Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010320\

Quantitation Report (Not Reviewed)

Data File : BF118466.D
Acq On : 3 Jan 2020 19:37
Operator : JU
Sample : K6474-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01

Quant Time: Jan 04 00:06:08 2020
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	71467	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	260527	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	141508	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	277463	20.00	ng		0.00
76) Chrysene-d12	14.04	240	199694	20.00	ng		0.00
87) Perylene-d12	15.53	264	177122	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	335253	80.08	ng		0.00
7) Phenol-d6	6.48	99	441779	85.06	ng		0.00
23) Nitrobenzene-d5	7.41	82	267264	58.67	ng		-0.01
42) 2,4,6-Tribromophenol	10.69	330	151151	86.49	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	503399	54.30	ng		-0.01
79) Terphenyl-d14	12.97	244	652348	54.20	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	36386	11.372	ng	#	81
25) Isophorone	7.41	82	267261	33.666	ng	#	62
50) Dimethylphthalate	9.61	163	36012	3.390	ng		99
51) 2,6-Dinitrotoluene	9.89	165	18110	7.908	ng	#	27
57) 2,4-Dinitrotoluene	9.89	165	18110	5.918	ng	#	30
67) 4-Bromophenyl-phenylether	10.69	248	9146	2.817	ng	#	1
71) Phenanthrene	11.41	178	60970	4.031	ng		99
75) Fluoranthene	12.61	202	275670	18.059	ng		99
78) Pyrene	12.84	202	305690	18.746	ng		99
81) Benzo(a)anthracene	14.03	228	169856	12.152	ng		97
83) Chrysene	14.07	228	144200	10.774	ng		99
86) Indeno(1,2,3-cd)pyrene	17.04	276	143085	12.547	ng		97
88) Benzo(b)fluoranthene	15.10	252	299189	25.447	ng		99
89) Benzo(k)fluoranthene	15.10	252	299189	26.502	ng		97
90) Benzo(a)pyrene	15.47	252	175389	16.934	ng		95
91) Dibenzo(a,h)anthracene	17.22	278	26266	2.922	ng		93
92) Benzo(g,h,i)perylene	17.49	276	148341	17.086	ng		100

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010320\

Quantitation Report (Not Reviewed)

Data File : BF118466.D
Acq On : 3 Jan 2020 19:37
Operator : JU
Sample : K6474-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01

Quant Time: Jan 04 00:06:08 2020
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
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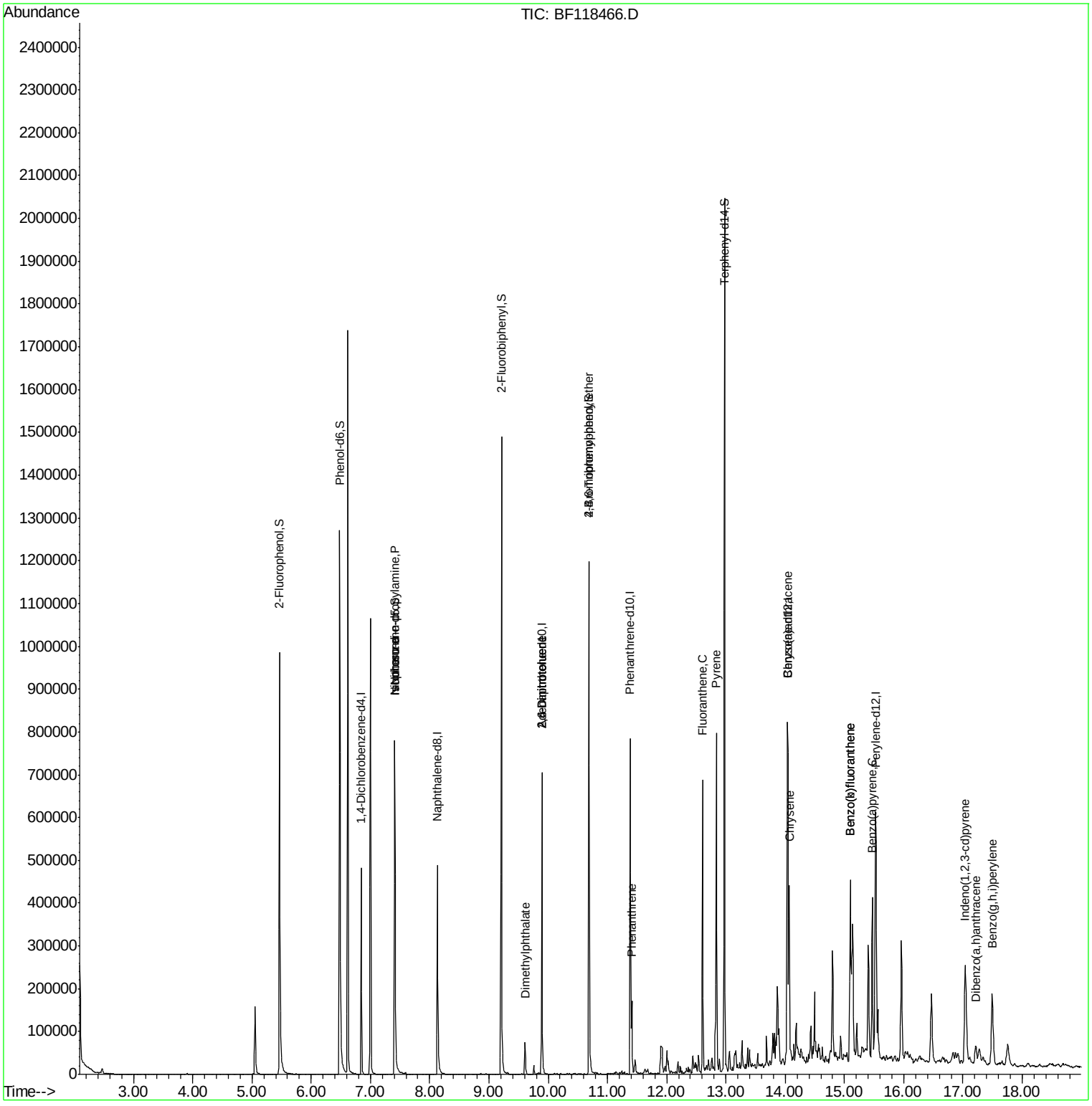
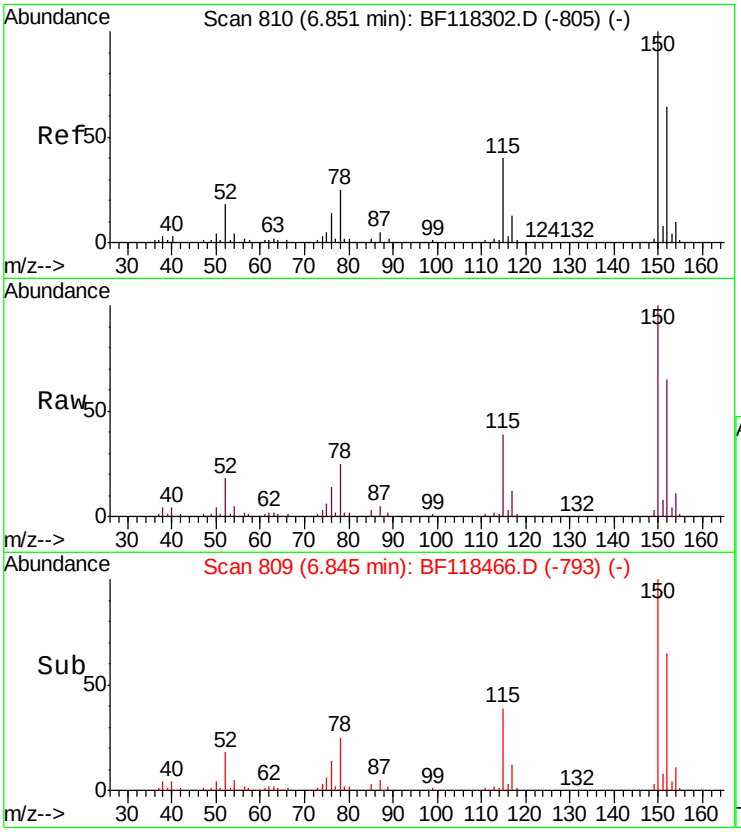


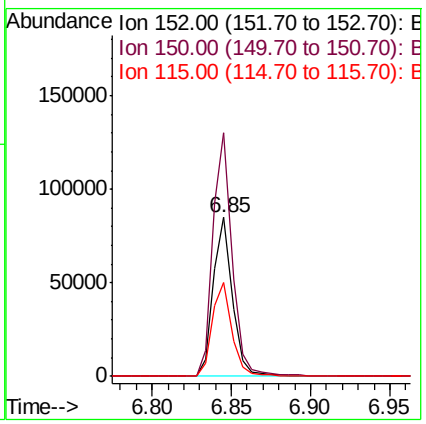


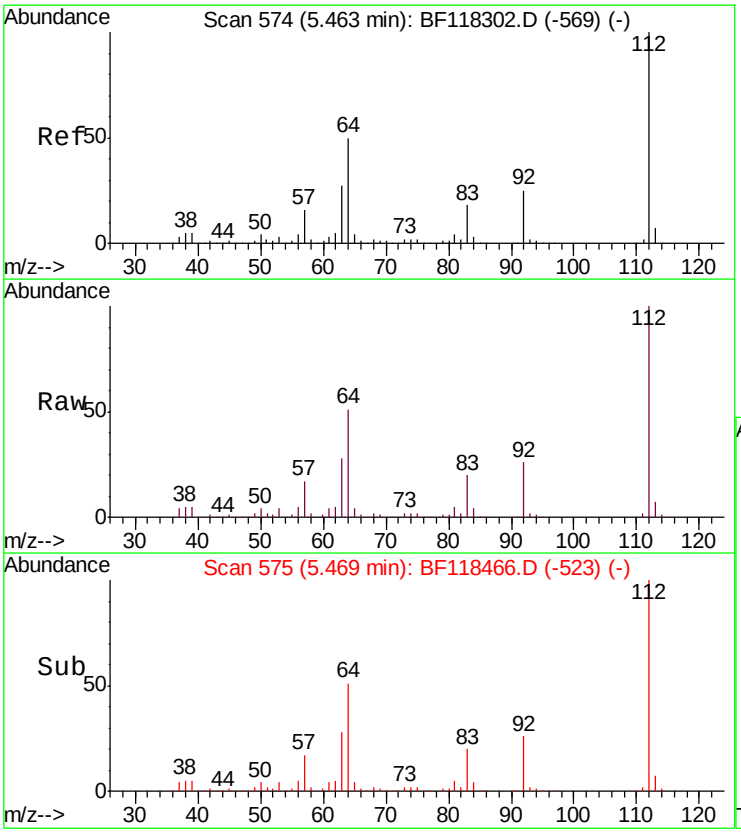
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF118466.D
Acq: 3 Jan 2020 19:37

