Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010220\

Quantitation Report (Not Reviewed)

Data File : BF118450.D
Acq On : 2 Jan 2020 22:06
Operator : JU
Sample : K6465-09RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-8

Quant Time: Jan 03 02:13:56 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	83501	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	357241	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	183112	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	310538	20.00	ng		0.00
76) Chrysene-d12	14.04	240	207809	20.00	ng		0.00
87) Perylene-d12	15.53	264	193501	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	515852	105.45	ng		0.00
7) Phenol-d6	6.49	99	651352	107.34	ng		0.00
23) Nitrobenzene-d5	7.41	82	393879	63.06	ng		-0.01
42) 2,4,6-Tribromophenol	10.69	330	177101	78.32	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	858545	71.57	ng		-0.01
79) Terphenyl-d14	12.97	244	766794	61.22	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	54888	14.683	ng	#	76
25) Isophorone	7.41	82	393876	36.184	ng	#	62
50) Dimethylphthalate	9.61	163	53049	3.859	ng		98
51) 2,6-Dinitrotoluene	9.89	165	23241	7.843	ng	#	26
57) 2,4-Dinitrotoluene	9.89	165	23241	5.869	ng	#	29
67) 4-Bromophenyl-phenylether	10.69	248	10847	2.985	ng	#	1
71) Phenanthrene	11.41	178	45827	2.707	ng		99
75) Fluoranthene	12.61	202	95042	5.563	ng		99
78) Pyrene	12.84	202	85183	5.020	ng		99
81) Benzo(a)anthracene	14.03	228	48710	3.349	ng		98
83) Chrysene	14.07	228	45607	3.274	ng		96
84) Bis(2-ethylhexyl)phthalate	14.00	149	21894	2.179	ng	#	97
86) Indeno(1,2,3-cd)pyrene	17.04	276	24692	2.081	ng		97
88) Benzo(b)fluoranthene	15.10	252	85071	6.623	ng	#	97
89) Benzo(k)fluoranthene	15.10	252	85071	6.898	ng	#	98
90) Benzo(a)pyrene	15.47	252	40556	3.584	ng	#	92
92) Benzo(g,h,i)perylene	17.50	276	24630	2.597	ng	#	92

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

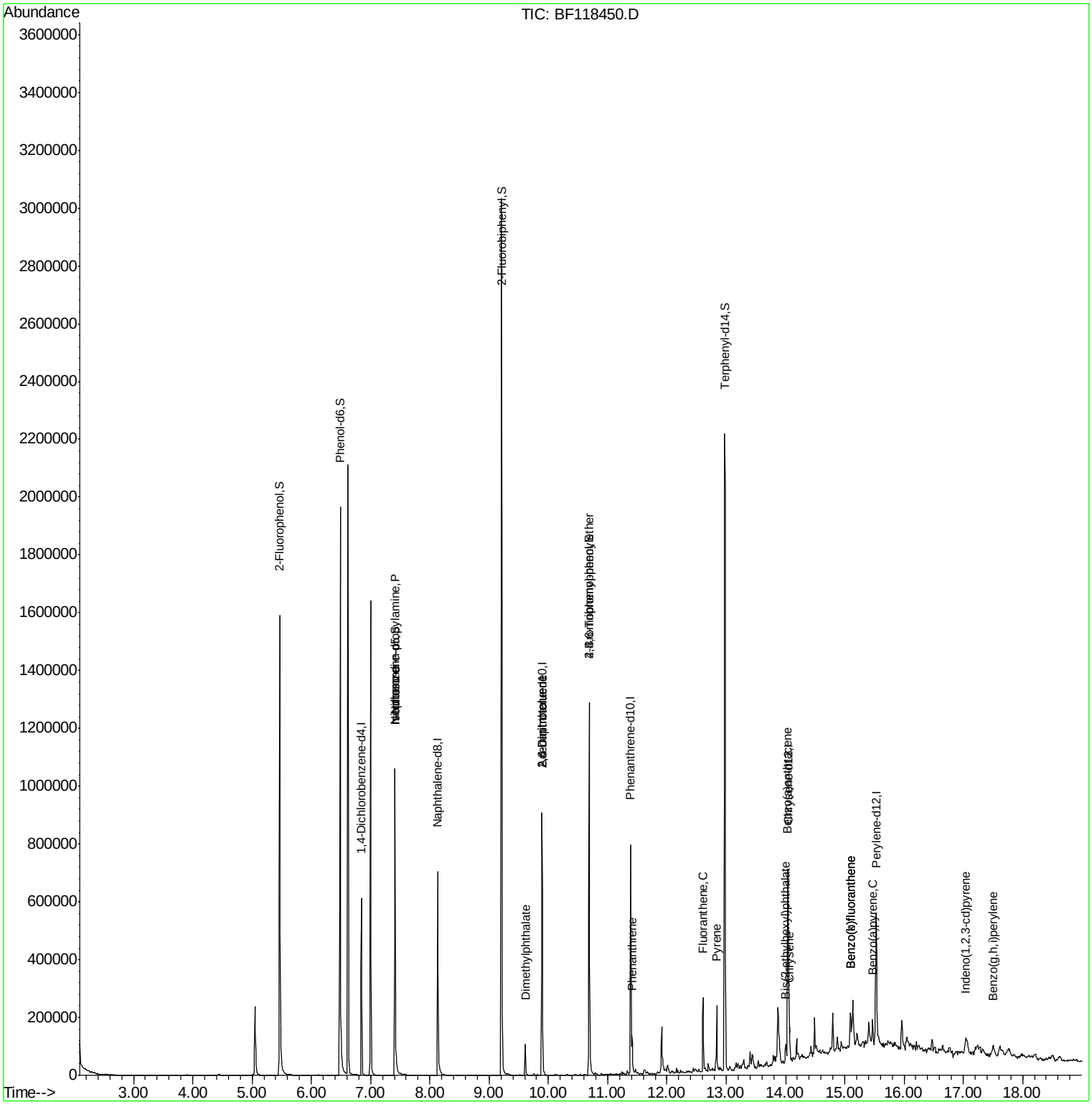
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010220\

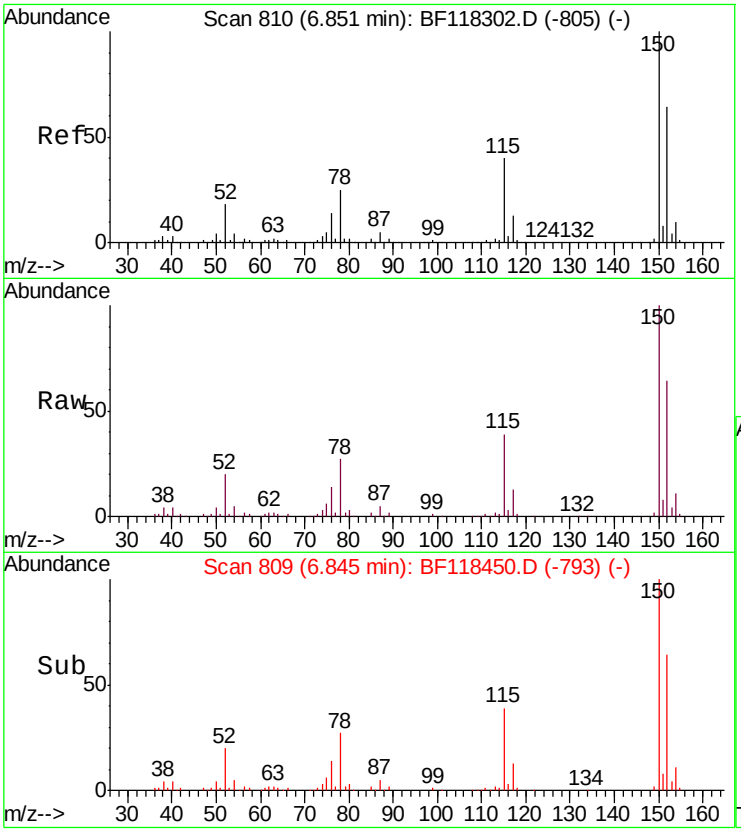
Quantitation Report (Not Reviewed)

Data File : BF118450.D
Acq On : 2 Jan 2020 22:06
Operator : JU
Sample : K6465-09RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-8

Quant Time: Jan 03 02:13:56 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



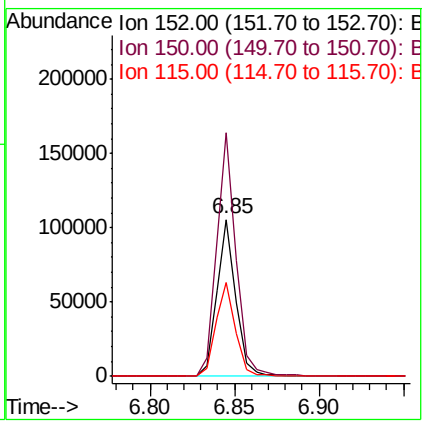


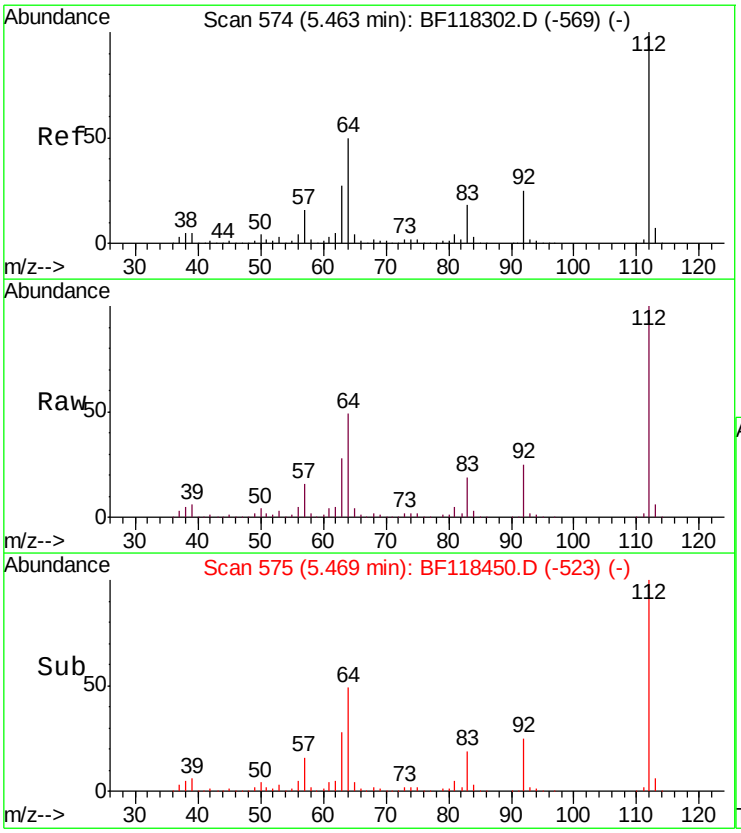
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Instrument :
BNA_F
ClientSampleId :
SS-8

