Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121019\
Data File : BF118163.D
Acq On : 10 Dec 2019 13:18
Operator : JU
Sample : K6118-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 10 14:41:20 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	6.87	152	87267	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	344544	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	178657	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	293879	20.00	ng		0.00
76) Chrysene-d12	14.06	240	226527	20.00	ng		0.00
87) Perylene-d12	15.56	264	250012	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	241522	48.47	ng		0.00
7) Phenol-d6	6.49	99	305835	50.75	ng		0.00
23) Nitrobenzene-d5	7.43	82	179758	29.35	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	86938	40.06	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	358375	30.52	ng		0.00
79) Terphenyl-d14	13.00	244	329262	25.00	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	449	Below Cal		#	1
25) Isophorone	7.43	82	173688	16.730	ng	#	62
49) Acenaphthylene	9.77	152	39947	2.390	ng		99
50) Dimethylphthalate	9.63	163	35473	2.688	ng	#	97
54) 2,4-Dinitrophenol	9.96	184	4306	3.016	ng	#	32
58) Fluorene	10.46	166	46186	3.887	ng		99
71) Phenanthrene	11.43	178	310179	19.855	ng		99
72) Anthracene	11.49	178	88405	5.673	ng		99
75) Fluoranthene	12.63	202	480449	30.080	ng		99
78) Pyrene	12.86	202	495823	27.775	ng		98
81) Benzo(a)anthracene	14.05	228	268324	17.130	ng		98
83) Chrysene	14.09	228	228780	15.290	ng		97
86) Indeno(1,2,3-cd)pyrene	17.07	276	84565	6.717	ng		96
88) Benzo(b)fluoranthene	15.12	252	368404	22.280	ng		98
89) Benzo(k)fluoranthene	15.12	252	368404	23.193	ng	#	97
90) Benzo(a)pyrene	15.49	252	210160	14.391	ng		98
92) Benzo(g,h,i)perylene	17.53	276	77746	6.459	ng		94

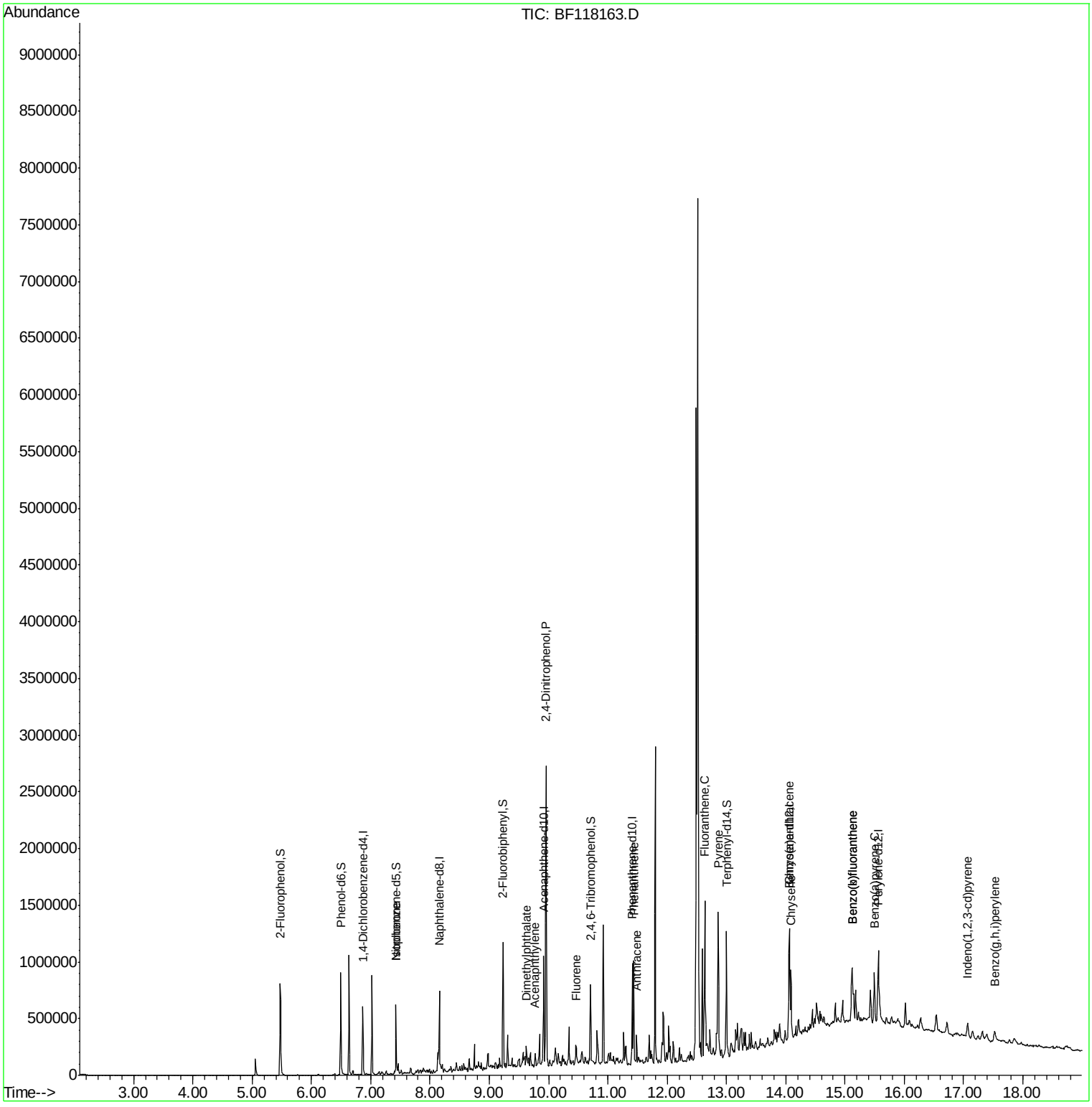
(#) = qualifier out of range (m) = manual integration (+) = signals summed

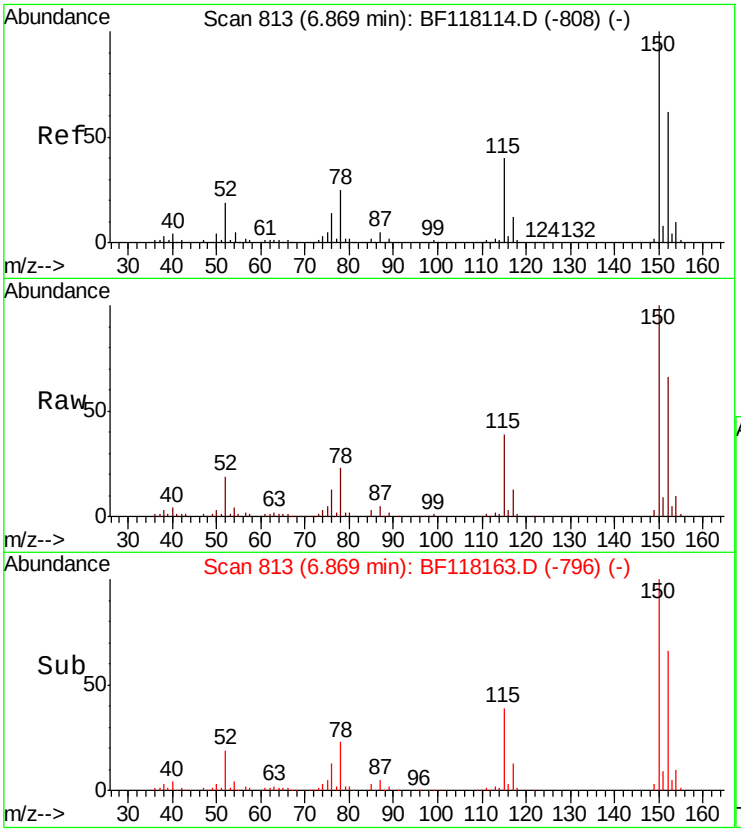
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121019\
Data File : BF118163.D
Acq On : 10 Dec 2019 13:18
Operator : JU
Sample : K6118-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 10 14:41:20 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



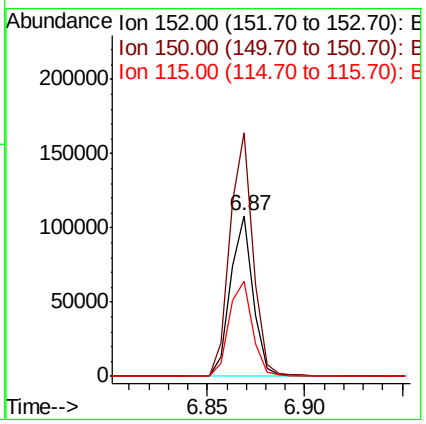


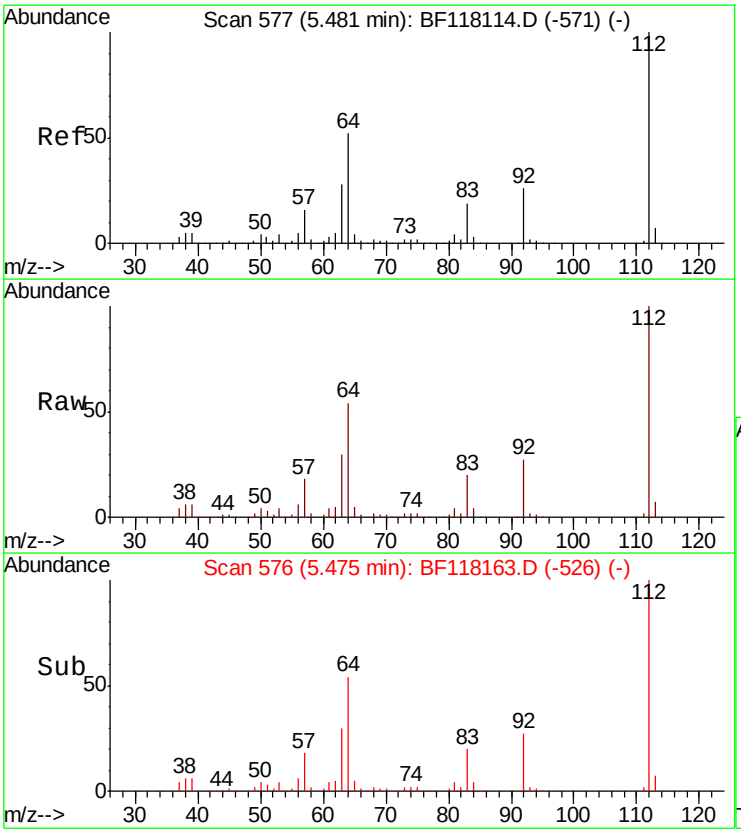
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118163.D
Acq: 10 Dec 2019 13:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 87267