Instrument :
BNA_F
ClientSampleId :
SB-01

Tgt Ion:152 Resp: 71467

Ion	Ratio	Lower	Upper
152	100		
150	153.3	125.4	188.2
115	59.3	50.2	75.4

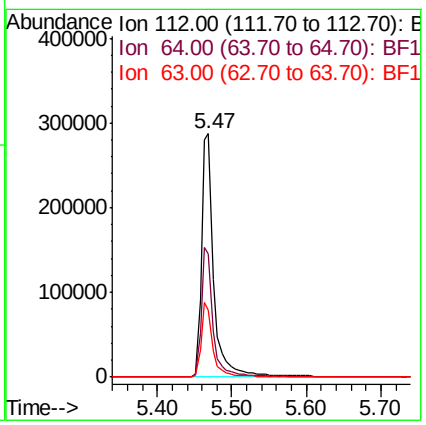


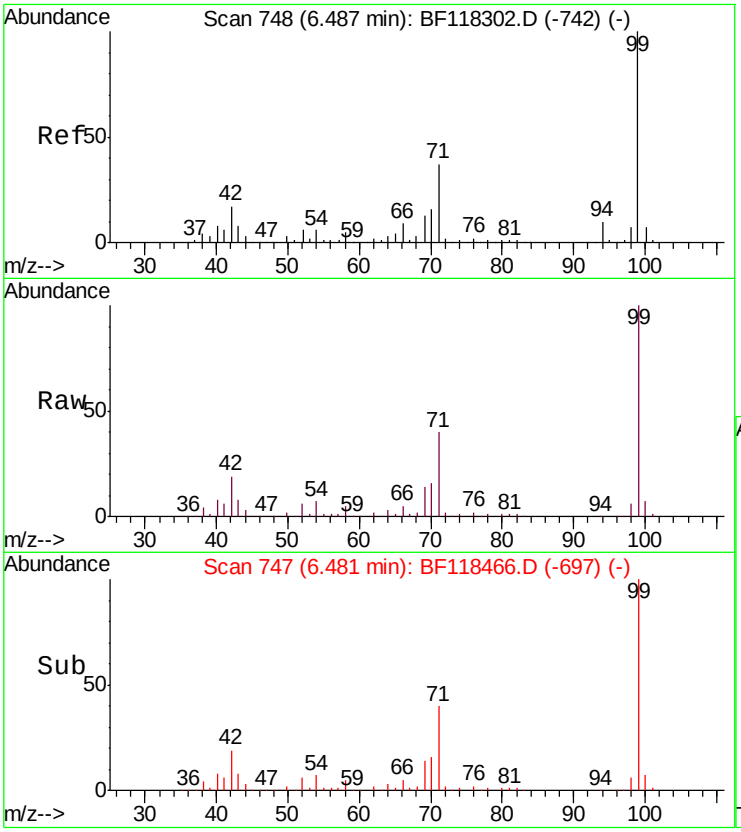


#5
2-Fluorophenol
Concen: 80.075 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF118466.D
Acq: 3 Jan 2020 19:37

Tgt Ion:112 Resp: 335253

Ion	Ratio	Lower	Upper
112	100		
64	50.5	39.7	59.5
63	27.6	21.7	32.5



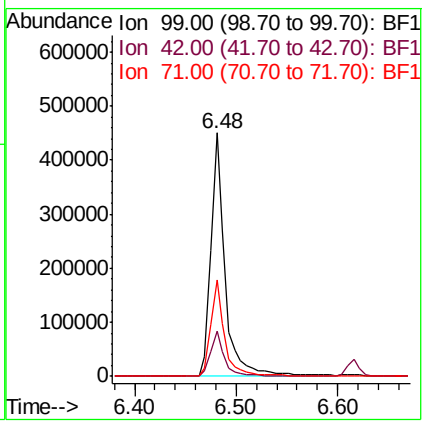


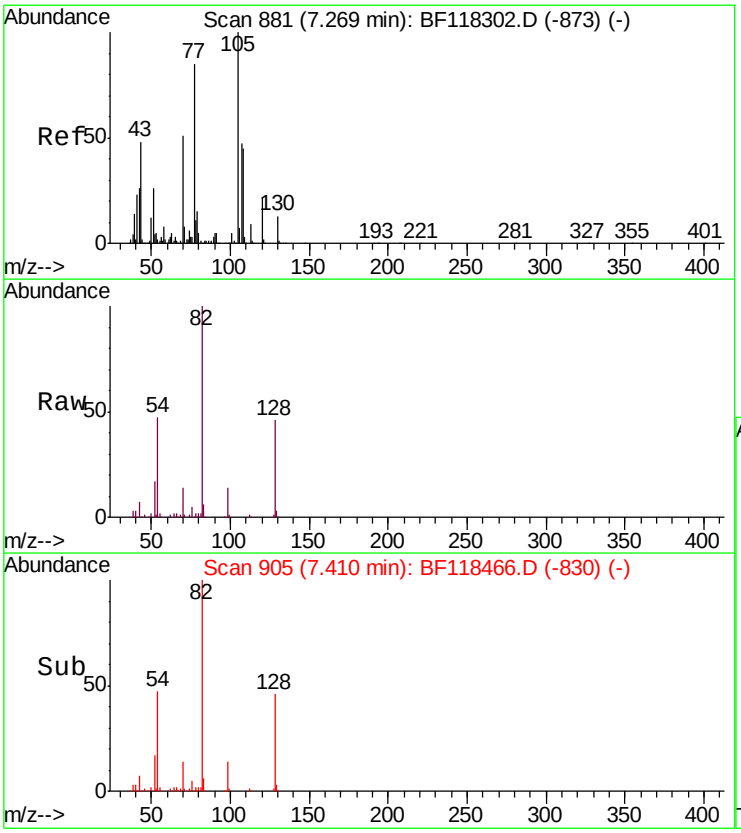
#7
Phenol-d6
Concen: 85.060 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF118466.D
Acq: 3 Jan 2020 19:37

Instrument :
BNA_F
ClientSampleId :
SB-01

Tgt Ion: 99 Resp: 441779

Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.5	20.3
71	39.7	29.4	44.2

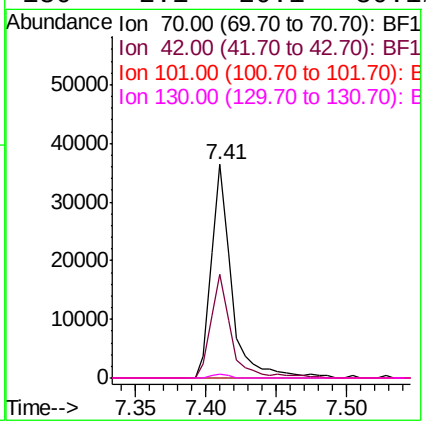


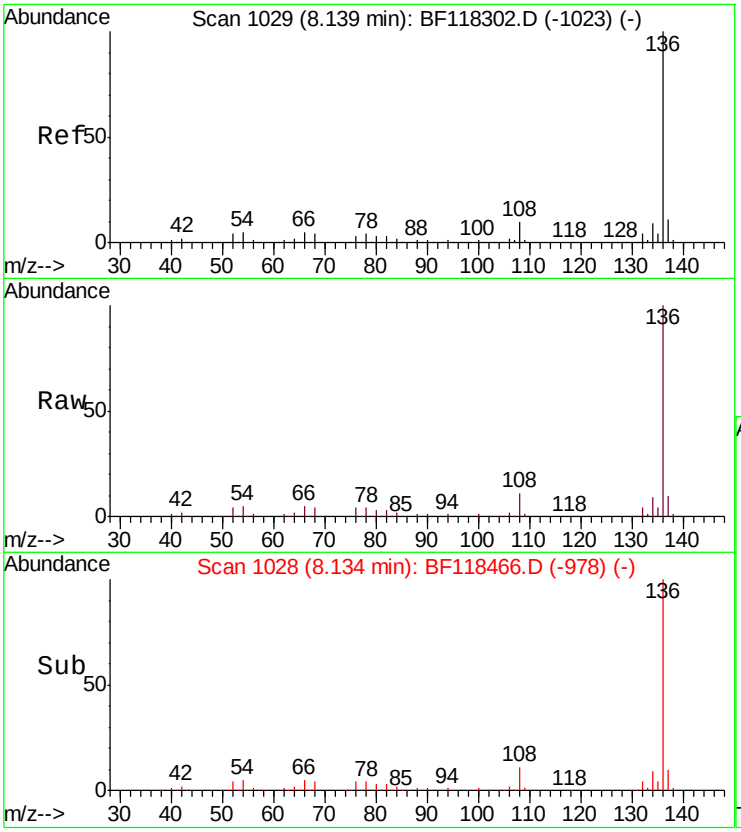


#19
n-Nitroso-di-n-propylamine
Concen: 11.372 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF118466.D
Acq: 3 Jan 2020 19:37

Tgt Ion: 70 Resp: 36386

Ion	Ratio	Lower	Upper
70	100		
42	48.3	41.1	61.7
101	0.0	8.3	12.5#
130	2.1	20.1	30.1#



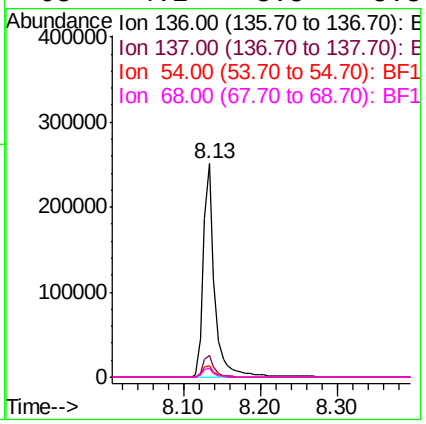


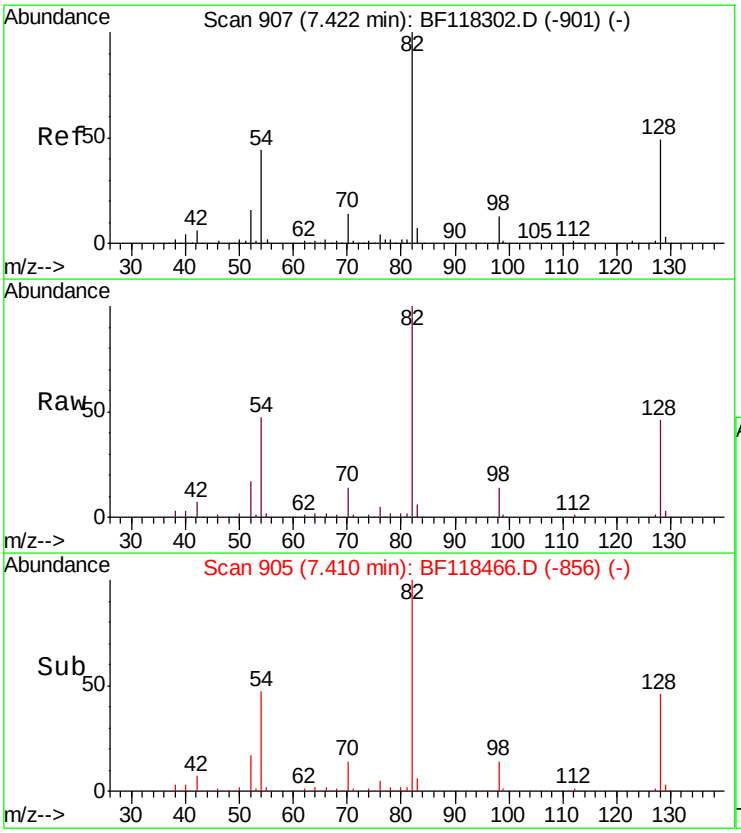
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118466.D
Acq: 3 Jan 2020 19:37

