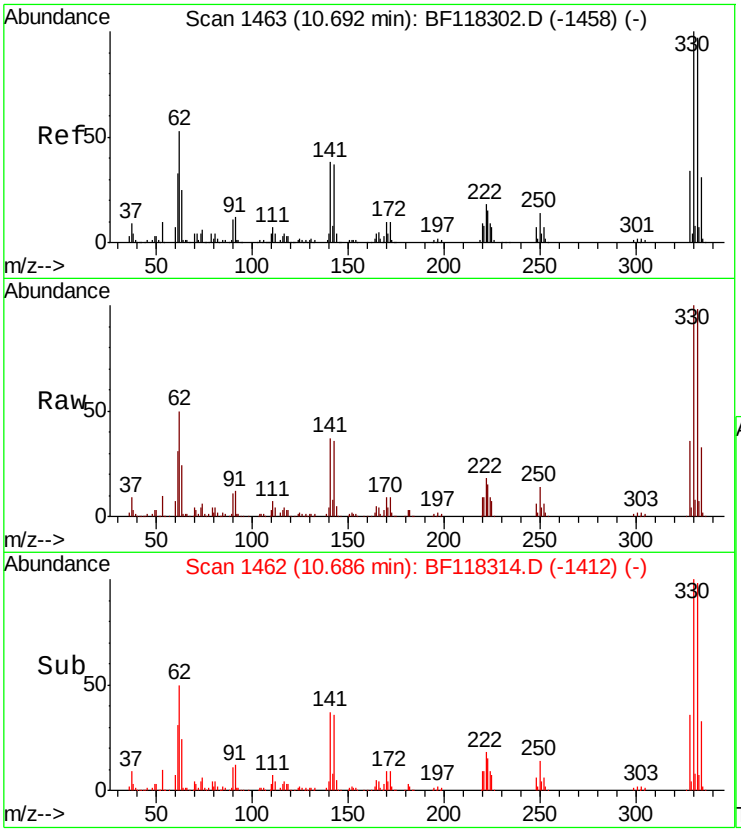


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF118314.D
Acq: 26 Dec 2019 14:08

Tgt Ion:164 Resp: 252361

Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.0	120.0
160	44.1	34.8	52.2



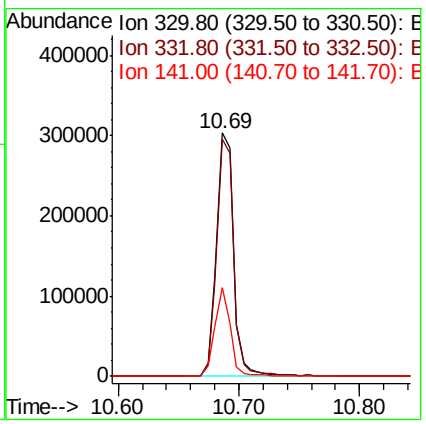


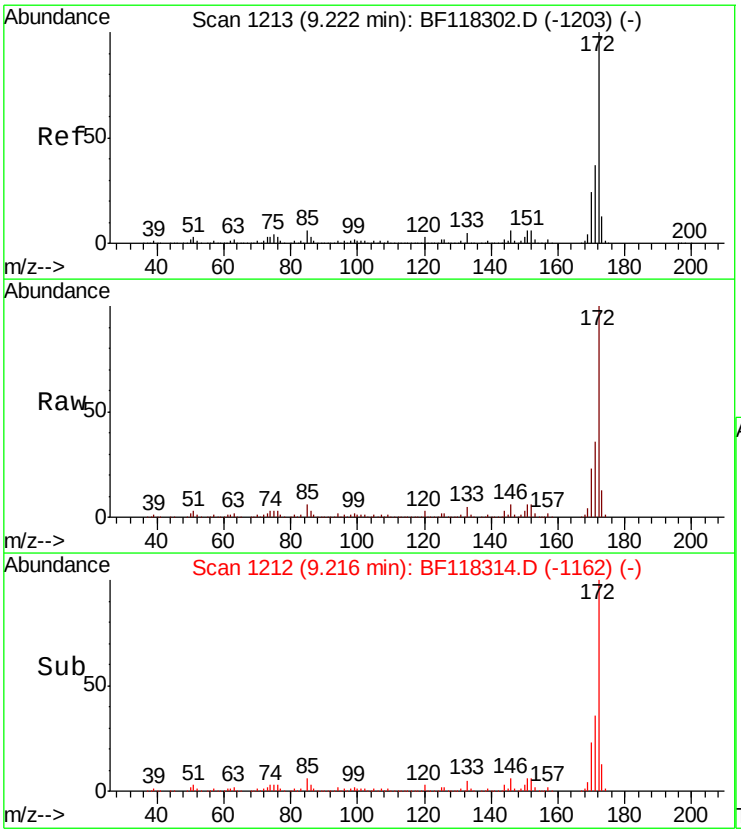
#42
2,4,6-Tribromophenol
Concen: 95.239 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF118314.D
Acq: 26 Dec 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 296810

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	114.8
141	33.1	26.0	39.0

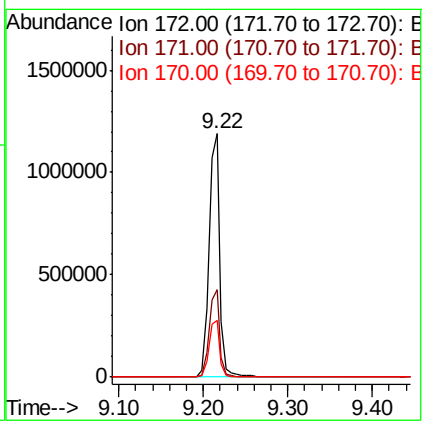


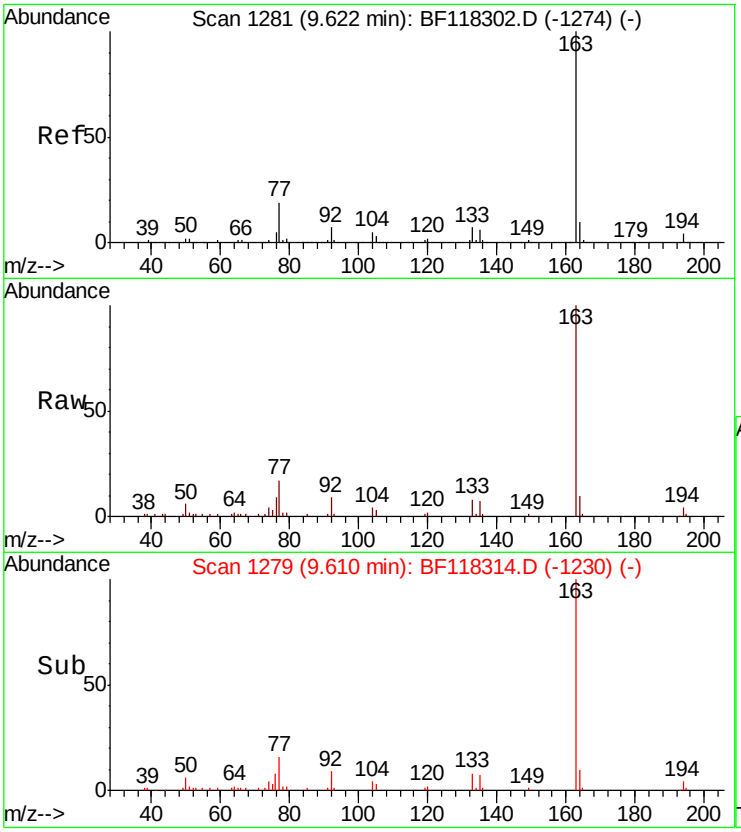


#45
2-Fluorobiphenyl
Concen: 64.776 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118314.D
Acq: 26 Dec 2019 14:08

