Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
Data File : BF118547.D
Acq On : 13 Jan 2020 22:58
Operator : JU
Sample : L1103-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 14 10:29:35 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	111620	20.00	ng		-0.02
21) Naphthalene-d8	8.10	136	486853	20.00	ng		-0.02
39) Acenaphthene-d10	9.86	164	246874	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	400562	20.00	ng		-0.02
76) Chrysene-d12	14.01	240	325814	20.00	ng		-0.03
87) Perylene-d12	15.49	264	271574	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	367222	54.31	ng		-0.01
7) Phenol-d6	6.46	99	475331	58.80	ng		-0.02
23) Nitrobenzene-d5	7.38	82	249582	26.93	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	137024	47.04	ng		-0.02
45) 2-Fluorobiphenyl	9.17	172	549827	31.94	ng		-0.03
79) Terphenyl-d14	12.94	244	579736	28.20	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.38	70	32504	6.243	ng	#	71
25) Isophorone	7.38	82	249579	16.810	ng	#	63
31) Naphthalene	8.12	128	149817	5.883	ng		98
32) Benzoic acid	8.10	122	223	6.528	ng	#	1
49) Acenaphthylene	9.72	152	115046	4.841	ng		98
50) Dimethylphthalate	9.57	163	60721	3.205	ng		100
51) 2,6-Dinitrotoluene	9.86	165	31811	7.796	ng	#	24
71) Phenanthrene	11.38	178	278735	12.422	ng		99
72) Anthracene	11.43	178	75587	3.386	ng		99
75) Fluoranthene	12.57	202	468783	20.554	ng		98
77) Benzidine	12.69	184	384	Below Cal		#	1
78) Pyrene	12.80	202	731171	27.276	ng		99
81) Benzo(a)anthracene	14.03	228	375522	16.466	ng		92
83) Chrysene	14.03	228	375522	16.945	ng		96
86) Indeno(1,2,3-cd)pyrene	16.99	276	213339	11.957	ng		97
88) Benzo(b)fluoranthene	15.06	252	566331	28.844	ng	#	96
89) Benzo(k)fluoranthene	15.06	252	566331	30.218	ng	#	95
90) Benzo(a)pyrene	15.43	252	293325	18.230	ng		100
91) Dibenzo(a,h)anthracene	16.98	278	48470	3.213	ng	#	77
92) Benzo(g,h,i)perylene	17.44	276	249270	17.437	ng		98

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

Quantitation Report (Not Reviewed)

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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
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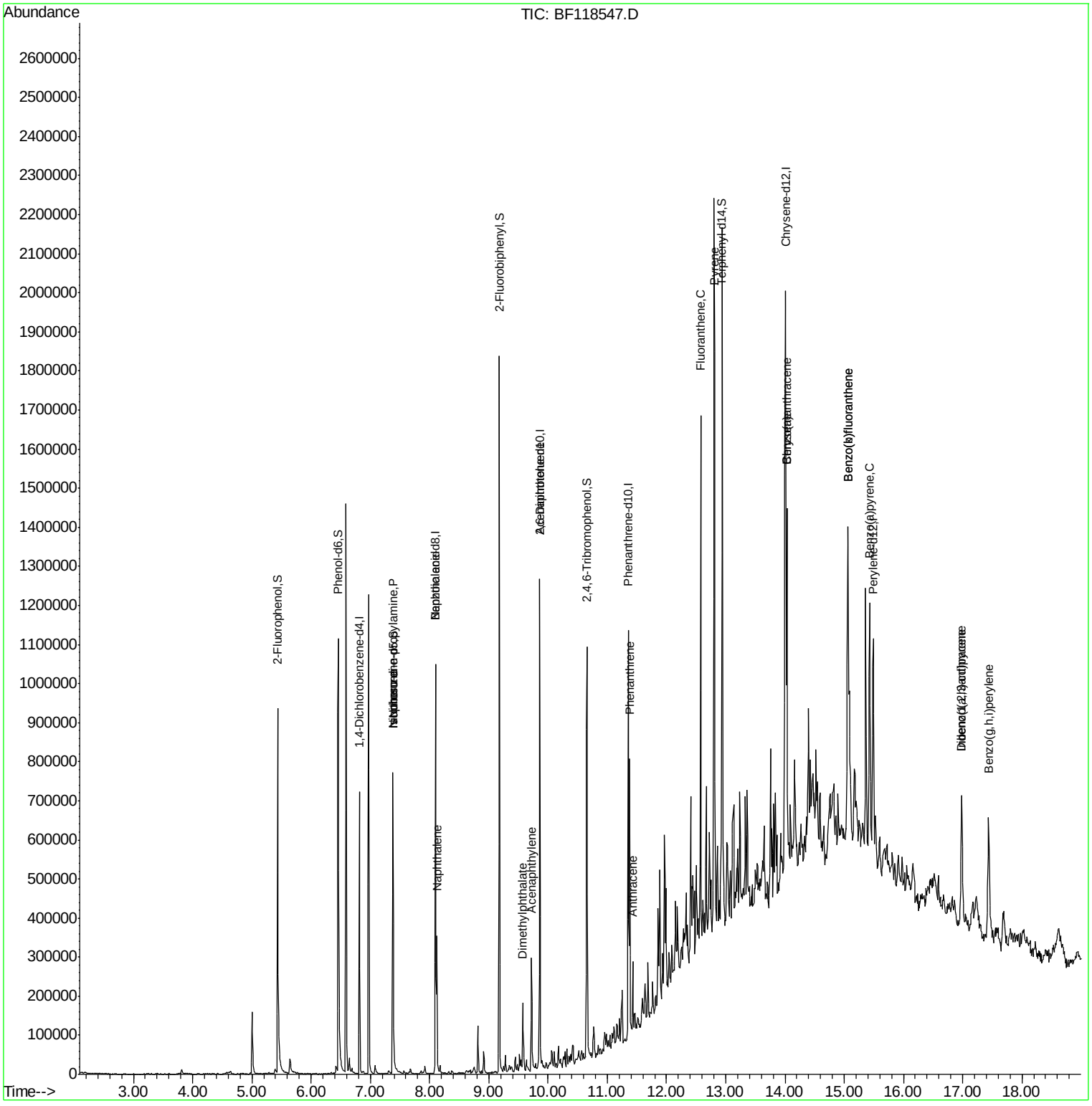
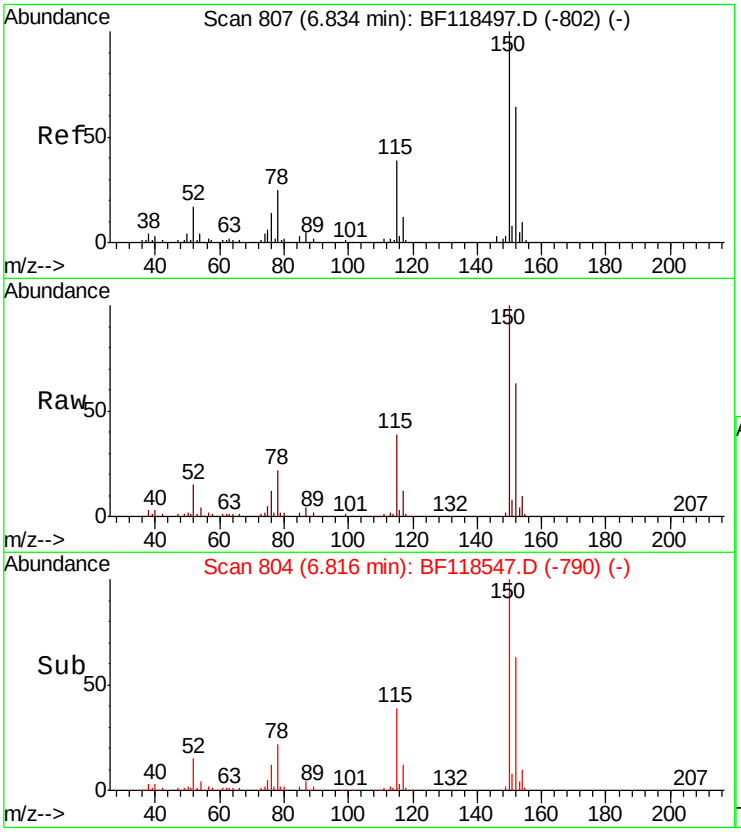


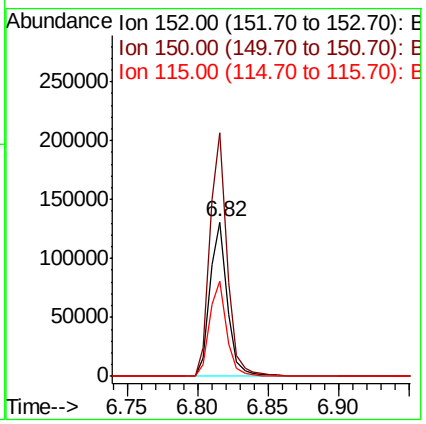


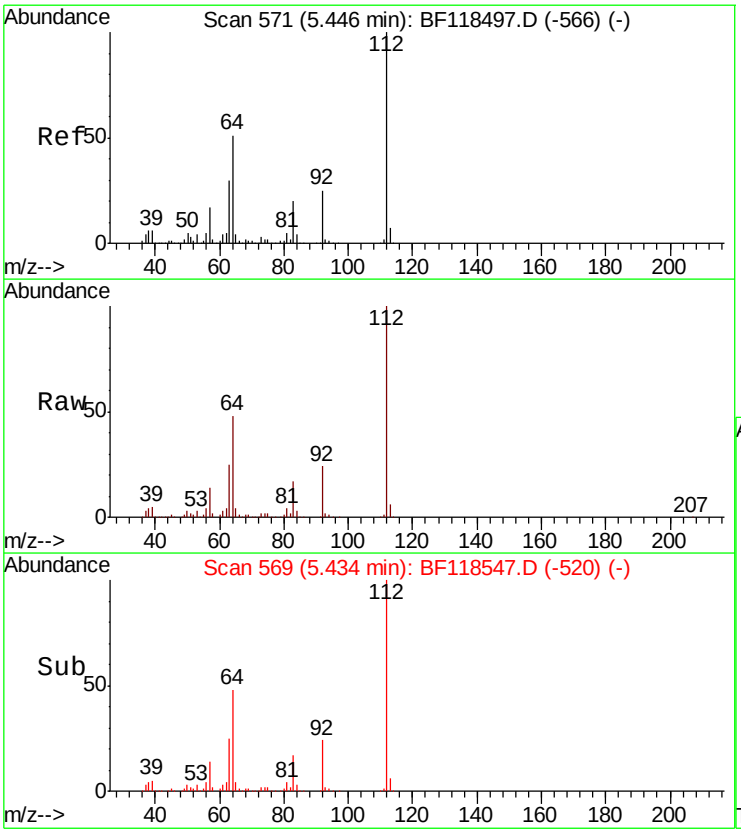
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF118547.D
Acq: 13 Jan 2020 22:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 111620

Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.7	187.1
115	61.3	49.0	73.6

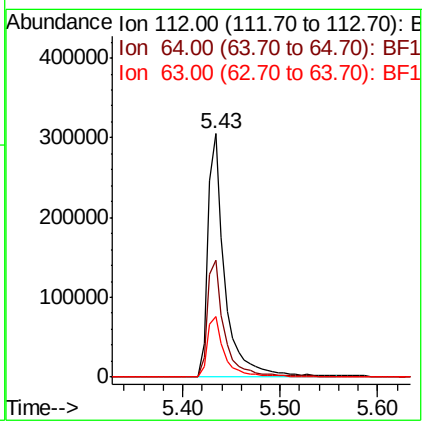


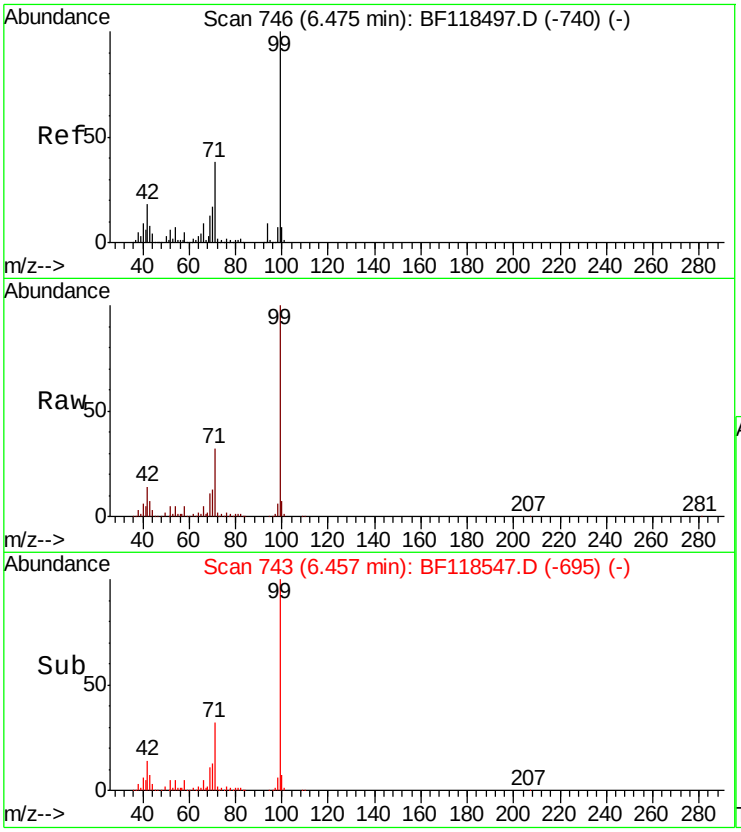


#5
2-Fluorophenol
Concen: 54.308 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF118547.D
Acq: 13 Jan 2020 22:58

Tgt Ion:112 Resp: 367222

Ion	Ratio	Lower	Upper
112	100		
64	48.1	41.1	61.7
63	25.1	24.1	36.1



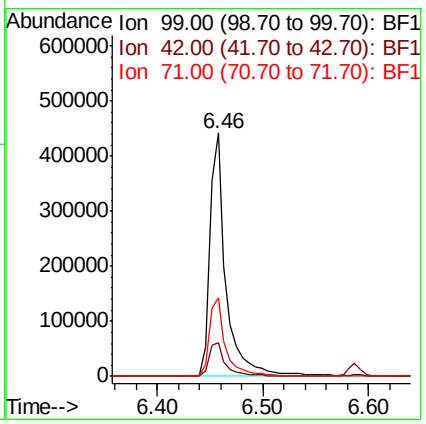


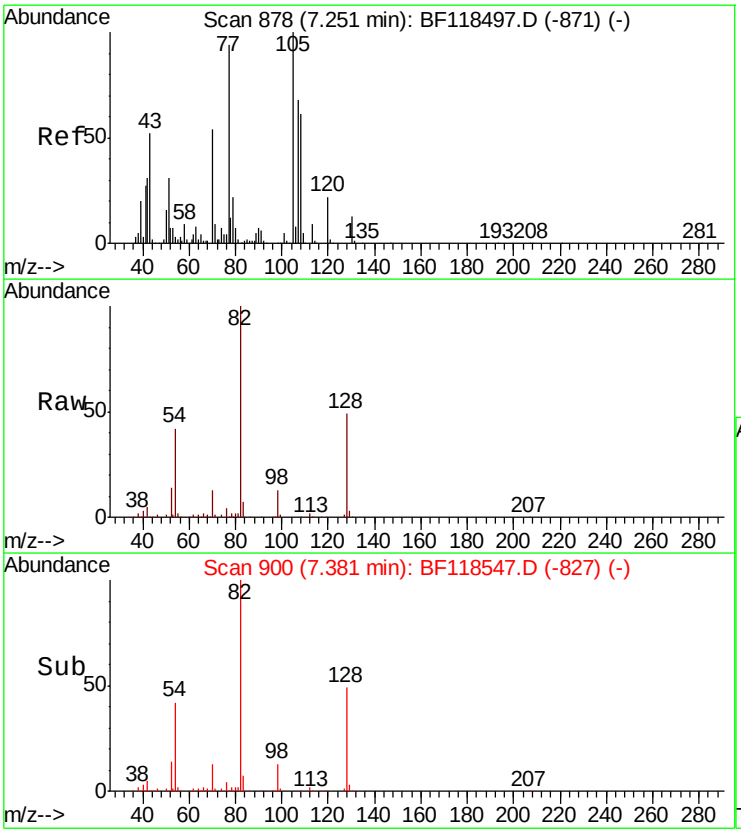
#7
Phenol-d6
Concen: 58.798 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.02 min
Lab File: BF118547.D
Acq: 13 Jan 2020 22:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 475331

Ion	Ratio	Lower	Upper
99	100		
42	13.7	14.5	21.7#
71	32.5	30.6	45.8

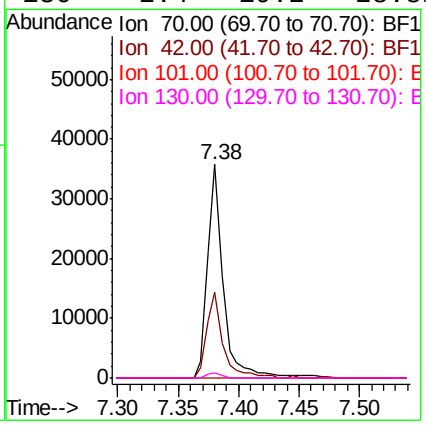


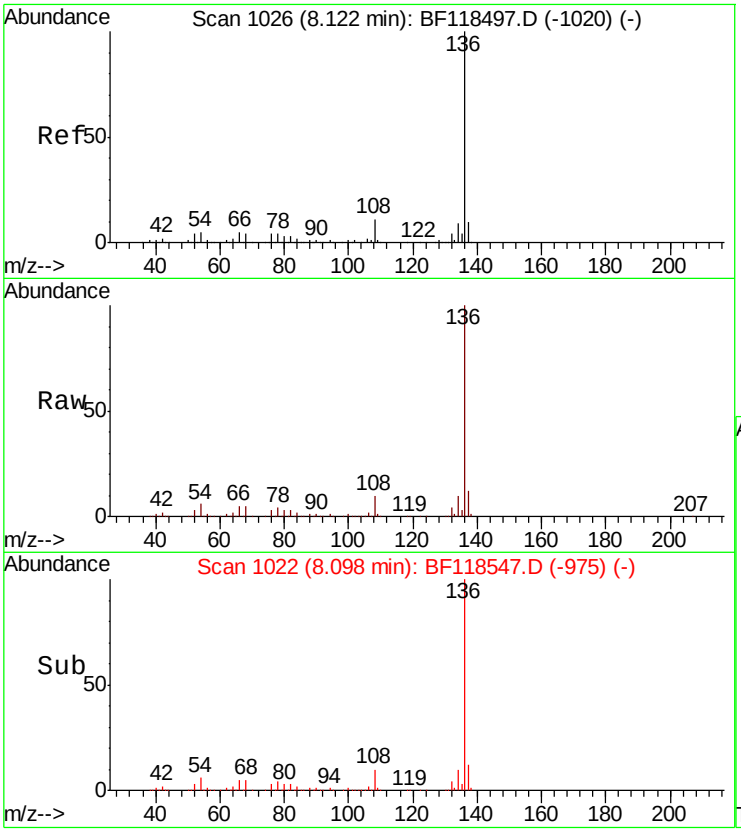


#19
n-Nitroso-di-n-propylamine
Concen: 6.243 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.13 min
Lab File: BF118547.D
Acq: 13 Jan 2020 22:58

Tgt Ion: 70 Resp: 32504

Ion	Ratio	Lower	Upper
70	100		
42	40.1	45.6	68.4#
101	0.0	8.2	12.2#
130	2.4	19.2	28.8#



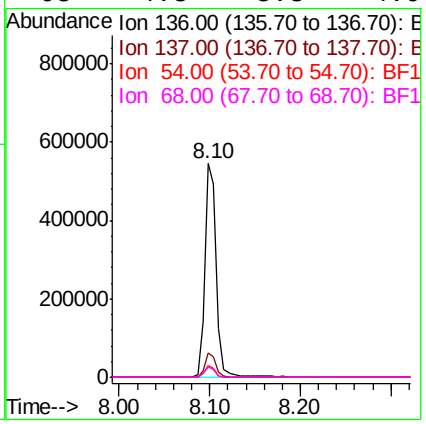


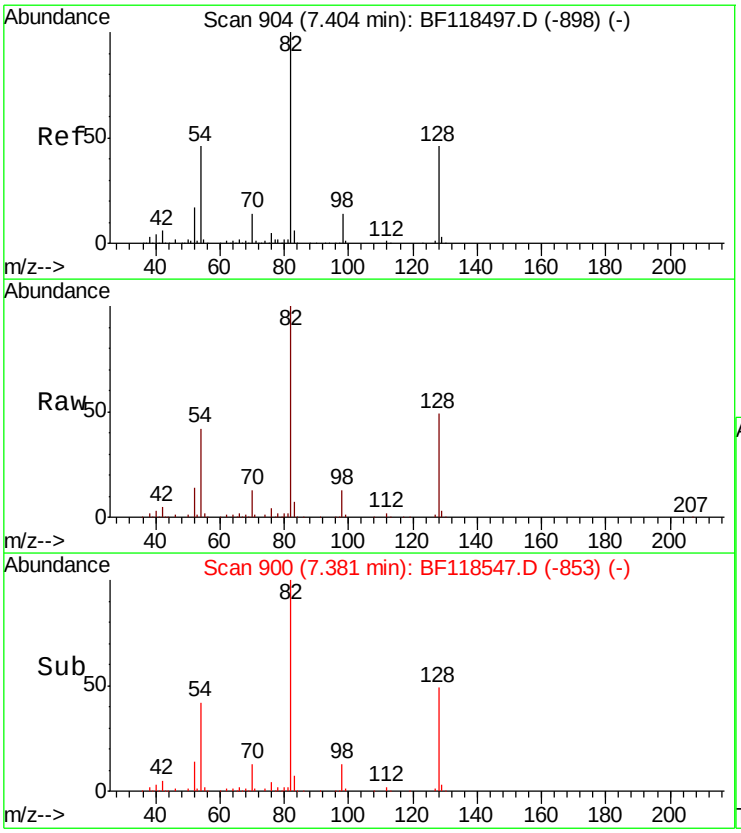
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.02 min
Lab File: BF118547.D
Acq: 13 Jan 2020 22:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 486853

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.3	12.5
54	5.7	4.2	6.2
68	4.8	3.3	4.9

