Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021517\
Data File : BF092973.D
Acq On : 16 Feb 2017 1:26
Operator : SJ/MA
Sample : I1850-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 16 02:46:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	160623	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	617004	20.00	ng		-0.01
38) Acenaphthene-d10	9.90	164	308416	20.00	ng		-0.02
63) Phenanthrene-d10	11.39	188	462221	20.00	ng		-0.01
75) Chrysene-d12	14.02	240	311399	20.00	ng		-0.03
86) Perylene-d12	15.46	264	291109	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1182182	126.27	ng		-0.01
7) Phenol-d6	6.51	99	1408637	116.94	ng		-0.02
23) Nitrobenzene-d5	7.44	82	880194	79.44	ng		-0.02
41) 2,4,6-Tribromophenol	10.69	330	247019	110.74	ng		-0.02
44) 2-Fluorobiphenyl	9.23	172	1249853	73.42	ng		-0.01
78) Terphenyl-d14	12.98	244	940872	70.99	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	115335	15.04	ng	#	83
25) Isophorone	7.44	82	793377	38.43	ng	#	65
31) Naphthalene	8.18	128	75067	2.40	ng		97
32) Benzoic acid	7.95	122	641	7.27	ng	#	20
49) Dimethylphthalate	9.63	163	466123	22.44	ng		100
51) Acenaphthene	9.94	154	60898	3.37	ng		97
56) 2,4-Dinitrotoluene	9.90	165	42168	7.06	ng	#	20
64) 4,6-Dinitro-2-methylphenol	10.69	198	424	2.81	ng	#	1
66) 4-Bromophenyl-phenylether	10.69	248	16831	3.49	ng	#	1
70) Phenanthrene	11.41	178	211206	7.98	ng		97
71) Anthracene	11.46	178	59529	2.24	ng		98
74) Fluoranthene	12.60	202	257948	9.44	ng		95
77) Pyrene	12.83	202	262126	11.25	ng		98
80) Benzo(a)anthracene	14.02	228	122130	6.41	ng	#	92
82) Chrysene	14.02	228	122130	6.85	ng		96
85) Indeno(1,2,3-cd)pyrene	16.87	276	72760	5.27	ng		92
87) Benzo(b)fluoranthene	15.05	252	207369	10.82	ng		98
88) Benzo(k)fluoranthene	15.05	252	207369	12.53	ng	#	98
89) Benzo(a)pyrene	15.40	252	135902	8.20	ng		100
91) Benzo(g,h,i)perylene	17.30	276	73922	5.46	ng	#	89

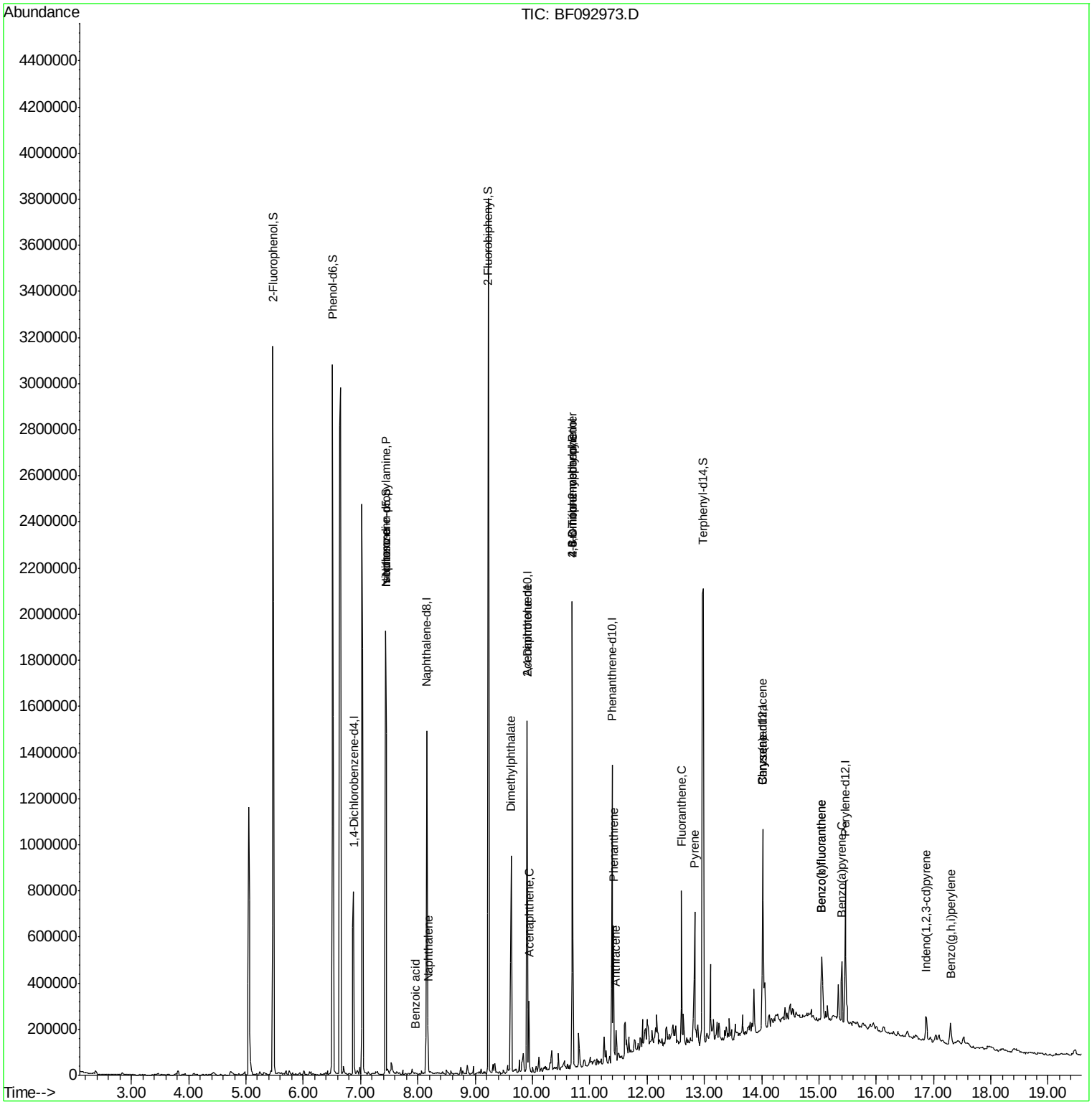
(#) = qualifier out of range (m) = manual integration (+) = signals summed

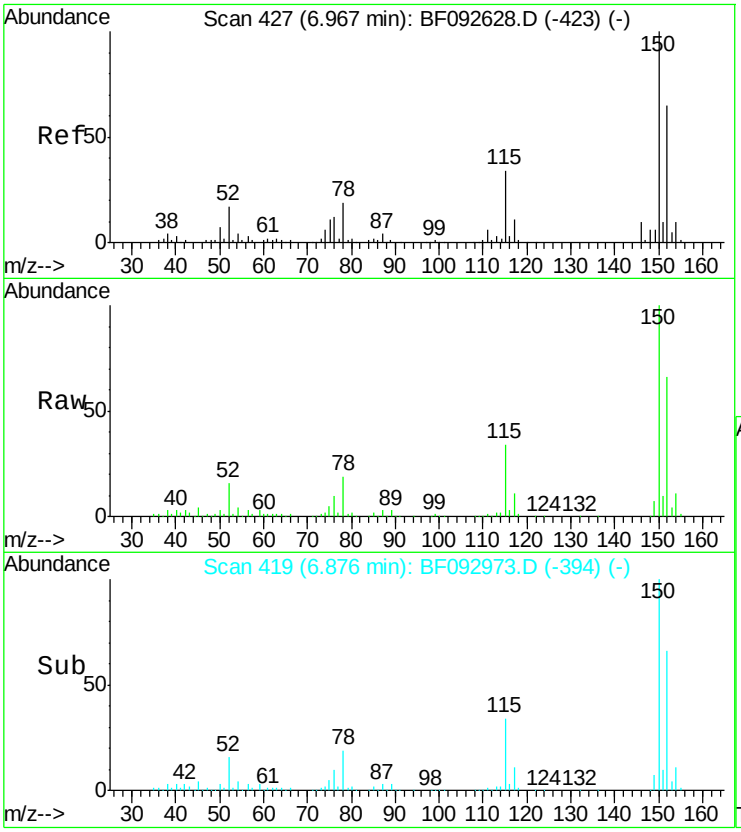
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021517\
Data File : BF092973.D
Acq On : 16 Feb 2017 1:26
Operator : SJ/MA
Sample : I1850-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 16 02:46:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration



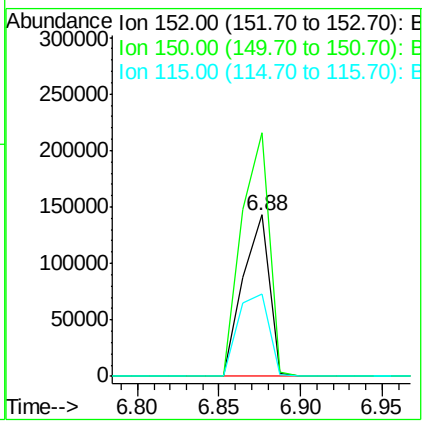


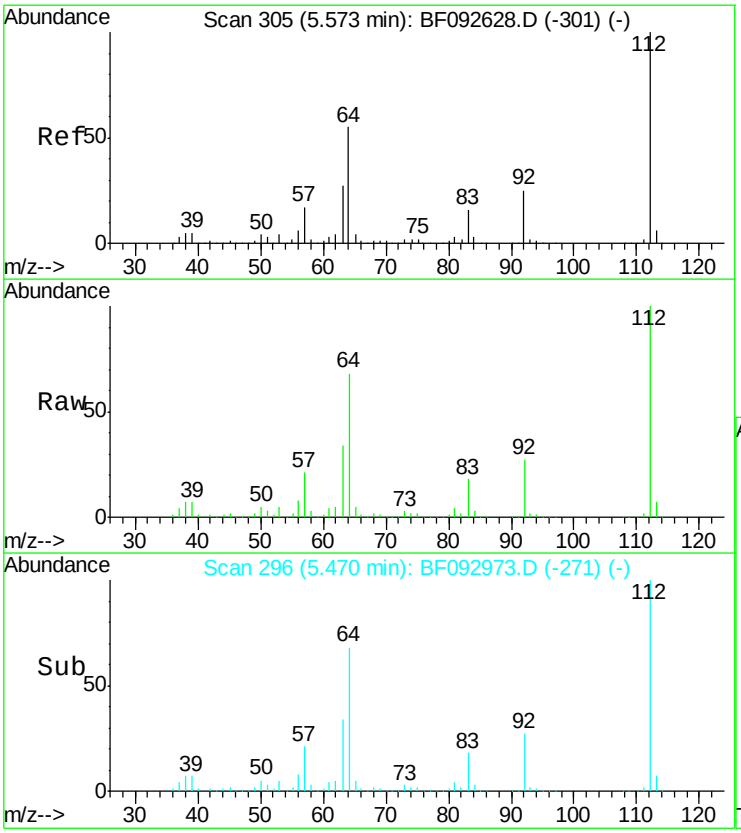
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092973.D
Acq: 16 Feb 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 160623

