Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
Data File : BF097222.D
Acq On : 31 Jul 2017 21:51
Operator : SJ/JU
Sample : I4471-24
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-L7-BASE

Quant Time: Aug 01 03:22:46 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	6.48	152	141894	20.00	ng		-0.02
21) Naphthalene-d8	7.76	136	572415	20.00	ng		-0.02
38) Acenaphthene-d10	9.51	164	221508	20.00	ng		-0.02
63) Phenanthrene-d10	10.99	188	284932	20.00	ng		-0.02
75) Chrysene-d12	13.62	240	219609	20.00	ng		0.00
86) Perylene-d12	14.97	264	160534	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	812802	86.35	ng		0.00
7) Phenol-d6	6.16	99	1070267	99.60	ng		0.00
23) Nitrobenzene-d5	7.05	82	638998	65.49	ng		-0.02
41) 2,4,6-Tribromophenol	10.30	330	132124	75.49	ng		-0.02
44) 2-Fluorobiphenyl	8.85	172	917944	70.33	ng		-0.02
78) Terphenyl-d14	12.57	244	514019	47.72	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.17	94	64682	5.07	ng		92
11) bis(2-Chloroethyl)ether	6.22	93	28134	2.79	ng		95
13) 1,4-Dichlorobenzene	6.50	146	33562	3.12	ng		95
14) 1,2-Dichlorobenzene	6.65	146	44836	4.78	ng		97
19) n-Nitroso-di-n-propylamine	7.05	70	90992	12.86	ng	#	87
25) Isophorone	7.05	82	630749	33.01	ng	#	67
31) Naphthalene	7.79	128	146479	5.43	ng		99
37) 2-Methylnaphthalene	8.47	142	161343	9.44	ng		97
49) Dimethylphthalate	9.25	163	266478	15.84	ng		99
51) Acenaphthene	9.54	154	57077	4.53	ng		99
54) Dibenzofuran	9.72	168	36806	2.20	ng	#	82
57) Fluorene	10.06	166	46441	3.69	ng	#	96
65) n-Nitrosodiphenylamine	10.17	169	21241	2.14	ng	#	48
66) 4-Bromophenyl-phenylether	10.30	248	8429	2.96	ng	#	1
70) Phenanthrene	11.02	178	432808	28.35	ng		99
71) Anthracene	11.06	178	139092	8.90	ng		96
74) Fluoranthene	12.20	202	588895	39.37	ng		99
77) Pyrene	12.42	202	585541	32.57	ng		99
80) Benzo(a)anthracene	13.61	228	269857	18.99	ng		96
82) Chrysene	13.64	228	243100	17.52	ng		96
85) Indeno(1,2,3-cd)pyrene	16.20	276	99167	8.33	ng		95
87) Benzo(b)fluoranthene	14.62	252	349934	36.26	ng	#	96
88) Benzo(k)fluoranthene	14.62	252	349934	38.05	ng		100
89) Benzo(a)pyrene	14.92	252	196603	22.26	ng		97
90) Dibenzo(a,h)anthracene	16.20	278	23335	3.22	ng	#	82
91) Benzo(g,h,i)perylene	16.56	276	95852	12.62	ng		99

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

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Acq On : 31 Jul 2017 21:51
Operator : SJ/JU
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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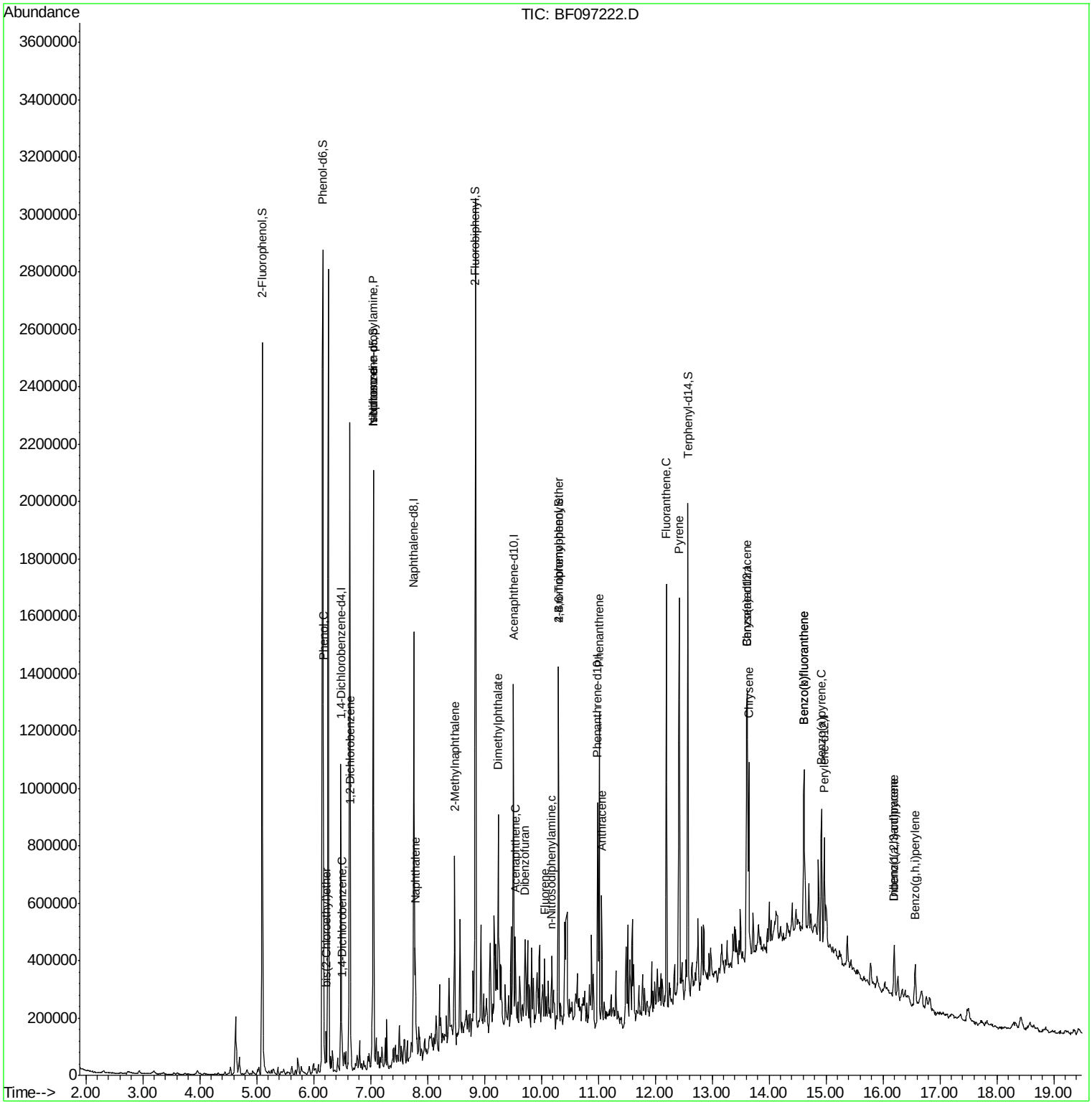
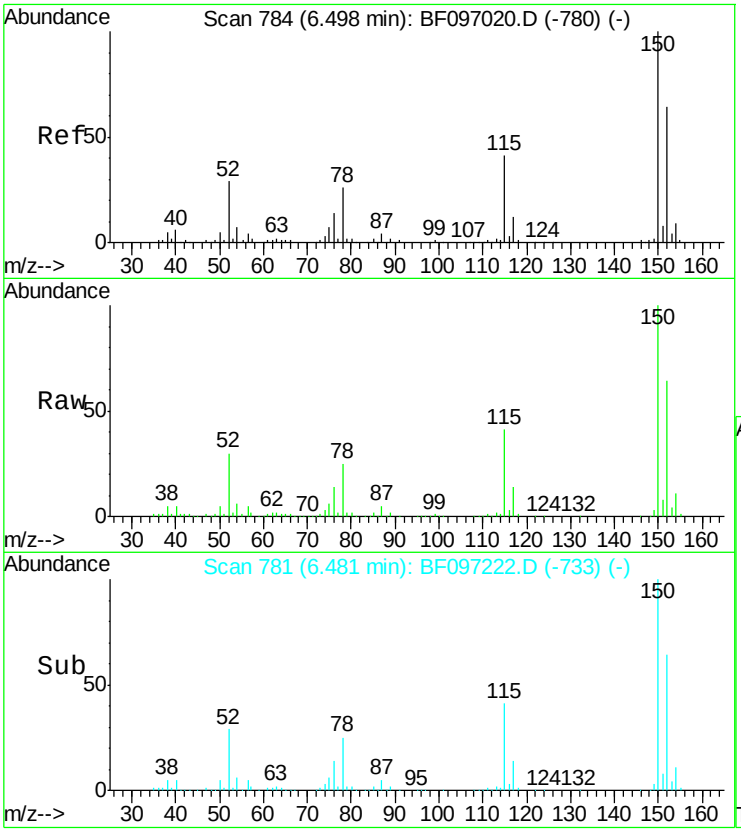


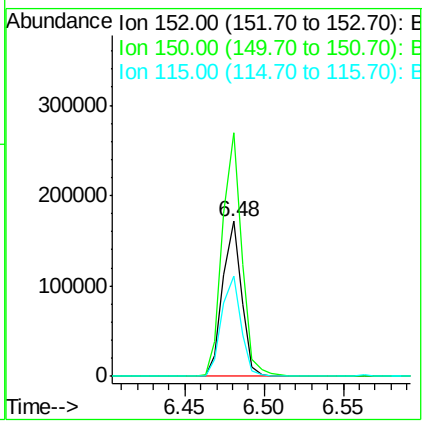


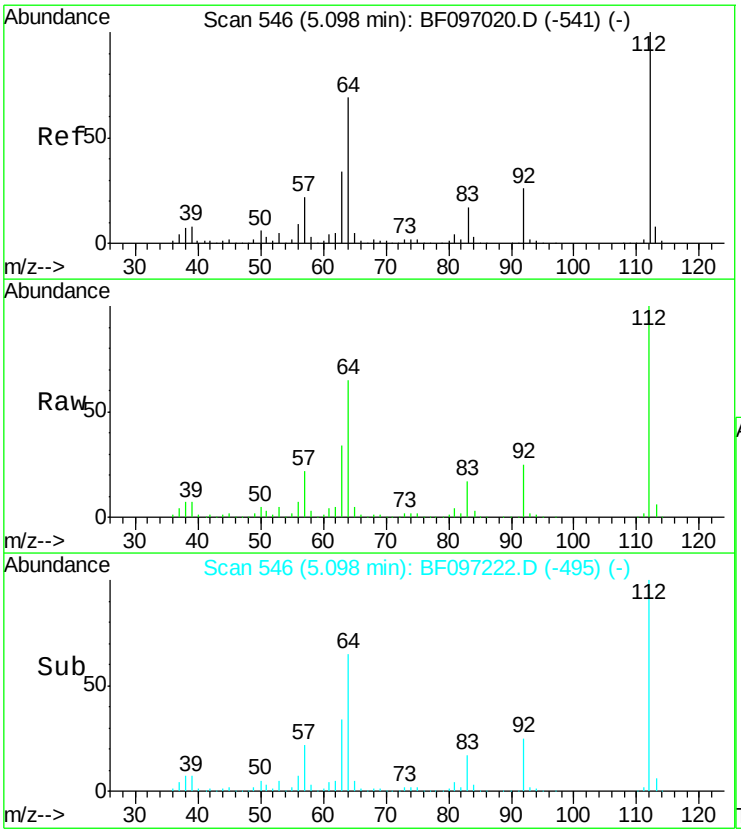
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
E2-L7-BASE

Tgt Ion:152 Resp: 141894

Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.2	189.2
115	64.9	52.2	78.2

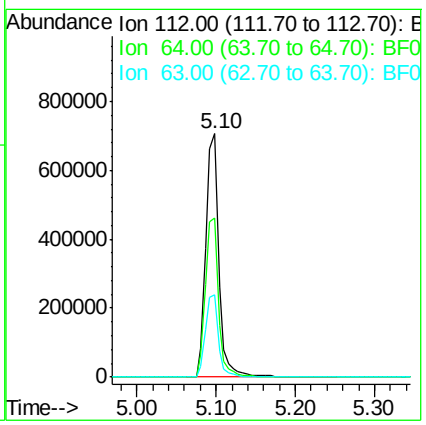


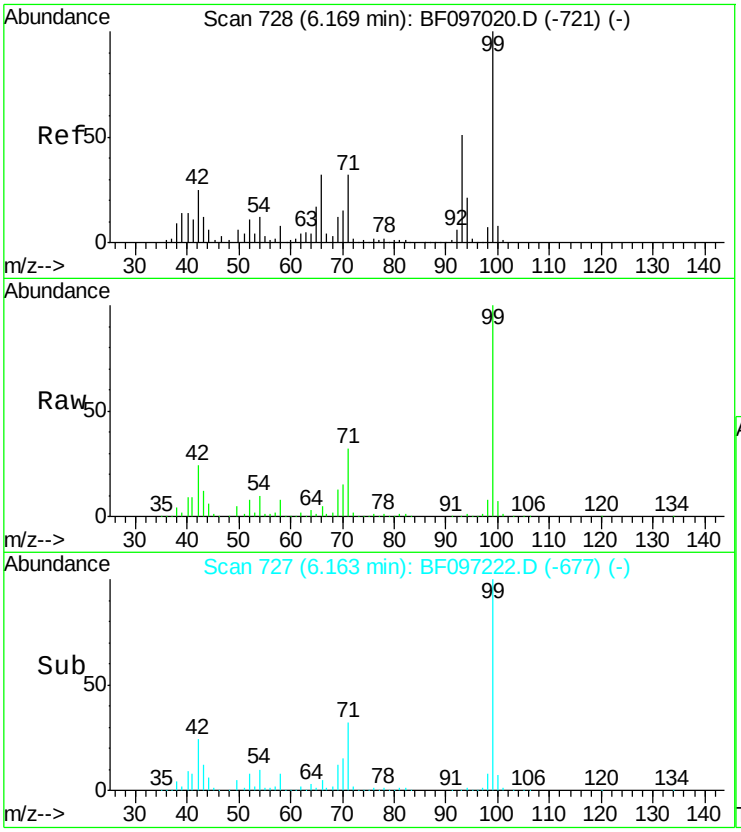


#5
2-Fluorophenol
Concen: 86.35 ng
RT: 5.10 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Tgt Ion:112 Resp: 812802

