Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118323.D
Acq On : 26 Dec 2019 18:23
Operator : JU
Sample : K6437-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 27 03:25:22 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	125789	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	498043	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	261470	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	462778	20.00	ng		0.00
76) Chrysene-d12	14.04	240	325798	20.00	ng		-0.01
87) Perylene-d12	15.53	264	363605	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	696821	94.56	ng		0.00
7) Phenol-d6	6.48	99	877375	95.98	ng		0.00
23) Nitrobenzene-d5	7.42	82	520316	59.75	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	285107	88.30	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1035641	60.46	ng		0.00
79) Terphenyl-d14	12.98	244	1061450	54.05	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.49	94	27652	2.691	ng		96
19) n-Nitroso-di-n-propylamine	7.42	70	71549	12.705	ng	#	76
25) Isophorone	7.42	82	520310	34.285	ng	#	62
50) Dimethylphthalate	9.61	163	46951	2.392	ng		99
51) 2,6-Dinitrotoluene	9.90	165	33534	7.925	ng	#	27
57) 2,4-Dinitrotoluene	9.90	165	33534	5.931	ng	#	31
67) 4-Bromophenyl-phenylether	10.69	248	17292	3.193	ng	#	1
71) Phenanthrene	11.42	178	205363	8.140	ng		98
72) Anthracene	11.46	178	50654	2.006	ng		99
75) Fluoranthene	12.62	202	247972	9.739	ng		99
78) Pyrene	12.84	202	210543	7.914	ng		99
81) Benzo(a)anthracene	14.03	228	111108	4.872	ng		98
83) Chrysene	14.07	228	103096	4.721	ng		96
86) Indeno(1,2,3-cd)pyrene	17.03	276	48851	2.626	ng		97
88) Benzo(b)fluoranthene	15.09	252	184592	7.648	ng	#	95
89) Benzo(k)fluoranthene	15.09	252	184592	7.965	ng		96
90) Benzo(a)pyrene	15.47	252	98476	4.632	ng		97
92) Benzo(g,h,i)perylene	17.49	276	46668	2.618	ng	#	93

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

Quantitation Report (Not Reviewed)

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Data File : BF118323.D
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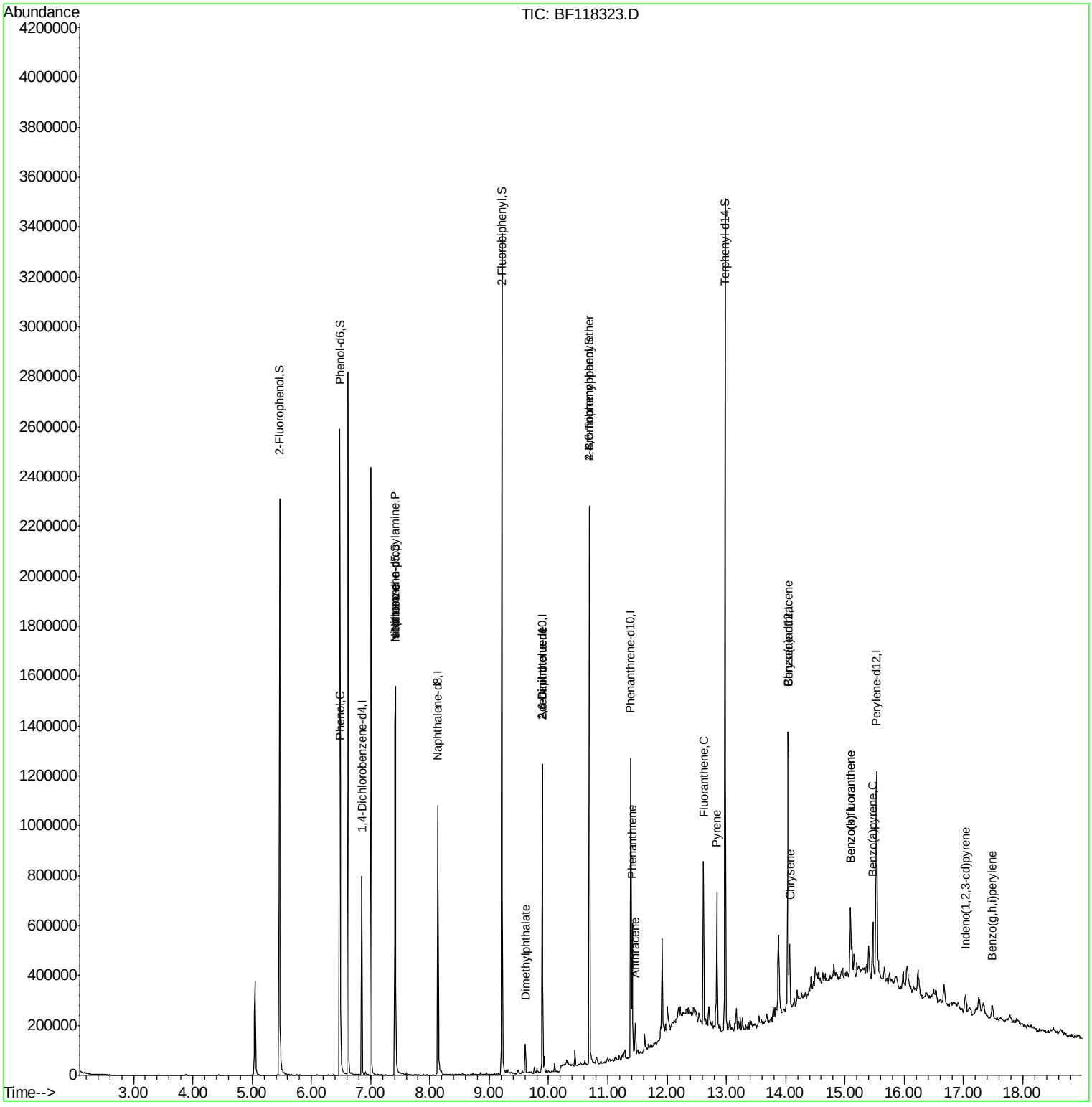
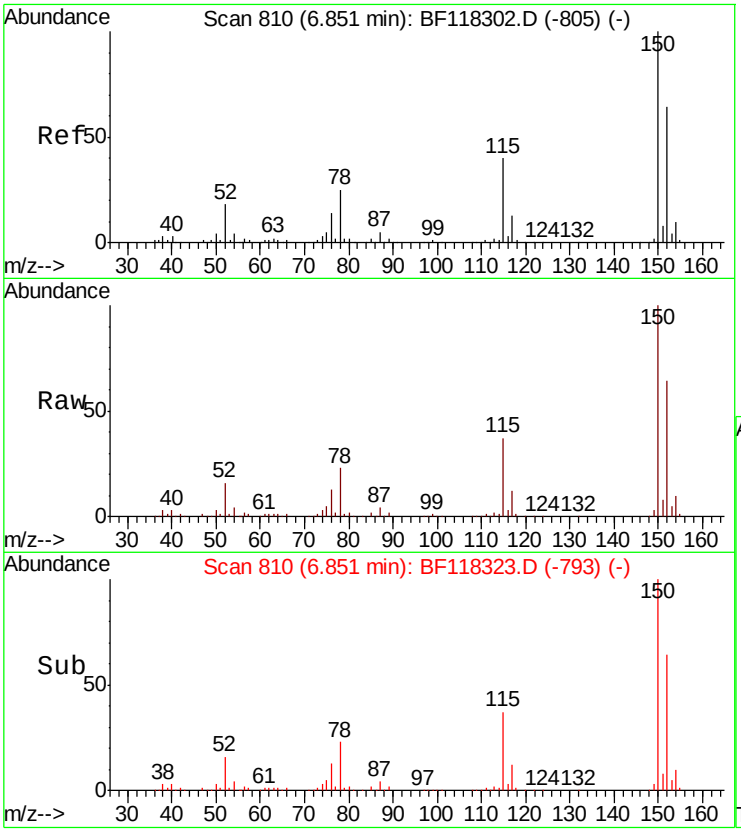


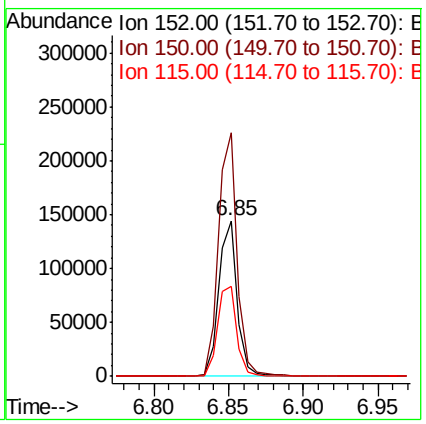


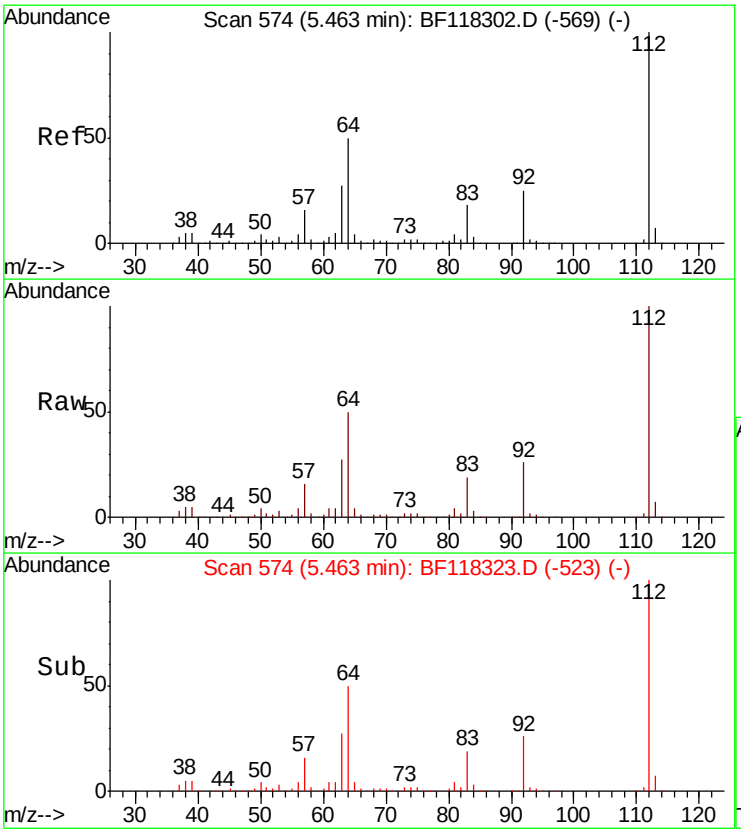
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118323.D
Acq: 26 Dec 2019 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 125789

