Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
Data File : BF113107.D
Acq On : 18 Mar 2019 22:56
Operator : JU/SJ
Sample : K1901-09 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-16(0.5-1.5)

Quant Time: Mar 19 04:52:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	148667	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	562315	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	261316	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	536597	20.00	ng		0.00
76) Chrysene-d12	13.87	240	472919	20.00	ng		0.00
87) Perylene-d12	15.29	264	354323	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	350021	36.62	ng		0.00
7) Phenol-d6	6.37	99	489518	40.77	ng		0.00
23) Nitrobenzene-d5	7.29	82	282239	30.03	ng		-0.01
42) 2,4,6-Tribromophenol	10.55	330	112072	40.40	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	597727	31.88	ng		0.00
79) Terphenyl-d14	12.82	244	679104	27.84	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	36335	4.779	ng	#	78
25) Isophorone	7.29	82	282236	13.941	ng	#	66
50) Dimethylphthalate	9.48	163	52557	2.728	ng	#	99
51) 2,6-Dinitrotoluene	9.76	165	34891	8.696	ng	#	18
57) 2,4-Dinitrotoluene	9.76	165	34892	6.996	ng	#	17
71) Phenanthrene	11.26	178	635598	23.807	ng		98
72) Anthracene	11.32	178	108499	3.882	ng		97
75) Fluoranthene	12.45	202	979753	34.253	ng		97
78) Pyrene	12.68	202	1100469	27.603	ng		100
81) Benzo(a)anthracene	13.86	228	570988	17.421	ng		98
83) Chrysene	13.90	228	503608	15.686	ng		98
86) Indeno(1,2,3-cd)pyrene	16.65	276	217702	7.954	ng	#	88
88) Benzo(b)fluoranthene	14.89	252	641669	27.998	ng		99
89) Benzo(k)fluoranthene	14.89	252	641669	30.909	ng		99
90) Benzo(a)pyrene	15.23	252	363946	17.953	ng		98
91) Dibenzo(a,h)anthracene	16.82	278	48768	2.819	ng		93
92) Benzo(g,h,i)perylene	17.06	276	213208	12.275	ng		94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
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Misc :
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Instrument :
BNA_F
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SB-16(0.5-1.5)

Quant Time: Mar 19 04:52:53 2019
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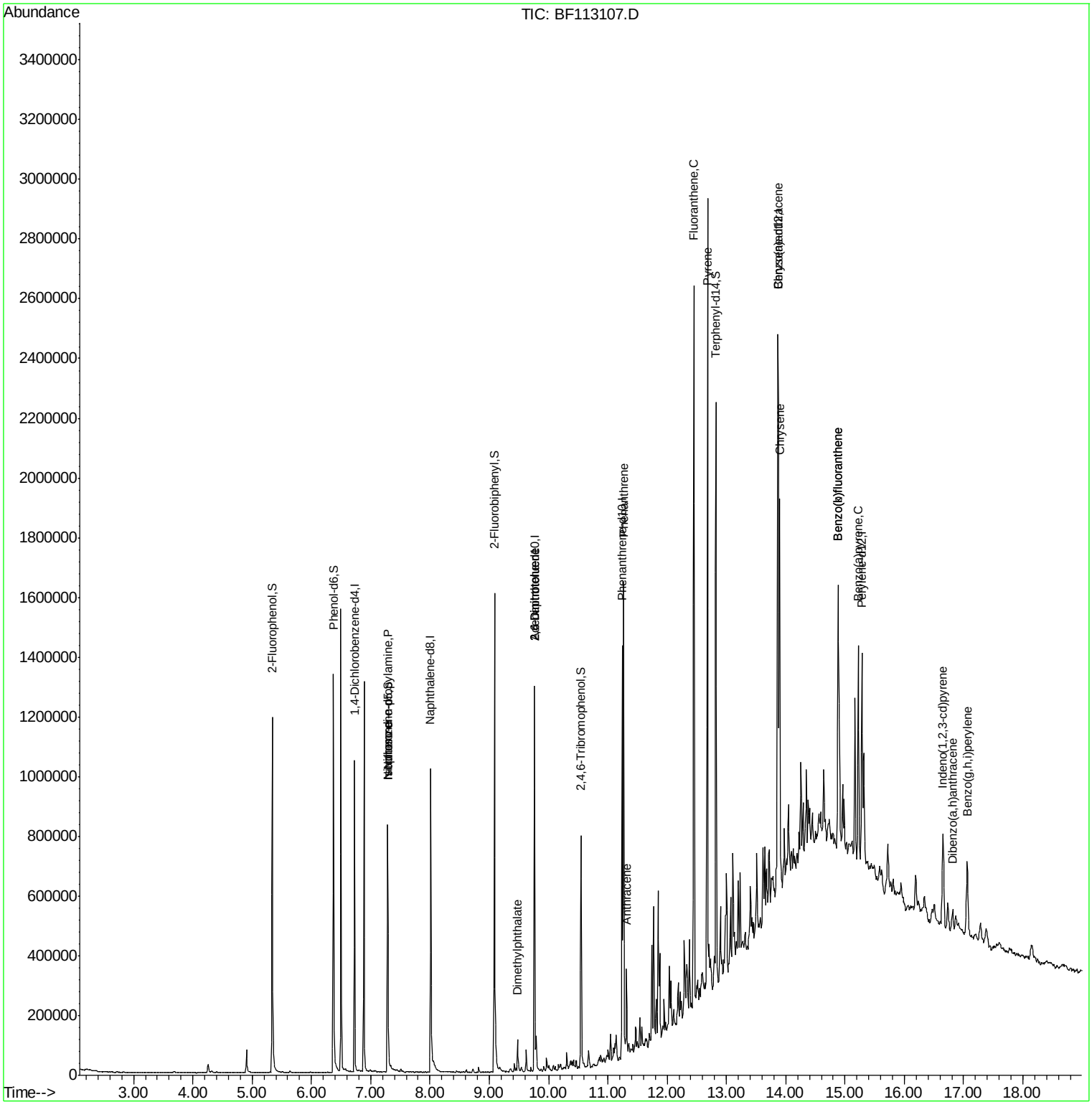
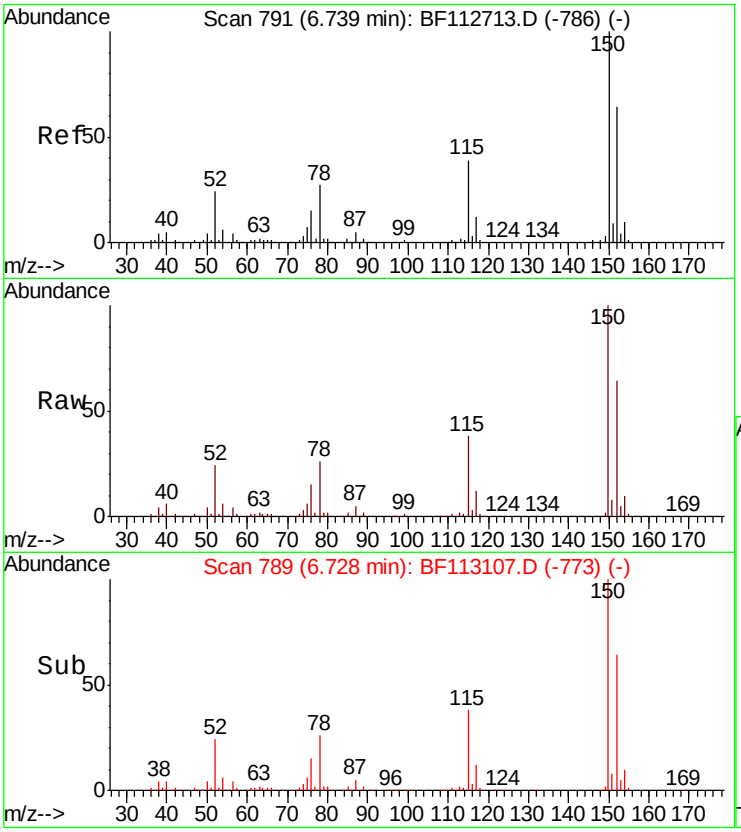


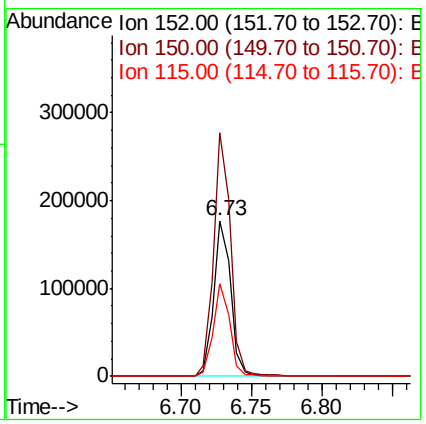


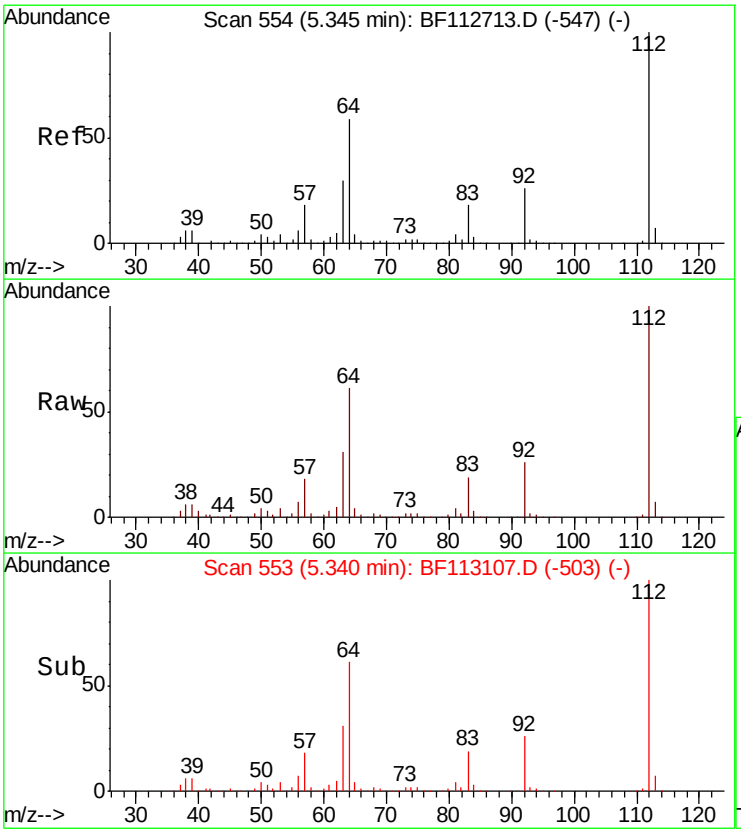
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Instrument :
BNA_F
ClientSampleId :
SB-16(0.5-1.5)

