Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112014.D
Acq On : 11 Jan 2019 14:46
Operator : JU/SJ
Sample : K1088-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 11 21:22:00 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	118852	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	321757	20.00	ng	-0.02
39) Acenaphthene-d10	9.92	164	136723	20.00	ng	-0.02
64) Phenanthrene-d10	11.42	188	212268	20.00	ng	0.00
76) Chrysene-d12	14.10	240	201378	20.00	ng	0.05
87) Perylene-d12	15.60	264	160583	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	697538	100.41	ng	-0.02
7) Phenol-d6	6.52	99	890187	99.42	ng	-0.02
23) Nitrobenzene-d5	7.43	82	435714	72.37	ng	-0.02
42) 2,4,6-Tribromophenol	10.72	330	163611	92.00	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	697330	74.37	ng	-0.02
79) Terphenyl-d14	13.03	244	671308	63.28	ng	0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.42	77	1226	Below Cal	#	71
10) Phenol	6.53	94	44352	4.557	ng #	75
25) Isophorone	7.43	82	429788	44.086	ng #	66
50) Dimethylphthalate	9.62	163	106459	10.365	ng #	89
51) 2,6-Dinitrotoluene	9.68	165	5723	2.492	ng #	52
52) Acenaphthene	9.95	154	173823	20.318	ng	90
53) 3-Nitroaniline	9.87	138	5936	2.413	ng #	36
55) Dibenzofuran	10.12	168	89142	7.165	ng #	84
56) 4-Nitrophenol	10.03	139	5557	3.198	ng #	1
57) 2,4-Dinitrotoluene	10.09	165	10744	3.620	ng #	60
58) Fluorene	10.47	166	146957	16.233	ng #	93
63) Azobenzene	10.62	77	25334	2.668	ng #	1
66) n-Nitrosodiphenylamine	10.58	169	93293	13.097	ng #	55
69) Atrazine	11.11	200	5518	2.205	ng #	1
71) Phenanthrene	11.44	178	310778	27.384	ng #	90
72) Anthracene	11.50	178	159857	13.876	ng #	84
74) Di-n-butylphthalate	11.98	149	27540	2.116	ng #	7
75) Fluoranthene	12.67	202	587954	50.465	ng	94
78) Pyrene	12.67	202	587954	42.433	ng	97
81) Benzo(a)anthracene	14.09	228	184288	15.901	ng #	76
82) 3,3'-Dichlorobenzidine	14.03	252	10446	2.441	ng #	21
83) Chrysene	14.13	228	175790	15.908	ng #	76
84) Bis(2-ethylhexyl)phthalate	14.06	149	257755	33.505	ng #	86
85) Di-n-octyl phthalate	14.71	149	22389	2.034	ng #	1
86) Indeno(1,2,3-cd)pyrene	17.09	276	41677	5.173	ng	98
88) Benzo(b)fluoranthene	15.16	252	152001	15.824	ng #	1
89) Benzo(k)fluoranthene	15.16	252	152001	16.834	ng #	1
90) Benzo(a)pyrene	15.53	252	93571	11.078	ng #	1
92) Benzo(g,h,i)perylene	17.53	276	43336	6.522	ng #	71

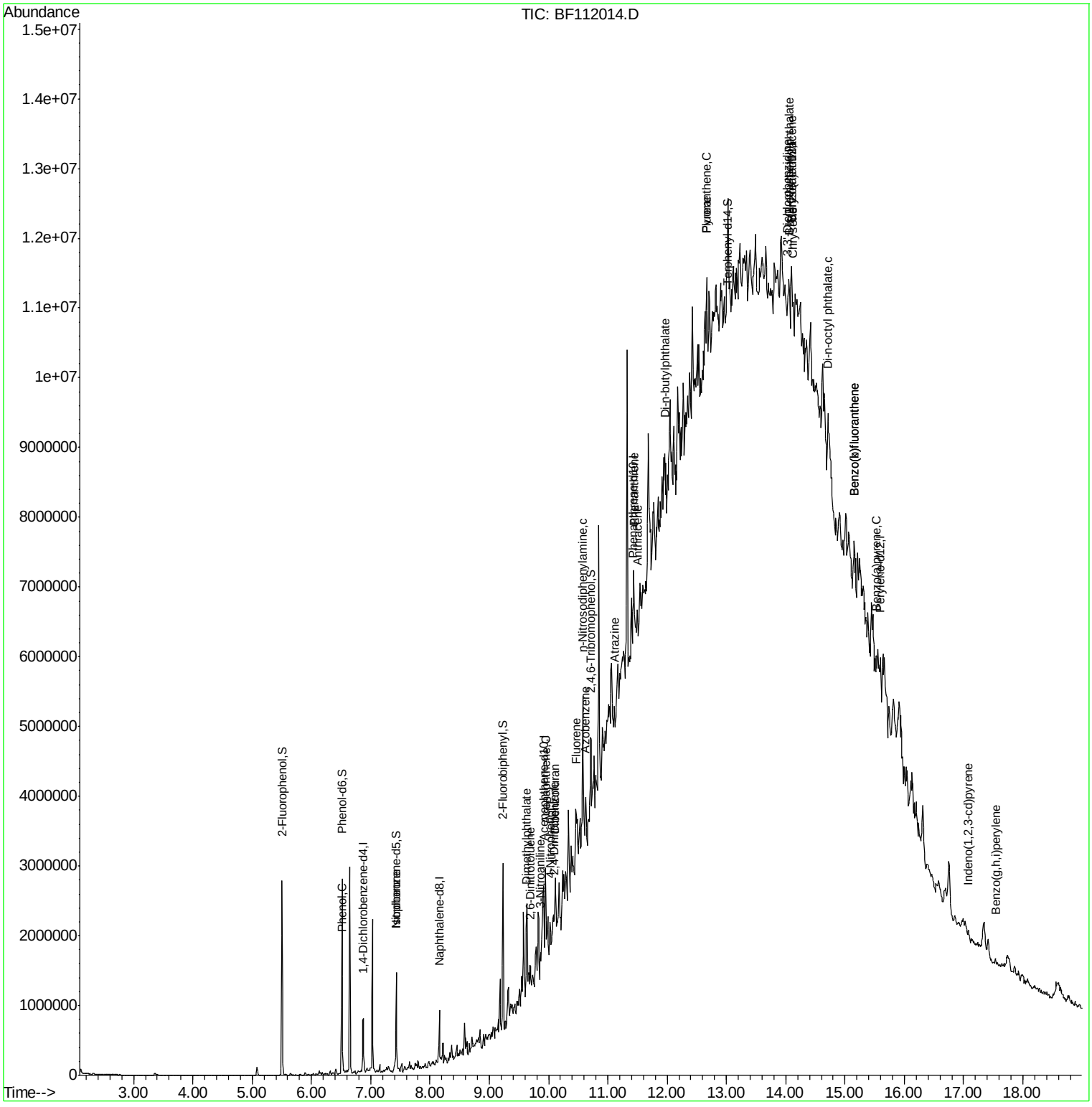
(#) = qualifier out of range (m) = manual integration (+) = signals summed

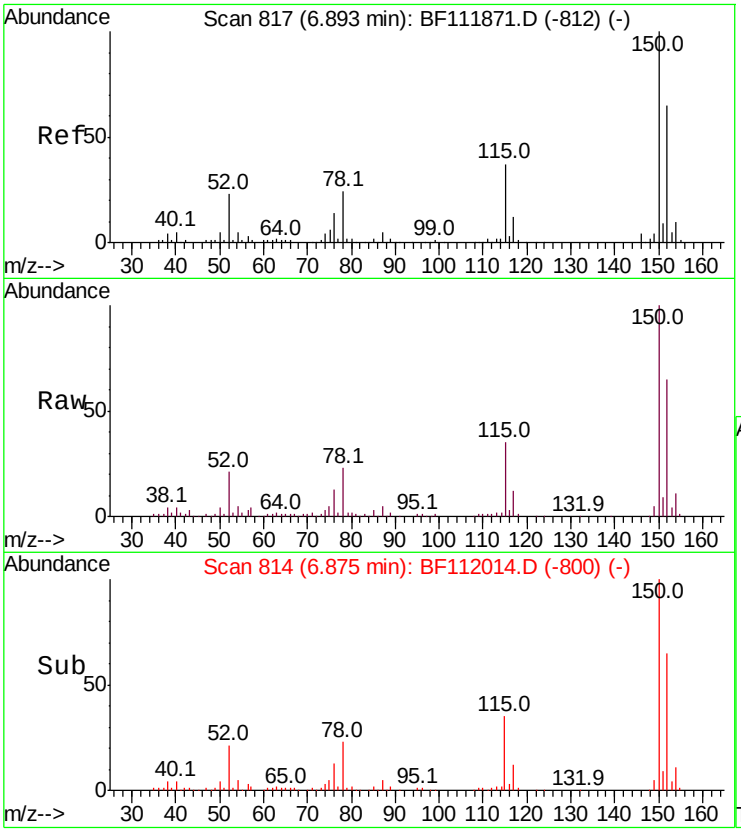
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112014.D
Acq On : 11 Jan 2019 14:46
Operator : JU/SJ
Sample : K1088-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 11 21:22:00 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



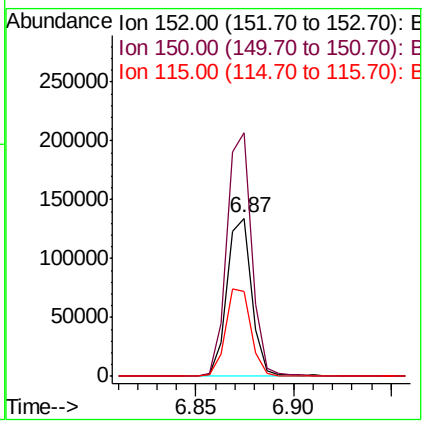


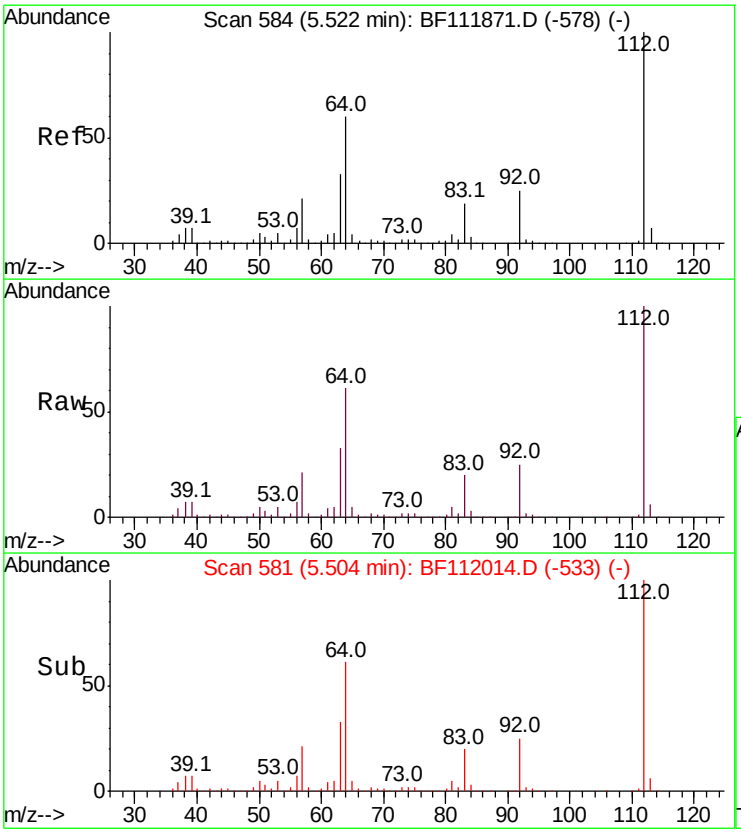
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 118852

Ion	Ratio	Lower	Upper
152	100		
150	153.7	122.7	184.1
115	53.7	45.2	67.8

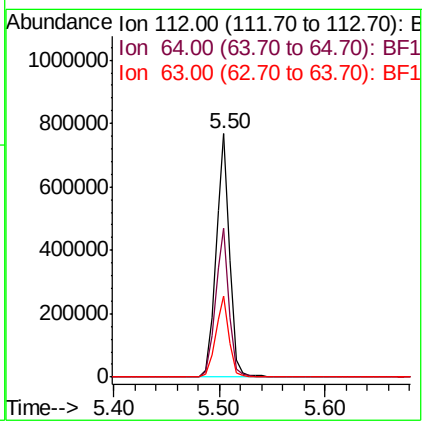


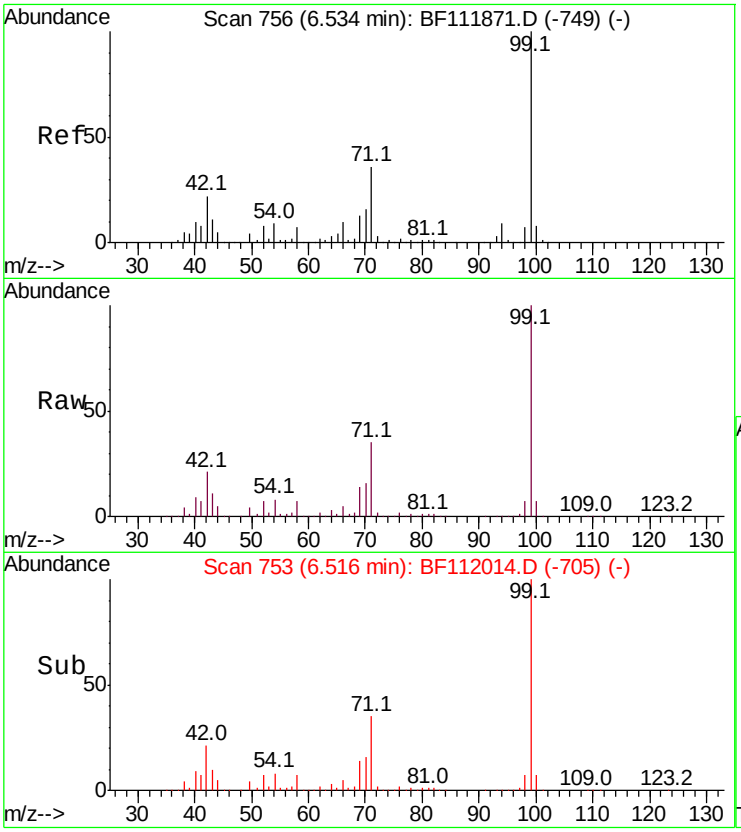


#5
2-Fluorophenol
Concen: 100.407 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.02 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Tgt Ion:112 Resp: 697538