Ion	Ratio	Lower	Upper
152	100		
150	150.7	124.9	187.3
115	51.0	46.0	69.0

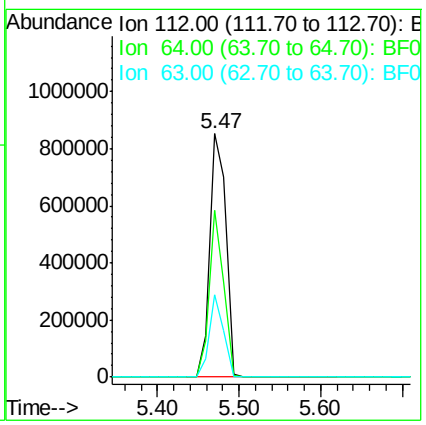


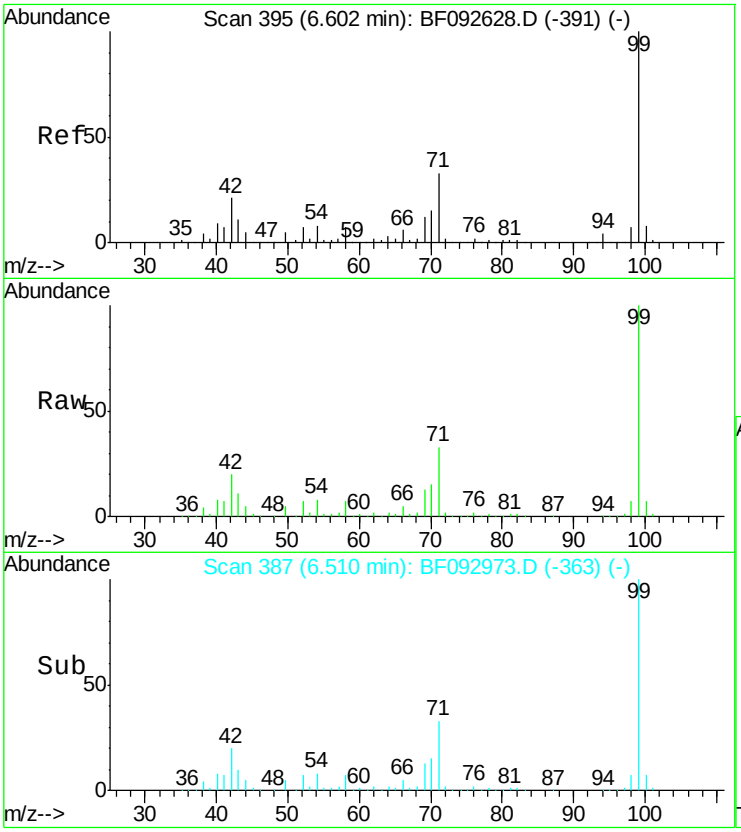


#5
2-Fluorophenol
Concen: 126.27 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.01 min
Lab File: BF092973.D
Acq: 16 Feb 2017 1:26

Tgt Ion:112 Resp: 1182182

Ion	Ratio	Lower	Upper
112	100		
64	68.3	46.1	69.1
63	33.8	23.8	35.6



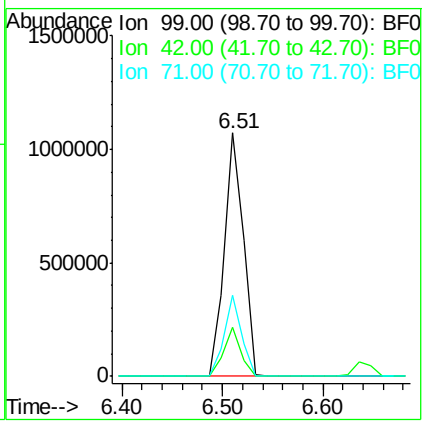


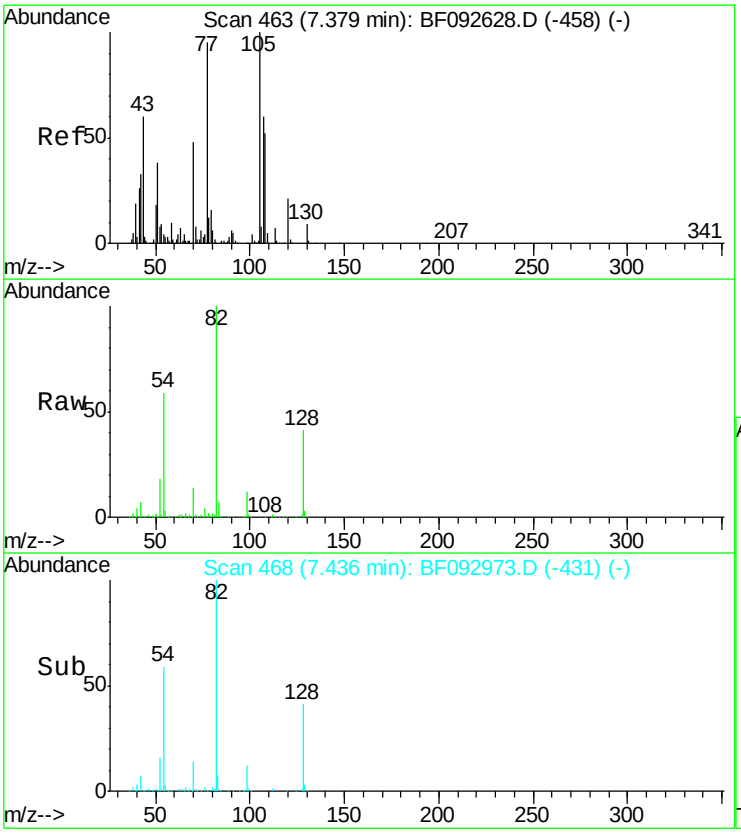
#7
Phenol-d6
Concen: 116.94 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.02 min
Lab File: BF092973.D
Acq: 16 Feb 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1408637

Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.6	23.4
71	33.1	27.5	41.3

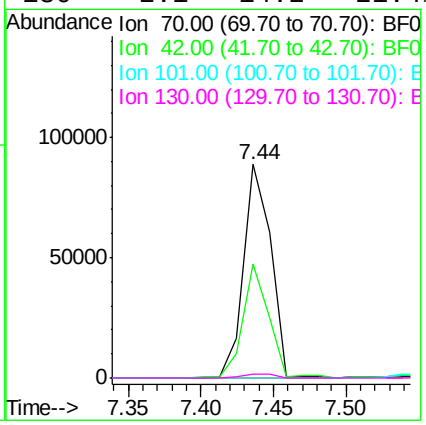


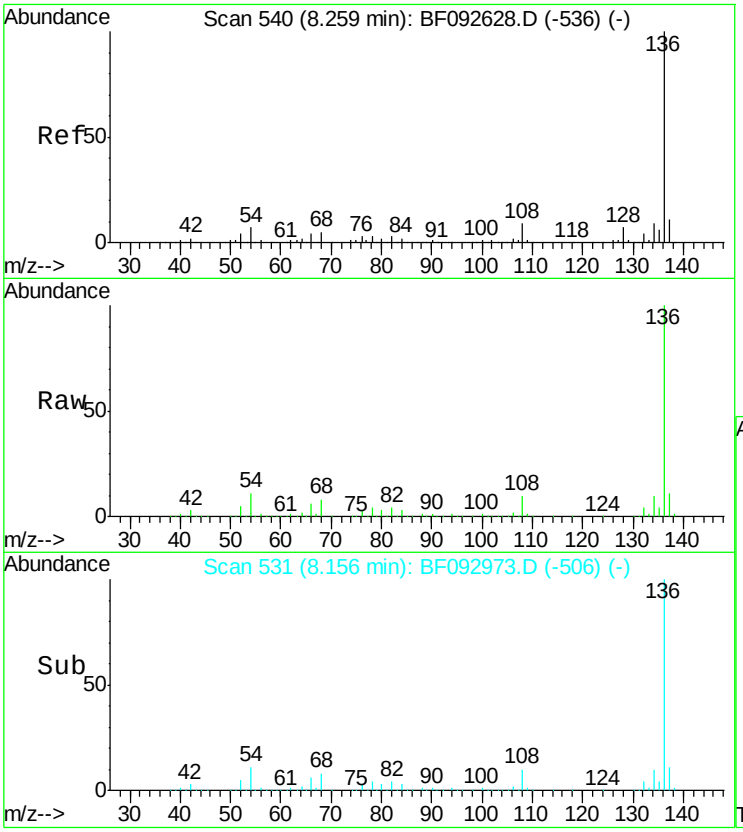


#19
n-Nitroso-di-n-propylamine
Concen: 15.04 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.13 min
Lab File: BF092973.D
Acq: 16 Feb 2017 1:26

Tgt Ion: 70 Resp: 115335

Ion	Ratio	Lower	Upper
70	100		
42	53.5	49.4	74.0
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#



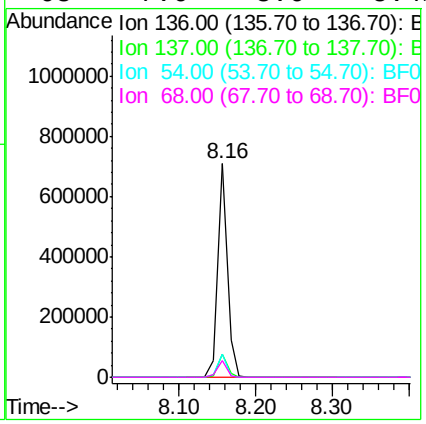


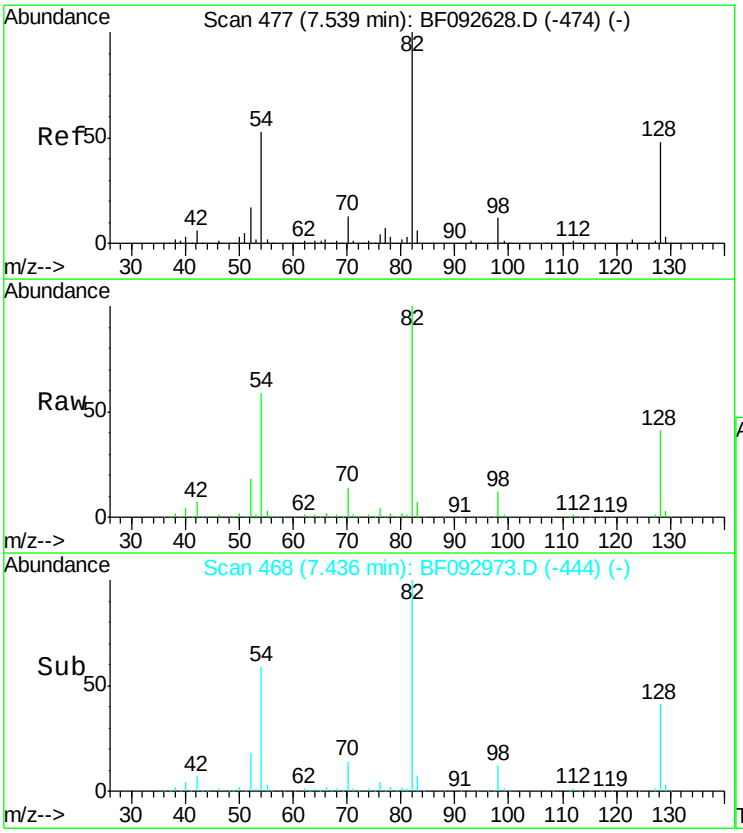
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF092973.D
Acq: 16 Feb 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 617004

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	11.0	4.5	6.7#
68	7.6	3.6	5.4#

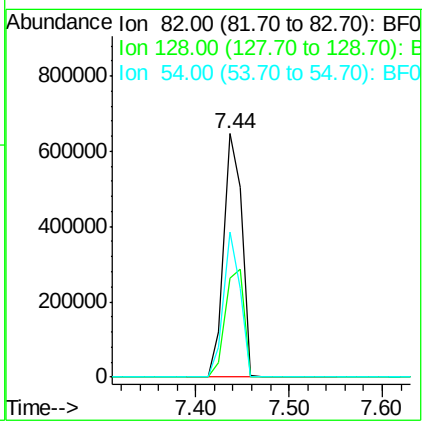


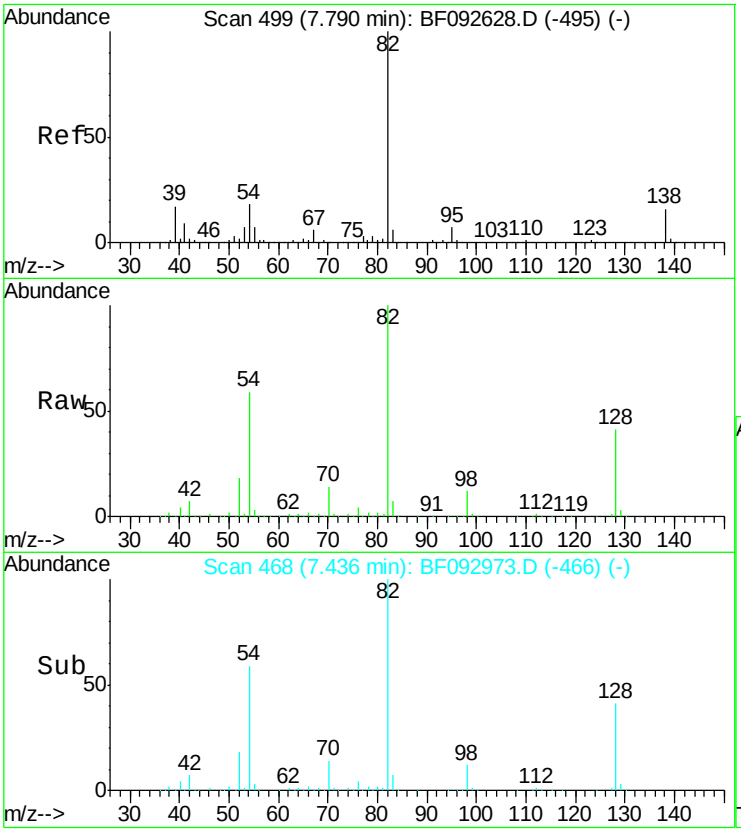


#23
Nitrobenzene-d5
Concen: 79.44 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF092973.D
Acq: 16 Feb 2017 1:26

