Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF112000.D
Acq On : 10 Jan 2019 21:05
Operator : JU/SJ
Sample : K1062-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 11 00:54:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	89302	20.00	ng		-0.02
21) Naphthalene-d8	8.16	136	305279	20.00	ng		-0.02
39) Acenaphthene-d10	9.91	164	129629	20.00	ng		-0.02
64) Phenanthrene-d10	11.40	188	243388	20.00	ng		-0.02
76) Chrysene-d12	14.04	240	234007	20.00	ng		-0.02
87) Perylene-d12	15.52	264	211549	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	444727	85.20	ng		-0.02
7) Phenol-d6	6.52	99	559047	83.10	ng		-0.02
23) Nitrobenzene-d5	7.43	82	340012	59.53	ng		-0.02
42) 2,4,6-Tribromophenol	10.70	330	128540	76.24	ng		-0.02
45) 2-Fluorobiphenyl	9.23	172	519954	58.49	ng		-0.02
79) Terphenyl-d14	12.98	244	552775	44.84	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.42	77	609	Below Cal		#	64
10) Phenol	6.53	94	24241	3.315	ng		81
19) n-Nitroso-di-n-propylamine	7.43	70	46554	10.650	ng	#	77
25) Isophorone	7.43	82	340008	36.760	ng	#	65
50) Dimethylphthalate	9.62	163	50988	5.236	ng		99
57) 2,4-Dinitrotoluene	9.91	165	17024	6.050	ng	#	26
67) 4-Bromophenyl-phenylether	10.70	248	7740	2.455	ng	#	1
71) Phenanthrene	11.42	178	224064	17.219	ng		97
72) Anthracene	11.47	178	42919	3.249	ng		98
73) Carbazole	11.63	167	28224	2.197	ng		98
75) Fluoranthene	12.62	202	355452	26.608	ng		99
78) Pyrene	12.84	202	300635	18.672	ng		98
80) Butylbenzylphthalate	13.45	149	22941	3.370	ng		99
81) Benzo(a)anthracene	14.03	228	157576	11.700	ng		98
83) Chrysene	14.07	228	157913	12.298	ng		96
84) Bis(2-ethylhexyl)phthalate	14.02	149	50813	5.684	ng	#	100
86) Indeno(1,2,3-cd)pyrene	17.00	276	54977	5.873	ng		97
88) Benzo(b)fluoranthene	15.09	252	265168	20.954	ng	#	95
89) Benzo(k)fluoranthene	15.09	252	265168	22.292	ng	#	96
90) Benzo(a)pyrene	15.46	252	110300	9.913	ng	#	96
92) Benzo(g,h,i)perylene	17.46	276	56188	6.419	ng		98

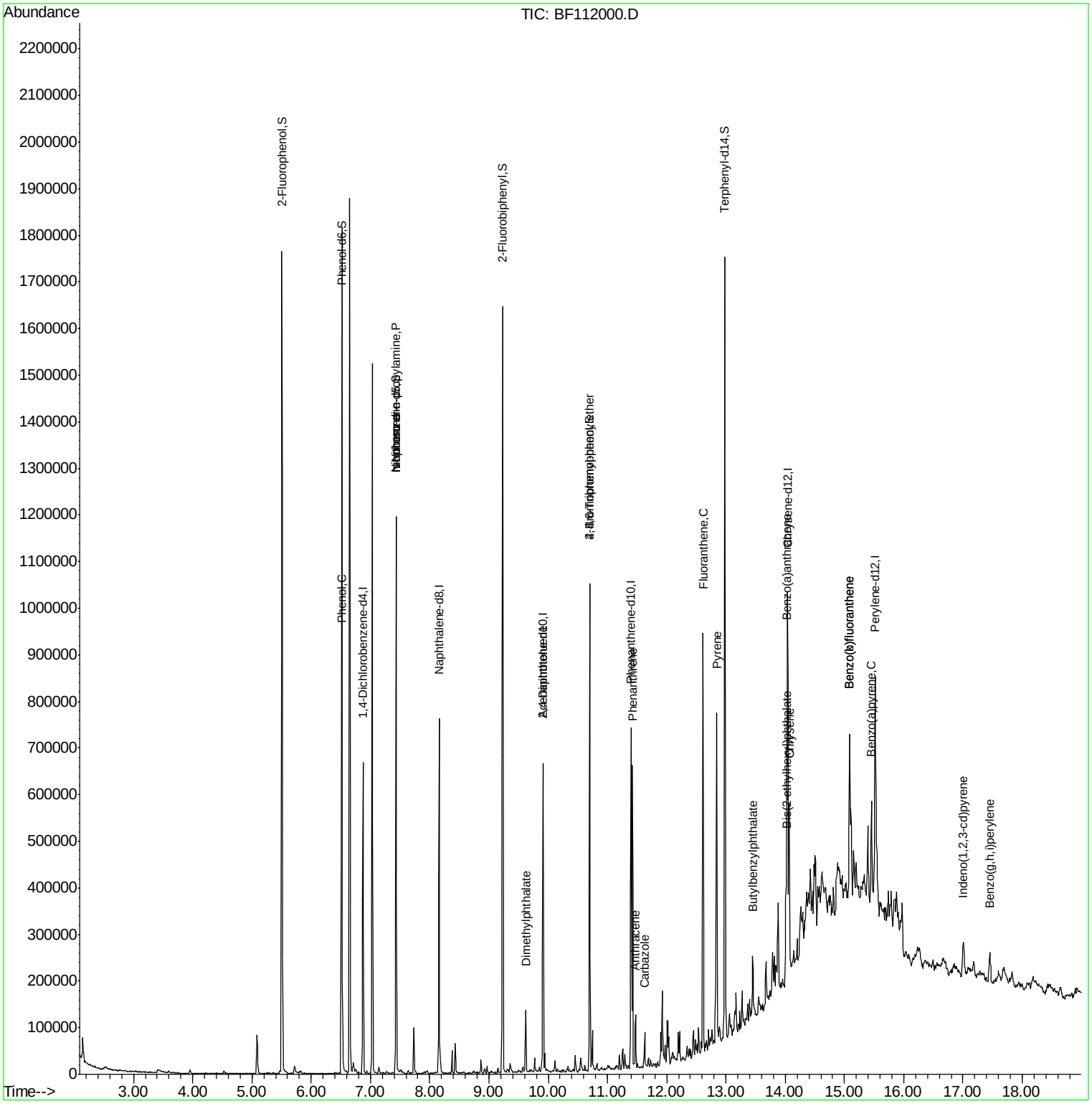
(#) = qualifier out of range (m) = manual integration (+) = signals summed

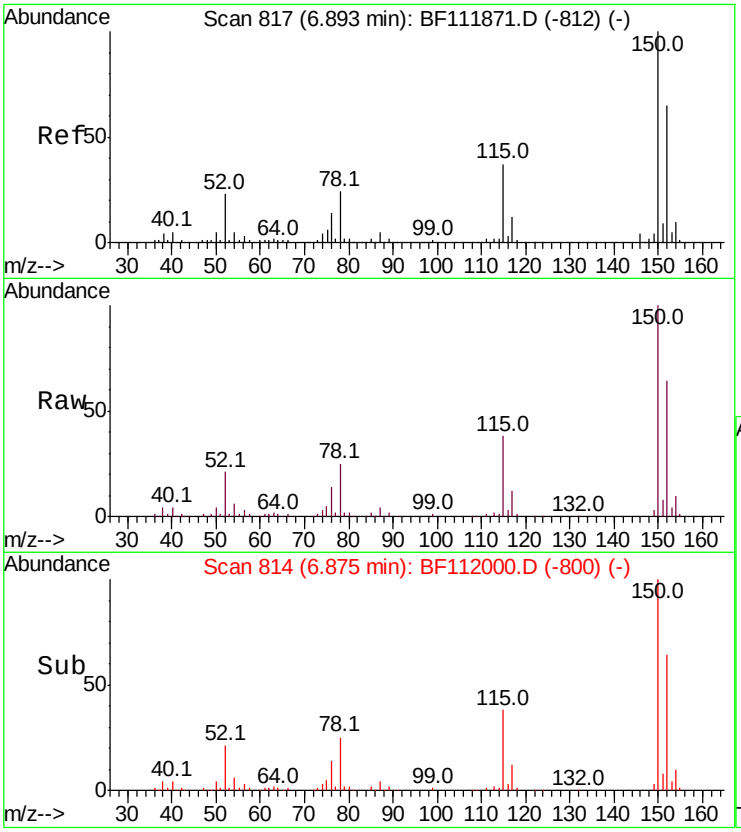
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF112000.D
Acq On : 10 Jan 2019 21:05
Operator : JU/SJ
Sample : K1062-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 11 00:54:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration



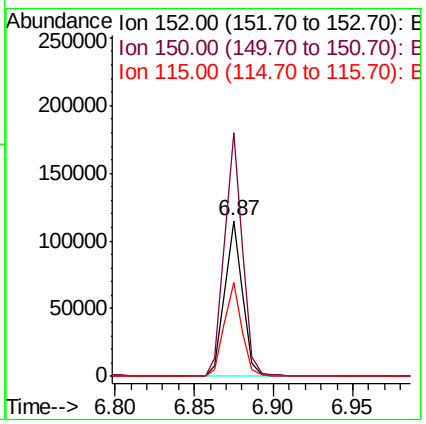


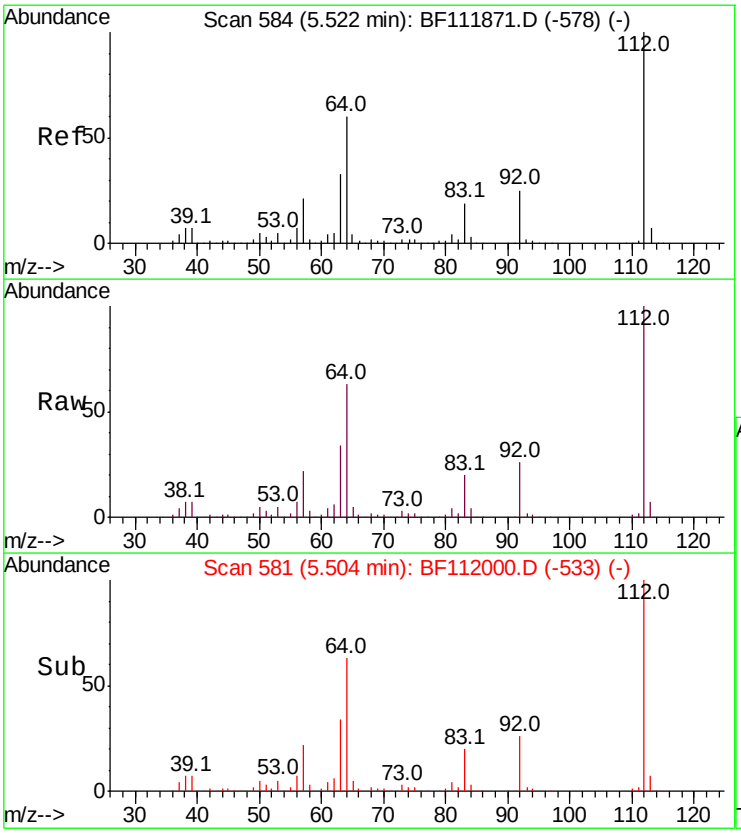
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF112000.D
Acq: 10 Jan 2019 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 89302