Ion	Ratio	Lower	Upper
152	100		
150	156.7	125.4	188.2
115	58.1	50.2	75.4

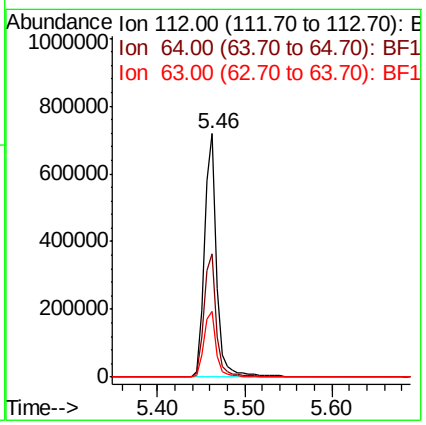


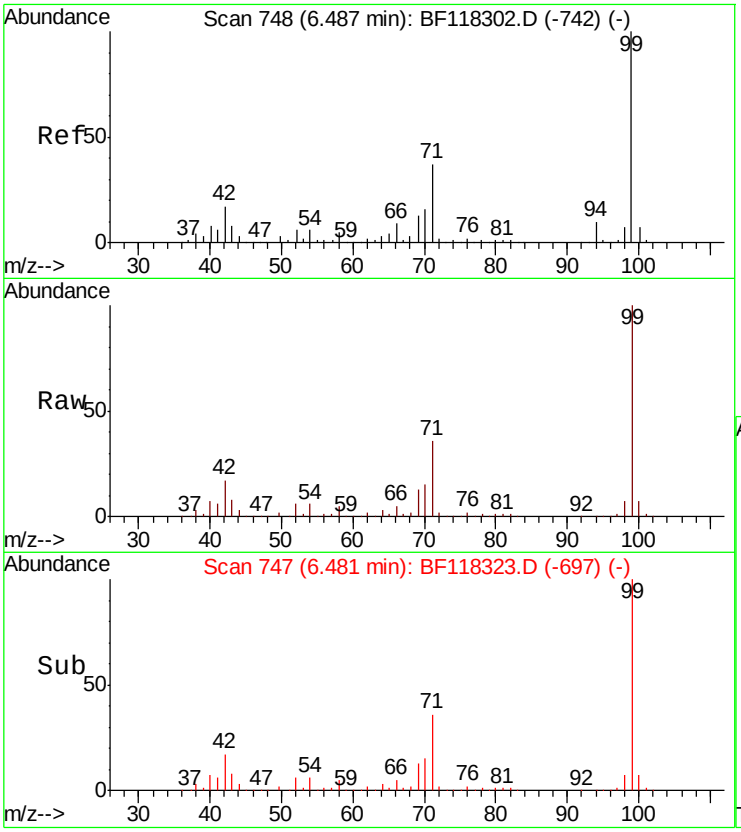


#5
2-Fluorophenol
Concen: 94.560 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF118323.D
Acq: 26 Dec 2019 18:23

Tgt Ion:112 Resp: 696821

Ion	Ratio	Lower	Upper
112	100		
64	50.4	39.7	59.5
63	26.8	21.7	32.5



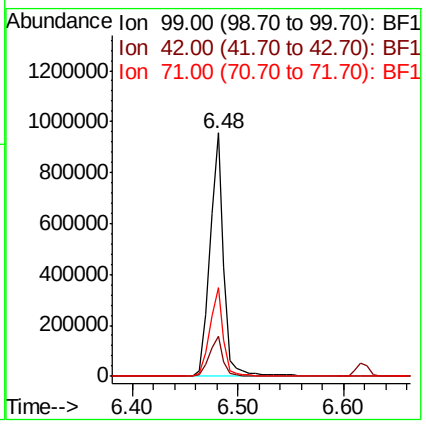


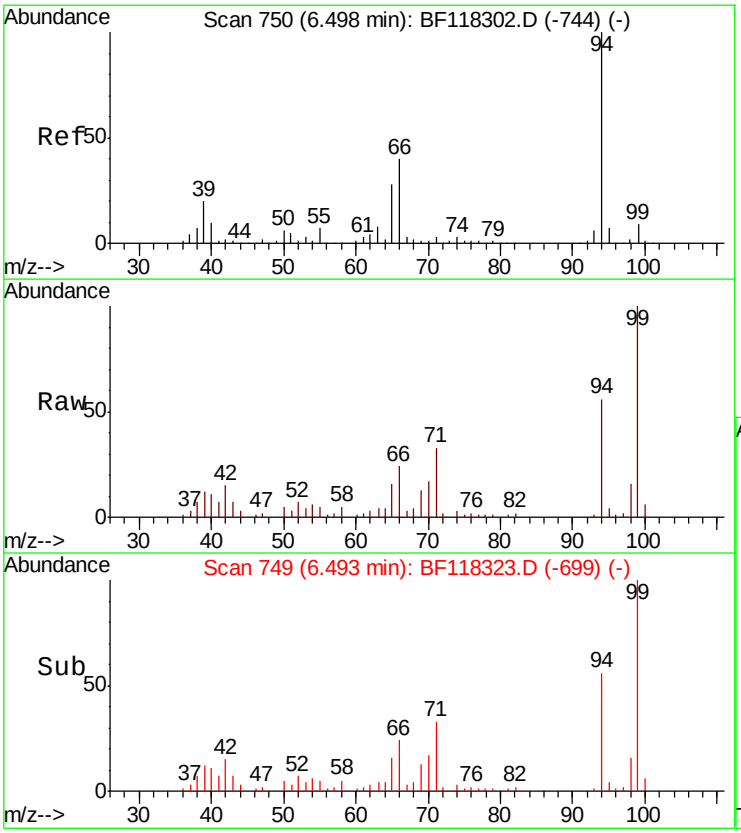
#7
Phenol-d6
Concen: 95.977 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF118323.D
Acq: 26 Dec 2019 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 877375

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.5	20.3
71	36.2	29.4	44.2

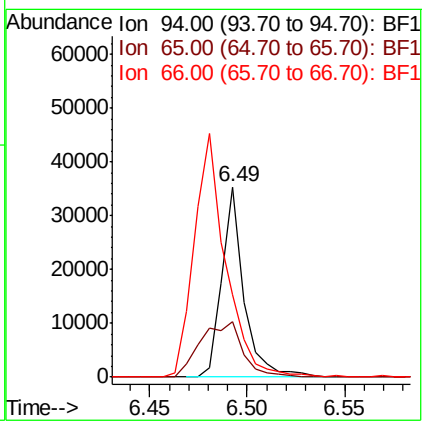


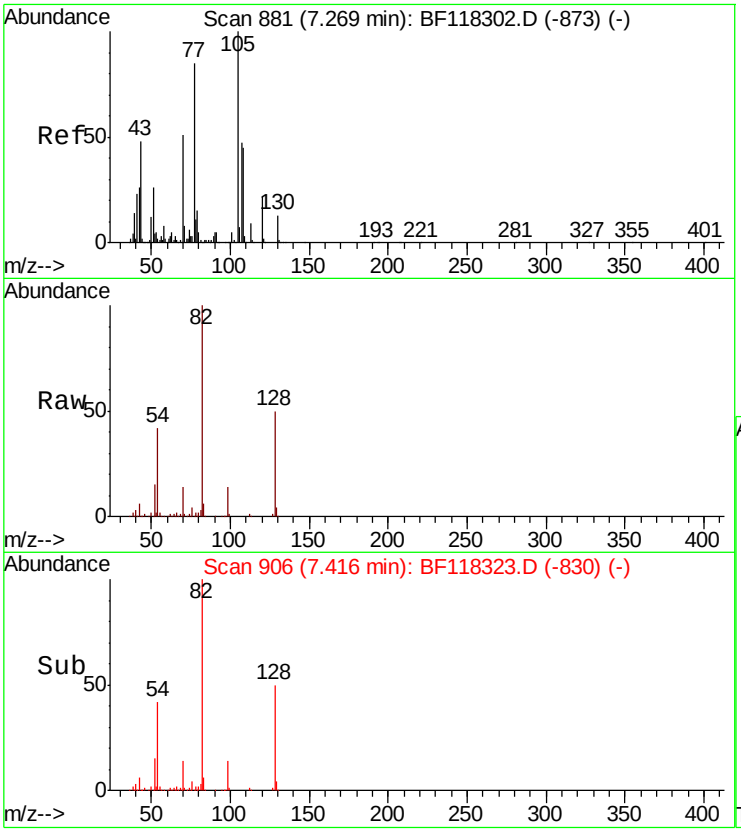


#10
Phenol
Concen: 2.691 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF118323.D
Acq: 26 Dec 2019 18:23

Tgt Ion: 94 Resp: 27652

Ion	Ratio	Lower	Upper
94	100		
65	28.9	7.8	47.8
66	43.6	20.4	60.4



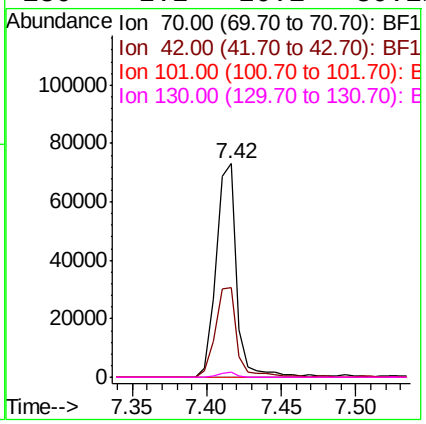


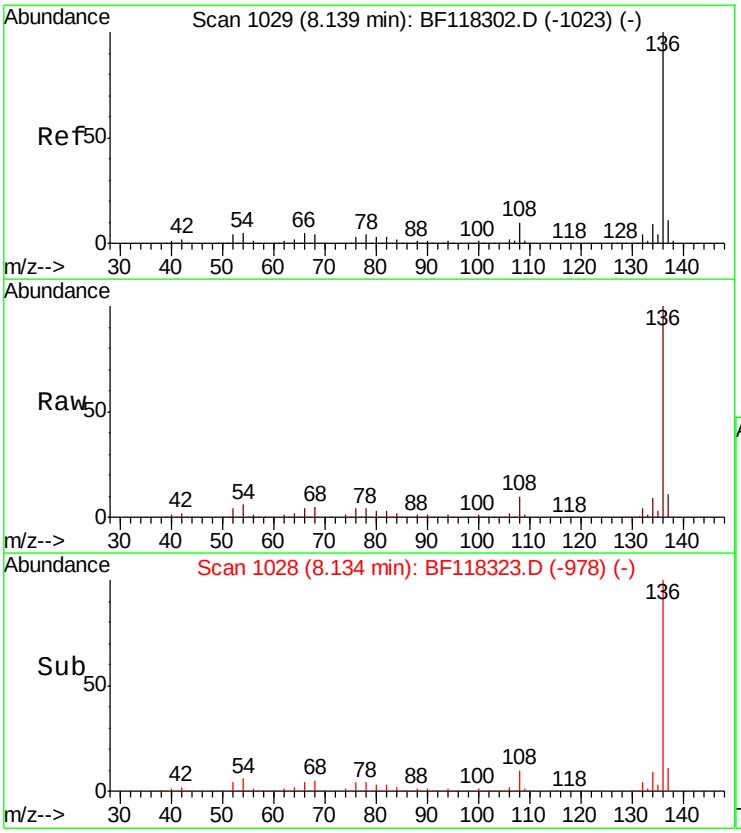
#19
n-Nitroso-di-n-propylamine
Concen: 12.705 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF118323.D
Acq: 26 Dec 2019 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 71549

Ion	Ratio	Lower	Upper
70	100		
42	42.2	41.1	61.7
101	0.0	8.3	12.5#
130	2.2	20.1	30.1#