Tgt Ion:152 Resp: 148667

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.2	186.2
115	59.5	48.2	72.4

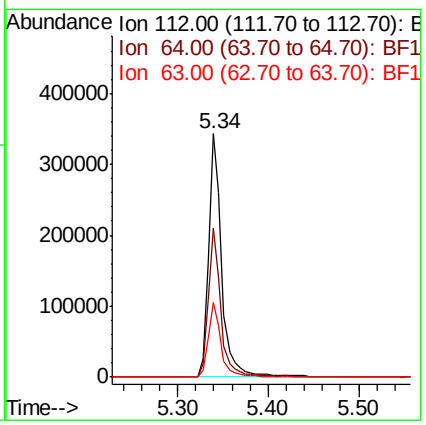


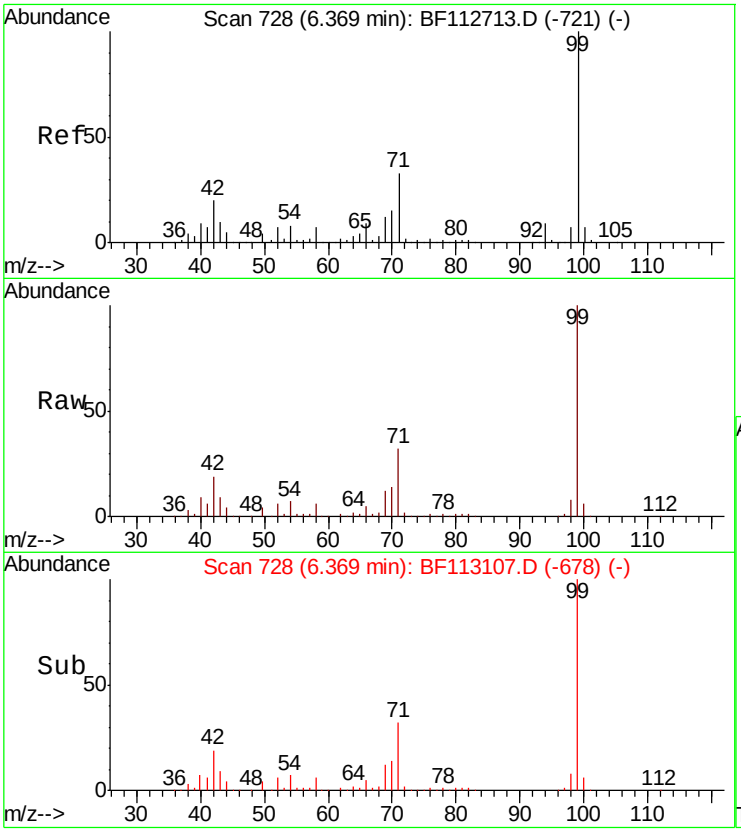


#5
2-Fluorophenol
Concen: 36.624 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Tgt Ion:112 Resp: 350021

Ion	Ratio	Lower	Upper
112	100		
64	61.2	47.6	71.4
63	30.6	24.4	36.6



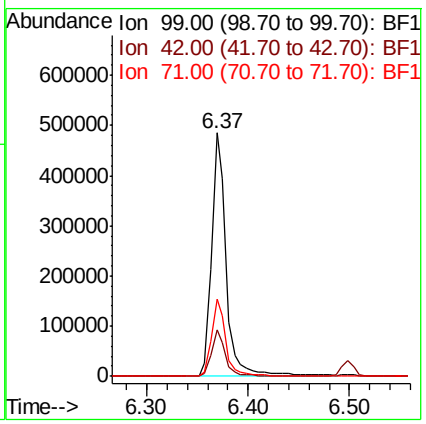


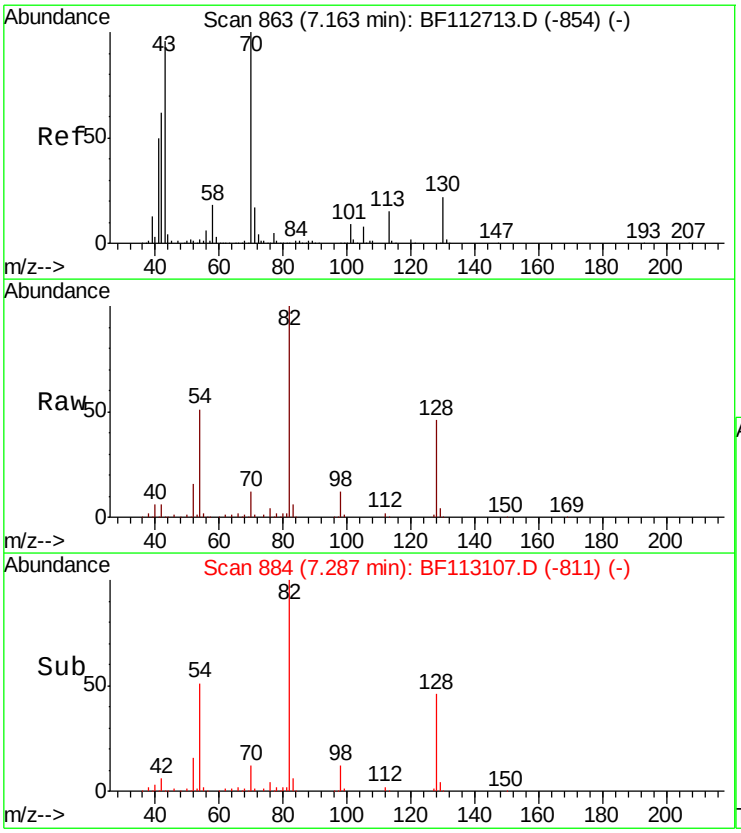
#7
Phenol-d6
Concen: 40.775 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Instrument :
BNA_F
ClientSampleId :
SB-16(0.5-1.5)

Tgt Ion: 99 Resp: 489518

Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.3	24.5
71	32.0	26.2	39.4

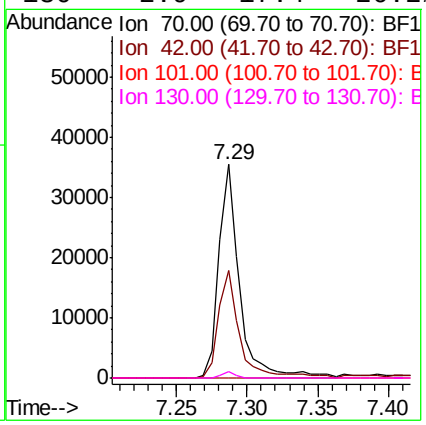


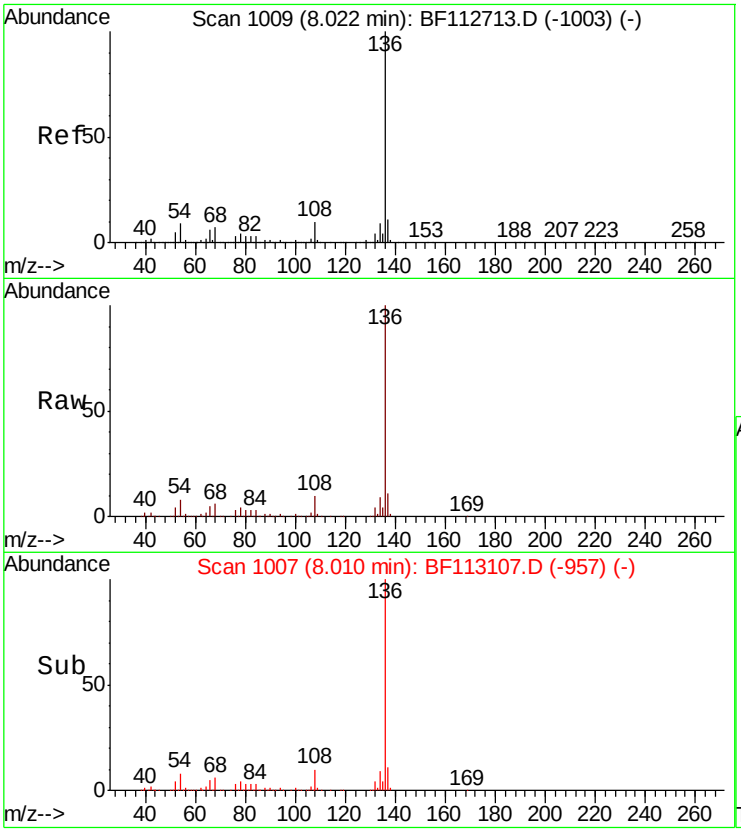


#19
n-Nitroso-di-n-propylamine
Concen: 4.779 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.13 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Tgt Ion: 70 Resp: 36335

Ion	Ratio	Lower	Upper
70	100		
42	50.3	49.9	74.9
101	0.0	7.4	11.2#
130	2.9	17.4	26.2#



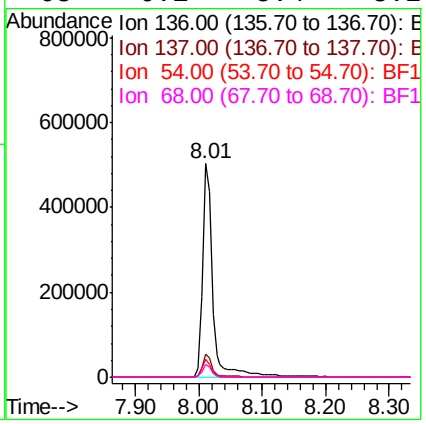


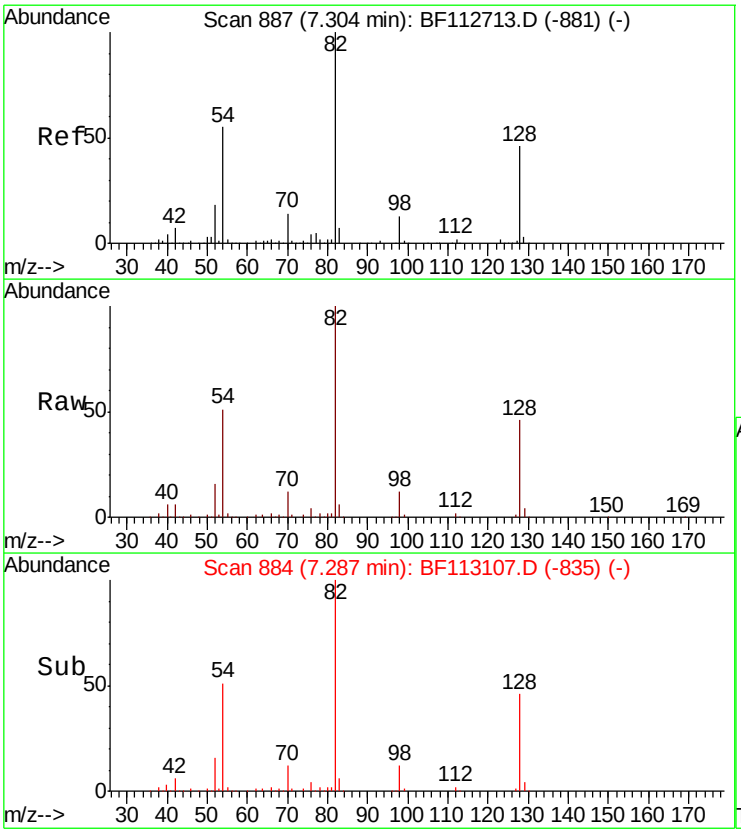
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Instrument :
BNA_F
ClientSampleId :
SB-16(0.5-1.5)

