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

Quantitation Report (Not Reviewed)

Data File : BF093260.D
Acq On : 28 Feb 2017 20:39
Operator : SJ/MA
Sample : I2017-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK3-10-20170227

Quant Time: Mar 01 02:18:48 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	6.97	152	406687	20.00	ng		0.11
21) Naphthalene-d8	8.10	136	498769	20.00	ng		-0.05
38) Acenaphthene-d10	9.85	164	198478	20.00	ng		-0.05
63) Phenanthrene-d10	11.33	188	315668	20.00	ng		-0.05
75) Chrysene-d12	13.99	240	270720	20.00	ng		-0.03
86) Perylene-d12	15.40	264	192776	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	949216	40.04	ng		-0.03
7) Phenol-d6	6.46	99	1199119	39.31	ng		-0.02
23) Nitrobenzene-d5	7.38	82	663814	74.11	ng		-0.05
41) 2,4,6-Tribromophenol	10.65	330	173821	121.09	ng		-0.03
44) 2-Fluorobiphenyl	9.17	172	1058265	96.60	ng		-0.05
78) Terphenyl-d14	12.92	244	782625	67.93	ng		-0.05
Target Compounds							Qvalue
10) Phenol	6.49	94	76527	2.14	ng	#	68
19) n-Nitroso-di-n-propylamine	7.38	70	86950	4.48	ng	#	84
25) Isophorone	7.38	82	623777	37.37	ng	#	65
31) Naphthalene	8.12	128	73676	2.91	ng		98
32) Benzoic acid	7.92	122	2480	7.65	ng	#	47
48) Acenaphthylene	9.71	152	209376	10.78	ng		99
49) Dimethylphthalate	9.57	163	86834	6.50	ng		98
51) Acenaphthene	9.88	154	43463	3.74	ng		95
54) Dibenzofuran	10.05	168	49506	3.19	ng		93
57) Fluorene	10.40	166	71411	5.98	ng		95
64) 4,6-Dinitro-2-methylphenol	10.64	198	287	2.81	ng	#	1
66) 4-Bromophenyl-phenylether	10.65	248	12211	3.70	ng	#	1
70) Phenanthrene	11.36	178	1087476	60.13	ng		99
71) Anthracene	11.41	178	294821	16.23	ng		97
72) Carbazole	11.57	167	99955	5.76	ng		98
74) Fluoranthene	12.56	202	1501683	80.50	ng		98
77) Pyrene	12.78	202	1499138	74.00	ng		99
80) Benzo(a)anthracene	13.97	228	812130	49.05	ng		96
82) Chrysene	13.97	228	812130	52.39	ng		100
85) Indeno(1,2,3-cd)pyrene	16.81	276	245335	20.43	ng		97
87) Benzo(b)fluoranthene	15.00	252	873847	68.87	ng		98
88) Benzo(k)fluoranthene	15.00	252	873847	79.76	ng	#	97
89) Benzo(a)pyrene	15.35	252	444845	40.53	ng	#	95
90) Dibenzo(a,h)anthracene	16.68	278	18350	2.07	ng		93
91) Benzo(g,h,i)perylene	17.23	276	248894	27.77	ng	#	93

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

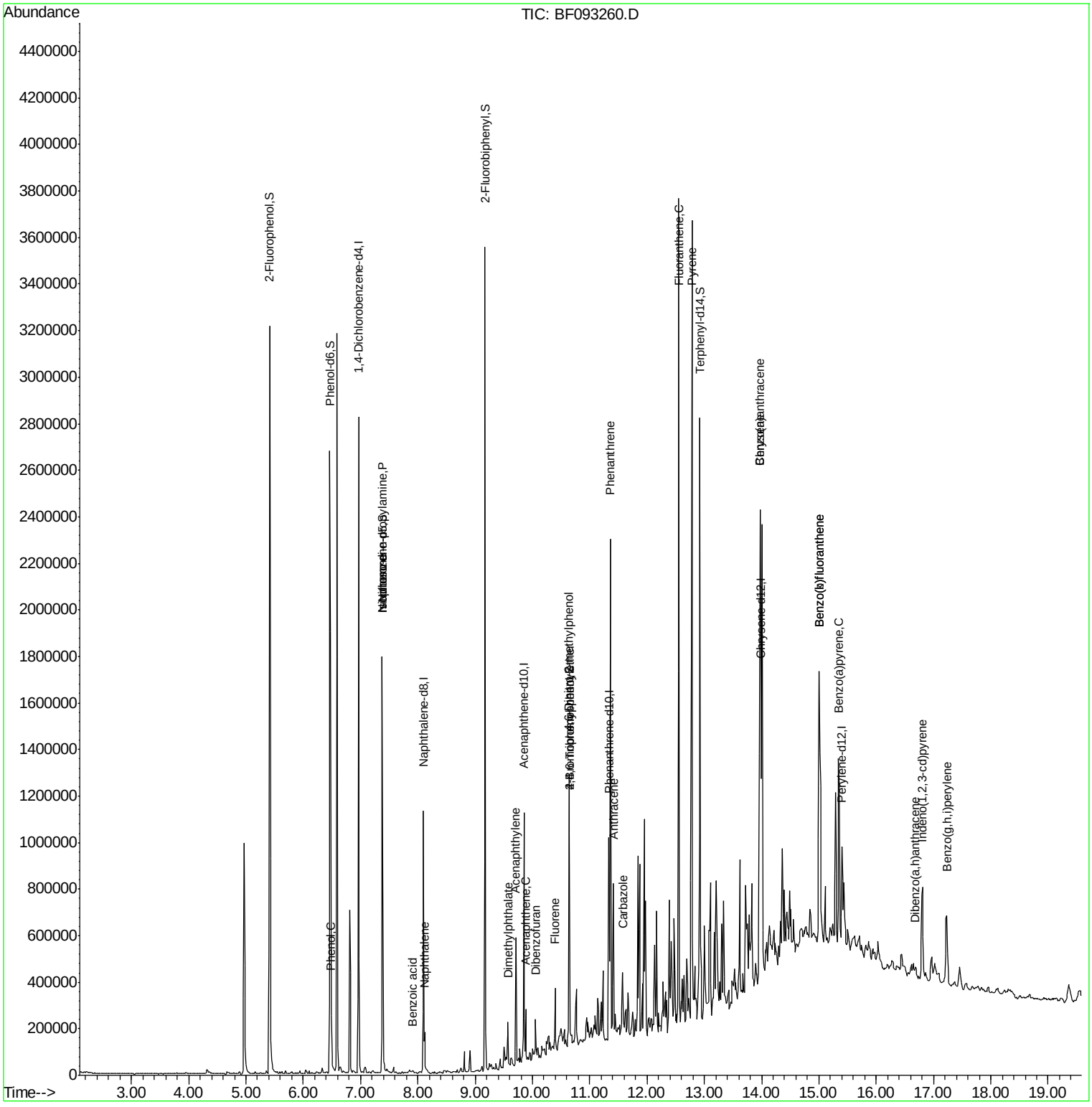
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\