Ion	Ratio	Lower	Upper
112	100		
64	65.2	46.0	69.0
63	33.7	23.4	35.0



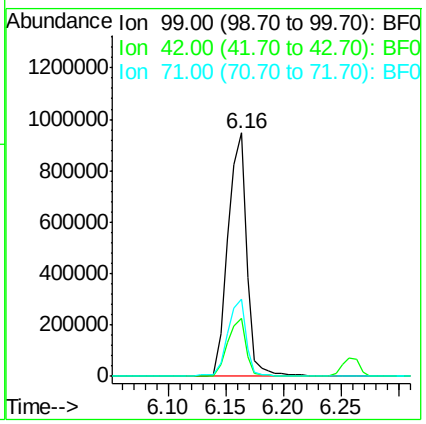


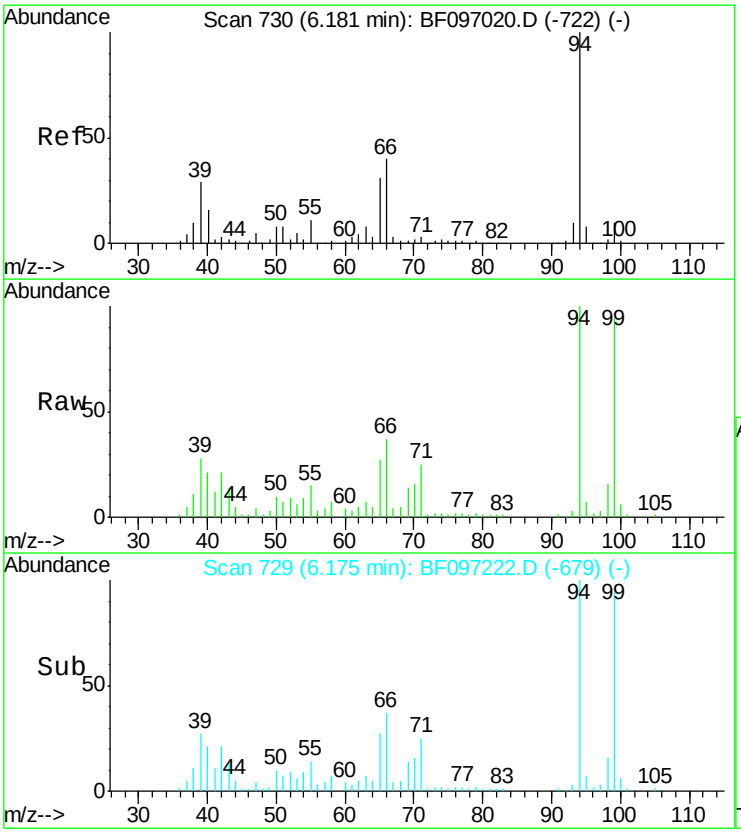
#7
Phenol-d6
Concen: 99.60 ng
RT: 6.16 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
E2-L7-BASE

Tgt Ion: 99 Resp: 1070267

Ion	Ratio	Lower	Upper
99	100		
42	23.9	13.5	20.3#
71	31.8	24.5	36.7

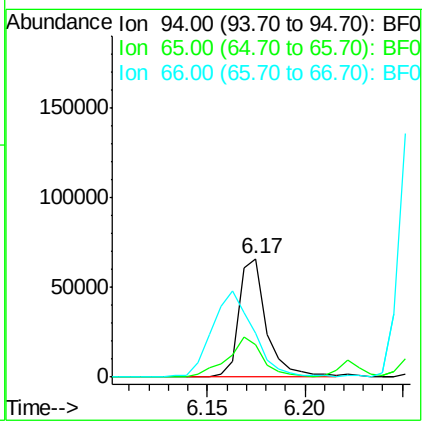


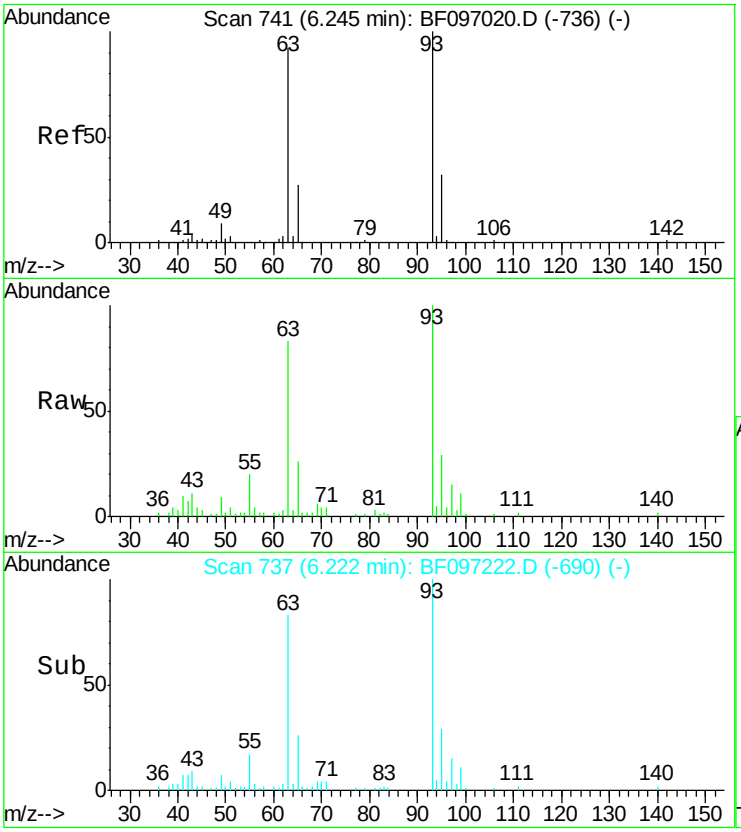


#10
Phenol
Concen: 5.07 ng
RT: 6.17 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Tgt Ion: 94 Resp: 64682

Ion	Ratio	Lower	Upper
94	100		
65	27.3	9.9	49.9
66	36.6	23.1	63.1



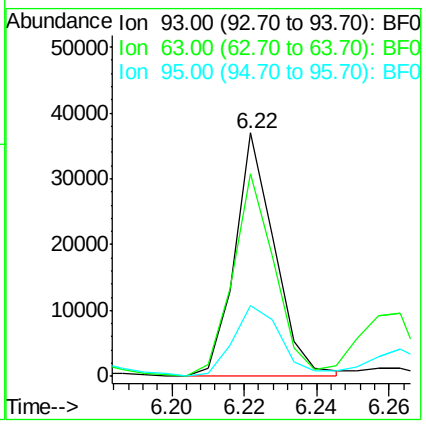


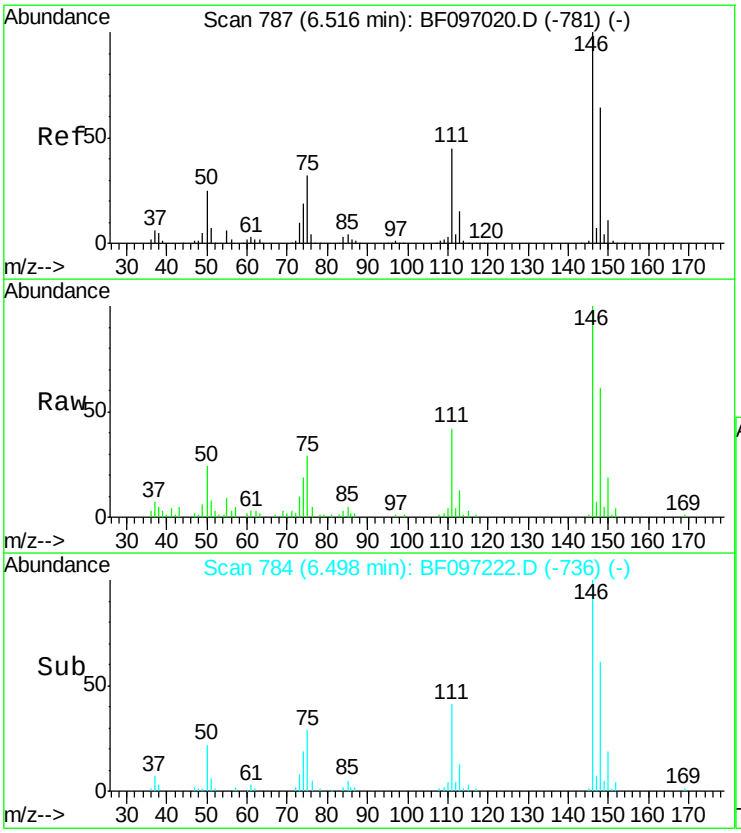
#11
bis(2-Chloroethyl)ether
Concen: 2.79 ng
RT: 6.22 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
E2-L7-BASE

Tgt Ion: 93 Resp: 28134

Ion	Ratio	Lower	Upper
93	100		
63	83.1	59.2	99.2
95	29.2	12.8	52.8

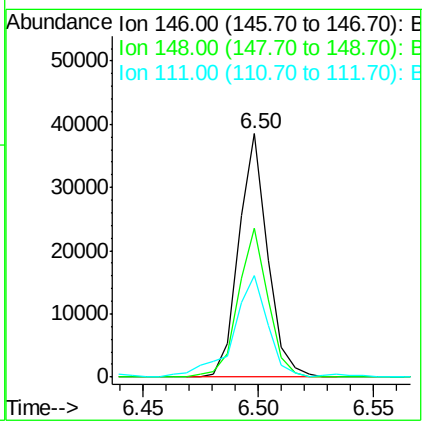


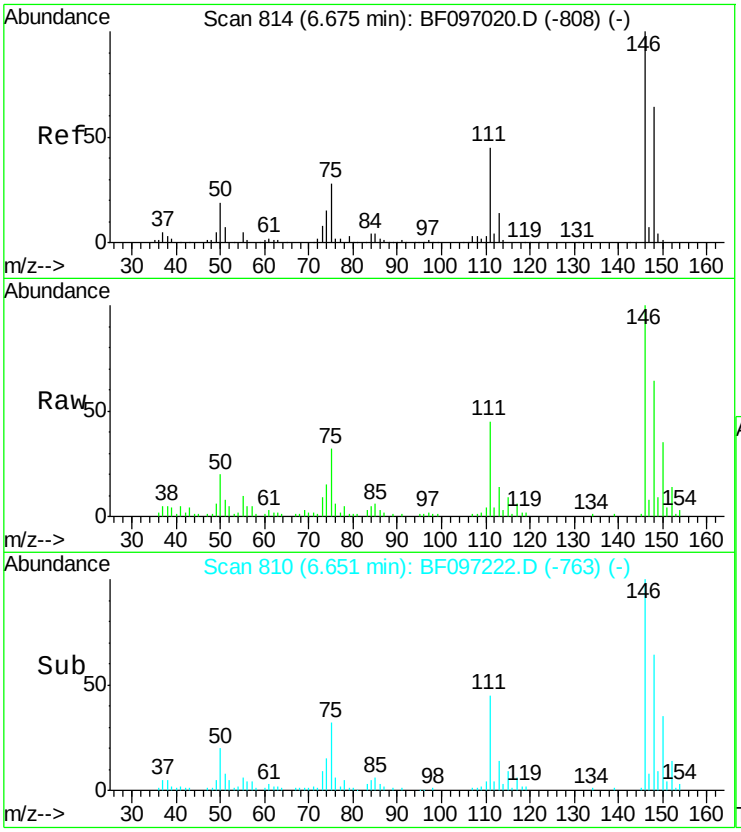


#13
1,4-Dichlorobenzene
Concen: 3.12 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.02 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Tgt Ion:146 Resp: 33562

Ion	Ratio	Lower	Upper
146	100		
148	61.3	52.2	78.2
111	41.7	30.3	45.5



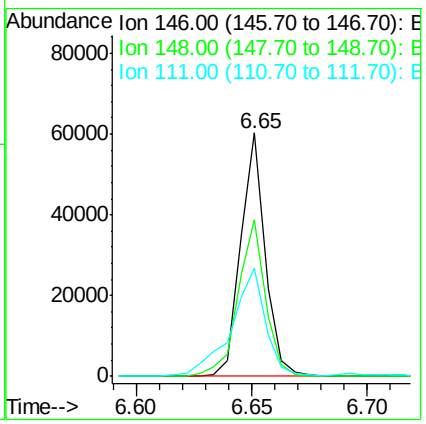


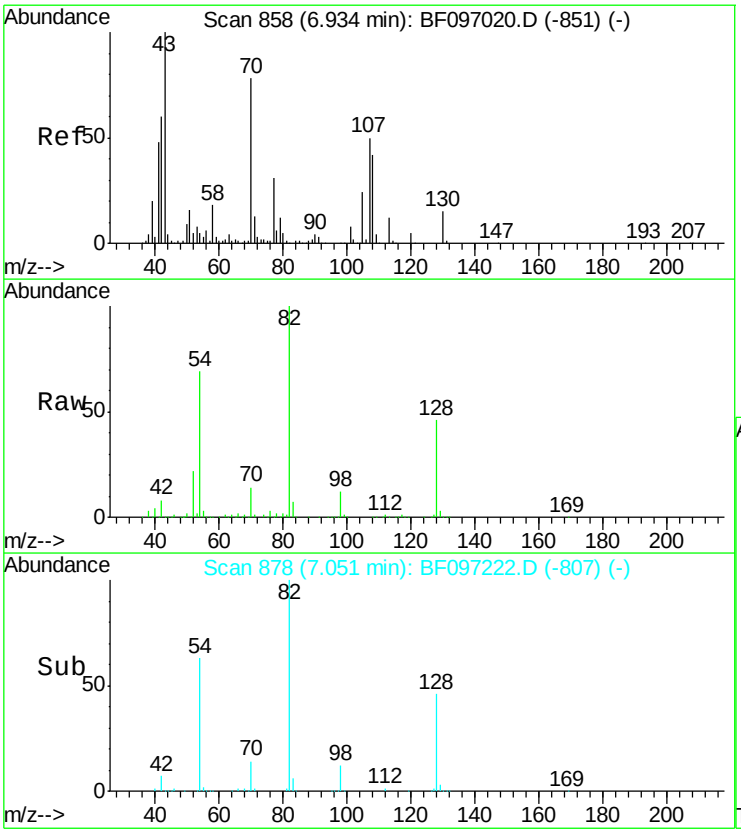
#14
1,2-Dichlorobenzene
Concen: 4.78 ng
RT: 6.65 min Scan# 810
Delta R.T. -0.02 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
E2-L7-BASE