Instrument :
BNA_F
ClientSampleId :
SB-01

Tgt Ion:136 Resp: 260527

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	5.5	4.2	6.4
68	4.2	3.5	5.3

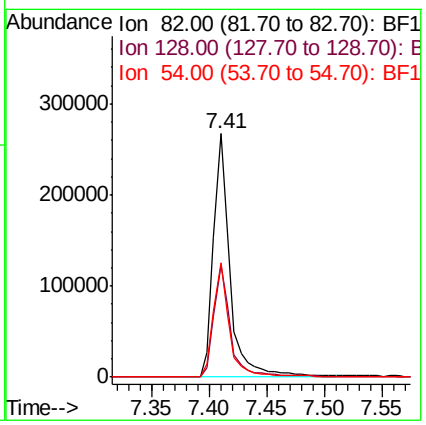


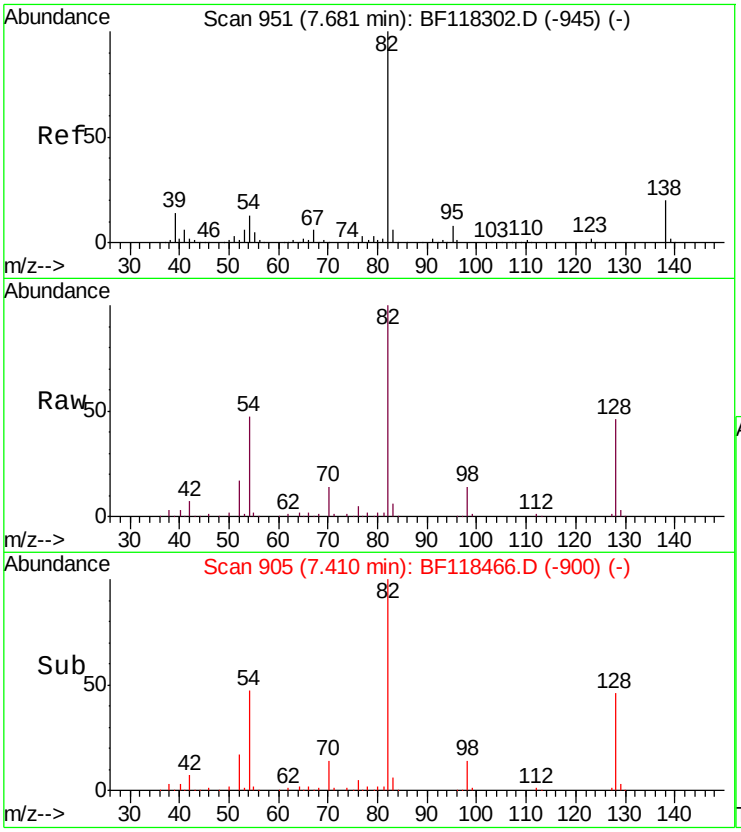


#23
Nitrobenzene-d5
Concen: 58.674 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF118466.D
Acq: 3 Jan 2020 19:37

Tgt Ion: 82 Resp: 267264

Ion	Ratio	Lower	Upper
82	100		
128	45.7	39.6	59.4
54	46.9	34.9	52.3



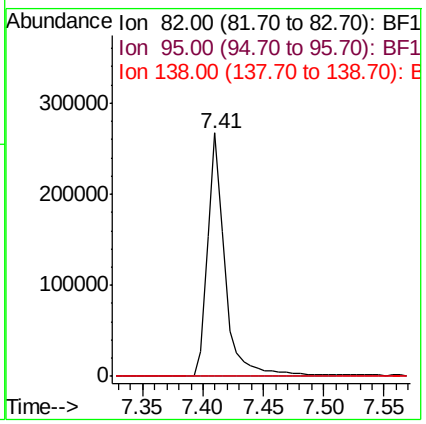


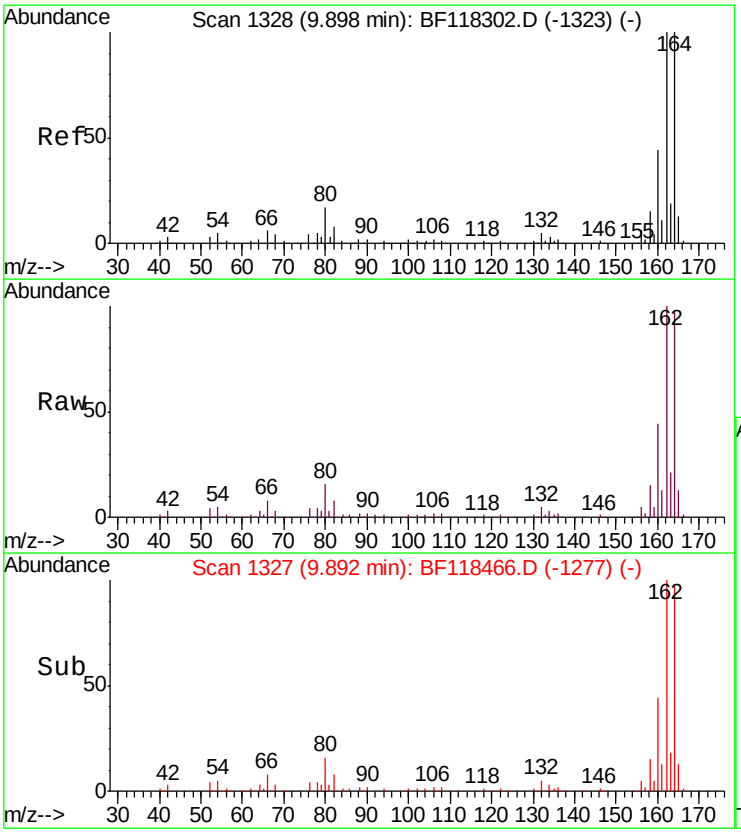
#25
Isophorone
Concen: 33.666 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.27 min
Lab File: BF118466.D
Acq: 3 Jan 2020 19:37

Instrument :
BNA_F
ClientSampleId :
SB-01

Tgt Ion: 82 Resp: 267261

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

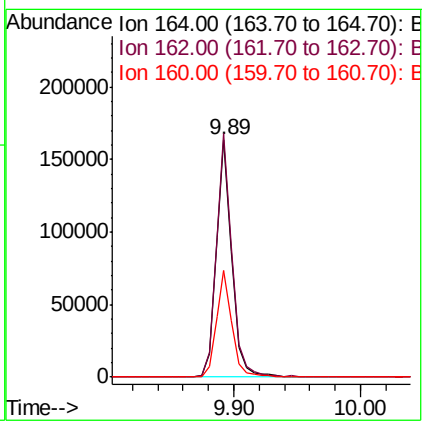


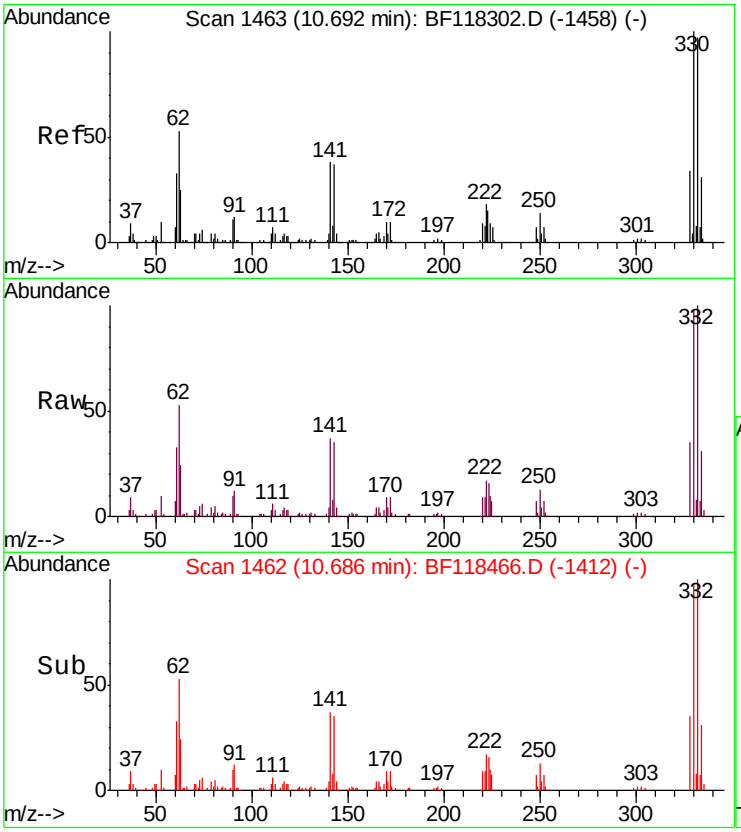


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF118466.D
Acq: 3 Jan 2020 19:37

Tgt Ion:164 Resp: 141508

Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.0	120.0
160	44.9	34.8	52.2



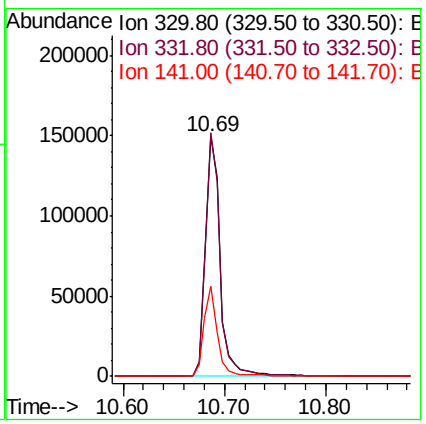


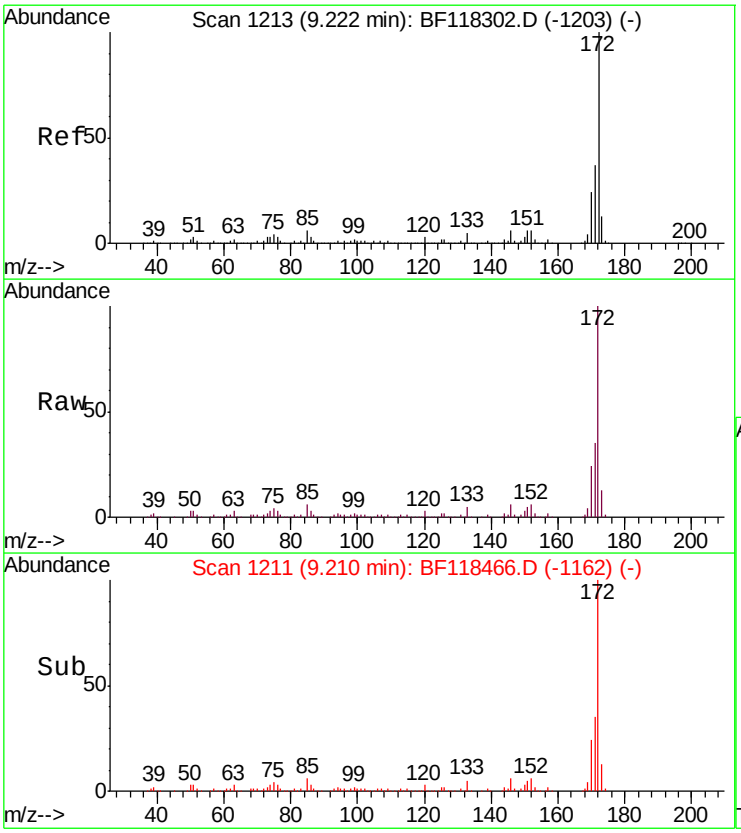
#42
2,4,6-Tribromophenol
Concen: 86.495 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF118466.D
Acq: 3 Jan 2020 19:37

