Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113138.D
Acq On : 19 Mar 2019 21:08
Operator : JU/SJ
Sample : K1693-11 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-031819-B

Quant Time: Mar 20 01:49:26 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	6.72	152	123572	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	486686	20.00	ng		-0.01
39) Acenaphthene-d10	9.76	164	232020	20.00	ng		-0.01
64) Phenanthrene-d10	11.23	188	415887	20.00	ng		-0.01
76) Chrysene-d12	13.86	240	295380	20.00	ng		0.00
87) Perylene-d12	15.27	264	258901	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	195543	24.62	ng		-0.01
7) Phenol-d6	6.36	99	220652	22.11	ng		-0.01
23) Nitrobenzene-d5	7.28	82	125797	15.47	ng		-0.02
42) 2,4,6-Tribromophenol	10.54	330	63210	25.66	ng		-0.01
45) 2-Fluorobiphenyl	9.08	172	273771	15.00	ng		-0.01
79) Terphenyl-d14	12.81	244	234958	15.42	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	16714	2.645	ng	#	74
25) Isophorone	7.28	82	125795	7.179	ng	#	66
51) 2,6-Dinitrotoluene	9.76	165	30288	8.502	ng	#	18
57) 2,4-Dinitrotoluene	9.76	165	30288	6.840	ng	#	18
58) Fluorene	10.30	166	30622	2.023	ng		93
71) Phenanthrene	11.26	178	274370	13.260	ng		97
72) Anthracene	11.31	178	72521	3.348	ng		99
75) Fluoranthene	12.45	202	373735	16.858	ng		94
78) Pyrene	12.67	202	341168	13.701	ng		99
81) Benzo(a)anthracene	13.85	228	135968	6.642	ng		99
83) Chrysene	13.89	228	121519	6.060	ng		95
86) Indeno(1,2,3-cd)pyrene	16.63	276	49079	2.871	ng	#	89
88) Benzo(b)fluoranthene	14.87	252	177838	10.619	ng		97
89) Benzo(k)fluoranthene	14.87	252	177838	11.724	ng		96
90) Benzo(a)pyrene	15.22	252	95737	6.463	ng		98
92) Benzo(g,h,i)perylene	17.04	276	42267	3.330	ng	#	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
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Operator : JU/SJ
Sample : K1693-11 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-B

Quant Time: Mar 20 01:49:26 2019
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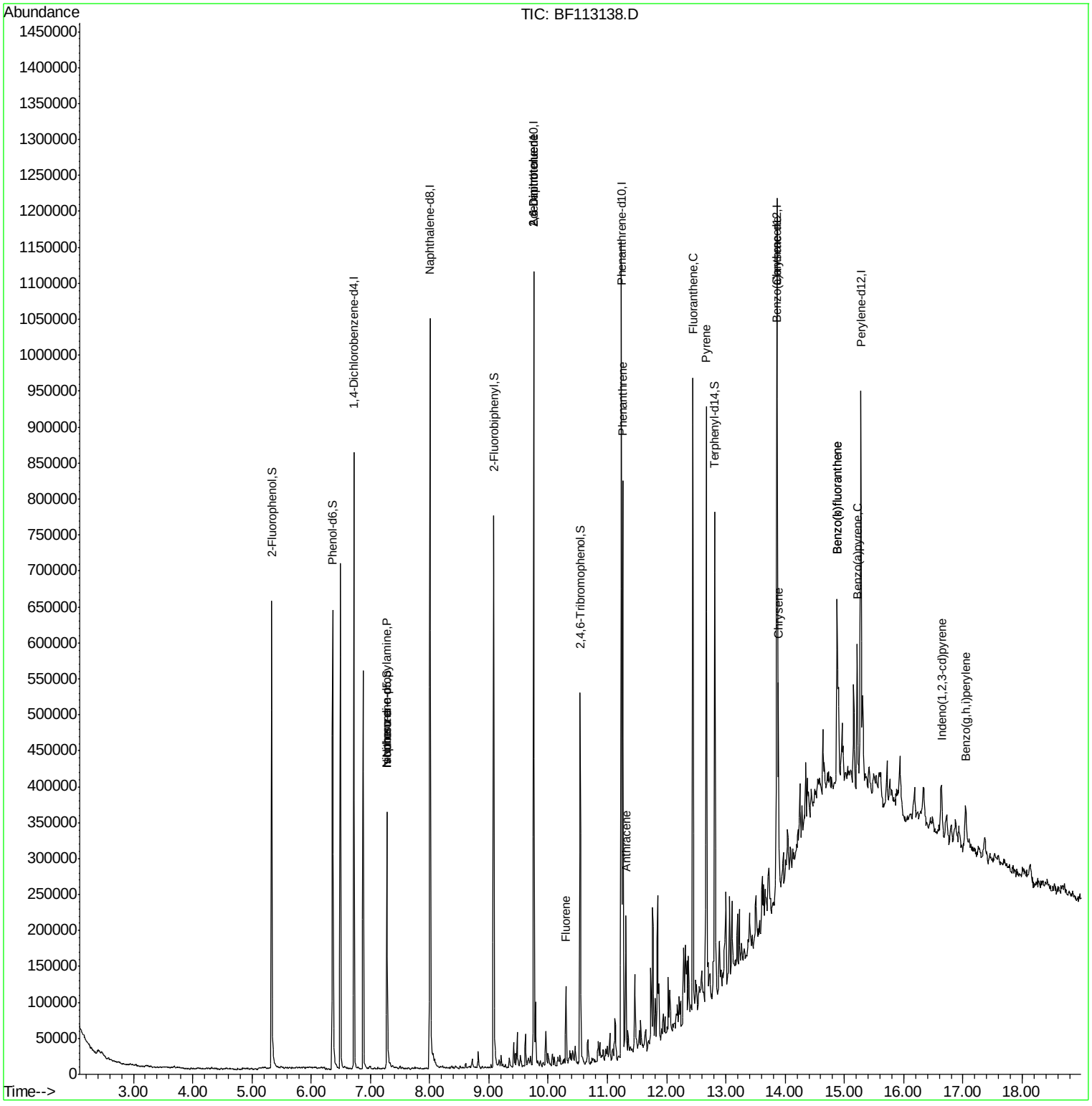
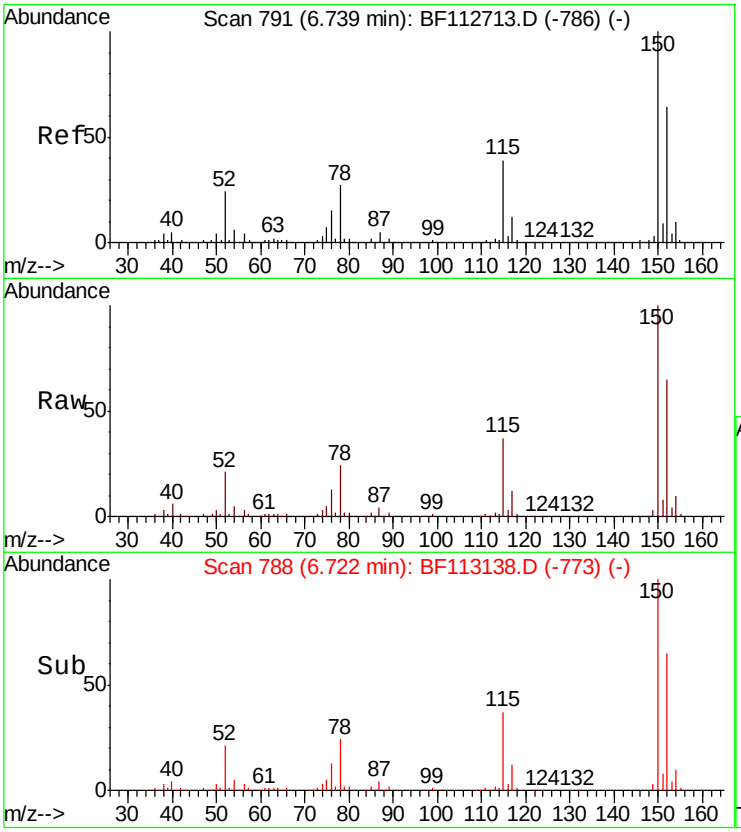
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration



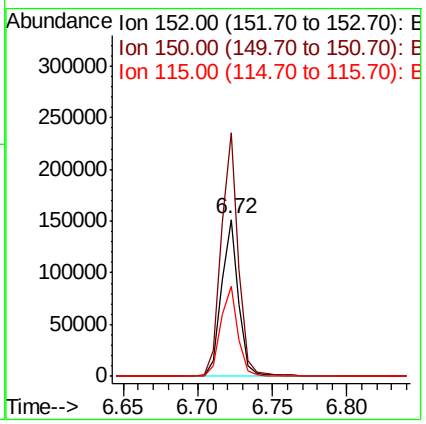


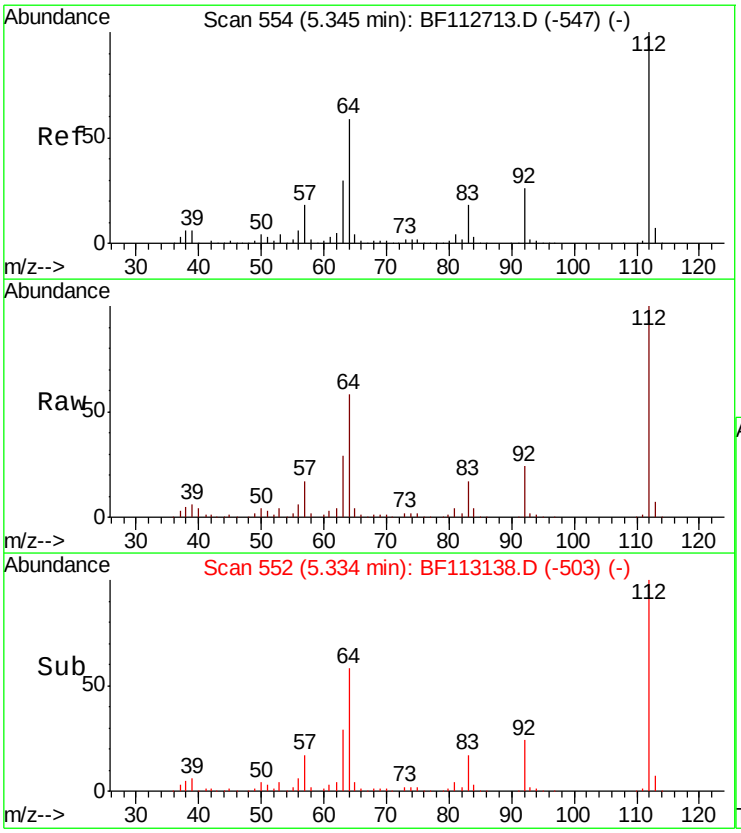
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-B