Ion	Ratio	Lower	Upper
112	100		
64	61.4	48.3	72.5
63	33.5	26.1	39.1



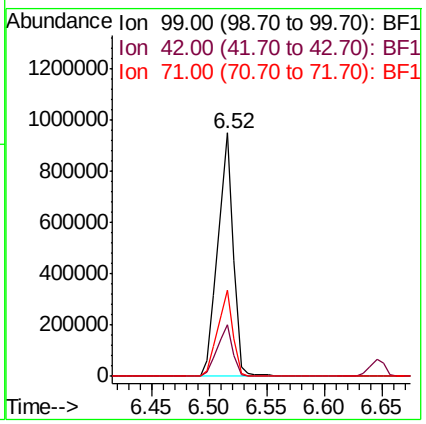


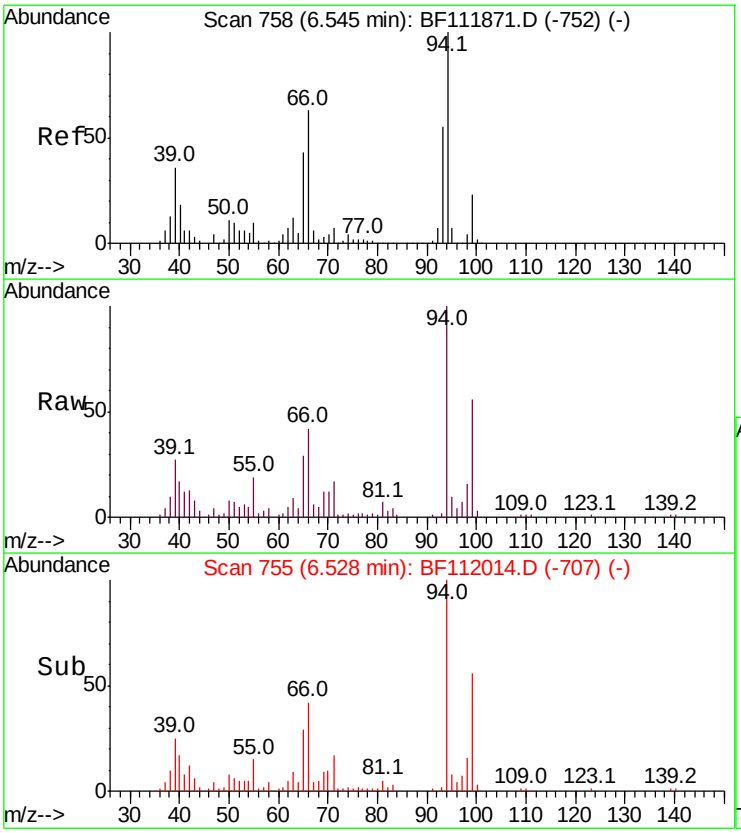
#7
Phenol-d6
Concen: 99.418 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 890187

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.9	26.9
71	35.2	28.7	43.1

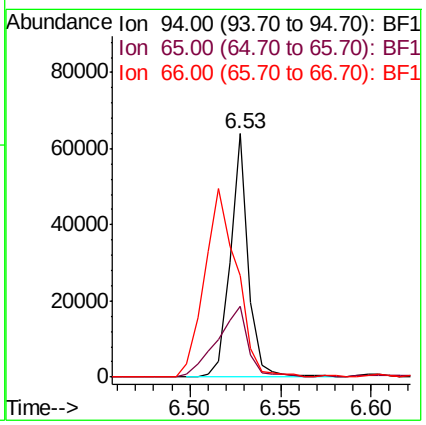


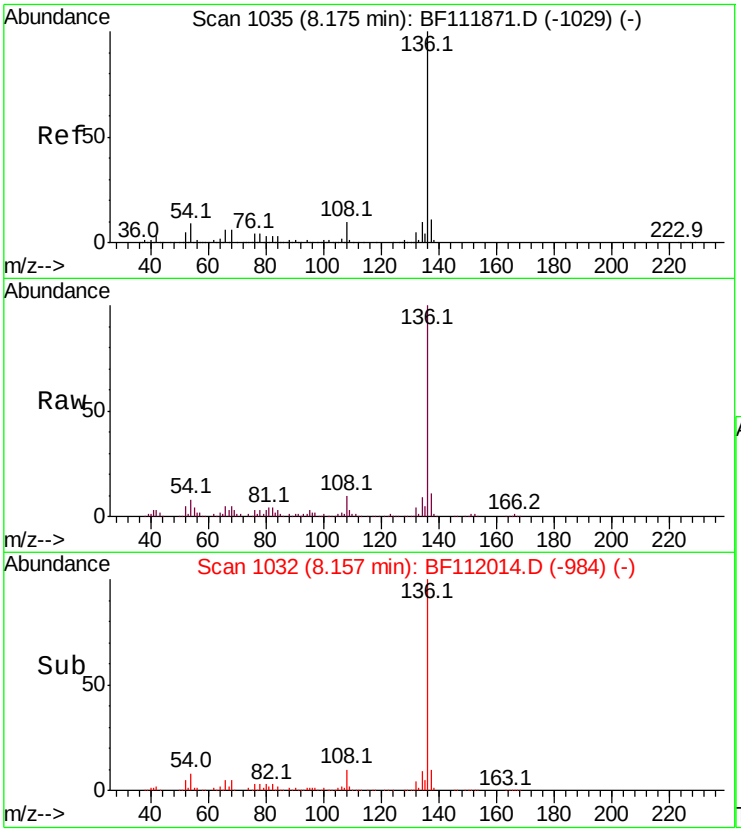


#10
Phenol
Concen: 4.557 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Tgt Ion: 94 Resp: 44352

Ion	Ratio	Lower	Upper
94	100		
65	29.1	22.8	62.8
66	41.6	43.3	83.3#



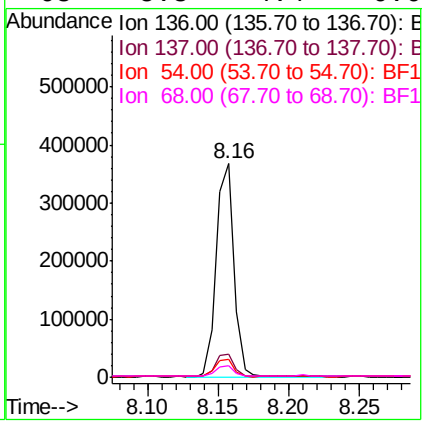


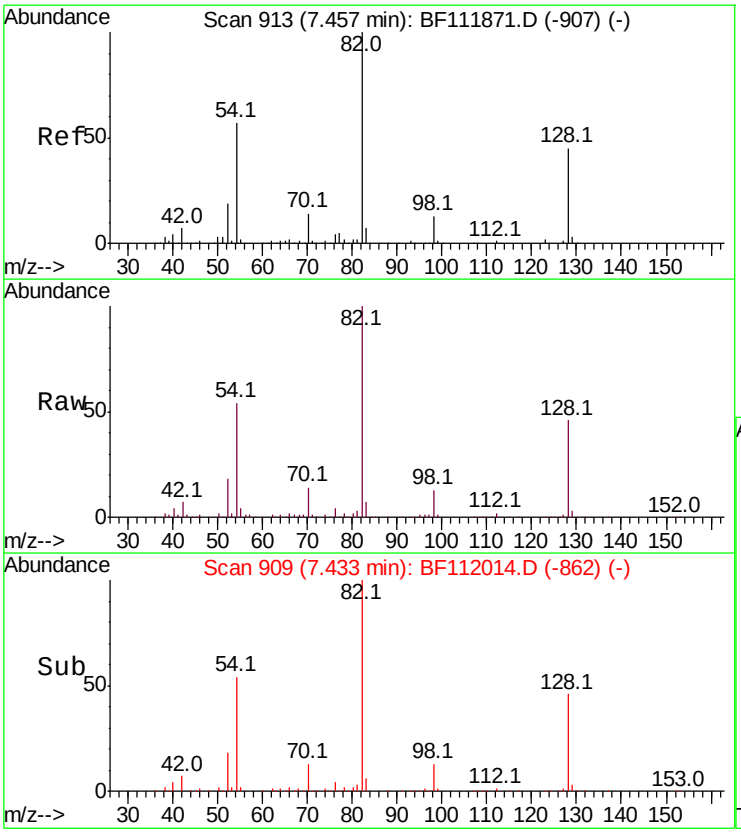
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 321757

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.1	7.2	10.8
68	5.3	4.4	6.6

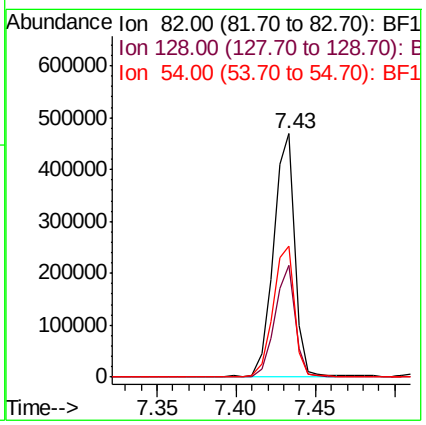


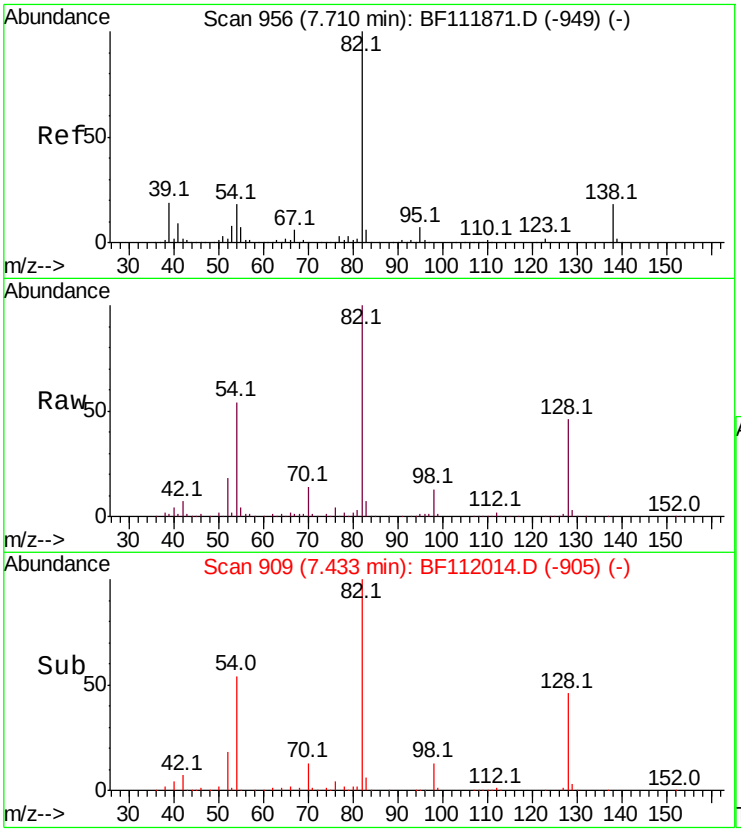


#23
Nitrobenzene-d5
Concen: 72.374 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Tgt Ion: 82 Resp: 435714

Ion	Ratio	Lower	Upper
82	100		
128	45.9	35.7	53.5
54	53.9	45.8	68.8



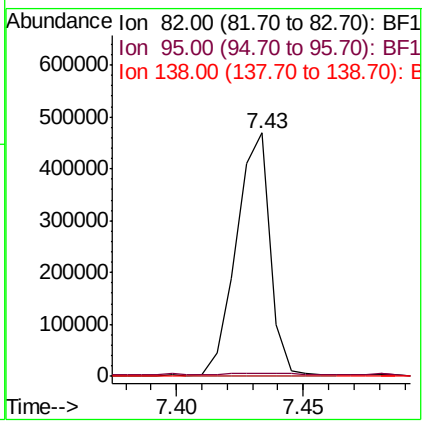


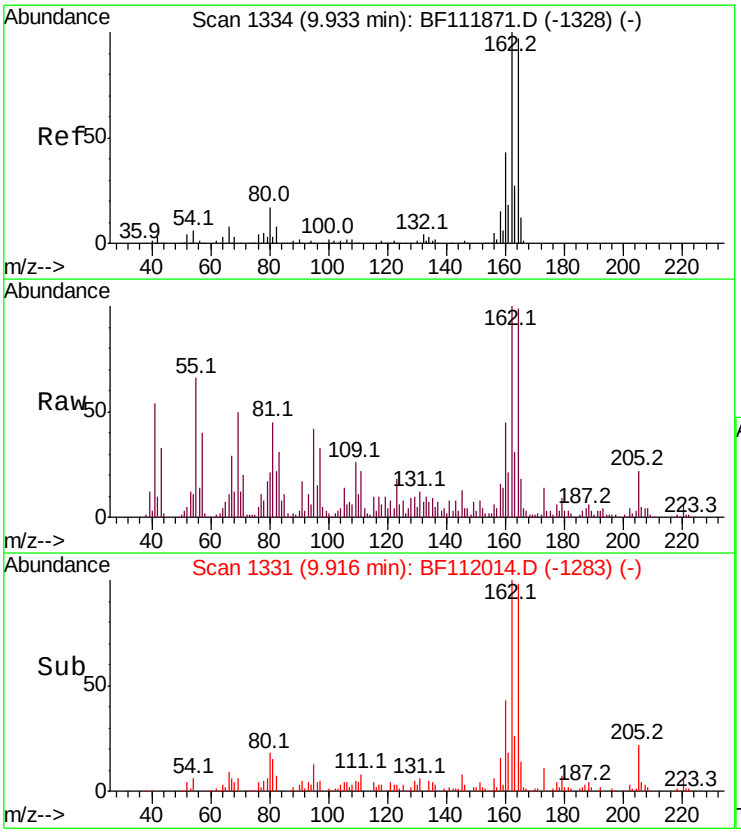
#25
Isophorone
Concen: 44.086 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.28 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 429788