Ion	Ratio	Lower	Upper
152	100		
150	156.8	122.7	184.1
115	60.2	45.2	67.8

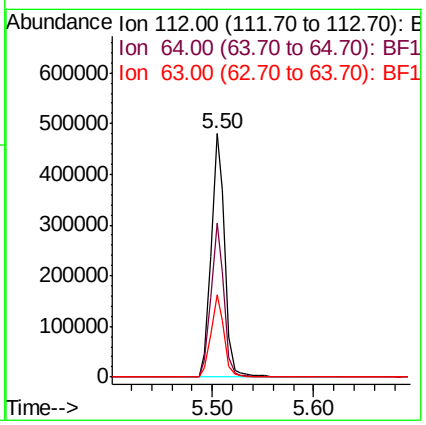


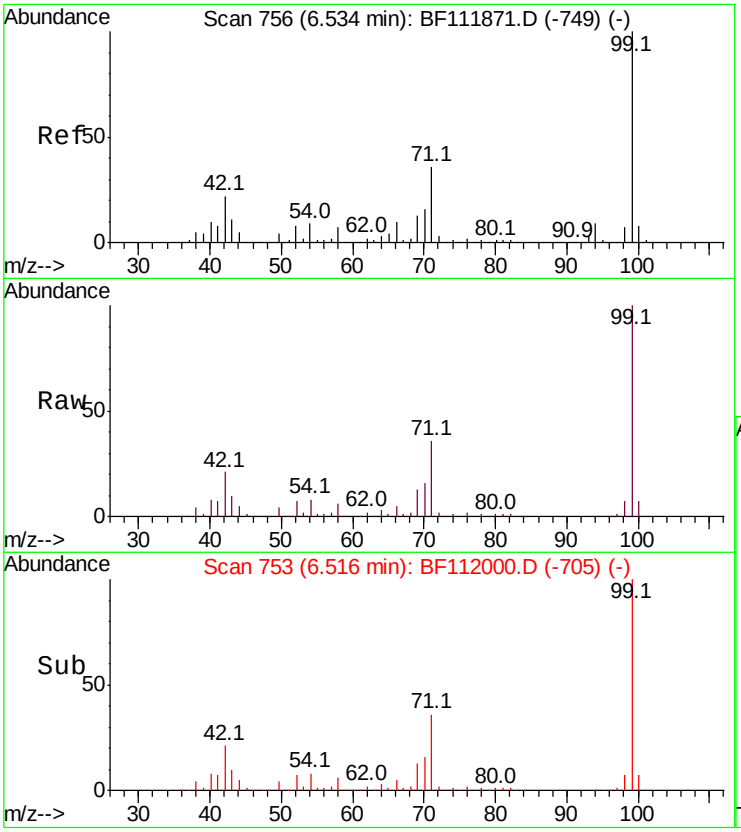


#5
2-Fluorophenol
Concen: 85.199 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.02 min
Lab File: BF112000.D
Acq: 10 Jan 2019 21:05

Tgt Ion:112 Resp: 444727

Ion	Ratio	Lower	Upper
112	100		
64	63.1	48.3	72.5
63	33.8	26.1	39.1



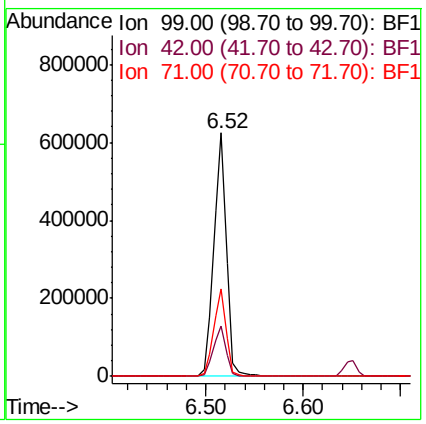


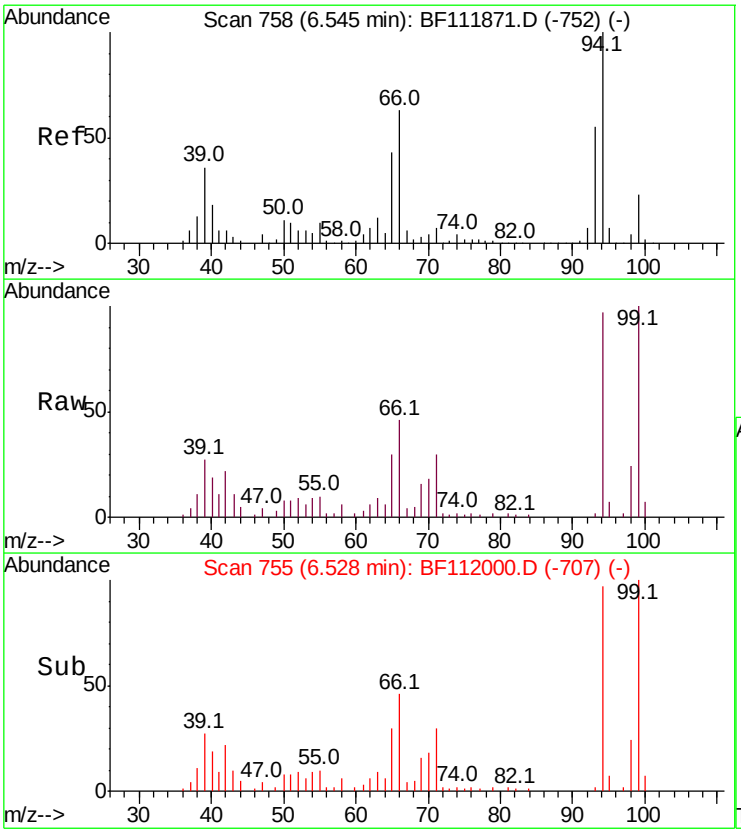
#7
Phenol-d6
Concen: 83.096 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF112000.D
Acq: 10 Jan 2019 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 559047

Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.9	26.9
71	36.0	28.7	43.1

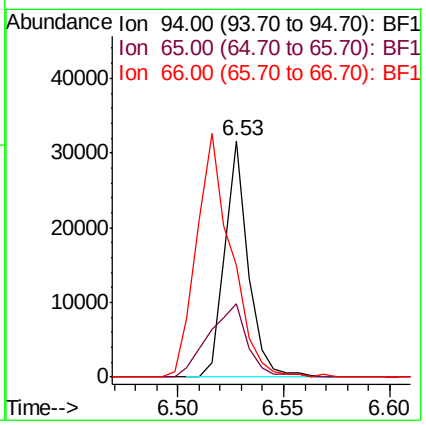


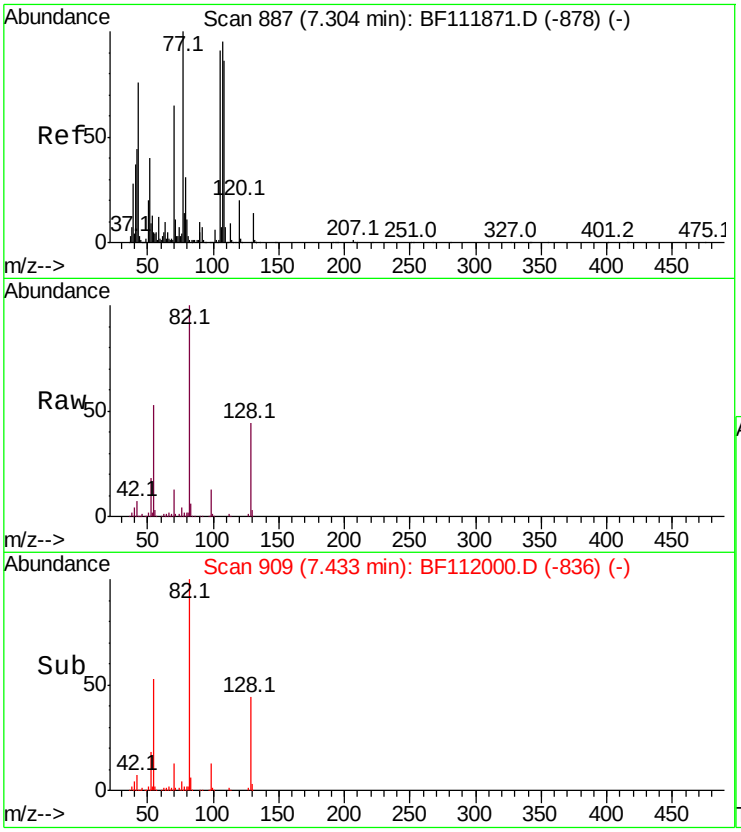


#10
Phenol
Concen: 3.315 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF112000.D
Acq: 10 Jan 2019 21:05

Tgt Ion: 94 Resp: 24241

Ion	Ratio	Lower	Upper
94	100		
65	31.2	22.8	62.8
66	47.6	43.3	83.3



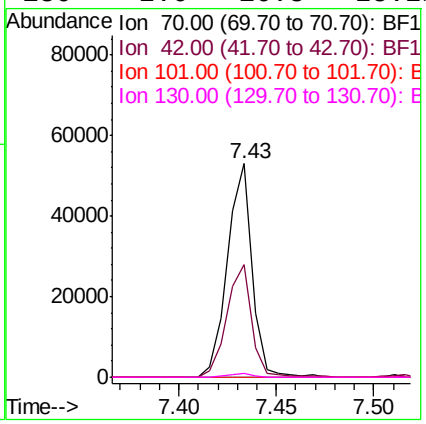


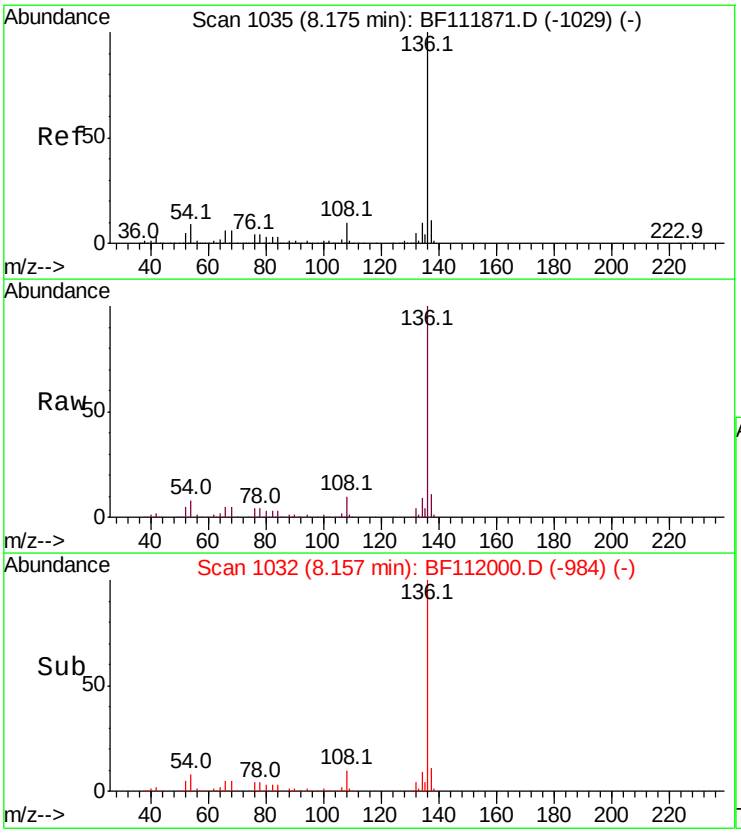
#19
n-Nitroso-di-n-propylamine
Concen: 10.650 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.13 min
Lab File: BF112000.D
Acq: 10 Jan 2019 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 46554

Ion	Ratio	Lower	Upper
70	100		
42	53.0	53.6	80.4#
101	0.0	7.3	10.9#
130	2.0	16.8	25.2#