Tgt Ion:152 Resp: 123572

Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.2	186.2
115	57.2	48.2	72.4

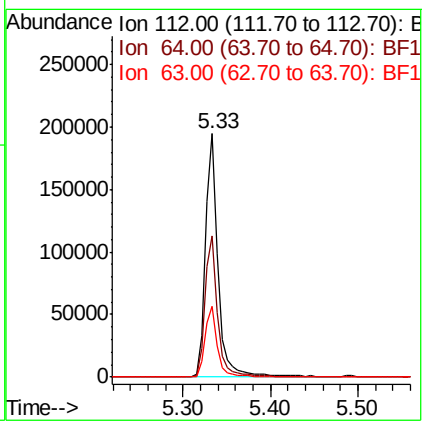


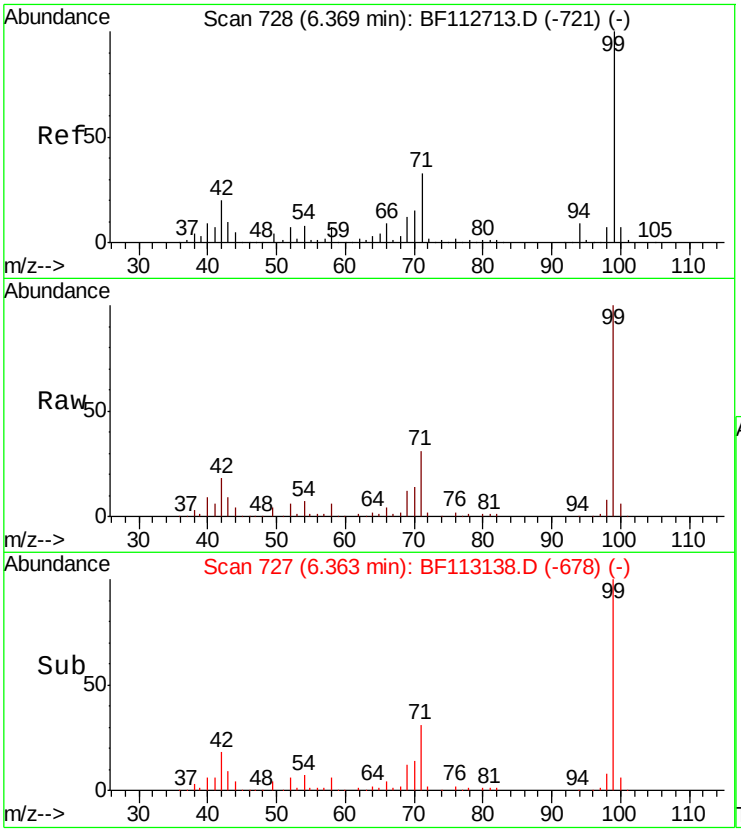


#5
2-Fluorophenol
Concen: 24.615 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Tgt Ion:112 Resp: 195543

Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.6	71.4
63	29.1	24.4	36.6



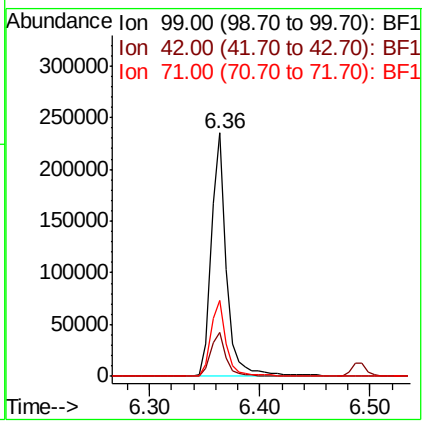


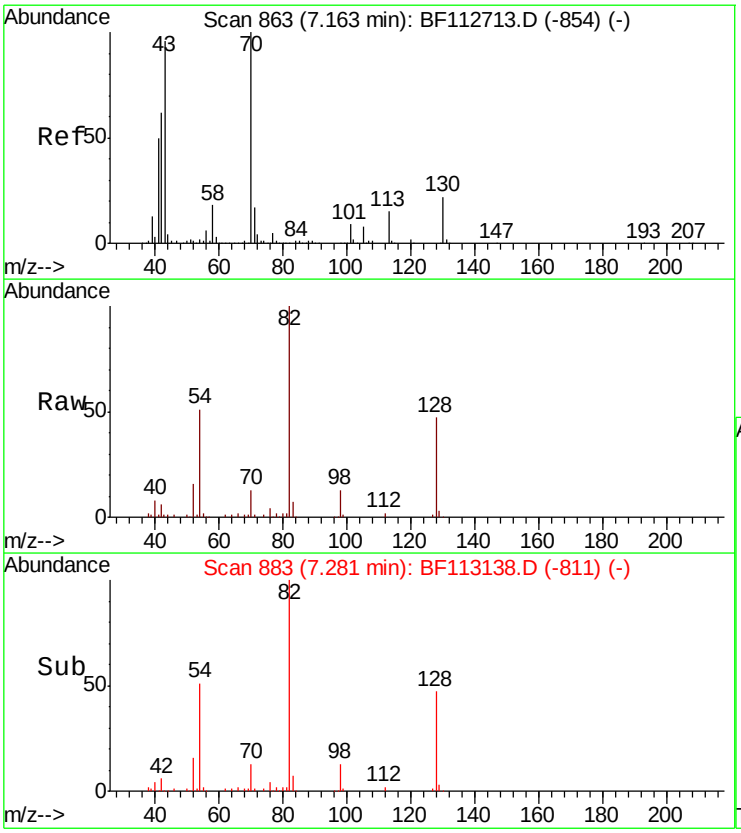
#7
Phenol-d6
Concen: 22.112 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-B

Tgt Ion: 99 Resp: 220652

Ion	Ratio	Lower	Upper
99	100		
42	18.3	16.3	24.5
71	31.0	26.2	39.4

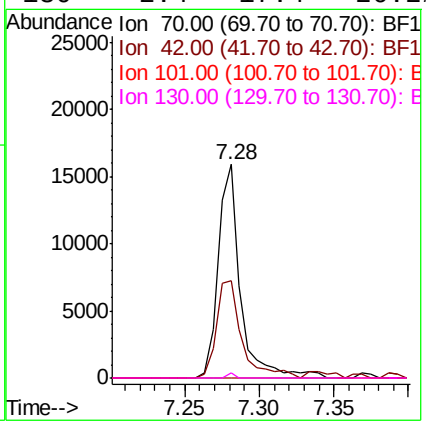


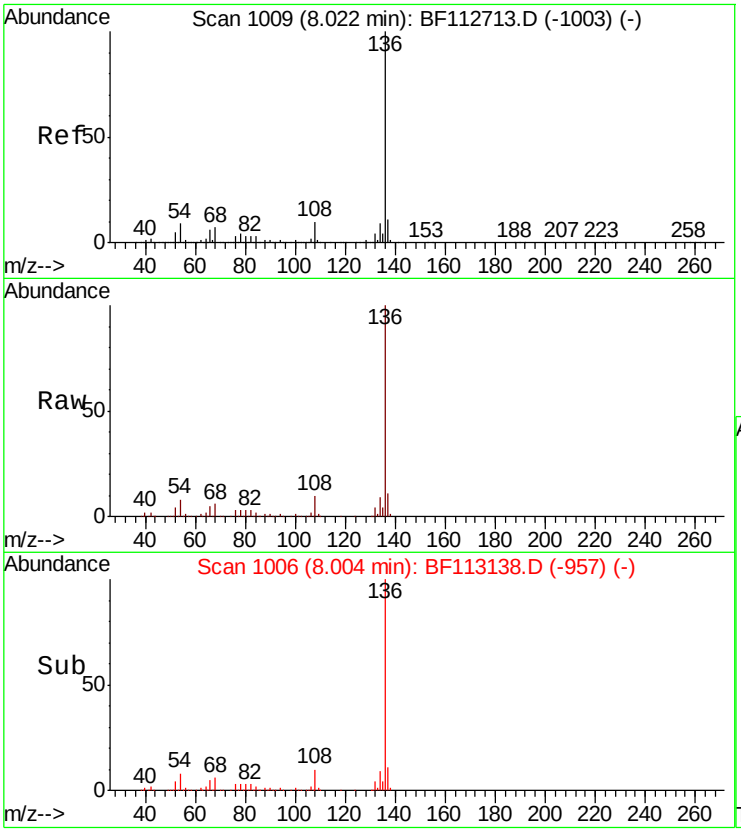


#19
n-Nitroso-di-n-propylamine
Concen: 2.645 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.12 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Tgt Ion: 70 Resp: 16714

Ion	Ratio	Lower	Upper
70	100		
42	45.8	49.9	74.9#
101	0.0	7.4	11.2#
130	2.4	17.4	26.2#



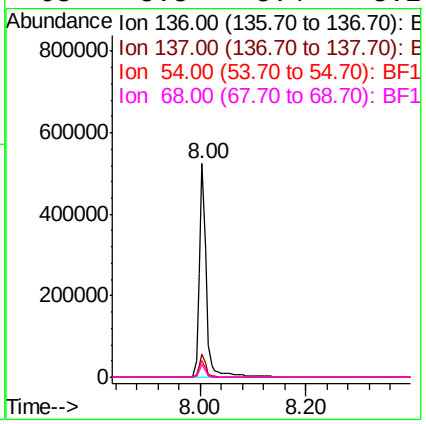


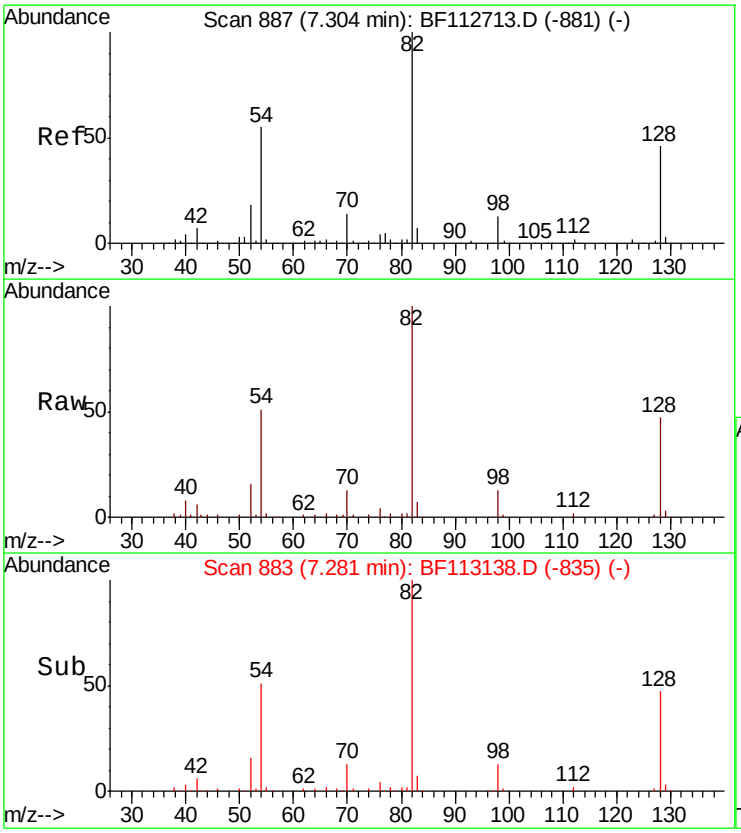
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-B

