Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097345.D
Acq On : 4 Aug 2017 4:32
Operator : SJ/JU
Sample : I4522-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 04 05:37:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 01:17:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	95778	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	369747	20.00	ng	-0.05
38) Acenaphthene-d10	9.47	164	151239	20.00	ng	-0.06
63) Phenanthrene-d10	10.95	188	220323	20.00	ng	-0.06
75) Chrysene-d12	13.58	240	131378	20.00	ng	-0.05
86) Perylene-d12	14.92	264	109518	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	668566	105.23	ng	-0.05
7) Phenol-d6	6.13	99	854722	117.84	ng	-0.04
23) Nitrobenzene-d5	7.02	82	457900	72.65	ng	-0.05
41) 2,4,6-Tribromophenol	10.26	330	118732	99.36	ng	-0.06
44) 2-Fluorobiphenyl	8.80	172	697464	78.26	ng	-0.06
78) Terphenyl-d14	12.53	244	475804	73.84	ng	-0.06
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.02	70	61521	12.886	ng	# 88
25) Isophorone	7.02	82	444115	35.980	ng	# 67
31) Naphthalene	7.75	128	194225	11.143	ng	98
33) 4-Chloroaniline	7.75	127	25654	3.617	ng	# 39
37) 2-Methylnaphthalene	8.44	142	57159	5.180	ng	98
48) Acenaphthylene	9.33	152	85772	5.878	ng	97
49) Dimethylphthalate	9.20	163	113340	9.869	ng	99
51) Acenaphthene	9.50	154	133352	15.516	ng	100
54) Dibenzofuran	9.67	168	109934	9.603	ng	99
55) 4-Nitrophenol	9.67	139	41286	22.962	ng	# 28
57) Fluorene	10.02	166	143405	16.667	ng	99
66) 4-Bromophenyl-phenylether	10.26	248	7228	3.287	ng	# 1
70) Phenanthrene	10.97	178	1199380	101.599	ng	99
71) Anthracene	11.02	178	410945	33.988	ng	99
72) Carbazole	11.18	167	198132	16.662	ng	98
74) Fluoranthene	12.17	202	1650541	142.721	ng	99
77) Pyrene	12.39	202	1453385	135.130	ng	99
80) Benzo(a)anthracene	13.57	228	814446	95.809	ng	98
82) Chrysene	13.60	228	651970	78.544	ng	98
85) Indeno(1,2,3-cd)pyrene	16.13	276	282072	39.630	ng	94
87) Benzo(b)fluoranthene	14.57	252	979179	148.735	ng	98
88) Benzo(k)fluoranthene	14.57	252	979179	156.085	ng	98
89) Benzo(a)pyrene	14.87	252	493148	81.847	ng	96
90) Dibenzo(a,h)anthracene	16.13	278	77410	15.667	ng	91
91) Benzo(g,h,i)perylene	16.49	276	262012	50.567	ng	98

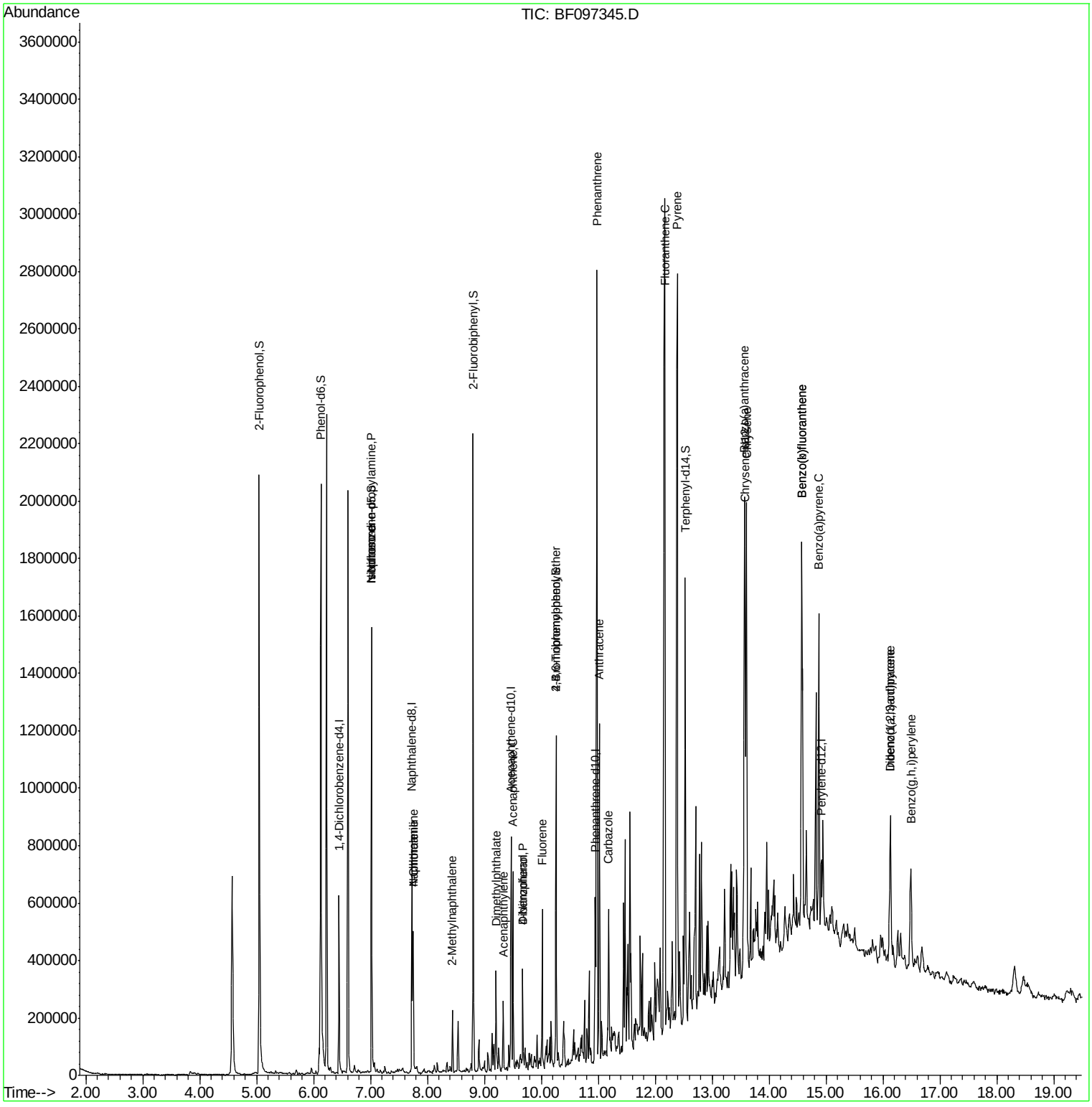
(#) = qualifier out of range (m) = manual integration (+) = signals summed

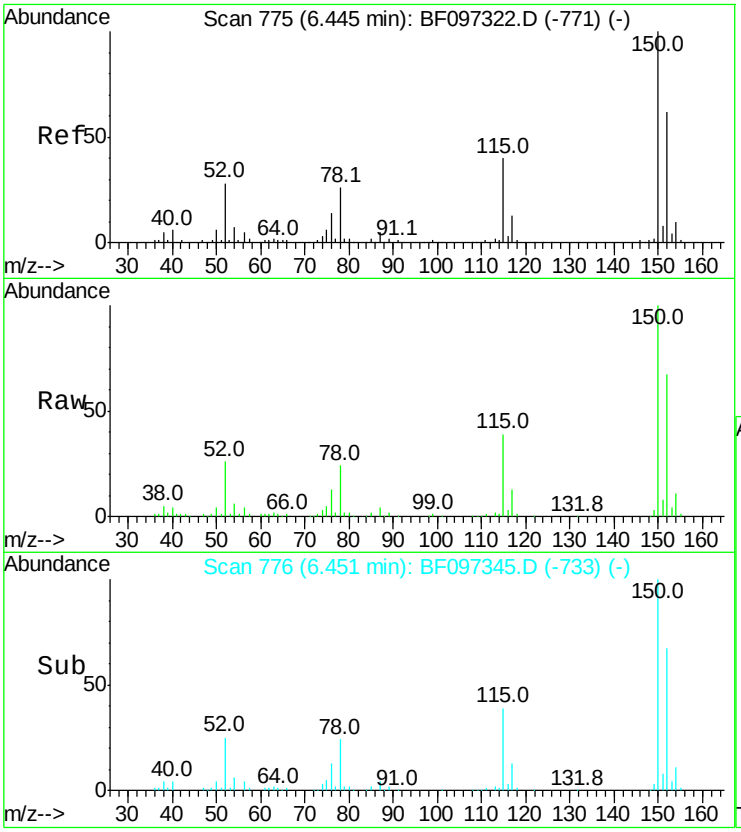
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097345.D
Acq On : 4 Aug 2017 4:32
Operator : SJ/JU
Sample : I4522-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 04 05:37:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 01:17:22 2017
Response via : Initial Calibration



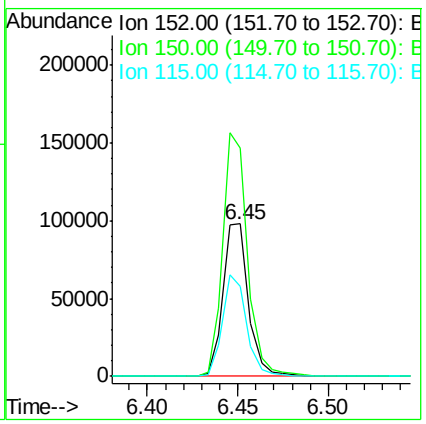


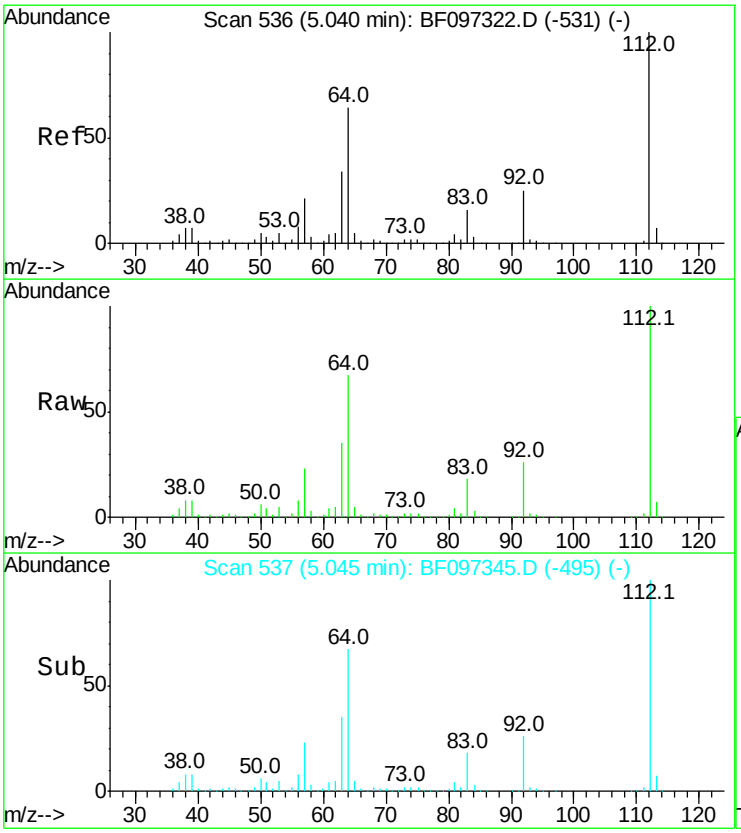
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 95778

Ion	Ratio	Lower	Upper
152	100		
150	149.9	126.2	189.2
115	58.8	52.2	78.2

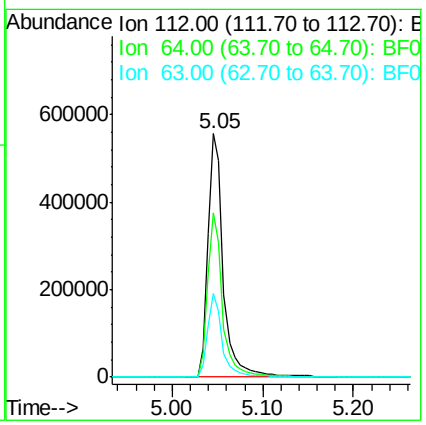


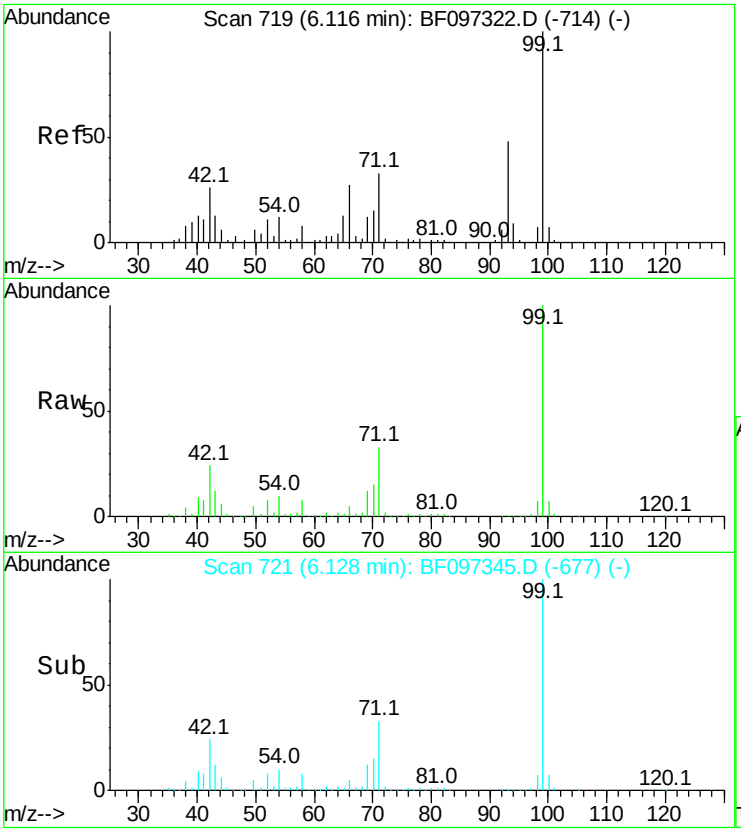


#5
2-Fluorophenol
Concen: 105.228 ng
RT: 5.05 min Scan# 537
Delta R.T. -0.05 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Tgt Ion:112 Resp: 668566

