Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
Data File : BF107094.D
Acq On : 3 Jul 2018 20:46
Operator : JU/SJ
Sample : J3840-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 03 22:49:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	48501	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	166372	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	73033	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	153254	20.00	ng		0.00
75) Chrysene-d12	14.15	240	128124	20.00	ng		-0.02
86) Perylene-d12	15.69	264	97148	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	284309	99.26	ng		0.00
7) Phenol-d6	6.60	99	340546	95.21	ng		-0.01
23) Nitrobenzene-d5	7.52	82	186572	62.32	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	88497	104.55	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	340986	77.77	ng		-0.01
78) Terphenyl-d14	13.08	244	436237	82.47	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.74	77	6139	2.048	ng		83
19) n-Nitroso-di-n-propylamine	7.52	70	23827	10.106	ng	#	74
25) Isophorone	7.52	82	186569	35.366	ng	#	64
49) Dimethylphthalate	9.71	163	62999	11.501	ng		99
56) 2,4-Dinitrotoluene	10.00	165	9547	6.306	ng	#	21
66) 4-Bromophenyl-phenylether	10.80	248	5605	3.065	ng	#	1
70) Phenanthrene	11.52	178	117478	15.893	ng		99
71) Anthracene	11.57	178	31065	4.117	ng		98
74) Fluoranthene	12.71	202	249654	30.643	ng		97
77) Pyrene	12.95	202	236860	28.034	ng		98
80) Benzo(a)anthracene	14.14	228	108965	13.954	ng		99
82) Chrysene	14.17	228	90164	12.551	ng		99
85) Indeno(1,2,3-cd)pyrene	17.28	276	35467	5.818	ng	#	88
87) Benzo(b)fluoranthene	15.23	252	117431	19.459	ng		95
88) Benzo(k)fluoranthene	15.23	252	117431	20.434	ng	#	95
89) Benzo(a)pyrene	15.62	252	63036	11.750	ng	#	94
91) Benzo(g,h,i)perylene	17.77	276	36333	8.176	ng	#	90

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

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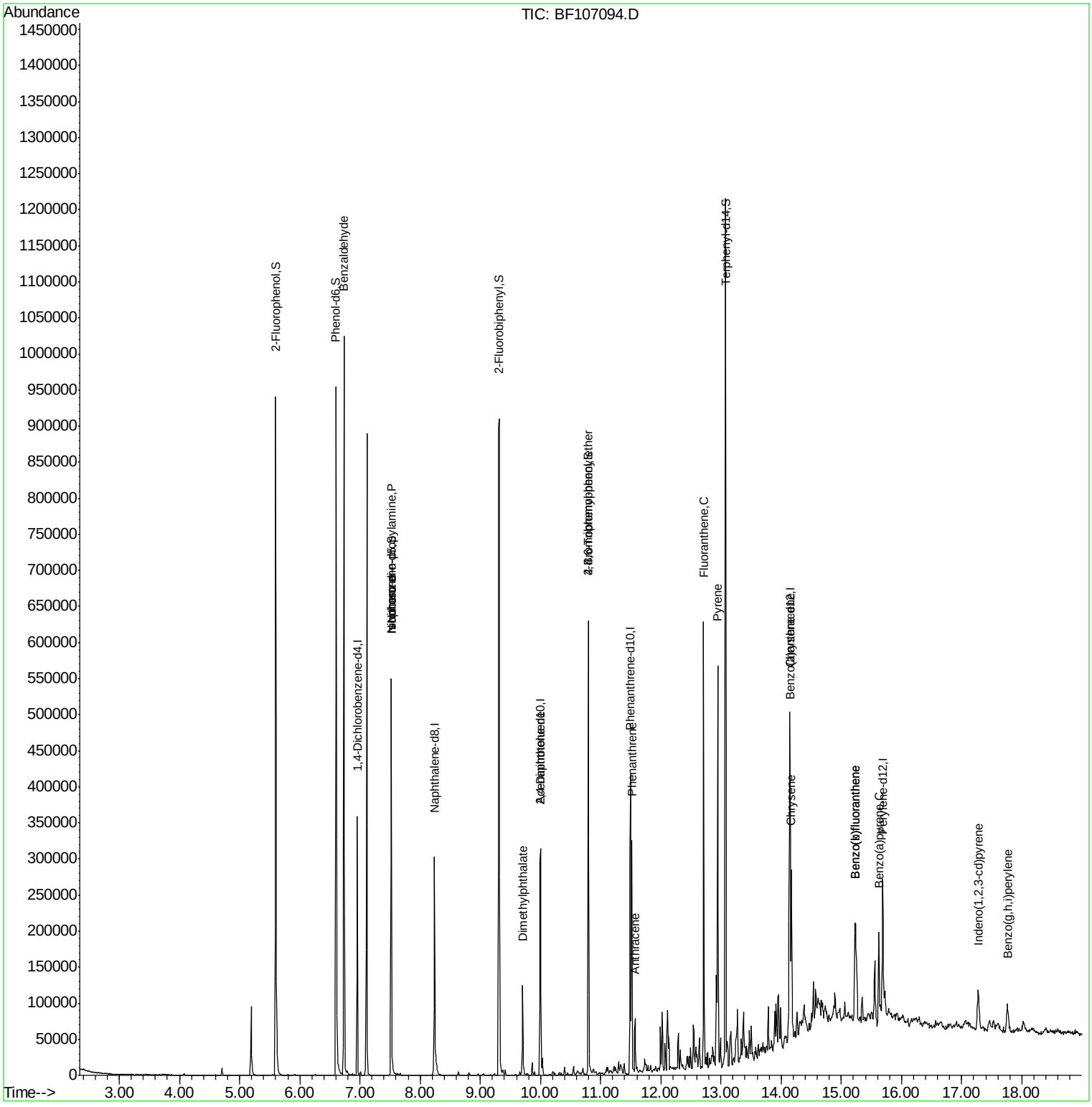
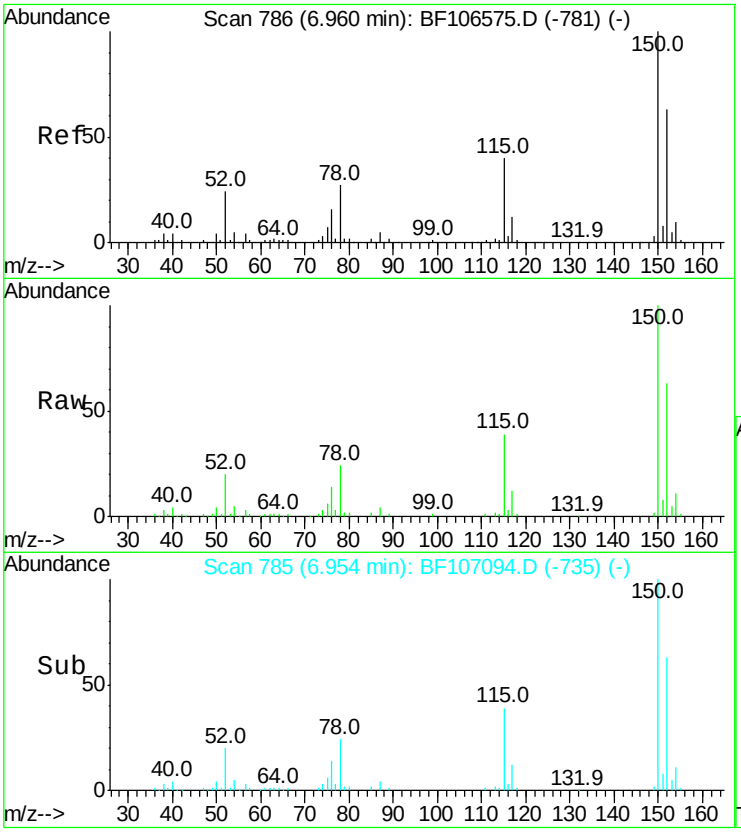


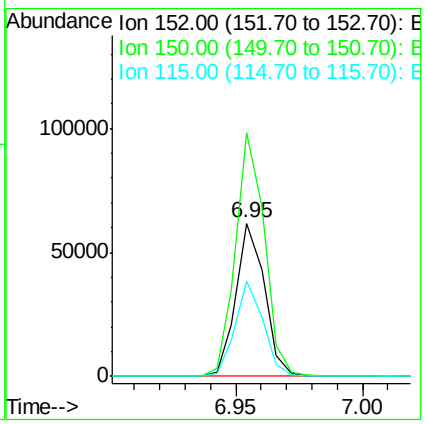


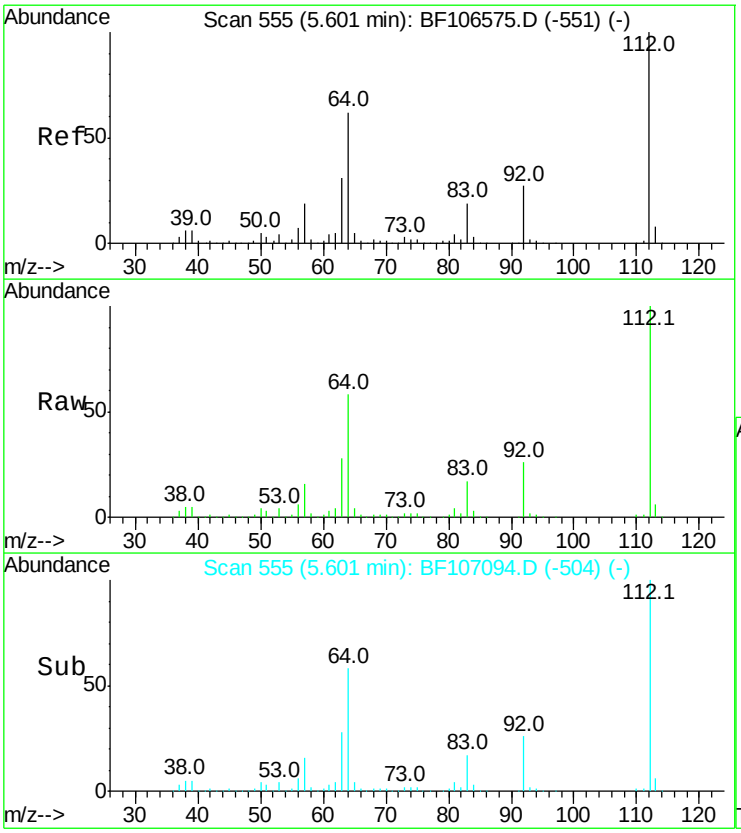
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107094.D
Acq: 3 Jul 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 48501

Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	62.3	50.1	75.1

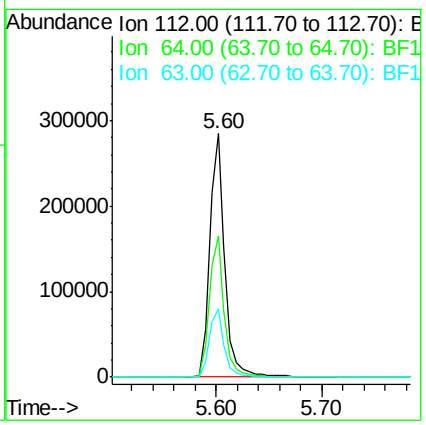


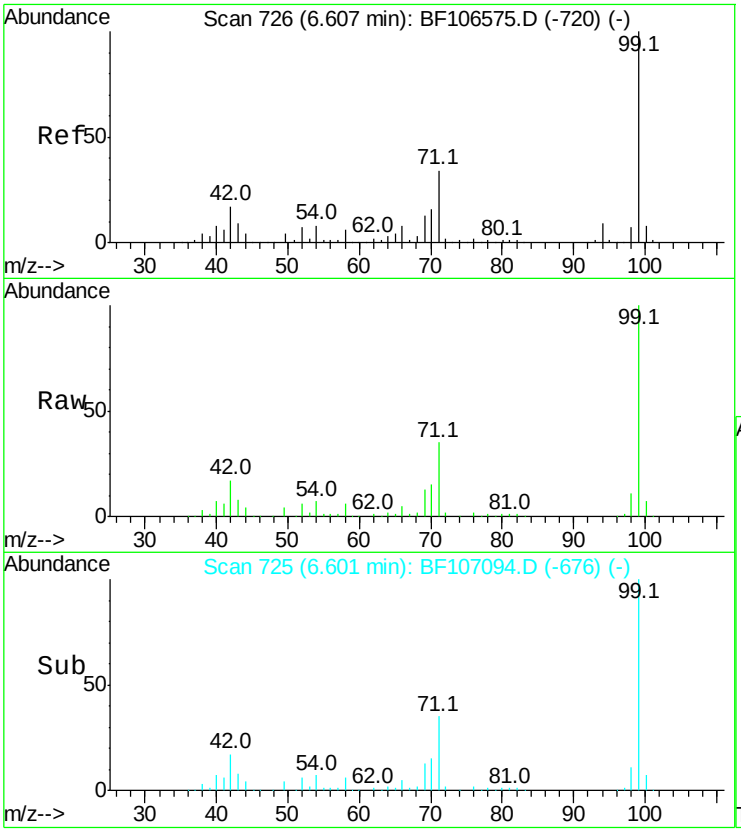


#5
2-Fluorophenol
Concen: 99.261 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF107094.D
Acq: 3 Jul 2018 20:46

Tgt Ion:112 Resp: 284309

Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.9	71.9
63	28.0	23.7	35.5



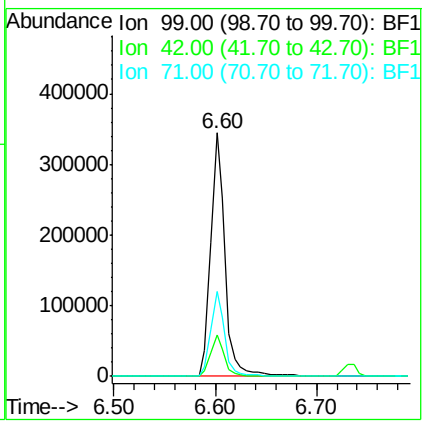


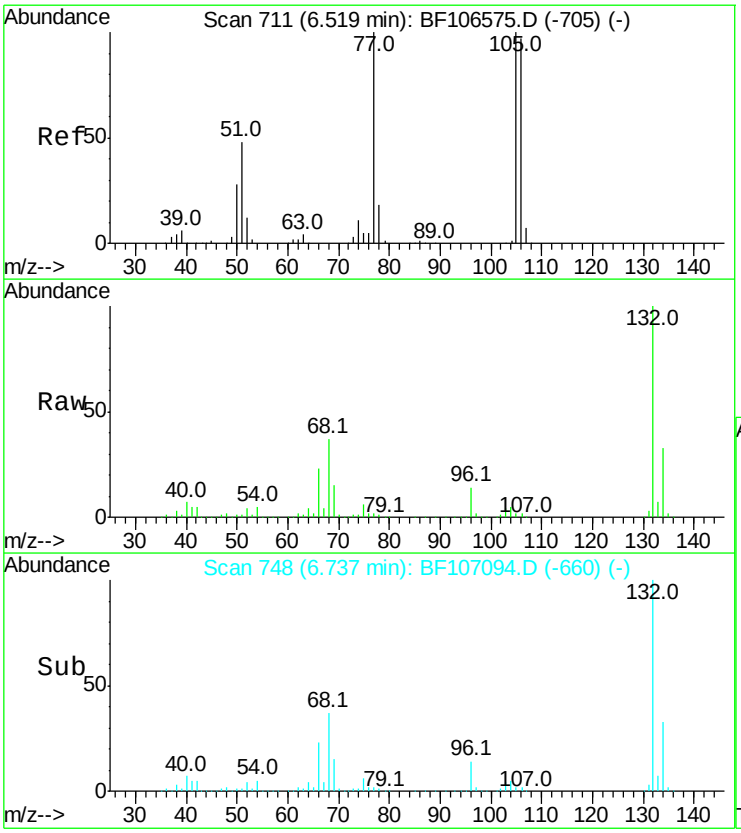
#7
Phenol-d6
Concen: 95.207 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107094.D
Acq: 3 Jul 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 340546

Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.5	21.7
71	34.6	25.4	38.0

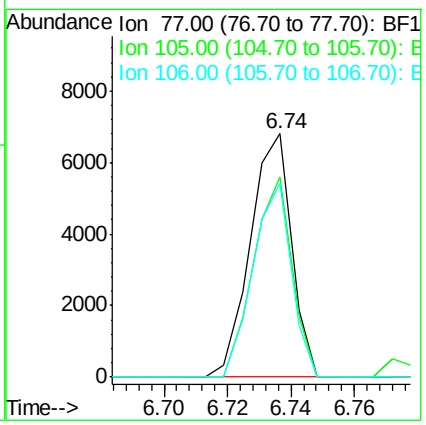


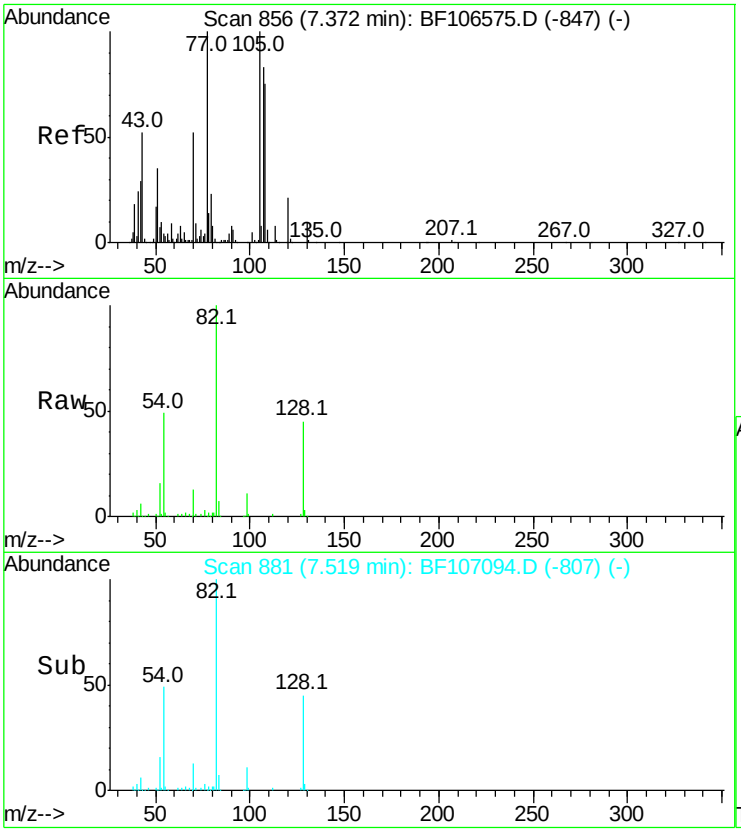


#9
Benzaldehyde
Concen: 2.048 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.22 min
Lab File: BF107094.D
Acq: 3 Jul 2018 20:46

Tgt Ion: 77 Resp: 6139

Ion	Ratio	Lower	Upper
77	100		
105	82.2	81.1	121.1
106	79.4	74.5	114.5



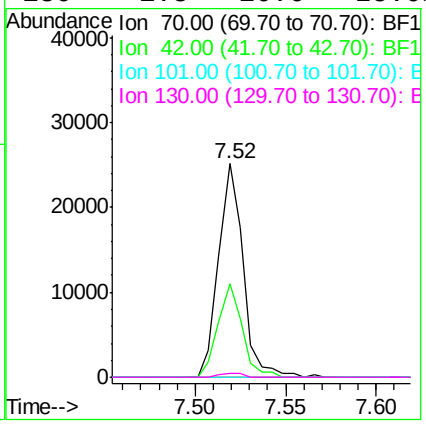


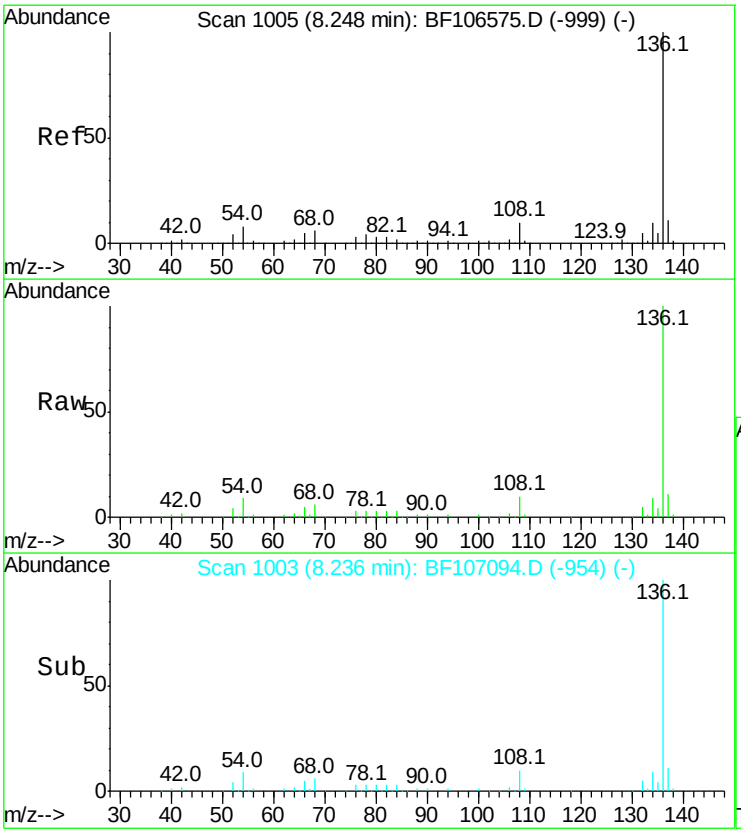
#19
n-Nitroso-di-n-propylamine
Concen: 10.106 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF107094.D
Acq: 3 Jul 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 23827