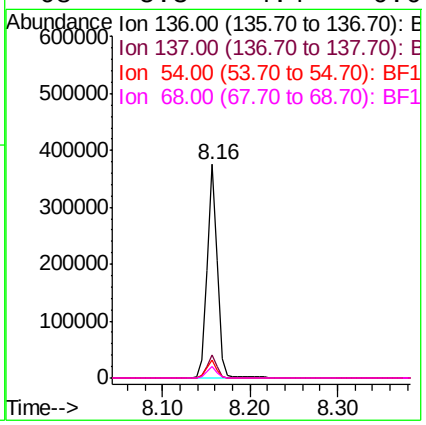


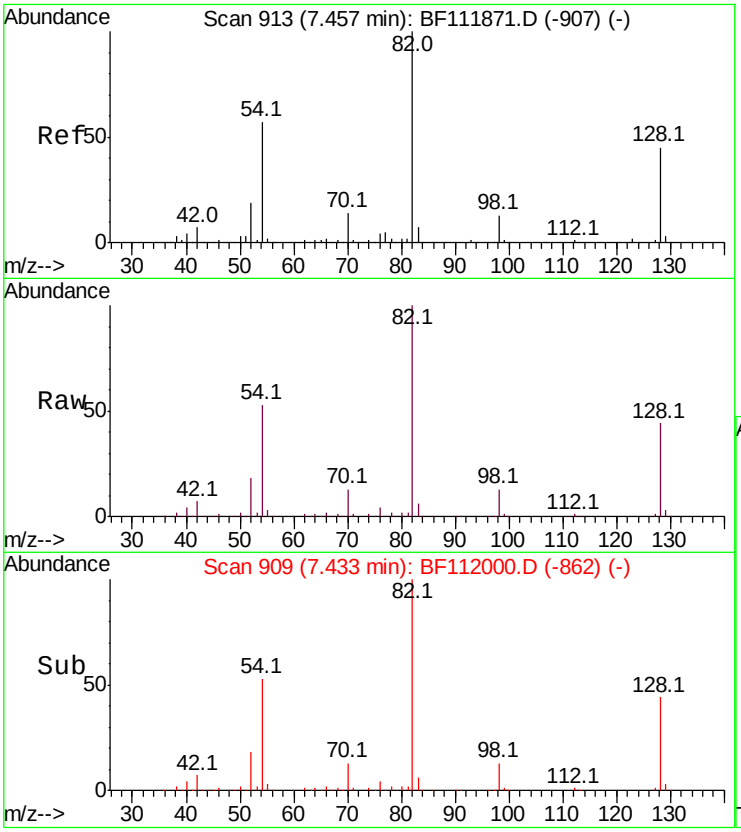


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF112000.D
Acq: 10 Jan 2019 21:05

Tgt Ion:136 Resp: 305279

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	8.2	7.2	10.8
68	5.3	4.4	6.6



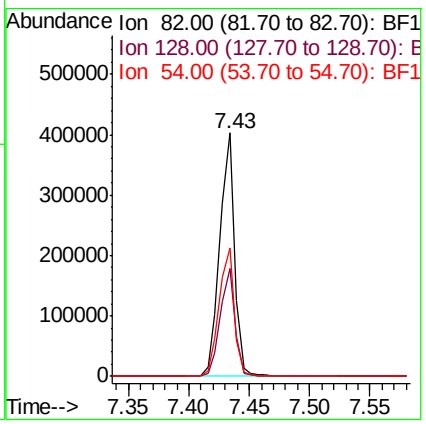


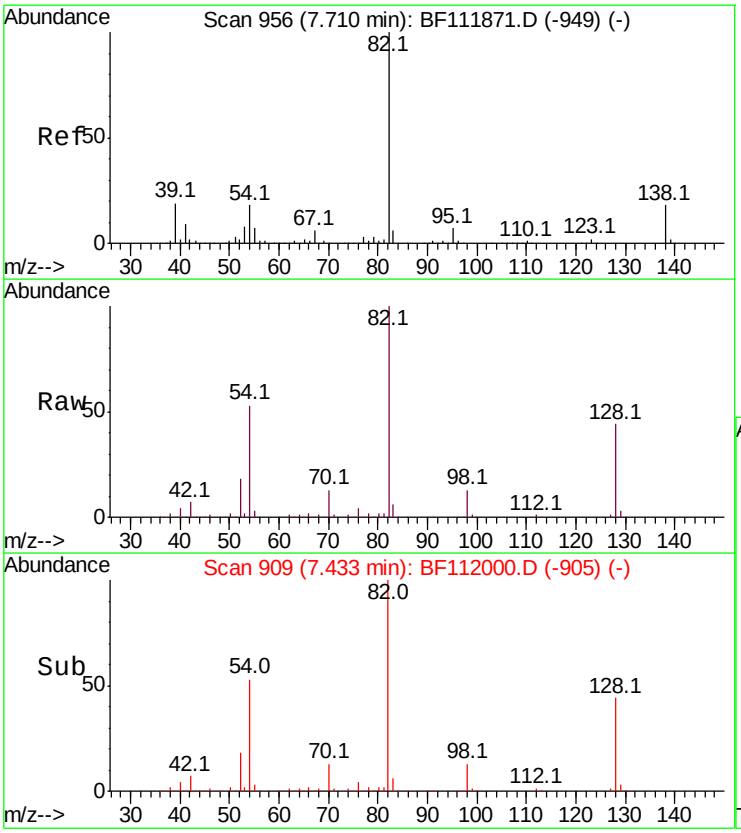
#23
Nitrobenzene-d5
Concen: 59.526 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF112000.D
Acq: 10 Jan 2019 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 340012

Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.7	53.5
54	53.0	45.8	68.8

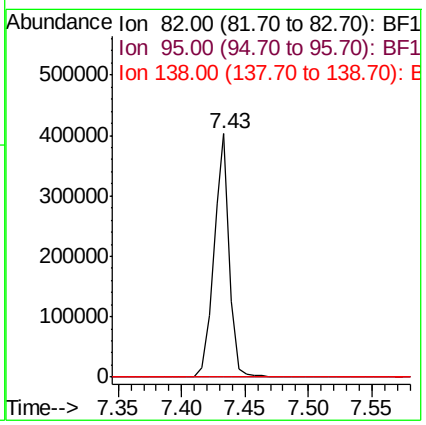


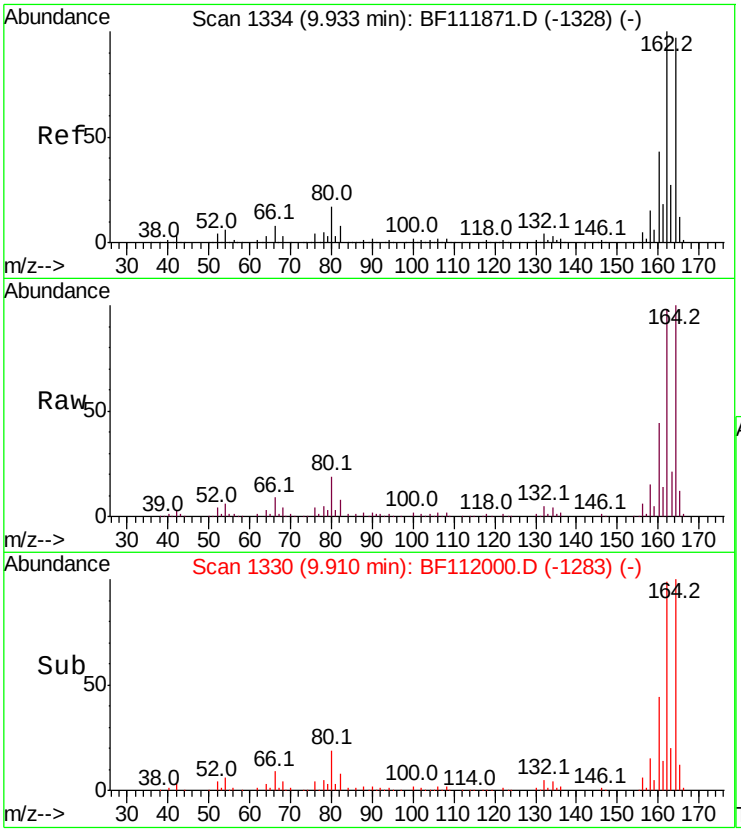


#25
Isophorone
Concen: 36.760 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.28 min
Lab File: BF112000.D
Acq: 10 Jan 2019 21:05

Tgt Ion: 82 Resp: 340008

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.4	21.6#



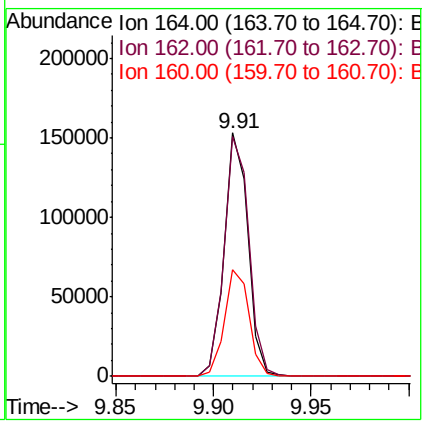


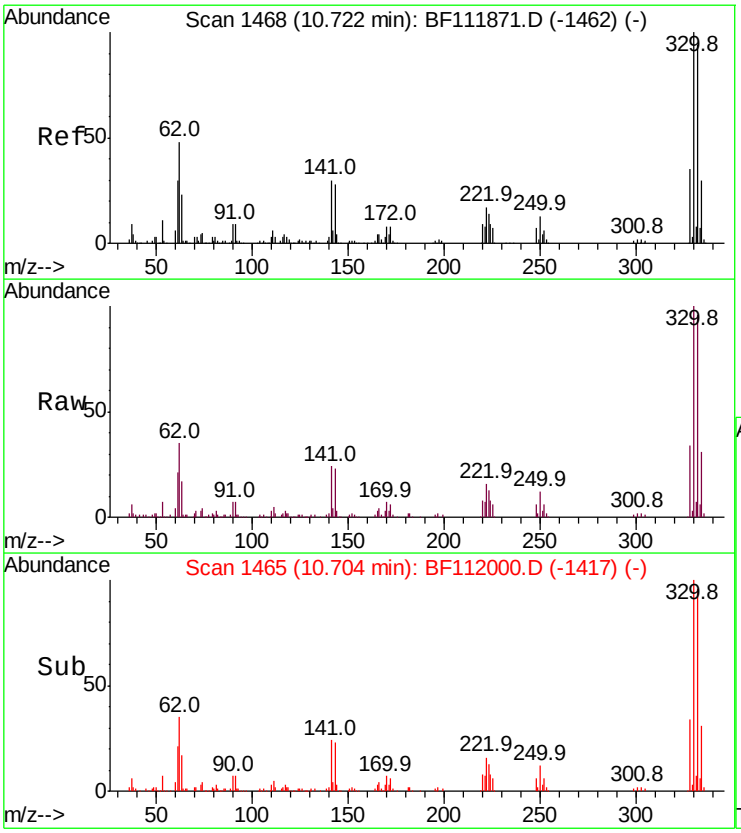
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF112000.D
Acq: 10 Jan 2019 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 129629

Ion	Ratio	Lower	Upper
164	100		
162	98.5	82.2	123.2
160	43.8	35.5	53.3

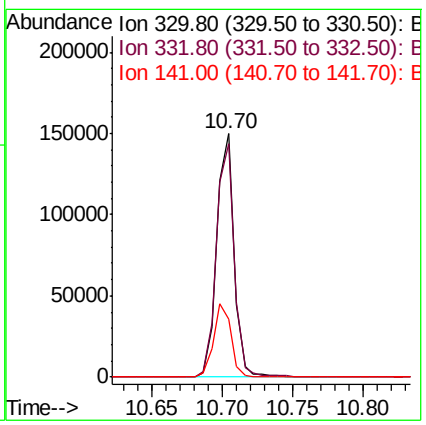


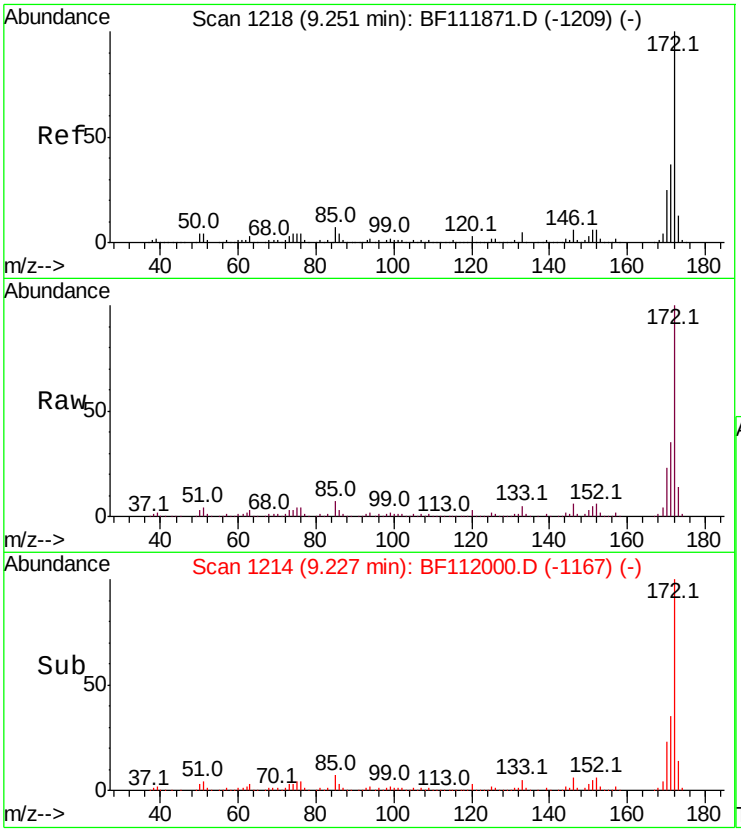


#42
2,4,6-Tribromophenol
Concen: 76.236 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BF112000.D
Acq: 10 Jan 2019 21:05

