Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
Data File : BF118550.D
Acq On : 14 Jan 2020 00:22
Operator : JU
Sample : L1103-04 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 14 10:30:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	128804	20.00	ng		-0.02
21) Naphthalene-d8	8.10	136	490763	20.00	ng		-0.02
39) Acenaphthene-d10	9.86	164	231908	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	379283	20.00	ng		-0.02
76) Chrysene-d12	14.01	240	296948	20.00	ng		-0.03
87) Perylene-d12	15.49	264	232685	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	156806	20.10	ng		0.00
7) Phenol-d6	6.46	99	213636	22.90	ng		-0.02
23) Nitrobenzene-d5	7.38	82	108915	11.66	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	46476	16.98	ng		-0.02
45) 2-Fluorobiphenyl	9.18	172	217382	13.44	ng		-0.02
79) Terphenyl-d14	12.94	244	208408	11.12	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.38	70	13878	2.310	ng	#	73
25) Isophorone	7.38	82	108915	7.277	ng	#	63
49) Acenaphthylene	9.72	152	86449	3.872	ng		97
51) 2,6-Dinitrotoluene	9.86	165	29315	7.648	ng	#	23
57) 2,4-Dinitrotoluene	9.86	165	29315	5.712	ng	#	20
71) Phenanthrene	11.38	178	556743	26.204	ng		99
72) Anthracene	11.43	178	113806	5.384	ng		99
75) Fluoranthene	12.57	202	916341	42.432	ng		99
77) Benzidine	12.68	184	156	Below Cal		#	8
78) Pyrene	12.81	202	1182520	48.401	ng		100
81) Benzo(a)anthracene	14.00	228	392045	18.862	ng	#	74
83) Chrysene	14.03	228	328818	16.280	ng		95
86) Indeno(1,2,3-cd)pyrene	16.98	276	247510	15.221	ng		94
88) Benzo(b)fluoranthene	15.06	252	582247	34.611	ng	#	98
89) Benzo(k)fluoranthene	15.06	252	582247	36.260	ng	#	97
90) Benzo(a)pyrene	15.43	252	331038	24.012	ng		98
91) Dibenzo(a,h)anthracene	16.98	278	37670	2.914	ng	#	85
92) Benzo(g,h,i)perylene	17.43	276	264316	21.580	ng		99

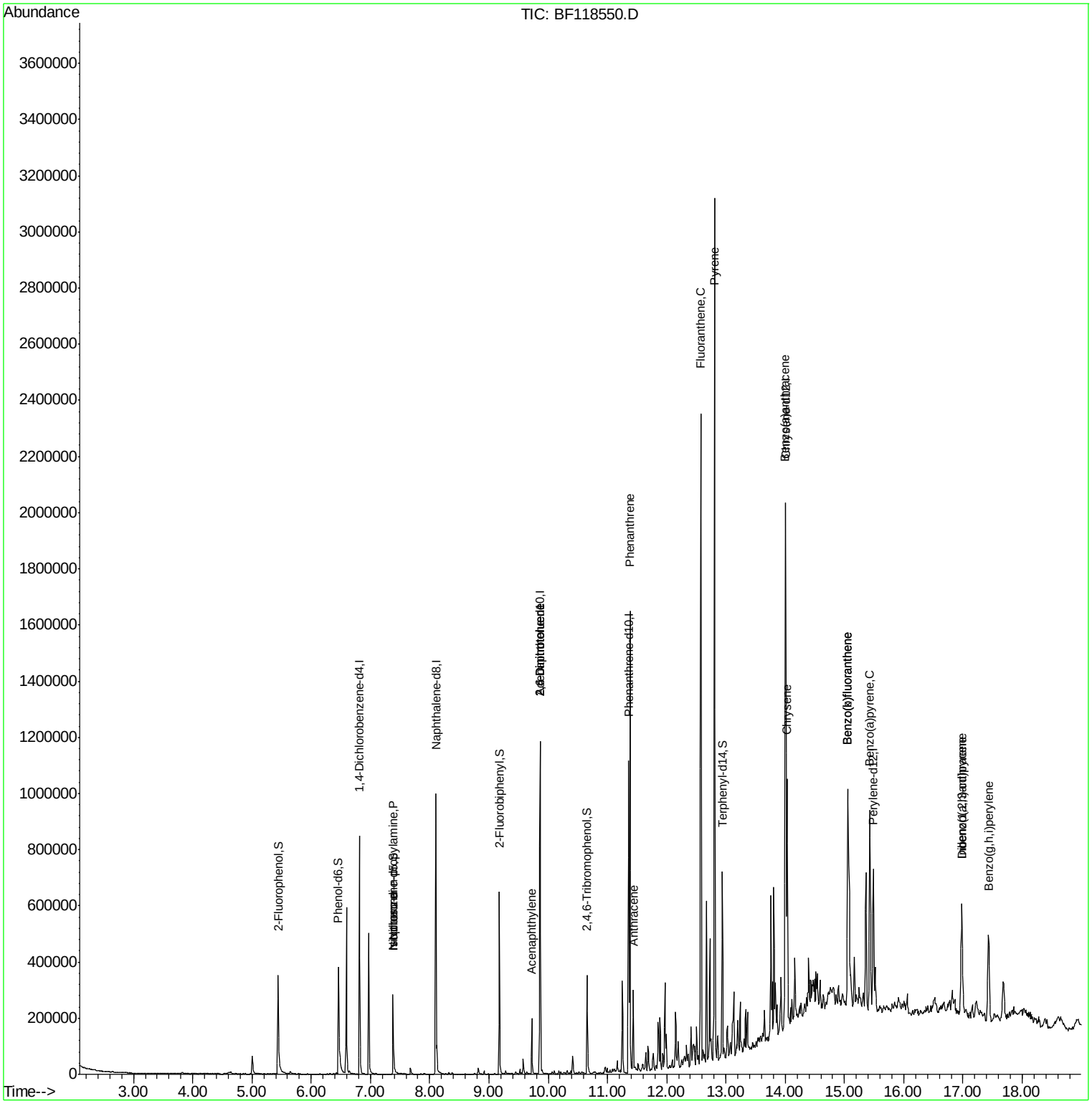
(#) = qualifier out of range (m) = manual integration (+) = signals summed

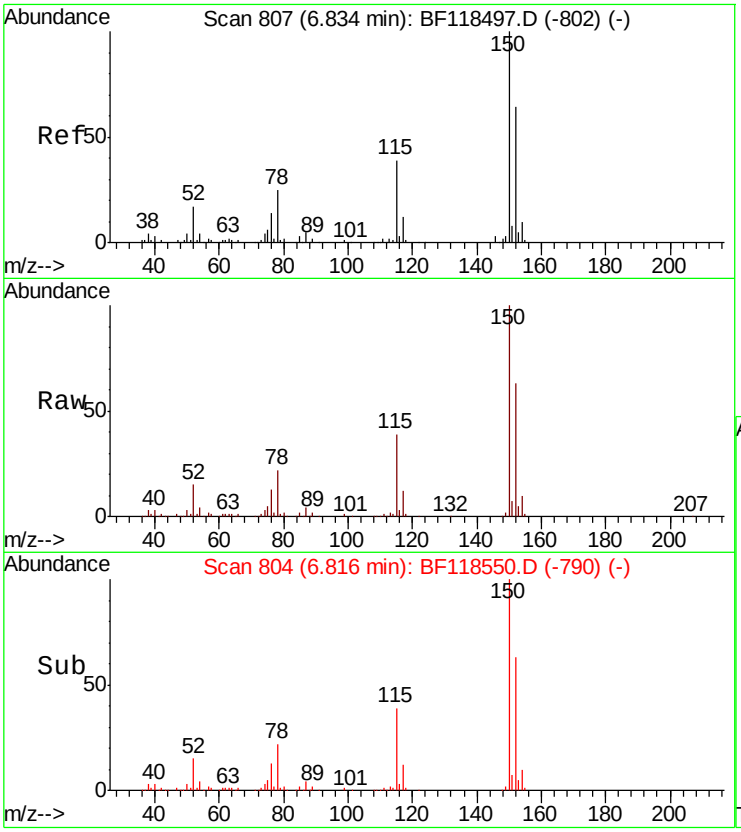
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
Data File : BF118550.D
Acq On : 14 Jan 2020 00:22
Operator : JU
Sample : L1103-04 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 14 10:30:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
Response via : Initial Calibration



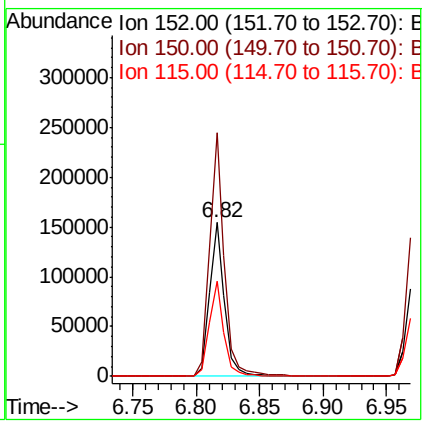


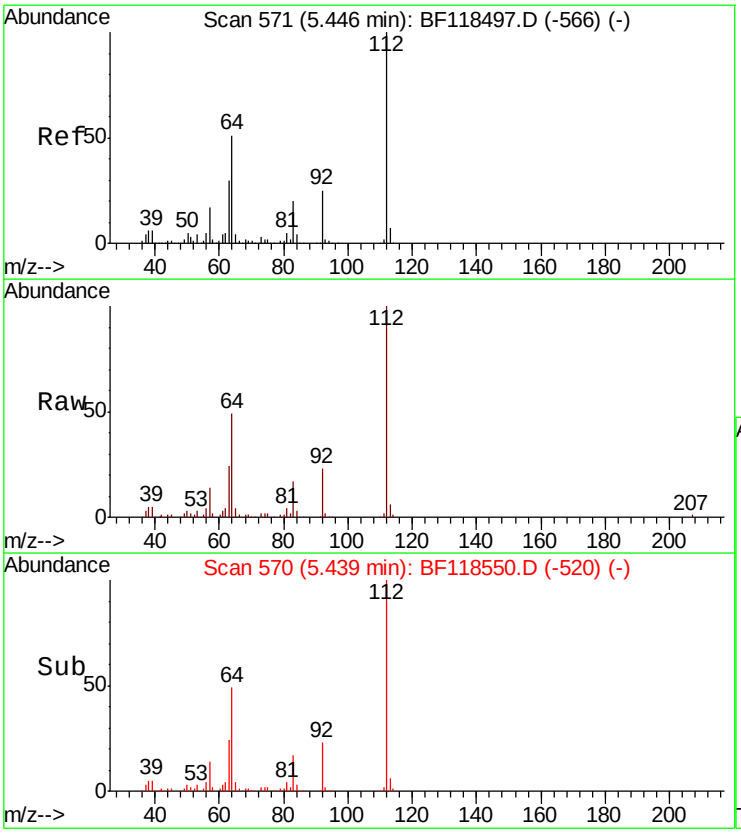
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF118550.D
Acq: 14 Jan 2020 00:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 128804

Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.7	187.1
115	61.5	49.0	73.6

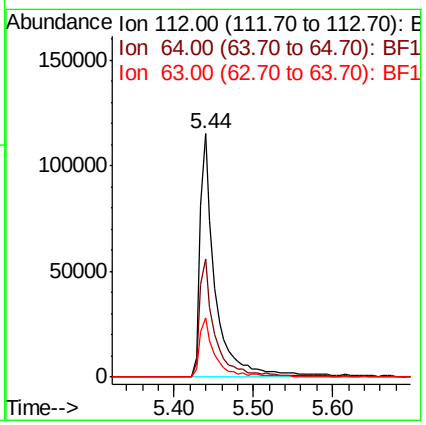


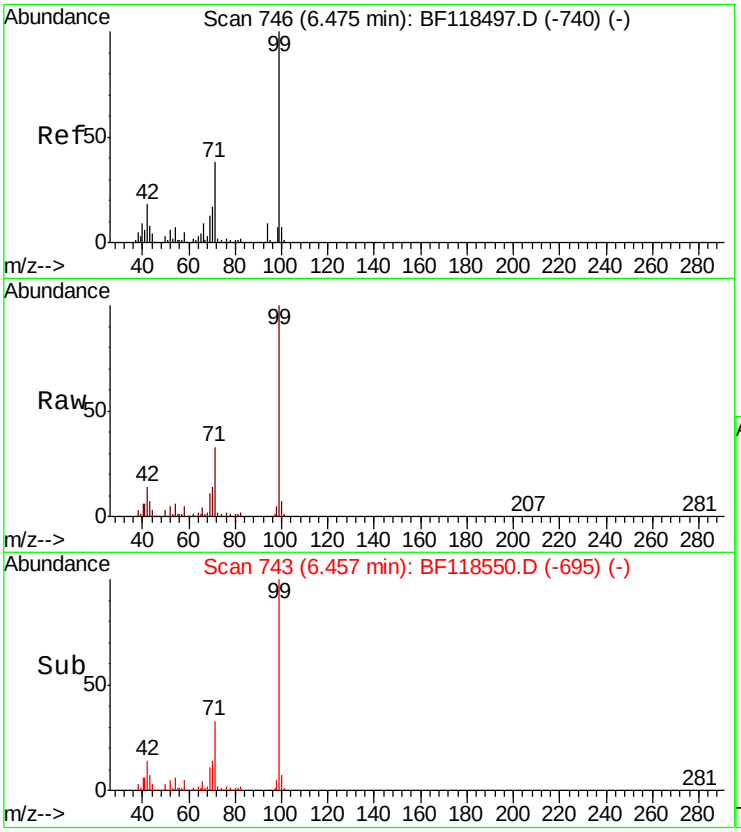


#5
2-Fluorophenol
Concen: 20.096 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF118550.D
Acq: 14 Jan 2020 00:22

Tgt Ion:112 Resp: 156806

Ion	Ratio	Lower	Upper
112	100		
64	48.5	41.1	61.7
63	24.1	24.1	36.1



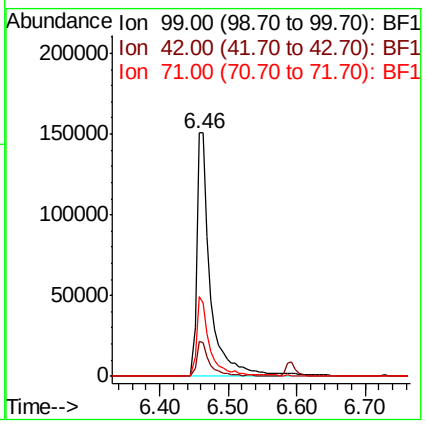


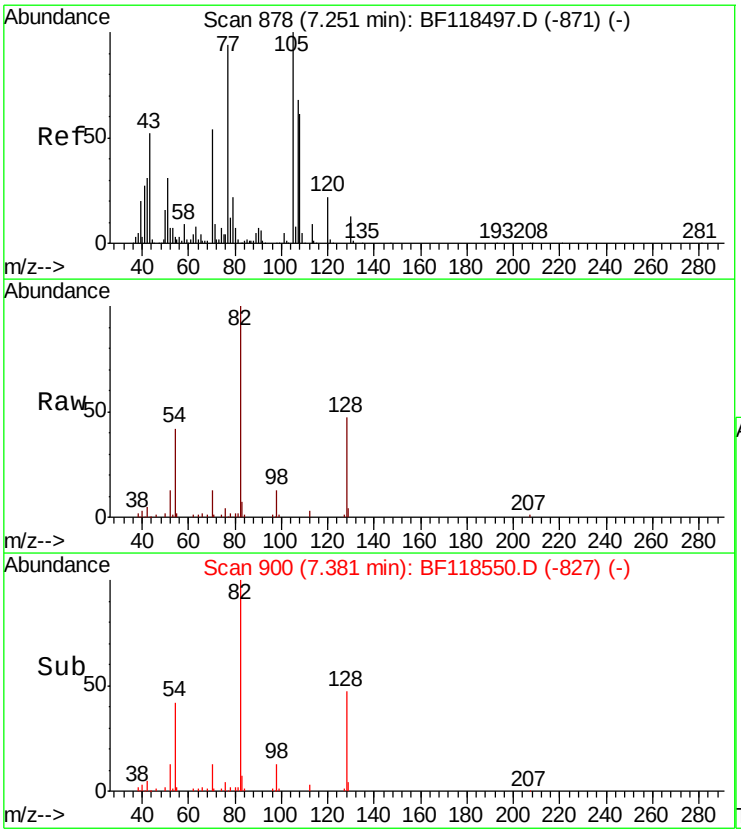
#7
Phenol-d6
Concen: 22.901 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.02 min
Lab File: BF118550.D
Acq: 14 Jan 2020 00:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 213636

Ion	Ratio	Lower	Upper
99	100		
42	14.4	14.5	21.7#
71	32.9	30.6	45.8

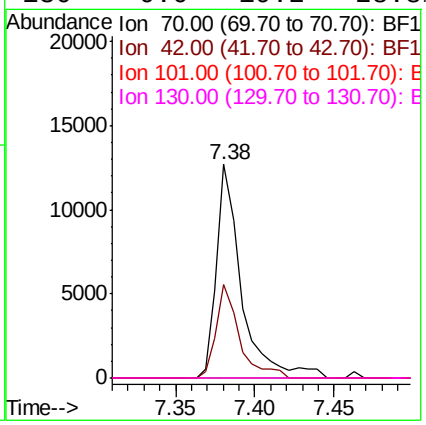


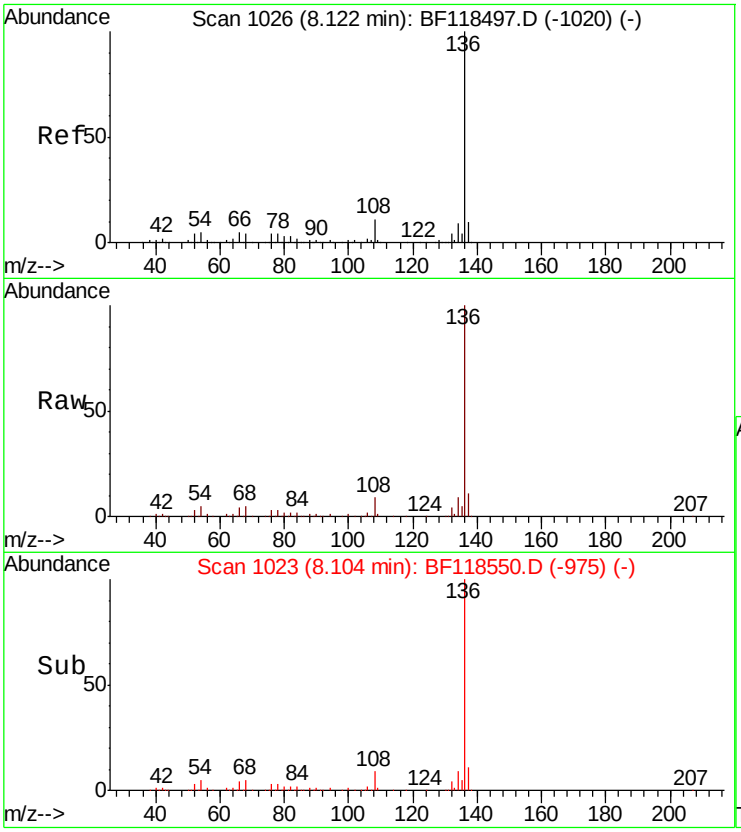


#19
n-Nitroso-di-n-propylamine
Concen: 2.310 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.13 min
Lab File: BF118550.D
Acq: 14 Jan 2020 00:22

Tgt Ion: 70 Resp: 13878

Ion	Ratio	Lower	Upper
70	100		
42	43.6	45.6	68.4#
101	0.0	8.2	12.2#
130	0.0	19.2	28.8#



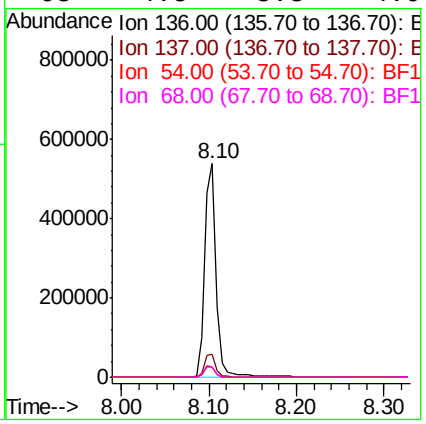


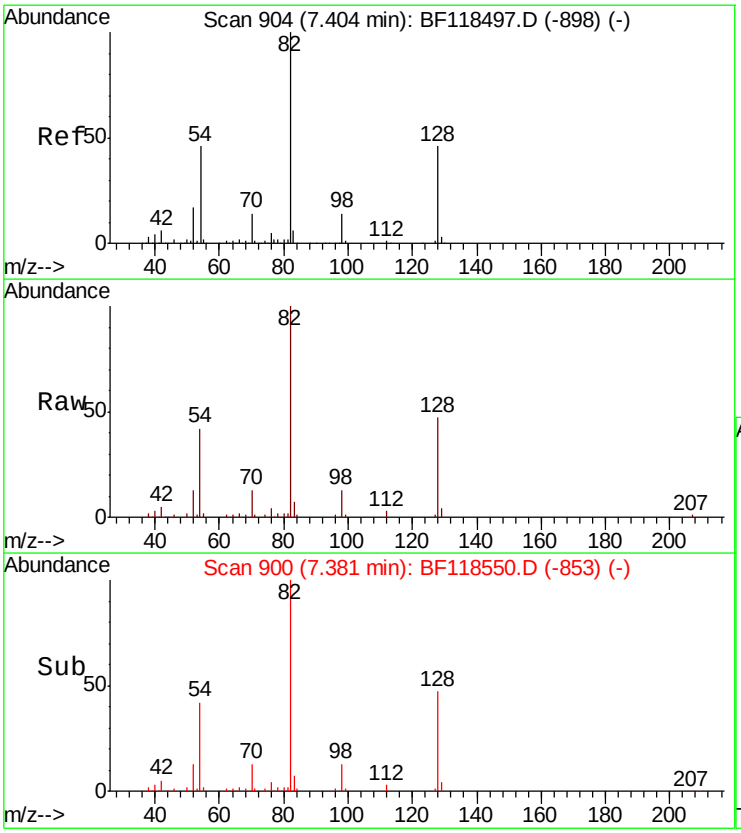
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF118550.D
Acq: 14 Jan 2020 00:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 490763