Ion	Ratio	Lower	Upper
70	100		
42	43.8	47.5	71.3#
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#

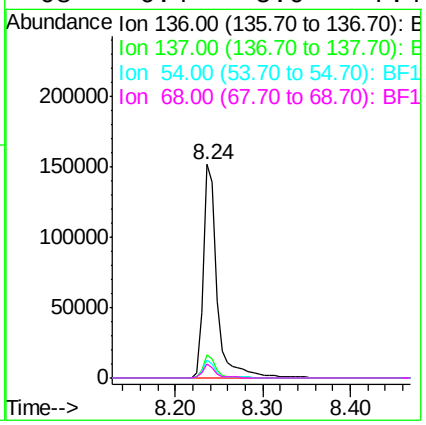


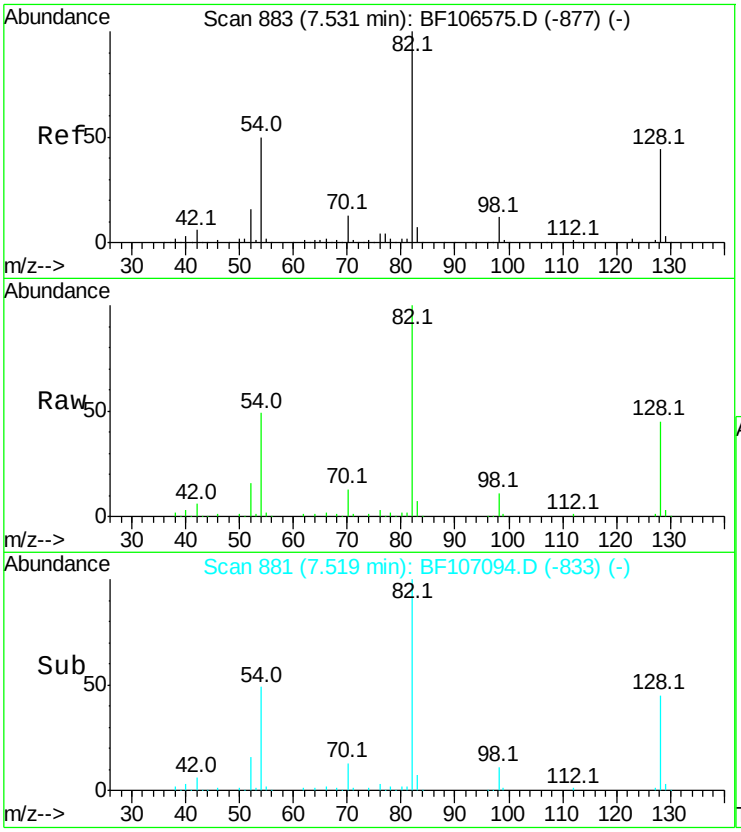


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107094.D
Acq: 3 Jul 2018 20:46

Tgt Ion:136 Resp: 166372

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.7	6.6	9.8
68	6.4	5.0	7.4



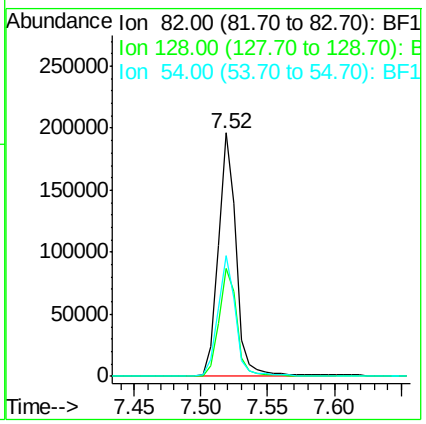


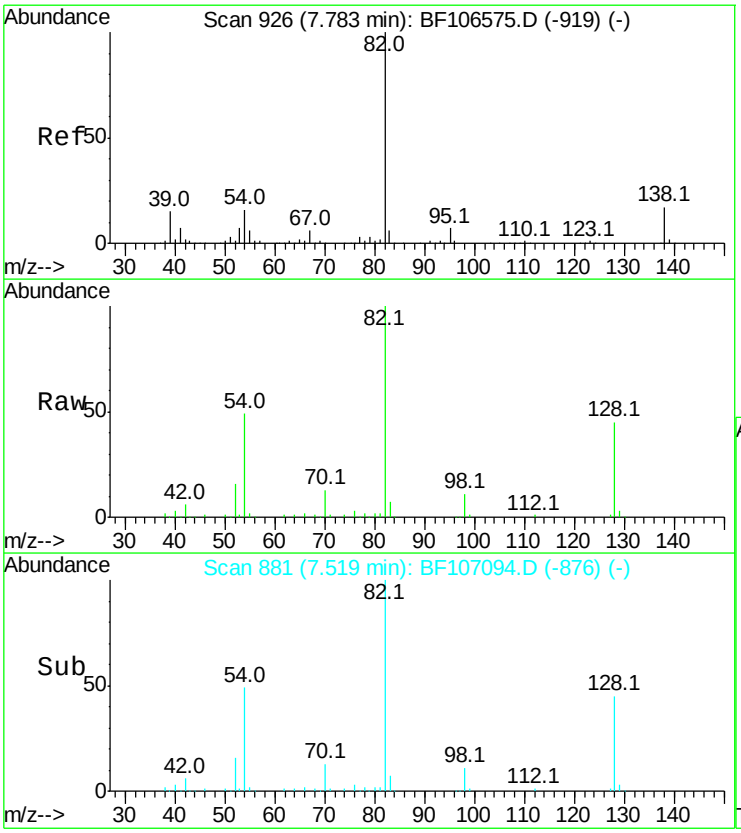
#23
Nitrobenzene-d5
Concen: 62.321 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107094.D
Acq: 3 Jul 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 186572

Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	49.4	41.4	62.2

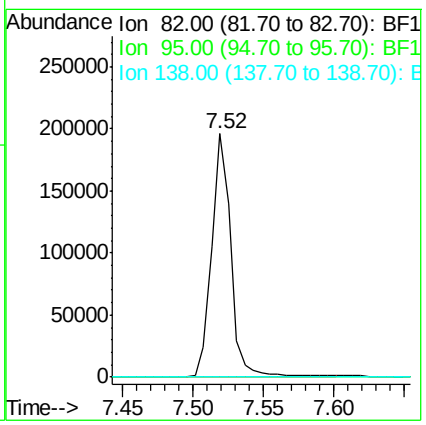


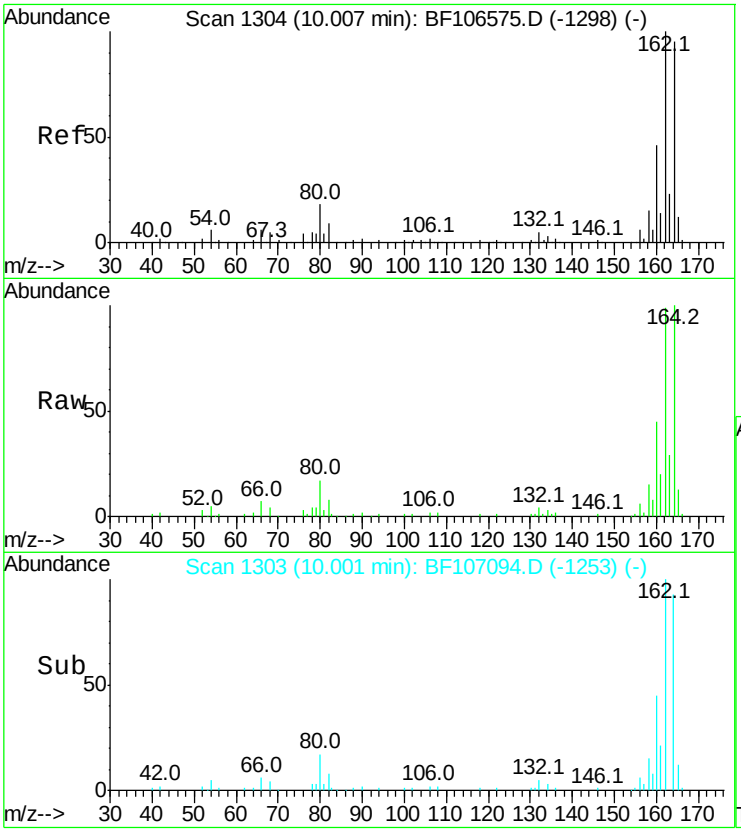


#25
Isophorone
Concen: 35.366 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF107094.D
Acq: 3 Jul 2018 20:46

Tgt Ion: 82 Resp: 186569

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



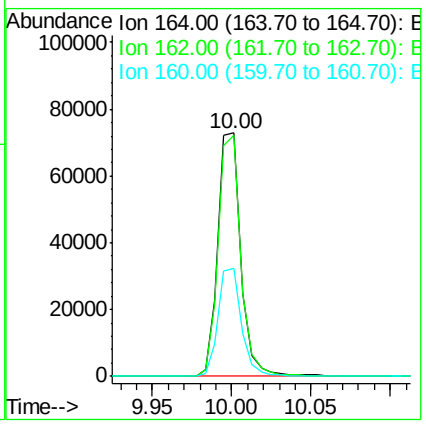


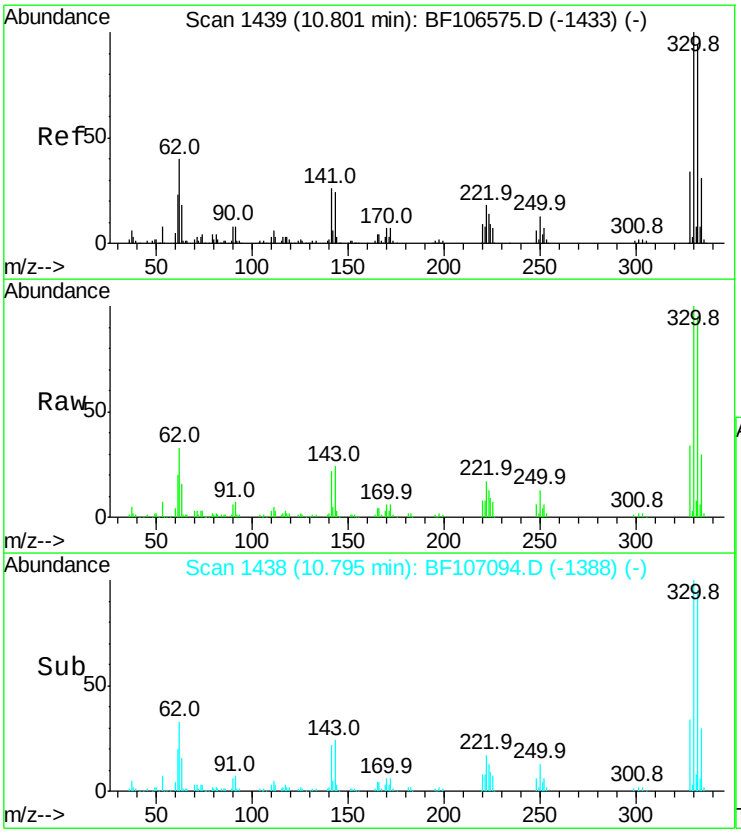
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107094.D
Acq: 3 Jul 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 73033