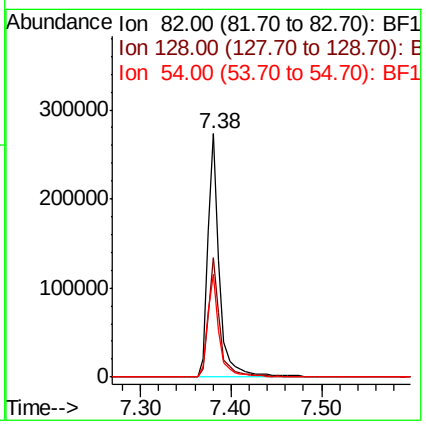


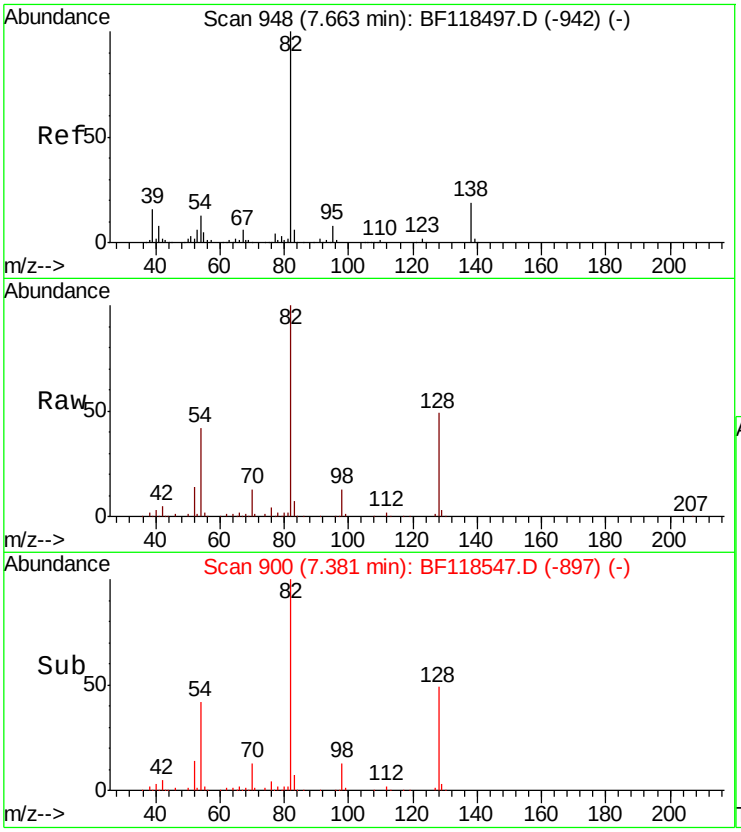


#23
Nitrobenzene-d5
Concen: 26.930 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.02 min
Lab File: BF118547.D
Acq: 13 Jan 2020 22:58

Tgt Ion: 82 Resp: 249582

Ion	Ratio	Lower	Upper
82	100		
128	49.3	36.6	54.8
54	42.2	37.0	55.6



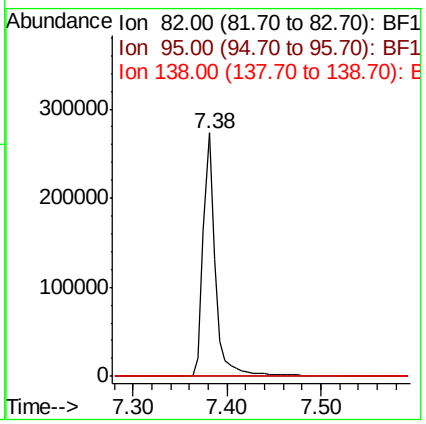


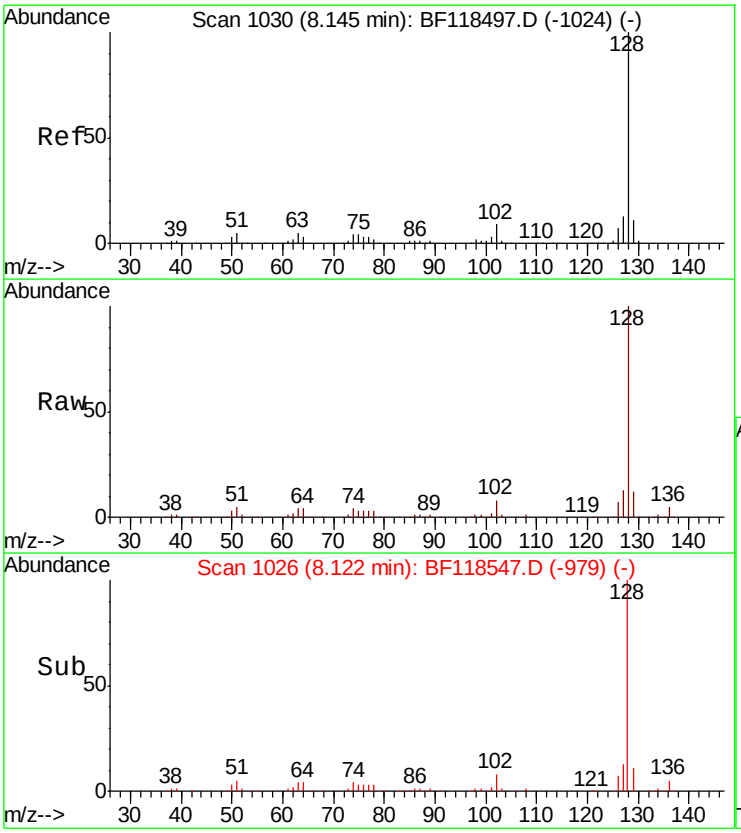
#25
Isophorone
Concen: 16.810 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.28 min
Lab File: BF118547.D
Acq: 13 Jan 2020 22:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 249579

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

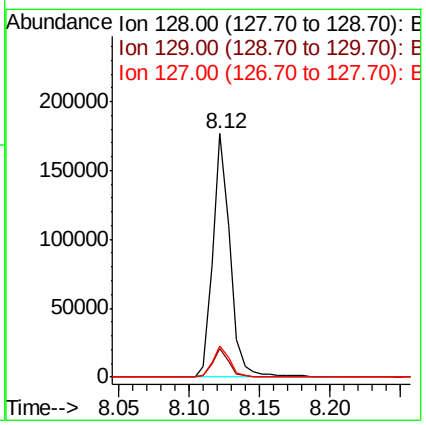


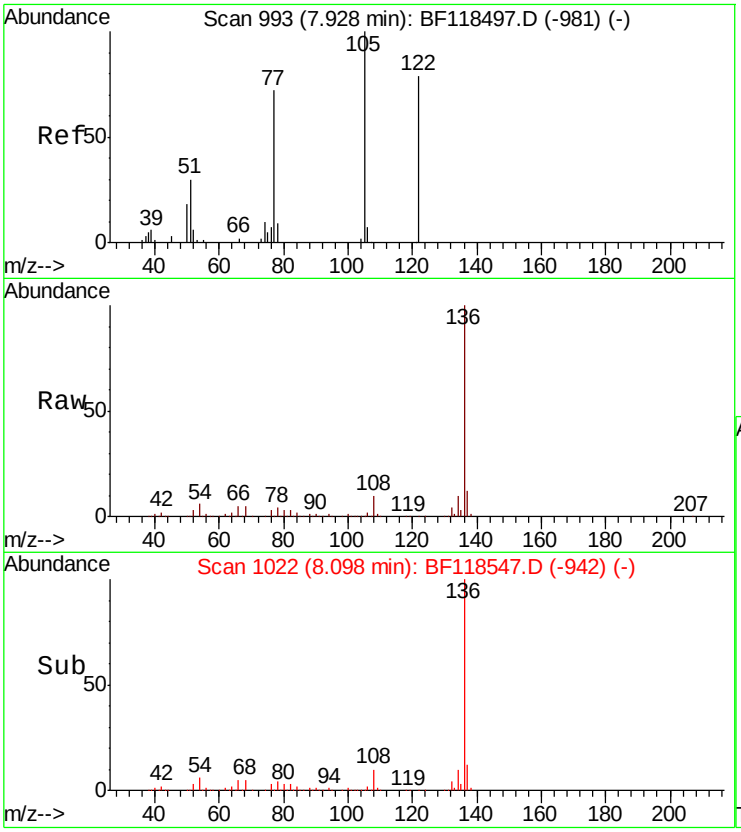


#31
Naphthalene
Concen: 5.883 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF118547.D
Acq: 13 Jan 2020 22:58

Tgt Ion:128 Resp: 149817

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	13.0	10.7	16.1



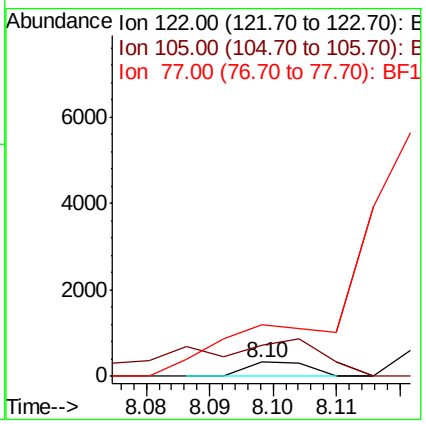


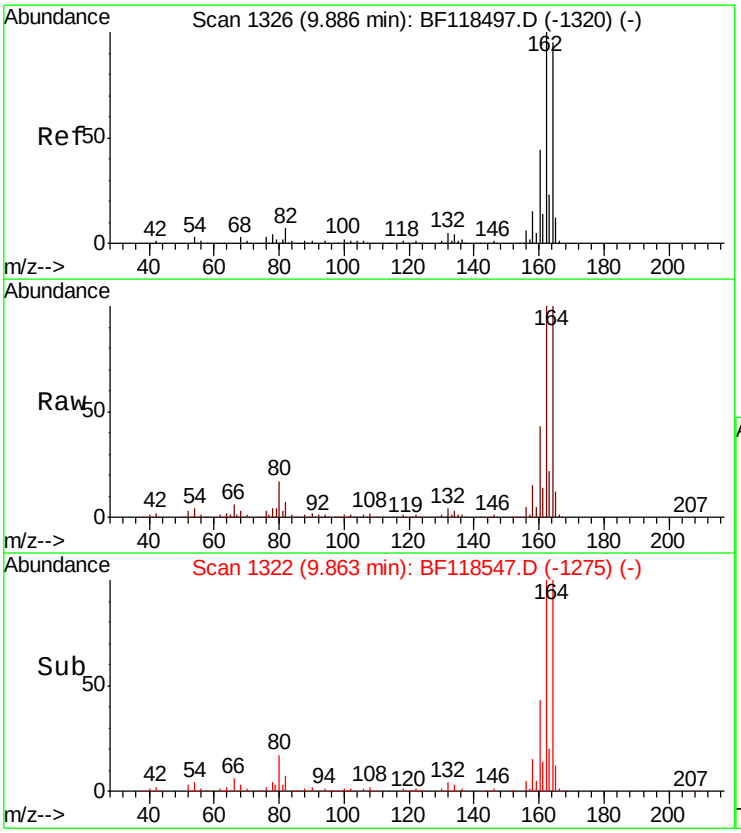
#32
Benzoic acid
Concen: 6.528 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.17 min
Lab File: BF118547.D
Acq: 13 Jan 2020 22:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 223