Ion	Ratio	Lower	Upper
152	100		
150	151.3	128.3	192.5
115	59.5	51.1	76.7

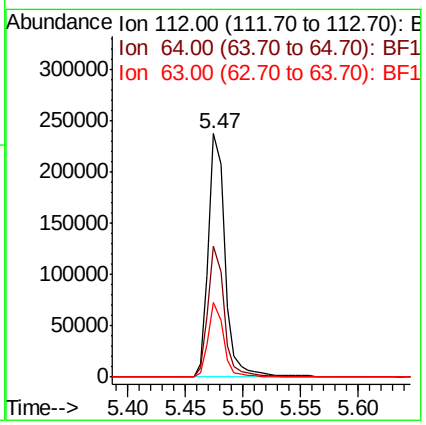


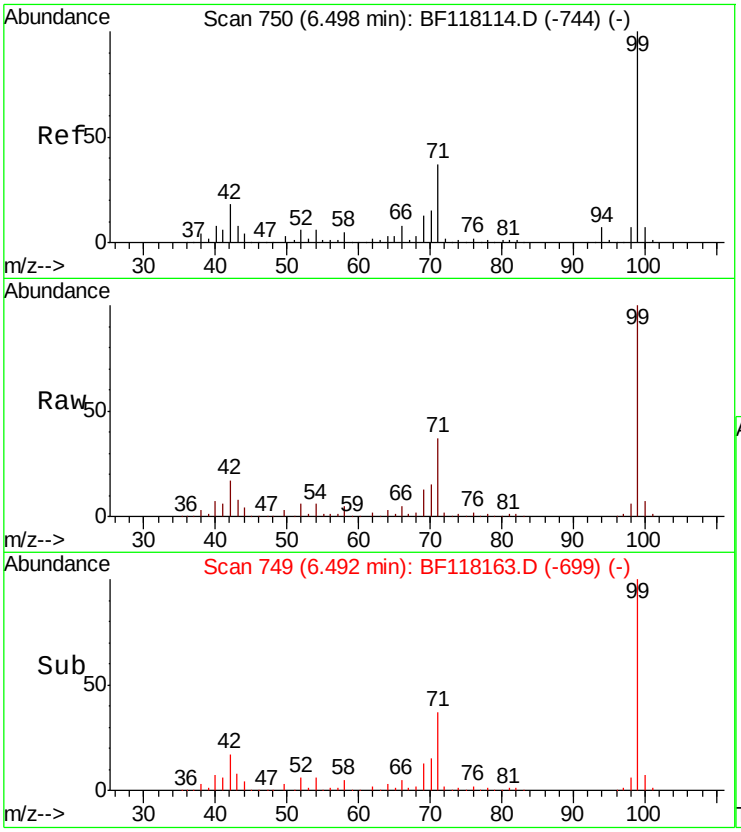


#5
2-Fluorophenol
Concen: 48.474 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF118163.D
Acq: 10 Dec 2019 13:18

Tgt Ion:112 Resp: 241522

Ion	Ratio	Lower	Upper
112	100		
64	53.6	41.3	61.9
63	30.4	22.4	33.6



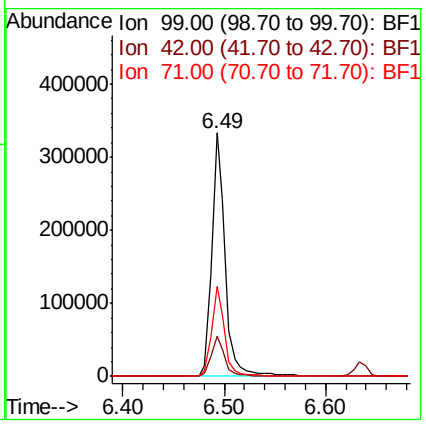


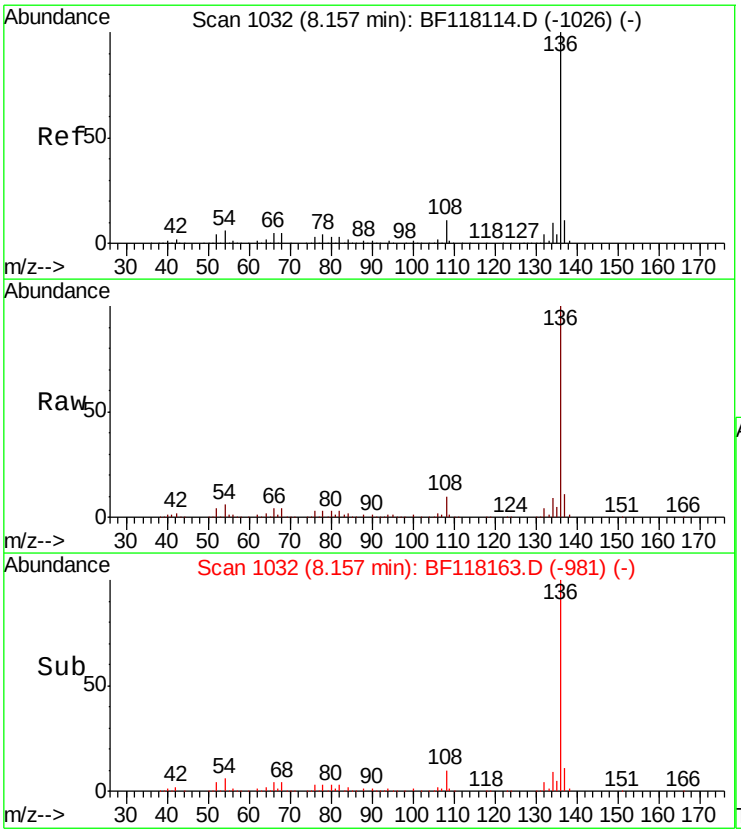
#7
Phenol-d6
Concen: 50.748 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF118163.D
Acq: 10 Dec 2019 13:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 305835

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.1	21.1
71	37.0	29.7	44.5

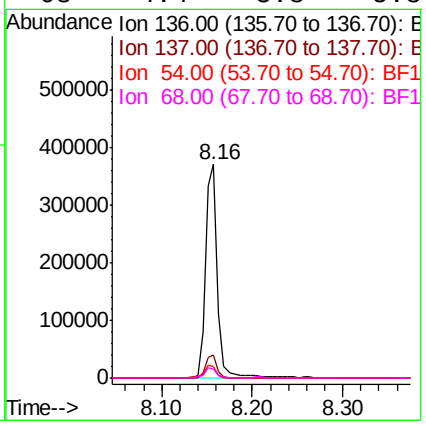


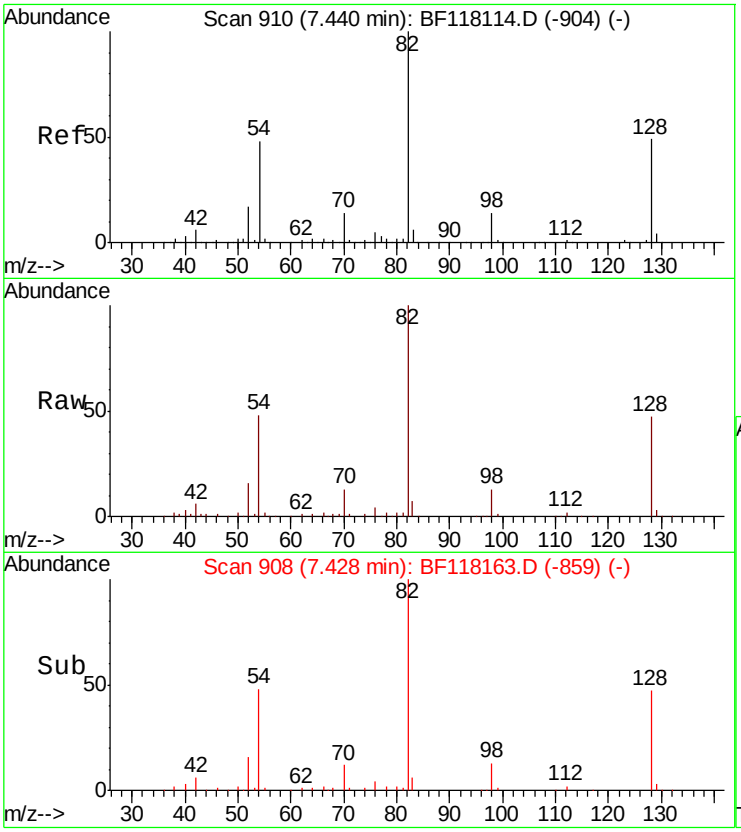


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF118163.D
Acq: 10 Dec 2019 13:18

Tgt Ion:136 Resp: 344544

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	5.7	5.0	7.6
68	4.4	3.8	5.8



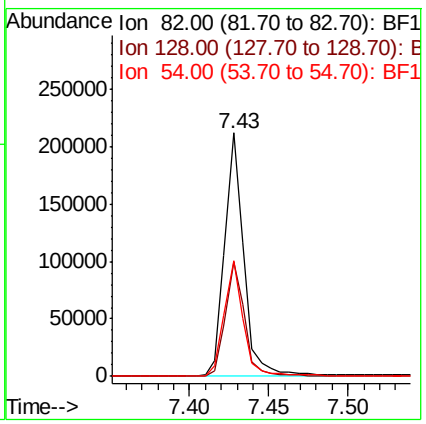


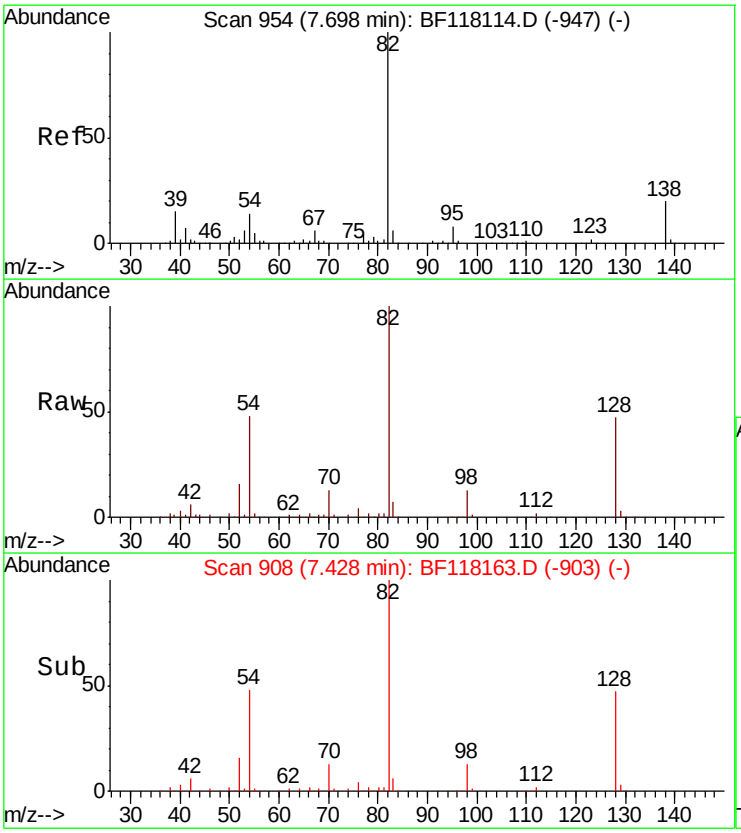
#23
Nitrobenzene-d5
Concen: 29.351 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118163.D
Acq: 10 Dec 2019 13:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 179758

