Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
Data File : BF104253.D
Acq On : 5 Apr 2018 4:33
Operator : JU/SJ
Sample : J2201-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 05 05:17:20 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 04 18:06:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	120003	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	529455	20.00	ng		0.00
38) Acenaphthene-d10	9.99	164	233975	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	380489	20.00	ng		0.00
75) Chrysene-d12	14.14	240	237964	20.00	ng		0.00
86) Perylene-d12	15.68	264	229978	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	845885	112.41	ng		0.00
7) Phenol-d6	6.59	99	1169417	126.32	ng		-0.01
23) Nitrobenzene-d5	7.52	82	678598	78.38	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	266690	102.36	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	1305177	87.96	ng		0.00
78) Terphenyl-d14	13.07	244	1005881	97.60	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.72	77	17699	2.401	ng		87
19) n-Nitroso-di-n-propylamine	7.52	70	76476	13.919	ng	#	74
25) Isophorone	7.52	82	681088	42.688	ng	#	64
49) Dimethylphthalate	9.69	163	98849	5.351	ng		99
50) 2,6-Dinitrotoluene	9.99	165	28602	7.197	ng	#	26
51) Acenaphthene	10.02	154	32728	2.357	ng		98
55) 4-Nitrophenol	10.20	139	8015	2.926	ng	#	9
56) 2,4-Dinitrotoluene	9.99	165	29500	5.817	ng	#	23
57) Fluorene	10.55	166	37435	2.239	ng	#	96
66) 4-Bromophenyl-phenylether	10.79	248	15605	3.834	ng	#	1
70) Phenanthrene	11.51	178	517173	25.105	ng		98
71) Anthracene	11.56	178	180106	8.370	ng		97
72) Carbazole	11.74	167	60895	2.965	ng		98
74) Fluoranthene	12.70	202	840975	38.406	ng		98
77) Pyrene	12.93	202	714143	41.748	ng		98
80) Benzo(a)anthracene	14.13	228	340951	22.898	ng		96
82) Chrysene	14.17	228	310736	21.307	ng		97
85) Indeno(1,2,3-cd)pyrene	17.27	276	154147	10.200	ng		92
87) Benzo(b)fluoranthene	15.22	252	518852	37.071	ng		96
88) Benzo(k)fluoranthene	15.22	252	518852	39.353	ng		99
89) Benzo(a)pyrene	15.62	252	292565	22.557	ng		98
90) Dibenzo(a,h)anthracene	17.27	278	27921	2.328	ng	#	74
91) Benzo(g,h,i)perylene	17.74	276	158979	13.236	ng		97

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

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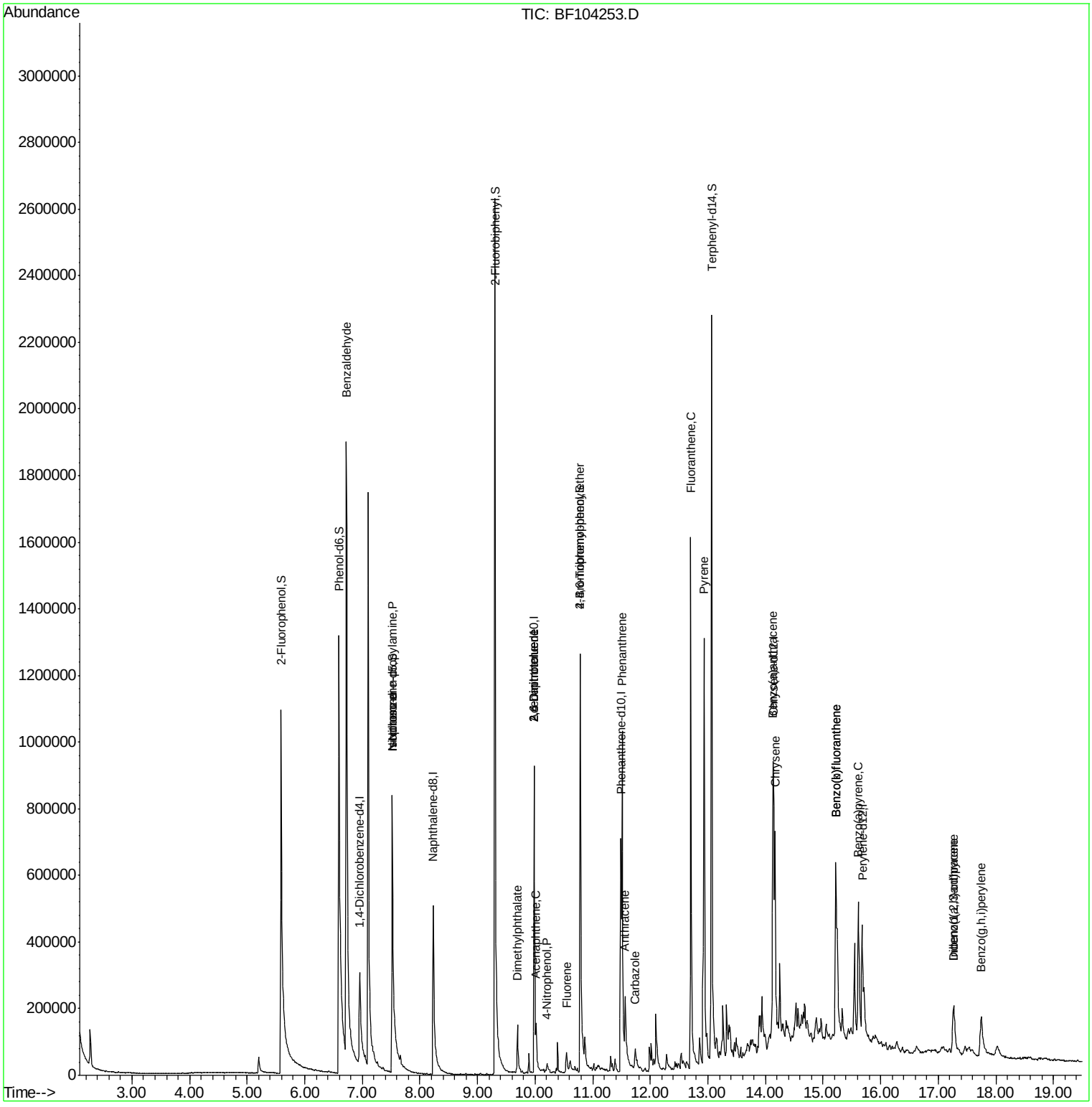
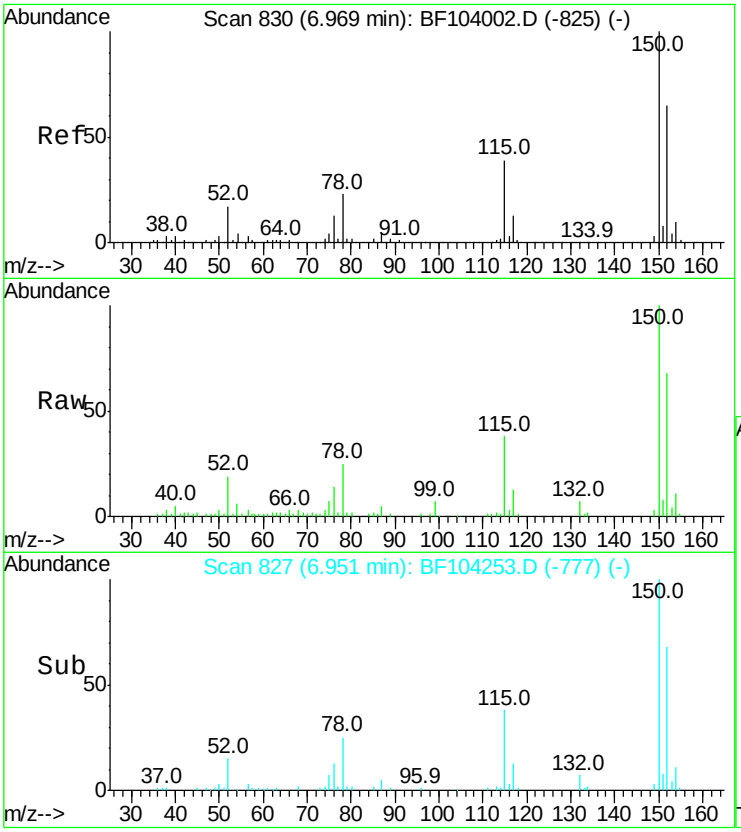


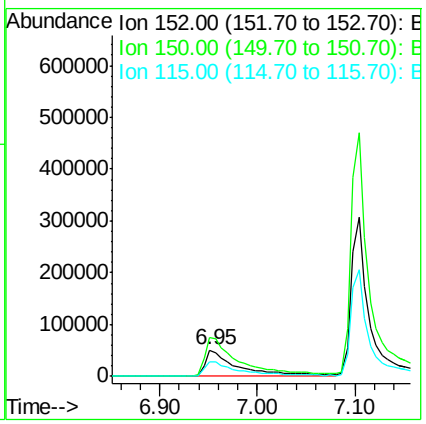


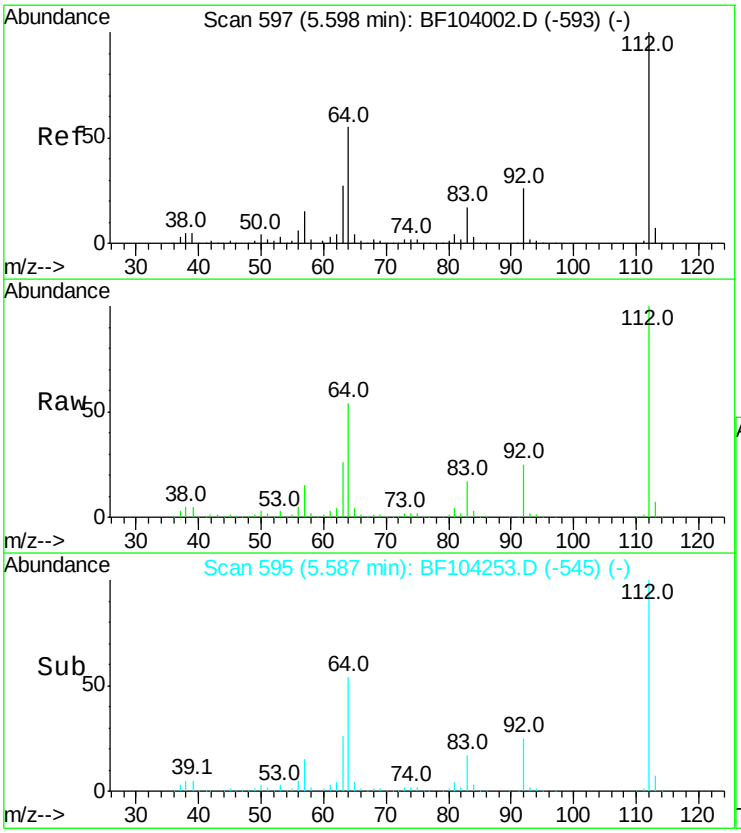
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 120003

Ion	Ratio	Lower	Upper
152	100		
150	147.9	124.6	186.8
115	56.2	50.1	75.1

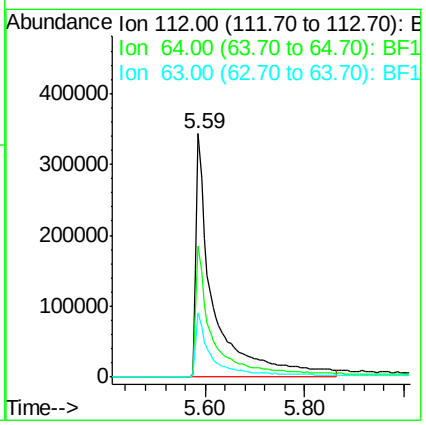


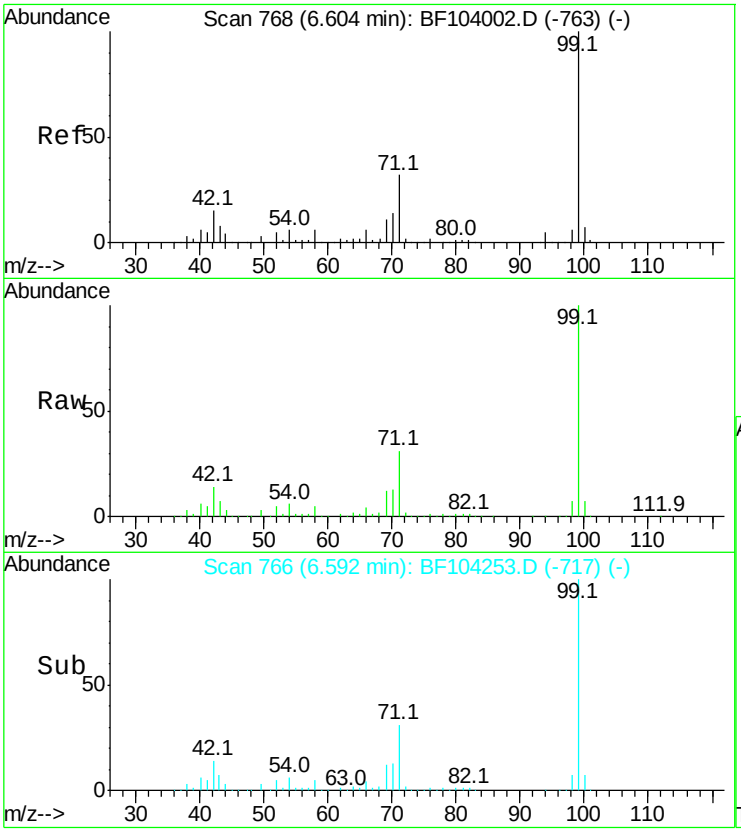


#5
2-Fluorophenol
Concen: 112.412 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Tgt Ion:112 Resp: 845885

