Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
Data File : BF097121.D
Acq On : 27 Jul 2017 14:38
Operator : SJ/JU
Sample : I4421-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 27 15:54:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	102327	20.00	ng		-0.01
21) Naphthalene-d8	7.77	136	380812	20.00	ng		-0.02
38) Acenaphthene-d10	9.52	164	162745	20.00	ng		-0.02
63) Phenanthrene-d10	10.99	188	220254	20.00	ng		-0.02
75) Chrysene-d12	13.61	240	200861	20.00	ng		-0.02
86) Perylene-d12	14.96	264	181012	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	706119	104.03	ng		0.00
7) Phenol-d6	6.15	99	917916	118.45	ng		-0.02
23) Nitrobenzene-d5	7.06	82	581037	89.51	ng		-0.02
41) 2,4,6-Tribromophenol	10.30	330	126689	98.53	ng		-0.02
44) 2-Fluorobiphenyl	8.85	172	795333	82.94	ng		-0.02
78) Terphenyl-d14	12.57	244	515742	52.35	ng		-0.01
Target Compounds							Qvalue
6) Aniline	6.23	93	57069	5.852	ng	#	54
10) Phenol	6.16	94	34734	3.779	ng		99
11) bis(2-Chloroethyl)ether	6.23	93	57069	7.850	ng		96
13) 1,4-Dichlorobenzene	6.66	146	21372	2.757	ng		95
14) 1,2-Dichlorobenzene	6.66	146	21372	3.158	ng		98
19) n-Nitroso-di-n-propylamine	7.06	70	78319	15.354	ng	#	88
25) Isophorone	7.06	82	573580	45.119	ng	#	67
31) Naphthalene	7.79	128	444954	24.787	ng		99
33) 4-Chloroaniline	7.79	127	59062	8.086	ng	#	37
37) 2-Methylnaphthalene	8.49	142	308337	27.129	ng		99
45) 1,1'-Biphenyl	8.95	154	50000	3.597	ng		95
49) Dimethylphthalate	9.25	163	214442	17.352	ng		99
57) Fluorene	10.06	166	31533	3.406	ng	#	80
65) n-Nitrosodiphenylamine	10.18	169	28371	3.702	ng	#	39
66) 4-Bromophenyl-phenylether	10.30	248	8247	3.752	ng	#	1
70) Phenanthrene	11.01	178	103655	8.783	ng		98
71) Anthracene	11.06	178	28459	2.354	ng		96
74) Fluoranthene	12.19	202	195419	16.903	ng		97
77) Pyrene	12.42	202	187311	11.391	ng		99
80) Benzo(a)anthracene	13.60	228	86635	6.666	ng		97
82) Chrysene	13.64	228	85853	6.765	ng		96
85) Indeno(1,2,3-cd)pyrene	16.18	276	49694	4.567	ng		94
87) Benzo(b)fluoranthene	14.60	252	156993	14.428	ng	#	95
88) Benzo(k)fluoranthene	14.60	252	156993	15.141	ng		98
89) Benzo(a)pyrene	14.91	252	82598	8.294	ng	#	95
91) Benzo(g,h,i)perylene	16.54	276	52347	6.112	ng		98

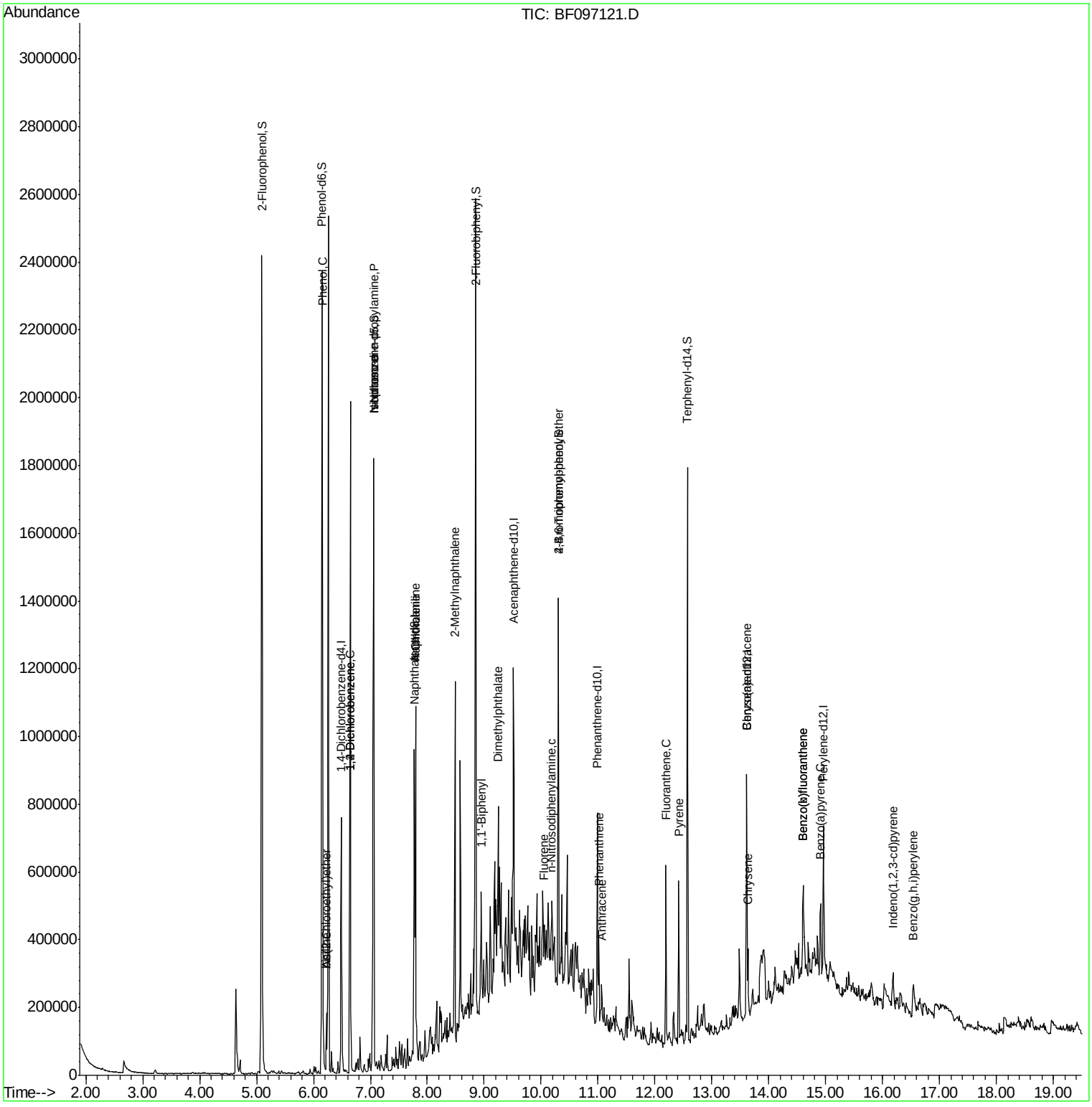
(#) = qualifier out of range (m) = manual integration (+) = signals summed

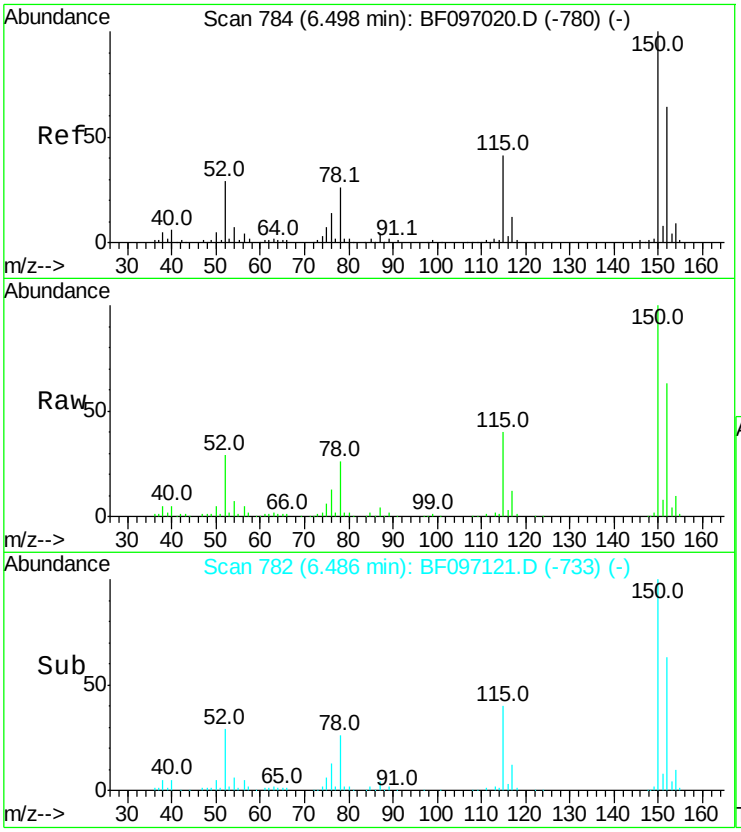
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
Data File : BF097121.D
Acq On : 27 Jul 2017 14:38
Operator : SJ/JU
Sample : I4421-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 27 15:54:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration



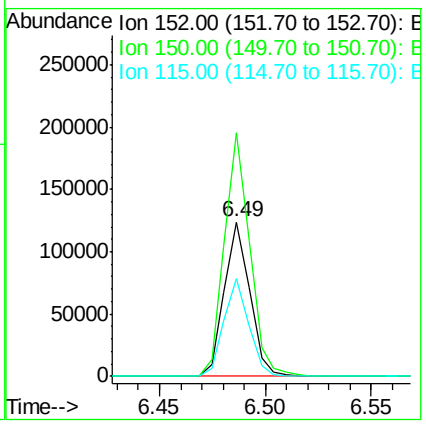


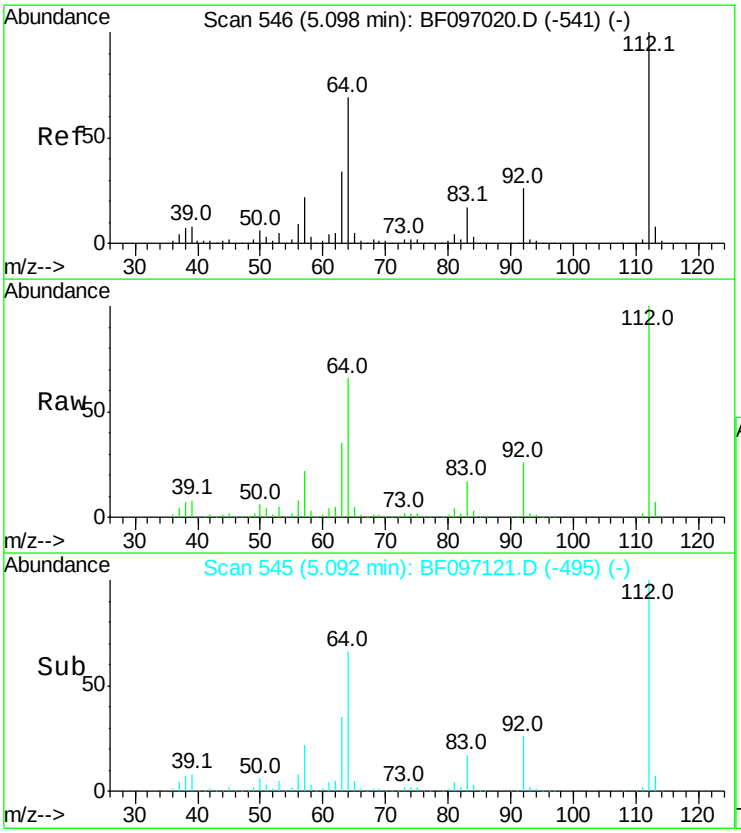
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 102327

Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.2	189.2
115	63.4	52.2	78.2

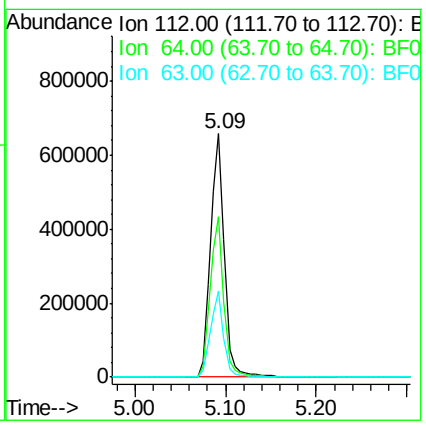


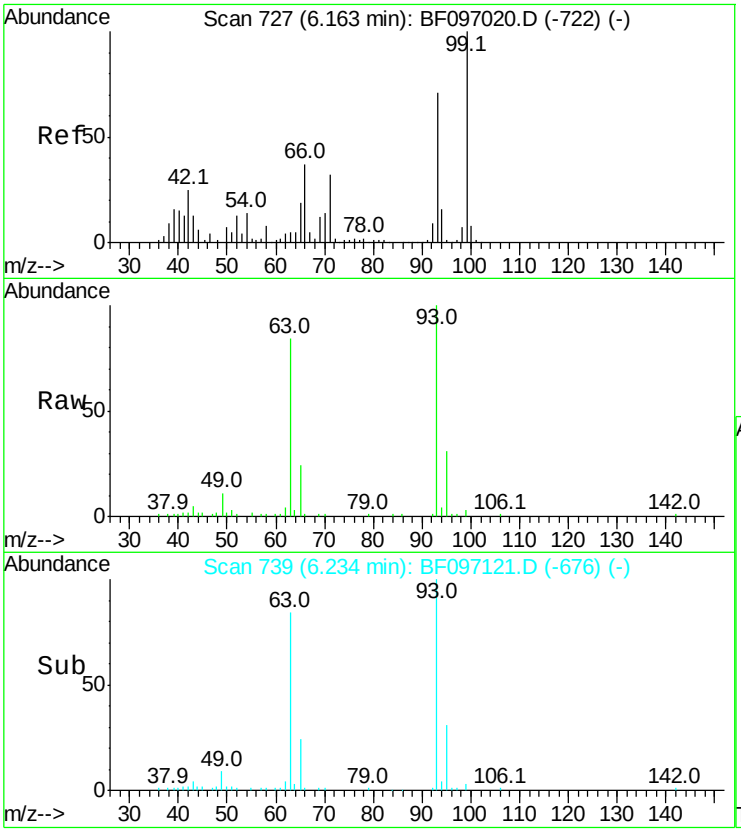


#5
2-Fluorophenol
Concen: 104.026 ng
RT: 5.09 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Tgt Ion:112 Resp: 706119