Ion	Ratio	Lower	Upper
82	100		
95	1.1	5.8	8.6#
138	0.0	14.4	21.6#

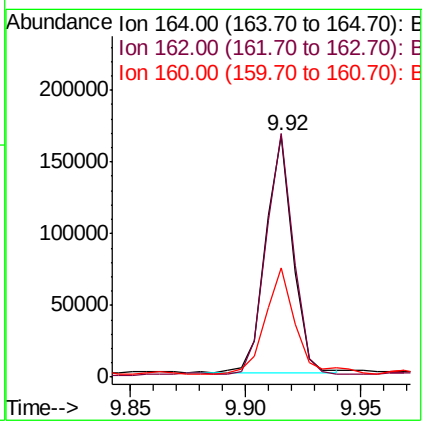


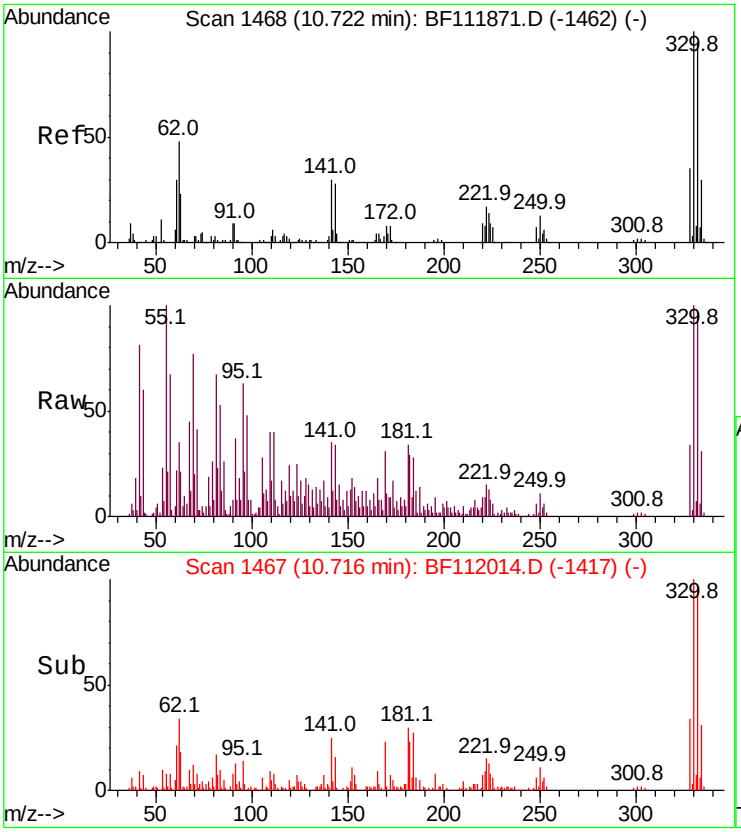


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Tgt Ion:164 Resp: 136723

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.2	123.2
160	45.1	35.5	53.3



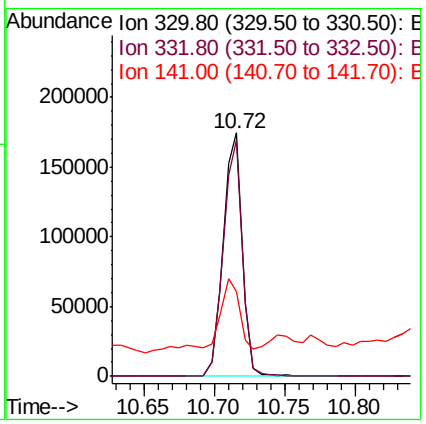


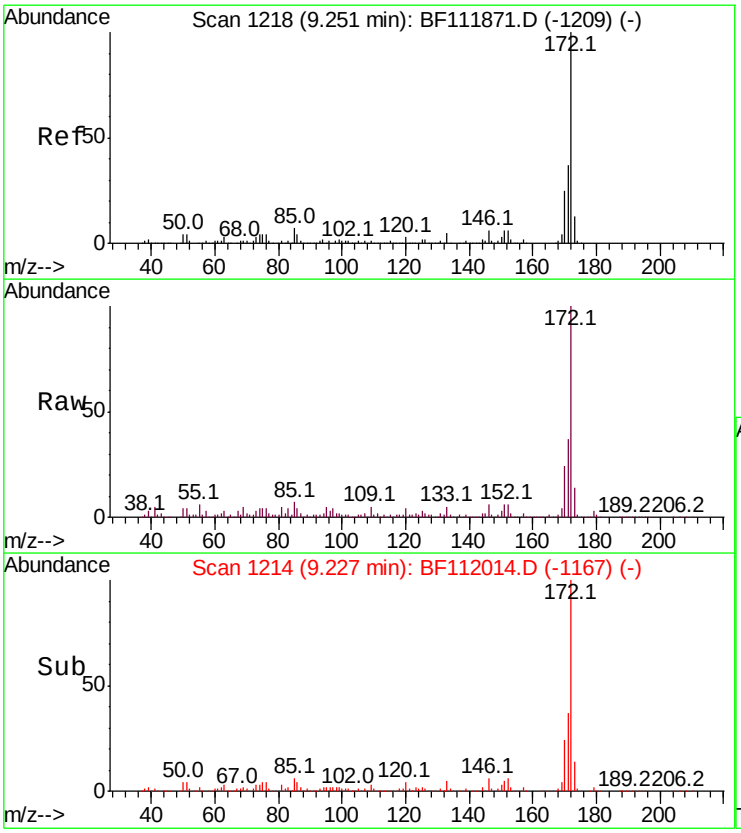
#42
2,4,6-Tribromophenol
Concen: 92.001 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 163611

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.9	115.3
141	26.9	23.7	35.5

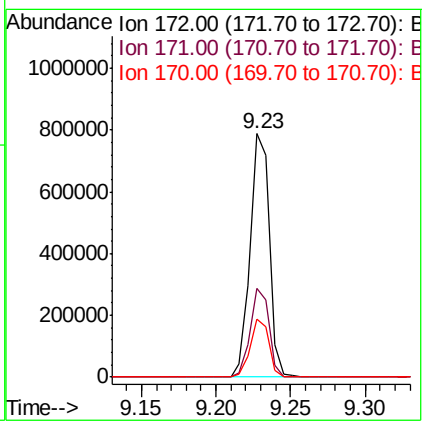


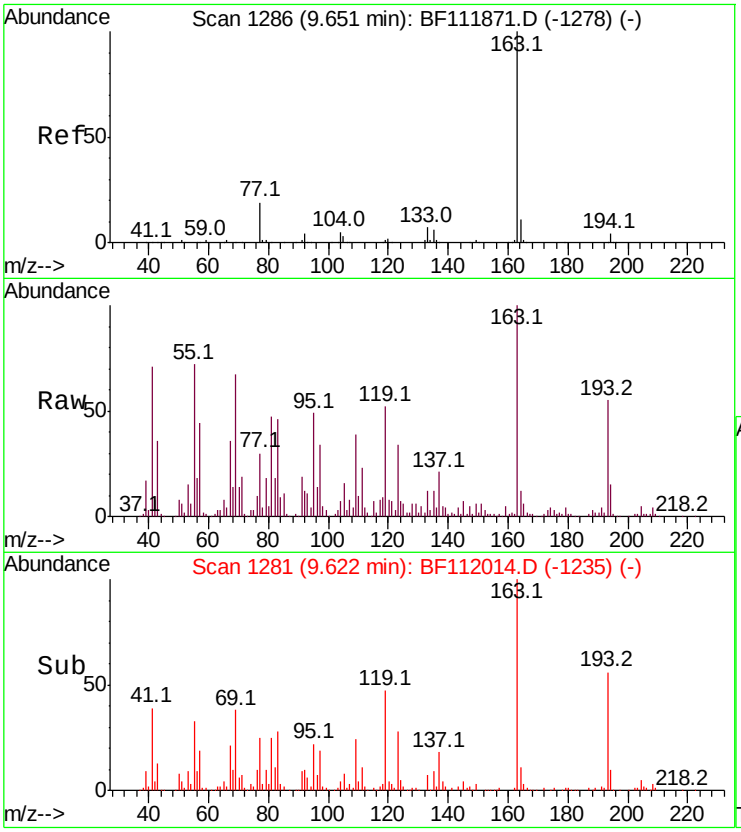


#45
2-Fluorobiphenyl
Concen: 74.373 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Tgt Ion:172 Resp: 697330

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.6	19.8	29.8



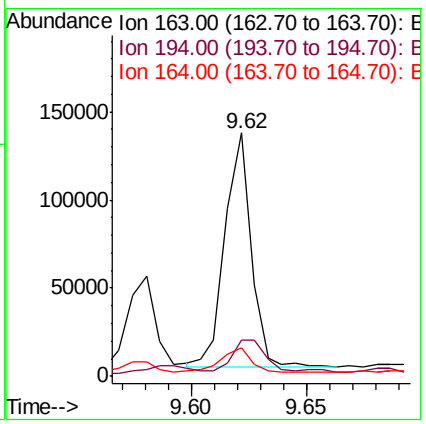


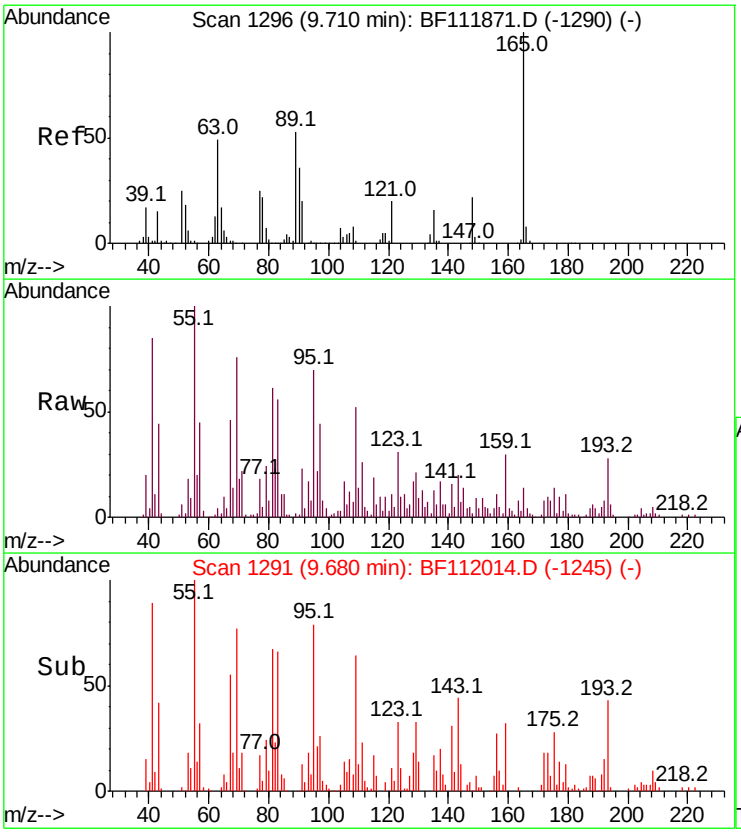
#50
Dimethylphthalate
Concen: 10.365 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 106459

Ion	Ratio	Lower	Upper
163	100		
194	14.8	3.4	5.2#
164	11.7	8.5	12.7

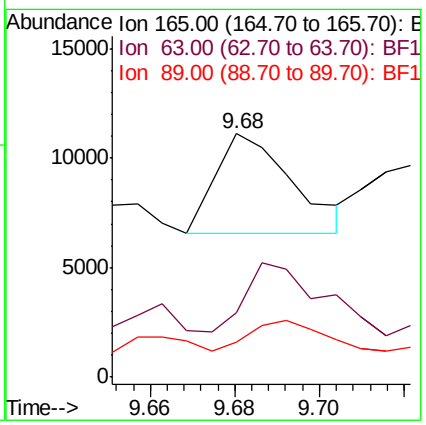


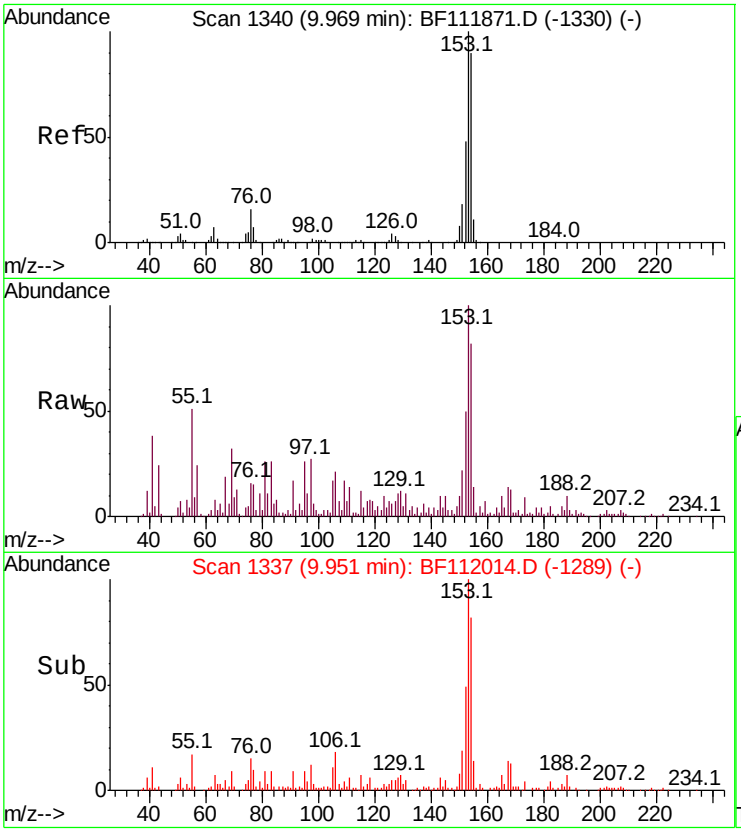


#51
2,6-Dinitrotoluene
Concen: 2.492 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.03 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Tgt Ion:165 Resp: 5723

Ion	Ratio	Lower	Upper
165	100		
63	26.5	46.2	69.2#
89	14.5	42.2	63.2#



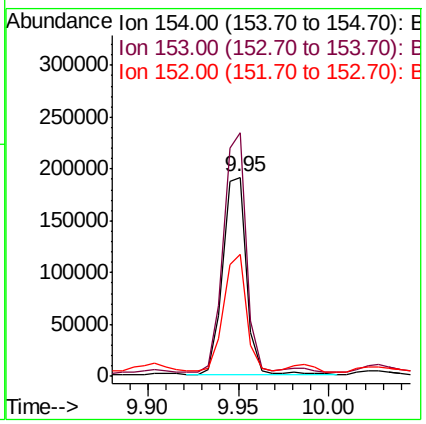


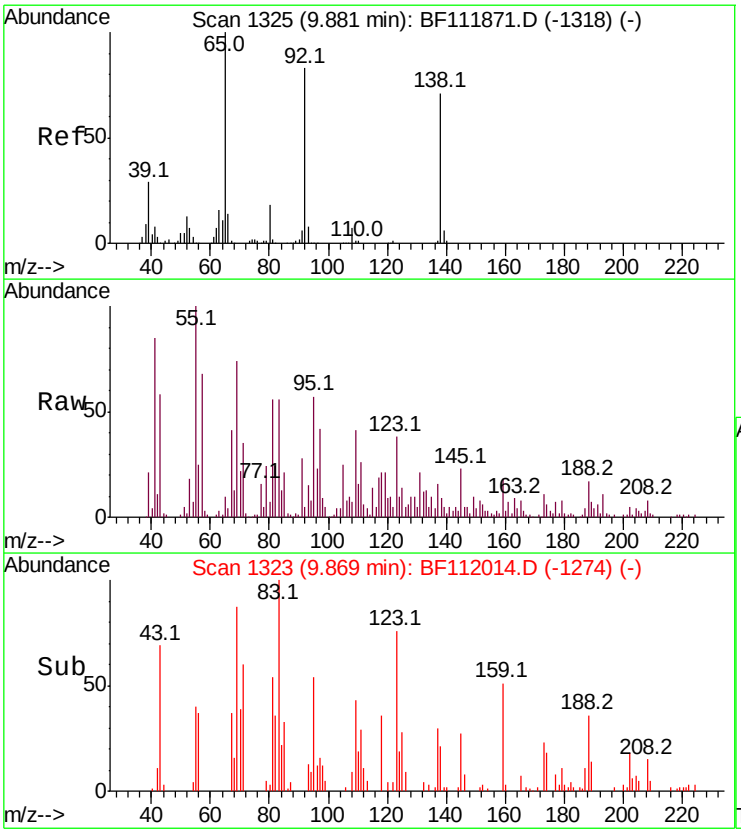
#52
Acenaphthene
Concen: 20.318 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 173823