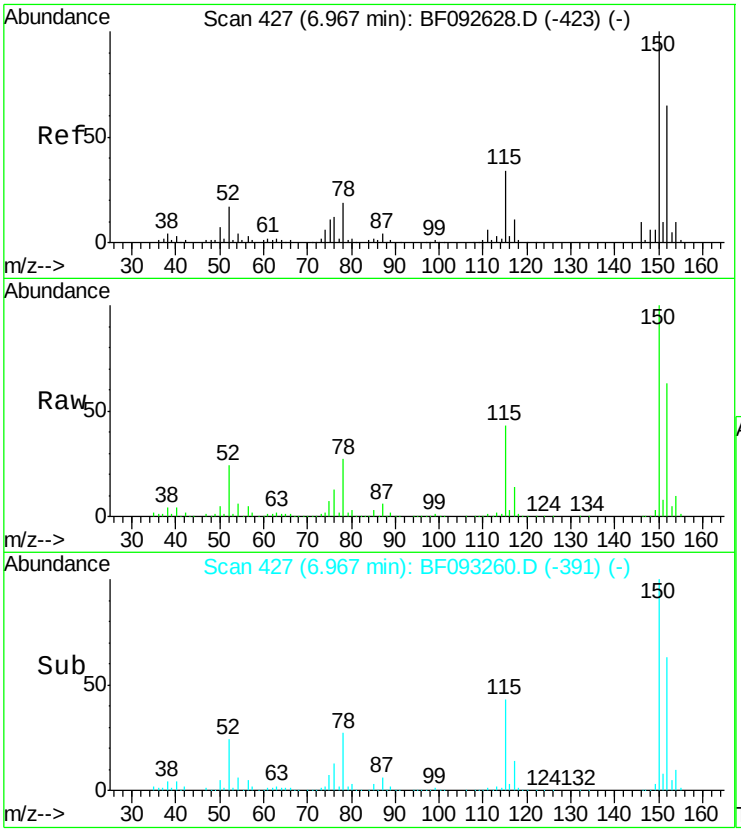
Quantitation Report (Not Reviewed)

Data File : BF093260.D
Acq On : 28 Feb 2017 20:39
Operator : SJ/MA
Sample : I2017-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TK3-10-20170227

Quant Time: Mar 01 02:18:48 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



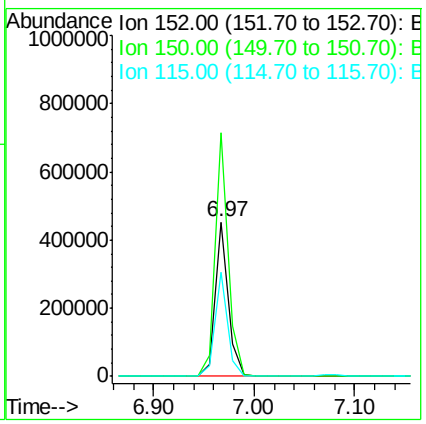


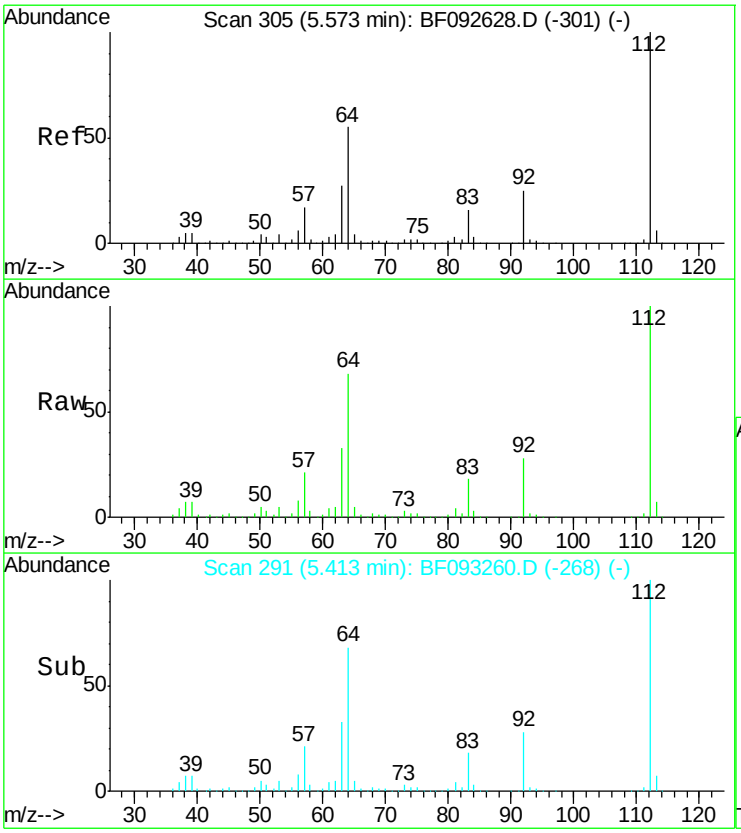
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.11 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Instrument :
BNA_F
ClientSampleId :
TK3-10-20170227

Tgt Ion:152 Resp: 406687

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.9	187.3
115	67.7	46.0	69.0

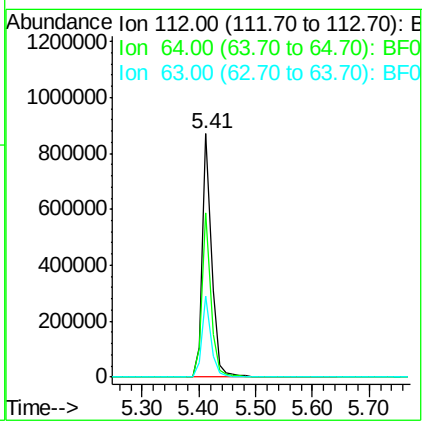


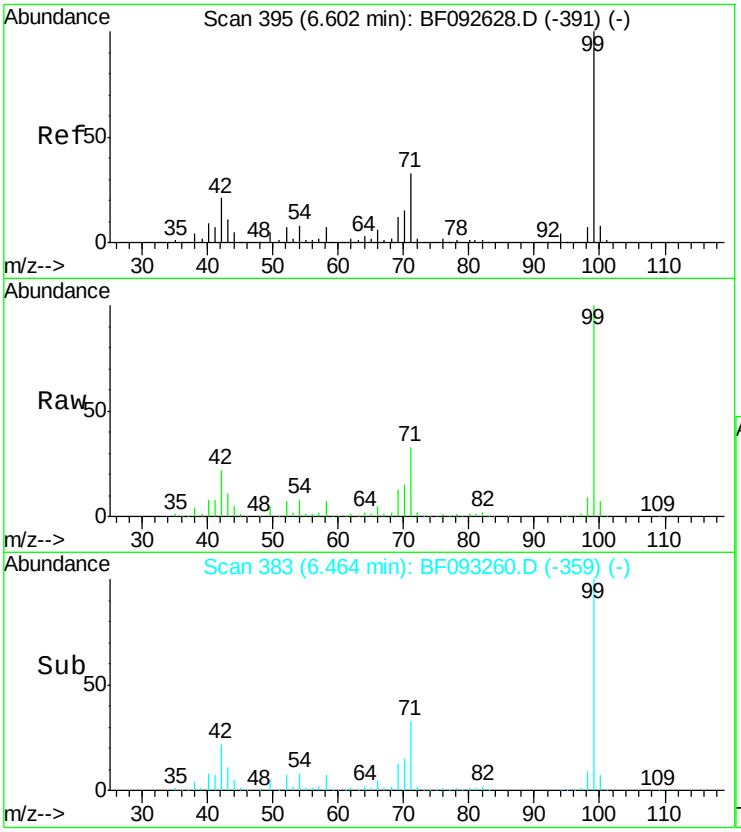


#5
2-Fluorophenol
Concen: 40.04 ng
RT: 5.41 min Scan# 291
Delta R.T. -0.03 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Tgt Ion:112 Resp: 949216