Tgt Ion:330 Resp: 128540

Ion	Ratio	Lower	Upper
330	100		
332	98.8	76.9	115.3
141	30.9	23.7	35.5



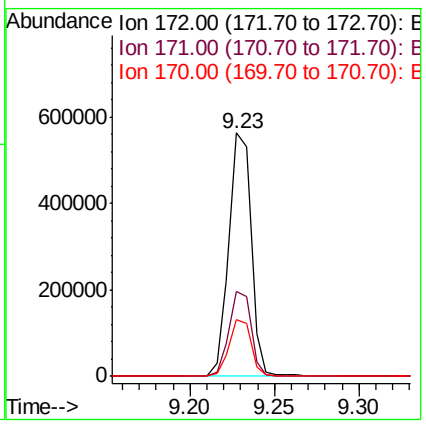


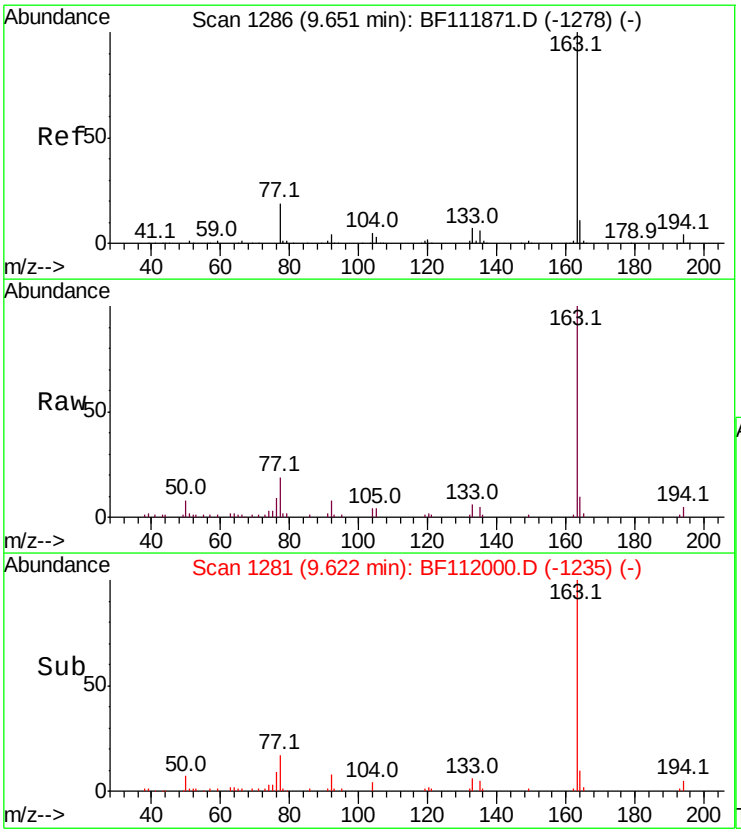
#45
2-Fluorobiphenyl
Concen: 58.490 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF112000.D
Acq: 10 Jan 2019 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 519954

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.6	44.4
170	23.5	19.8	29.8

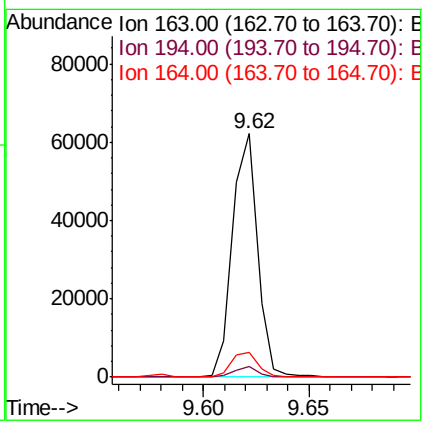


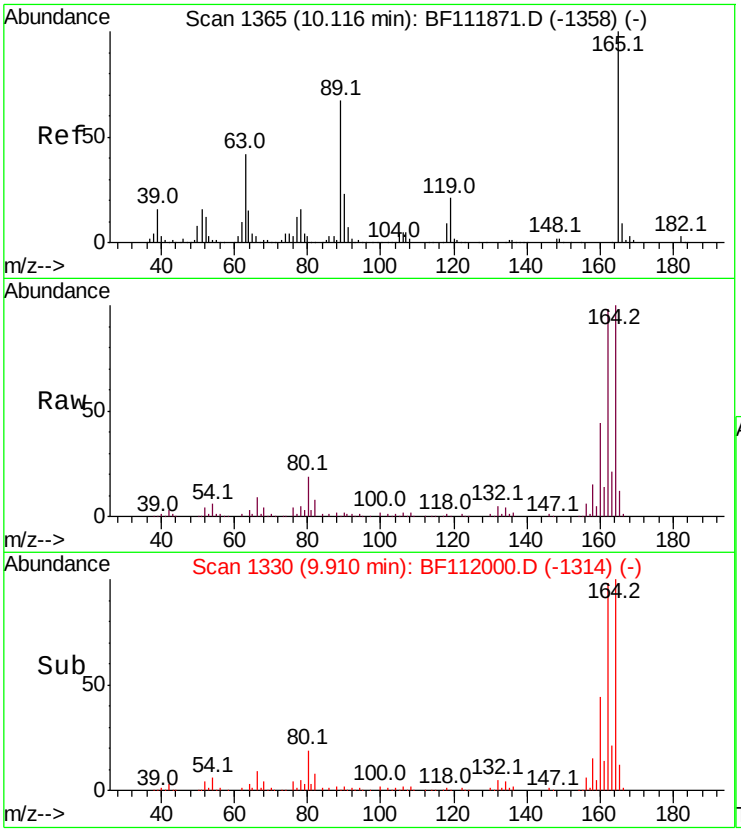


#50
Dimethylphthalate
Concen: 5.236 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF112000.D
Acq: 10 Jan 2019 21:05

Tgt Ion:163 Resp: 50988

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.4	8.5	12.7



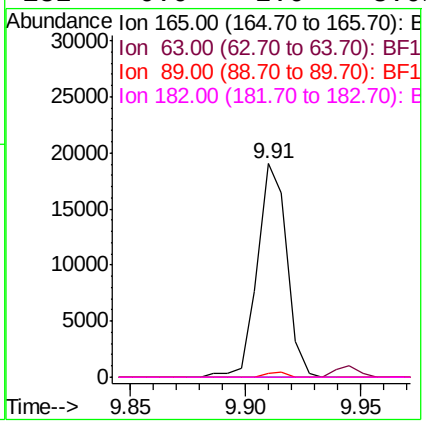


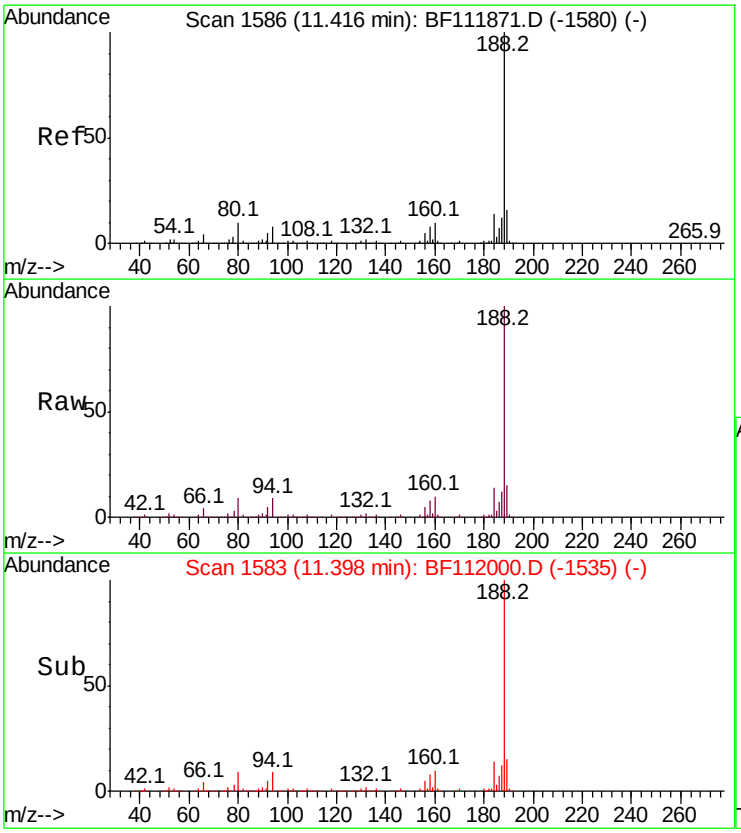
#57
2,4-Dinitrotoluene
Concen: 6.050 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.21 min
Lab File: BF112000.D
Acq: 10 Jan 2019 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 17024

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.1	51.1#
89	1.8	53.5	80.3#
182	0.0	2.0	3.0#

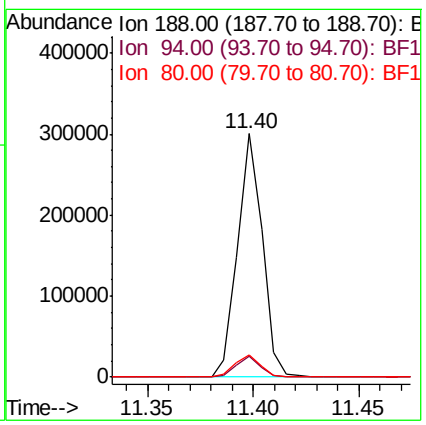


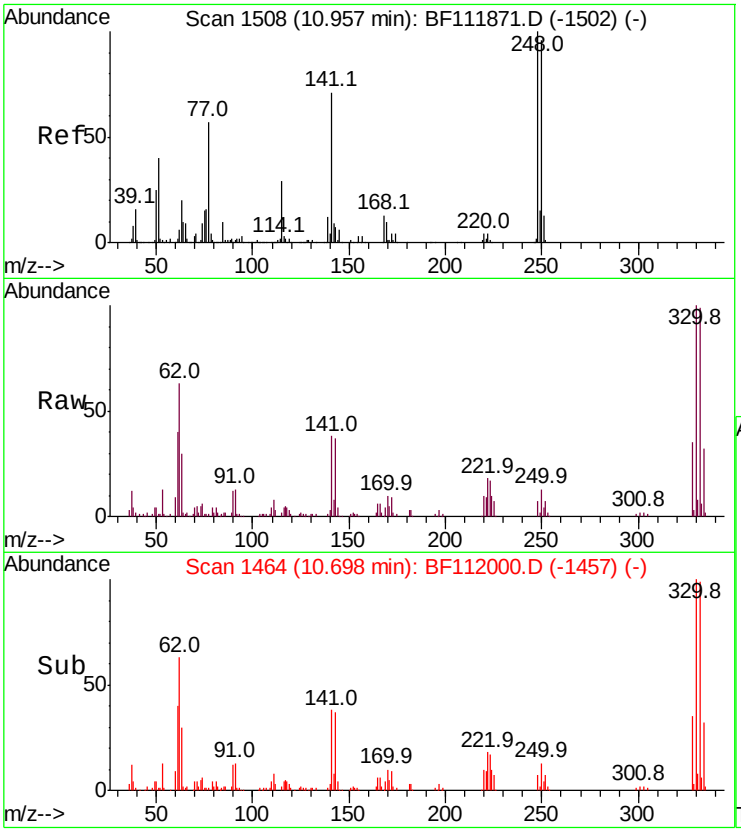


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BF112000.D
Acq: 10 Jan 2019 21:05