Tgt Ion:152 Resp: 83501

Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.4	188.2
115	60.2	50.2	75.4

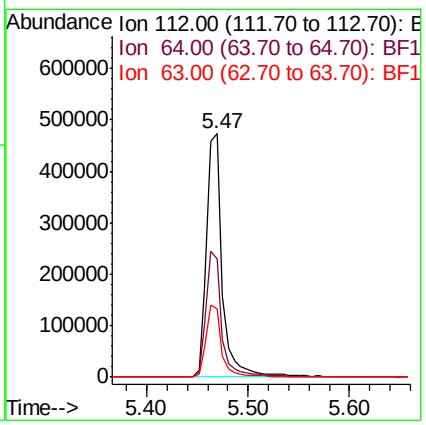


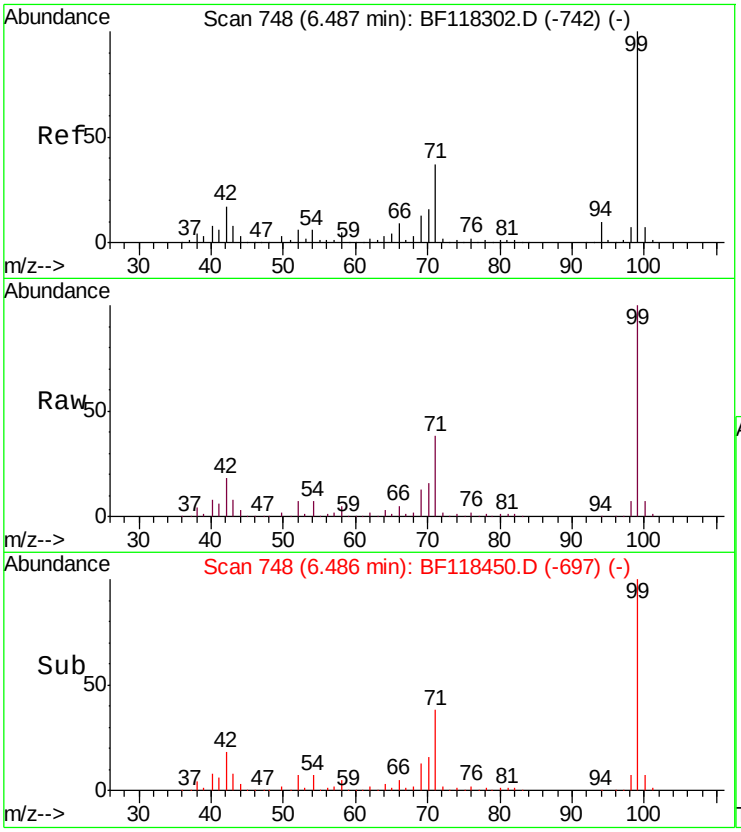


#5
2-Fluorophenol
Concen: 105.454 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Tgt Ion:112 Resp: 515852

Ion	Ratio	Lower	Upper
112	100		
64	48.6	39.7	59.5
63	28.1	21.7	32.5



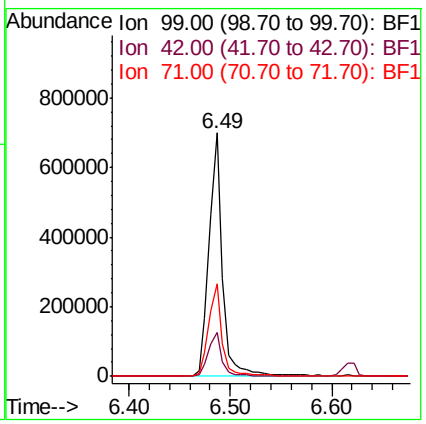


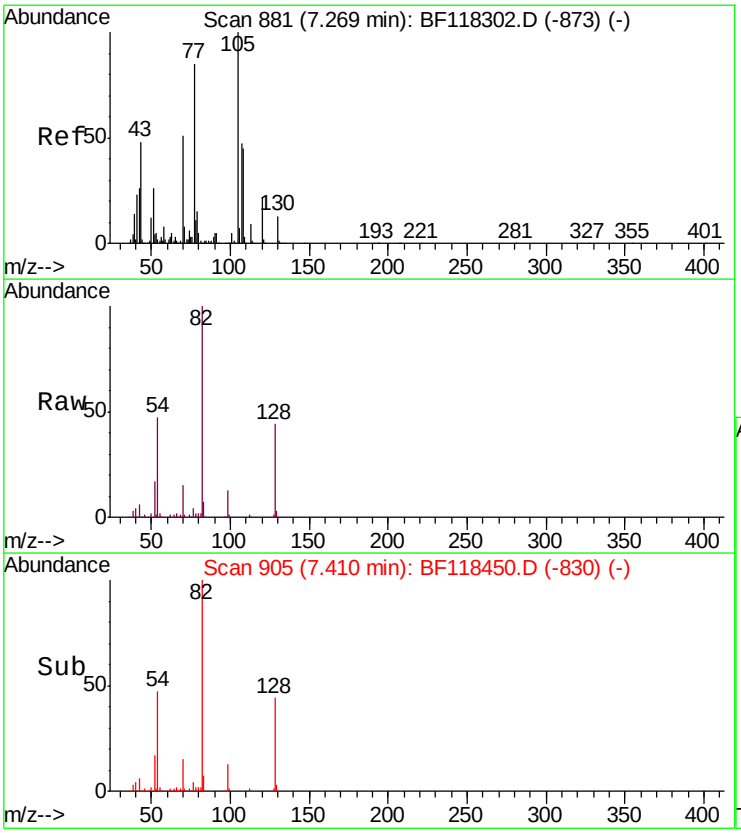
#7
Phenol-d6
Concen: 107.337 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Instrument :
BNA_F
ClientSampleId :
SS-8

Tgt Ion: 99 Resp: 651352

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.5	20.3
71	38.2	29.4	44.2

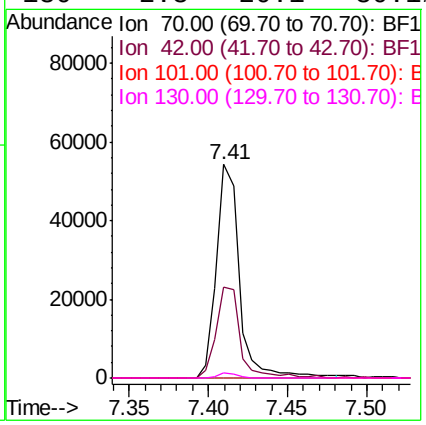


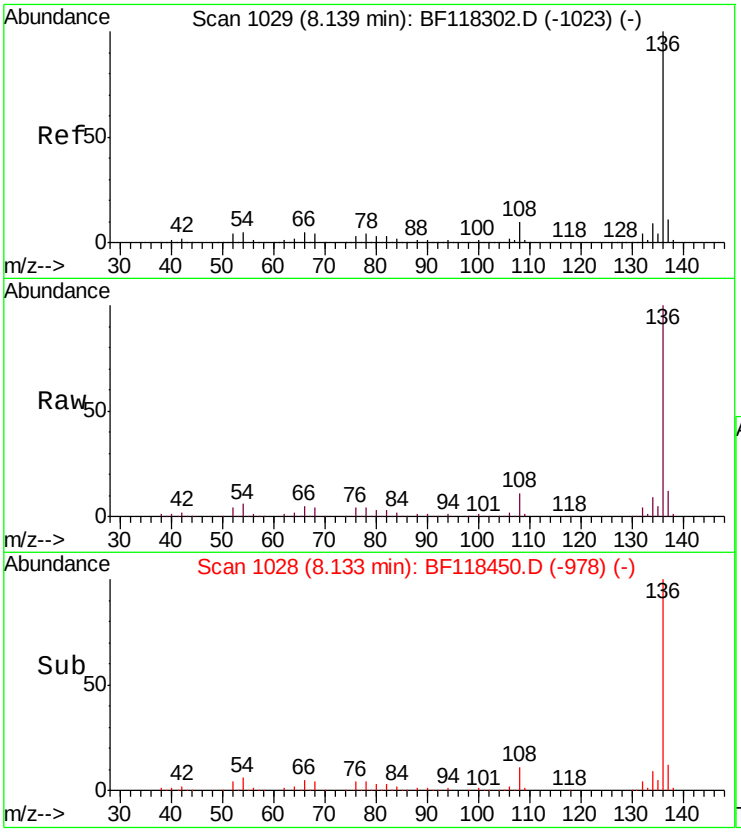


#19
n-Nitroso-di-n-propylamine
Concen: 14.683 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Tgt Ion: 70 Resp: 54888

Ion	Ratio	Lower	Upper
70	100		
42	42.3	41.1	61.7
101	0.0	8.3	12.5#
130	2.3	20.1	30.1#



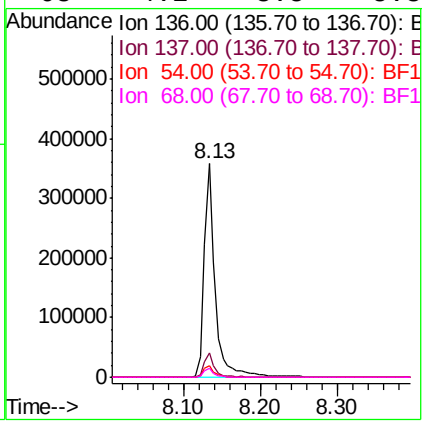


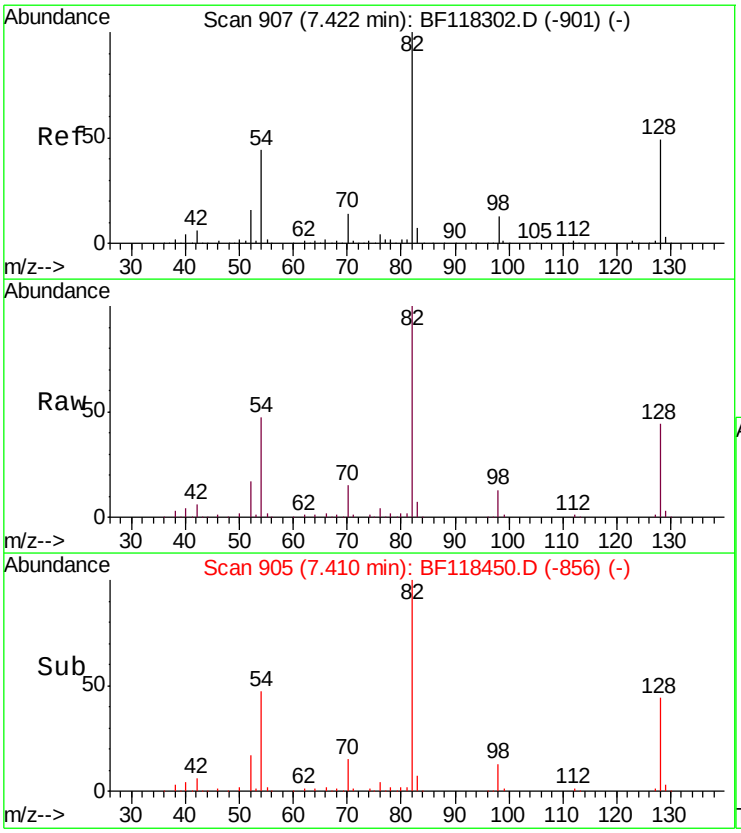
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Instrument :
BNA_F
ClientSampleId :
SS-8