Ion	Ratio	Lower	Upper
112	100		
64	66.0	46.0	69.0
63	35.2	23.4	35.0#



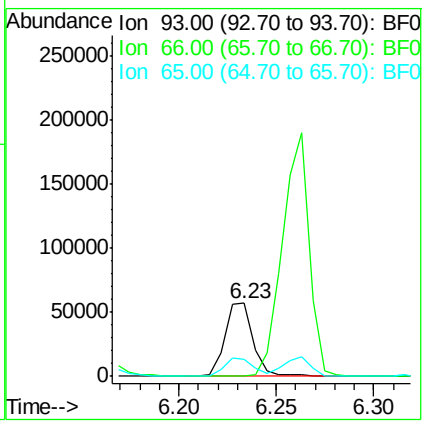


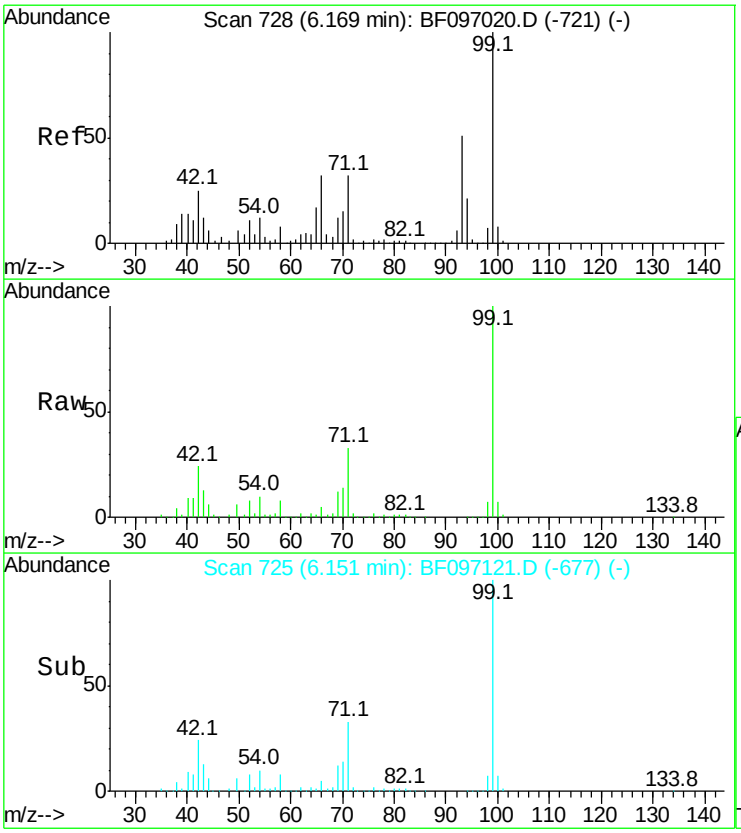
#6
Aniline
Concen: 5.852 ng
RT: 6.23 min Scan# 739
Delta R.T. 0.07 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 57069

Ion	Ratio	Lower	Upper
93	100		
66	0.9	32.9	49.3#
65	24.1	16.0	24.0#

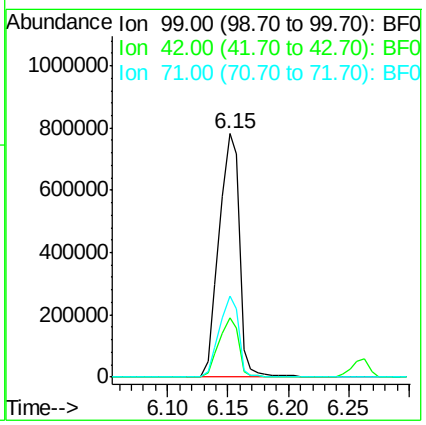


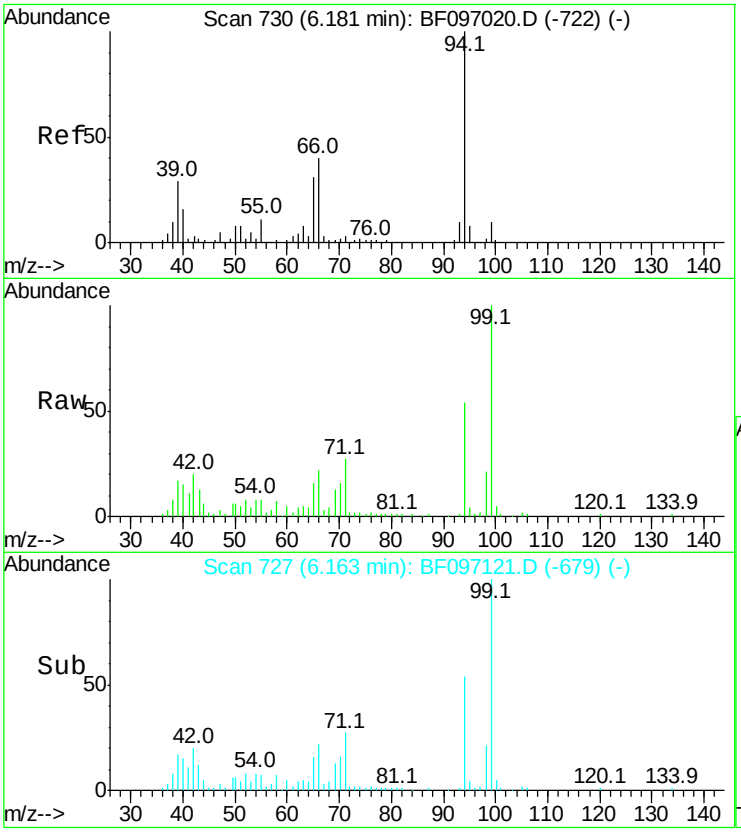


#7
Phenol-d6
Concen: 118.453 ng
RT: 6.15 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Tgt Ion: 99 Resp: 917916

Ion	Ratio	Lower	Upper
99	100		
42	24.4	13.5	20.3#
71	33.2	24.5	36.7



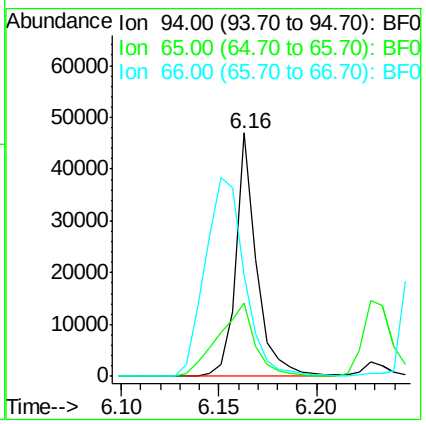


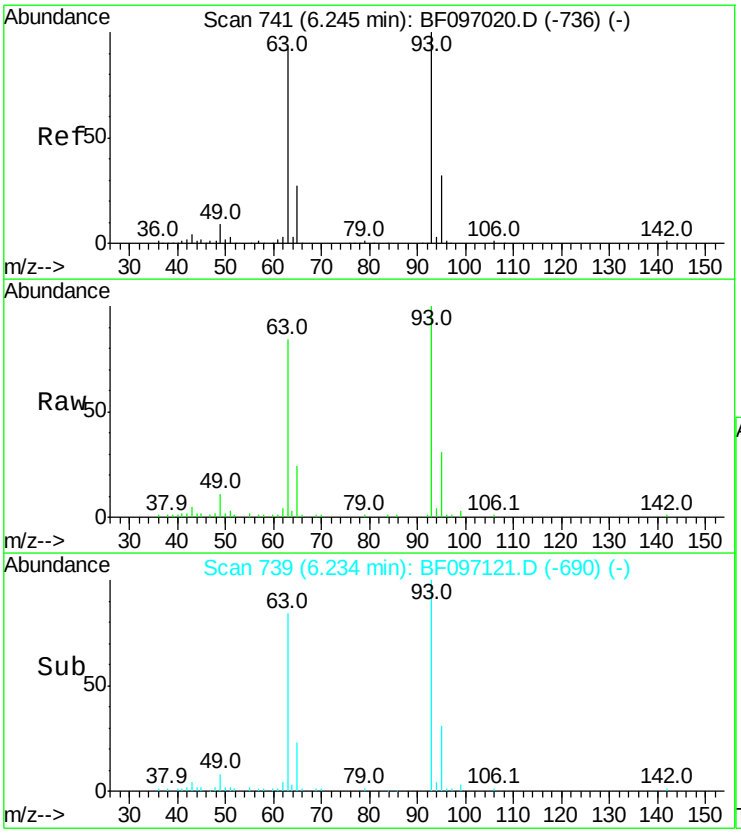
#10
Phenol
Concen: 3.779 ng
RT: 6.16 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 34734

Ion	Ratio	Lower	Upper
94	100		
65	29.9	9.9	49.9
66	41.5	23.1	63.1

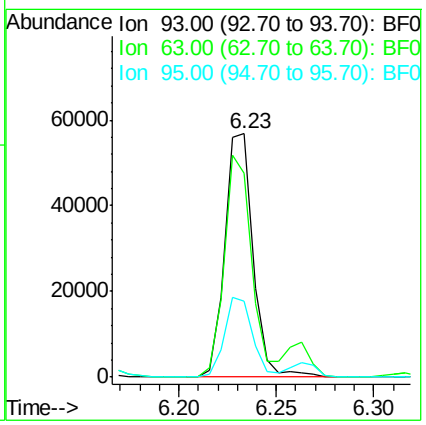


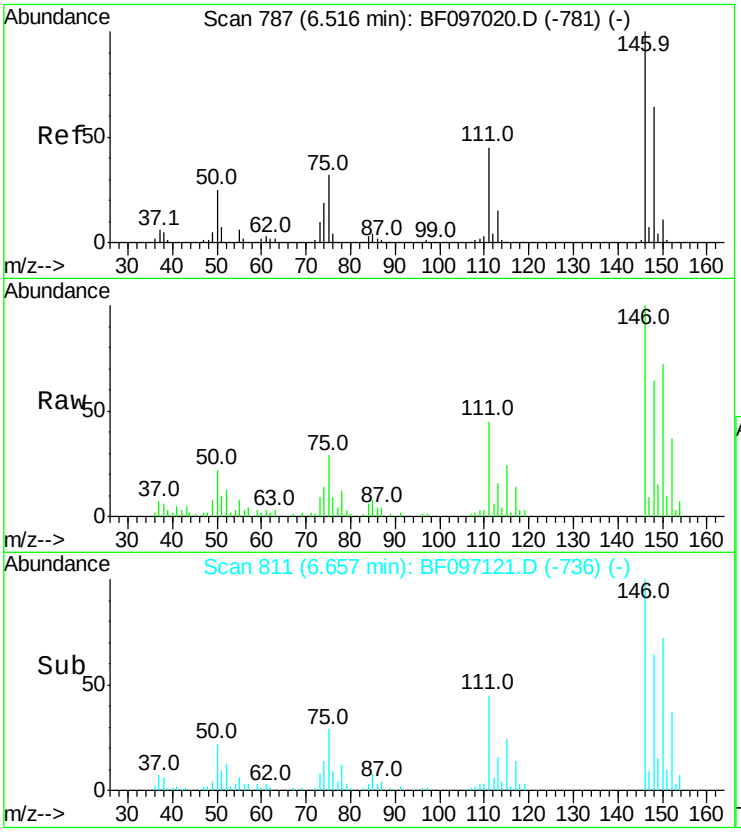


#11
bis(2-Chloroethyl)ether
Concen: 7.850 ng
RT: 6.23 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Tgt Ion: 93 Resp: 57069

Ion	Ratio	Lower	Upper
93	100		
63	83.7	59.2	99.2
95	31.3	12.8	52.8

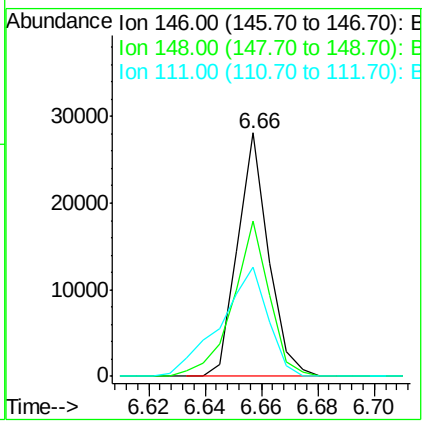




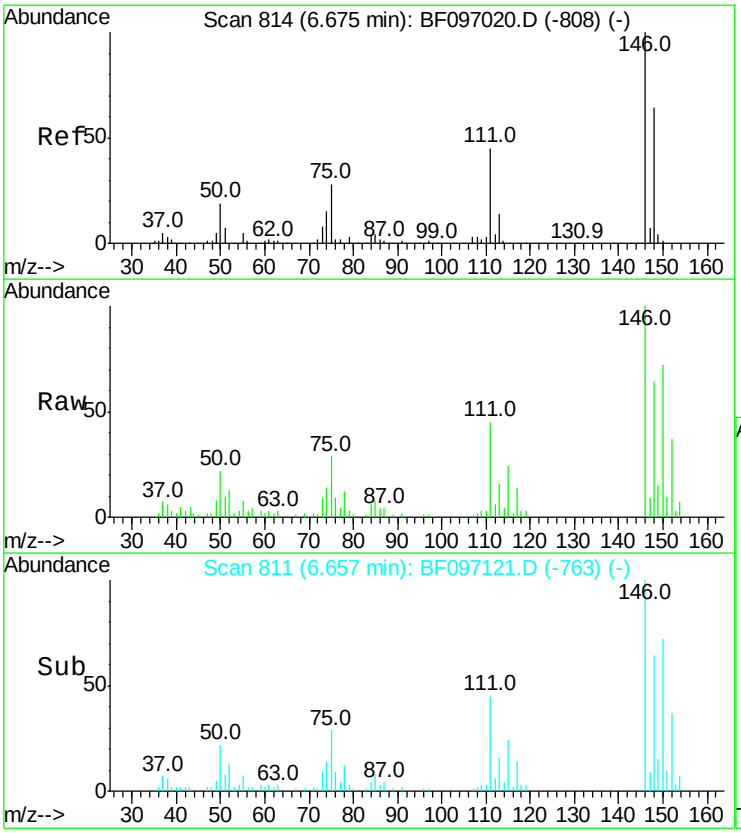
#13
1,4-Dichlorobenzene
Concen: 2.757 ng
RT: 6.66 min Scan# 811
Delta R.T. 0.14 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Tgt Ion:146 Resp: 21372

Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.2	78.2
111	44.8	30.3	45.5



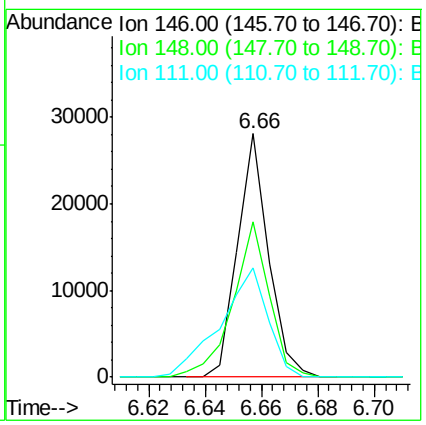
Instrument :
BNA_F
ClientSampleId :

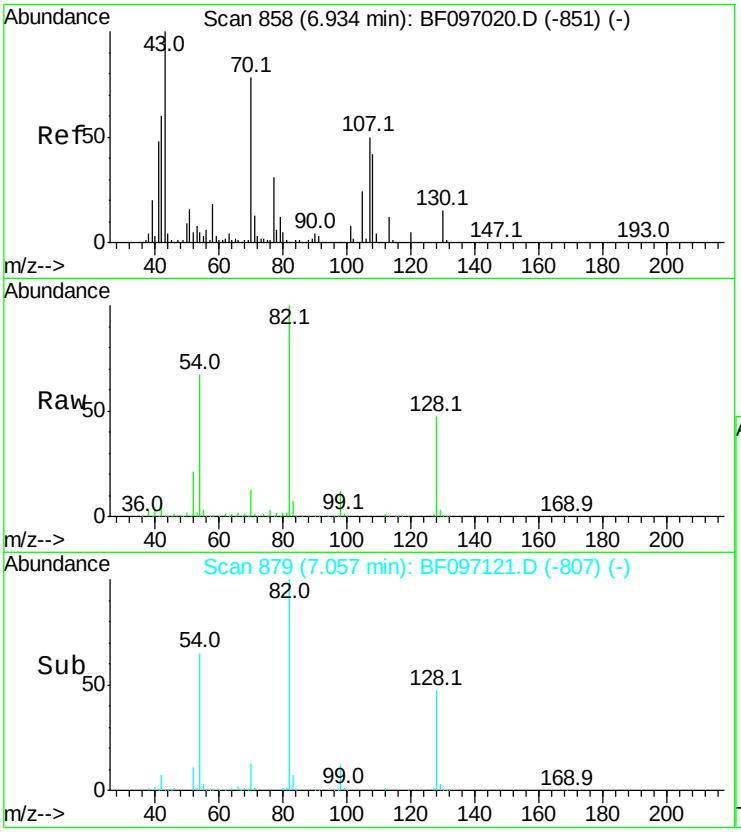


#14
1,2-Dichlorobenzene
Concen: 3.158 ng
RT: 6.66 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Tgt Ion:146 Resp: 21372

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.4	75.6
111	44.8	38.2	57.4



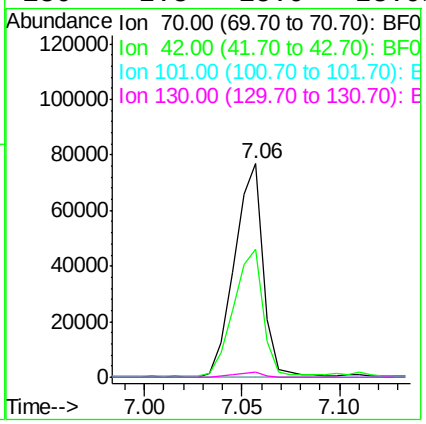


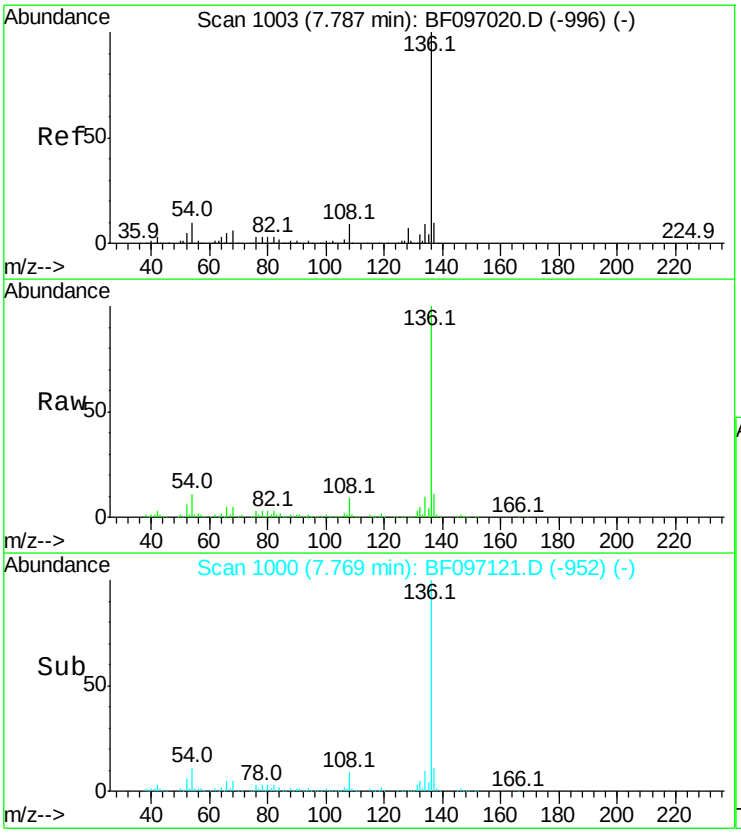
#19
n-Nitroso-di-n-propylamine
Concen: 15.354 ng
RT: 7.06 min Scan# 879
Delta R.T. 0.12 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 78319

Ion	Ratio	Lower	Upper
70	100		
42	60.1	47.2	70.8
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#

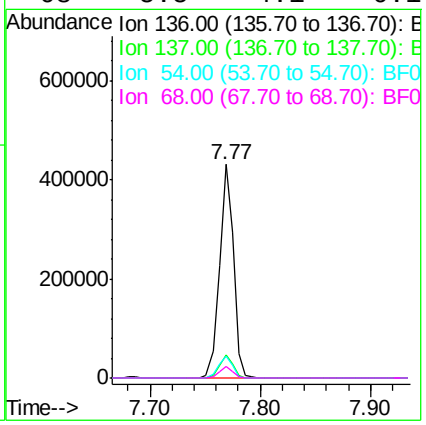


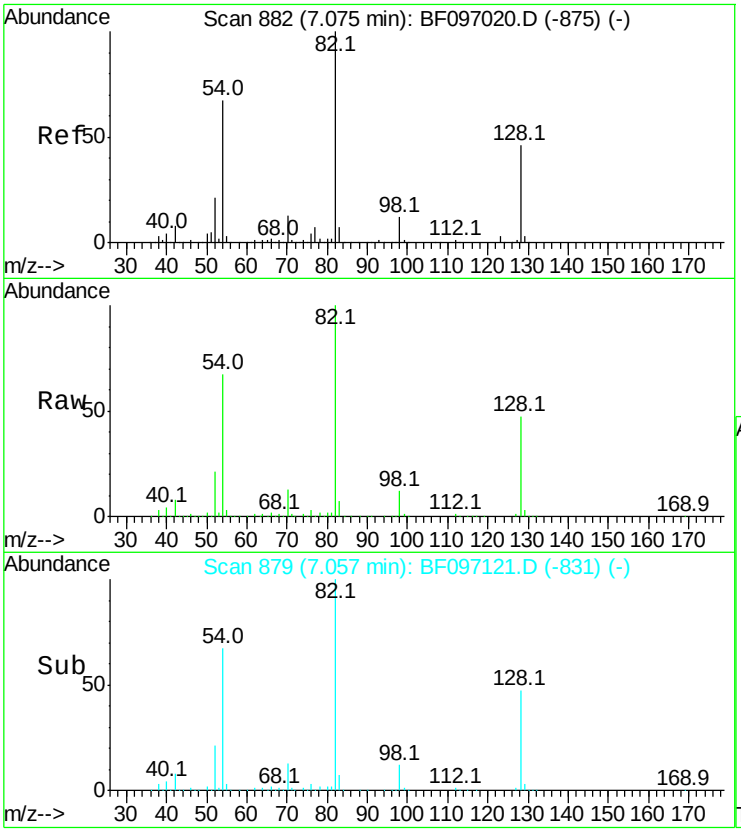


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Tgt Ion:136 Resp: 380812

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.5	4.9	7.3#
68	5.5	4.1	6.1



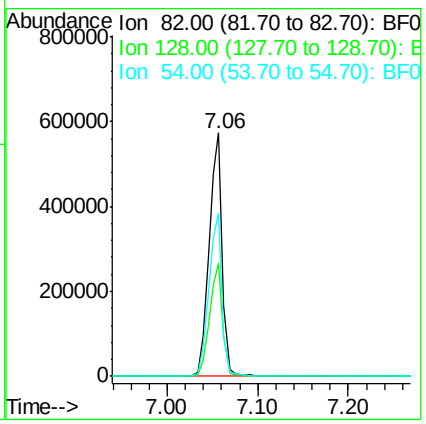


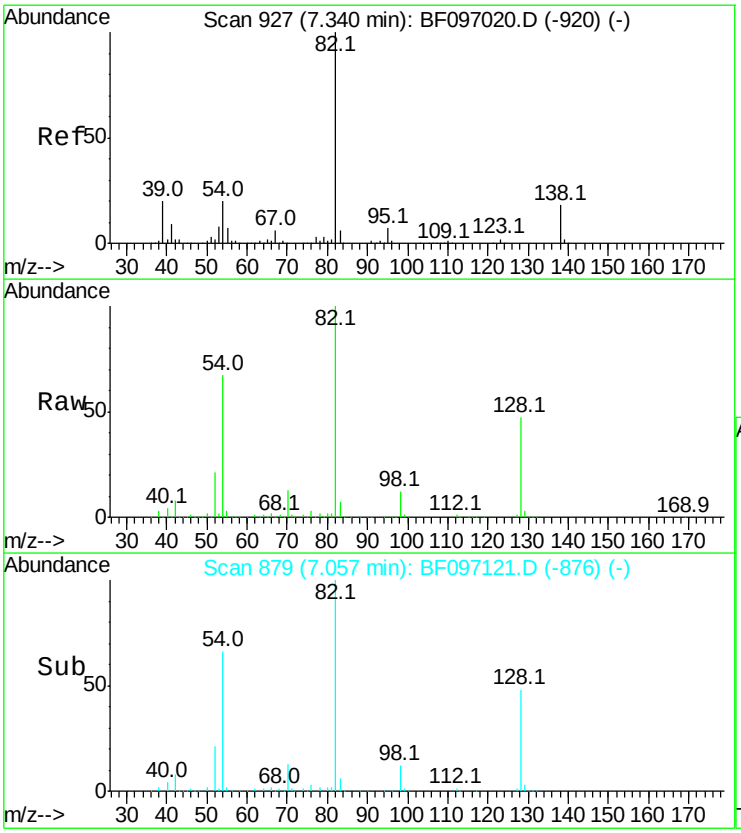
#23
Nitrobenzene-d5
Concen: 89.509 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 581037

Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	67.1	42.2	63.2#

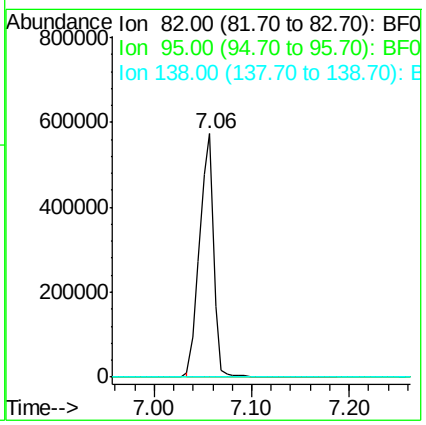


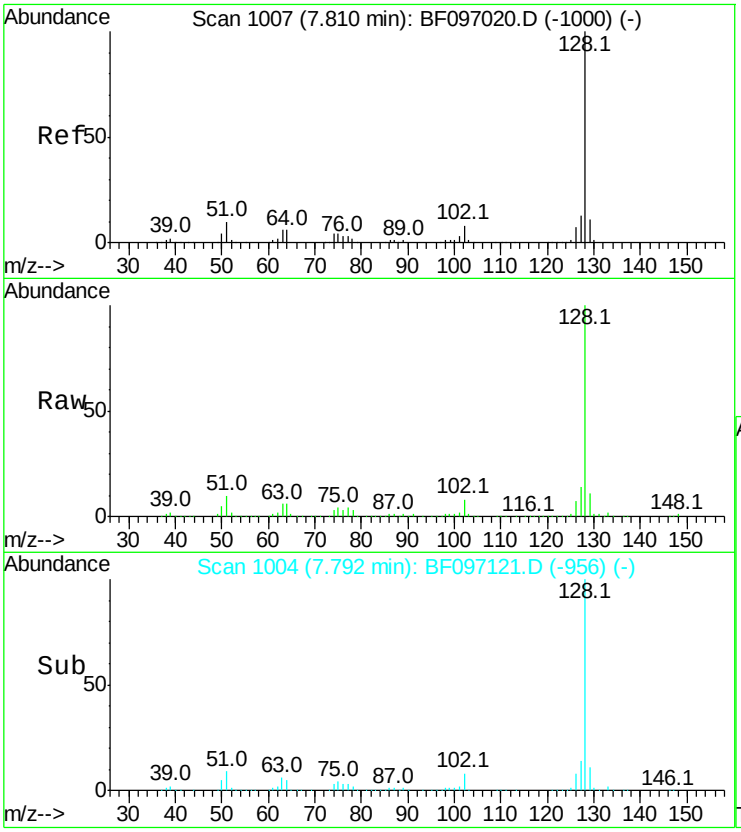


#25
Isophorone
Concen: 45.119 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Tgt Ion: 82 Resp: 573580