Ion	Ratio	Lower	Upper
154	100		
153	122.4	89.4	134.0
152	61.5	43.1	64.7

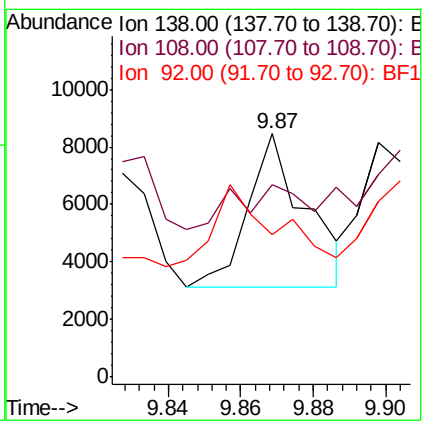


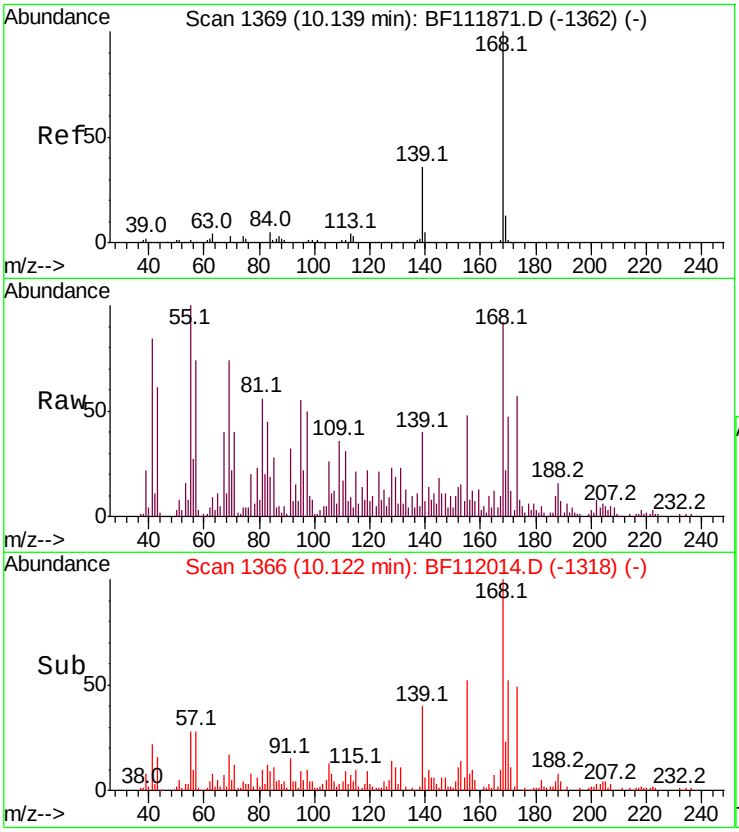


#53
3-Nitroaniline
Concen: 2.413 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Tgt Ion:138 Resp: 5936

Ion	Ratio	Lower	Upper
138	100		
108	78.9	8.2	12.4#
92	58.7	93.5	140.3#



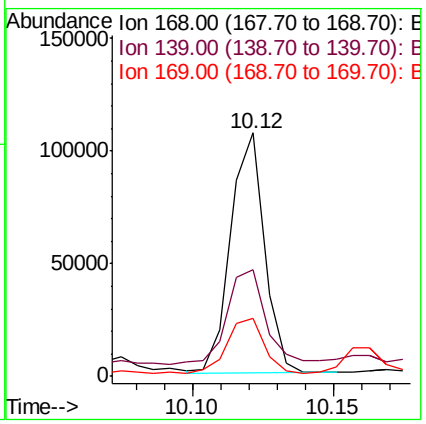


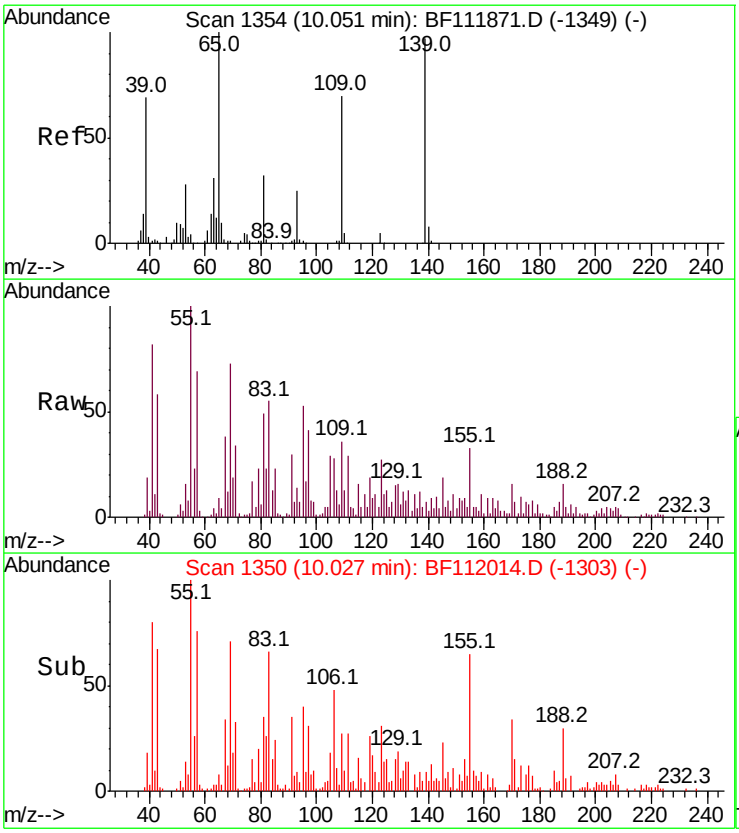
#55
Dibenzofuran
Concen: 7.165 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.02 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 89142

Ion	Ratio	Lower	Upper
168	100		
139	43.9	29.3	43.9
169	23.7	10.6	16.0#

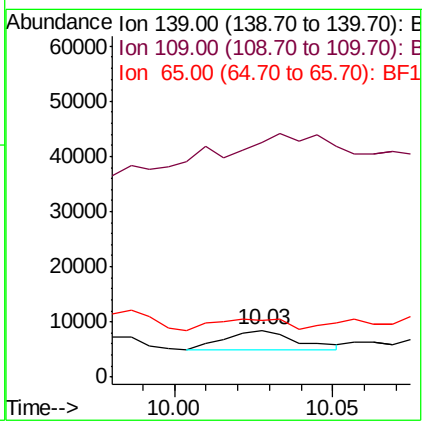


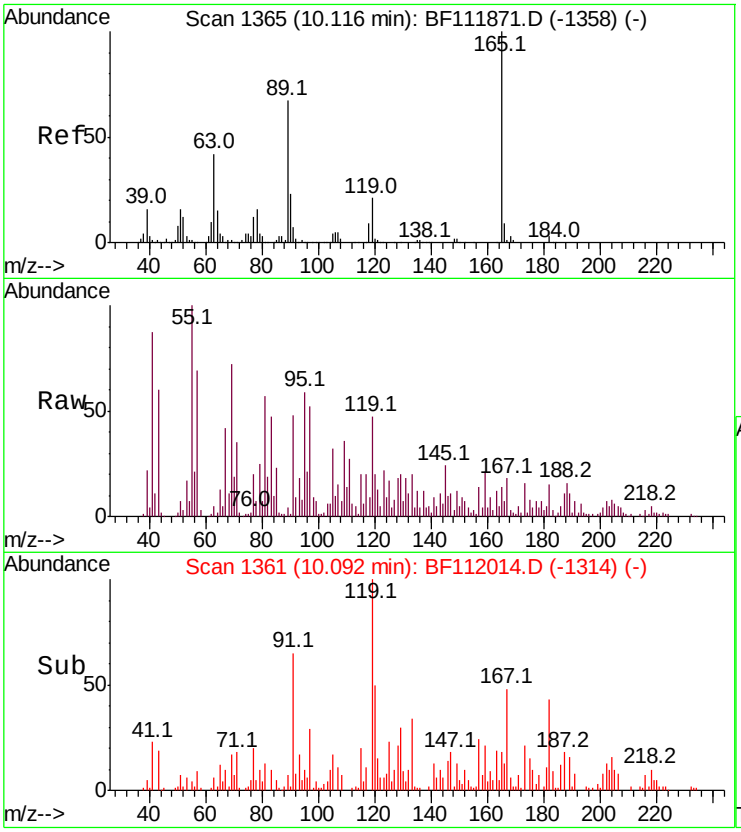


#56
4-Nitrophenol
Concen: 3.198 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Tgt Ion:139 Resp: 5557

Ion	Ratio	Lower	Upper
139	100		
109	500.9	52.2	92.2#
65	120.6	83.1	123.1



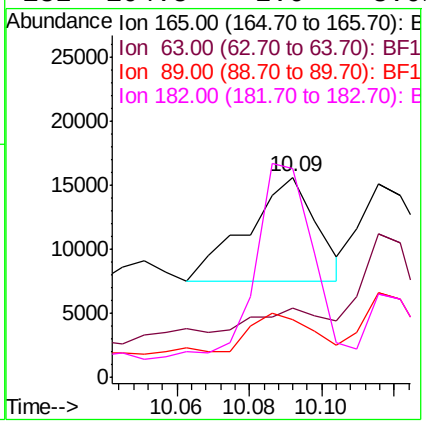


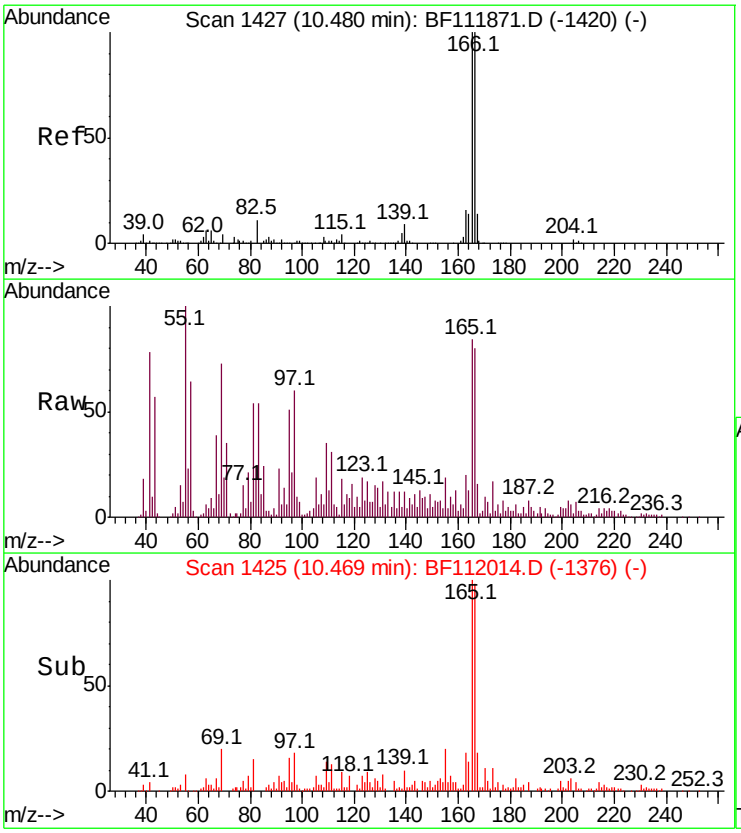
#57
2,4-Dinitrotoluene
Concen: 3.620 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 10744

Ion	Ratio	Lower	Upper
165	100		
63	34.2	34.1	51.1
89	28.8	53.5	80.3#
182	104.5	2.0	3.0#

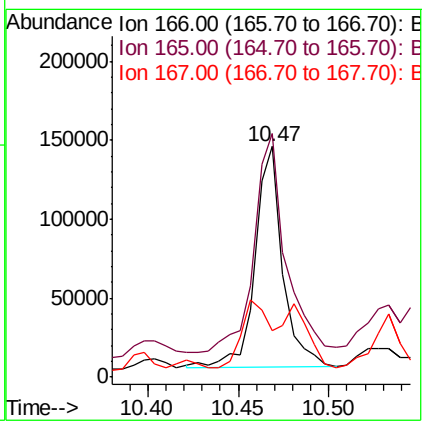


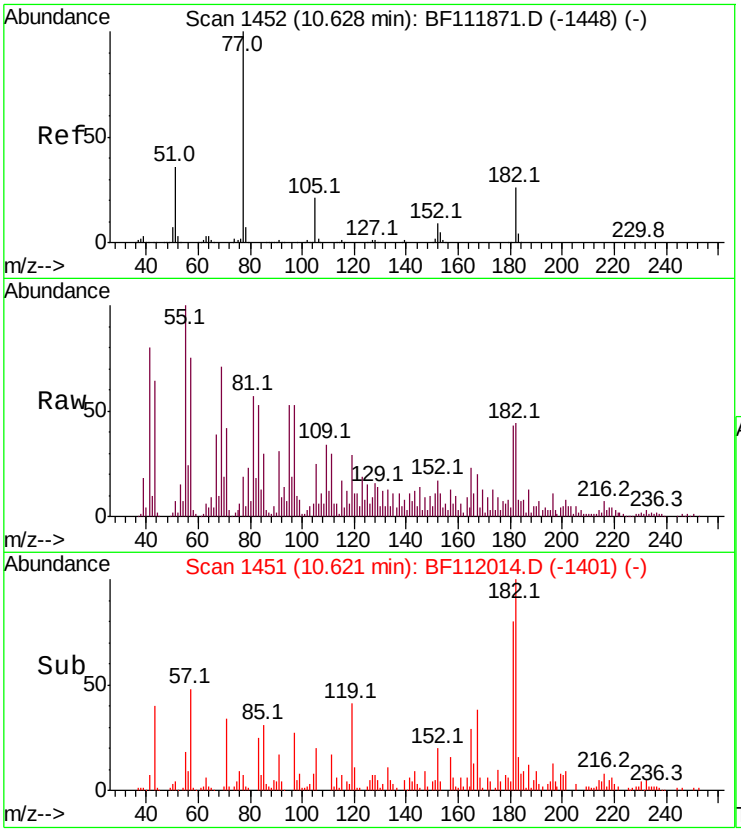


#58
Fluorene
Concen: 16.233 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Tgt Ion:166 Resp: 146957