Tgt Ion:136 Resp: 357241

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	5.7	4.2	6.4
68	4.2	3.5	5.3

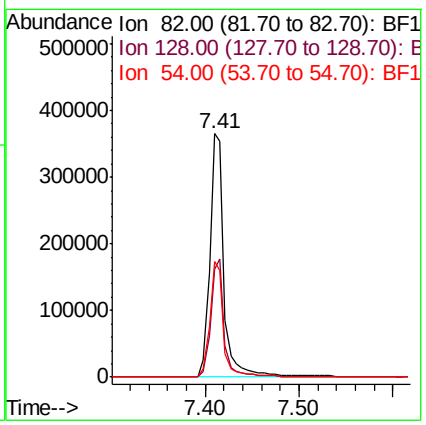


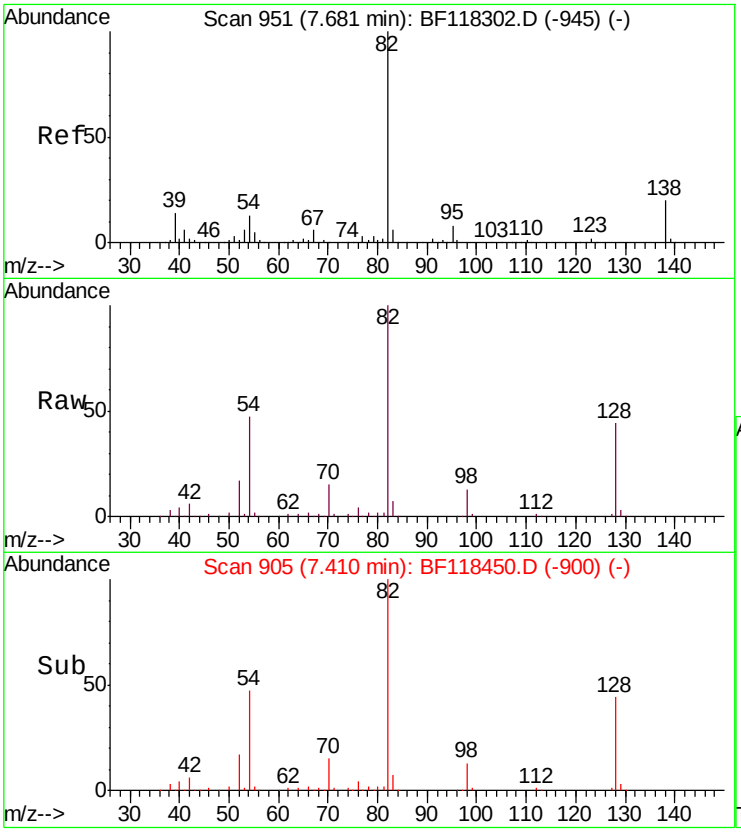


#23
Nitrobenzene-d5
Concen: 63.061 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Tgt Ion: 82 Resp: 393879

Ion	Ratio	Lower	Upper
82	100		
128	44.2	39.6	59.4
54	47.3	34.9	52.3



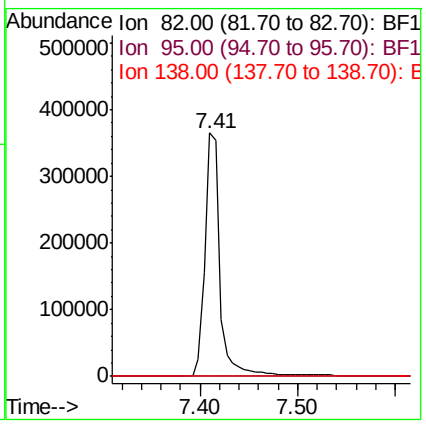


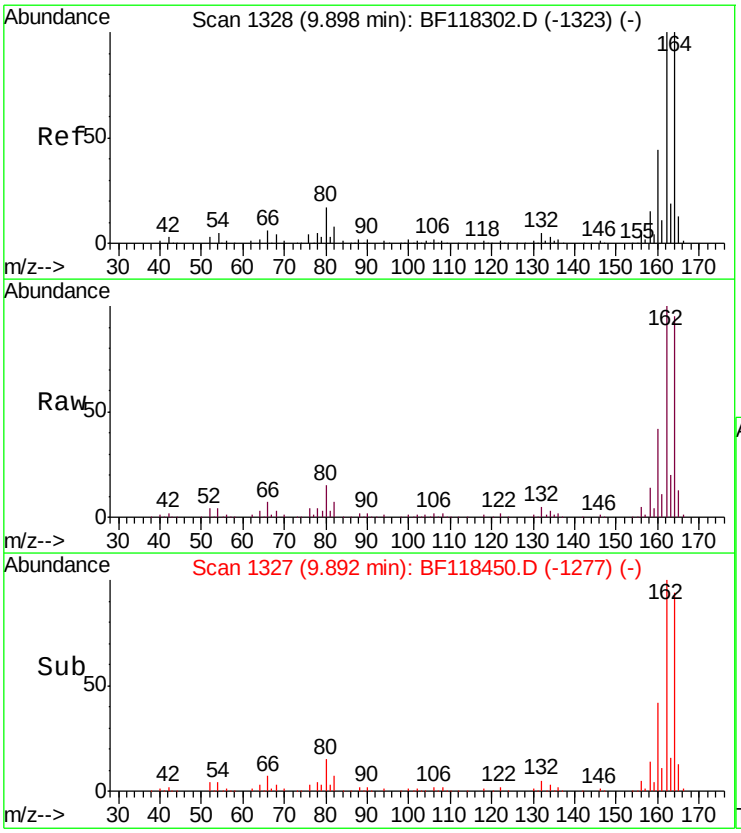
#25
Isophorone
Concen: 36.184 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.27 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Instrument :
BNA_F
ClientSampleId :
SS-8

Tgt Ion: 82 Resp: 393876

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

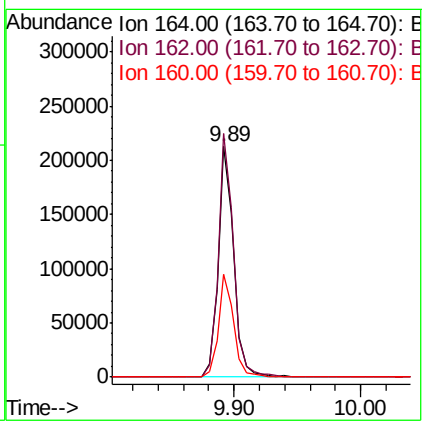


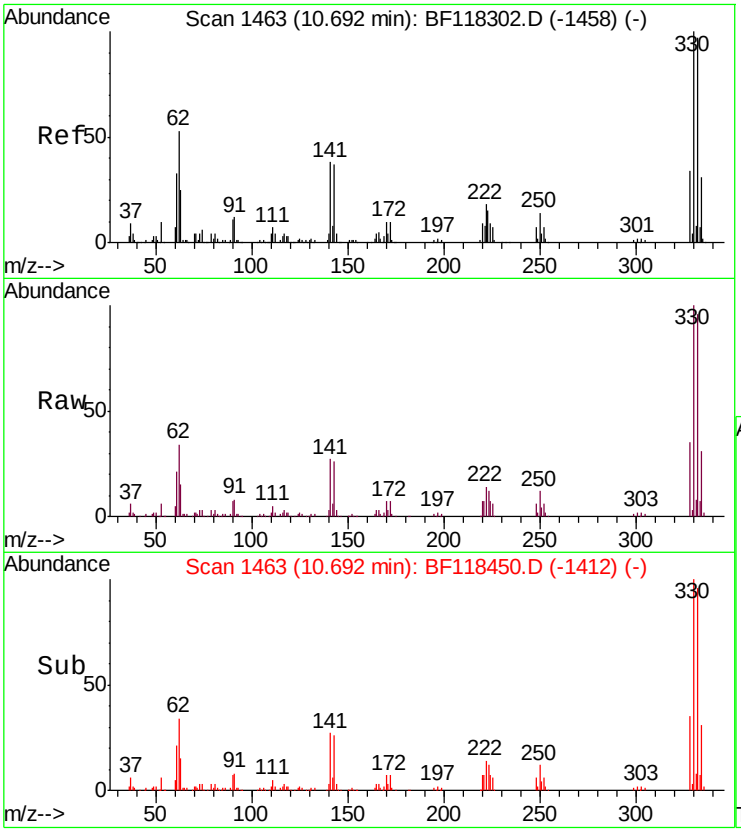


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Tgt Ion:164 Resp: 183112

Ion	Ratio	Lower	Upper
164	100		
162	105.5	80.0	120.0
160	44.4	34.8	52.2



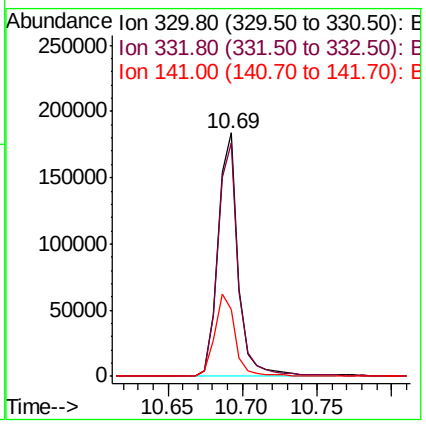


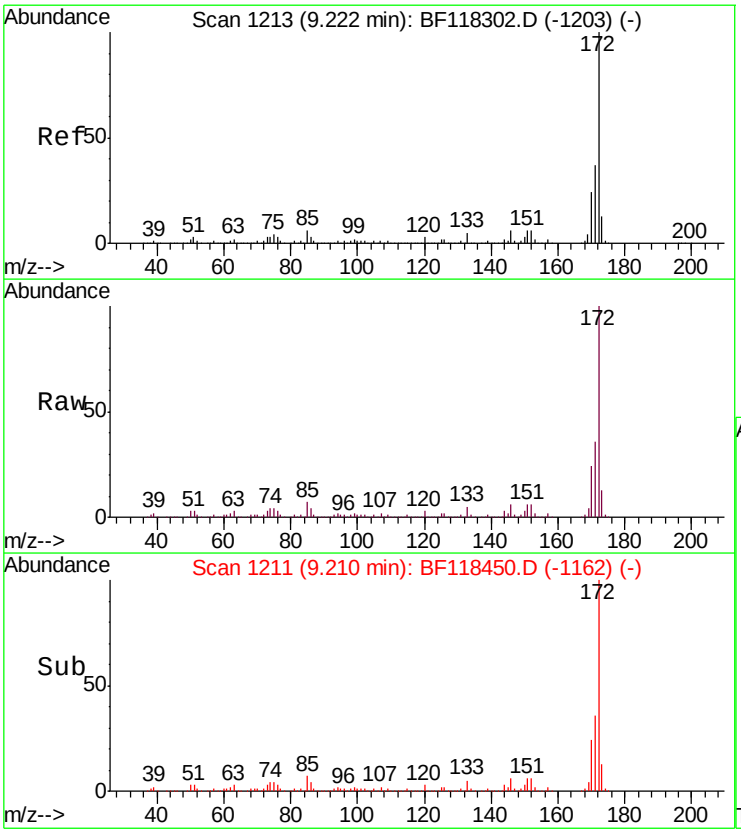
#42
2,4,6-Tribromophenol
Concen: 78.318 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Instrument :
BNA_F
ClientSampleId :
SS-8