Ion	Ratio	Lower	Upper
112	100		
64	67.6	46.1	69.1
63	33.3	23.8	35.6



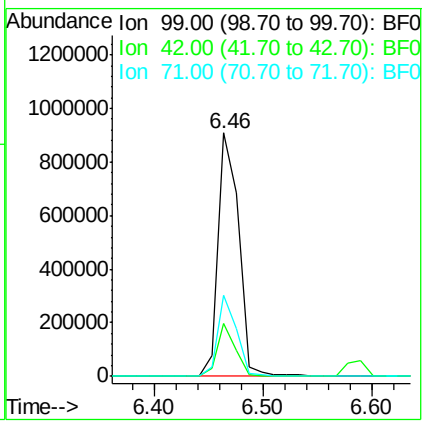


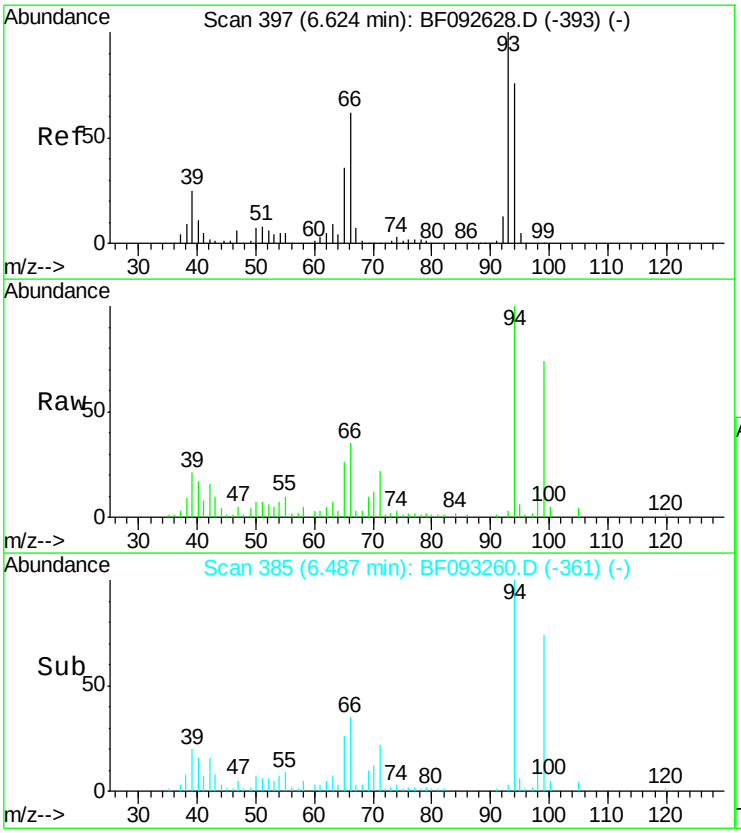
#7
Phenol-d6
Concen: 39.31 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.02 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Instrument :
BNA_F
ClientSampleId :
TK3-10-20170227

Tgt Ion: 99 Resp: 1199119

Ion	Ratio	Lower	Upper
99	100		
42	21.5	15.6	23.4
71	33.5	27.5	41.3

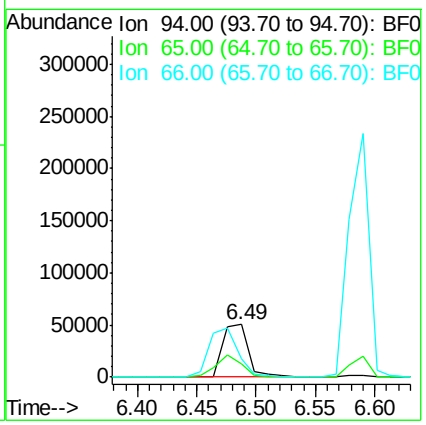


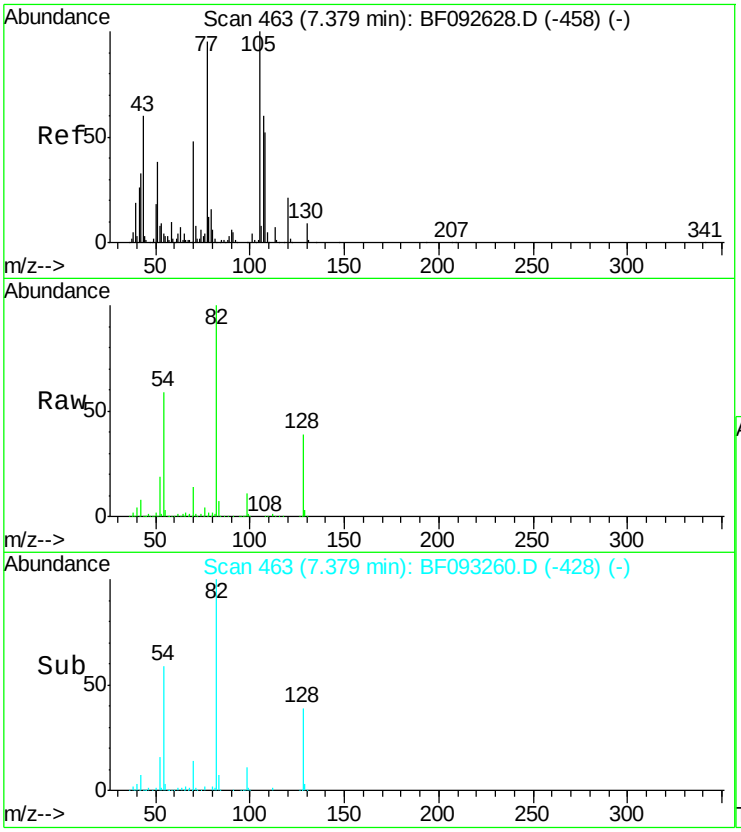


#10
Phenol
Concen: 2.14 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.02 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Tgt Ion: 94 Resp: 76527