Tgt Ion:188 Resp: 243388

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.6	10.0
80	9.3	7.7	11.5



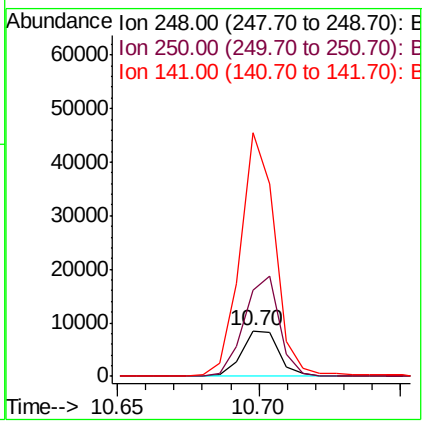


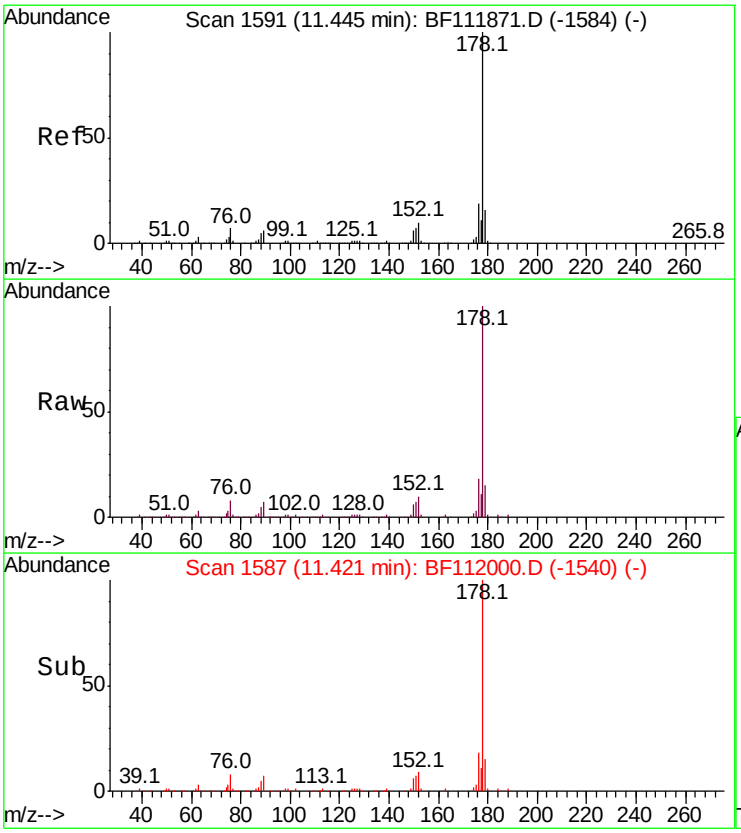
#67
4-Bromophenyl-phenylether
Concen: 2.455 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.26 min
Lab File: BF112000.D
Acq: 10 Jan 2019 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 7740

Ion	Ratio	Lower	Upper
248	100		
250	188.7	76.8	115.2#
141	537.1	57.0	85.6#

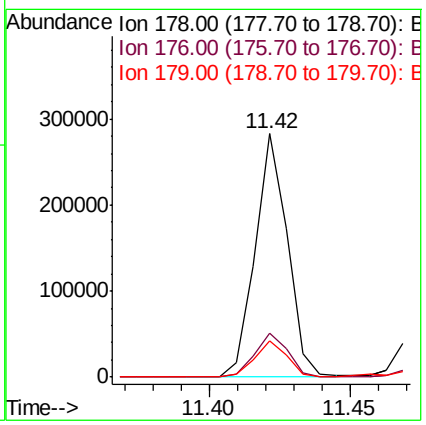


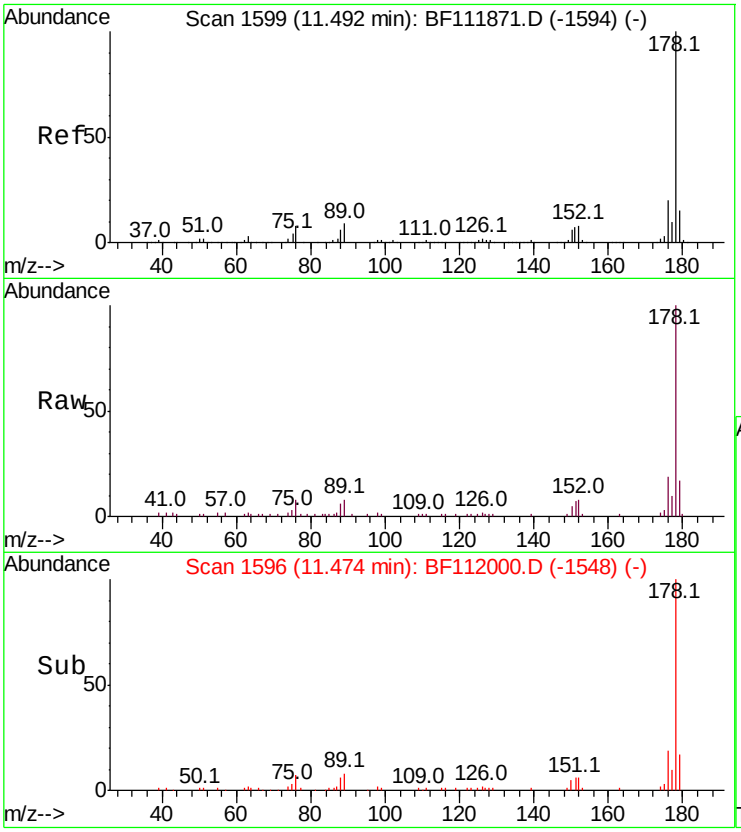


#71
Phenanthrene
Concen: 17.219 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.02 min
Lab File: BF112000.D
Acq: 10 Jan 2019 21:05

Tgt Ion:178 Resp: 224064

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.6	23.4
179	14.9	12.6	18.8



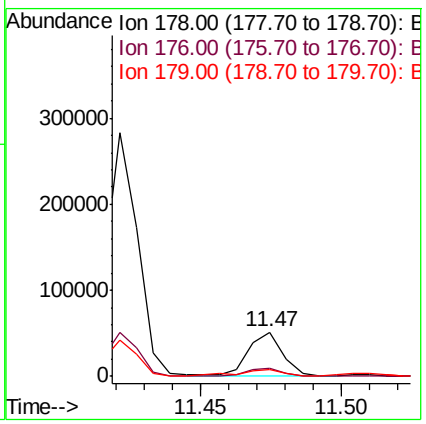


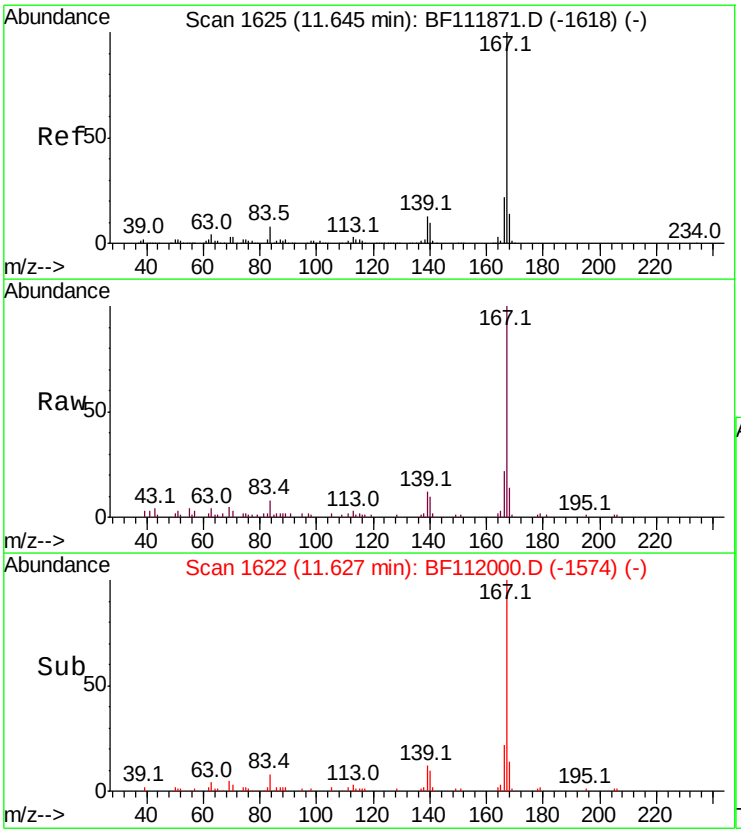
#72
Anthracene
Concen: 3.249 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BF112000.D
Acq: 10 Jan 2019 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 42919

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.7	23.5
179	16.6	12.4	18.6

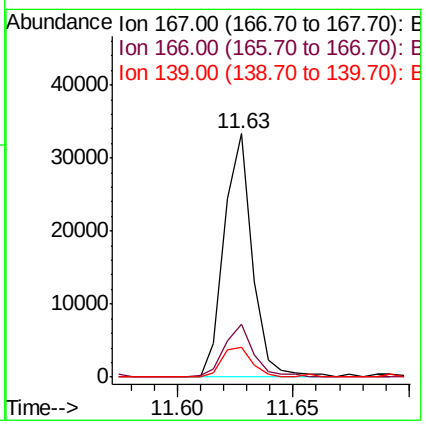


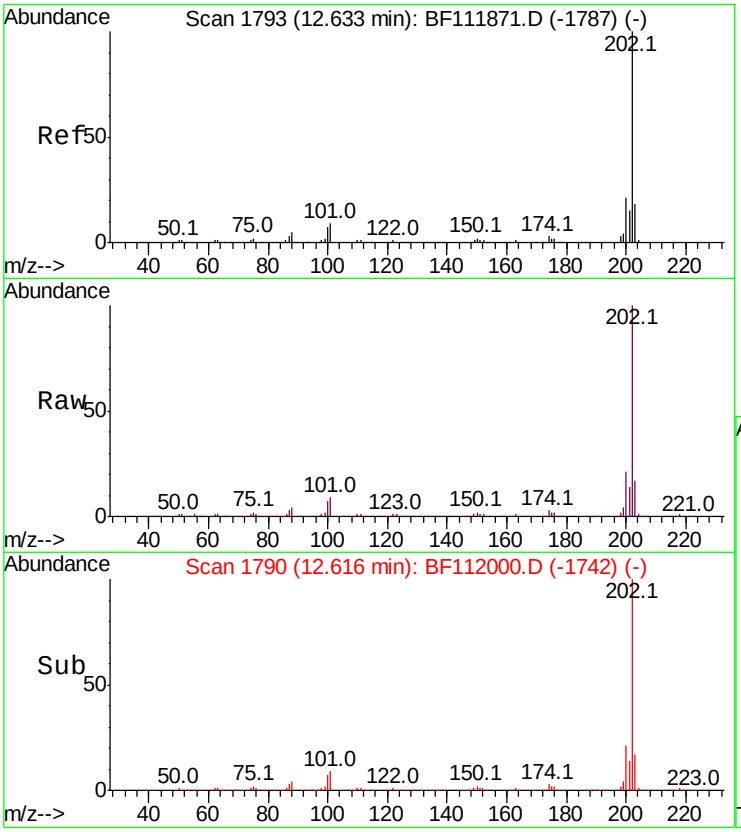


#73
Carbazole
Concen: 2.197 ng
RT: 11.63 min Scan# 1622
Delta R.T. -0.02 min
Lab File: BF112000.D
Acq: 10 Jan 2019 21:05