Ion	Ratio	Lower	Upper
82	100		
128	46.8	39.1	58.7
54	47.6	38.2	57.2

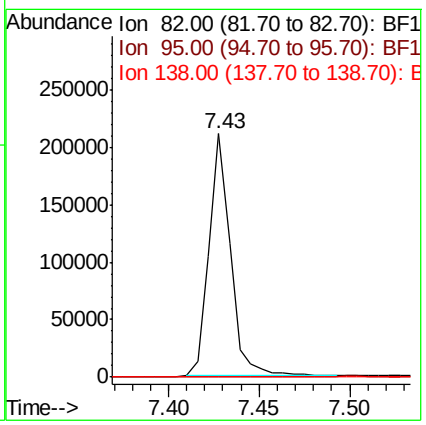


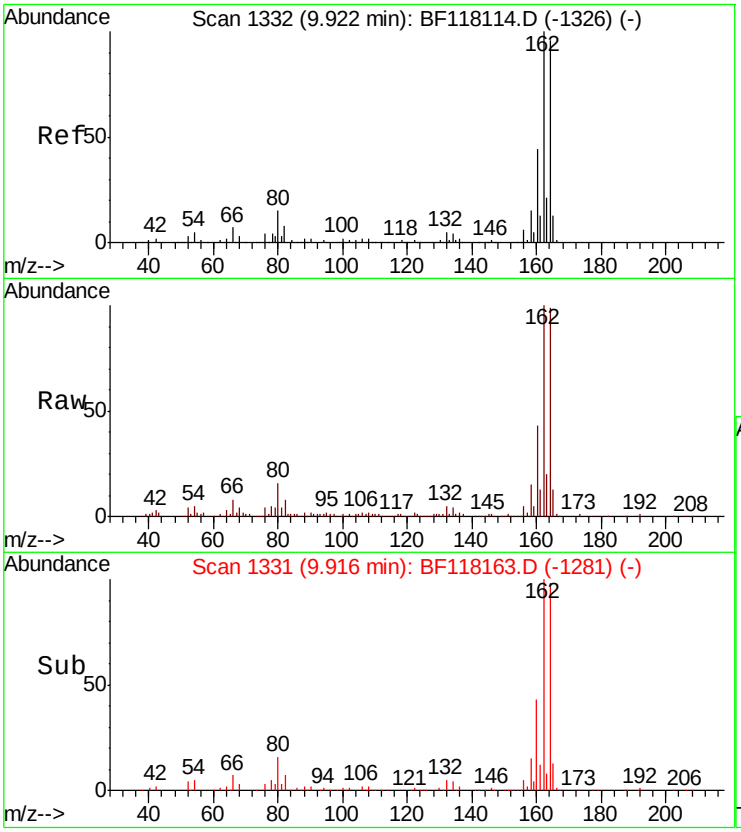


#25
Isophorone
Concen: 16.730 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.27 min
Lab File: BF118163.D
Acq: 10 Dec 2019 13:18

Tgt Ion: 82 Resp: 173688

Ion	Ratio	Lower	Upper
82	100		
95	0.2	6.3	9.5#
138	0.0	16.3	24.5#



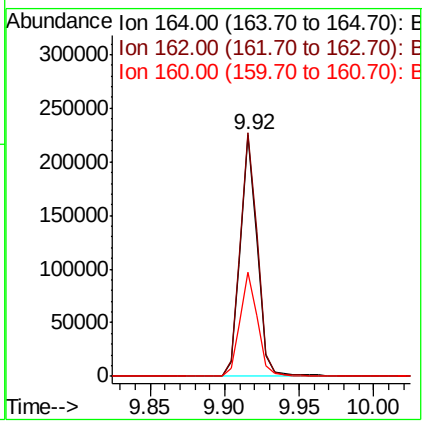


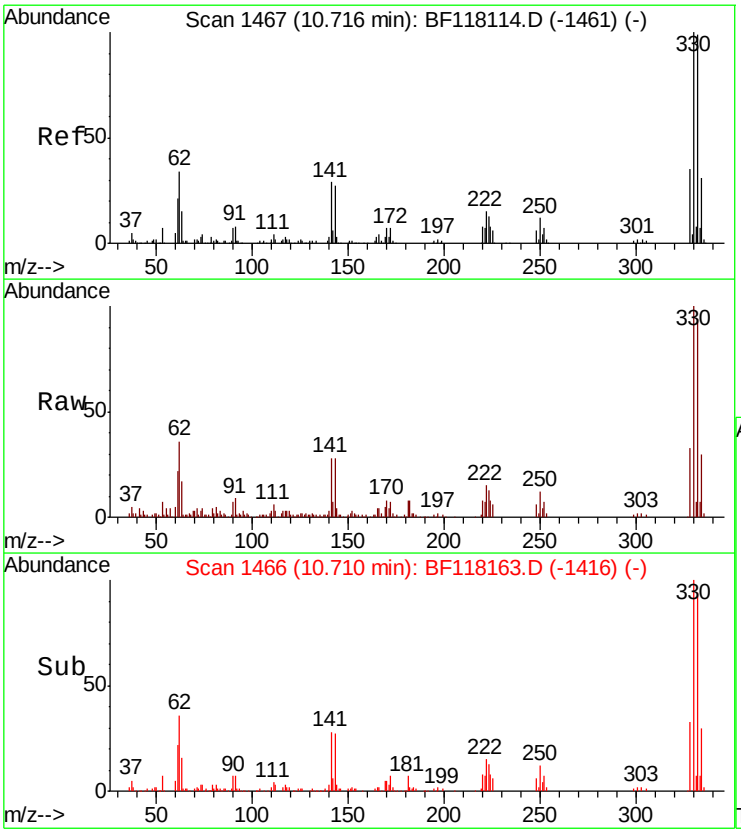
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118163.D
Acq: 10 Dec 2019 13:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 178657

Ion	Ratio	Lower	Upper
164	100		
162	100.9	83.4	125.0
160	43.2	36.6	54.8

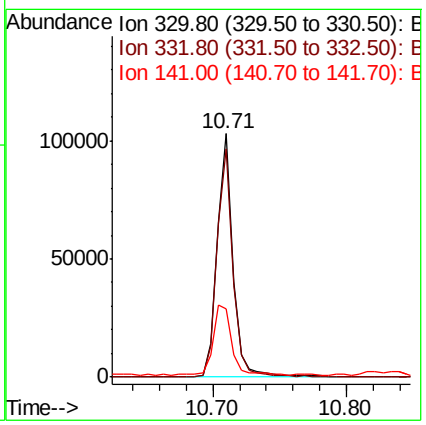


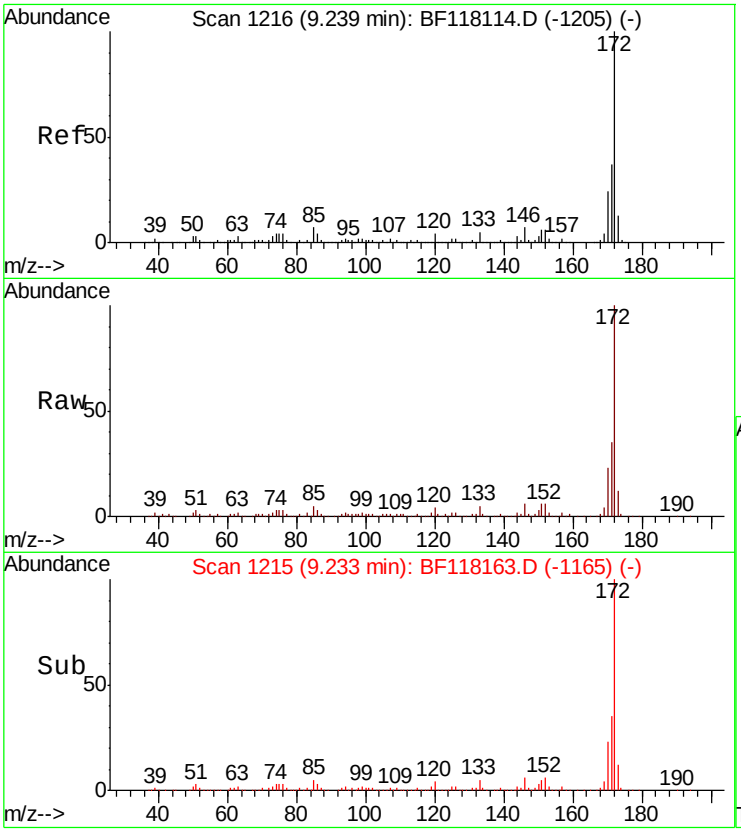


#42
2,4,6-Tribromophenol
Concen: 40.057 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF118163.D
Acq: 10 Dec 2019 13:18

