Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\

Quantitation Report (Not Reviewed)

Data File : BF093261.D
Acq On : 28 Feb 2017 21:07
Operator : SJ/MA
Sample : I2017-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK3-11-20170227

Quant Time: Mar 01 02:19:14 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	142047	20.00	ng		-0.05
21) Naphthalene-d8	8.10	136	498363	20.00	ng		-0.05
38) Acenaphthene-d10	9.85	164	206833	20.00	ng		-0.05
63) Phenanthrene-d10	11.33	188	330831	20.00	ng		-0.05
75) Chrysene-d12	13.99	240	288127	20.00	ng		-0.03
86) Perylene-d12	15.41	264	214675	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	840579	101.52	ng		-0.03
7) Phenol-d6	6.46	99	1058296	99.34	ng		-0.02
23) Nitrobenzene-d5	7.38	82	653773	73.05	ng		-0.05
41) 2,4,6-Tribromophenol	10.65	330	147627	98.68	ng		-0.03
44) 2-Fluorobiphenyl	9.17	172	957154	83.84	ng		-0.05
78) Terphenyl-d14	12.92	244	679171	55.39	ng		-0.05
Target Compounds							Qvalue
10) Phenol	6.48	94	96596	7.75	ng	#	70
19) n-Nitroso-di-n-propylamine	7.38	70	89327	13.17	ng	#	80
25) Isophorone	7.38	82	519387	31.15	ng	#	65
31) Naphthalene	8.12	128	108426	4.29	ng		97
32) Benzoic acid	7.90	122	6546	8.45	ng	#	25
48) Acenaphthylene	9.71	152	285549	14.11	ng		97
49) Dimethylphthalate	9.56	163	70098	5.03	ng	#	96
51) Acenaphthene	9.88	154	47448	3.92	ng		94
54) Dibenzofuran	10.05	168	70960	4.38	ng		92
57) Fluorene	10.40	166	93626	7.52	ng		99
64) 4,6-Dinitro-2-methylphenol	10.66	198	544	2.92	ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	10827	3.13	ng	#	1
70) Phenanthrene	11.36	178	1316367	69.45	ng		98
71) Anthracene	11.41	178	354229	18.61	ng		96
72) Carbazole	11.57	167	180867	9.94	ng		97
74) Fluoranthene	12.56	202	1643907	84.08	ng		99
77) Pyrene	12.79	202	1654252	76.72	ng		99
80) Benzo(a)anthracene	13.97	228	893859	50.72	ng		95
82) Chrysene	14.01	228	676394	40.99	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	26422	2.21	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.81	276	322081	25.20	ng		97
87) Benzo(b)fluoranthene	15.00	252	1058977	74.95	ng		98
88) Benzo(k)fluoranthene	15.00	252	1058977	86.80	ng	#	96
89) Benzo(a)pyrene	15.36	252	538849	44.09	ng		99
90) Dibenzo(a,h)anthracene	16.81	278	92749	9.39	ng	#	86
91) Benzo(g,h,i)perylene	17.23	276	311131	31.18	ng	#	90

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

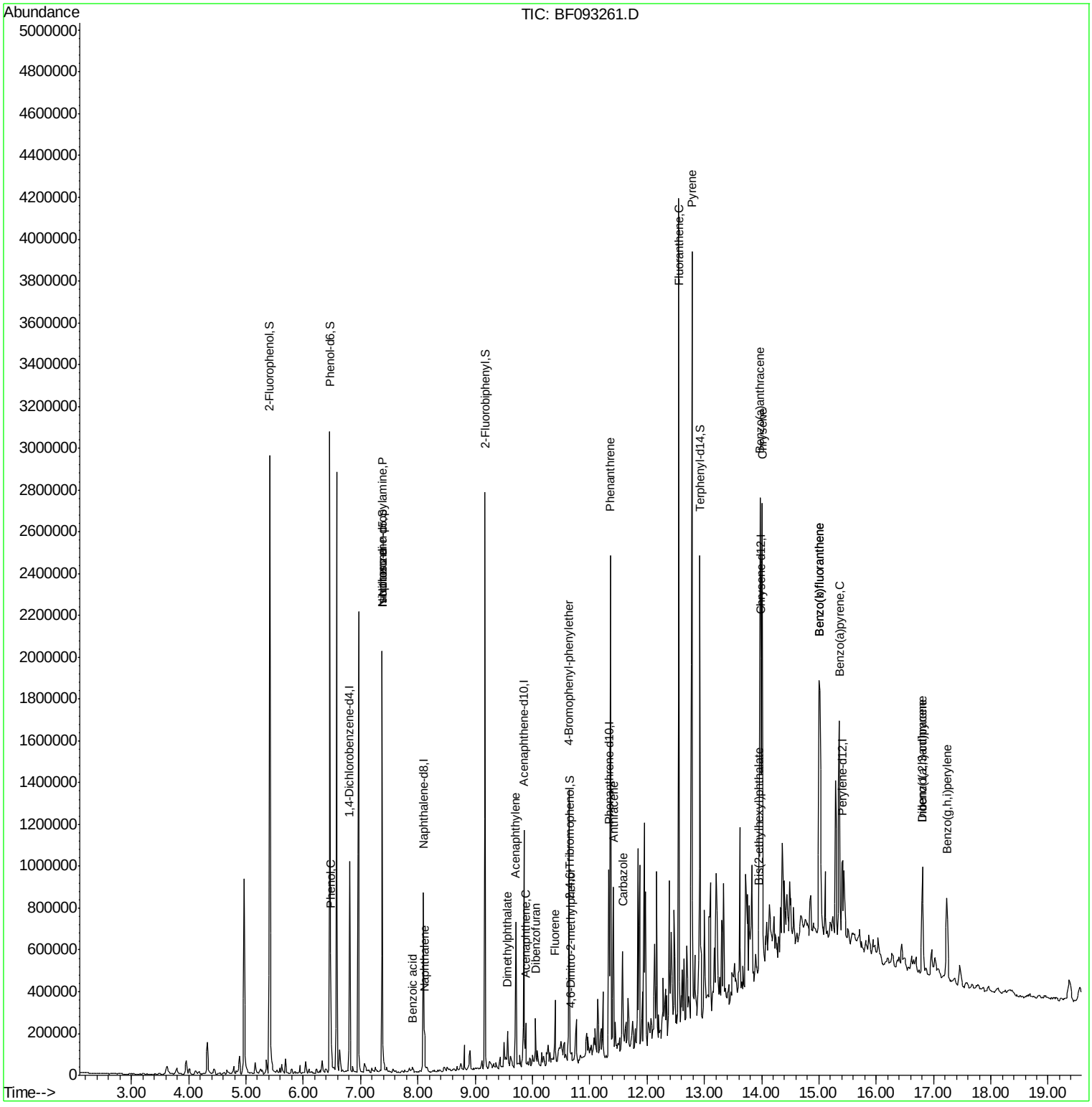
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\

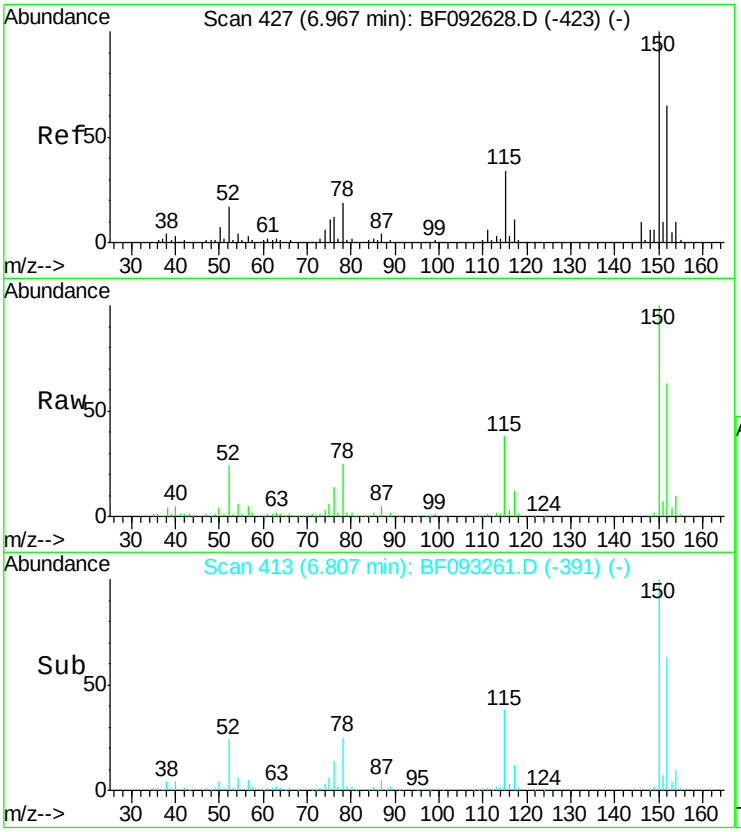
Quantitation Report (Not Reviewed)

Data File : BF093261.D
Acq On : 28 Feb 2017 21:07
Operator : SJ/MA
Sample : I2017-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK3-11-20170227

Quant Time: Mar 01 02:19:14 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration



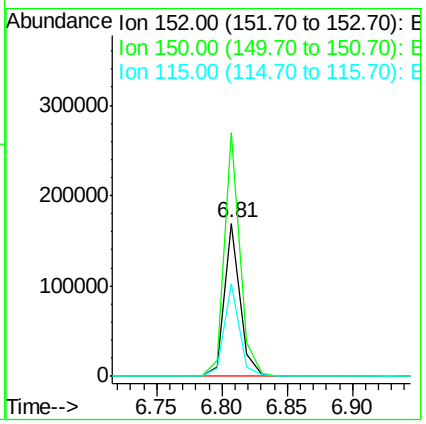


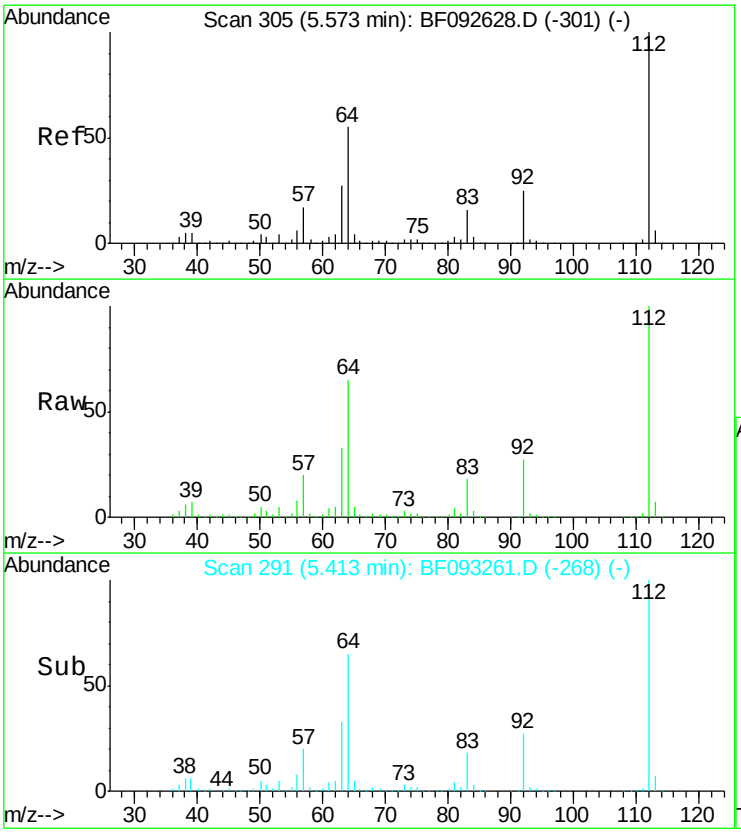
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Instrument :
BNA_F
ClientSampleId :
TK3-11-20170227

Tgt Ion:152 Resp: 142047

Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.9	187.3
115	60.0	46.0	69.0

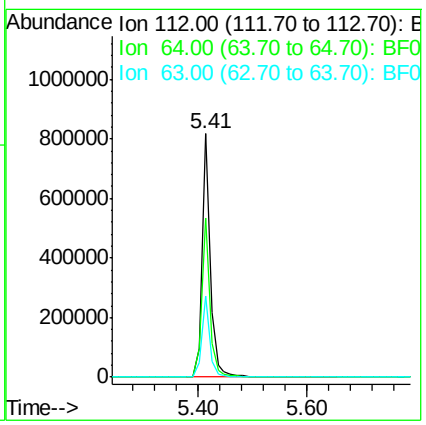


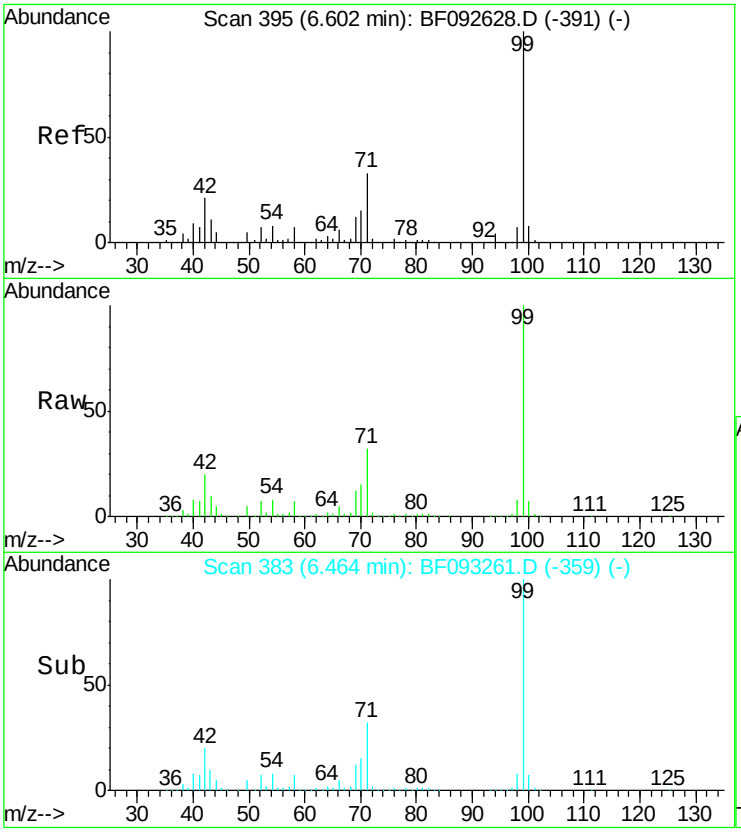


#5
2-Fluorophenol
Concen: 101.52 ng
RT: 5.41 min Scan# 291
Delta R.T. -0.03 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Tgt Ion:112 Resp: 840579