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.3	12.5
54	4.9	4.2	6.2
68	4.5	3.3	4.9

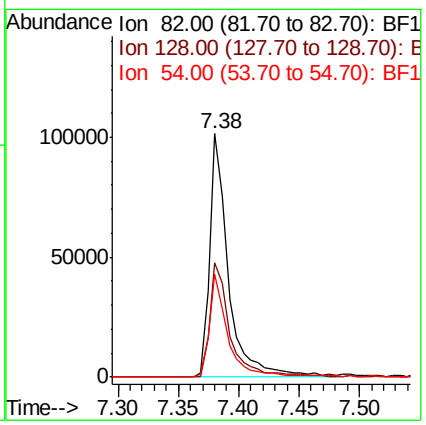


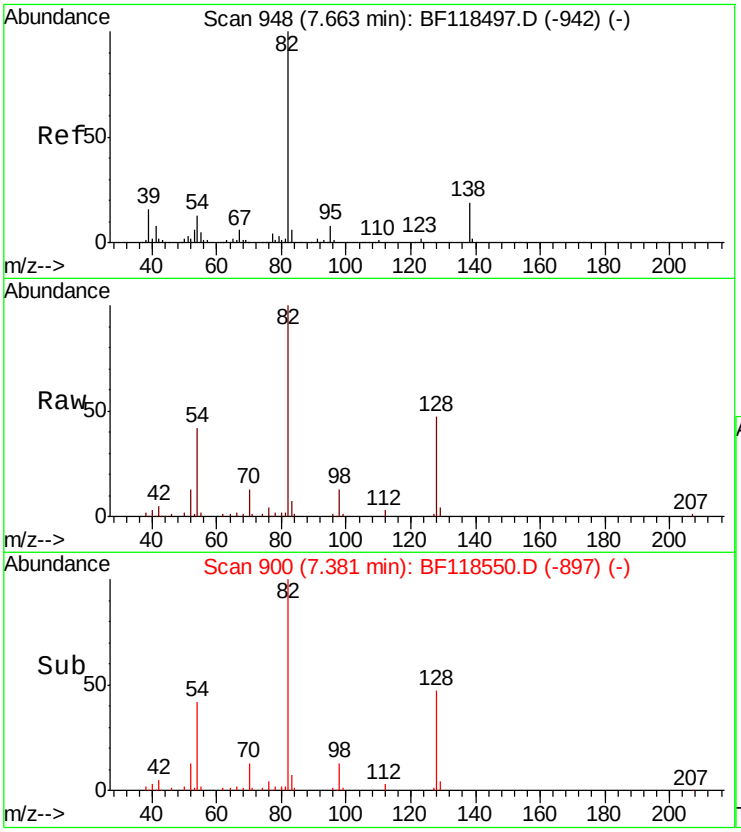


#23
Nitrobenzene-d5
Concen: 11.658 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.02 min
Lab File: BF118550.D
Acq: 14 Jan 2020 00:22

Tgt Ion: 82 Resp: 108915

Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.6	54.8
54	42.3	37.0	55.6



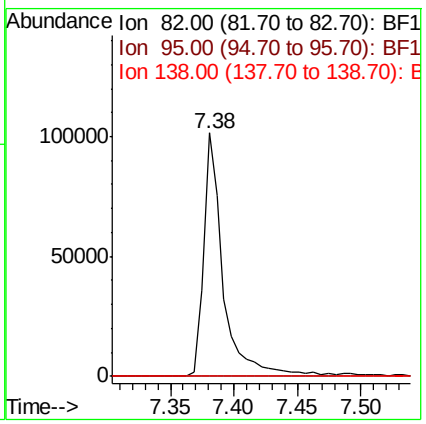


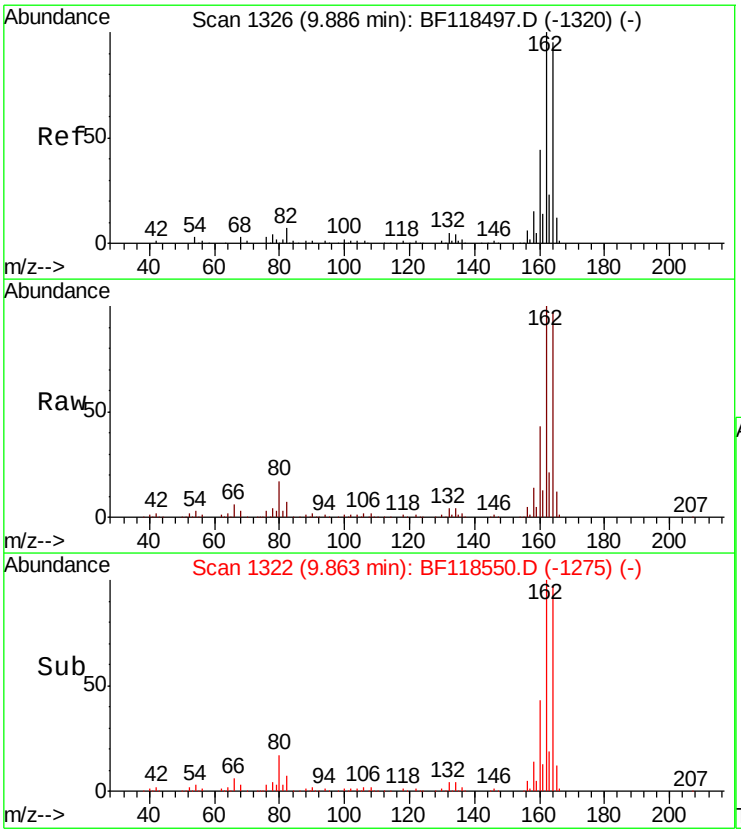
#25
Isophorone
Concen: 7.277 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.28 min
Lab File: BF118550.D
Acq: 14 Jan 2020 00:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 108915

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	9.8#
138	0.0	15.4	23.2#

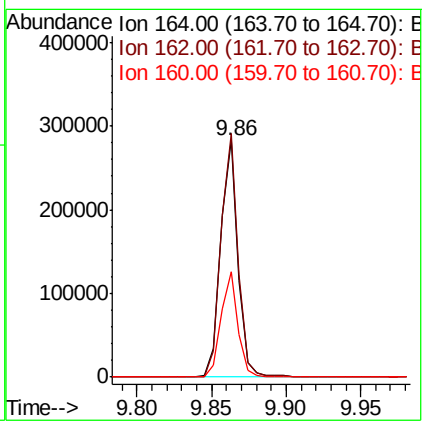


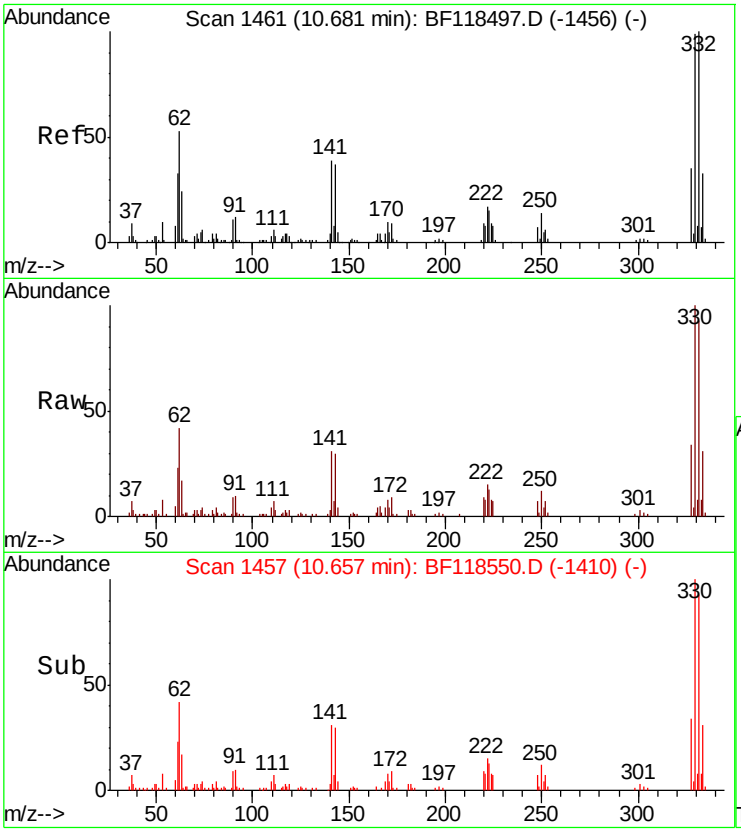


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF118550.D
Acq: 14 Jan 2020 00:22

Tgt Ion:164 Resp: 231908

Ion	Ratio	Lower	Upper
164	100		
162	102.7	84.2	126.4
160	44.5	36.8	55.2



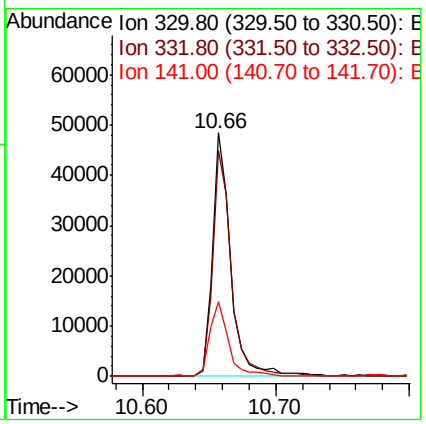


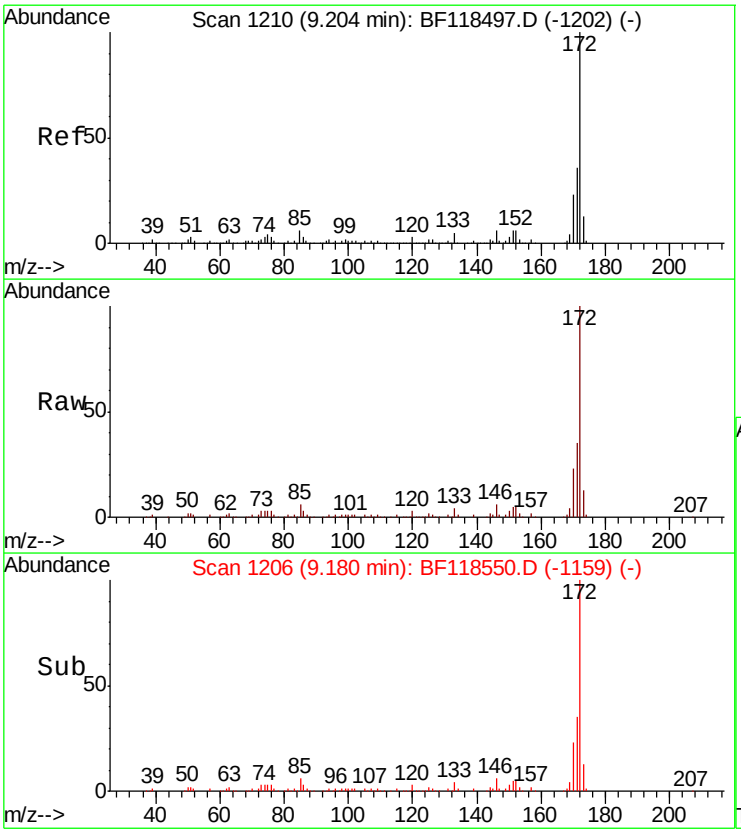
#42
2,4,6-Tribromophenol
Concen: 16.984 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF118550.D
Acq: 14 Jan 2020 00:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 46476