Tgt Ion:146 Resp: 44836

Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.4	75.6
111	44.6	38.2	57.4

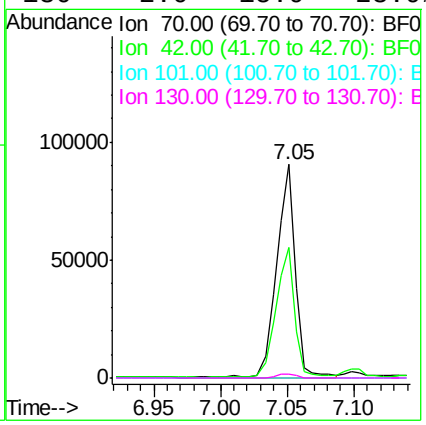


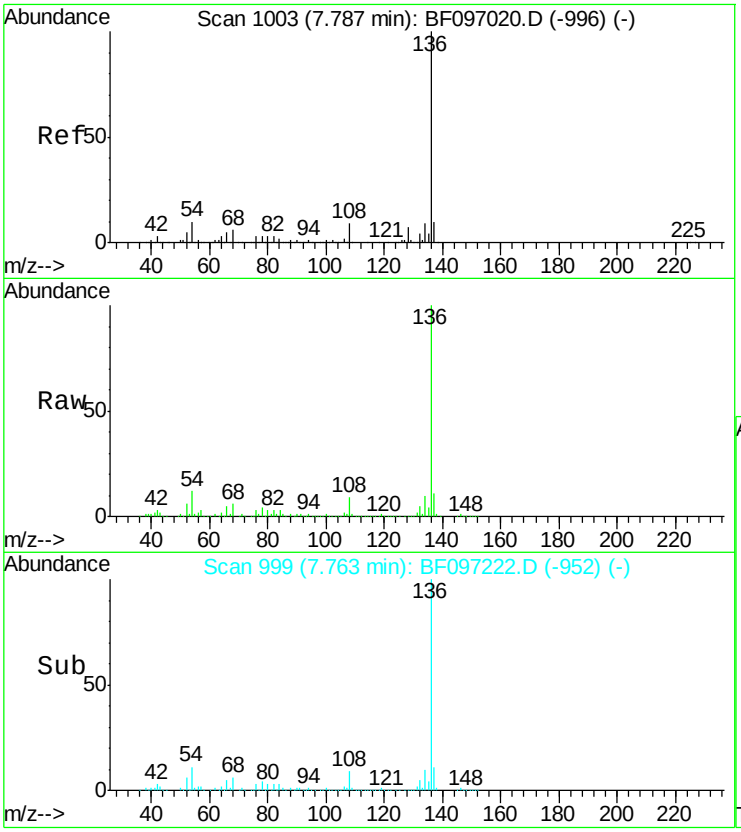


#19
n-Nitroso-di-n-propylamine
Concen: 12.86 ng
RT: 7.05 min Scan# 878
Delta R.T. 0.12 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Tgt Ion: 70 Resp: 90992

Ion	Ratio	Lower	Upper
70	100		
42	61.1	47.2	70.8
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#



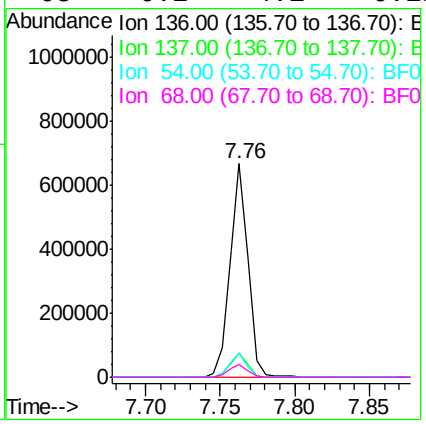


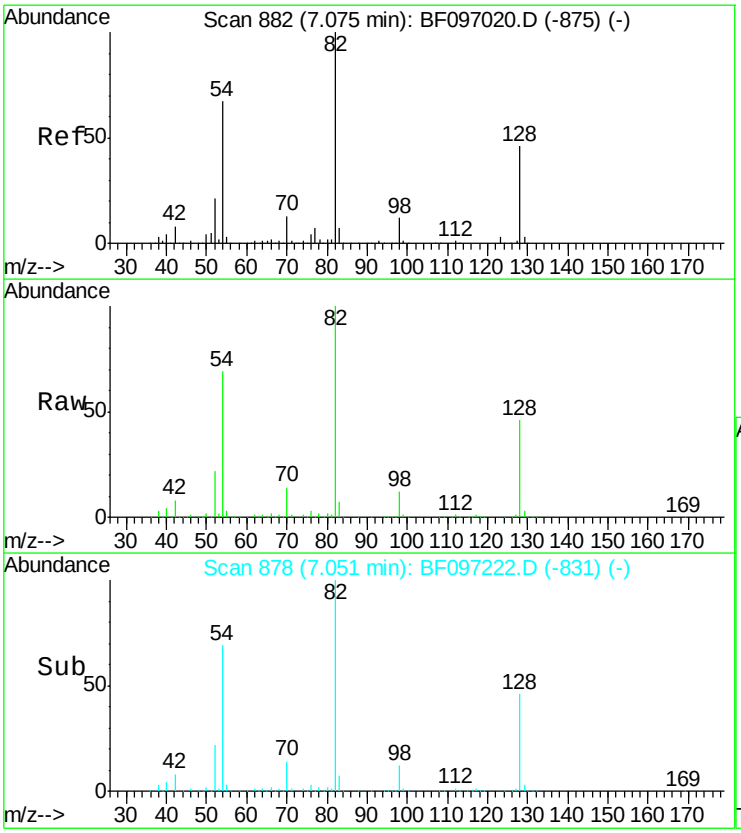
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.76 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
E2-L7-BASE

Tgt Ion:136 Resp: 572415

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	11.5	4.9	7.3#
68	6.2	4.1	6.1#

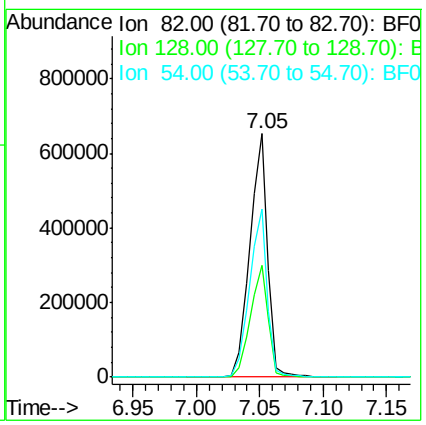


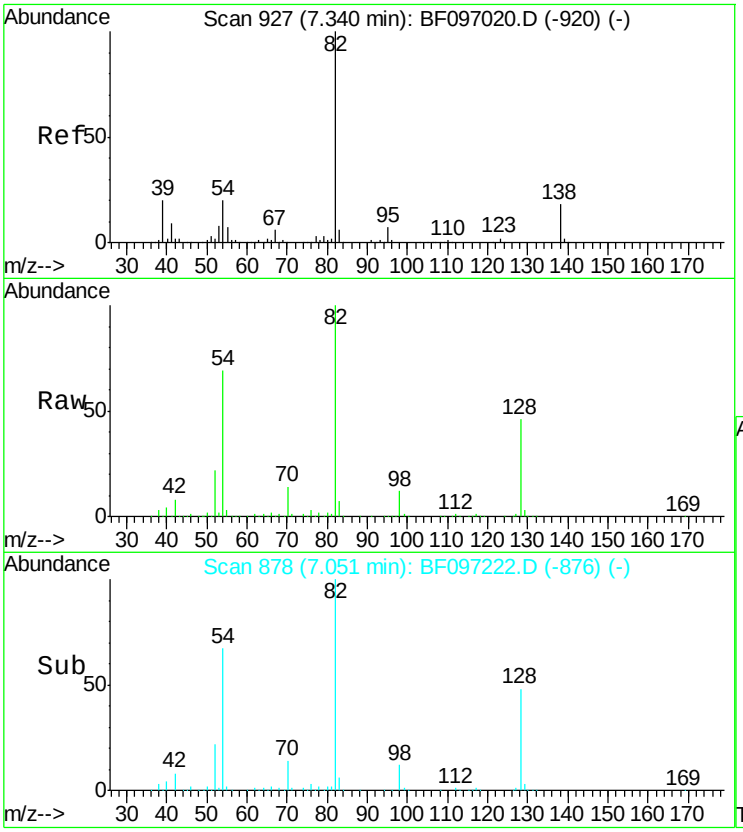


#23
Nitrobenzene-d5
Concen: 65.49 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Tgt Ion: 82 Resp: 638998

Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.0	51.0
54	68.9	42.2	63.2#



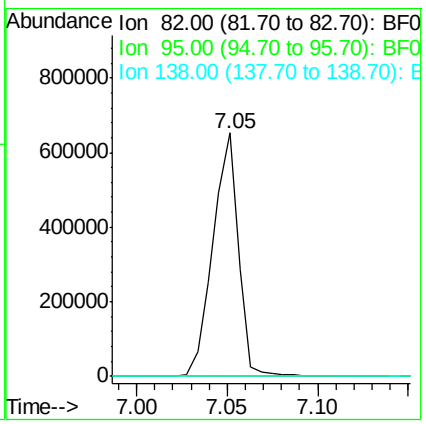


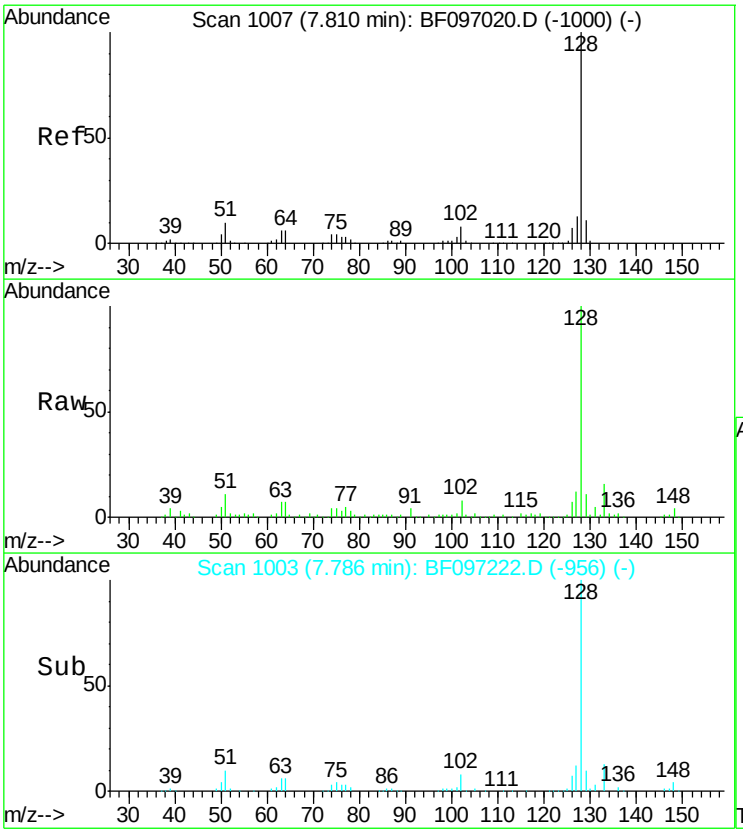
#25
Isophorone
Concen: 33.01 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.29 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
E2-L7-BASE

Tgt Ion: 82 Resp: 630749

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.3	7.9#
138	0.0	13.1	19.7#

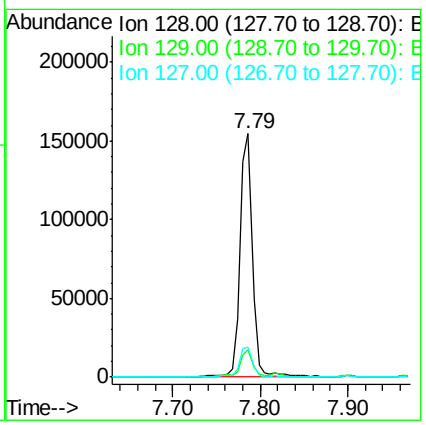


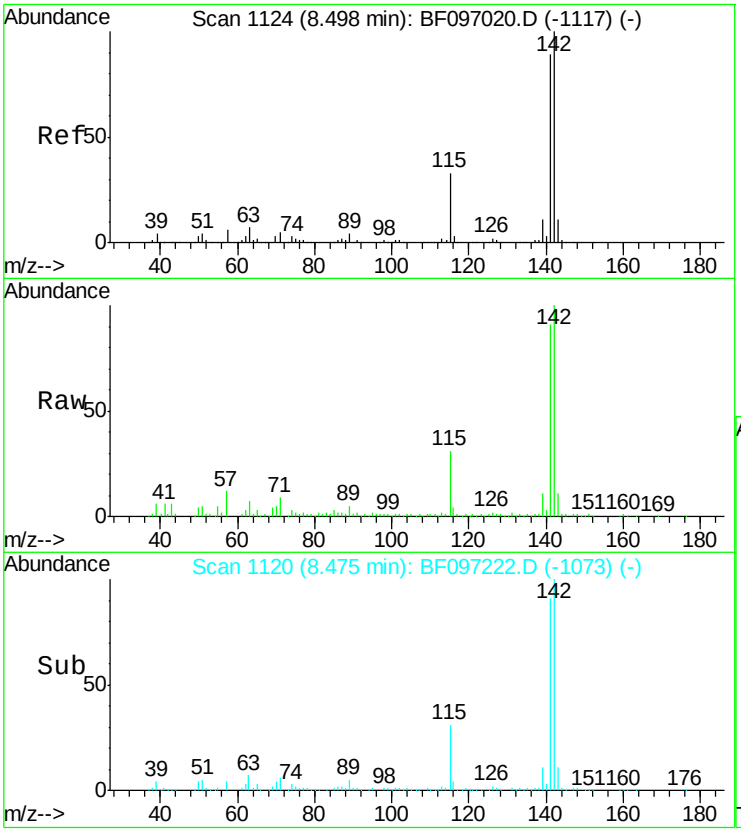


#31
Naphthalene
Concen: 5.43 ng
RT: 7.79 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Tgt Ion:128 Resp: 146479