Instrument :
BNA_F
ClientSampleId :
SB-01

Tgt Ion:330 Resp: 151151

Ion	Ratio	Lower	Upper
330	100		
332	98.9	76.6	114.8
141	34.6	26.0	39.0

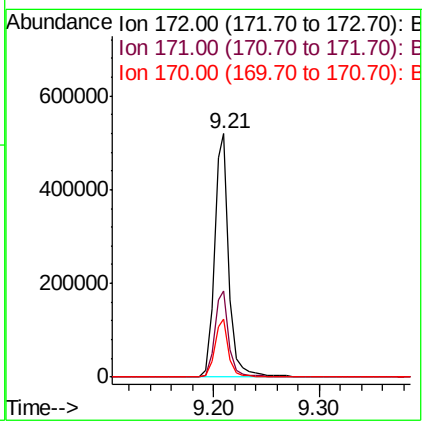


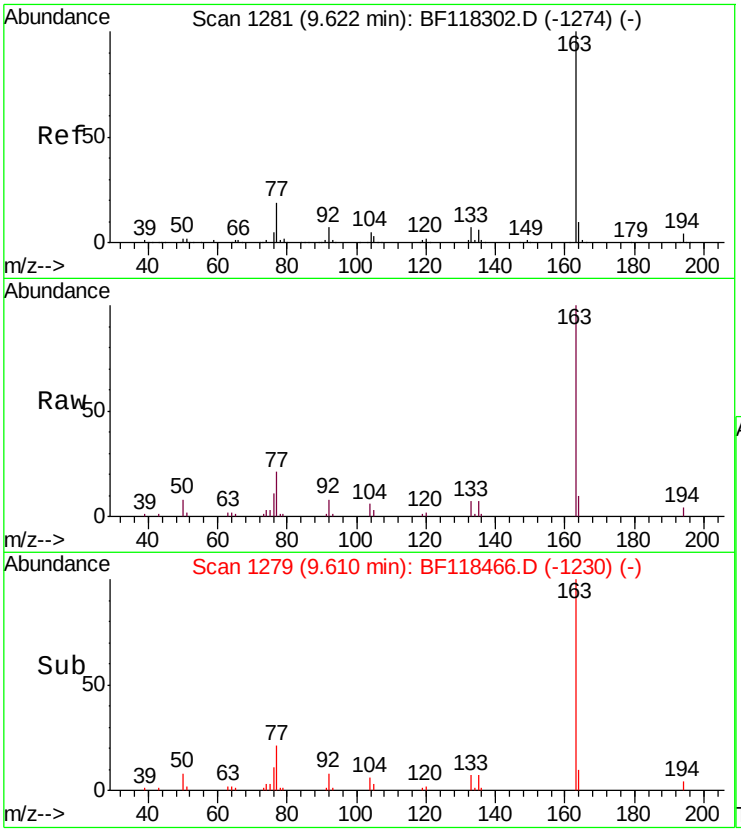


#45
2-Fluorobiphenyl
Concen: 54.303 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF118466.D
Acq: 3 Jan 2020 19:37

Tgt Ion:172 Resp: 503399

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.3	43.9
170	23.7	19.2	28.8



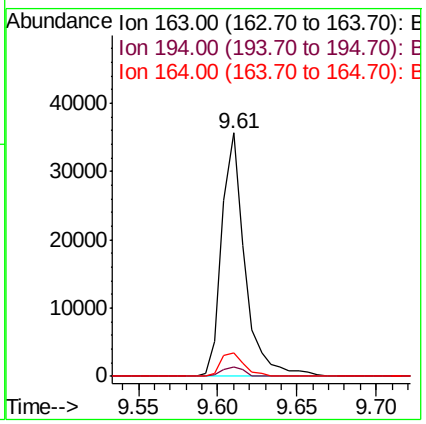


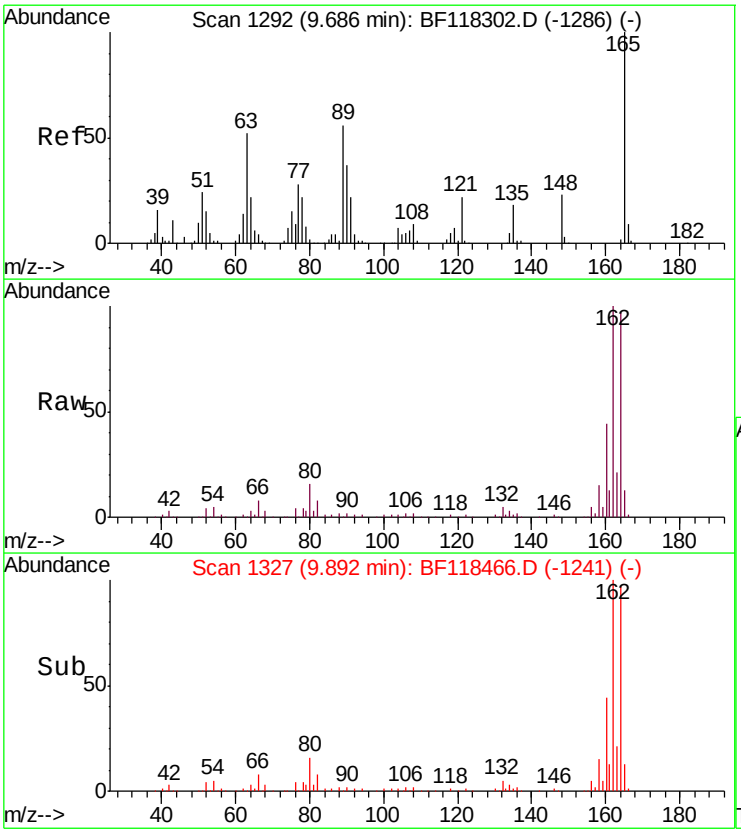
#50
Dimethylphthalate
Concen: 3.390 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118466.D
Acq: 3 Jan 2020 19:37

Instrument :
BNA_F
ClientSampleId :
SB-01

Tgt Ion:163 Resp: 36012

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.5	7.9	11.9

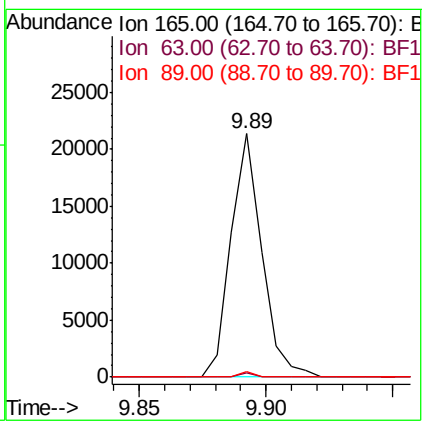


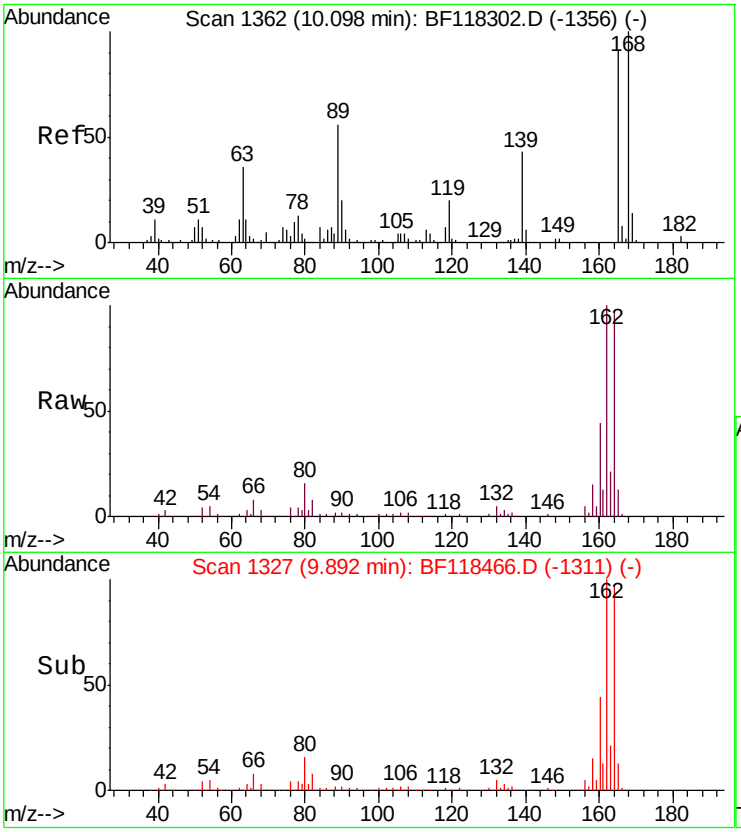


#51
2,6-Dinitrotoluene
Concen: 7.908 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF118466.D
Acq: 3 Jan 2020 19:37

Tgt Ion:165 Resp: 18110

Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.2	63.4#
89	2.4	44.4	66.6#



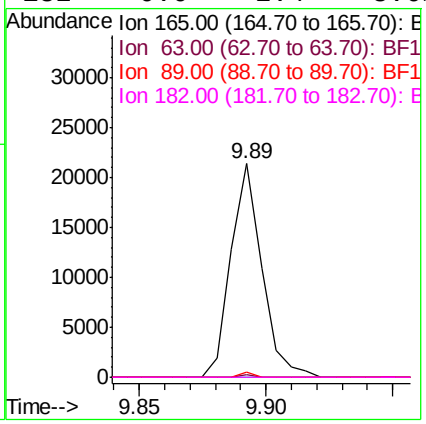


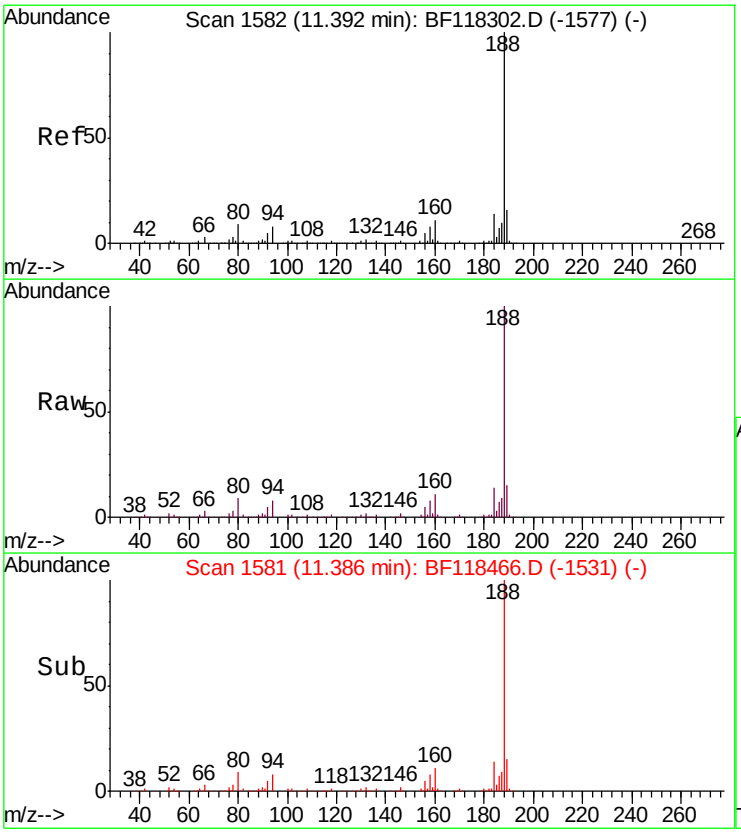
#57
2,4-Dinitrotoluene
Concen: 5.918 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.21 min
Lab File: BF118466.D
Acq: 3 Jan 2020 19:37