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.9	116.9
141	31.7	28.6	43.0

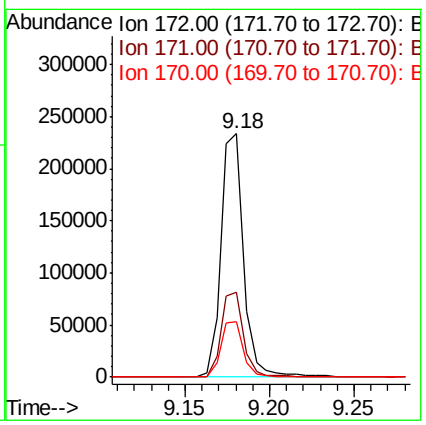


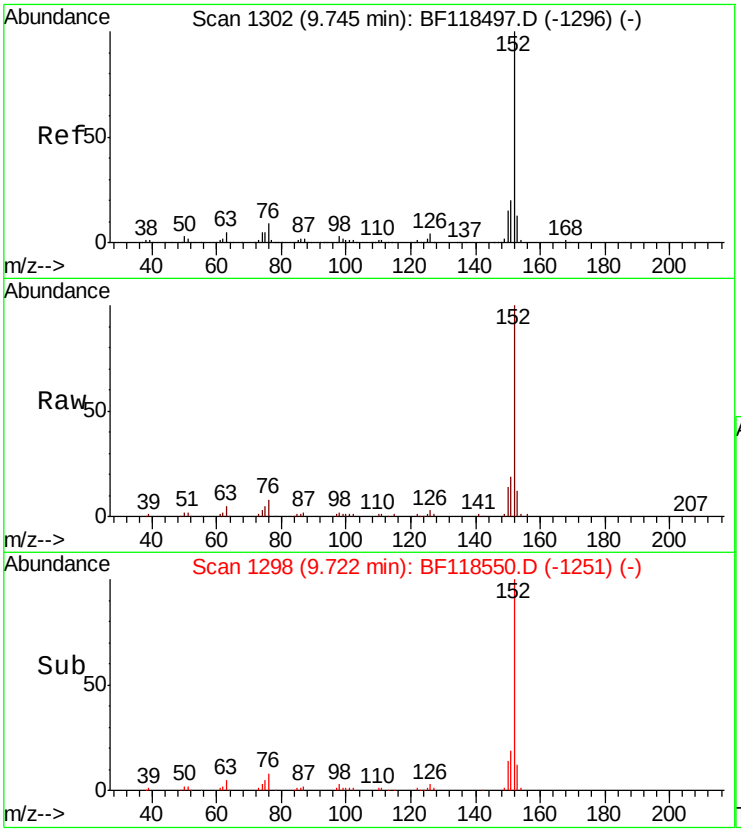


#45
2-Fluorobiphenyl
Concen: 13.444 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF118550.D
Acq: 14 Jan 2020 00:22

Tgt Ion:172 Resp: 217382

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	42.8
170	22.7	18.6	27.8



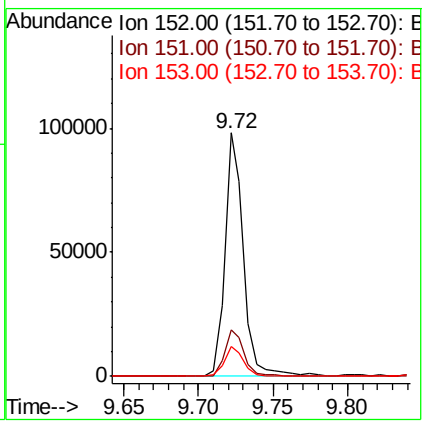


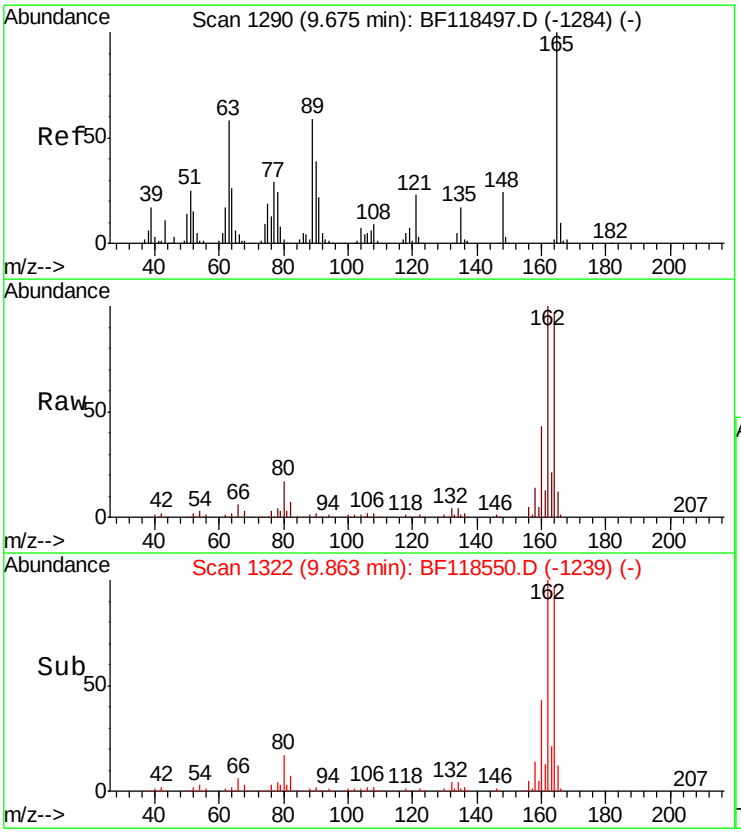
#49
Acenaphthylene
Concen: 3.872 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF118550.D
Acq: 14 Jan 2020 00:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 86449

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.3	24.5
153	12.2	10.6	16.0

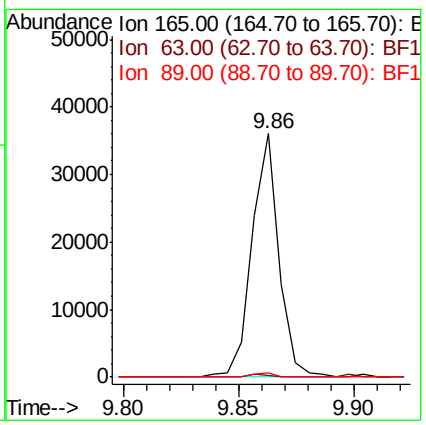


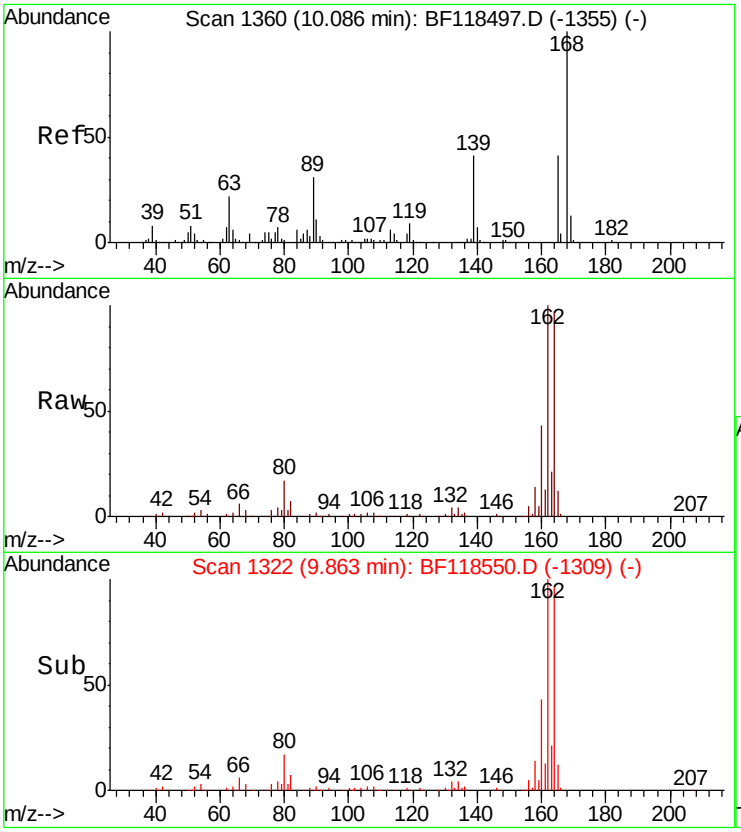


#51
2,6-Dinitrotoluene
Concen: 7.648 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.19 min
Lab File: BF118550.D
Acq: 14 Jan 2020 00:22

Tgt Ion:165 Resp: 29315

Ion	Ratio	Lower	Upper
165	100		
63	0.9	46.6	70.0#
89	1.5	47.5	71.3#



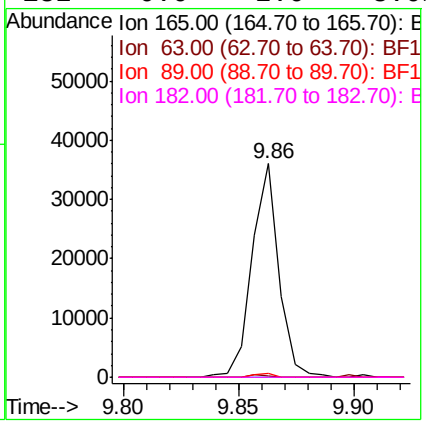


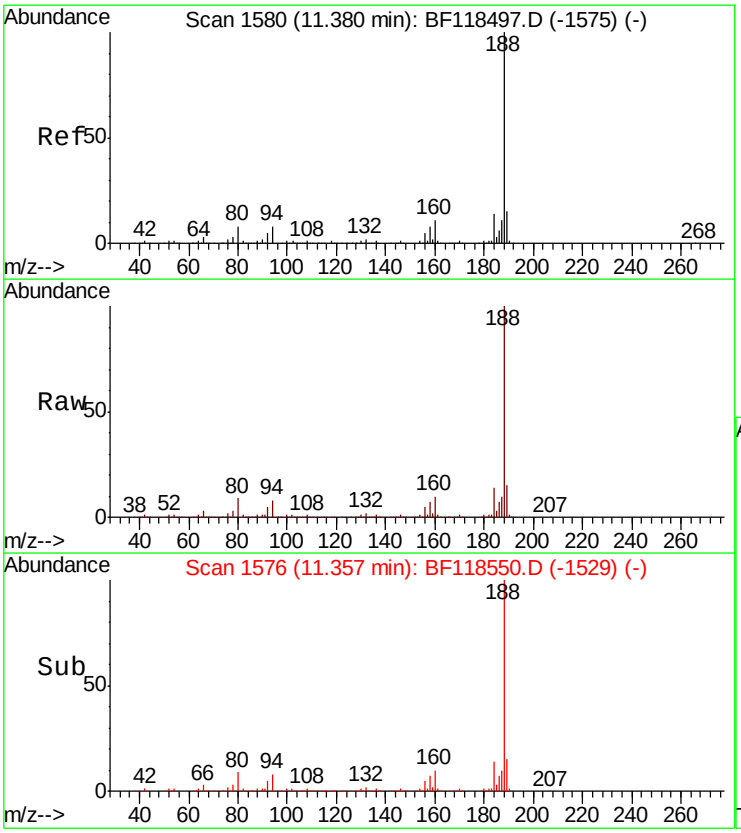
#57
2,4-Dinitrotoluene
Concen: 5.712 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.22 min
Lab File: BF118550.D
Acq: 14 Jan 2020 00:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 29315