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	12.5	10.8	16.2



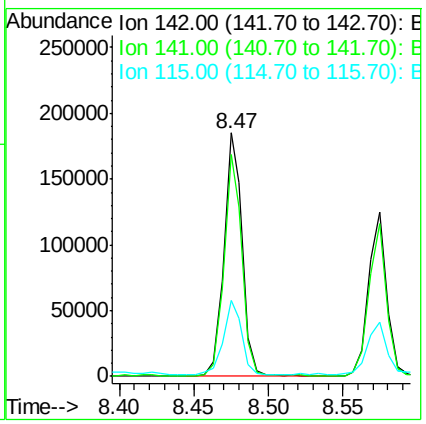


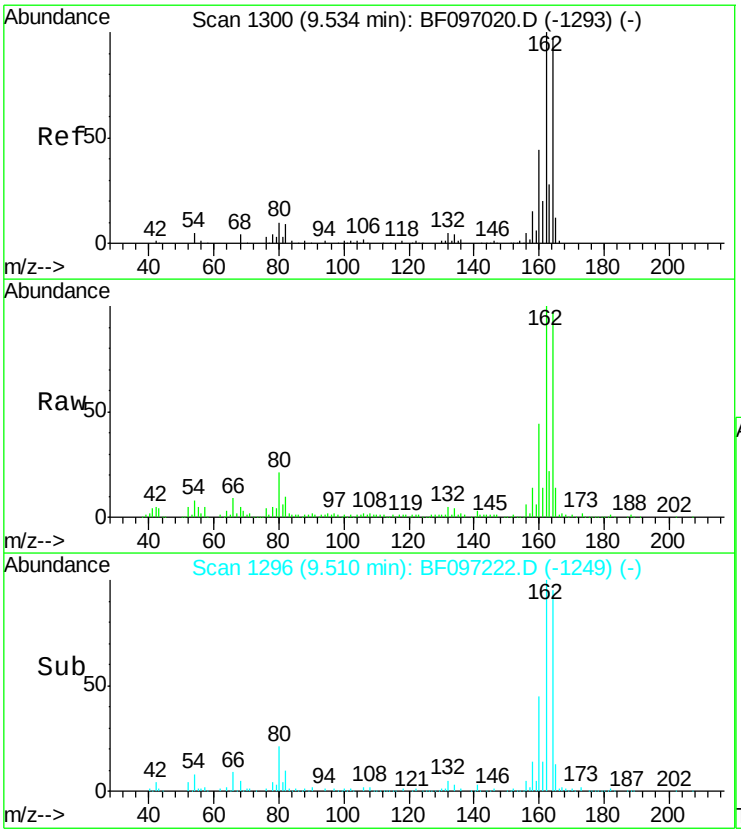
#37
2-Methylnaphthalene
Concen: 9.44 ng
RT: 8.47 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
E2-L7-BASE

Tgt Ion:142 Resp: 161343

Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.3	106.9
115	31.4	27.1	40.7

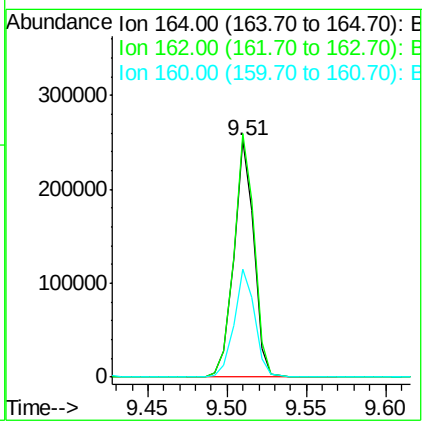


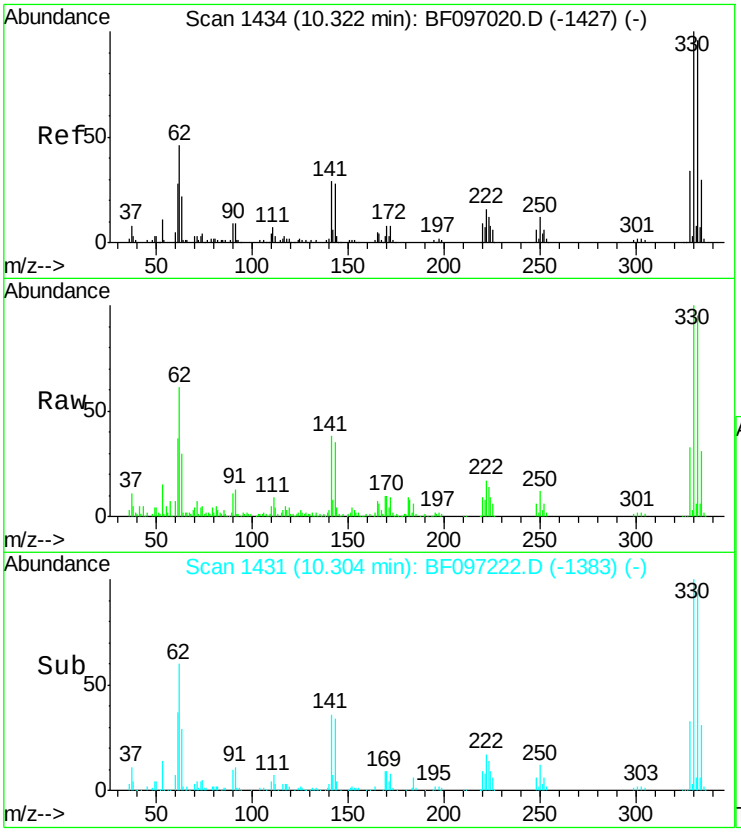


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.51 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Tgt Ion:164 Resp: 221508

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	45.5	36.2	54.2



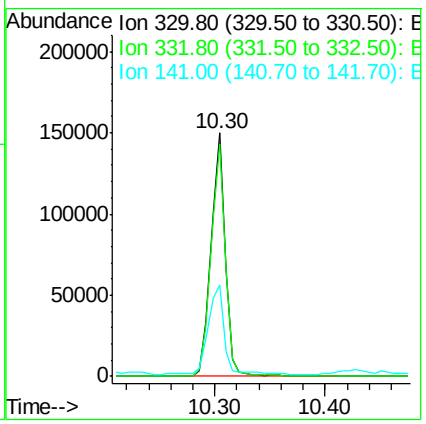


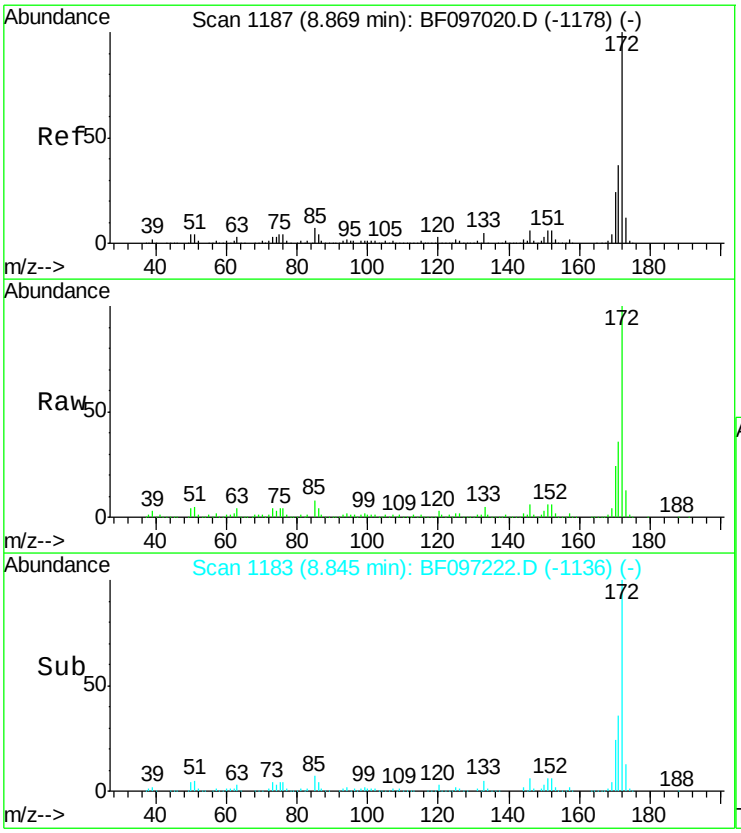
#41
2,4,6-Tribromophenol
Concen: 75.49 ng
RT: 10.30 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
E2-L7-BASE

Tgt Ion:330 Resp: 132124

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	40.2	31.4	47.2

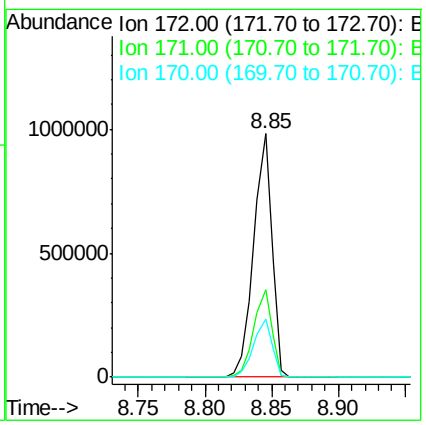


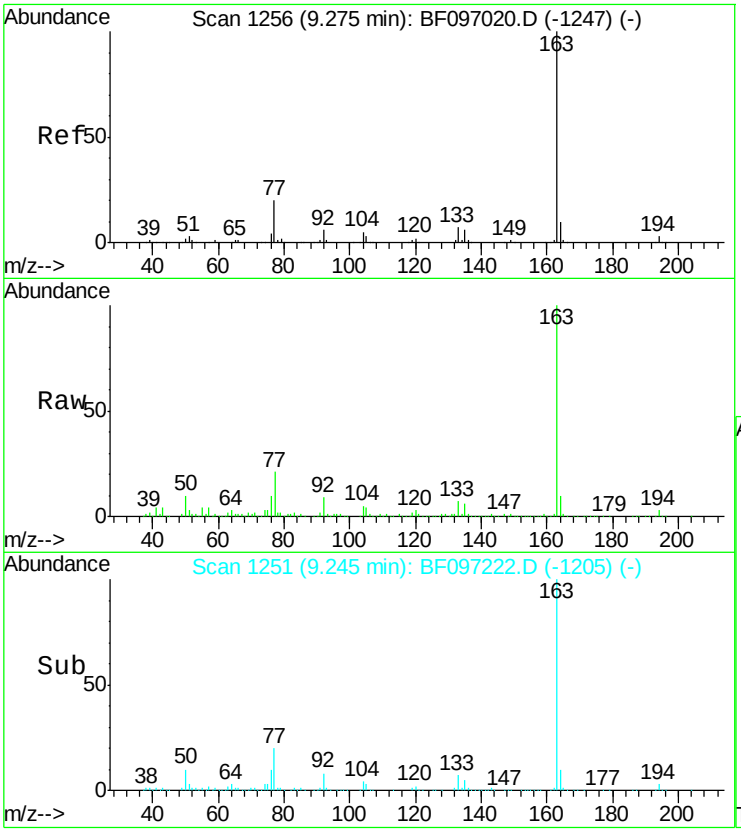


#44
2-Fluorobiphenyl
Concen: 70.33 ng
RT: 8.85 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Tgt Ion:172 Resp: 917944

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.9	19.8	29.8



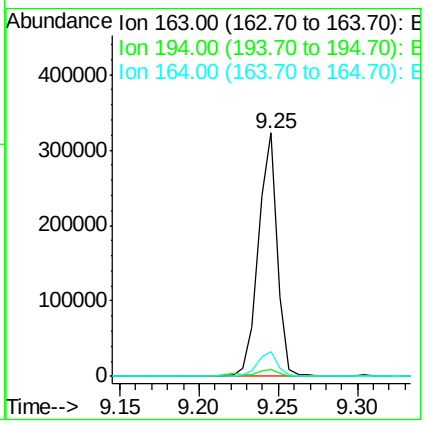


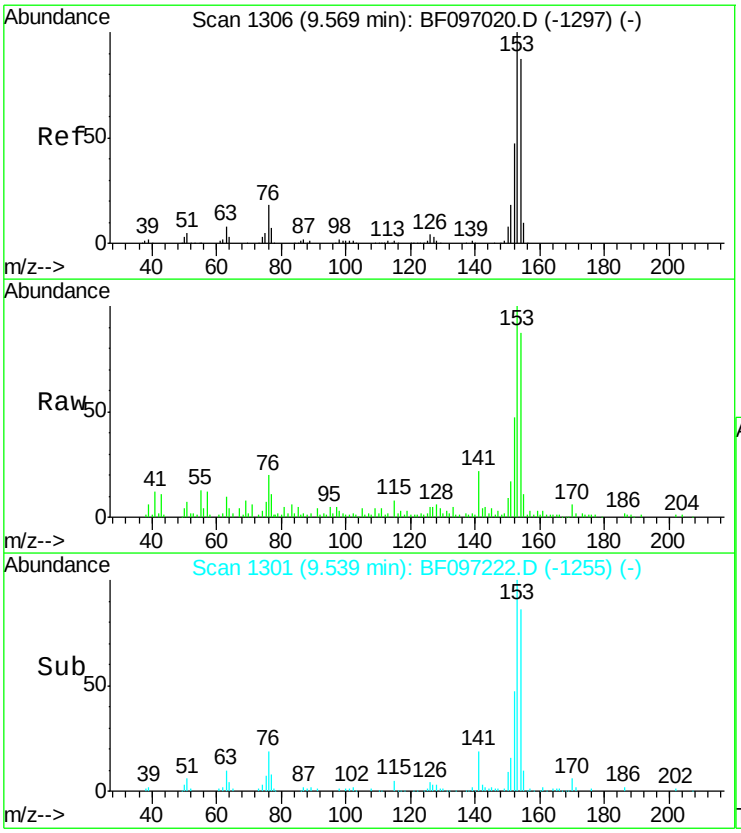
#49
Dimethylphthalate
Concen: 15.84 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
E2-L7-BASE