Tgt Ion:172 Resp: 1070893

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.3	43.9
170	23.3	19.2	28.8



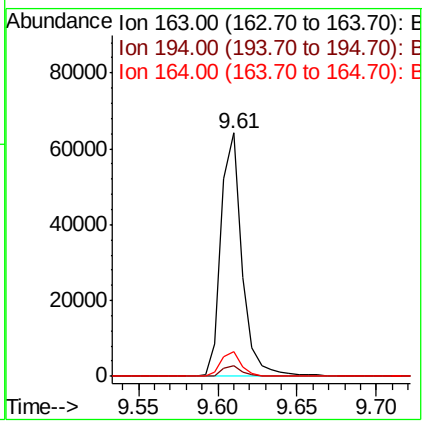


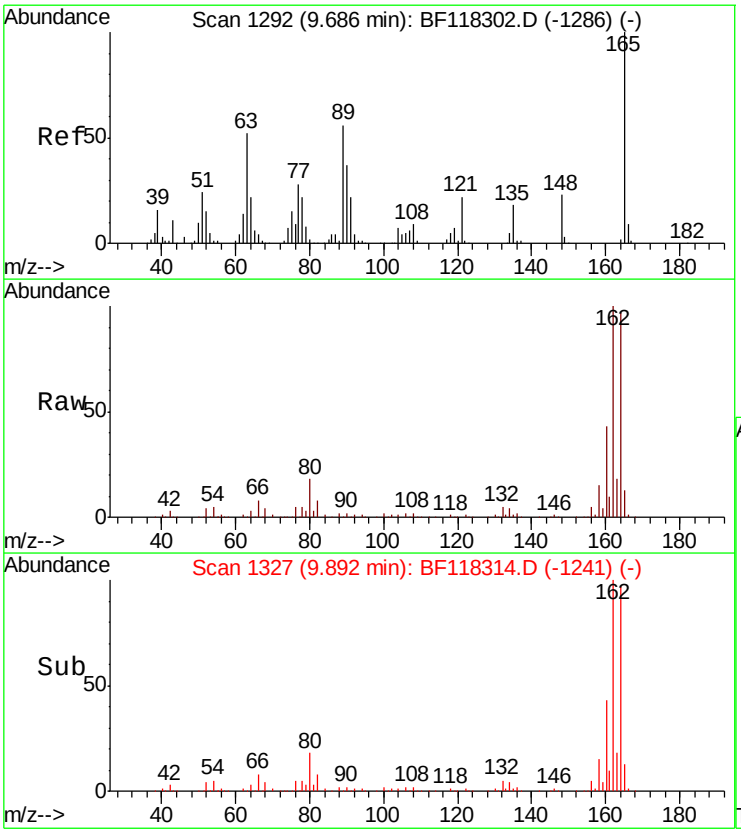
#50
Dimethylphthalate
Concen: 3.105 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118314.D
Acq: 26 Dec 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 58824

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.2	7.9	11.9

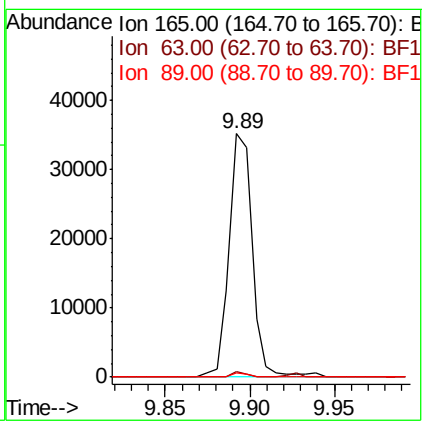


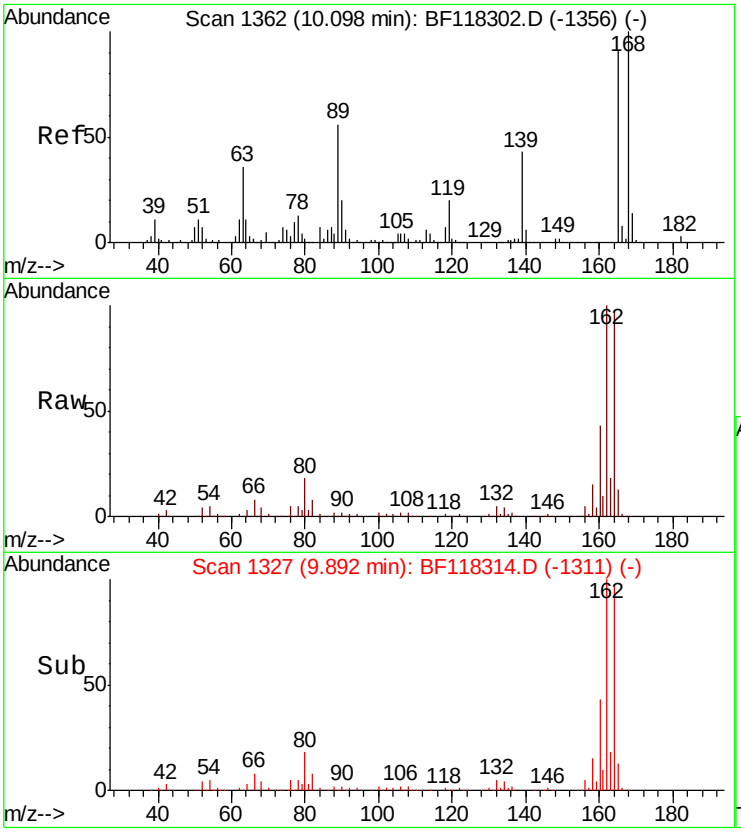


#51
2,6-Dinitrotoluene
Concen: 8.203 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF118314.D
Acq: 26 Dec 2019 14:08

Tgt Ion:165 Resp: 33500

Ion	Ratio	Lower	Upper
165	100		
63	2.3	42.2	63.4#
89	1.7	44.4	66.6#



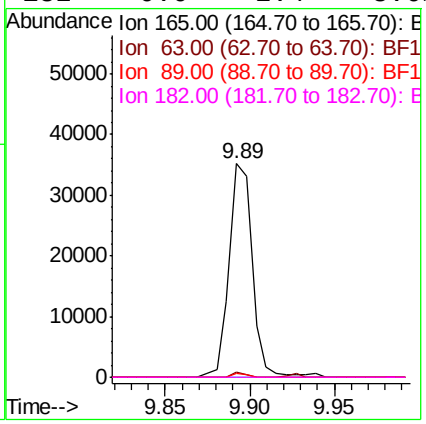


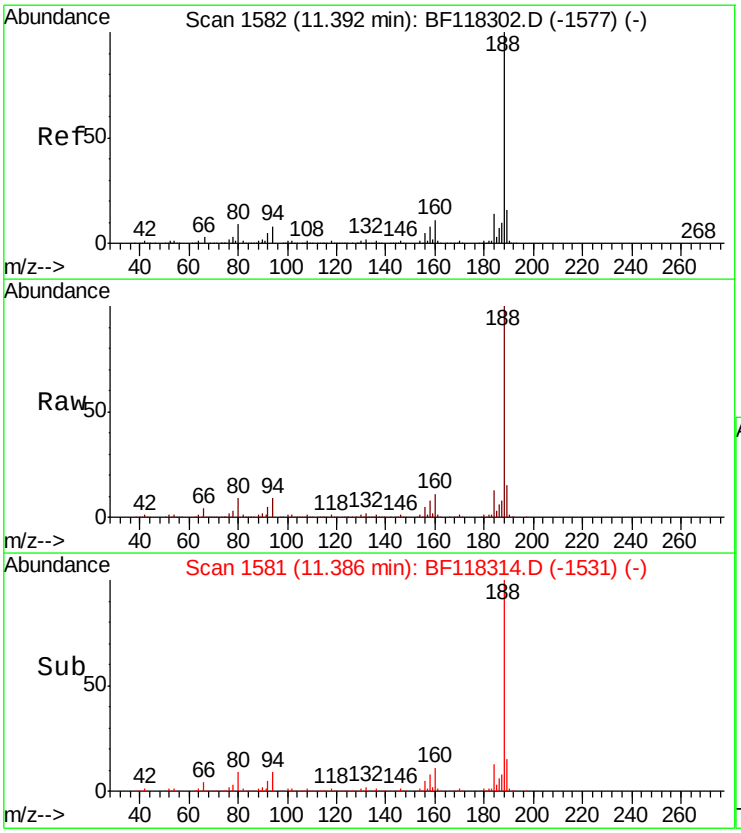
#57
2,4-Dinitrotoluene
Concen: 6.139 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.21 min
Lab File: BF118314.D
Acq: 26 Dec 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 33500