Ion	Ratio	Lower	Upper
94	100		
65	25.8	21.4	61.4
66	34.8	44.0	84.0#



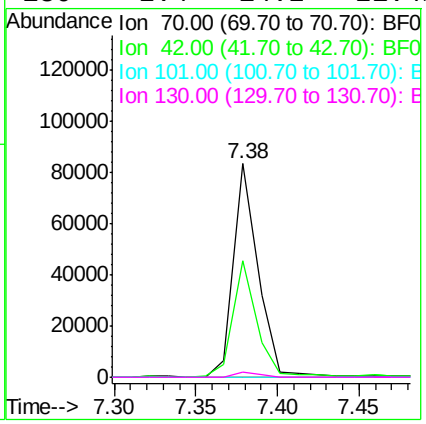


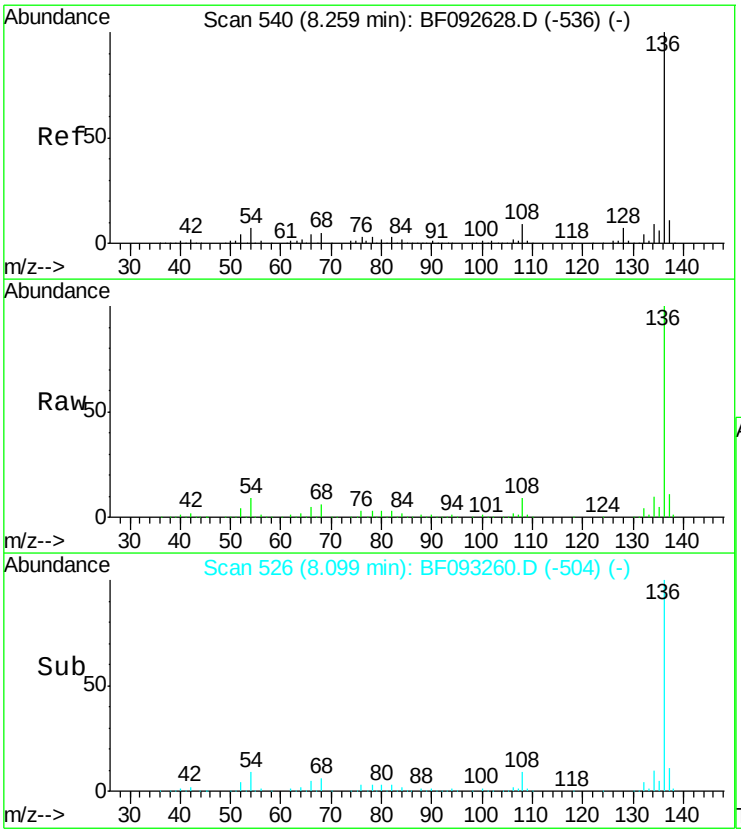
#19
n-Nitroso-di-n-propylamine
Concen: 4.48 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.10 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Instrument :
BNA_F
ClientSampleId :
TK3-10-20170227

Tgt Ion: 70 Resp: 86950

Ion	Ratio	Lower	Upper
70	100		
42	54.7	49.4	74.0
101	0.0	7.4	11.2#
130	2.4	14.2	21.4#

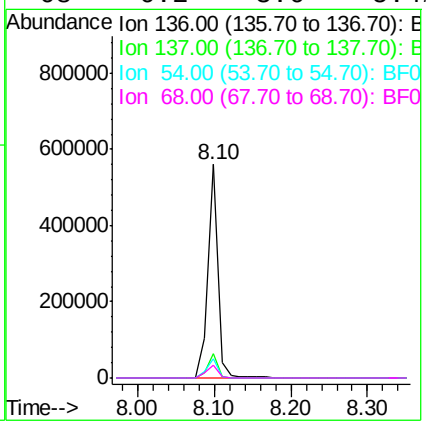


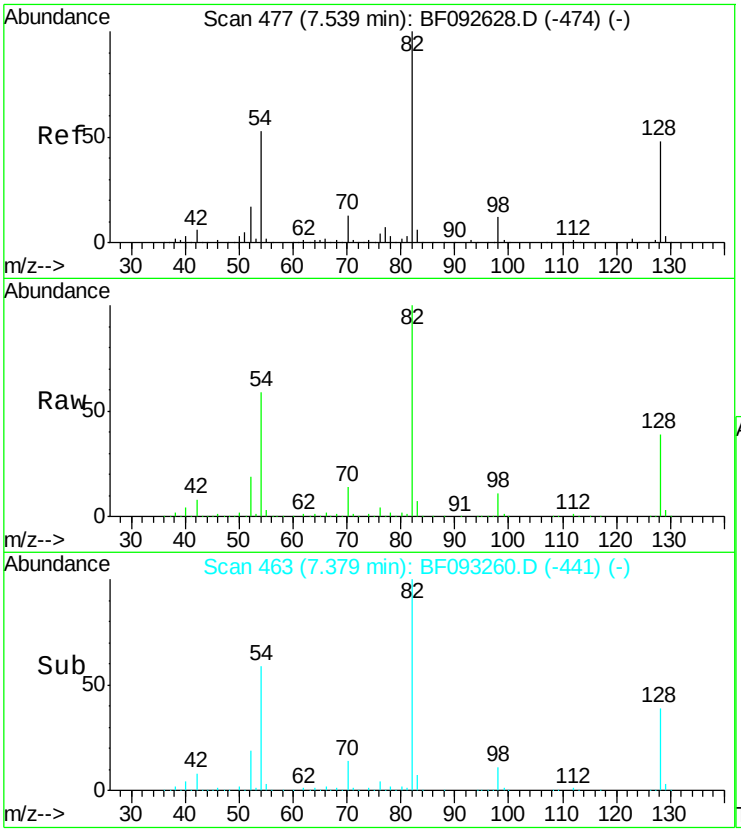


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Tgt Ion:136 Resp: 498769

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	9.3	4.5	6.7#
68	6.2	3.6	5.4#



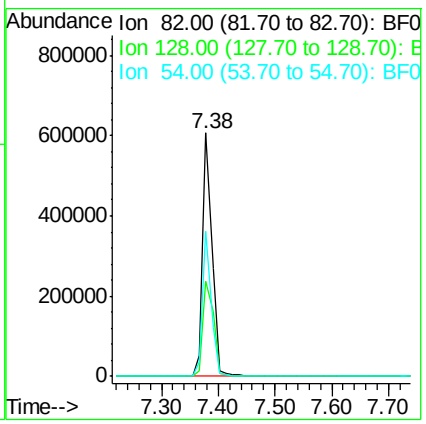


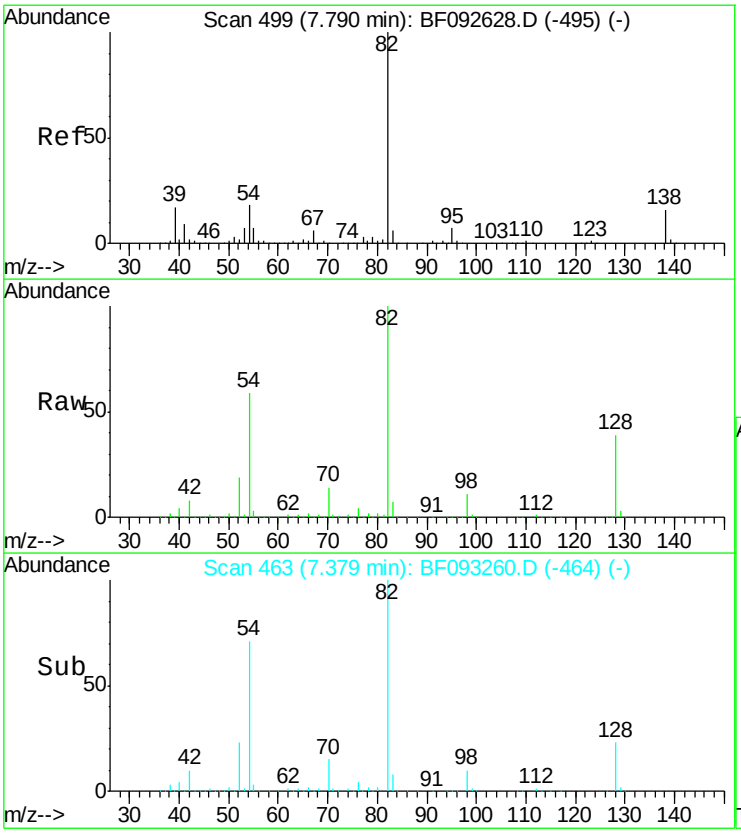
#23
Nitrobenzene-d5
Concen: 74.11 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Instrument :
BNA_F
ClientSampleId :
TK3-10-20170227