Tgt Ion:163 Resp: 266478

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.1	8.4	12.6

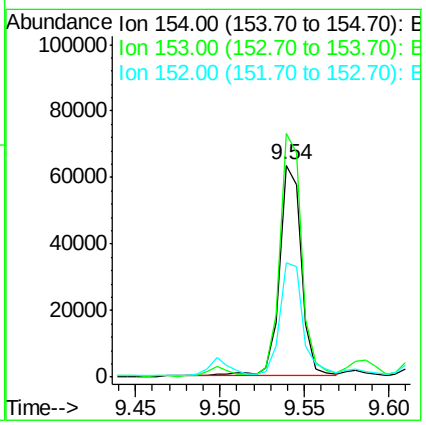


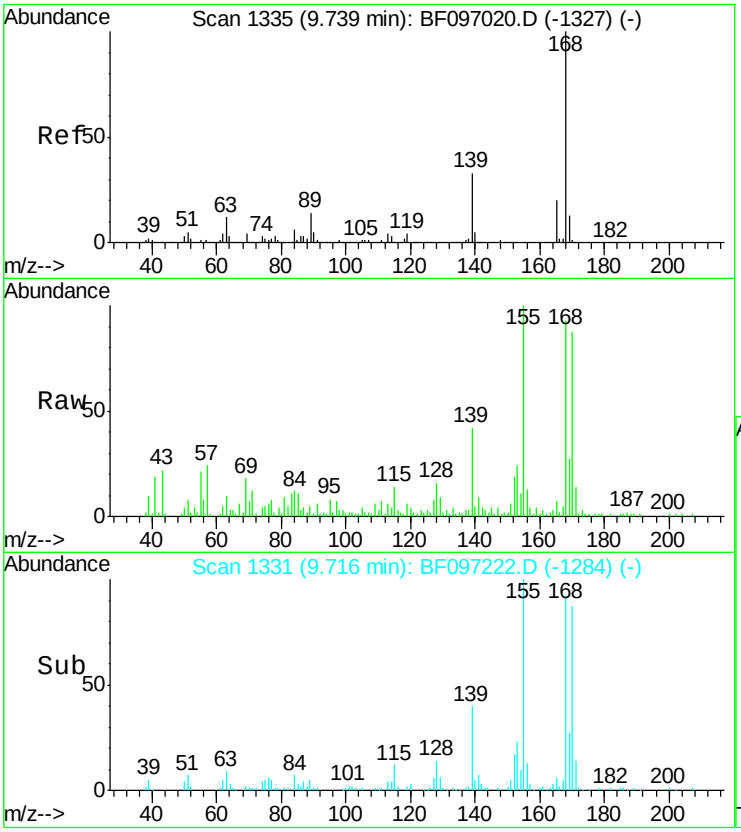


#51
Acenaphthene
Concen: 4.53 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Tgt Ion:154 Resp: 57077

Ion	Ratio	Lower	Upper
154	100		
153	115.1	90.5	135.7
152	54.3	43.6	65.4



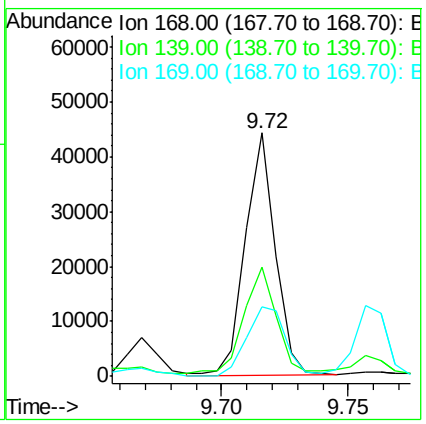


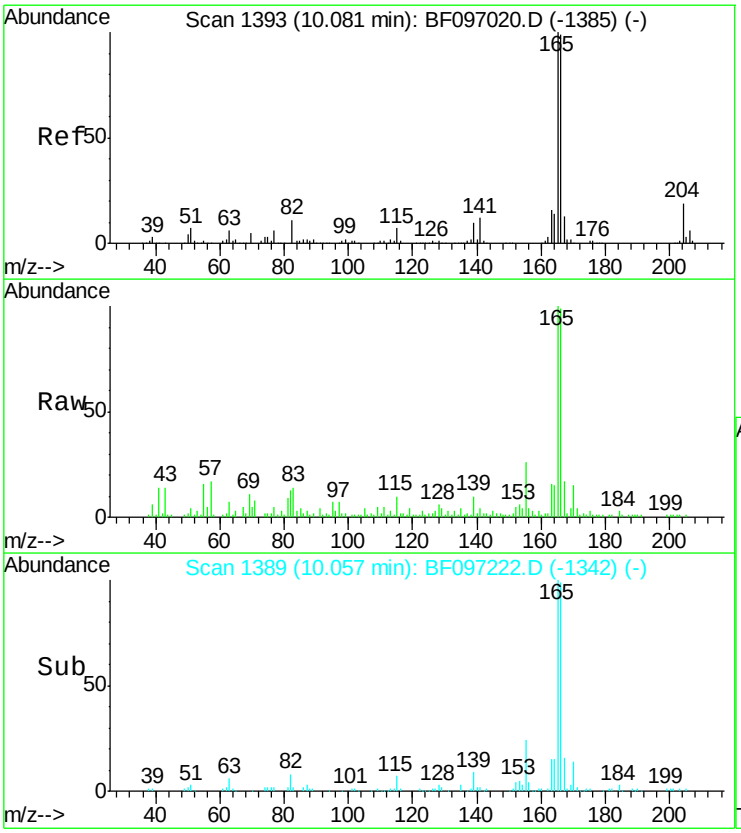
#54
Dibenzofuran
Concen: 2.20 ng
RT: 9.72 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
E2-L7-BASE

Tgt Ion:168 Resp: 36806

Ion	Ratio	Lower	Upper
168	100		
139	45.0	30.6	45.8
169	28.6	10.8	16.2#

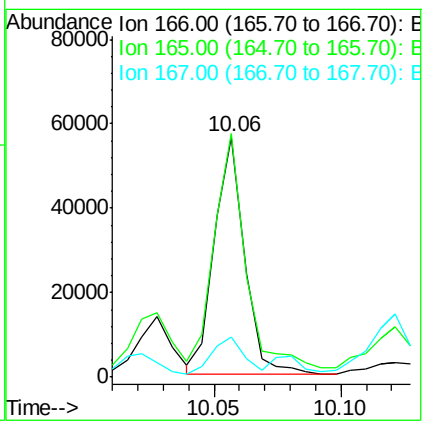


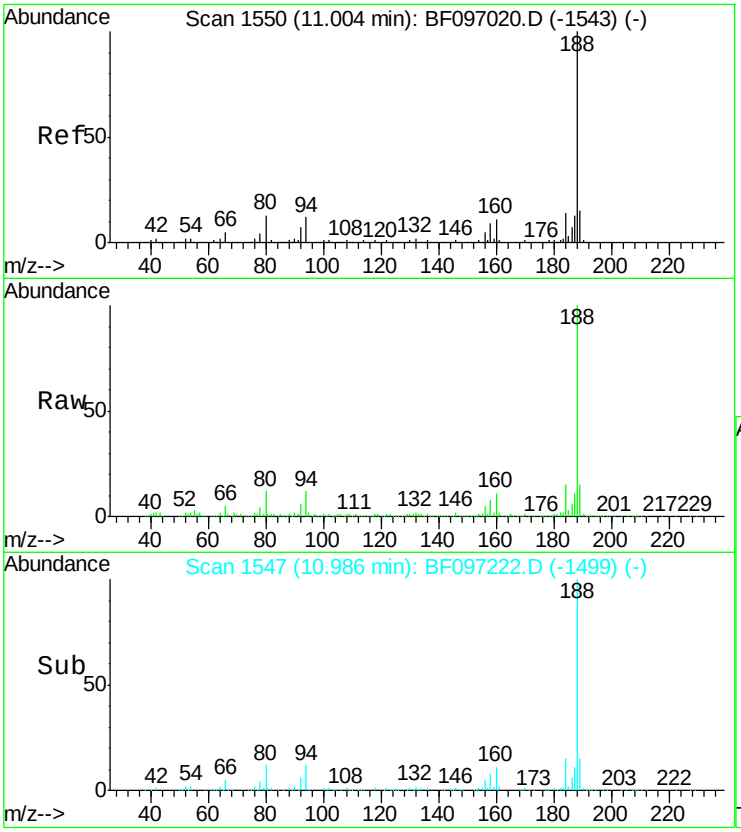


#57
Fluorene
Concen: 3.69 ng
RT: 10.06 min Scan# 1389
Delta R.T. -0.02 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Tgt Ion:166 Resp: 46441

Ion	Ratio	Lower	Upper
166	100		
165	101.3	78.8	118.2
167	16.8	10.6	16.0#



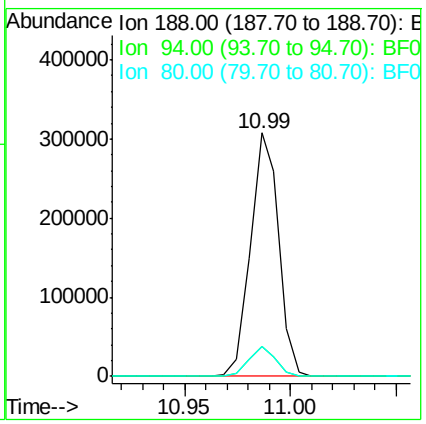


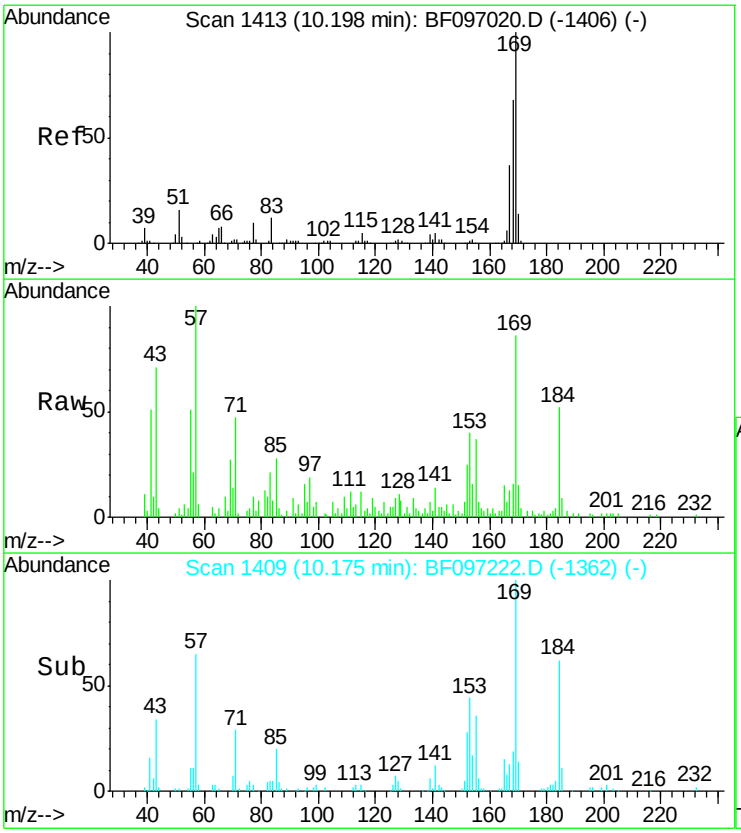
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
E2-L7-BASE

Tgt Ion:188 Resp: 284932

Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.4	14.2
80	12.2	10.2	15.2

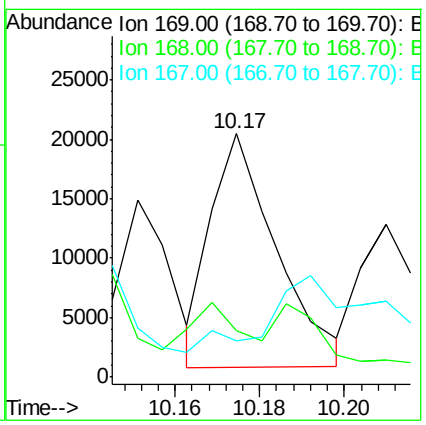


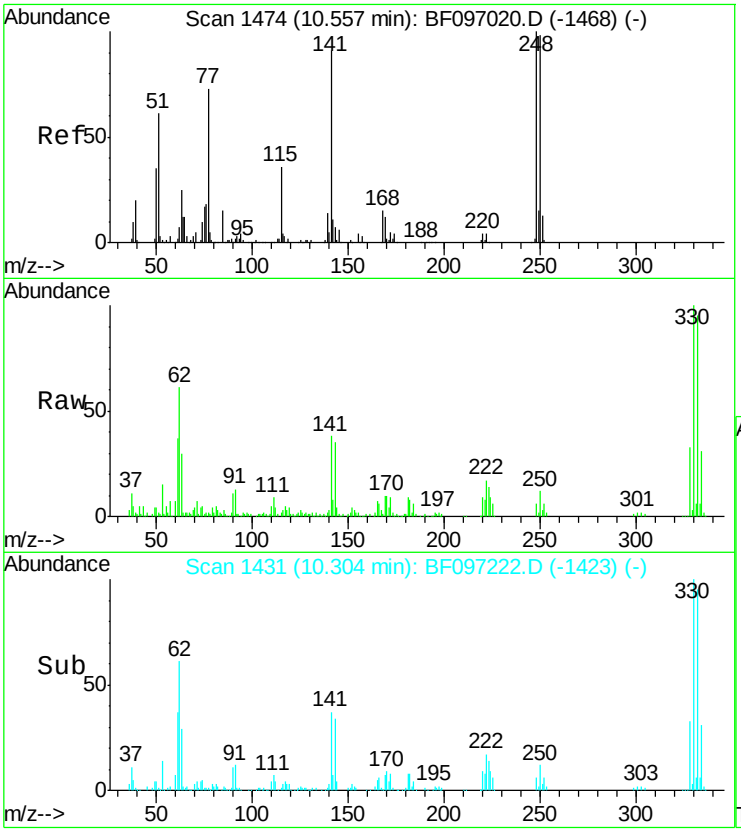


#65
n-Nitrosodiphenylamine
Concen: 2.14 ng
RT: 10.17 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Tgt Ion:169 Resp: 21241