Ion	Ratio	Lower	Upper
112	100		
64	67.4	46.0	69.0
63	34.5	23.4	35.0



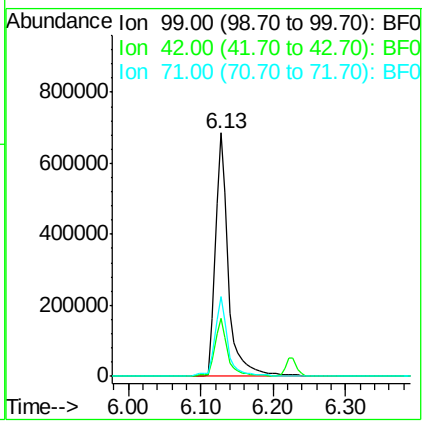


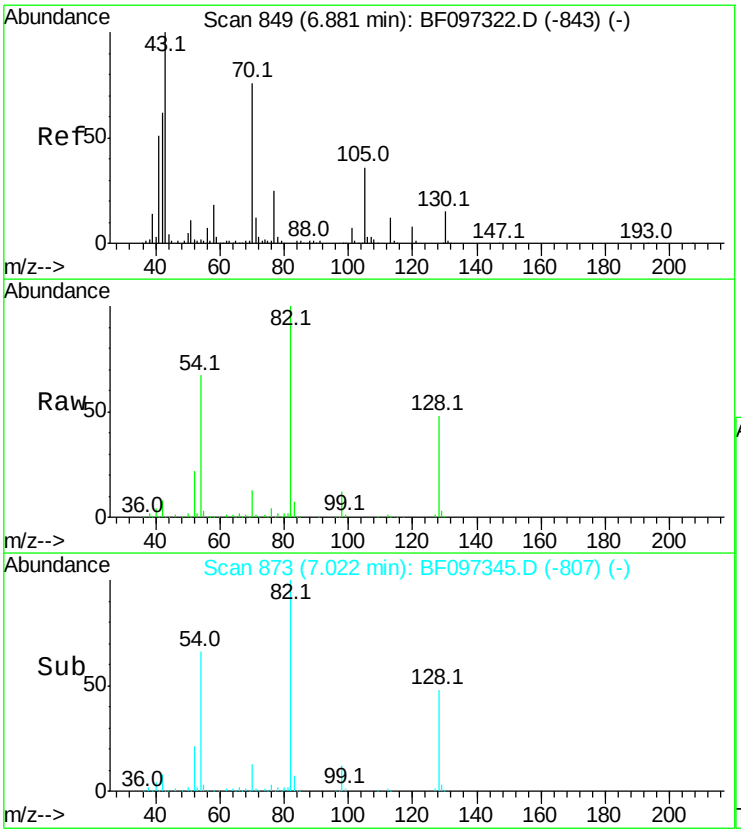
#7
Phenol-d6
Concen: 117.840 ng
RT: 6.13 min Scan# 721
Delta R.T. -0.04 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 854722

Ion	Ratio	Lower	Upper
99	100		
42	24.0	13.5	20.3#
71	32.9	24.5	36.7

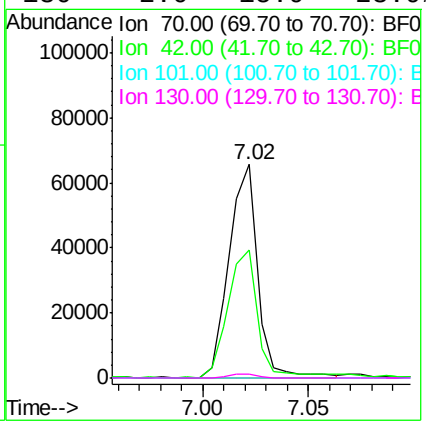


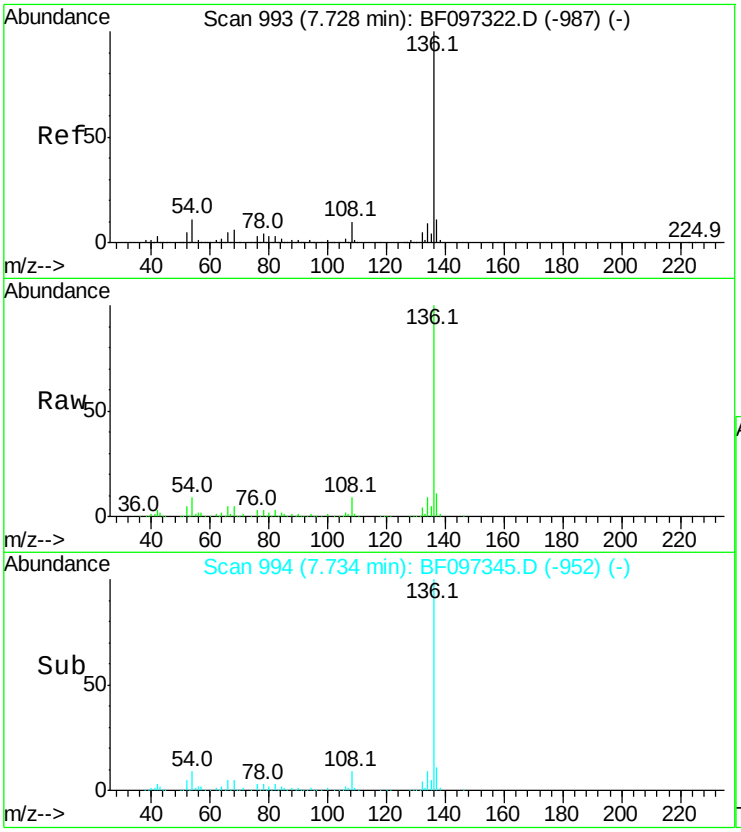


#19
n-Nitroso-di-n-propylamine
Concen: 12.886 ng
RT: 7.02 min Scan# 873
Delta R.T. 0.09 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Tgt Ion: 70 Resp: 61521

Ion	Ratio	Lower	Upper
70	100		
42	59.9	47.2	70.8
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#



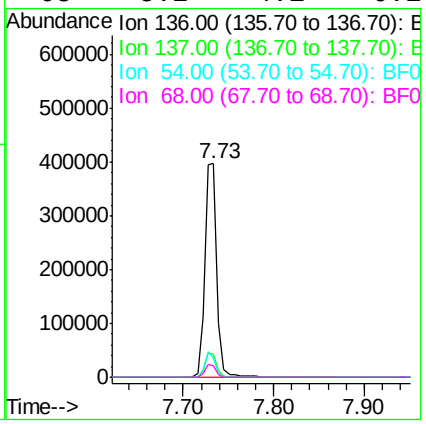


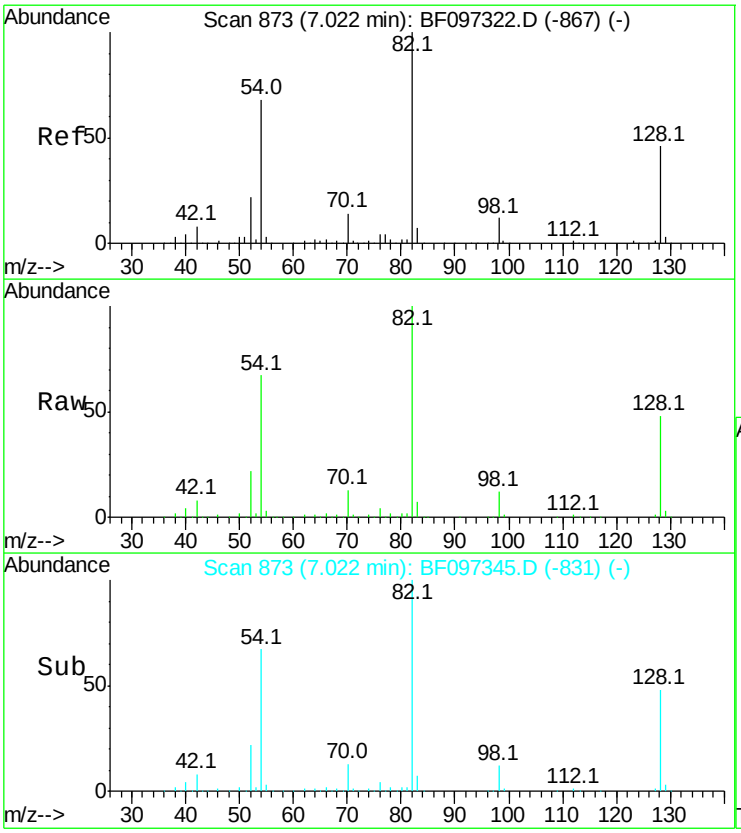
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.73 min Scan# 994
Delta R.T. -0.05 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 369747

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	9.1	4.9	7.3#
68	5.2	4.1	6.1

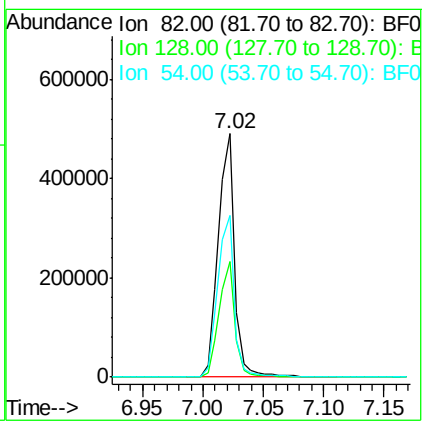


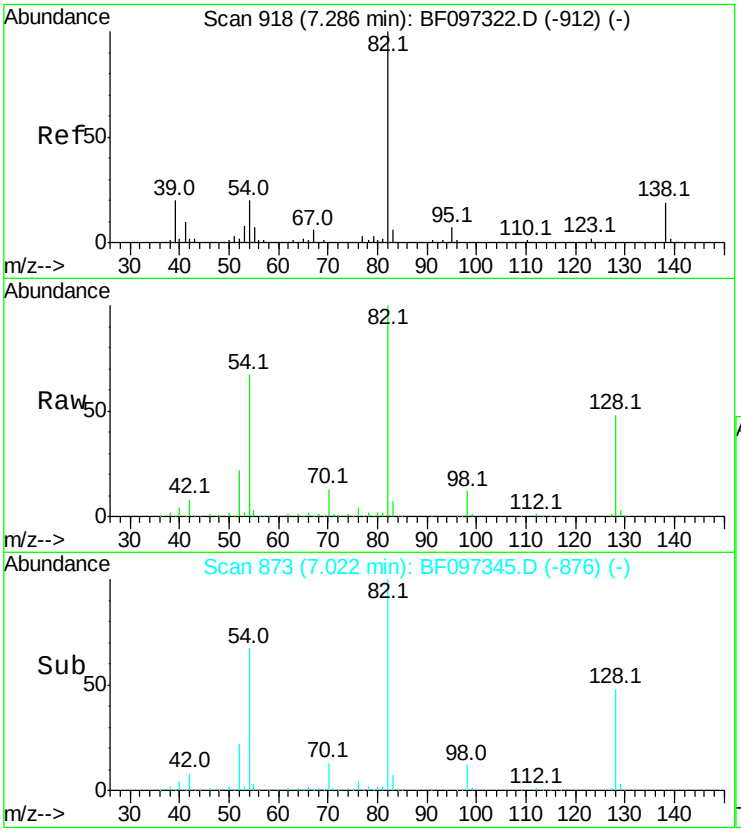


#23
Nitrobenzene-d5
Concen: 72.650 ng
RT: 7.02 min Scan# 873
Delta R.T. -0.05 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Tgt Ion: 82 Resp: 457900

Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.0	51.0
54	66.5	42.2	63.2#



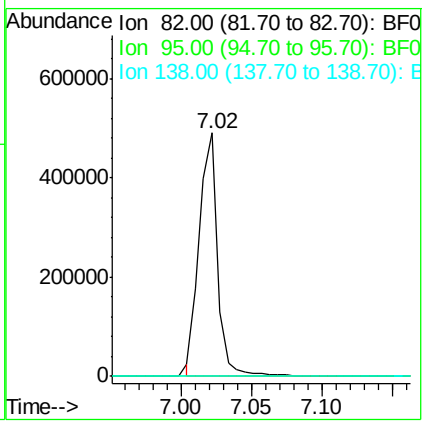


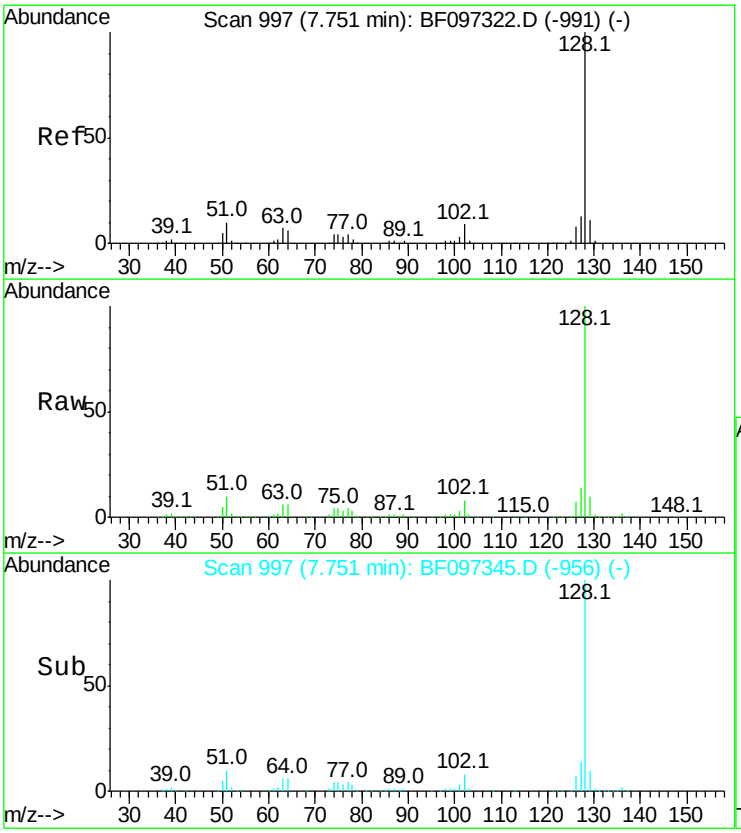
#25
Isophorone
Concen: 35.980 ng
RT: 7.02 min Scan# 873
Delta R.T. -0.32 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 444115