Ion	Ratio	Lower	Upper
112	100		
64	53.9	47.9	71.9
63	26.4	23.7	35.5



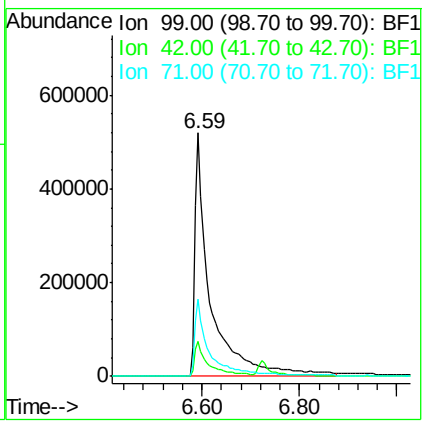


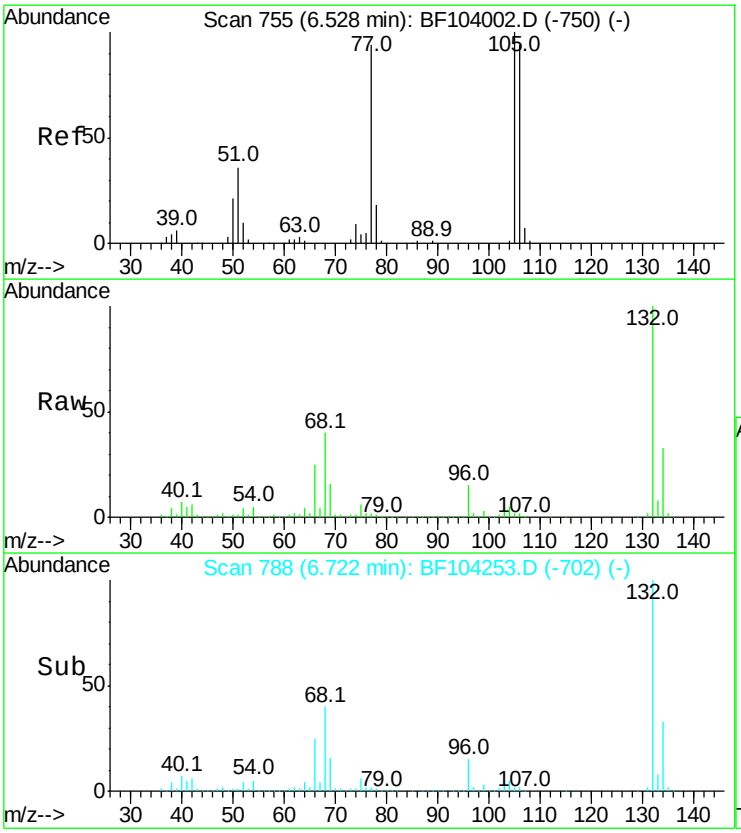
#7
Phenol-d6
Concen: 126.316 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1169417

Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.5	21.7#
71	31.5	25.4	38.0

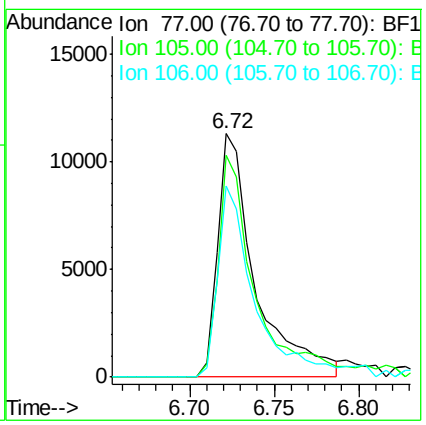


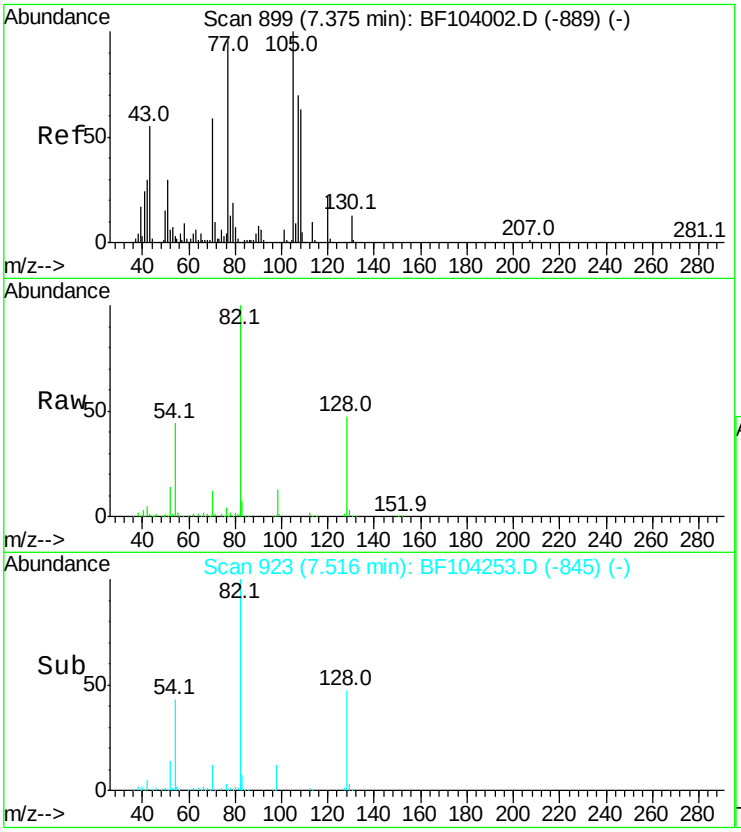


#9
Benzaldehyde
Concen: 2.401 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.21 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Tgt Ion: 77 Resp: 17699

Ion	Ratio	Lower	Upper
77	100		
105	90.9	81.1	121.1
106	78.7	74.5	114.5



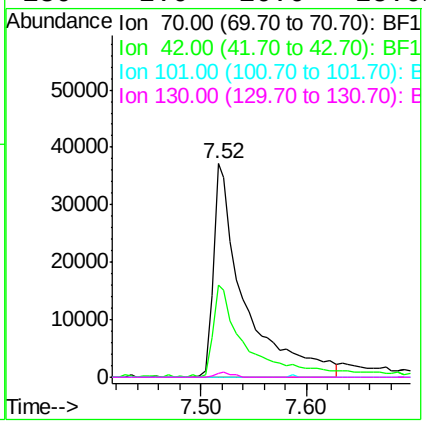


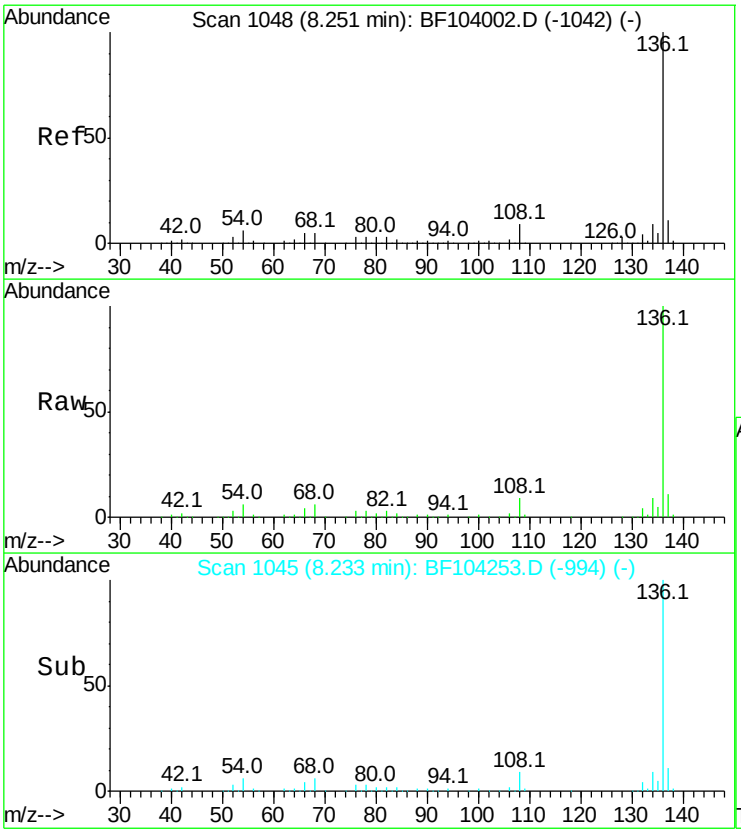
#19
n-Nitroso-di-n-propylamine
Concen: 13.919 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.16 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 76476

Ion	Ratio	Lower	Upper
70	100		
42	43.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