Ion	Ratio	Lower	Upper
166	100		
165	105.7	79.7	119.5
167	20.0	11.1	16.7#



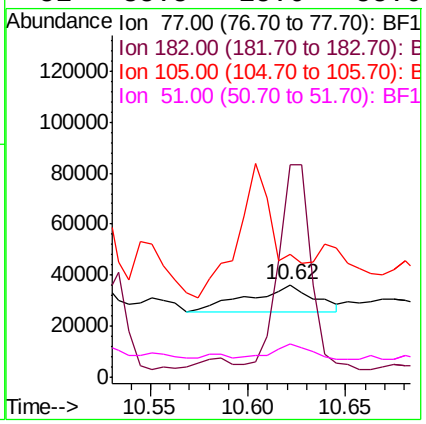


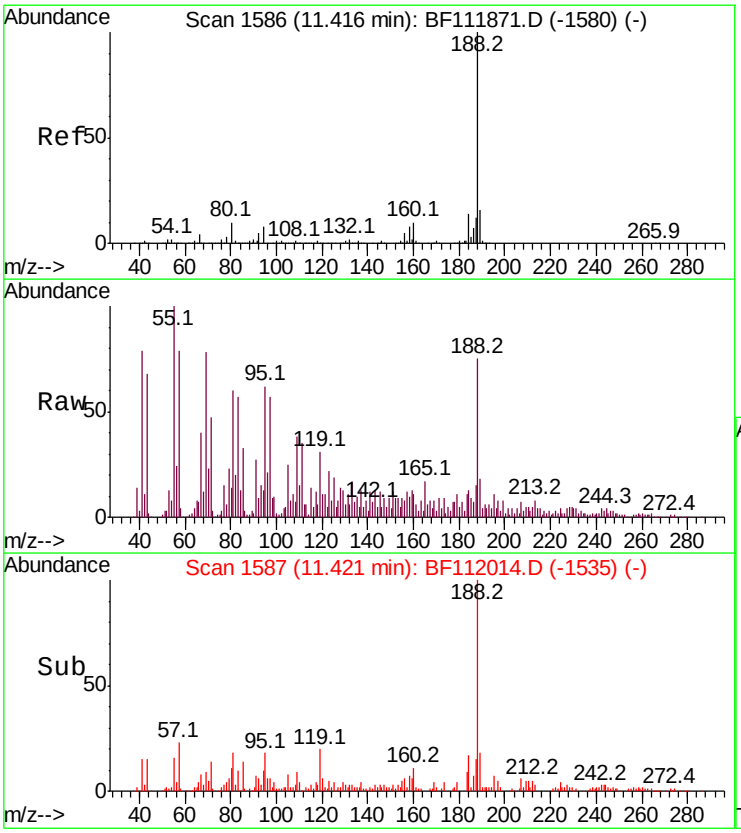
#63
Azobenzene
Concen: 2.668 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 25334

Ion	Ratio	Lower	Upper
77	100		
182	230.0	5.7	45.7#
105	133.0	0.8	40.8#
51	35.5	15.6	55.6

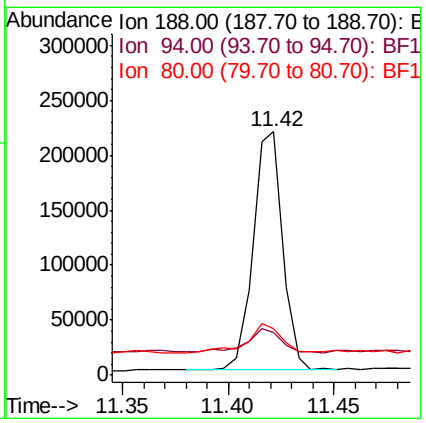


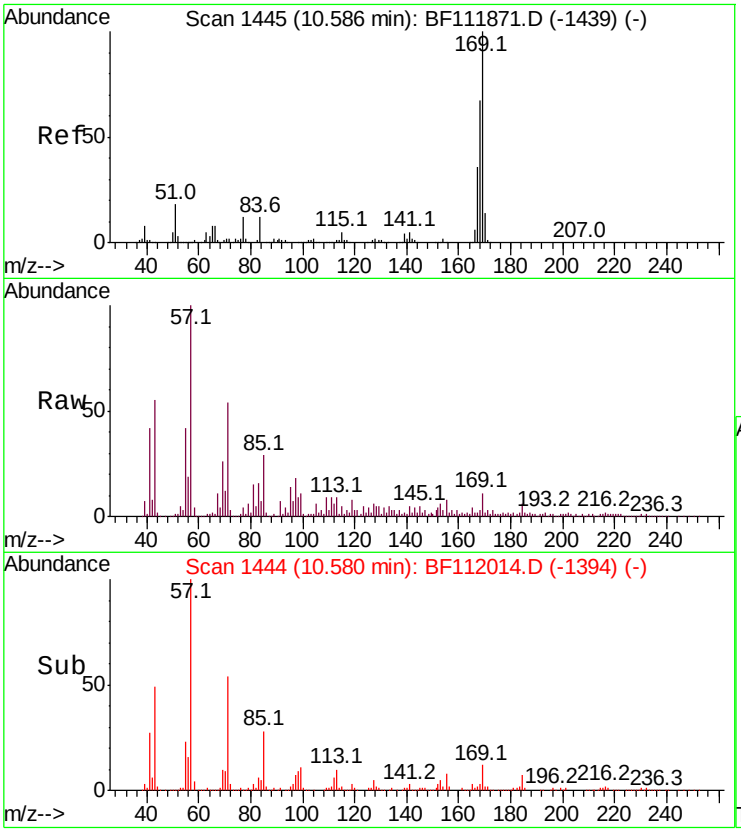


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Tgt Ion:188 Resp: 212268

Ion	Ratio	Lower	Upper
188	100		
94	17.7	6.6	10.0#
80	19.1	7.7	11.5#



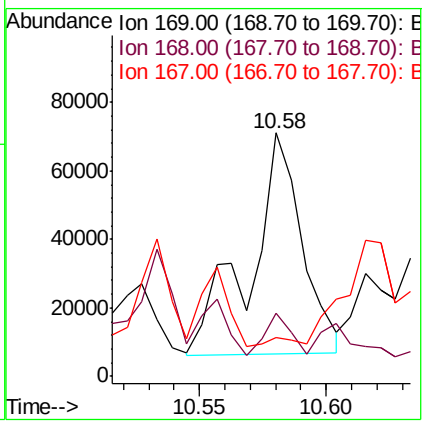


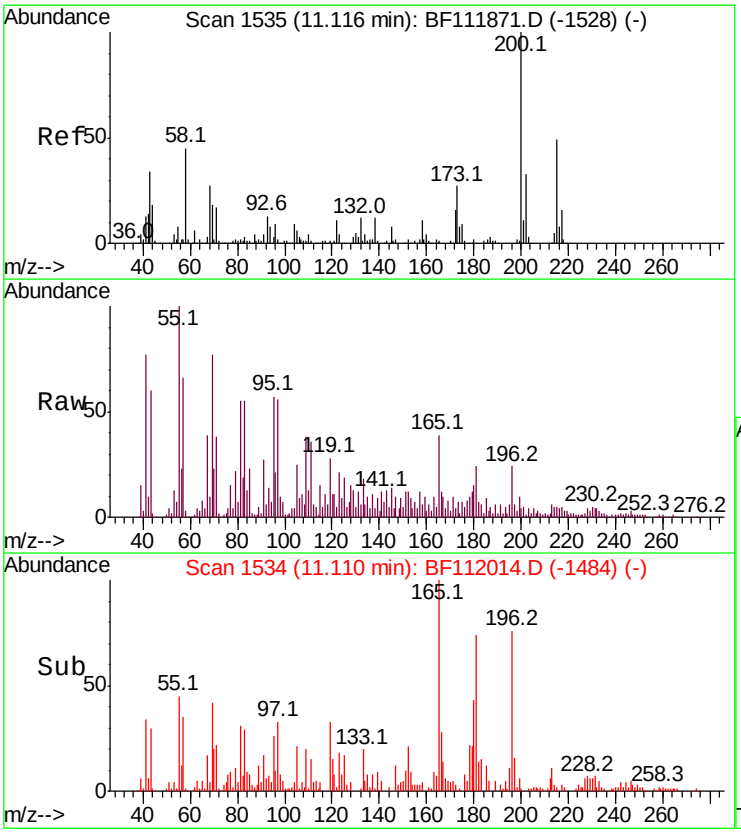
#66
n-Nitrosodiphenylamine
Concen: 13.097 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 93293

Ion	Ratio	Lower	Upper
169	100		
168	25.9	53.8	80.6#
167	16.2	29.1	43.7#

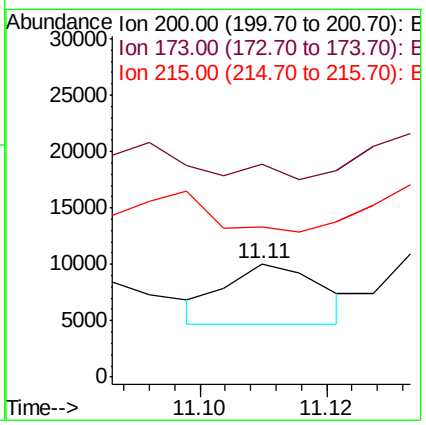


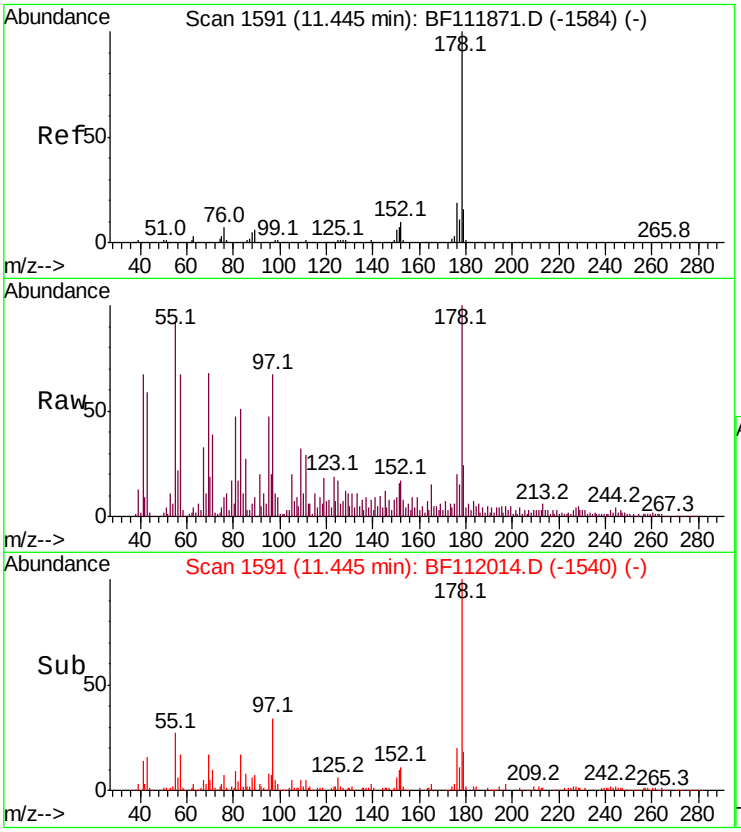


#69
Atrazine
Concen: 2.205 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Tgt Ion:200 Resp: 5518

Ion	Ratio	Lower	Upper
200	100		
173	188.4	6.6	46.6#
215	132.7	28.9	68.9#



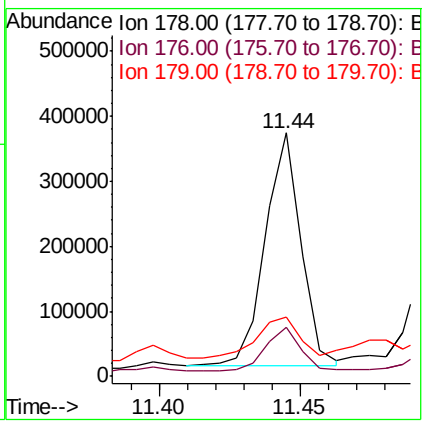


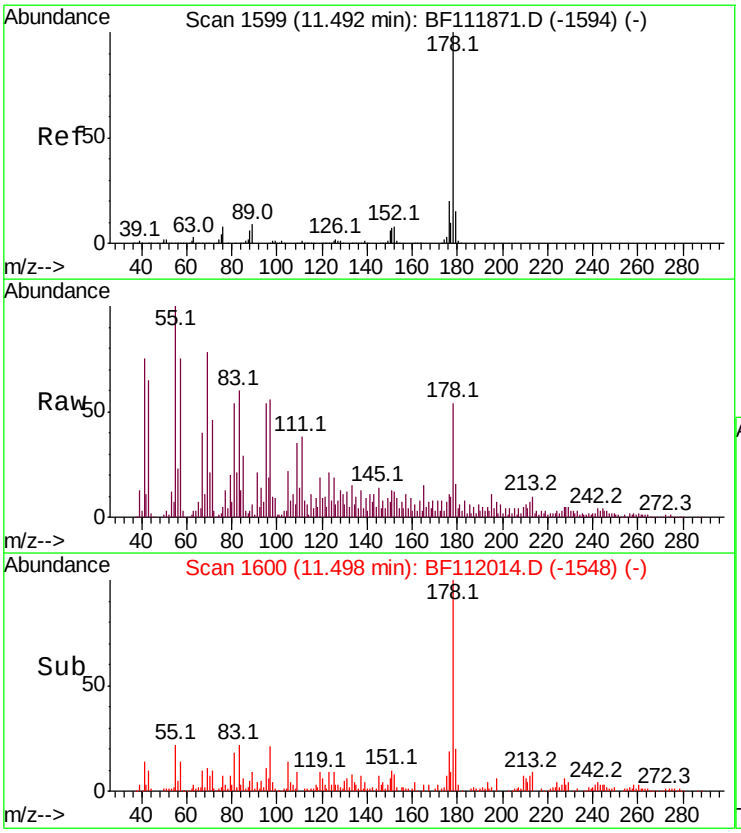
#71
Phenanthrene
Concen: 27.384 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 310778