Tgt Ion:167 Resp: 28224

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.8	26.6
139	12.4	10.6	16.0



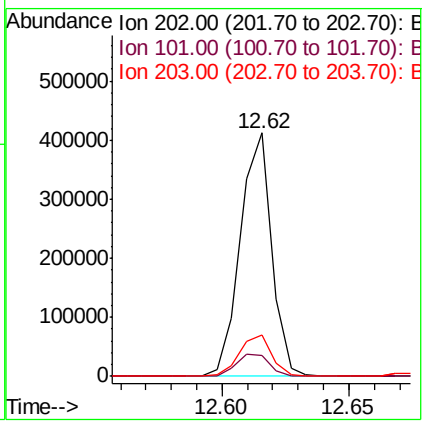


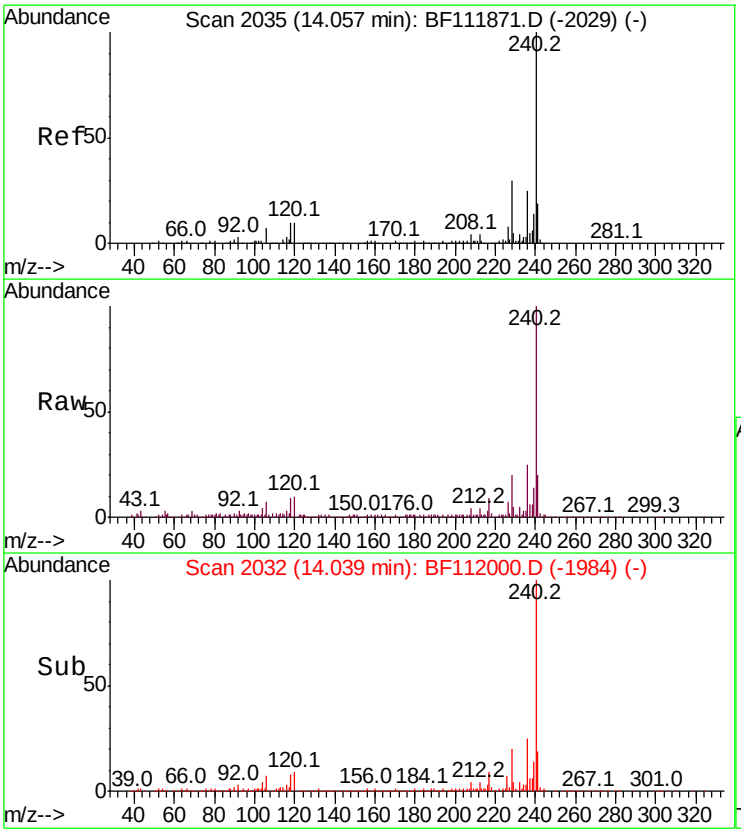
#75
Fluoranthene
Concen: 26.608 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BF112000.D
Acq: 10 Jan 2019 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 355452

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	29.3
203	17.1	0.0	37.6

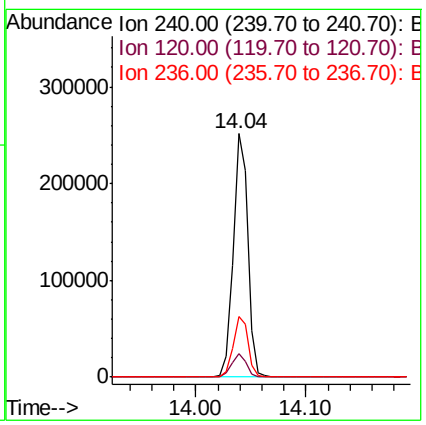


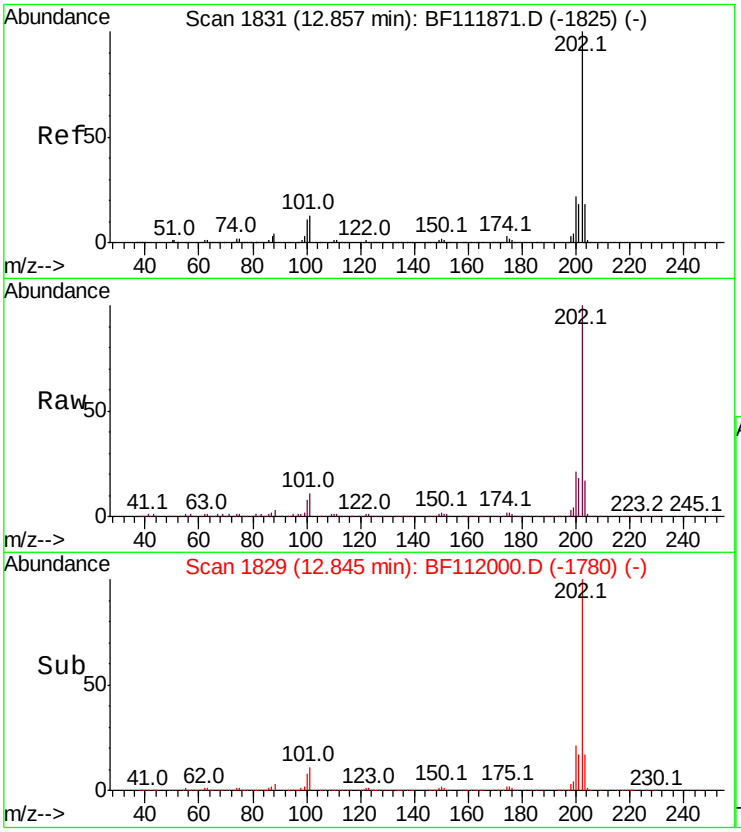


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.02 min
Lab File: BF112000.D
Acq: 10 Jan 2019 21:05

Tgt Ion:240 Resp: 234007

Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.2	12.2
236	24.7	20.2	30.4



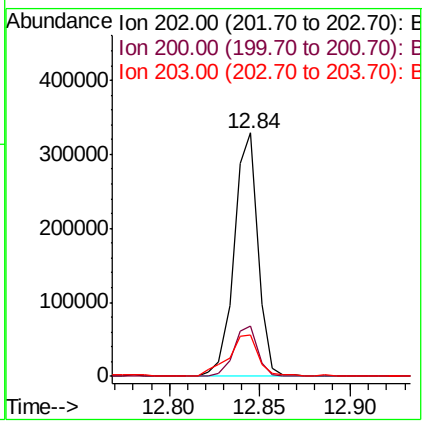


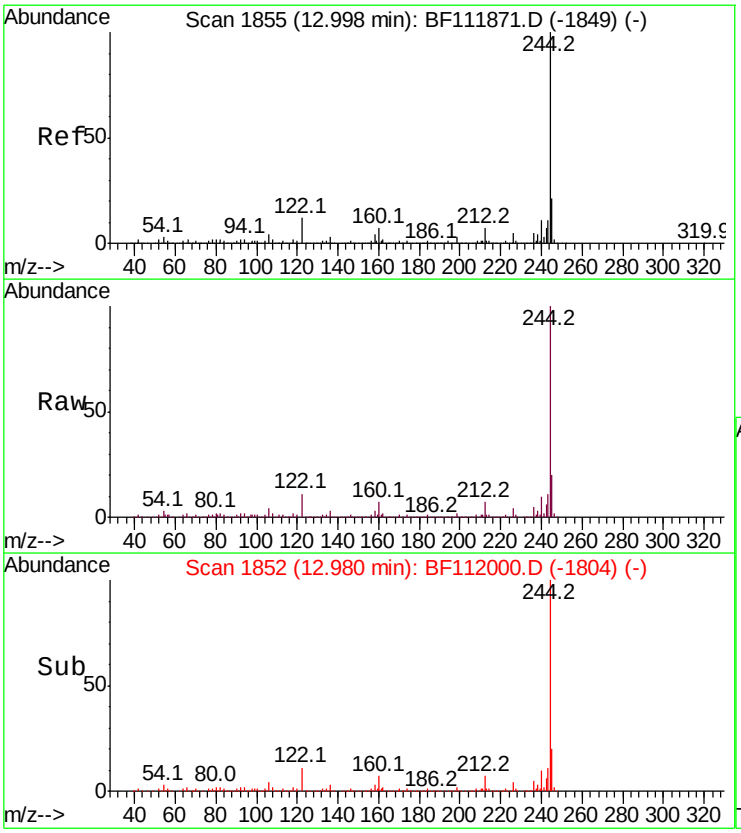
#78
Pyrene
Concen: 18.672 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF112000.D
Acq: 10 Jan 2019 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 300635

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.2	14.6	21.8

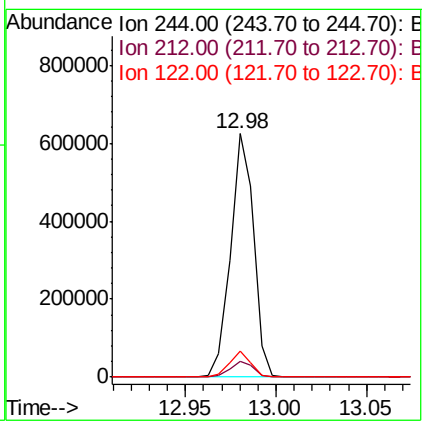


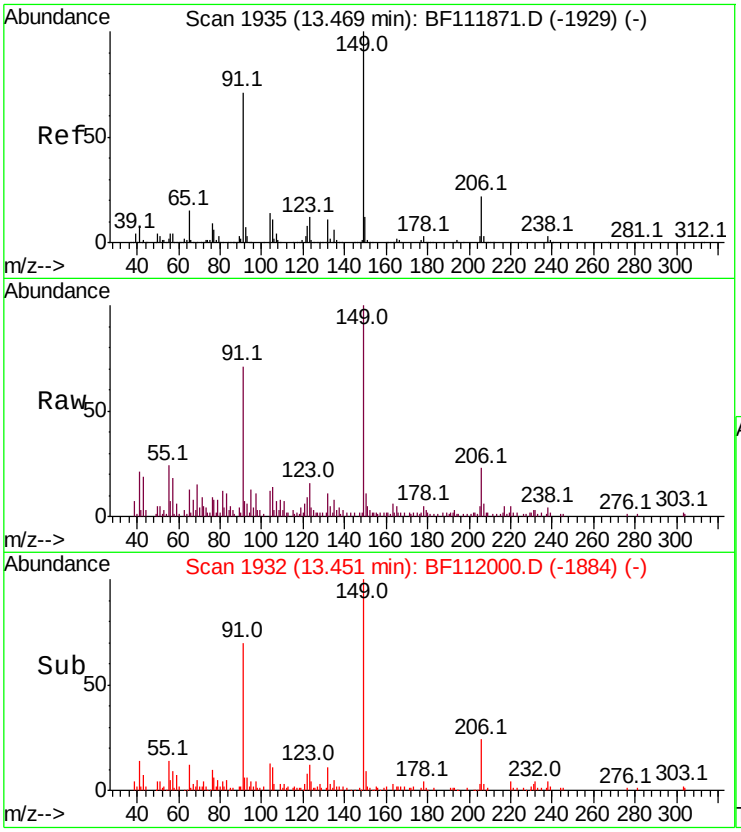


#79
Terphenyl-d14
Concen: 44.840 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BF112000.D
Acq: 10 Jan 2019 21:05

Tgt Ion:244 Resp: 552775

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	10.7	9.5	14.3



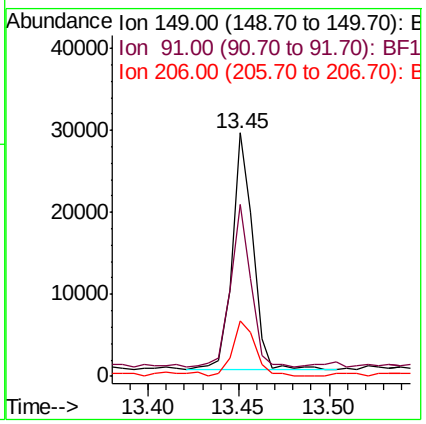


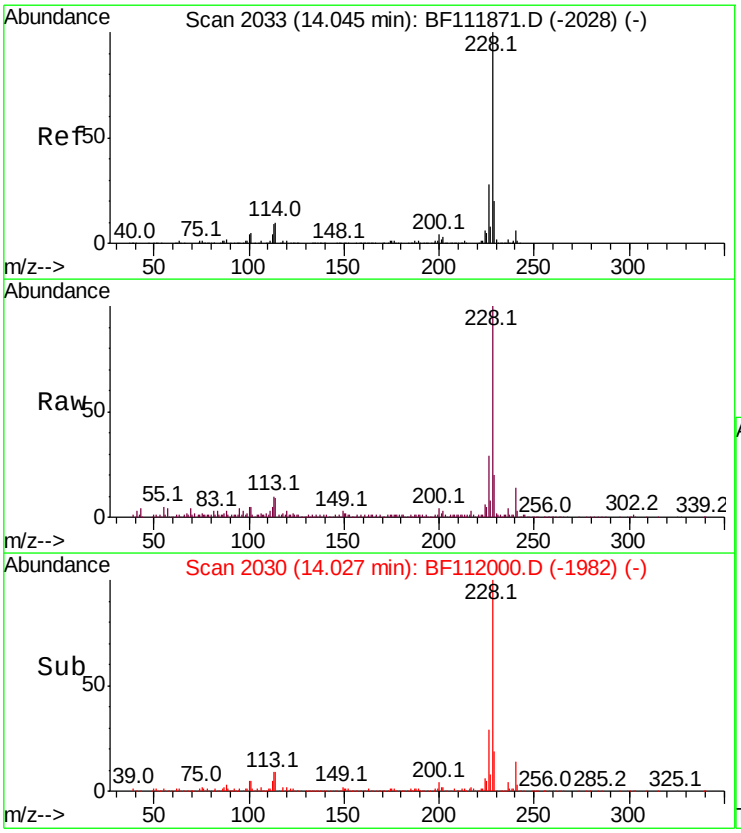
#80
Butylbenzylphthalate
Concen: 3.370 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.02 min
Lab File: BF112000.D
Acq: 10 Jan 2019 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 22941