Tgt Ion: 82 Resp: 880194

Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.6	52.0
54	59.4	39.5	59.3#



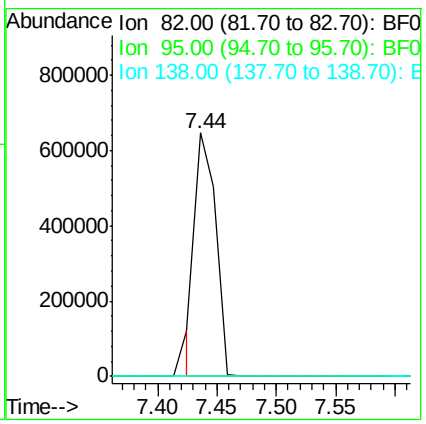


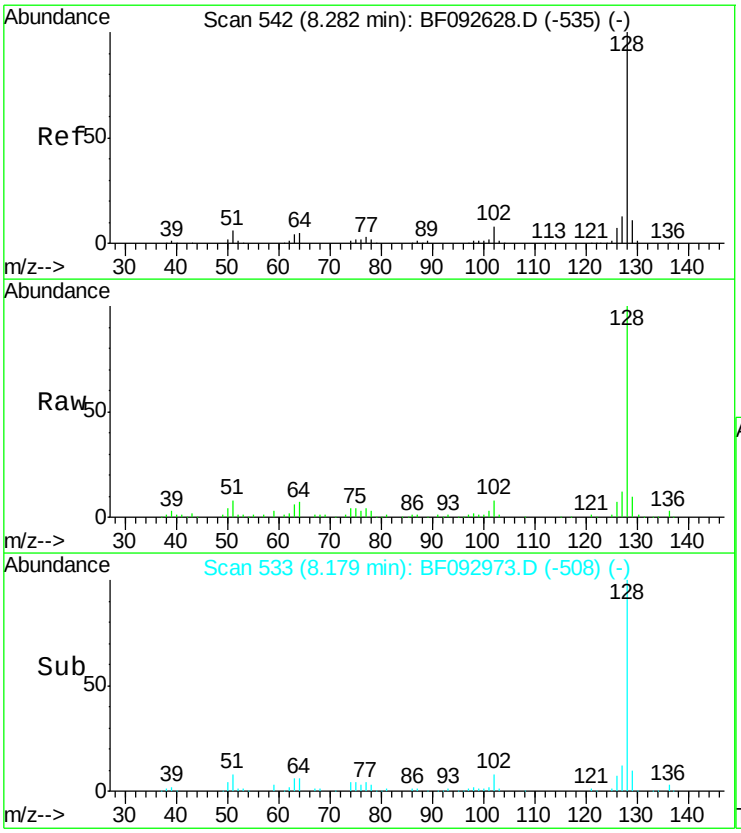
#25
Isophorone
Concen: 38.43 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.27 min
Lab File: BF092973.D
Acq: 16 Feb 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 793377

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#

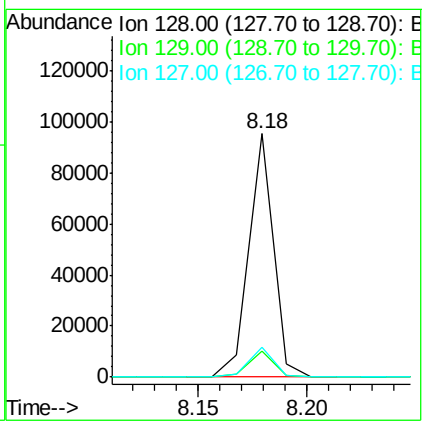


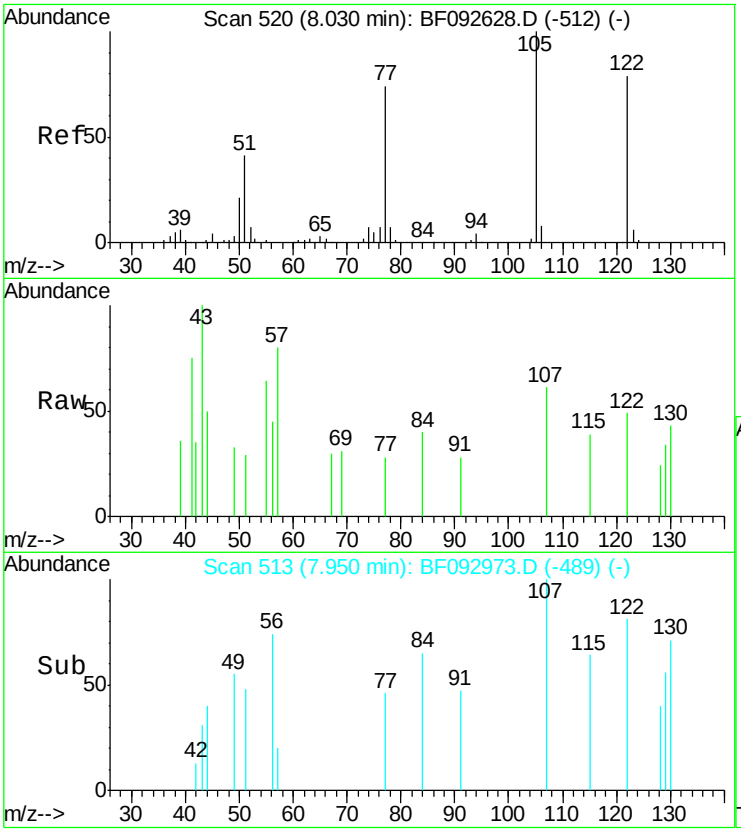


#31
Naphthalene
Concen: 2.40 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF092973.D
Acq: 16 Feb 2017 1:26

Tgt Ion:128 Resp: 75067

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.5	14.3
127	12.2	10.8	16.2



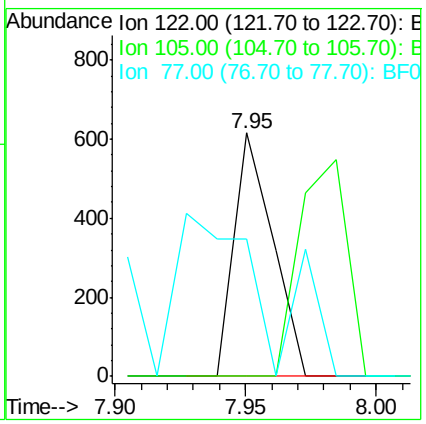


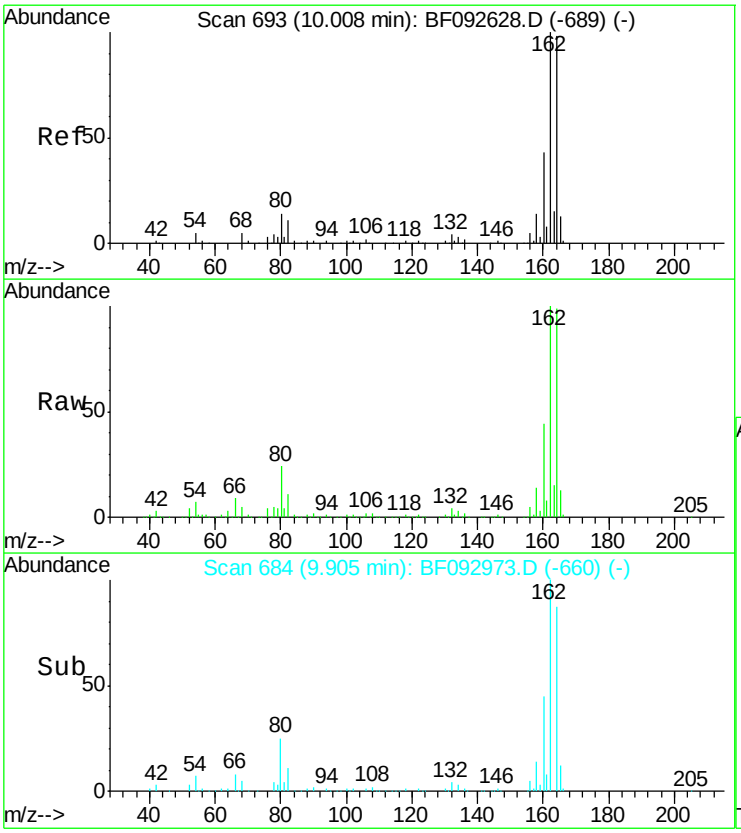
#32
Benzoic acid
Concen: 7.27 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF092973.D
Acq: 16 Feb 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 641

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.2	147.2#
77	56.7	74.5	114.5#

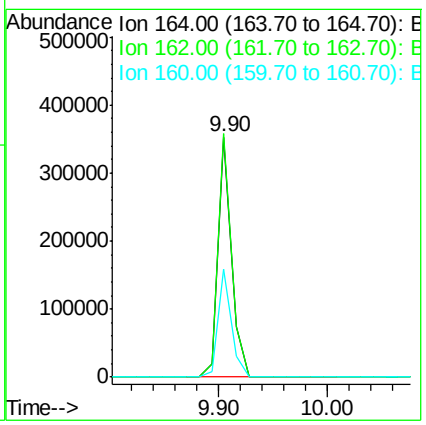


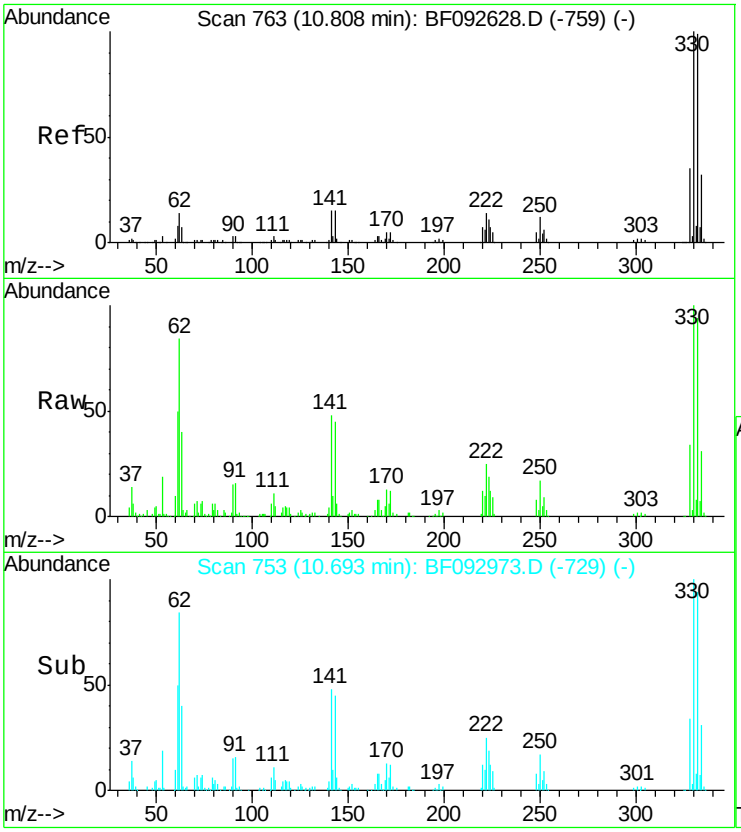


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF092973.D
Acq: 16 Feb 2017 1:26