Ion	Ratio	Lower	Upper
165	100		
63	0.9	44.1	66.1#
89	1.5	60.4	90.6#
182	0.0	2.0	3.0#

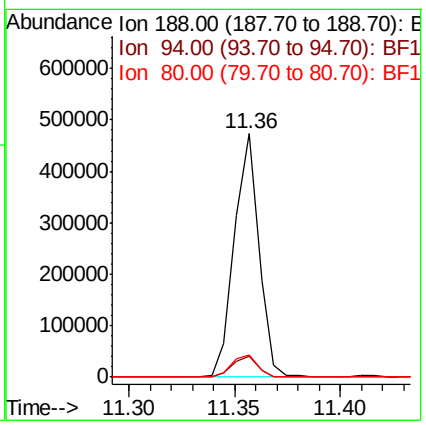


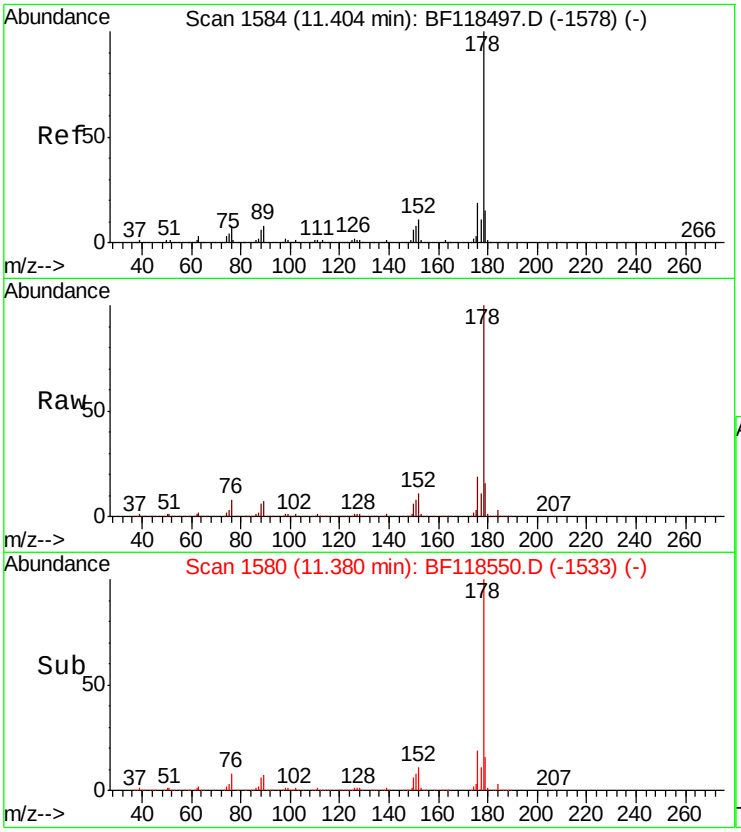


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.02 min
Lab File: BF118550.D
Acq: 14 Jan 2020 00:22

Tgt Ion:188 Resp: 379283

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.2	9.4
80	9.0	6.6	10.0



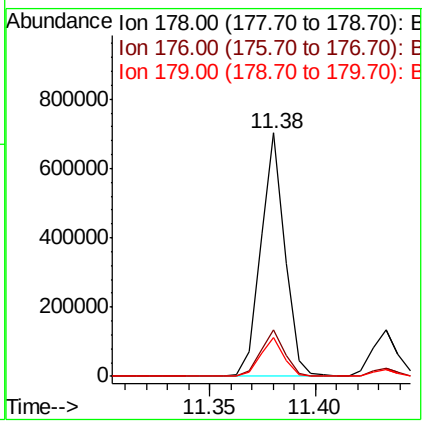


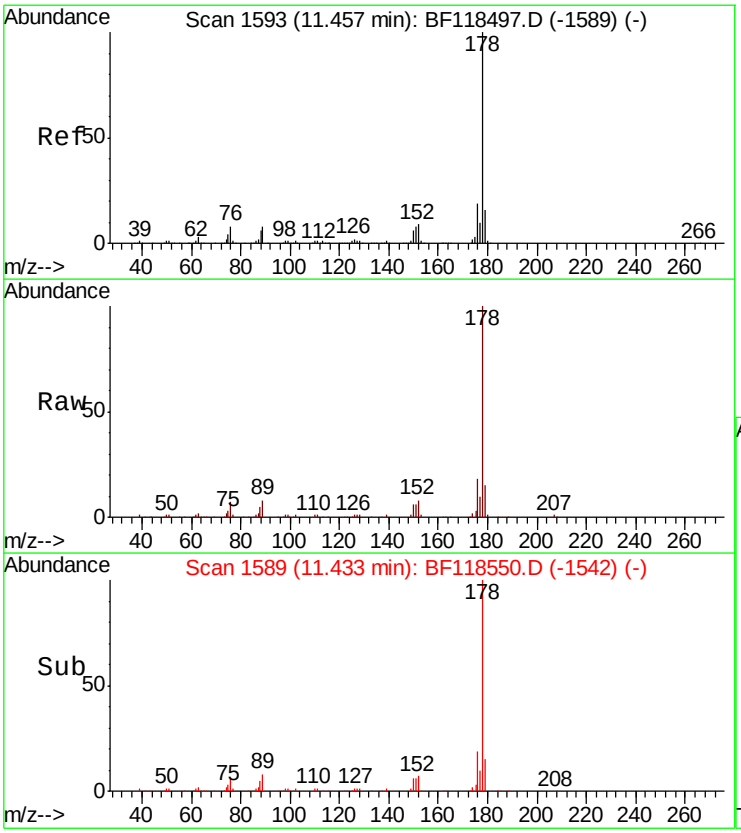
#71
Phenanthrene
Concen: 26.204 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF118550.D
Acq: 14 Jan 2020 00:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 556743

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.8	12.3	18.5

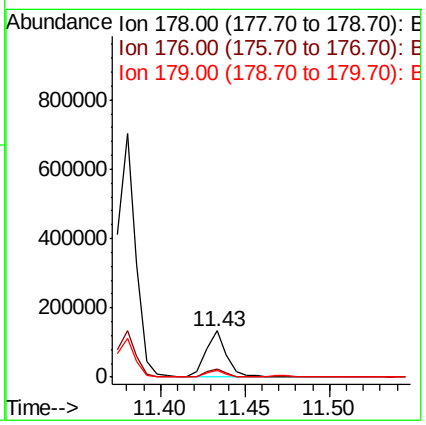


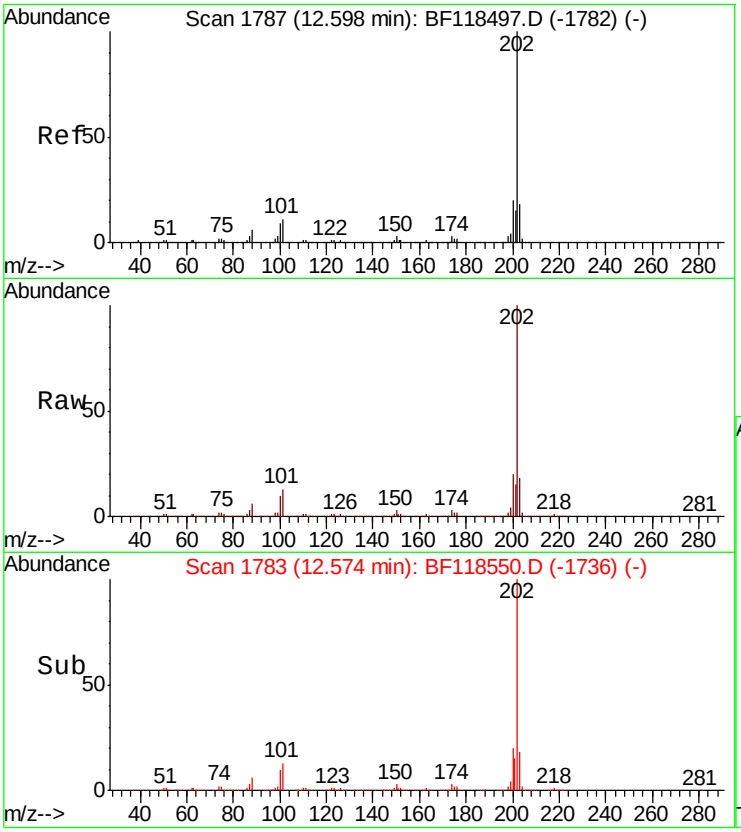


#72
Anthracene
Concen: 5.384 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BF118550.D
Acq: 14 Jan 2020 00:22

Tgt Ion:178 Resp: 113806

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.3	12.6	19.0



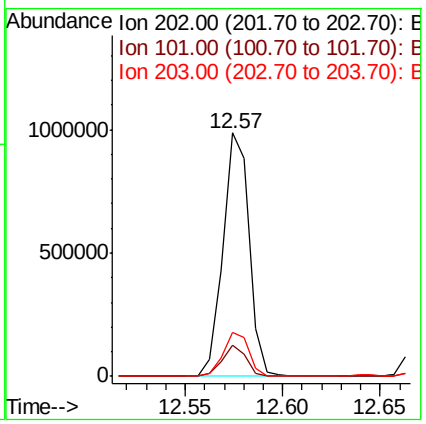


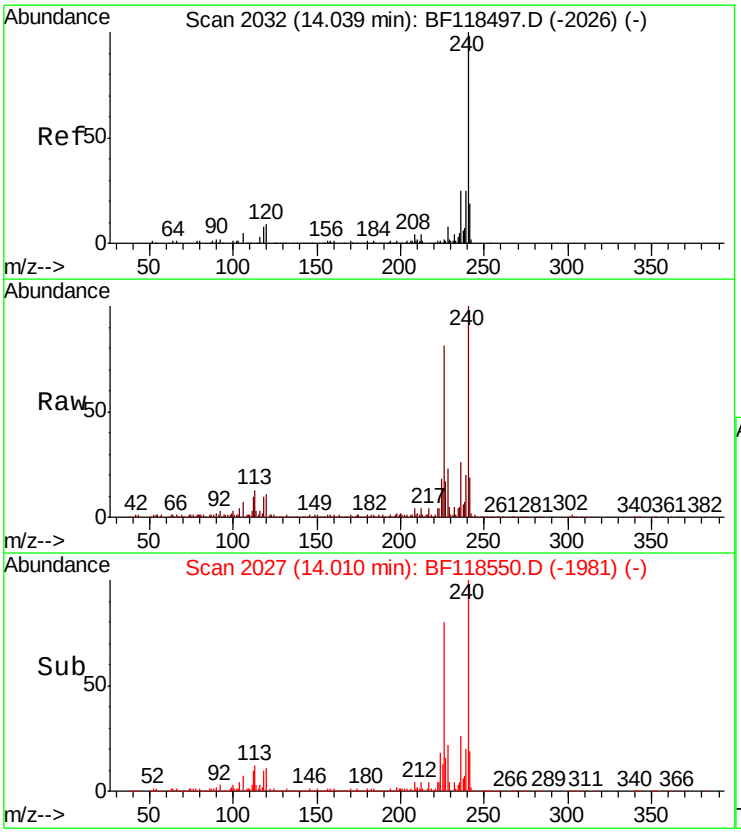
#75
Fluoranthene
Concen: 42.432 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BF118550.D
Acq: 14 Jan 2020 00:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 916341