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

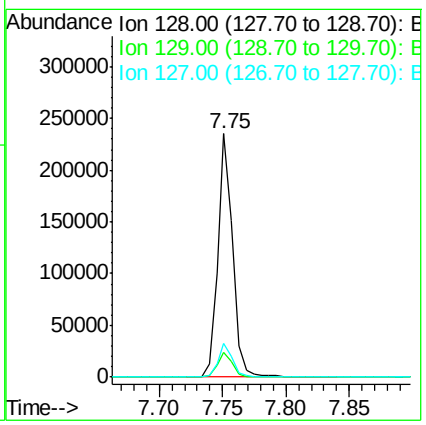


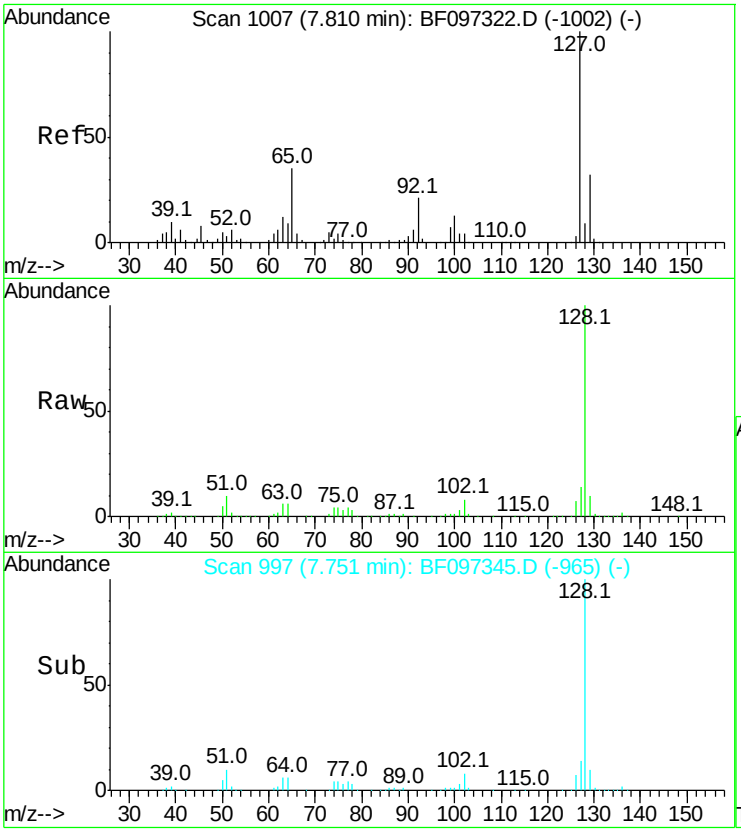


#31
Naphthalene
Concen: 11.143 ng
RT: 7.75 min Scan# 997
Delta R.T. -0.06 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Tgt Ion:128 Resp: 194225

Ion	Ratio	Lower	Upper
128	100		
129	10.1	9.0	13.6
127	13.7	10.8	16.2



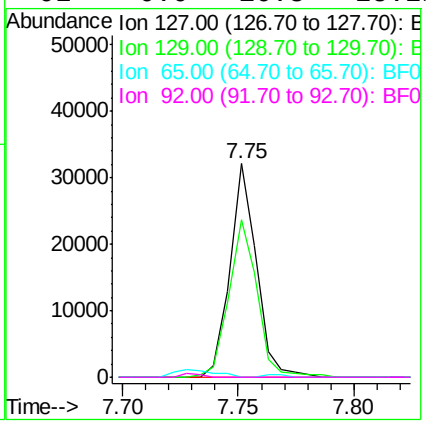


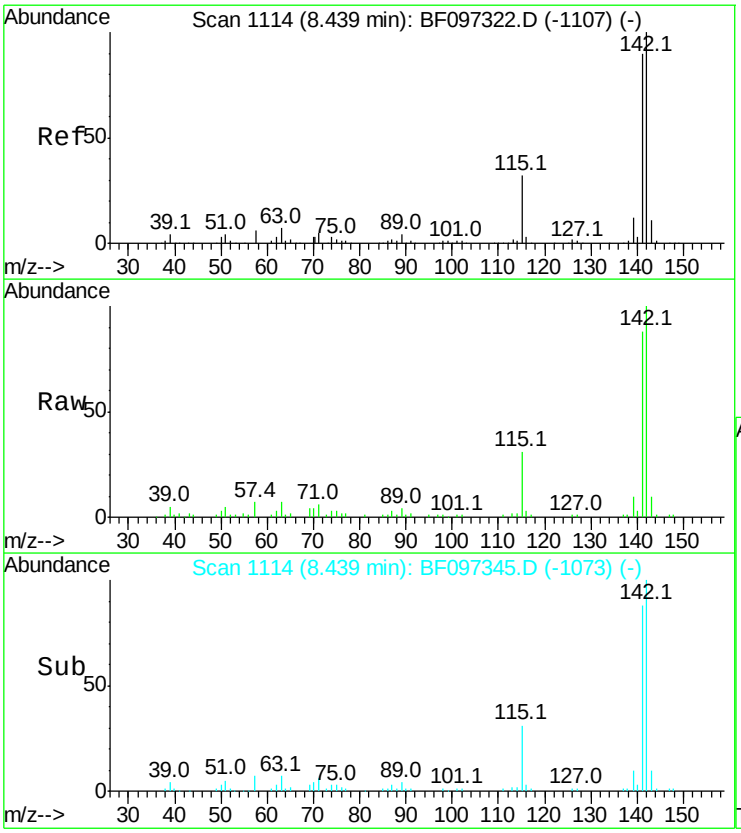
#33
4-Chloroaniline
Concen: 3.617 ng
RT: 7.75 min Scan# 997
Delta R.T. -0.11 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 25654

Ion	Ratio	Lower	Upper
127	100		
129	73.8	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

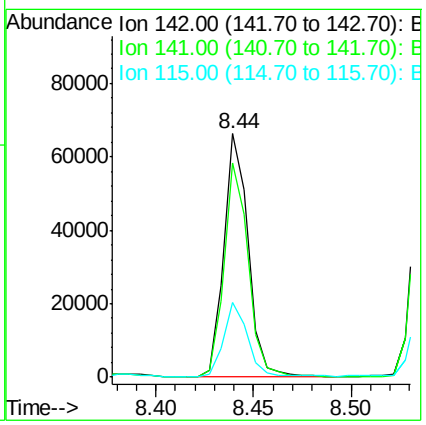


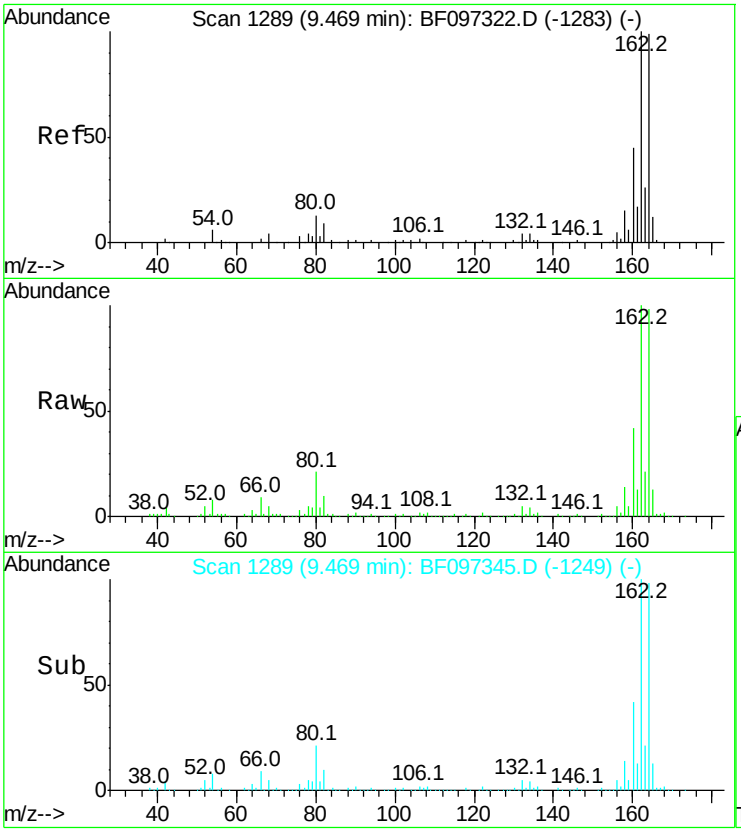


#37
2-Methylnaphthalene
Concen: 5.180 ng
RT: 8.44 min Scan# 1114
Delta R.T. -0.06 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Tgt Ion:142 Resp: 57159

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.3	106.9
115	30.9	27.1	40.7



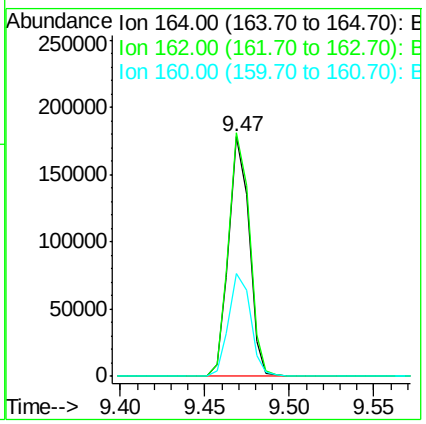


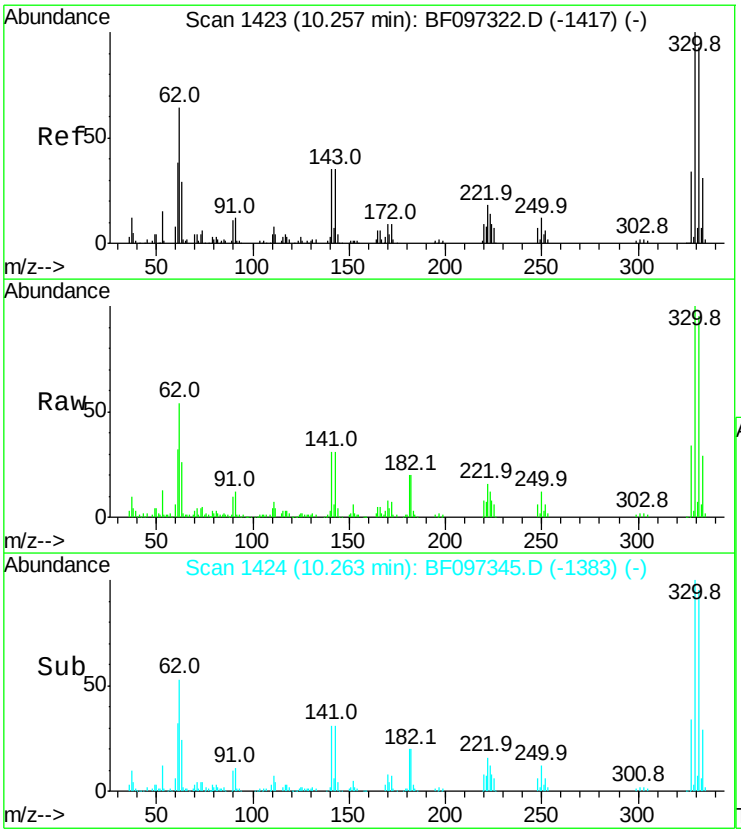
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.47 min Scan# 1289
Delta R.T. -0.06 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 151239

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	123.8
160	43.1	36.2	54.2

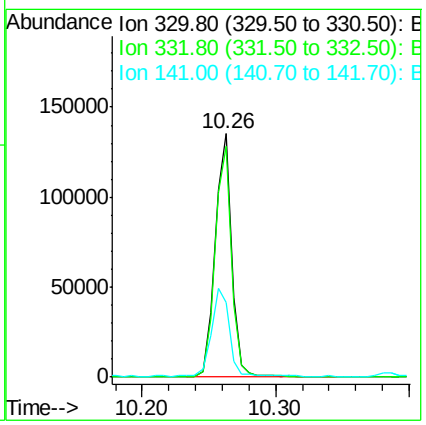


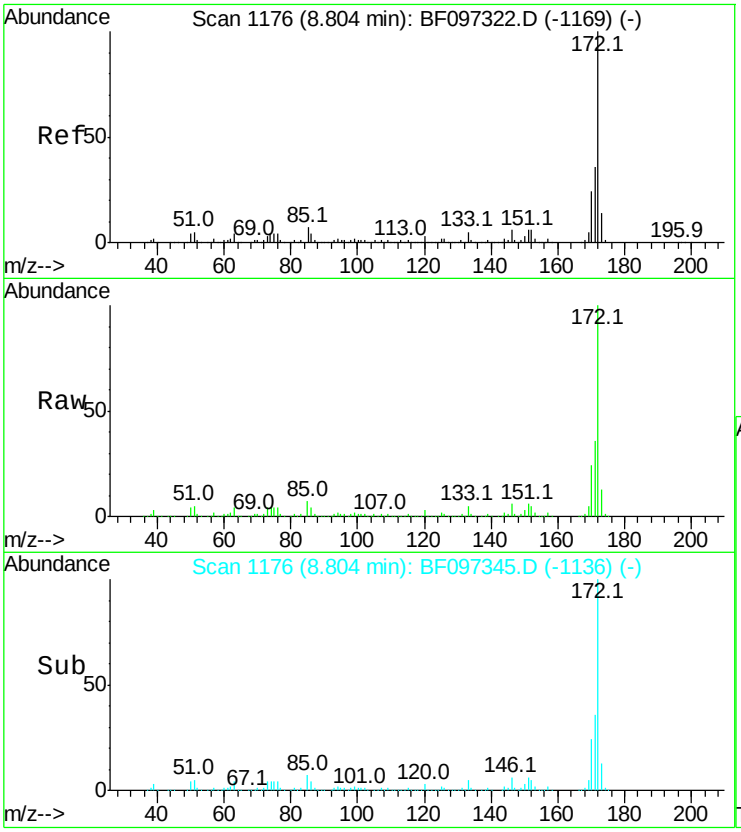


#41
2,4,6-Tribromophenol
Concen: 99.363 ng
RT: 10.26 min Scan# 1424
Delta R.T. -0.06 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Tgt Ion:330 Resp: 118732