Ion	Ratio	Lower	Upper
164	100		
162	98.9	86.1	129.1
160	44.6	38.3	57.5

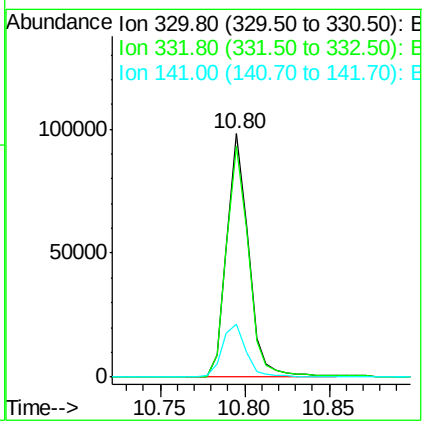


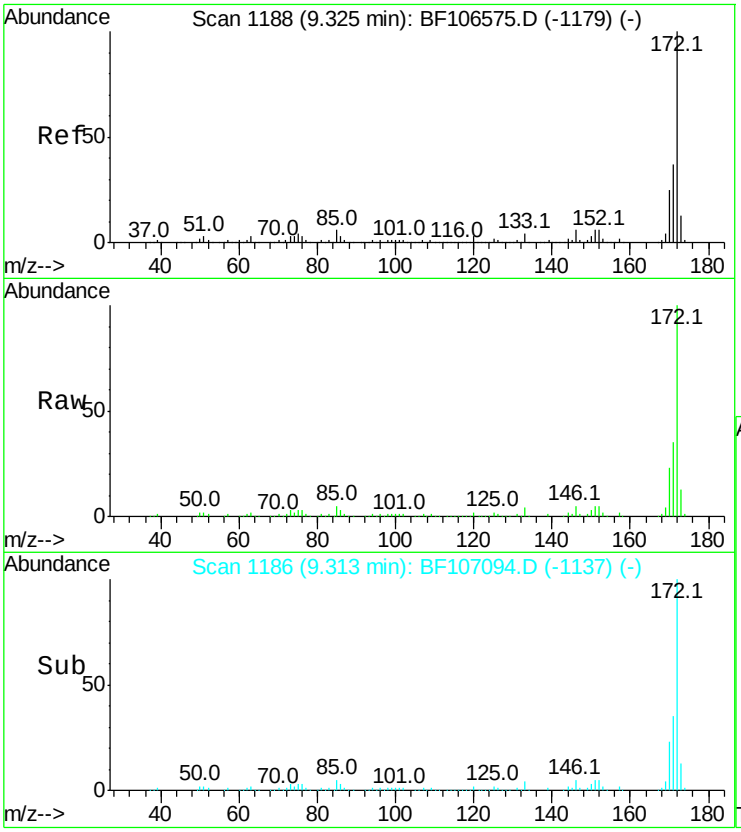


#41
2,4,6-Tribromophenol
Concen: 104.548 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107094.D
Acq: 3 Jul 2018 20:46

Tgt Ion:330 Resp: 88497

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	23.9	29.9	44.9#



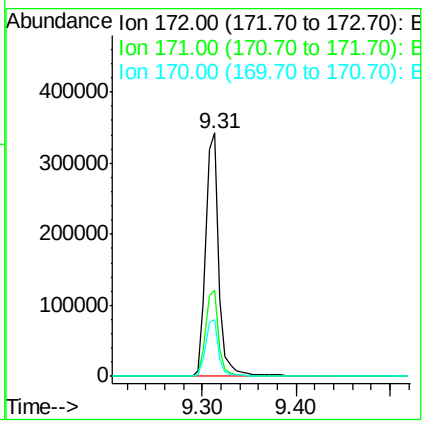


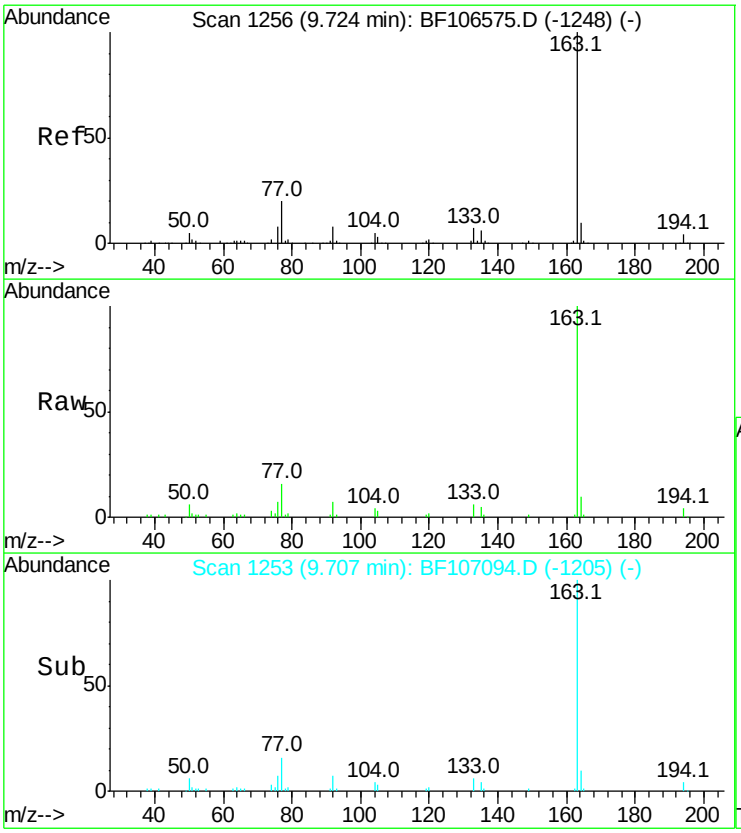
#44
2-Fluorobiphenyl
Concen: 77.773 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107094.D
Acq: 3 Jul 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 340986

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.4	19.6	29.4

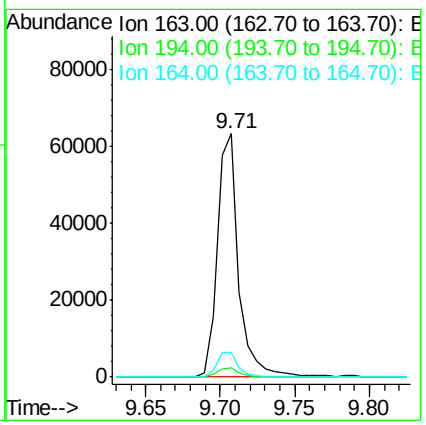


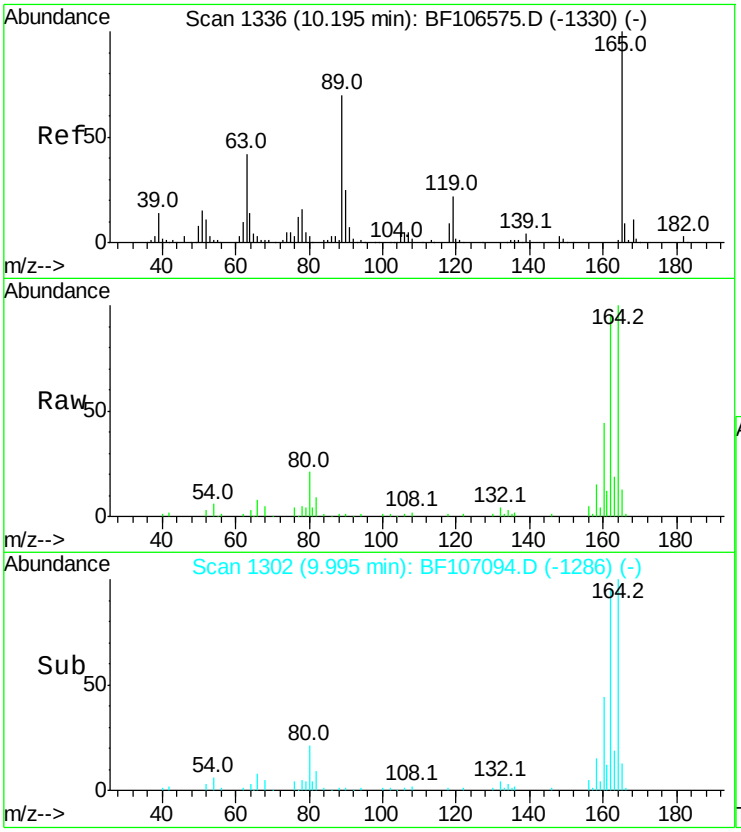


#49
Dimethylphthalate
Concen: 11.501 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF107094.D
Acq: 3 Jul 2018 20:46

Tgt Ion:163 Resp: 62999

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.1	8.2	12.2



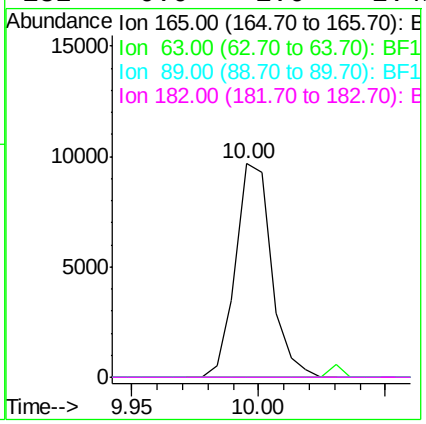


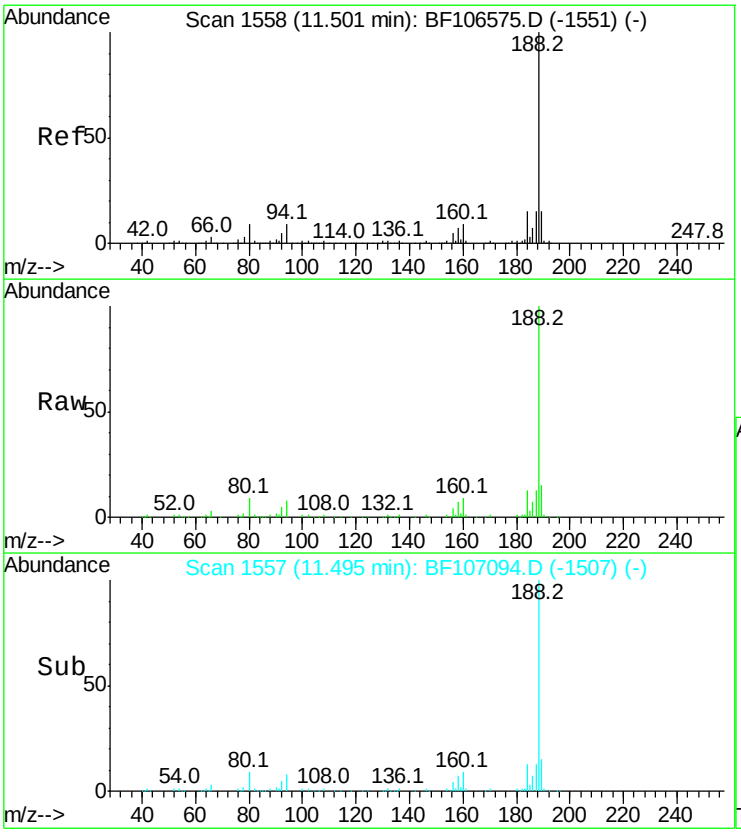
#56
2,4-Dinitrotoluene
Concen: 6.306 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF107094.D
Acq: 3 Jul 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 9547