Ion	Ratio	Lower	Upper
165	100		
63	2.3	32.0	48.0#
89	1.7	49.3	73.9#
182	0.0	2.4	3.6#

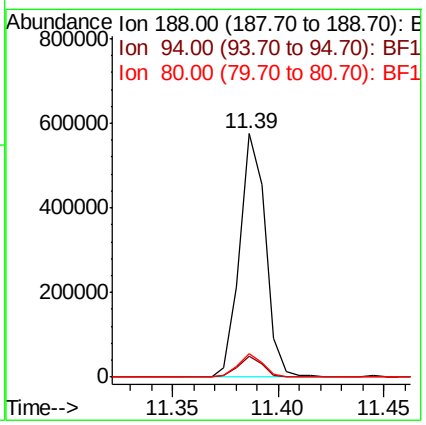


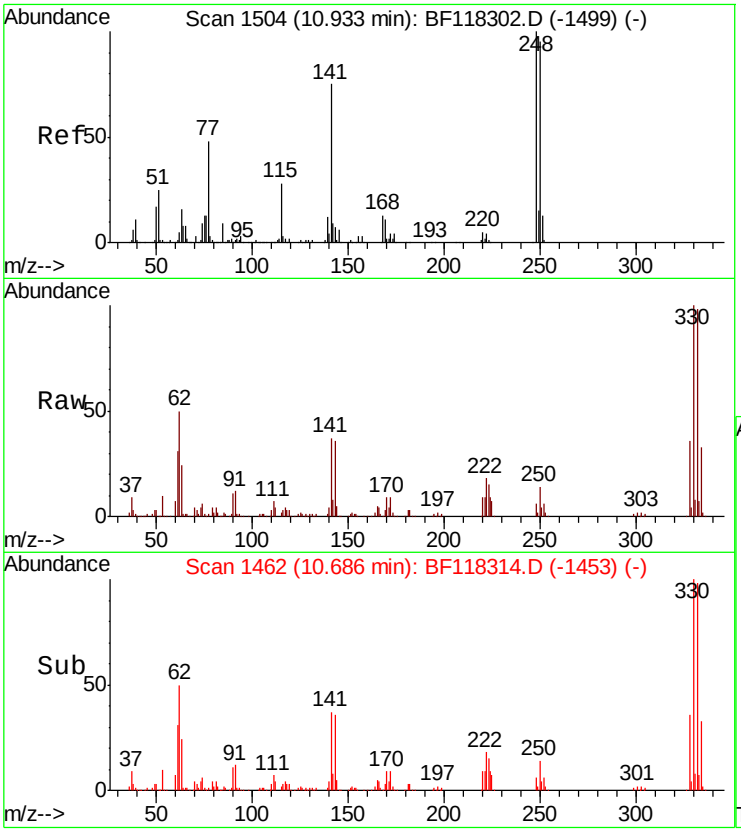


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF118314.D
Acq: 26 Dec 2019 14:08

Tgt Ion:188 Resp: 488765

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.7	10.1
80	9.4	7.2	10.8



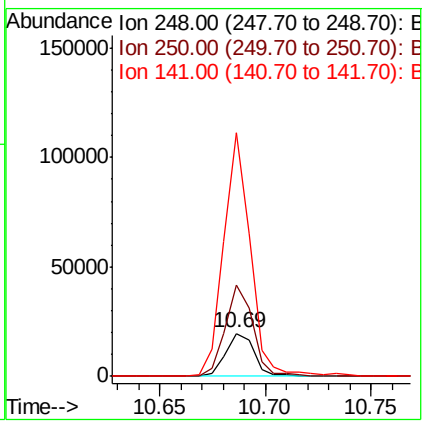


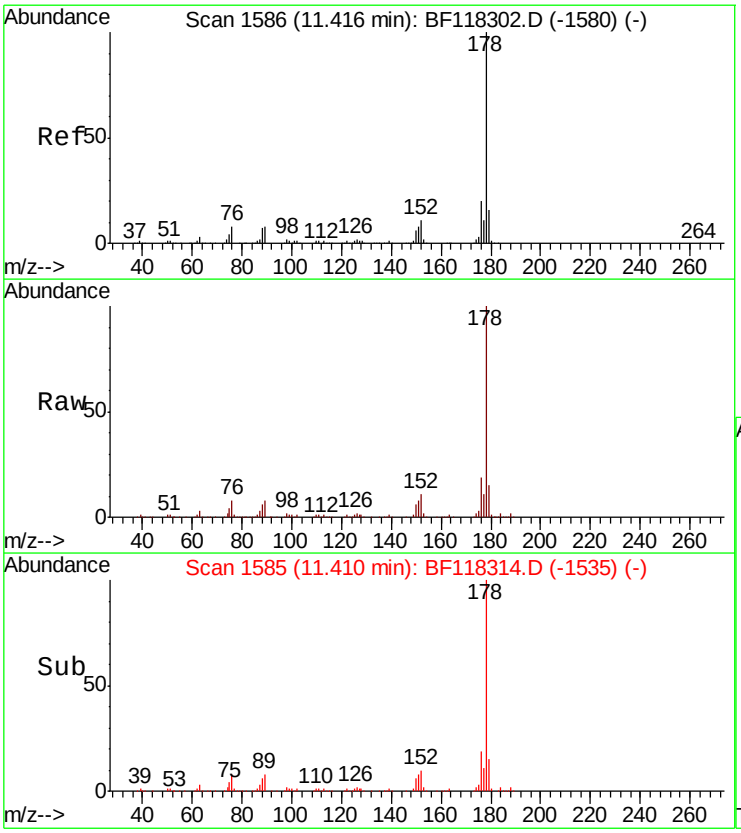
#67
4-Bromophenyl-phenylether
Concen: 3.201 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.25 min
Lab File: BF118314.D
Acq: 26 Dec 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 18312