Tgt Ion: 82 Resp: 663814

Ion	Ratio	Lower	Upper
82	100		
128	39.1	34.6	52.0
54	59.5	39.5	59.3#

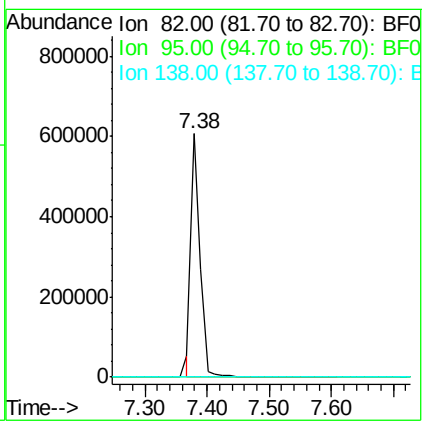


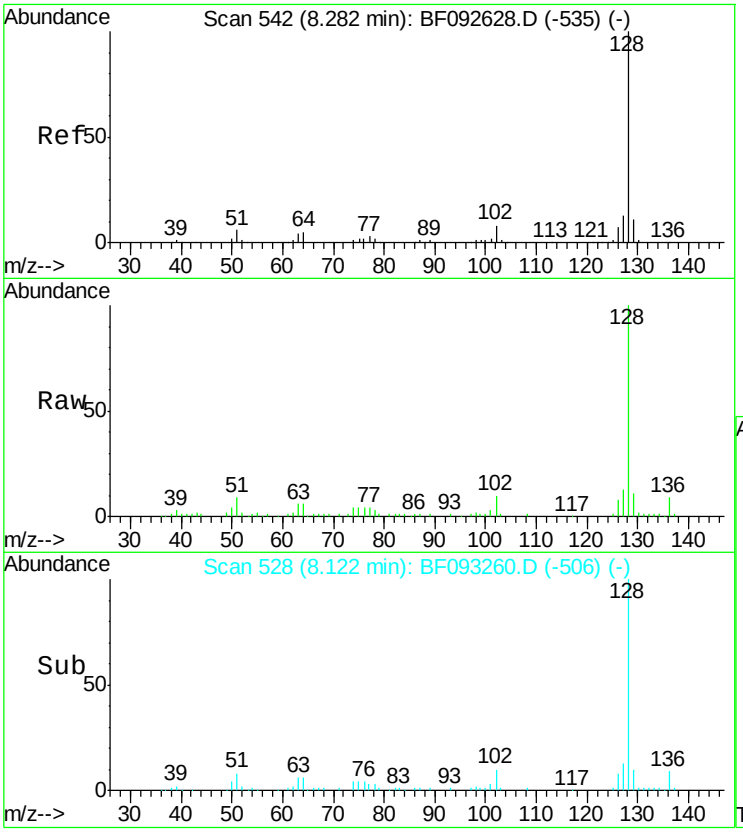


#25
Isophorone
Concen: 37.37 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.31 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Tgt Ion: 82 Resp: 623777

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



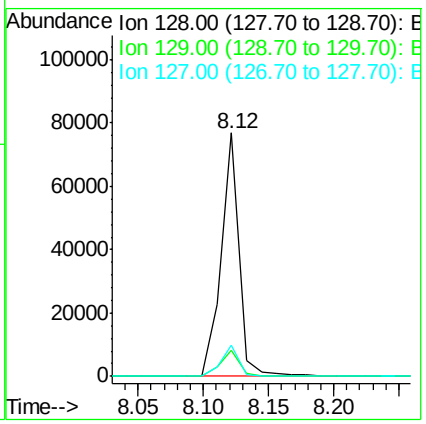


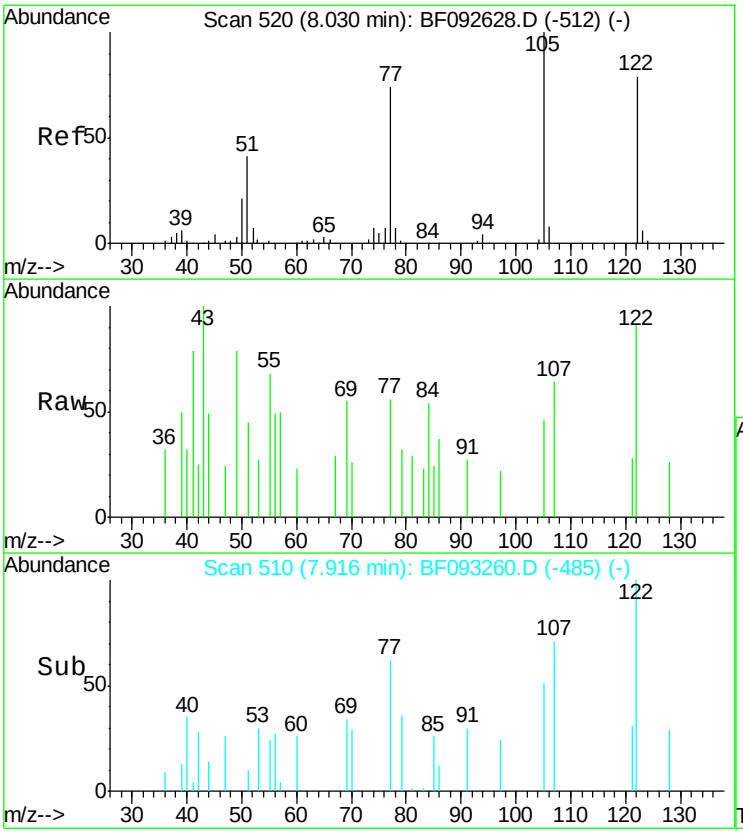
#31
Naphthalene
Concen: 2.91 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Instrument :
BNA_F
ClientSampleId :
TK3-10-20170227