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

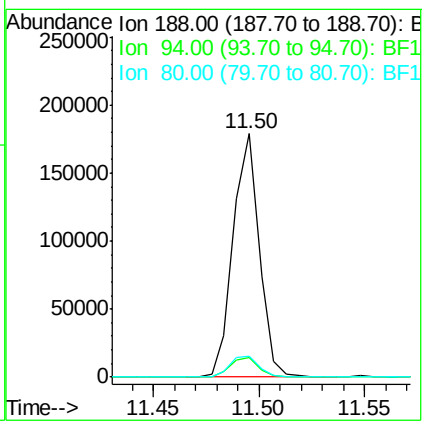


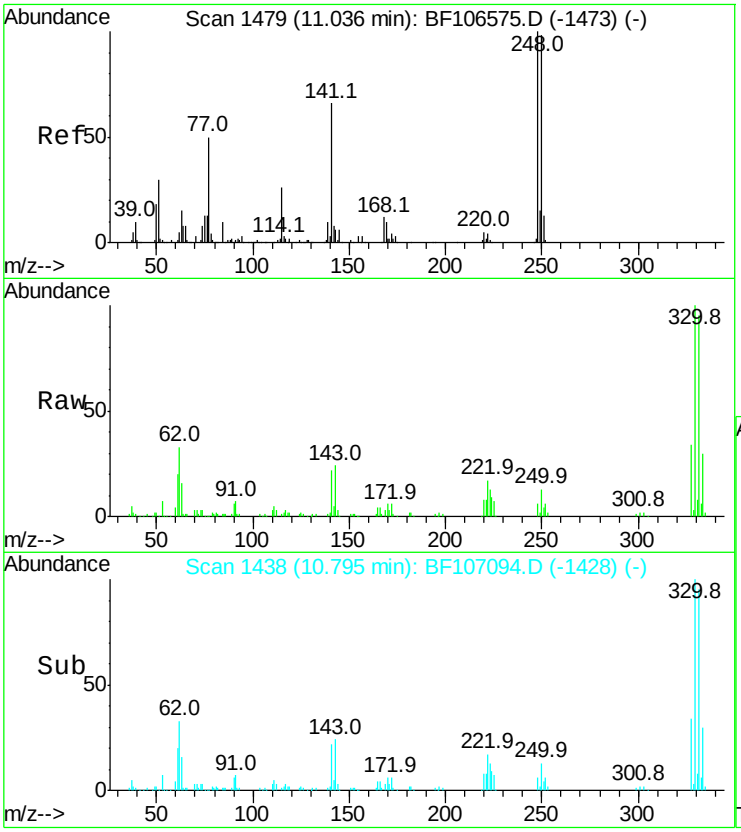


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107094.D
Acq: 3 Jul 2018 20:46

Tgt Ion:188 Resp: 153254

Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	8.7	9.2	13.8#



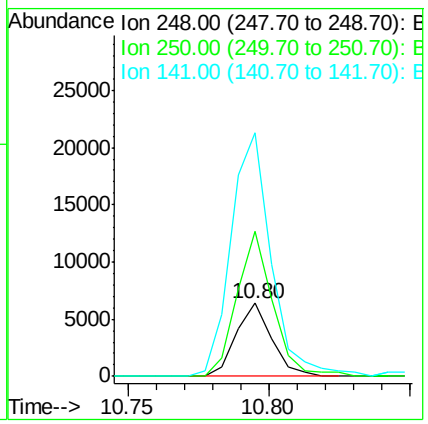


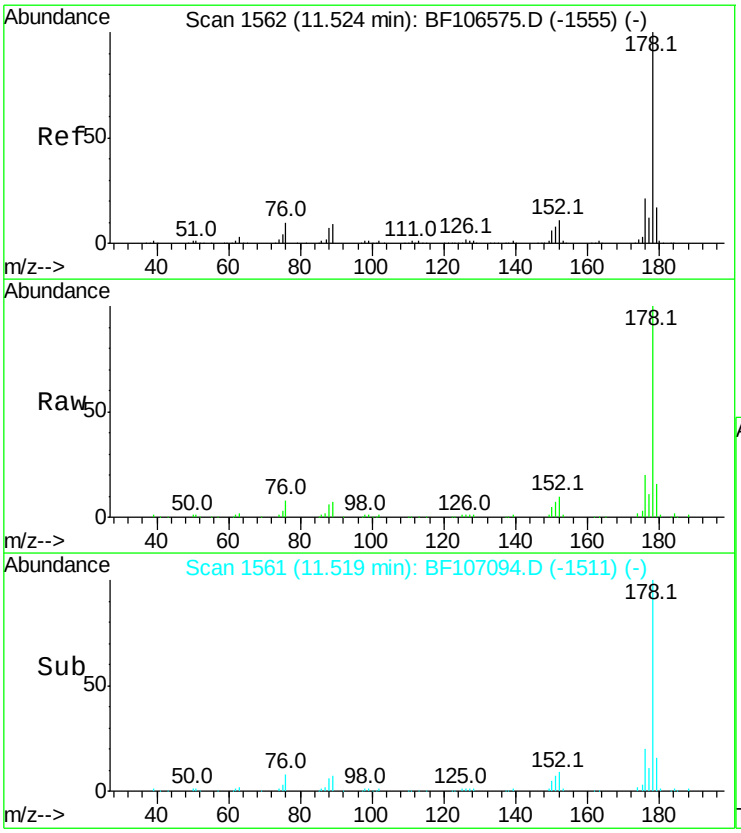
#66
4-Bromophenyl-phenylether
Concen: 3.065 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF107094.D
Acq: 3 Jul 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 5605

Ion	Ratio	Lower	Upper
248	100		
250	198.6	76.9	115.3#
141	333.6	74.4	111.6#

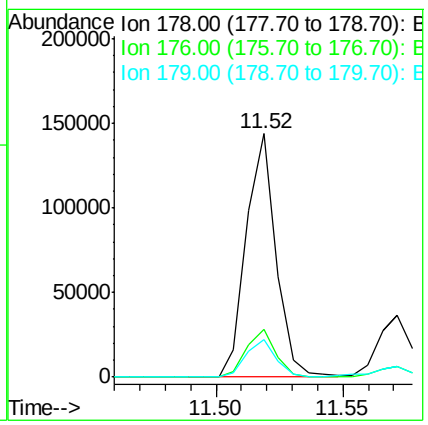


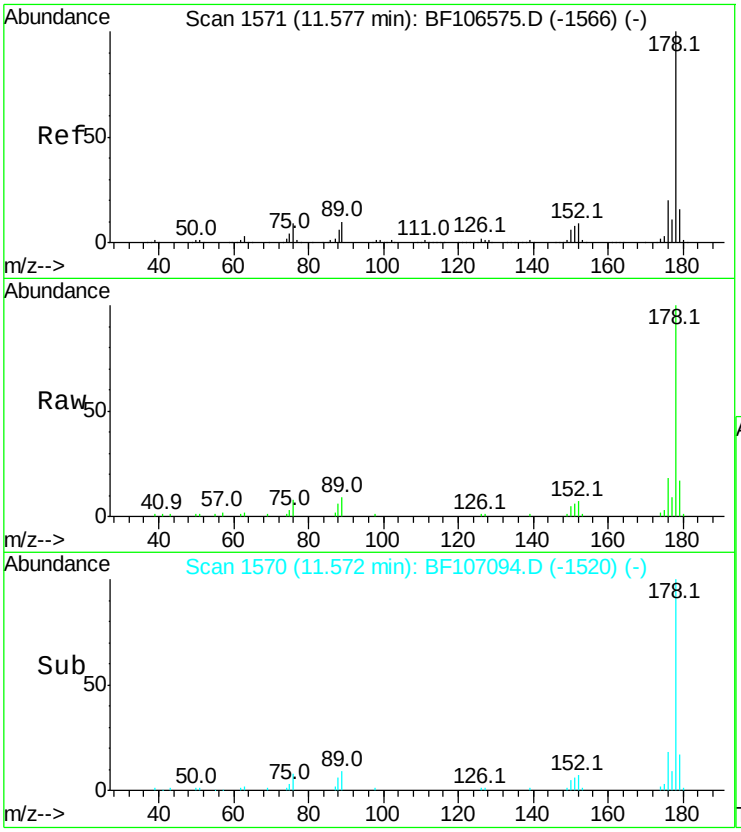


#70
Phenanthrene
Concen: 15.893 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107094.D
Acq: 3 Jul 2018 20:46

Tgt Ion:178 Resp: 117478

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.5	13.0	19.6



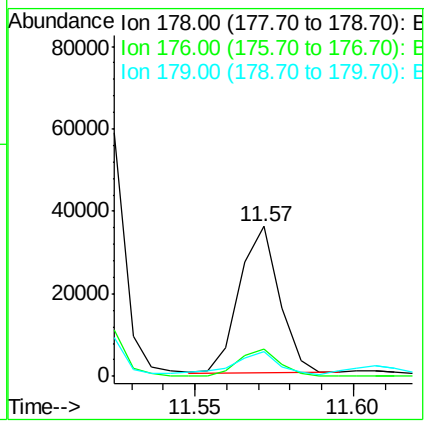


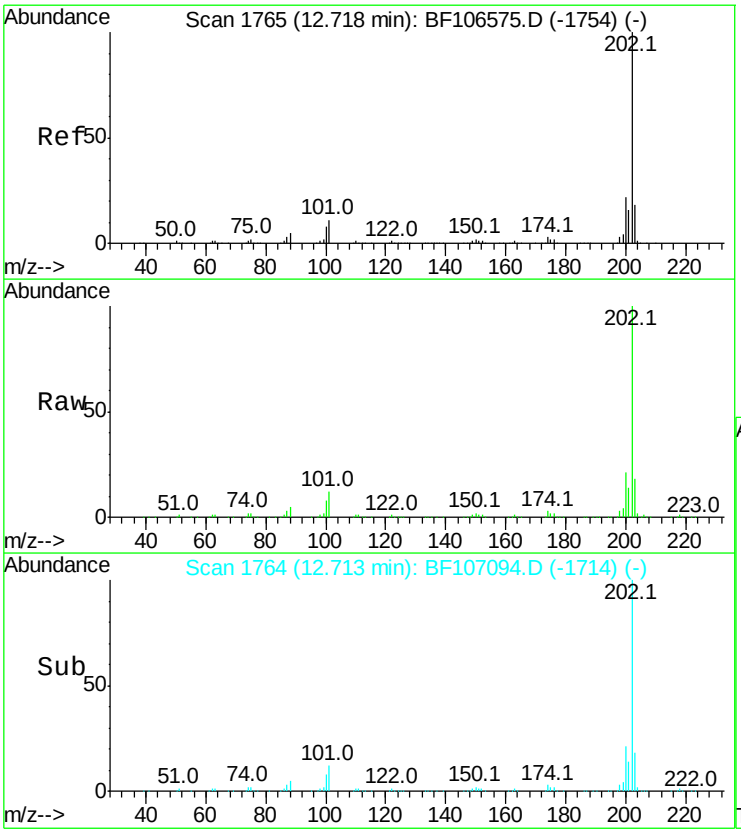
#71
Anthracene
Concen: 4.117 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF107094.D
Acq: 3 Jul 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 31065