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.4
203	18.1	0.0	38.1

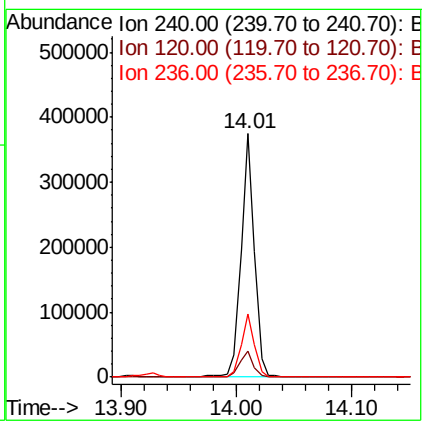


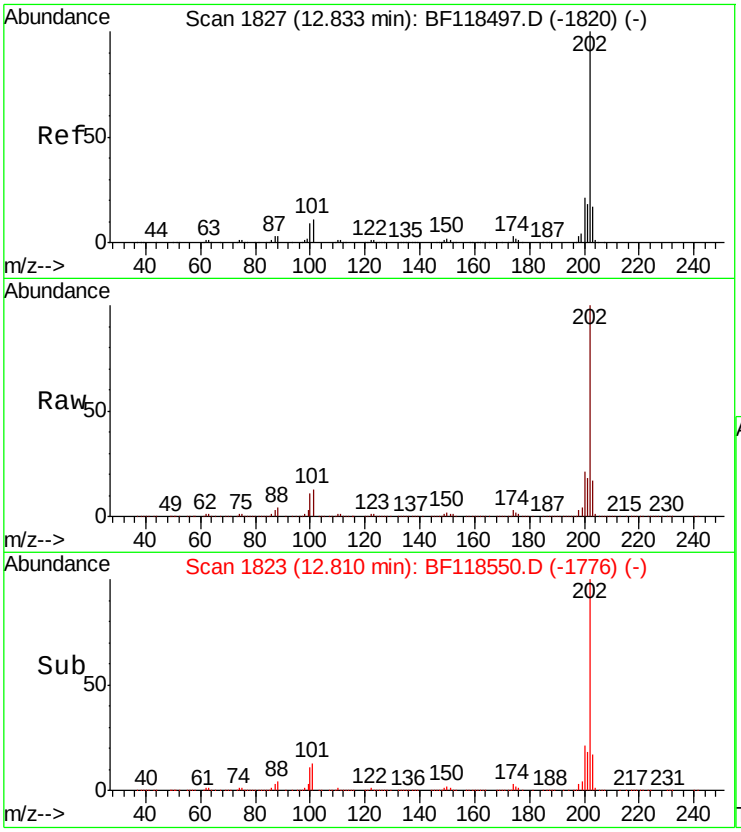


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.03 min
Lab File: BF118550.D
Acq: 14 Jan 2020 00:22

Tgt Ion:240 Resp: 296948

Ion	Ratio	Lower	Upper
240	100		
120	10.8	7.0	10.6#
236	25.7	20.1	30.1



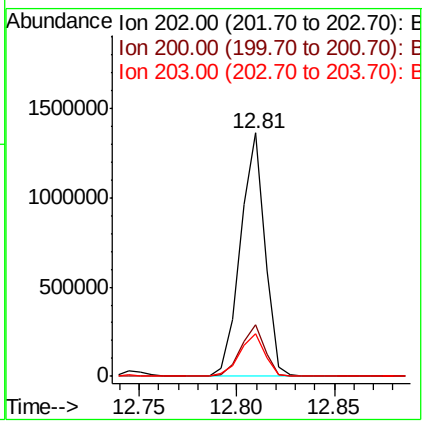


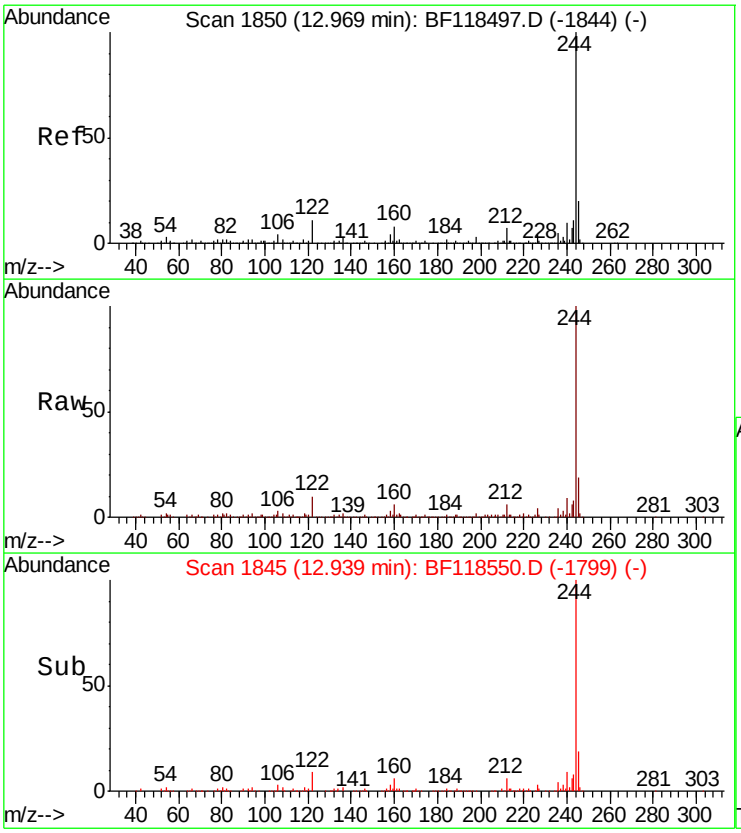
#78
Pyrene
Concen: 48.401 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BF118550.D
Acq: 14 Jan 2020 00:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1182520

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.4	13.9	20.9

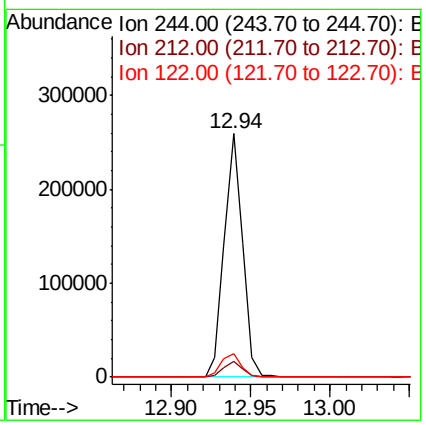


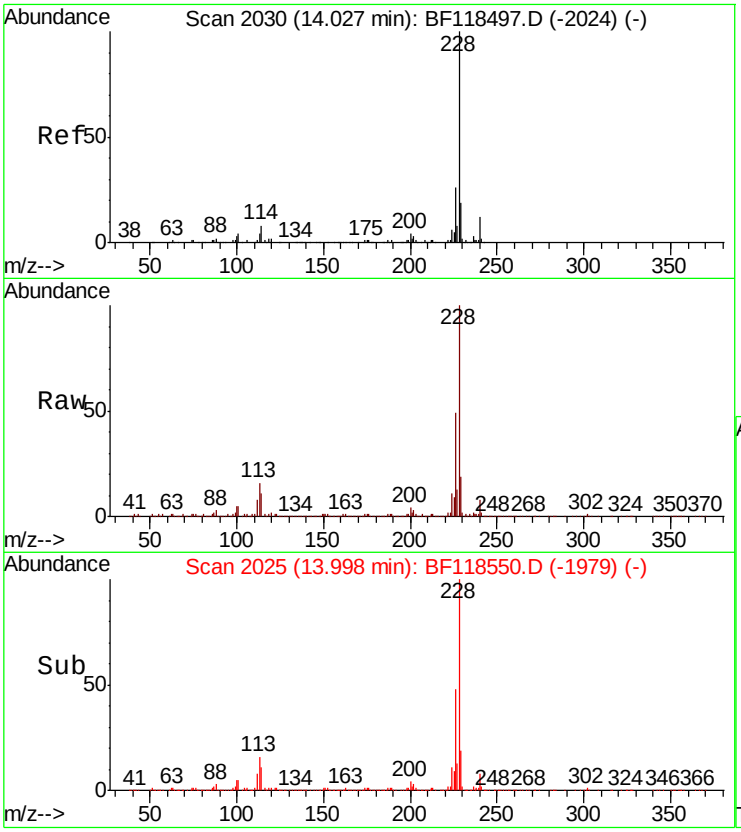


#79
Terphenyl-d14
Concen: 11.122 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.03 min
Lab File: BF118550.D
Acq: 14 Jan 2020 00:22