Ion	Ratio	Lower	Upper
169	100		
168	18.8	53.2	79.8#
167	14.7	29.5	44.3#



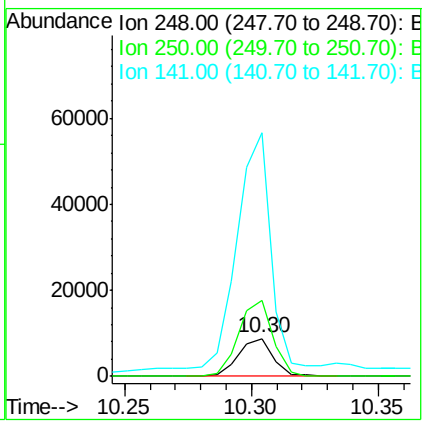


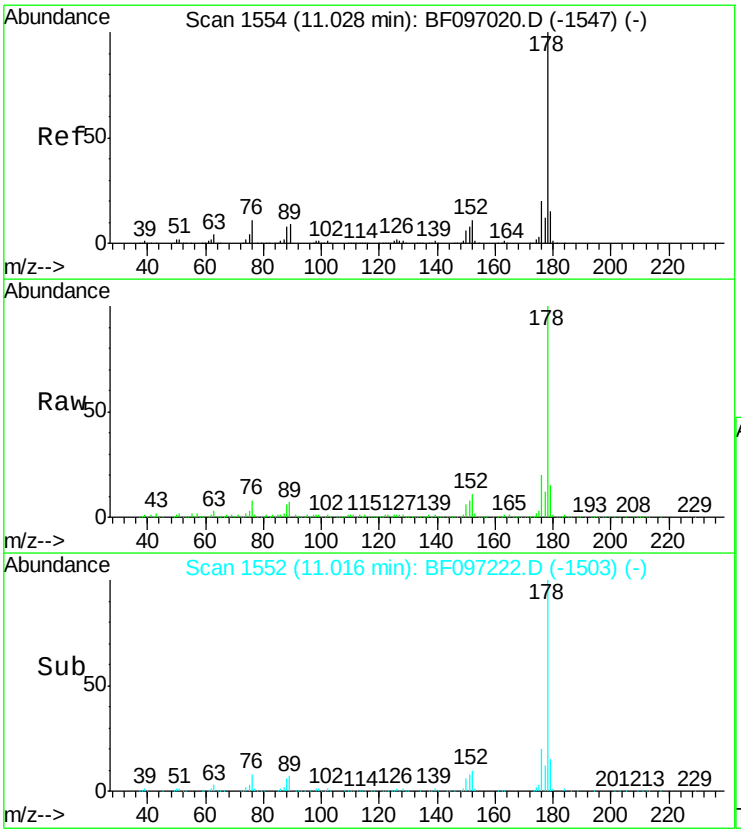
#66
4-Bromophenyl-phenylether
Concen: 2.96 ng
RT: 10.30 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
E2-L7-BASE

Tgt Ion:248 Resp: 8429

Ion	Ratio	Lower	Upper
248	100		
250	201.1	76.8	115.2#
141	641.0	68.6	103.0#

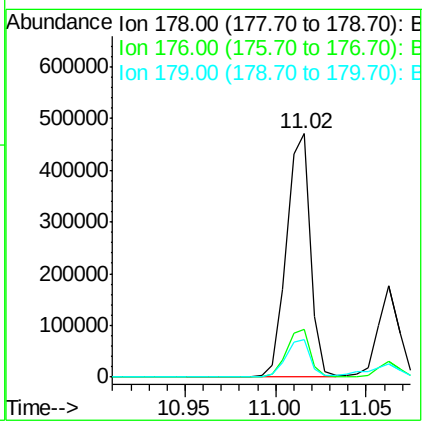


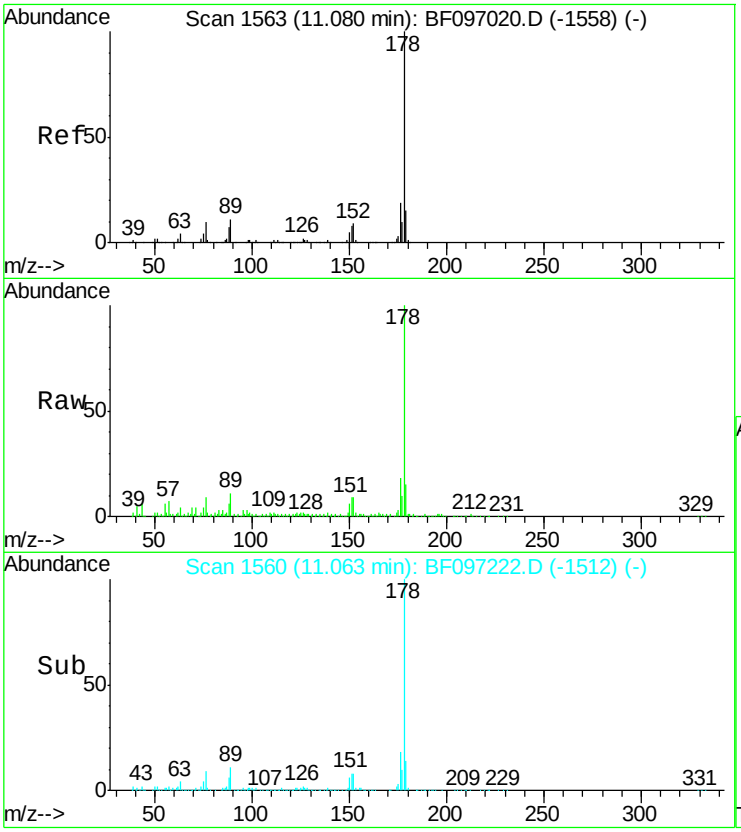


#70
Phenanthrene
Concen: 28.35 ng
RT: 11.02 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Tgt Ion:178 Resp: 432808

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	15.3	12.6	19.0



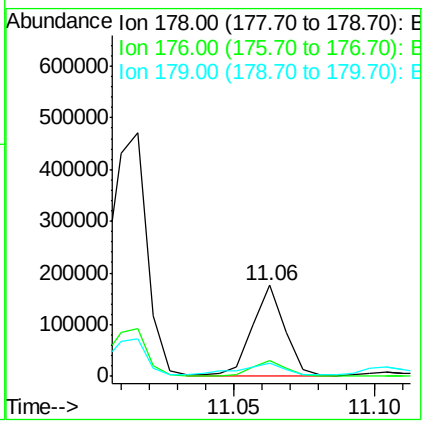


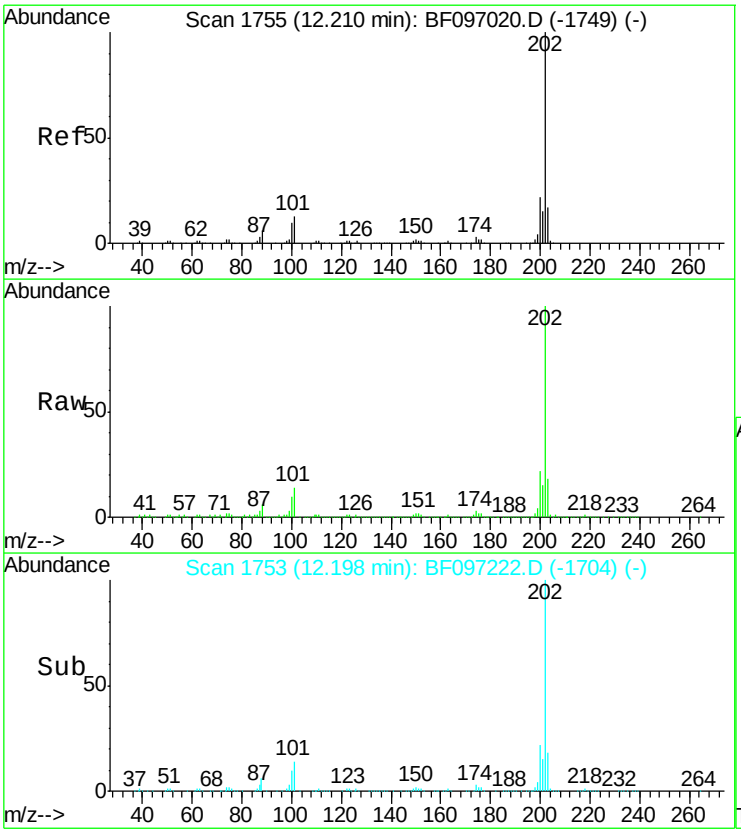
#71
Anthracene
Concen: 8.90 ng
RT: 11.06 min Scan# 1560
Delta R.T. -0.02 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
E2-L7-BASE

Tgt Ion:178 Resp: 139092

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.8	23.8
179	14.7	12.7	19.1

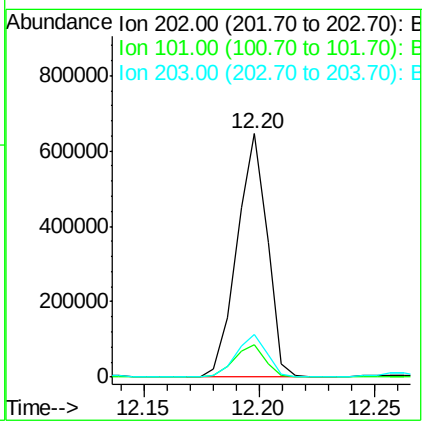


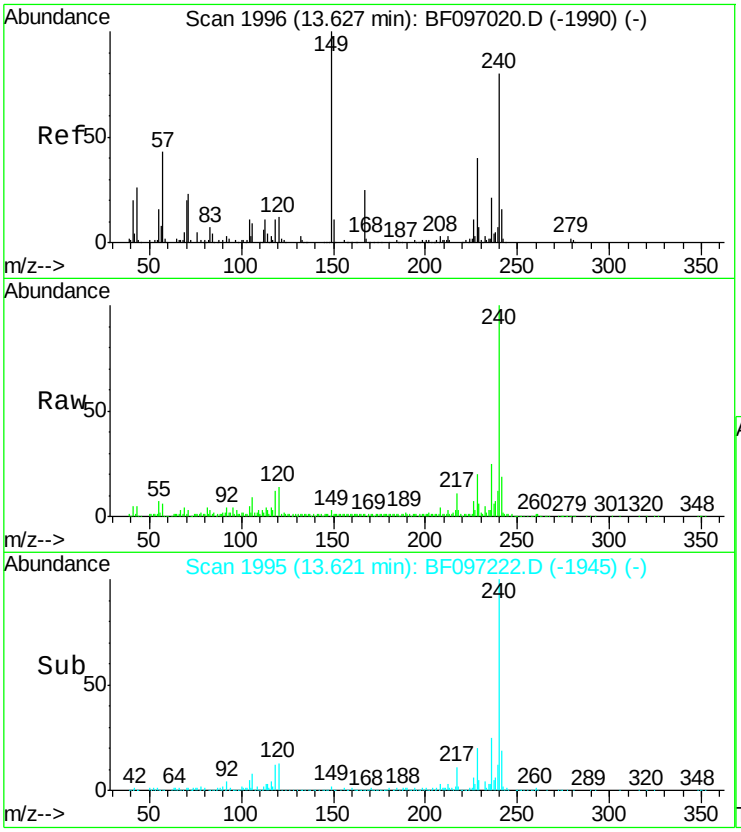


#74
Fluoranthene
Concen: 39.37 ng
RT: 12.20 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Tgt Ion:202 Resp: 588895

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	33.2
203	17.7	0.0	38.1



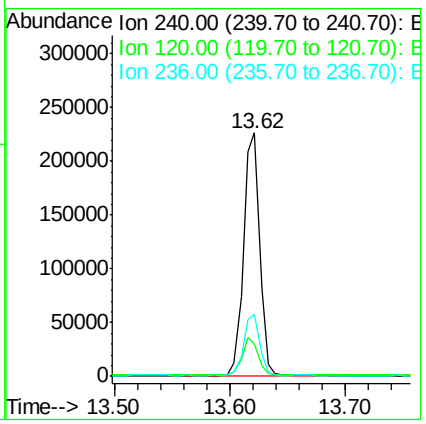


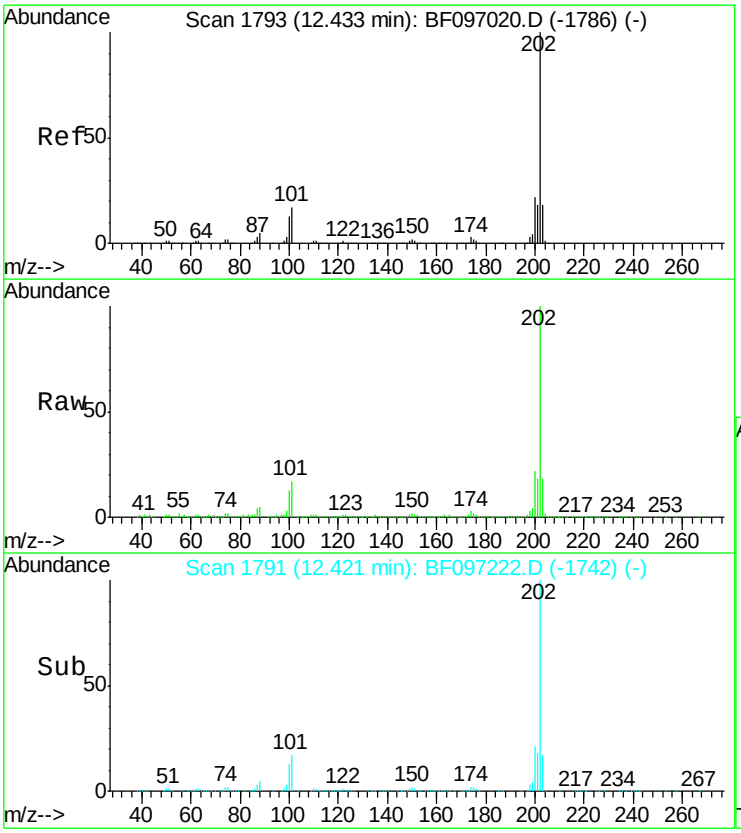
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
E2-L7-BASE