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

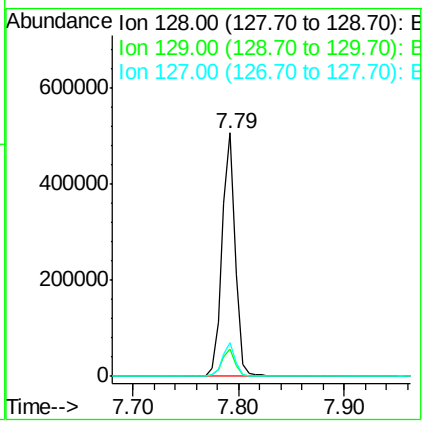




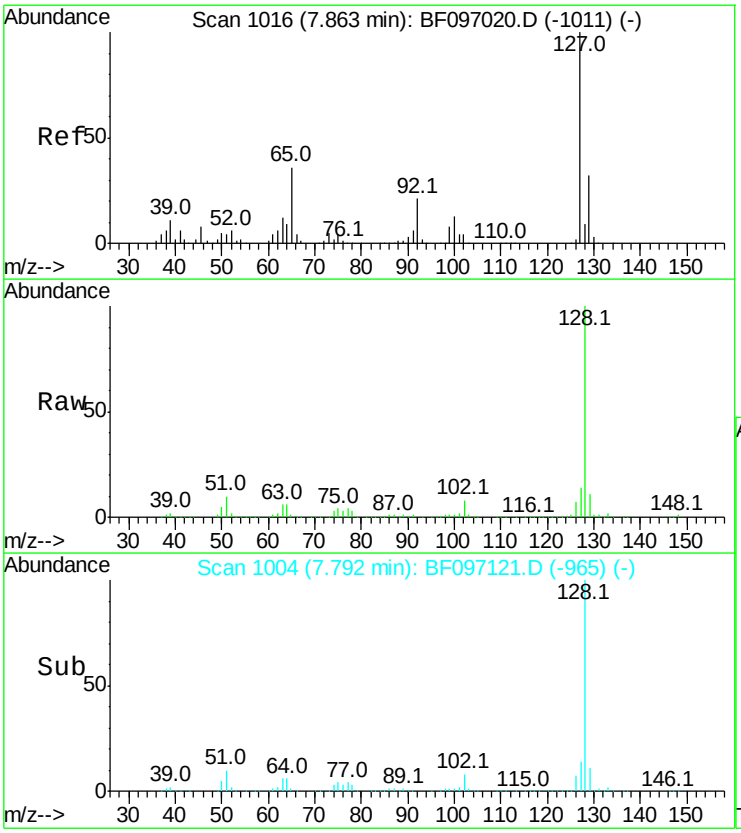
#31
Naphthalene
Concen: 24.787 ng
RT: 7.79 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Tgt Ion:128 Resp: 444954

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.8	10.8	16.2



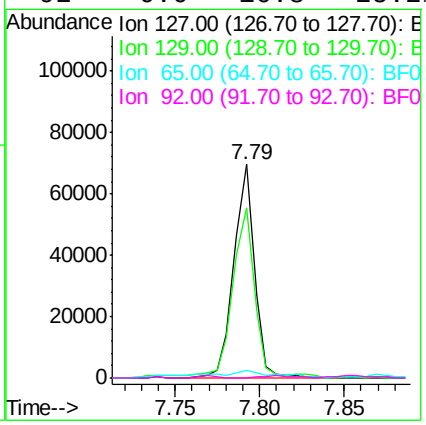
Instrument :
BNA_F
ClientSampleId :

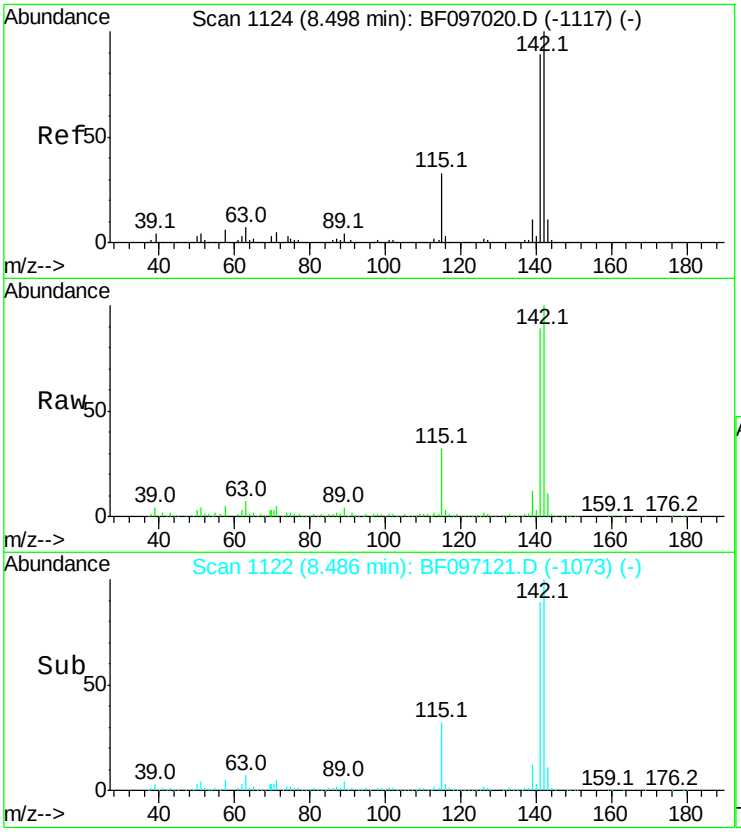


#33
4-Chloroaniline
Concen: 8.086 ng
RT: 7.79 min Scan# 1004
Delta R.T. -0.07 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Tgt Ion:127 Resp: 59062

Ion	Ratio	Lower	Upper
127	100		
129	79.6	26.2	39.2#
65	3.8	27.8	41.8#
92	0.0	16.8	25.2#



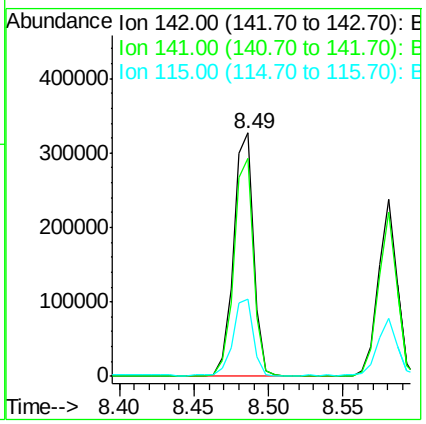


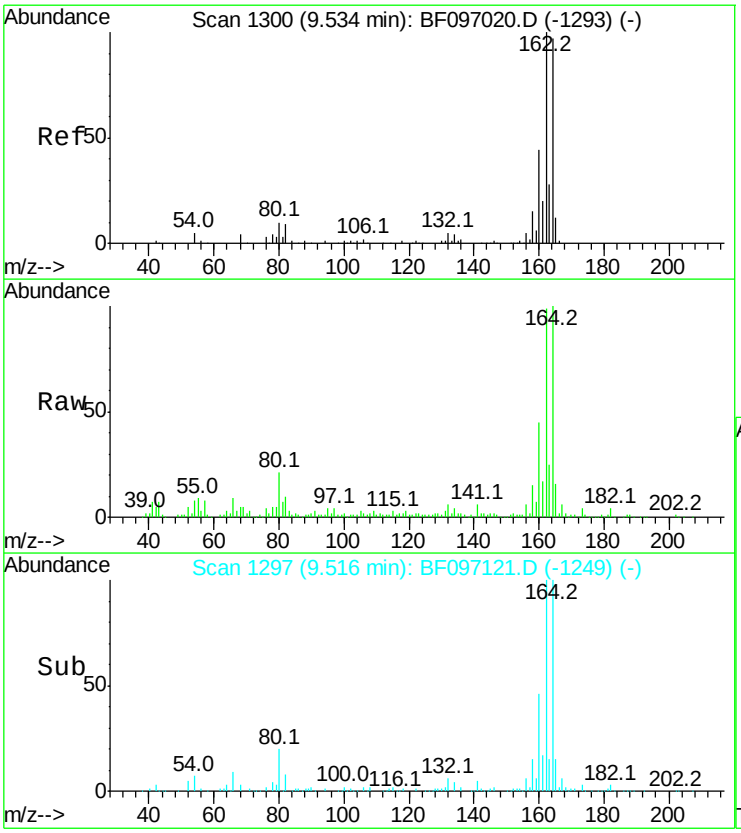
#37
2-Methylnaphthalene
Concen: 27.129 ng
RT: 8.49 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 308337

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.3	106.9
115	31.7	27.1	40.7

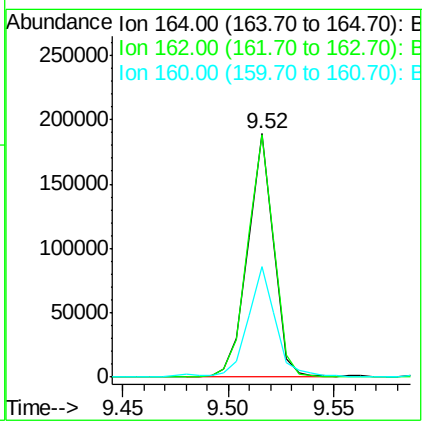


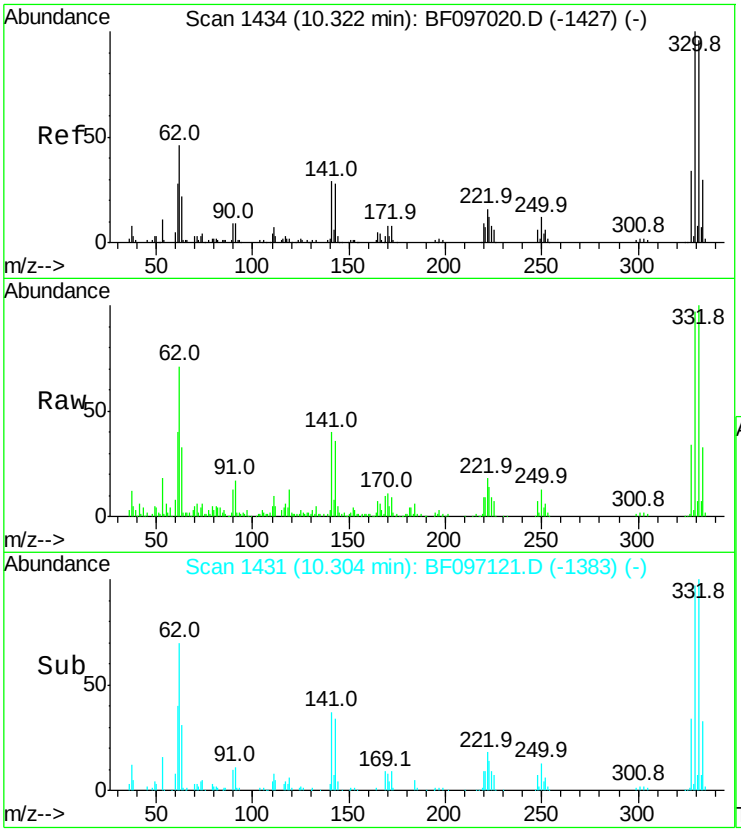


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Tgt Ion:164 Resp: 162745

Ion	Ratio	Lower	Upper
164	100		
162	99.4	82.6	123.8
160	45.5	36.2	54.2



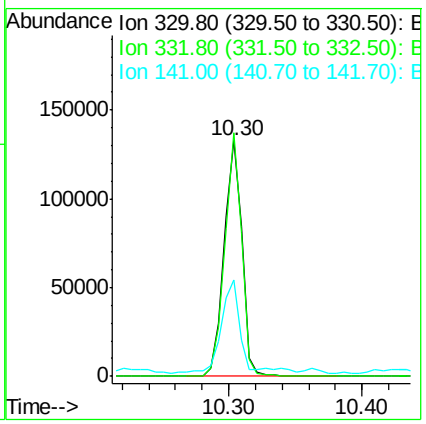


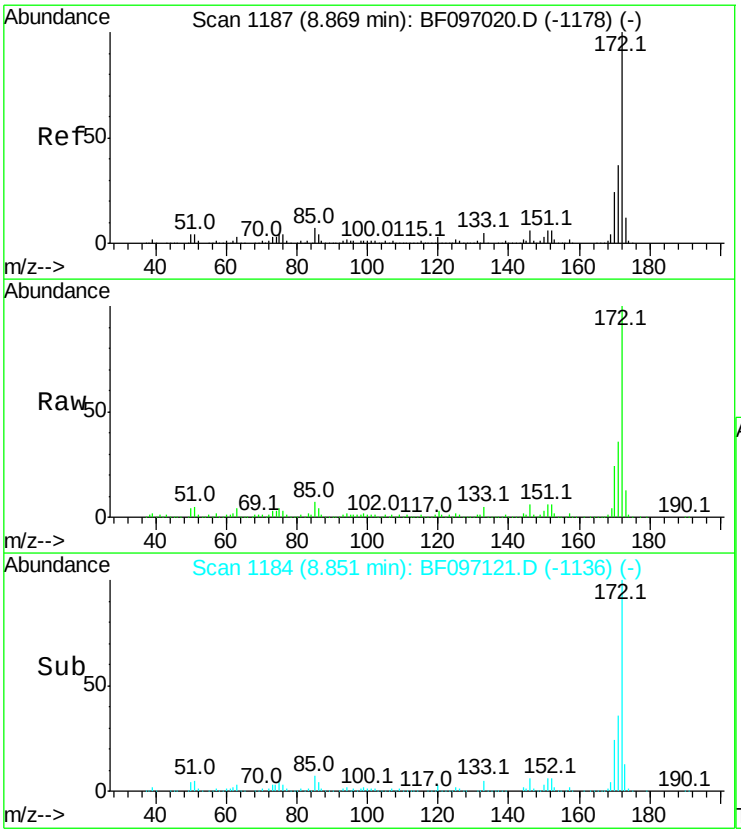
#41
2,4,6-Tribromophenol
Concen: 98.526 ng
RT: 10.30 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 126689