Tgt Ion:136 Resp: 562315

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.5	7.3	10.9
68	6.1	5.4	8.2

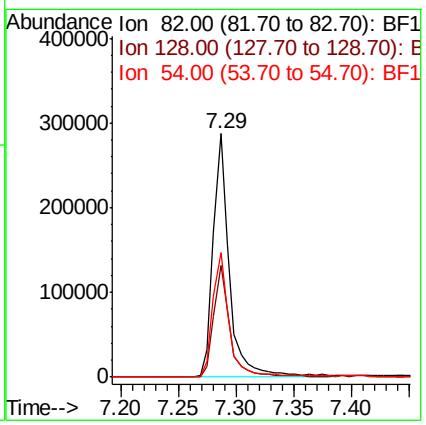


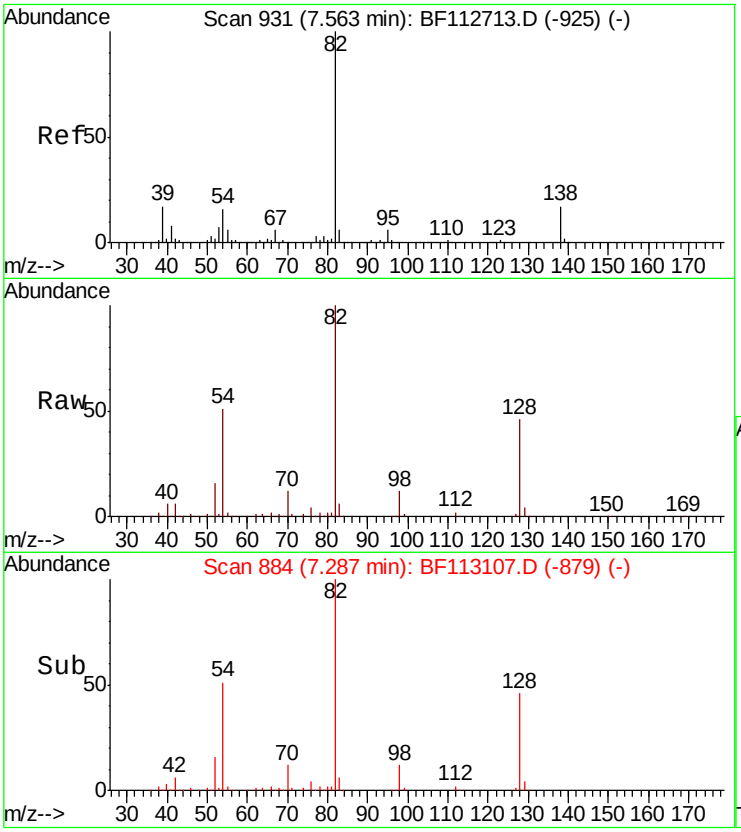


#23
Nitrobenzene-d5
Concen: 30.034 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Tgt Ion: 82 Resp: 282239

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.3	54.5
54	51.4	43.7	65.5



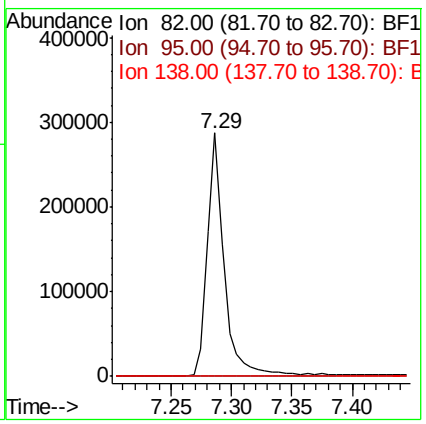


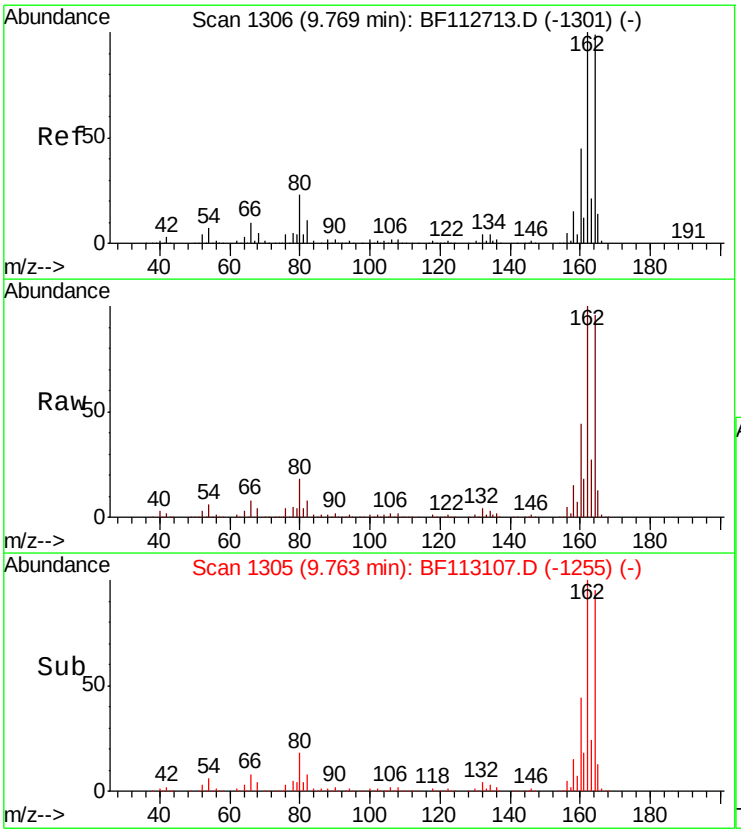
#25
Isophorone
Concen: 13.941 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.27 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Instrument :
BNA_F
ClientSampleId :
SB-16(0.5-1.5)

Tgt Ion: 82 Resp: 282236

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	13.8	20.8#

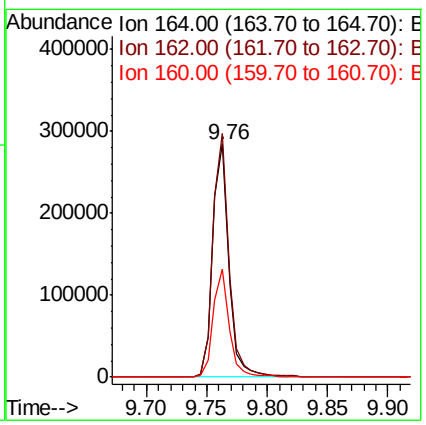


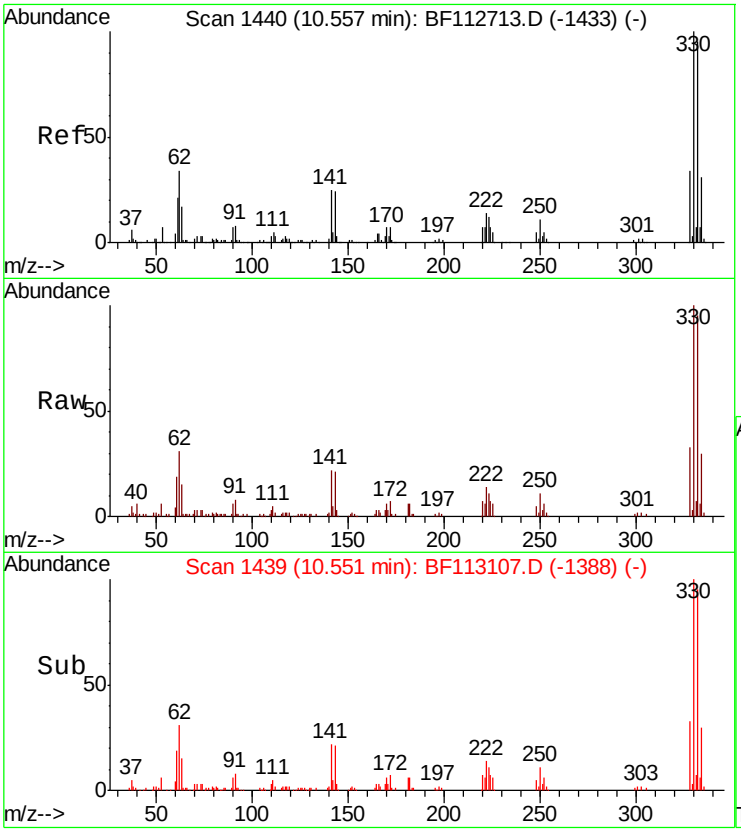


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Tgt Ion:164 Resp: 261316

Ion	Ratio	Lower	Upper
164	100		
162	104.4	80.6	120.8
160	46.4	36.0	54.0



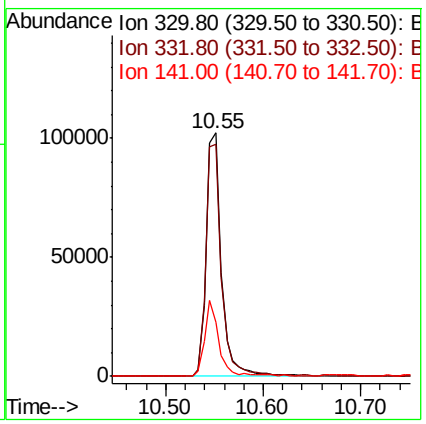


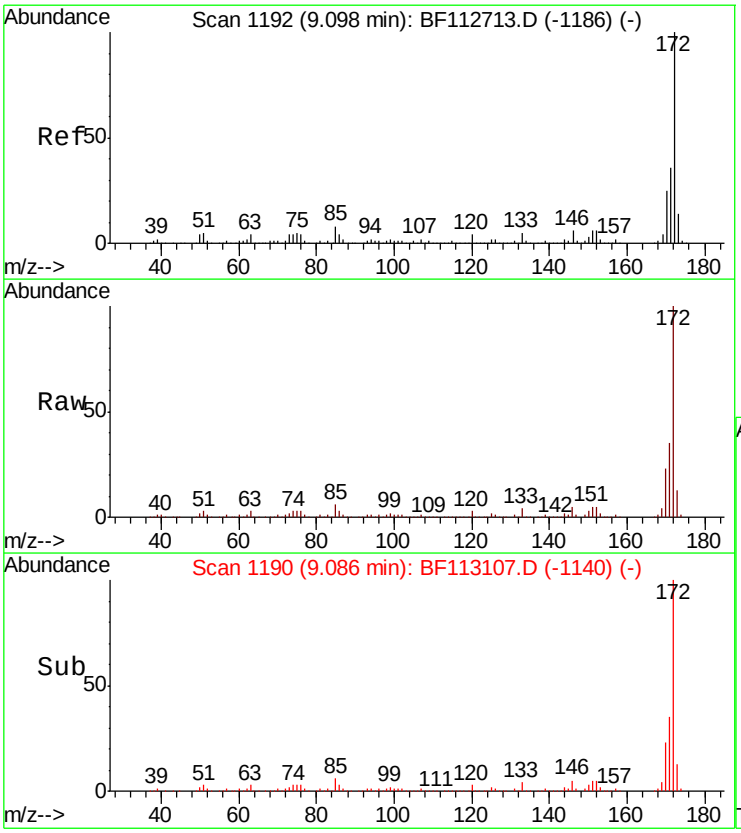
#42
2,4,6-Tribromophenol
Concen: 40.398 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Instrument :
BNA_F
ClientSampleId :
SB-16(0.5-1.5)