Tgt Ion:330 Resp: 177101

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	114.8
141	34.6	26.0	39.0

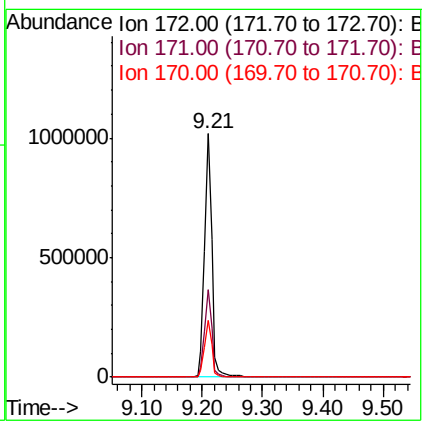


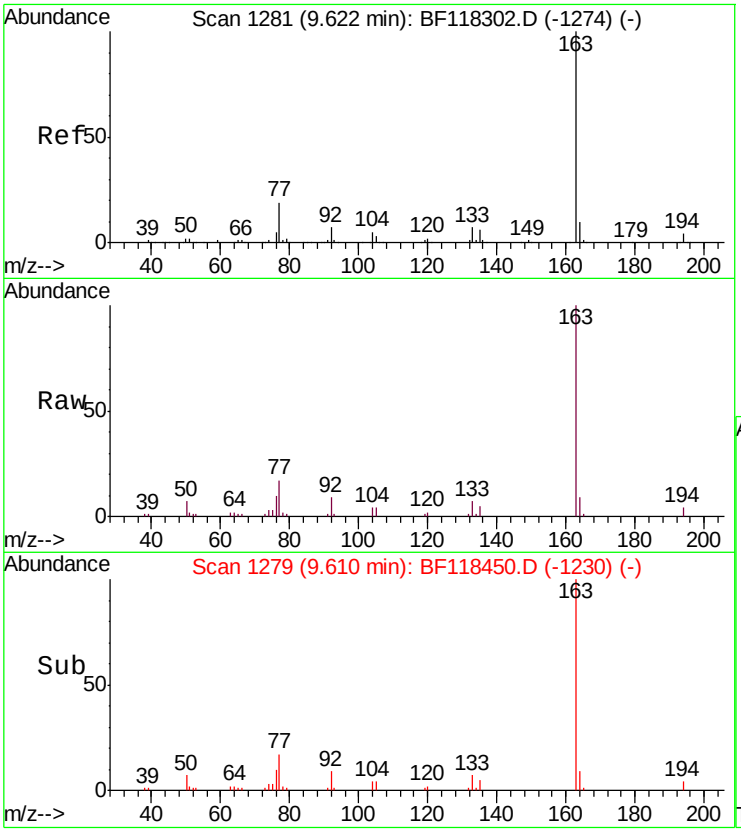


#45
2-Fluorobiphenyl
Concen: 71.571 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Tgt Ion:172 Resp: 858545

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.3	43.9
170	23.5	19.2	28.8



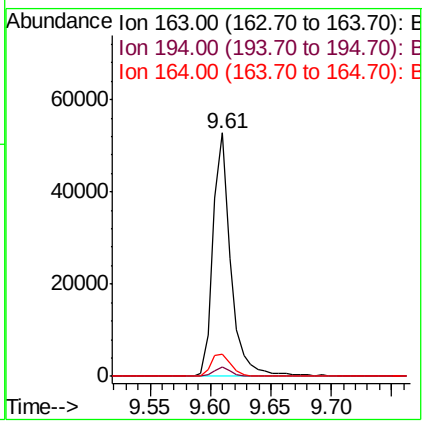


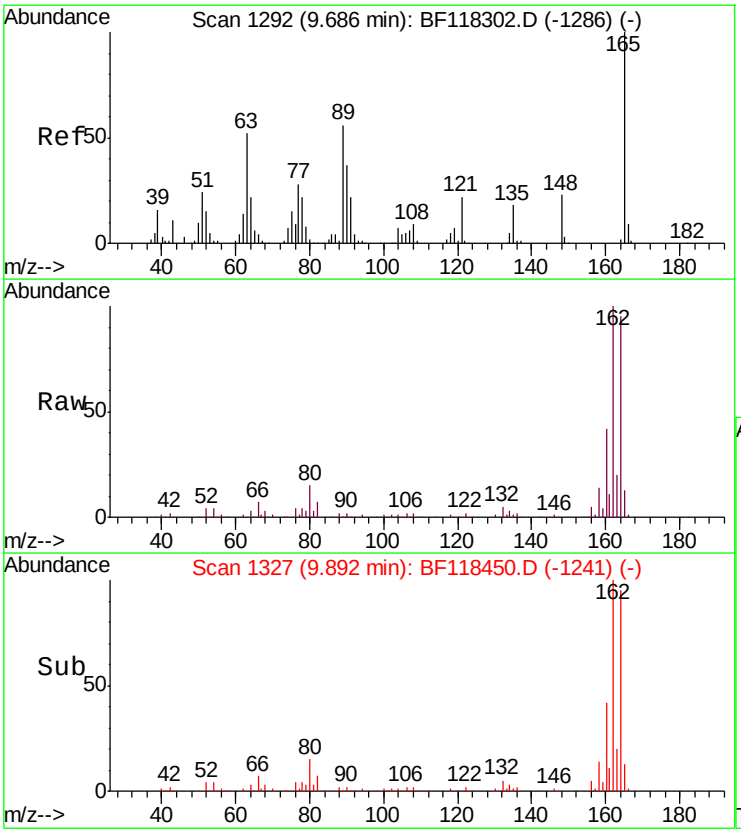
#50
Dimethylphthalate
Concen: 3.859 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Instrument :
BNA_F
ClientSampleId :
SS-8

Tgt Ion:163 Resp: 53049

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	9.1	7.9	11.9

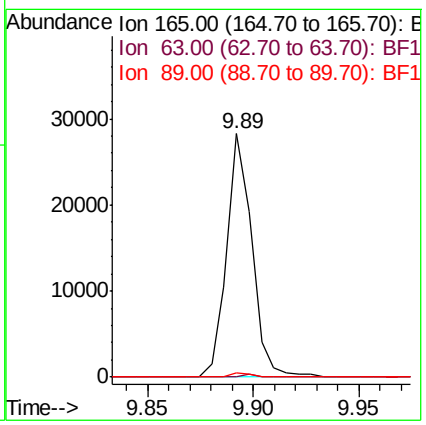


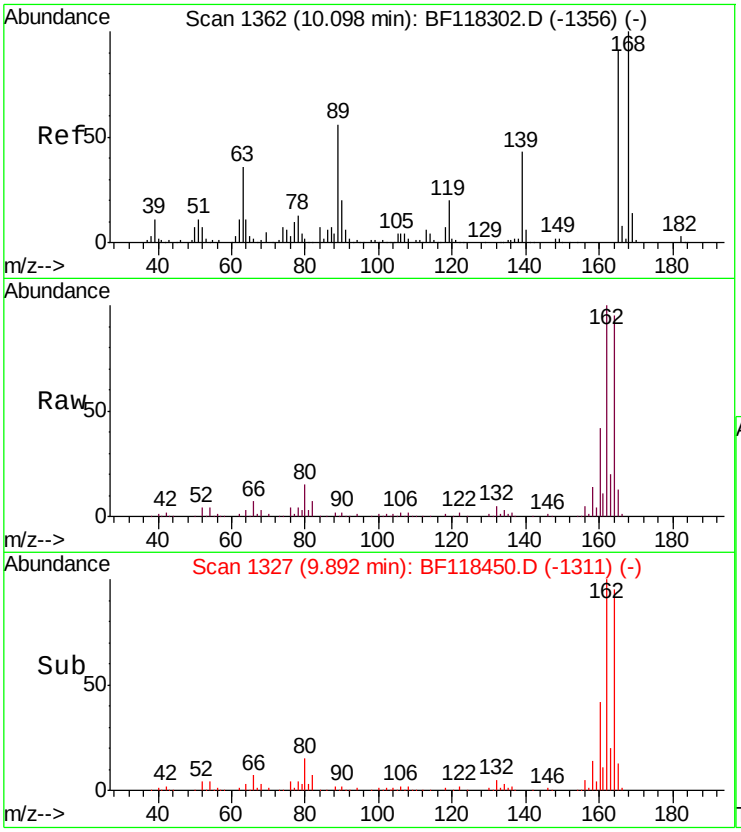


#51
2,6-Dinitrotoluene
Concen: 7.843 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Tgt Ion:165 Resp: 23241

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.2	63.4#
89	1.6	44.4	66.6#



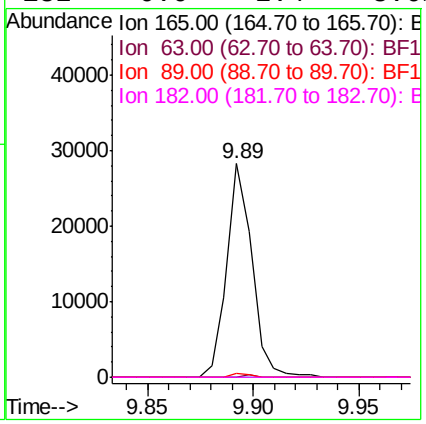


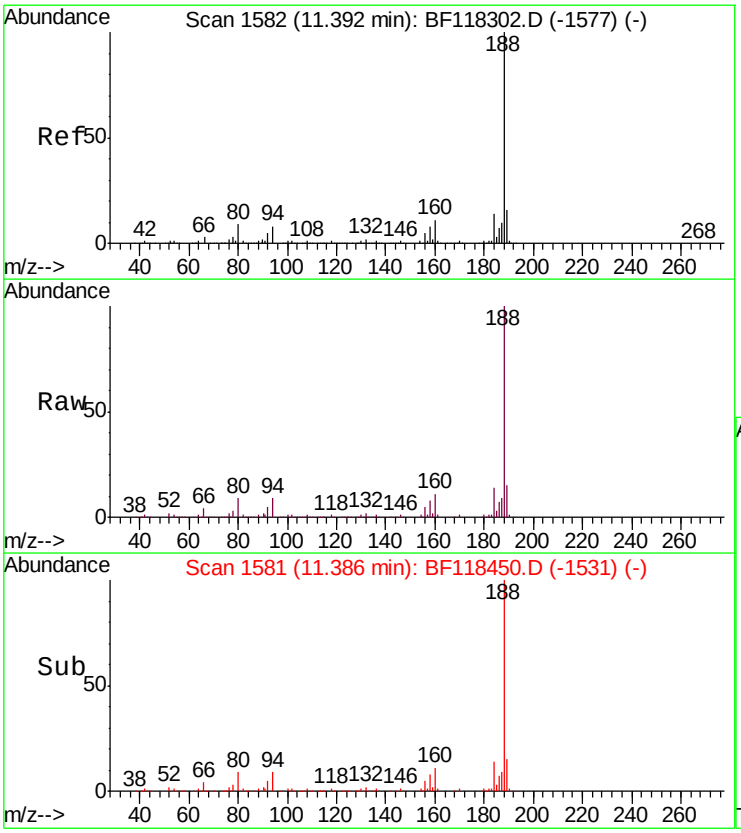
#57
2,4-Dinitrotoluene
Concen: 5.869 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.21 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Instrument :
BNA_F
ClientSampleId :
SS-8