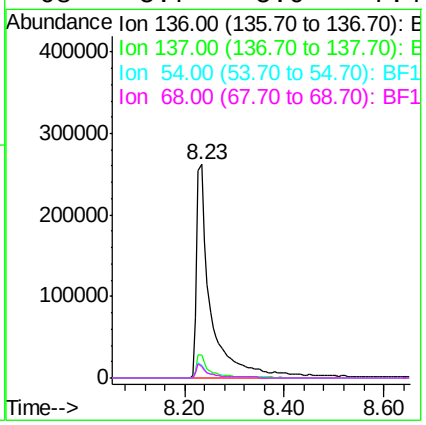


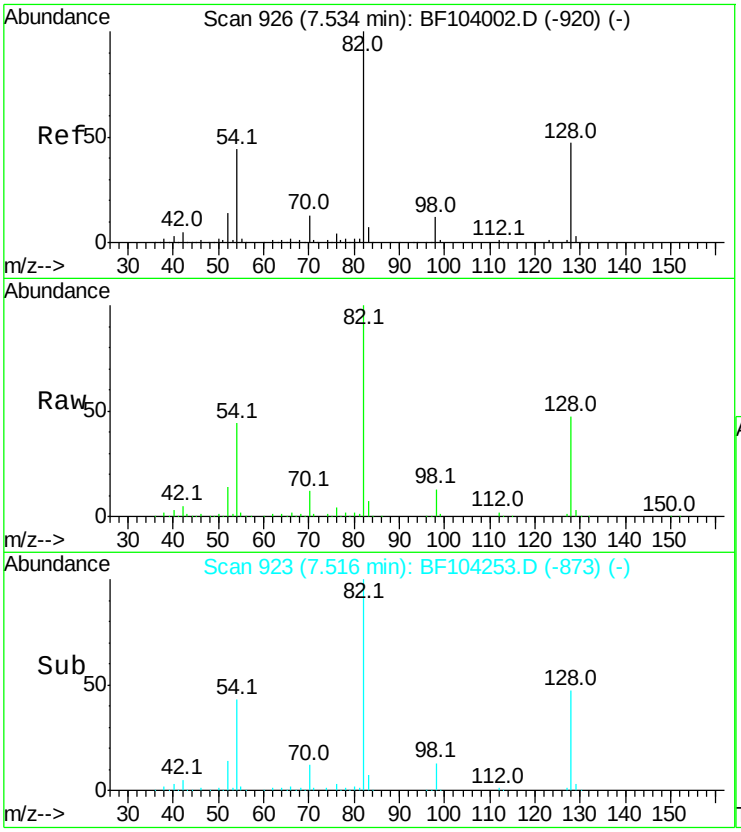


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Tgt Ion:136 Resp: 529455

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.3	6.6	9.8#
68	5.7	5.0	7.4



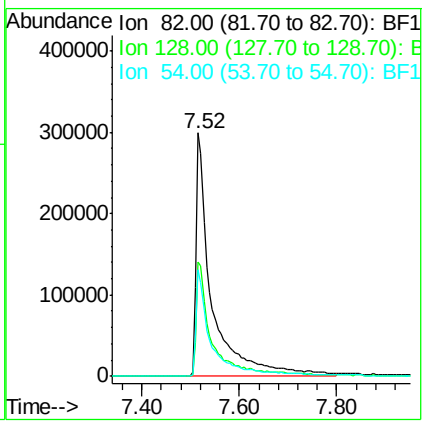


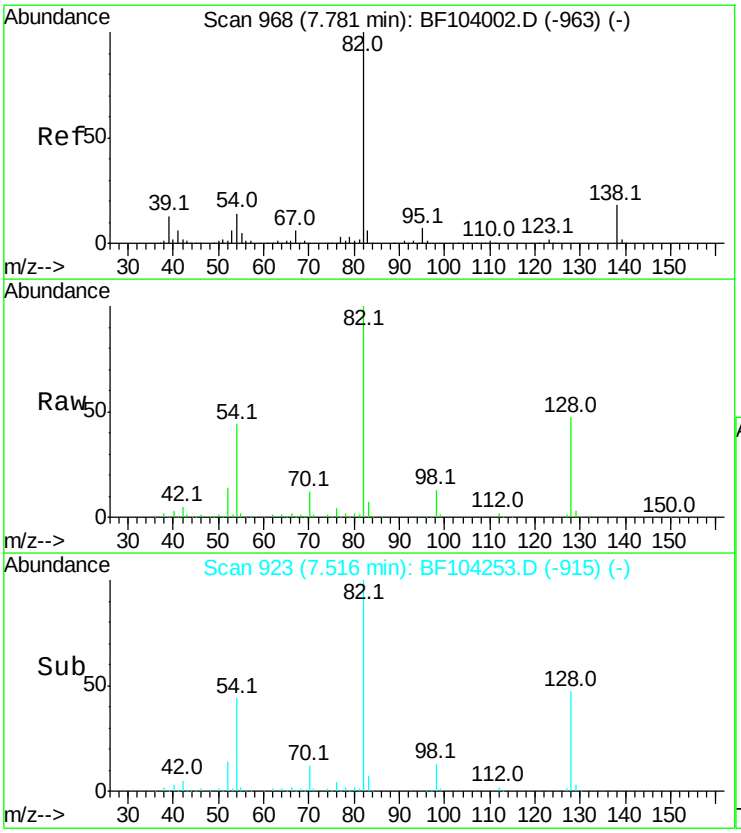
#23
Nitrobenzene-d5
Concen: 78.383 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 678598

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	43.7	41.4	62.2

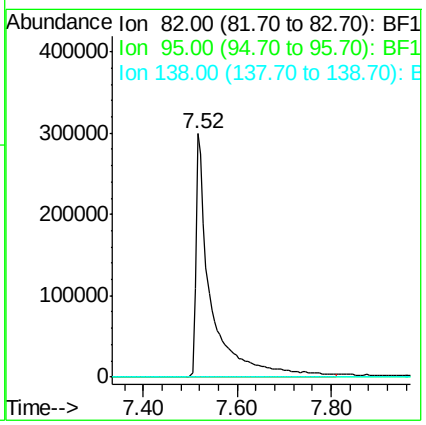


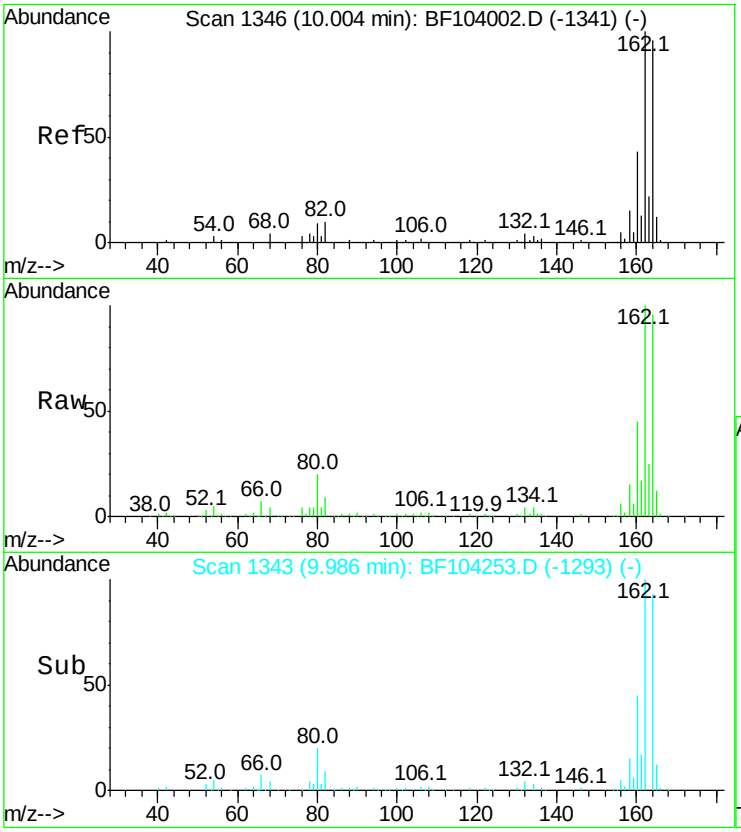


#25
Isophorone
Concen: 42.688 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.25 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Tgt Ion: 82 Resp: 681088

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



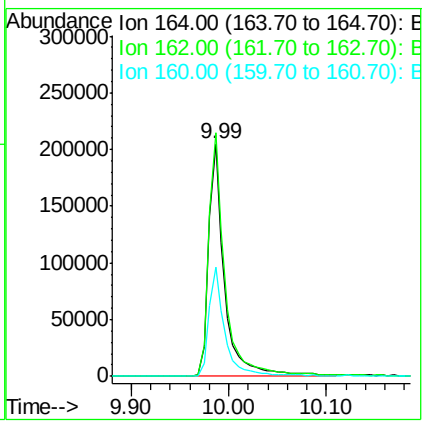


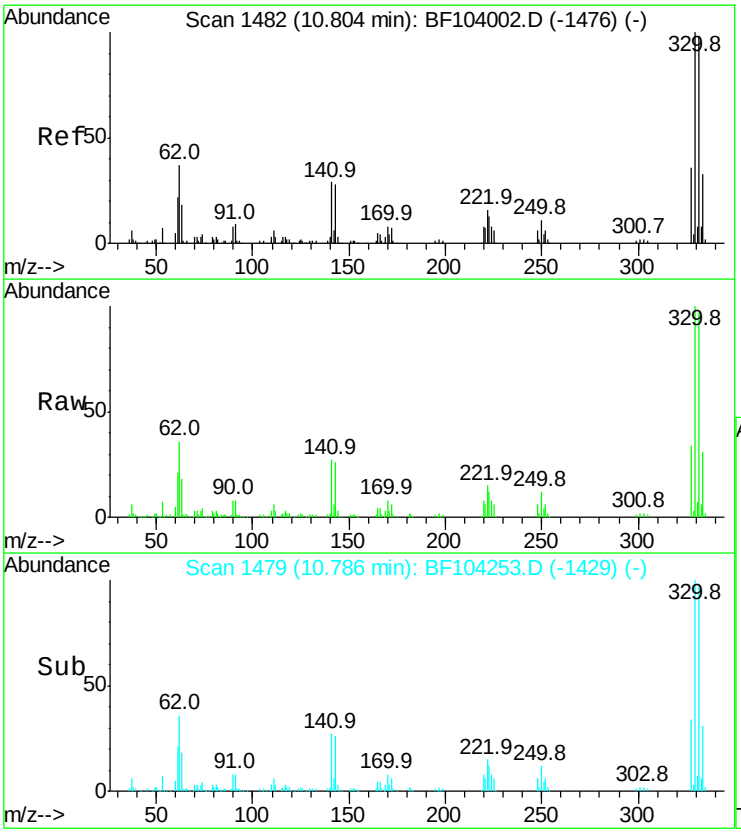
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 233975

Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	47.0	38.3	57.5

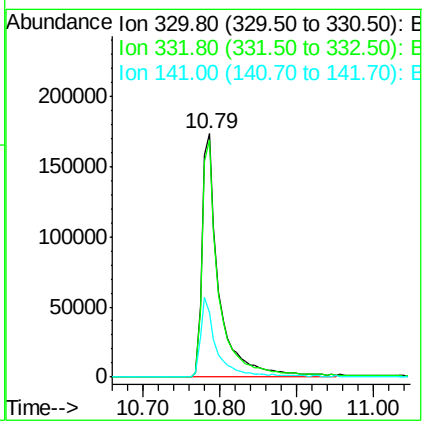


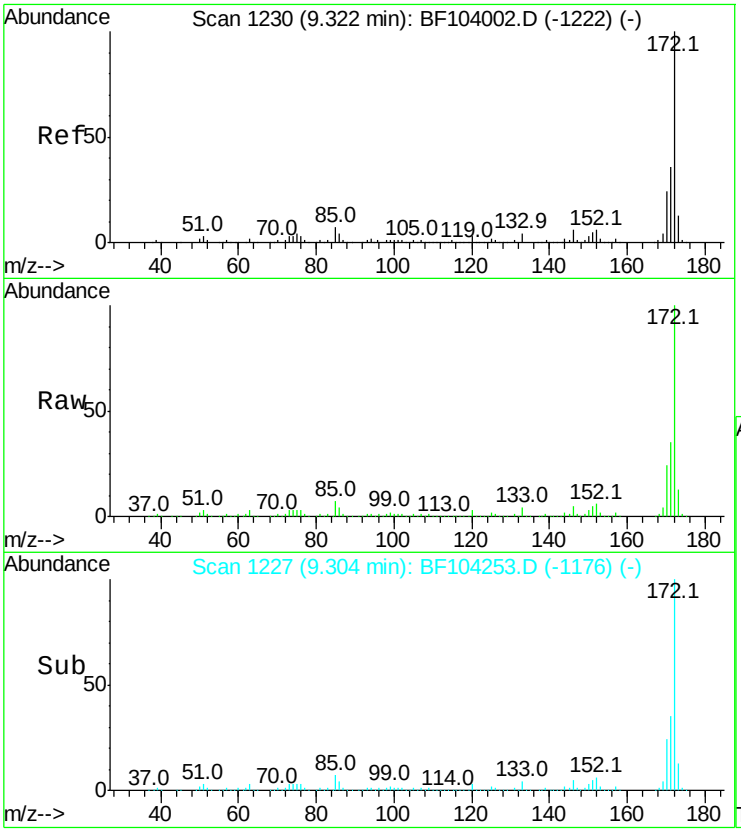


#41
2,4,6-Tribromophenol
Concen: 102.364 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Tgt Ion:330 Resp: 266690

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	30.0	29.9	44.9



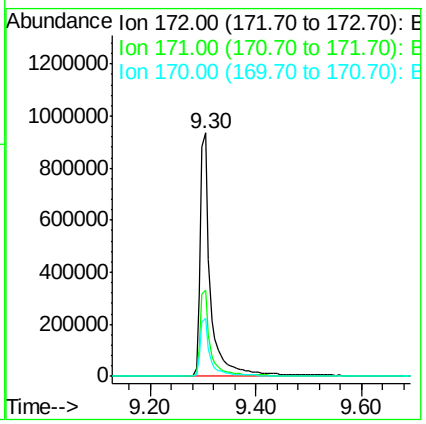


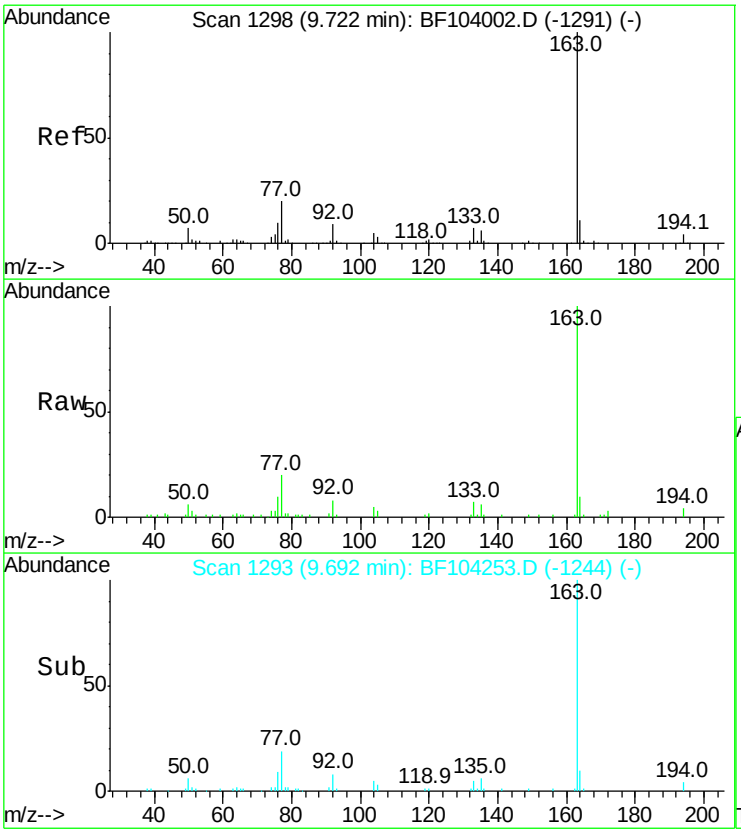
#44
2-Fluorobiphenyl
Concen: 87.965 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1305177