Tgt Ion:330 Resp: 112072

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.2	114.4
141	28.9	27.0	40.6

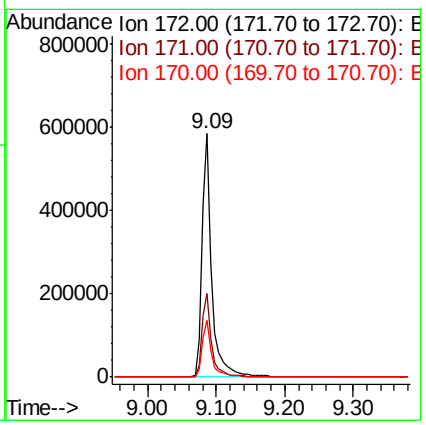


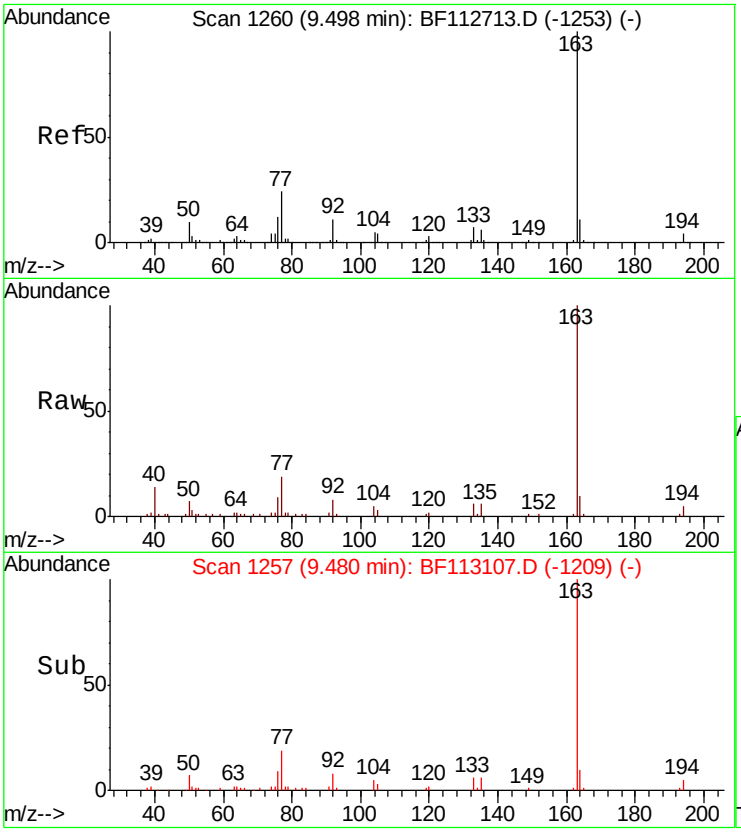


#45
2-Fluorobiphenyl
Concen: 31.883 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Tgt Ion:172 Resp: 597727

Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.0	43.4
170	23.3	20.0	30.0



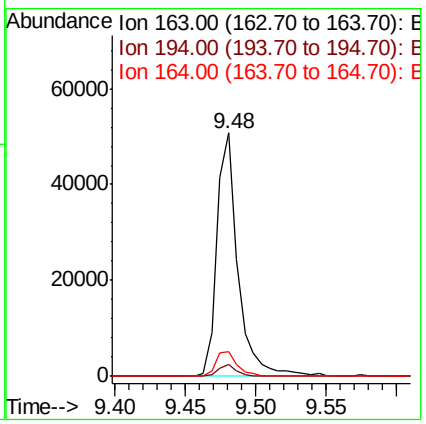


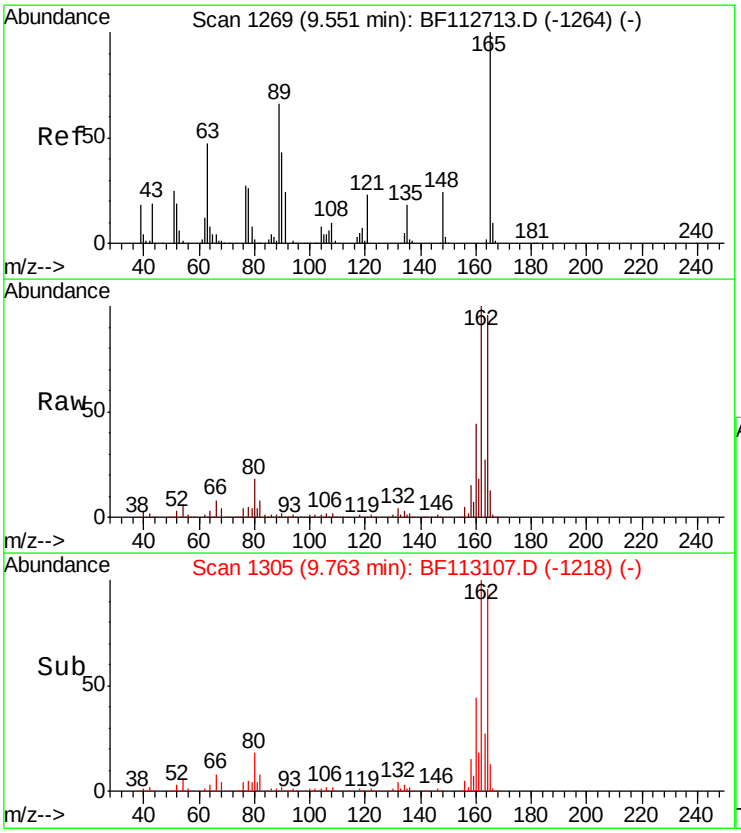
#50
Dimethylphthalate
Concen: 2.728 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Instrument :
BNA_F
ClientSampleId :
SB-16(0.5-1.5)

Tgt Ion:163 Resp: 52557

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.0	4.4#
164	10.4	8.4	12.6

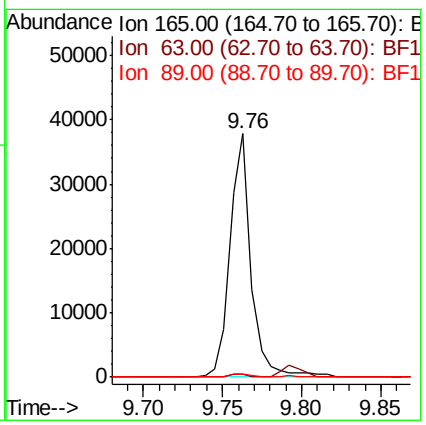


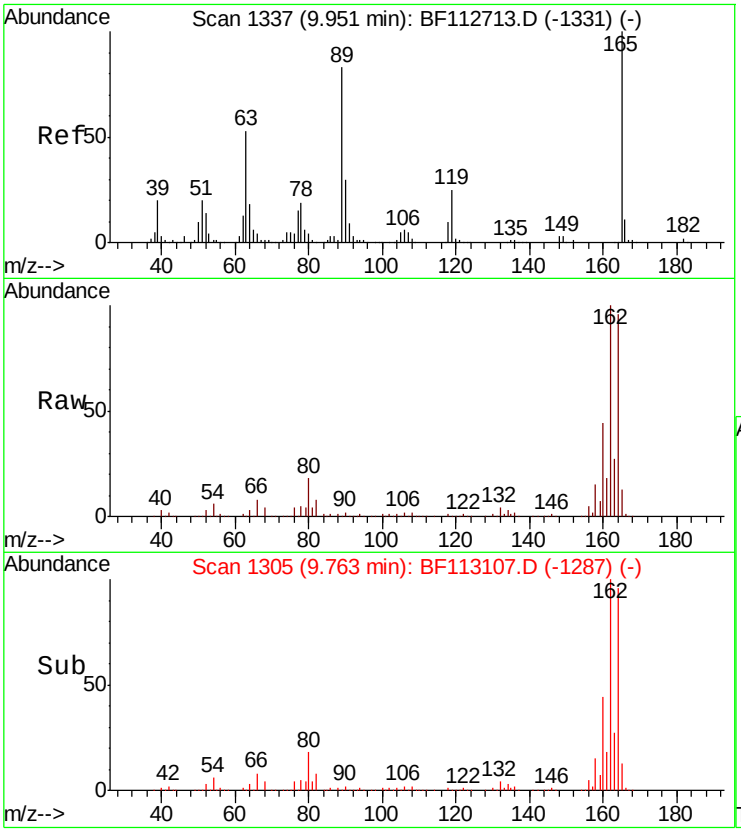


#51
2,6-Dinitrotoluene
Concen: 8.696 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Tgt Ion:165 Resp: 34891

Ion	Ratio	Lower	Upper
165	100		
63	1.0	54.1	81.1#
89	1.2	52.8	79.2#



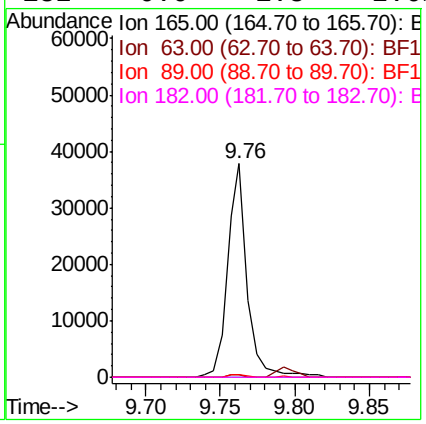


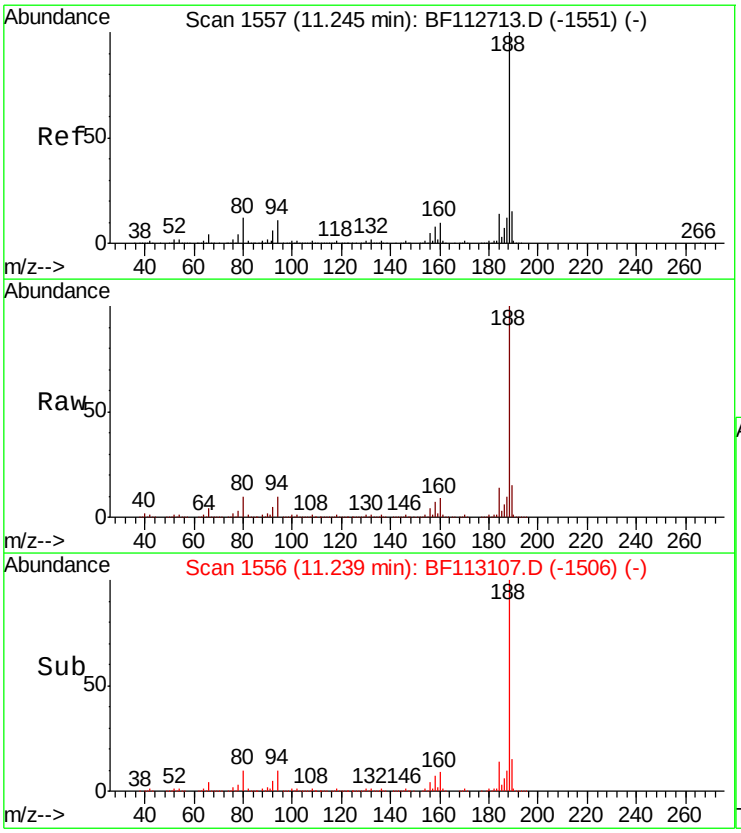
#57
2,4-Dinitrotoluene
Concen: 6.996 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Instrument :
BNA_F
ClientSampleId :
SB-16(0.5-1.5)