Tgt Ion:240 Resp: 219609

Ion	Ratio	Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	25.3	20.5	30.7

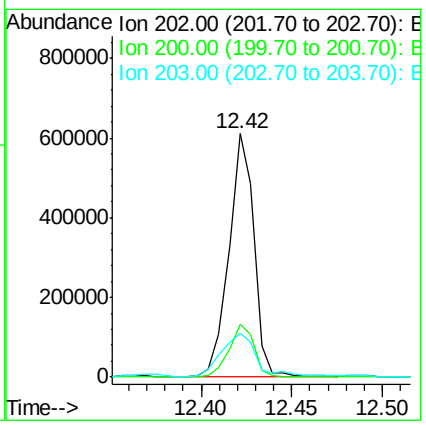


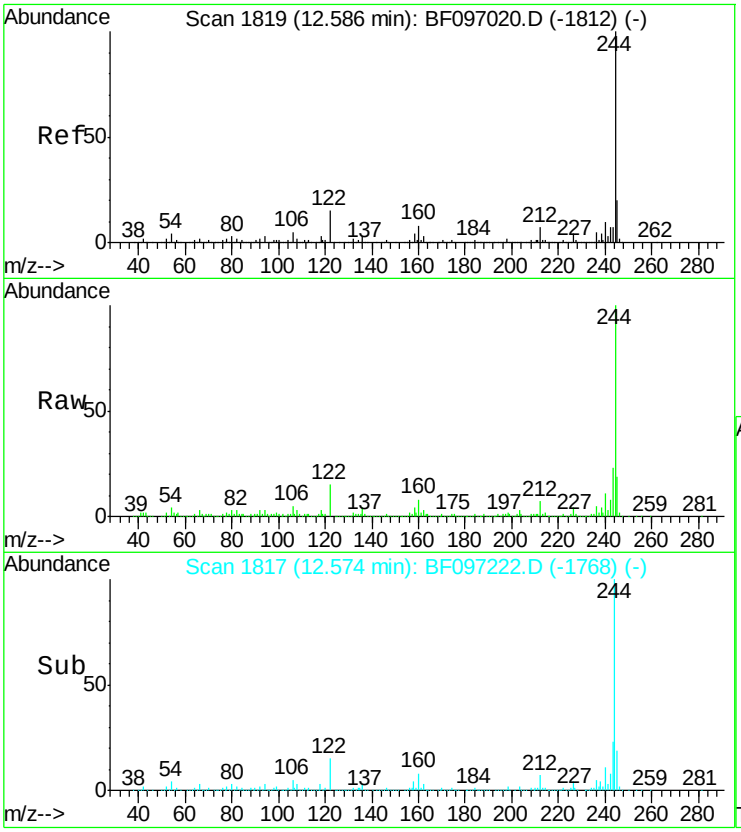


#77
Pyrene
Concen: 32.57 ng
RT: 12.42 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Tgt Ion:202 Resp: 585541

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	18.2	14.4	21.6



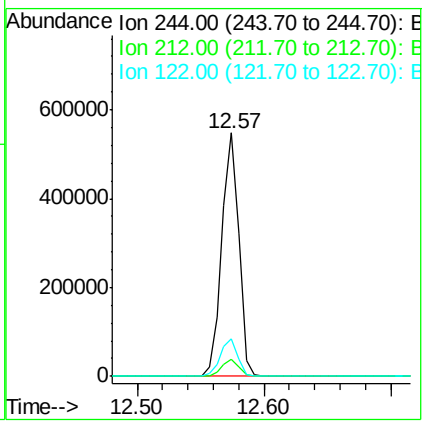


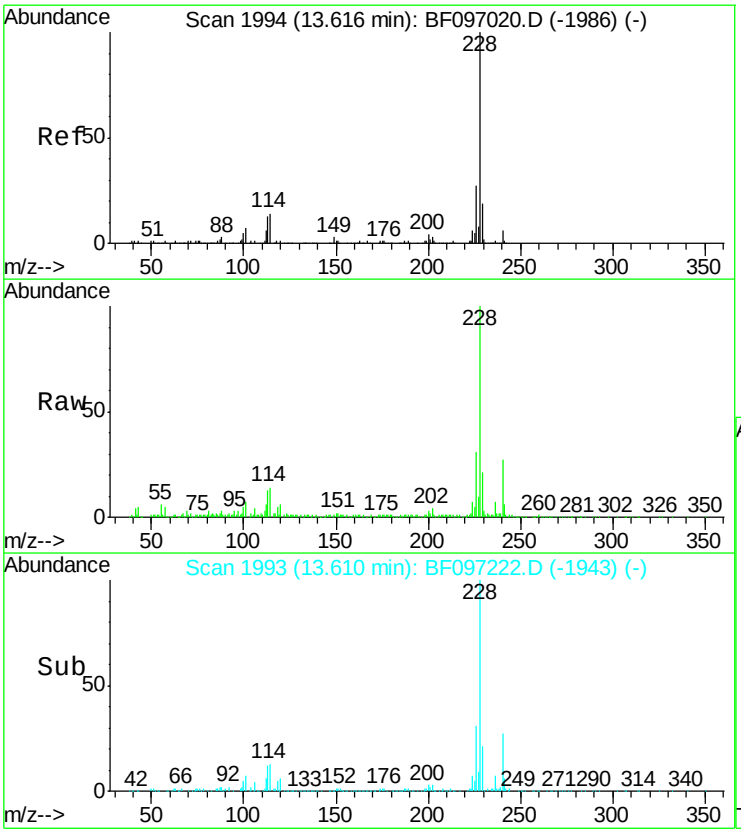
#78
Terphenyl-d14
Concen: 47.72 ng
RT: 12.57 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
E2-L7-BASE

Tgt Ion:244 Resp: 514019

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	15.4	10.3	15.5

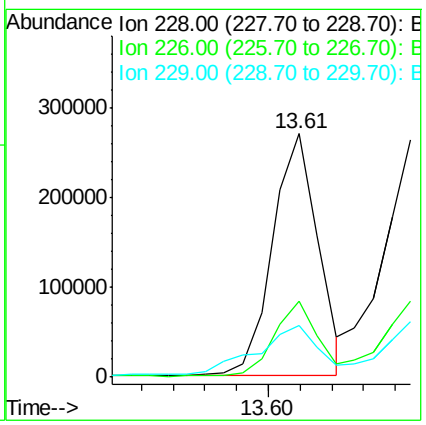


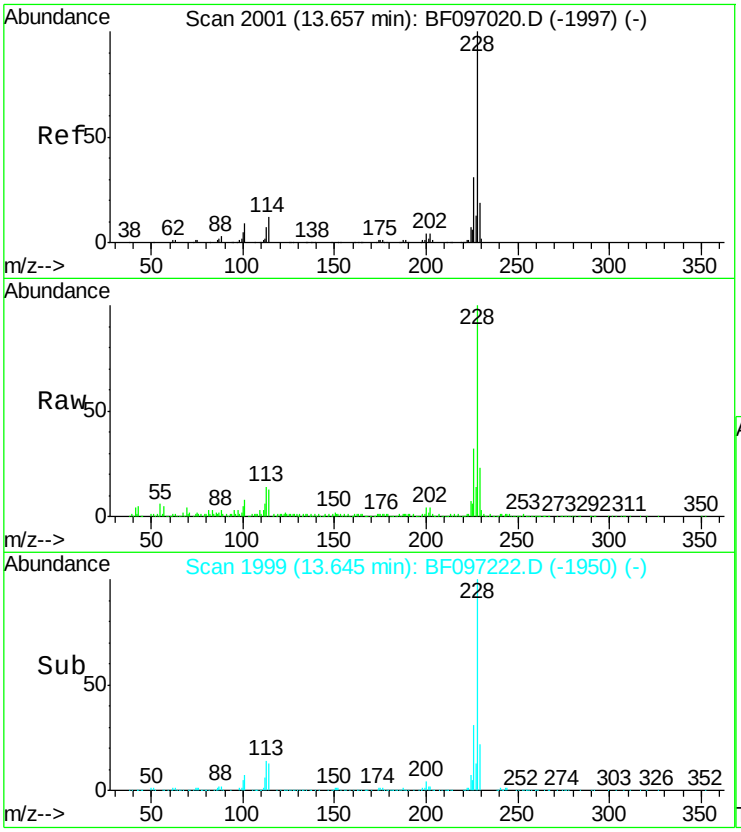


#80
Benzo(a)anthracene
Concen: 18.99 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Tgt Ion:228 Resp: 269857

Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.6	33.8
229	21.4	16.3	24.5



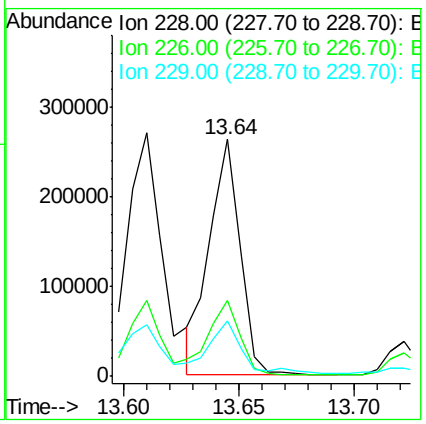


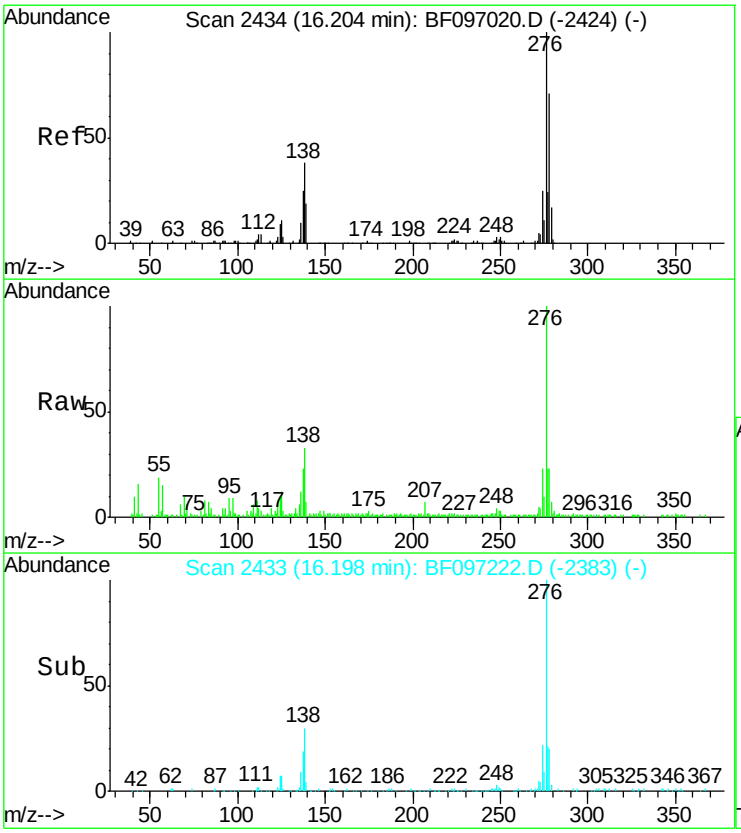
#82
Chrysene
Concen: 17.52 ng
RT: 13.64 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
E2-L7-BASE

Tgt Ion:228 Resp: 243100

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.9	37.3
229	23.3	15.8	23.6

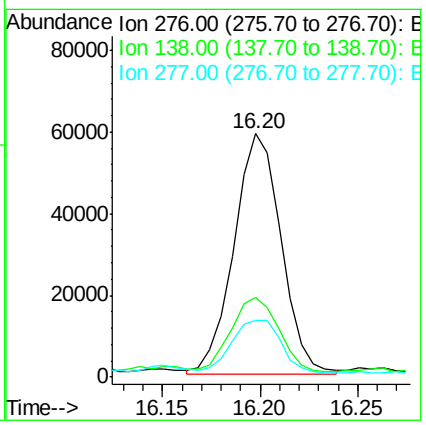


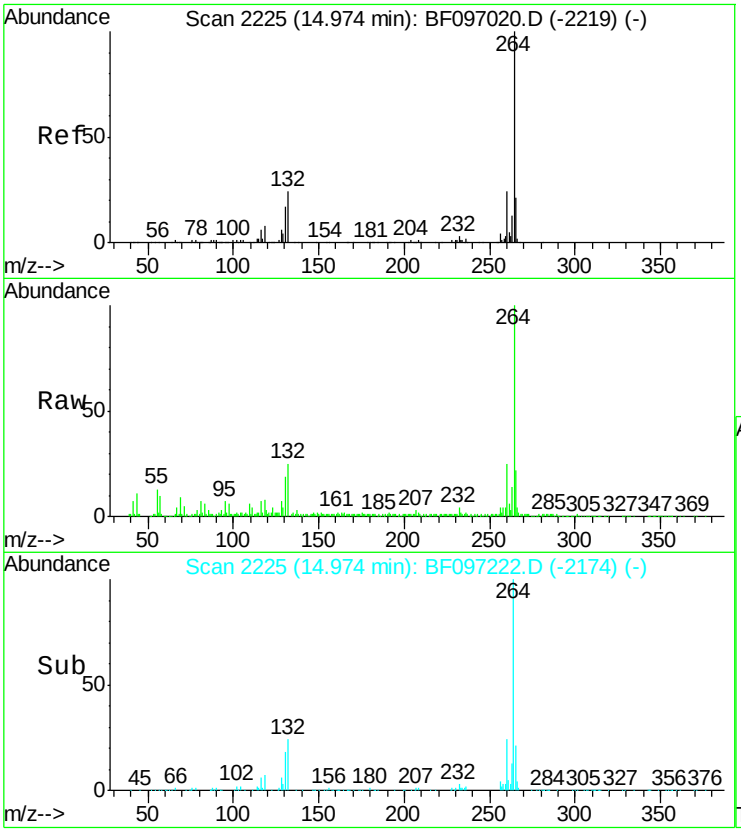


#85
Indeno(1,2,3-cd)pyrene
Concen: 8.33 ng
RT: 16.20 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Tgt Ion:276 Resp: 99167