Tgt Ion:164 Resp: 308416

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.2	120.2
160	44.7	36.9	55.3



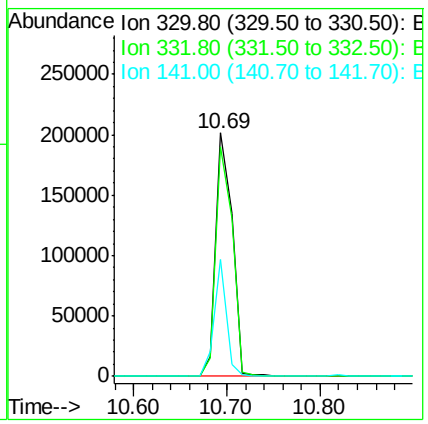


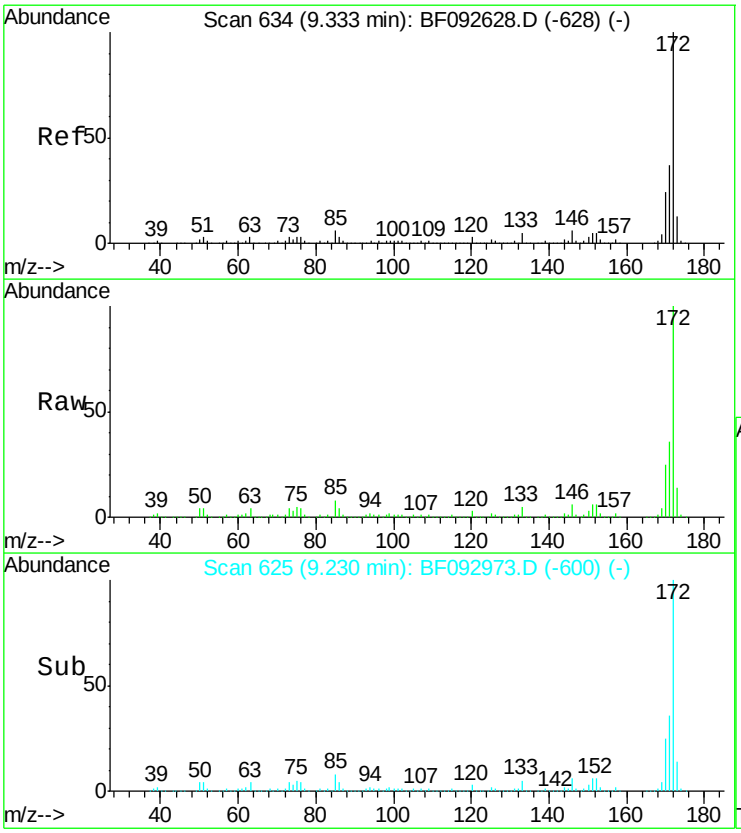
#41
2,4,6-Tribromophenol
Concen: 110.74 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF092973.D
Acq: 16 Feb 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 247019

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.4	116.2
141	36.5	34.1	51.1

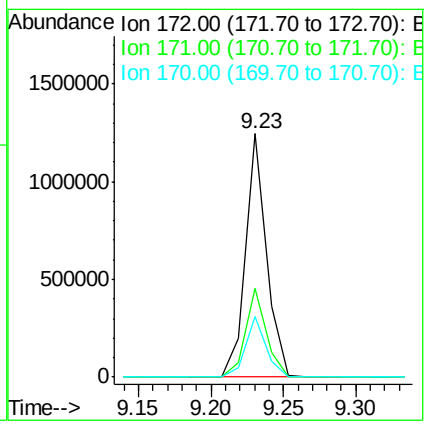


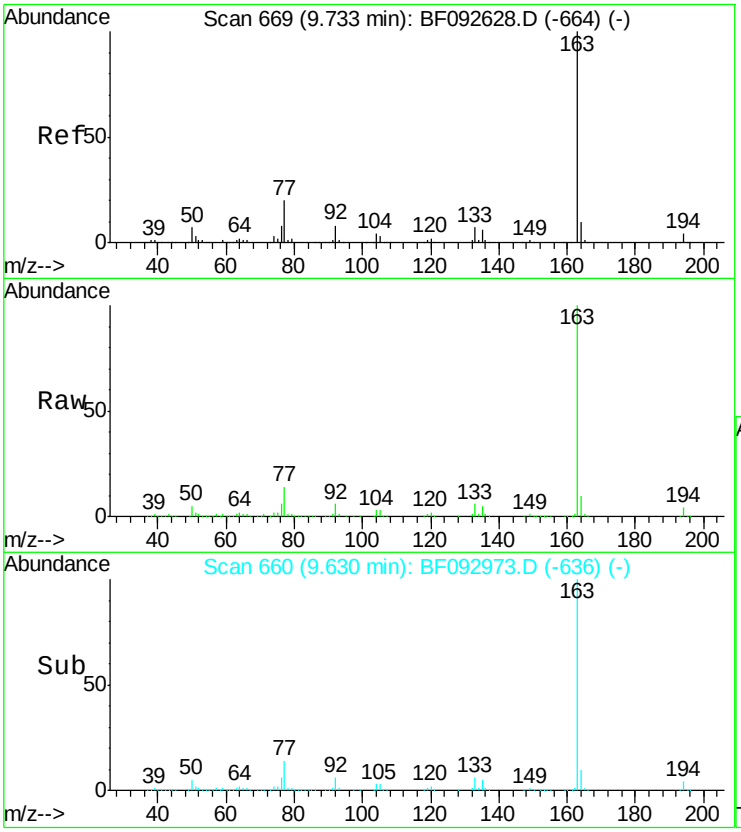


#44
2-Fluorobiphenyl
Concen: 73.42 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF092973.D
Acq: 16 Feb 2017 1:26

Tgt Ion:172 Resp: 1249853

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.6	20.2	30.4



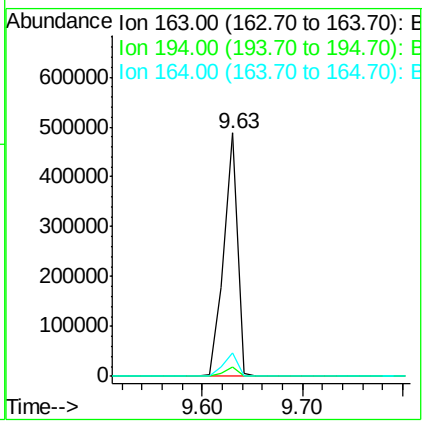


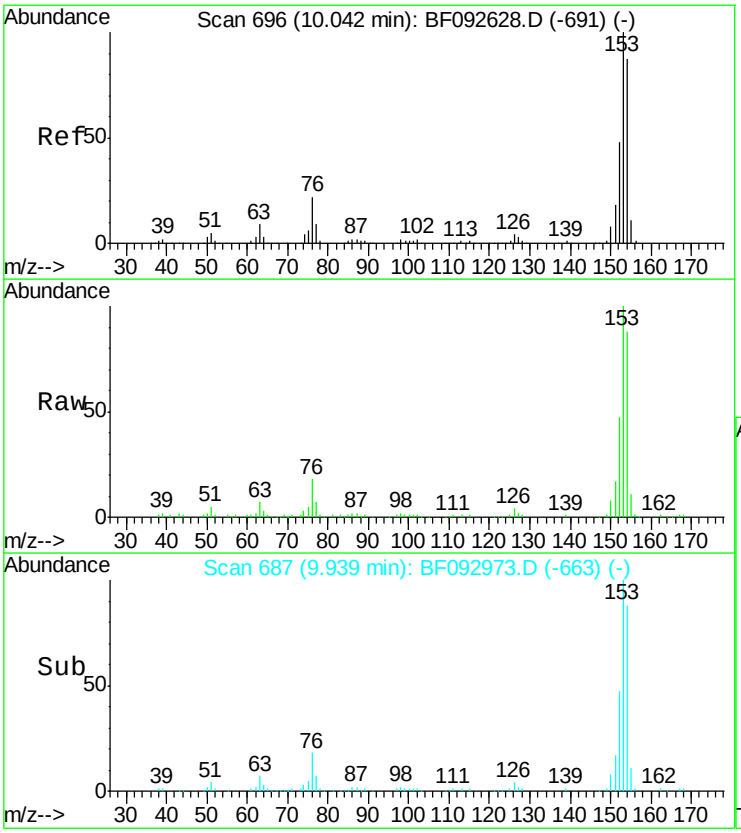
#49
Dimethylphthalate
Concen: 22.44 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF092973.D
Acq: 16 Feb 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 466123

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	9.9	8.0	12.0

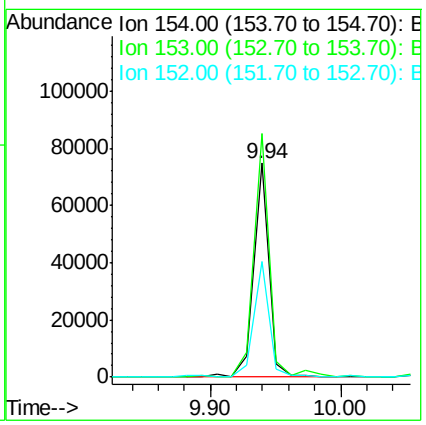


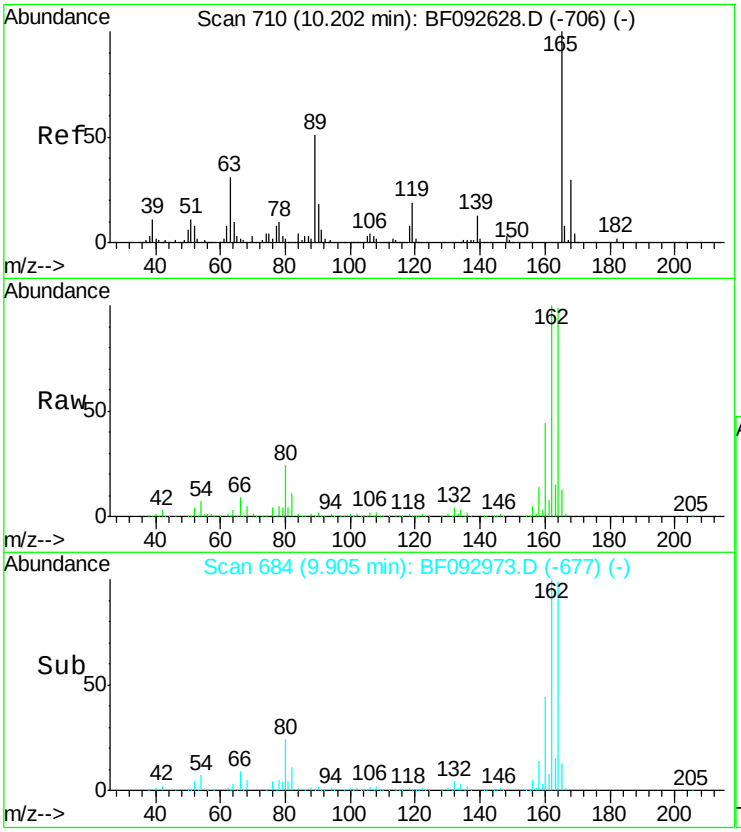


#51
Acenaphthene
Concen: 3.37 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF092973.D
Acq: 16 Feb 2017 1:26