Ion	Ratio	Lower	Upper
248	100		
250	213.2	76.4	114.6#
141	568.0	60.2	90.2#

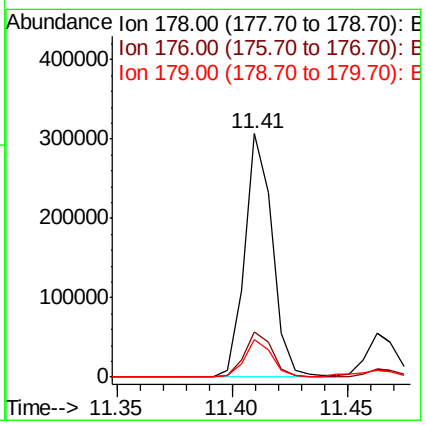


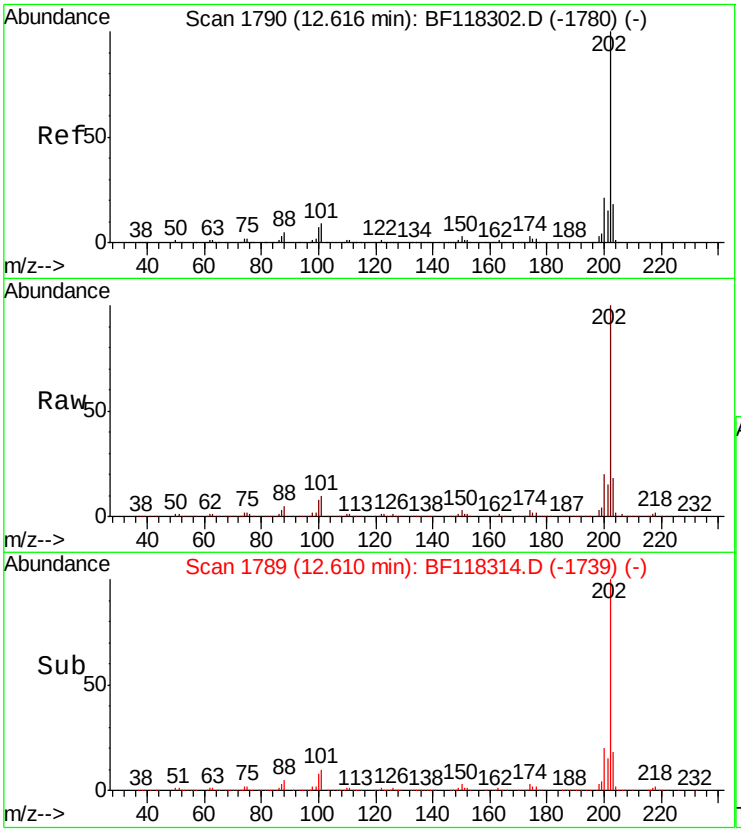


#71
Phenanthrene
Concen: 9.672 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118314.D
Acq: 26 Dec 2019 14:08

Tgt Ion:178 Resp: 257710

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.6	23.4
179	15.3	12.6	19.0



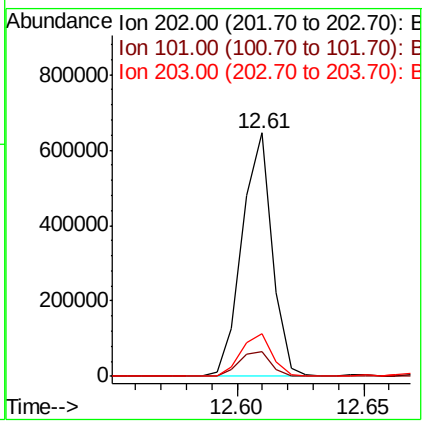


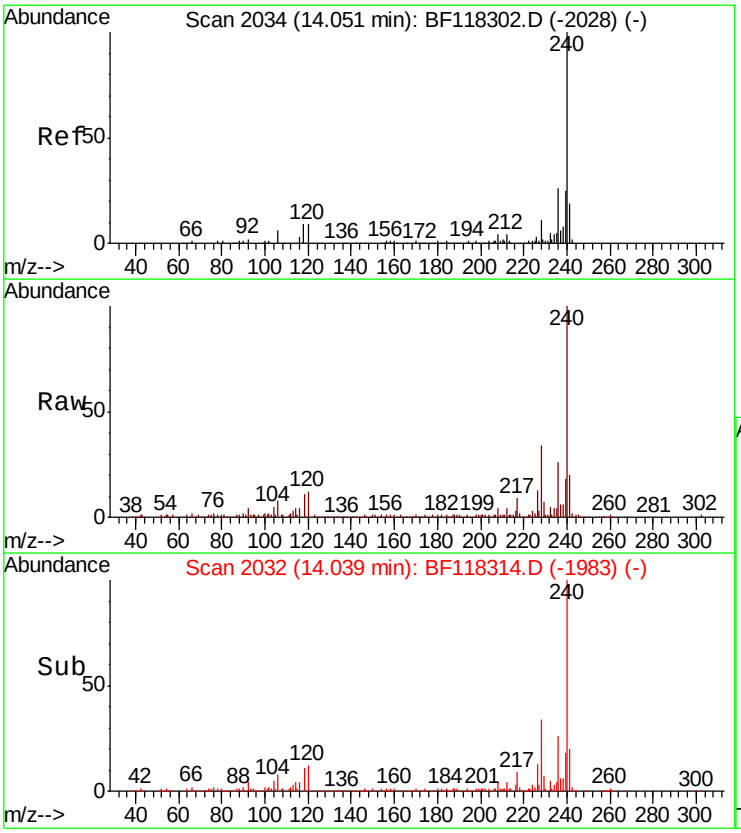
#75
Fluoranthene
Concen: 19.881 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF118314.D
Acq: 26 Dec 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 534606

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	29.5
203	17.5	0.0	37.6

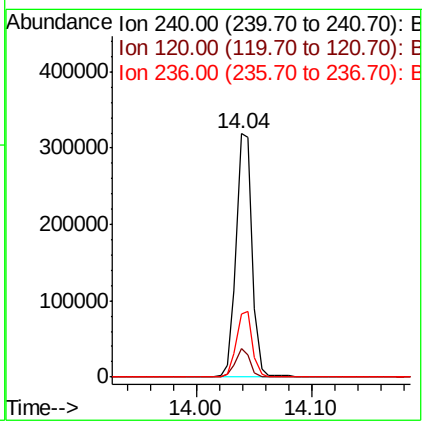


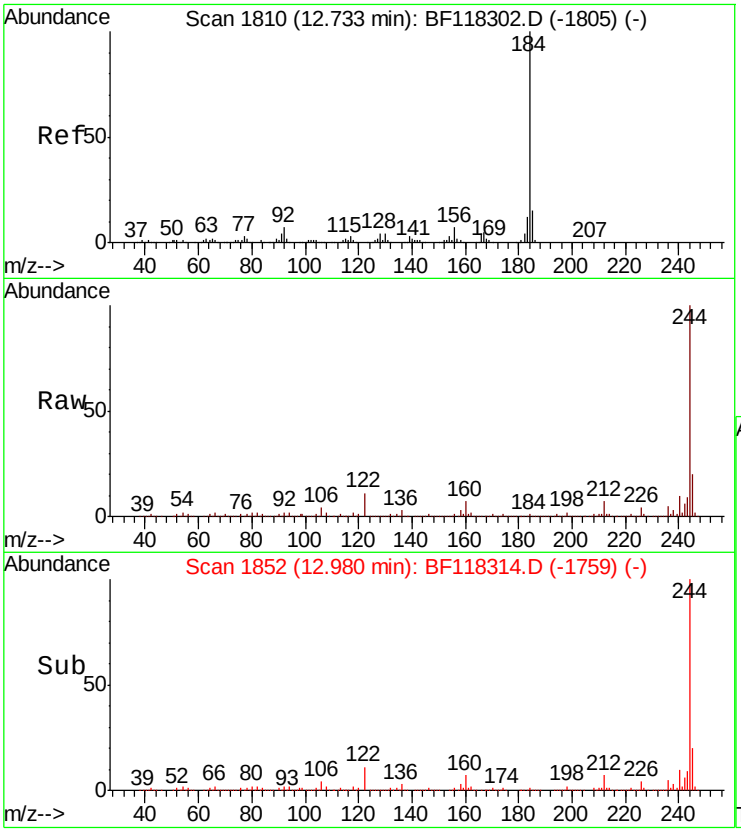


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF118314.D
Acq: 26 Dec 2019 14:08