Ion	Ratio	Lower	Upper
149	100		
91	70.7	57.2	85.8
206	22.9	17.3	25.9

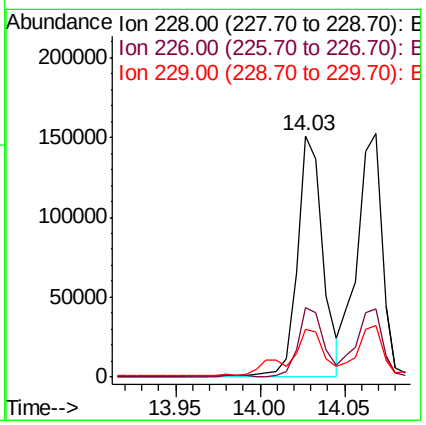


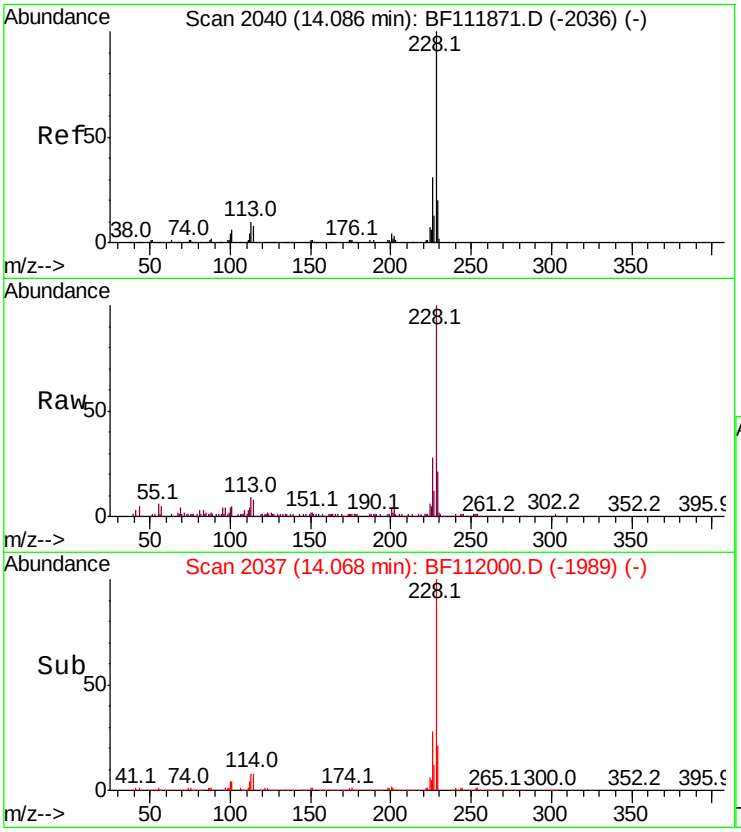


#81
Benzo(a)anthracene
Concen: 11.700 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF112000.D
Acq: 10 Jan 2019 21:05

Tgt Ion:228 Resp: 157576

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.2	33.2
229	19.9	16.2	24.2



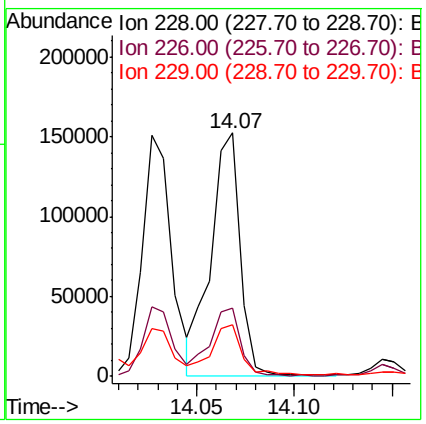


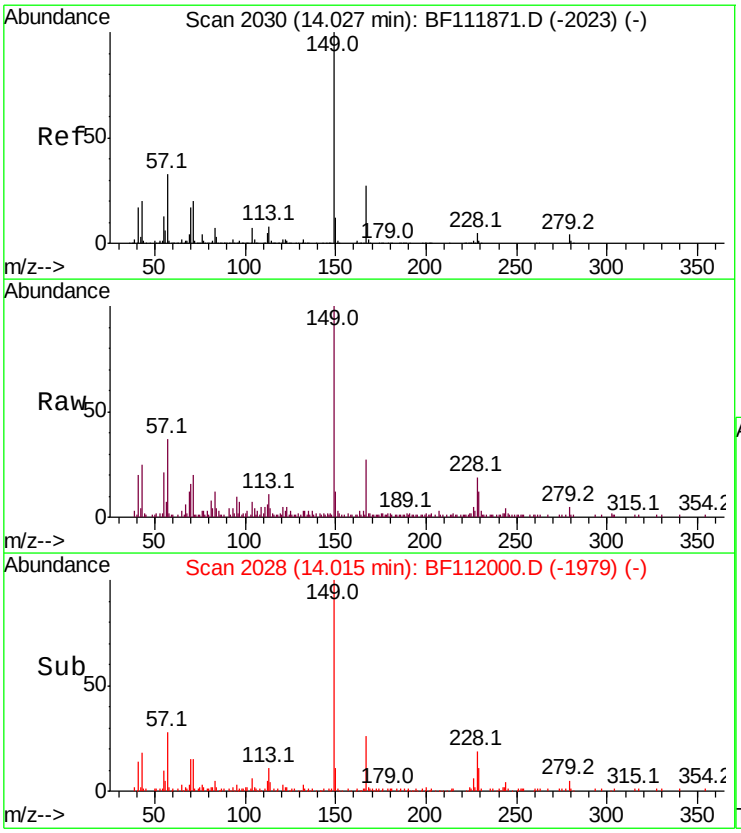
#83
Chrysene
Concen: 12.298 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.02 min
Lab File: BF112000.D
Acq: 10 Jan 2019 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 157913

Ion	Ratio	Lower	Upper
228	100		
226	28.1	24.6	37.0
229	21.1	15.7	23.5

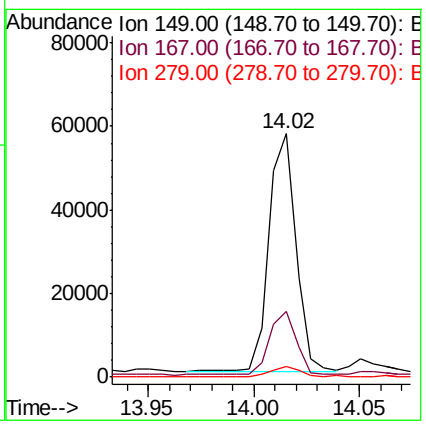


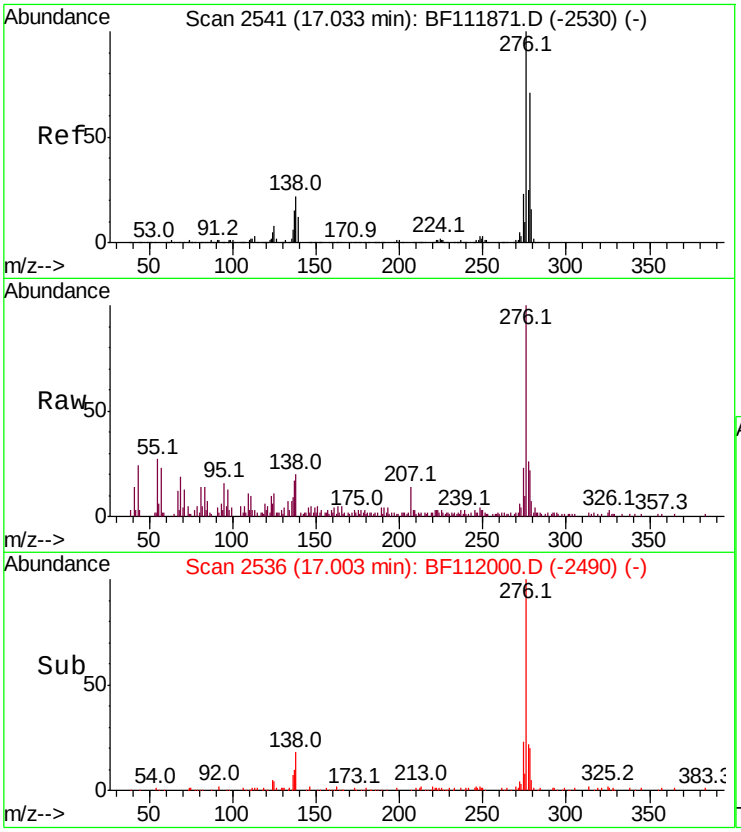


#84
Bis(2-ethylhexyl)phthalate
Concen: 5.684 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112000.D
Acq: 10 Jan 2019 21:05

Tgt Ion:149 Resp: 50813

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.5	32.3
279	4.6	3.0	4.6#



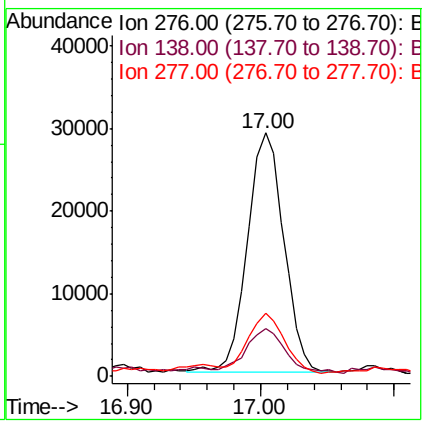


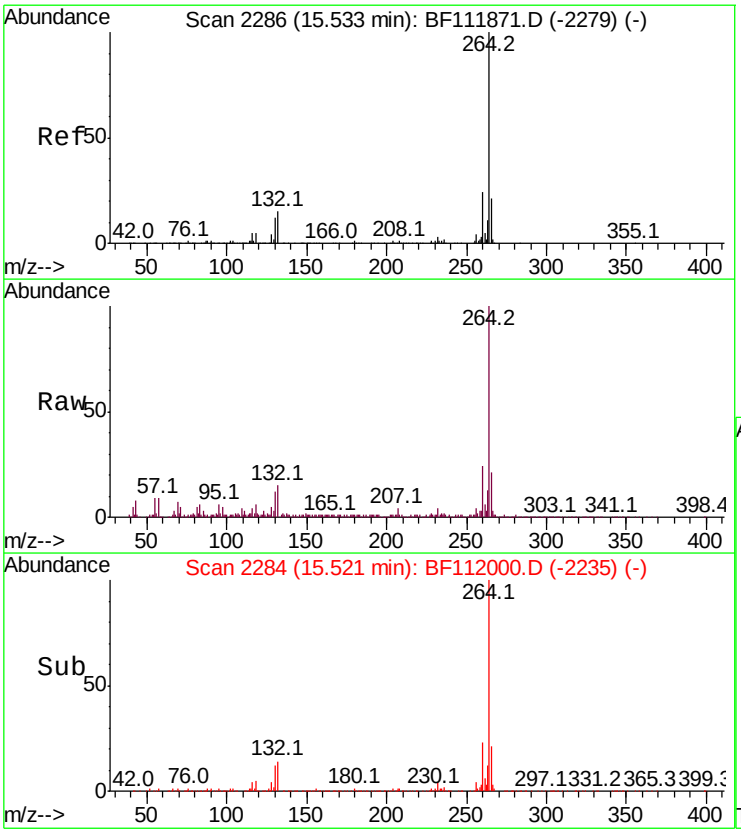
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.873 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.03 min
Lab File: BF112000.D
Acq: 10 Jan 2019 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 54977