Ion	Ratio	Lower	Upper
112	100		
64	65.4	46.1	69.1
63	33.1	23.8	35.6



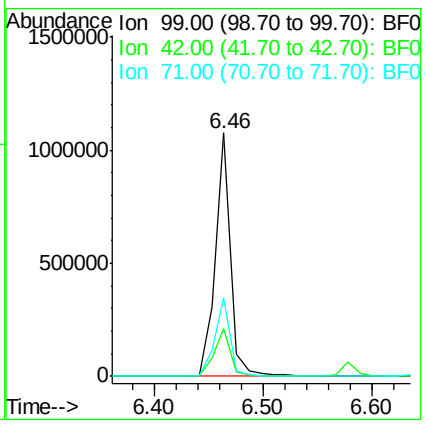


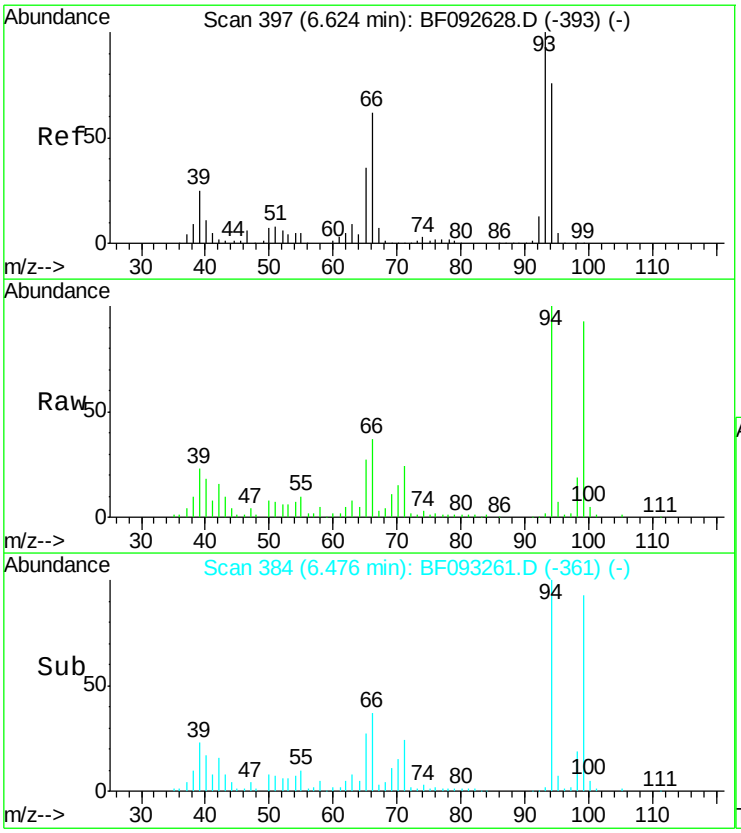
#7
Phenol-d6
Concen: 99.34 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.02 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Instrument :
BNA_F
ClientSampleId :
TK3-11-20170227

Tgt Ion: 99 Resp: 1058296

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.6	23.4
71	32.3	27.5	41.3

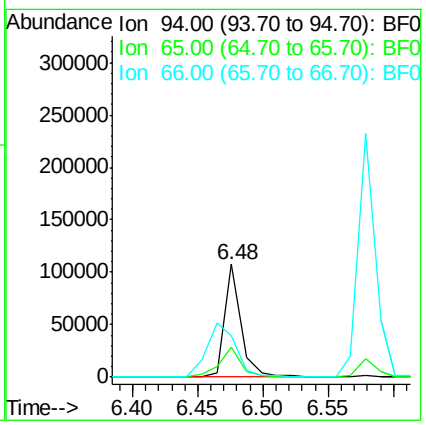


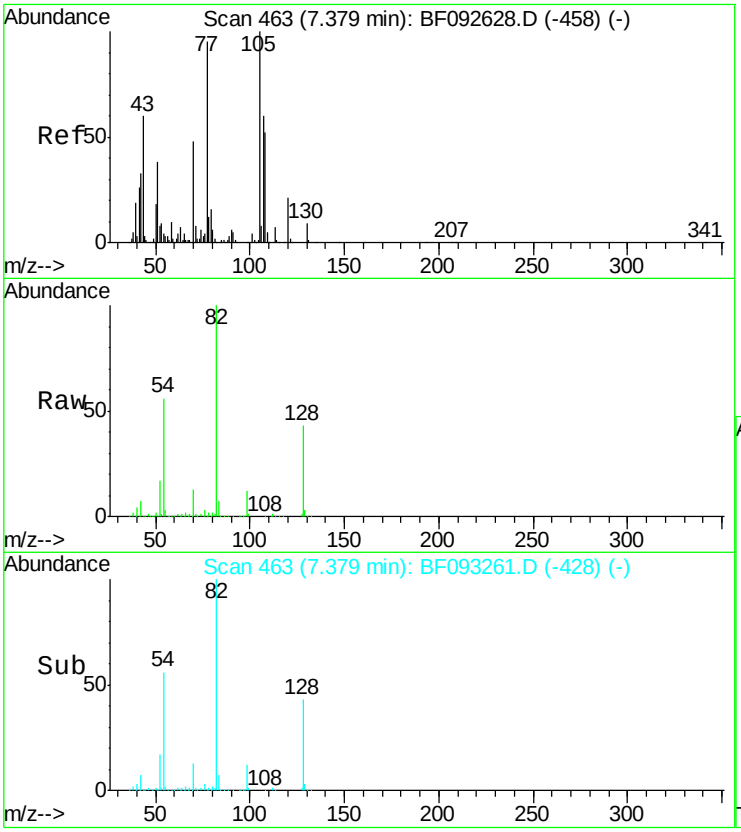


#10
Phenol
Concen: 7.75 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.03 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Tgt Ion: 94 Resp: 96596

Ion	Ratio	Lower	Upper
94	100		
65	26.7	21.4	61.4
66	36.8	44.0	84.0#



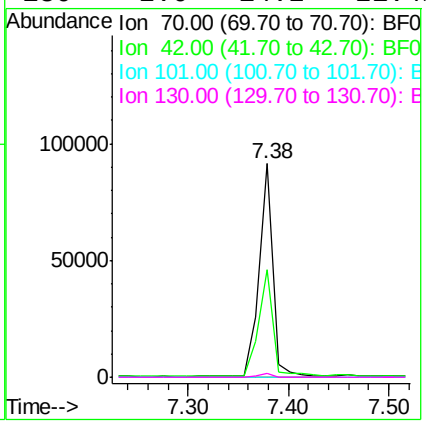


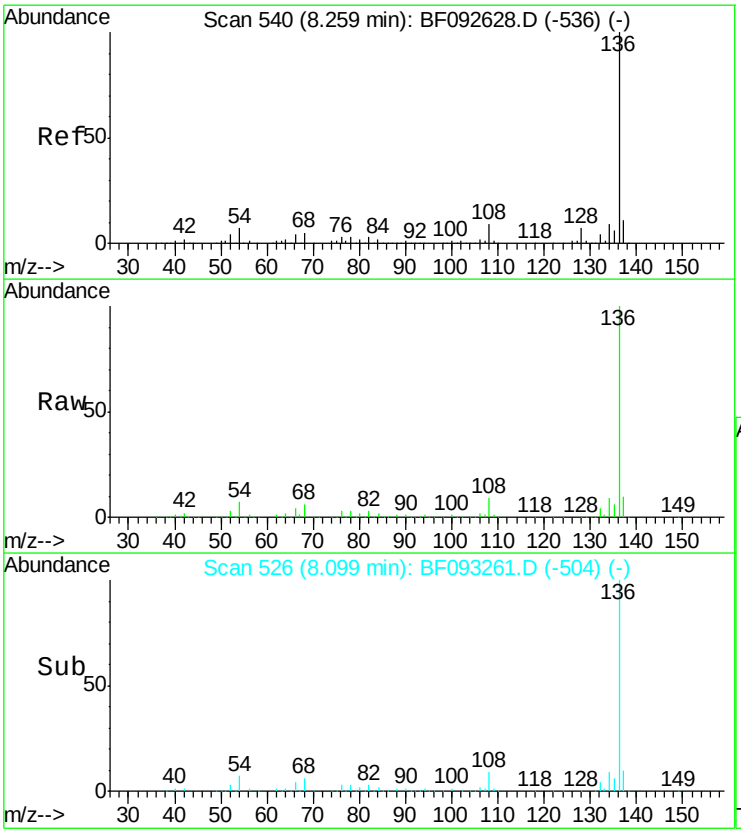
#19
n-Nitroso-di-n-propylamine
Concen: 13.17 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.10 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Instrument :
BNA_F
ClientSampleId :
TK3-11-20170227

Tgt Ion: 70 Resp: 89327

Ion	Ratio	Lower	Upper
70	100		
42	50.6	49.4	74.0
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#

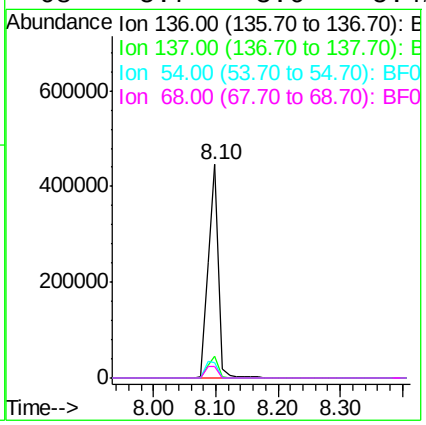


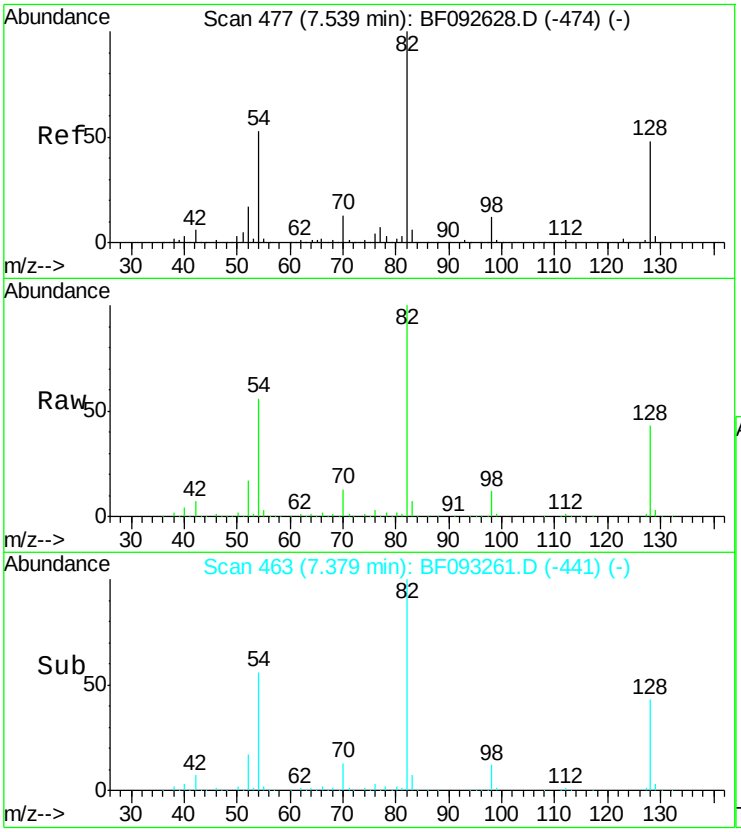


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Tgt Ion:136 Resp: 498363

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.4	12.6
54	7.5	4.5	6.7#
68	5.7	3.6	5.4#



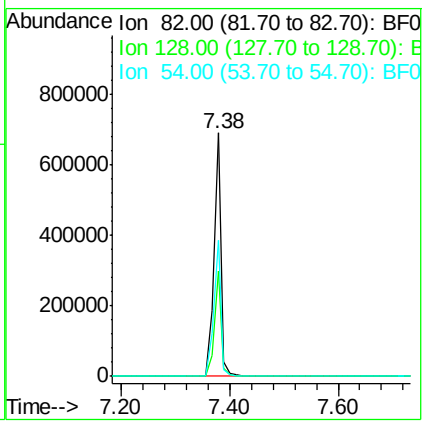


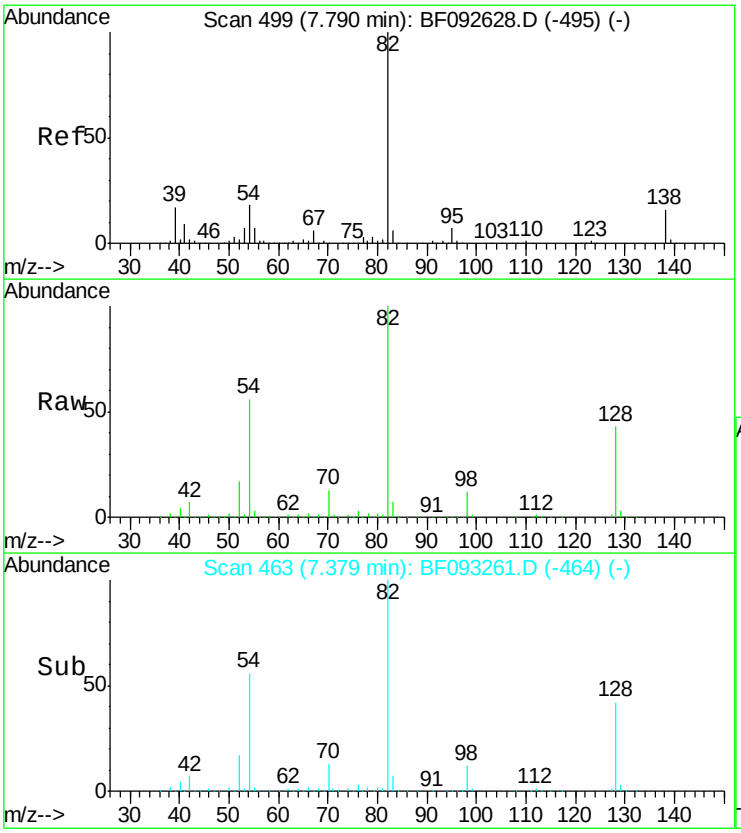
#23
Nitrobenzene-d5
Concen: 73.05 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Instrument :
BNA_F
ClientSampleId :
TK3-11-20170227