Tgt Ion:244 Resp: 208408

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	9.6	9.0	13.6



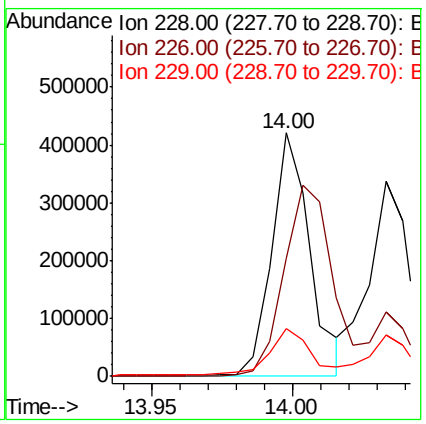


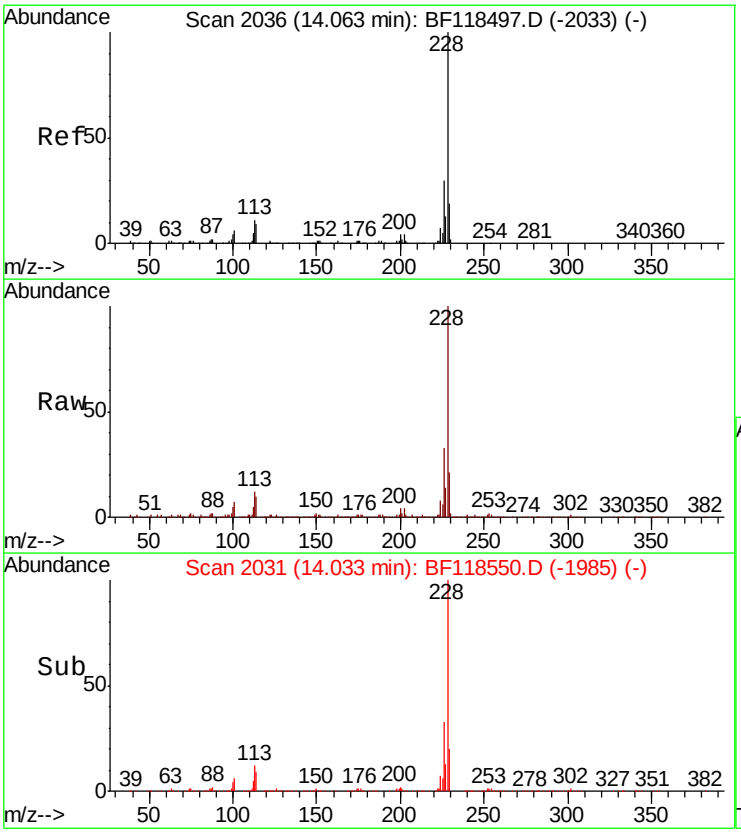
#81
Benzo(a)anthracene
Concen: 18.862 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BF118550.D
Acq: 14 Jan 2020 00:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 392045

Ion	Ratio	Lower	Upper
228	100		
226	48.5	20.7	31.1#
229	19.5	15.4	23.2

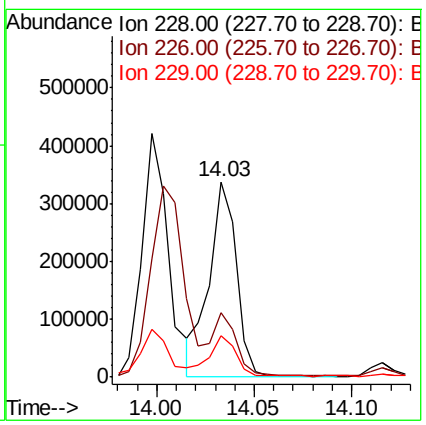


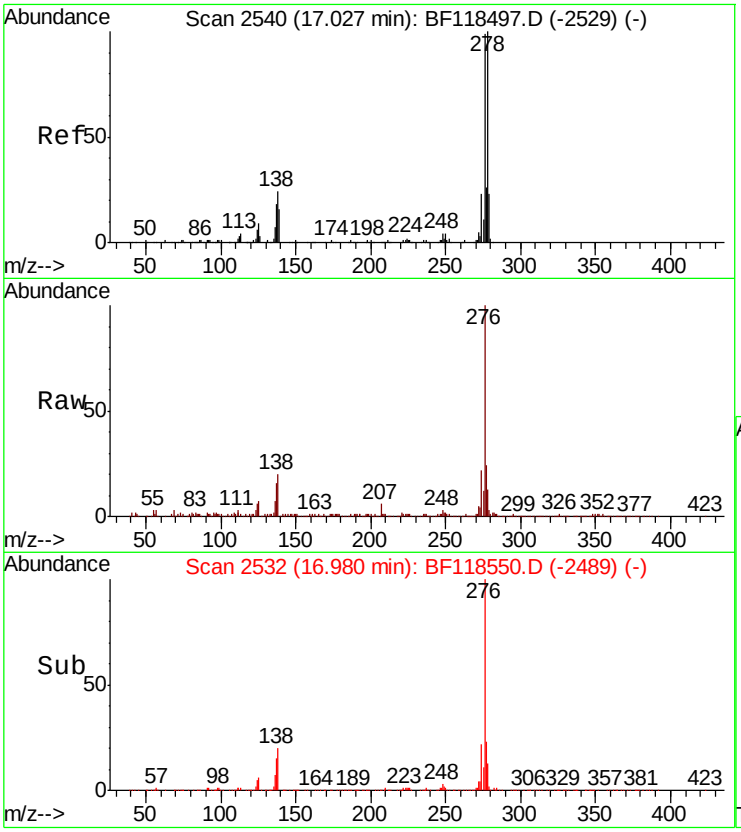


#83
Chrysene
Concen: 16.280 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.03 min
Lab File: BF118550.D
Acq: 14 Jan 2020 00:22

Tgt Ion:228 Resp: 328818

Ion	Ratio	Lower	Upper
228	100		
226	33.1	23.6	35.4
229	21.0	15.6	23.4



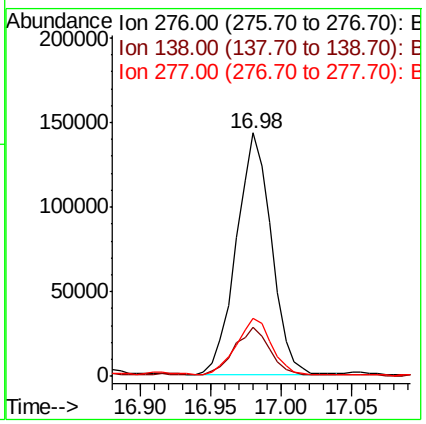


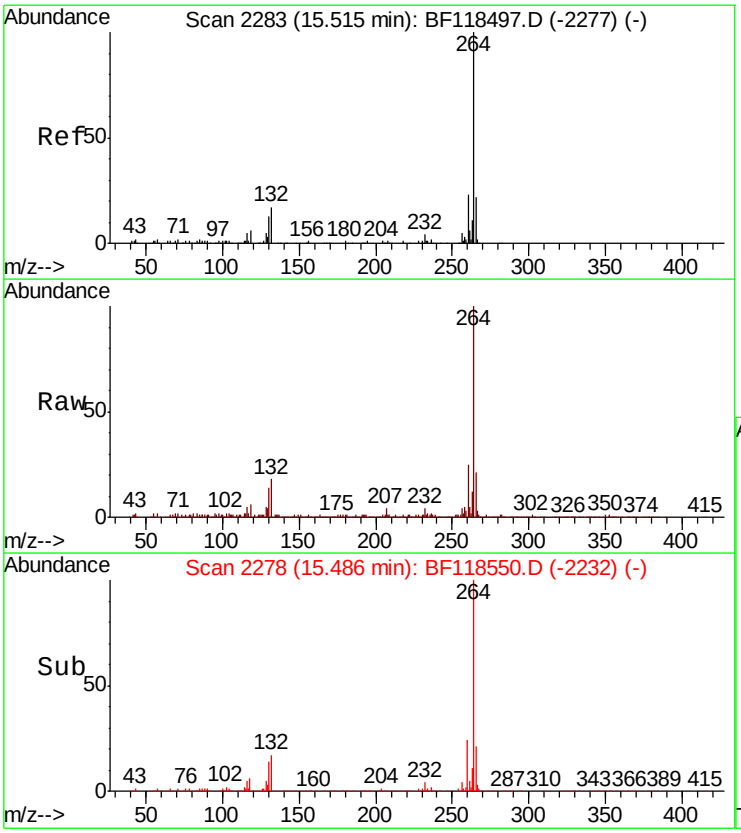
#86
Indeno(1,2,3-cd)pyrene
Concen: 15.221 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.05 min
Lab File: BF118550.D
Acq: 14 Jan 2020 00:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 247510

Ion	Ratio	Lower	Upper
276	100		
138	20.0	19.0	28.4
277	23.5	20.5	30.7

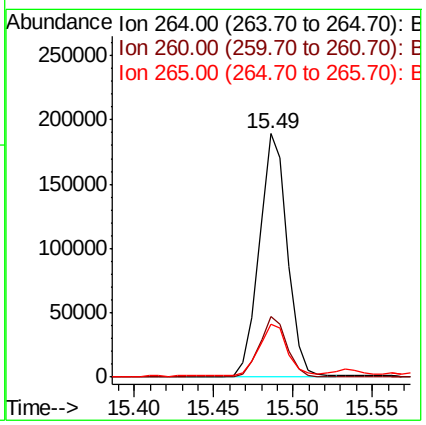


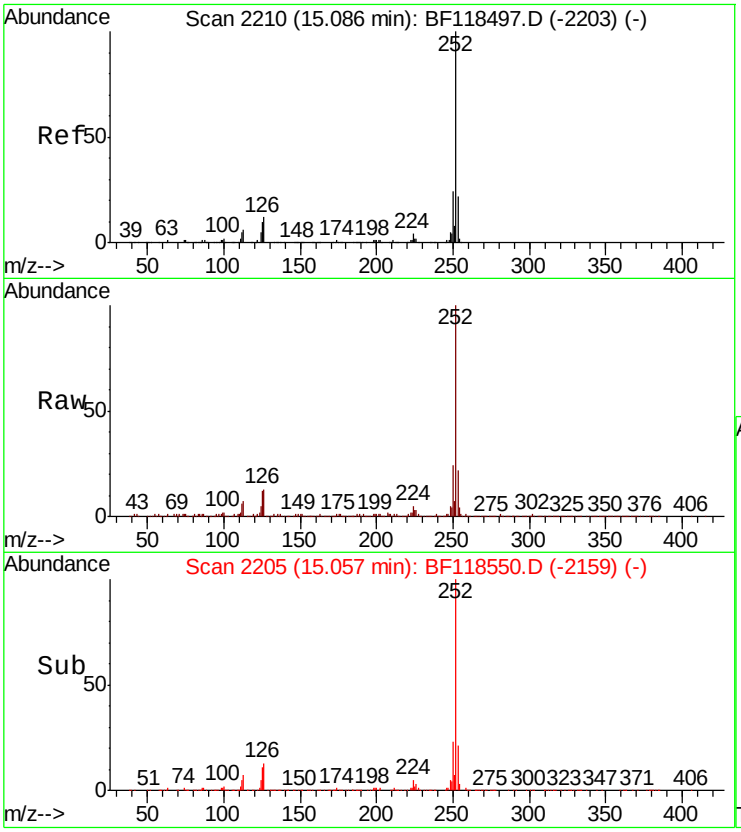


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.03 min
Lab File: BF118550.D
Acq: 14 Jan 2020 00:22