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	115.0
141	39.6	31.4	47.2



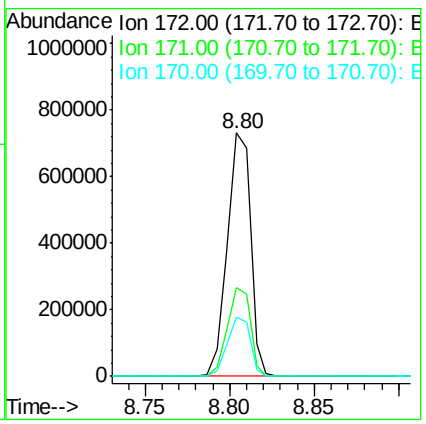


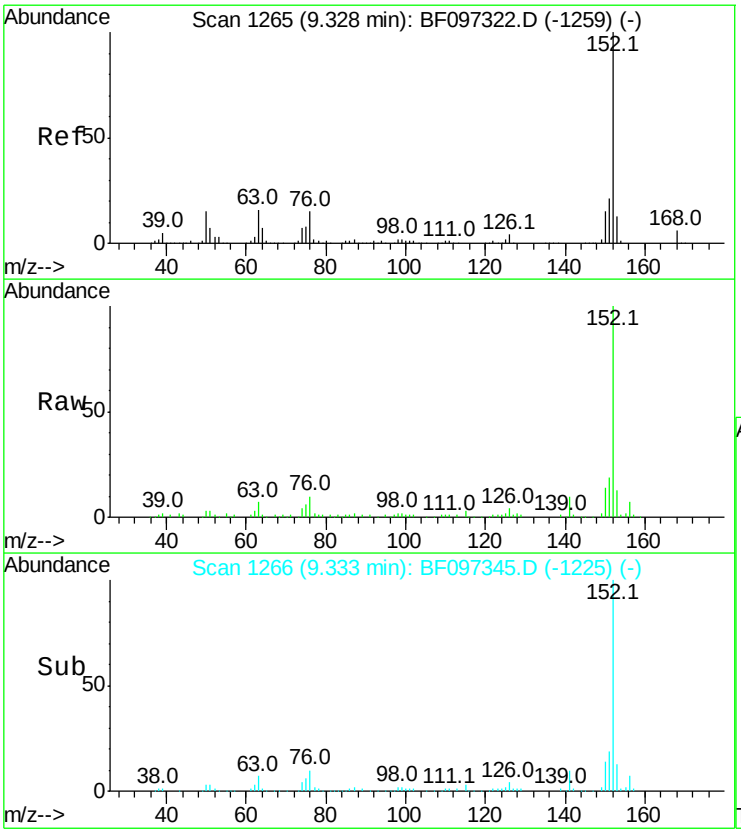
#44
2-Fluorobiphenyl
Concen: 78.264 ng
RT: 8.80 min Scan# 1176
Delta R.T. -0.06 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 697464

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.3	19.8	29.8

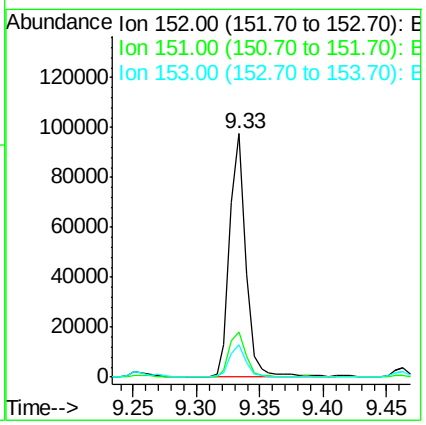


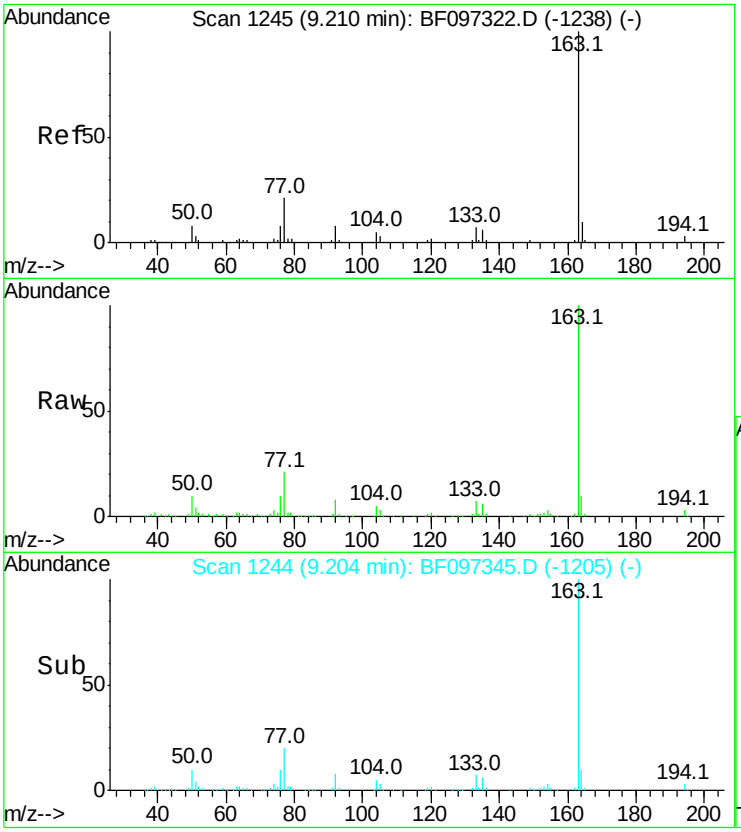


#48
Acenaphthylene
Concen: 5.878 ng
RT: 9.33 min Scan# 1266
Delta R.T. -0.06 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Tgt Ion:152 Resp: 85772

Ion	Ratio	Lower	Upper
152	100		
151	18.6	16.8	25.2
153	13.5	10.8	16.2

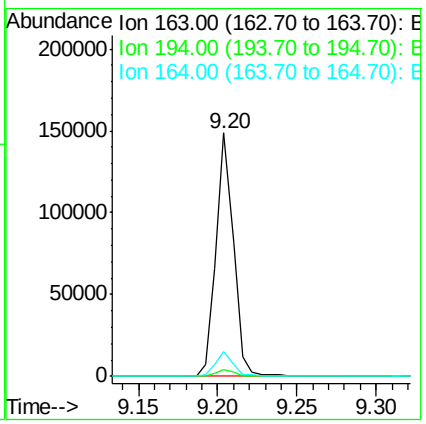




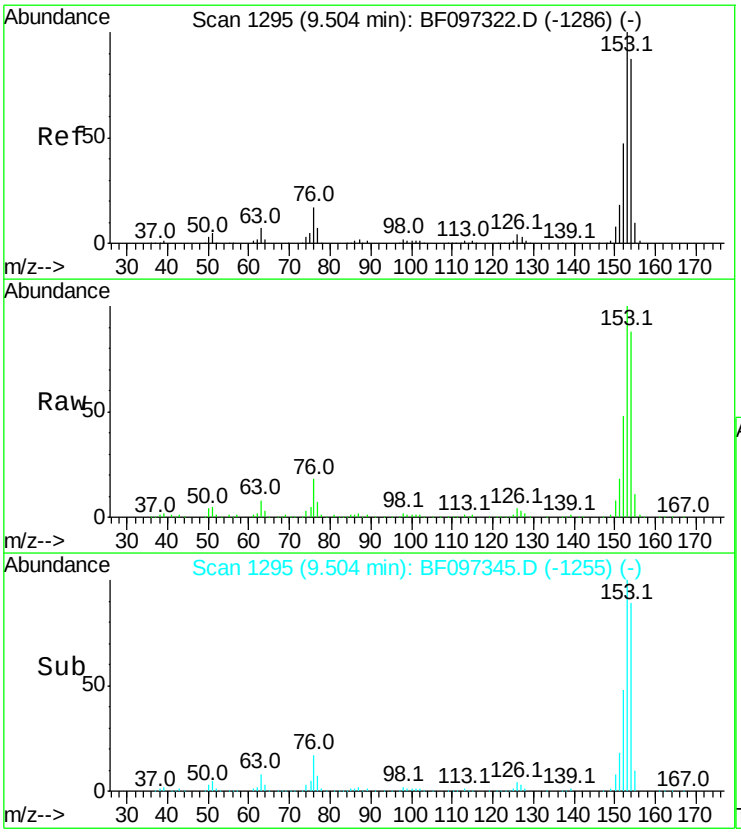
#49
Dimethylphthalate
Concen: 9.869 ng
RT: 9.20 min Scan# 1244
Delta R.T. -0.07 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Tgt Ion:163 Resp: 113340

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	10.1	8.4	12.6



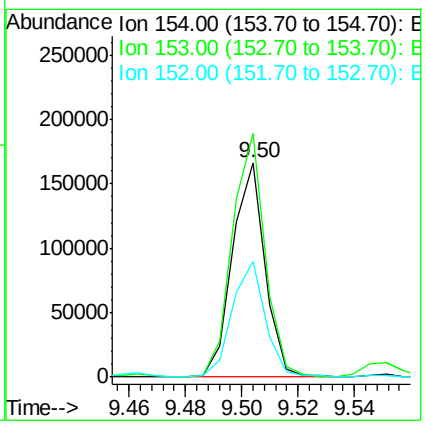
Instrument :
BNA_F
ClientSampleId :

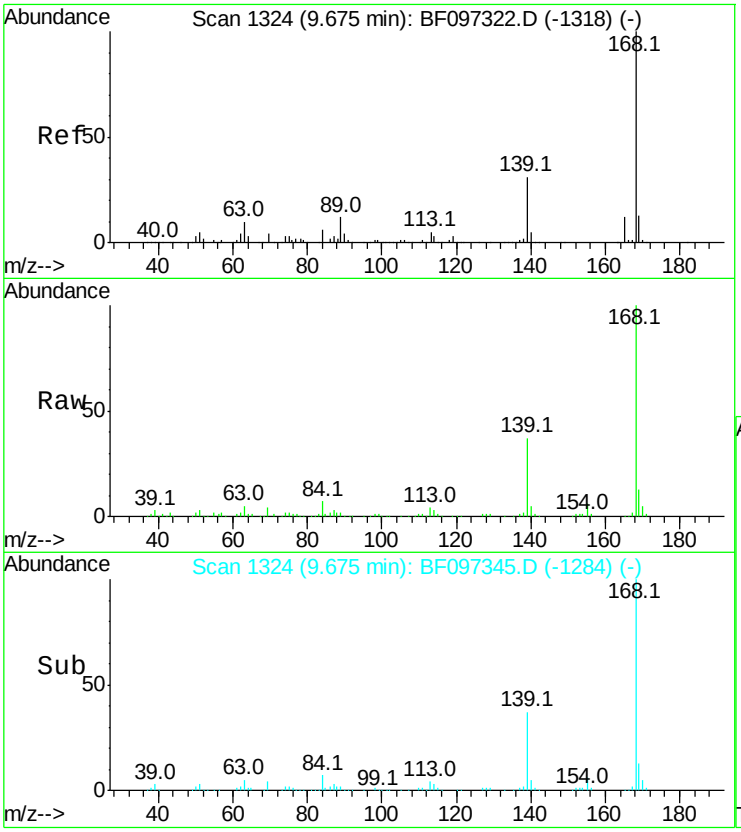


#51
Acenaphthene
Concen: 15.516 ng
RT: 9.50 min Scan# 1295
Delta R.T. -0.06 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Tgt Ion:154 Resp: 133352

Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.5	135.7
152	54.0	43.6	65.4



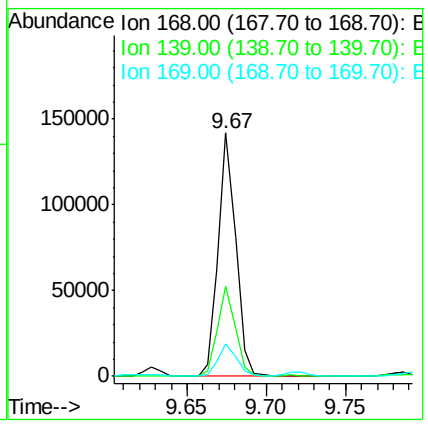


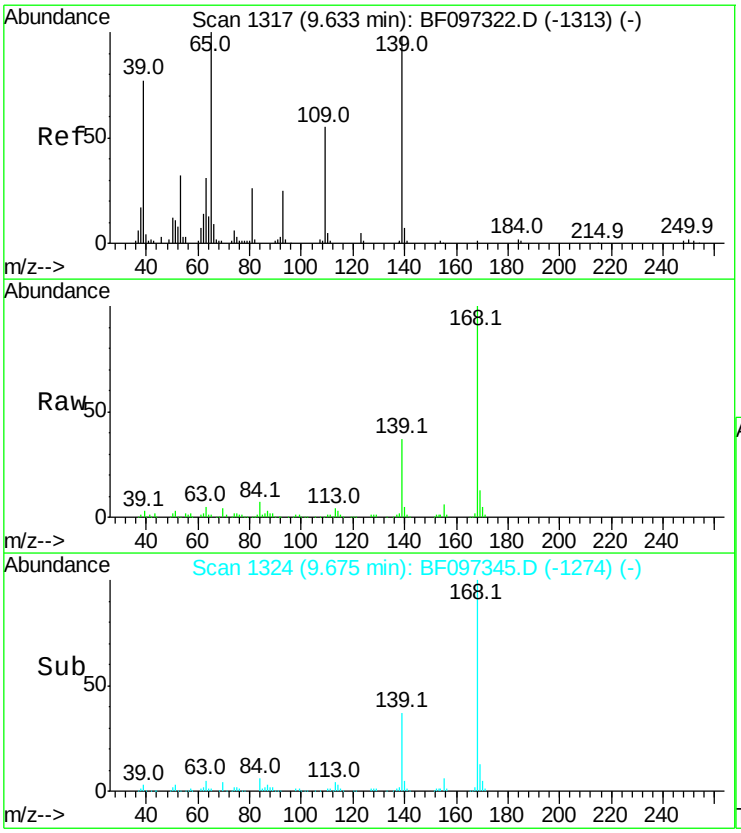
#54
Dibenzofuran
Concen: 9.603 ng
RT: 9.67 min Scan# 1324
Delta R.T. -0.06 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 109934

Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.6	45.8
169	13.4	10.8	16.2

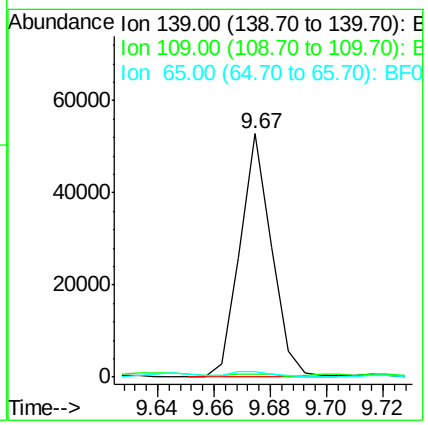


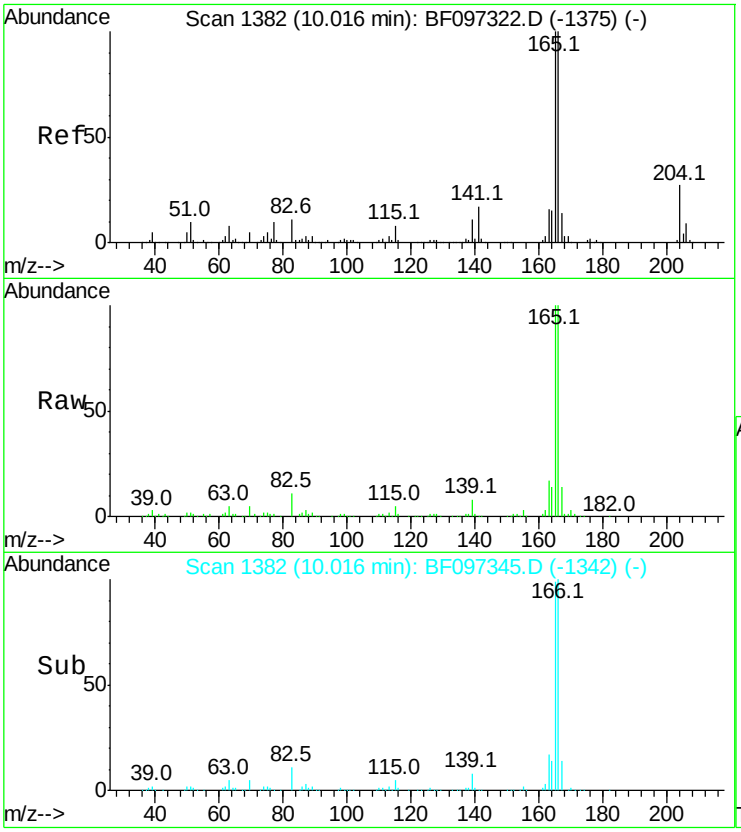


#55
4-Nitrophenol
Concen: 22.962 ng
RT: 9.67 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Tgt Ion:139 Resp: 41286

Ion	Ratio	Lower	Upper
139	100		
109	1.0	34.1	74.1#
65	2.1	31.4	71.4#



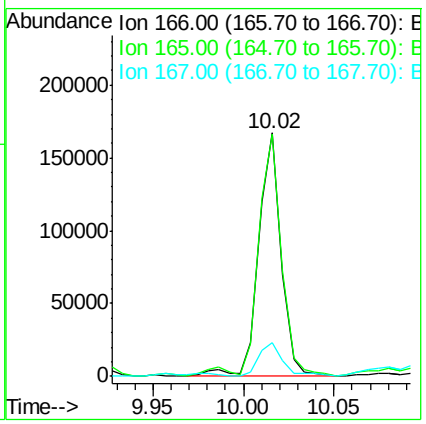


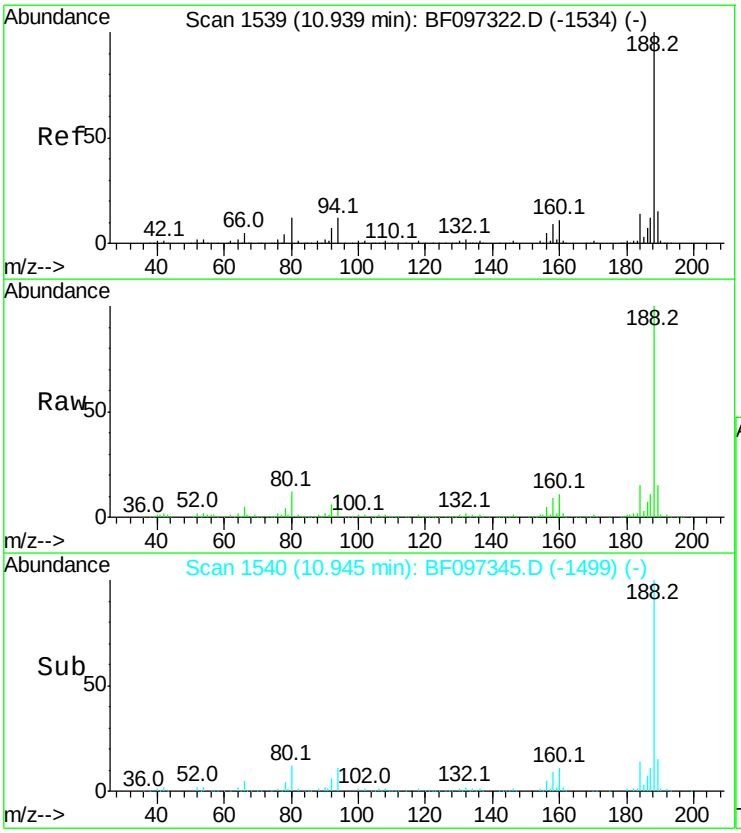
#57
Fluorene
Concen: 16.667 ng
RT: 10.02 min Scan# 1382
Delta R.T. -0.06 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 143405

Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.8	118.2
167	14.0	10.6	16.0

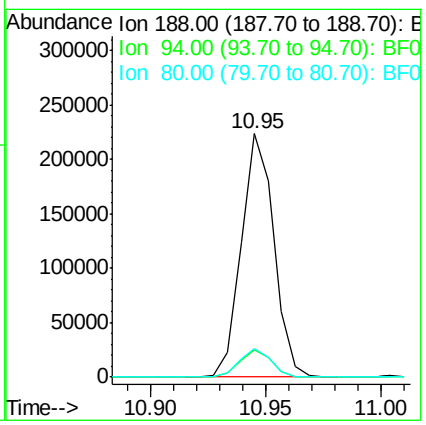


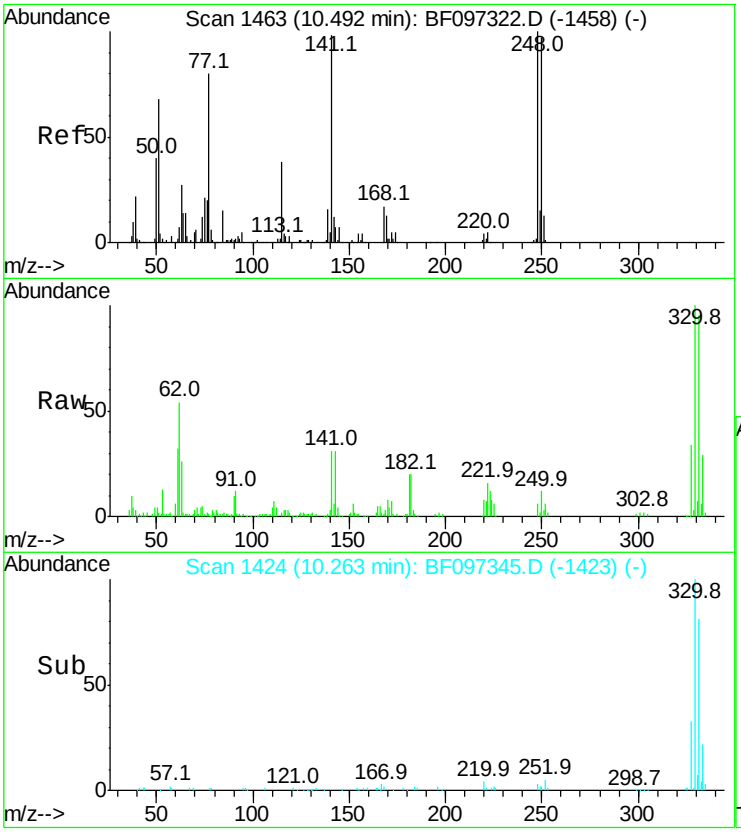


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.95 min Scan# 1540
Delta R.T. -0.06 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Tgt Ion:188 Resp: 220323

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.4	14.2
80	11.5	10.2	15.2



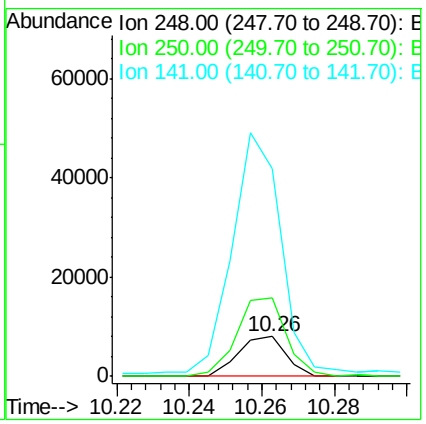


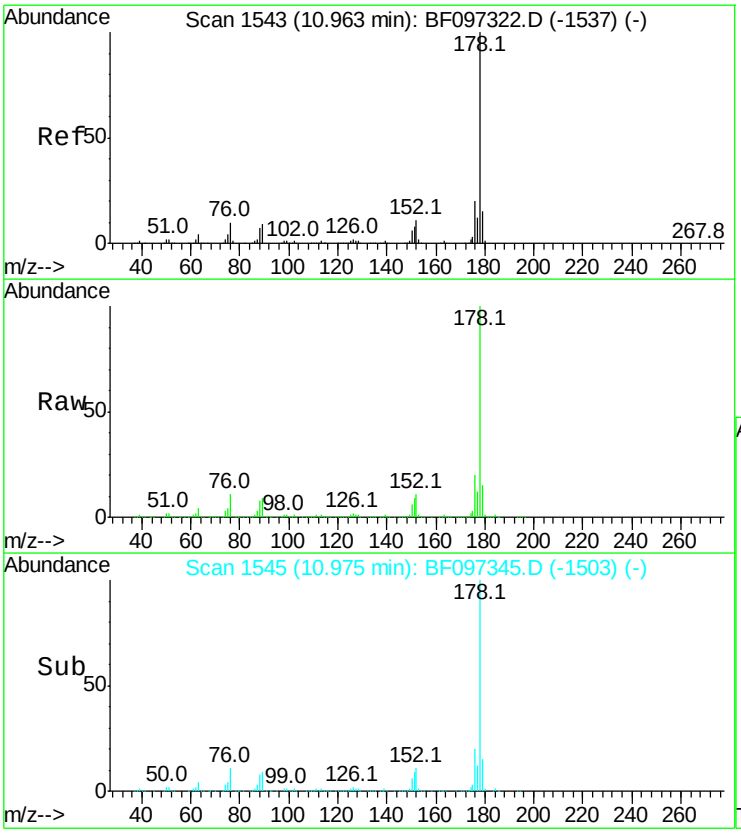
#66
4-Bromophenyl-phenylether
Concen: 3.287 ng
RT: 10.26 min Scan# 1424
Delta R.T. -0.29 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 7228