Tgt Ion:136 Resp: 486686

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.1	7.3	10.9
68	5.8	5.4	8.2

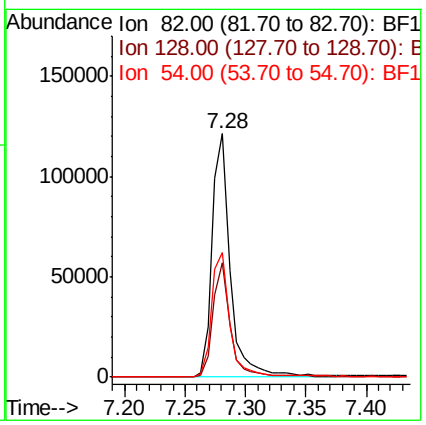


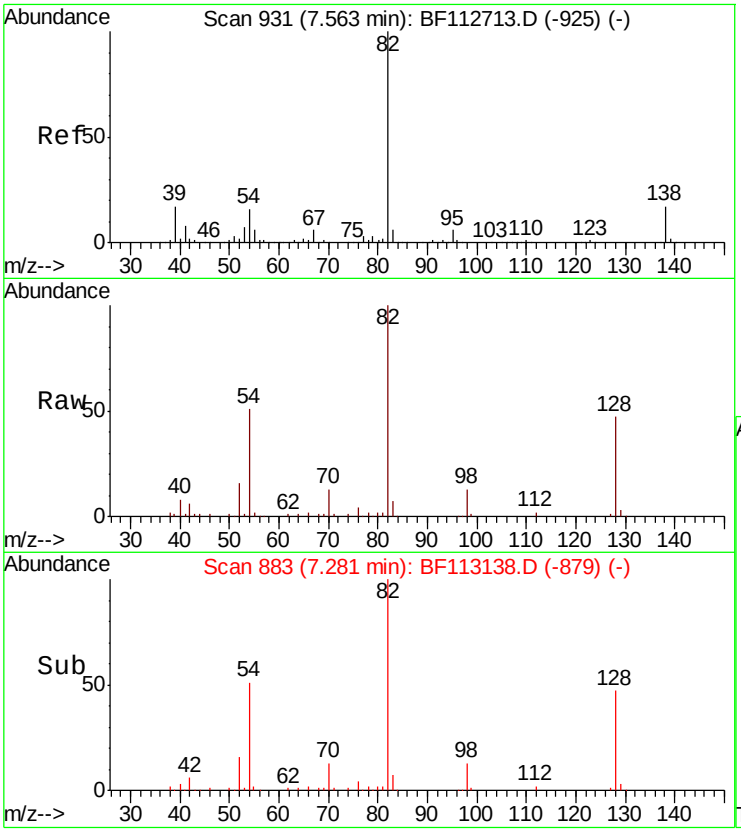


#23
Nitrobenzene-d5
Concen: 15.467 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Tgt Ion: 82 Resp: 125797

Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.3	54.5
54	51.4	43.7	65.5



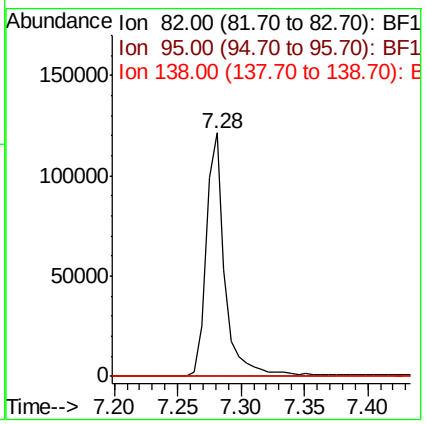


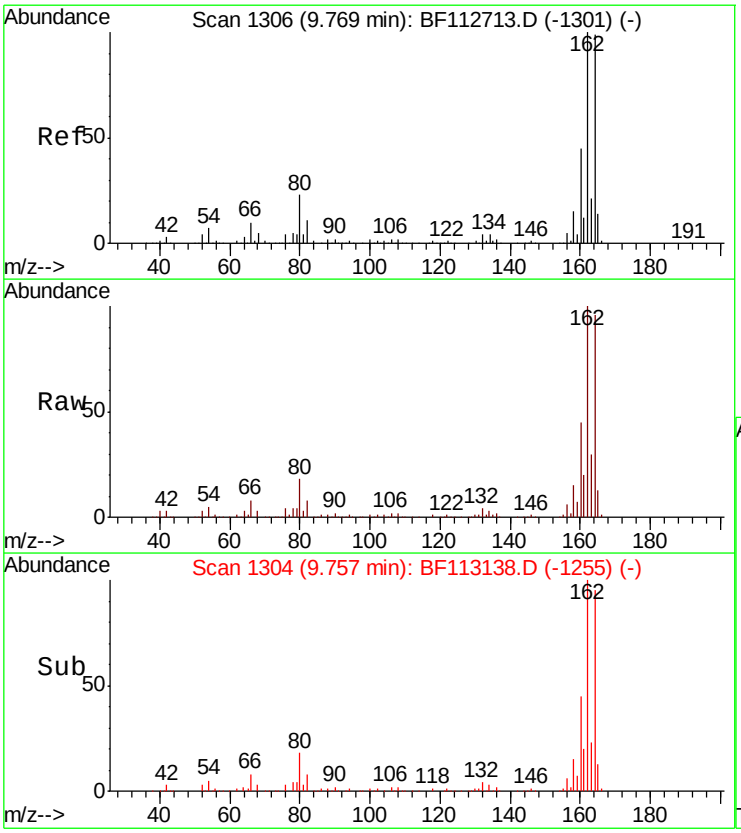
#25
Isophorone
Concen: 7.179 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.28 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-B