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	39.2	31.4	47.2

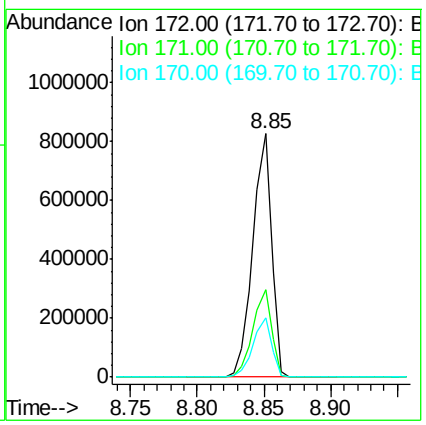


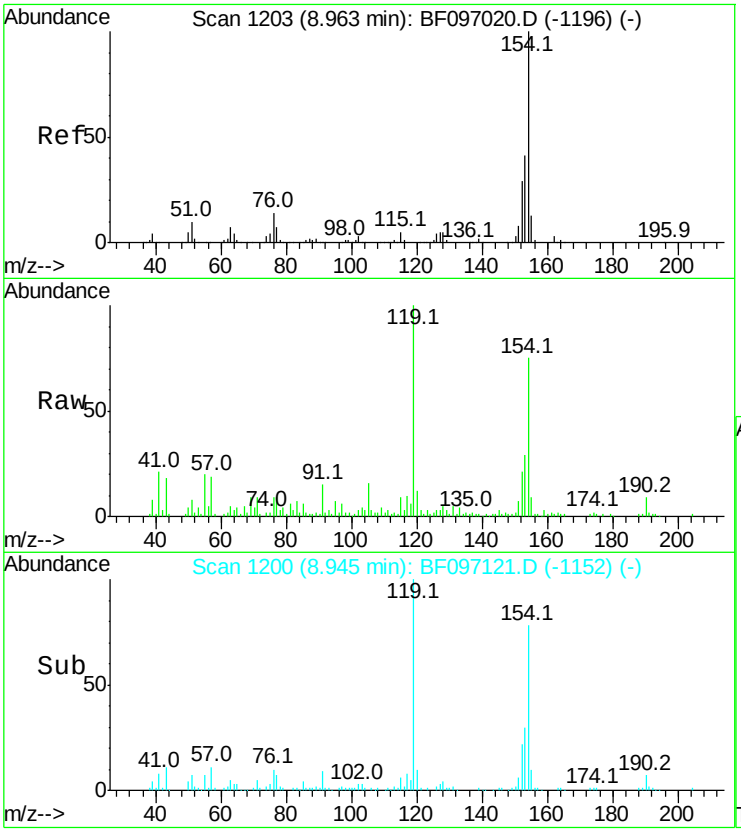


#44
2-Fluorobiphenyl
Concen: 82.937 ng
RT: 8.85 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Tgt Ion:172 Resp: 795333

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.3	19.8	29.8

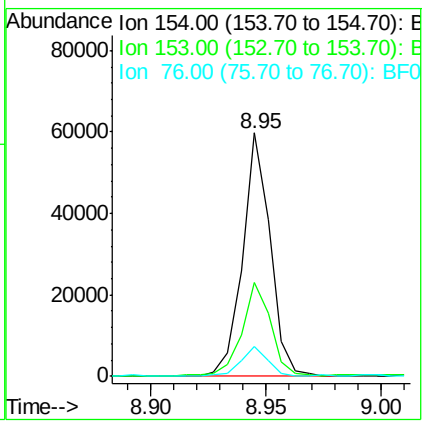




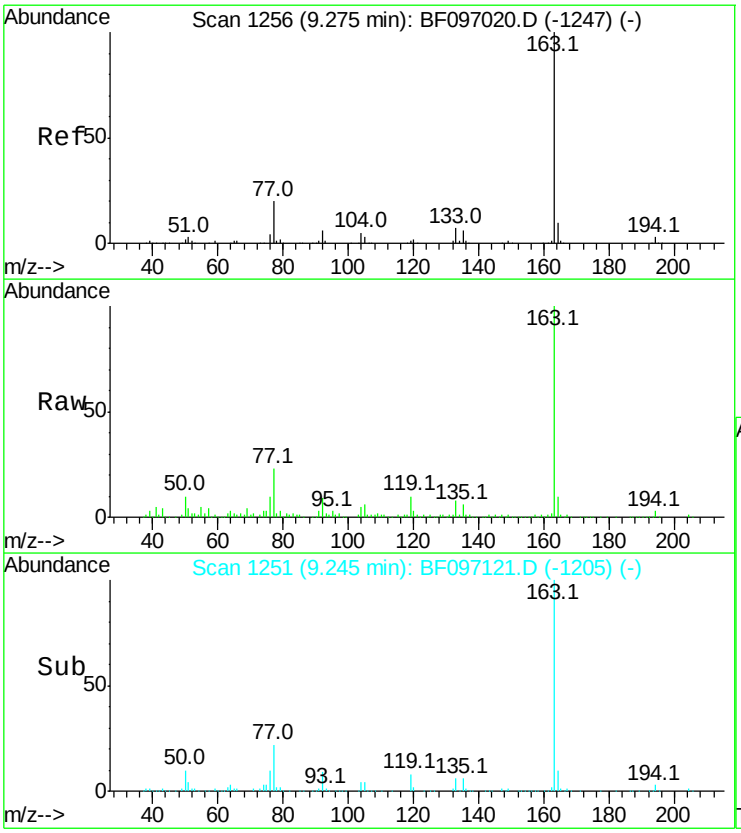
#45
1,1'-Biphenyl
Concen: 3.597 ng
RT: 8.95 min Scan# 1200
Delta R.T. -0.02 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Tgt Ion:154 Resp: 50000

Ion	Ratio	Lower	Upper
154	100		
153	38.5	21.2	61.2
76	12.3	0.0	29.9



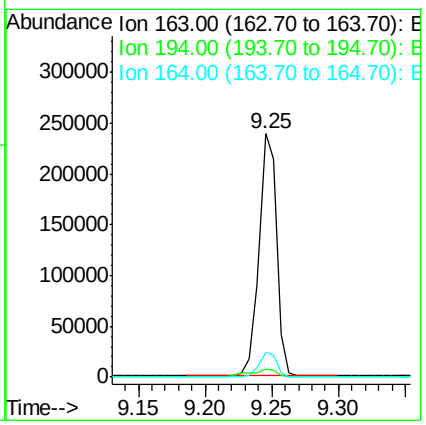
Instrument :
BNA_F
ClientSampleId :

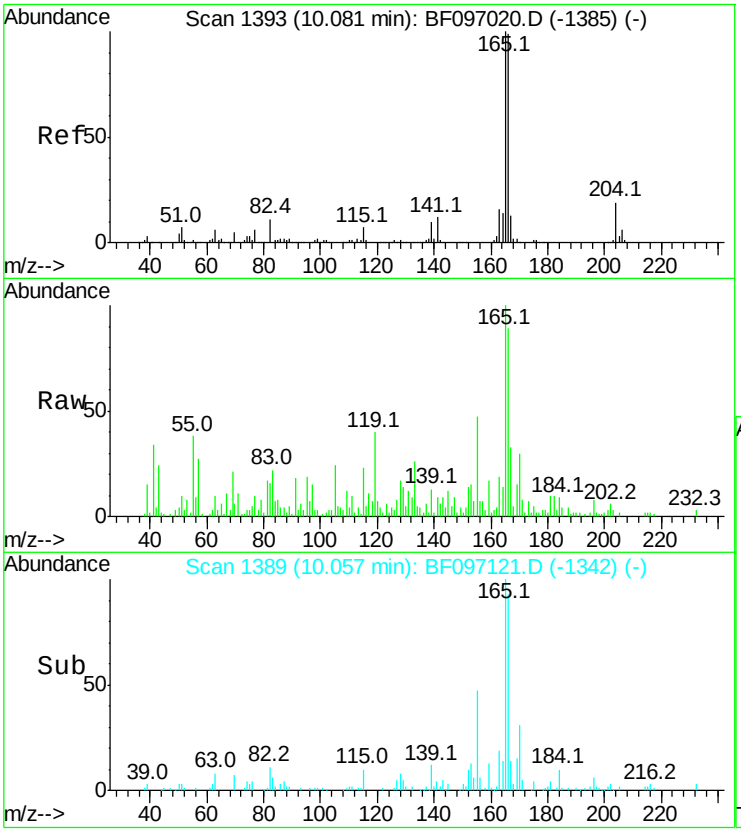


#49
Dimethylphthalate
Concen: 17.352 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Tgt Ion:163 Resp: 214442

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.1	8.4	12.6



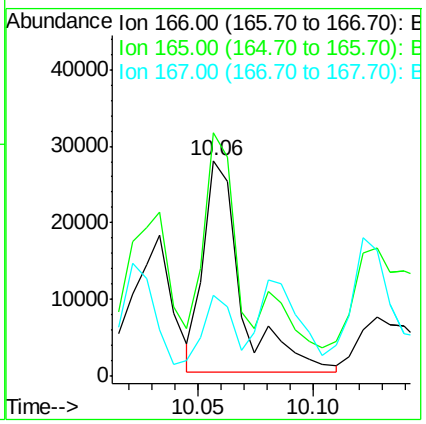


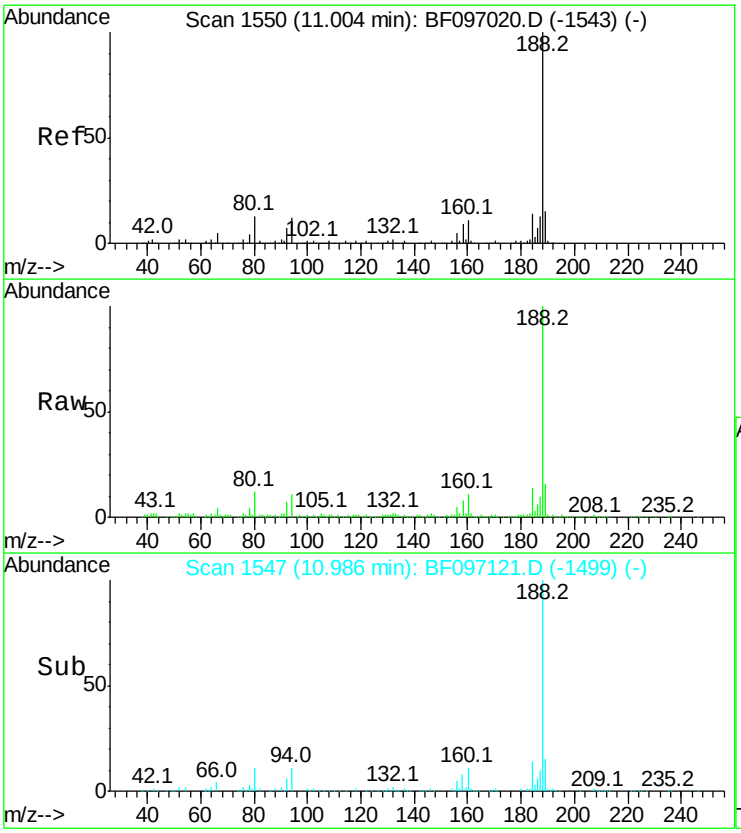
#57
Fluorene
Concen: 3.406 ng
RT: 10.06 min Scan# 1389
Delta R.T. -0.02 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 31533