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	24.0	19.6	29.4

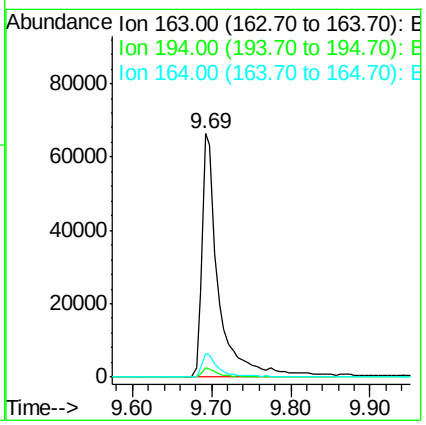


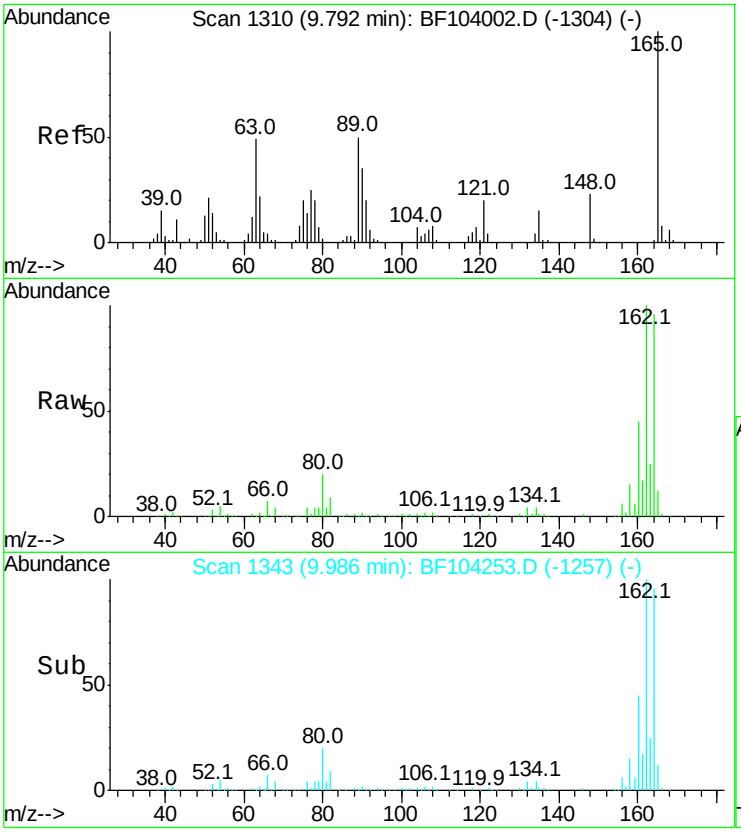


#49
Dimethylphthalate
Concen: 5.351 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Tgt Ion:163 Resp: 98849

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.8	8.2	12.2



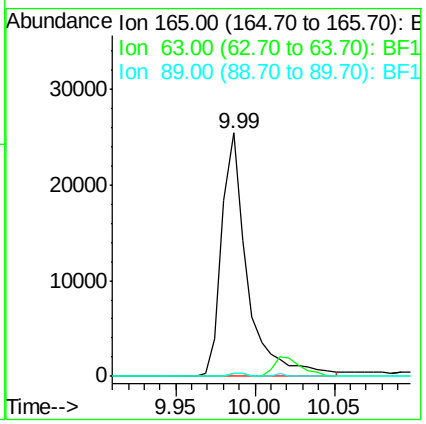


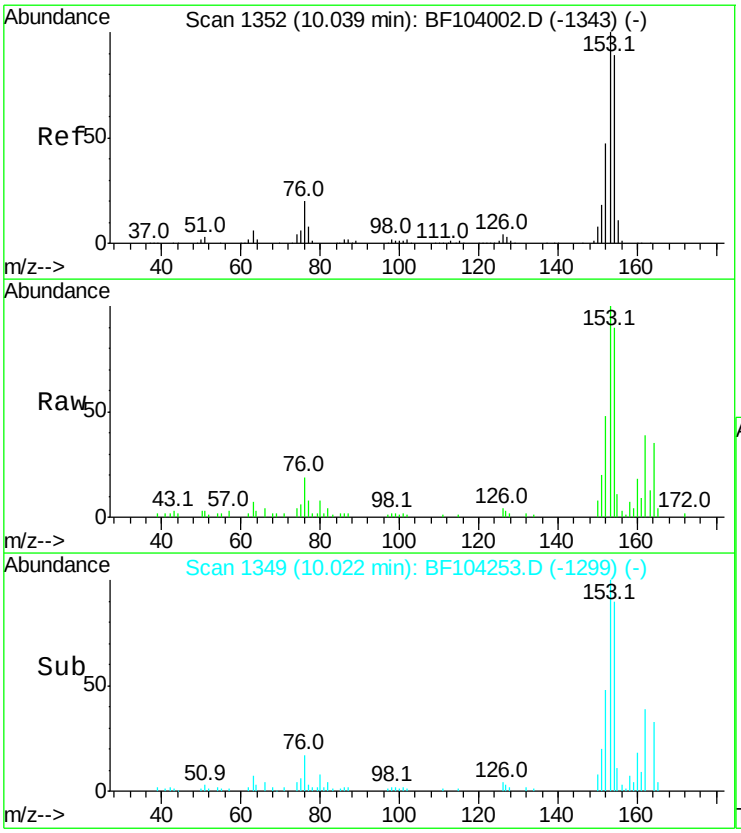
#50
2,6-Dinitrotoluene
Concen: 7.197 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.21 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 28602

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.5	44.0	66.0#

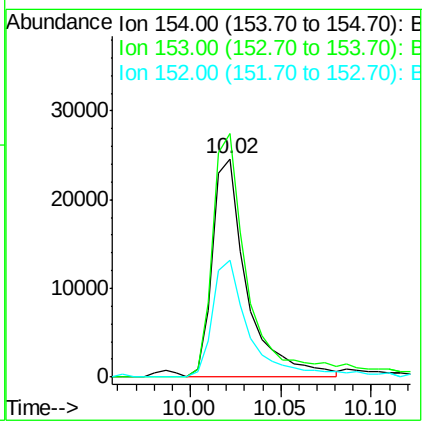


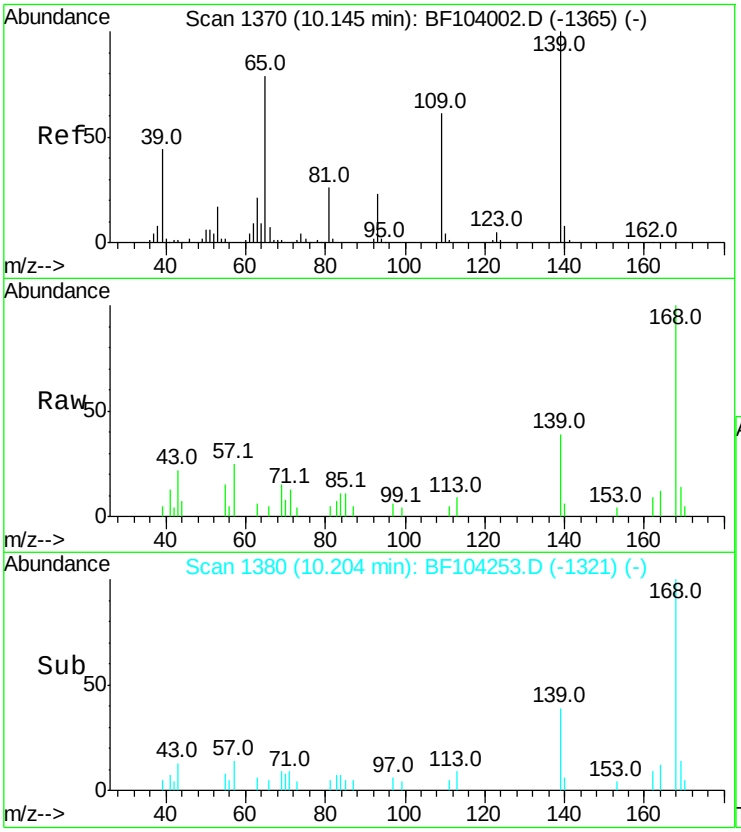


#51
Acenaphthene
Concen: 2.357 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Tgt Ion:154 Resp: 32728

Ion	Ratio	Lower	Upper
154	100		
153	111.6	91.2	136.8
152	53.6	43.8	65.8



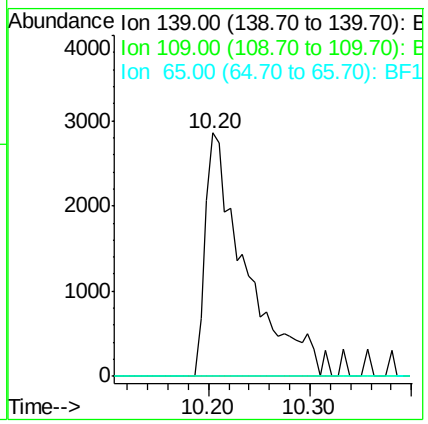


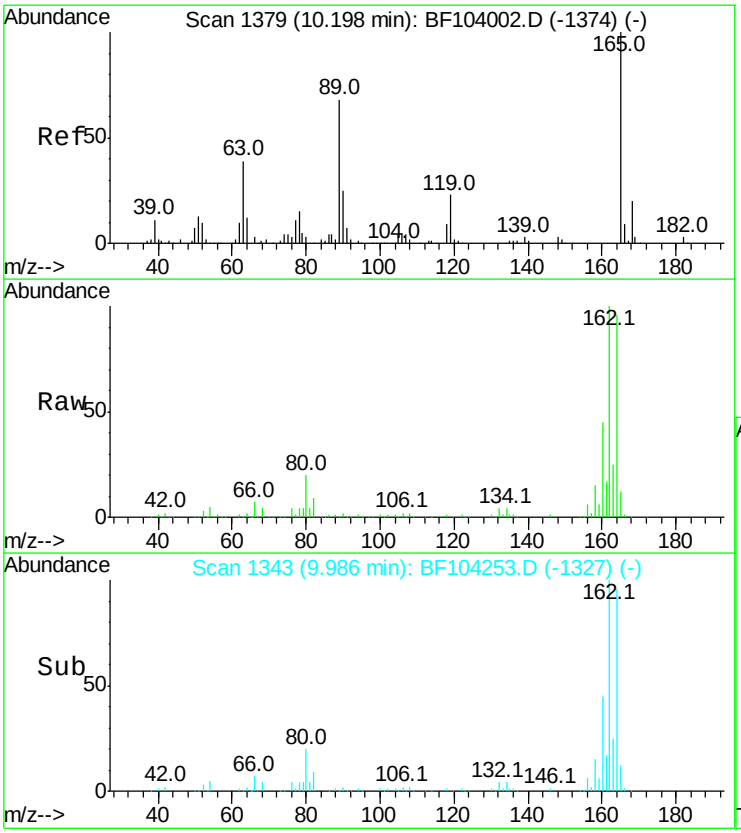
#55
4-Nitrophenol
Concen: 2.926 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.05 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 8015

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

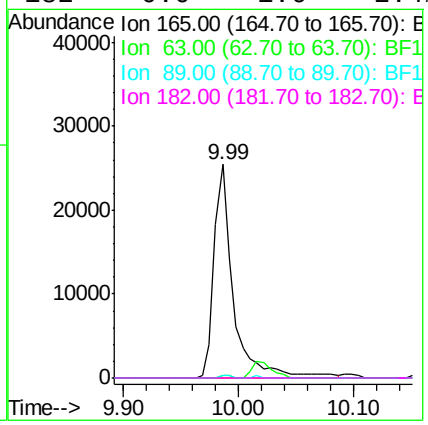


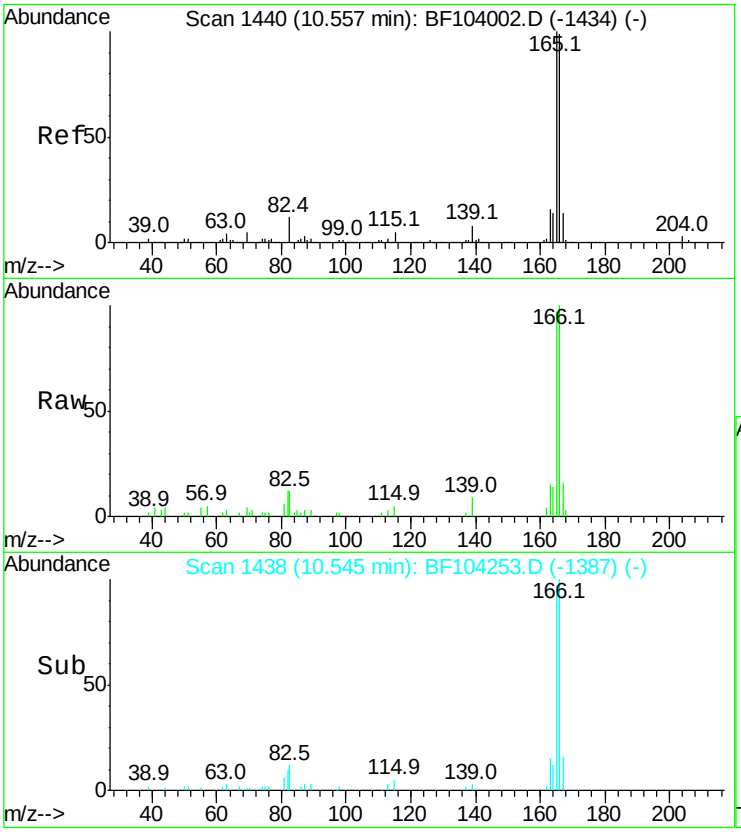


#56
2,4-Dinitrotoluene
Concen: 5.817 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.21 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Tgt Ion:165 Resp: 29500