Tgt Ion: 82 Resp: 125795

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

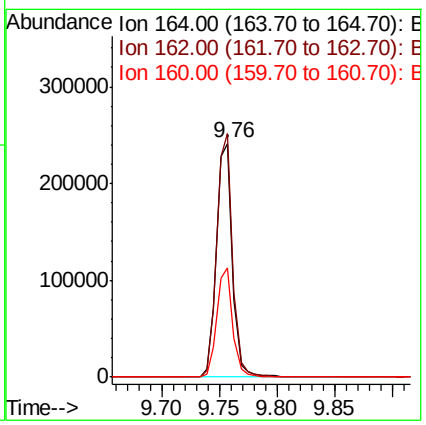


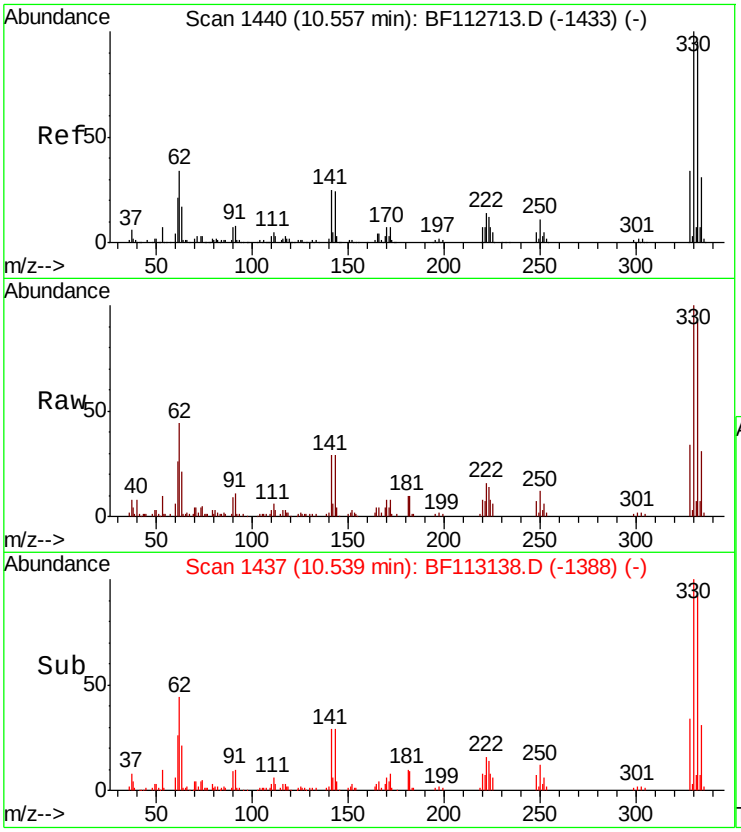


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Tgt Ion:164 Resp: 232020

Ion	Ratio	Lower	Upper
164	100		
162	104.3	80.6	120.8
160	46.7	36.0	54.0



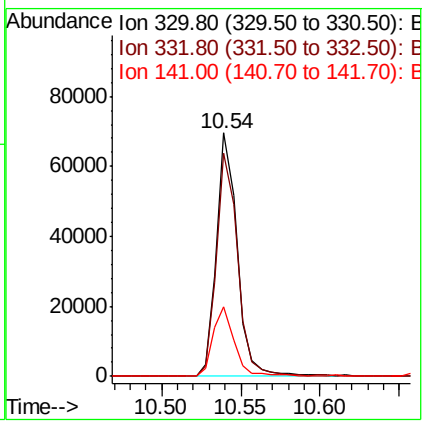


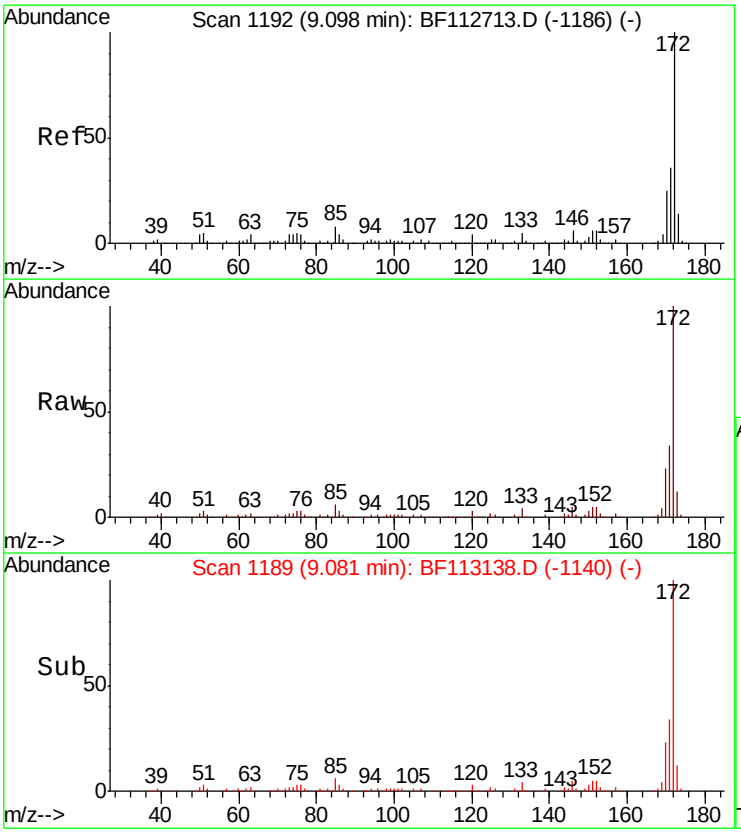
#42
2,4,6-Tribromophenol
Concen: 25.662 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-B

Tgt Ion:330 Resp: 63210

Ion	Ratio	Lower	Upper
330	100		
332	93.7	76.2	114.4
141	29.5	27.0	40.6

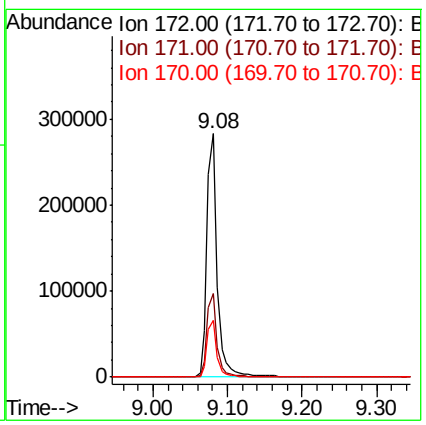


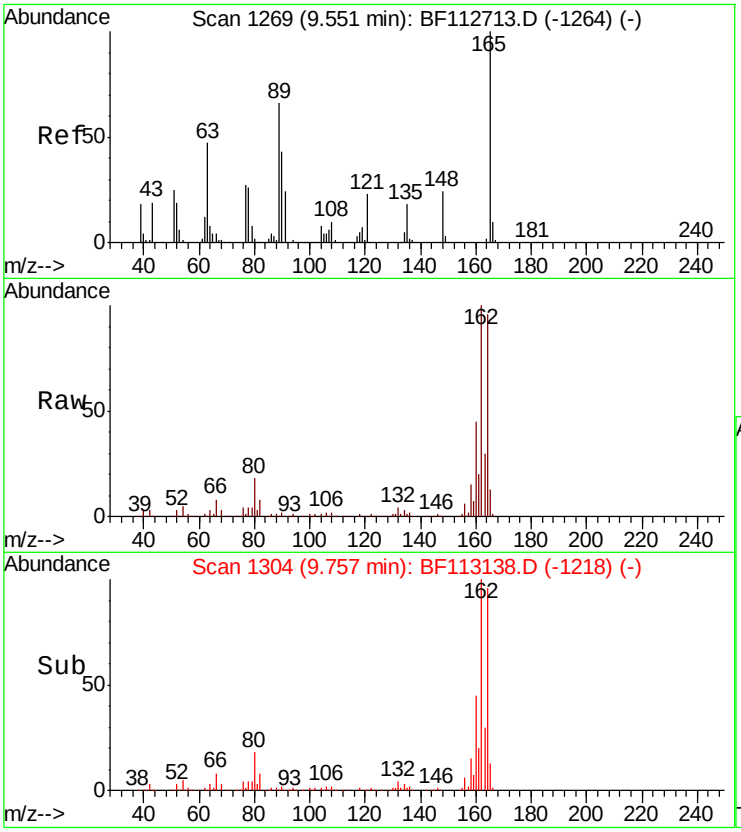


#45
2-Fluorobiphenyl
Concen: 15.004 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Tgt Ion:172 Resp: 273771

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.0	43.4
170	23.1	20.0	30.0



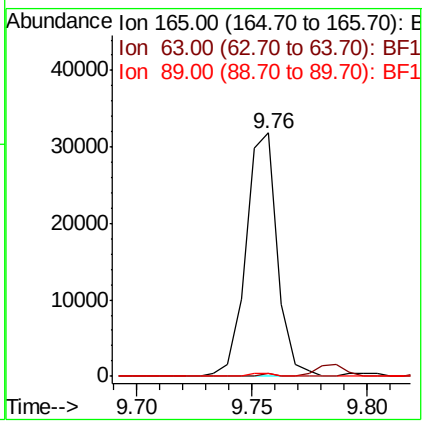


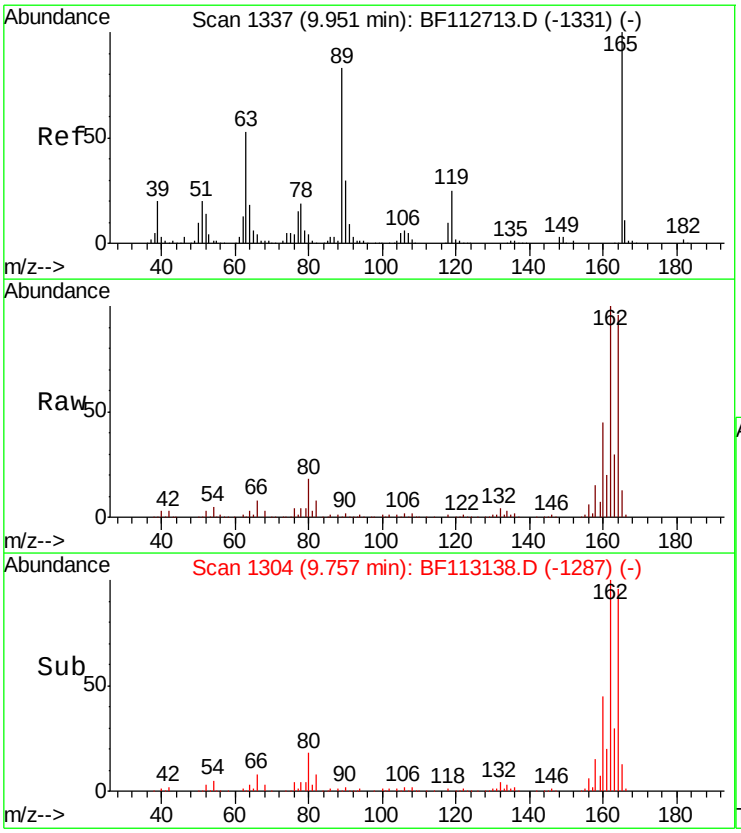
#51
2,6-Dinitrotoluene
Concen: 8.502 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-B

Tgt Ion:165 Resp: 30288

Ion	Ratio	Lower	Upper
165	100		
63	1.0	54.1	81.1#
89	1.5	52.8	79.2#

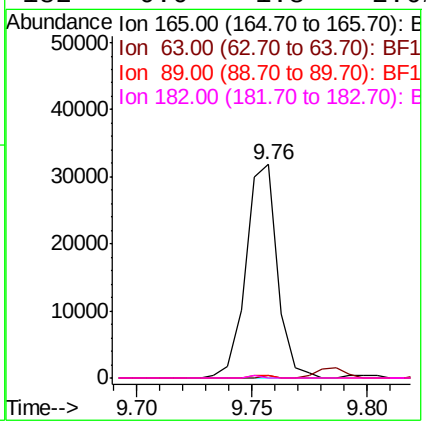


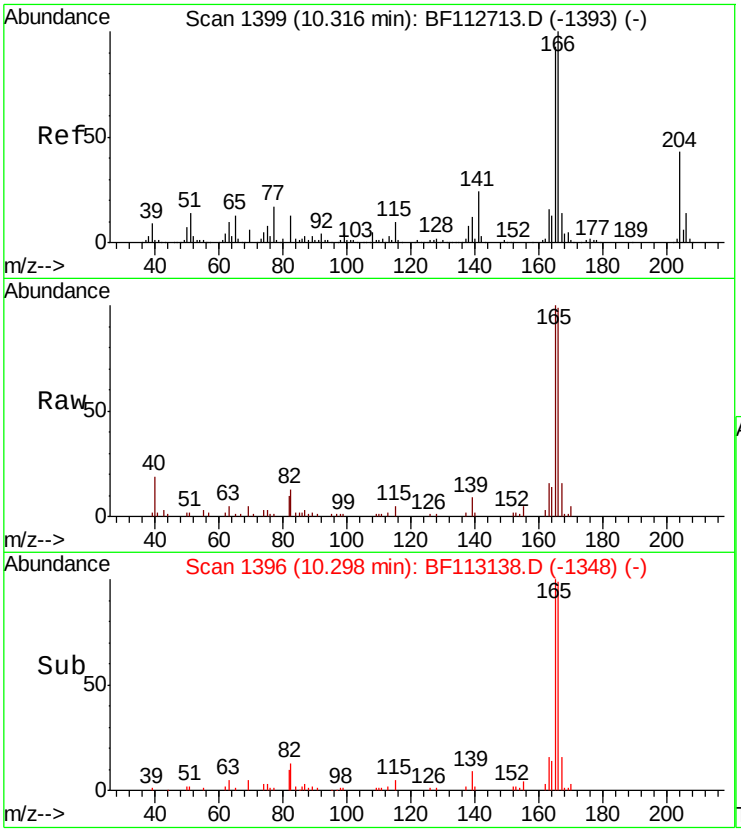


#57
2,4-Dinitrotoluene
Concen: 6.840 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Tgt Ion:165 Resp: 30288

Ion	Ratio	Lower	Upper
165	100		
63	1.0	42.2	63.2#
89	1.5	66.2	99.4#
182	0.0	1.8	2.6#