Tgt Ion:240 Resp: 309815

Ion	Ratio	Lower	Upper
240	100		
120	11.7	7.1	10.7#
236	26.2	21.0	31.6



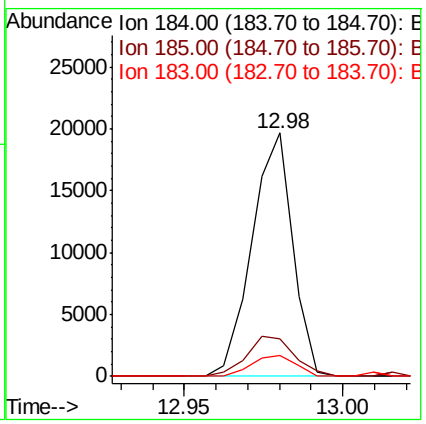


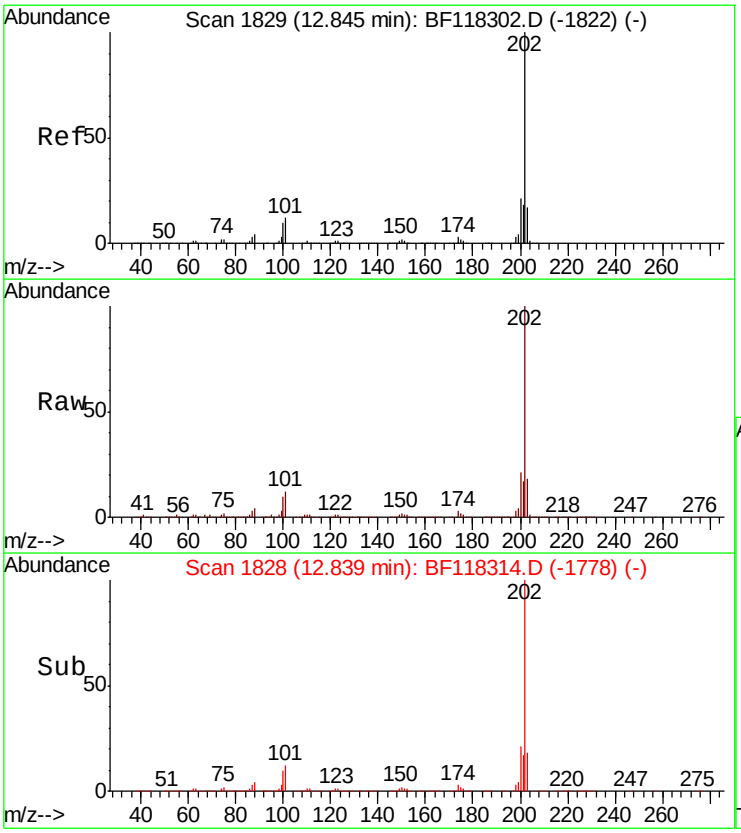
#77
Benzidine
Concen: 2.069 ng
RT: 12.98 min Scan# 1852
Delta R.T. 0.25 min
Lab File: BF118314.D
Acq: 26 Dec 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 17563

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.3	18.5
183	8.5	9.4	14.2#

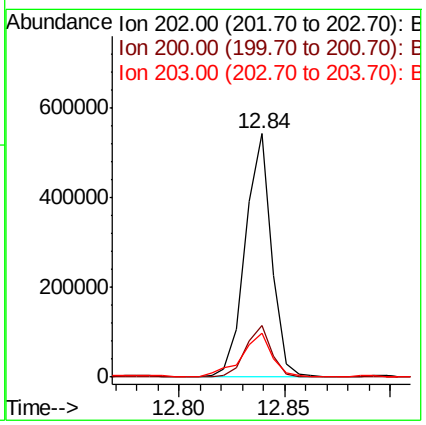


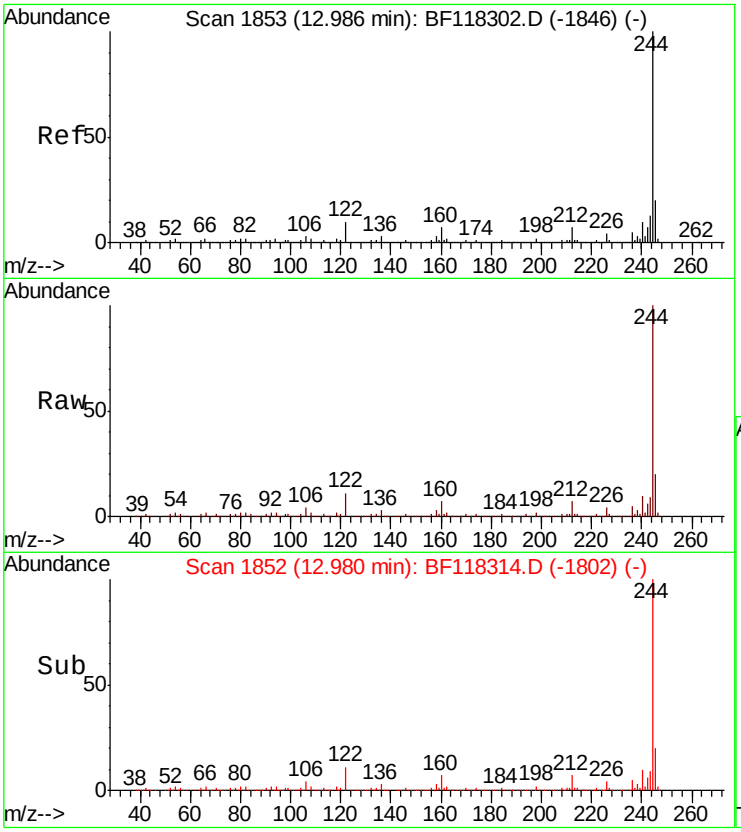


#78
Pyrene
Concen: 18.500 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF118314.D
Acq: 26 Dec 2019 14:08

Tgt Ion:202 Resp: 468047

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	18.0	13.9	20.9



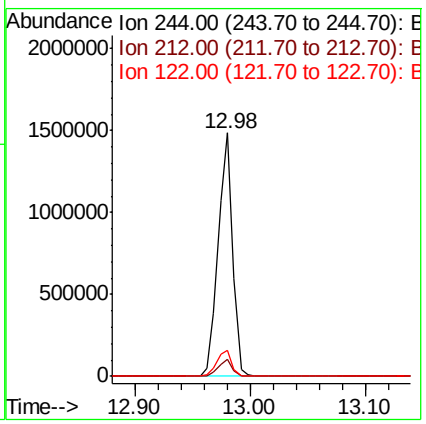


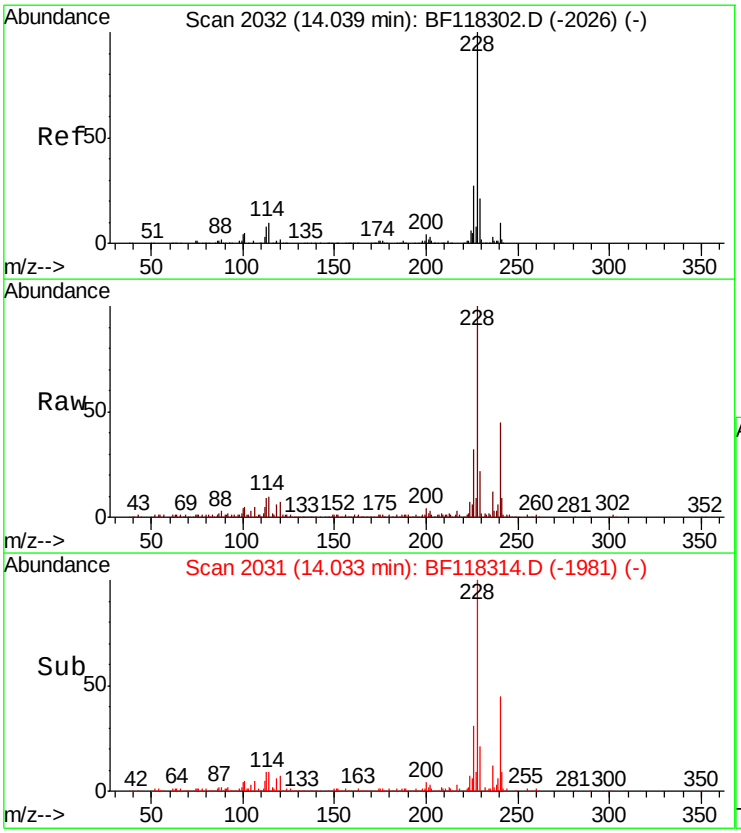
#79
Terphenyl-d14
Concen: 69.111 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF118314.D
Acq: 26 Dec 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1290615