Ion	Ratio	Lower	Upper
166	100		
165	112.8	78.8	118.2
167	37.5	10.6	16.0#

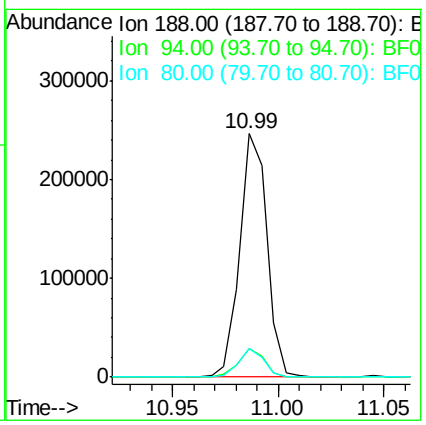


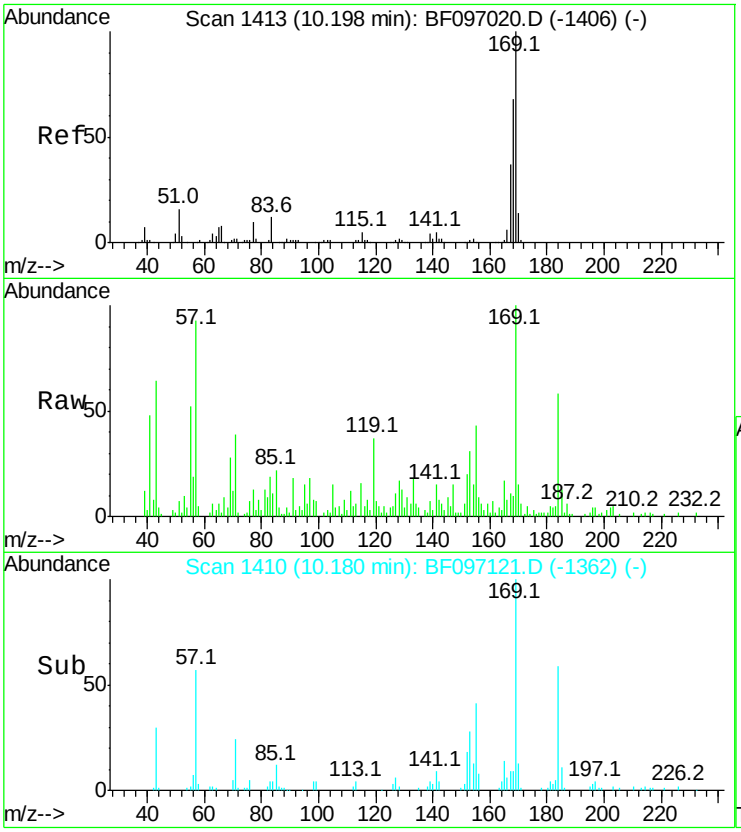


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Tgt Ion:188 Resp: 220254

Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.4	14.2
80	11.6	10.2	15.2



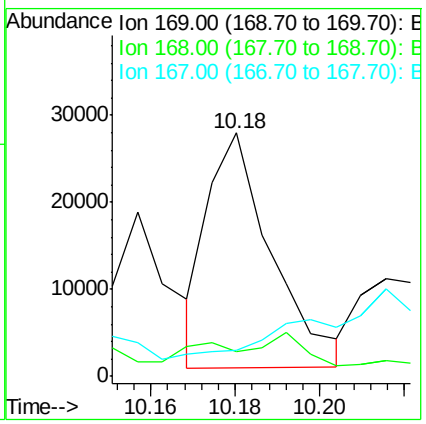


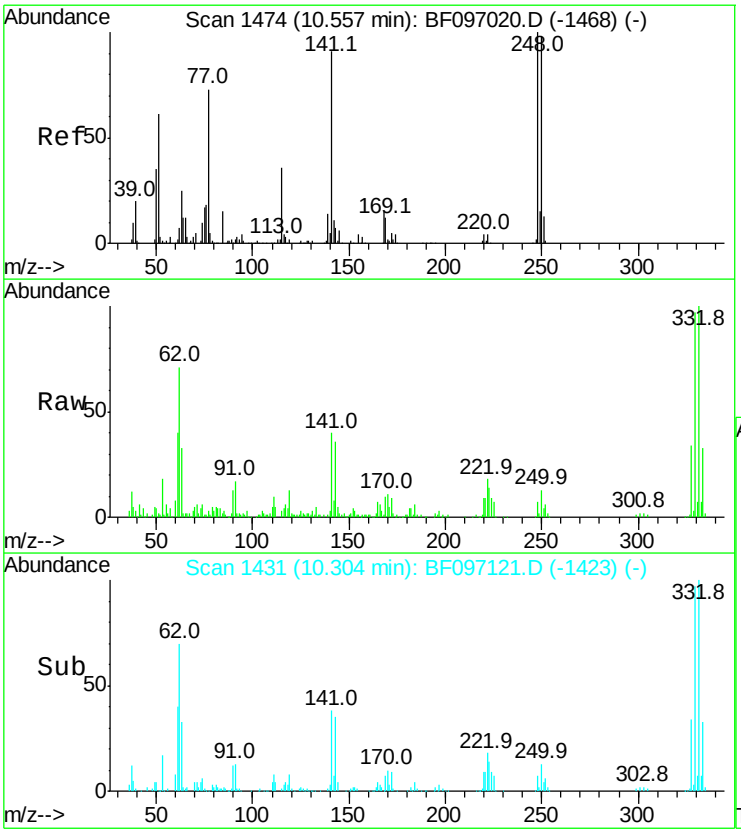
#65
n-Nitrosodiphenylamine
Concen: 3.702 ng
RT: 10.18 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 28371

Ion	Ratio	Lower	Upper
169	100		
168	10.4	53.2	79.8#
167	10.6	29.5	44.3#

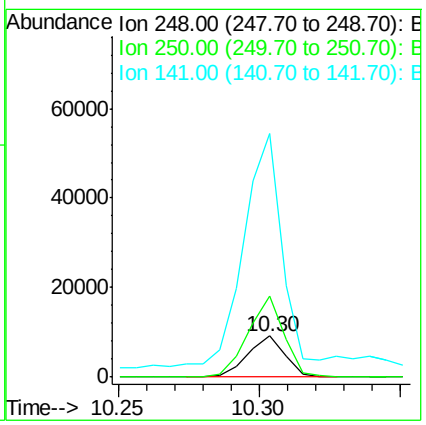


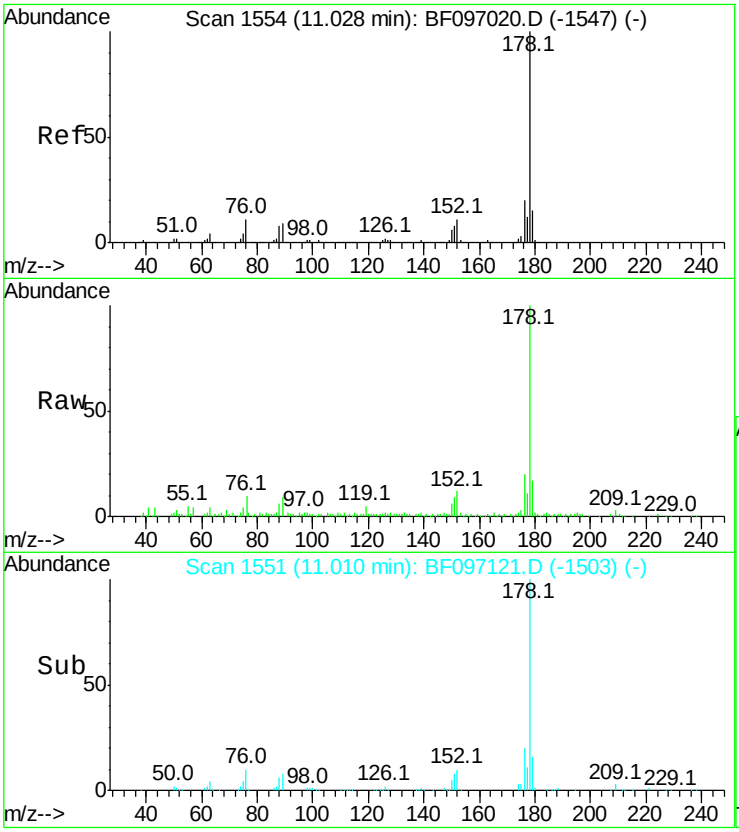


#66
4-Bromophenyl-phenylether
Concen: 3.752 ng
RT: 10.30 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Tgt Ion:248 Resp: 8247

Ion	Ratio	Lower	Upper
248	100		
250	199.1	76.8	115.2#
141	597.3	68.6	103.0#



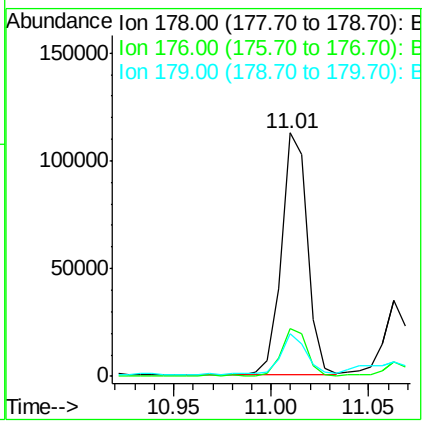


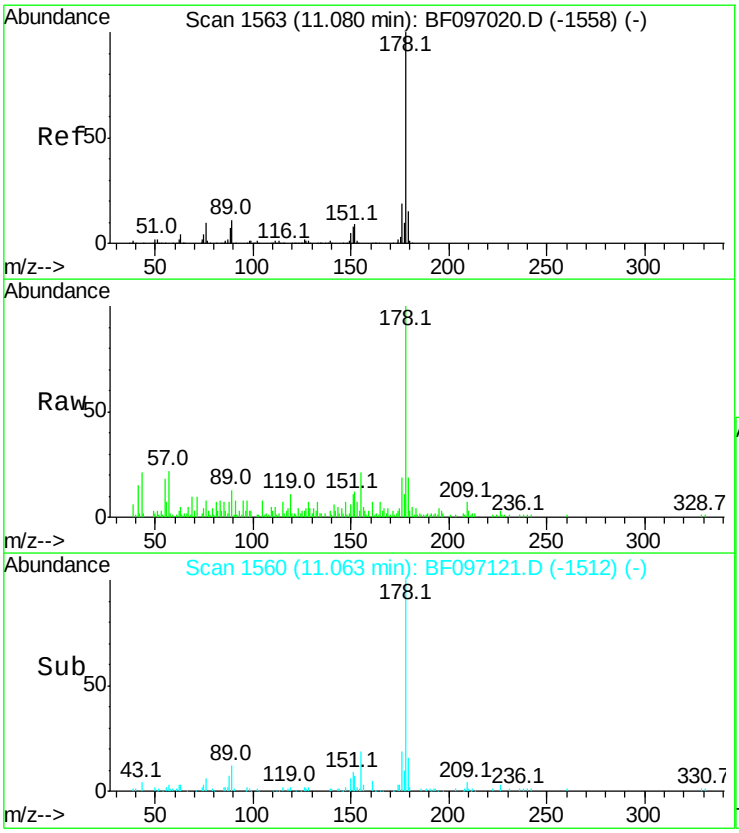
#70
Phenanthrene
Concen: 8.783 ng
RT: 11.01 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 103655

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	17.3	12.6	19.0

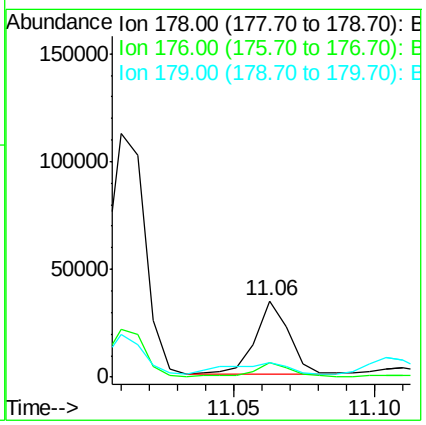


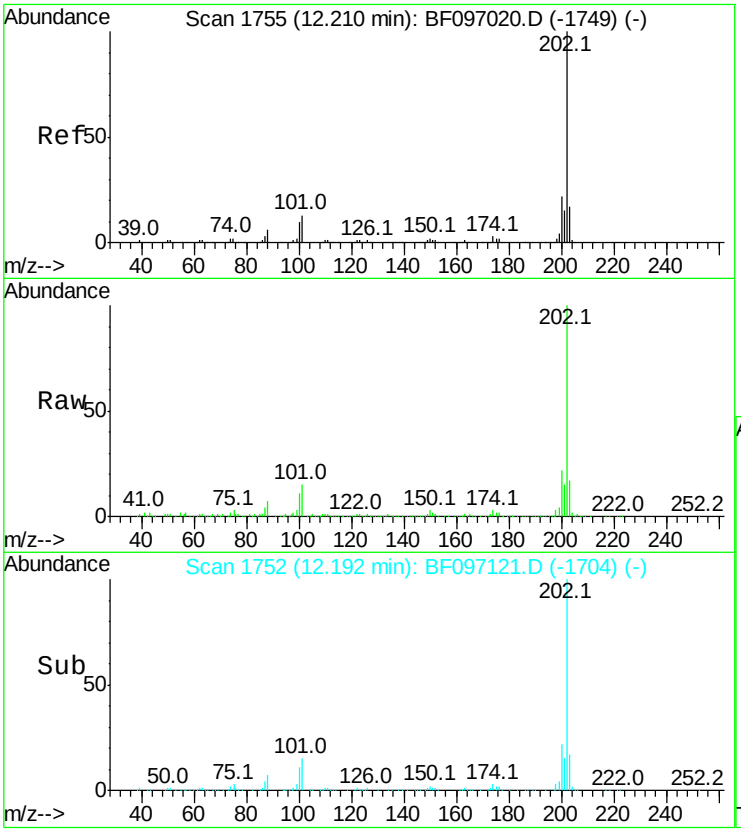


#71
Anthracene
Concen: 2.354 ng
RT: 11.06 min Scan# 1560
Delta R.T. -0.02 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Tgt Ion:178 Resp: 28459

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	19.0	12.7	19.1



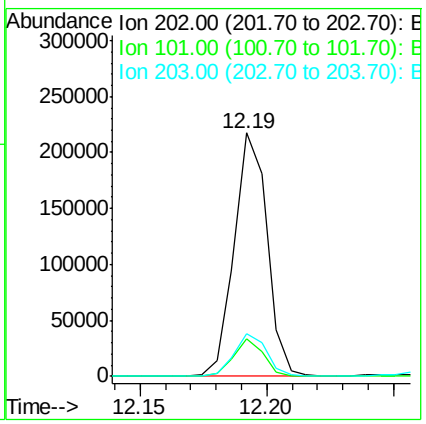


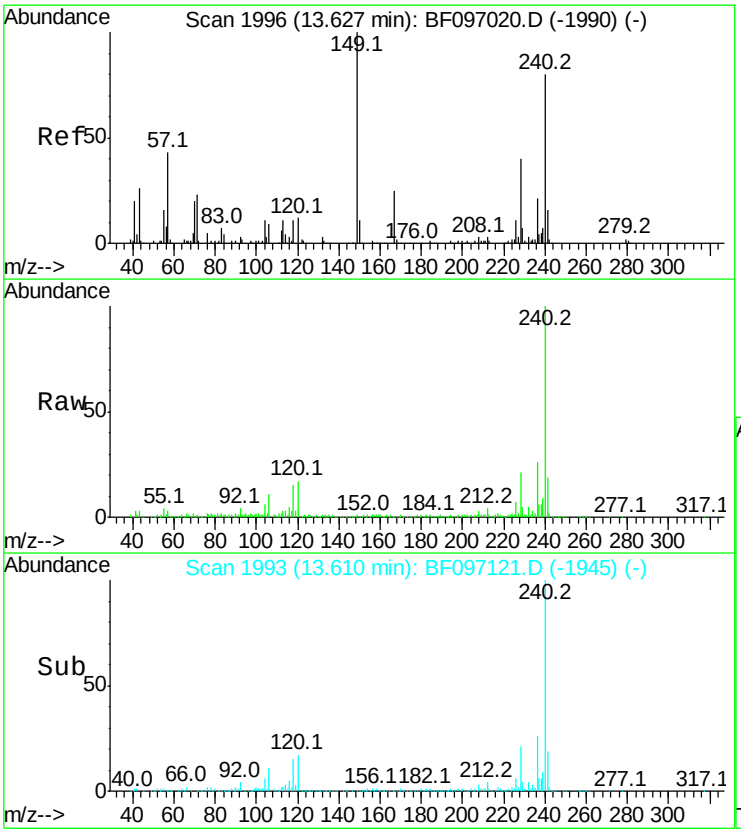
#74
Fluoranthene
Concen: 16.903 ng
RT: 12.19 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 195419

Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	33.2
203	17.4	0.0	38.1

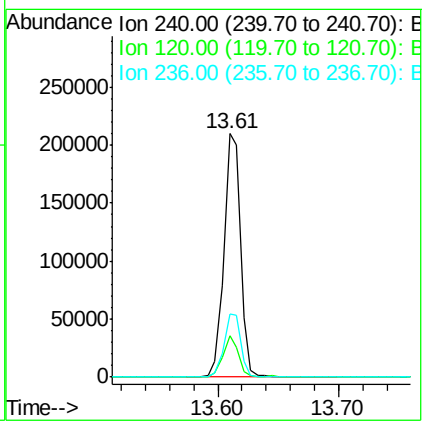


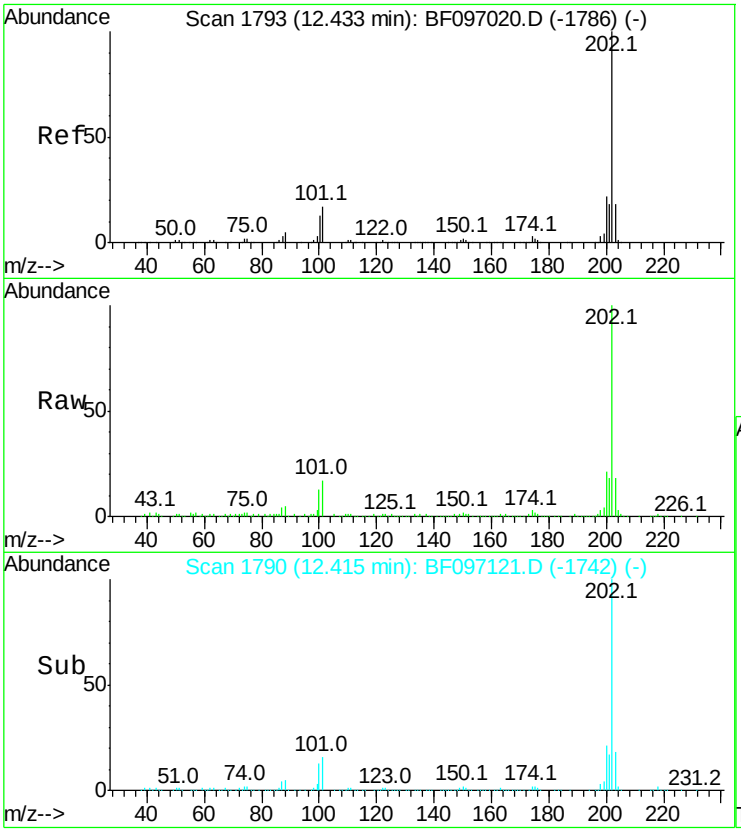


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Tgt Ion:240 Resp: 200861

Ion	Ratio	Lower	Upper
240	100		
120	17.0	5.8	8.8#
236	25.8	20.5	30.7



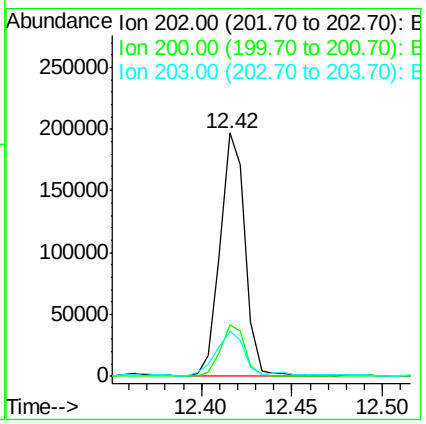


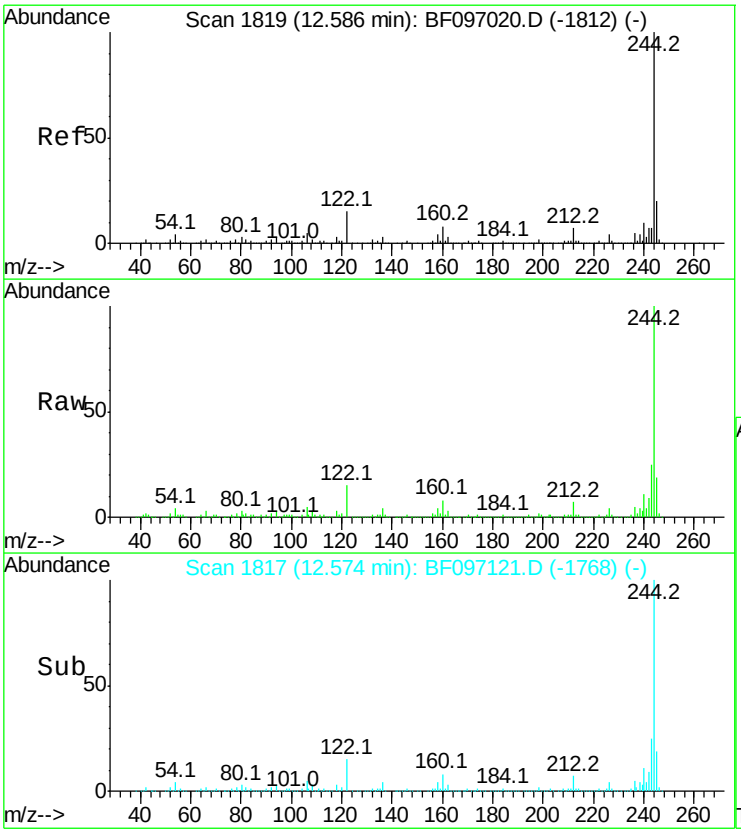
#77
Pyrene
Concen: 11.391 ng
RT: 12.42 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 187311

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	18.4	14.4	21.6

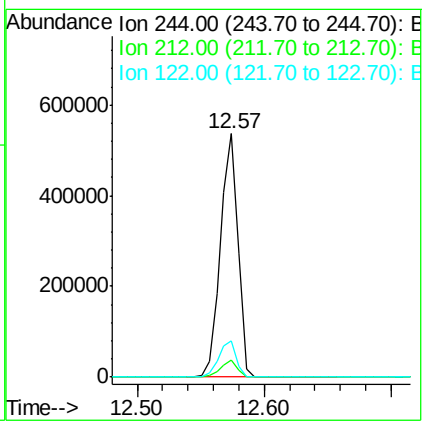


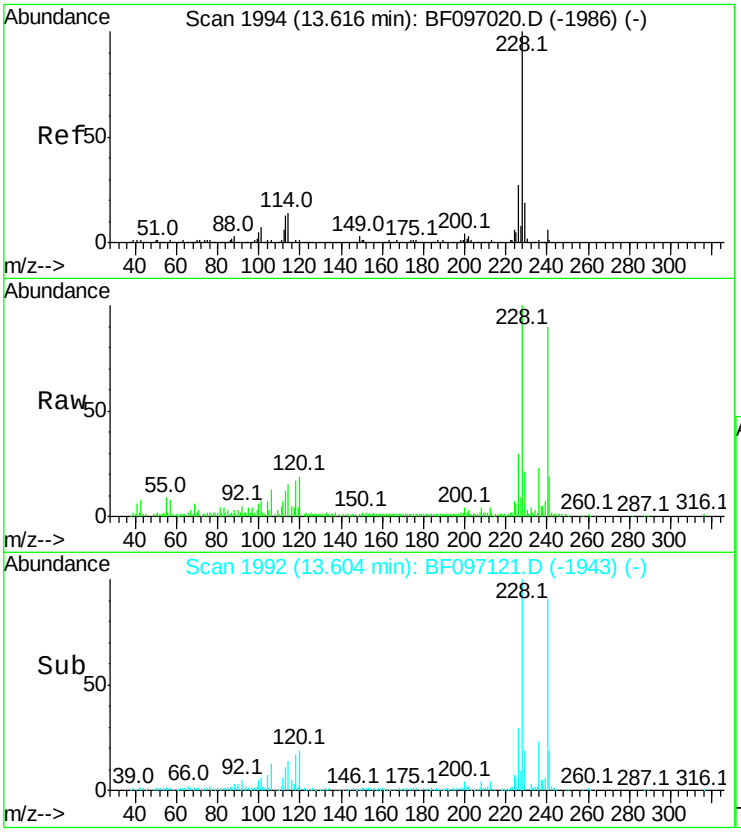


#78
Terphenyl-d14
Concen: 52.351 ng
RT: 12.57 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Tgt Ion:244 Resp: 515742

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.9	10.3	15.5



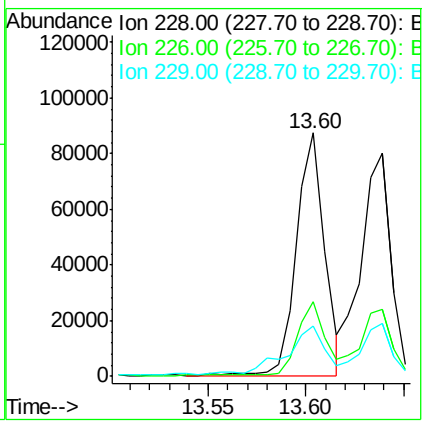


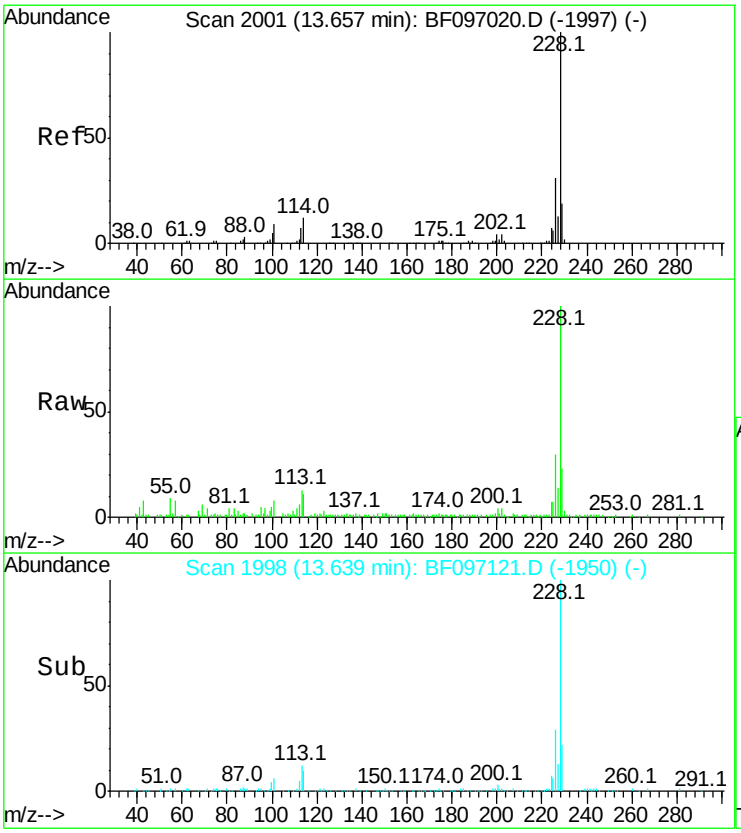
#80
Benzo(a)anthracene
Concen: 6.666 ng
RT: 13.60 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 86635

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	20.8	16.3	24.5

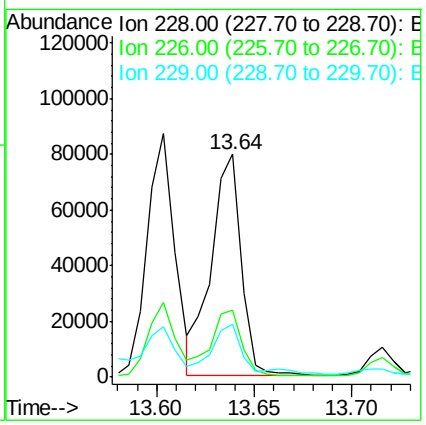


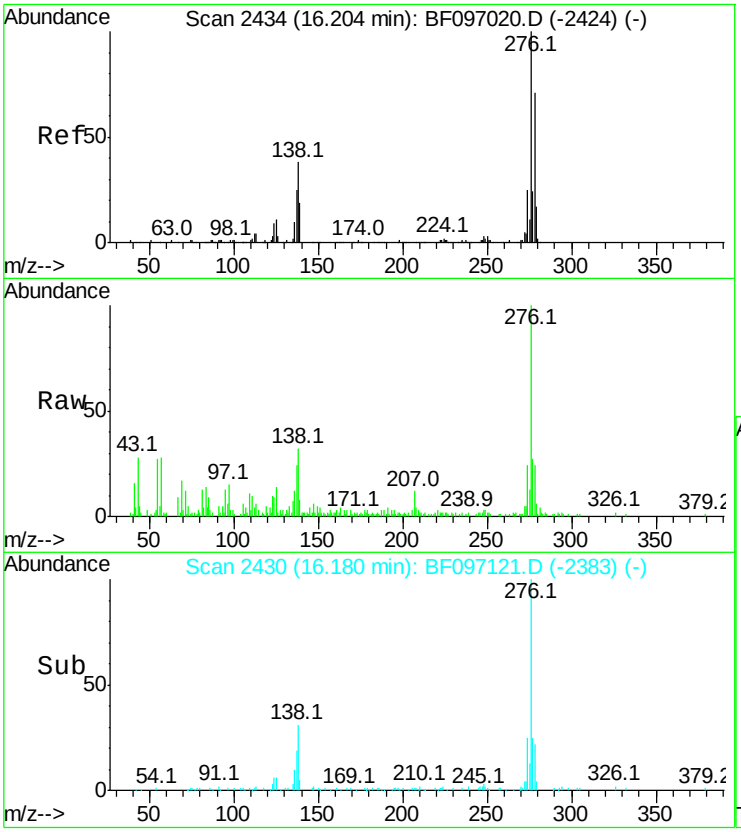


#82
Chrysene
Concen: 6.765 ng
RT: 13.64 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Tgt Ion:228 Resp: 85853