Instrument :
BNA_F
ClientSampleId :
SB-01

Tgt Ion:165 Resp: 18110

Ion	Ratio	Lower	Upper
165	100		
63	1.5	32.0	48.0#
89	2.4	49.3	73.9#
182	0.0	2.4	3.6#

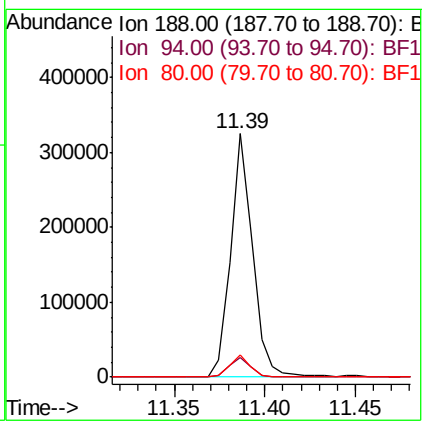


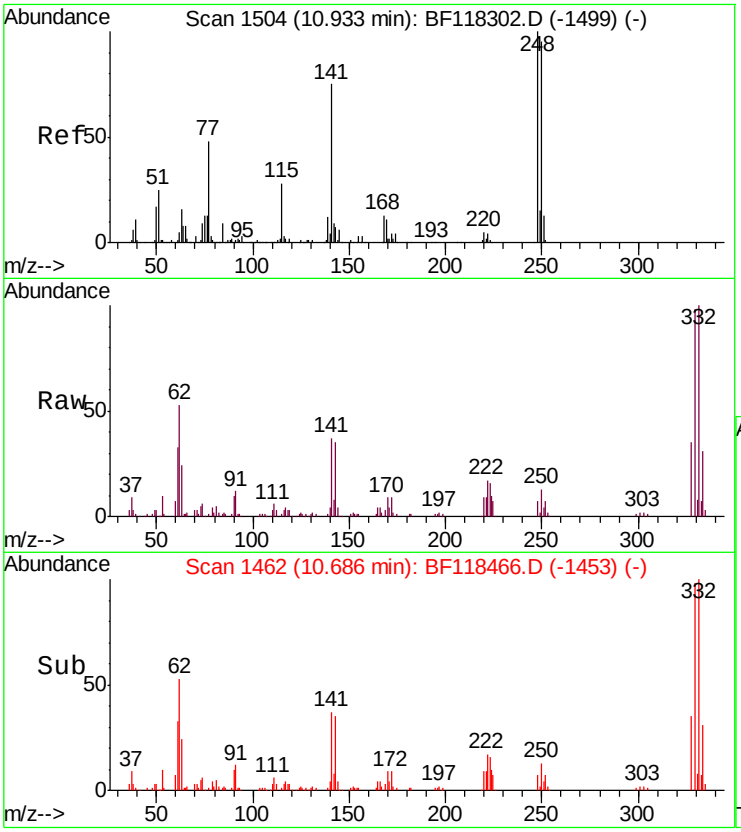


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF118466.D
Acq: 3 Jan 2020 19:37

Tgt Ion:188 Resp: 277463

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	9.1	7.2	10.8



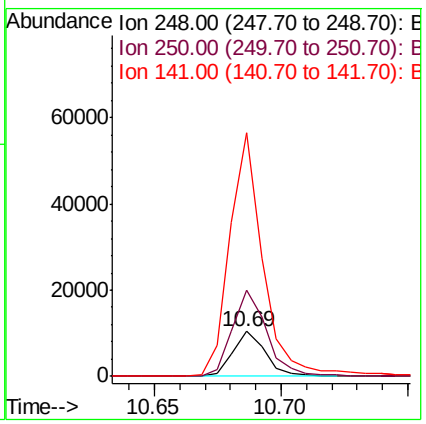


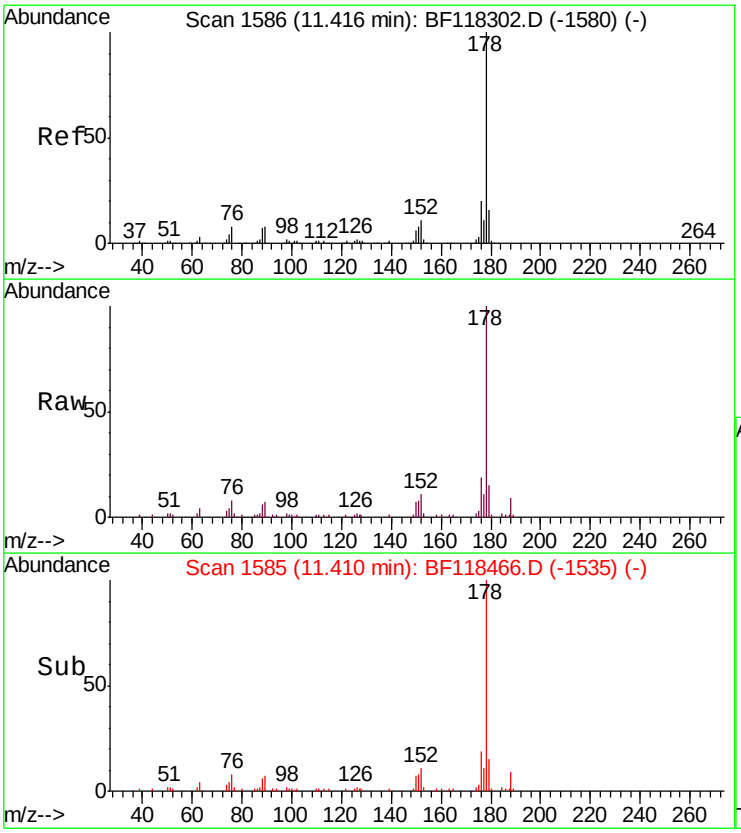
#67
4-Bromophenyl-phenylether
Concen: 2.817 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.25 min
Lab File: BF118466.D
Acq: 3 Jan 2020 19:37

Instrument :
BNA_F
ClientSampleId :
SB-01

Tgt Ion:248 Resp: 9146

Ion	Ratio	Lower	Upper
248	100		
250	192.9	76.4	114.6#
141	545.5	60.2	90.2#

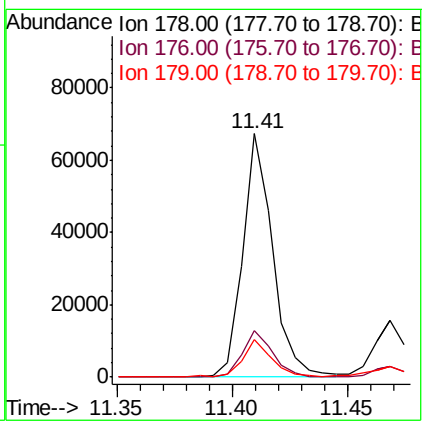


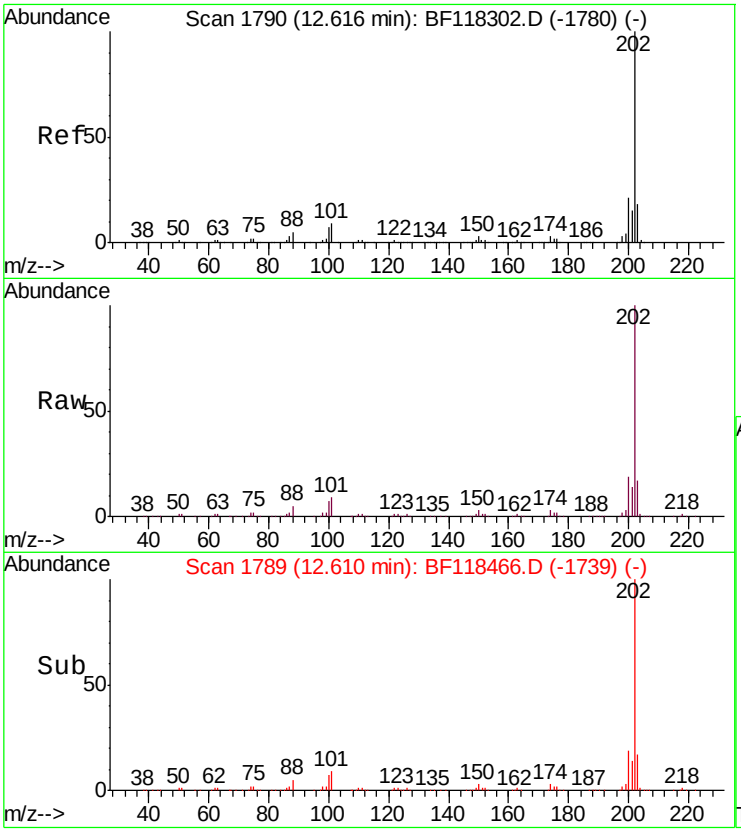


#71
Phenanthrene
Concen: 4.031 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118466.D
Acq: 3 Jan 2020 19:37

Tgt Ion:178 Resp: 60970

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	15.4	12.6	19.0



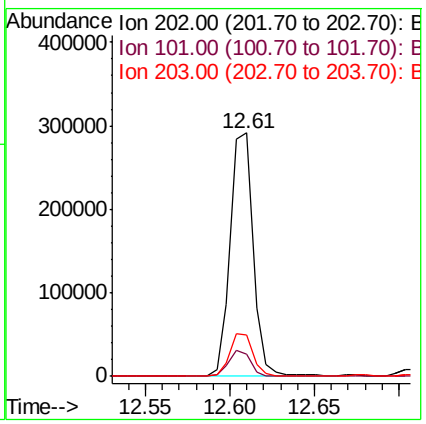


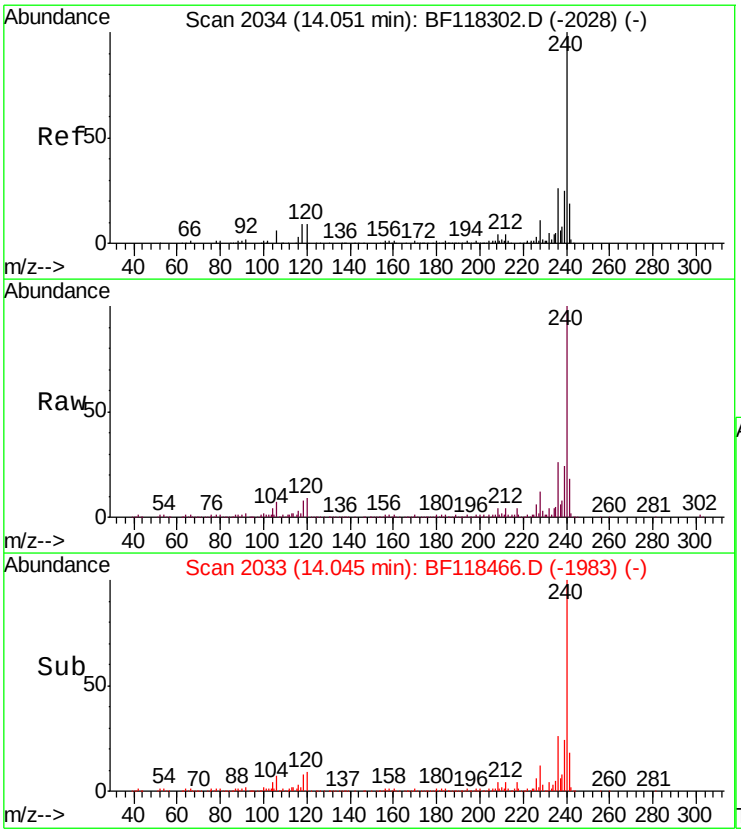
#75
Fluoranthene
Concen: 18.059 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF118466.D
Acq: 3 Jan 2020 19:37