Ion	Ratio	Lower	Upper
122	100		
105	222.8	105.7	145.7#
77	368.8	71.0	111.0#

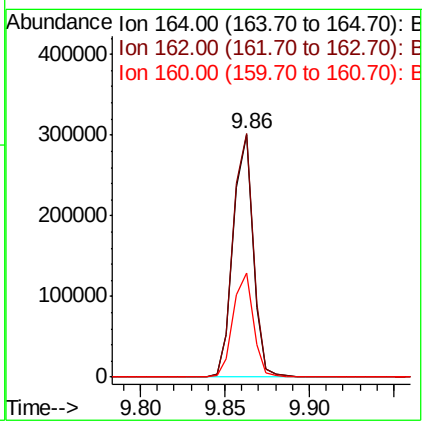


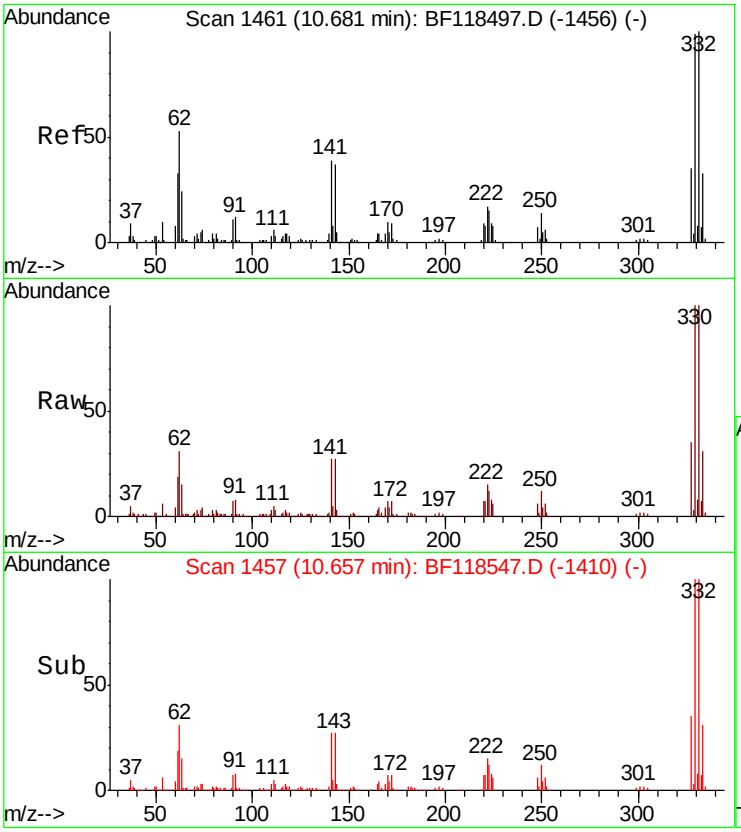


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF118547.D
Acq: 13 Jan 2020 22:58

Tgt Ion:164 Resp: 246874

Ion	Ratio	Lower	Upper
164	100		
162	100.3	84.2	126.4
160	43.1	36.8	55.2



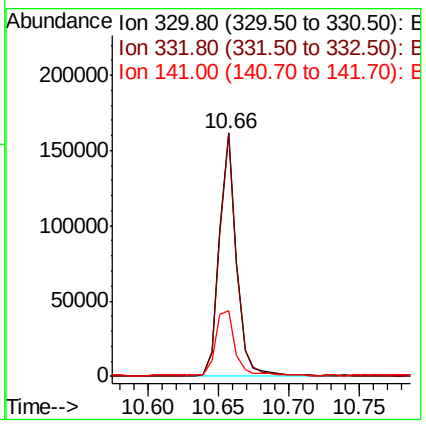


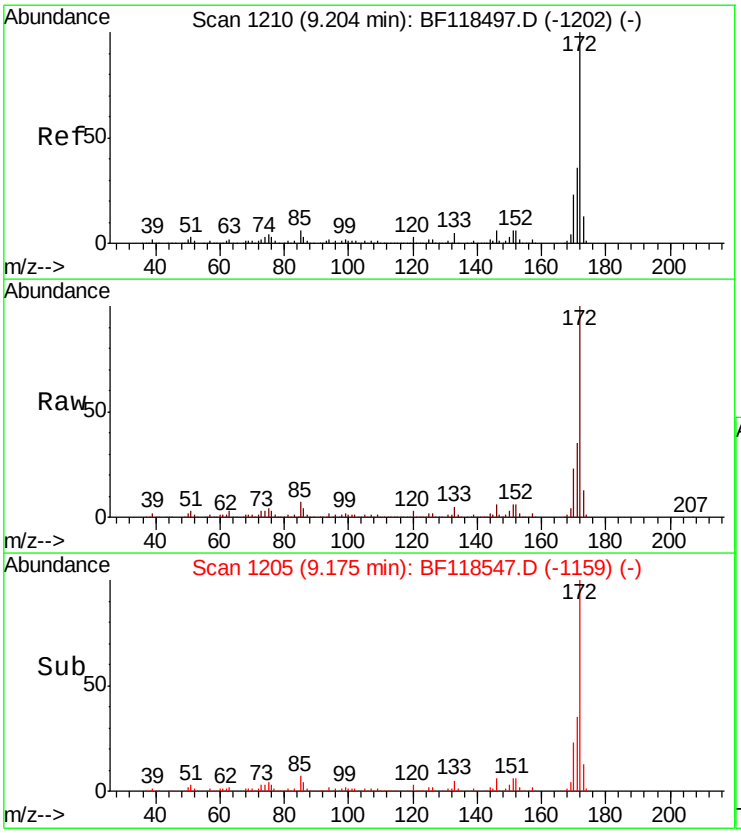
#42
2,4,6-Tribromophenol
Concen: 47.038 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF118547.D
Acq: 13 Jan 2020 22:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 137024

Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.9	116.9
141	31.5	28.6	43.0

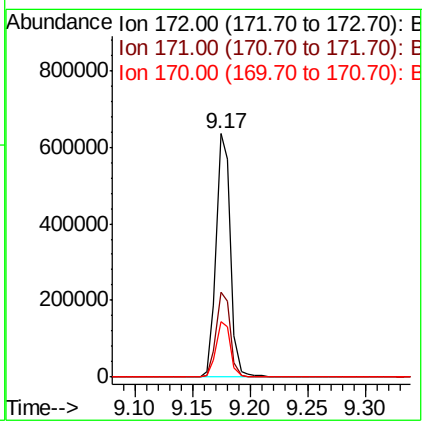


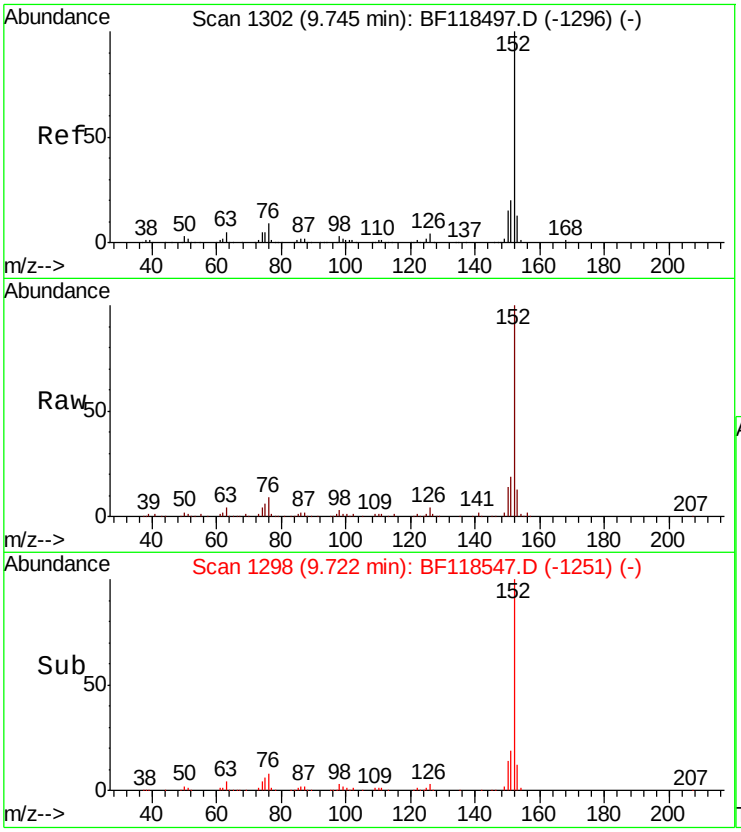


#45
2-Fluorobiphenyl
Concen: 31.942 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF118547.D
Acq: 13 Jan 2020 22:58

Tgt Ion:172 Resp: 549827

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	22.7	18.6	27.8



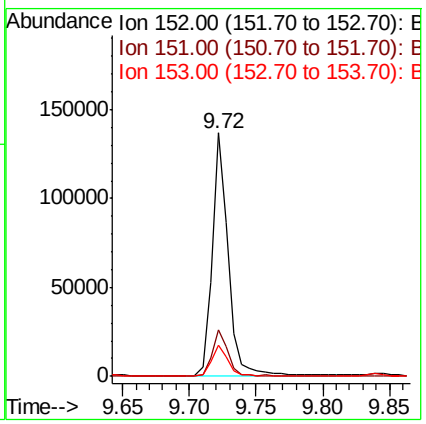


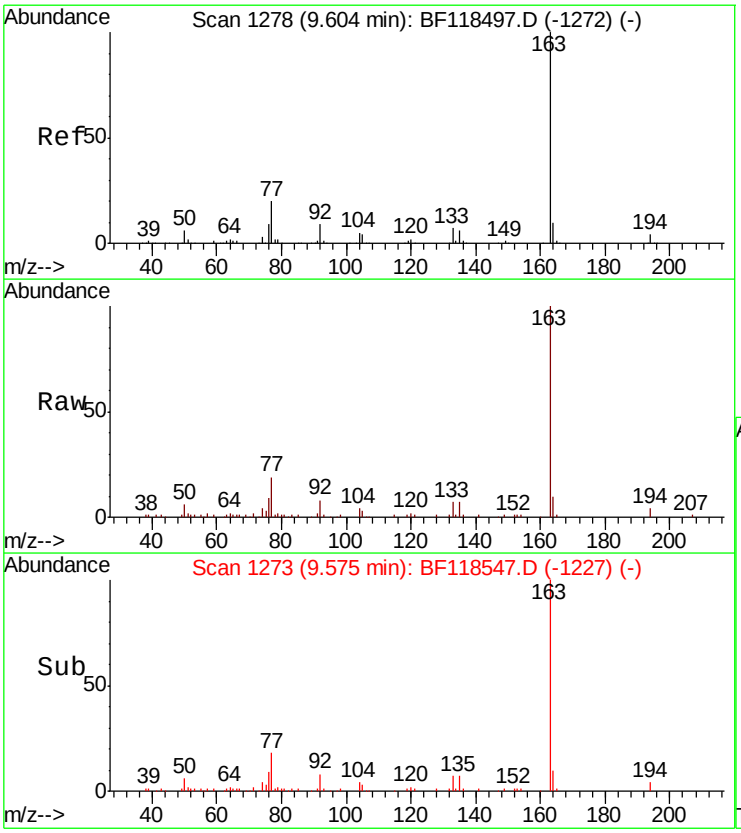
#49
Acenaphthylene
Concen: 4.841 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF118547.D
Acq: 13 Jan 2020 22:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 115046

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.3	24.5
153	12.9	10.6	16.0

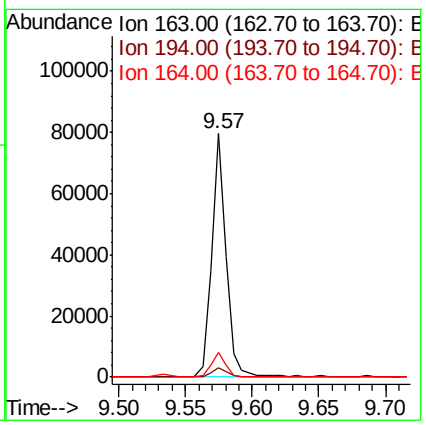


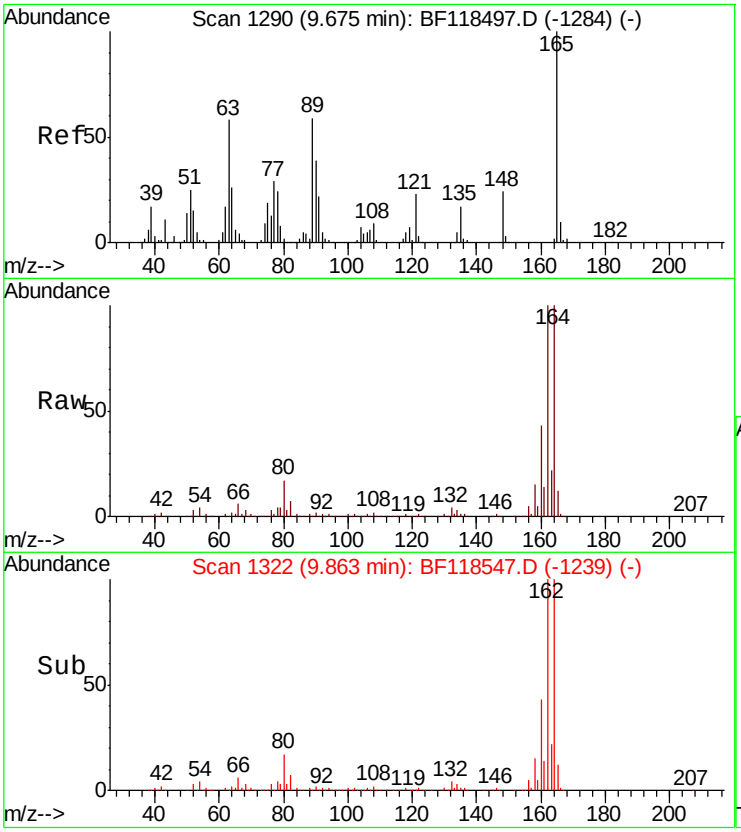


#50
Dimethylphthalate
Concen: 3.205 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BF118547.D
Acq: 13 Jan 2020 22:58