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



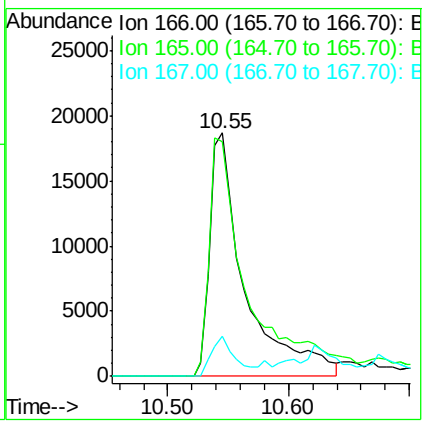


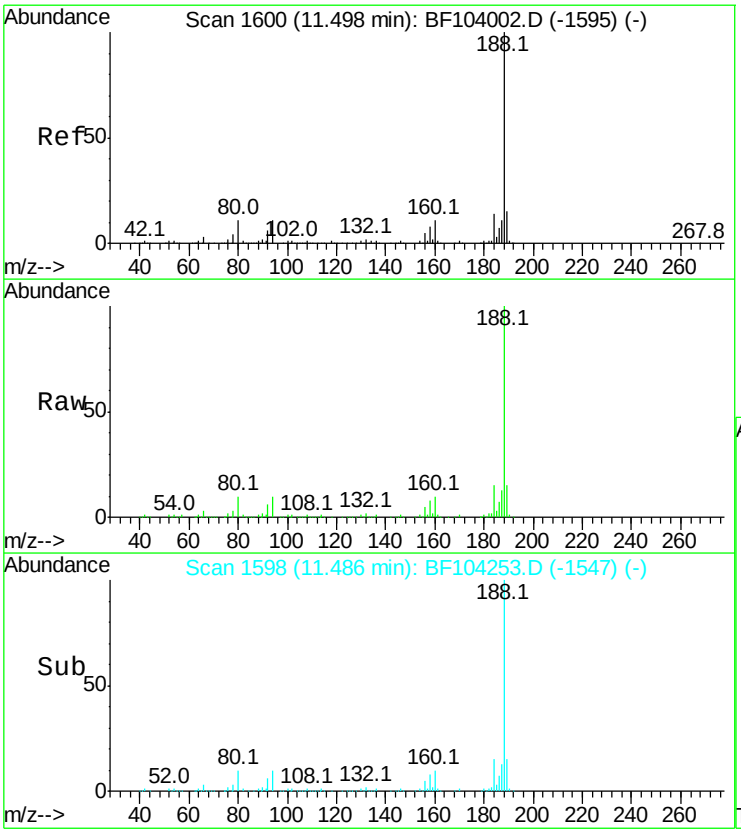
#57
Fluorene
Concen: 2.239 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 37435

Ion	Ratio	Lower	Upper
166	100		
165	96.6	79.8	119.8
167	16.3	10.6	16.0#

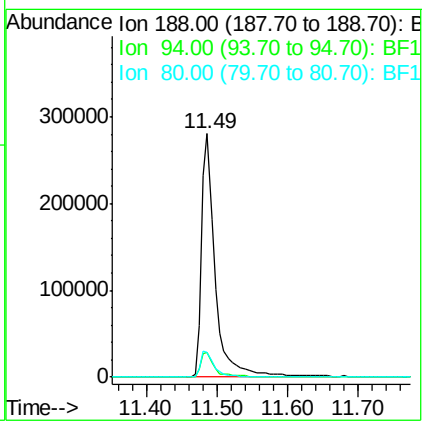


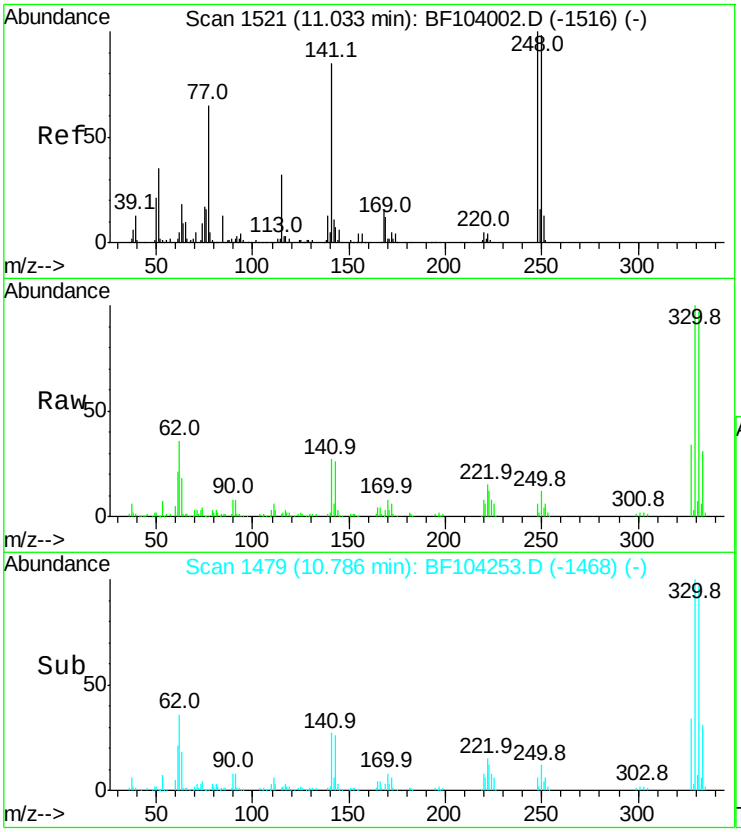


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Tgt Ion:188 Resp: 380489

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.4	9.2	13.8



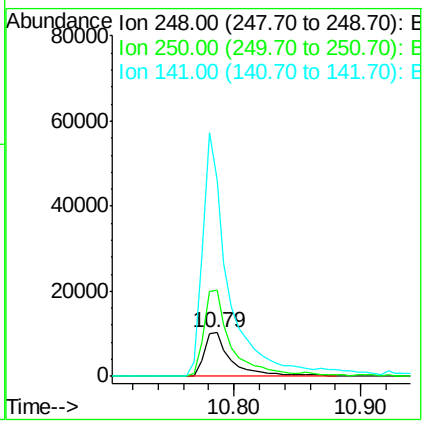


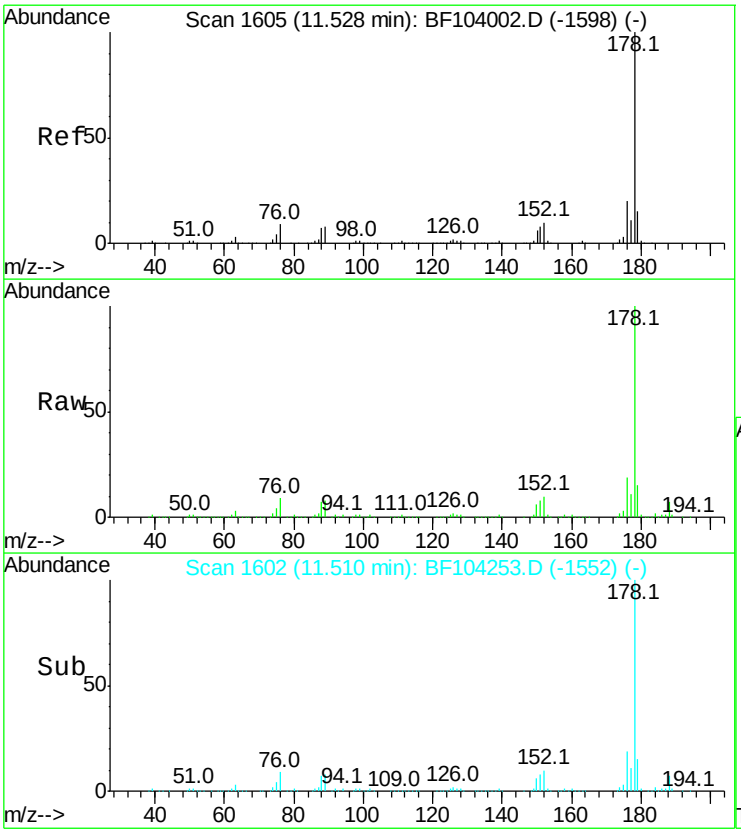
#66
4-Bromophenyl-phenylether
Concen: 3.834 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 15605

Ion	Ratio	Lower	Upper
248	100		
250	197.4	76.9	115.3#
141	449.5	74.4	111.6#

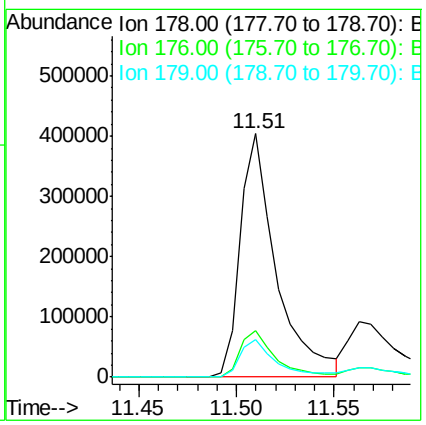


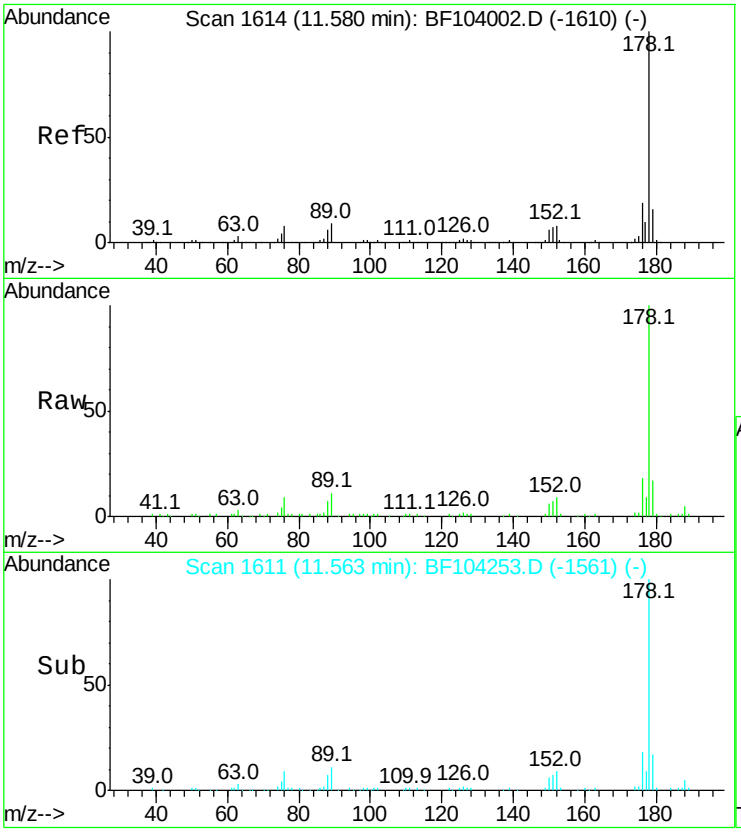


#70
Phenanthrene
Concen: 25.105 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Tgt Ion:178 Resp: 517173