Tgt Ion:330 Resp: 86938

Ion	Ratio	Lower	Upper
330	100		
332	94.7	78.1	117.1
141	33.8	26.9	40.3



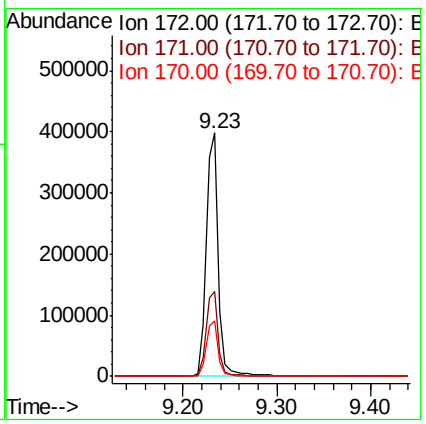


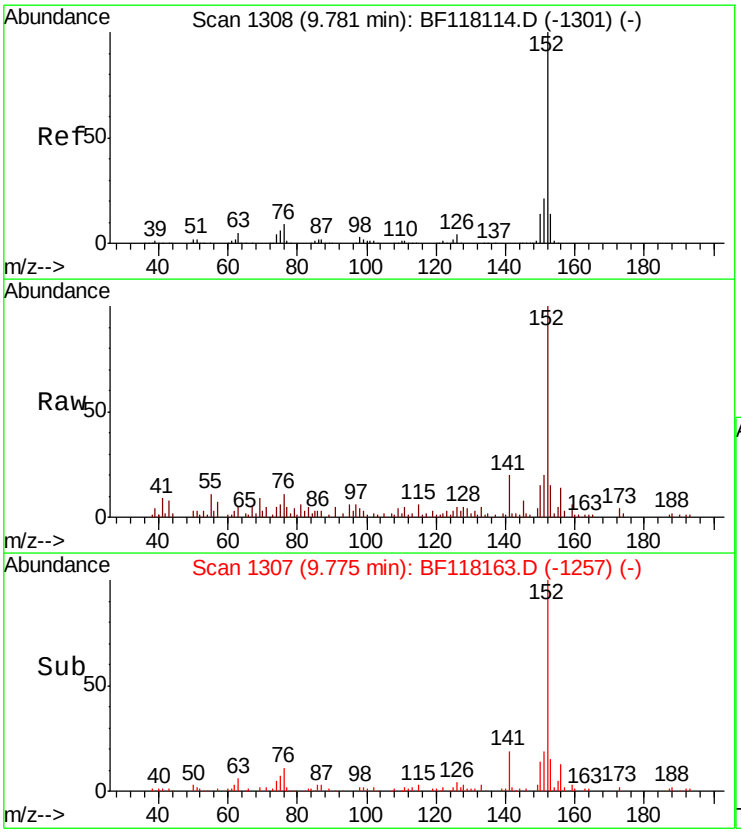
#45
2-Fluorobiphenyl
Concen: 30.523 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118163.D
Acq: 10 Dec 2019 13:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 358375

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.2	43.8
170	22.5	19.4	29.2

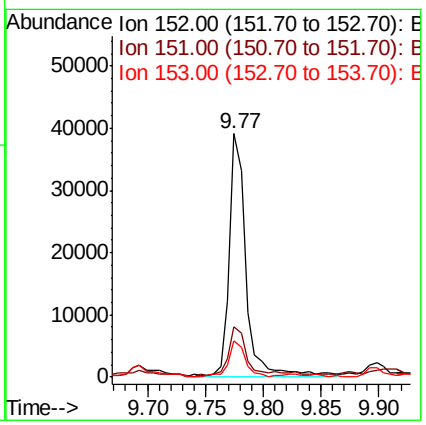


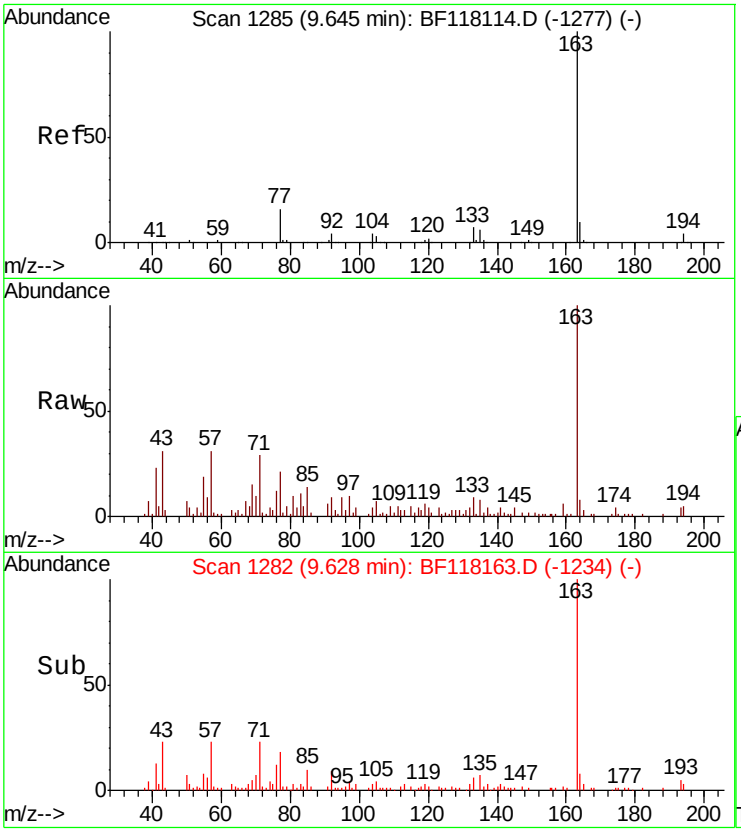


#49
Acenaphthylene
Concen: 2.390 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF118163.D
Acq: 10 Dec 2019 13:18

Tgt Ion:152 Resp: 39947

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.4	24.6
153	14.7	10.8	16.2



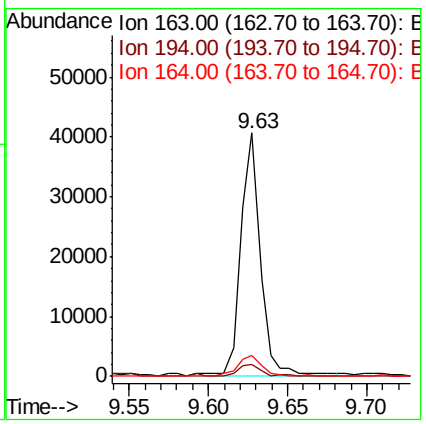


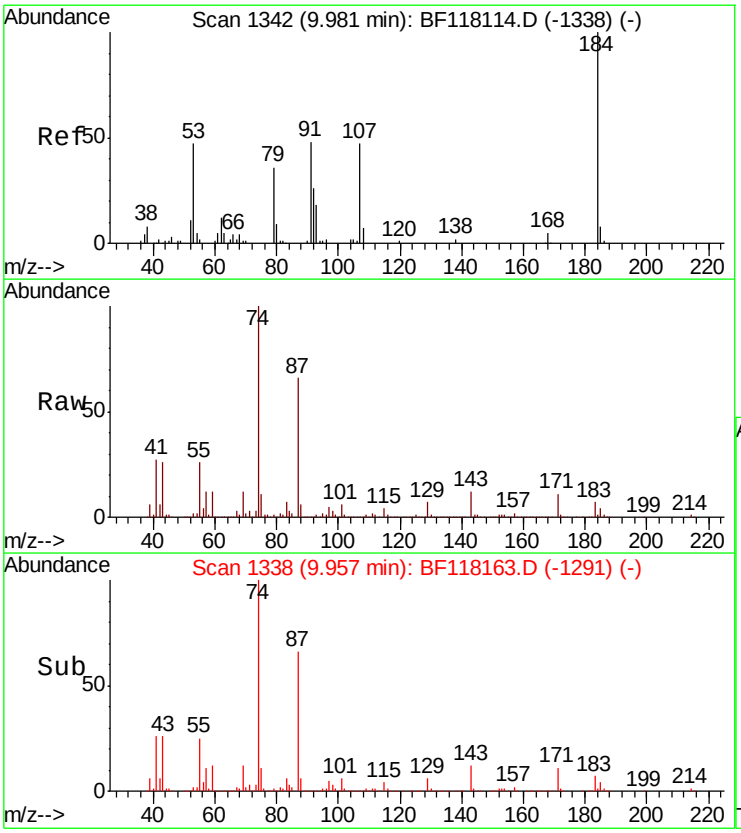
#50
Dimethylphthalate
Concen: 2.688 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118163.D
Acq: 10 Dec 2019 13:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 35473

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.1	4.7#
164	8.4	7.7	11.5

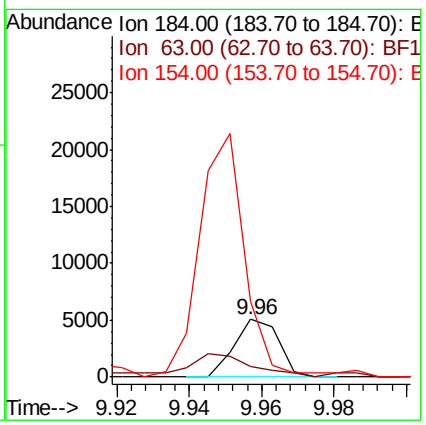


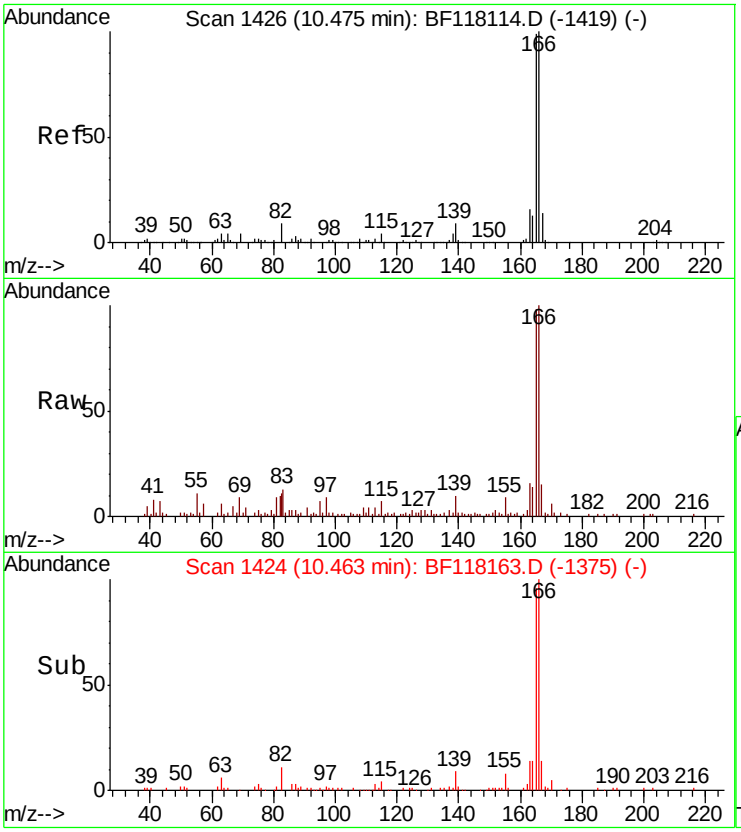


#54
2,4-Dinitrophenol
Concen: 3.016 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF118163.D
Acq: 10 Dec 2019 13:18