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	16.6	12.6	19.0

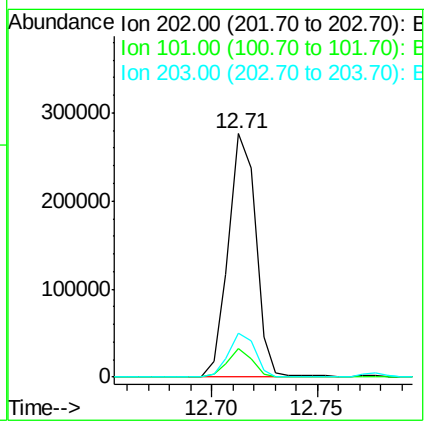


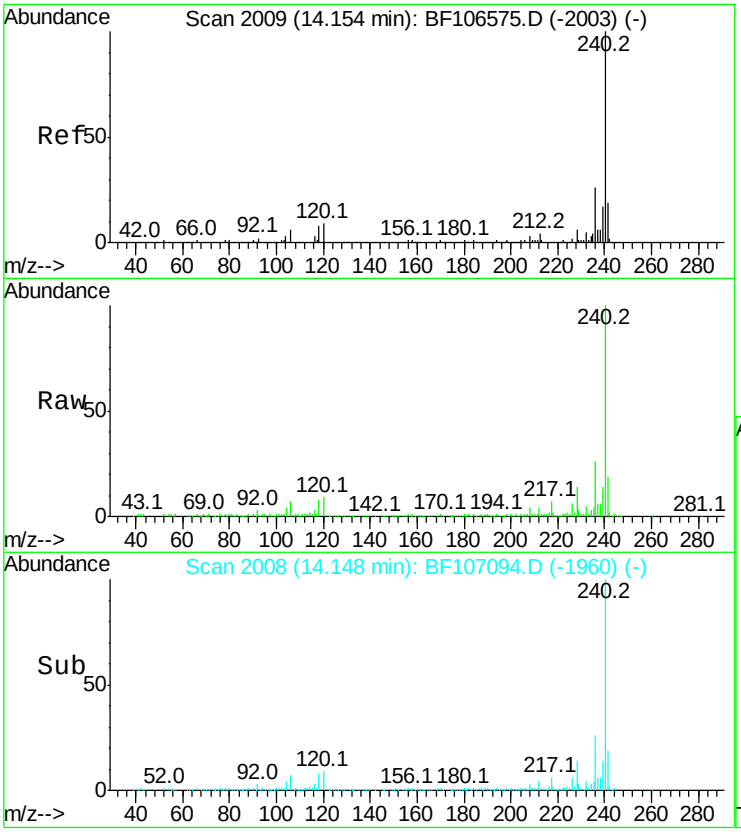


#74
Fluoranthene
Concen: 30.643 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF107094.D
Acq: 3 Jul 2018 20:46

Tgt Ion:202 Resp: 249654

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	34.1
203	17.8	0.0	38.1



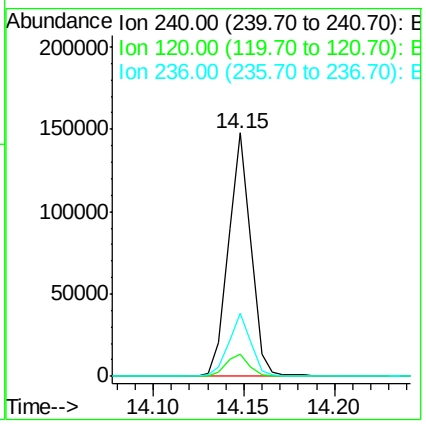


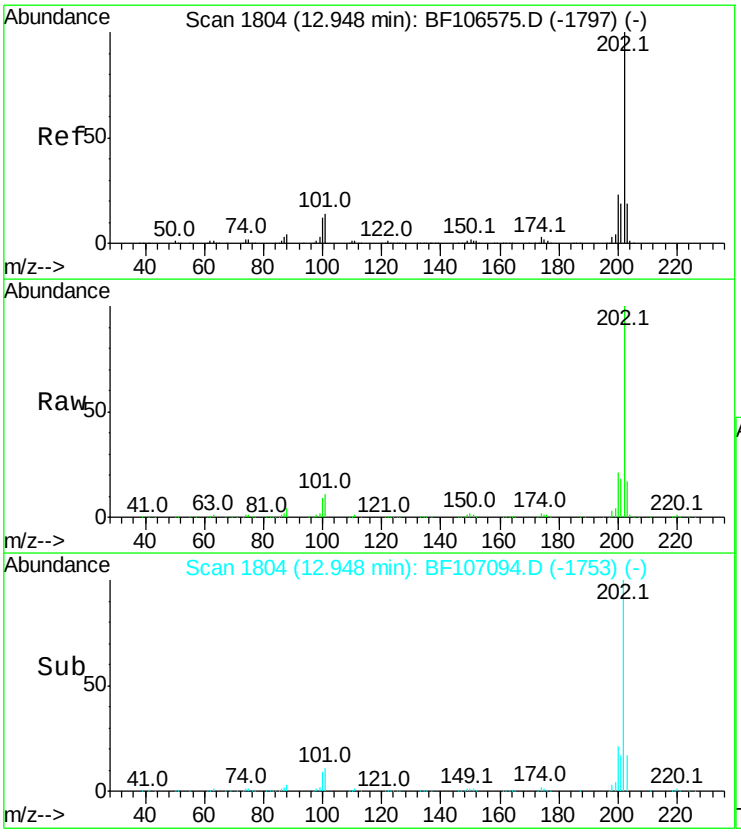
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107094.D
Acq: 3 Jul 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 128124

Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.5	14.3#
236	26.0	20.7	31.1

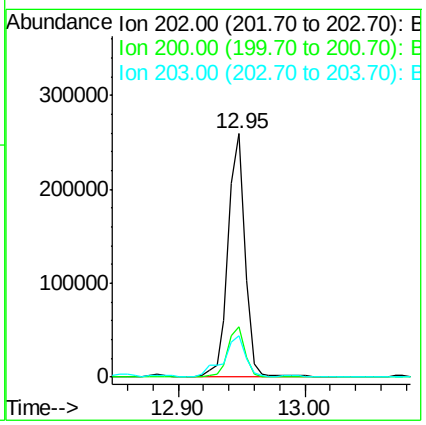


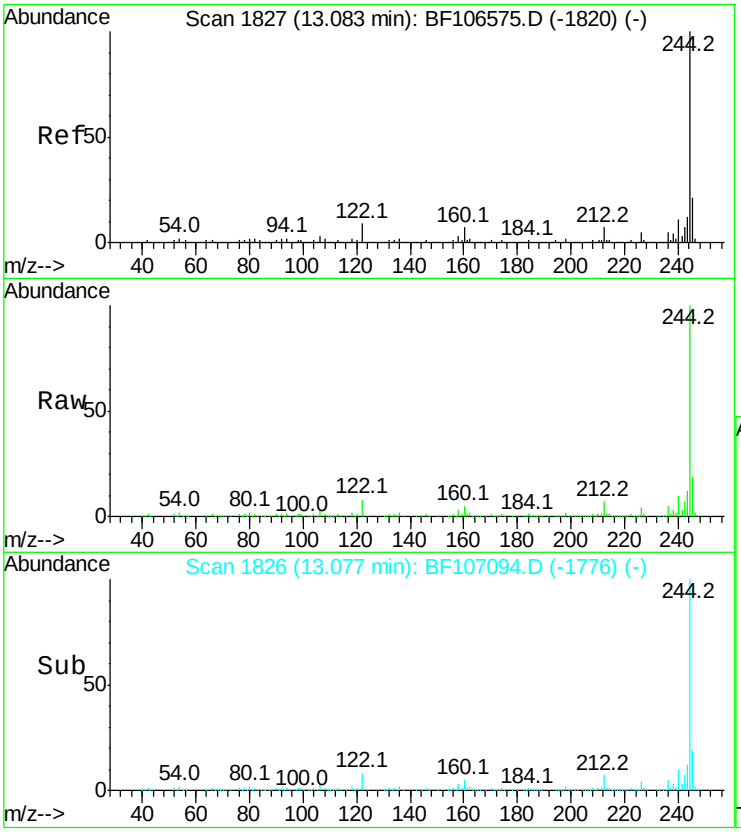


#77
Pyrene
Concen: 28.034 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF107094.D
Acq: 3 Jul 2018 20:46