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.4	13.0	19.6



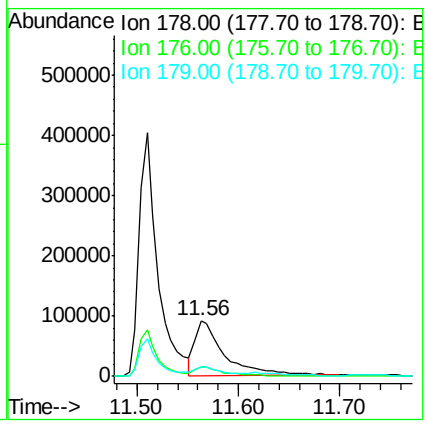


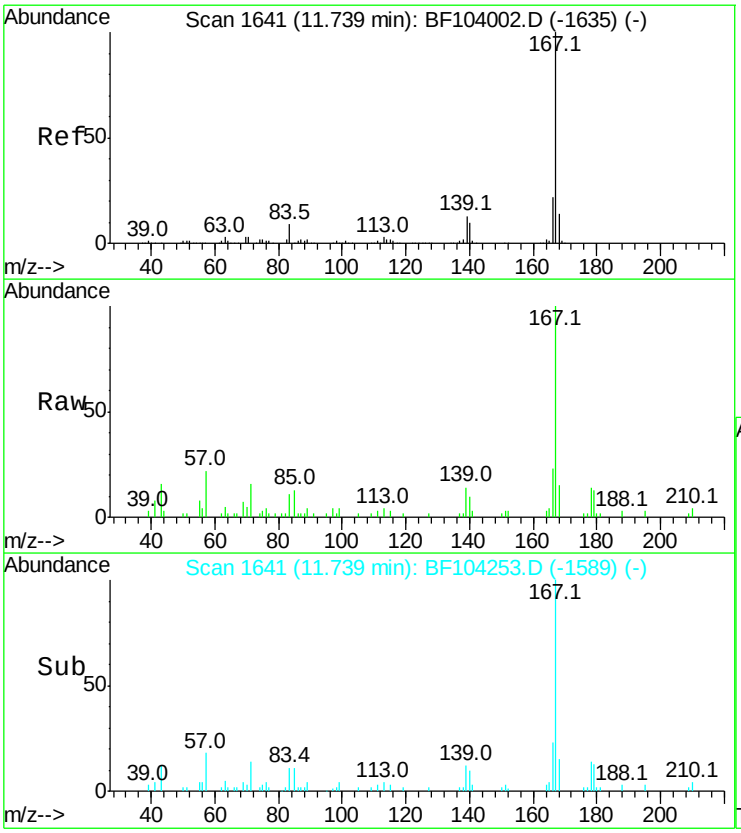
#71
Anthracene
Concen: 8.370 ng
RT: 11.56 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 180106

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	16.8	12.6	19.0

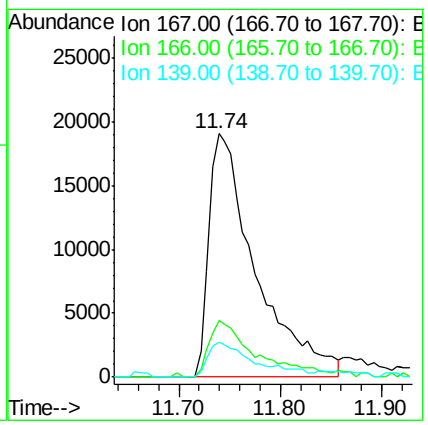


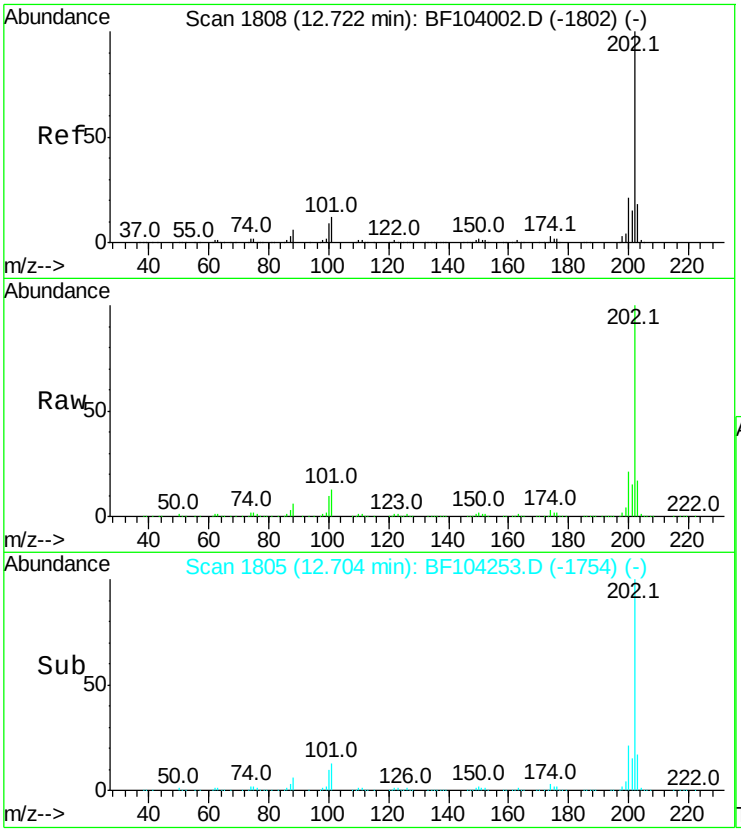


#72
Carbazole
Concen: 2.965 ng
RT: 11.74 min Scan# 1641
Delta R.T. 0.01 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Tgt Ion:167 Resp: 60895

Ion	Ratio	Lower	Upper
167	100		
166	23.4	17.6	26.4
139	14.3	10.9	16.3



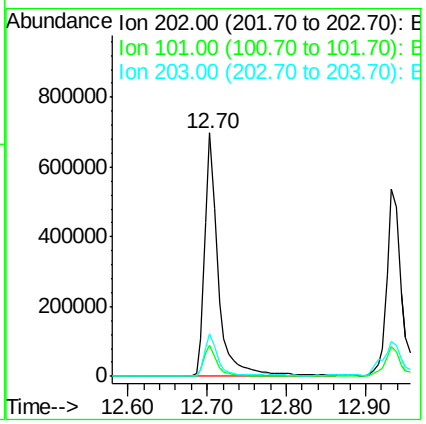


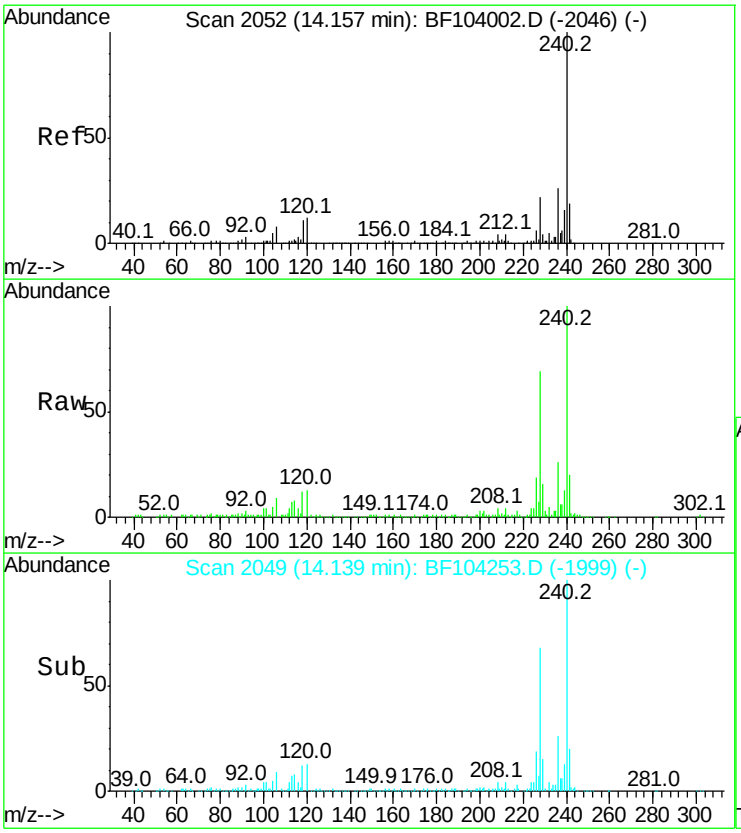
#74
Fluoranthene
Concen: 38.406 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 840975

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	34.1
203	17.5	0.0	38.1

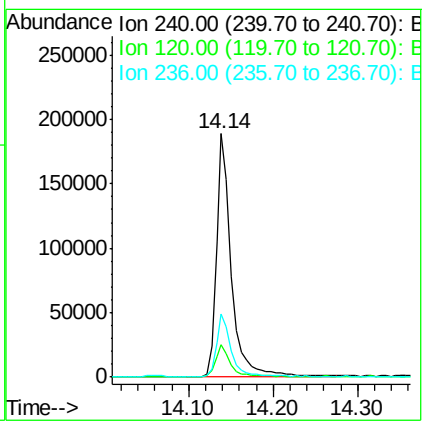


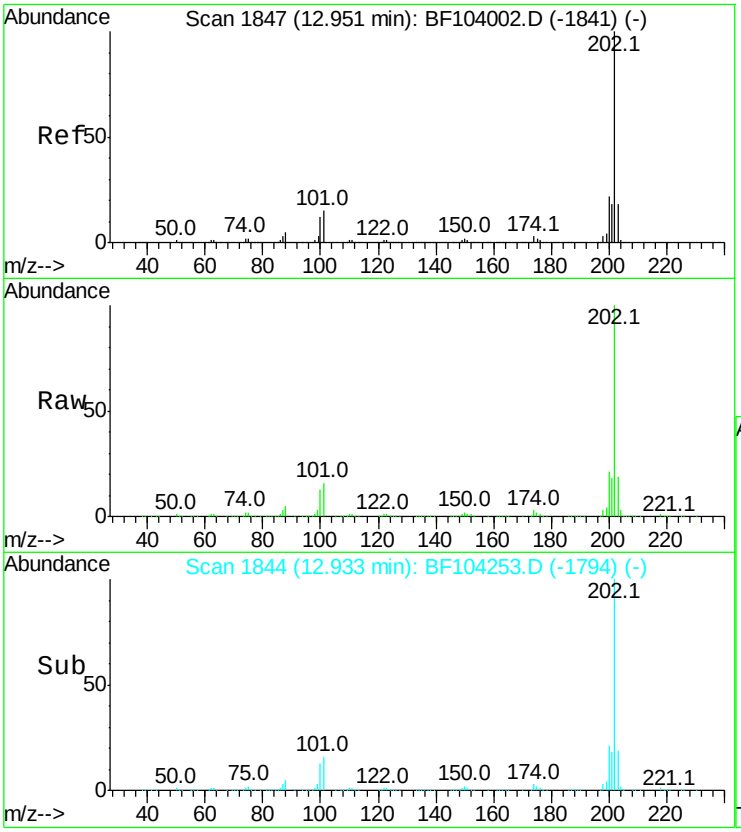


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Tgt Ion:240 Resp: 237964

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	25.7	20.7	31.1



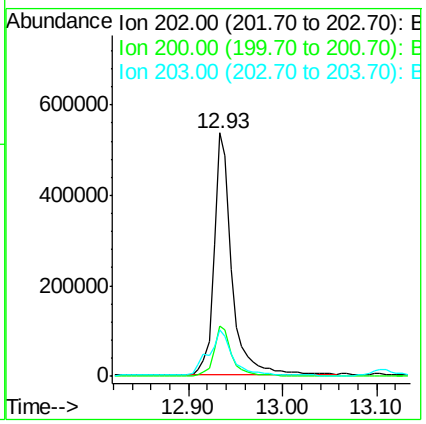


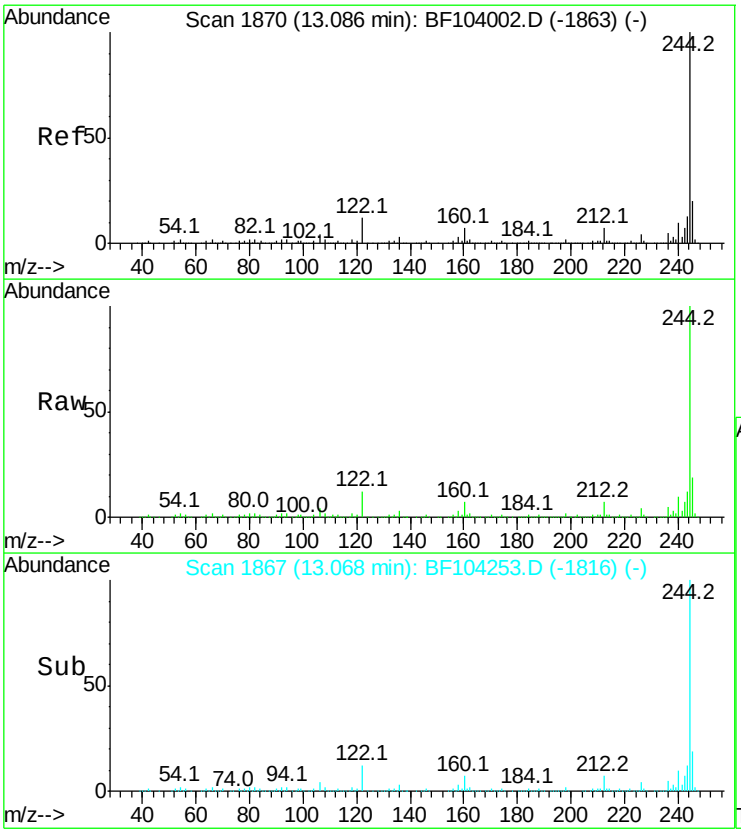
#77
Pyrene
Concen: 41.748 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 714143