Tgt Ion:184 Resp: 4306

Ion	Ratio	Lower	Upper
184	100		
63	18.6	53.9	80.9#
154	132.1	56.3	84.5#



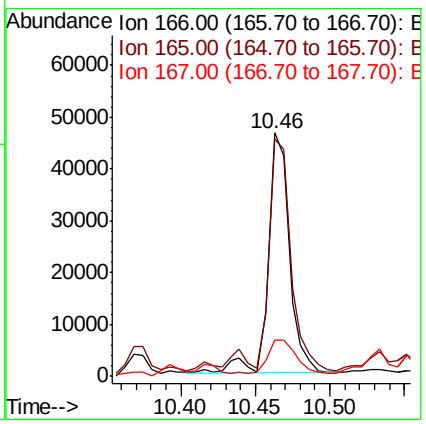


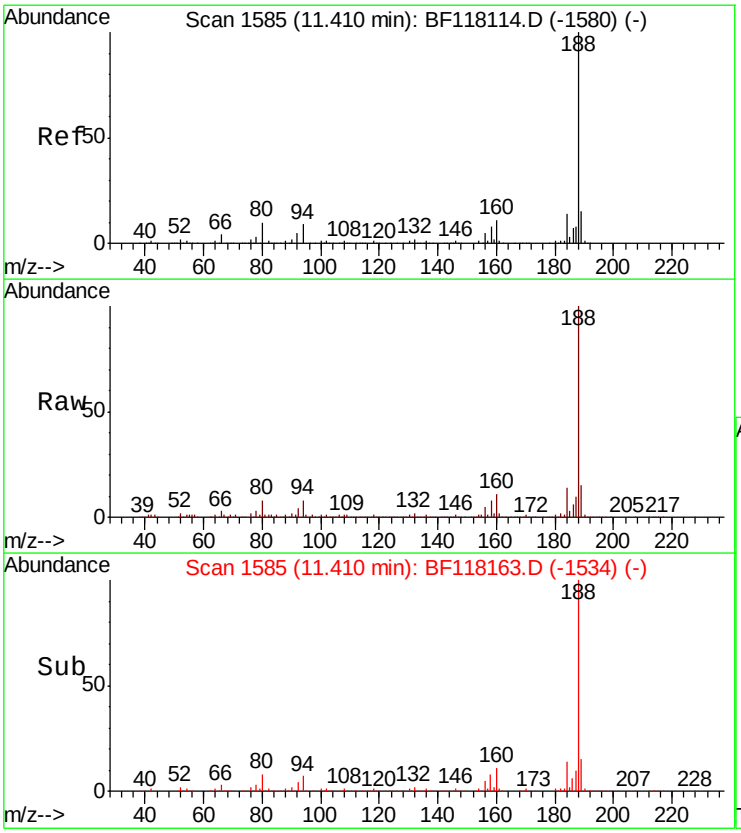
#58
Fluorene
Concen: 3.887 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118163.D
Acq: 10 Dec 2019 13:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 46186

Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.0	118.4
167	15.0	10.9	16.3

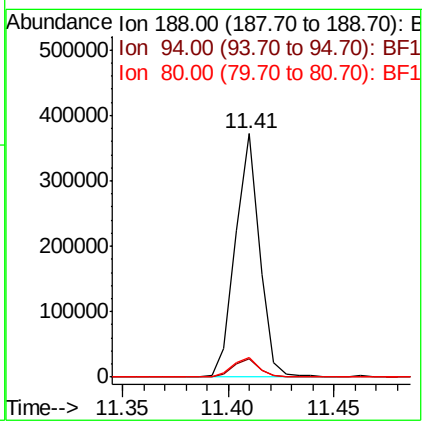


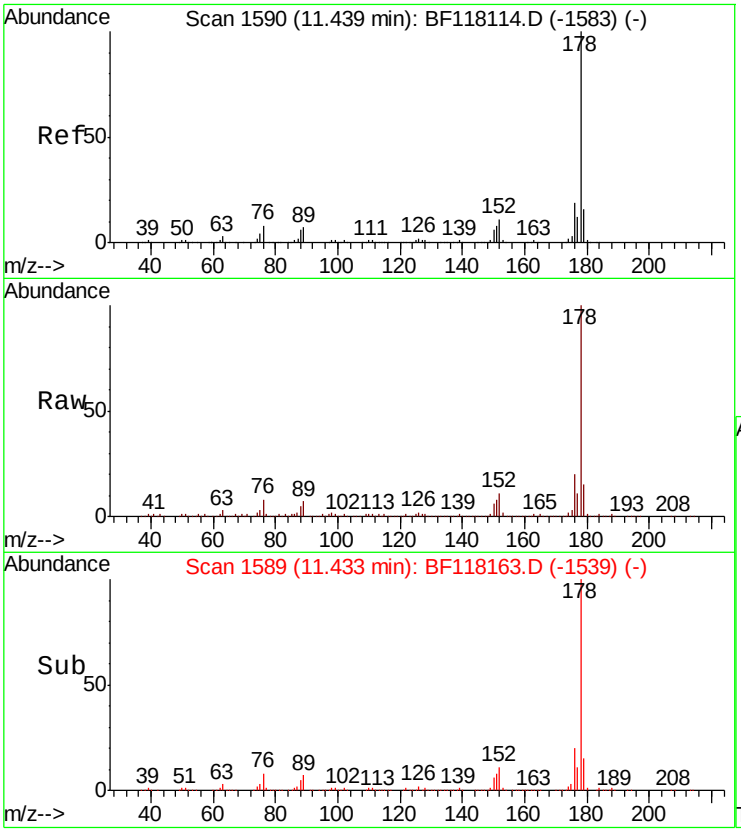


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF118163.D
Acq: 10 Dec 2019 13:18

Tgt Ion:188 Resp: 293879

Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.1	10.7
80	8.1	7.9	11.9



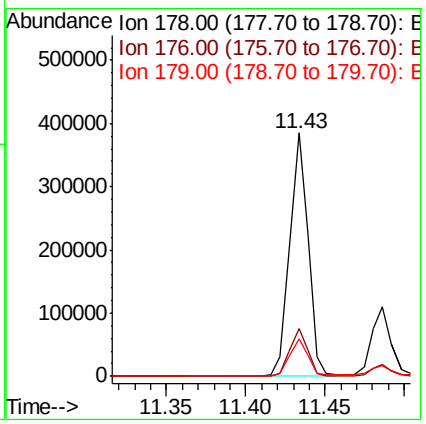


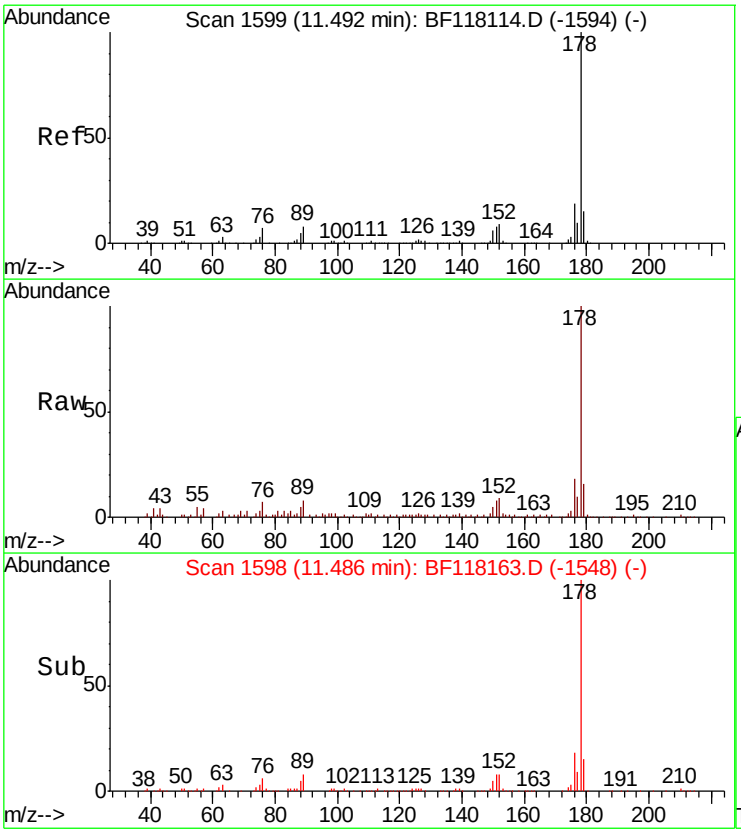
#71
Phenanthrene
Concen: 19.855 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF118163.D
Acq: 10 Dec 2019 13:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 310179

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.2	12.6	18.8

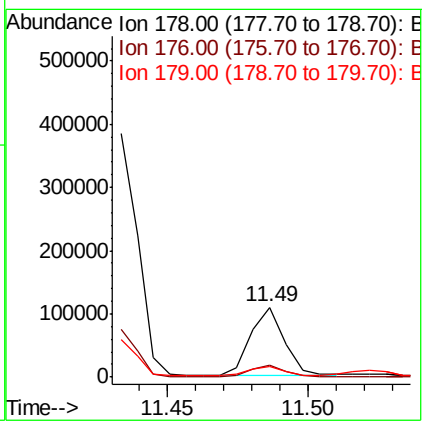


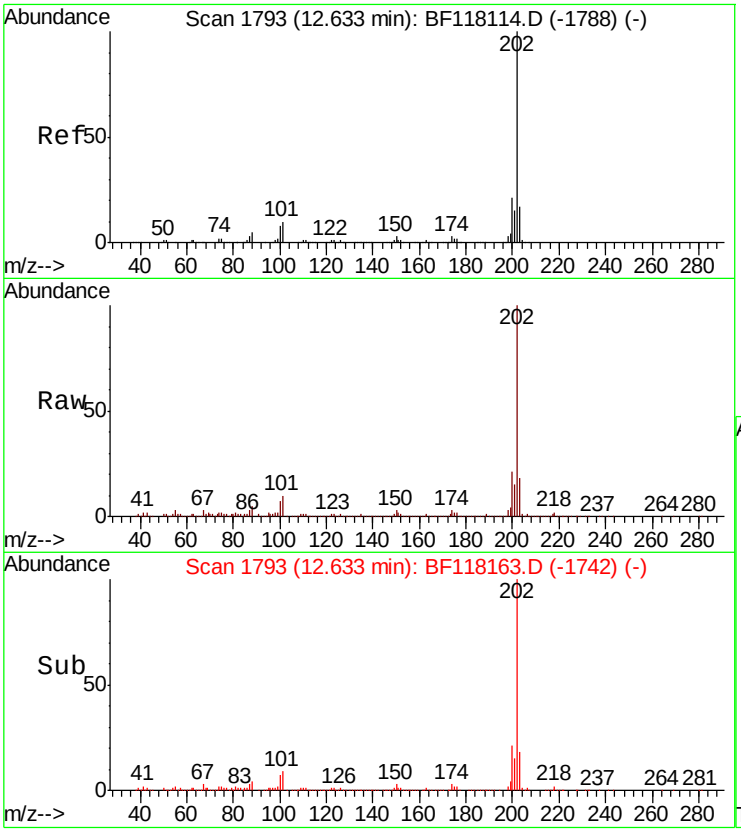


#72
Anthracene
Concen: 5.673 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF118163.D
Acq: 10 Dec 2019 13:18