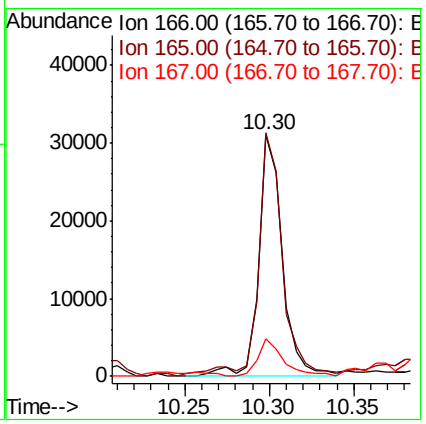


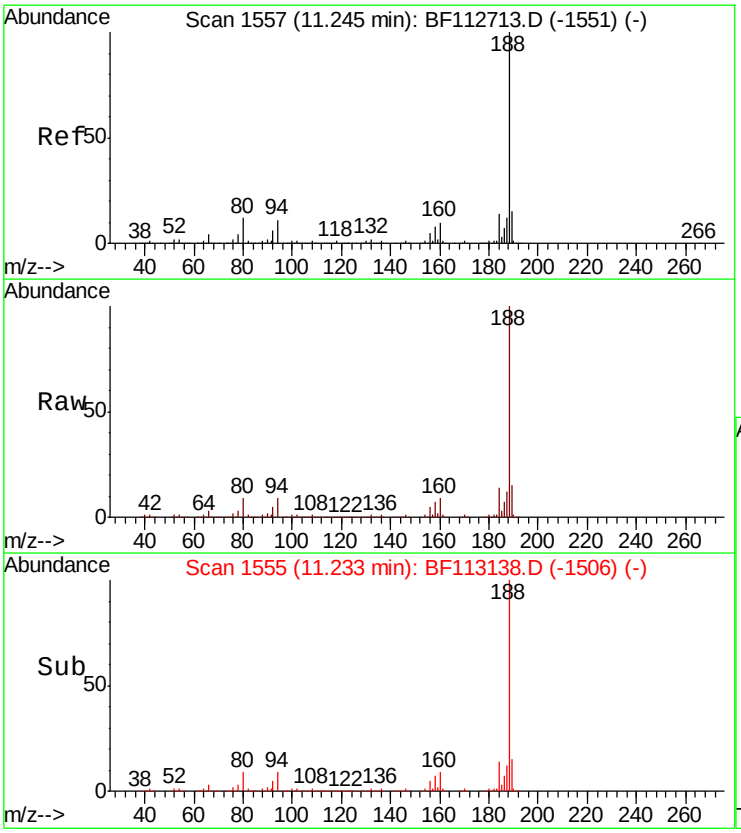
#58
Fluorene
Concen: 2.023 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-B

Tgt Ion:166 Resp: 30622

Ion	Ratio	Lower	Upper
166	100		
165	100.8	74.7	112.1
167	15.7	11.0	16.6

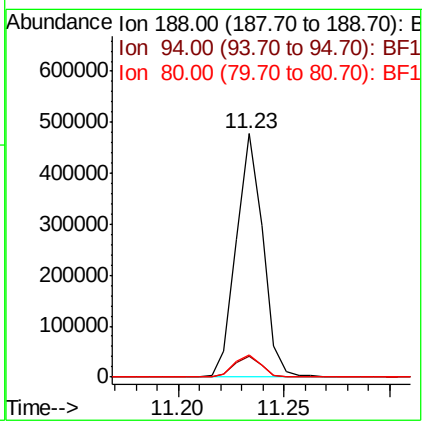


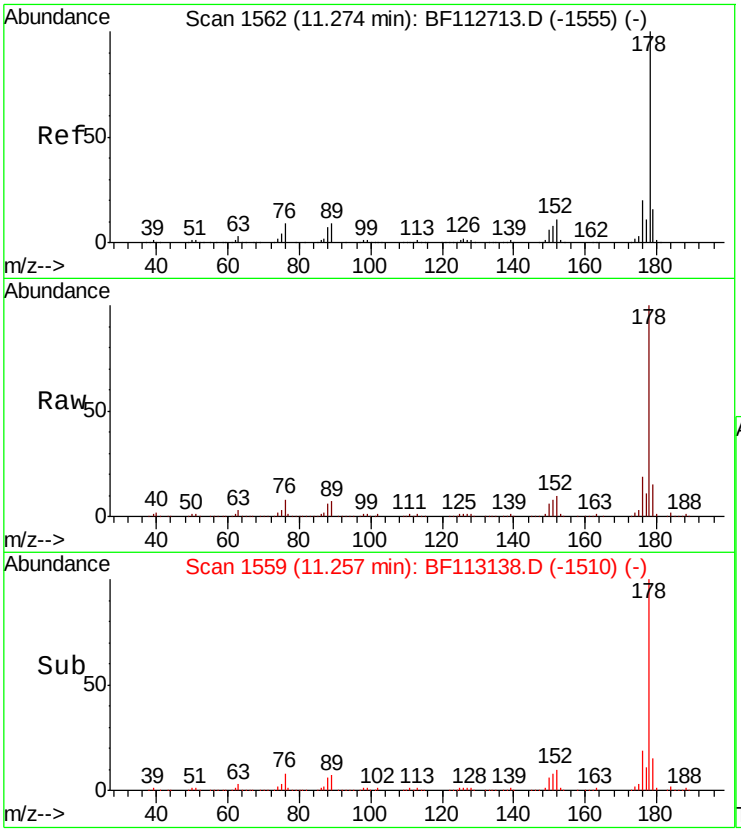


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Tgt Ion:188 Resp: 415887

Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.0	13.4#
80	9.2	9.2	13.8#



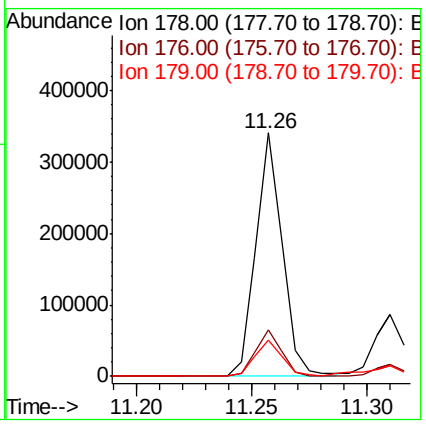


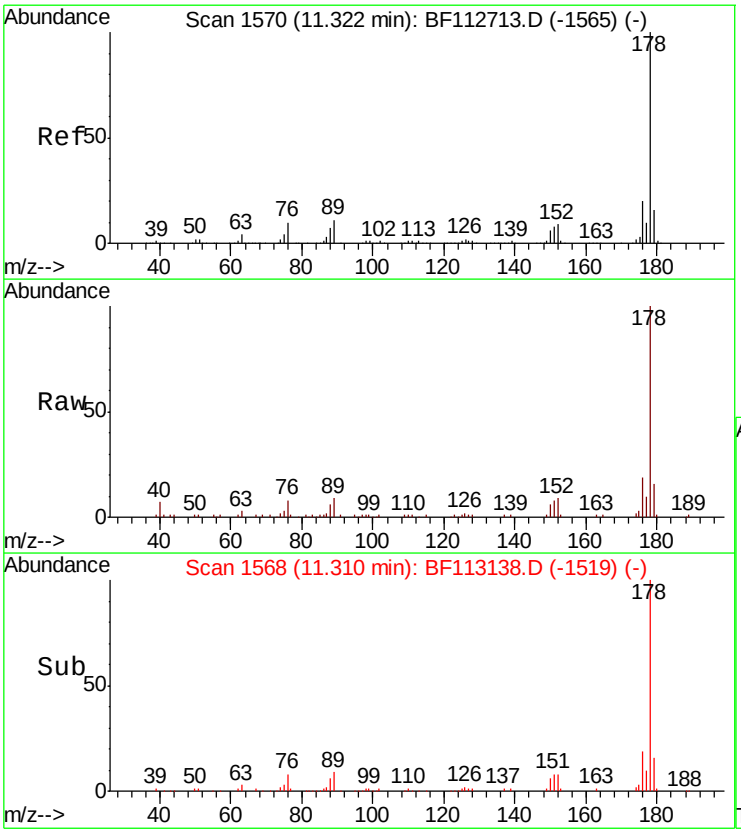
#71
Phenanthrene
Concen: 13.260 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-B

Tgt Ion:178 Resp: 274370

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.3	24.5
179	14.8	12.7	19.1

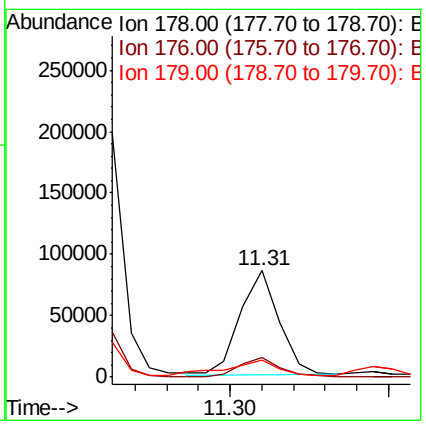


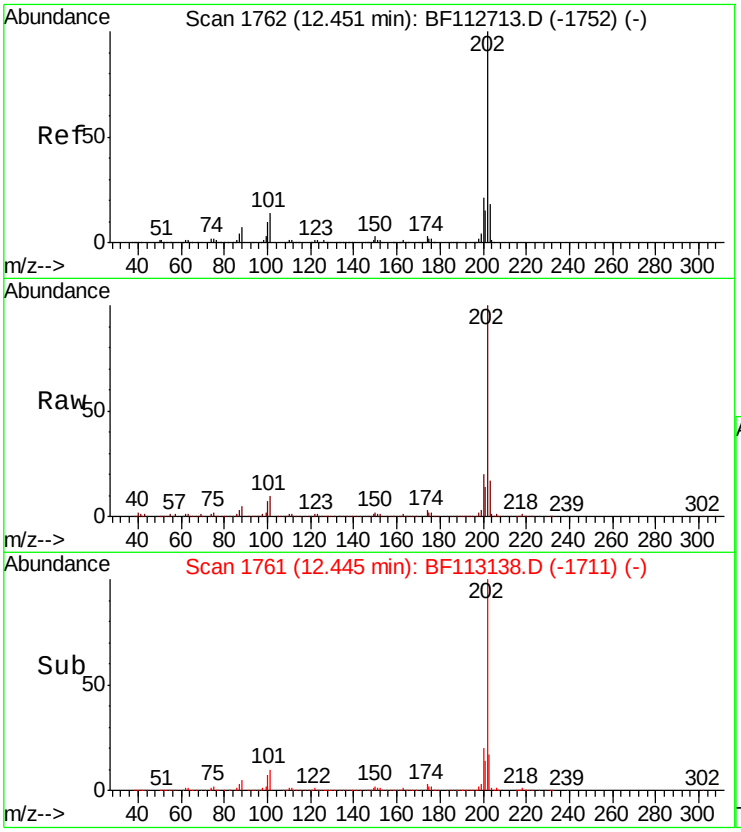


#72
Anthracene
Concen: 3.348 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Tgt Ion:178 Resp: 72521