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	18.9	14.3	21.5

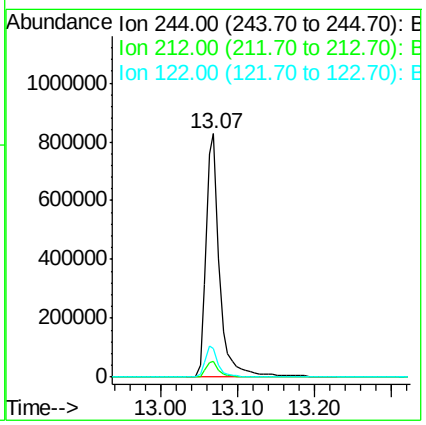


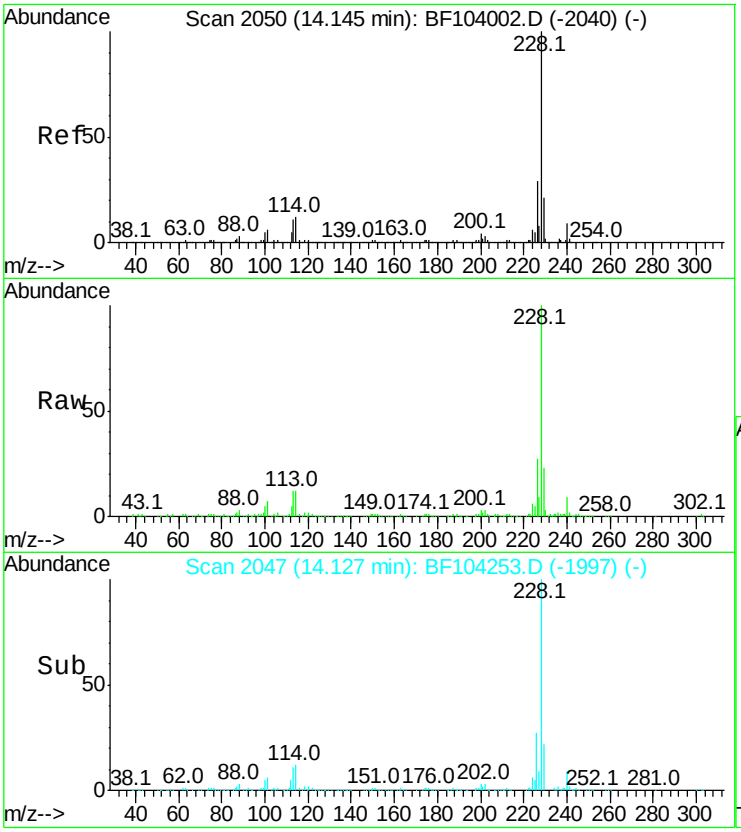


#78
Terphenyl-d14
Concen: 97.600 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Tgt Ion:244 Resp: 1005881

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.9	11.0	16.4



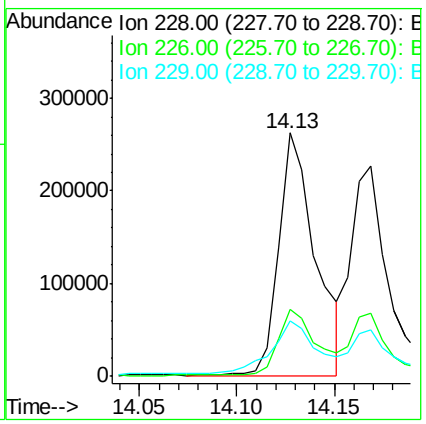


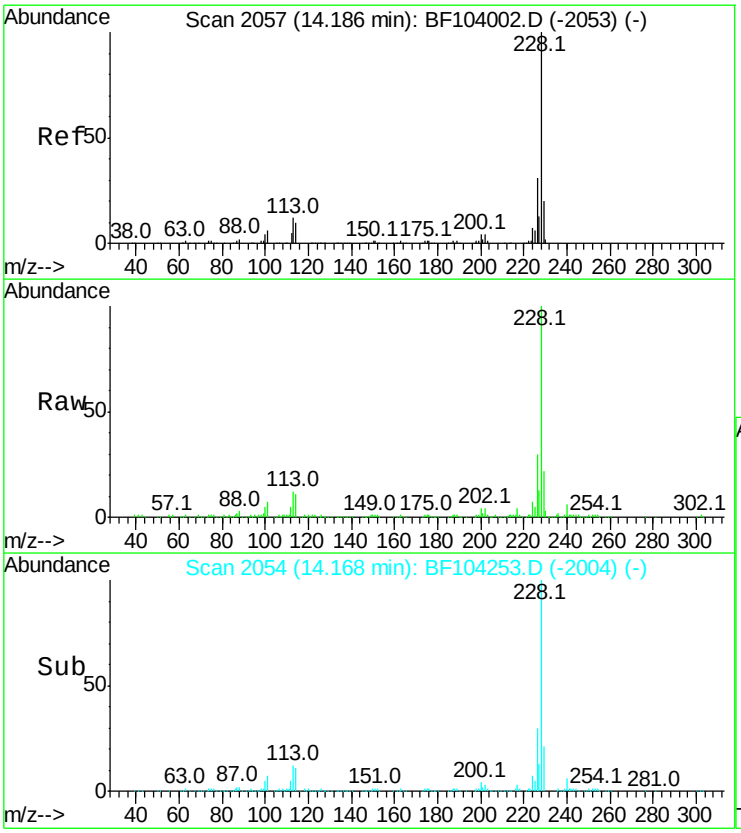
#80
Benzo(a)anthracene
Concen: 22.898 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 340951

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	22.7	15.8	23.6

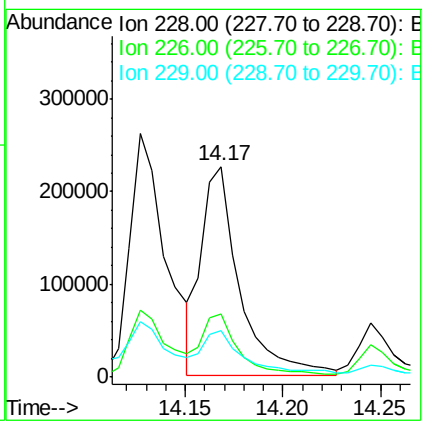


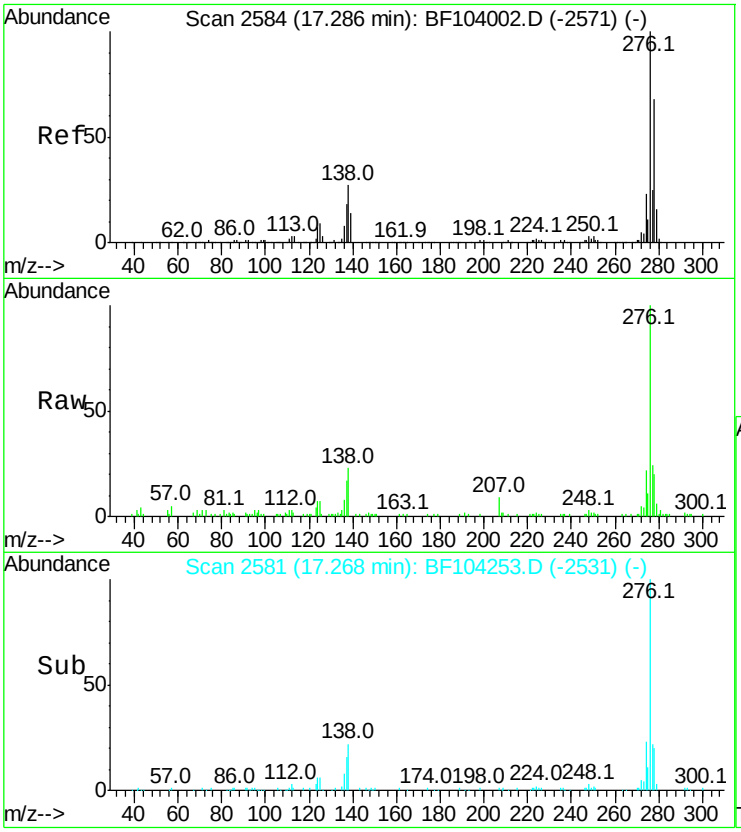


#82
Chrysene
Concen: 21.307 ng
RT: 14.17 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Tgt Ion:228 Resp: 310736

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	22.1	16.2	24.4



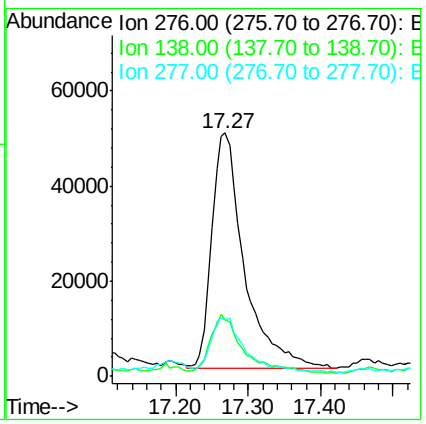


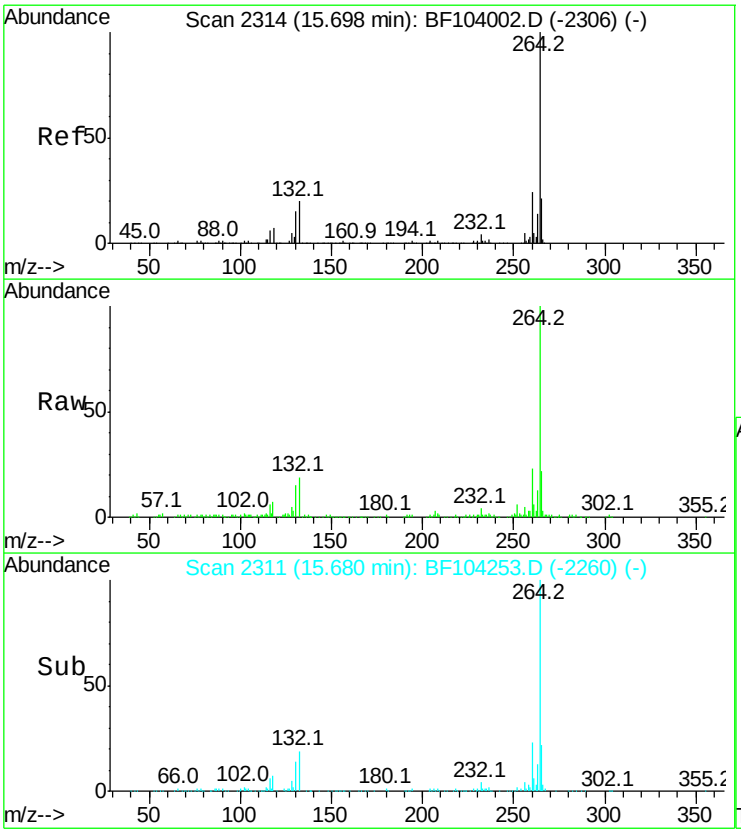
#85
Indeno(1,2,3-cd)pyrene
Concen: 10.200 ng
RT: 17.27 min Scan# 2581
Delta R.T. -0.01 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 154147