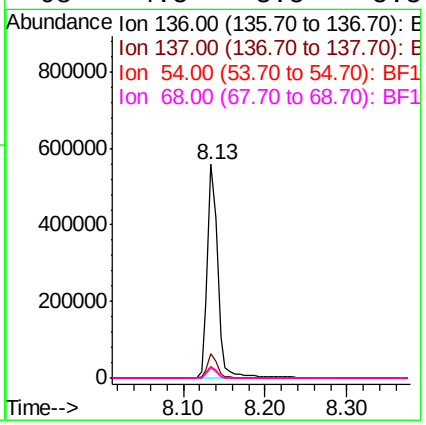


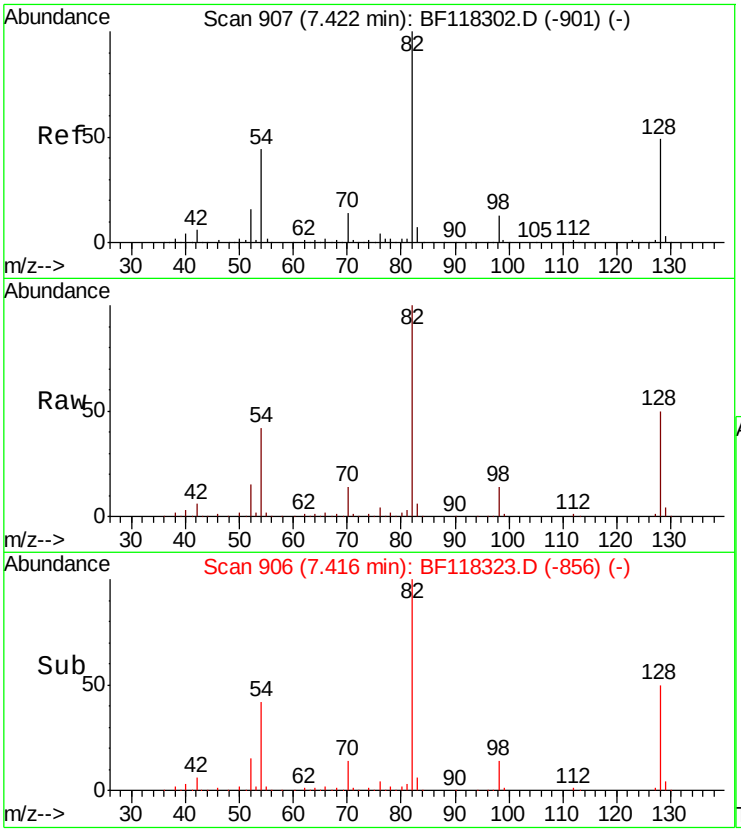


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118323.D
Acq: 26 Dec 2019 18:23

Tgt Ion:136 Resp: 498043

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	5.6	4.2	6.4
68	4.5	3.5	5.3



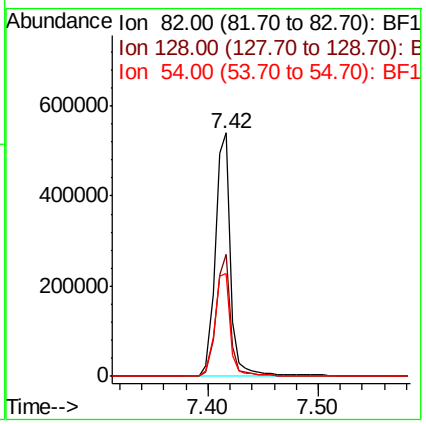


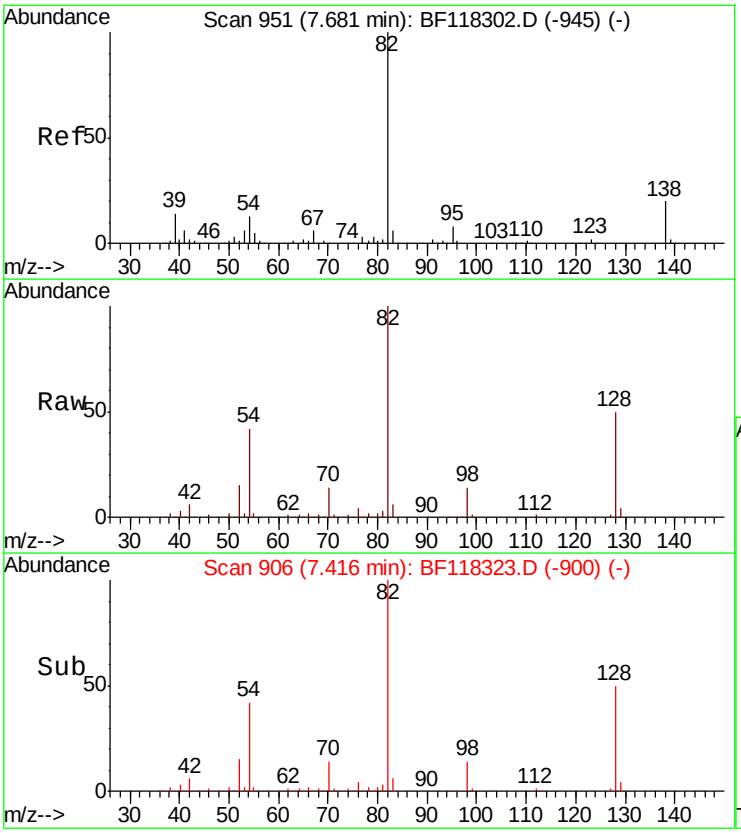
#23
Nitrobenzene-d5
Concen: 59.753 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118323.D
Acq: 26 Dec 2019 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 520316

Ion	Ratio	Lower	Upper
82	100		
128	49.9	39.6	59.4
54	42.4	34.9	52.3

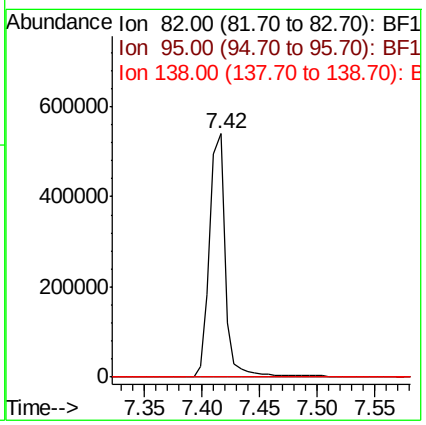


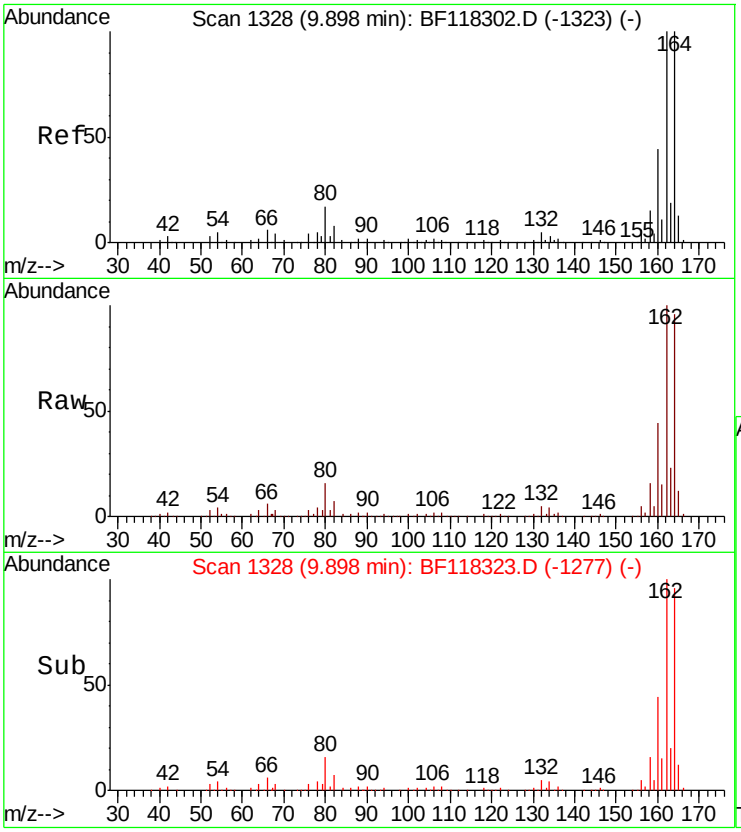


#25
Isophorone
Concen: 34.285 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF118323.D
Acq: 26 Dec 2019 18:23

Tgt Ion: 82 Resp: 520310

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



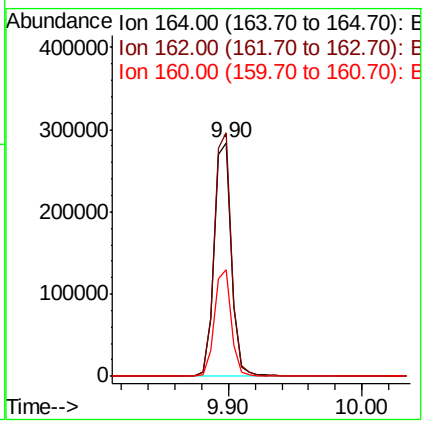


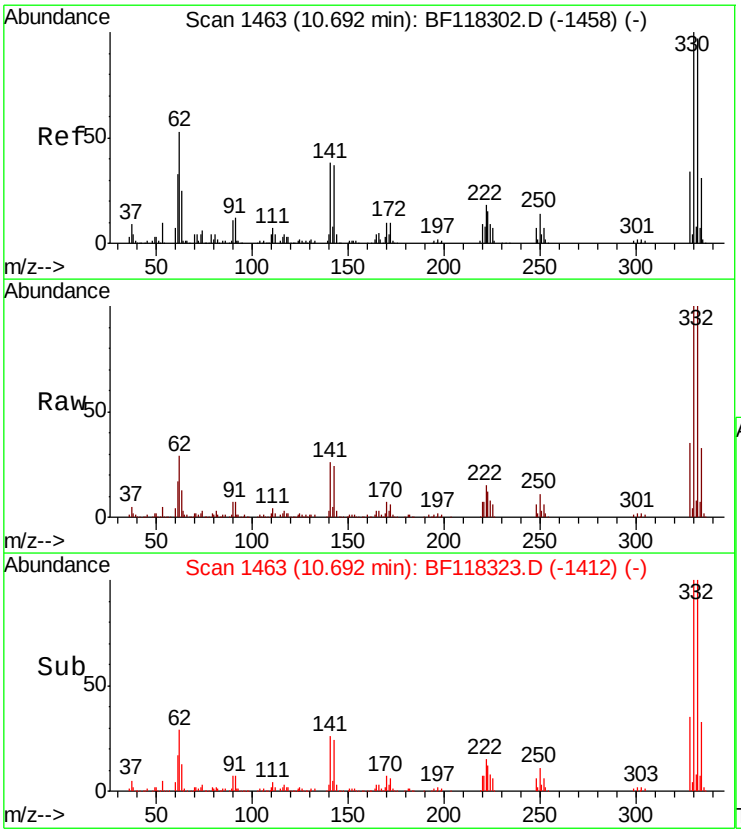
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF118323.D
Acq: 26 Dec 2019 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 261470