Tgt Ion:165 Resp: 34892

Ion	Ratio	Lower	Upper
165	100		
63	1.0	42.2	63.2#
89	1.2	66.2	99.4#
182	0.0	1.8	2.6#

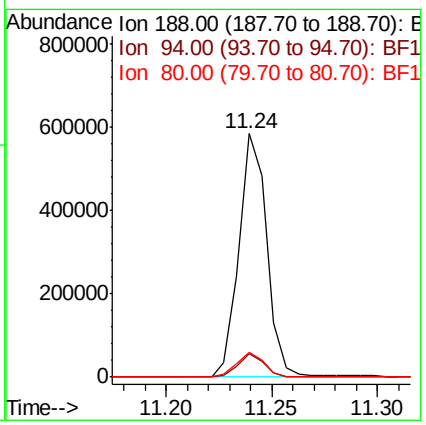


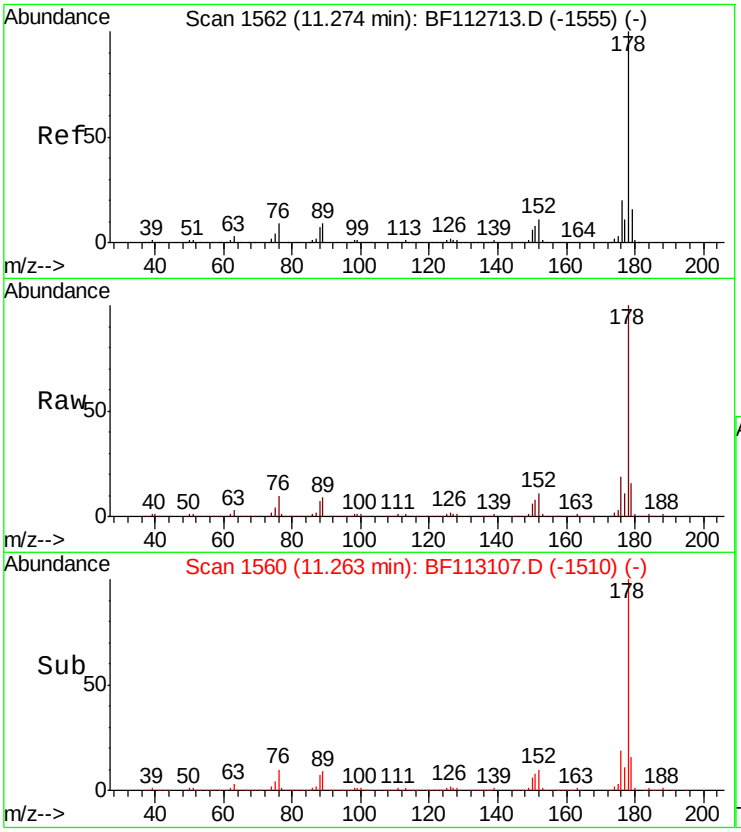


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Tgt Ion:188 Resp: 536597

Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.0	13.4
80	10.3	9.2	13.8



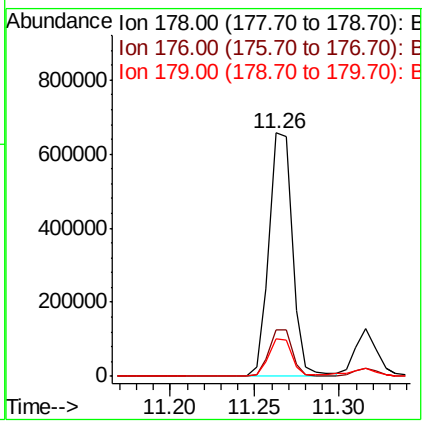


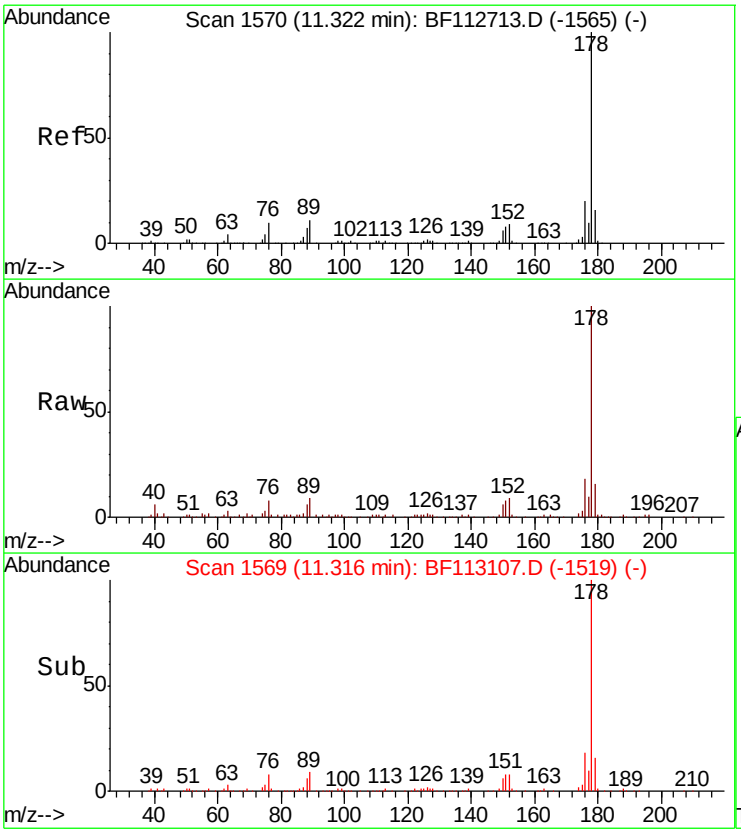
#71
Phenanthrene
Concen: 23.807 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Instrument :
BNA_F
ClientSampleId :
SB-16(0.5-1.5)

Tgt Ion:178 Resp: 635598

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.3	24.5
179	15.6	12.7	19.1

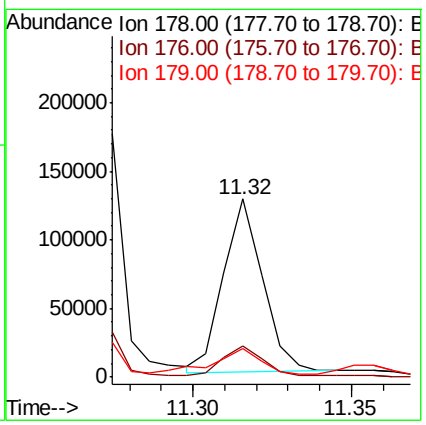


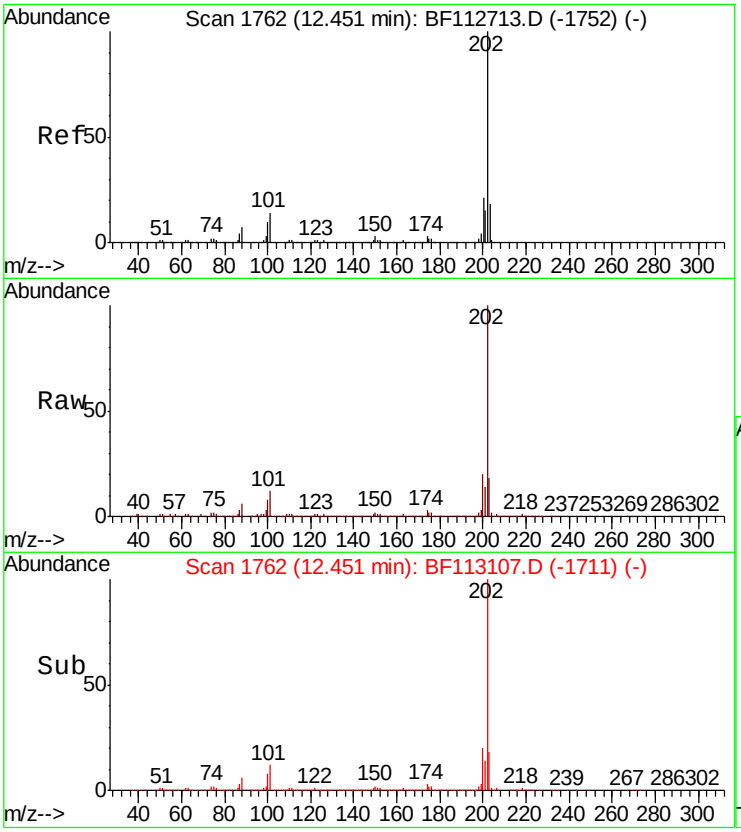


#72
Anthracene
Concen: 3.882 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Tgt Ion:178 Resp: 108499

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.8	23.6
179	15.8	13.0	19.6



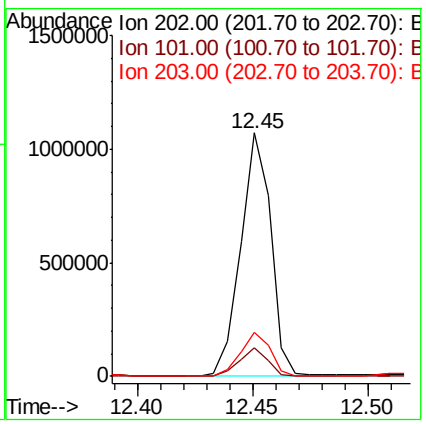


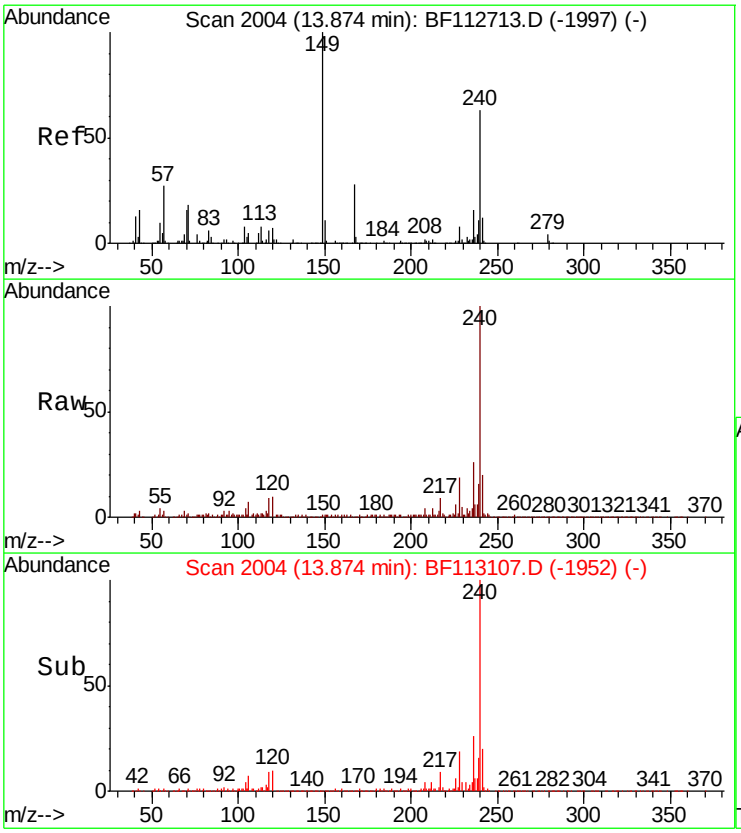
#75
Fluoranthene
Concen: 34.253 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Instrument :
BNA_F
ClientSampleId :
SB-16(0.5-1.5)