Tgt Ion:163 Resp: 60721

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.2	8.1	12.1



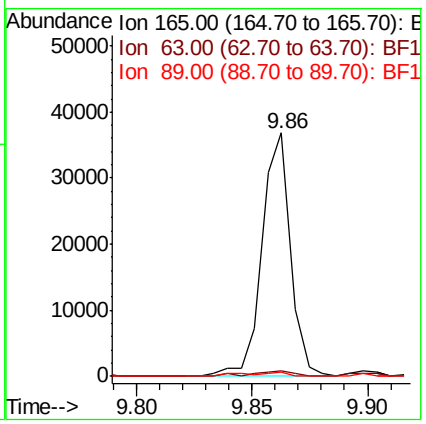


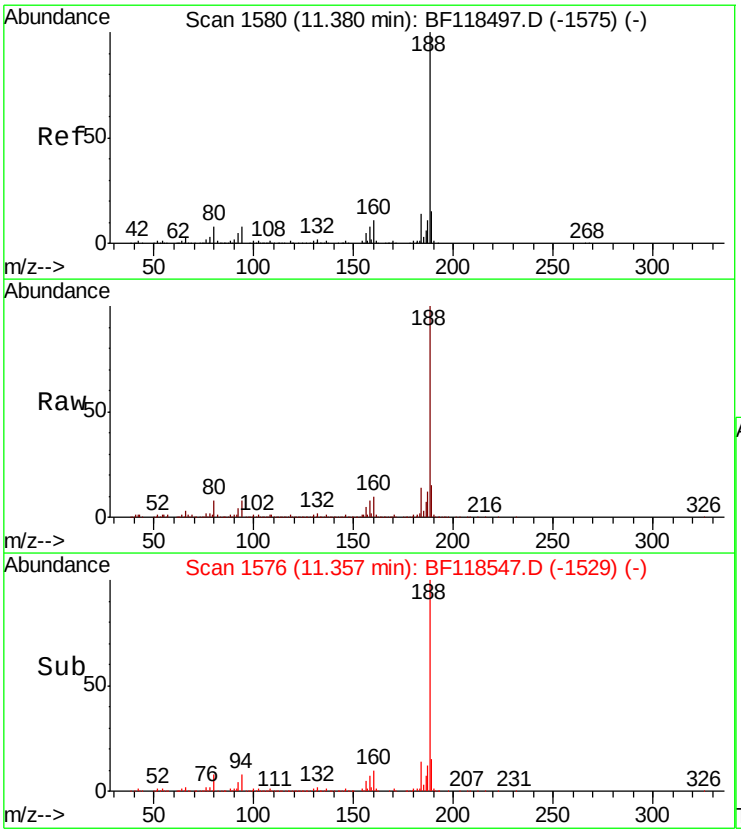
#51
2,6-Dinitrotoluene
Concen: 7.796 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.19 min
Lab File: BF118547.D
Acq: 13 Jan 2020 22:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 31811

Ion	Ratio	Lower	Upper
165	100		
63	2.3	46.6	70.0#
89	1.7	47.5	71.3#

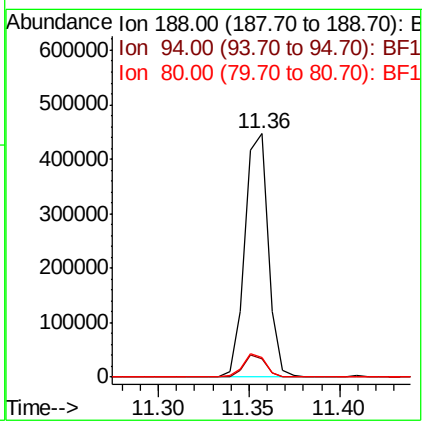


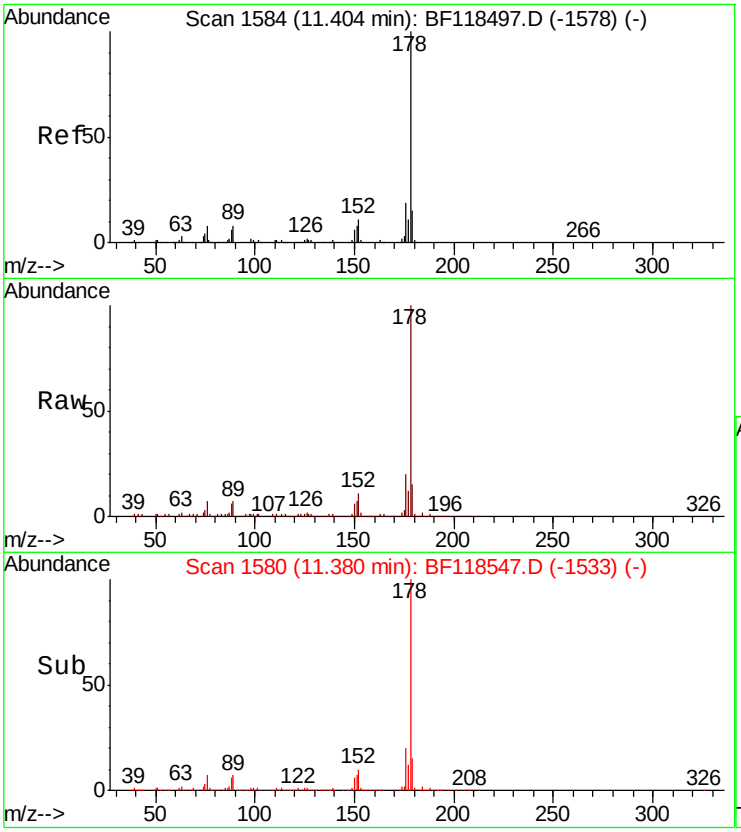


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.02 min
Lab File: BF118547.D
Acq: 13 Jan 2020 22:58

Tgt Ion:188 Resp: 400562

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.2	9.4
80	8.1	6.6	10.0



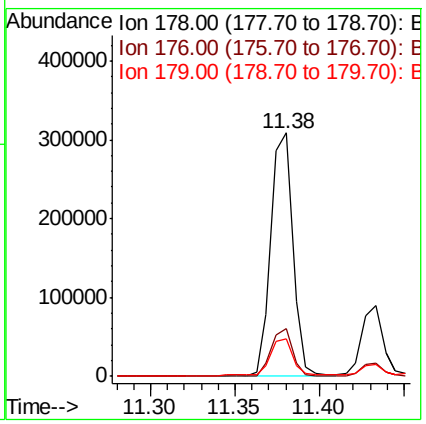


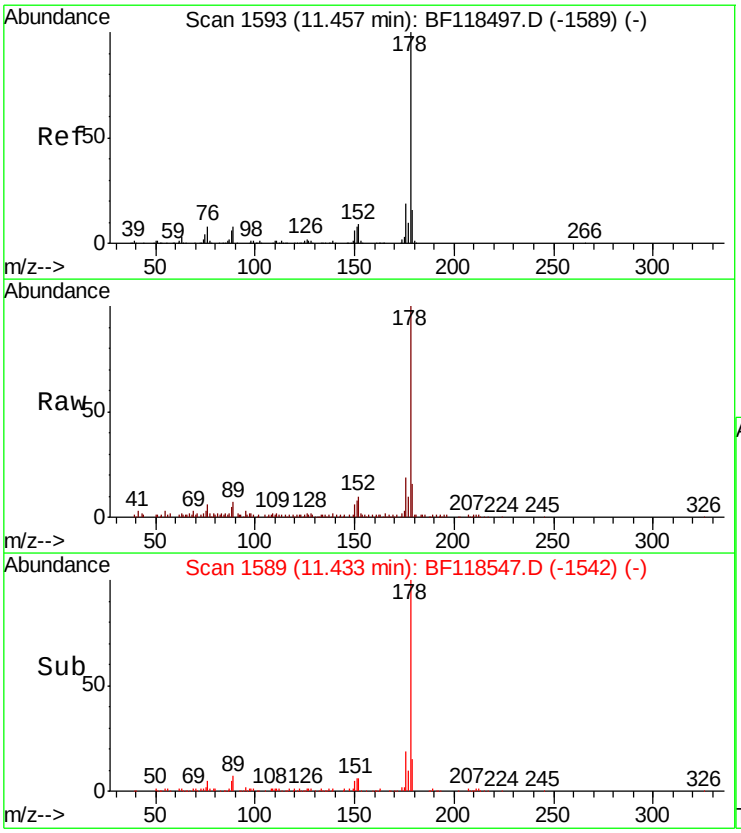
#71
Phenanthrene
Concen: 12.422 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF118547.D
Acq: 13 Jan 2020 22:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 278735

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.2	22.8
179	15.3	12.3	18.5

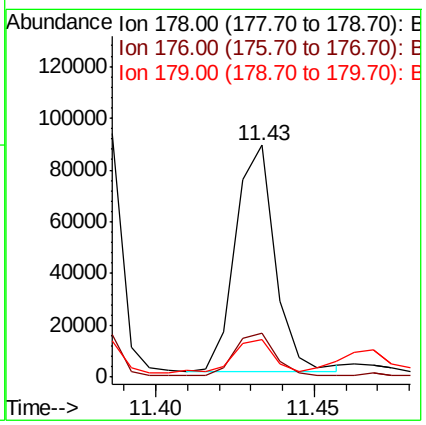


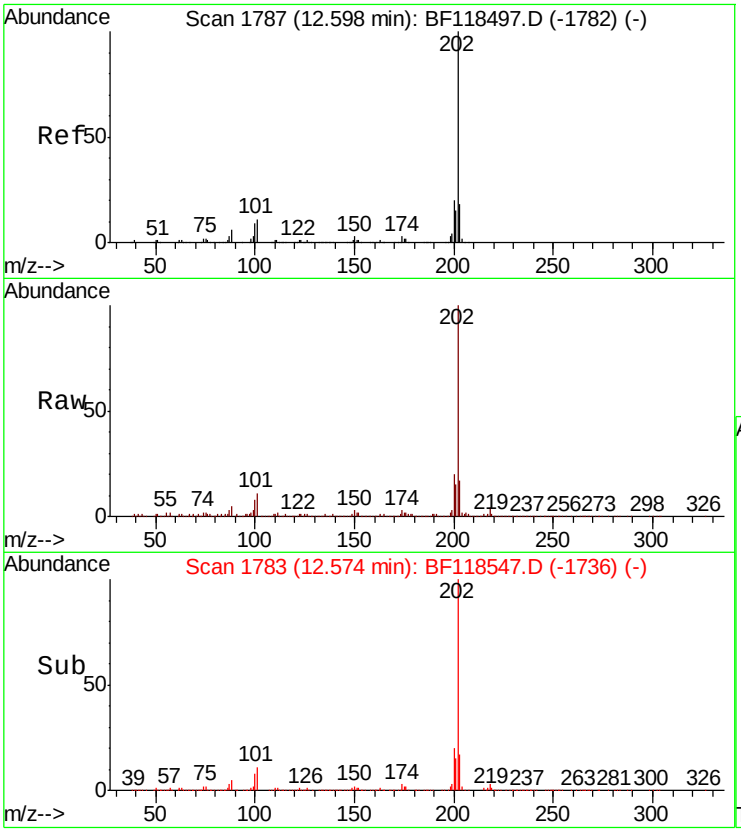


#72
Anthracene
Concen: 3.386 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BF118547.D
Acq: 13 Jan 2020 22:58