Tgt Ion: 82 Resp: 653773

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	52.0
54	55.7	39.5	59.3

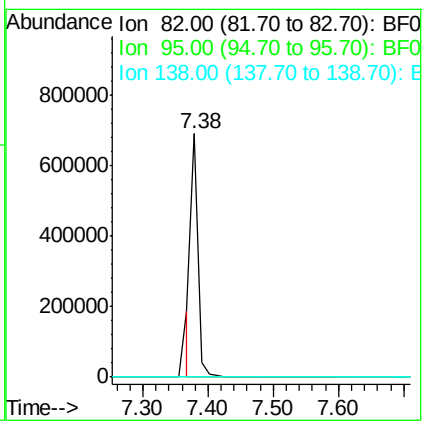


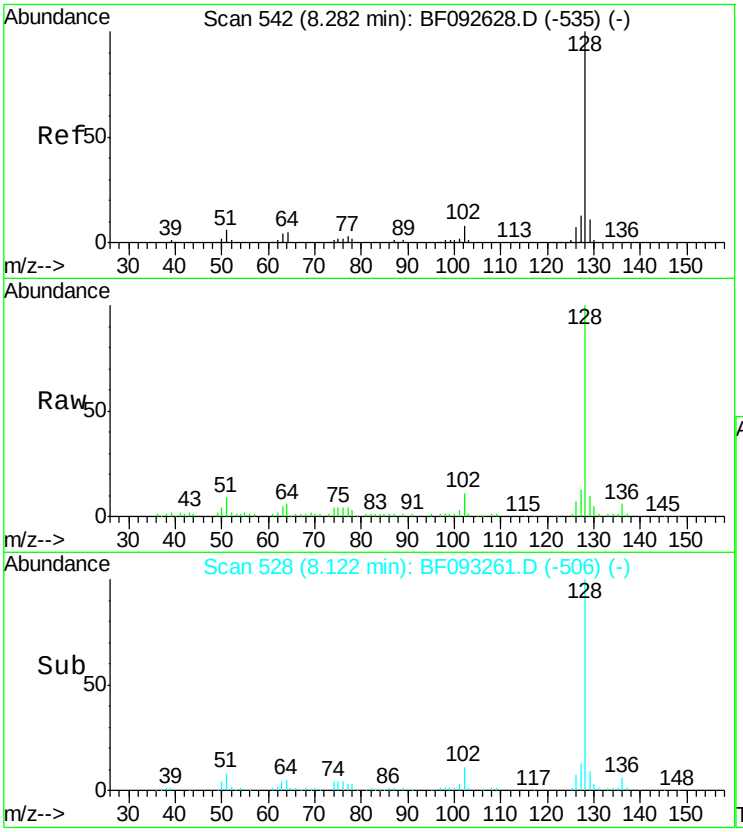


#25
Isophorone
Concen: 31.15 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.31 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Tgt Ion: 82 Resp: 519387

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	14.6	22.0#



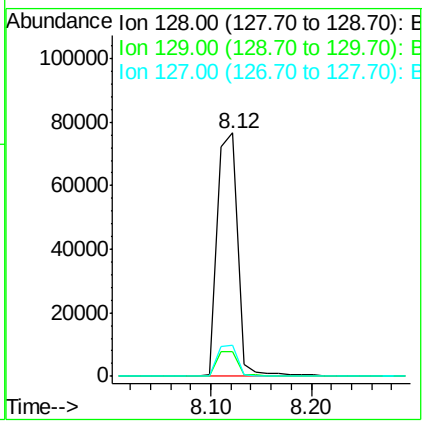


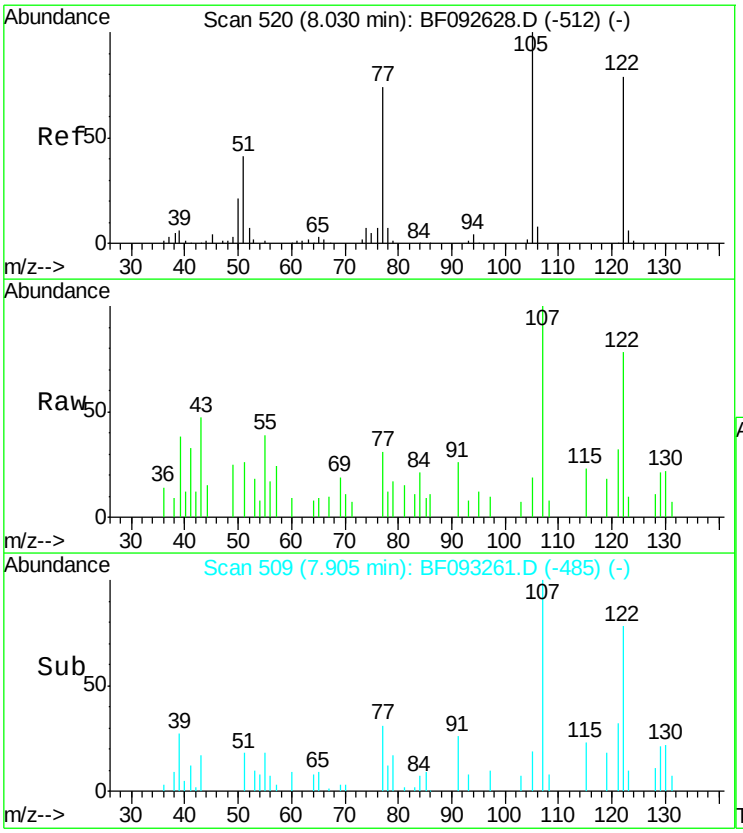
#31
Naphthalene
Concen: 4.29 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Instrument :
BNA_F
ClientSampleId :
TK3-11-20170227

Tgt Ion:128 Resp: 108426

Ion	Ratio	Lower	Upper
128	100		
129	10.0	9.5	14.3
127	12.8	10.8	16.2

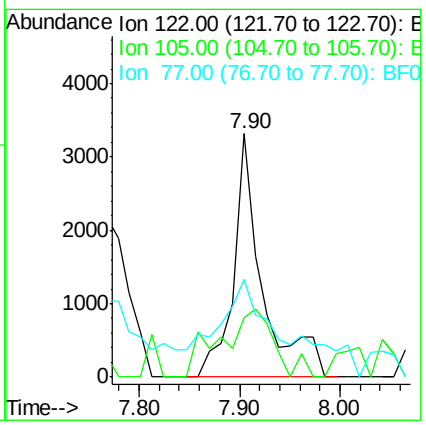


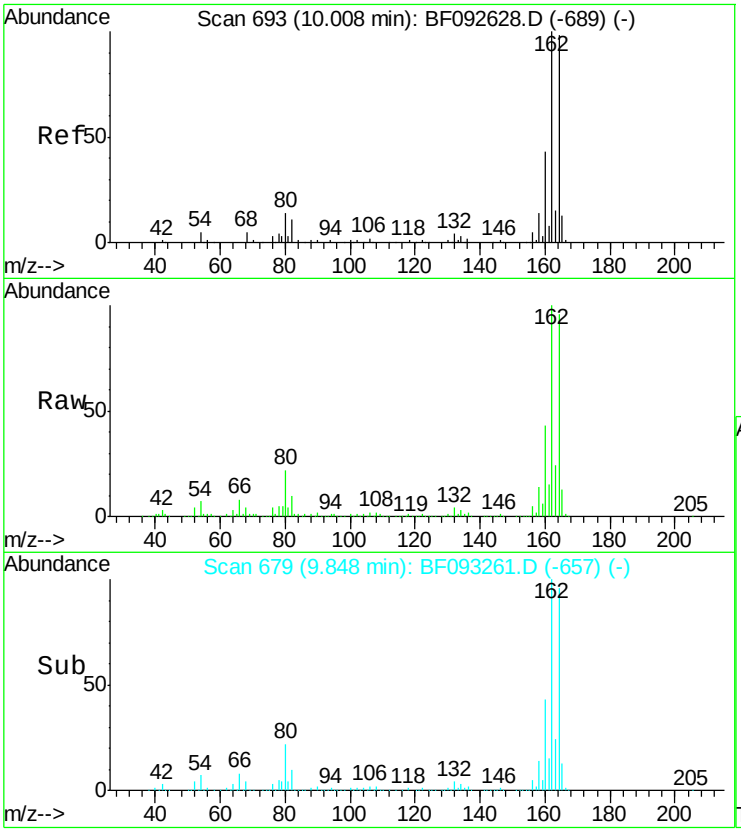


#32
Benzoic acid
Concen: 8.45 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Tgt Ion:122 Resp: 6546

Ion	Ratio	Lower	Upper
122	100		
105	24.2	107.2	147.2#
77	40.0	74.5	114.5#



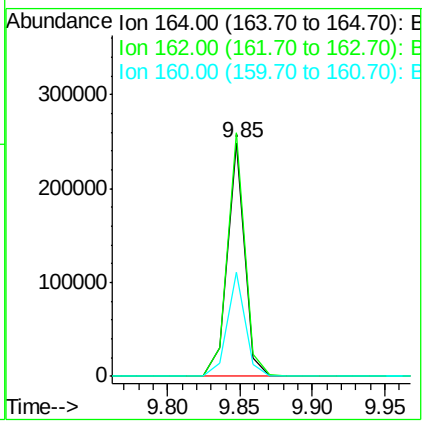


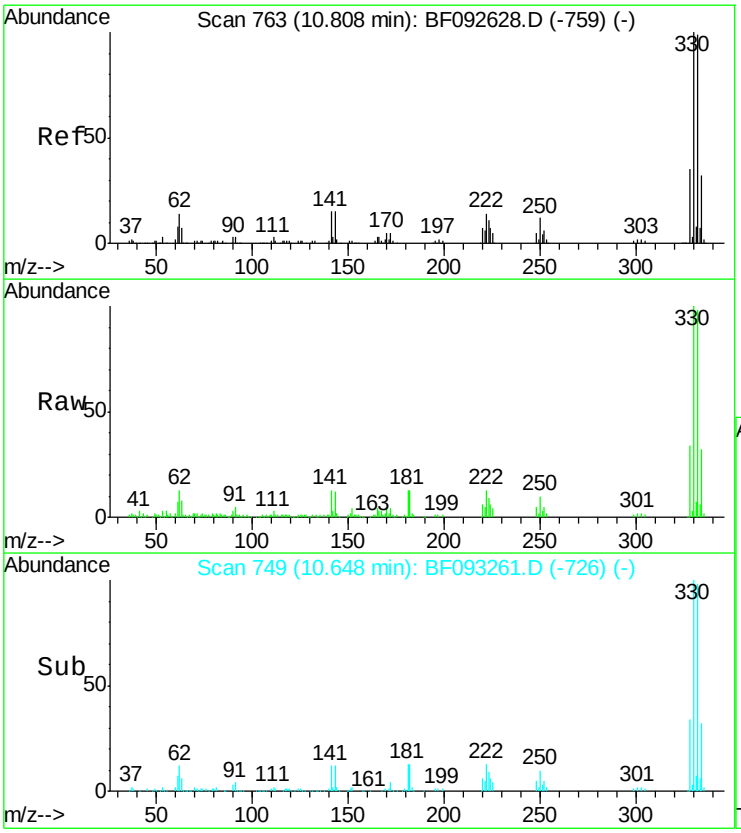
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Instrument :
BNA_F
ClientSampleId :
TK3-11-20170227

Tgt Ion:164 Resp: 206833

Ion	Ratio	Lower	Upper
164	100		
162	104.1	80.2	120.2
160	44.5	36.9	55.3

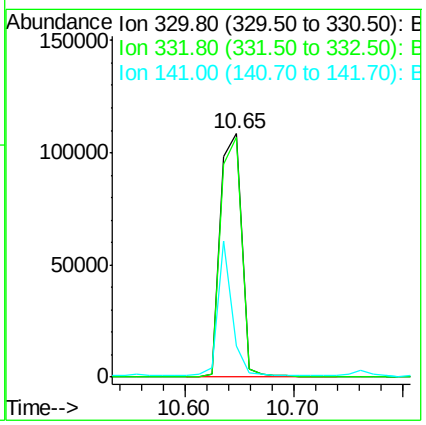


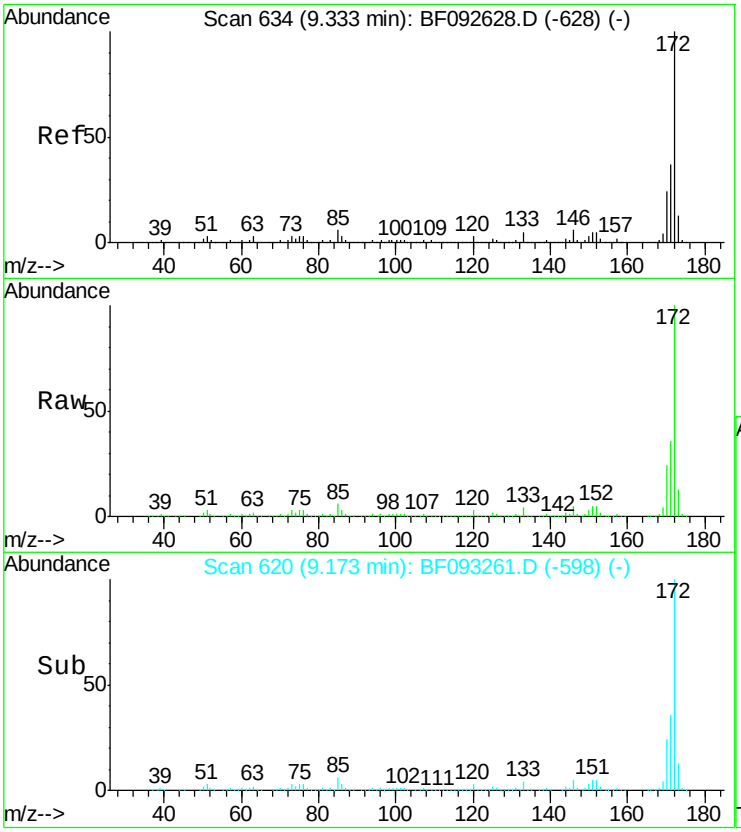


#41
2,4,6-Tribromophenol
Concen: 98.68 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.03 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Tgt Ion:330 Resp: 147627