Tgt Ion:202 Resp: 979753

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	33.8
203	18.2	0.0	38.4

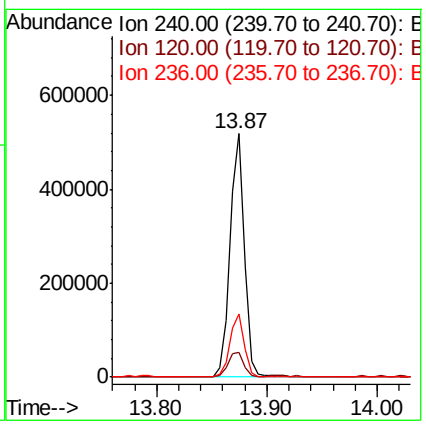


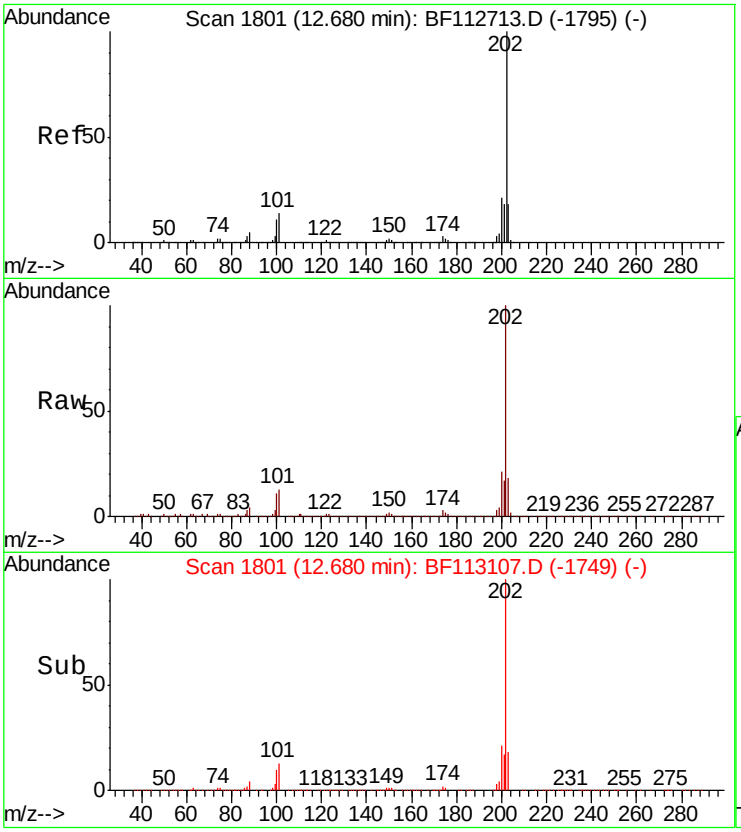


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Tgt Ion:240 Resp: 472919

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.9	13.3
236	26.1	20.7	31.1



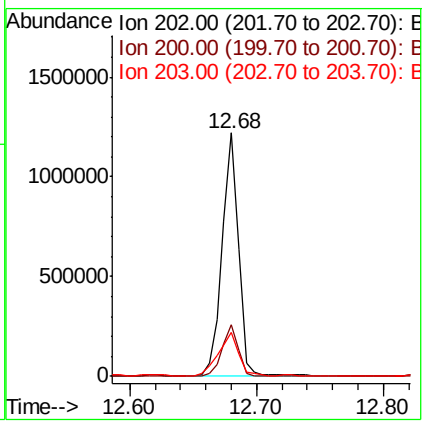


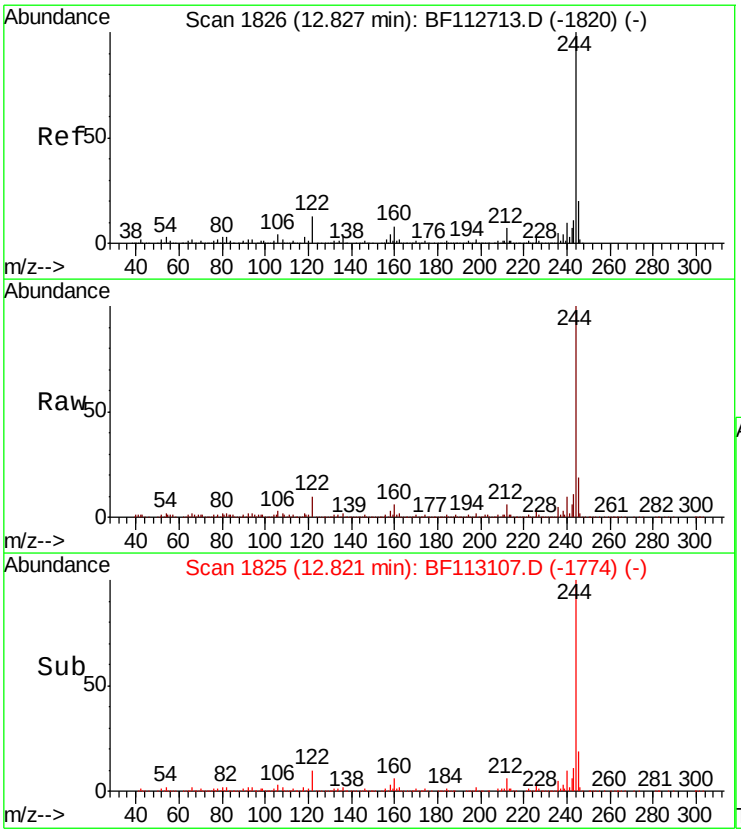
#78
Pyrene
Concen: 27.603 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Instrument :
BNA_F
ClientSampleId :
SB-16(0.5-1.5)

Tgt Ion:202 Resp: 1100469

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	18.2	14.4	21.6

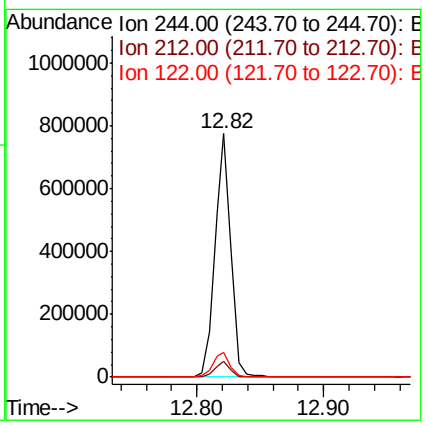


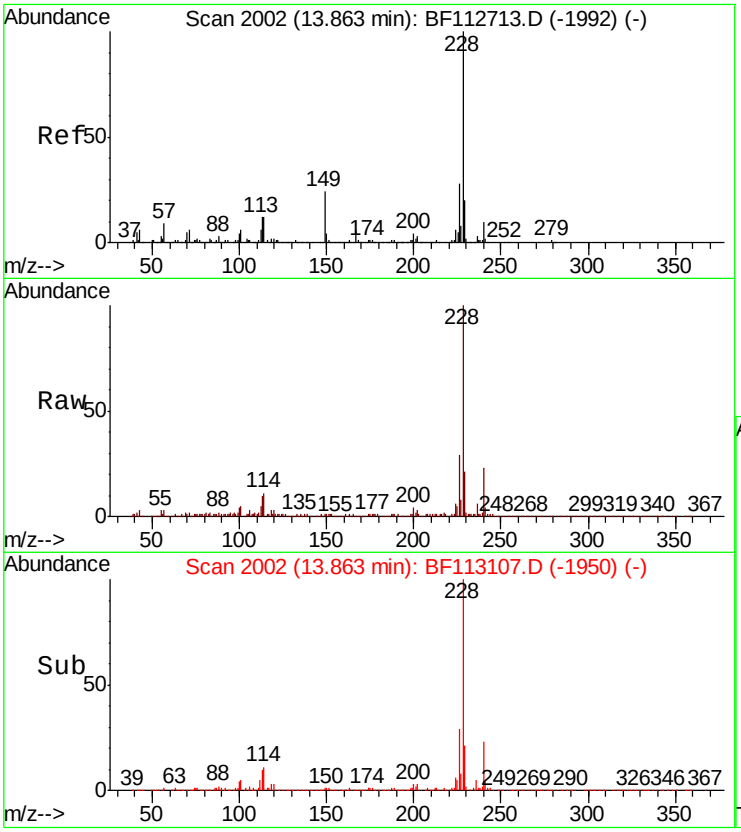


#79
Terphenyl-d14
Concen: 27.837 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Tgt Ion:244 Resp: 679104