Tgt Ion:178 Resp: 75587

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	16.4	12.6	19.0



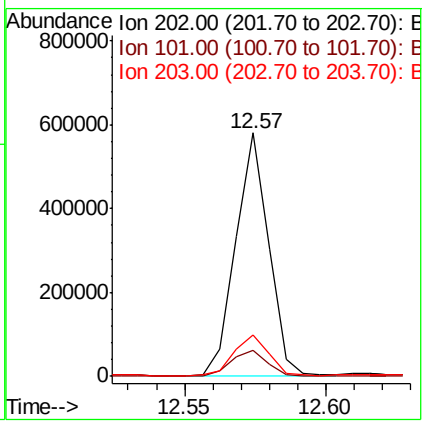


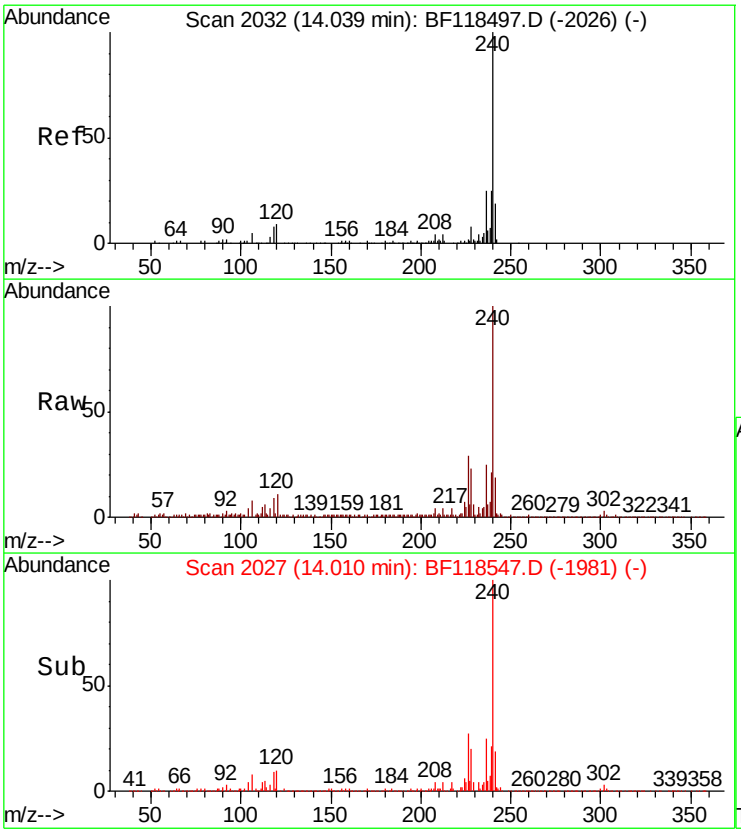
#75
Fluoranthene
Concen: 20.554 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BF118547.D
Acq: 13 Jan 2020 22:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 468783

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.4
203	17.2	0.0	38.1

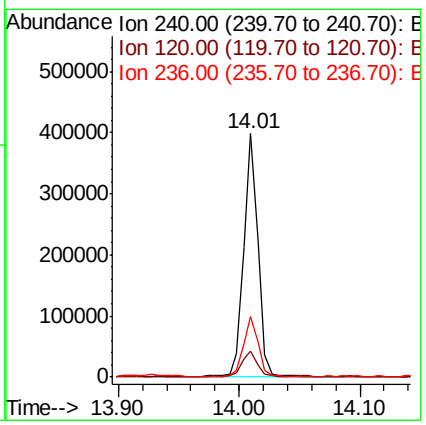


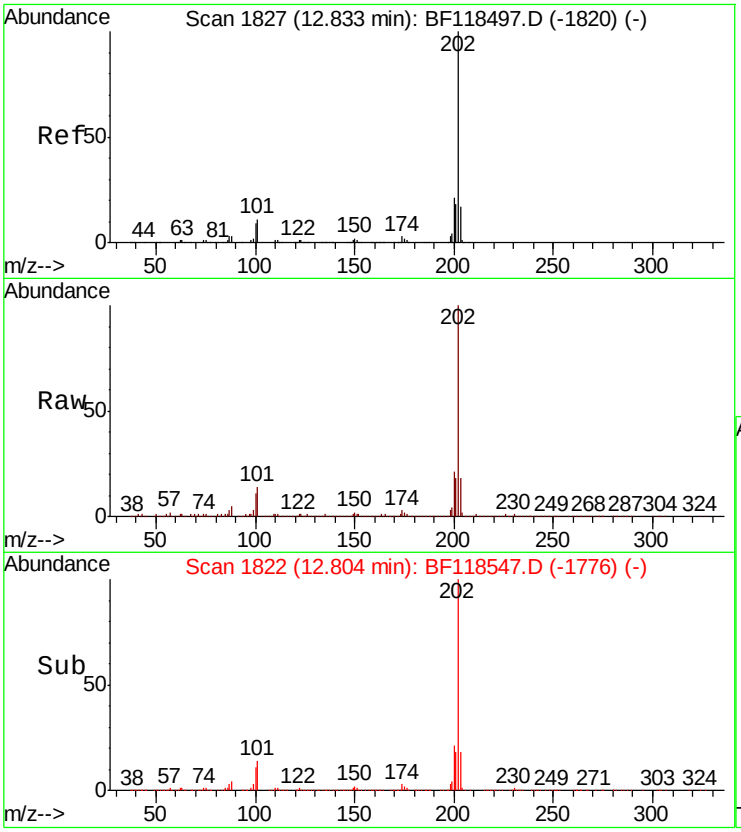


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.03 min
Lab File: BF118547.D
Acq: 13 Jan 2020 22:58

Tgt Ion:240 Resp: 325814

Ion	Ratio	Lower	Upper
240	100		
120	10.6	7.0	10.6#
236	25.1	20.1	30.1



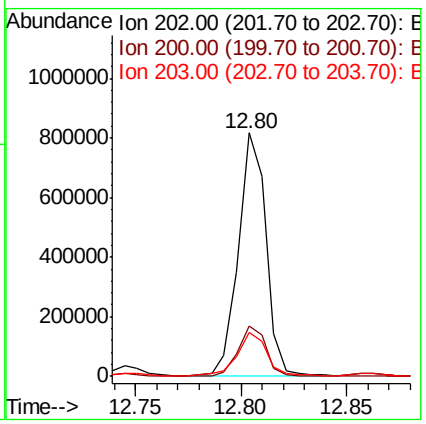


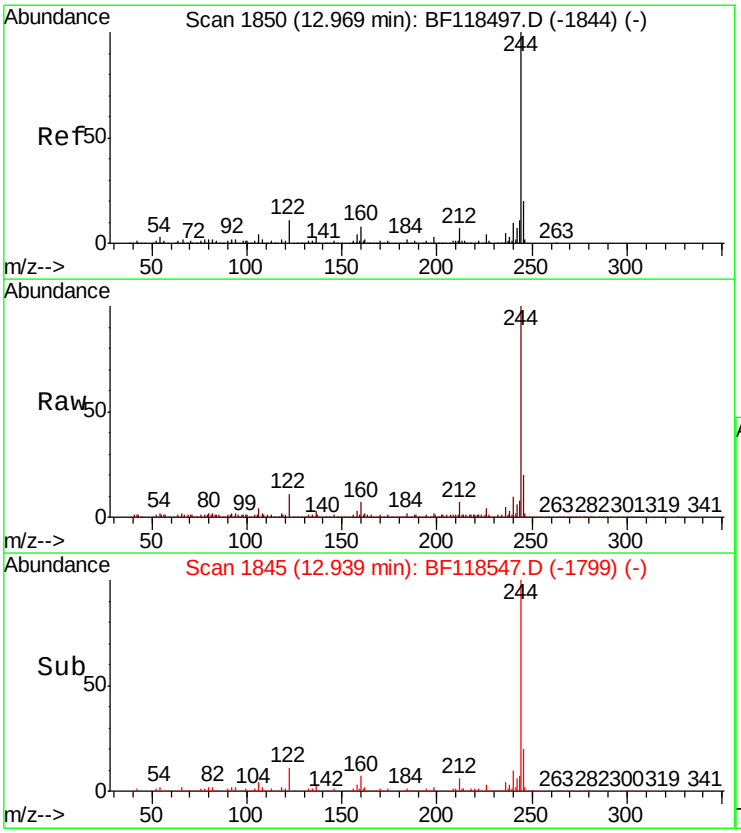
#78
Pyrene
Concen: 27.276 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.03 min
Lab File: BF118547.D
Acq: 13 Jan 2020 22:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 731171

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	18.0	13.9	20.9

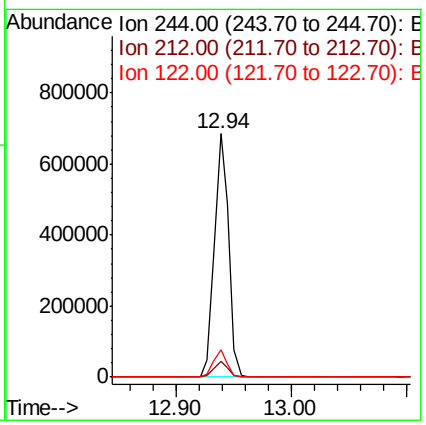


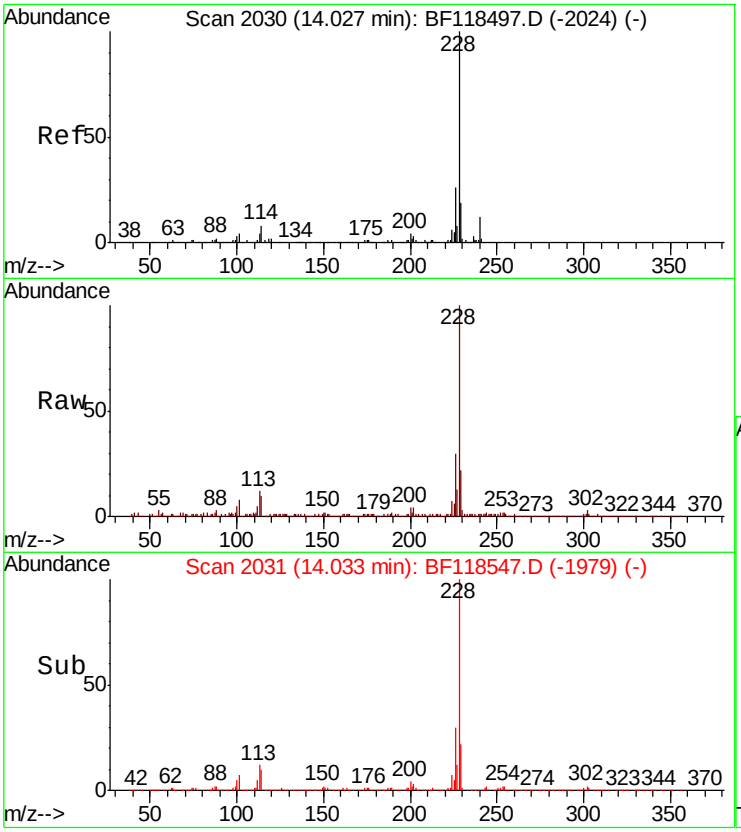


#79
Terphenyl-d14
Concen: 28.197 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.03 min
Lab File: BF118547.D
Acq: 13 Jan 2020 22:58