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	10.8	7.8	11.8

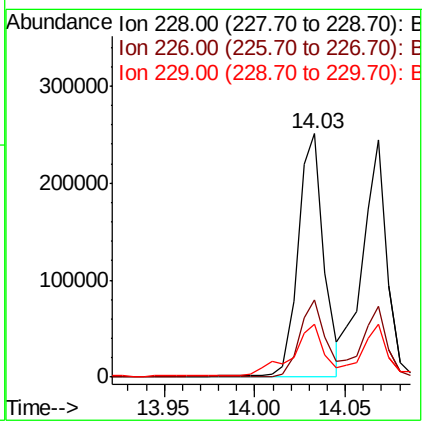


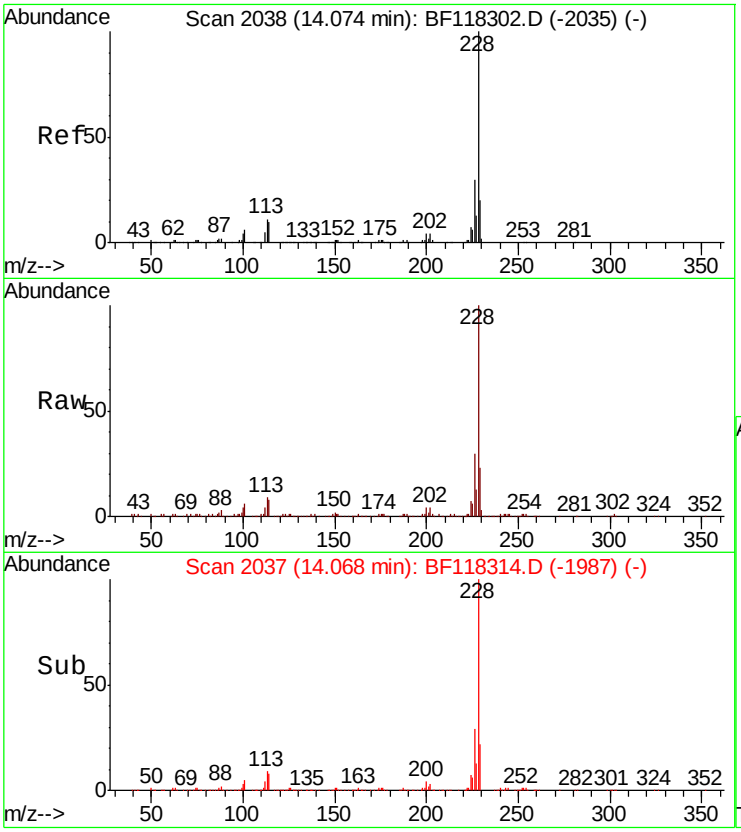


#81
Benzo(a)anthracene
Concen: 11.578 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118314.D
Acq: 26 Dec 2019 14:08

Tgt Ion:228 Resp: 251084

Ion	Ratio	Lower	Upper
228	100		
226	31.8	22.0	33.0
229	21.8	16.6	24.8



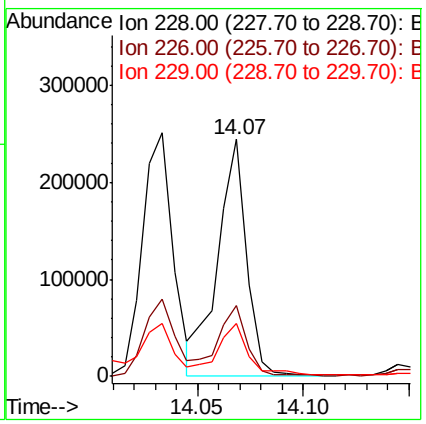


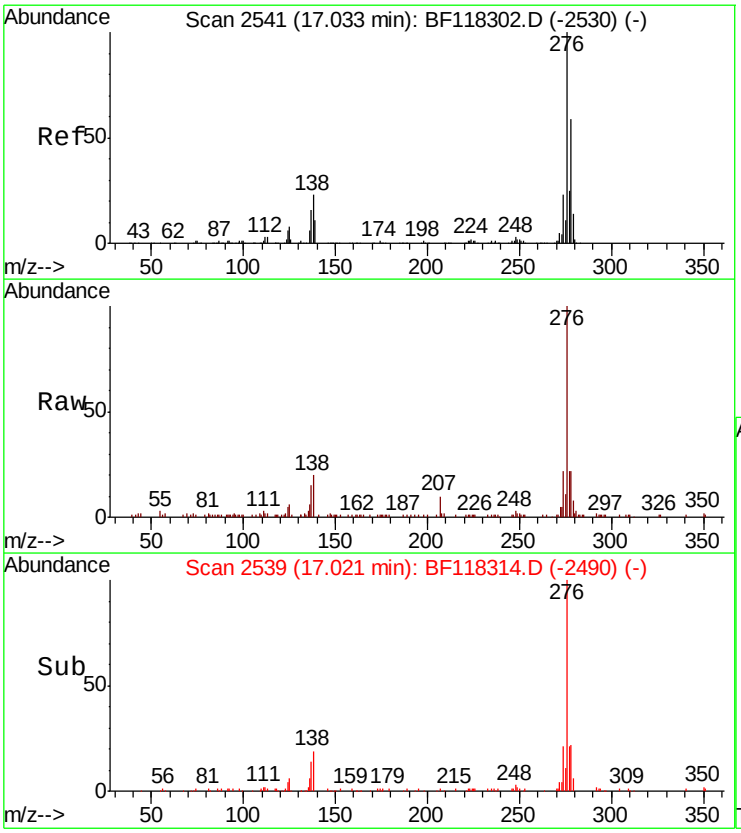
#83
Chrysene
Concen: 11.089 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118314.D
Acq: 26 Dec 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 230255

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.9	35.9
229	22.6	16.1	24.1

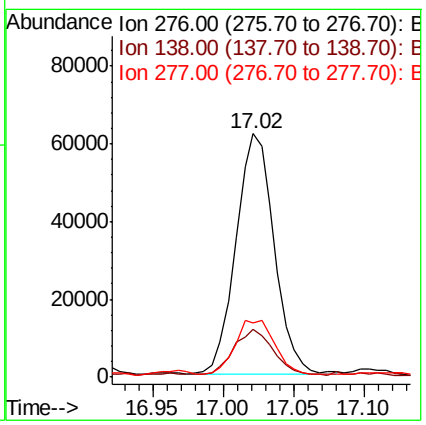


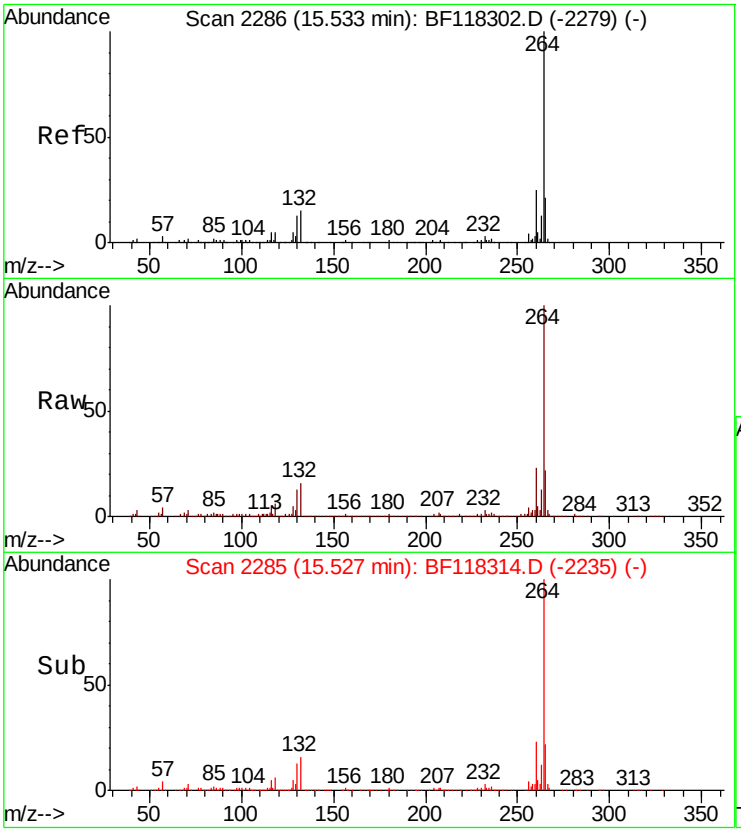


#86
Indeno(1,2,3-cd)pyrene
Concen: 6.645 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BF118314.D
Acq: 26 Dec 2019 14:08