Tgt Ion:264 Resp: 232685

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.8	28.2
265	21.5	17.5	26.3



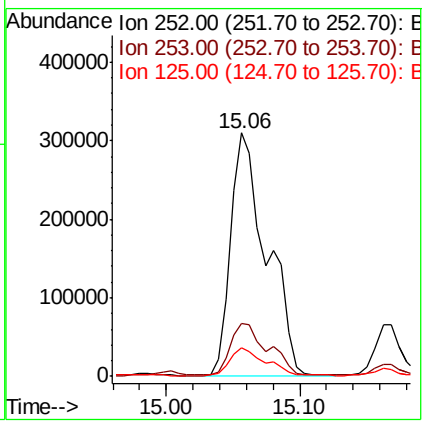


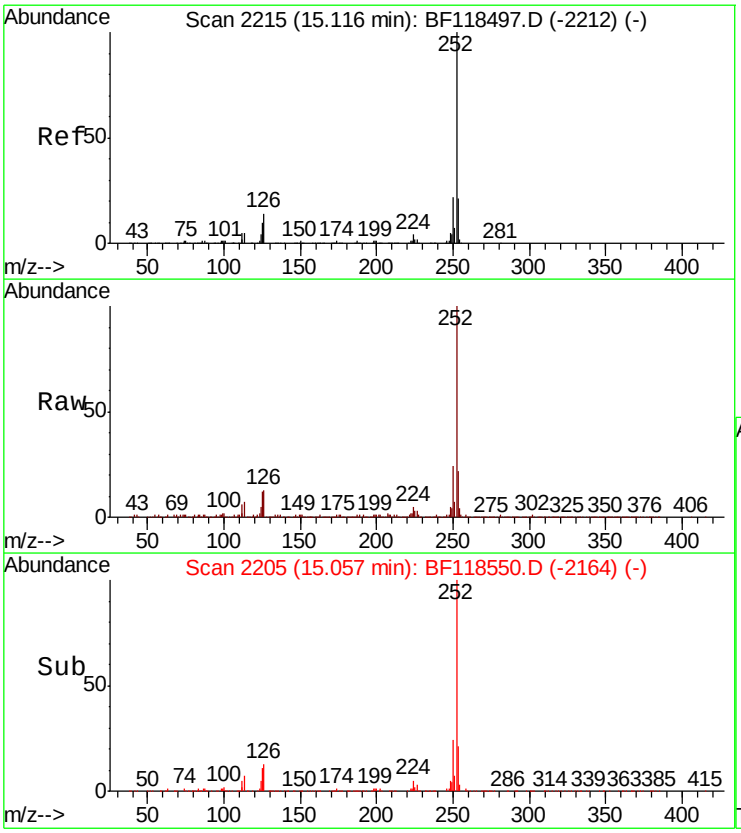
#88
Benzo(b)fluoranthene
Concen: 34.611 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.03 min
Lab File: BF118550.D
Acq: 14 Jan 2020 00:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 582247

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	11.9	7.8	11.6#

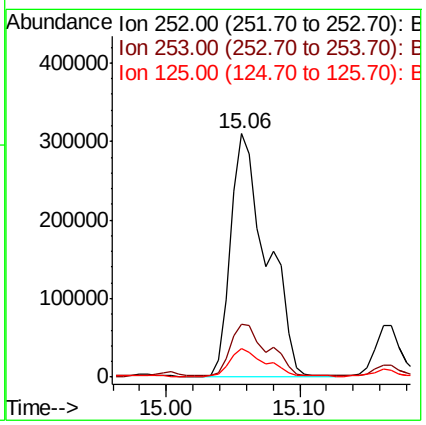


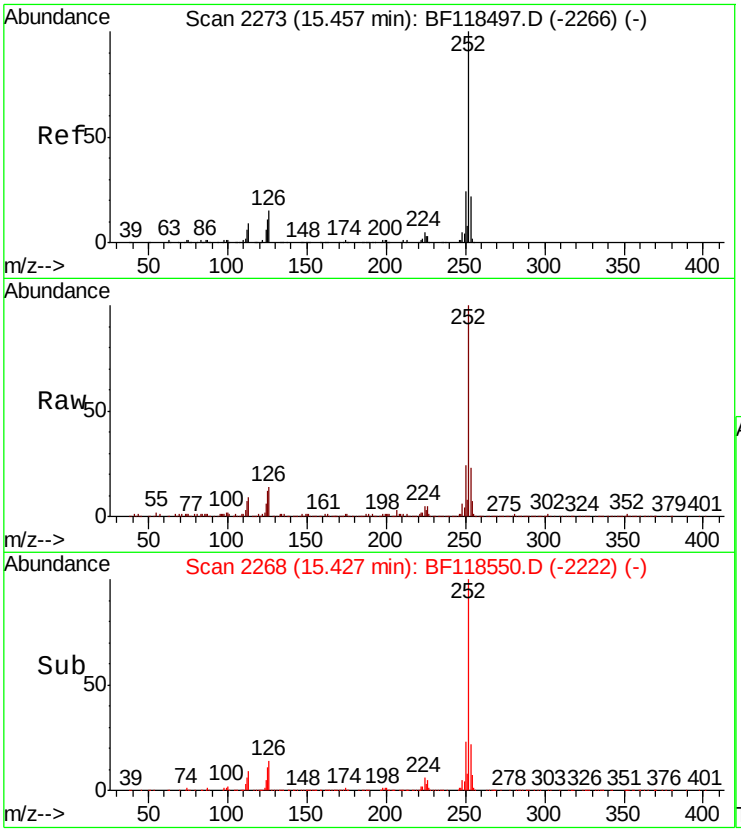


#89
Benzo(k)fluoranthene
Concen: 36.260 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.06 min
Lab File: BF118550.D
Acq: 14 Jan 2020 00:22

Tgt Ion:252 Resp: 582247

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.4
125	11.9	7.8	11.6#



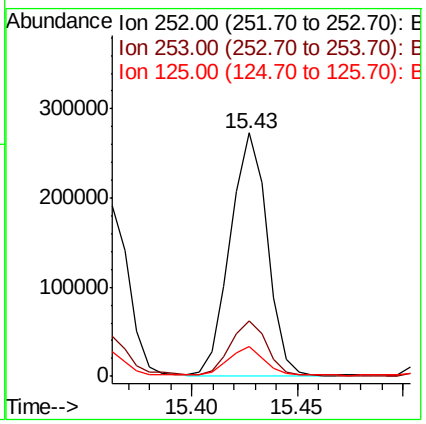


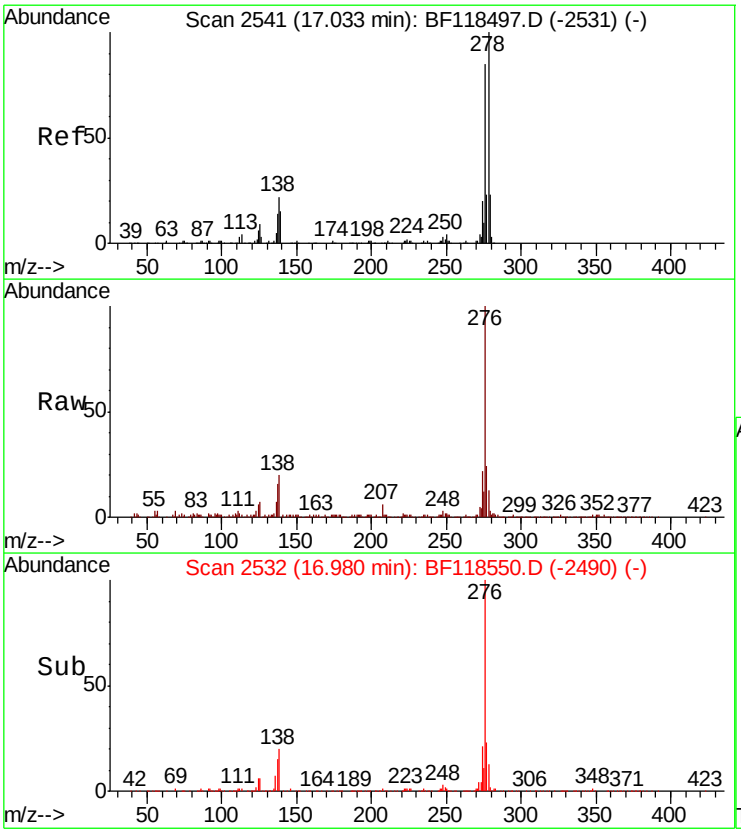
#90
Benzo(a)pyrene
Concen: 24.012 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.03 min
Lab File: BF118550.D
Acq: 14 Jan 2020 00:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 331038

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	12.1	9.0	13.6

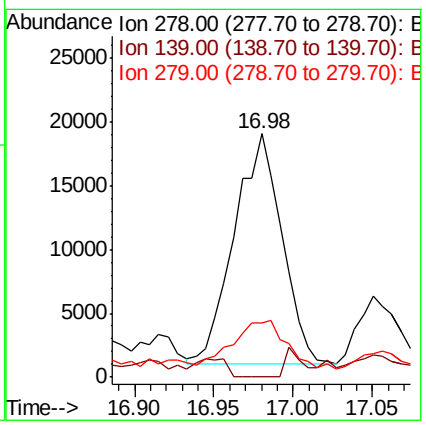


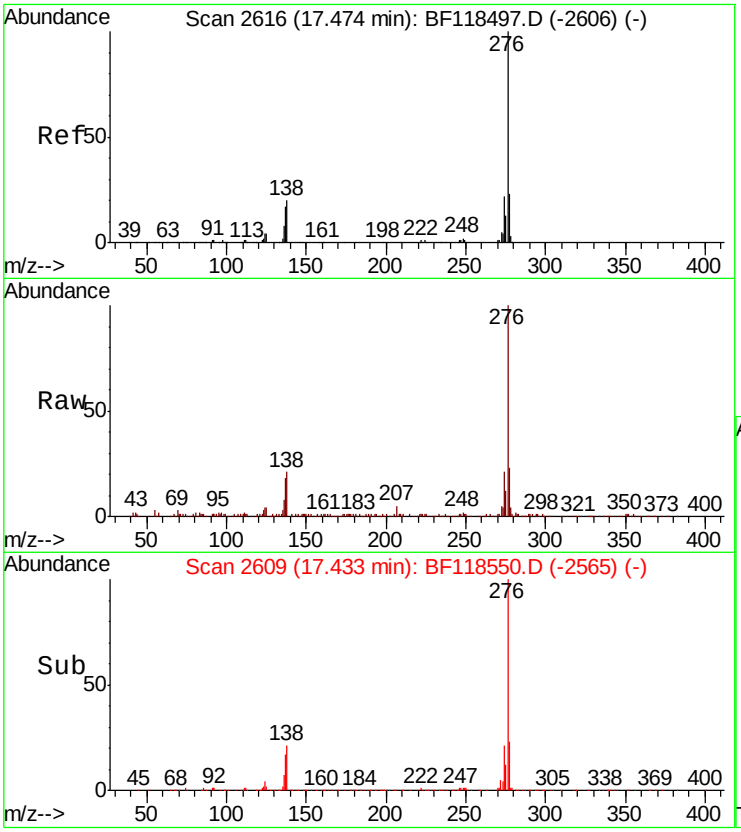


#91
Dibenzo(a,h)anthracene
Concen: 2.914 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.05 min
Lab File: BF118550.D
Acq: 14 Jan 2020 00:22

Tgt Ion:278 Resp: 37670

Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.9	17.9#
279	22.5	18.6	27.8





#92
Benzo(g,h,i)perylene
Concen: 21.580 ng
RT: 17.43 min Scan# 2609
Delta R.T. -0.04 min
Lab File: BF118550.D
Acq: 14 Jan 2020 00:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 264316

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.2	27.4
138	21.0	16.3	24.5