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.2
141	38.6	34.1	51.1



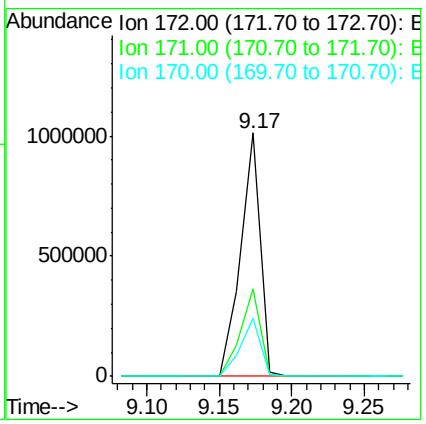


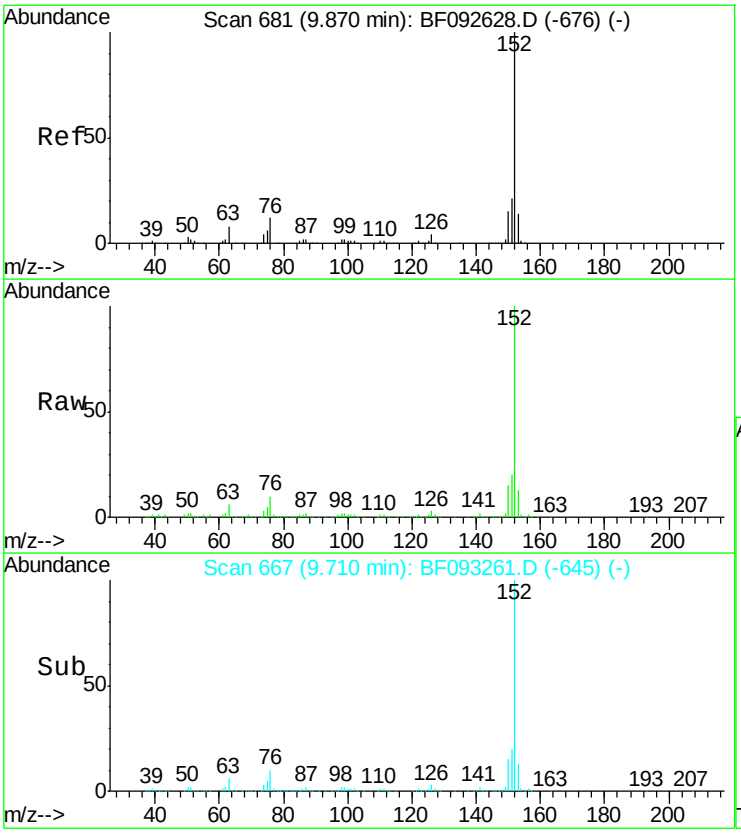
#44
2-Fluorobiphenyl
Concen: 83.84 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Instrument :
BNA_F
ClientSampleId :
TK3-11-20170227

Tgt Ion:172 Resp: 957154

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.0	20.2	30.4

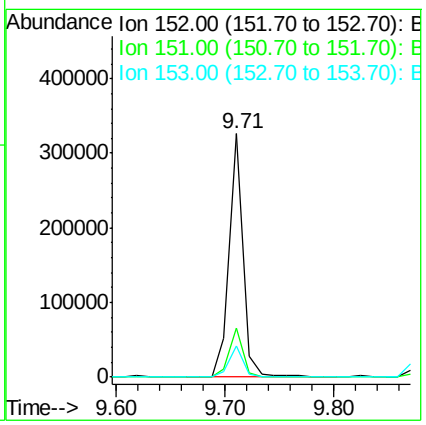


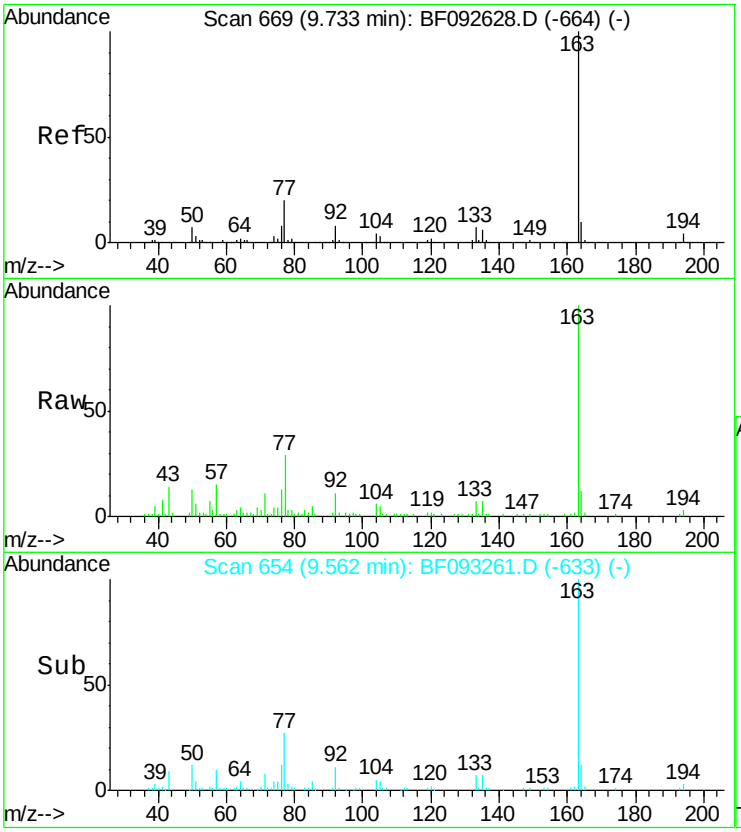


#48
Acenaphthylene
Concen: 14.11 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.05 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Tgt Ion:152 Resp: 285549

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.9	25.3
153	12.9	11.4	17.2



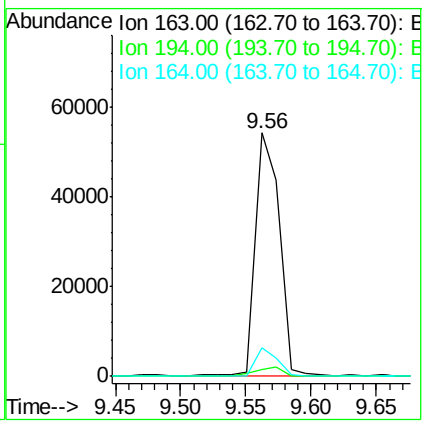


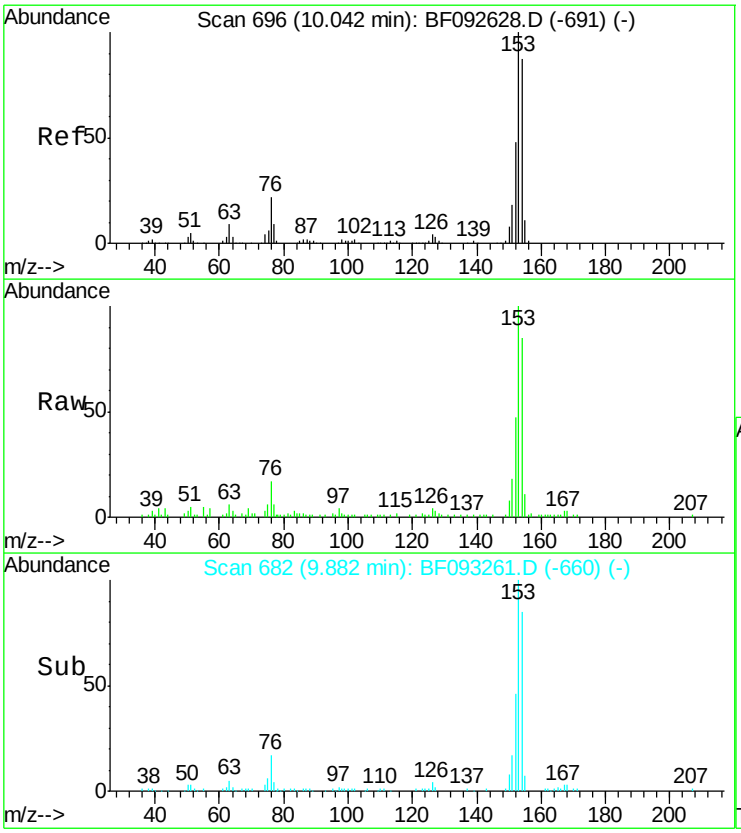
#49
Dimethylphthalate
Concen: 5.03 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Instrument :
BNA_F
ClientSampleId :
TK3-11-20170227

Tgt Ion:163 Resp: 70098

Ion	Ratio	Lower	Upper
163	100		
194	2.9	3.0	4.4#
164	11.6	8.0	12.0

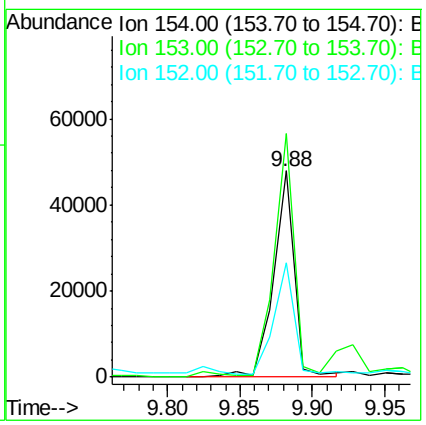


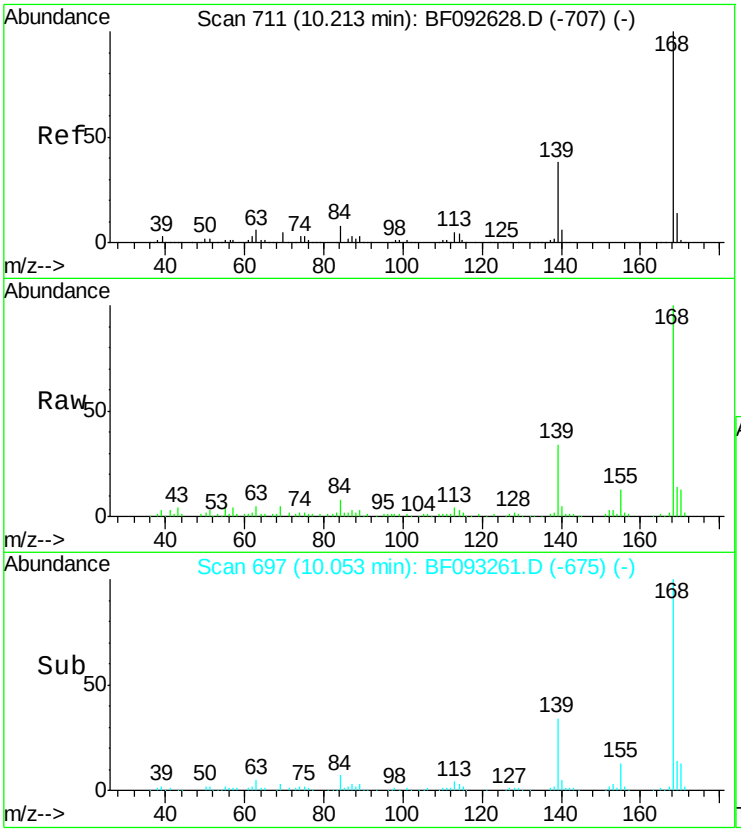


#51
Acenaphthene
Concen: 3.92 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Tgt Ion:154 Resp: 47448

Ion	Ratio	Lower	Upper
154	100		
153	118.3	88.6	133.0
152	55.6	41.6	62.4



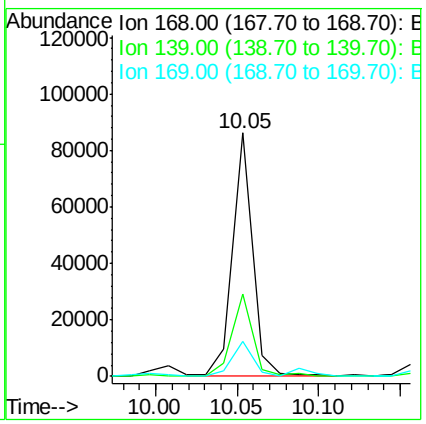


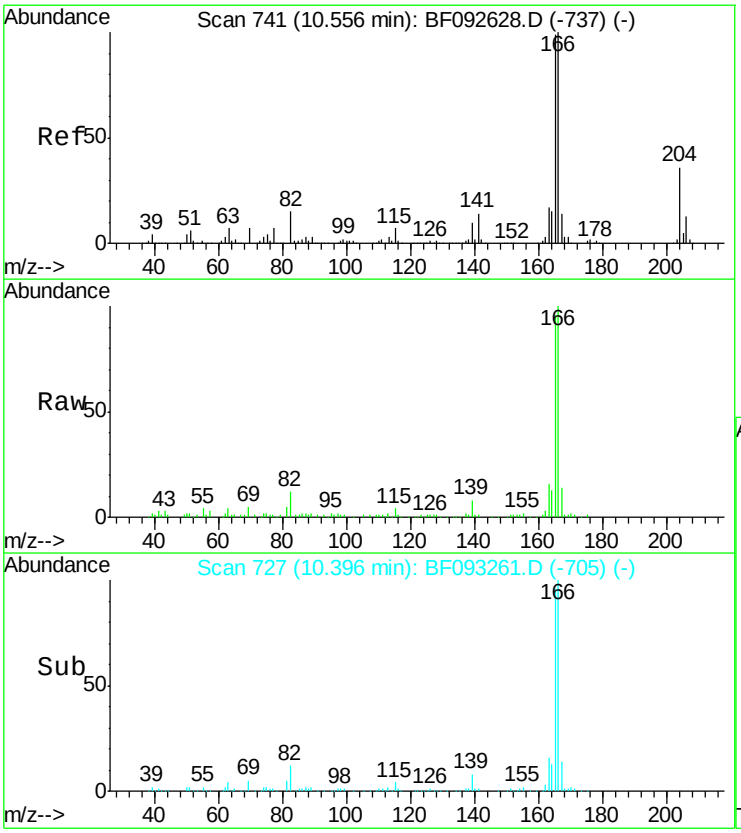
#54
Dibenzofuran
Concen: 4.38 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Instrument :
BNA_F
ClientSampleId :
TK3-11-20170227