Ion	Ratio	Lower	Upper
248	100		
250	197.2	76.8	115.2#
141	518.9	68.6	103.0#

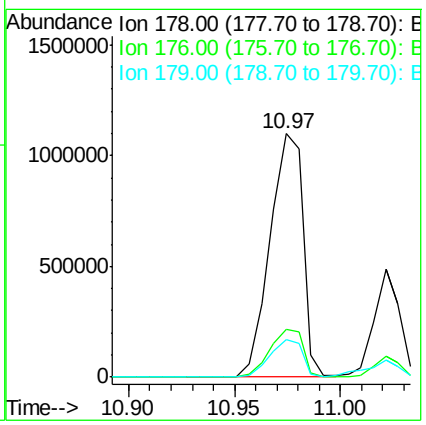


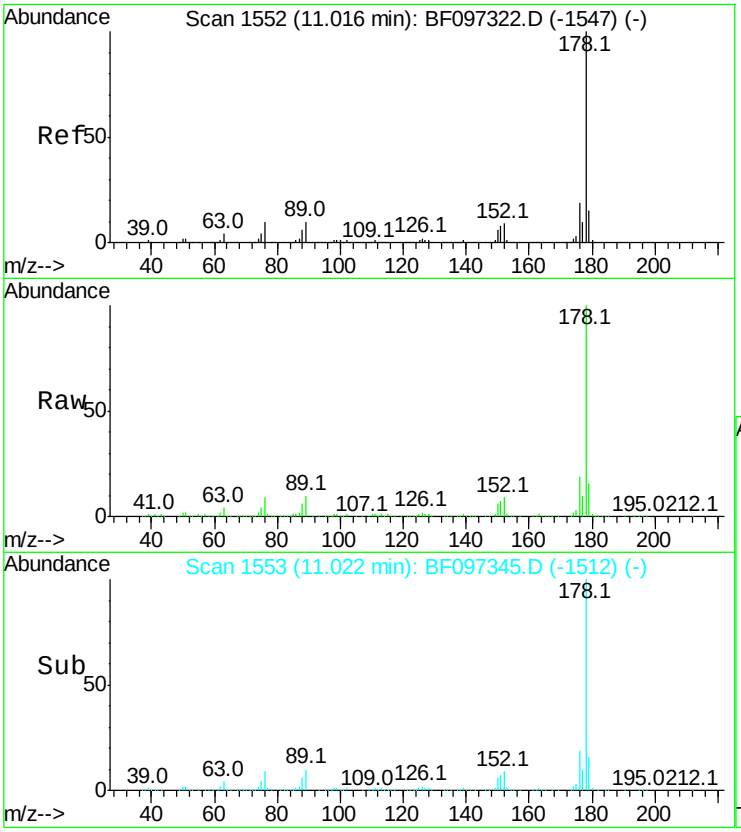


#70
Phenanthrene
Concen: 101.599 ng
RT: 10.97 min Scan# 1545
Delta R.T. -0.05 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Tgt Ion:178 Resp: 1199380

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	15.2	12.6	19.0



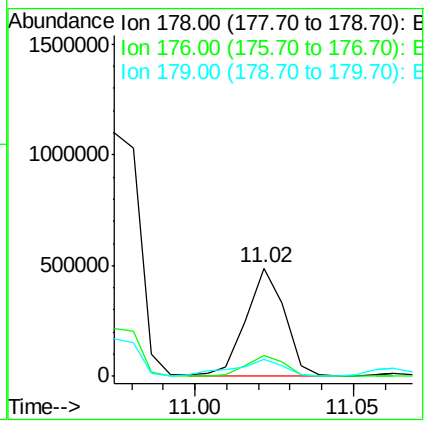


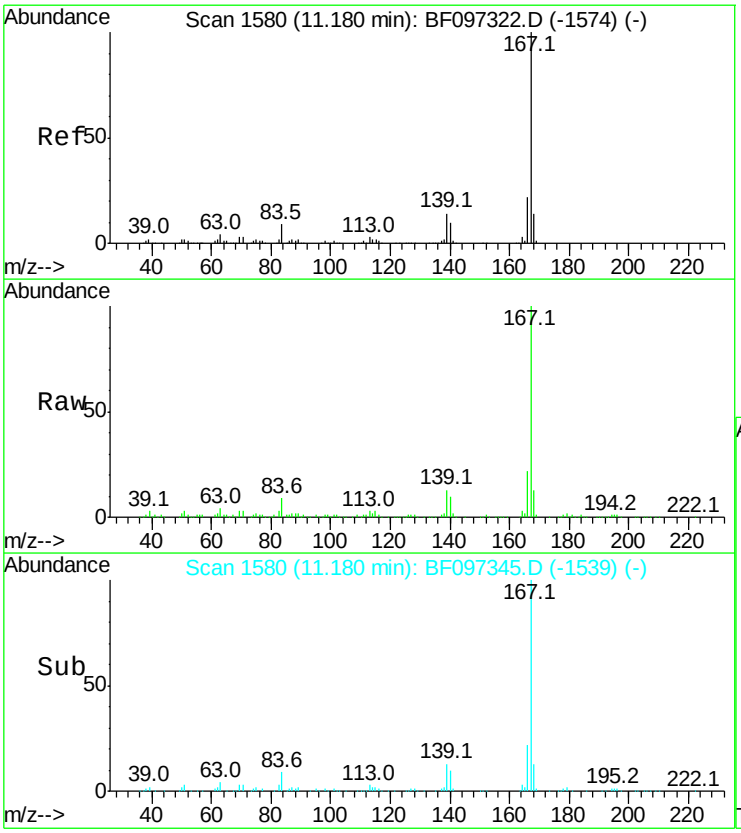
#71
Anthracene
Concen: 33.988 ng
RT: 11.02 min Scan# 1553
Delta R.T. -0.06 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 410945

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

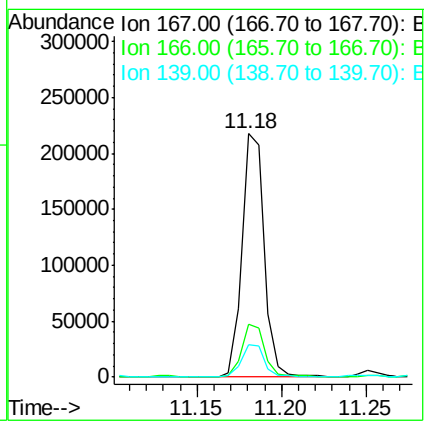


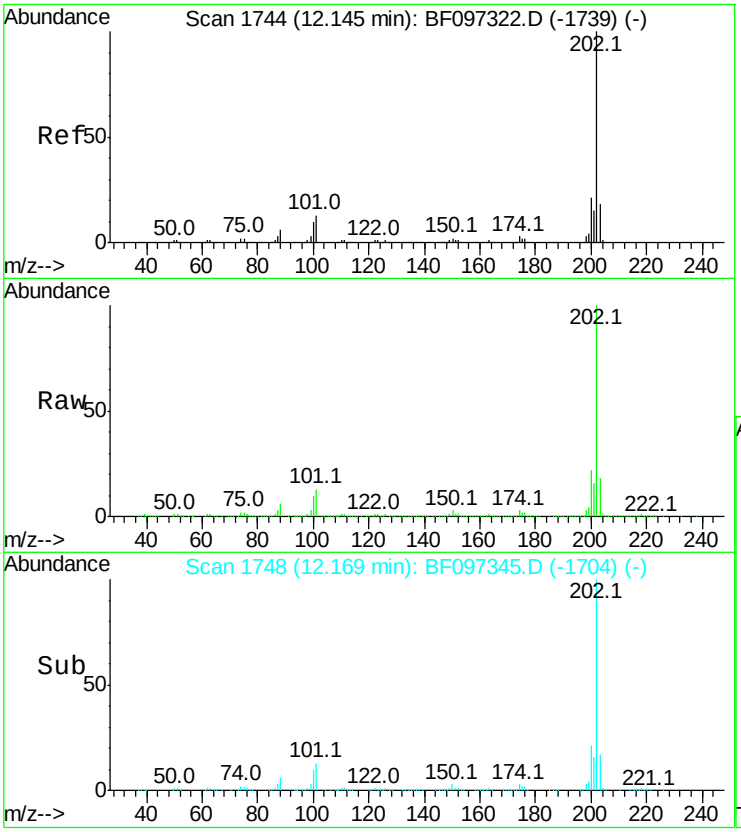


#72
Carbazole
Concen: 16.662 ng
RT: 11.18 min Scan# 1580
Delta R.T. -0.06 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Tgt Ion:167 Resp: 198132

Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.1	27.1
139	13.1	11.7	17.5



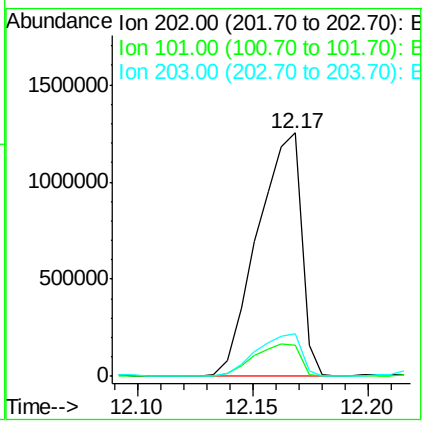


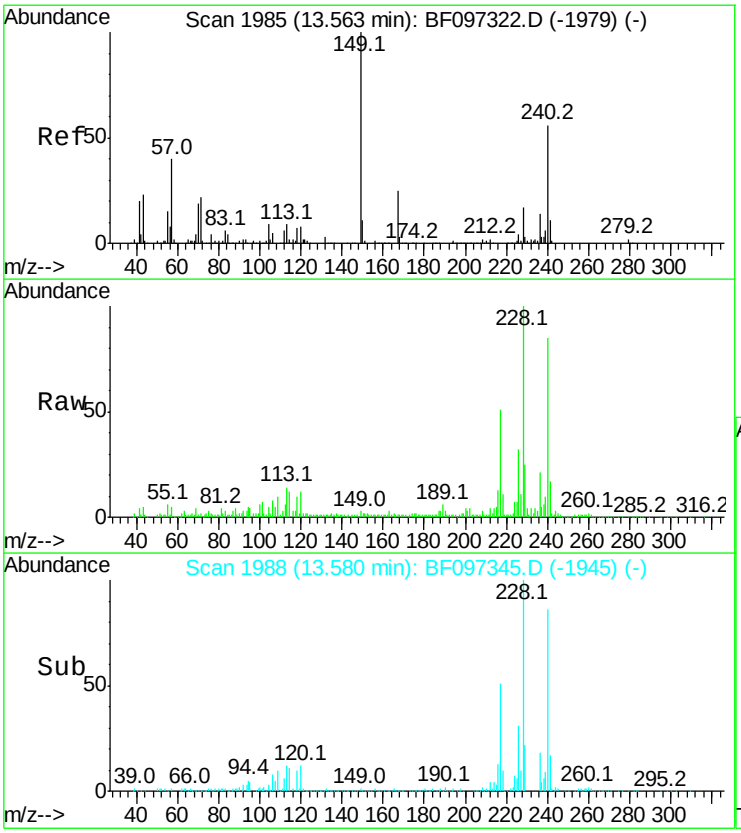
#74
Fluoranthene
Concen: 142.721 ng
RT: 12.17 min Scan# 1748
Delta R.T. -0.04 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1650541

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	17.6	0.0	38.1

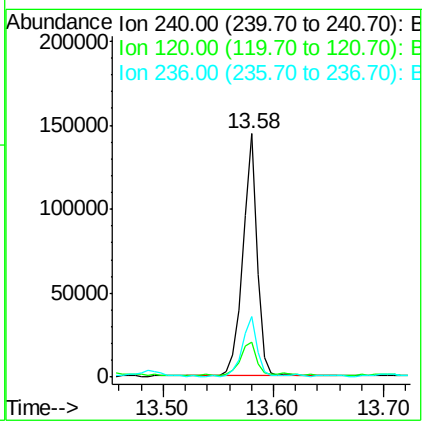


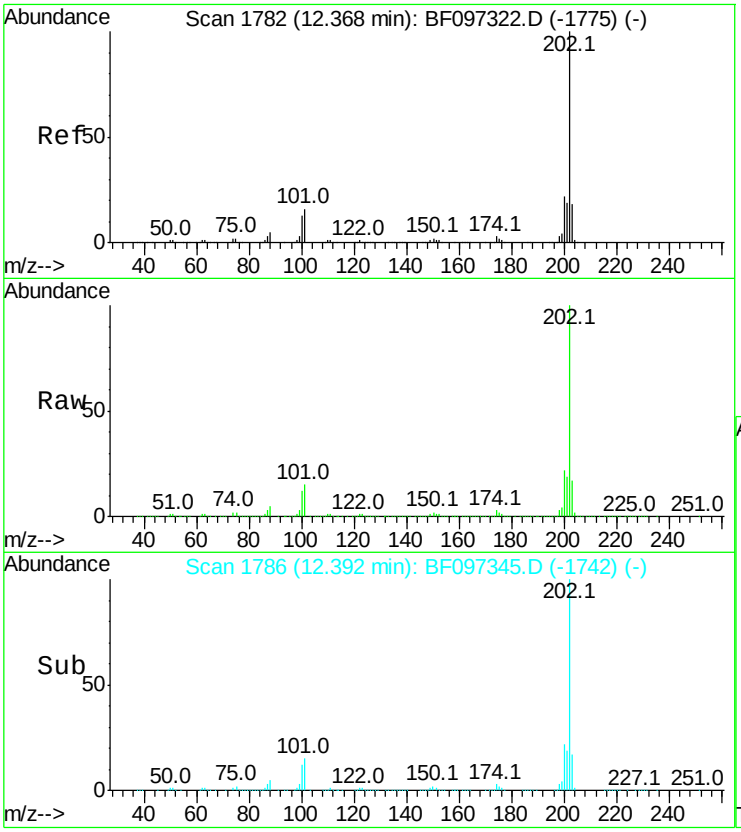


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.58 min Scan# 1988
Delta R.T. -0.05 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Tgt Ion:240 Resp: 131378

Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	24.9	20.5	30.7



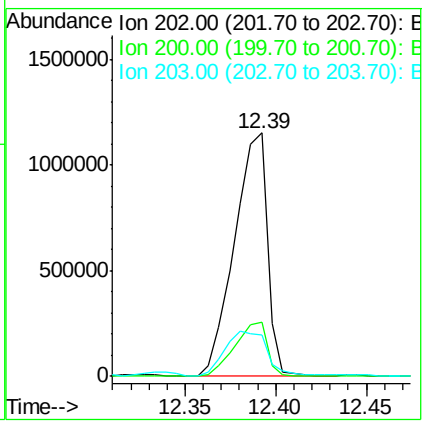


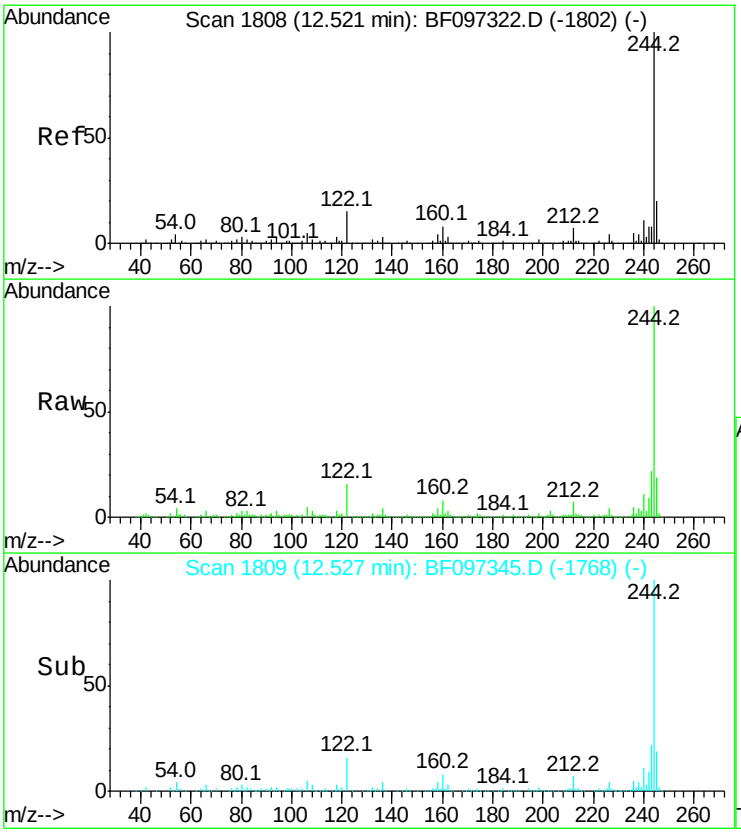
#77
Pyrene
Concen: 135.130 ng
RT: 12.39 min Scan# 1786
Delta R.T. -0.04 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1453385

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.6	26.4
203	17.0	14.4	21.6

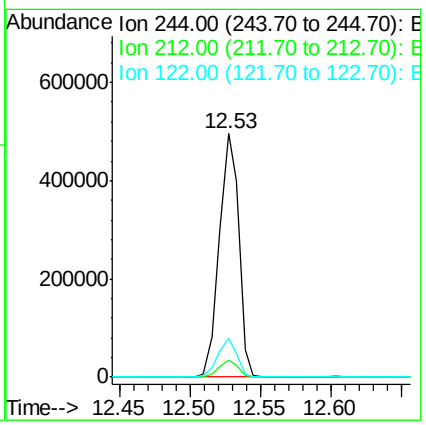


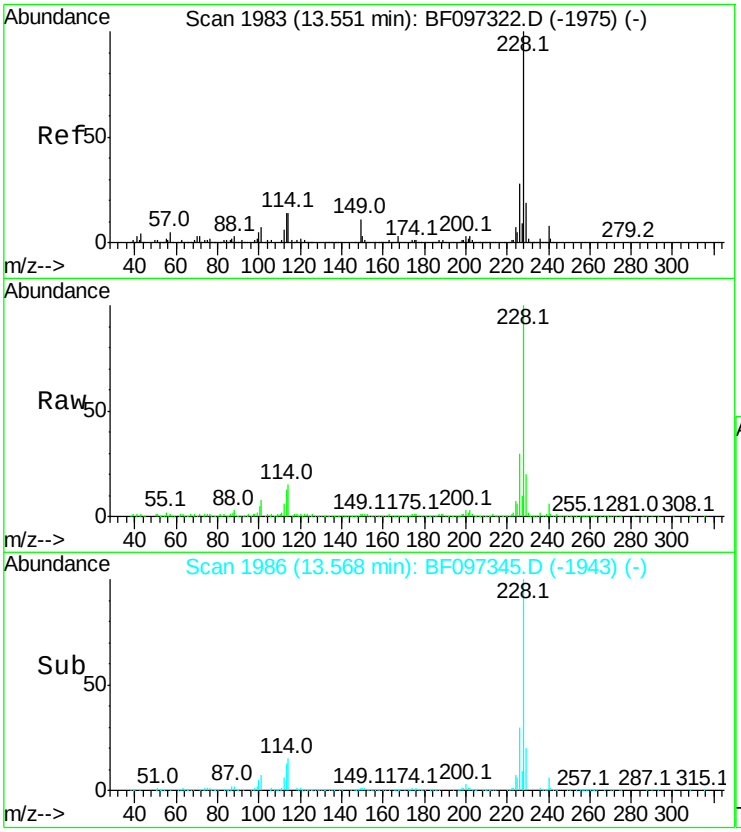


#78
Terphenyl-d14
Concen: 73.840 ng
RT: 12.53 min Scan# 1809
Delta R.T. -0.06 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Tgt Ion:244 Resp: 475804

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	15.8	10.3	15.5#



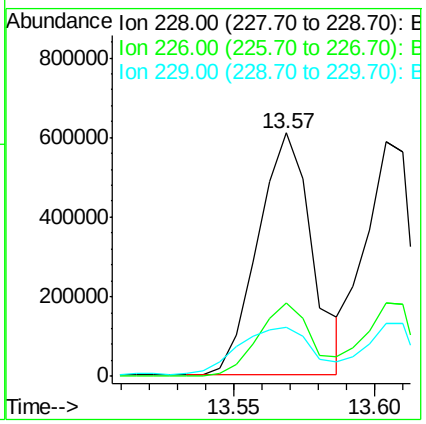


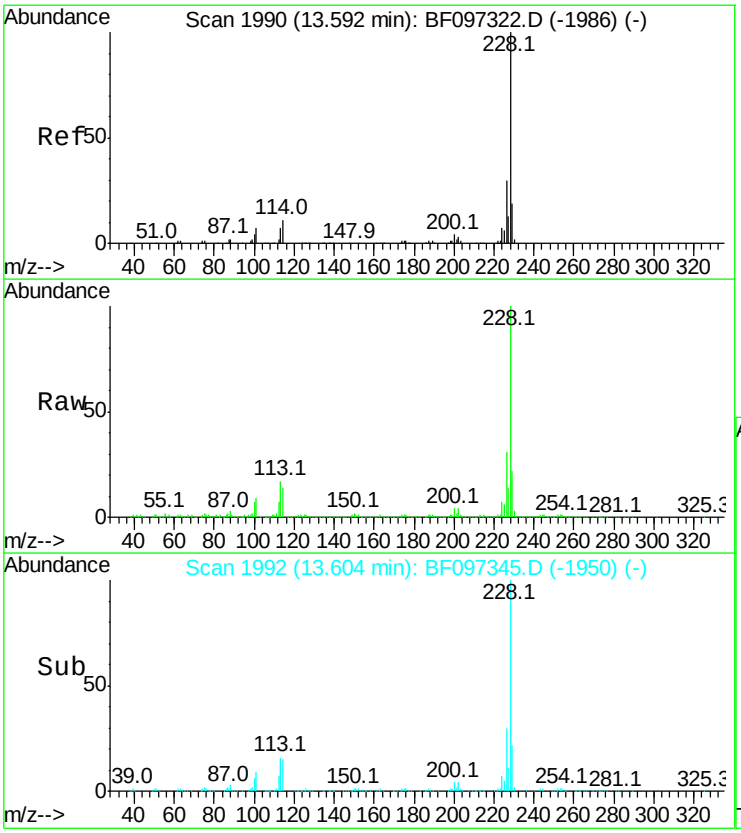
#80
Benzo(a)anthracene
Concen: 95.809 ng
RT: 13.57 min Scan# 1986
Delta R.T. -0.05 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 814446

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	33.8
229	20.4	16.3	24.5

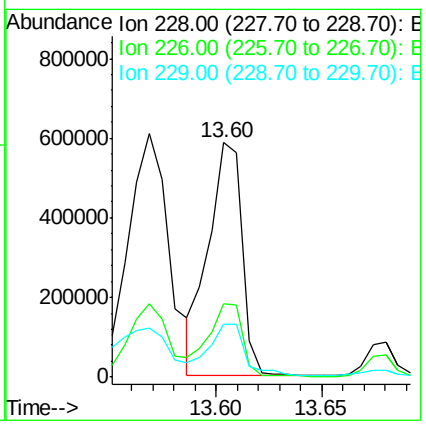


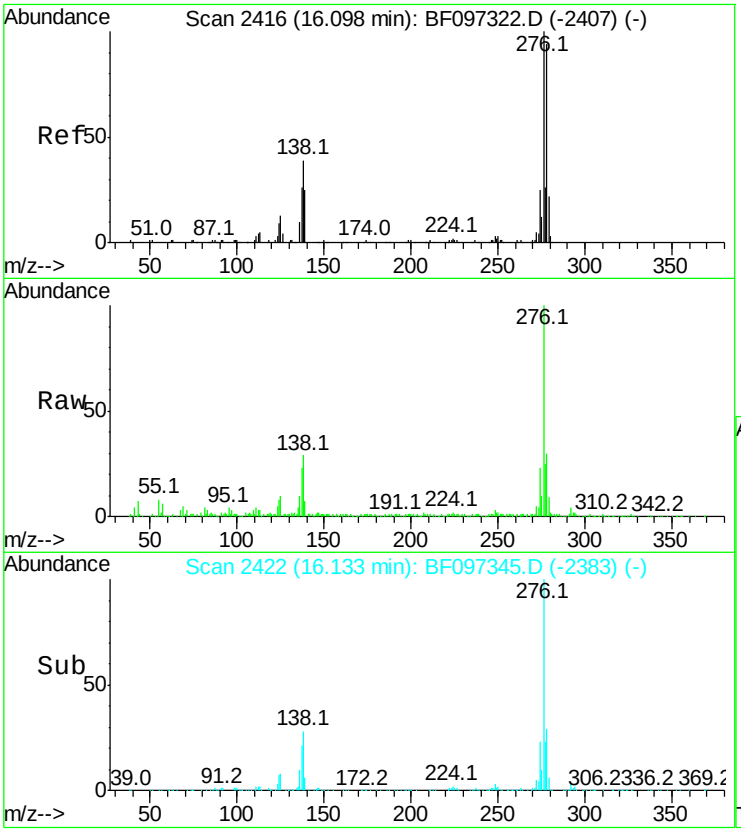


#82
Chrysene
Concen: 78.544 ng
RT: 13.60 min Scan# 1992
Delta R.T. -0.05 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Tgt Ion:228 Resp: 651970

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	22.4	15.8	23.6



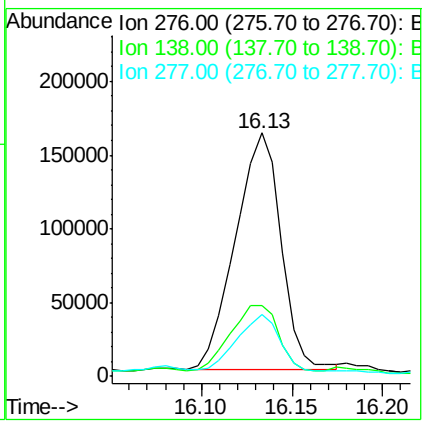


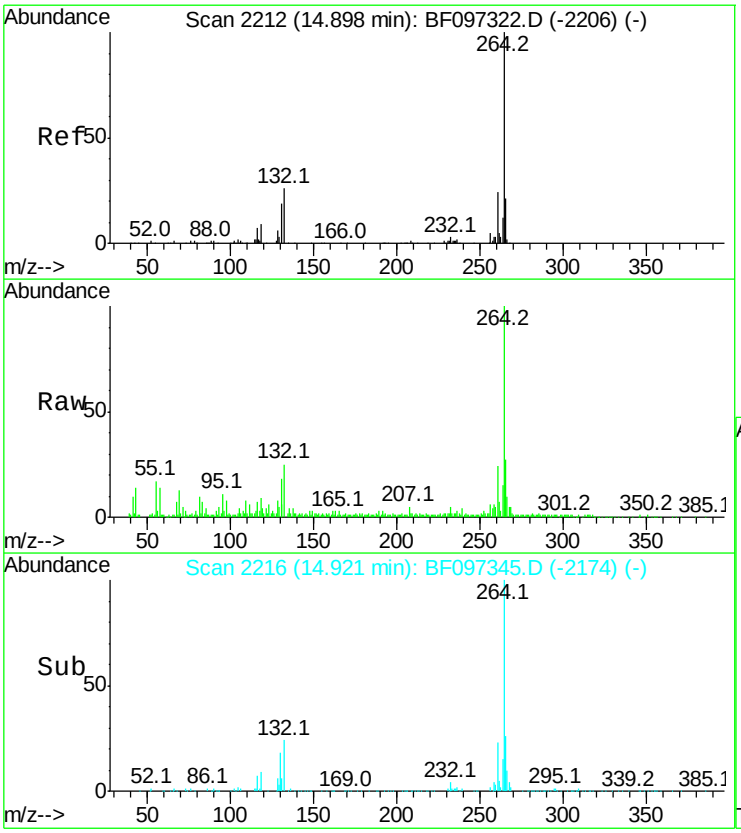
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.630 ng
RT: 16.13 min Scan# 2422
Delta R.T. -0.07 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 282072