Ion	Ratio	Lower	Upper
276	100		
138	20.3	18.1	27.1
277	25.5	19.9	29.9

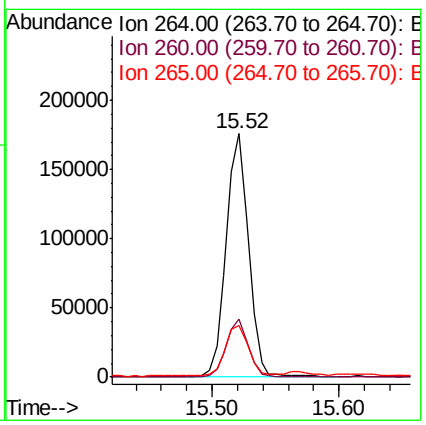


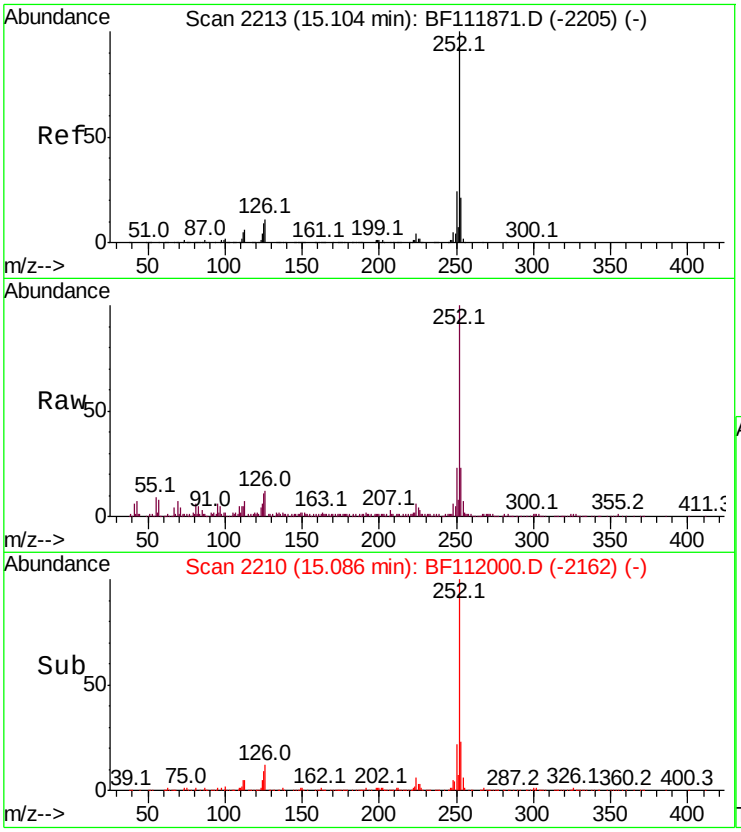


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF112000.D
Acq: 10 Jan 2019 21:05

Tgt Ion:264 Resp: 211549

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	17.1	25.7



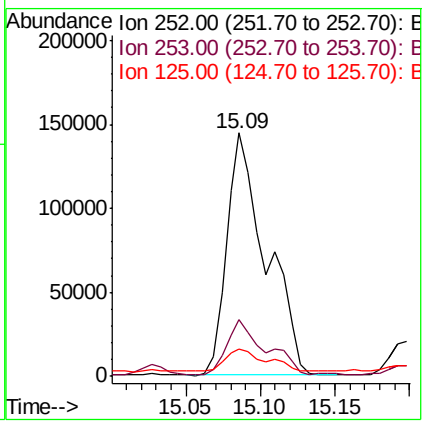


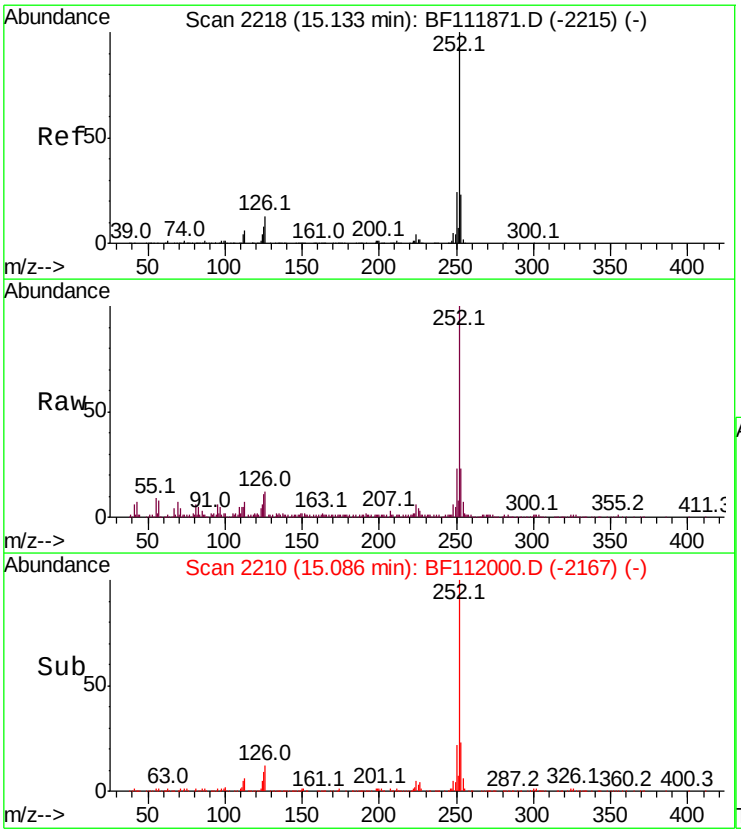
#88
Benzo(b)fluoranthene
Concen: 20.954 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.02 min
Lab File: BF112000.D
Acq: 10 Jan 2019 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 265168

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	11.3	7.1	10.7#

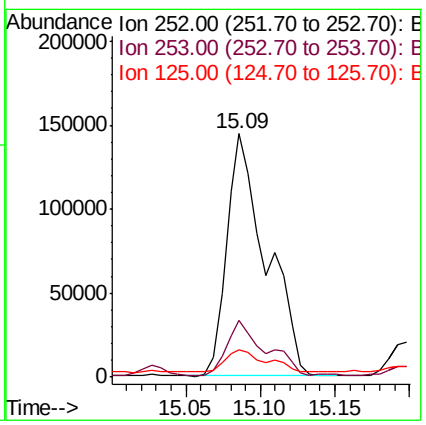


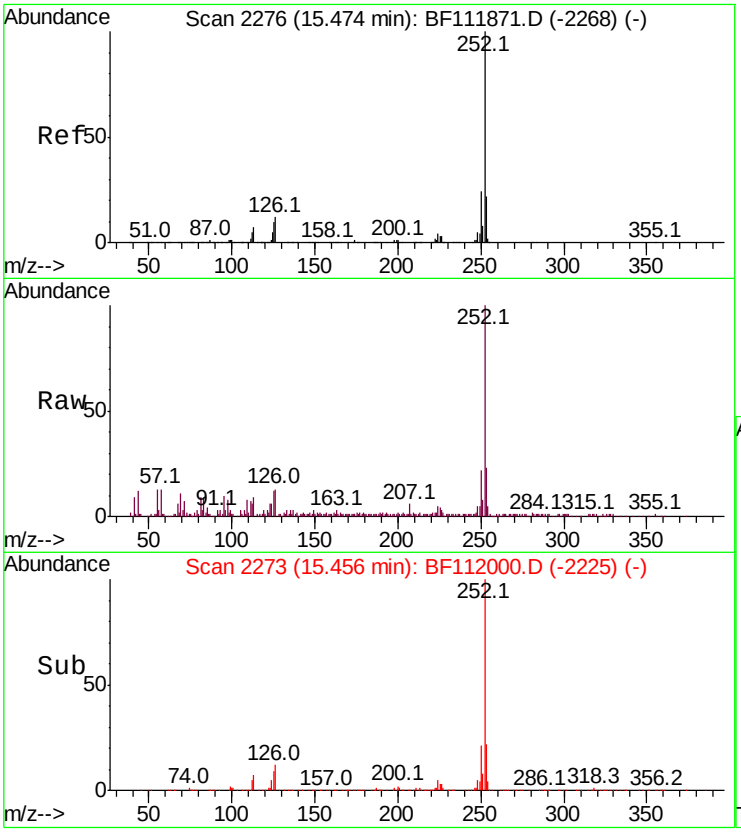


#89
Benzo(k)fluoranthene
Concen: 22.292 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.05 min
Lab File: BF112000.D
Acq: 10 Jan 2019 21:05

Tgt Ion:252 Resp: 265168

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	11.3	7.0	10.4#



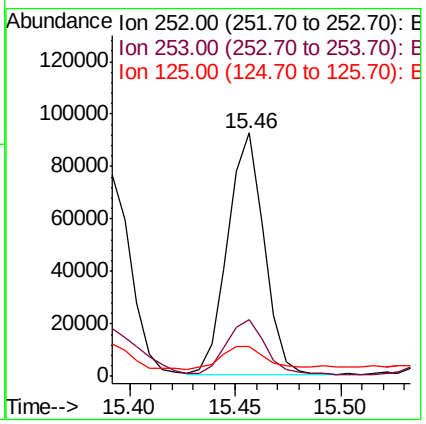


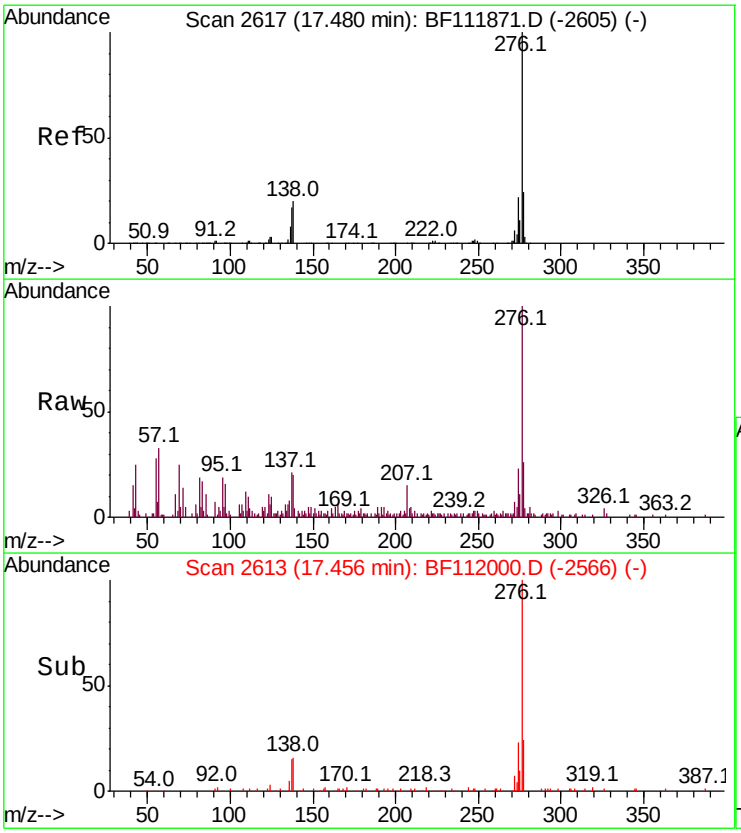
#90
Benzo(a)pyrene
Concen: 9.913 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BF112000.D
Acq: 10 Jan 2019 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 110300

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	12.2	7.9	11.9#





#92
Benzo(g,h,i)perylene
Concen: 6.419 ng
RT: 17.46 min Scan# 2613
Delta R.T. -0.02 min
Lab File: BF112000.D
Acq: 10 Jan 2019 21:05

Tgt Ion:276 Resp: 56188

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.0	28.6
138	20.4	16.2	24.2