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.6	23.4
179	24.4	12.6	18.8#

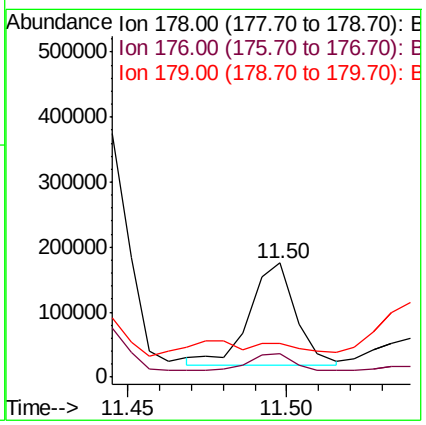


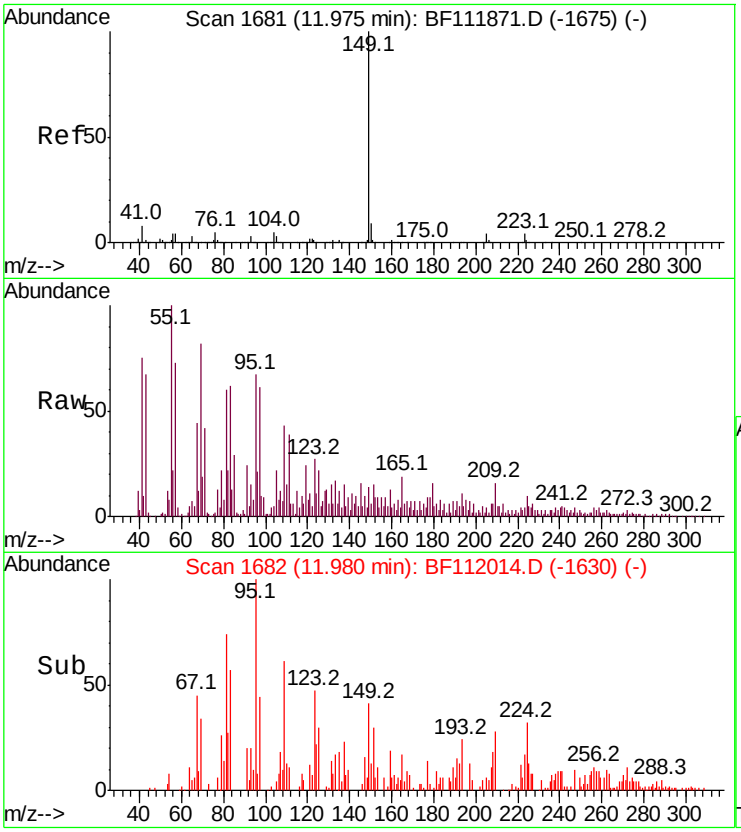


#72
Anthracene
Concen: 13.876 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Tgt Ion:178 Resp: 159857

Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.7	23.5
179	29.4	12.4	18.6#



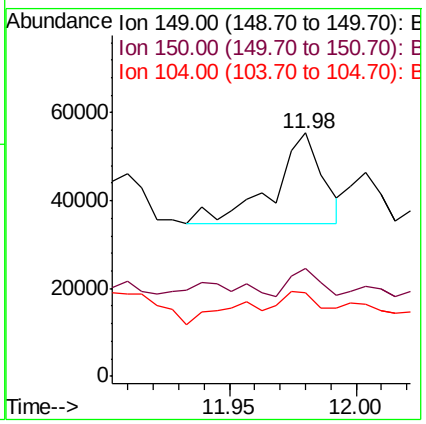


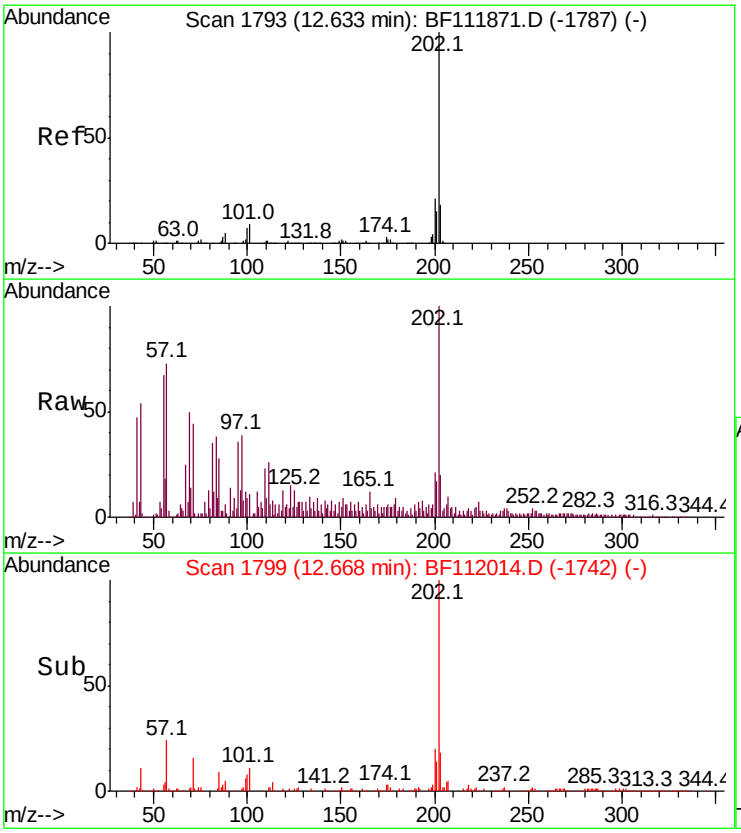
#74
Di-n-butylphthalate
Concen: 2.116 ng
RT: 11.98 min Scan# 1682
Delta R.T. 0.01 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 27540

Ion	Ratio	Lower	Upper
149	100		
150	44.4	7.5	11.3#
104	34.2	3.9	5.9#

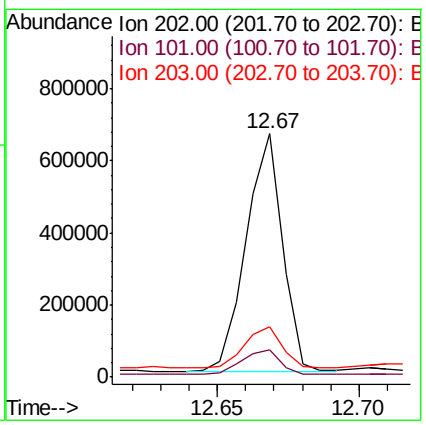


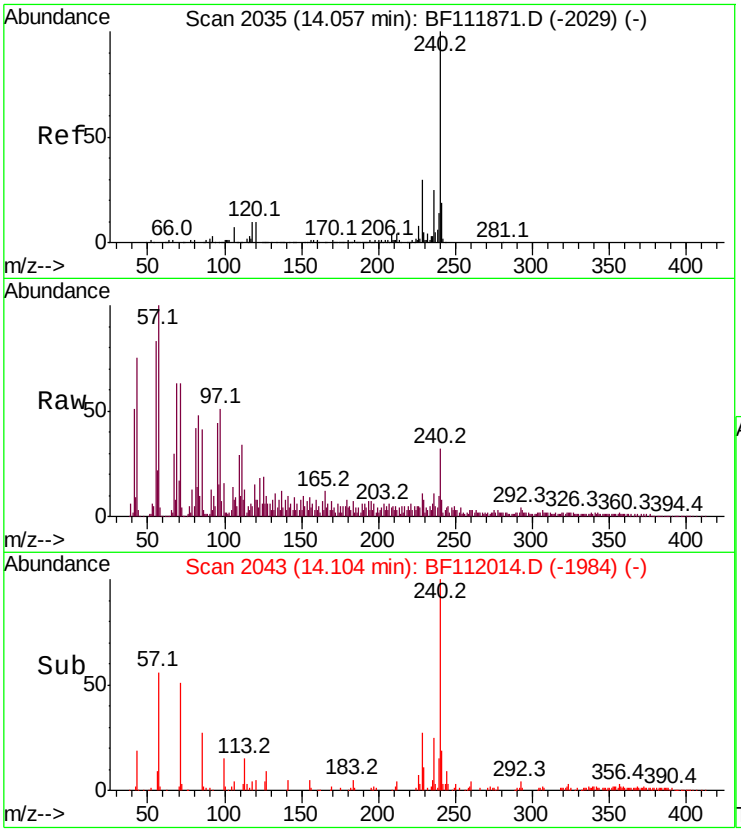


#75
Fluoranthene
Concen: 50.465 ng
RT: 12.67 min Scan# 1799
Delta R.T. 0.04 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Tgt Ion:202 Resp: 587954

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	29.3
203	20.4	0.0	37.6



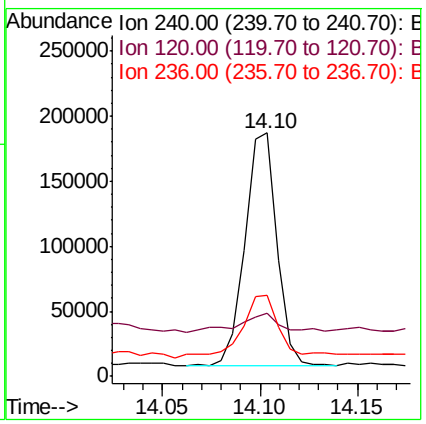


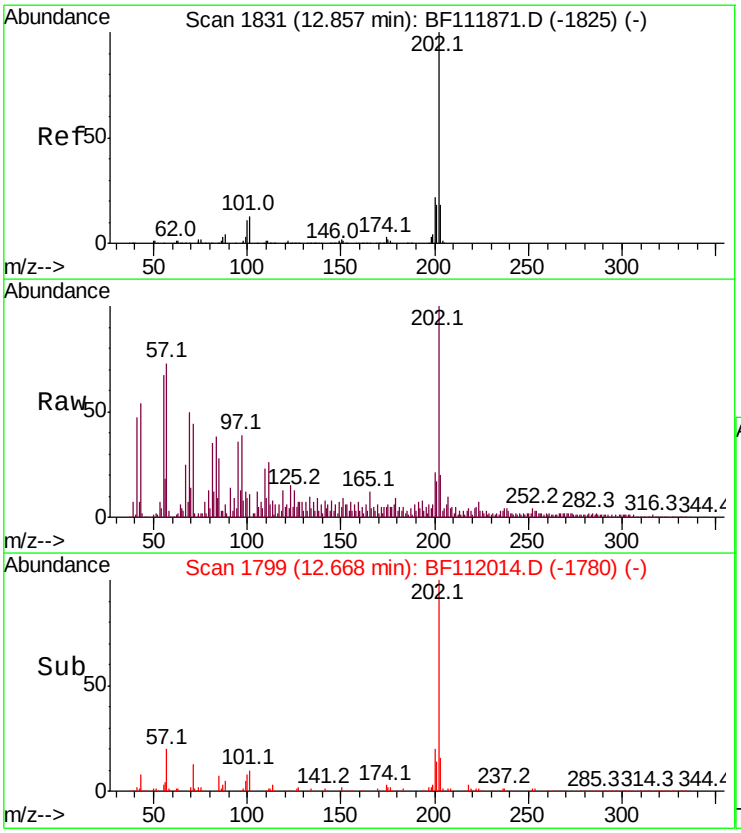
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.05 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 201378

Ion	Ratio	Lower	Upper
240	100		
120	25.8	8.2	12.2#
236	33.5	20.2	30.4#

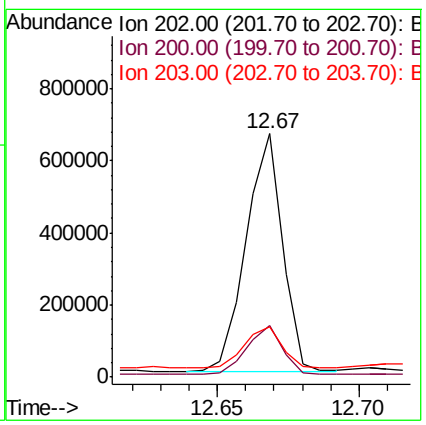


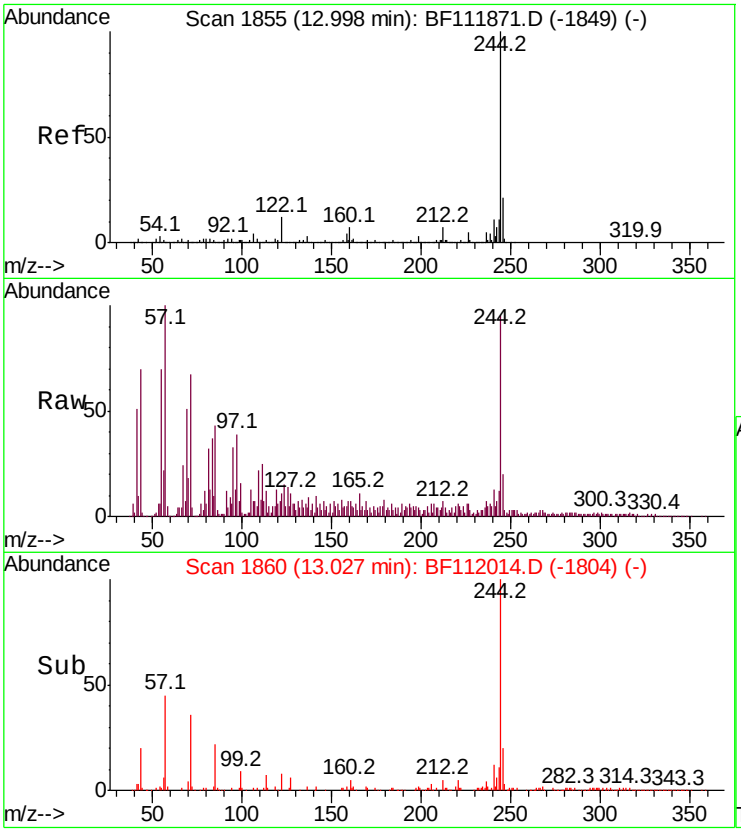


#78
Pyrene
Concen: 42.433 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.19 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Tgt Ion:202 Resp: 587954

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	20.4	14.6	21.8



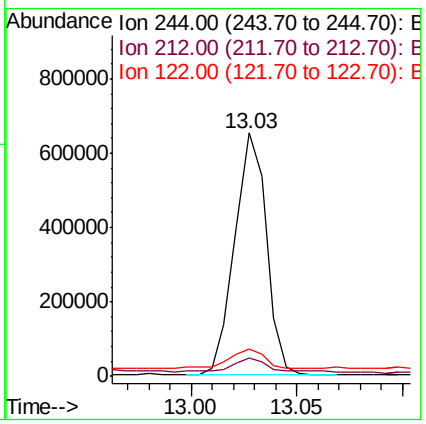


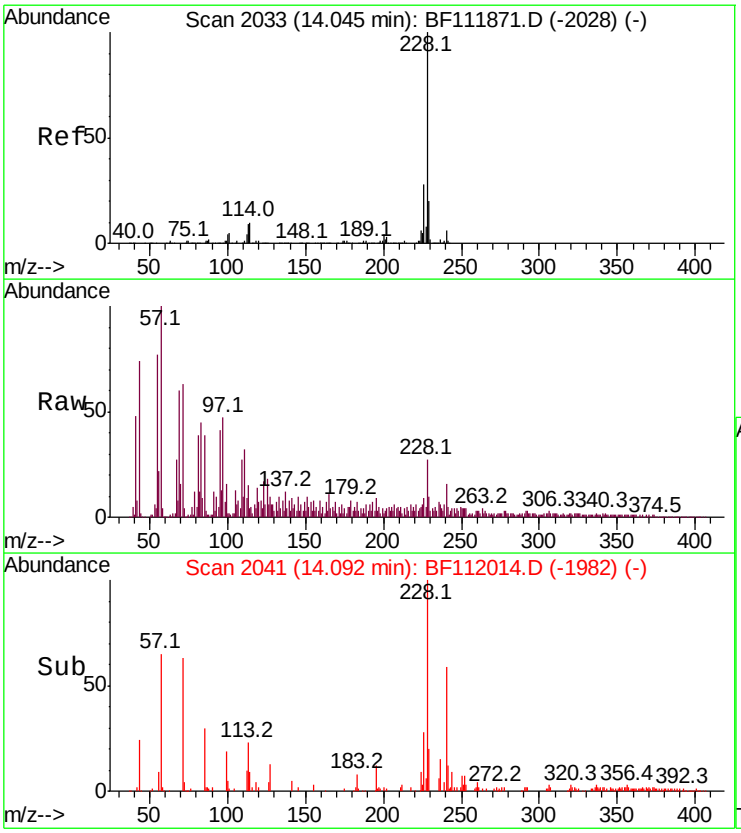
#79
Terphenyl-d14
Concen: 63.279 ng
RT: 13.03 min Scan# 1860
Delta R.T. 0.03 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 671308