Tgt Ion:276 Resp: 117572

Ion	Ratio	Lower	Upper
276	100		
138	19.6	19.5	29.3
277	23.5	20.6	30.8



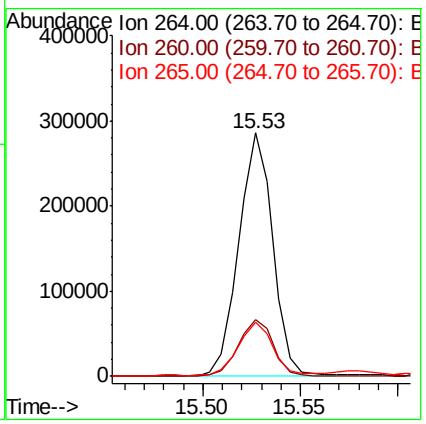


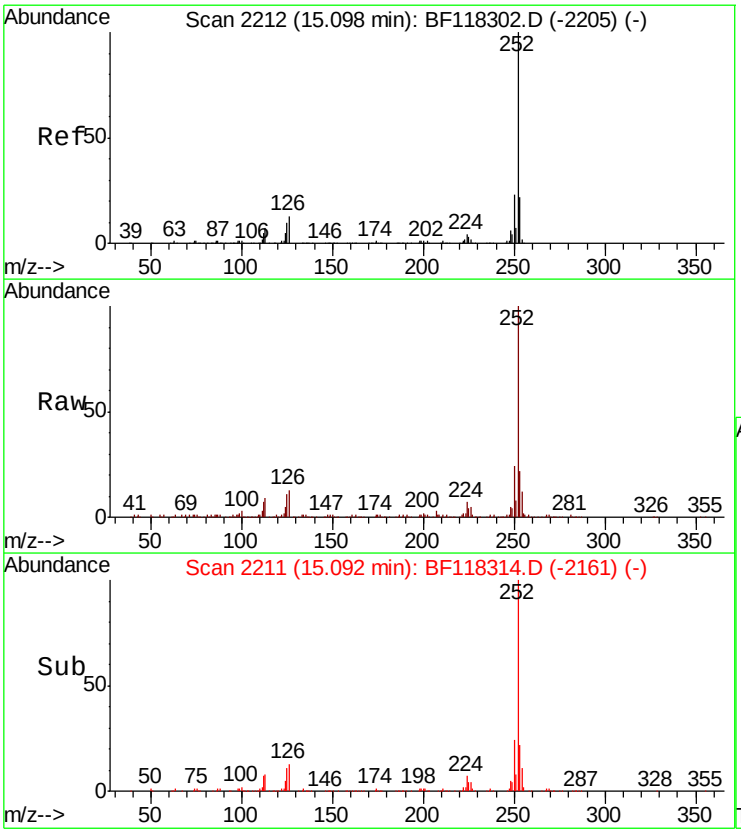
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BF118314.D
Acq: 26 Dec 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 343783

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.8	29.6
265	22.1	17.0	25.4

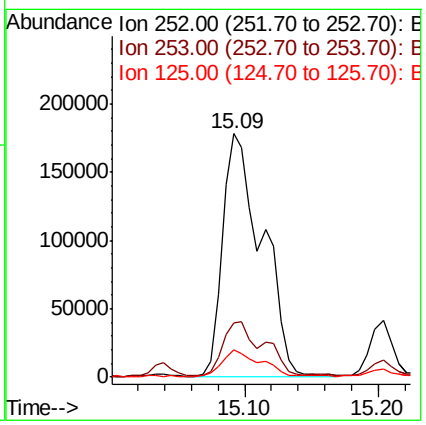


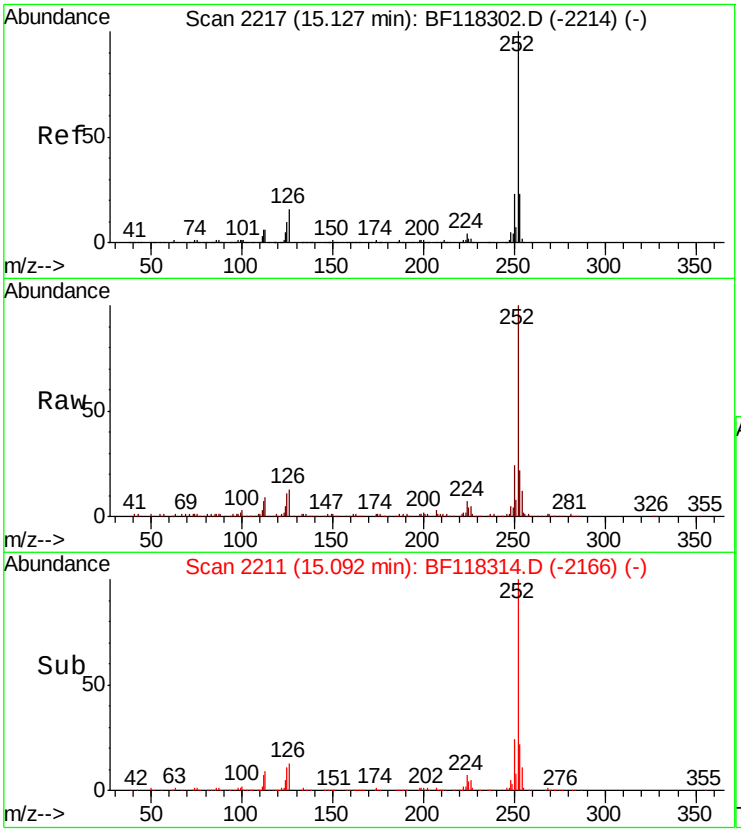


#88
Benzo(b)fluoranthene
Concen: 16.031 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF118314.D
Acq: 26 Dec 2019 14:08