Tgt Ion:244 Resp: 579736

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	11.0	9.0	13.6



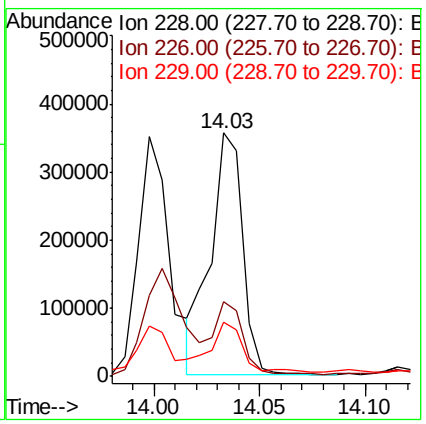


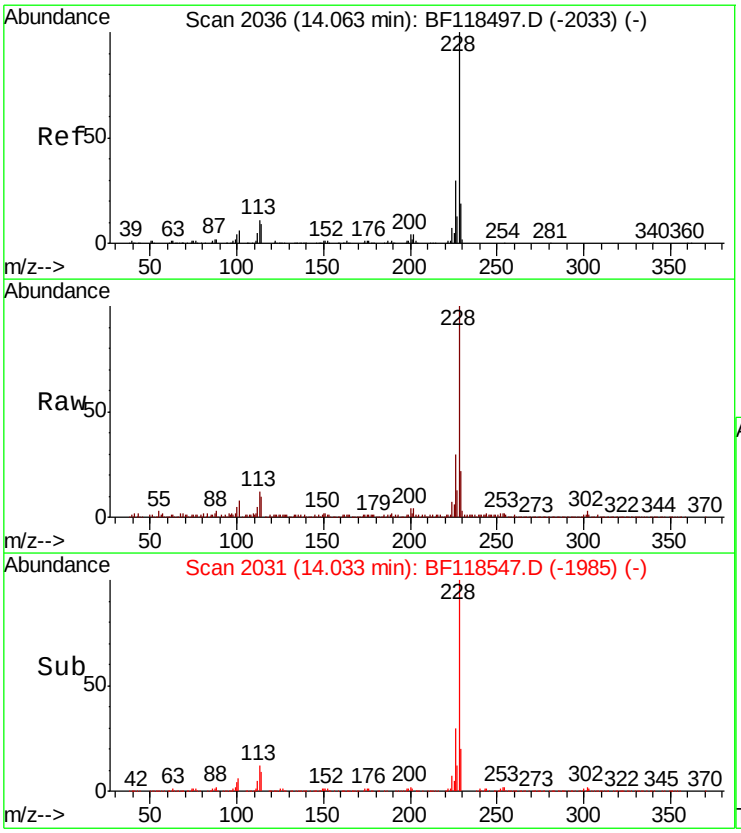
#81
Benzo(a)anthracene
Concen: 16.466 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF118547.D
Acq: 13 Jan 2020 22:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 375522

Ion	Ratio	Lower	Upper
228	100		
226	30.5	20.7	31.1
229	22.4	15.4	23.2

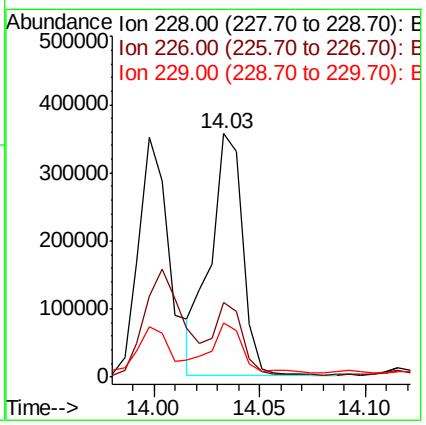


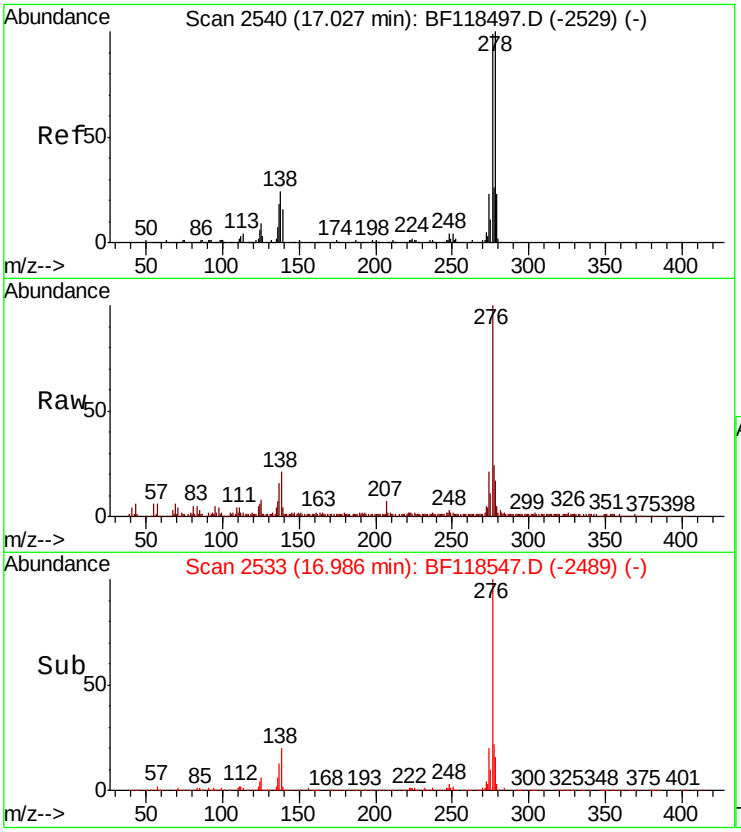


#83
Chrysene
Concen: 16.945 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.03 min
Lab File: BF118547.D
Acq: 13 Jan 2020 22:58

Tgt Ion:228 Resp: 375522

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.6	35.4
229	22.4	15.6	23.4



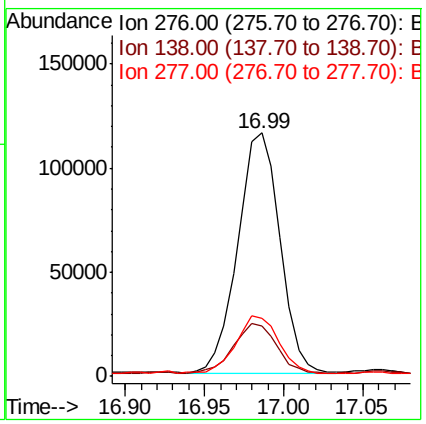


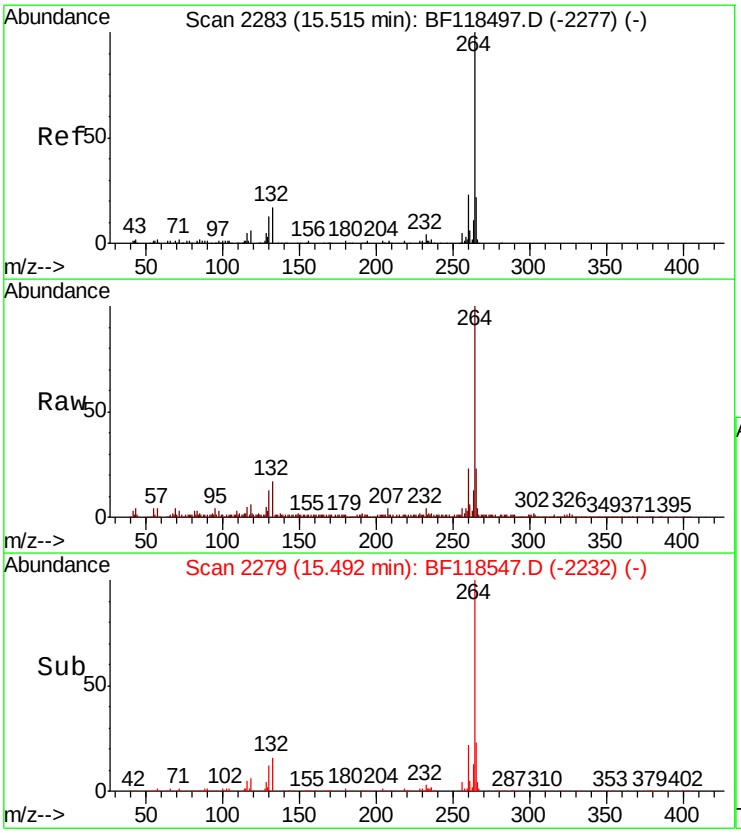
#86
Indeno(1,2,3-cd)pyrene
Concen: 11.957 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.04 min
Lab File: BF118547.D
Acq: 13 Jan 2020 22:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 213339

Ion	Ratio	Lower	Upper
276	100		
138	21.5	19.0	28.4
277	24.6	20.5	30.7

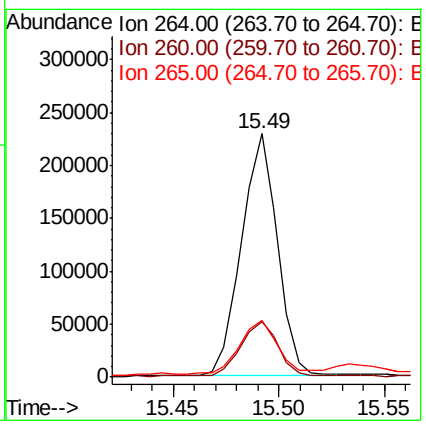


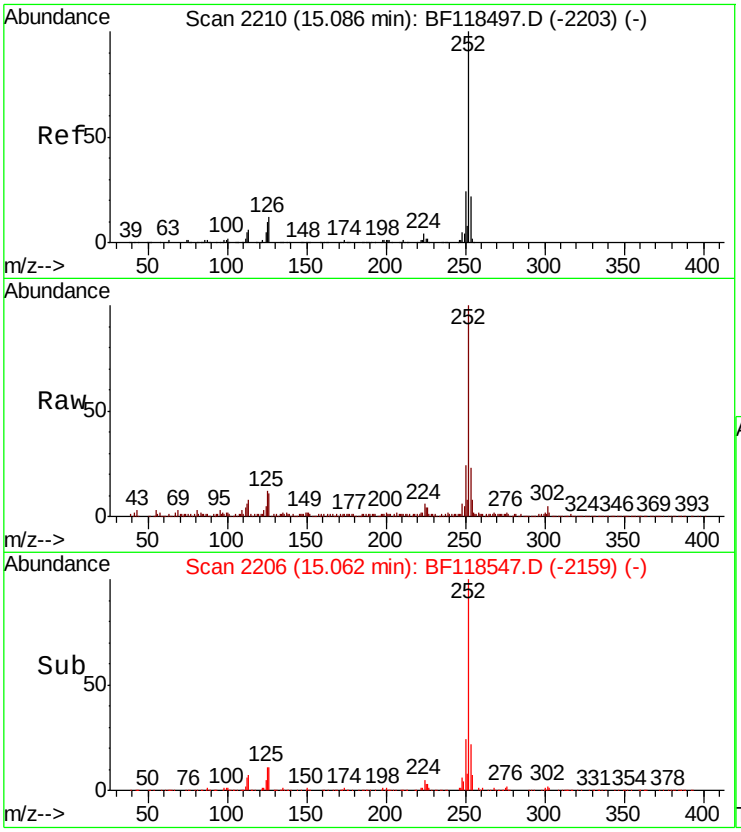


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF118547.D
Acq: 13 Jan 2020 22:58