Tgt Ion:154 Resp: 60898

Ion	Ratio	Lower	Upper
154	100		
153	113.8	88.6	133.0
152	54.0	41.6	62.4



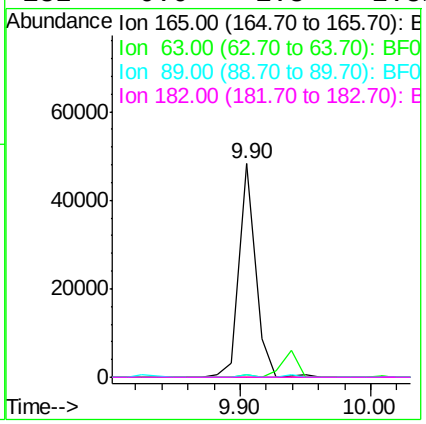


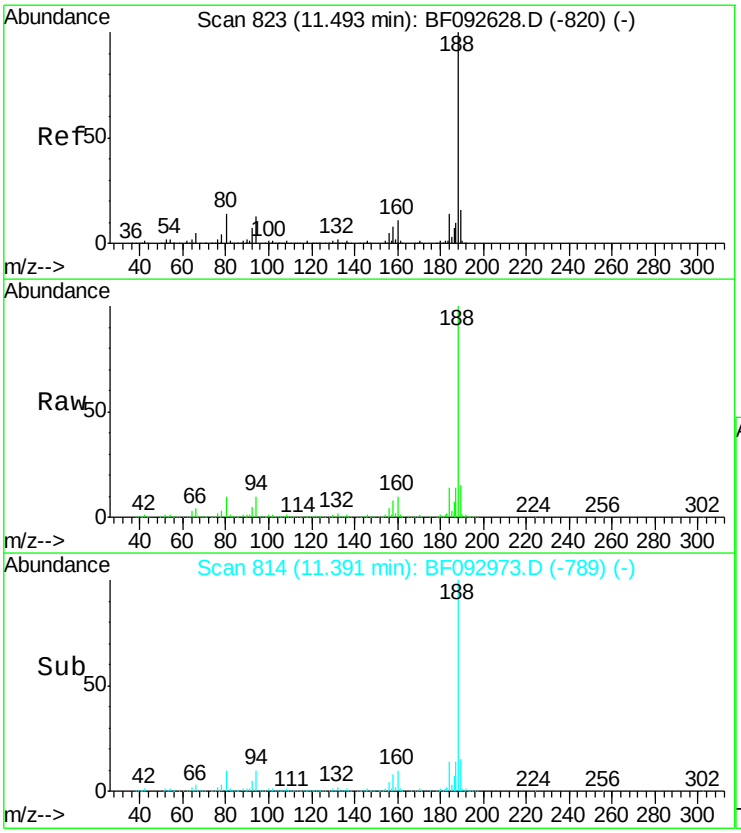
#56
2,4-Dinitrotoluene
Concen: 7.06 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.22 min
Lab File: BF092973.D
Acq: 16 Feb 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 42168

Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.2	60.4#
89	1.2	62.5	93.7#
182	0.0	1.8	2.8#

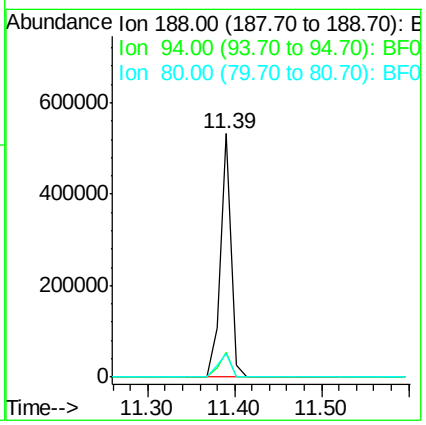


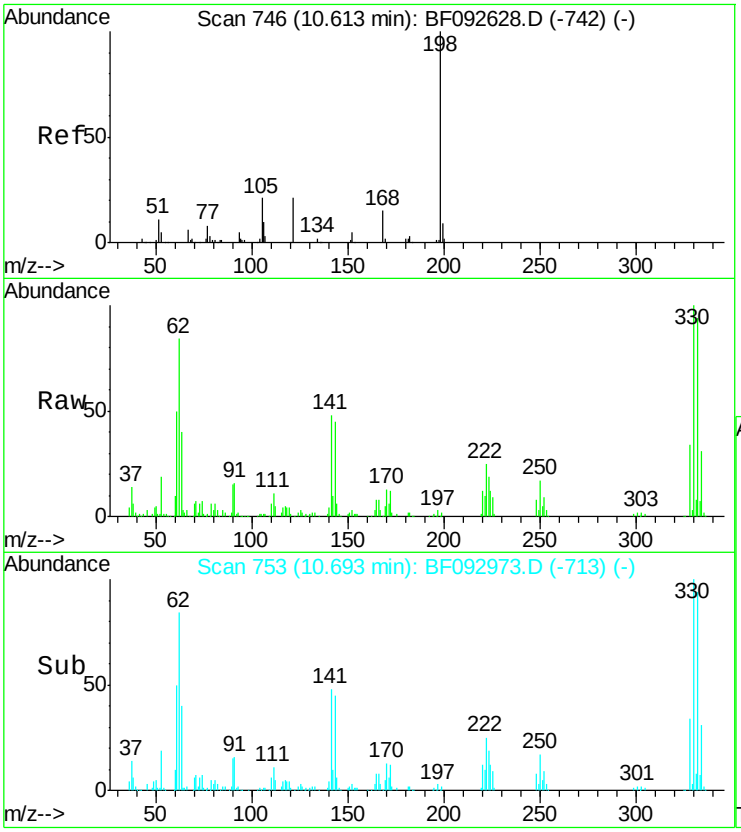


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092973.D
Acq: 16 Feb 2017 1:26

Tgt Ion:188 Resp: 462221

Ion	Ratio	Lower	Upper
188	100		
94	9.9	10.0	15.0#
80	9.8	11.2	16.8#



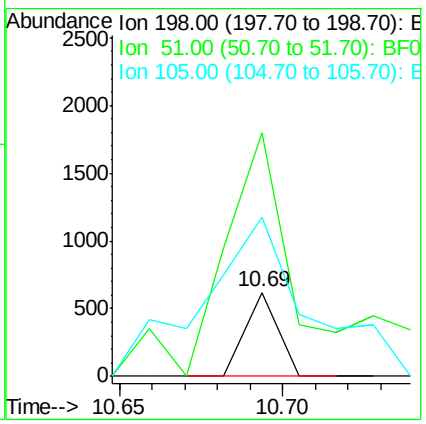


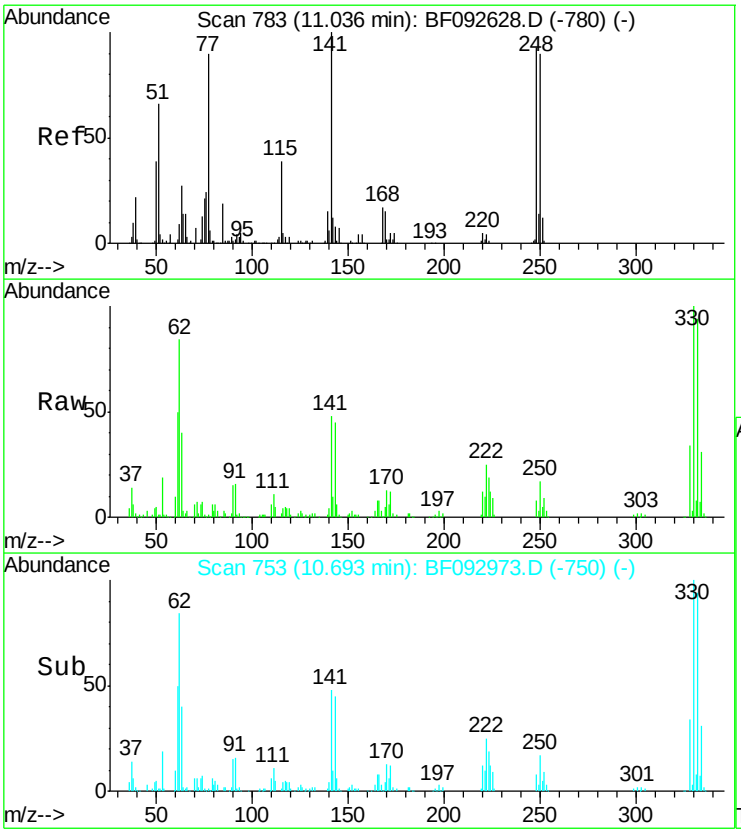
#64
4,6-Dinitro-2-methylphenol
Concen: 2.81 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.16 min
Lab File: BF092973.D
Acq: 16 Feb 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 424

Ion	Ratio	Lower	Upper
198	100		
51	290.5	6.7	46.7#
105	189.7	16.6	56.6#

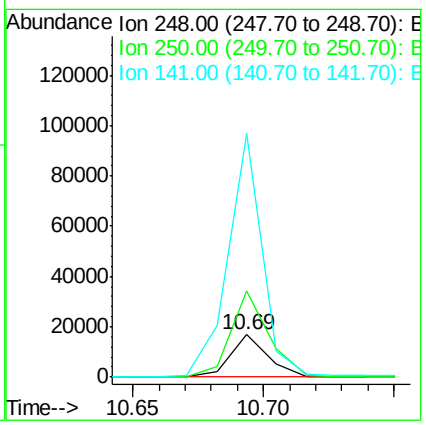


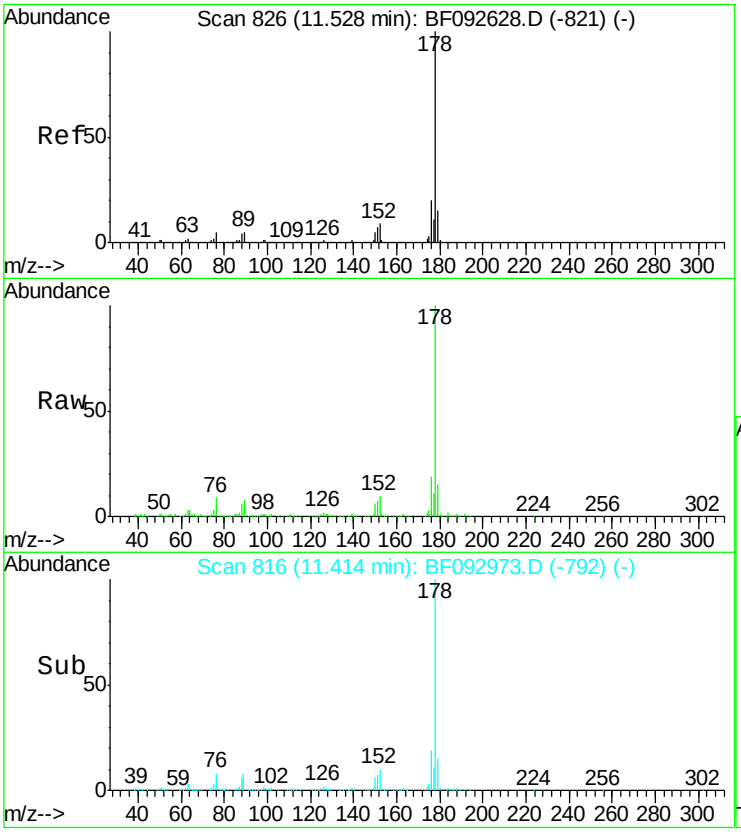


#66
4-Bromophenyl-phenylether
Concen: 3.49 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.26 min
Lab File: BF092973.D
Acq: 16 Feb 2017 1:26