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	10.3	10.5	15.7#



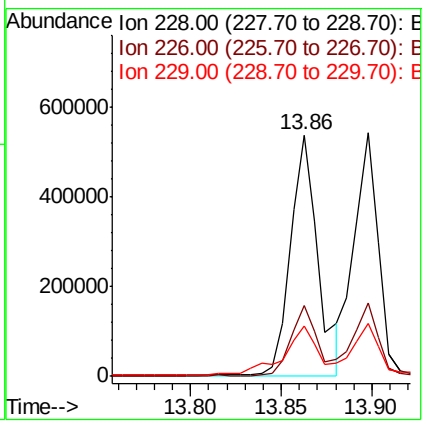


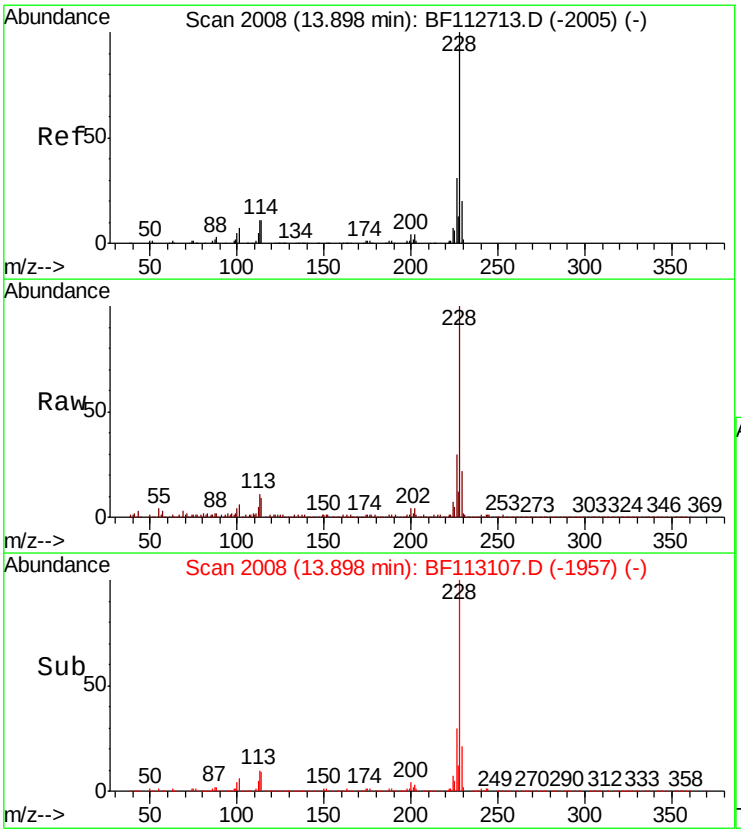
#81
Benzo(a)anthracene
Concen: 17.421 ng
RT: 13.86 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Instrument :
BNA_F
ClientSampleId :
SB-16(0.5-1.5)

Tgt Ion:228 Resp: 570988

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.2	33.4
229	21.0	16.0	24.0

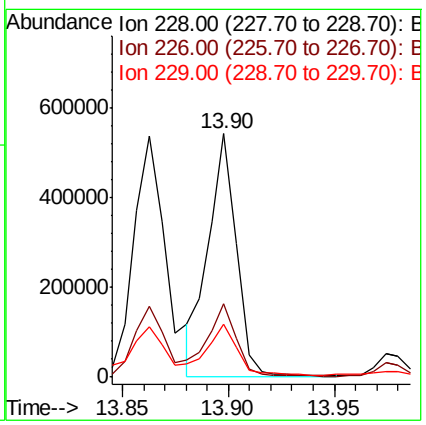


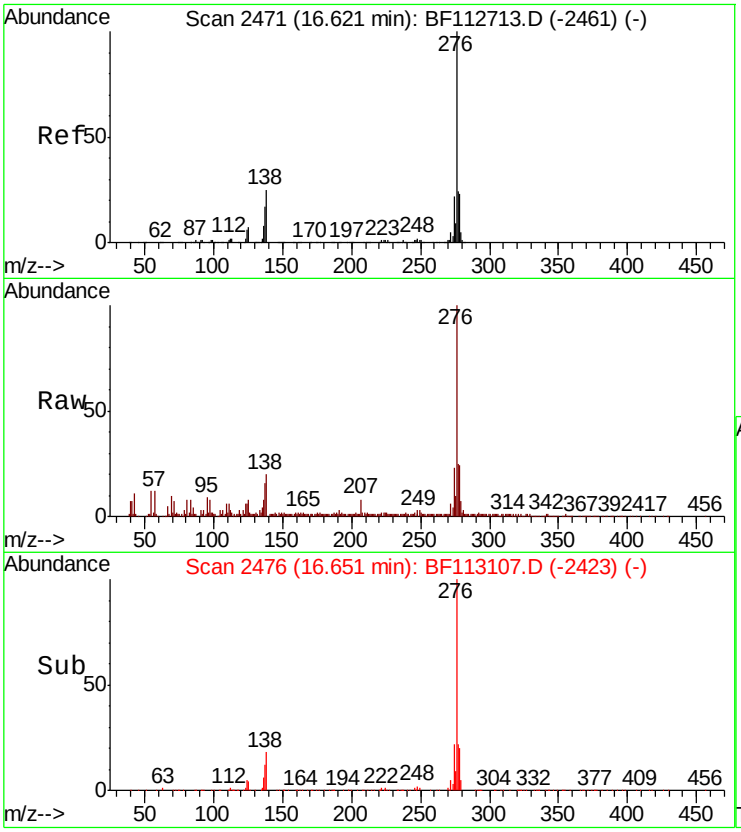


#83
Chrysene
Concen: 15.686 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Tgt Ion:228 Resp: 503608

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	21.8	16.3	24.5



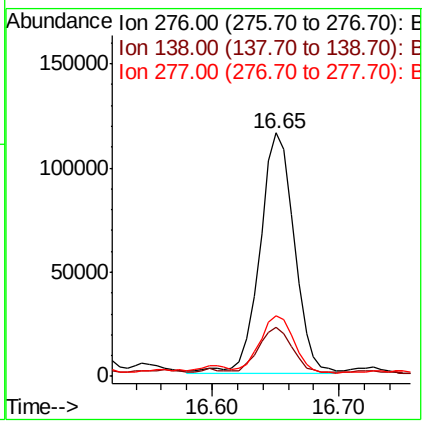


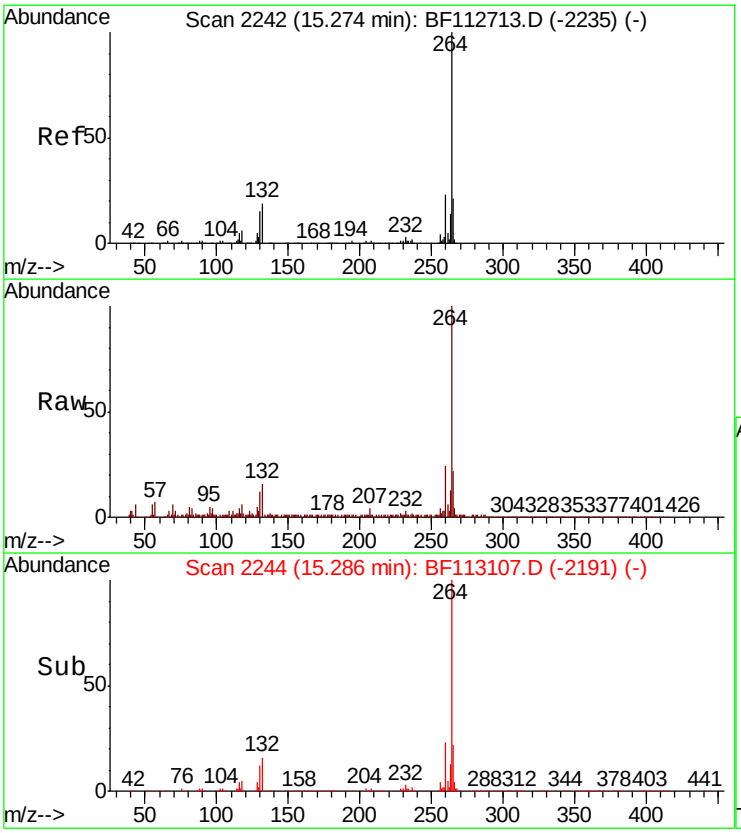
#86
Indeno(1,2,3-cd)pyrene
Concen: 7.954 ng
RT: 16.65 min Scan# 2476
Delta R.T. 0.01 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Instrument :
BNA_F
ClientSampleId :
SB-16(0.5-1.5)