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	23.5	15.8	23.6



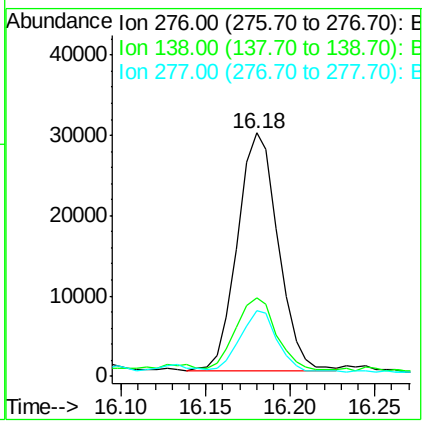


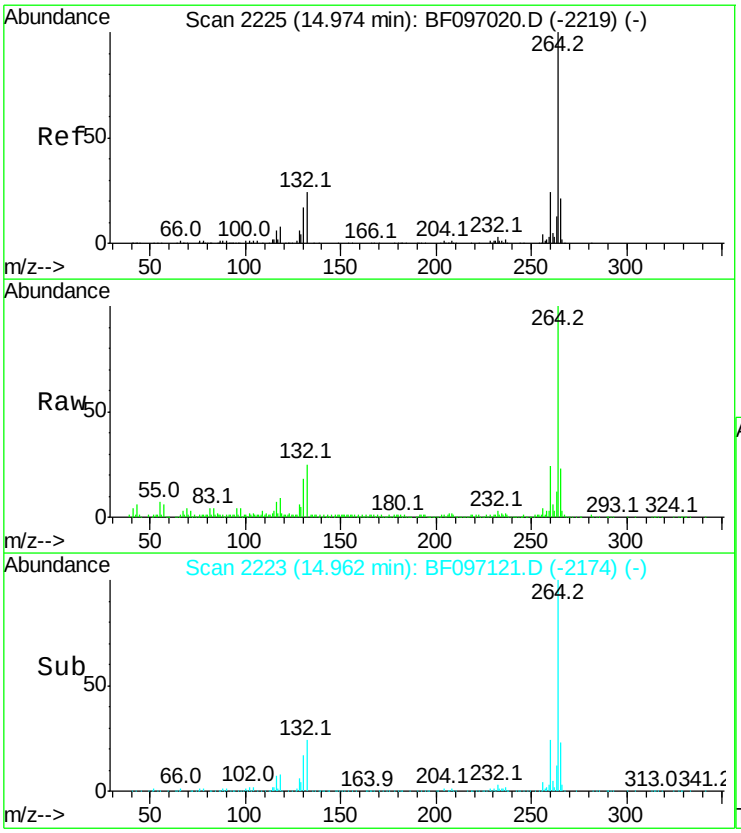
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.567 ng
RT: 16.18 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 49694

Ion	Ratio	Lower	Upper
276	100		
138	30.1	27.8	41.6
277	24.0	20.2	30.4

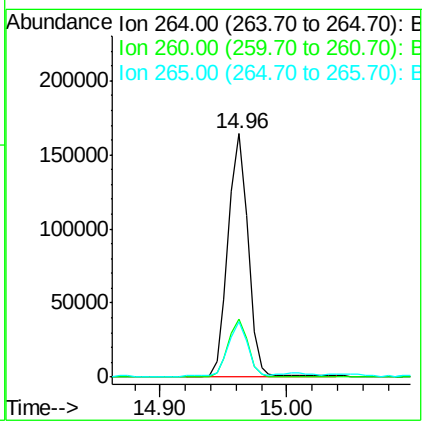


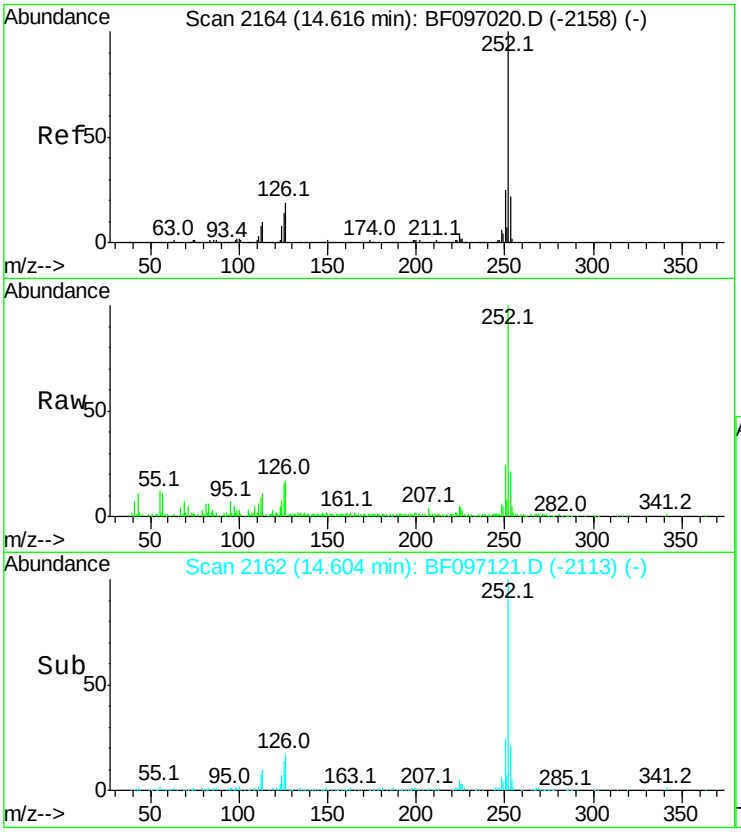


#86
Perylene-d12
Concen: 20.000 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Tgt Ion:264 Resp: 181012

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.8	17.2	25.8



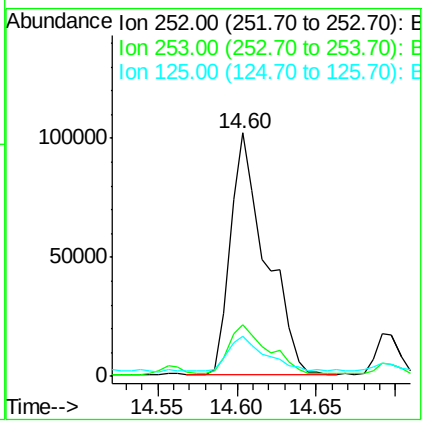


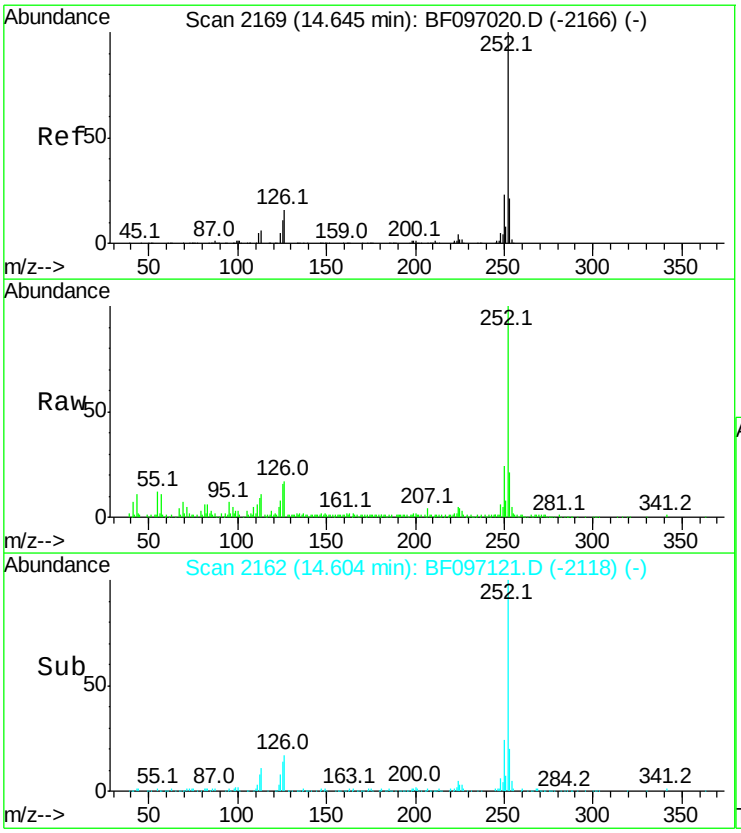
#87
Benzo(b)fluoranthene
Concen: 14.428 ng
RT: 14.60 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 156993

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.1	27.1
125	16.2	9.8	14.8#

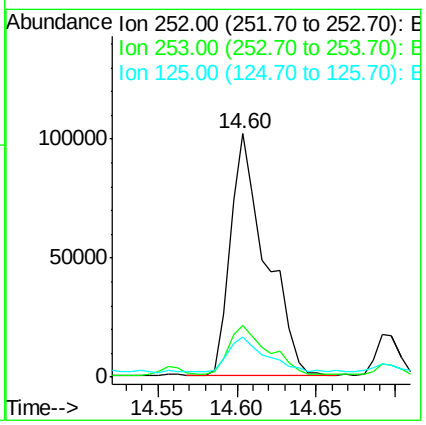


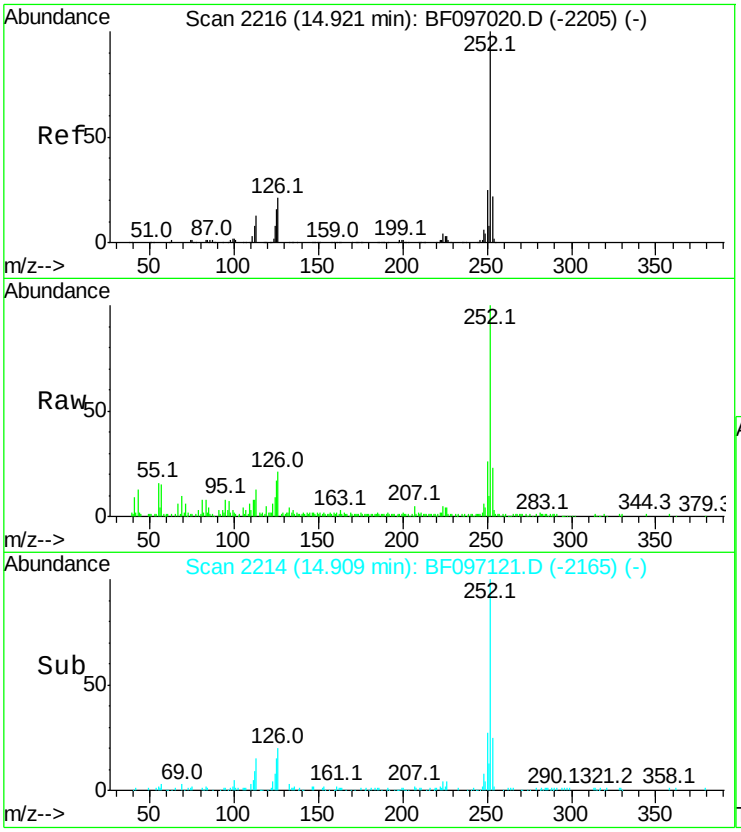


#88
Benzo(k)fluoranthene
Concen: 15.141 ng
RT: 14.60 min Scan# 2162
Delta R.T. -0.04 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Tgt Ion:252 Resp: 156993

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.4	27.6
125	16.2	13.1	19.7



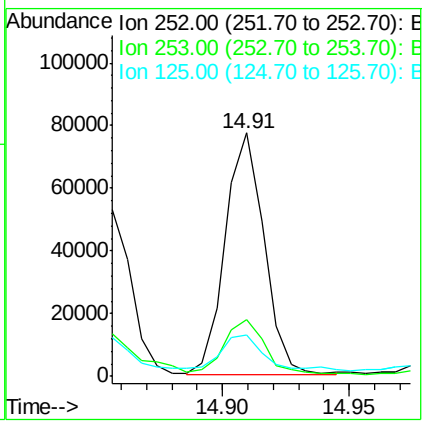


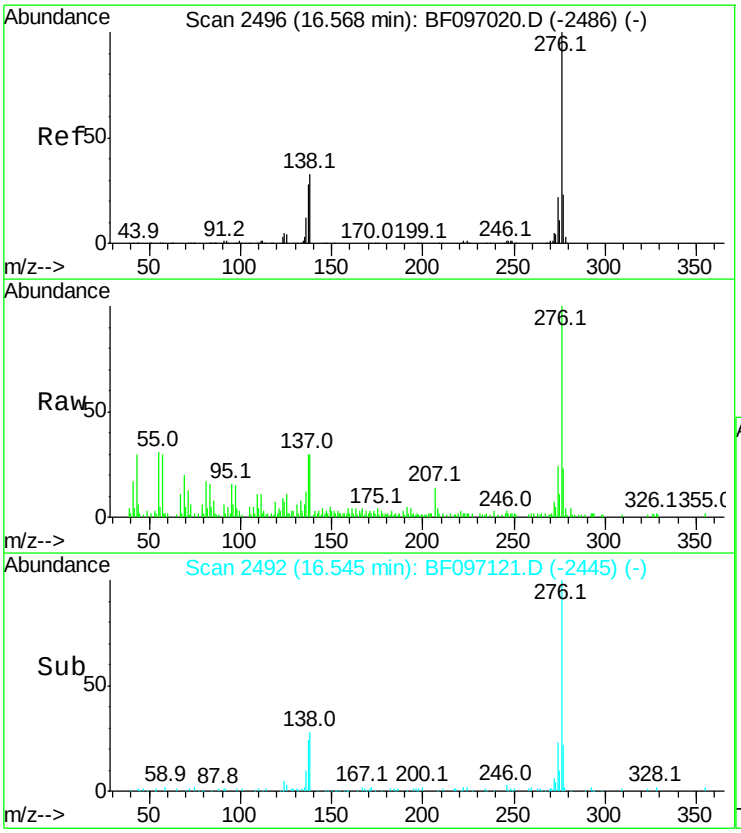
#89
Benzo(a)pyrene
Concen: 8.294 ng
RT: 14.91 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 82598

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	17.0	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 6.112 ng
RT: 16.54 min Scan# 2492
Delta R.T. -0.02 min
Lab File: BF097121.D
Acq: 27 Jul 2017 14:38

Tgt Ion:276 Resp: 52347

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	29.6	25.4	38.0