Tgt Ion:264 Resp: 271574

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.8	28.2
265	23.2	17.5	26.3



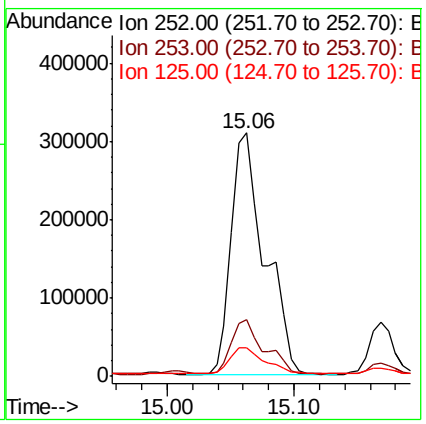


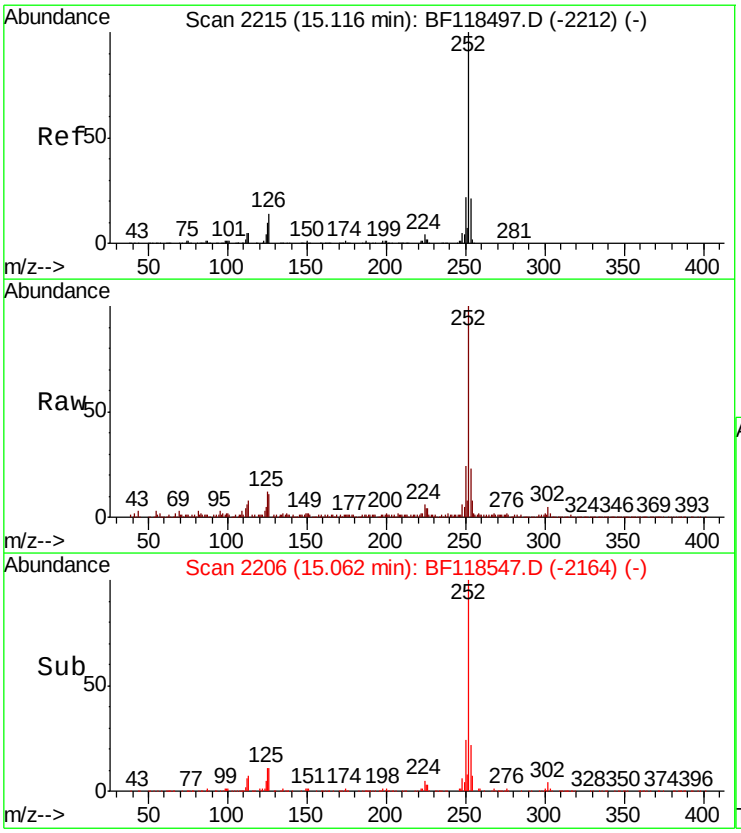
#88
Benzo(b)fluoranthene
Concen: 28.844 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF118547.D
Acq: 13 Jan 2020 22:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 566331

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	11.8	7.8	11.6#

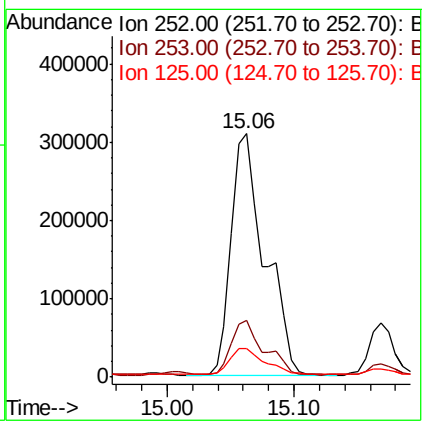


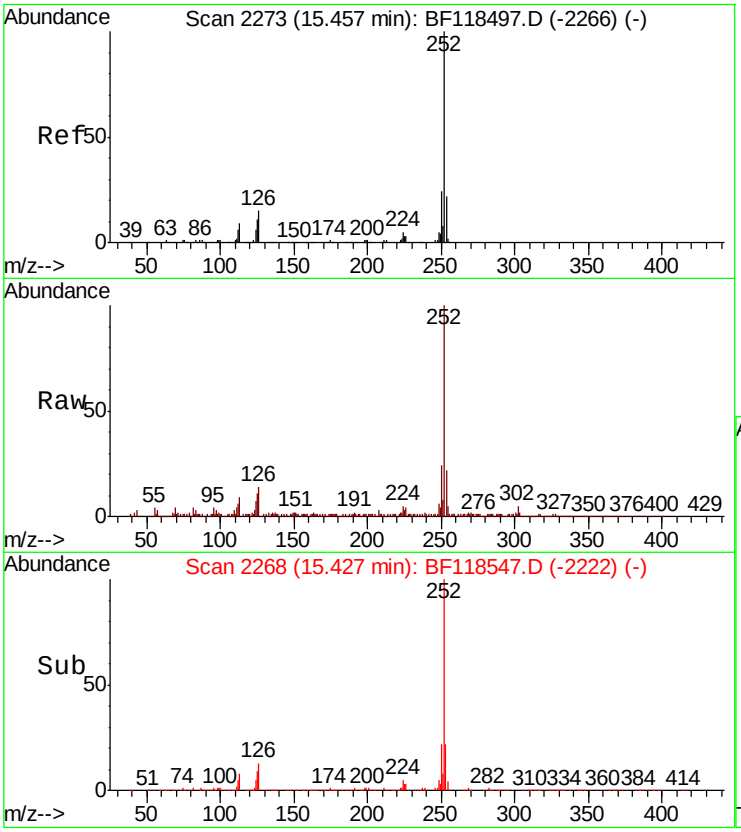


#89
Benzo(k)fluoranthene
Concen: 30.218 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.05 min
Lab File: BF118547.D
Acq: 13 Jan 2020 22:58

Tgt Ion:252 Resp: 566331

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.4
125	11.8	7.8	11.6#



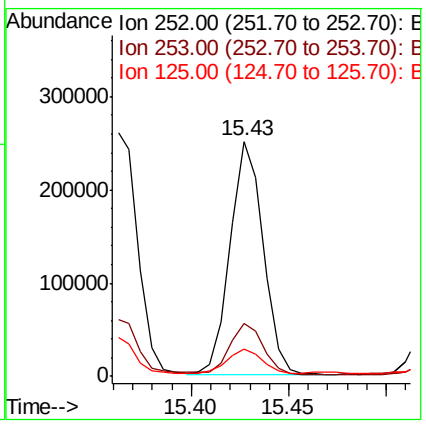


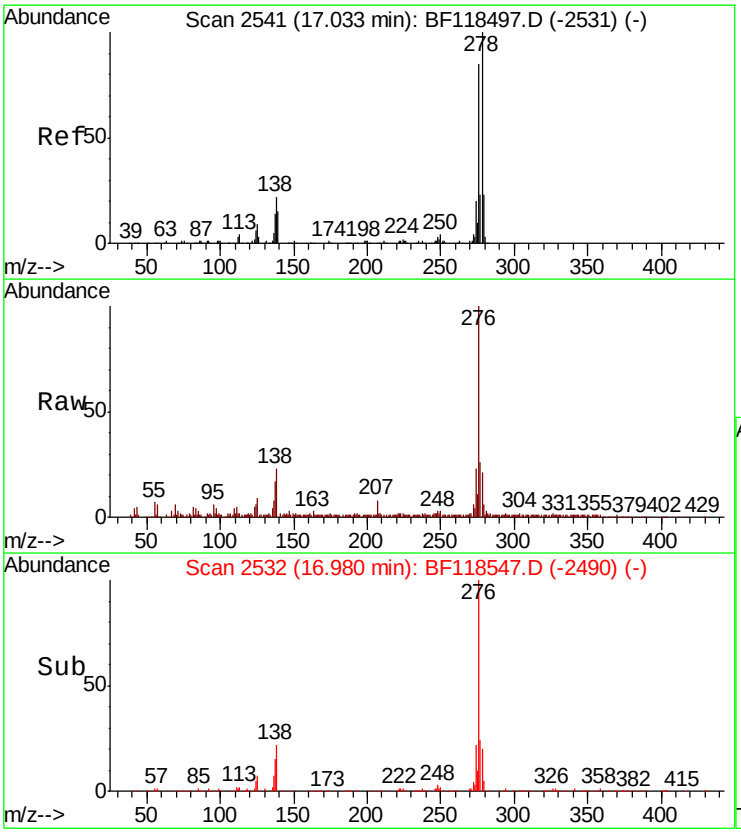
#90
Benzo(a)pyrene
Concen: 18.230 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.03 min
Lab File: BF118547.D
Acq: 13 Jan 2020 22:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 293325

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	11.4	9.0	13.6

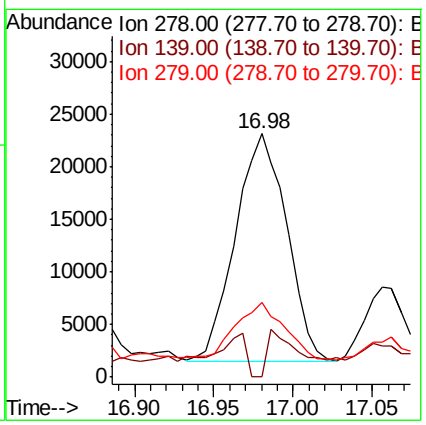


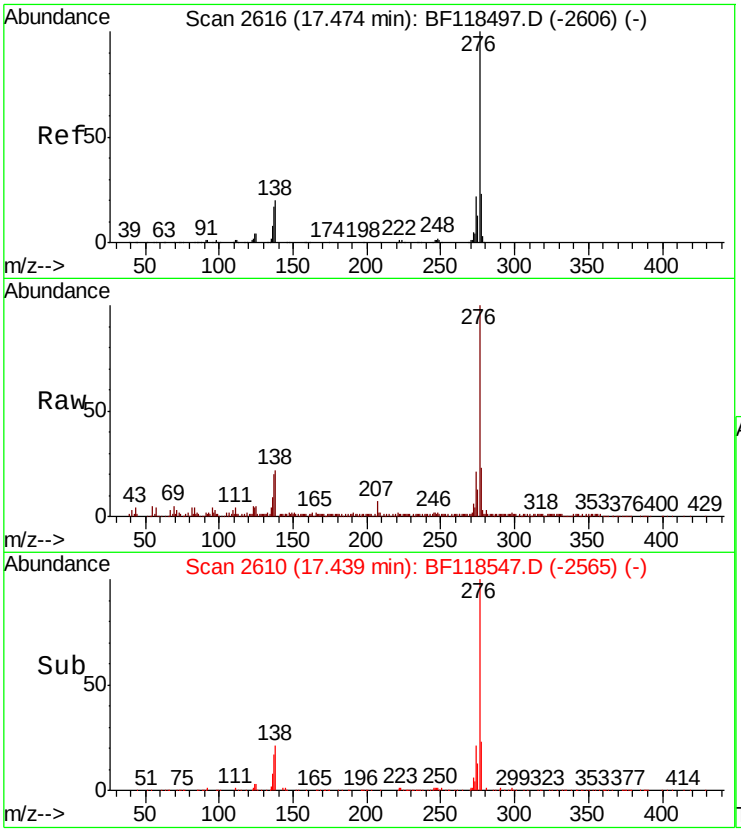


#91
Dibenzo(a,h)anthracene
Concen: 3.213 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.05 min
Lab File: BF118547.D
Acq: 13 Jan 2020 22:58

Tgt Ion:278 Resp: 48470

Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.9	17.9#
279	30.6	18.6	27.8#





#92
Benzo(g,h,i)perylene
Concen: 17.437 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.04 min
Lab File: BF118547.D
Acq: 13 Jan 2020 22:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 249270

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.2	27.4
138	21.5	16.3	24.5