Instrument :
BNA_F
ClientSampleId :
SB-01

Tgt Ion:202 Resp: 275670

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	29.5
203	17.1	0.0	37.6

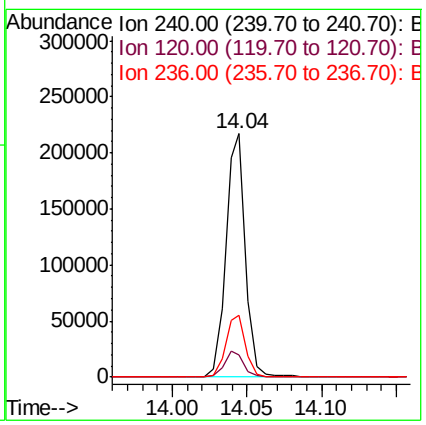


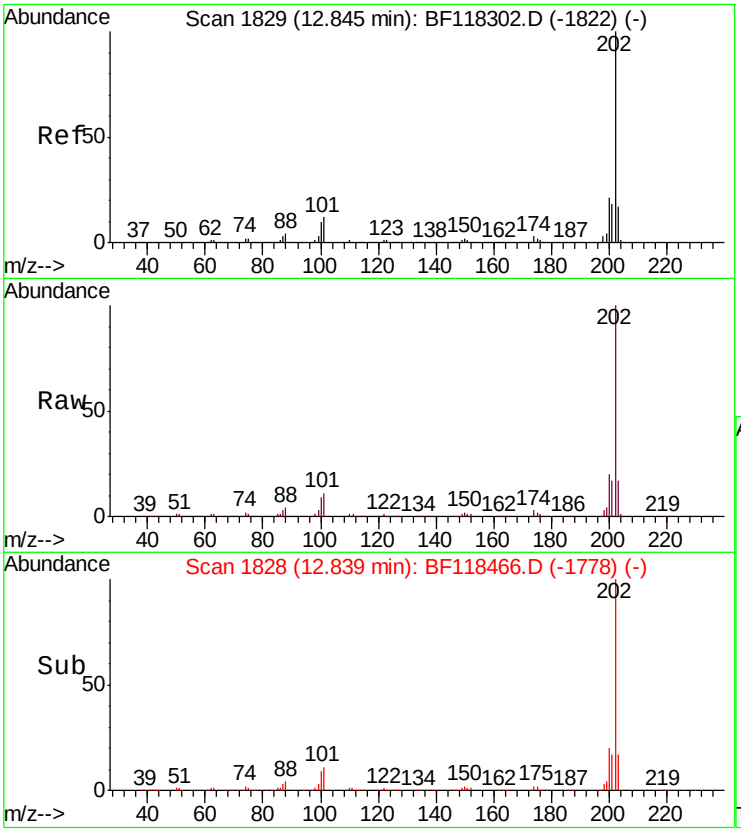


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118466.D
Acq: 3 Jan 2020 19:37

Tgt Ion:240 Resp: 199694

Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.1	10.7
236	25.5	21.0	31.6



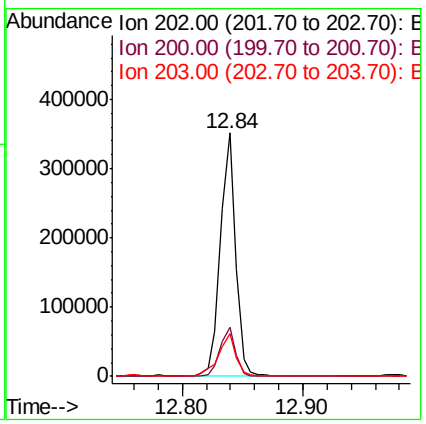


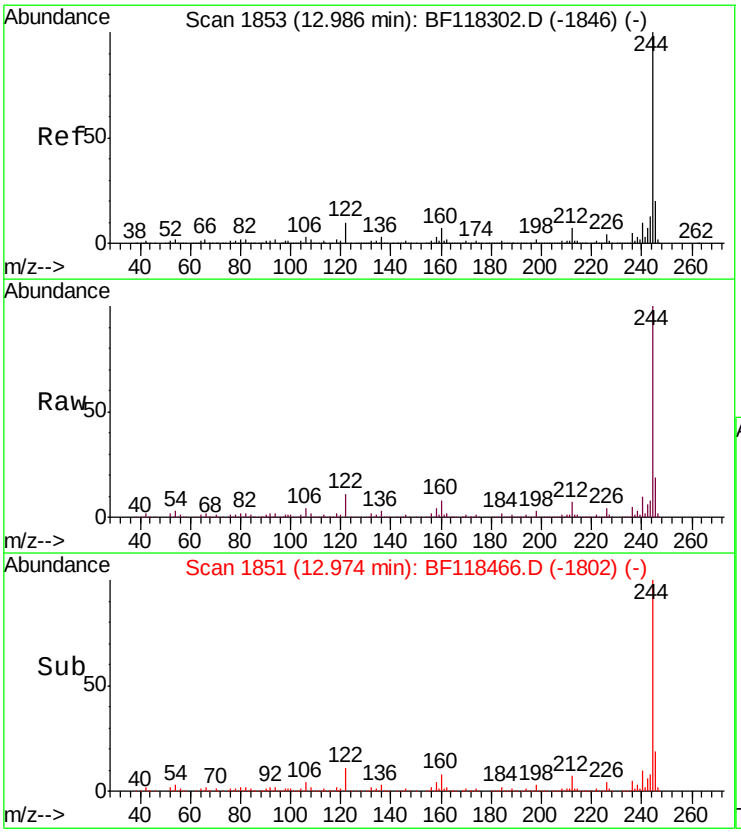
#78
Pyrene
Concen: 18.746 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF118466.D
Acq: 3 Jan 2020 19:37

Instrument :
BNA_F
ClientSampleId :
SB-01

Tgt Ion:202 Resp: 305690

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.8	25.2
203	17.3	13.9	20.9

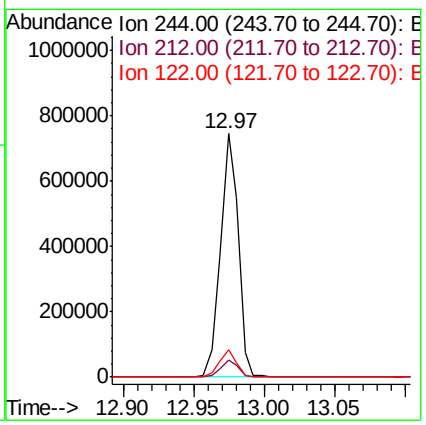


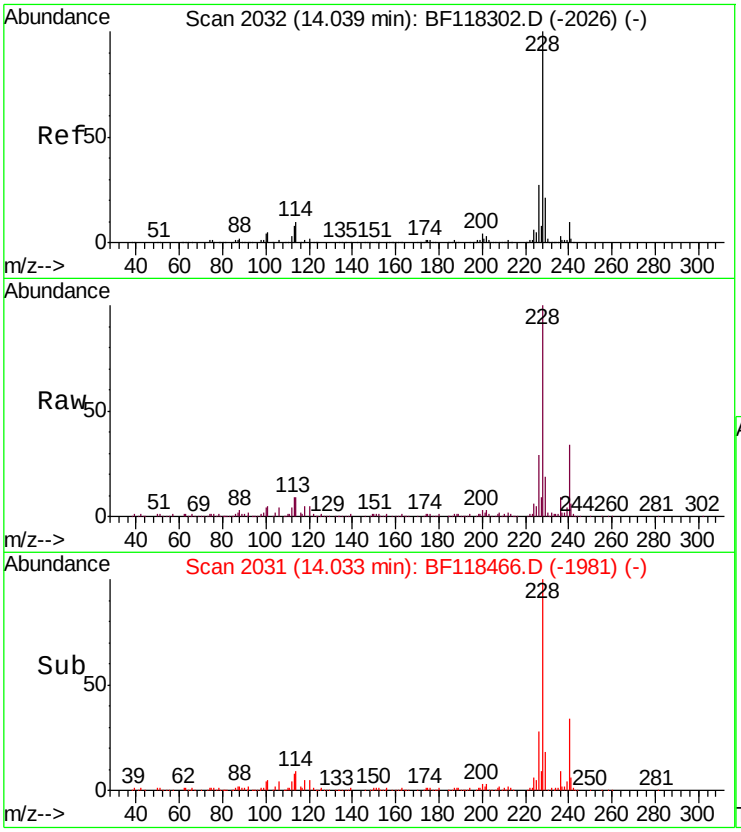


#79
Terphenyl-d14
Concen: 54.196 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF118466.D
Acq: 3 Jan 2020 19:37