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	11.3	9.5	14.3

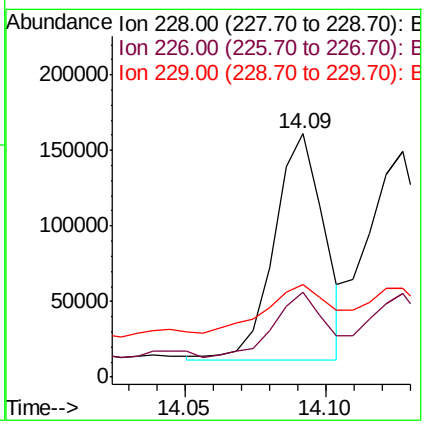


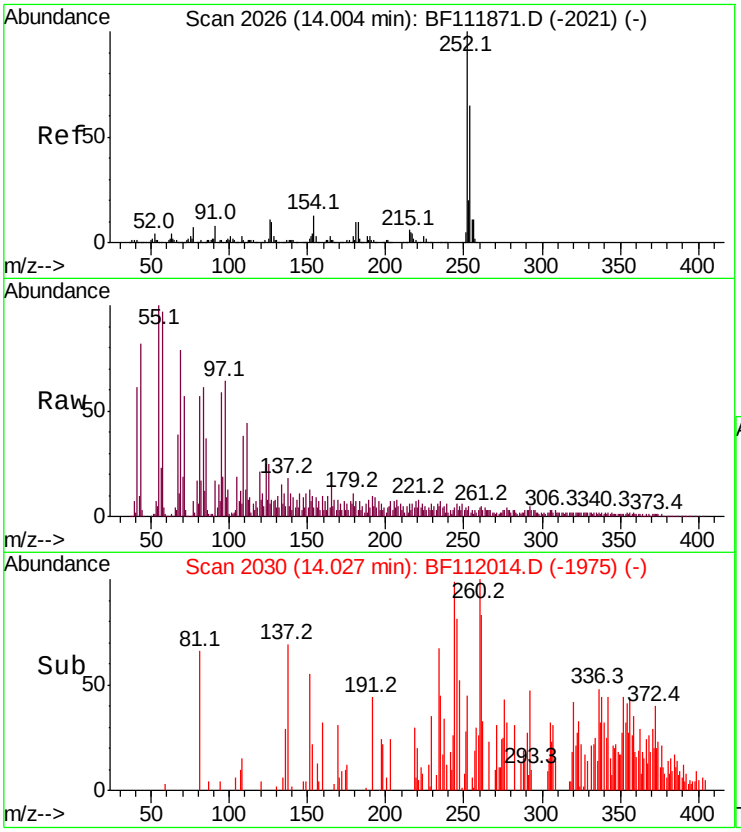


#81
Benzo(a)anthracene
Concen: 15.901 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.05 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Tgt Ion:228 Resp: 184288

Ion	Ratio	Lower	Upper
228	100		
226	35.0	22.2	33.2#
229	37.9	16.2	24.2#



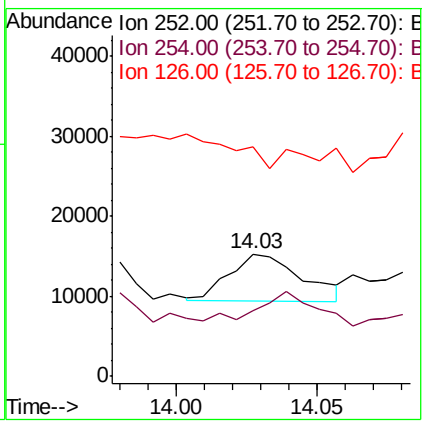


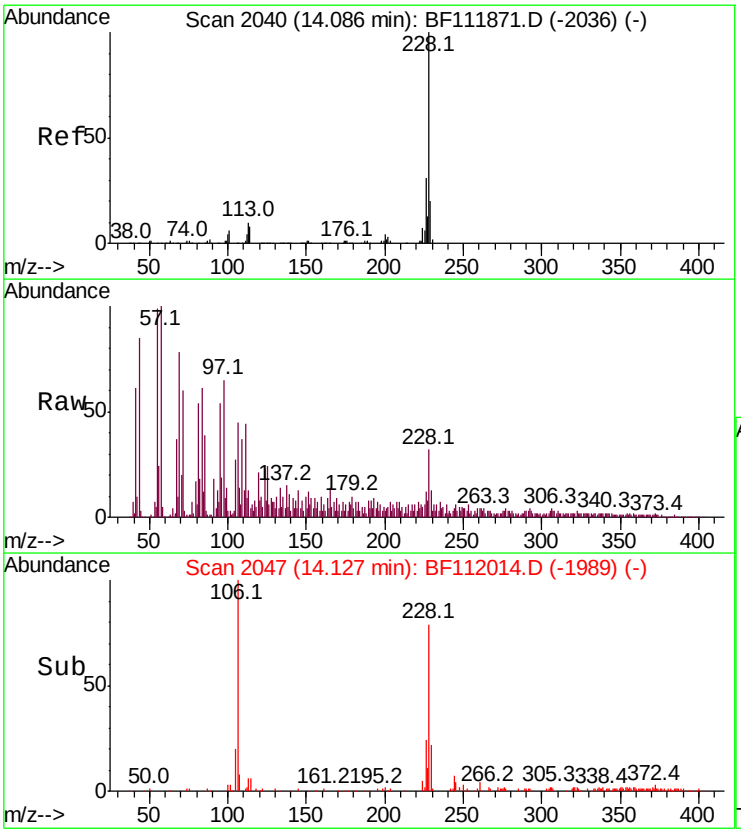
#82
3,3'-Dichlorobenzidine
Concen: 2.441 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.02 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 10446

Ion	Ratio	Lower	Upper
252	100		
254	53.4	52.1	78.1
126	187.4	8.6	12.8#

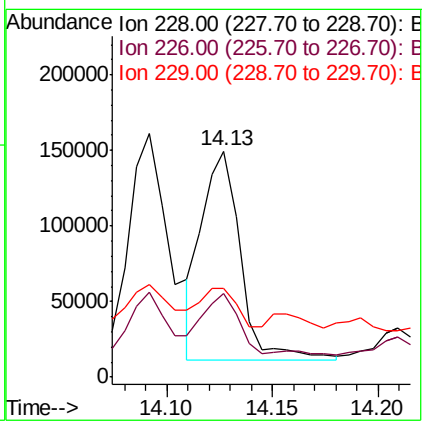


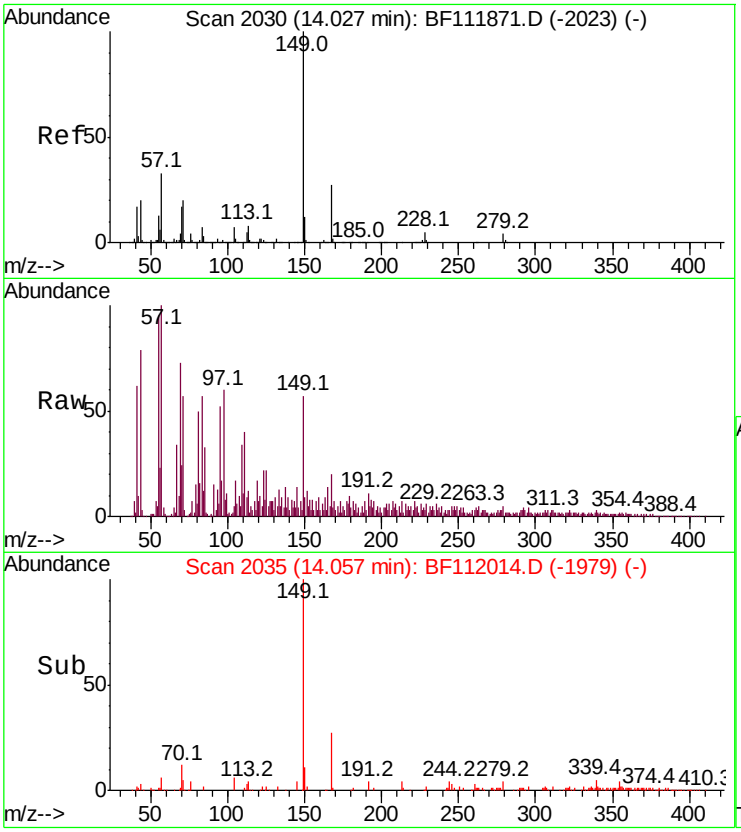


#83
Chrysene
Concen: 15.908 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.04 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Tgt Ion:228 Resp: 175790

Ion	Ratio	Lower	Upper
228	100		
226	37.2	24.6	37.0#
229	39.3	15.7	23.5#



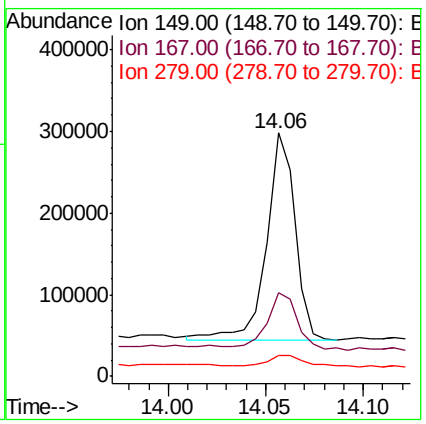


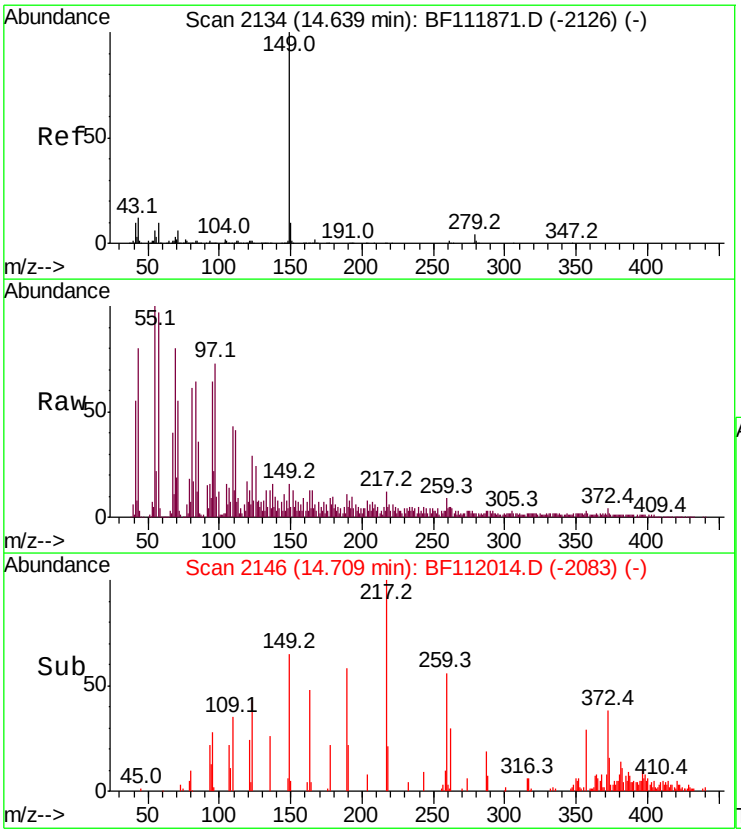
#84
Bis(2-ethylhexyl)phthalate
Concen: 33.505 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.03 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 257755

Ion	Ratio	Lower	Upper
149	100		
167	34.4	21.5	32.3#
279	8.5	3.0	4.6#

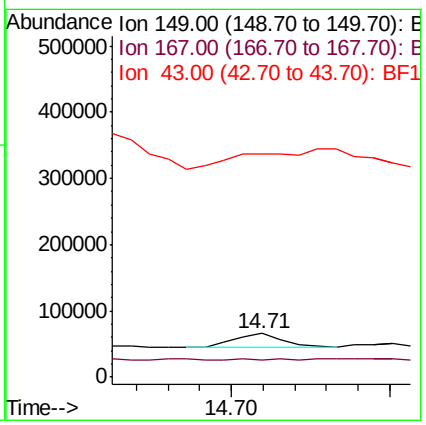


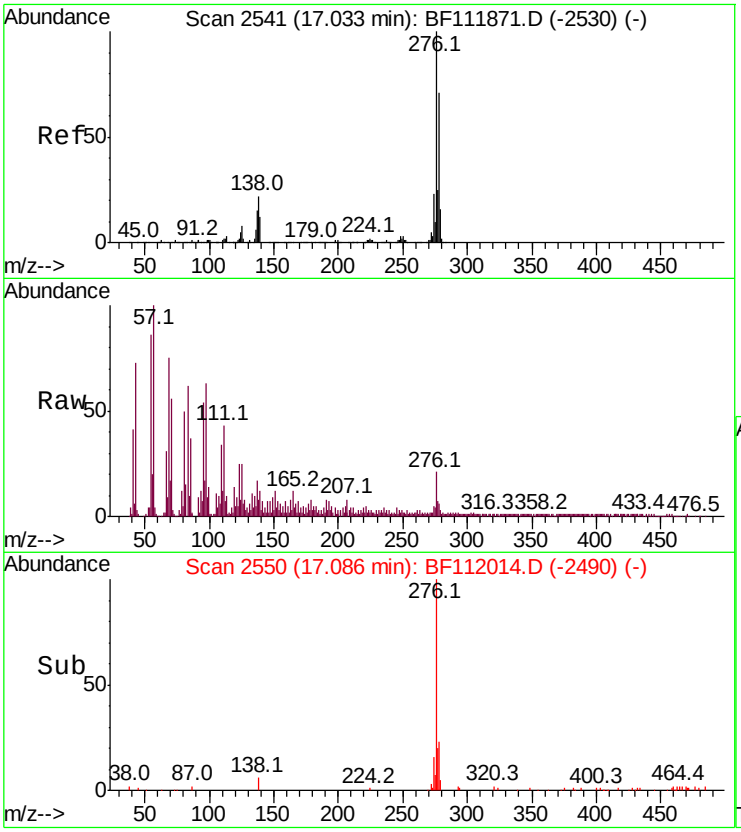


#85
Di-n-octyl phthalate
Concen: 2.034 ng
RT: 14.71 min Scan# 2146
Delta R.T. 0.07 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Tgt Ion:149 Resp: 22389