Tgt Ion:168 Resp: 70960

Ion	Ratio	Lower	Upper
168	100		
139	34.1	32.6	49.0
169	14.4	11.3	16.9

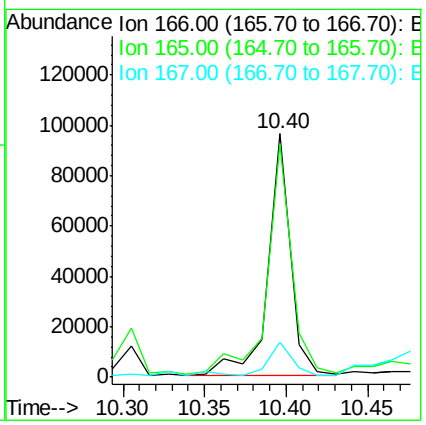


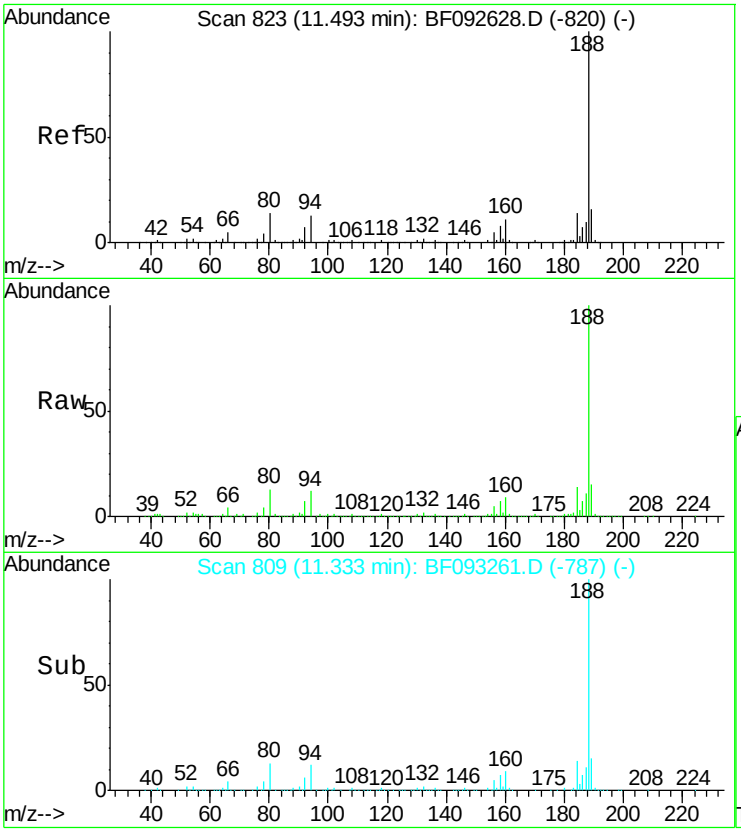


#57
Fluorene
Concen: 7.52 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.05 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Tgt Ion:166 Resp: 93626

Ion	Ratio	Lower	Upper
166	100		
165	96.1	77.8	116.8
167	14.5	10.8	16.2



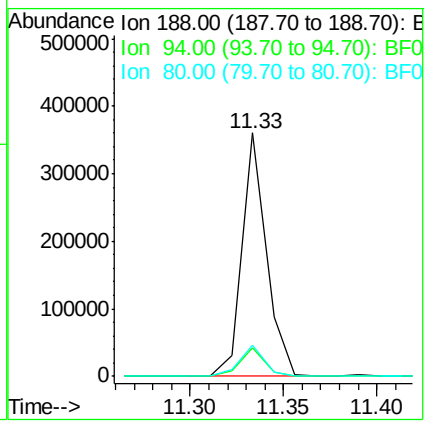


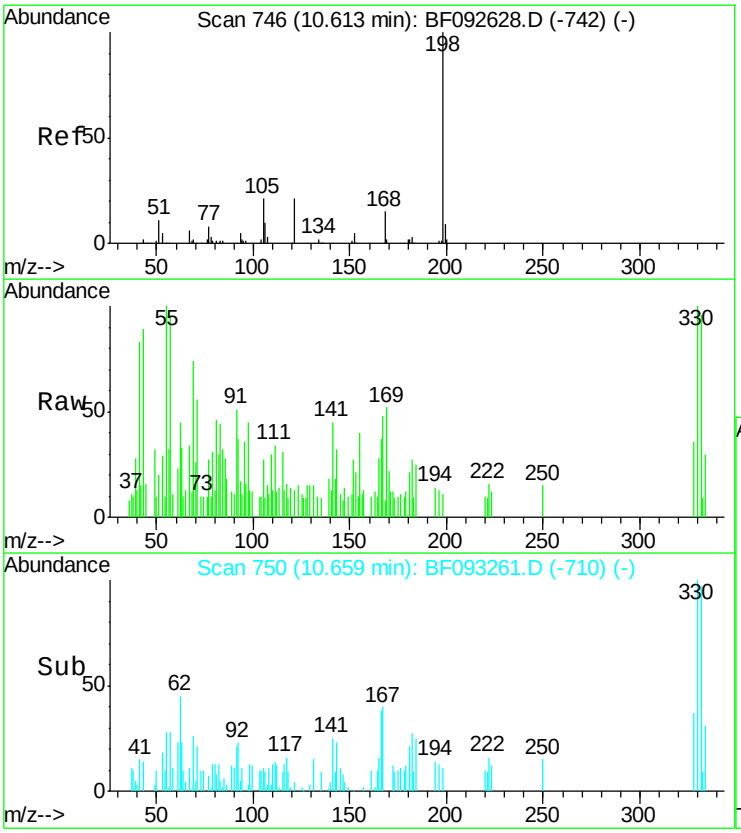
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Instrument :
BNA_F
ClientSampleId :
TK3-11-20170227

Tgt Ion:188 Resp: 330831

Ion	Ratio	Lower	Upper
188	100		
94	12.0	10.0	15.0
80	12.7	11.2	16.8

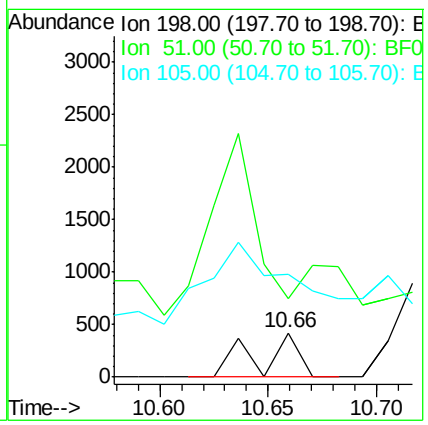


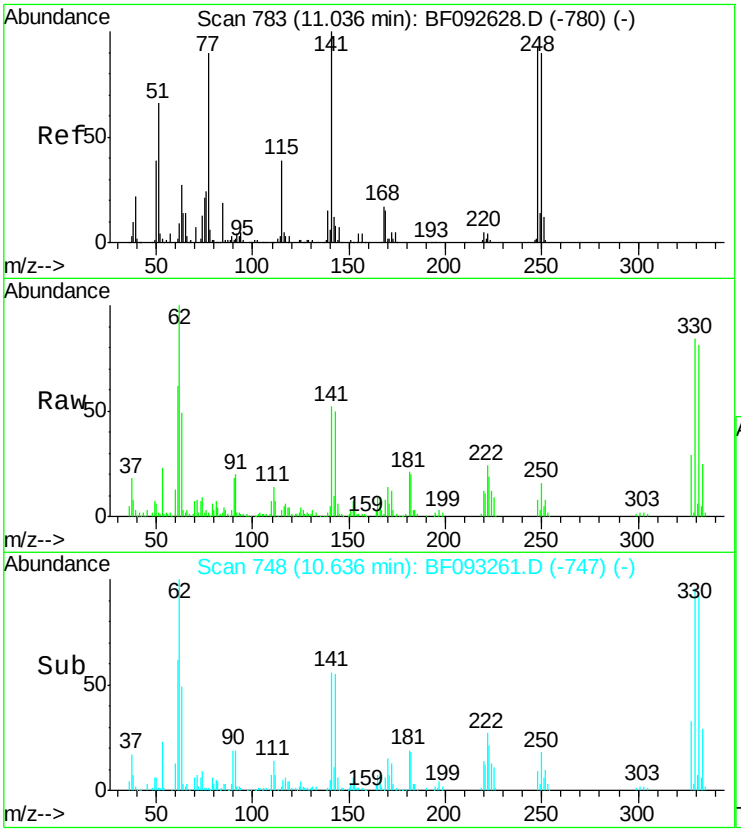


#64
4,6-Dinitro-2-methylphenol
Concen: 2.92 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.16 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Tgt Ion:198 Resp: 544

Ion	Ratio	Lower	Upper
198	100		
51	178.9	6.7	46.7#
105	234.9	16.6	56.6#



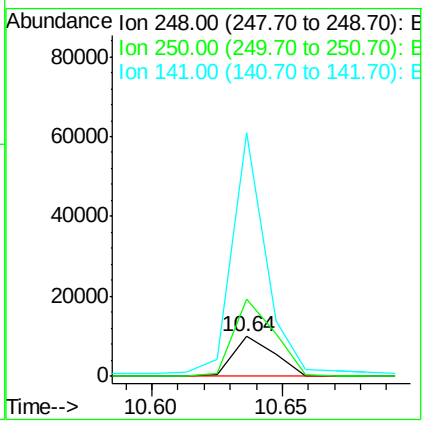


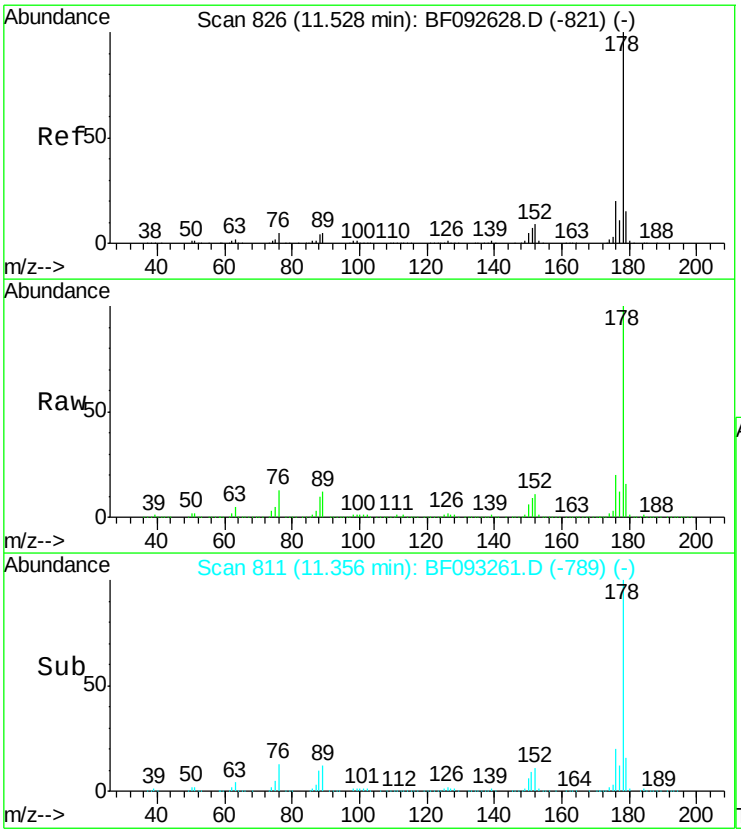
#66
4-Bromophenyl-phenylether
Concen: 3.13 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.29 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Instrument :
BNA_F
ClientSampleId :
TK3-11-20170227

Tgt Ion:248 Resp: 10827

Ion	Ratio	Lower	Upper
248	100		
250	193.6	76.9	115.3#
141	615.4	68.2	102.4#

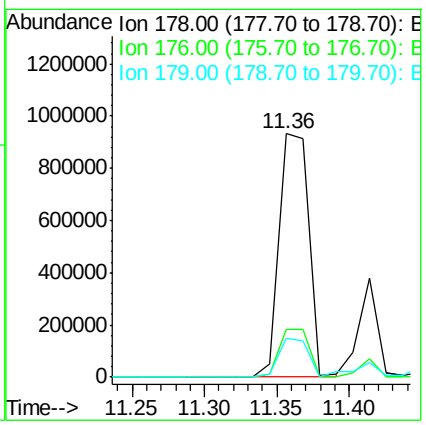


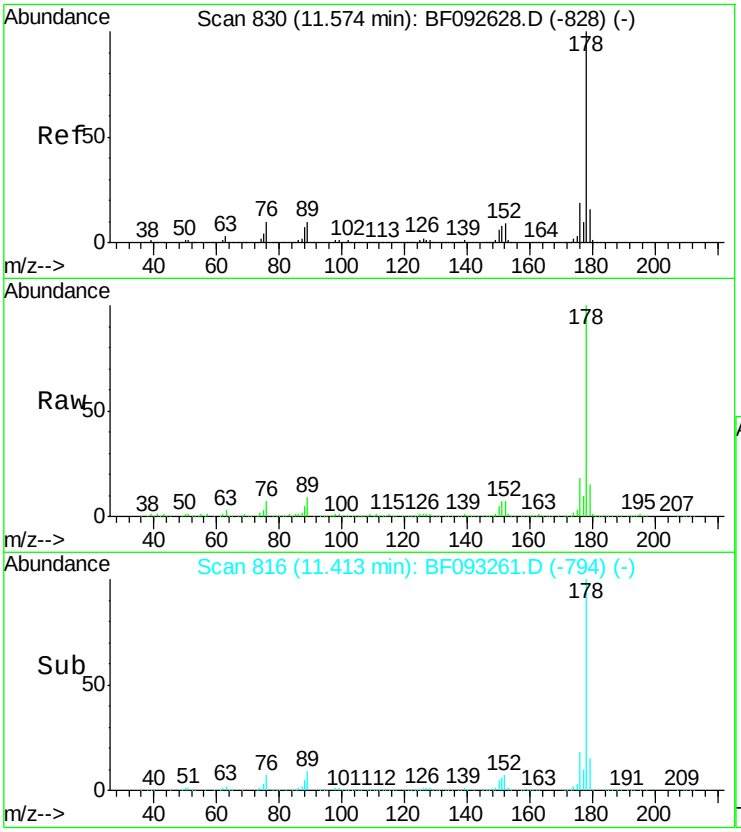


#70
Phenanthrene
Concen: 69.45 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.05 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Tgt Ion:178 Resp: 1316367