Ion	Ratio	Lower	Upper
276	100		
138	25.4	25.0	37.6
277	22.8	20.1	30.1

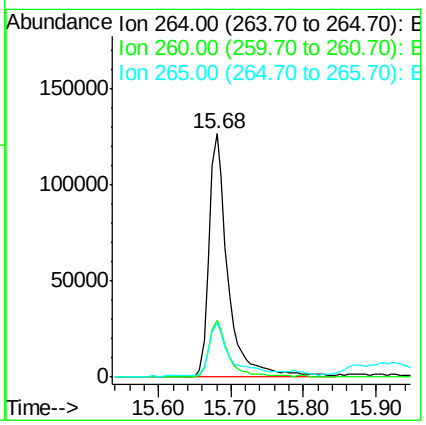


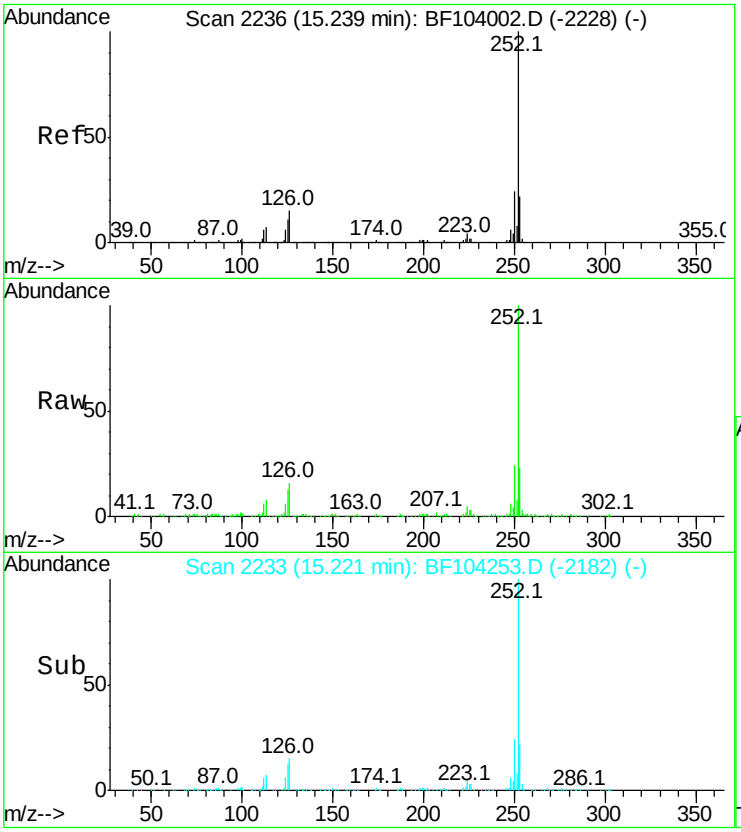


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.00 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Tgt Ion:264 Resp: 229978

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.0	17.5	26.3



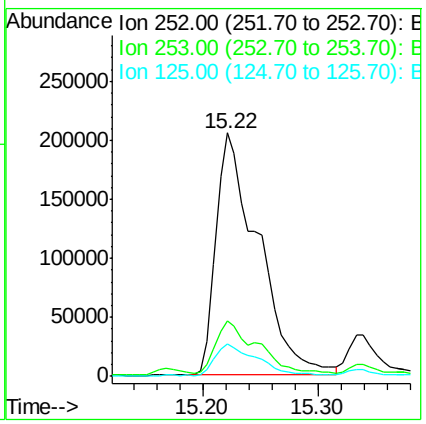


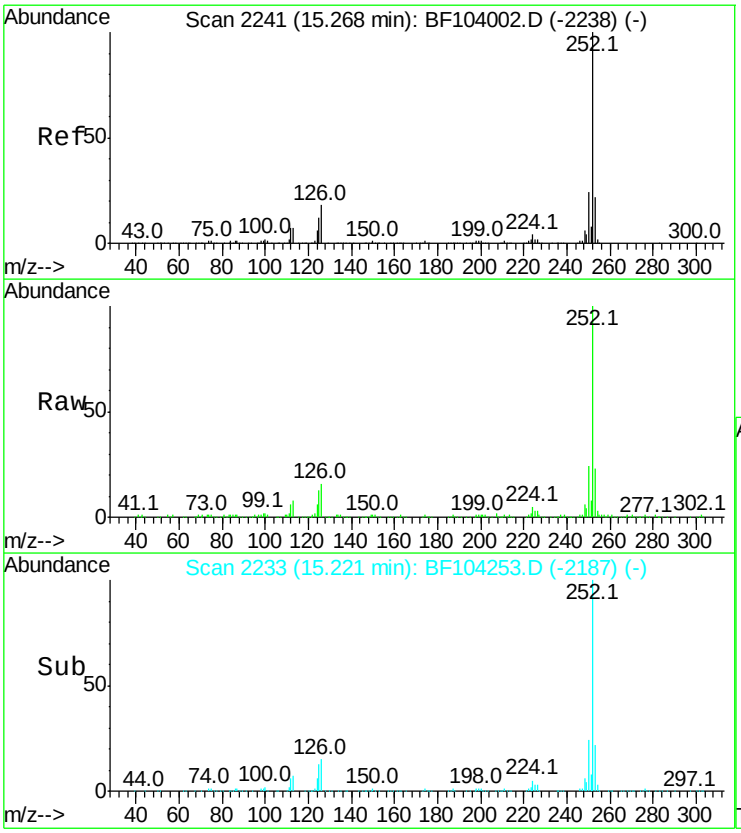
#87
Benzo(b)fluoranthene
Concen: 37.071 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.00 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 518852

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	13.2	9.0	13.6

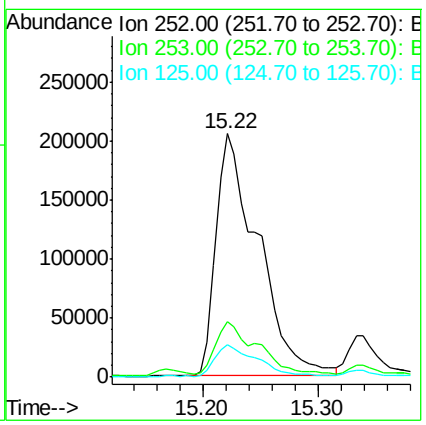


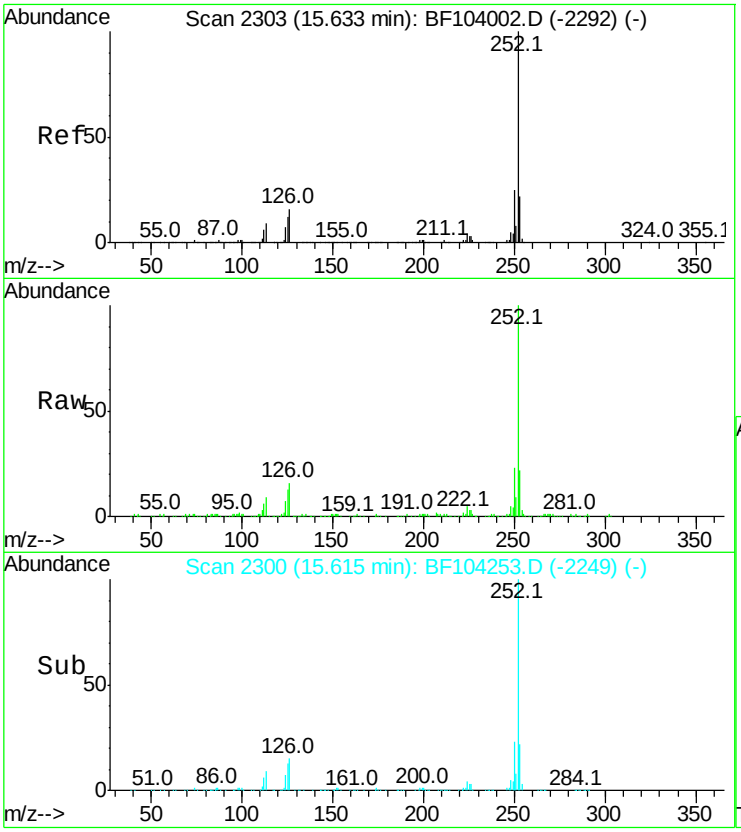


#88
Benzo(k)fluoranthene
Concen: 39.353 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.03 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Tgt Ion:252 Resp: 518852

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	13.2	10.2	15.2



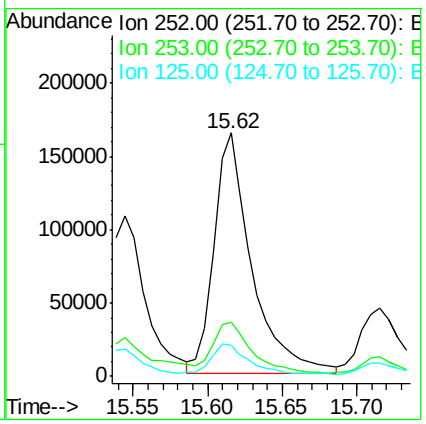


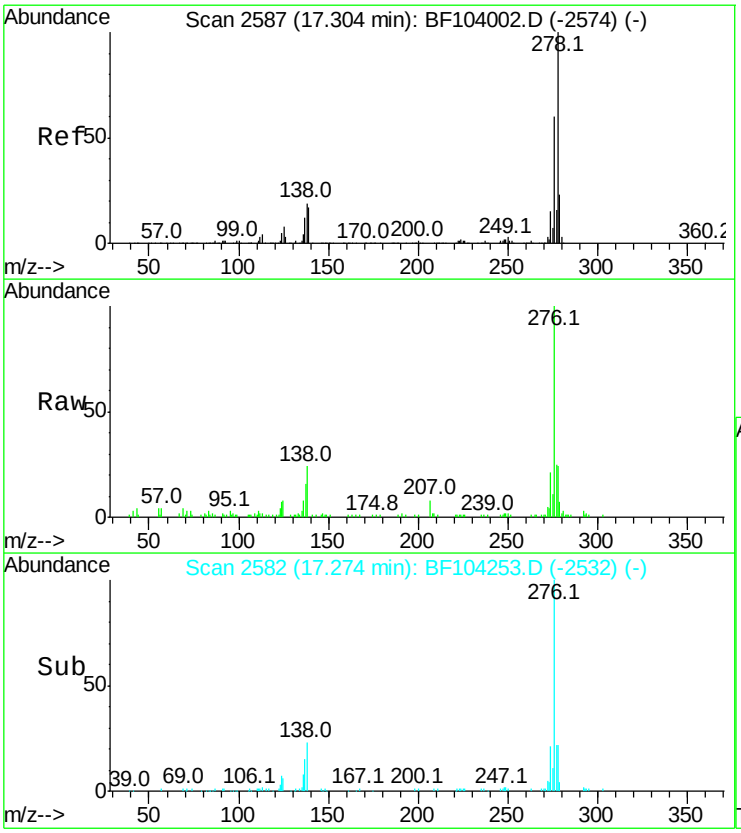
#89
Benzo(a)pyrene
Concen: 22.557 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 292565

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	13.0	9.8	14.6

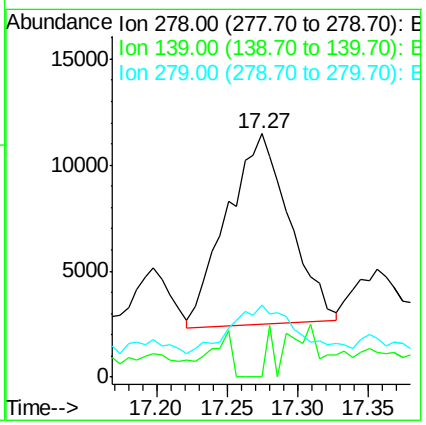


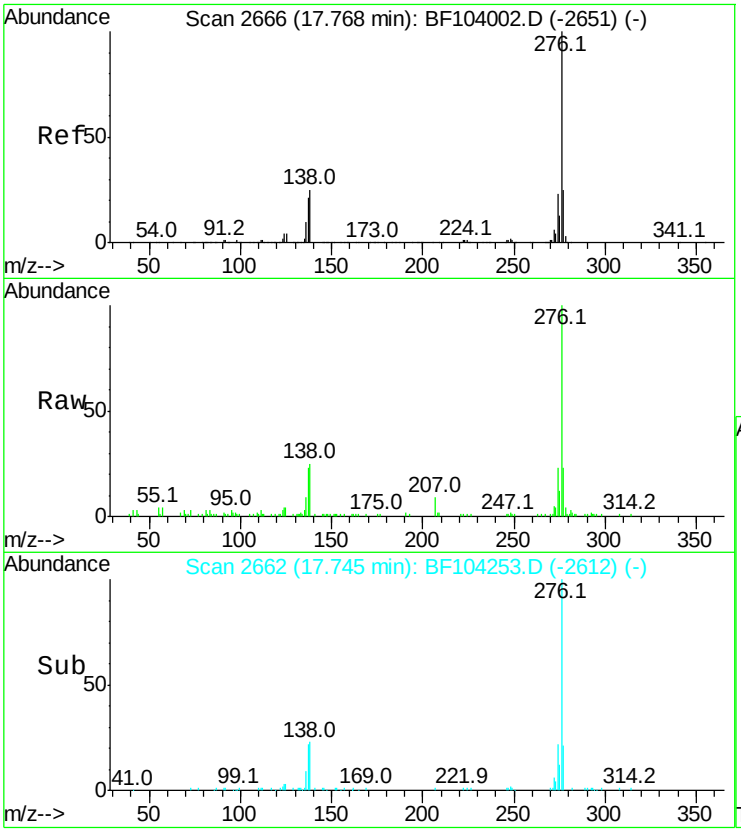


#90
Dibenzo(a,h)anthracene
Concen: 2.328 ng
RT: 17.27 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Tgt Ion:278 Resp: 27921

Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.9	23.9#
279	29.4	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 13.236 ng
RT: 17.74 min Scan# 2662
Delta R.T. -0.01 min
Lab File: BF104253.D
Acq: 5 Apr 2018 4:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 158979

Ion	Ratio	Lower	Upper
276	100		
277	22.6	17.9	26.9
138	24.7	21.8	32.8