Tgt Ion:165 Resp: 23241

Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.0	48.0#
89	1.6	49.3	73.9#
182	0.0	2.4	3.6#

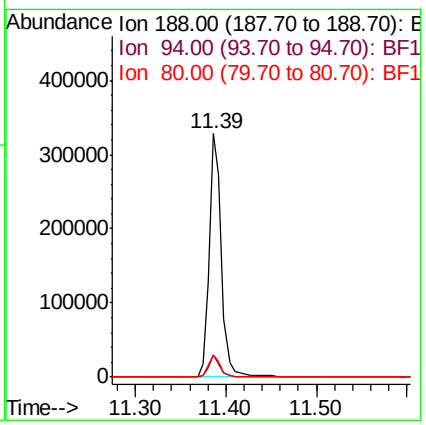


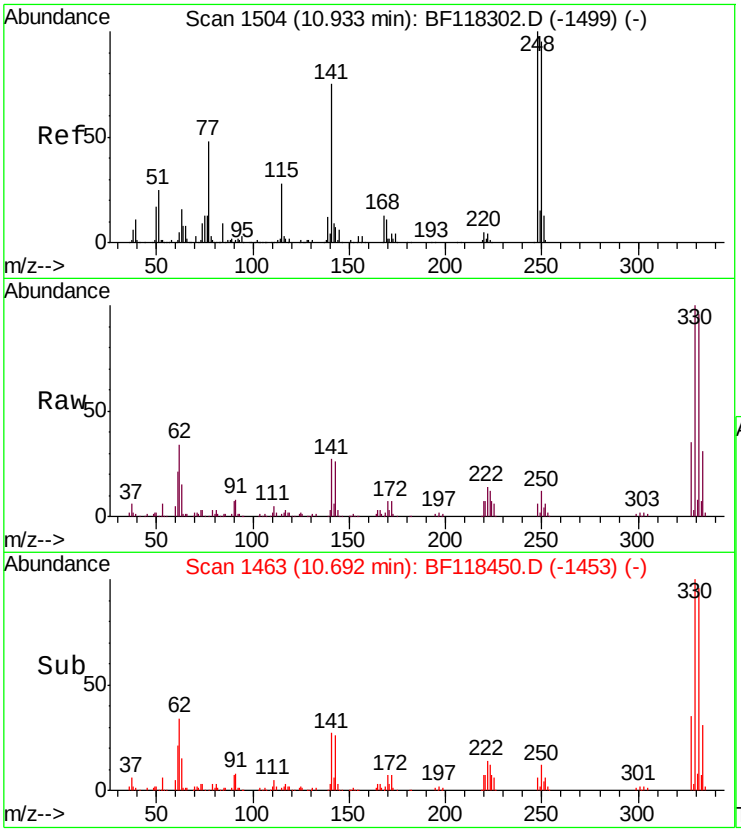


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Tgt Ion:188 Resp: 310538

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.7	10.1
80	8.9	7.2	10.8



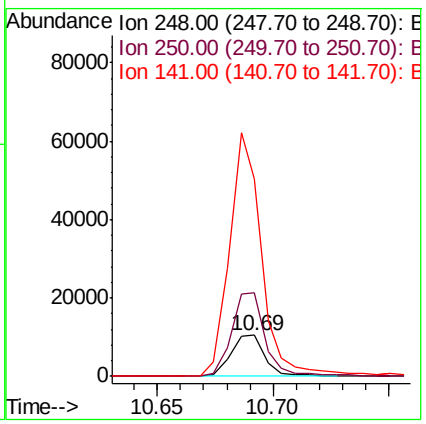


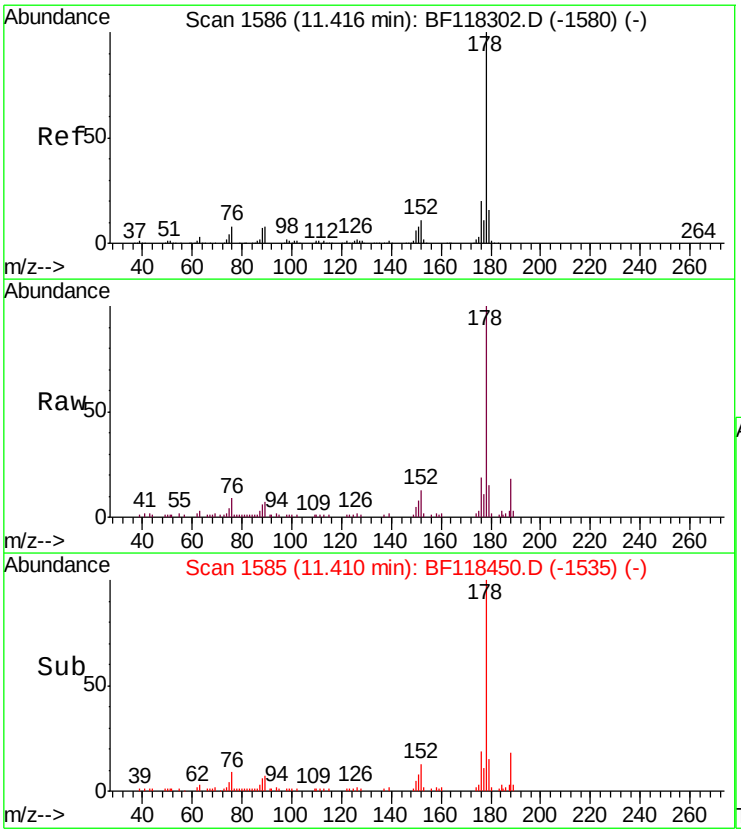
#67
4-Bromophenyl-phenylether
Concen: 2.985 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Instrument :
BNA_F
ClientSampleId :
SS-8

Tgt Ion:248 Resp: 10847

Ion	Ratio	Lower	Upper
248	100		
250	204.6	76.4	114.6#
141	483.8	60.2	90.2#

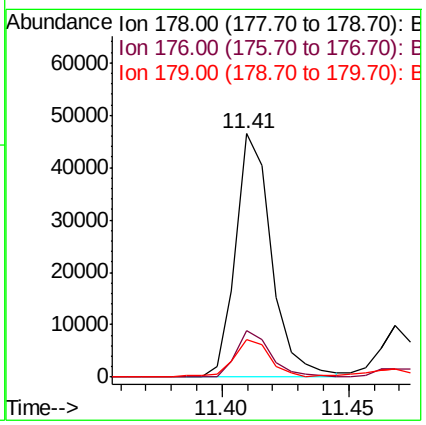


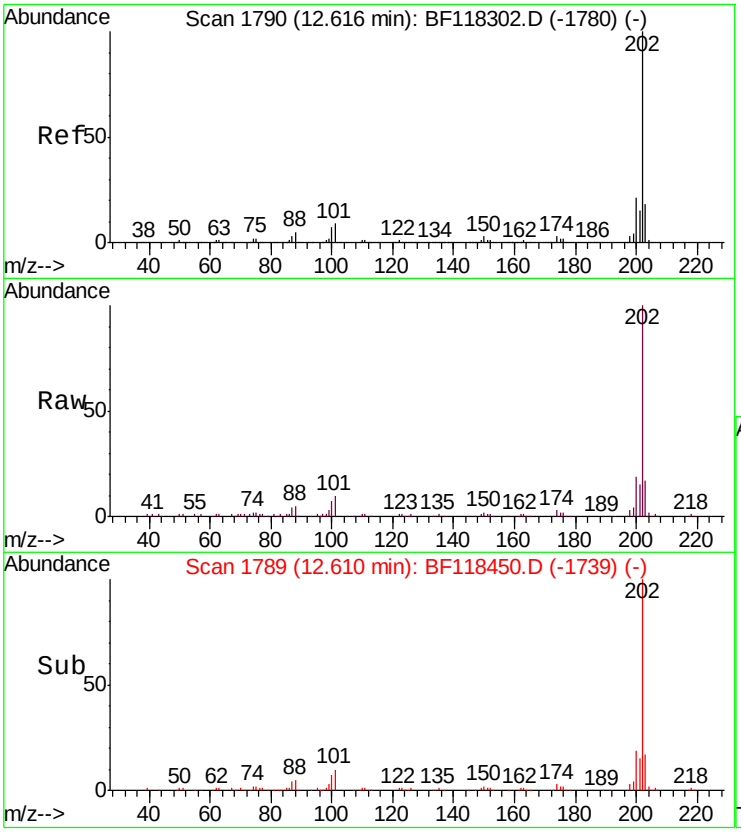


#71
Phenanthrene
Concen: 2.707 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Tgt Ion:178 Resp: 45827