Tgt Ion:178 Resp: 88405

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.0	22.6
179	15.6	12.2	18.4



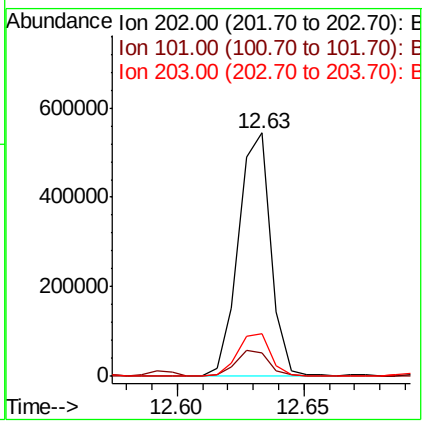


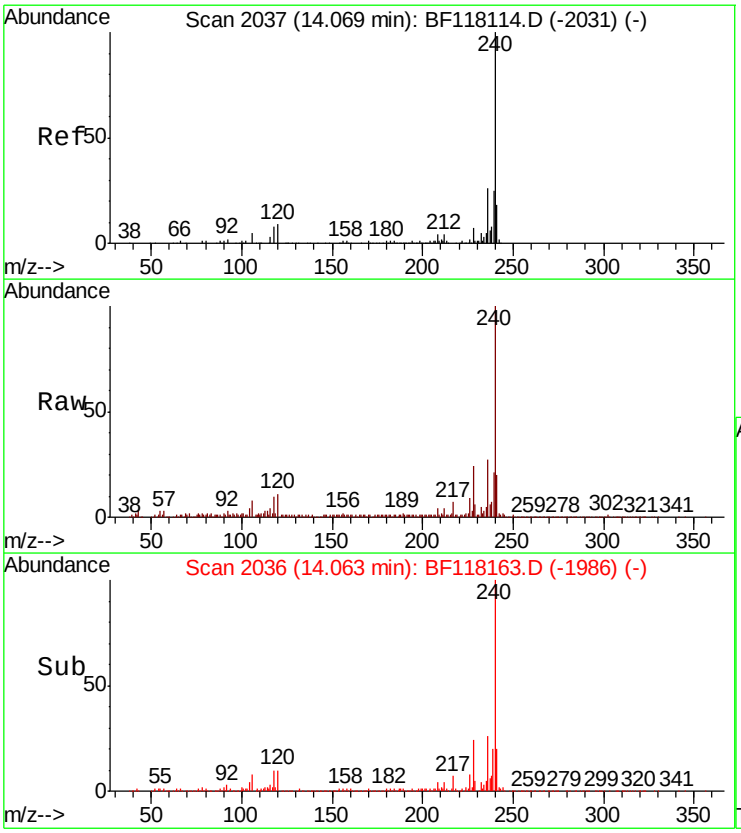
#75
Fluoranthene
Concen: 30.080 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BF118163.D
Acq: 10 Dec 2019 13:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 480449

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.4
203	17.6	0.0	37.2

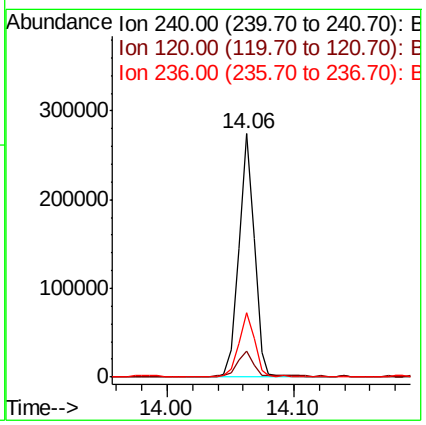


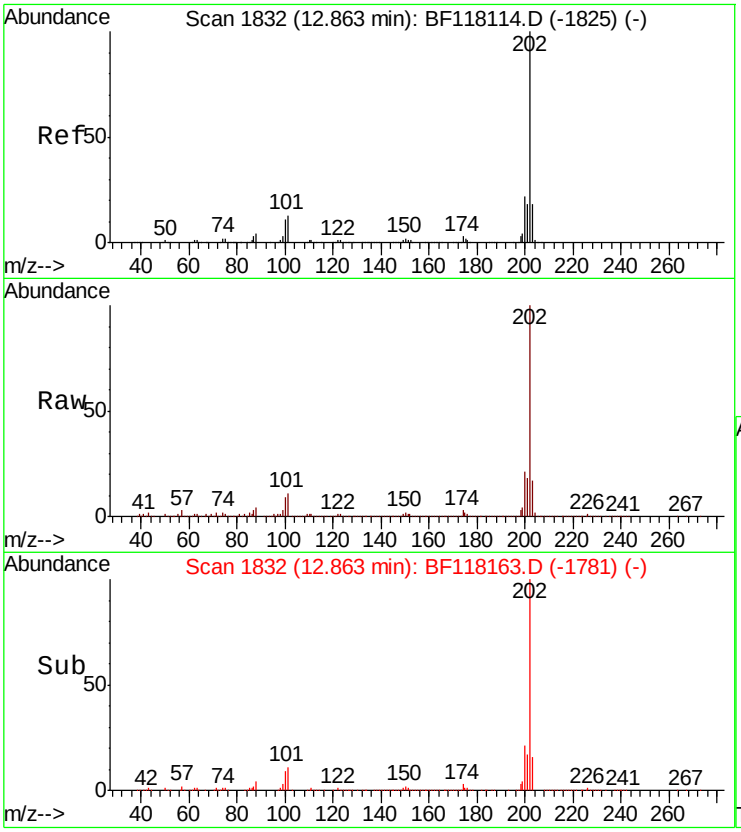


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118163.D
Acq: 10 Dec 2019 13:18

Tgt Ion:240 Resp: 226527

Ion	Ratio	Lower	Upper
240	100		
120	10.7	7.1	10.7#
236	26.6	21.0	31.6



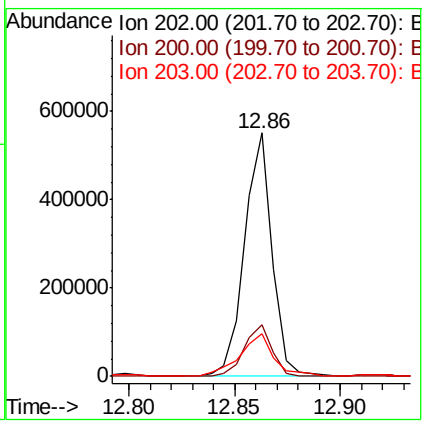


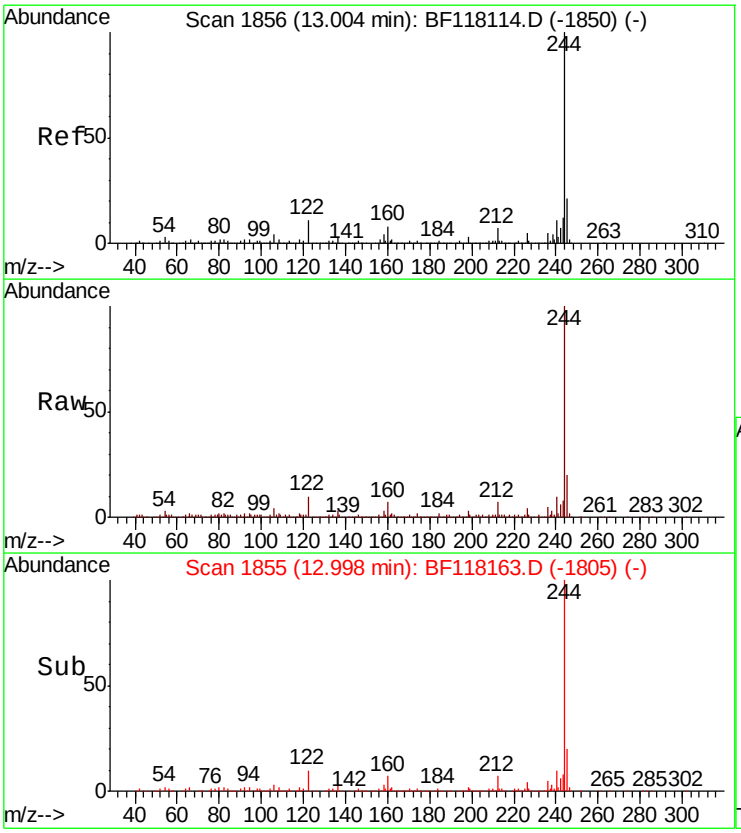
#78
Pyrene
Concen: 27.775 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.00 min
Lab File: BF118163.D
Acq: 10 Dec 2019 13:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 495823

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.5	26.3
203	17.3	14.6	21.8

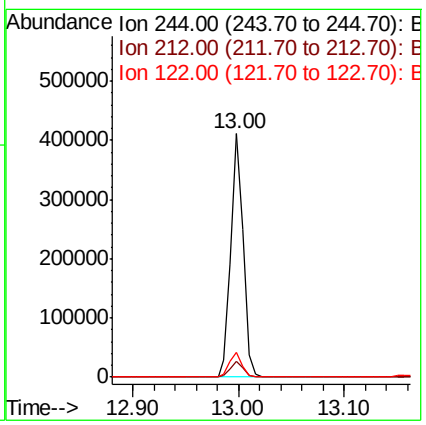


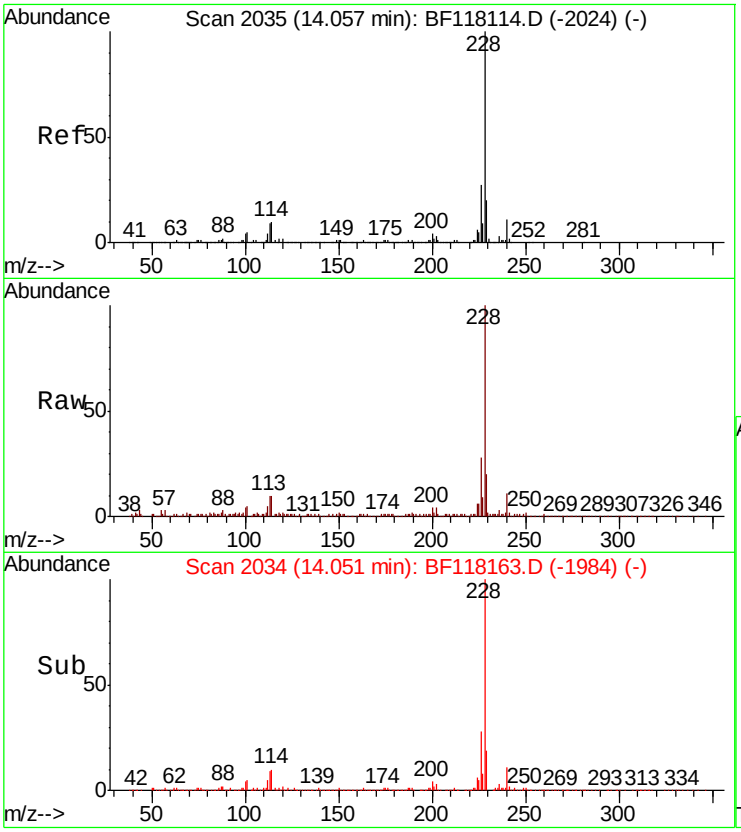


#79
Terphenyl-d14
Concen: 24.995 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF118163.D
Acq: 10 Dec 2019 13:18