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.6
179	16.3	13.0	19.6



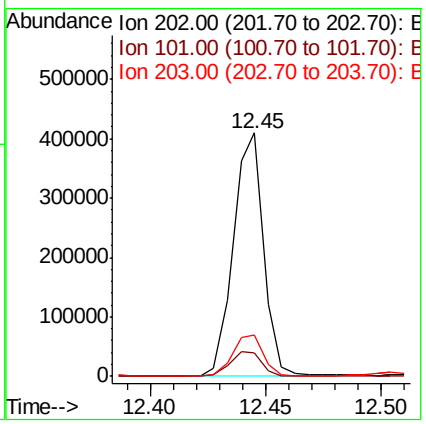


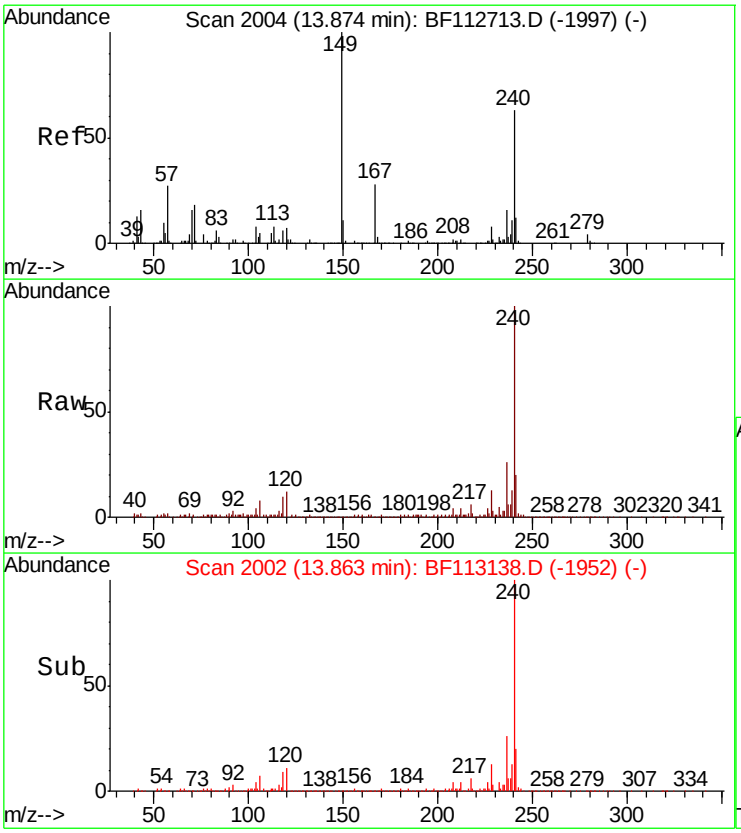
#75
Fluoranthene
Concen: 16.858 ng
RT: 12.45 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-B

Tgt Ion:202 Resp: 373735

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	33.8
203	17.2	0.0	38.4

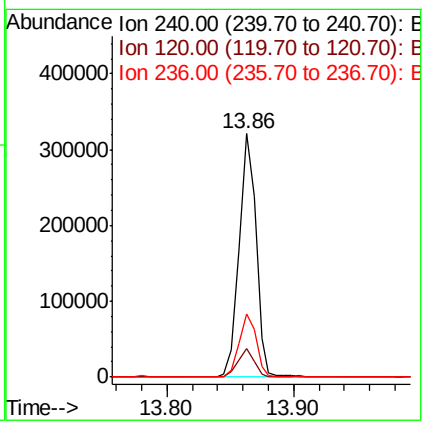


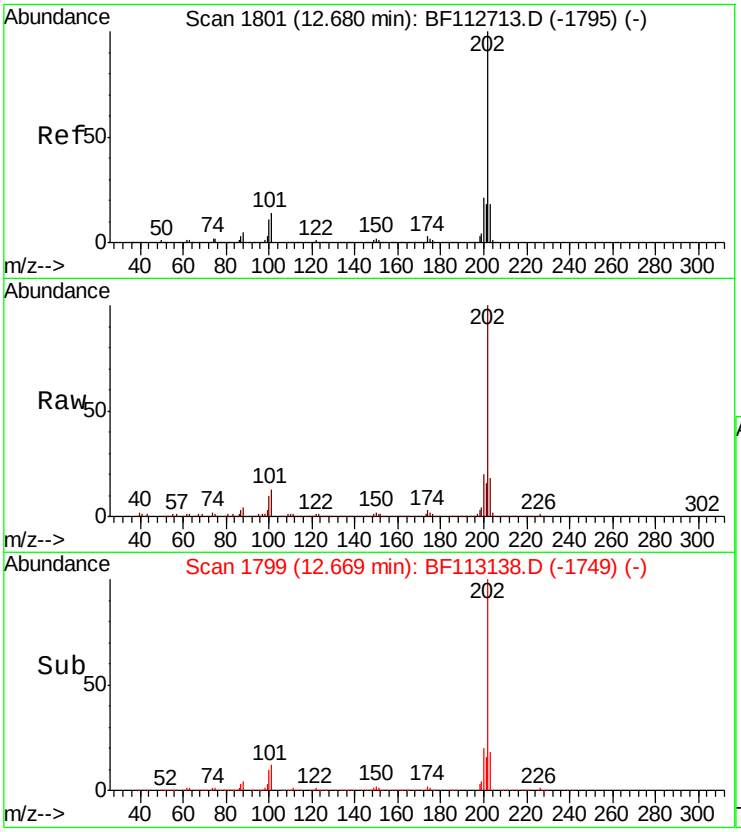


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Tgt Ion:240 Resp: 295380

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.9	13.3
236	26.1	20.7	31.1



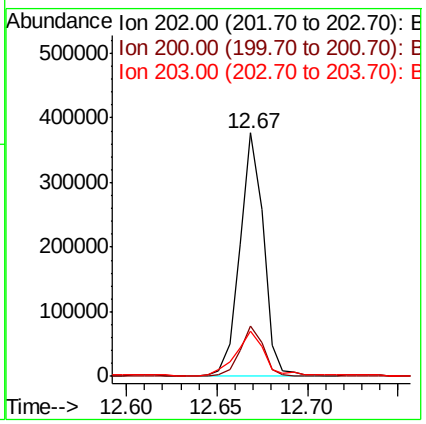


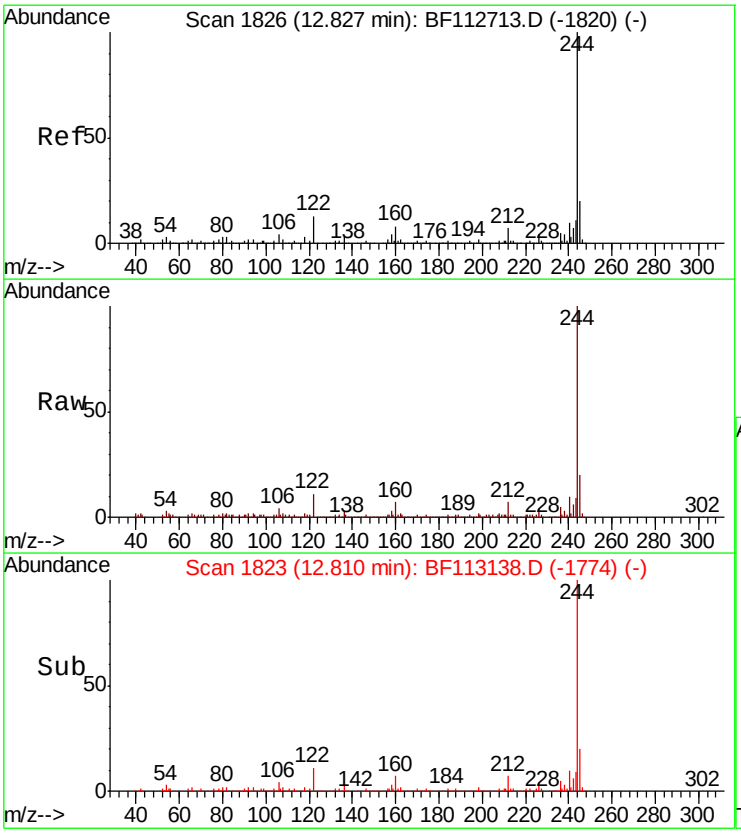
#78
Pyrene
Concen: 13.701 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-B

Tgt Ion:202 Resp: 341168

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.0	25.4
203	18.4	14.4	21.6

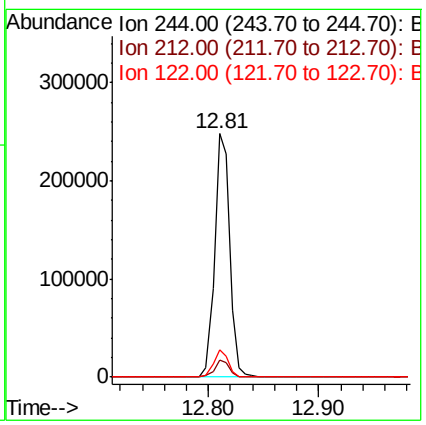


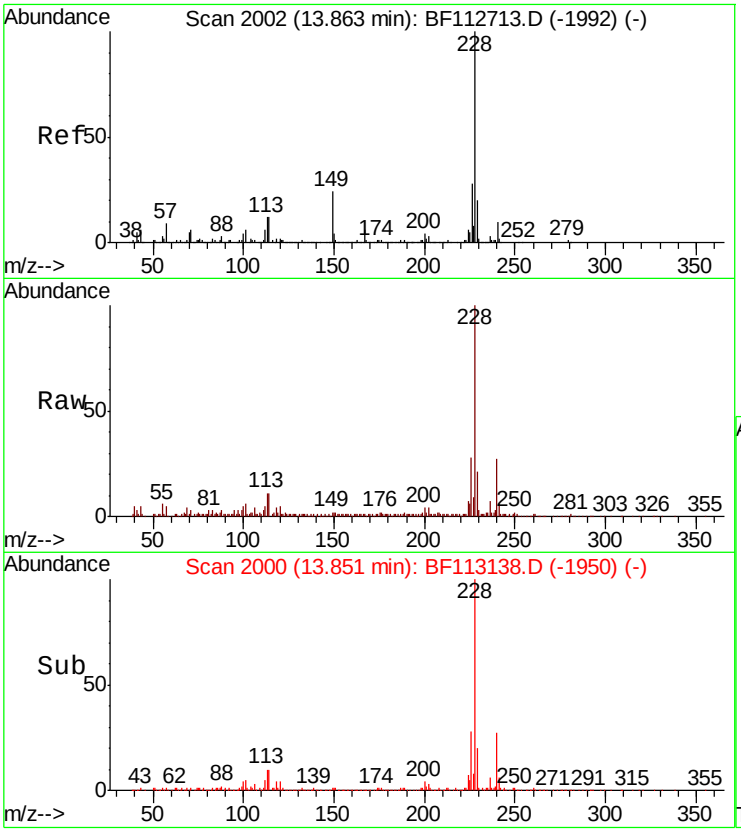


#79
Terphenyl-d14
Concen: 15.420 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Tgt Ion:244 Resp: 234958