Ion	Ratio	Lower	Upper
149	100		
167	30.5	1.3	1.9#
43	623.6	9.1	13.7#



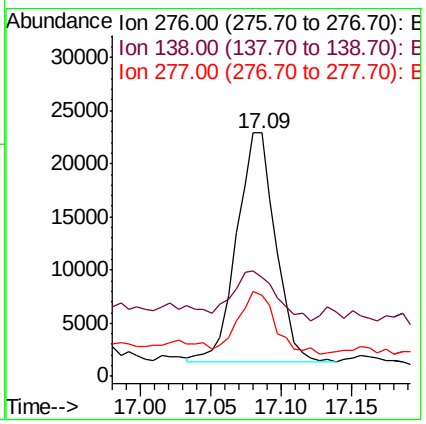


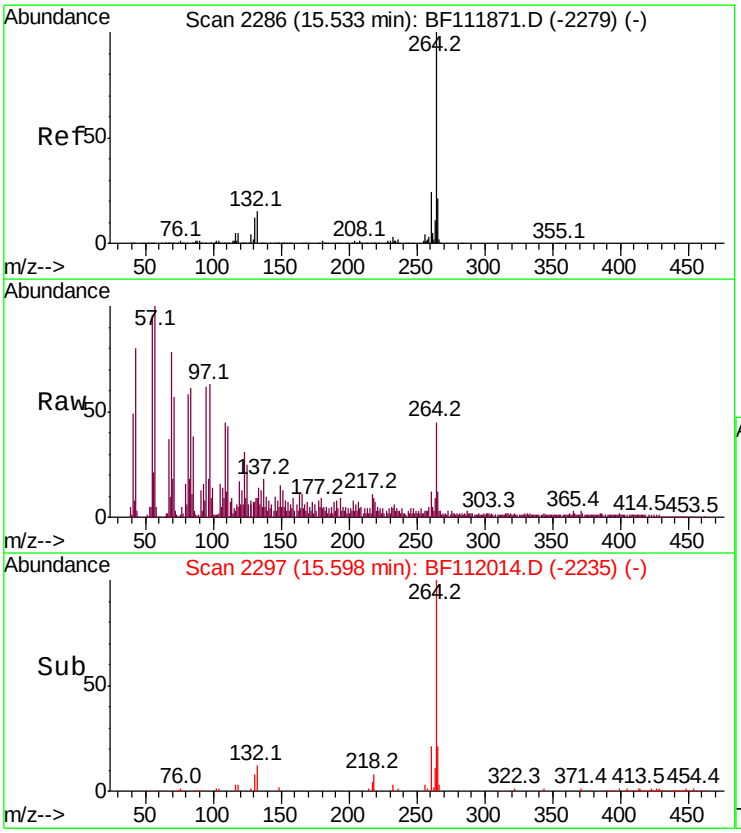
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.173 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.05 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 41677

Ion	Ratio	Lower	Upper
276	100		
138	23.4	18.1	27.1
277	26.4	19.9	29.9

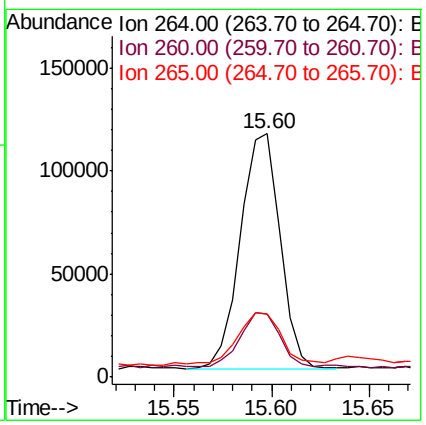


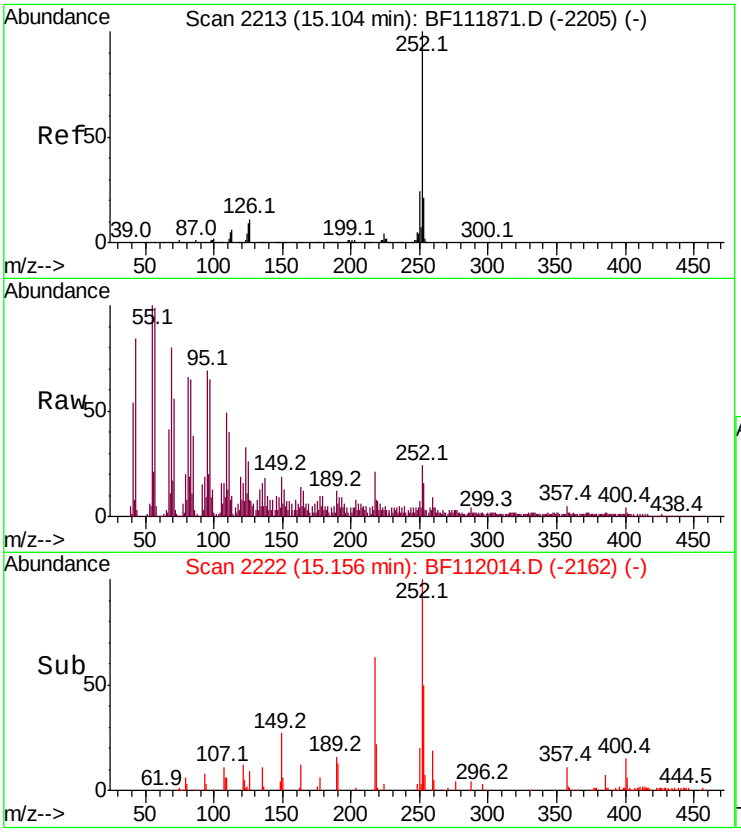


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.06 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Tgt Ion:264 Resp: 160583

Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.2	28.8
265	25.9	17.1	25.7#



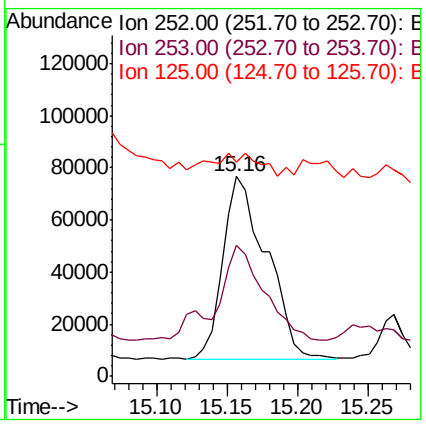


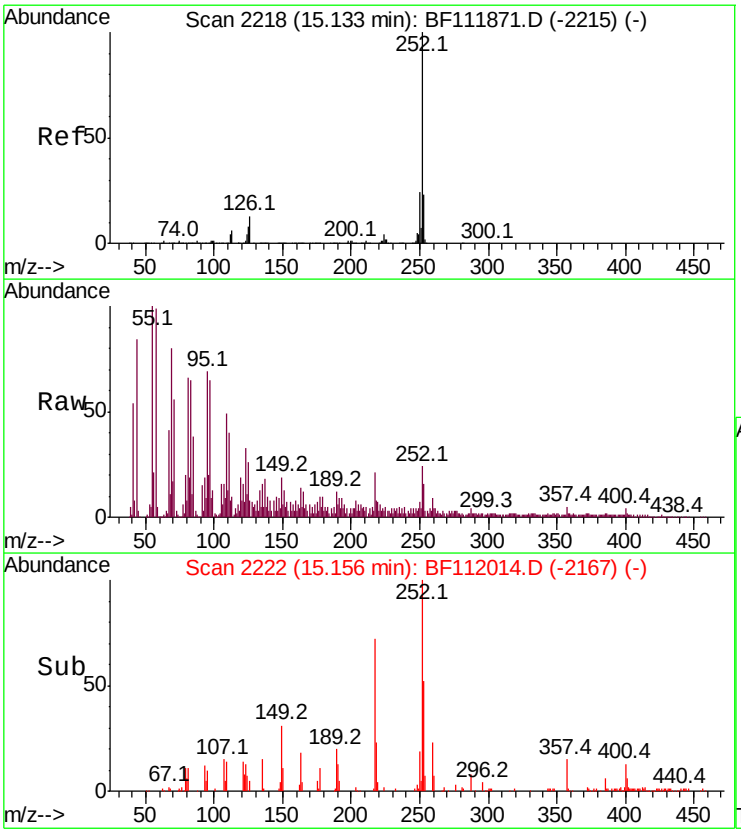
#88
Benzo(b)fluoranthene
Concen: 15.824 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.05 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 152001

Ion	Ratio	Lower	Upper
252	100		
253	65.3	17.0	25.6#
125	107.3	7.1	10.7#

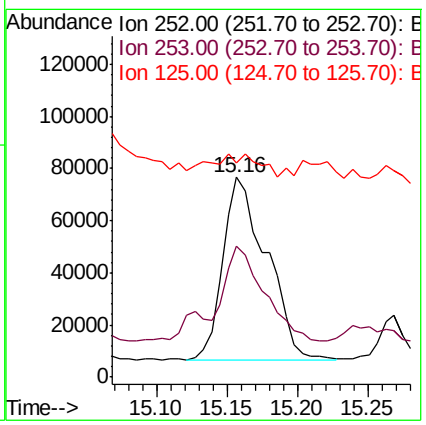


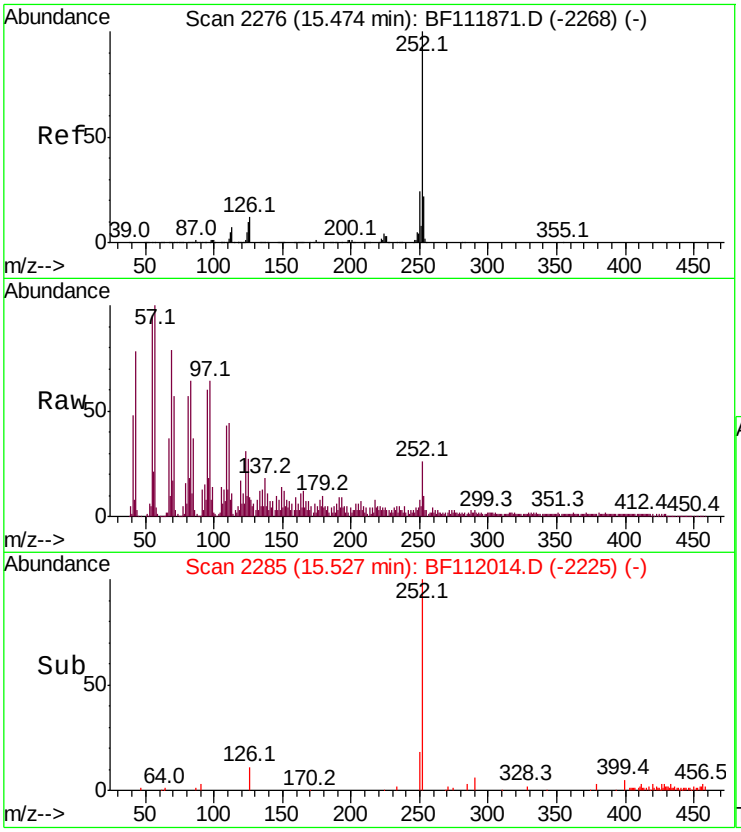


#89
Benzo(k)fluoranthene
Concen: 16.834 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.02 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Tgt Ion:252 Resp: 152001

Ion	Ratio	Lower	Upper
252	100		
253	65.3	17.8	26.6#
125	107.3	7.0	10.4#



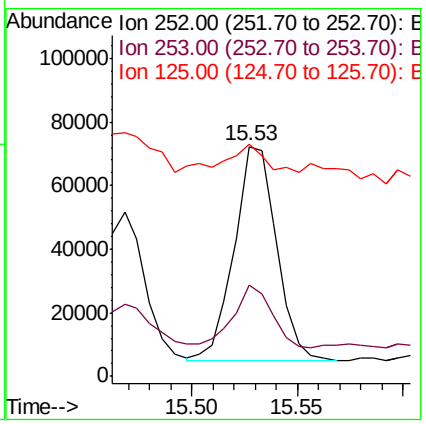


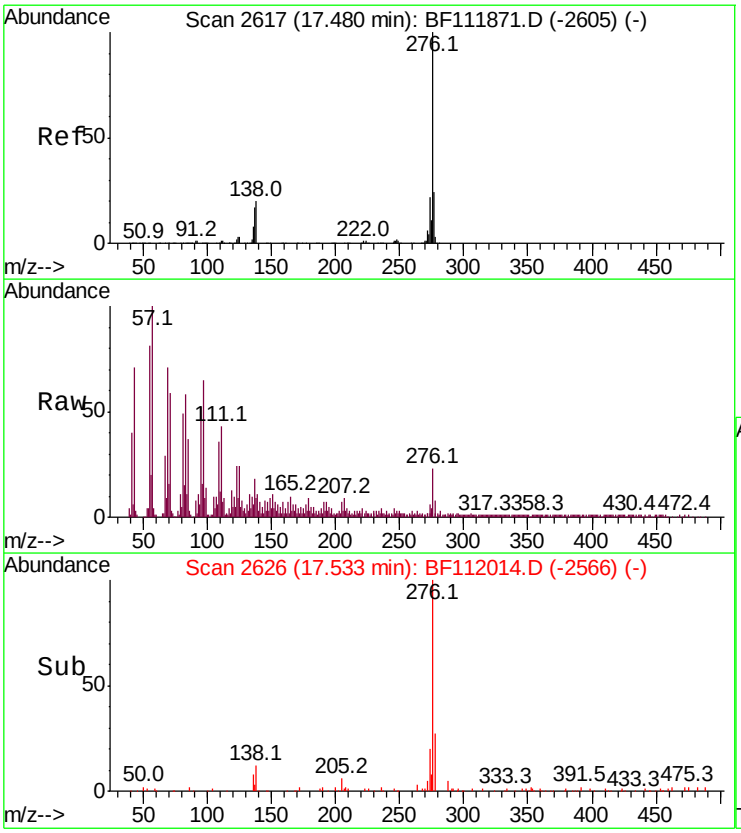
#90
Benzo(a)pyrene
Concen: 11.078 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.05 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 93571

Ion	Ratio	Lower	Upper
252	100		
253	39.7	17.4	26.2#
125	101.1	7.9	11.9#





#92
Benzo(g,h,i)perylene
Concen: 6.522 ng
RT: 17.53 min Scan# 2626
Delta R.T. 0.05 min
Lab File: BF112014.D
Acq: 11 Jan 2019 14:46

Tgt Ion:276 Resp: 43336

Ion	Ratio	Lower	Upper
276	100		
277	34.6	19.0	28.6#
138	37.9	16.2	24.2#