Tgt Ion:244 Resp: 329262

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	10.2	9.0	13.6



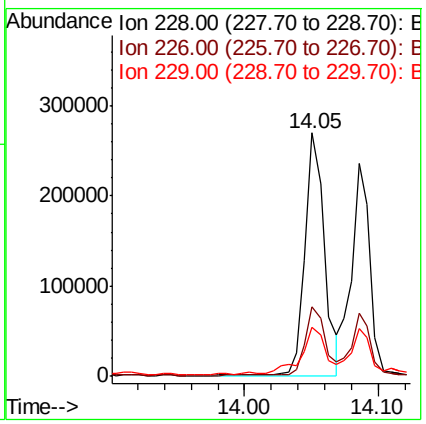


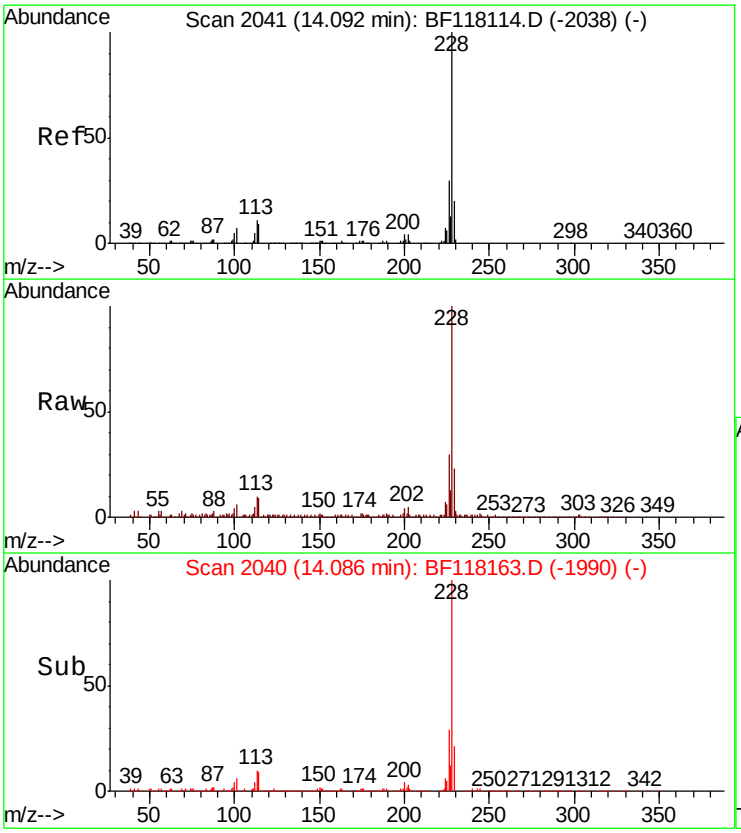
#81
Benzo(a)anthracene
Concen: 17.130 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF118163.D
Acq: 10 Dec 2019 13:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 268324

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.8	32.8
229	20.4	15.8	23.8

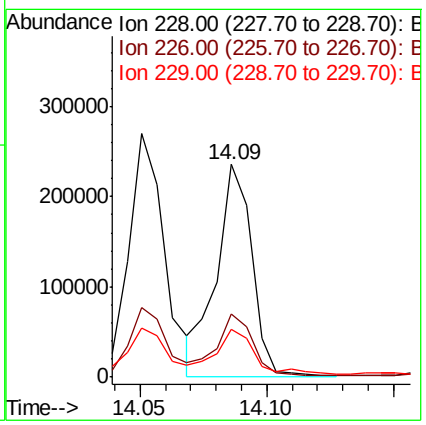


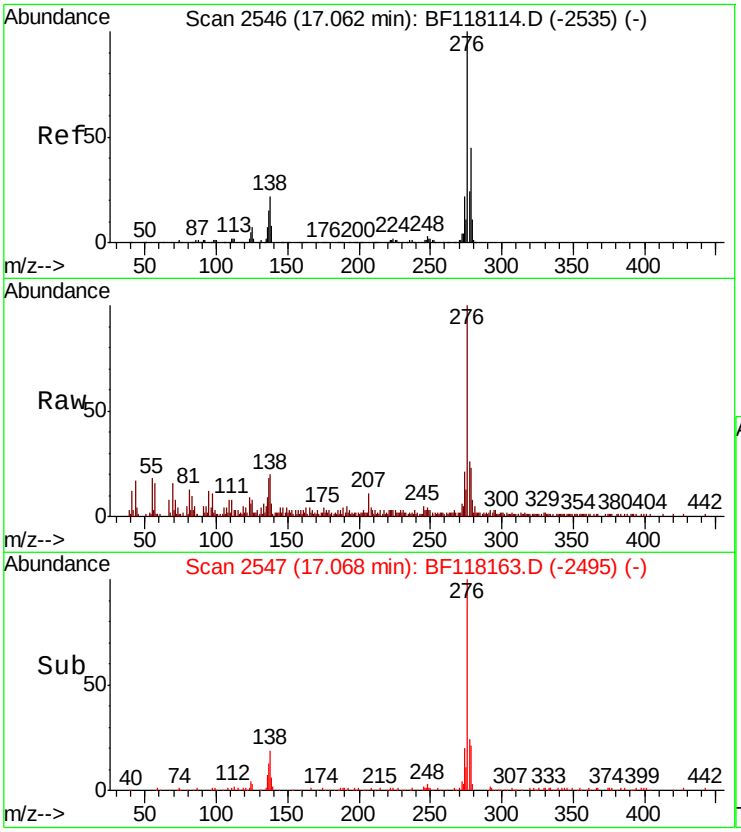


#83
Chrysene
Concen: 15.290 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF118163.D
Acq: 10 Dec 2019 13:18

Tgt Ion:228 Resp: 228780

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.8
229	22.8	15.7	23.5



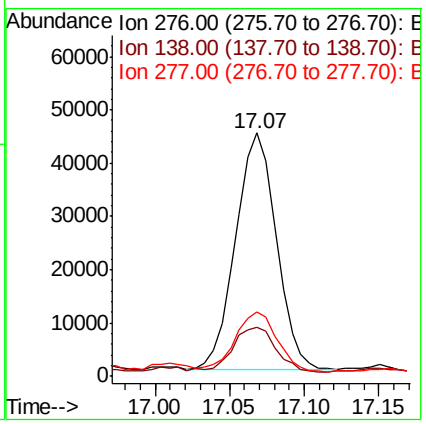


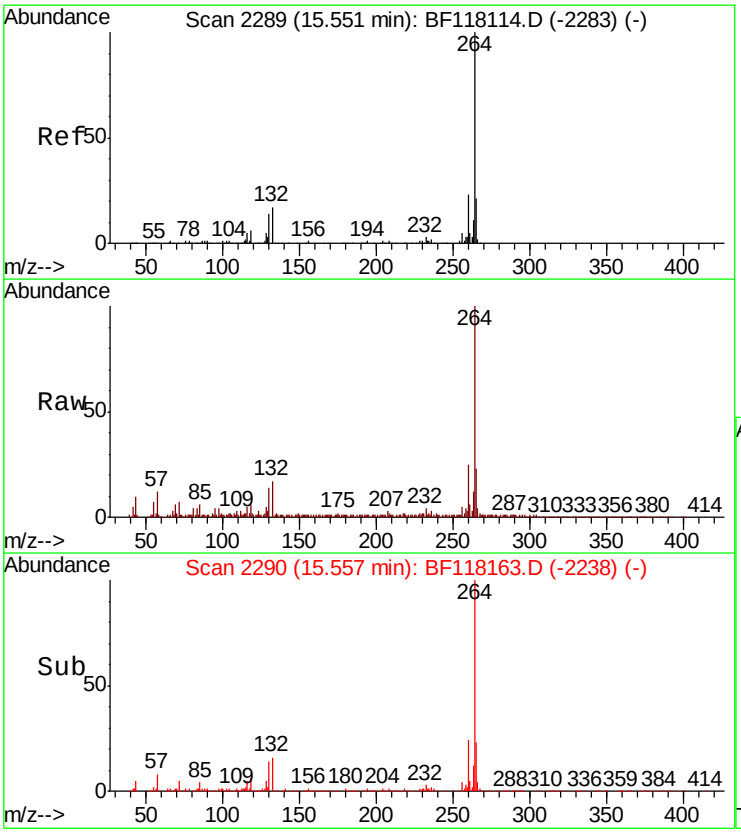
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.717 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.01 min
Lab File: BF118163.D
Acq: 10 Dec 2019 13:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 84565