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.6	25.0
179	16.1	12.8	19.2



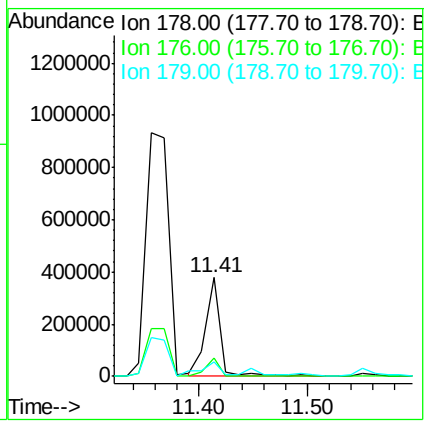


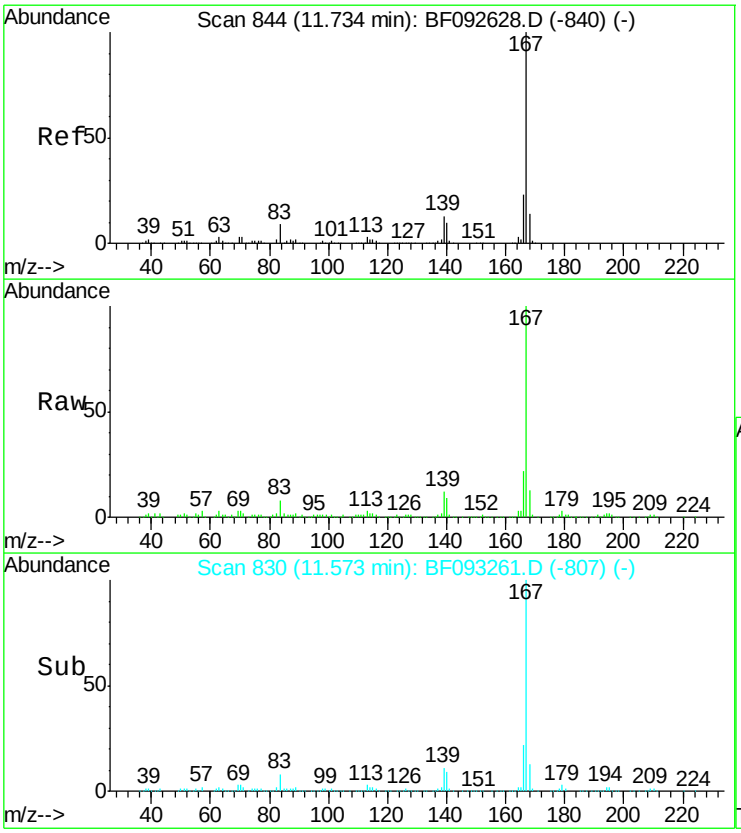
#71
Anthracene
Concen: 18.61 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.05 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Instrument :
BNA_F
ClientSampleId :
TK3-11-20170227

Tgt Ion:178 Resp: 354229

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.9	23.9
179	15.2	13.2	19.8

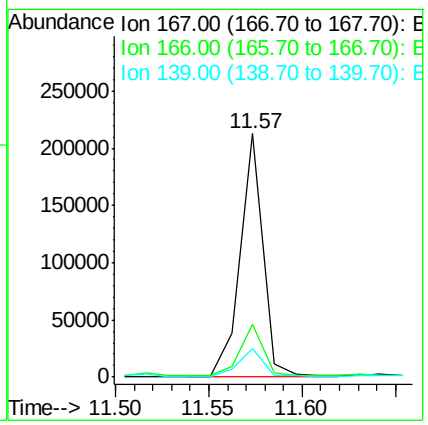


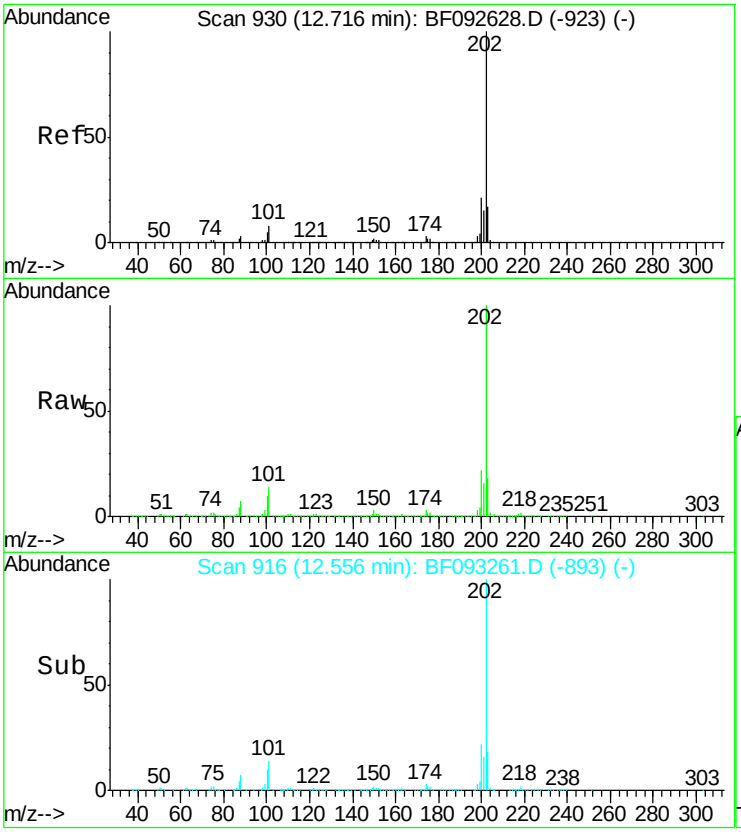


#72
Carbazole
Concen: 9.94 ng
RT: 11.57 min Scan# 830
Delta R.T. -0.03 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Tgt Ion:167 Resp: 180867

Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.2	27.2
139	11.8	11.4	17.2



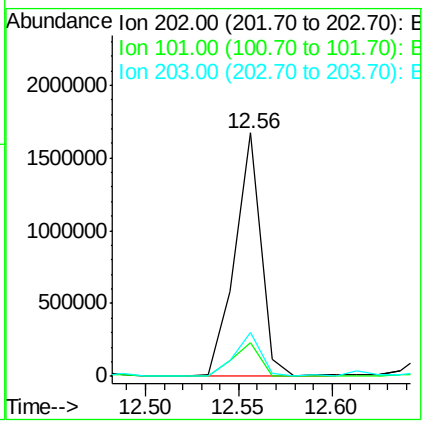


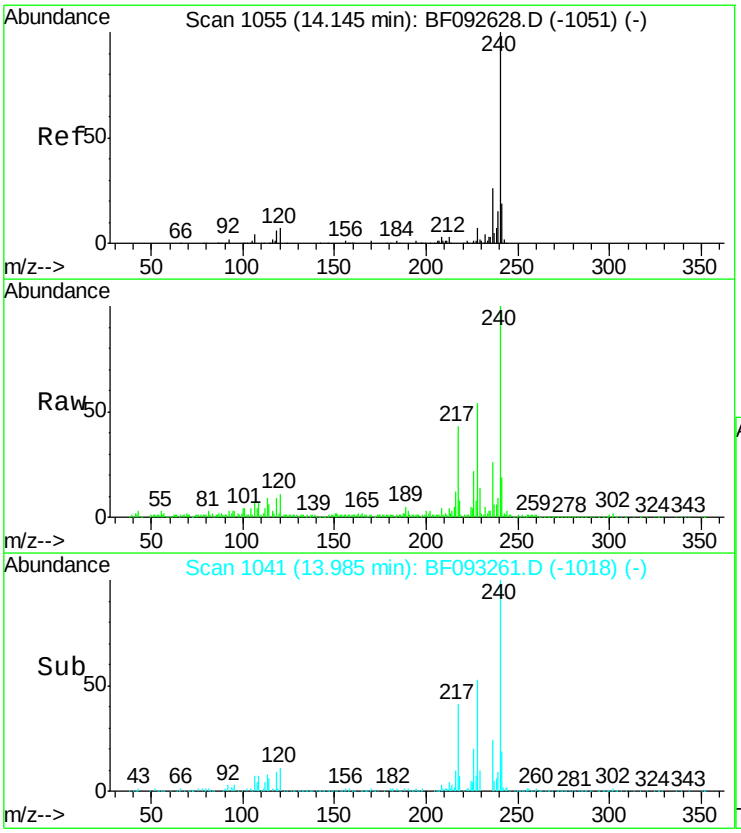
#74
Fluoranthene
Concen: 84.08 ng
RT: 12.56 min Scan# 916
Delta R.T. -0.03 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Instrument :
BNA_F
ClientSampleId :
TK3-11-20170227

Tgt Ion:202 Resp: 1643907

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	34.6
203	18.1	0.0	38.7

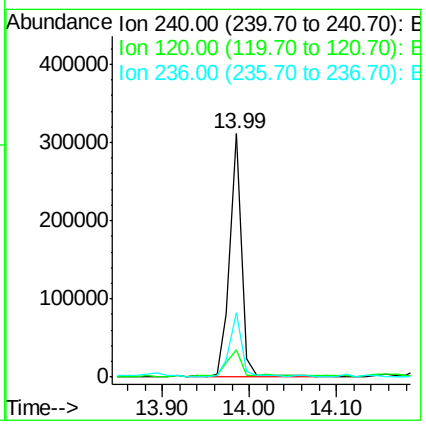


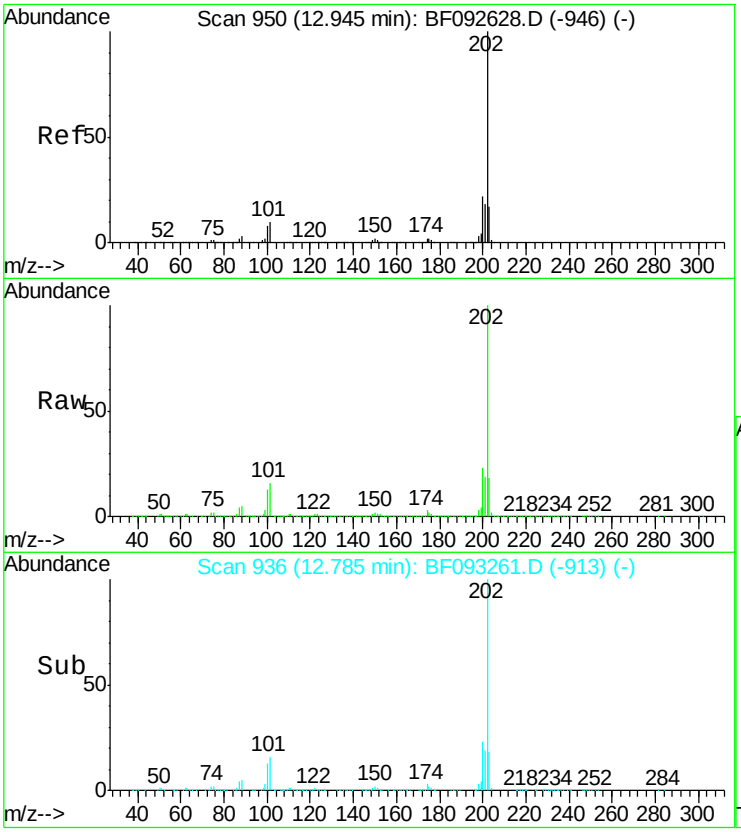


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Tgt Ion:240 Resp: 288127

Ion	Ratio	Lower	Upper
240	100		
120	11.1	12.9	19.3#
236	26.5	20.9	31.3



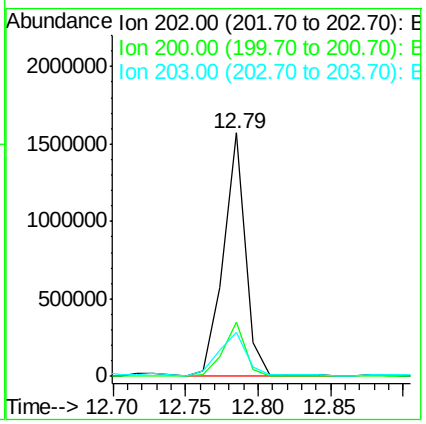


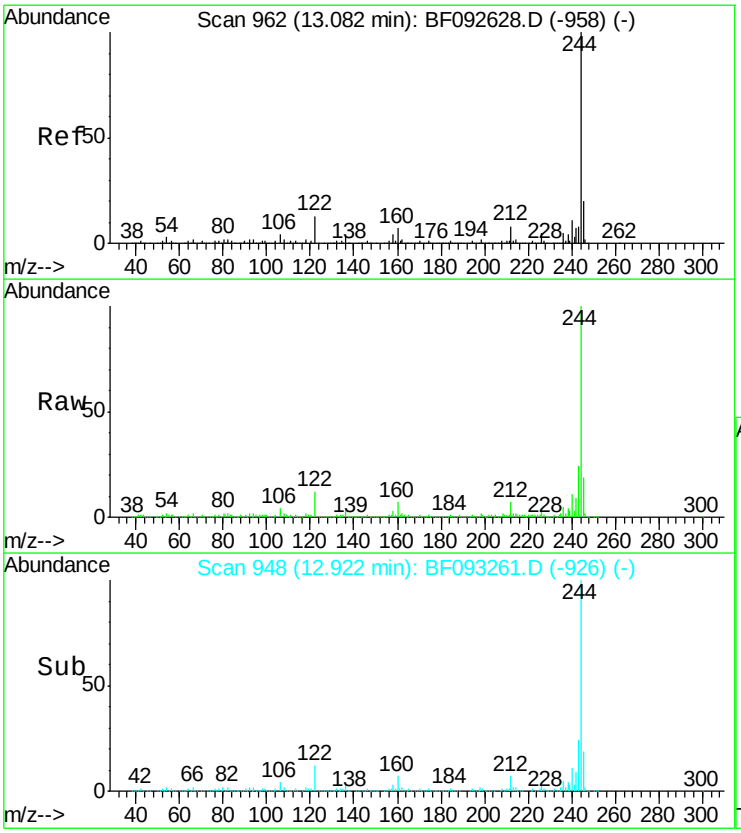
#77
Pyrene
Concen: 76.72 ng
RT: 12.79 min Scan# 936
Delta R.T. -0.03 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Instrument :
BNA_F
ClientSampleId :
TK3-11-20170227