Ion	Ratio	Lower	Upper
164	100		
162	104.1	80.0	120.0
160	45.5	34.8	52.2

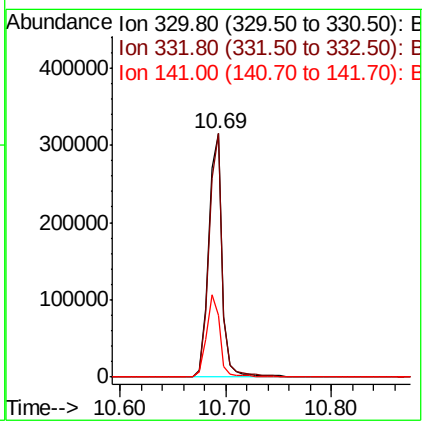


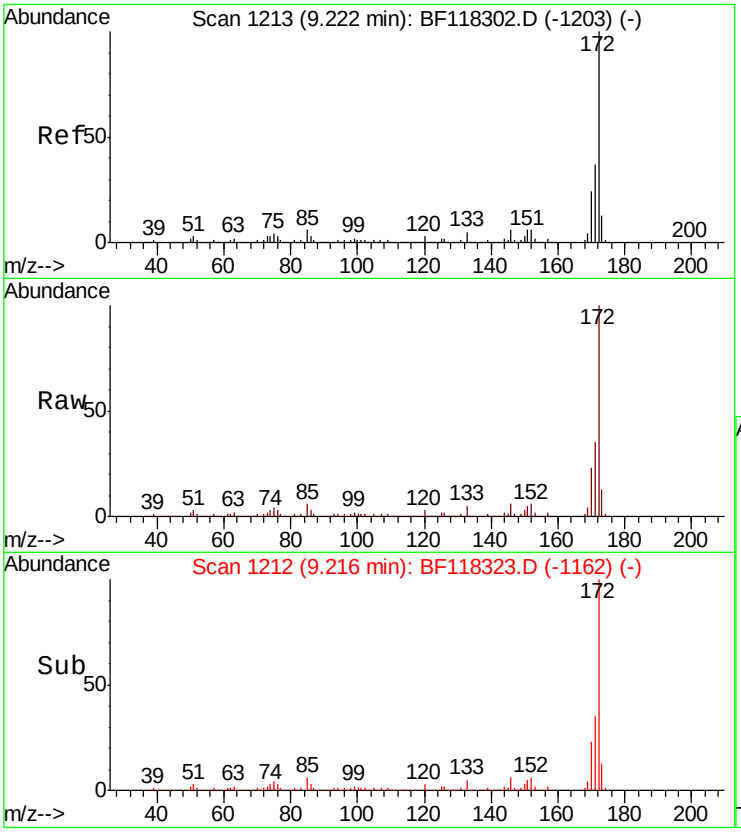


#42
2,4,6-Tribromophenol
Concen: 88.297 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF118323.D
Acq: 26 Dec 2019 18:23

Tgt Ion:330 Resp: 285107

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	114.8
141	32.9	26.0	39.0



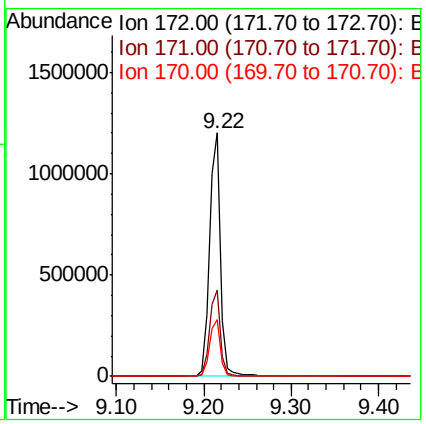


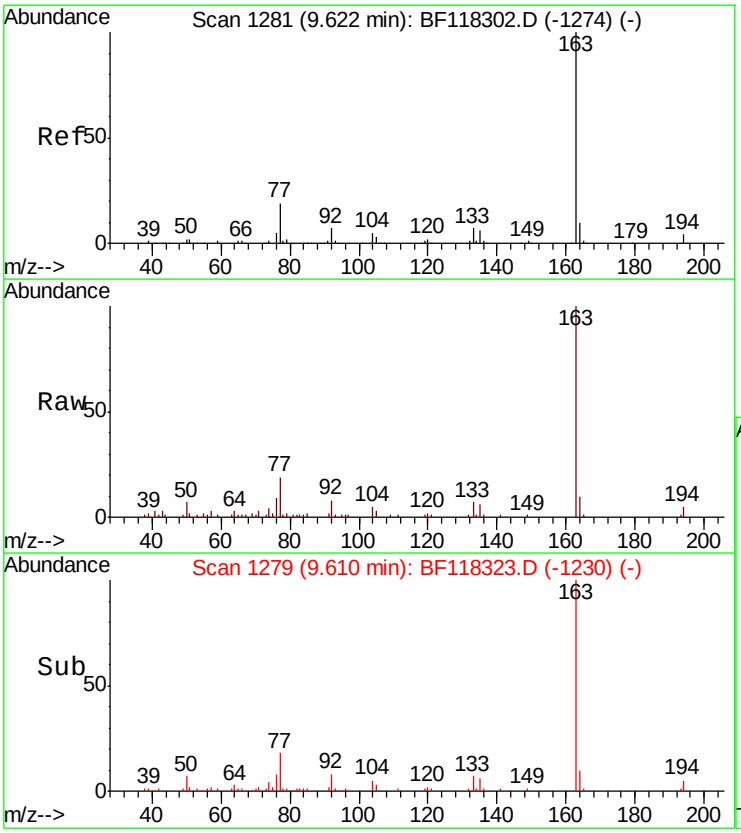
#45
2-Fluorobiphenyl
Concen: 60.461 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118323.D
Acq: 26 Dec 2019 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1035641

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.3	43.9
170	23.4	19.2	28.8

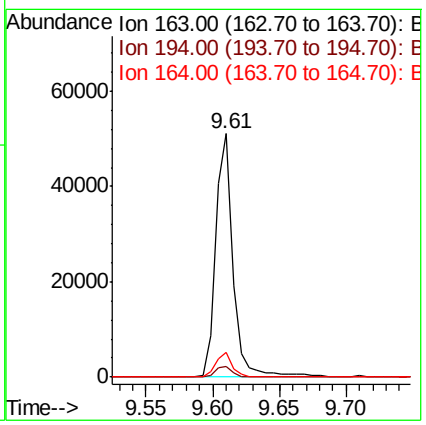


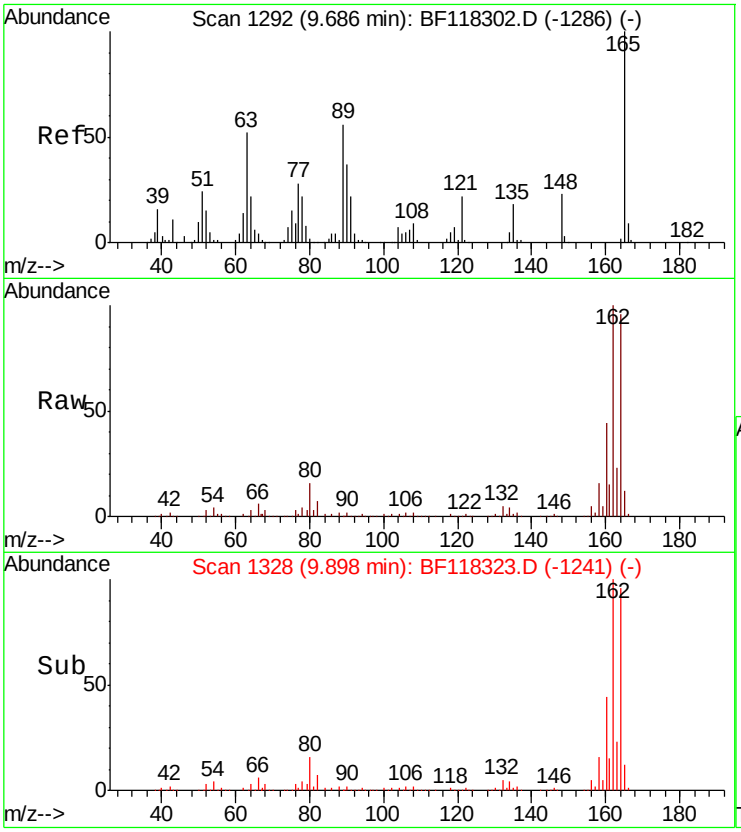


#50
Dimethylphthalate
Concen: 2.392 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118323.D
Acq: 26 Dec 2019 18:23

Tgt Ion:163 Resp: 46951

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.2	4.8
164	10.2	7.9	11.9



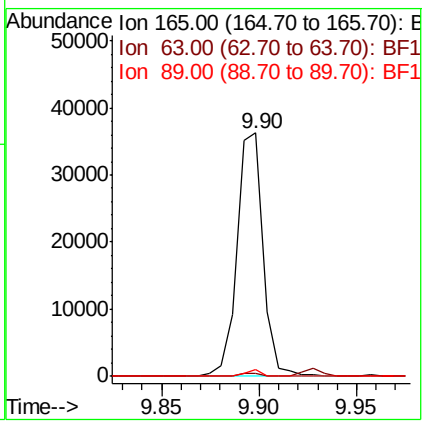


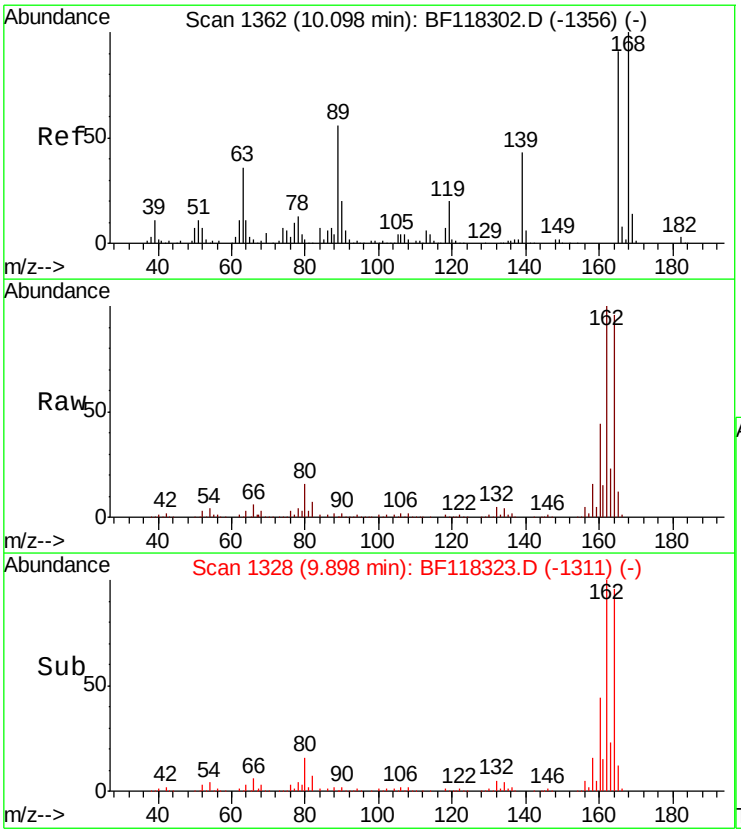
#51
2,6-Dinitrotoluene
Concen: 7.925 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF118323.D
Acq: 26 Dec 2019 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 33534

Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.2	63.4#
89	2.8	44.4	66.6#

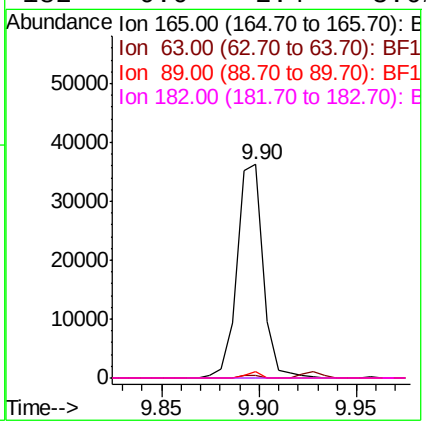


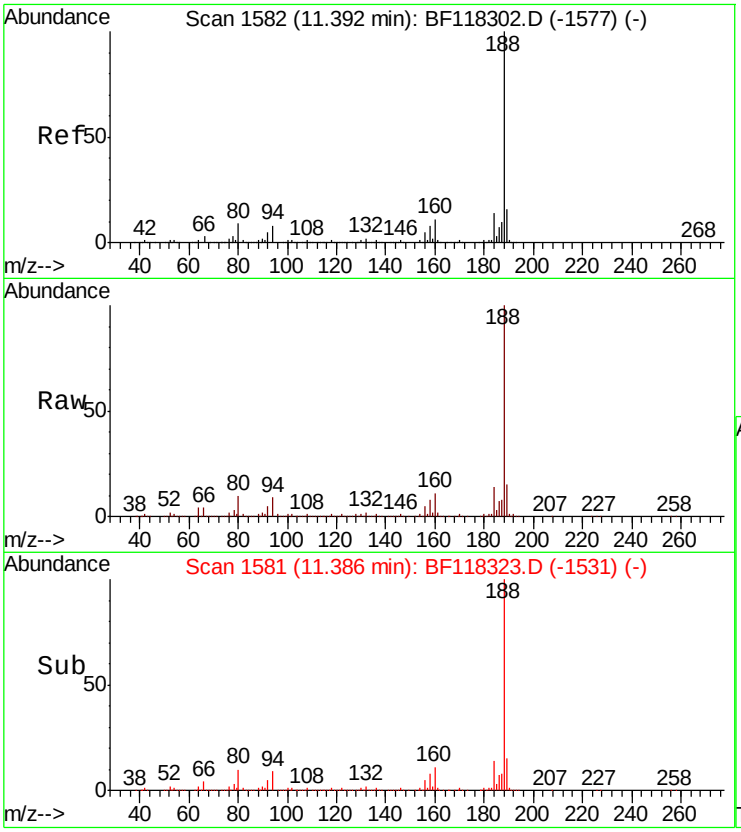


#57
2,4-Dinitrotoluene
Concen: 5.931 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.20 min
Lab File: BF118323.D
Acq: 26 Dec 2019 18:23

Tgt Ion:165 Resp: 33534

Ion	Ratio	Lower	Upper
165	100		
63	1.3	32.0	48.0#
89	2.8	49.3	73.9#
182	0.0	2.4	3.6#



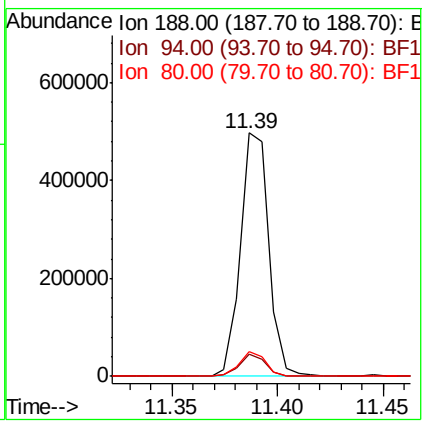


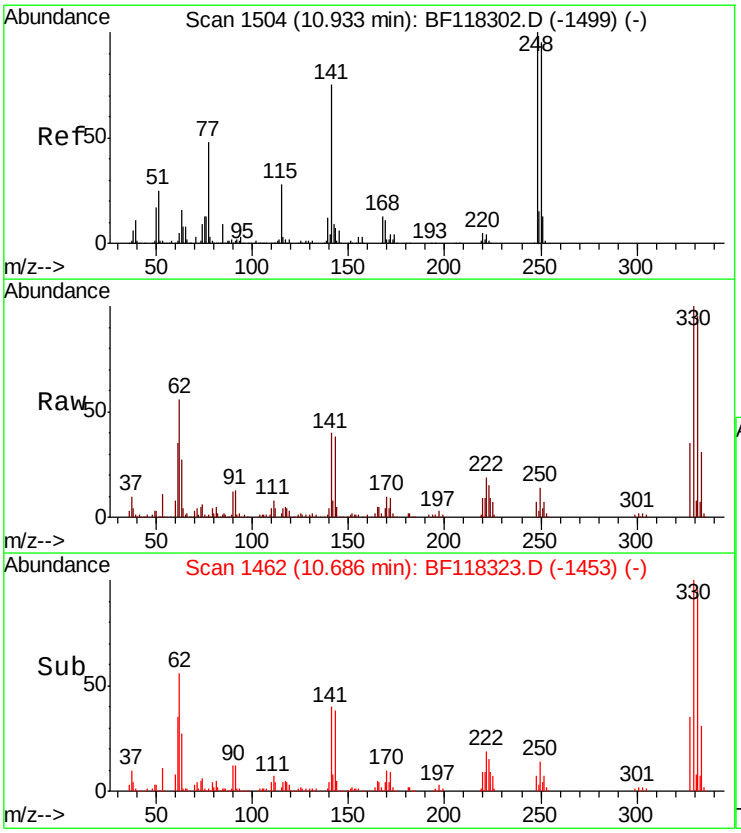
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF118323.D
Acq: 26 Dec 2019 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 462778

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.7	10.1
80	9.9	7.2	10.8

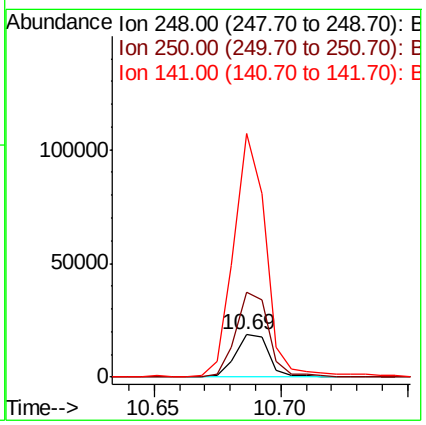


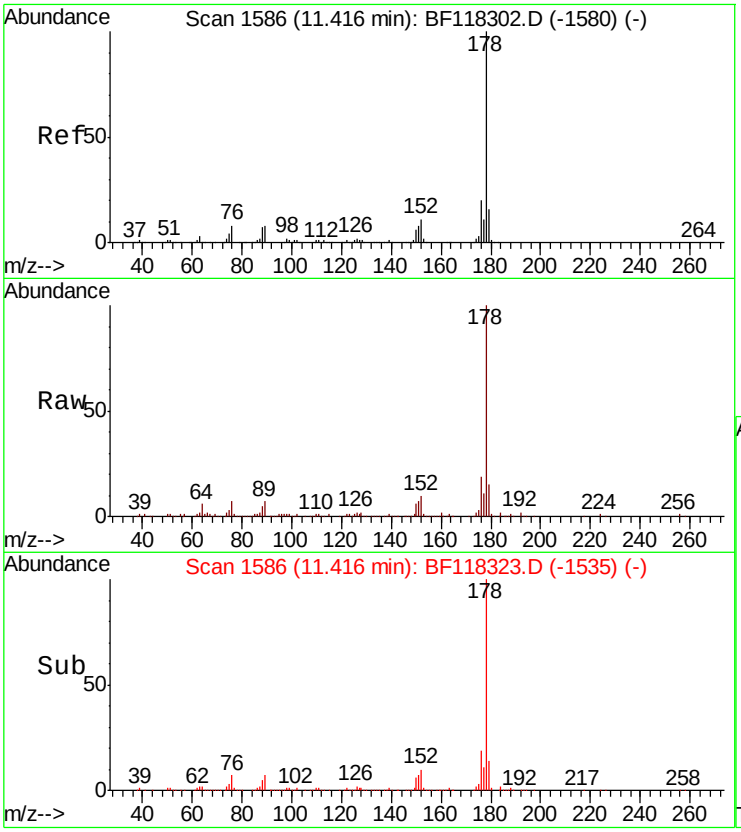


#67
4-Bromophenyl-phenylether
Concen: 3.193 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.25 min
Lab File: BF118323.D
Acq: 26 Dec 2019 18:23

Tgt Ion:248 Resp: 17292

Ion	Ratio	Lower	Upper
248	100		
250	200.3	76.4	114.6#
141	572.1	60.2	90.2#



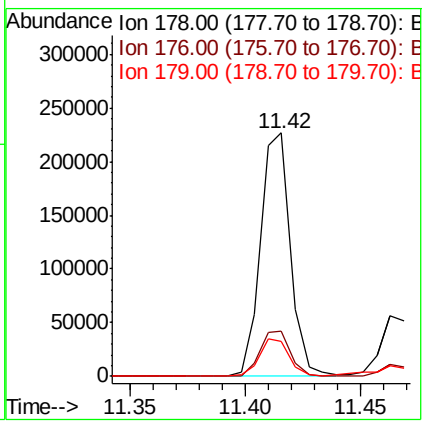


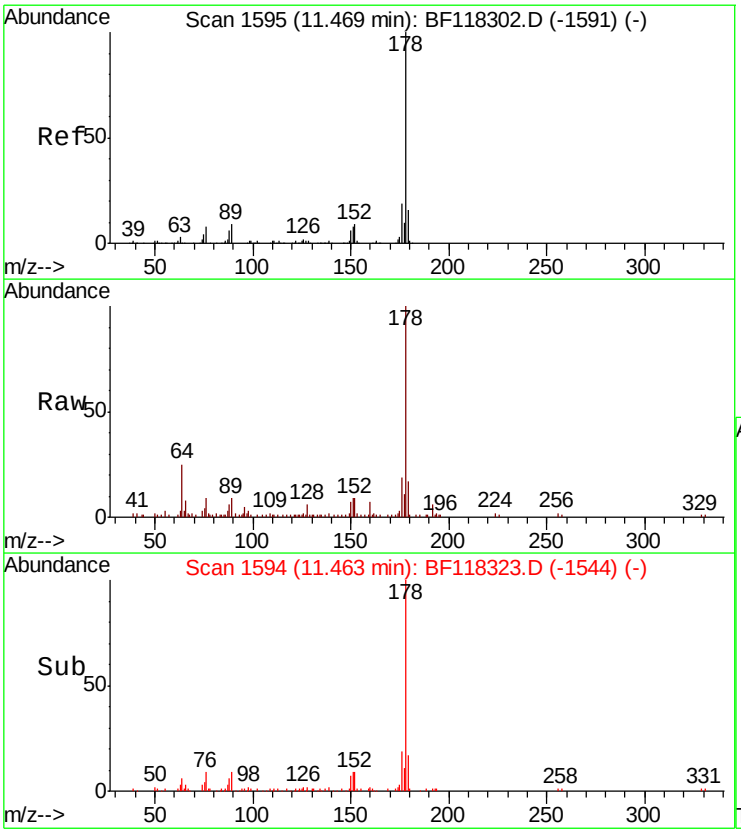
#71
Phenanthrene
Concen: 8.140 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF118323.D
Acq: 26 Dec 2019 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 205363