Ion	Ratio	Lower	Upper
276	100		
138	19.8	18.9	28.3
277	25.8	20.4	30.6

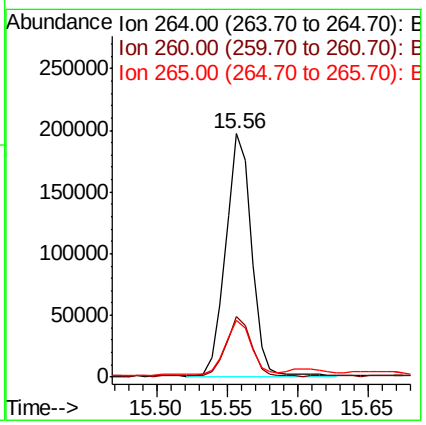


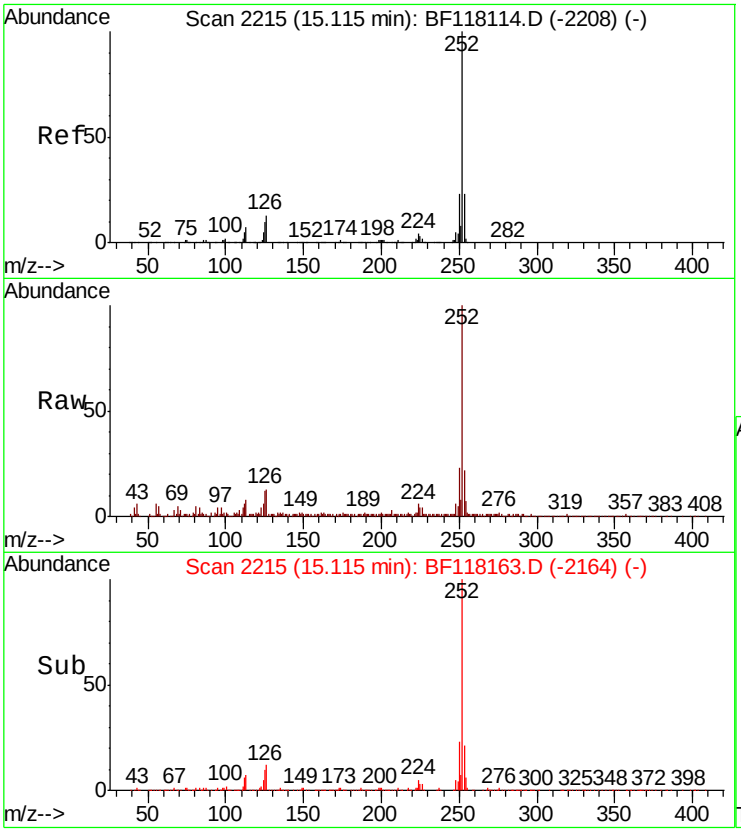


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BF118163.D
Acq: 10 Dec 2019 13:18

Tgt Ion:264 Resp: 250012

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.6	28.0
265	23.2	16.8	25.2



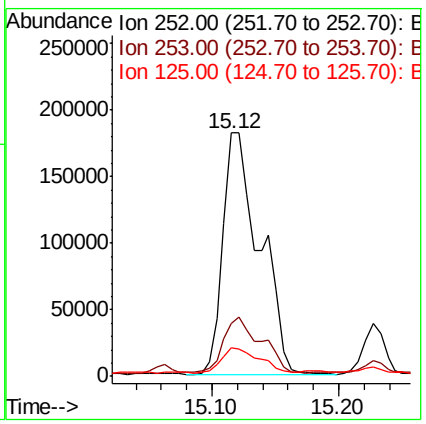


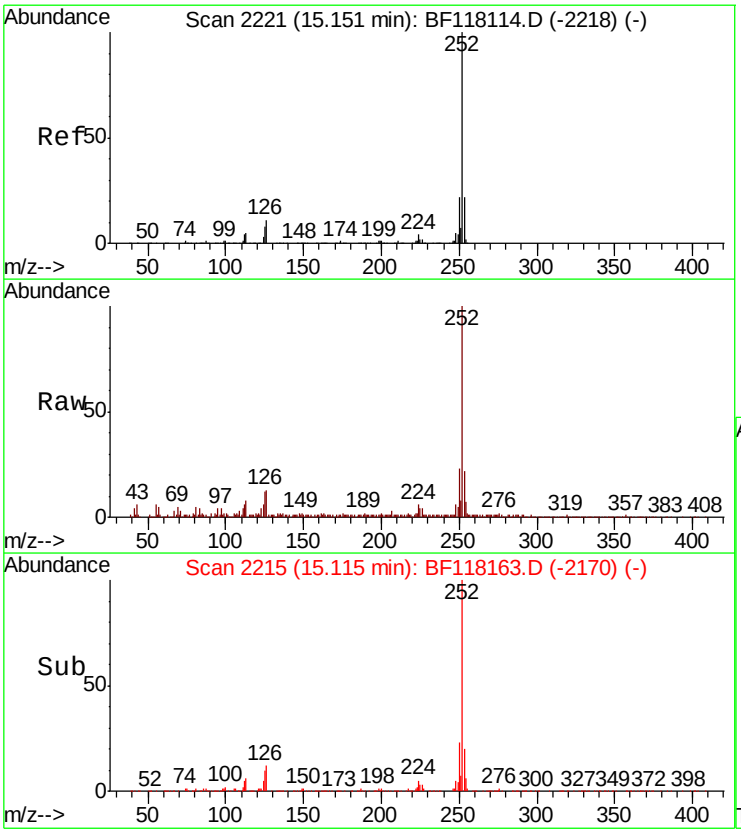
#88
Benzo(b)fluoranthene
Concen: 22.280 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF118163.D
Acq: 10 Dec 2019 13:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 368404

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	11.6	8.3	12.5

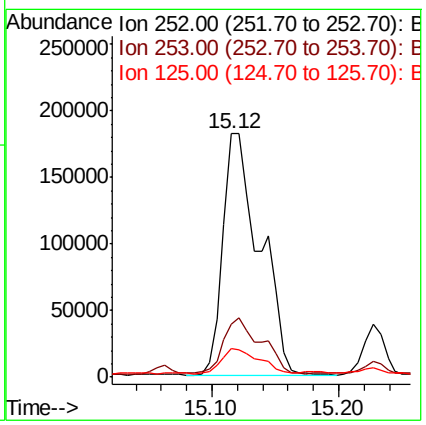


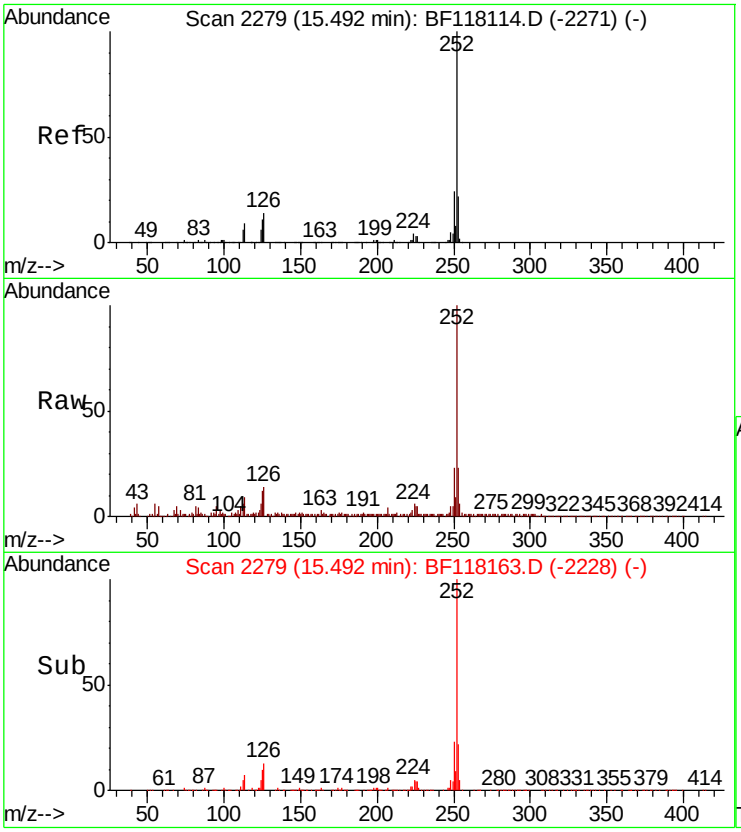


#89
Benzo(k)fluoranthene
Concen: 23.193 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.04 min
Lab File: BF118163.D
Acq: 10 Dec 2019 13:18

Tgt Ion:252 Resp: 368404

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	11.6	6.7	10.1#



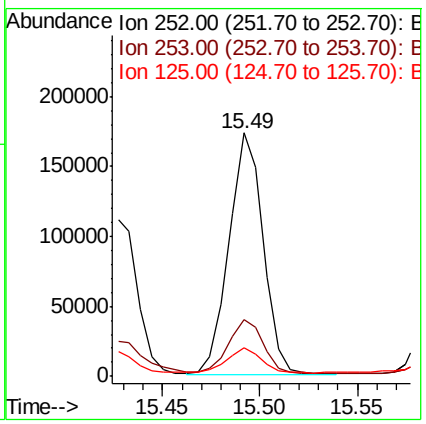


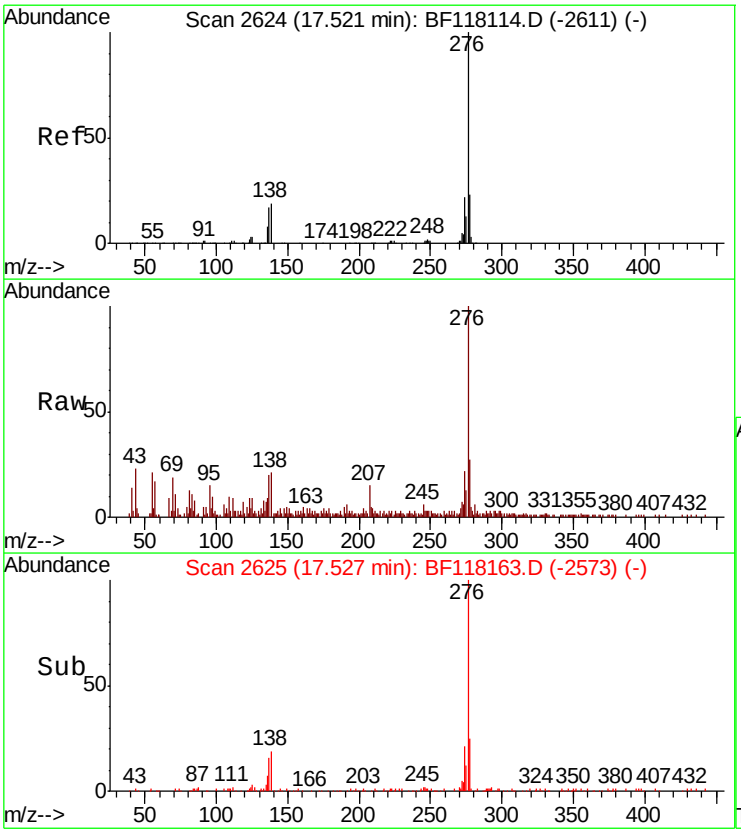
#90
Benzo(a)pyrene
Concen: 14.391 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BF118163.D
Acq: 10 Dec 2019 13:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 210160

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	11.5	9.1	13.7





#92
Benzo(g,h,i)perylene
Concen: 6.459 ng
RT: 17.53 min Scan# 2625
Delta R.T. 0.01 min
Lab File: BF118163.D
Acq: 10 Dec 2019 13:18

Tgt Ion:276 Resp: 77746

Ion	Ratio	Lower	Upper
276	100		
277	26.6	18.2	27.4
138	20.7	15.5	23.3