Tgt Ion:128 Resp: 73676

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.5	14.3
127	12.7	10.8	16.2

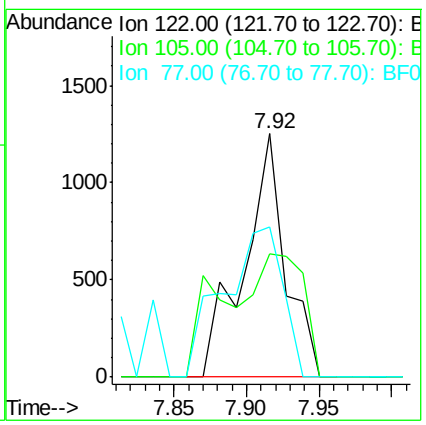


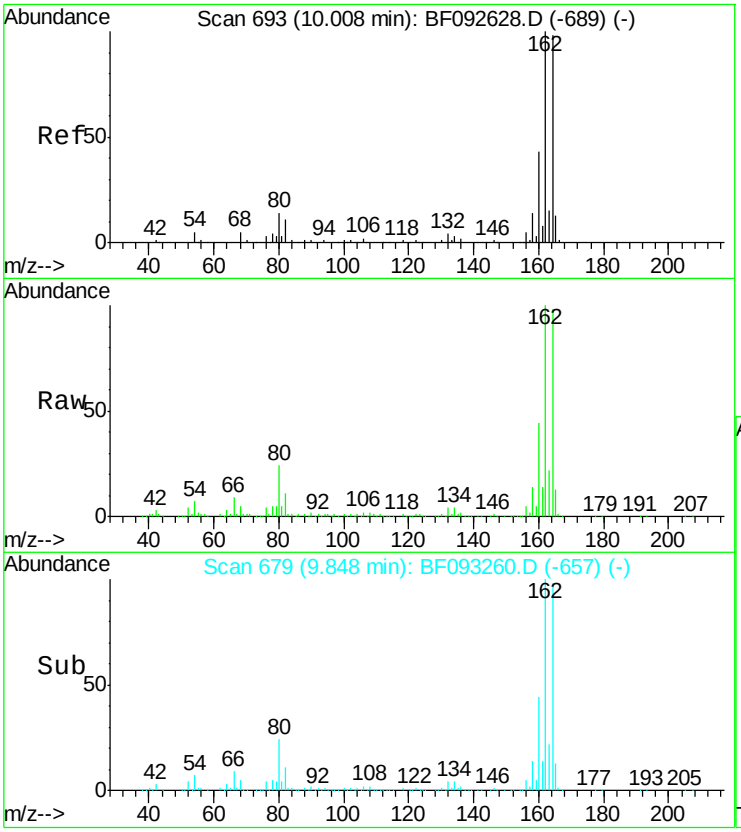


#32
Benzoic acid
Concen: 7.65 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Tgt Ion:122 Resp: 2480

Ion	Ratio	Lower	Upper
122	100		
105	50.8	107.2	147.2#
77	61.5	74.5	114.5#



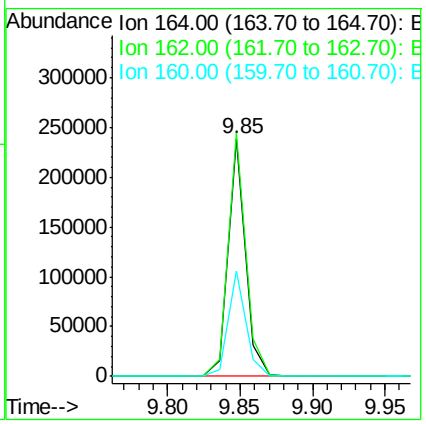


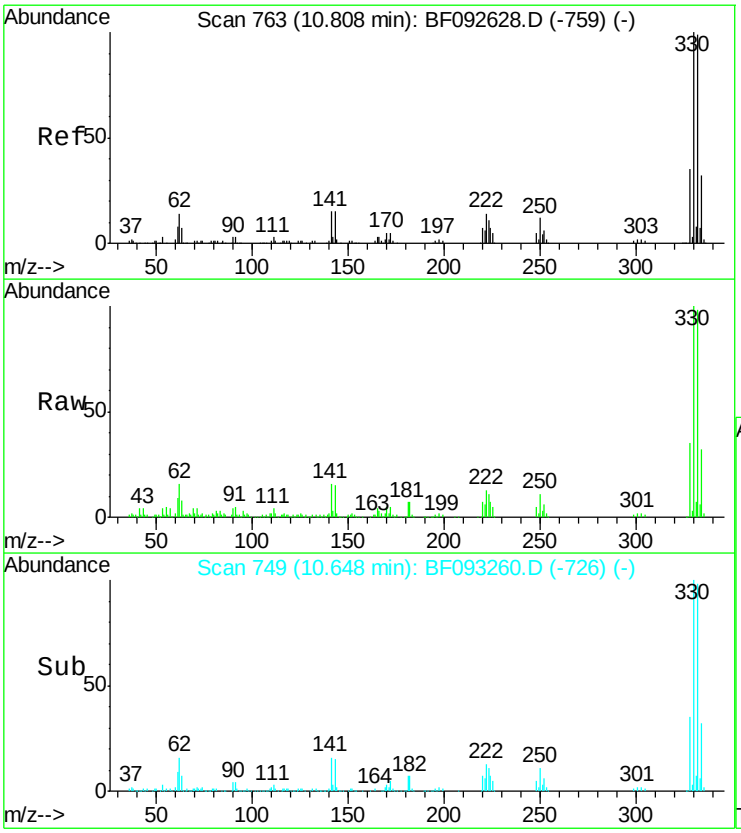
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Instrument :
BNA_F
ClientSampleId :
TK3-10-20170227

Tgt Ion:164 Resp: 198478

Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.2	120.2
160	44.6	36.9	55.3

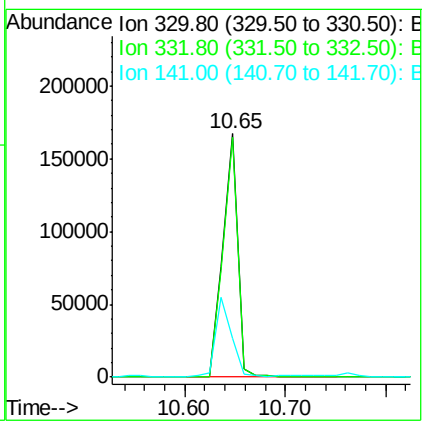


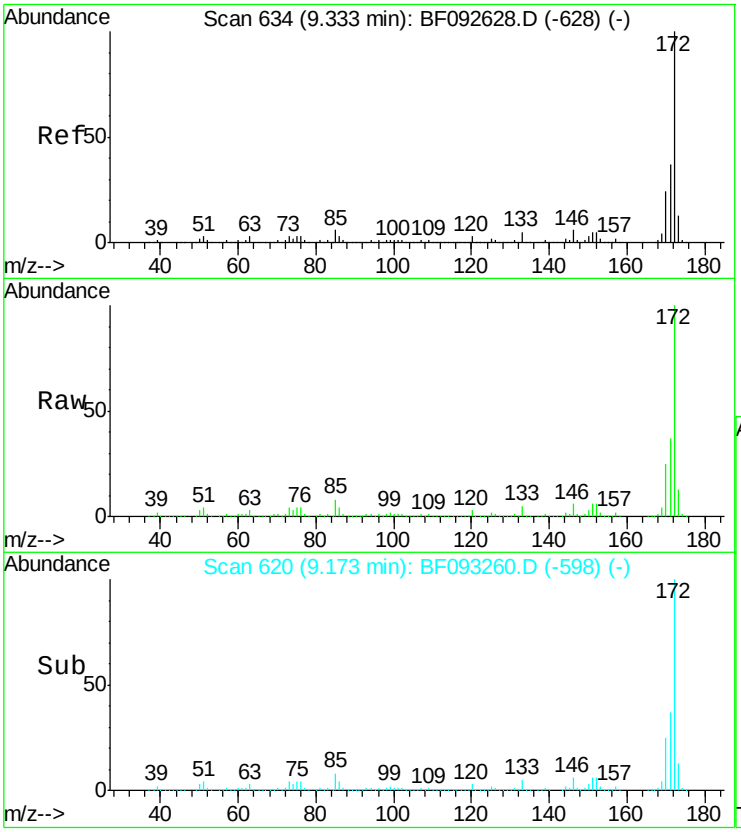


#41
2,4,6-Tribromophenol
Concen: 121.09 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.03 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Tgt Ion:330 Resp: 173821