Tgt Ion:202 Resp: 236860

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	17.1	14.3	21.5



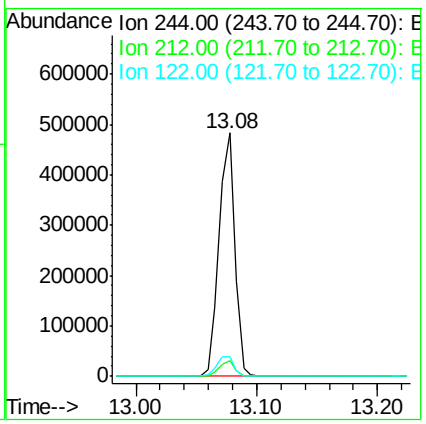


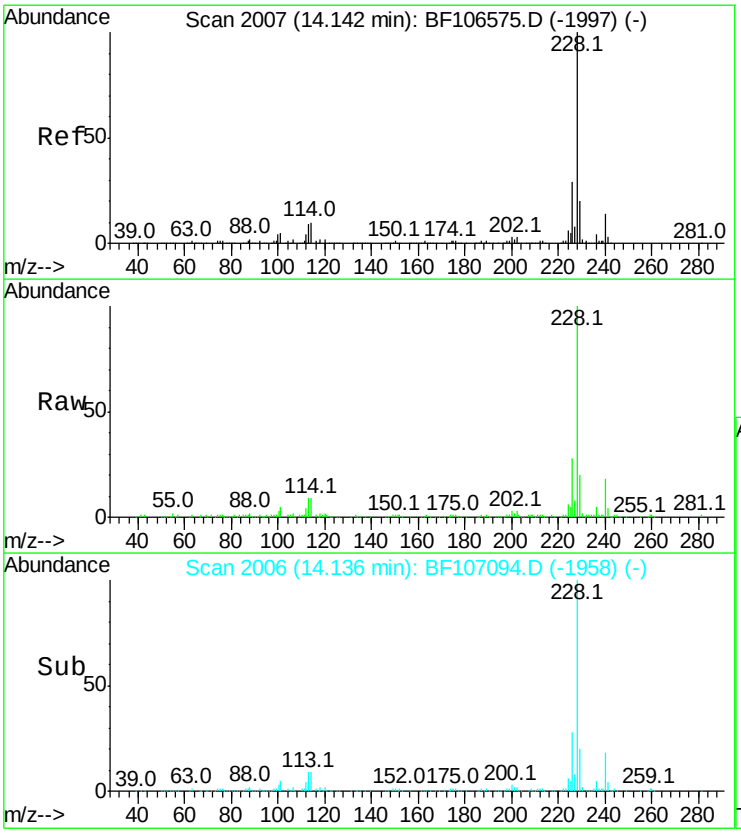
#78
Terphenyl-d14
Concen: 82.474 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF107094.D
Acq: 3 Jul 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 436237

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	8.1	11.0	16.4#

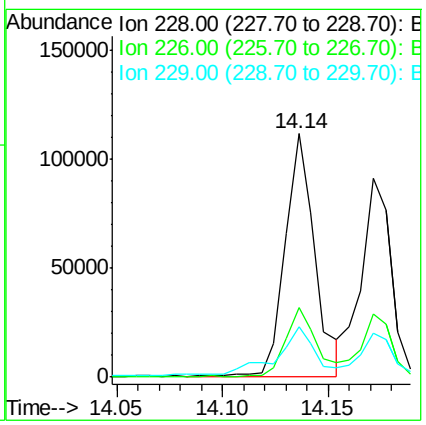


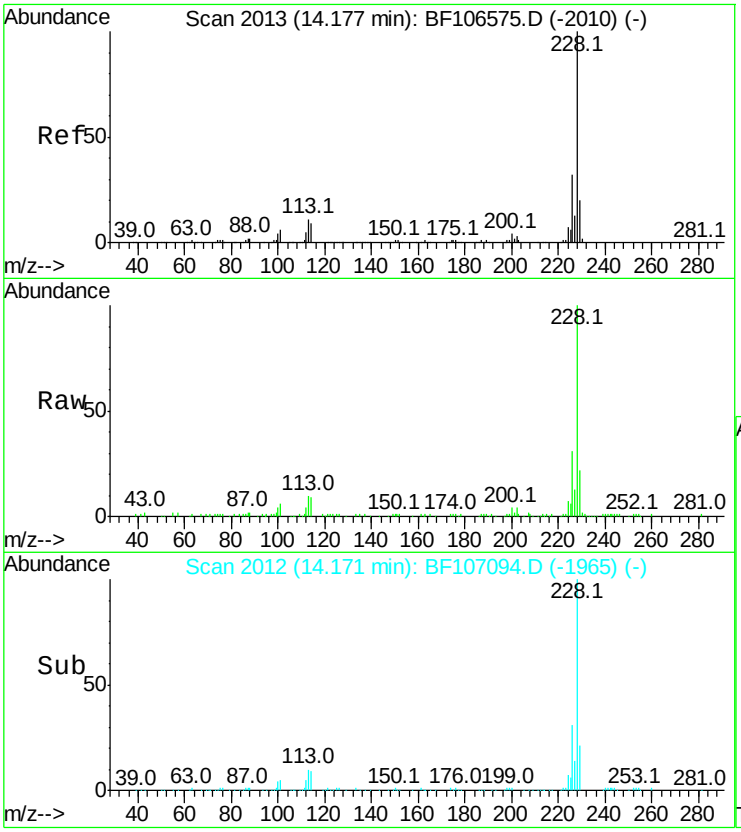


#80
Benzo(a)anthracene
Concen: 13.954 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF107094.D
Acq: 3 Jul 2018 20:46

Tgt Ion:228 Resp: 108965

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.5	15.8	23.6



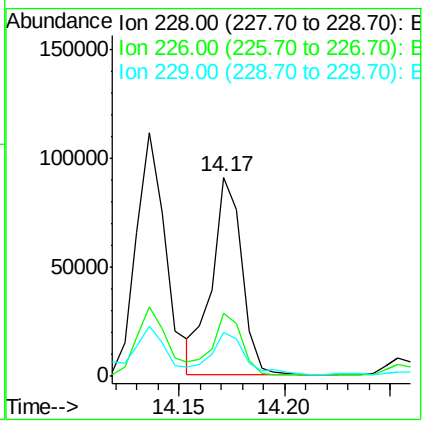


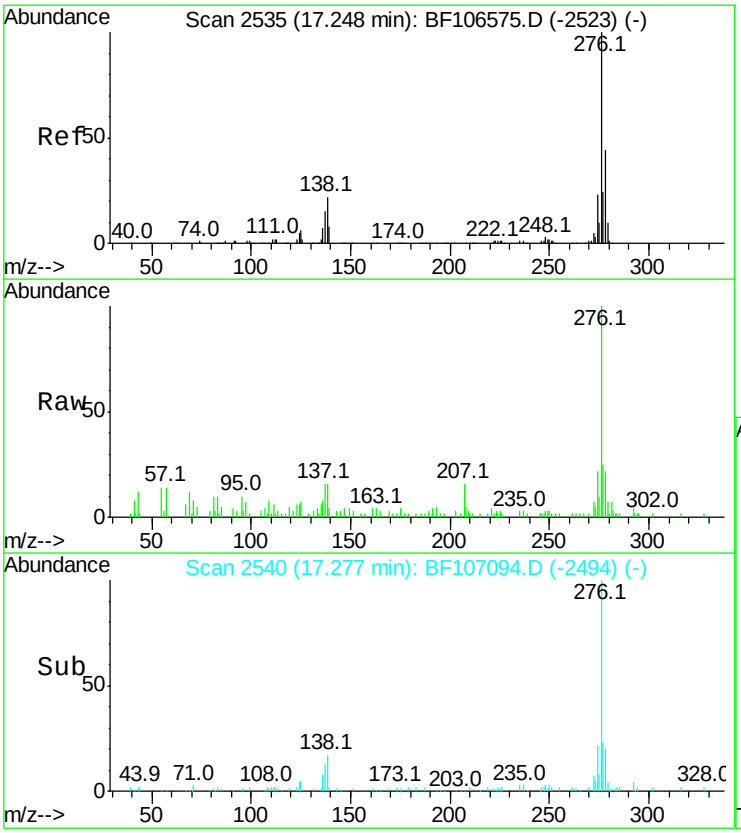
#82
Chrysene
Concen: 12.551 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF107094.D
Acq: 3 Jul 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 90164

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	21.9	16.2	24.4

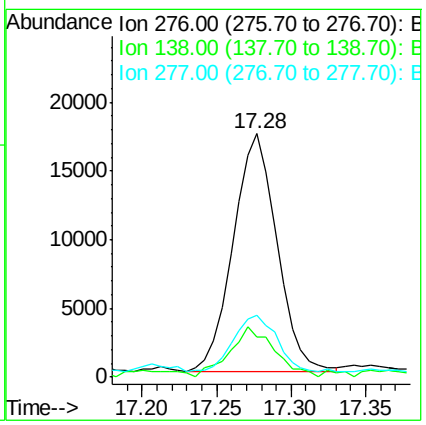


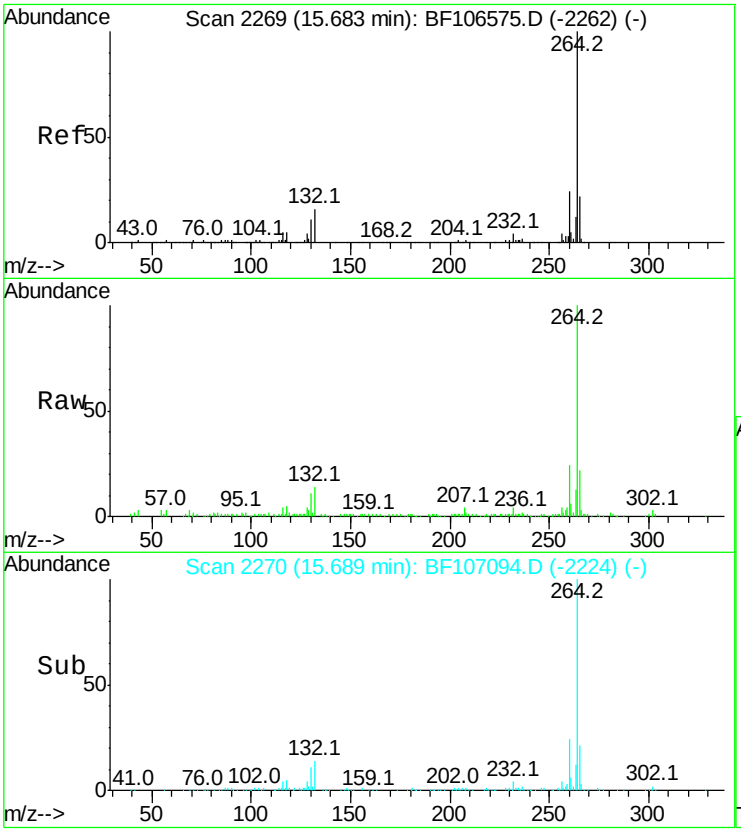


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.818 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.03 min
Lab File: BF107094.D
Acq: 3 Jul 2018 20:46