Tgt Ion:202 Resp: 1654252

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.7	26.5
203	18.0	14.7	22.1

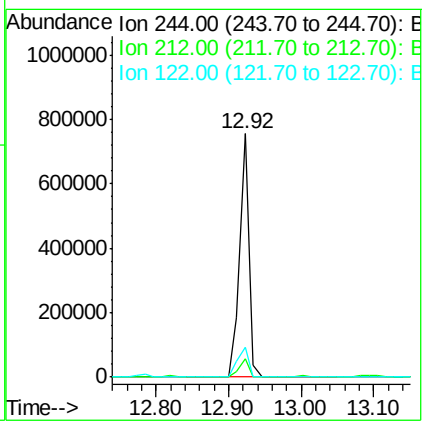


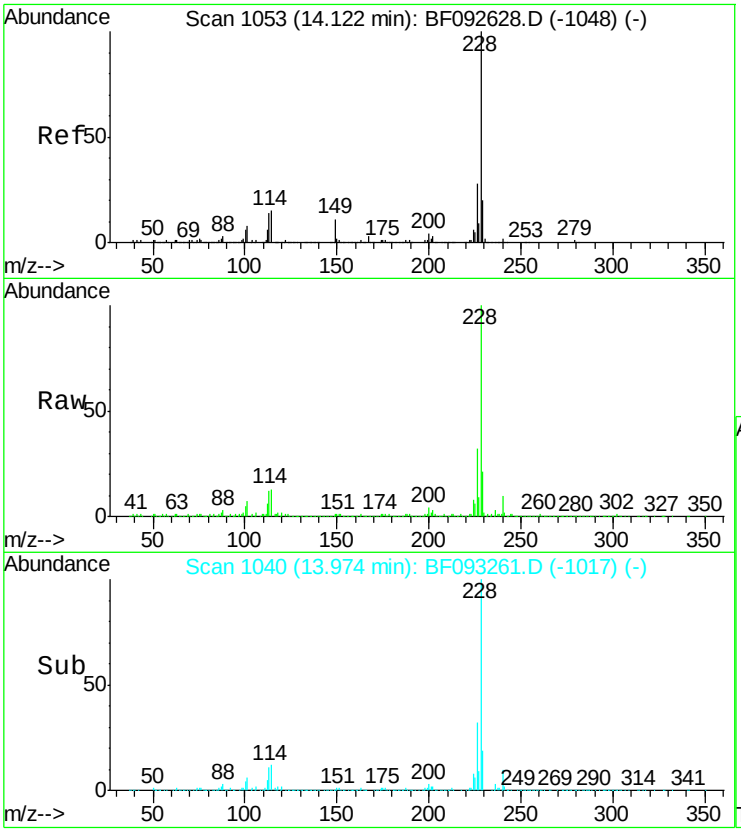


#78
Terphenyl-d14
Concen: 55.39 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.05 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Tgt Ion:244 Resp: 679171

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	12.1	11.4	17.2



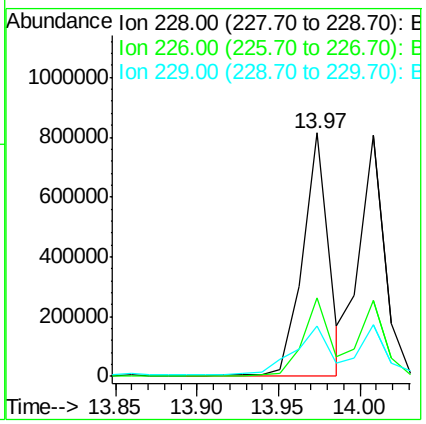


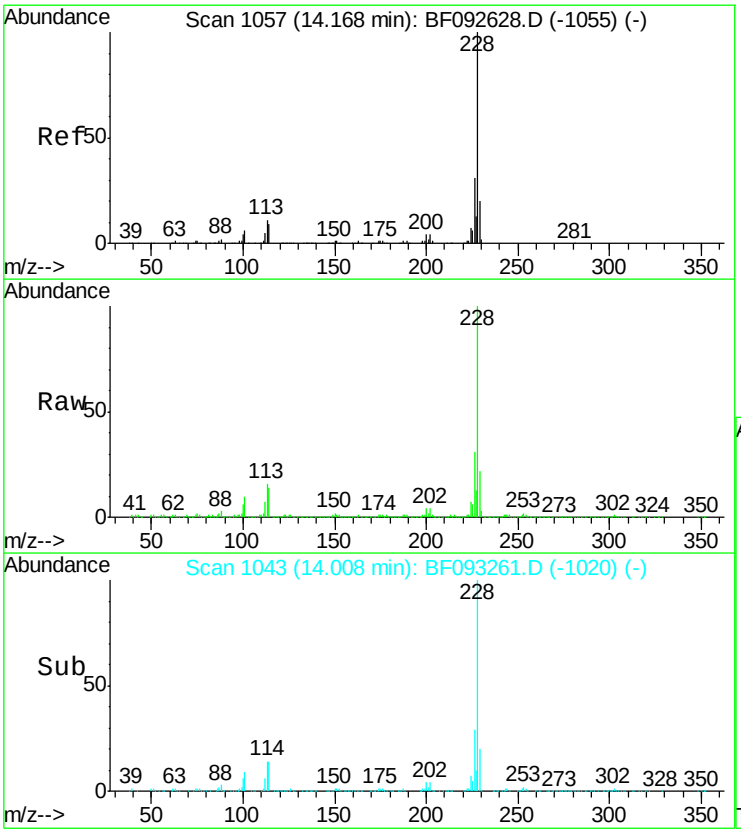
#80
Benzo(a)anthracene
Concen: 50.72 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.03 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Instrument :
BNA_F
ClientSampleId :
TK3-11-20170227

Tgt Ion:228 Resp: 893859

Ion	Ratio	Lower	Upper
228	100		
226	32.3	22.4	33.6
229	20.8	16.2	24.4

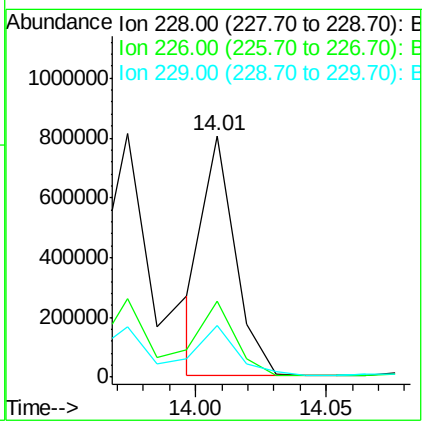


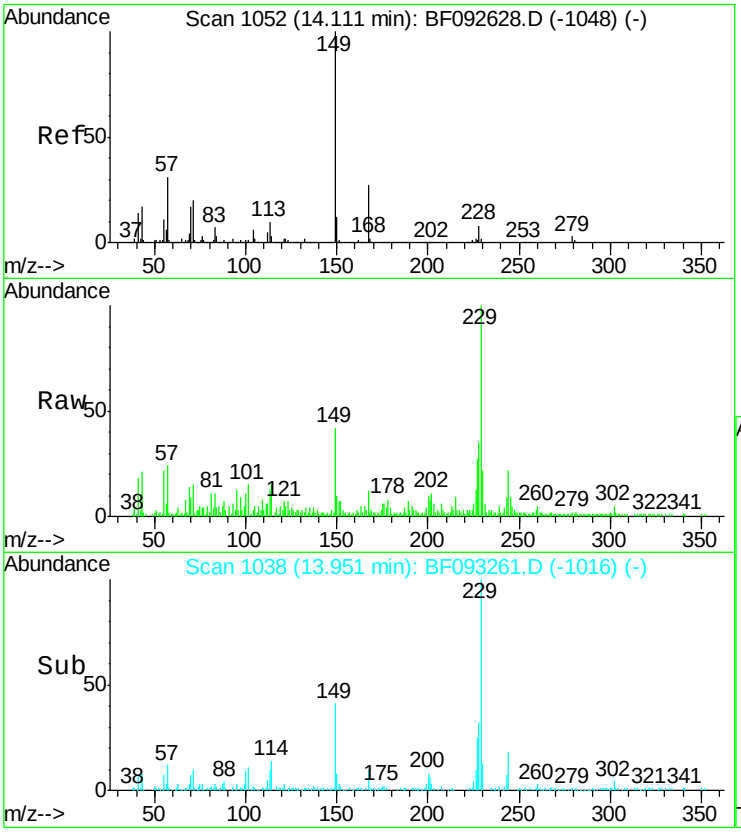


#82
Chrysene
Concen: 40.99 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Tgt Ion:228 Resp: 676394

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.4	38.0
229	21.6	16.2	24.2



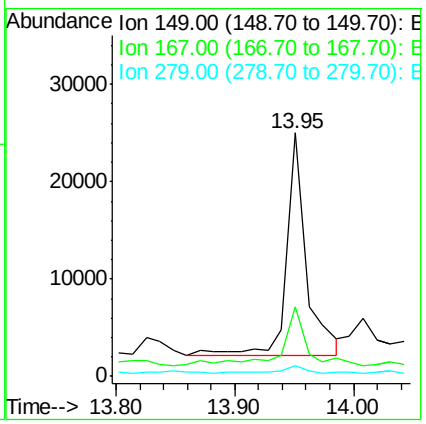


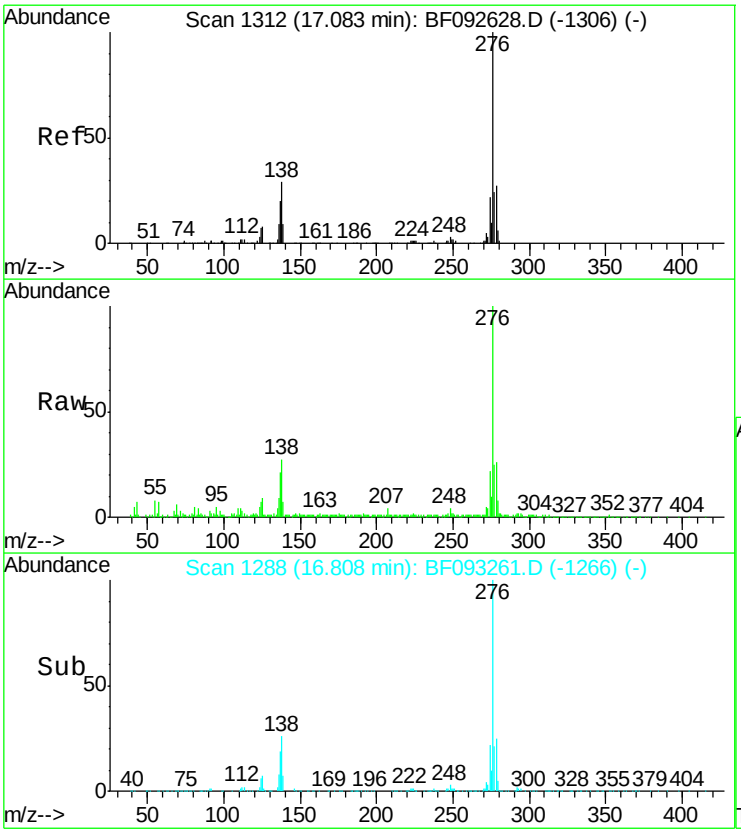
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.21 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.05 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Instrument :
BNA_F
ClientSampleId :
TK3-11-20170227

Tgt Ion:149 Resp: 26422

Ion	Ratio	Lower	Upper
149	100		
167	28.6	20.2	30.4
279	4.3	1.8	2.8#

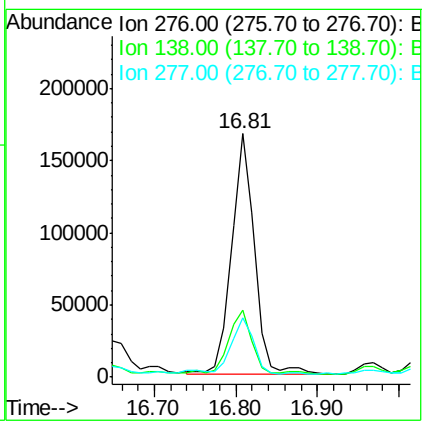


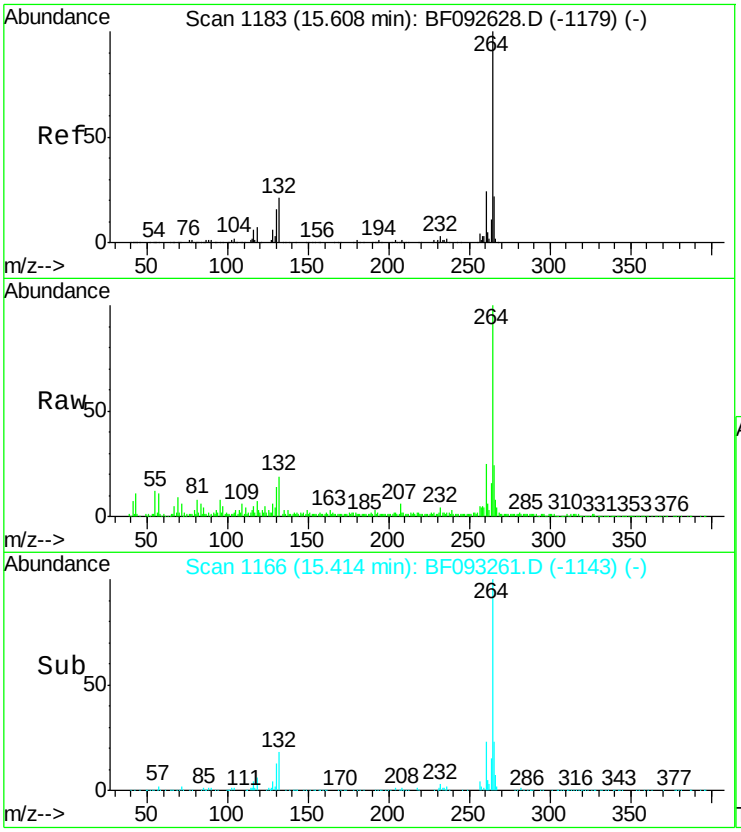


#85
Indeno(1,2,3-cd)pyrene
Concen: 25.20 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.05 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Tgt Ion:276 Resp: 322081