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.2
141	34.2	34.1	51.1



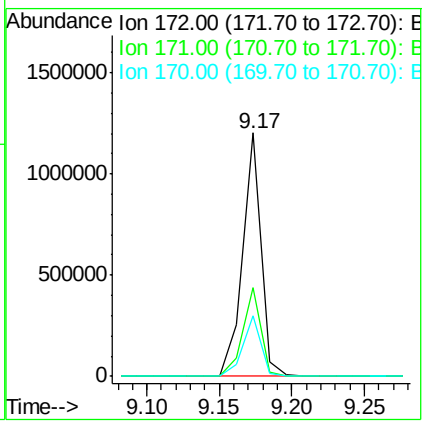


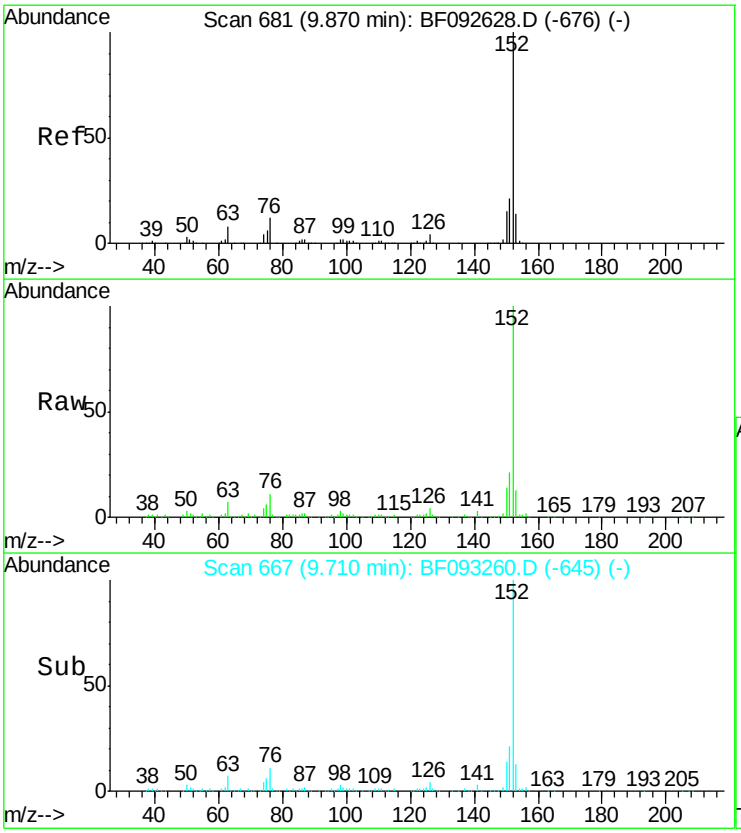
#44
2-Fluorobiphenyl
Concen: 96.60 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Instrument :
BNA_F
ClientSampleId :
TK3-10-20170227

Tgt Ion:172 Resp: 1058265

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.7	20.2	30.4

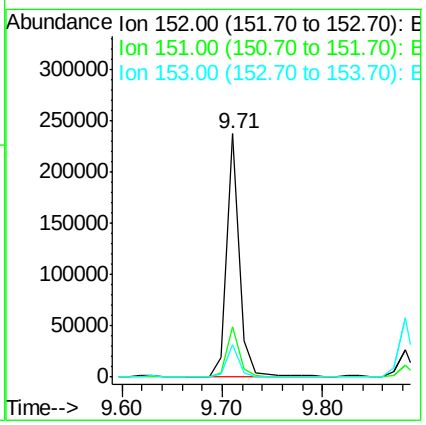


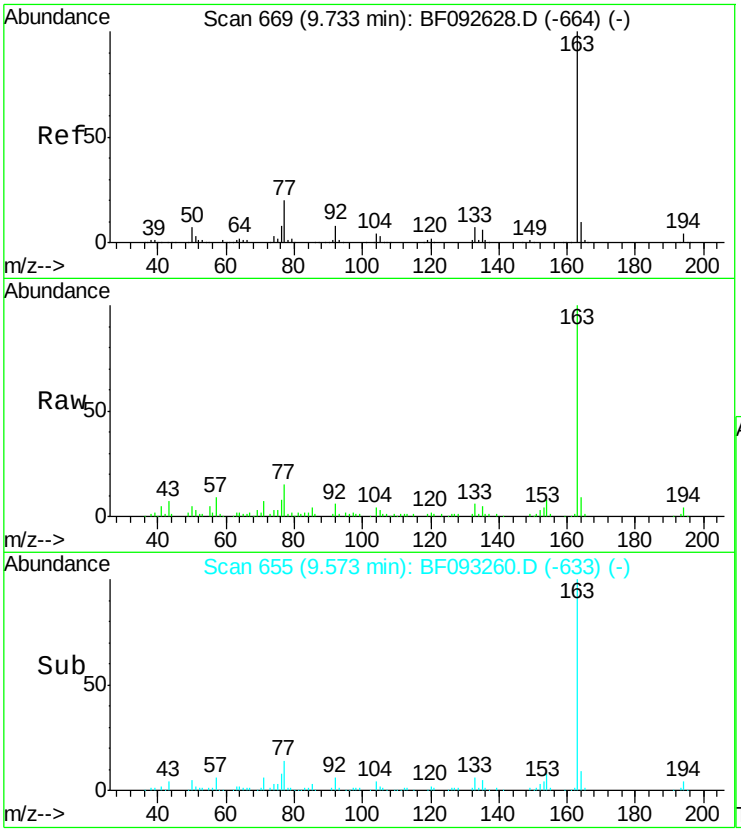


#48
Acenaphthylene
Concen: 10.78 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.05 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Tgt Ion:152 Resp: 209376