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.0	10.5	15.7



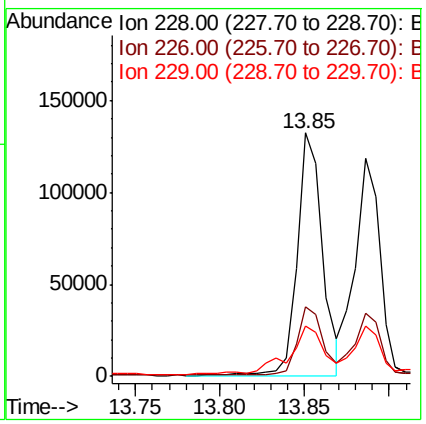


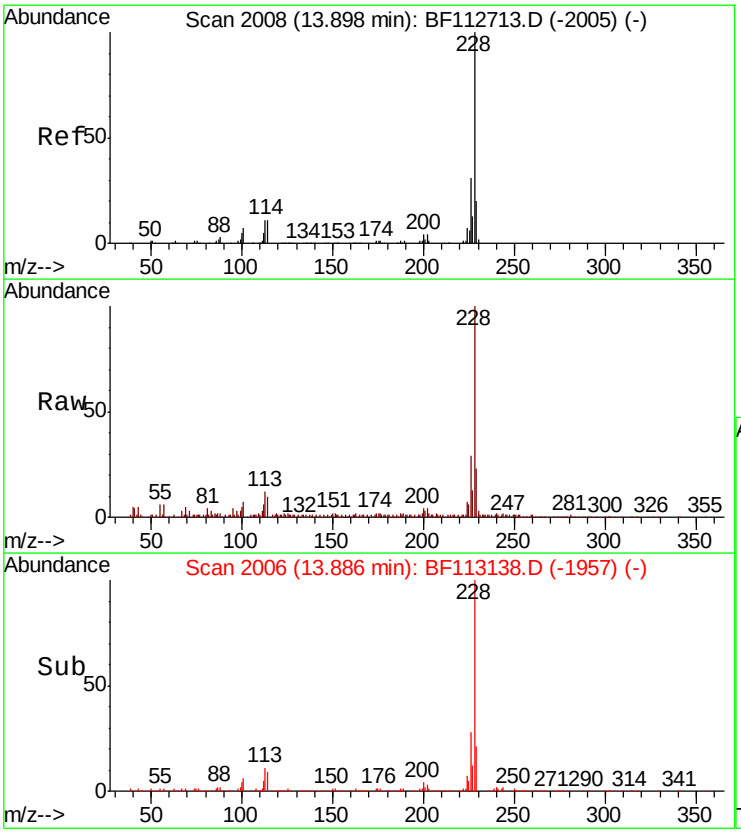
#81
Benzo(a)anthracene
Concen: 6.642 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-B

Tgt Ion:228 Resp: 135968

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.2	33.4
229	20.7	16.0	24.0

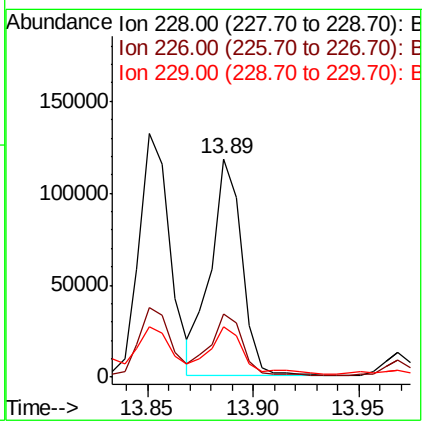


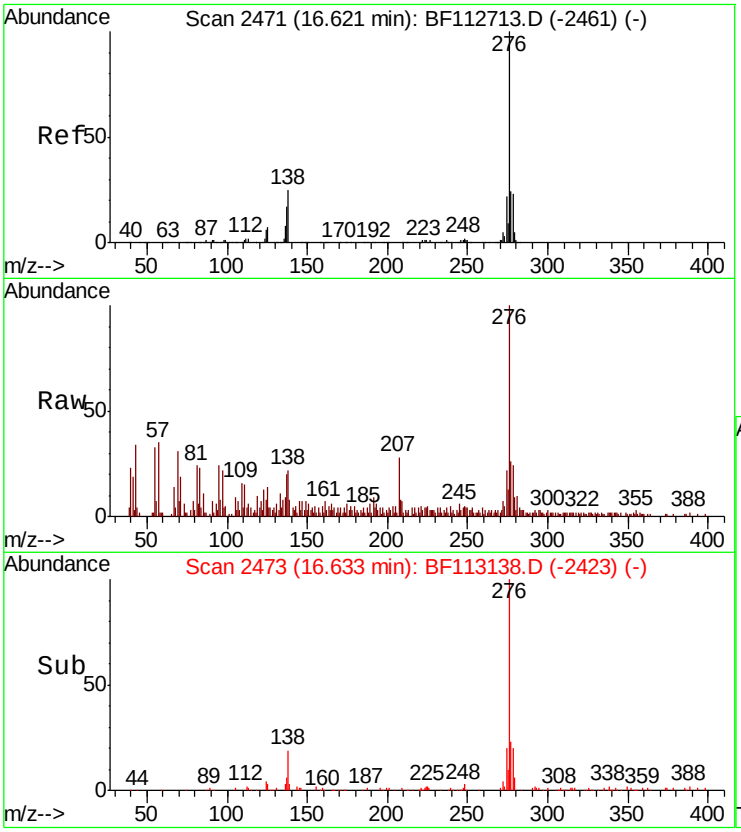


#83
Chrysene
Concen: 6.060 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Tgt Ion:228 Resp: 121519

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.9	37.3
229	23.2	16.3	24.5



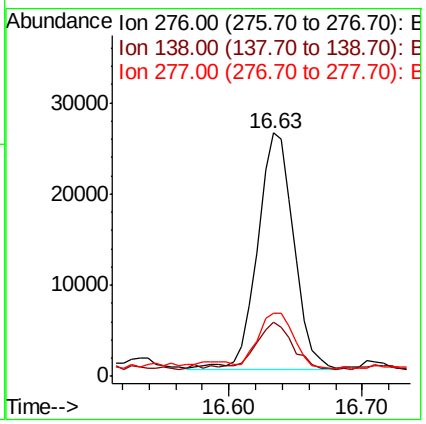


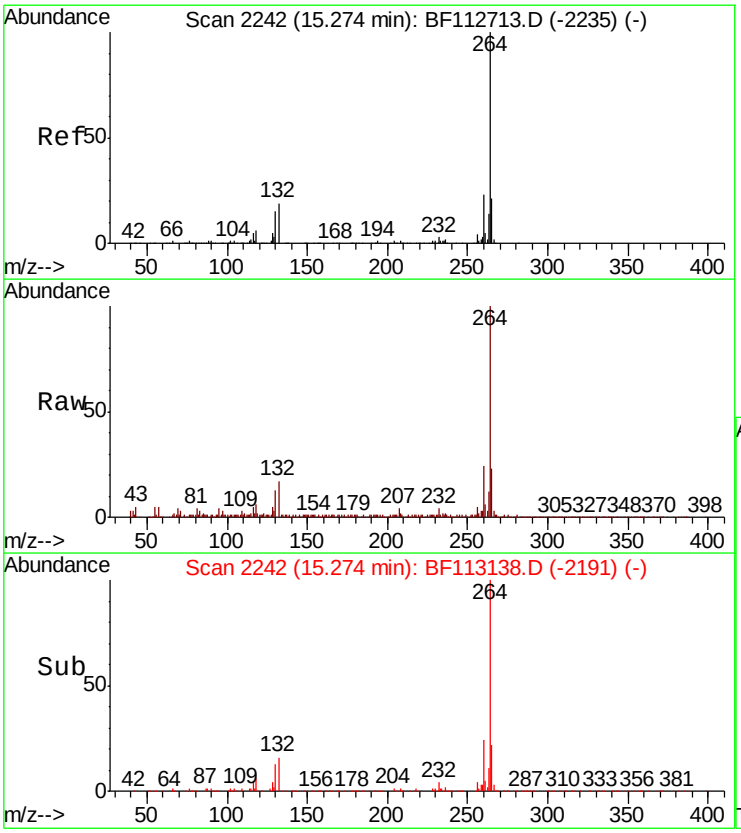
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.871 ng
RT: 16.63 min Scan# 2473
Delta R.T. -0.01 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-B