Tgt Ion:248 Resp: 16831

Ion	Ratio	Lower	Upper
248	100		
250	203.1	76.9	115.3#
141	576.5	68.2	102.4#



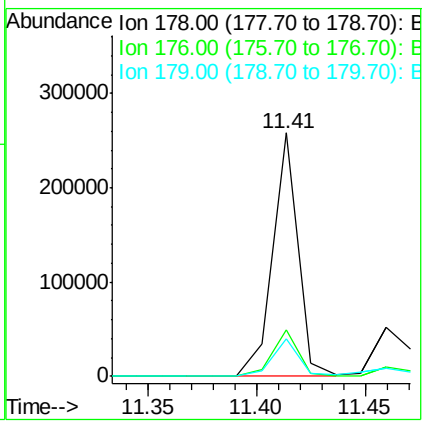


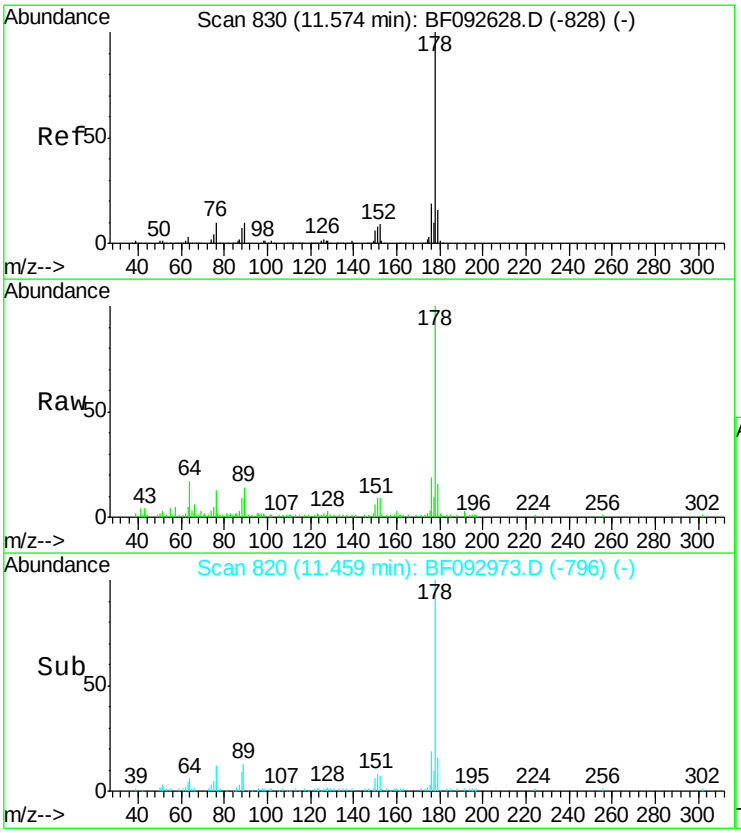
#70
Phenanthrene
Concen: 7.98 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF092973.D
Acq: 16 Feb 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 211206

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.6	25.0
179	15.2	12.8	19.2

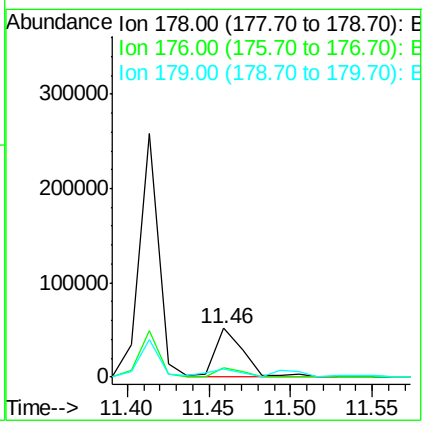


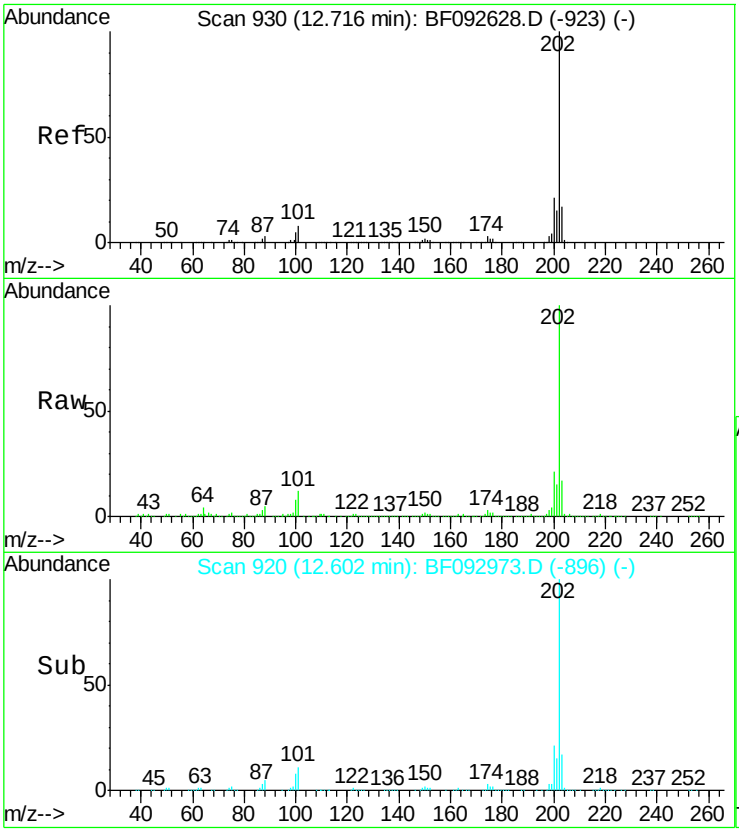


#71
Anthracene
Concen: 2.24 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF092973.D
Acq: 16 Feb 2017 1:26

Tgt Ion:178 Resp: 59529

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.9	23.9
179	16.1	13.2	19.8



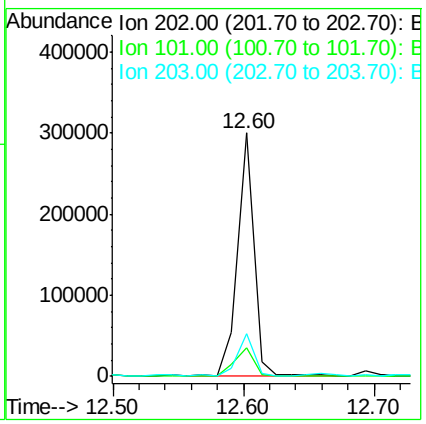


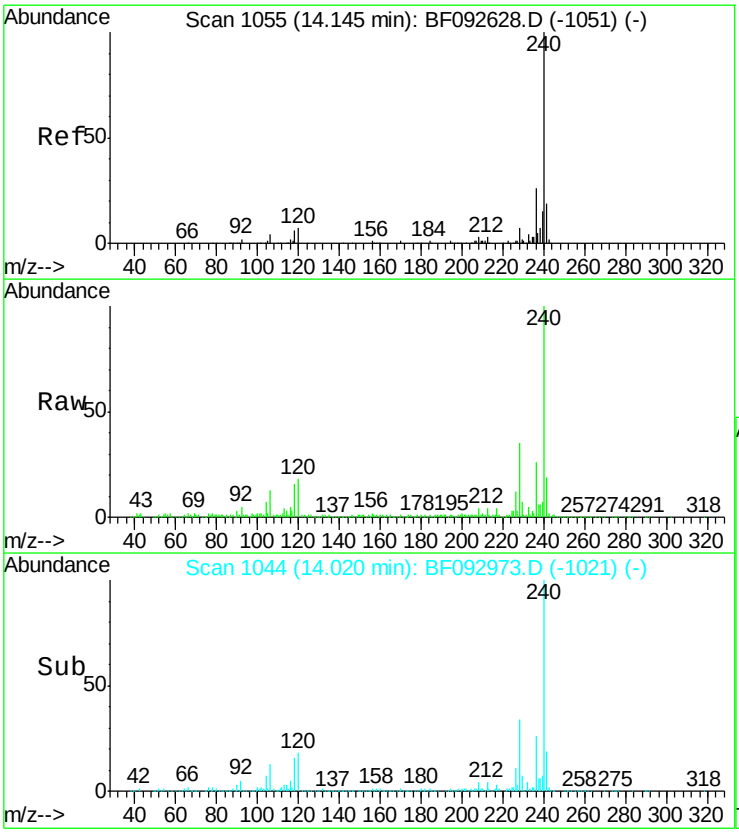
#74
Fluoranthene
Concen: 9.44 ng
RT: 12.60 min Scan# 920
Delta R.T. -0.02 min
Lab File: BF092973.D
Acq: 16 Feb 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 257948

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	34.6
203	17.4	0.0	38.7

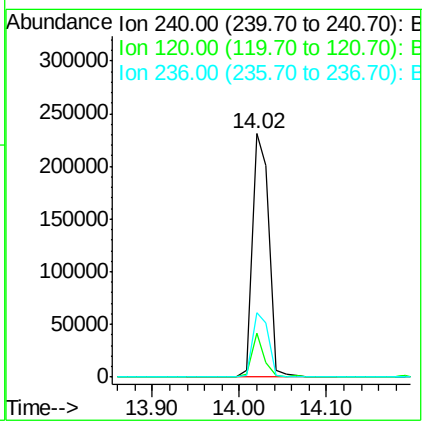


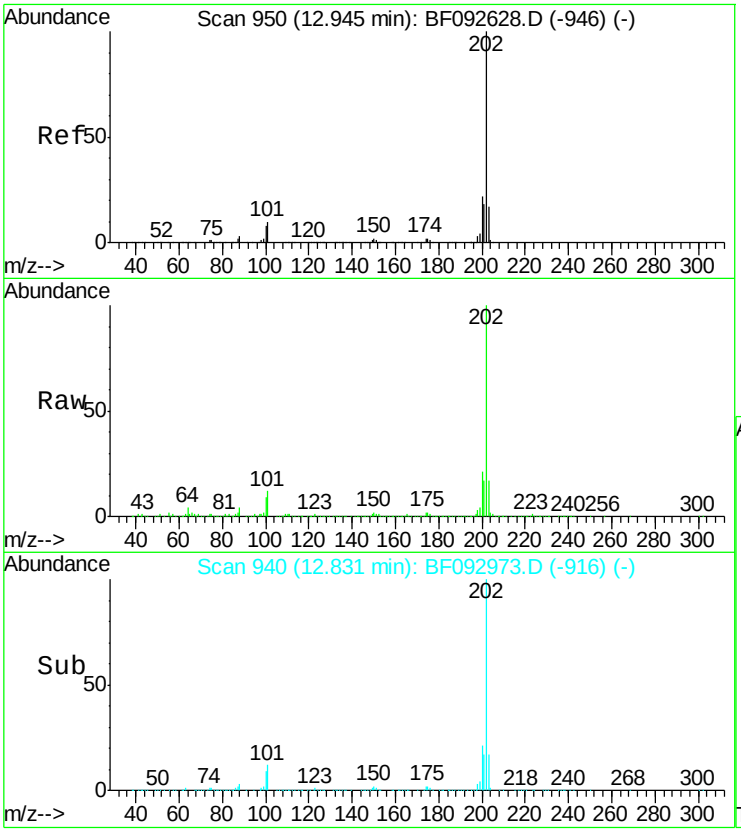


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF092973.D
Acq: 16 Feb 2017 1:26

Tgt Ion:240 Resp: 311399

Ion	Ratio	Lower	Upper
240	100		
120	18.3	12.9	19.3
236	26.3	20.9	31.3



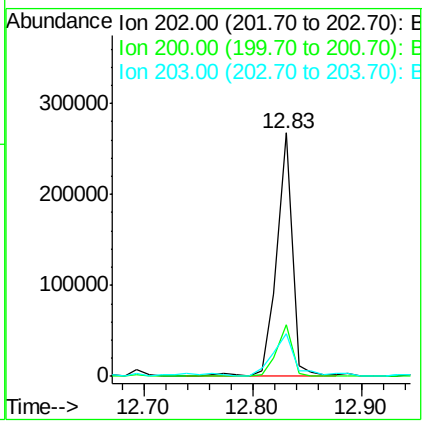


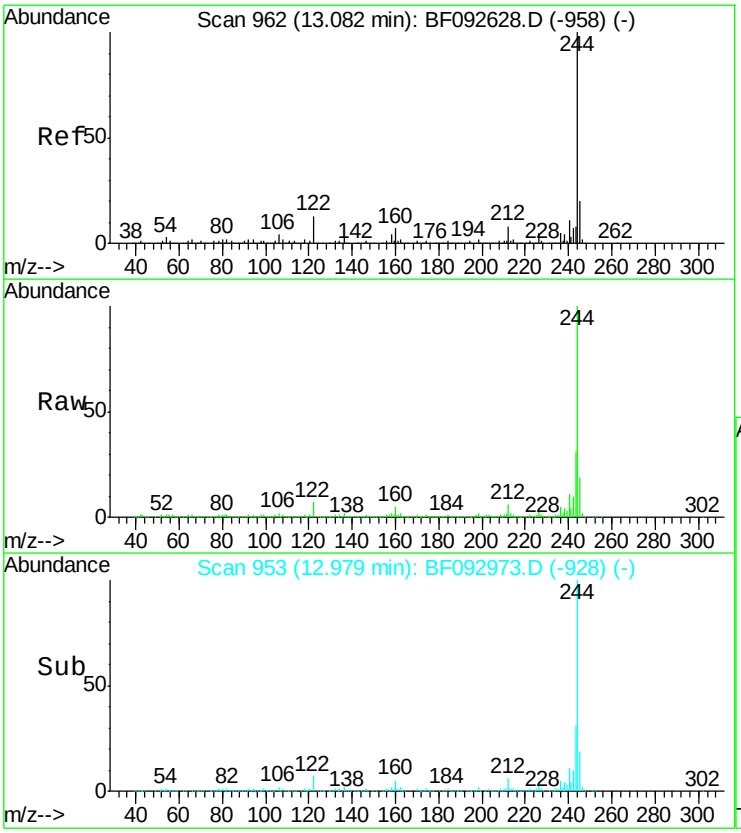
#77
Pyrene
Concen: 11.25 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.02 min
Lab File: BF092973.D
Acq: 16 Feb 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 262126