Tgt Ion:244 Resp: 652348

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.2
122	11.0	7.8	11.8



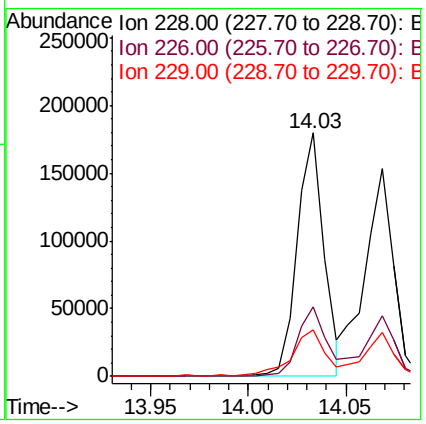


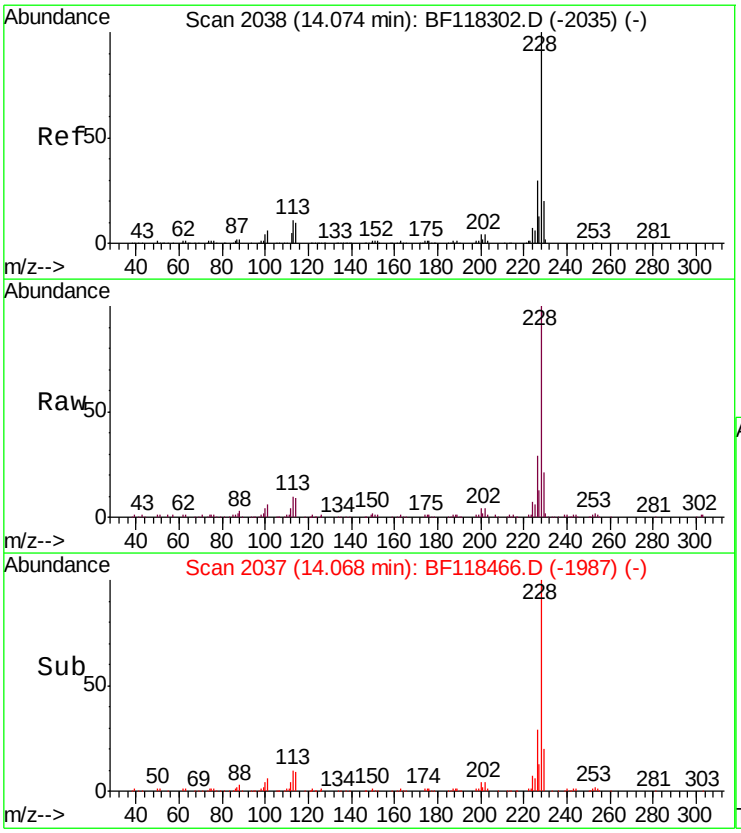
#81
Benzo(a)anthracene
Concen: 12.152 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118466.D
Acq: 3 Jan 2020 19:37

Instrument :
BNA_F
ClientSampleId :
SB-01

Tgt Ion:228 Resp: 169856

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.0	33.0
229	19.0	16.6	24.8

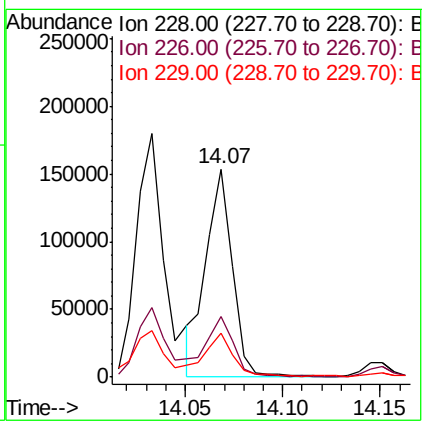


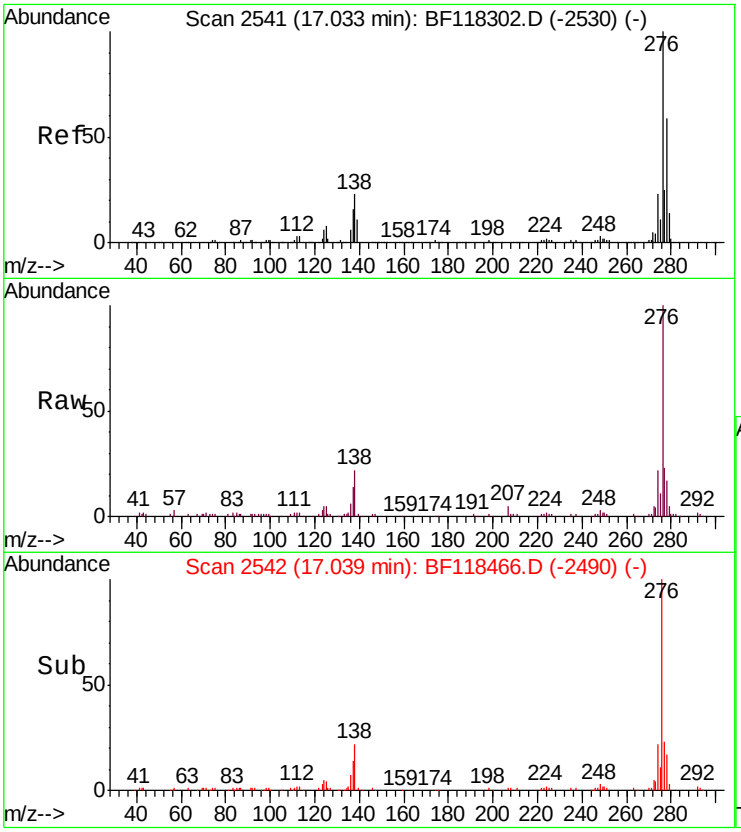


#83
Chrysene
Concen: 10.774 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118466.D
Acq: 3 Jan 2020 19:37

Tgt Ion:228 Resp: 144200

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.9	35.9
229	21.0	16.1	24.1



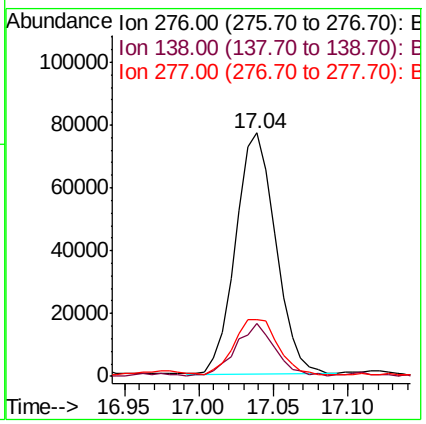


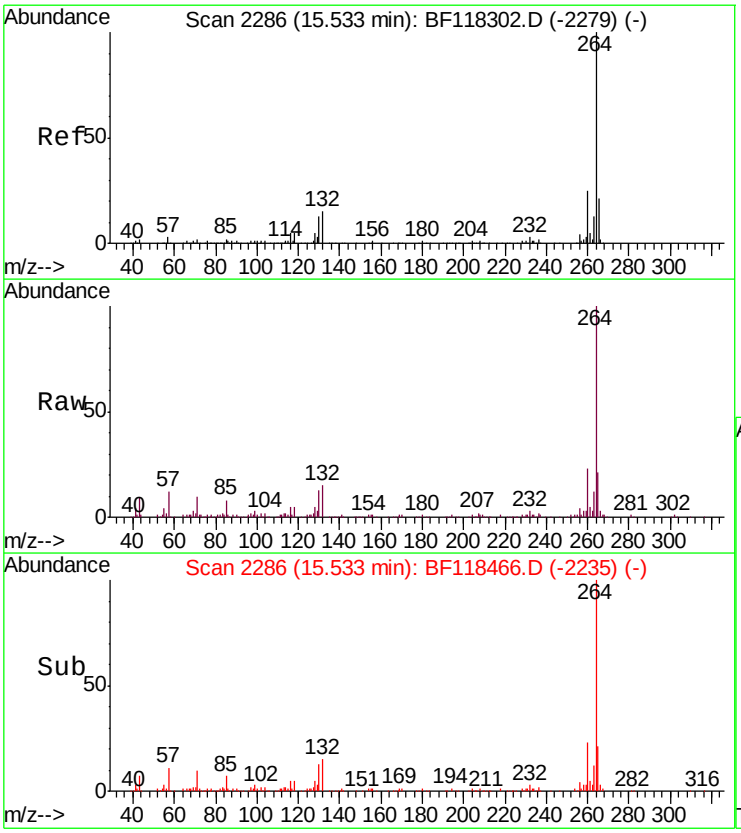
#86
Indeno(1,2,3-cd)pyrene
Concen: 12.547 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF118466.D
Acq: 3 Jan 2020 19:37

Instrument :
BNA_F
ClientSampleId :
SB-01

Tgt Ion:276 Resp: 143085

Ion	Ratio	Lower	Upper
276	100		
138	21.8	19.5	29.3
277	25.1	20.6	30.8

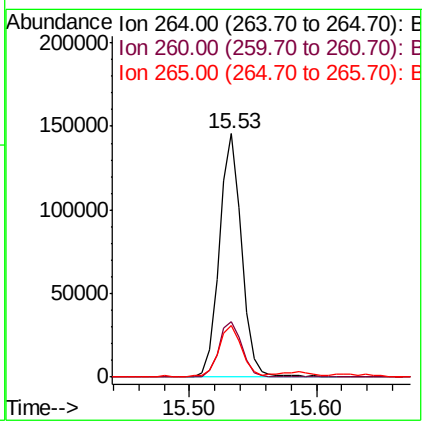


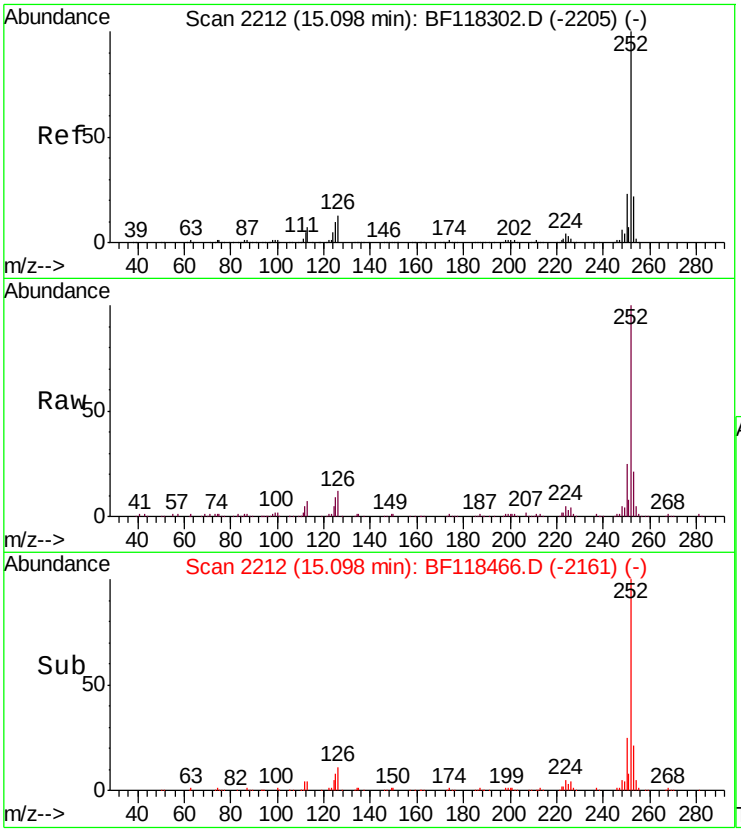


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.00 min
Lab File: BF118466.D
Acq: 3 Jan 2020 19:37