Tgt Ion:276 Resp: 49079

Ion	Ratio	Lower	Upper
276	100		
138	20.3	23.2	34.8#
277	22.7	19.9	29.9

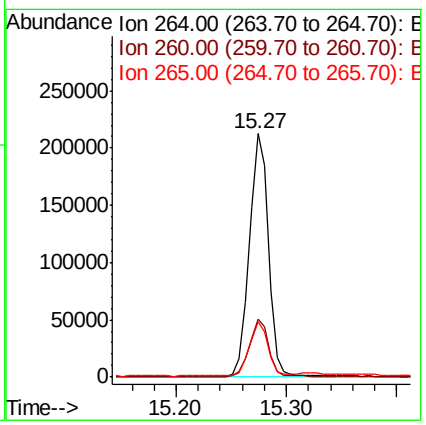


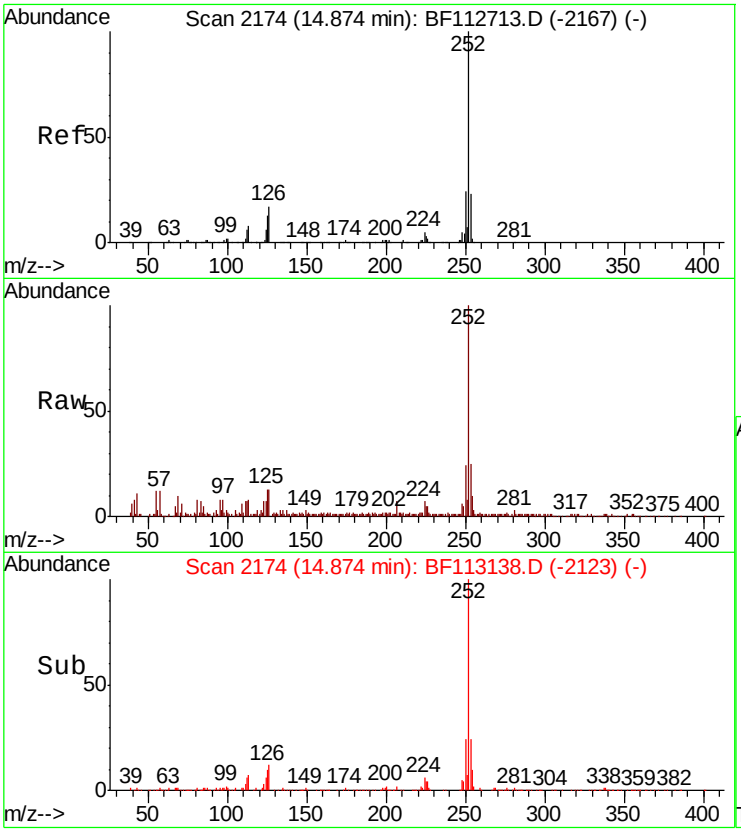


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Tgt Ion:264 Resp: 258901

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	22.7	17.2	25.8



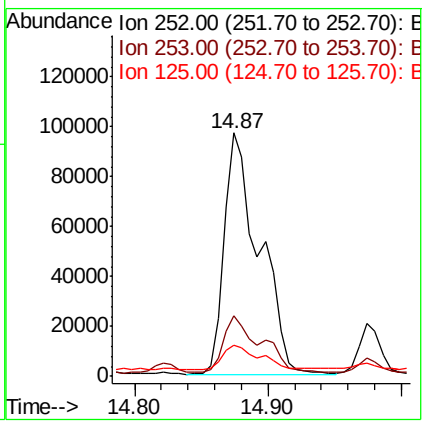


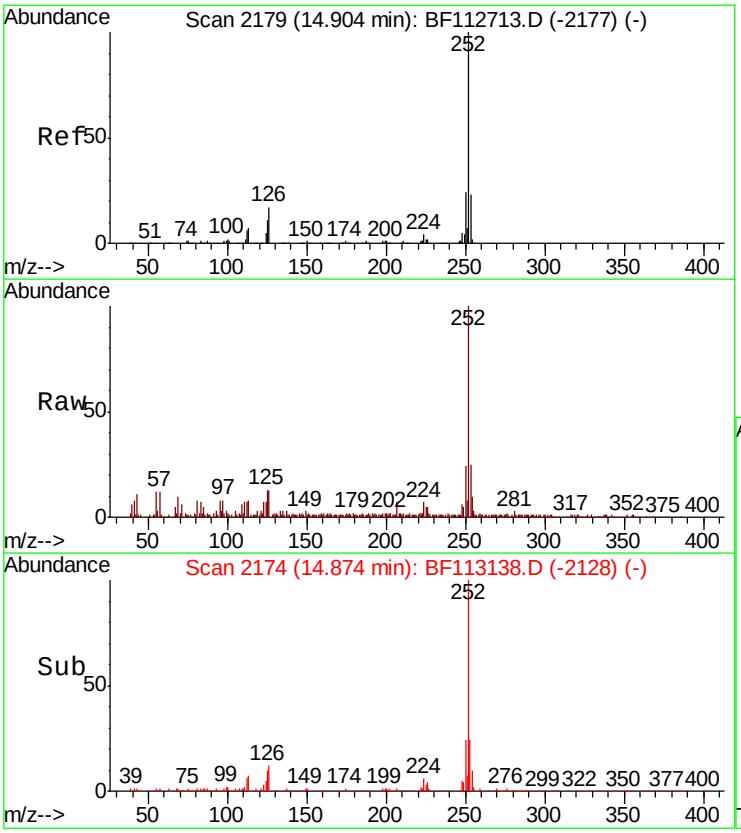
#88
Benzo(b)fluoranthene
Concen: 10.619 ng
RT: 14.87 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-B

Tgt Ion:252 Resp: 177838

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.0	27.0
125	12.8	10.2	15.2

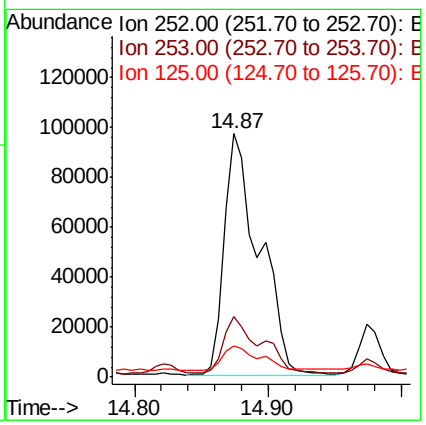


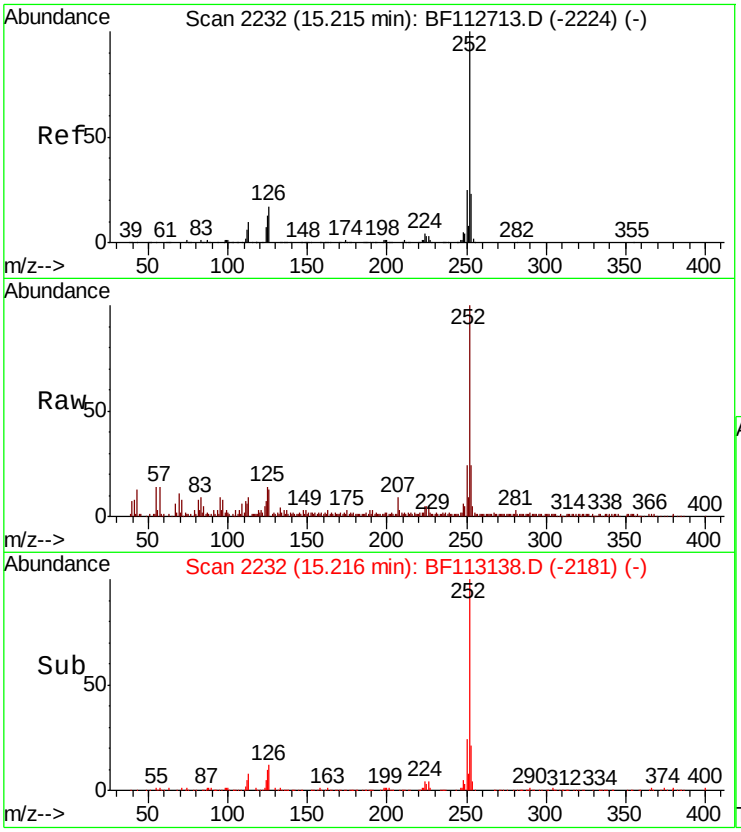


#89
Benzo(k)fluoranthene
Concen: 11.724 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.03 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Tgt Ion:252 Resp: 177838

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.2	27.2
125	12.8	9.8	14.6



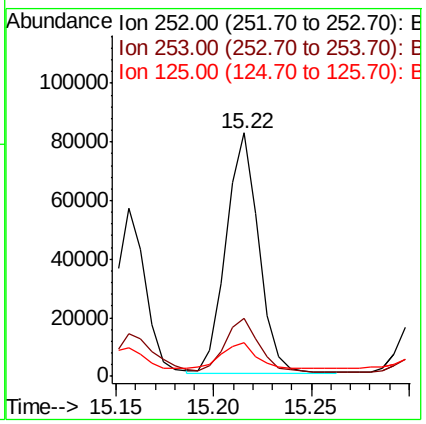


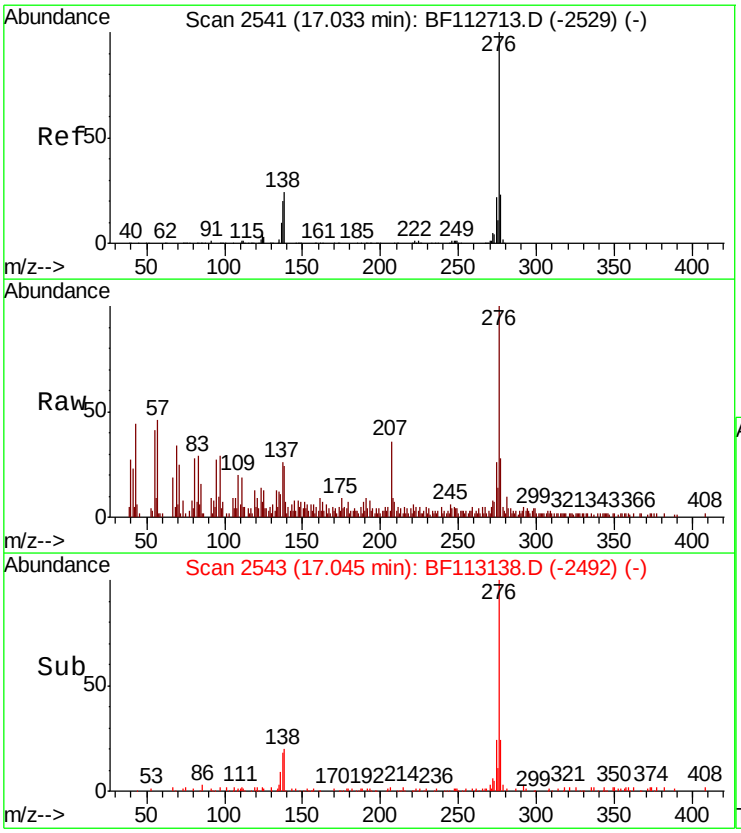
#90
Benzo(a)pyrene
Concen: 6.463 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Instrument :
BNA_F
ClientSampleId :
OR-03-031819-B

Tgt Ion:252 Resp: 95737

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	13.6	10.7	16.1





#92
Benzo(g,h,i)perylene
Concen: 3.330 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.00 min
Lab File: BF113138.D
Acq: 19 Mar 2019 21:08

Tgt Ion:276 Resp: 42267

Ion	Ratio	Lower	Upper
276	100		
277	28.1	18.6	27.8#
138	23.6	19.4	29.0