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.2	12.6	19.0



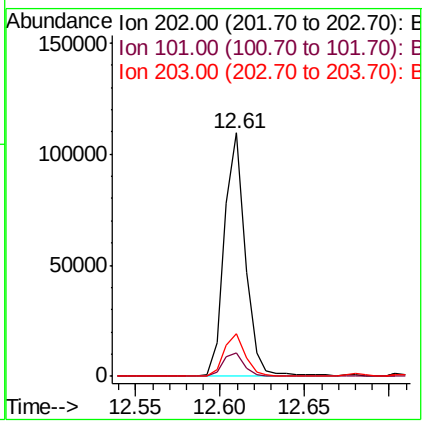


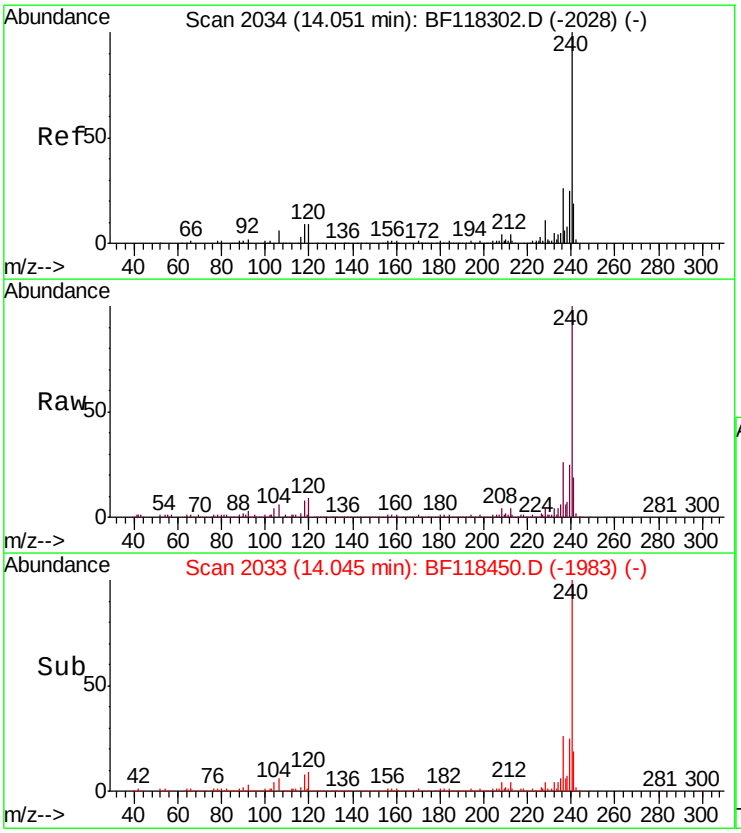
#75
Fluoranthene
Concen: 5.563 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Instrument :
BNA_F
ClientSampleId :
SS-8

Tgt Ion:202 Resp: 95042

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	29.5
203	17.4	0.0	37.6

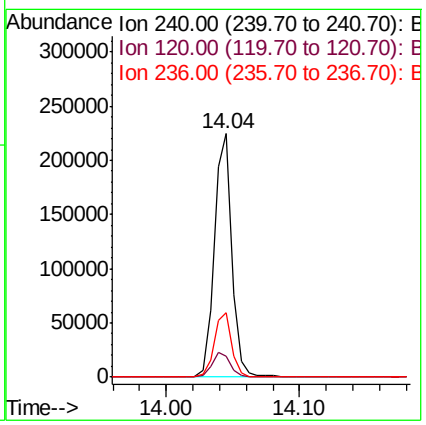


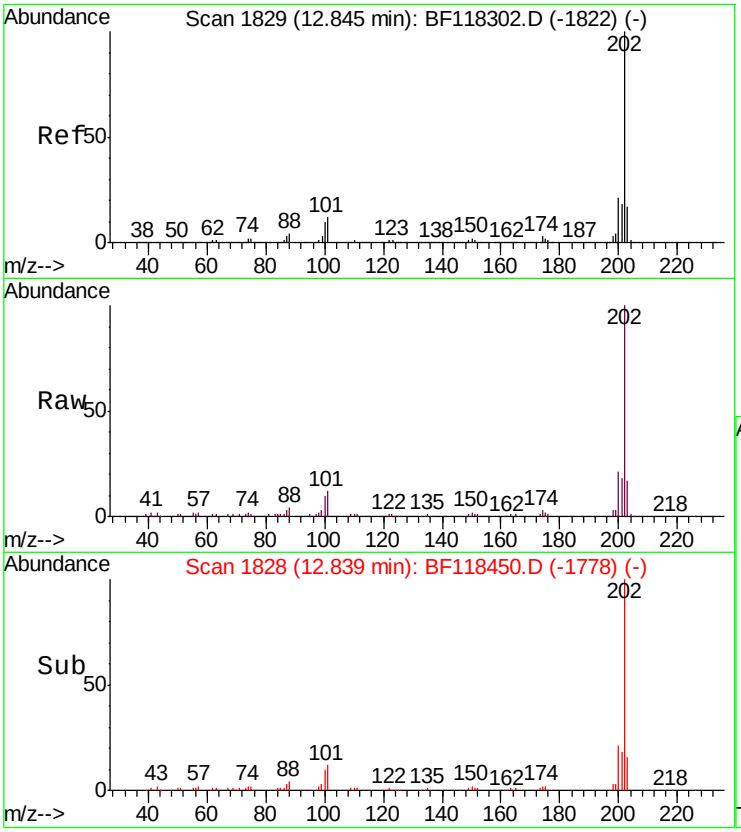


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Tgt Ion:240 Resp: 207809

Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.1	10.7
236	26.3	21.0	31.6



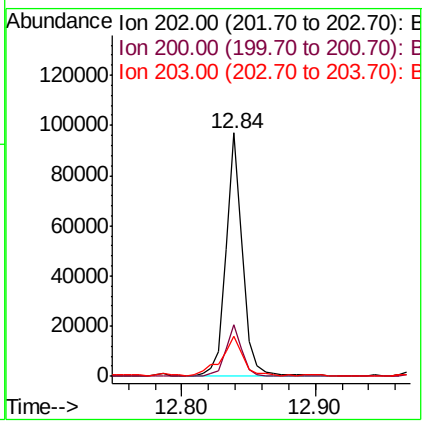


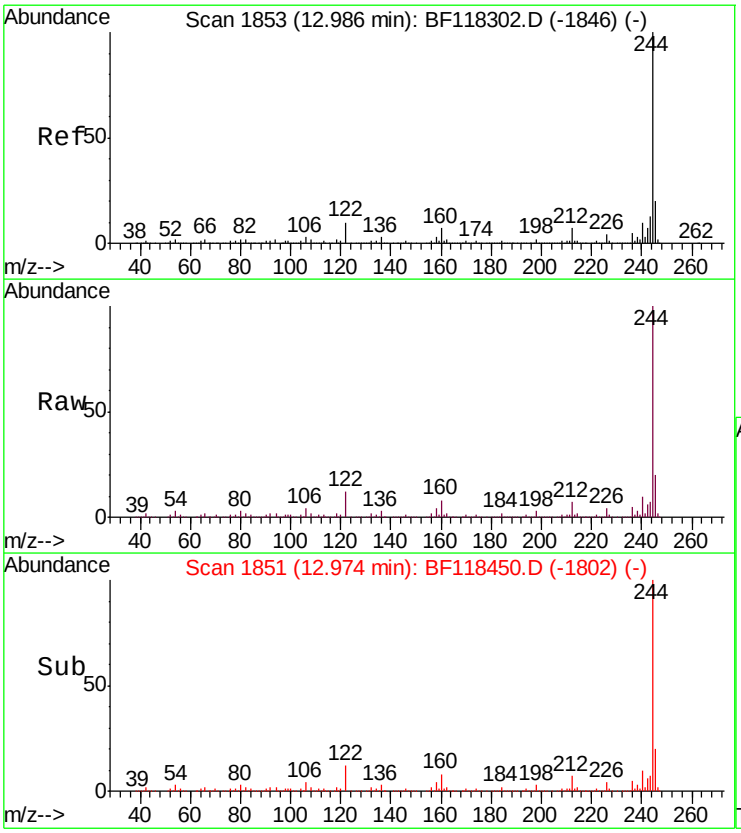
#78
Pyrene
Concen: 5.020 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Instrument :
BNA_F
ClientSampleId :
SS-8

Tgt Ion:202 Resp: 85183

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	16.7	13.9	20.9

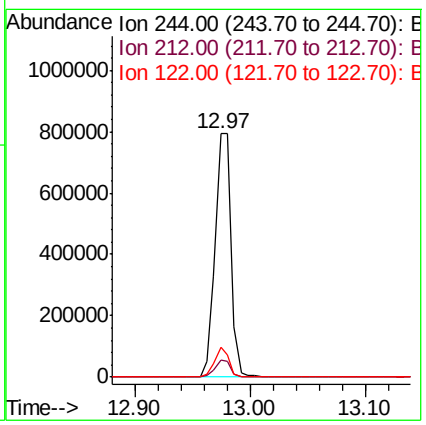


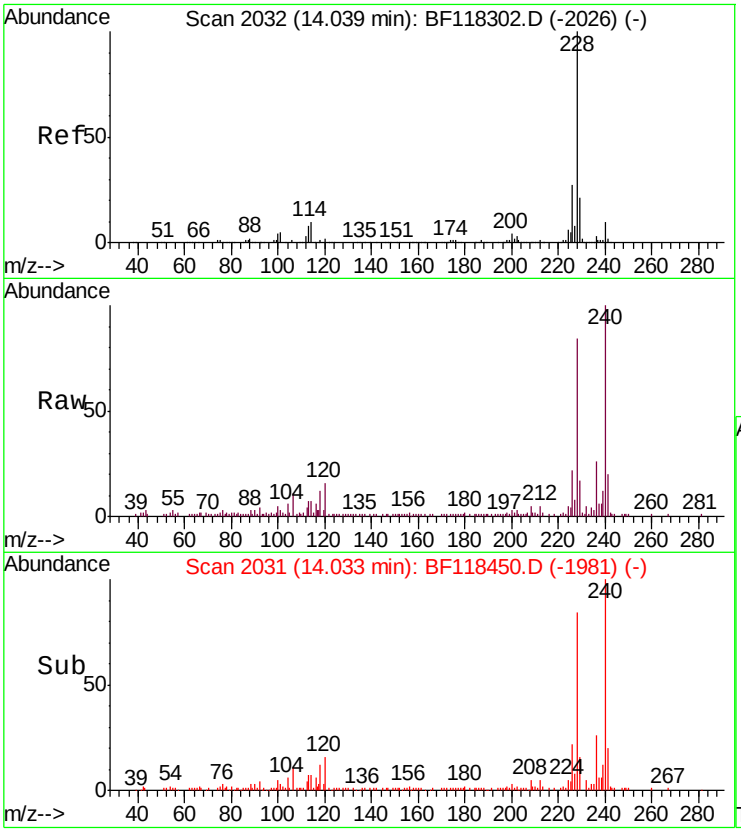


#79
Terphenyl-d14
Concen: 61.216 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Tgt Ion:244 Resp: 766794