Ion	Ratio	Lower	Upper
276	100		
138	26.5	21.8	32.6
277	23.3	20.2	30.4



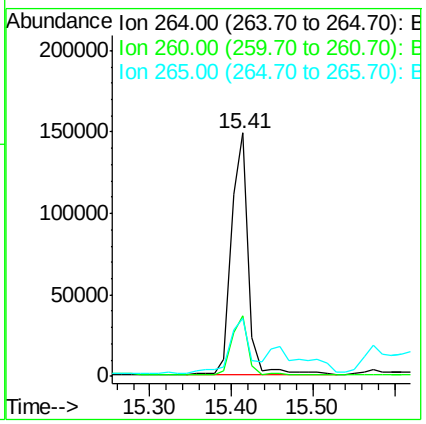


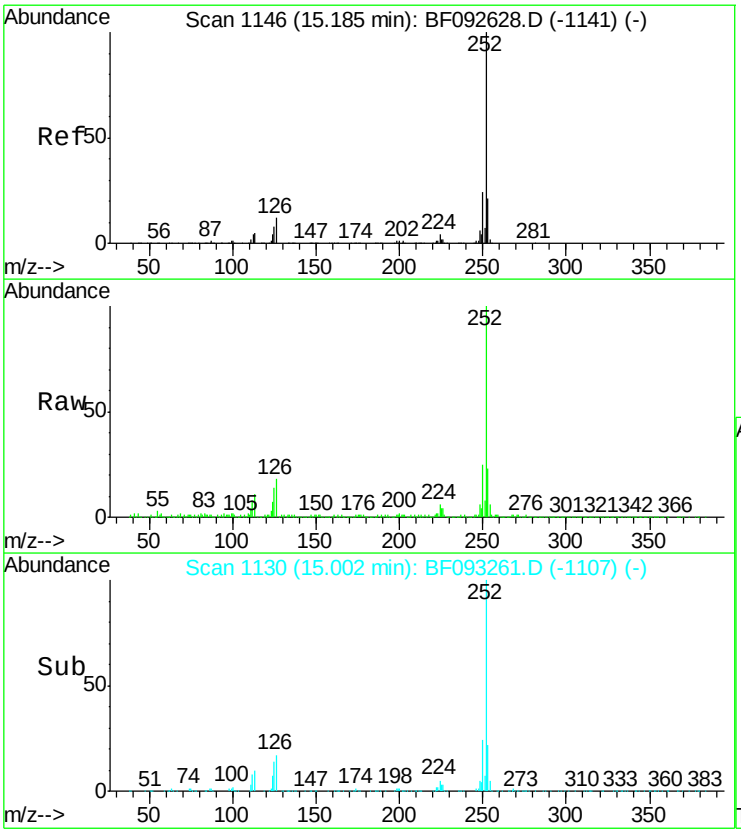
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Instrument :
BNA_F
ClientSampleId :
TK3-11-20170227

Tgt Ion:264 Resp: 214675

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	23.7	17.4	26.0

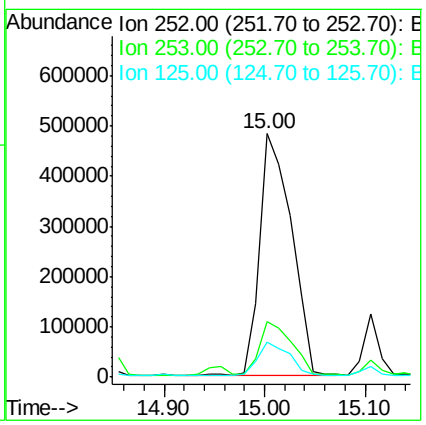


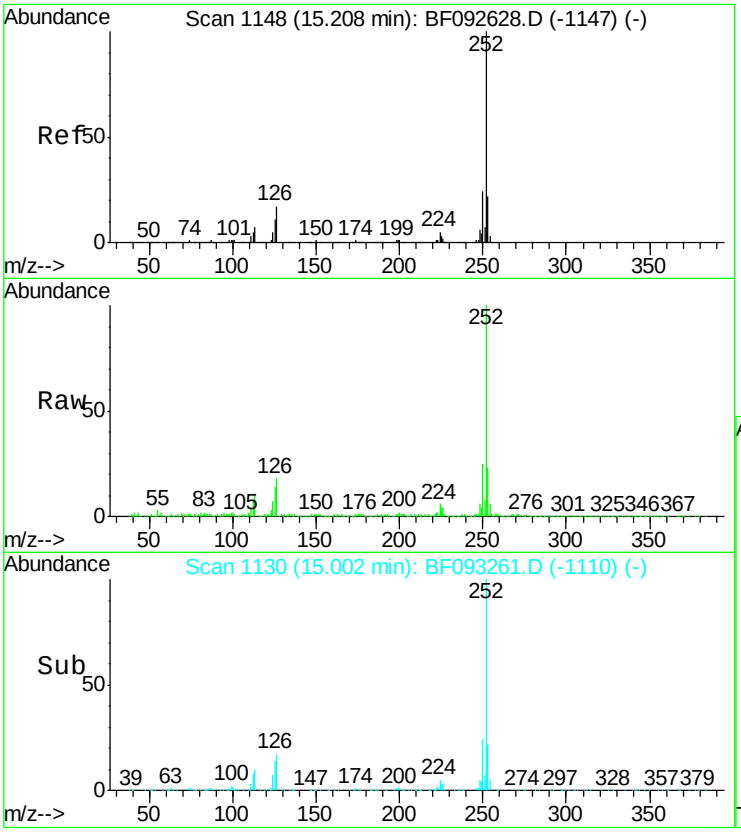


#87
Benzo(b)fluoranthene
Concen: 74.95 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Tgt Ion:252 Resp: 1058977

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	14.4	9.8	14.6



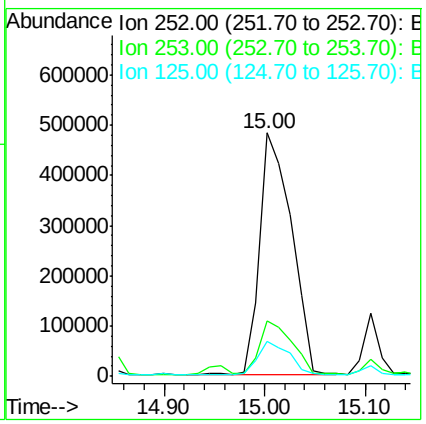


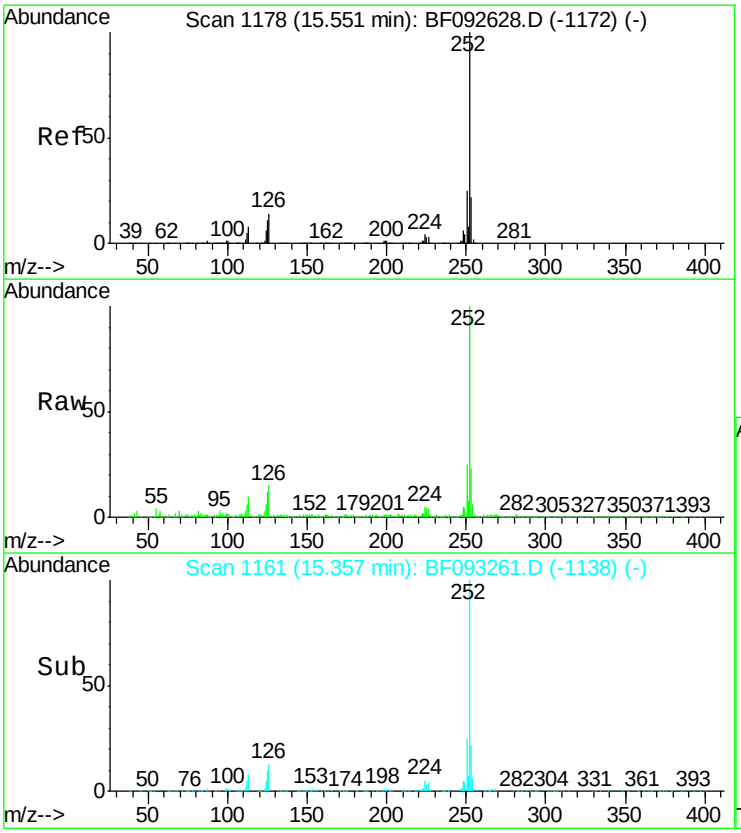
#88
Benzo(k)fluoranthene
Concen: 86.80 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.07 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Instrument :
BNA_F
ClientSampleId :
TK3-11-20170227

Tgt Ion:252 Resp: 1058977

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	14.4	8.9	13.3#

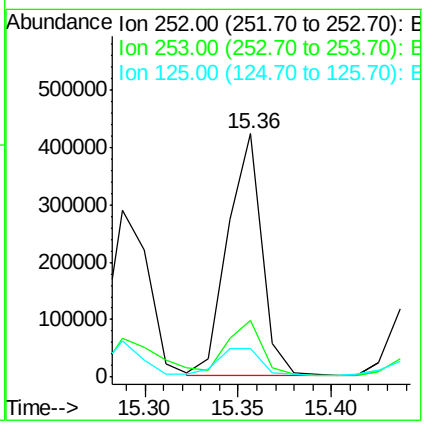


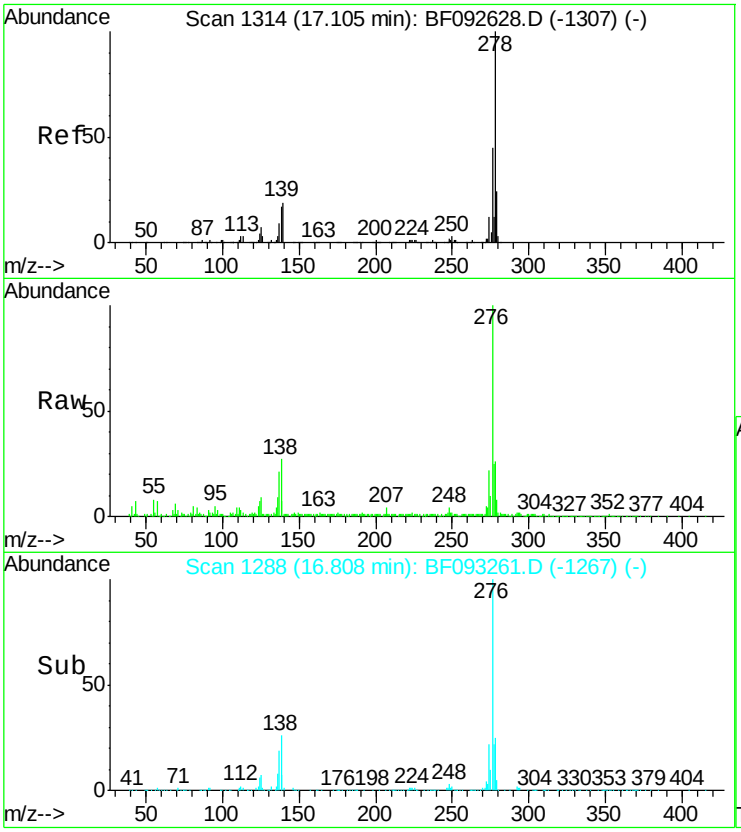


#89
Benzo(a)pyrene
Concen: 44.09 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Tgt Ion:252 Resp: 538849

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	11.9	10.0	15.0



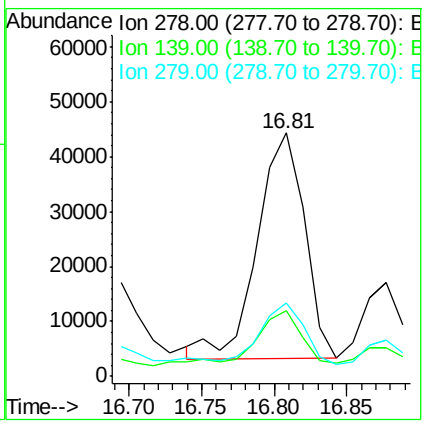


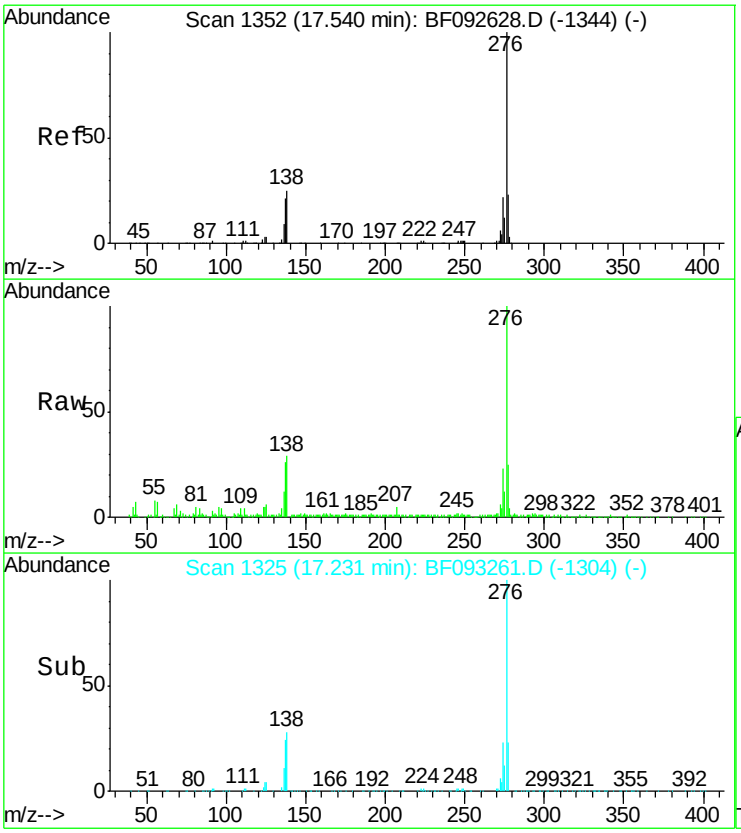
#90
Dibenzo(a,h)anthracene
Concen: 9.39 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.06 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Instrument :
BNA_F
ClientSampleId :
TK3-11-20170227

Tgt Ion:278 Resp: 92749

Ion	Ratio	Lower	Upper
278	100		
139	26.9	14.8	22.2#
279	30.2	19.8	29.6#





#91
Benzo(g,h,i)perylene
Concen: 31.18 ng
RT: 17.23 min Scan# 1325
Delta R.T. -0.06 min
Lab File: BF093261.D
Acq: 28 Feb 2017 21:07

Tgt Ion:276 Resp: 311131

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.2	28.8
138	29.2	16.0	24.0#