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	14.6	12.6	19.0

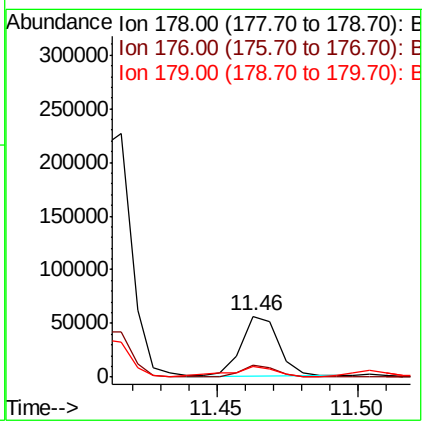


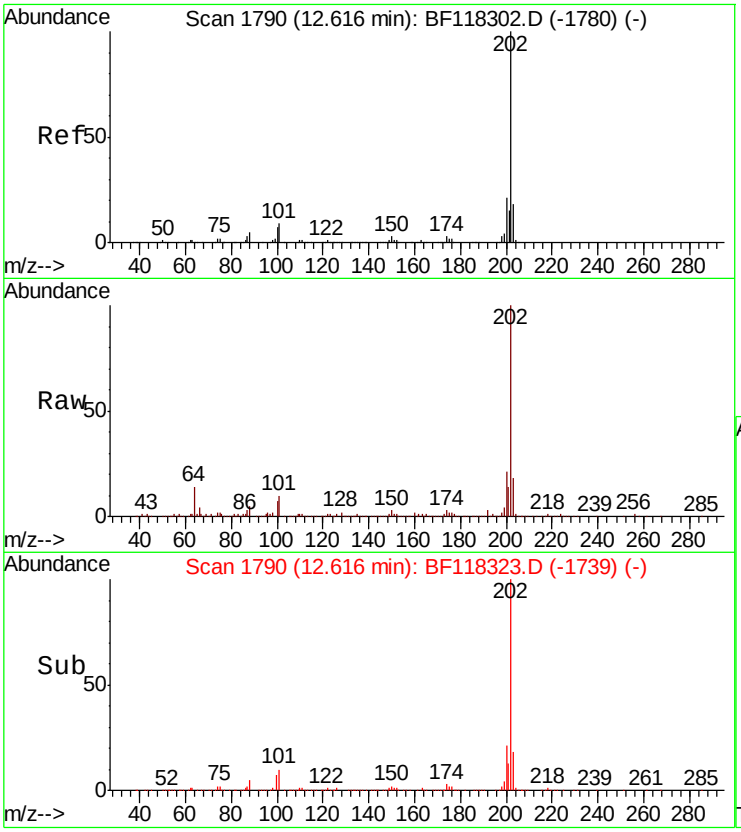


#72
Anthracene
Concen: 2.006 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF118323.D
Acq: 26 Dec 2019 18:23

Tgt Ion:178 Resp: 50654

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	16.6	12.9	19.3



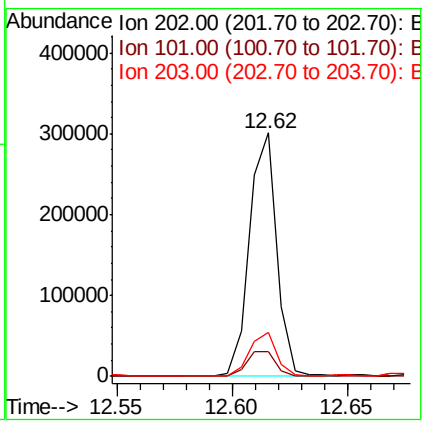


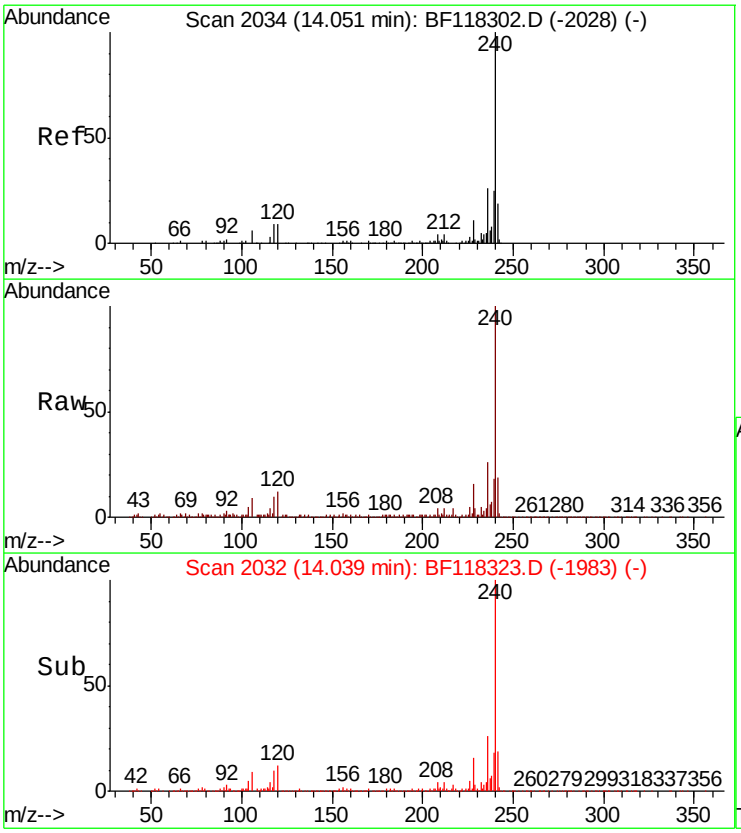
#75
Fluoranthene
Concen: 9.739 ng
RT: 12.62 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BF118323.D
Acq: 26 Dec 2019 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 247972

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	29.5
203	18.1	0.0	37.6

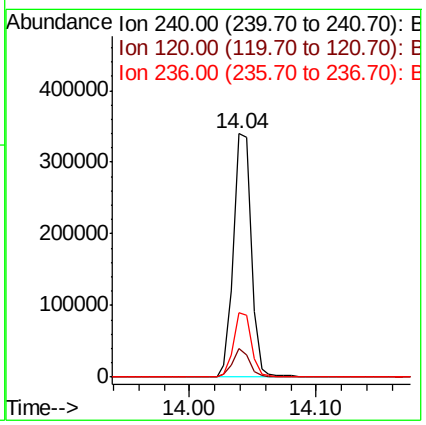


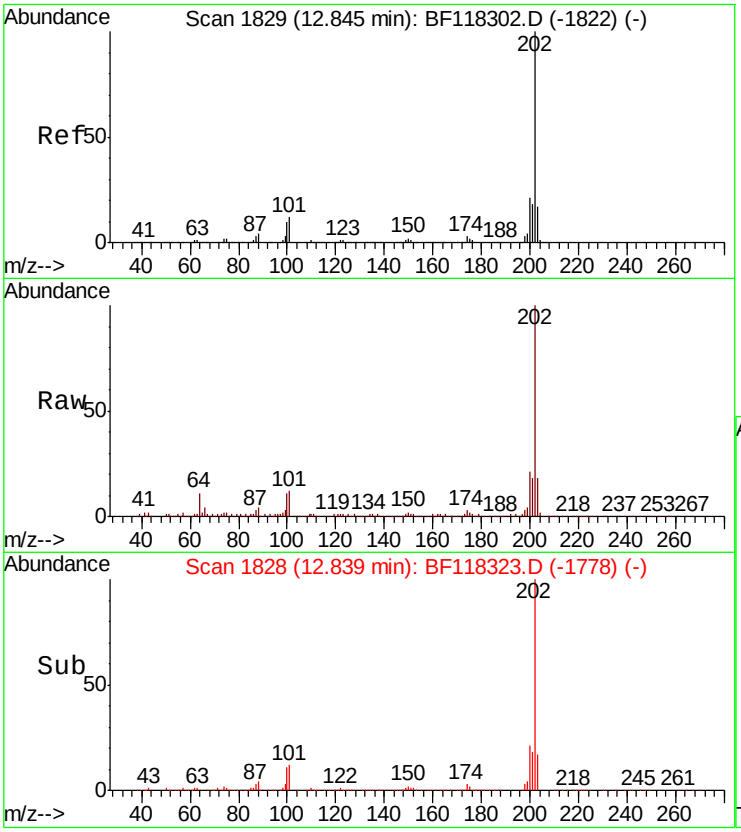


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF118323.D
Acq: 26 Dec 2019 18:23

Tgt Ion:240 Resp: 325798

Ion	Ratio	Lower	Upper
240	100		
120	11.7	7.1	10.7#
236	26.5	21.0	31.6



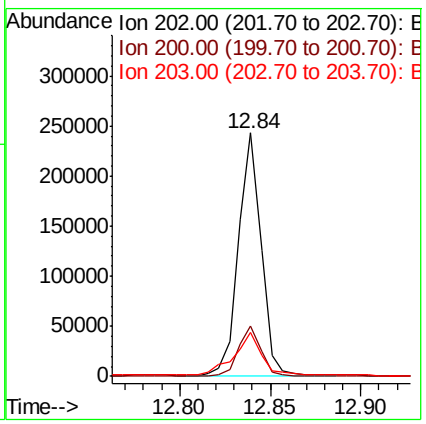


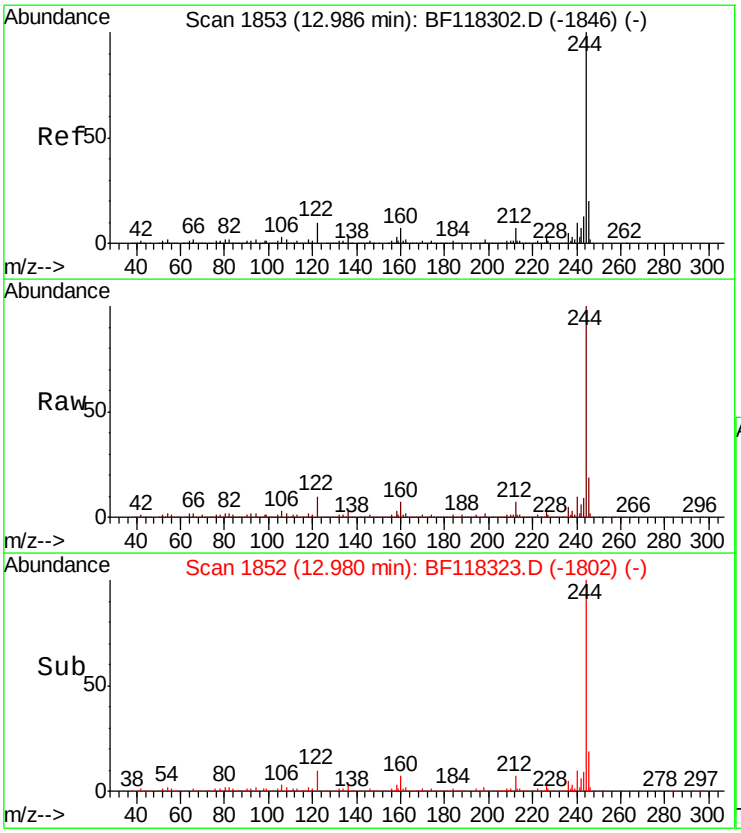
#78
Pyrene
Concen: 7.914 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF118323.D
Acq: 26 Dec 2019 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 210543