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	12.3	7.8	11.8#



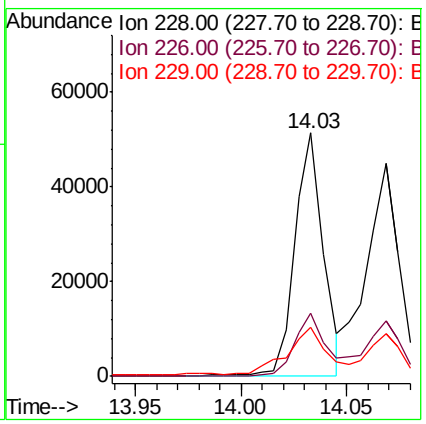


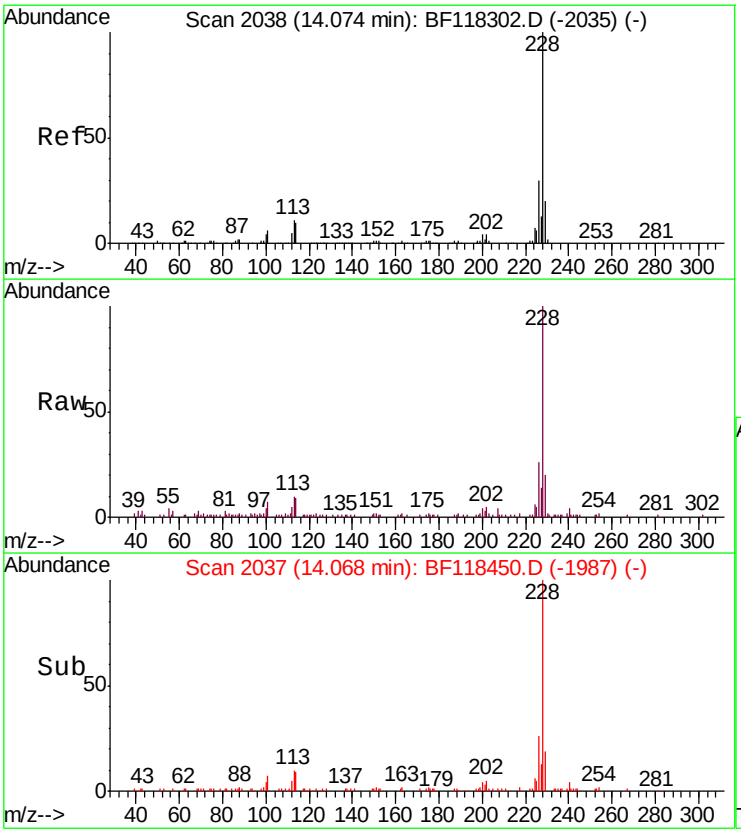
#81
Benzo(a)anthracene
Concen: 3.349 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Instrument :
BNA_F
ClientSampleId :
SS-8

Tgt Ion:228 Resp: 48710

Ion	Ratio	Lower	Upper
228	100		
226	25.9	22.0	33.0
229	20.0	16.6	24.8

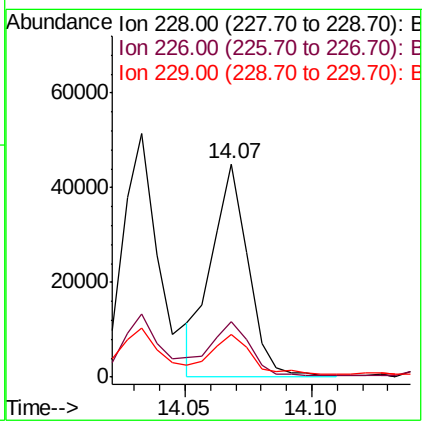


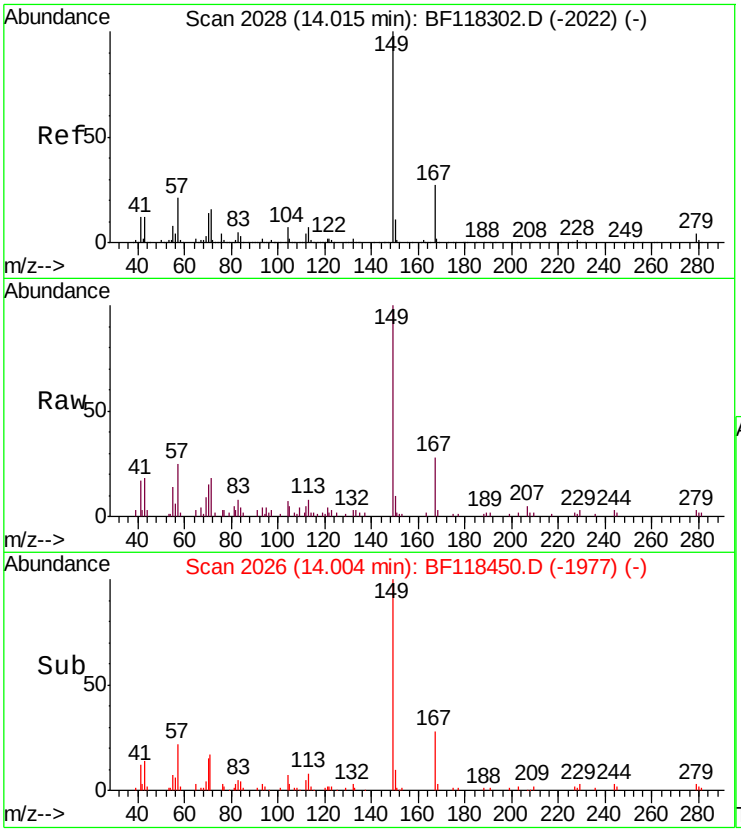


#83
Chrysene
Concen: 3.274 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Tgt Ion:228 Resp: 45607

Ion	Ratio	Lower	Upper
228	100		
226	26.2	23.9	35.9
229	20.1	16.1	24.1



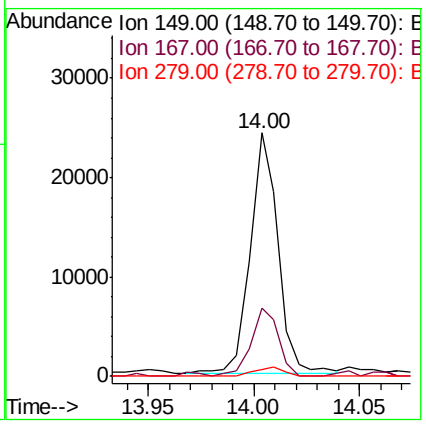


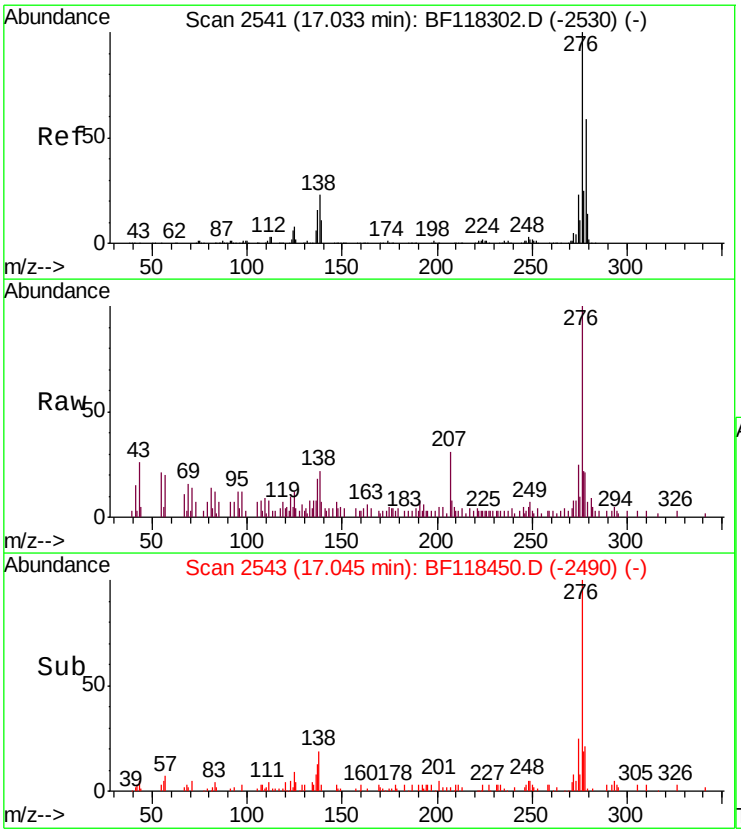
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.179 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Instrument :
BNA_F
ClientSampleId :
SS-8

Tgt Ion:149 Resp: 21894

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.3	31.9
279	2.8	3.4	5.2#

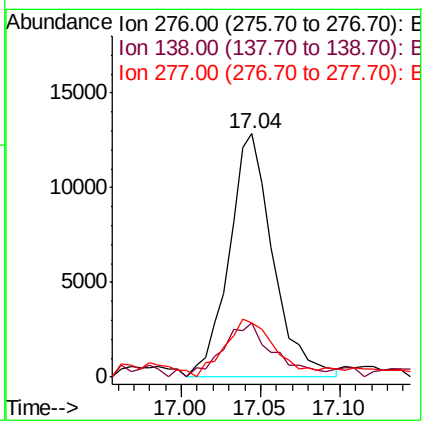


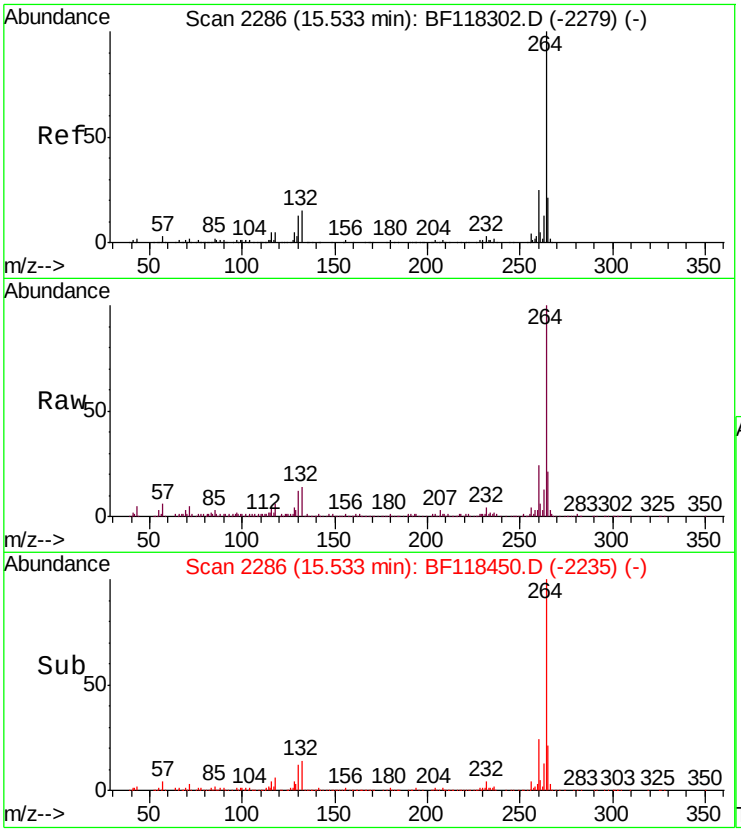


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.081 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.01 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Tgt Ion:276 Resp: 24692