Tgt Ion:276 Resp: 217702

Ion	Ratio	Lower	Upper
276	100		
138	18.1	23.2	34.8#
277	23.5	19.9	29.9

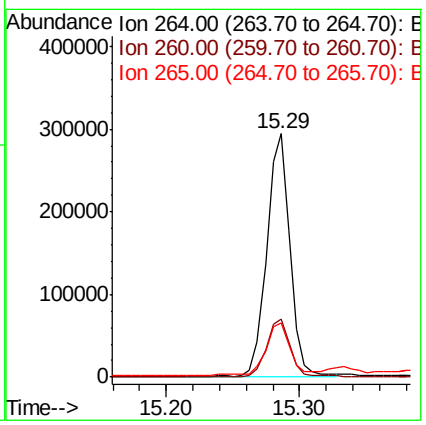


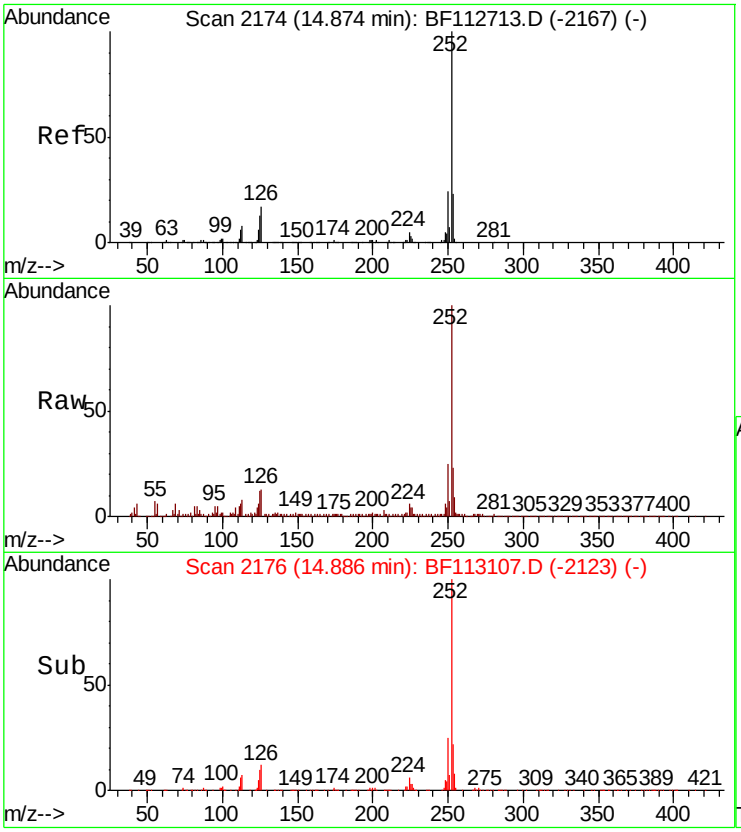


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Tgt Ion:264 Resp: 354323

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.2	17.2	25.8



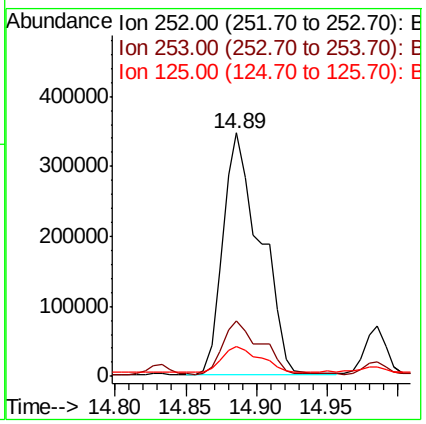


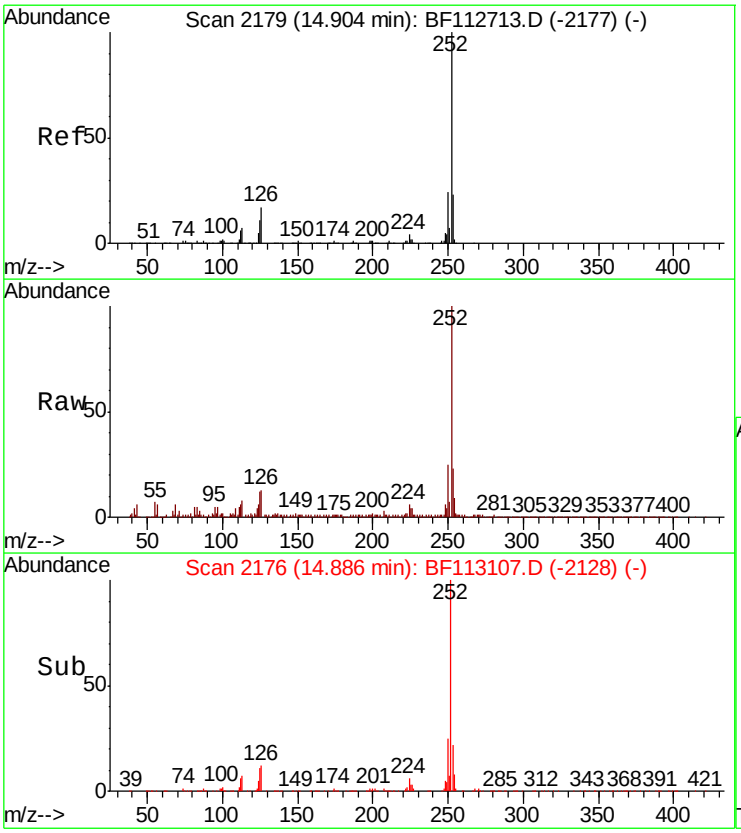
#88
Benzo(b)fluoranthene
Concen: 27.998 ng
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Instrument :
BNA_F
ClientSampleId :
SB-16(0.5-1.5)

Tgt Ion:252 Resp: 641669

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	12.4	10.2	15.2

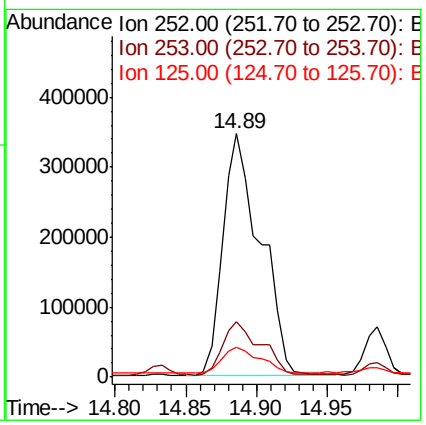


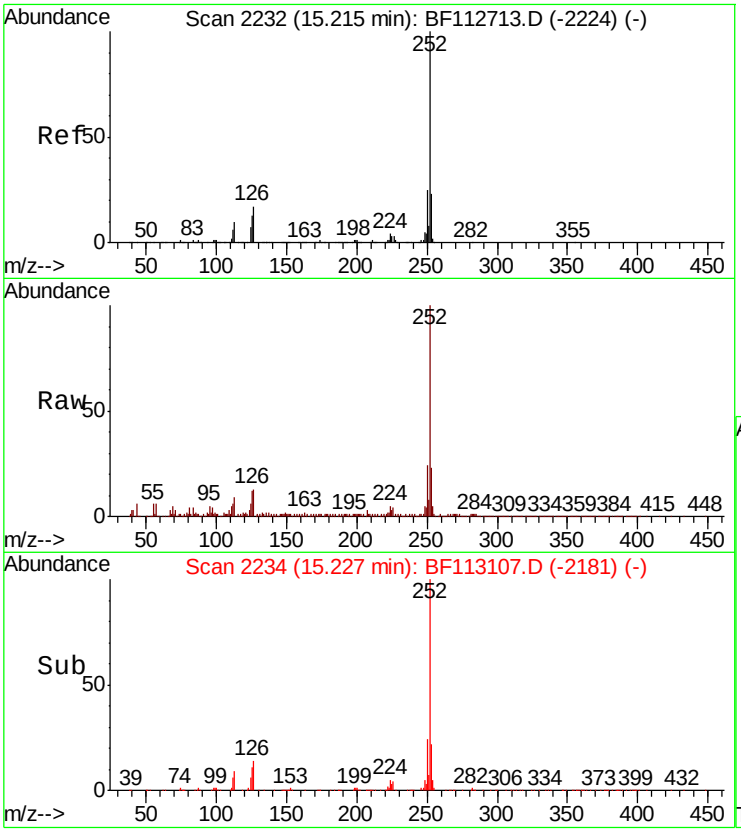


#89
Benzo(k)fluoranthene
Concen: 30.909 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Tgt Ion:252 Resp: 641669

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	12.4	9.8	14.6



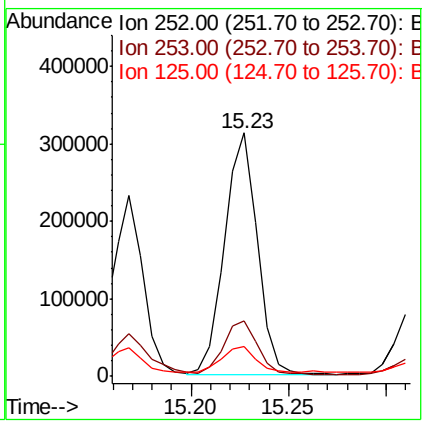


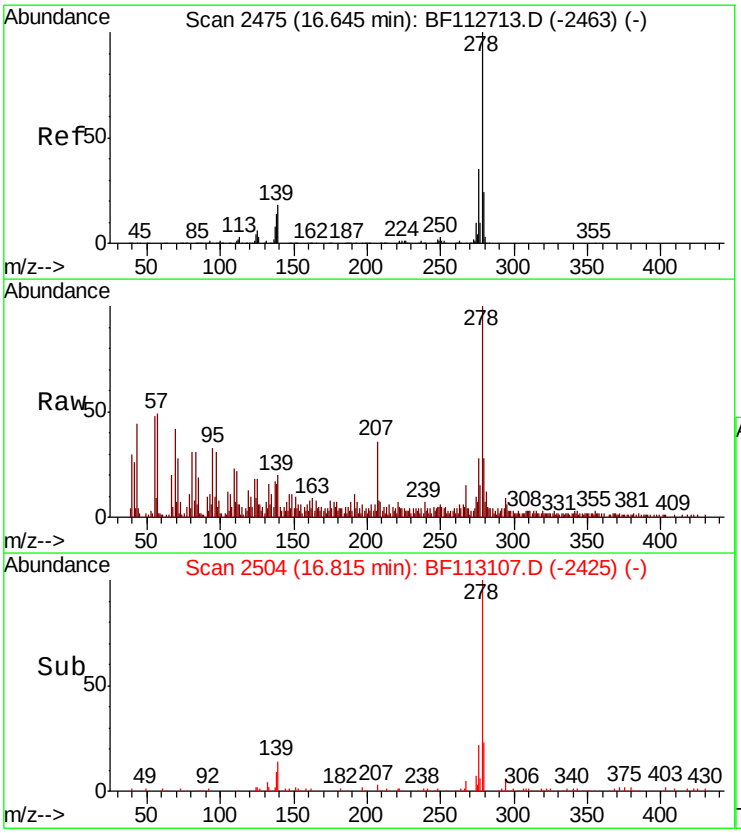
#90
Benzo(a)pyrene
Concen: 17.953 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Instrument :
BNA_F
ClientSampleId :
SB-16(0.5-1.5)

Tgt Ion:252 Resp: 363946

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	12.0	10.7	16.1

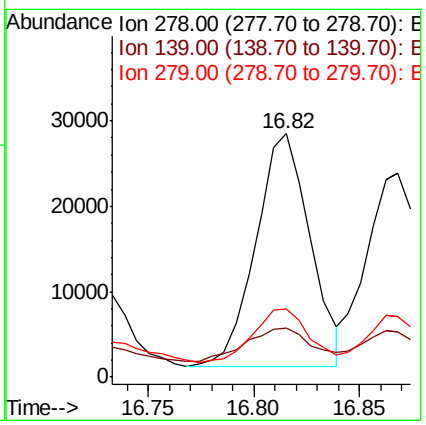


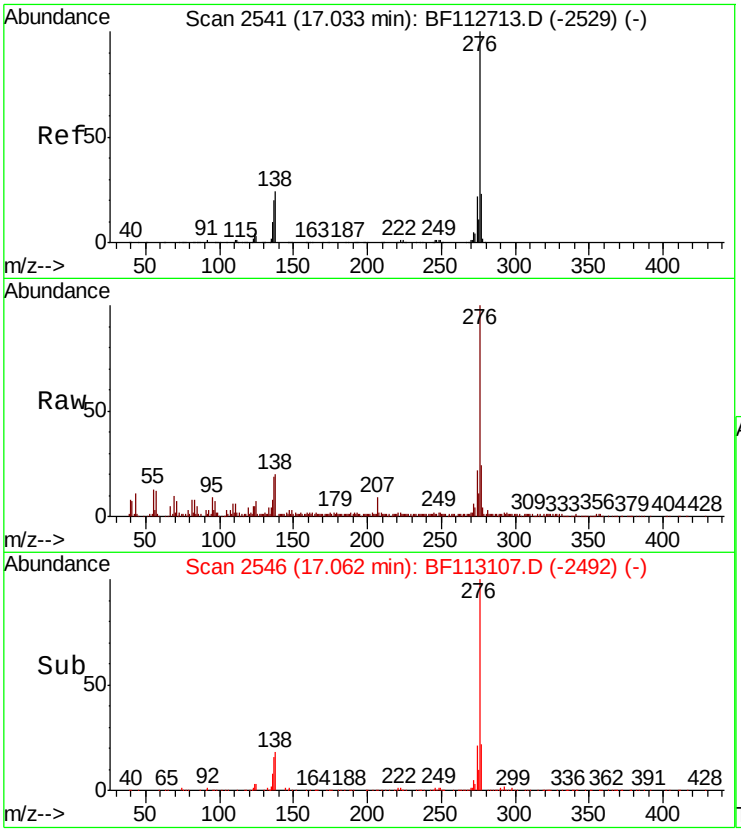


#91
Dibenzo(a,h)anthracene
Concen: 2.819 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.16 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Tgt Ion:278 Resp: 48768

Ion	Ratio	Lower	Upper
278	100		
139	20.1	14.3	21.5
279	28.1	19.4	29.0





#92
Benzo(g,h,i)perylene
Concen: 12.275 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.02 min
Lab File: BF113107.D
Acq: 18 Mar 2019 22:56

Instrument :
BNA_F
ClientSampleId :
SB-16(0.5-1.5)

Tgt Ion:276 Resp: 213208

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	27.8
138	19.6	19.4	29.0