Tgt Ion:252 Resp: 365831

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	11.1	7.7	11.5



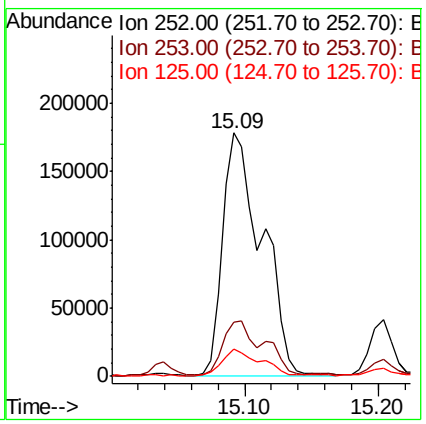


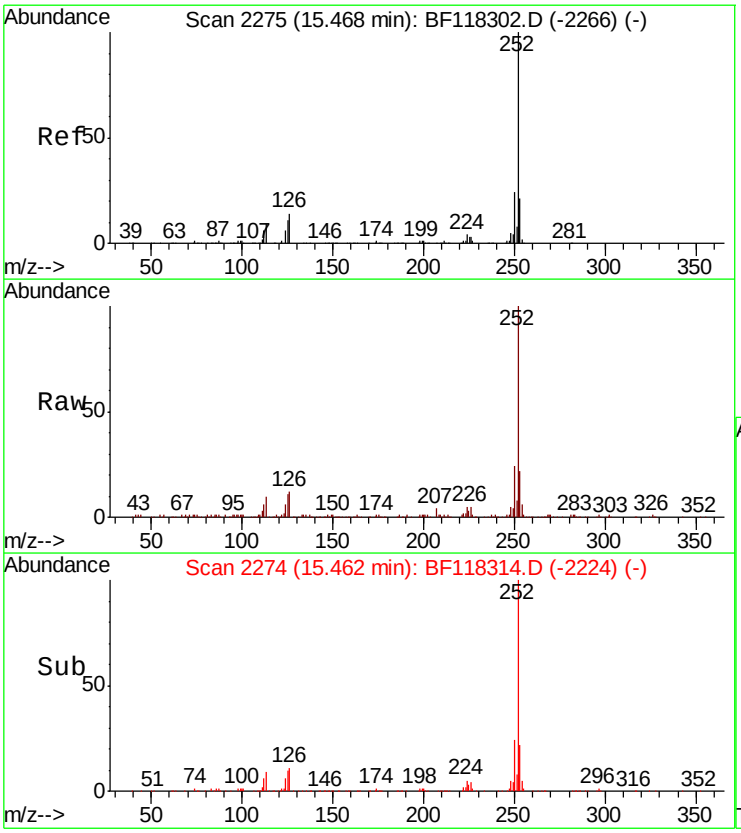
#89
Benzo(k)fluoranthene
Concen: 16.696 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.04 min
Lab File: BF118314.D
Acq: 26 Dec 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 365831

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	11.1	8.0	12.0

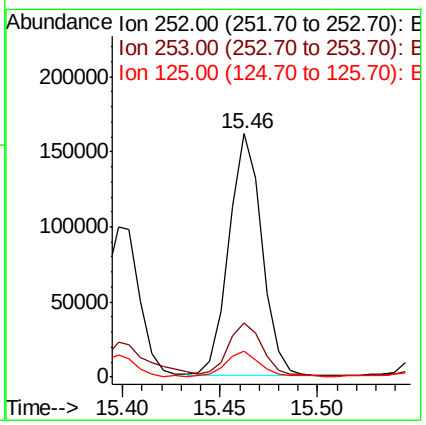


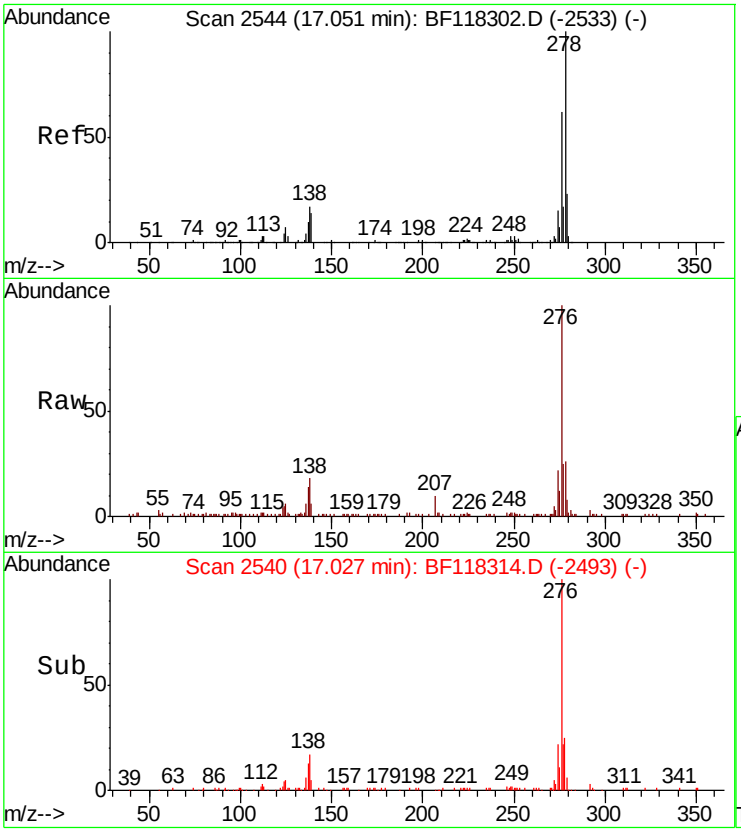


#90
Benzo(a)pyrene
Concen: 9.446 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF118314.D
Acq: 26 Dec 2019 14:08

Tgt Ion:252 Resp: 189892

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	10.6	9.0	13.4



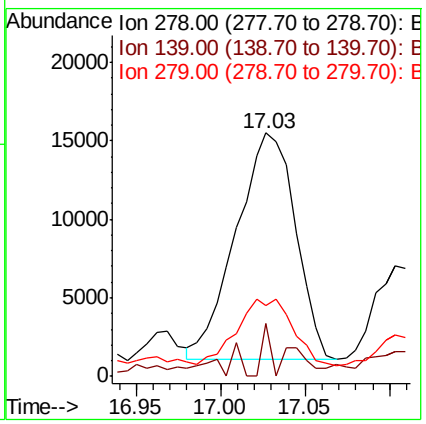


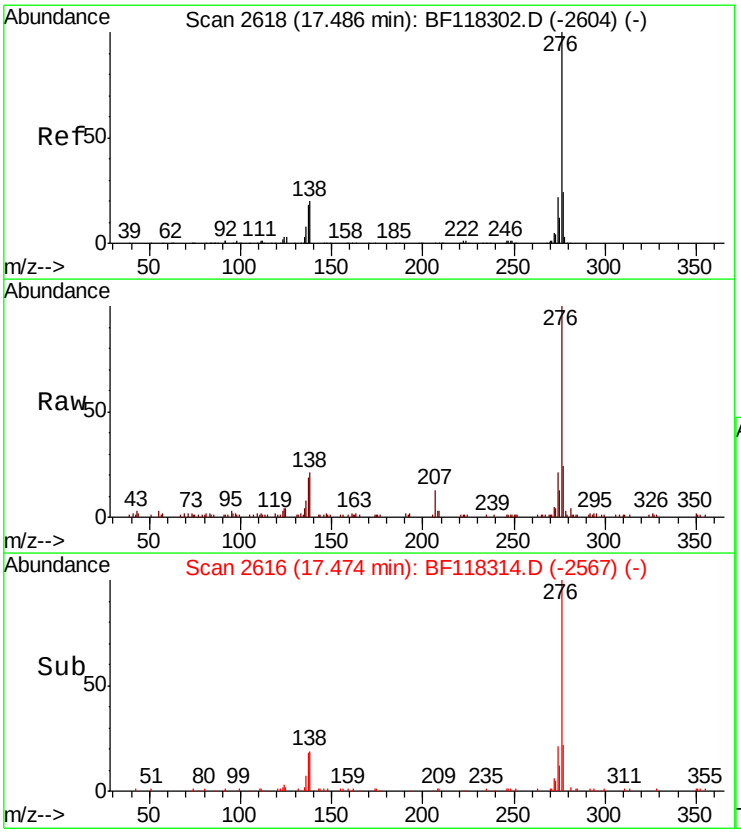
#91
Dibenzo(a,h)anthracene
Concen: 2.006 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BF118314.D
Acq: 26 Dec 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 34993

Ion	Ratio	Lower	Upper
278	100		
139	21.8	11.5	17.3#
279	29.3	18.3	27.5#





#92
Benzo(g,h,i)perylene
Concen: 5.830 ng
RT: 17.47 min Scan# 2616
Delta R.T. -0.01 min
Lab File: BF118314.D
Acq: 26 Dec 2019 14:08

Tgt Ion:276 Resp: 98249

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	21.2	16.1	24.1