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	17.8	13.9	20.9

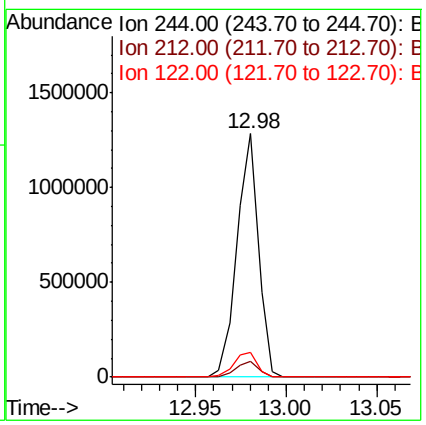


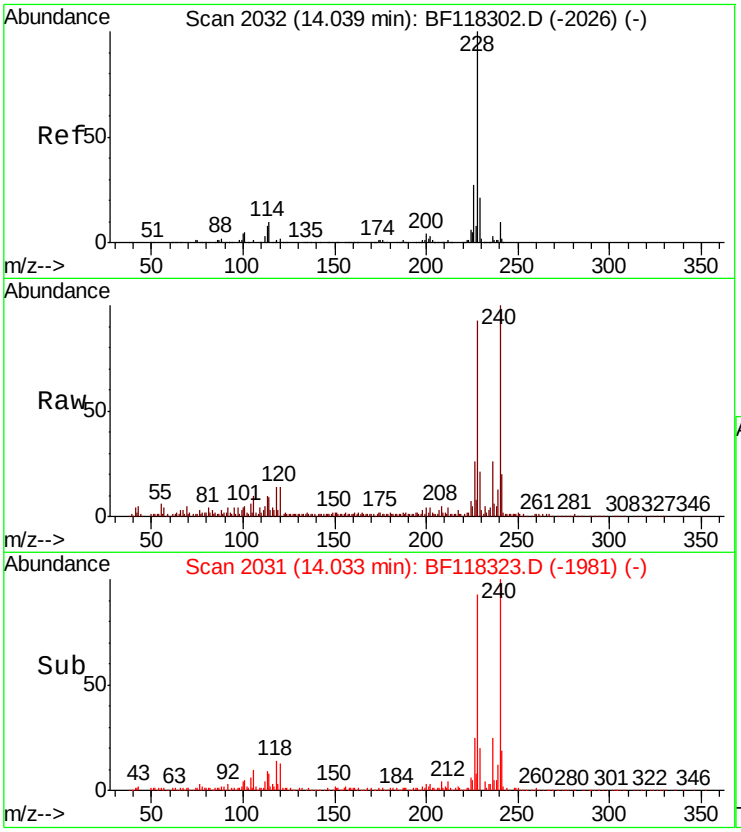


#79
Terphenyl-d14
Concen: 54.051 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF118323.D
Acq: 26 Dec 2019 18:23

Tgt Ion:244 Resp: 1061450

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	10.2	7.8	11.8



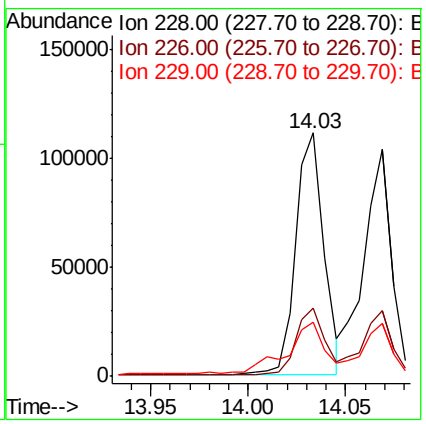


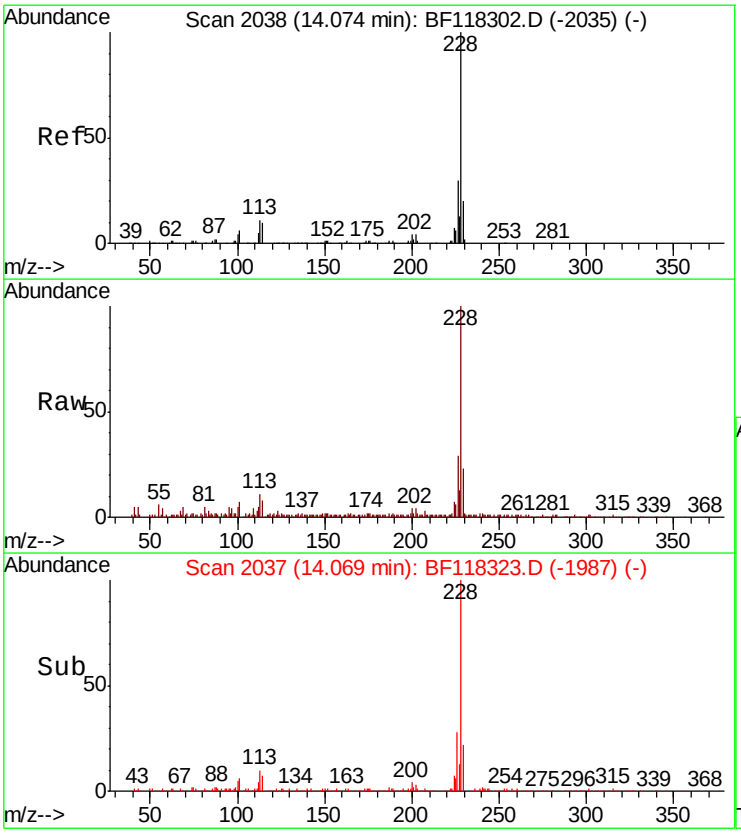
#81
Benzo(a)anthracene
Concen: 4.872 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118323.D
Acq: 26 Dec 2019 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 111108

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.0	33.0
229	22.5	16.6	24.8

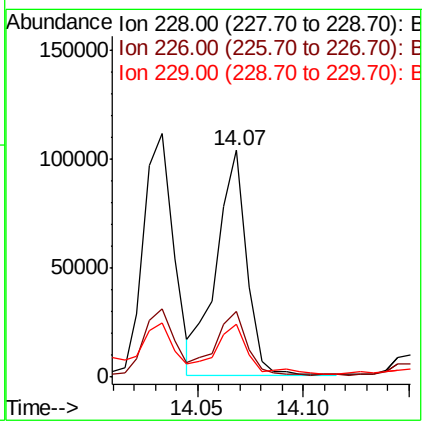


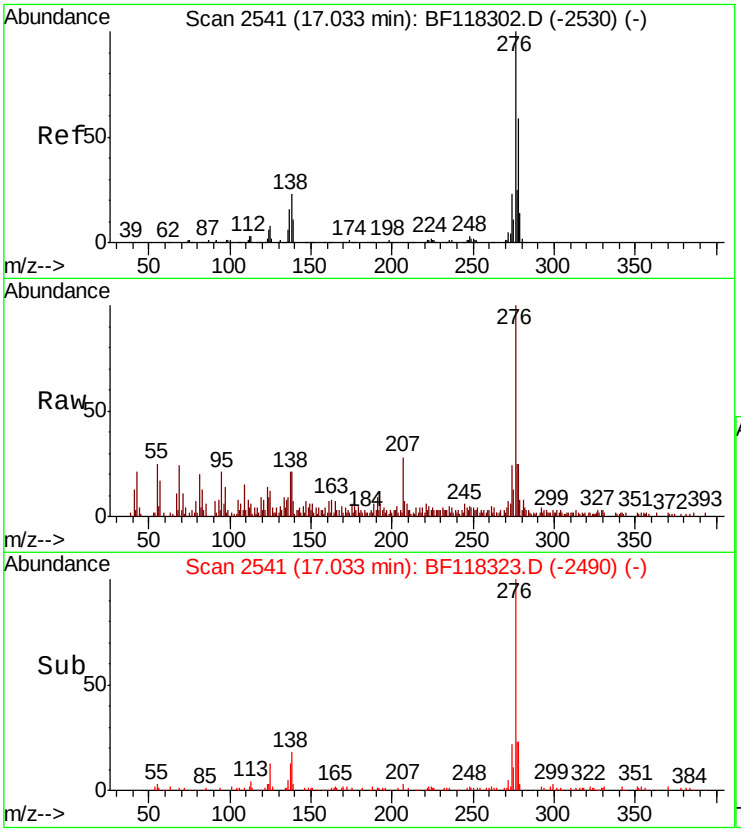


#83
Chrysene
Concen: 4.721 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118323.D
Acq: 26 Dec 2019 18:23

Tgt Ion:228 Resp: 103096

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.9	35.9
229	23.3	16.1	24.1



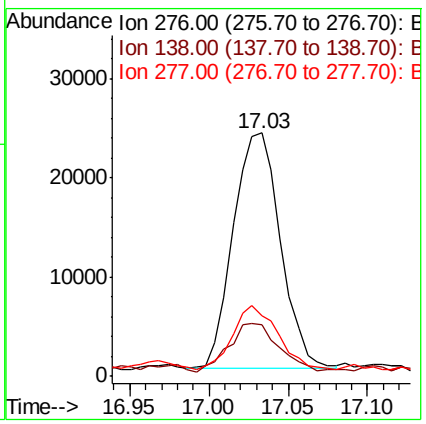


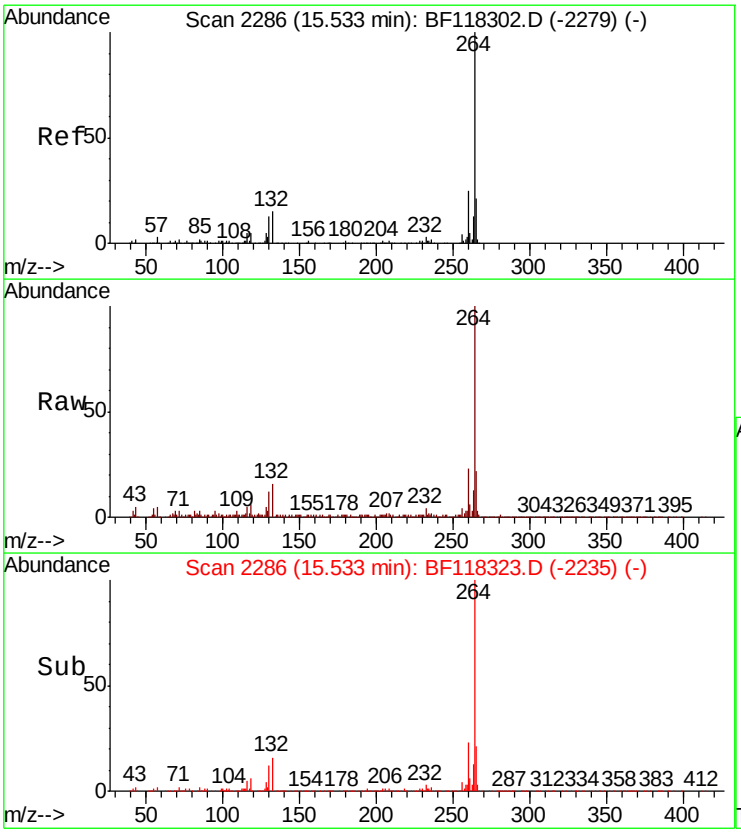
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.626 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.00 min
Lab File: BF118323.D
Acq: 26 Dec 2019 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 48851