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.7	26.5
203	17.3	14.7	22.1

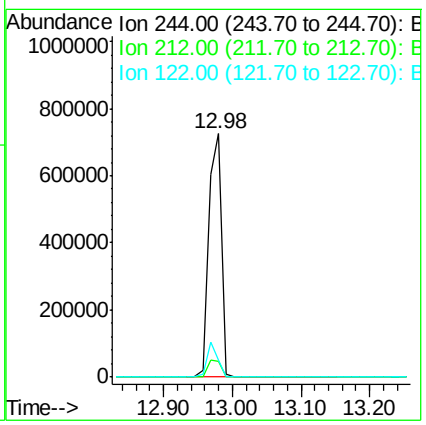


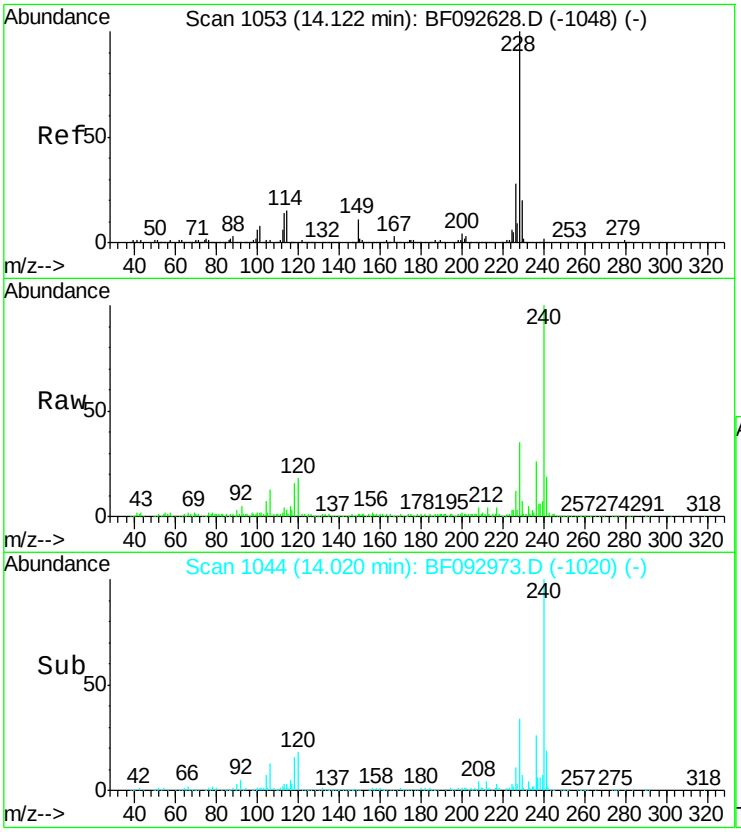


#78
Terphenyl-d14
Concen: 70.99 ng
RT: 12.98 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF092973.D
Acq: 16 Feb 2017 1:26

Tgt Ion:244 Resp: 940872

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.2	9.2
122	6.8	11.4	17.2#



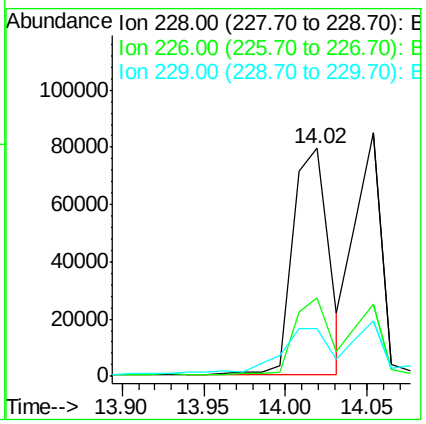


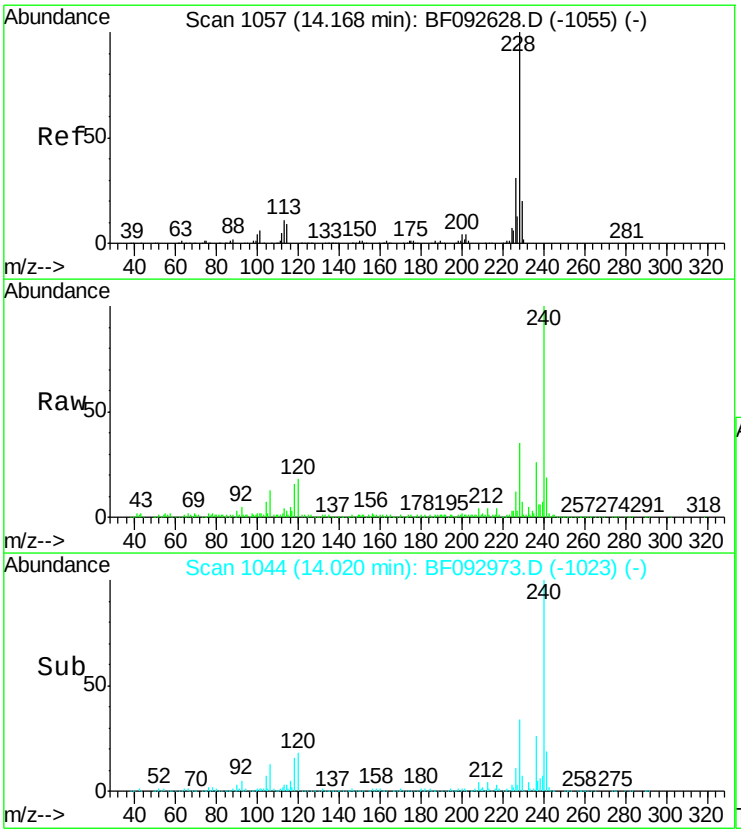
#80
Benzo(a)anthracene
Concen: 6.41 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF092973.D
Acq: 16 Feb 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 122130

Ion	Ratio	Lower	Upper
228	100		
226	34.3	22.4	33.6#
229	21.2	16.2	24.4

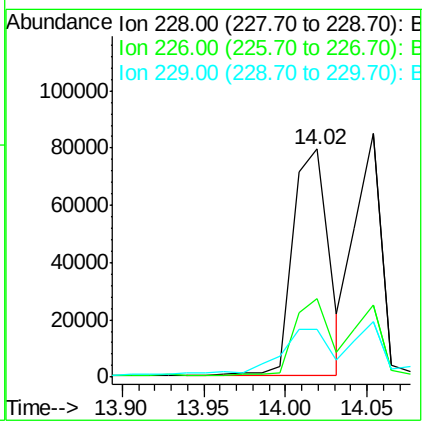


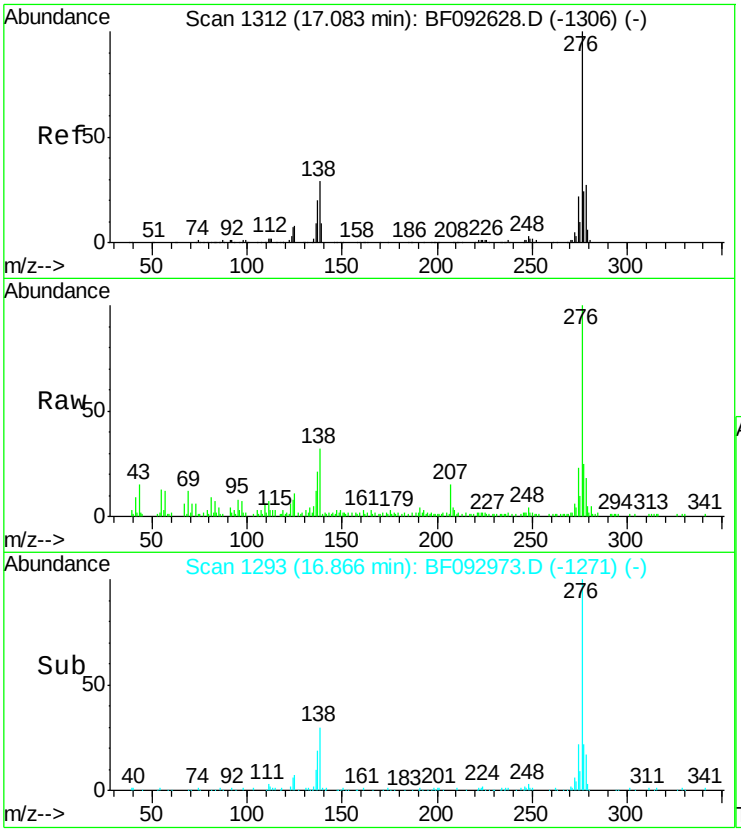


#82
Chrysene
Concen: 6.85 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.06 min
Lab File: BF092973.D
Acq: 16 Feb 2017 1:26

Tgt Ion:228 Resp: 122130

Ion	Ratio	Lower	Upper
228	100		
226	34.3	25.4	38.0
229	21.2	16.2	24.2



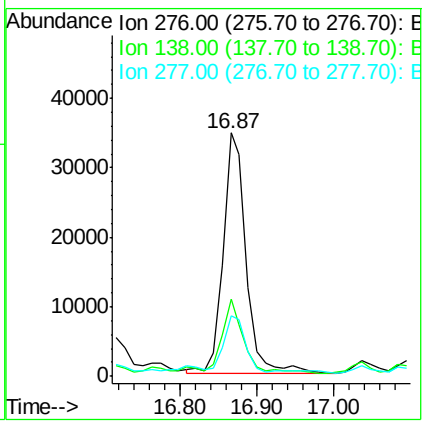


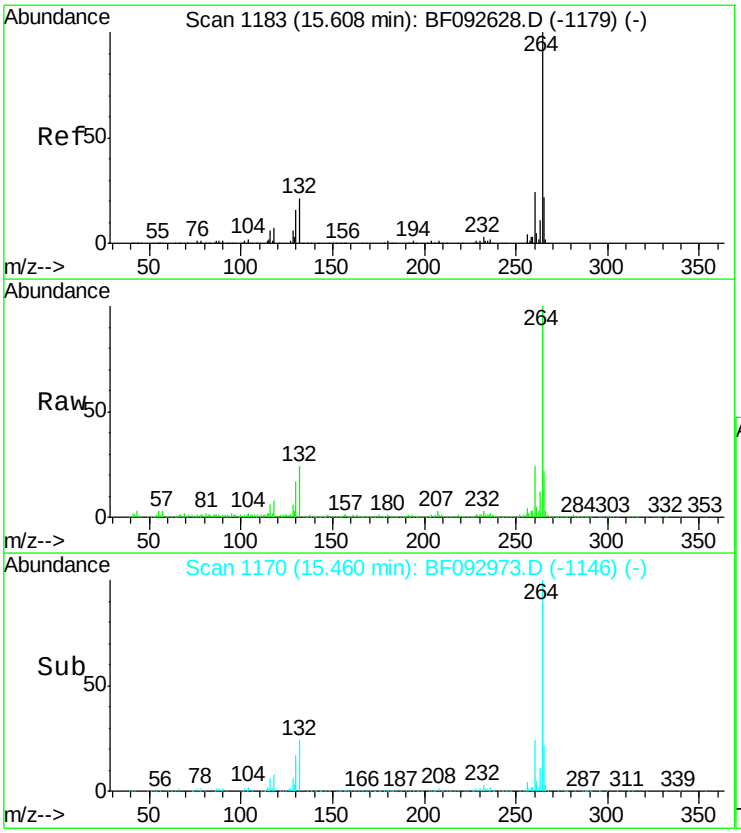
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.27 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.05 min
Lab File: BF092973.D
Acq: 16 Feb 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 72760