Ion	Ratio	Lower	Upper
276	100		
138	26.4	19.5	29.3
277	27.3	20.6	30.8



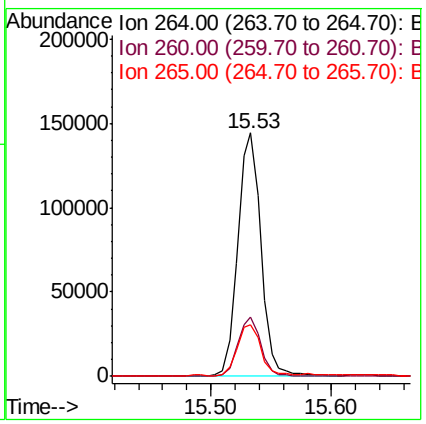


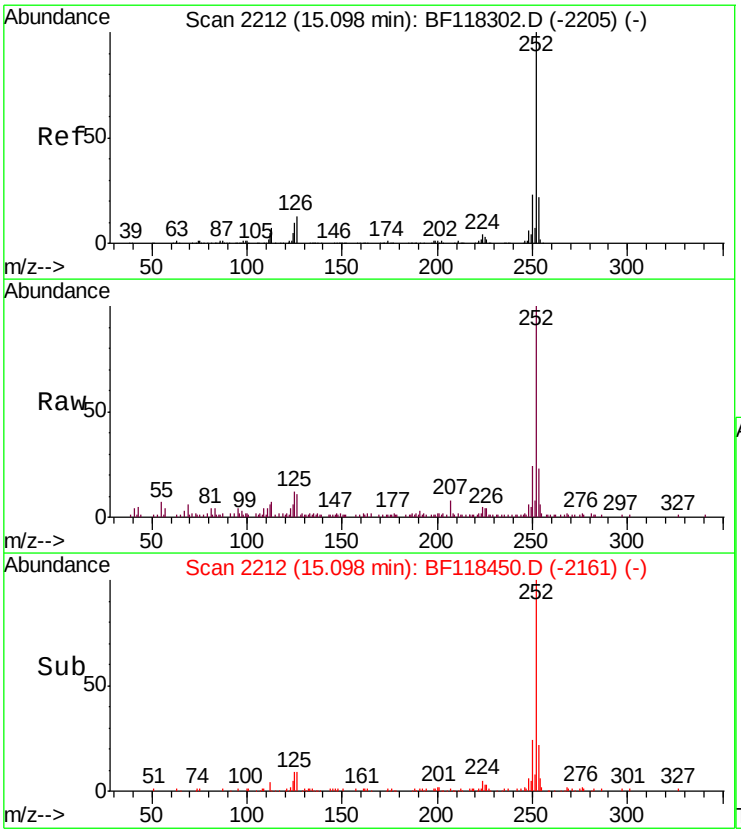
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Instrument :
BNA_F
ClientSampleId :
SS-8

Tgt Ion:264 Resp: 193501

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.6
265	21.0	17.0	25.4

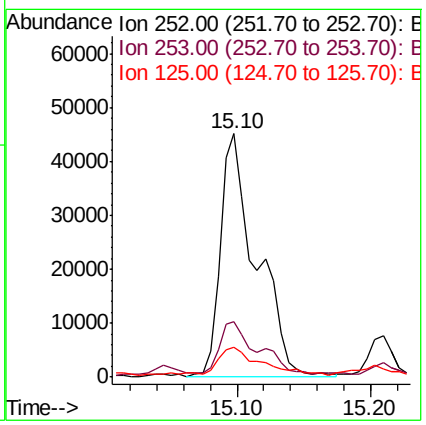


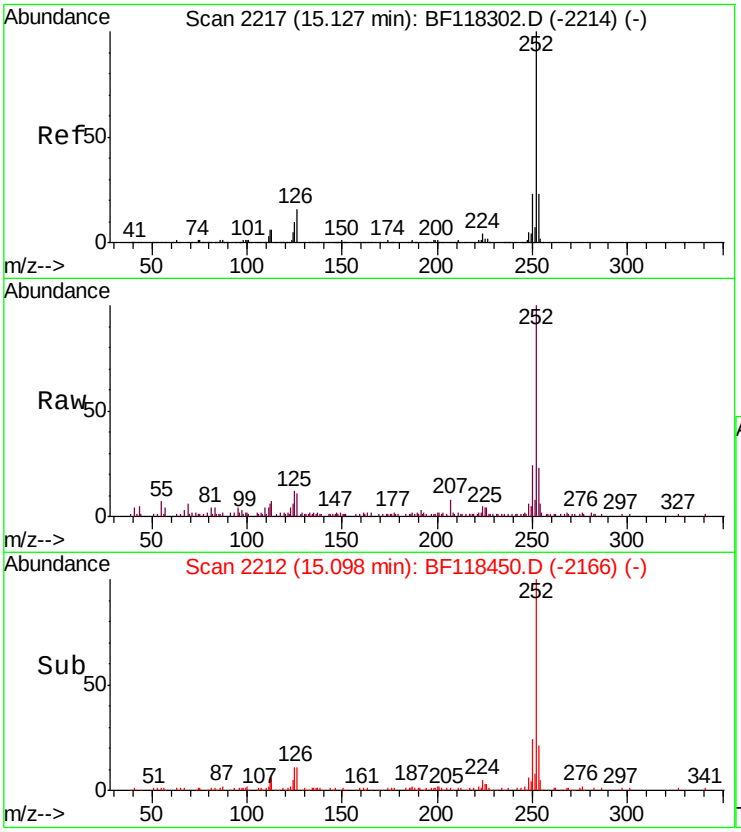


#88
Benzo(b)fluoranthene
Concen: 6.623 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Tgt Ion:252 Resp: 85071

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	12.2	7.7	11.5#



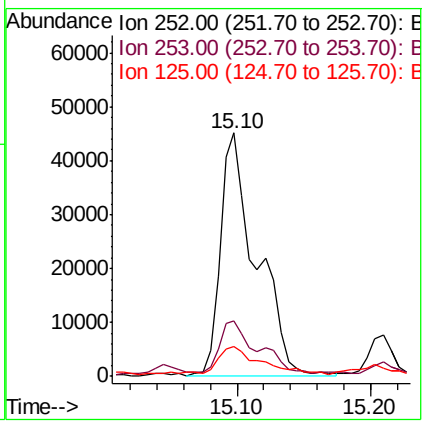


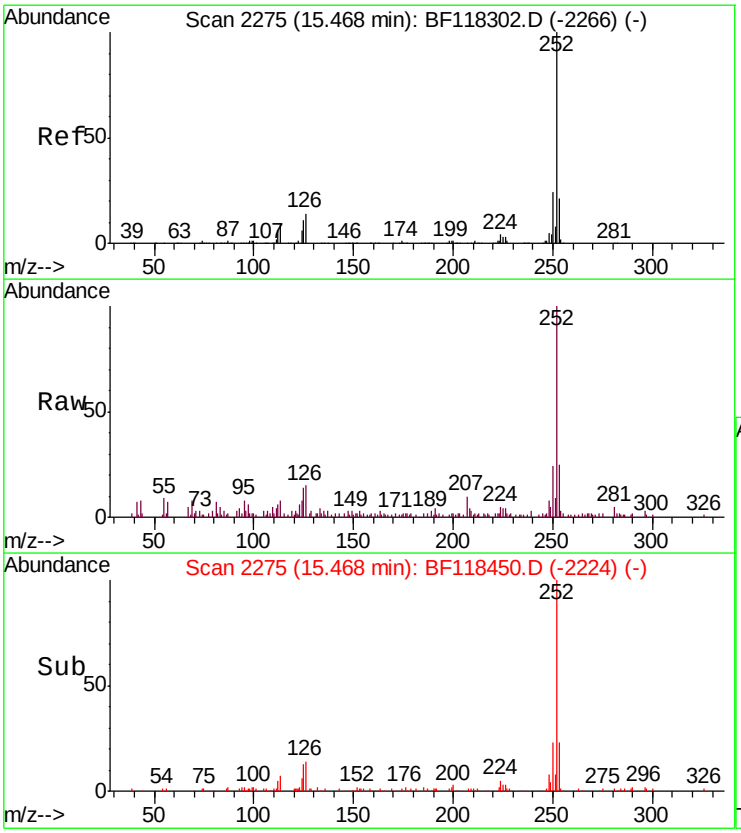
#89
Benzo(k)fluoranthene
Concen: 6.898 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.03 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Instrument :
BNA_F
ClientSampleId :
SS-8

Tgt Ion:252 Resp: 85071

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	12.2	8.0	12.0#

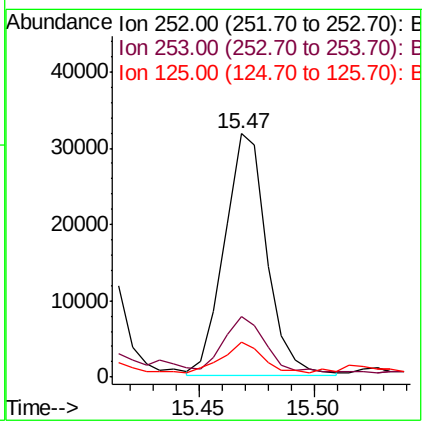


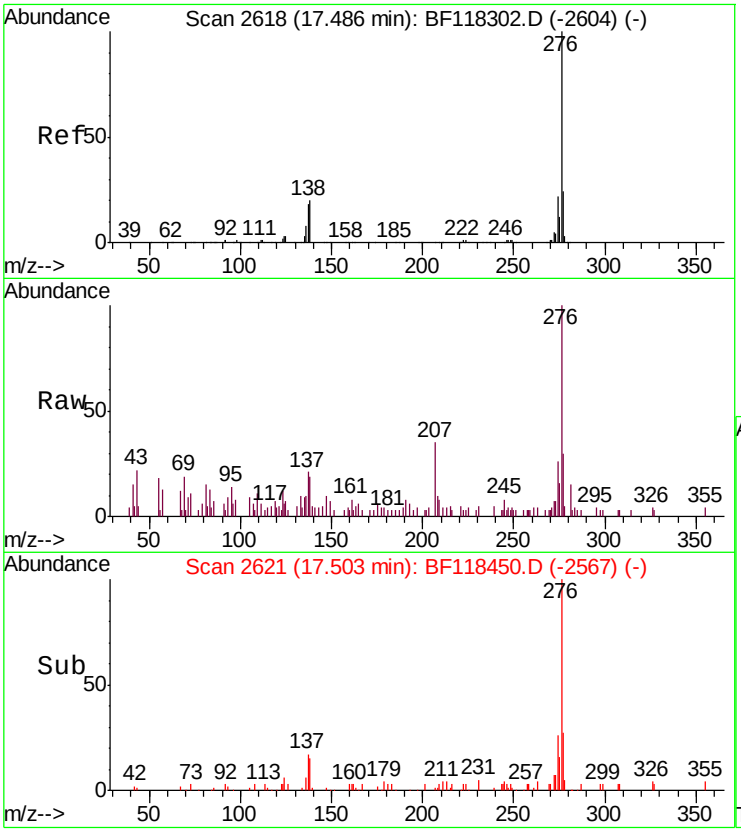


#90
Benzo(a)pyrene
Concen: 3.584 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Tgt Ion:252 Resp: 40556

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.0	25.6
125	14.4	9.0	13.4#





#92
Benzo(g,h,i)perylene
Concen: 2.597 ng
RT: 17.50 min Scan# 2621
Delta R.T. 0.02 min
Lab File: BF118450.D
Acq: 2 Jan 2020 22:06

Instrument :
BNA_F
ClientSampleId :
SS-8

Tgt Ion:276 Resp: 24630

Ion	Ratio	Lower	Upper
276	100		
277	30.0	19.1	28.7#
138	19.2	16.1	24.1