Ion	Ratio	Lower	Upper
276	100		
138	31.9	27.8	41.6
277	22.8	20.2	30.4



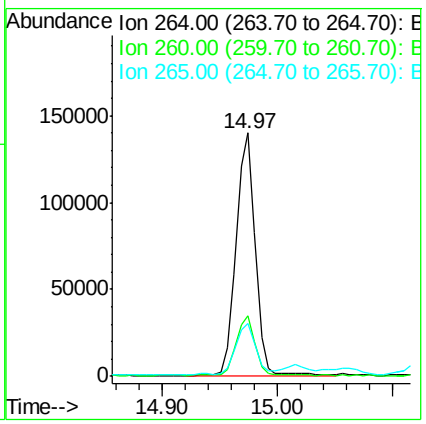


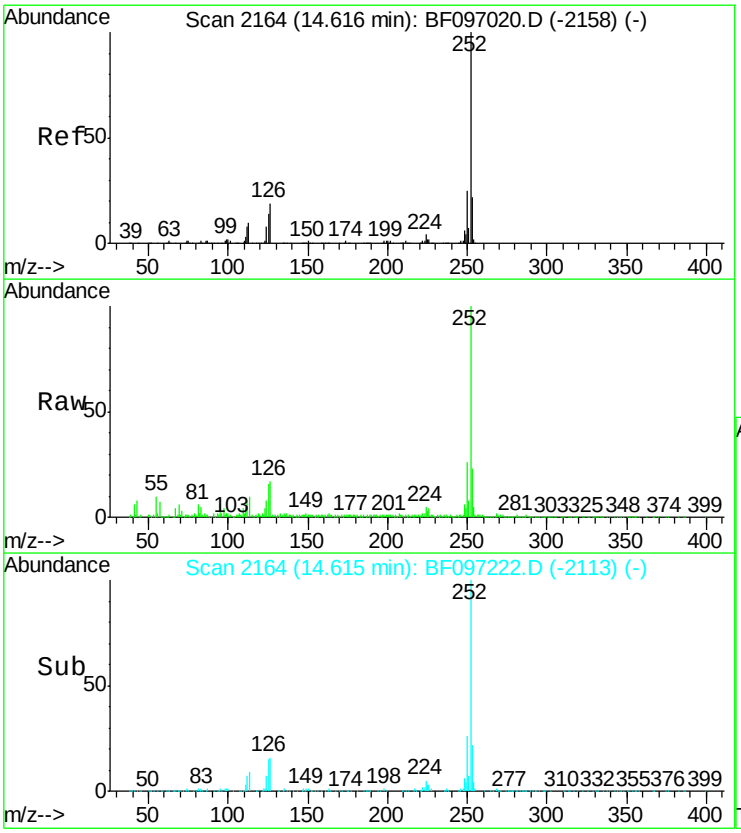
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.97 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
E2-L7-BASE

Tgt Ion:264 Resp: 160534

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.6	17.2	25.8

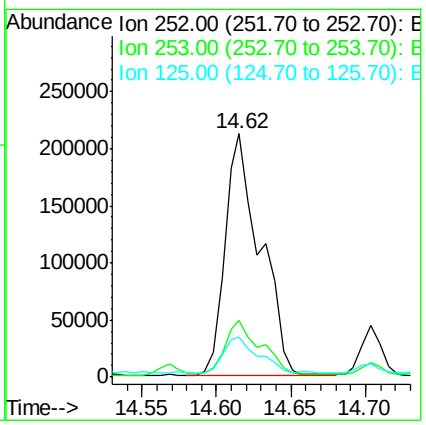


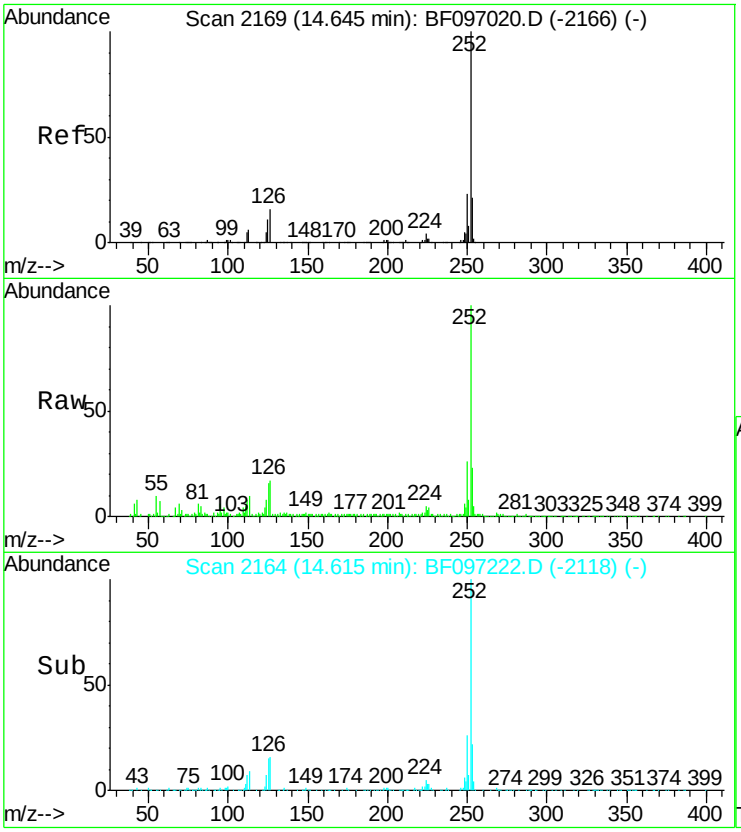


#87
Benzo(b)fluoranthene
Concen: 36.26 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Tgt Ion:252 Resp: 349934

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	16.4	9.8	14.8#



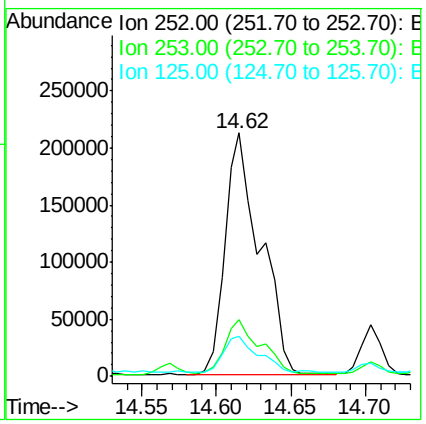


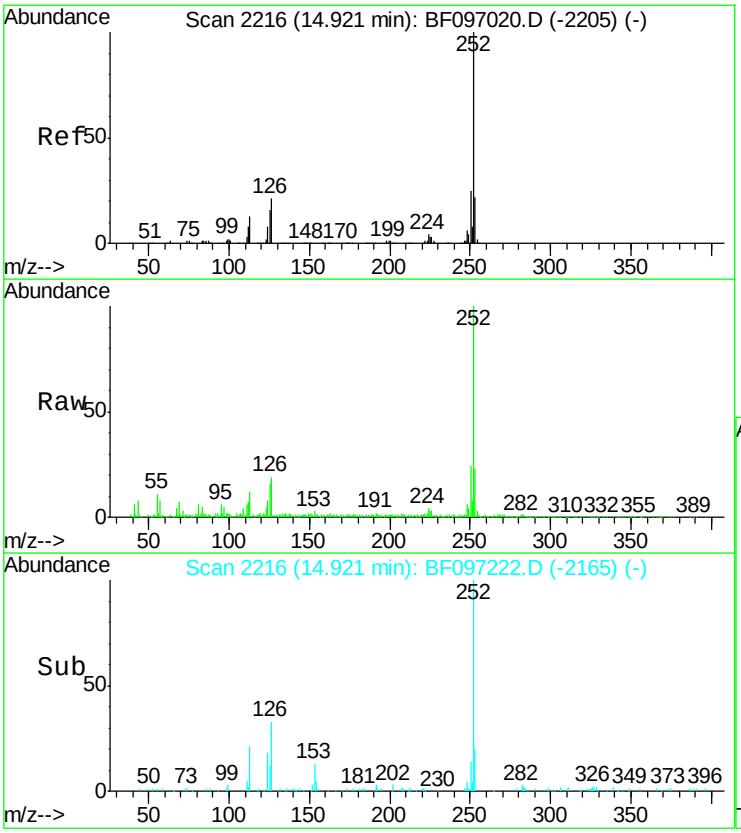
#88
Benzo(k)fluoranthene
Concen: 38.05 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.03 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
E2-L7-BASE

Tgt Ion:252 Resp: 349934

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	16.4	13.1	19.7

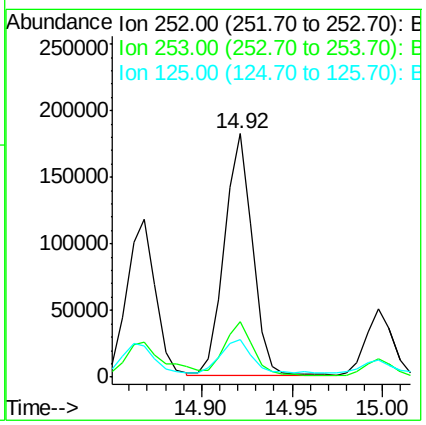


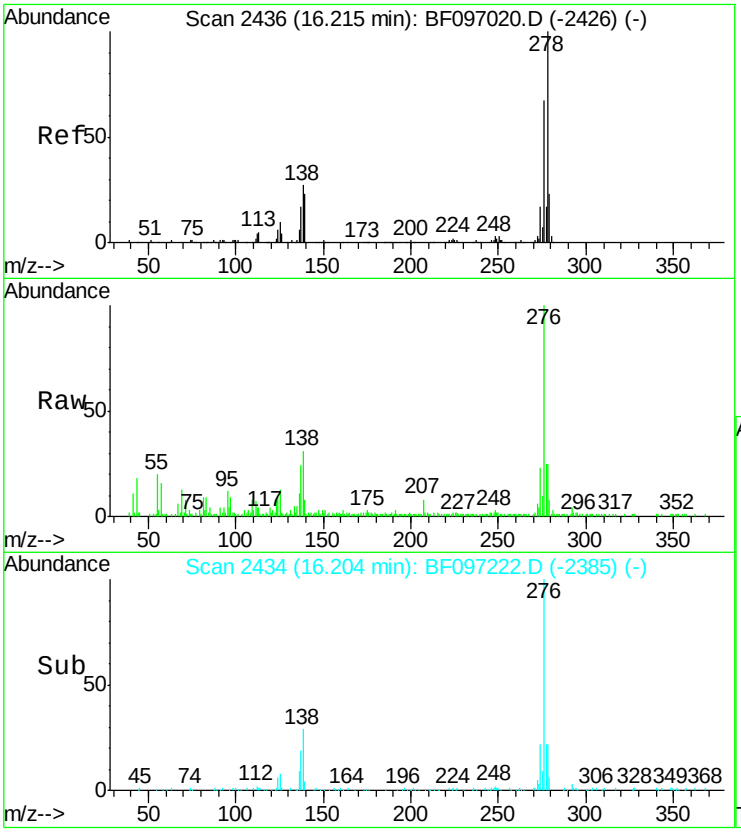


#89
Benzo(a)pyrene
Concen: 22.26 ng
RT: 14.92 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Tgt Ion:252 Resp: 196603

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	15.6	11.0	16.4



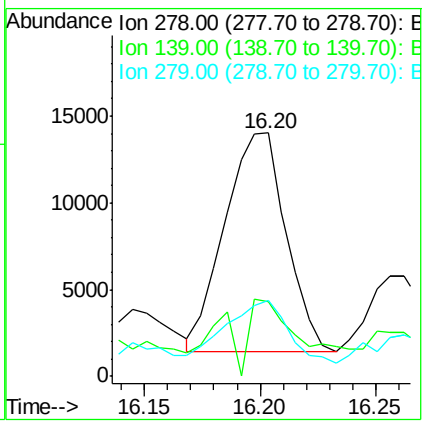


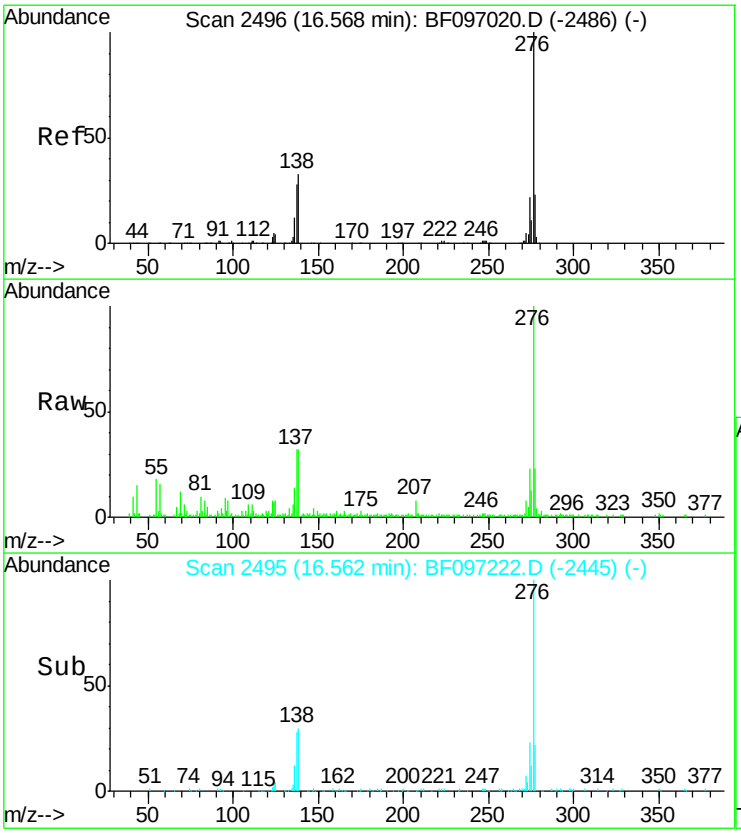
#90
Dibenzo(a,h)anthracene
Concen: 3.22 ng
RT: 16.20 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Instrument :
BNA_F
ClientSampleId :
E2-L7-BASE

Tgt Ion:278 Resp: 23335

Ion	Ratio	Lower	Upper
278	100		
139	30.7	16.6	24.8#
279	31.3	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 12.62 ng
RT: 16.56 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BF097222.D
Acq: 31 Jul 2017 21:51

Tgt Ion:276 Resp: 95852

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	28.0
138	32.1	25.4	38.0