Ion	Ratio	Lower	Upper
276	100		
138	21.8	19.5	29.3
277	26.2	20.6	30.8

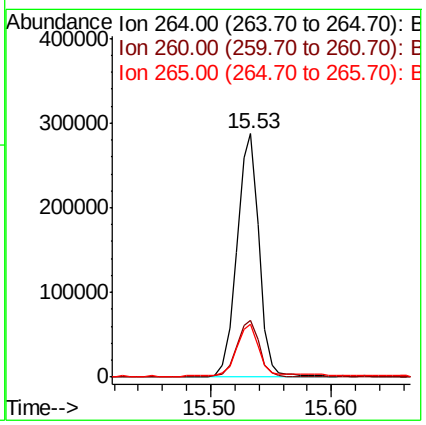


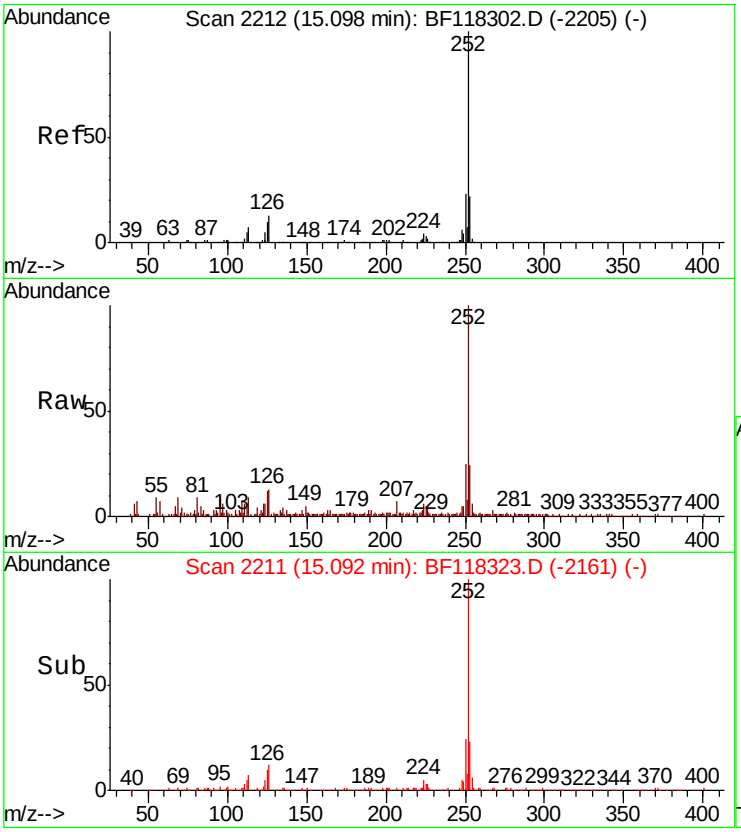


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.00 min
Lab File: BF118323.D
Acq: 26 Dec 2019 18:23

Tgt Ion:264 Resp: 363605

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.8	29.6
265	21.5	17.0	25.4



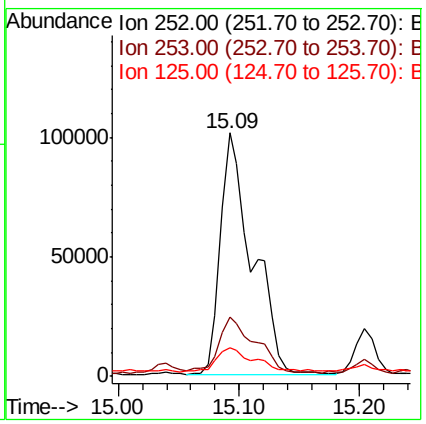


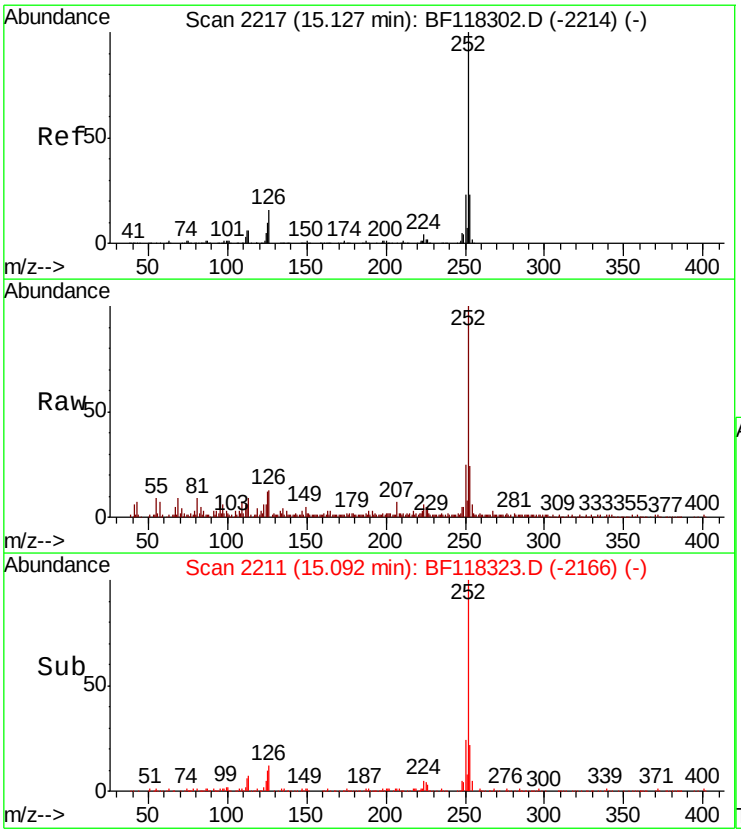
#88
Benzo(b)fluoranthene
Concen: 7.648 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF118323.D
Acq: 26 Dec 2019 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 184592

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.5	26.3
125	11.8	7.7	11.5#

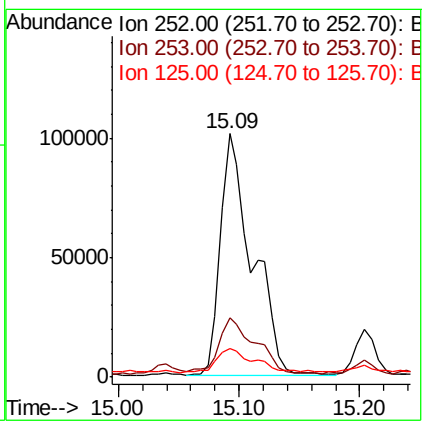


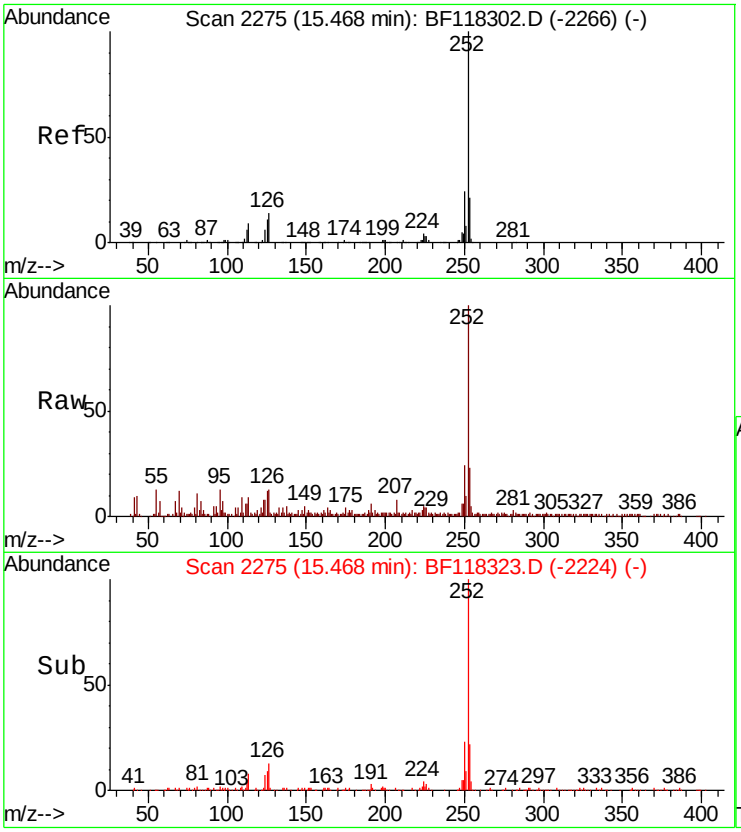


#89
Benzo(k)fluoranthene
Concen: 7.965 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.04 min
Lab File: BF118323.D
Acq: 26 Dec 2019 18:23

Tgt Ion:252 Resp: 184592

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	11.8	8.0	12.0



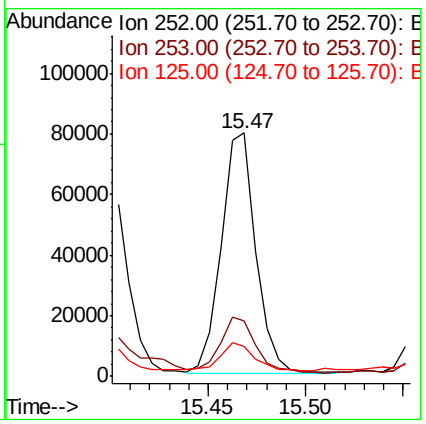


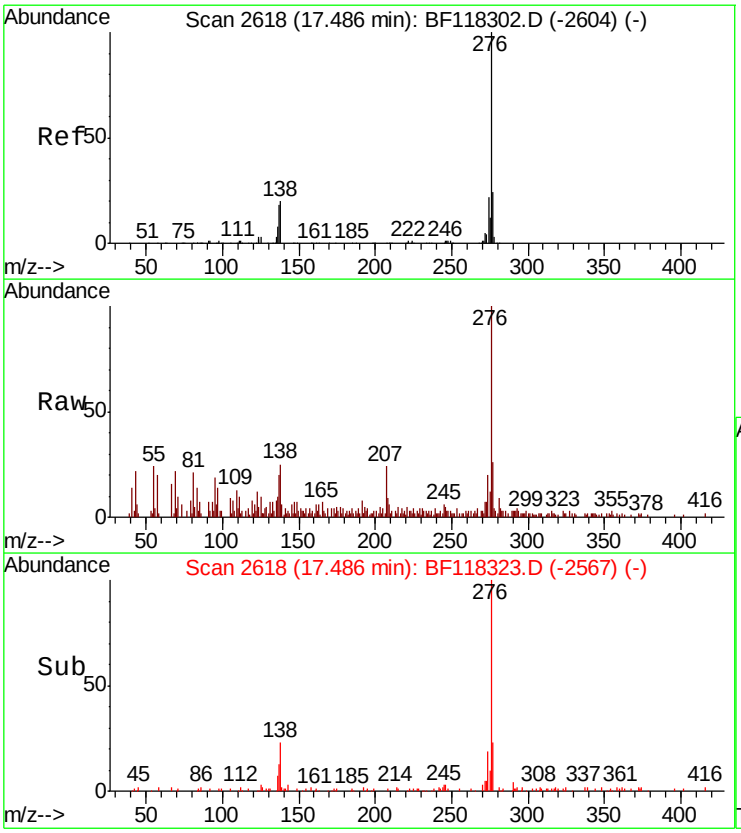
#90
Benzo(a)pyrene
Concen: 4.632 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF118323.D
Acq: 26 Dec 2019 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 98476

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	12.2	9.0	13.4





#92
Benzo(g,h,i)perylene
Concen: 2.618 ng
RT: 17.49 min Scan# 2618
Delta R.T. 0.00 min
Lab File: BF118323.D
Acq: 26 Dec 2019 18:23

Tgt Ion:276 Resp: 46668

Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.1	28.7
138	24.6	16.1	24.1#