Ion	Ratio	Lower	Upper
276	100		
138	29.6	27.8	41.6
277	26.2	20.2	30.4

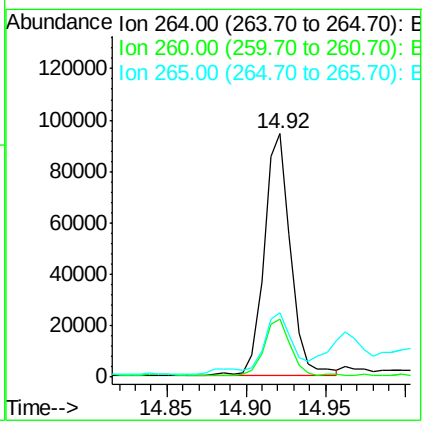


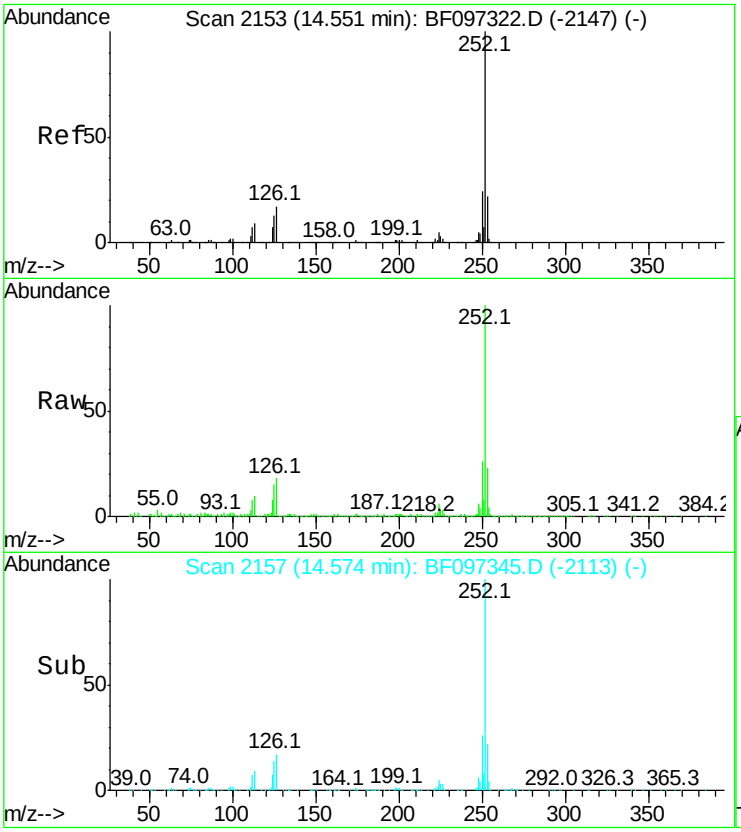


#86
Perylene-d12
Concen: 20.000 ng
RT: 14.92 min Scan# 2216
Delta R.T. -0.05 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Tgt Ion:264 Resp: 109518

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	26.6	17.2	25.8#



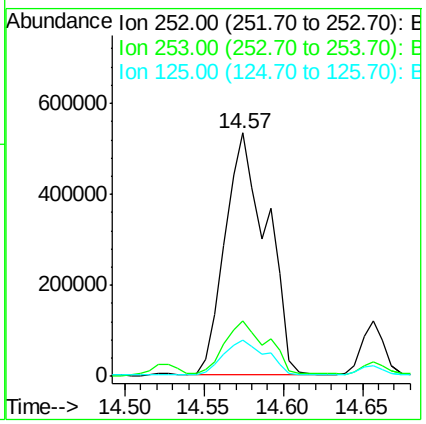


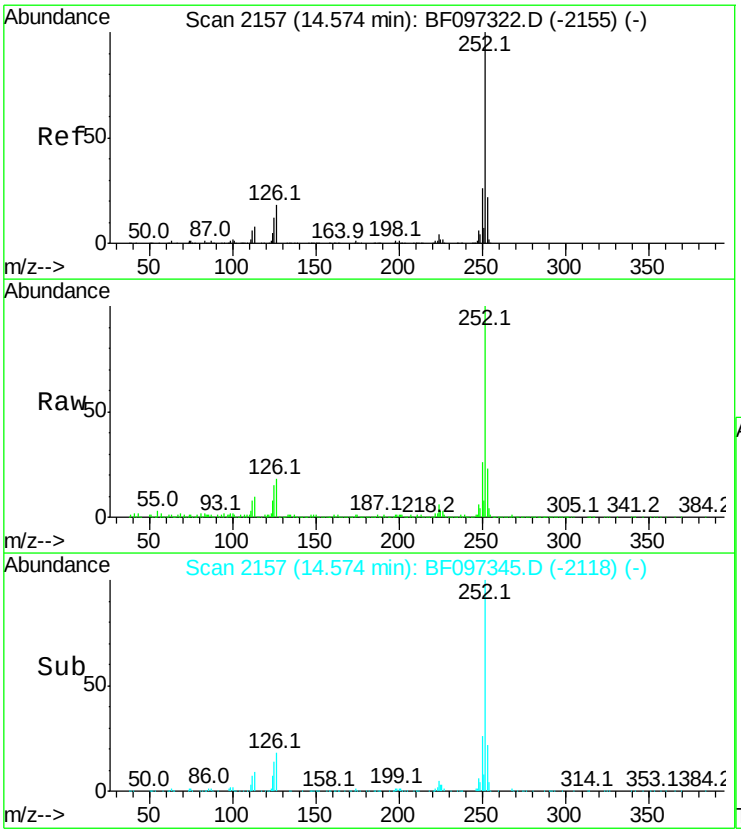
#87
Benzo(b)fluoranthene
Concen: 148.735 ng
RT: 14.57 min Scan# 2157
Delta R.T. -0.04 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 979179

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	14.7	9.8	14.8

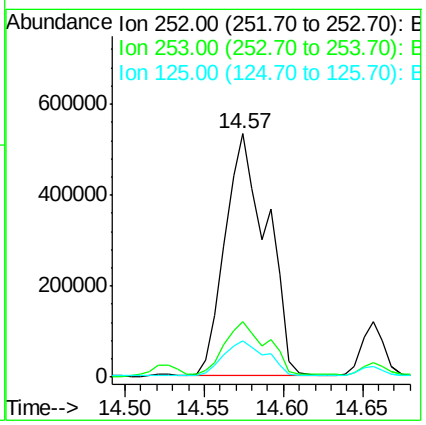


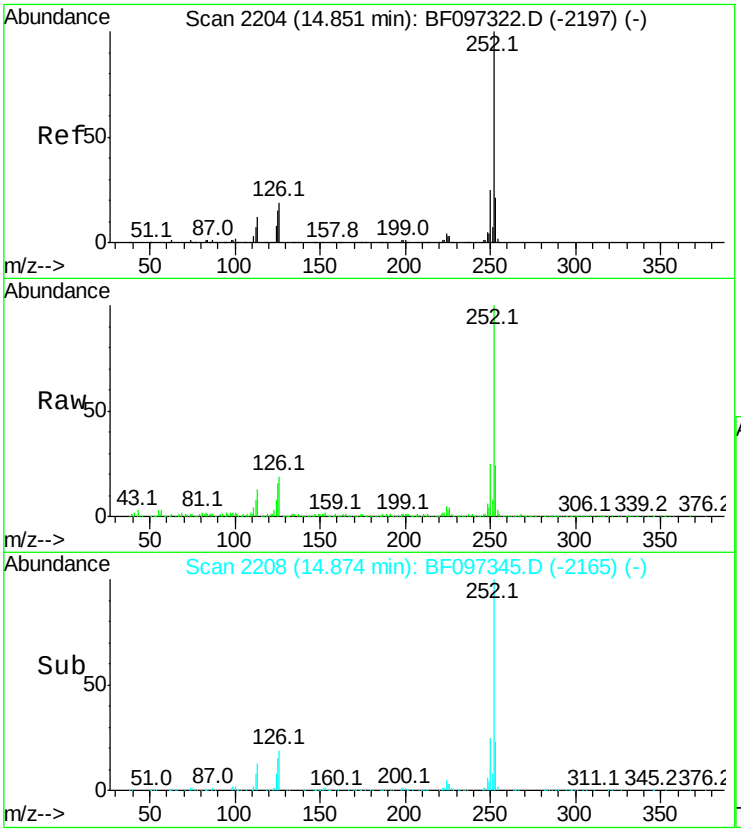


#88
Benzo(k)fluoranthene
Concen: 156.085 ng
RT: 14.57 min Scan# 2157
Delta R.T. -0.07 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Tgt Ion:252 Resp: 979179

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	14.7	13.1	19.7



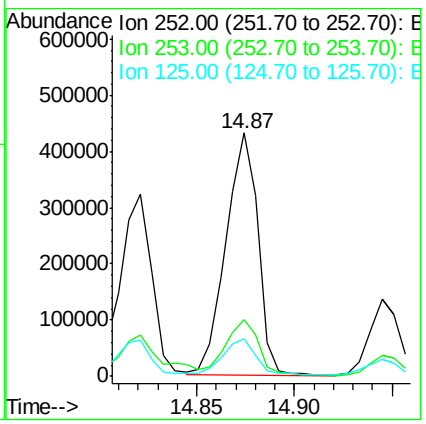


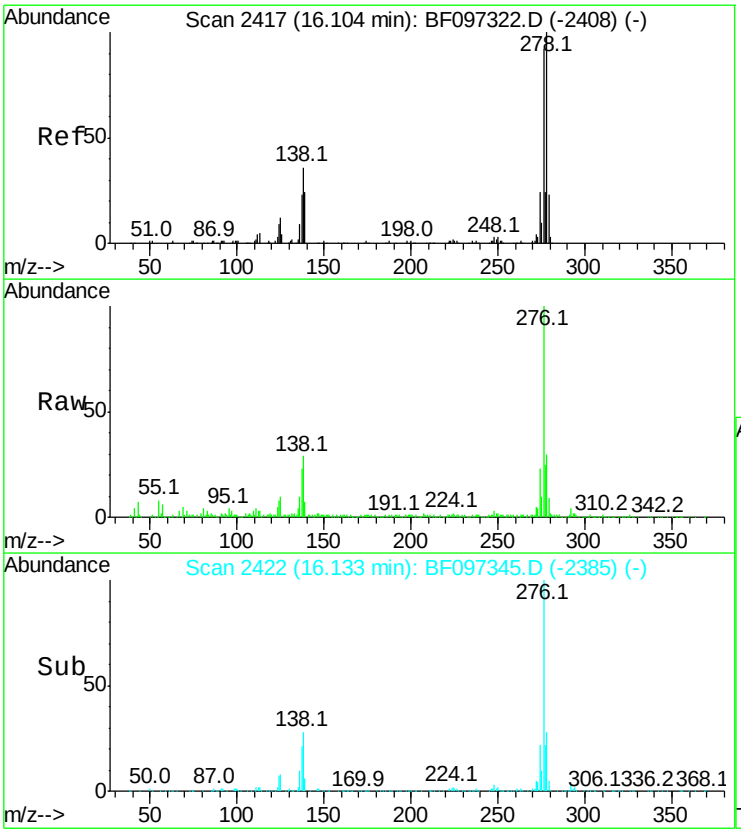
#89
Benzo(a)pyrene
Concen: 81.847 ng
RT: 14.87 min Scan# 2208
Delta R.T. -0.05 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 493148

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	15.6	11.0	16.4

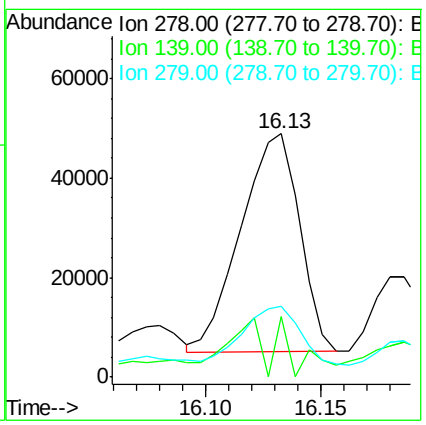


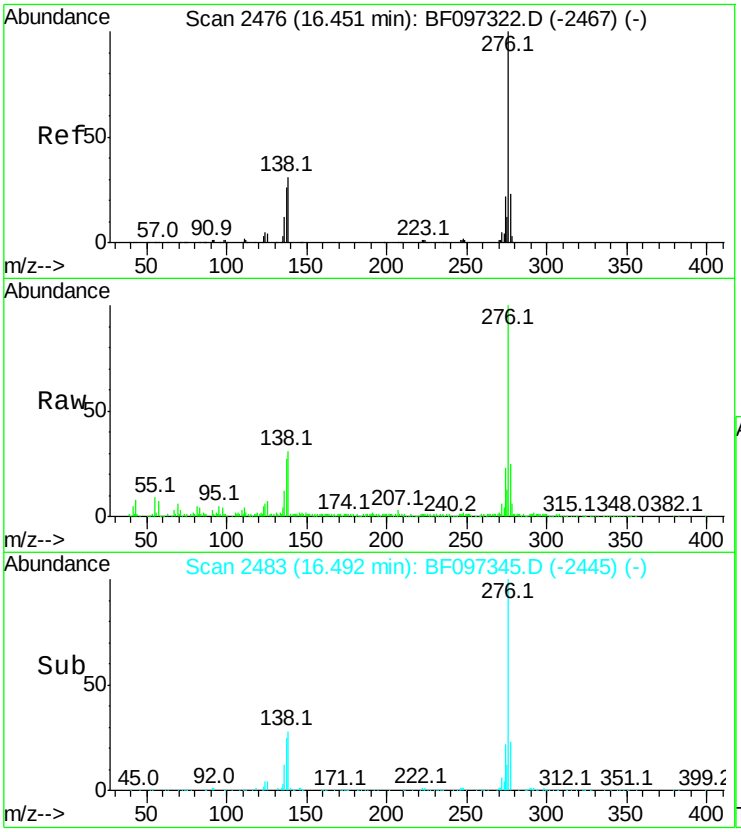


#90
Dibenzo(a,h)anthracene
Concen: 15.667 ng
RT: 16.13 min Scan# 2422
Delta R.T. -0.08 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Tgt Ion:278 Resp: 77410

Ion	Ratio	Lower	Upper
278	100		
139	24.8	16.6	24.8
279	28.8	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 50.567 ng
RT: 16.49 min Scan# 2483
Delta R.T. -0.08 min
Lab File: BF097345.D
Acq: 4 Aug 2017 4:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 262012

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	28.0
138	31.2	25.4	38.0