Tgt Ion:276 Resp: 35467

Ion	Ratio	Lower	Upper
276	100		
138	21.3	25.0	37.6#
277	23.3	20.1	30.1



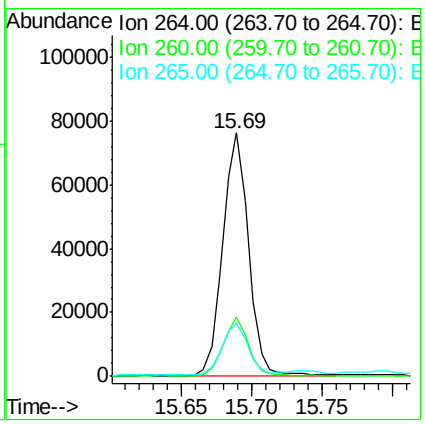


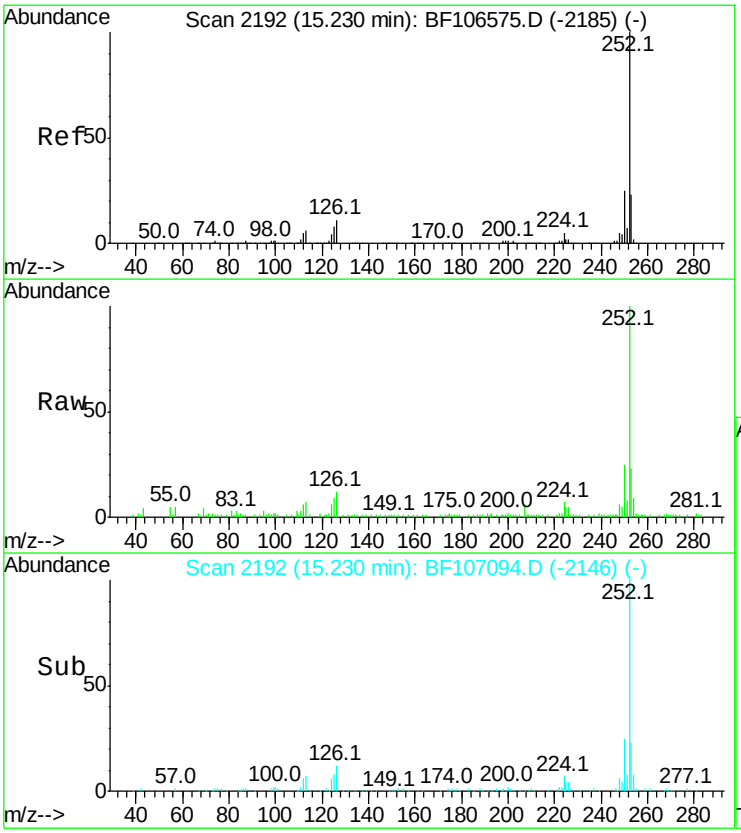
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF107094.D
Acq: 3 Jul 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 97148

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.8	17.5	26.3

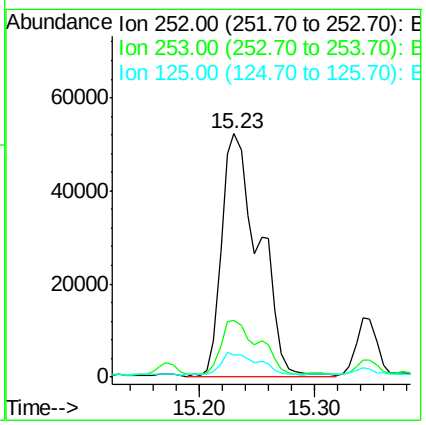


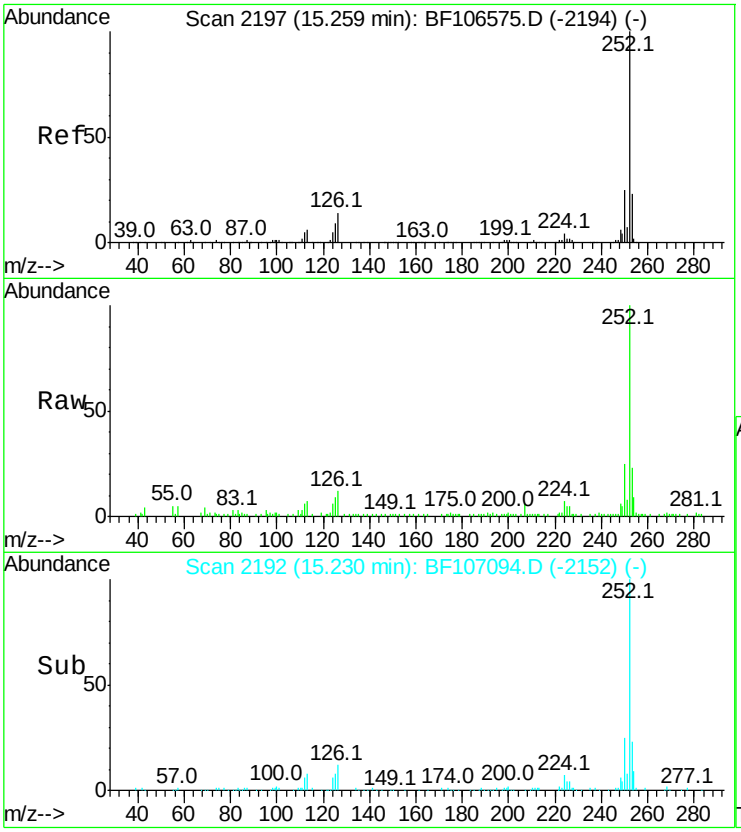


#87
Benzo(b)fluoranthene
Concen: 19.459 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF107094.D
Acq: 3 Jul 2018 20:46

Tgt Ion:252 Resp: 117431

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	9.1	9.0	13.6



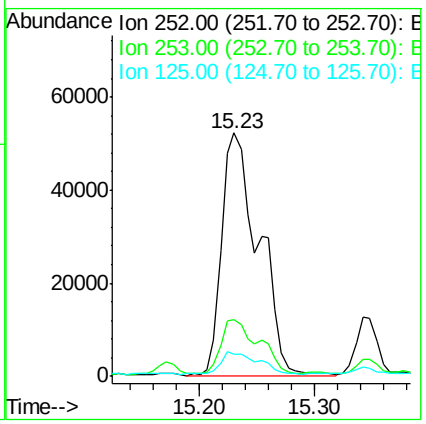


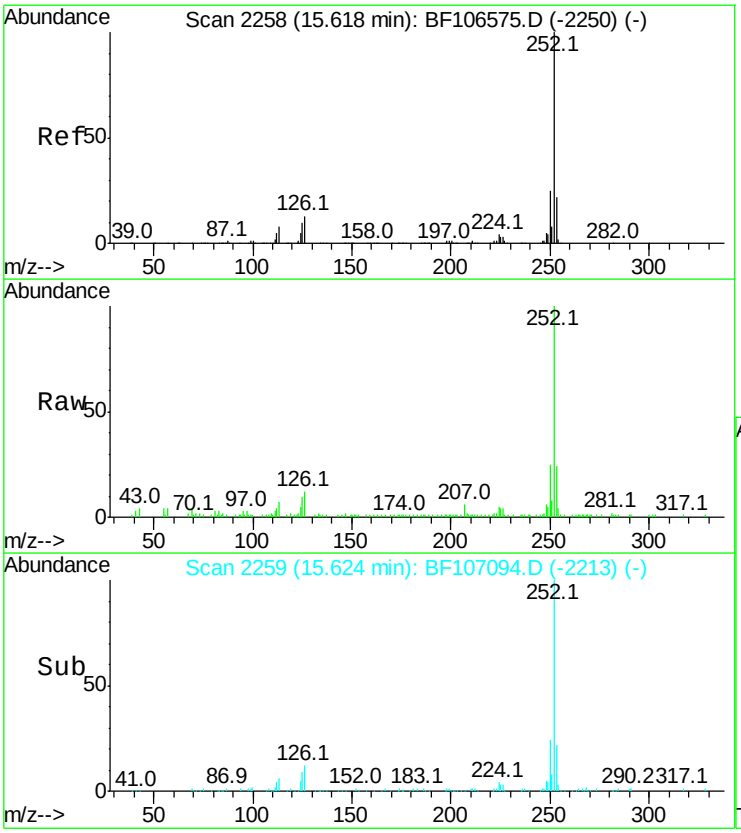
#88
Benzo(k)fluoranthene
Concen: 20.434 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.06 min
Lab File: BF107094.D
Acq: 3 Jul 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 117431

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	9.1	10.2	15.2#

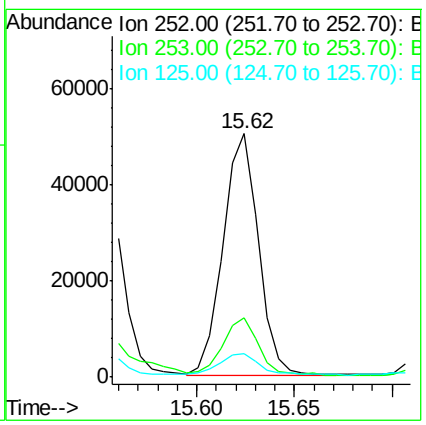


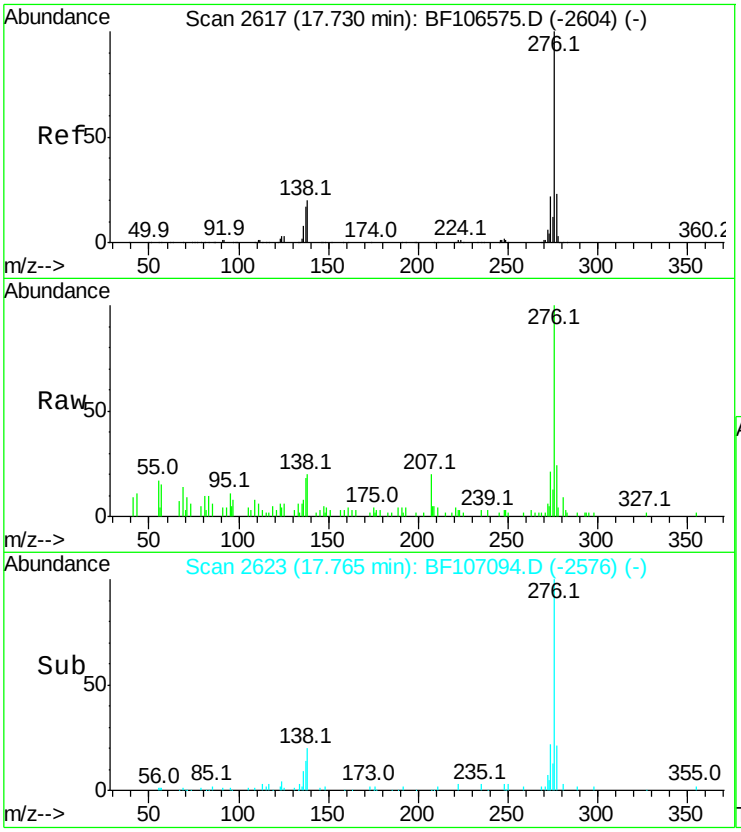


#89
Benzo(a)pyrene
Concen: 11.750 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.03 min
Lab File: BF107094.D
Acq: 3 Jul 2018 20:46

Tgt Ion:252 Resp: 63036

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	9.5	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 8.176 ng
RT: 17.77 min Scan# 2623
Delta R.T. -0.02 min
Lab File: BF107094.D
Acq: 3 Jul 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 36333

Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	19.5	21.8	32.8#