Tgt Ion:264 Resp: 177122

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.8	29.6
265	21.5	17.0	25.4



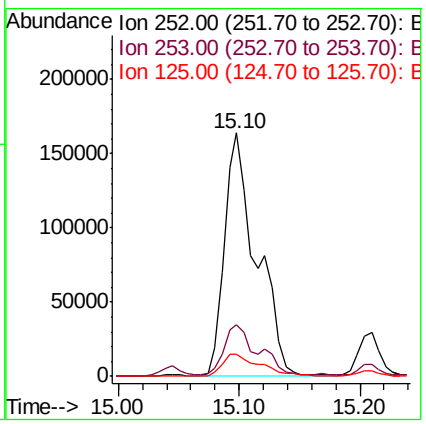


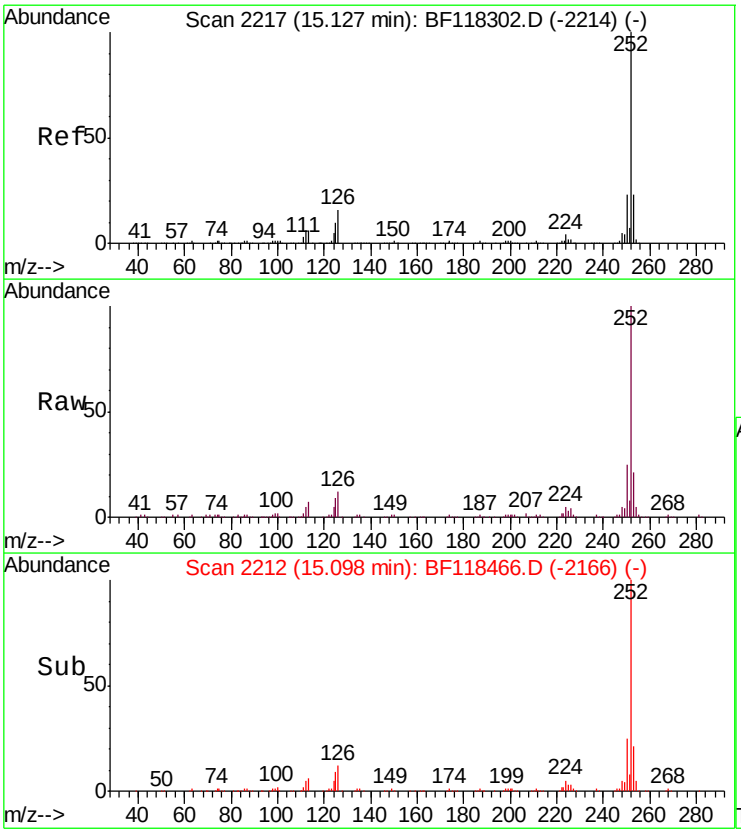
#88
Benzo(b)fluoranthene
Concen: 25.447 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BF118466.D
Acq: 3 Jan 2020 19:37

Instrument :
BNA_F
ClientSampleId :
SB-01

Tgt Ion:252 Resp: 299189

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.5	26.3
125	9.4	7.7	11.5

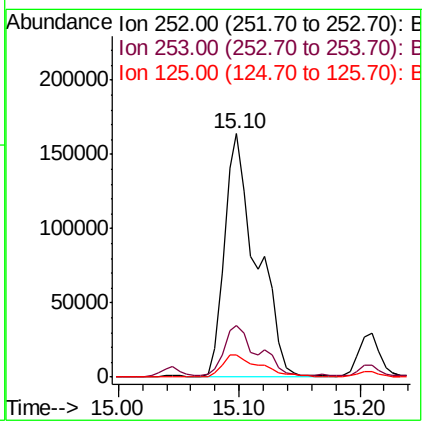


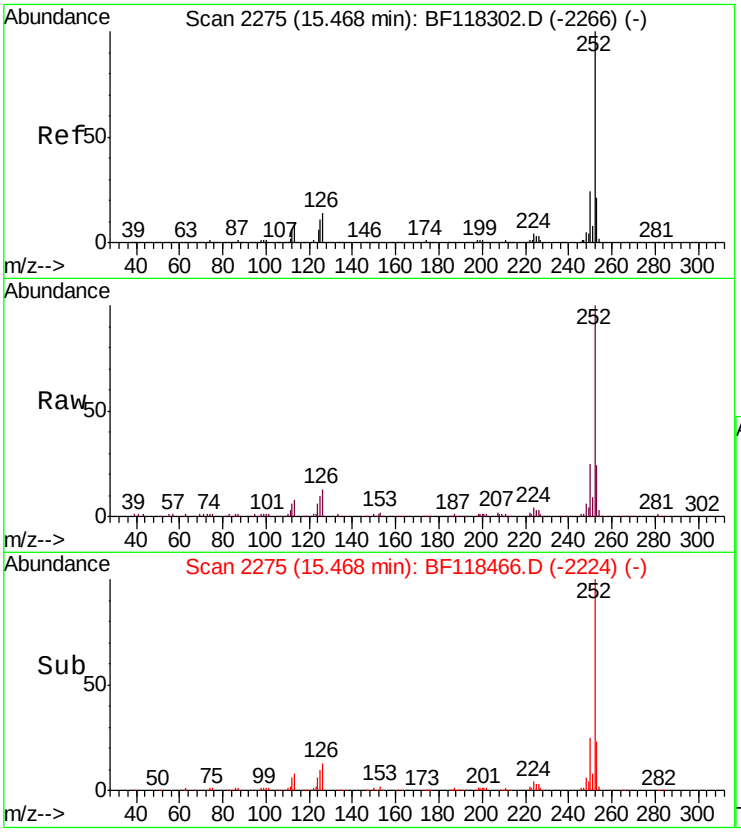


#89
Benzo(k)fluoranthene
Concen: 26.502 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.03 min
Lab File: BF118466.D
Acq: 3 Jan 2020 19:37

Tgt Ion:252 Resp: 299189

Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.0	27.0
125	9.4	8.0	12.0



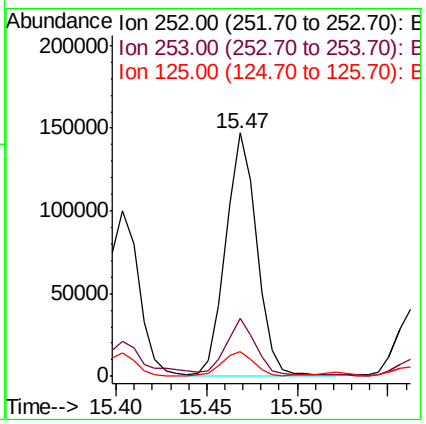


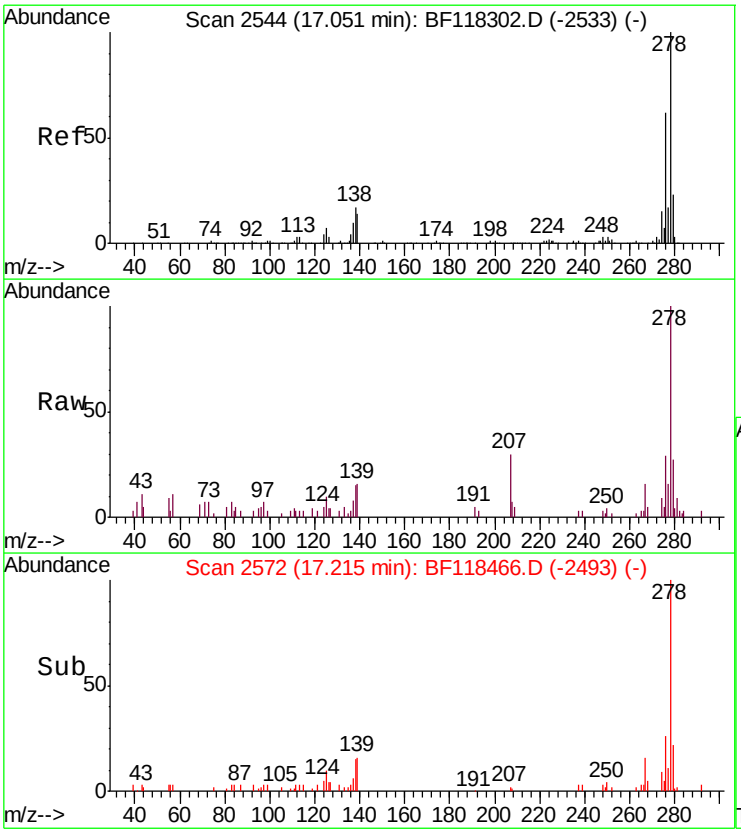
#90
Benzo(a)pyrene
Concen: 16.934 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF118466.D
Acq: 3 Jan 2020 19:37

Instrument :
BNA_F
ClientSampleId :
SB-01

Tgt Ion:252 Resp: 175389

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.0	25.6
125	10.3	9.0	13.4

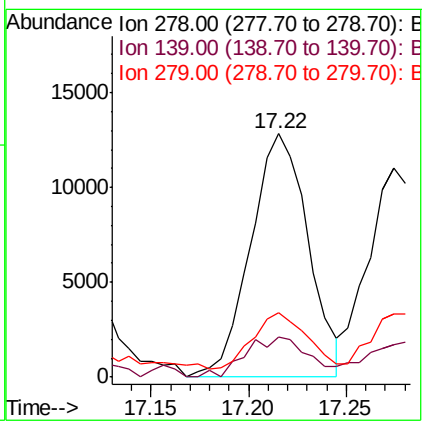


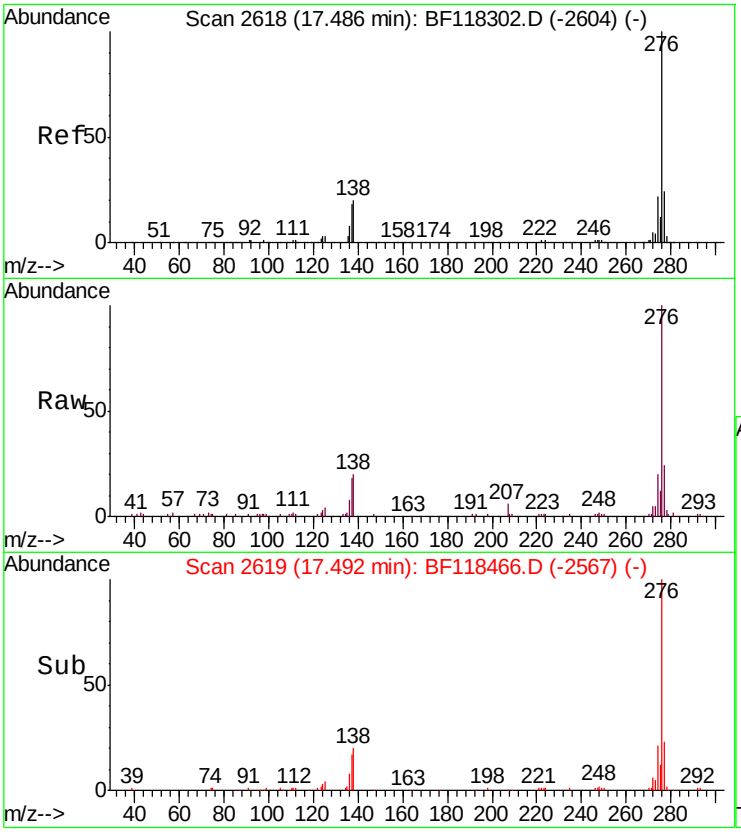


#91
Dibenzo(a,h)anthracene
Concen: 2.922 ng
RT: 17.22 min Scan# 2572
Delta R.T. 0.16 min
Lab File: BF118466.D
Acq: 3 Jan 2020 19:37

Tgt Ion:278 Resp: 26266

Ion	Ratio	Lower	Upper
278	100		
139	16.3	11.5	17.3
279	26.6	18.3	27.5





#92
Benzo(g,h,i)perylene
Concen: 17.086 ng
RT: 17.49 min Scan# 2619
Delta R.T. 0.01 min
Lab File: BF118466.D
Acq: 3 Jan 2020 19:37

Instrument :
BNA_F
ClientSampleId :
SB-01

Tgt Ion:276 Resp: 148341

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	20.2	16.1	24.1