Ion	Ratio	Lower	Upper
276	100		
138	30.9	21.8	32.6
277	21.1	20.2	30.4

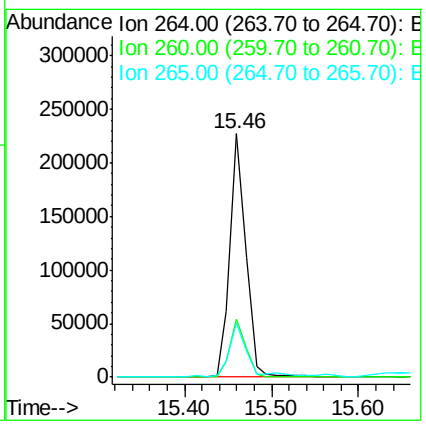


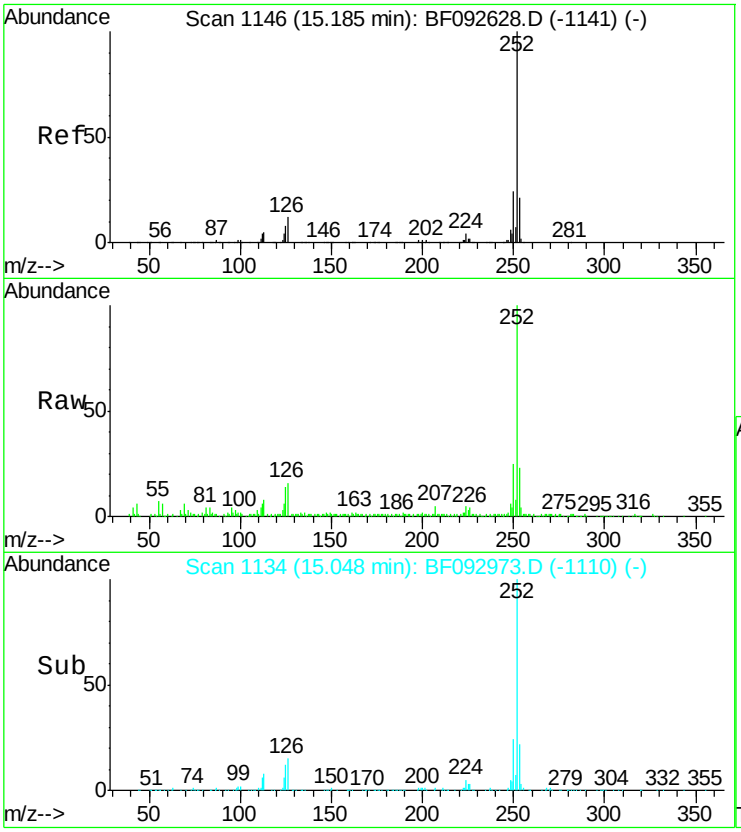


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF092973.D
Acq: 16 Feb 2017 1:26

Tgt Ion:264 Resp: 291109

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.2	17.4	26.0



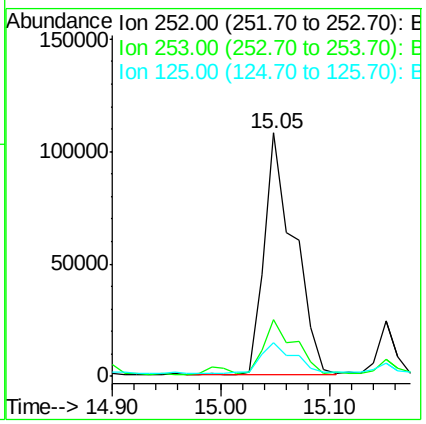


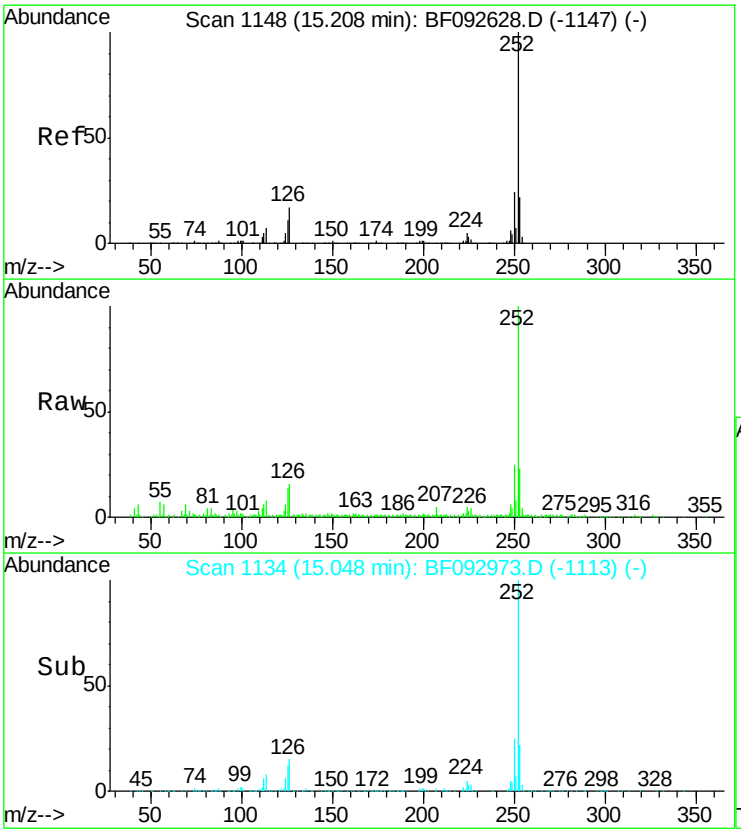
#87
Benzo(b)fluoranthene
Concen: 10.82 ng
RT: 15.05 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF092973.D
Acq: 16 Feb 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 207369

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	13.7	9.8	14.6

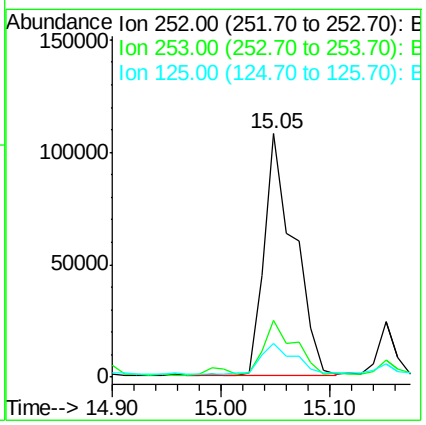


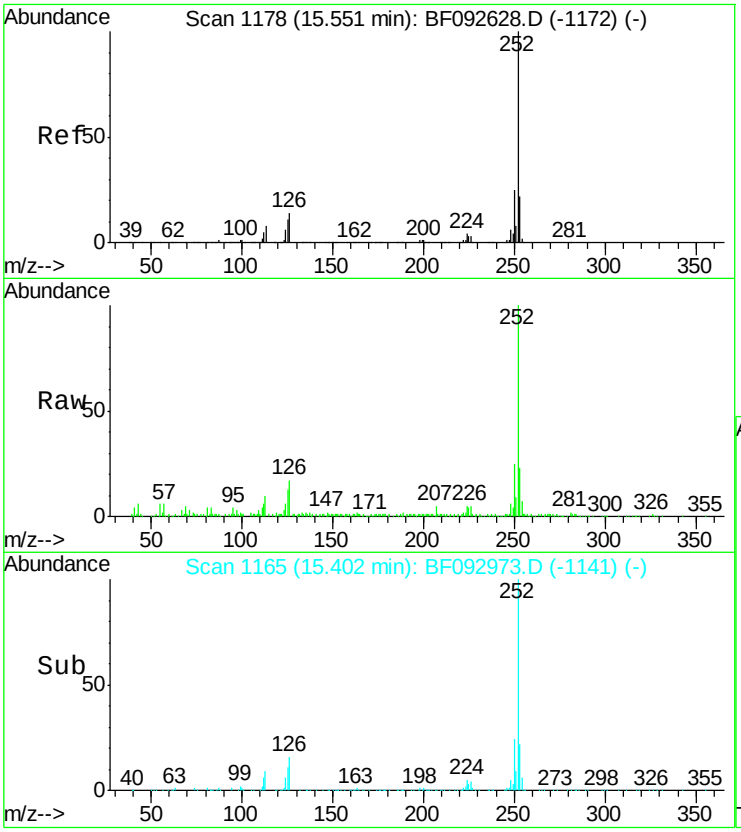


#88
Benzo(k)fluoranthene
Concen: 12.53 ng
RT: 15.05 min Scan# 1134
Delta R.T. -0.06 min
Lab File: BF092973.D
Acq: 16 Feb 2017 1:26

Tgt Ion:252 Resp: 207369

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.5	27.7
125	13.7	8.9	13.3#



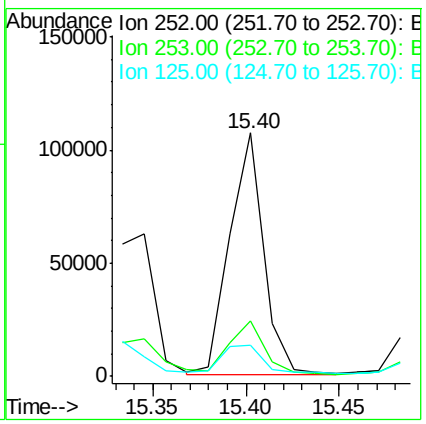


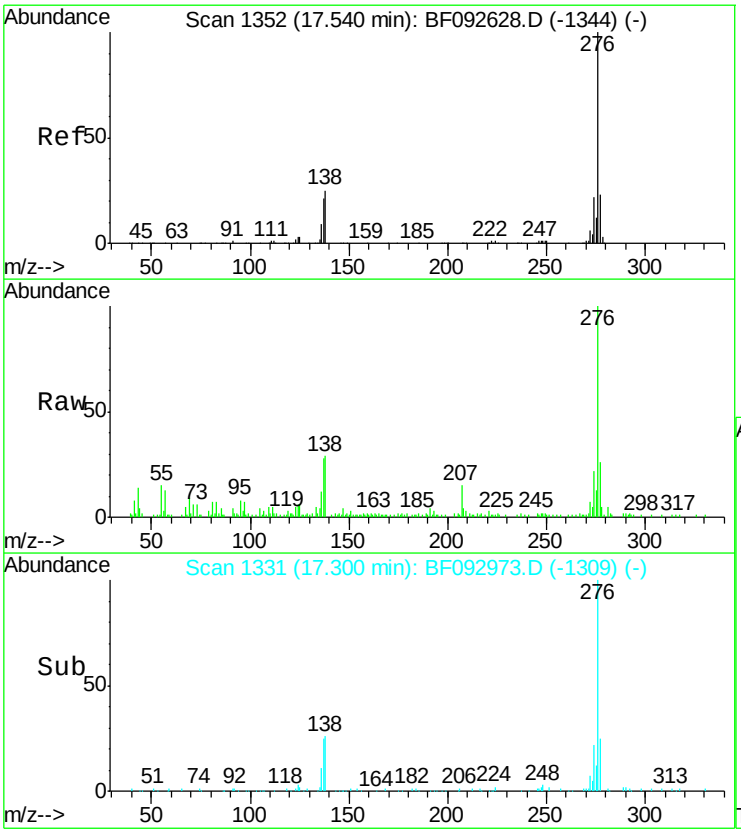
#89
Benzo(a)pyrene
Concen: 8.20 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BF092973.D
Acq: 16 Feb 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 135902

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	12.6	10.0	15.0





#91
Benzo(g,h,i)perylene
Concen: 5.46 ng
RT: 17.30 min Scan# 1331
Delta R.T. -0.05 min
Lab File: BF092973.D
Acq: 16 Feb 2017 1:26

Tgt Ion:276 Resp: 73922

Ion	Ratio	Lower	Upper
276	100		
277	26.4	19.2	28.8
138	28.8	16.0	24.0#