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.9	25.3
153	13.5	11.4	17.2



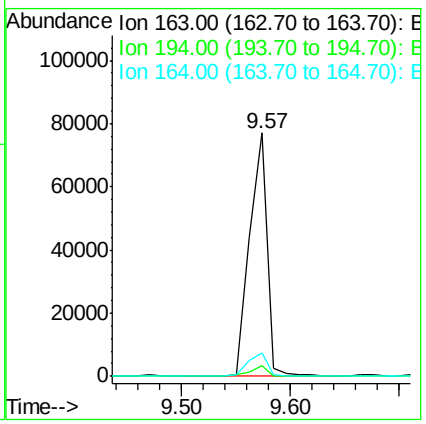


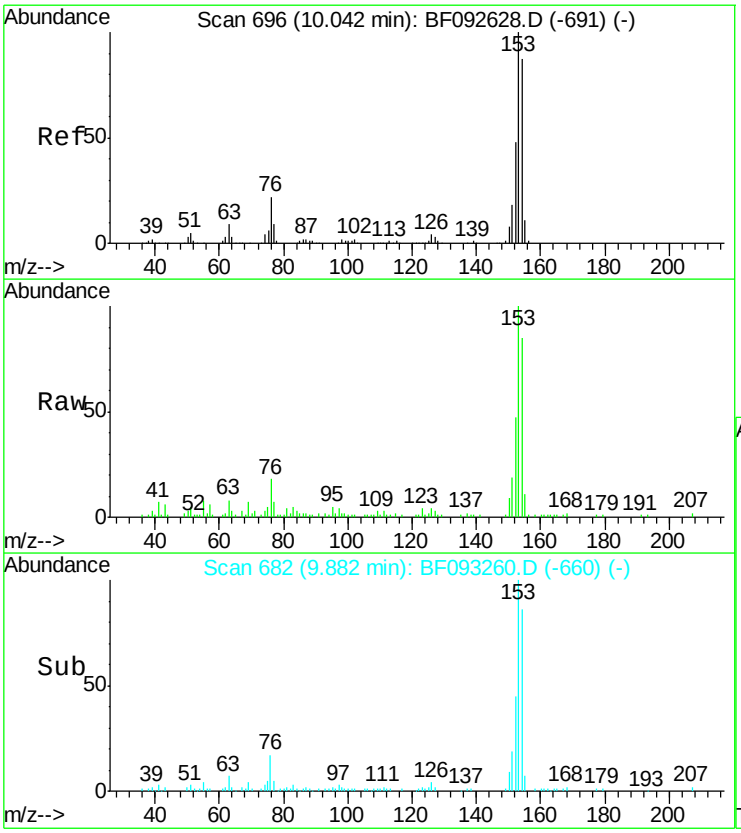
#49
Dimethylphthalate
Concen: 6.50 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Instrument :
BNA_F
ClientSampleId :
TK3-10-20170227

Tgt Ion:163 Resp: 86834

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.4
164	9.4	8.0	12.0

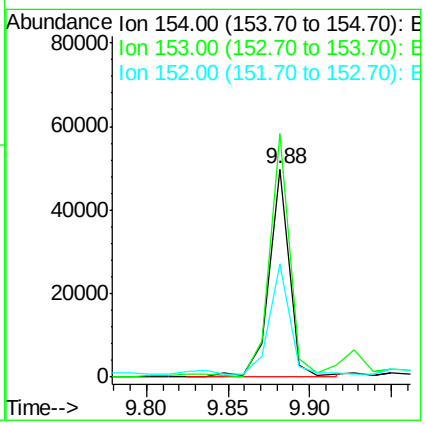


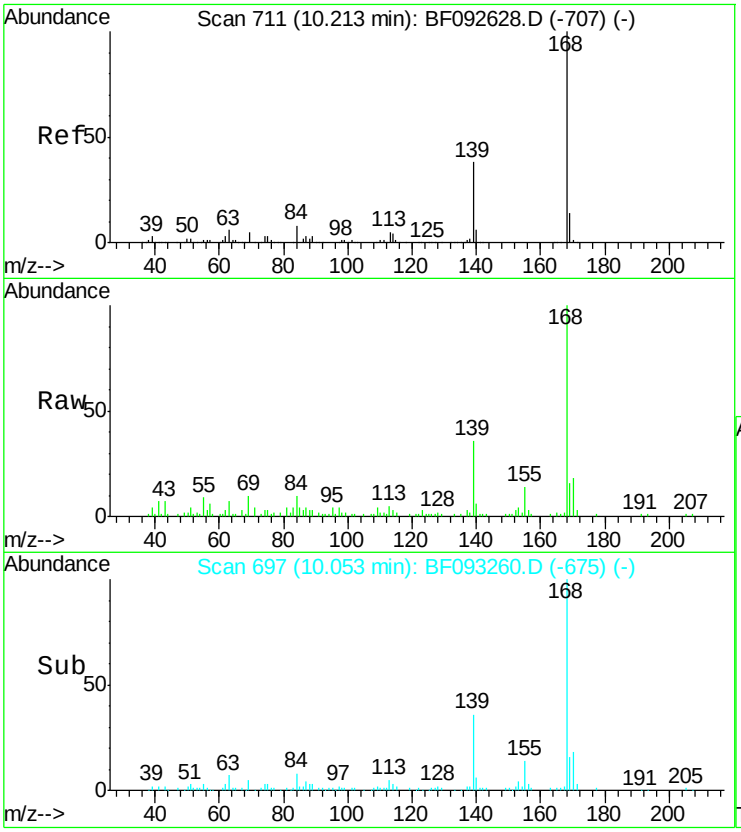


#51
Acenaphthene
Concen: 3.74 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Tgt Ion:154 Resp: 43463

Ion	Ratio	Lower	Upper
154	100		
153	117.1	88.6	133.0
152	54.5	41.6	62.4



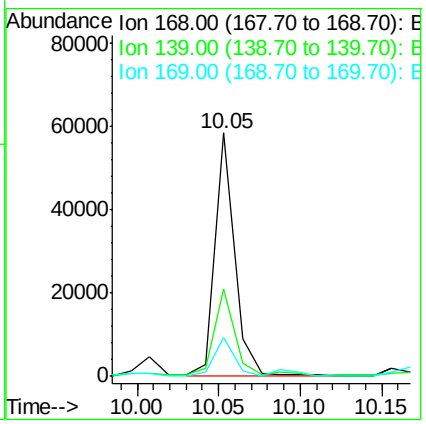


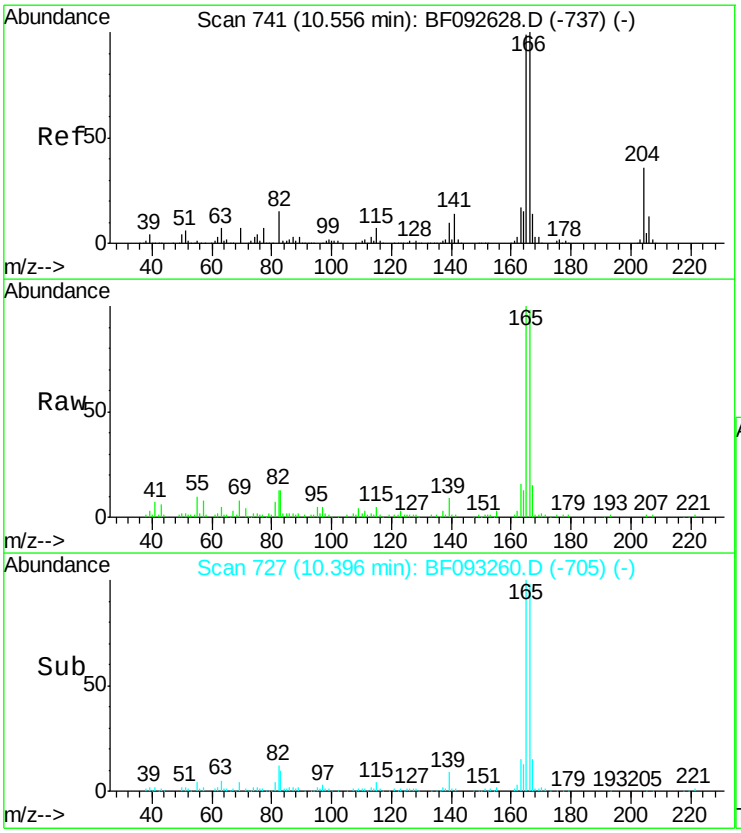
#54
Dibenzofuran
Concen: 3.19 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Instrument :
BNA_F
ClientSampleId :
TK3-10-20170227

Tgt Ion:168 Resp: 49506

Ion	Ratio	Lower	Upper
168	100		
139	36.0	32.6	49.0
169	15.8	11.3	16.9

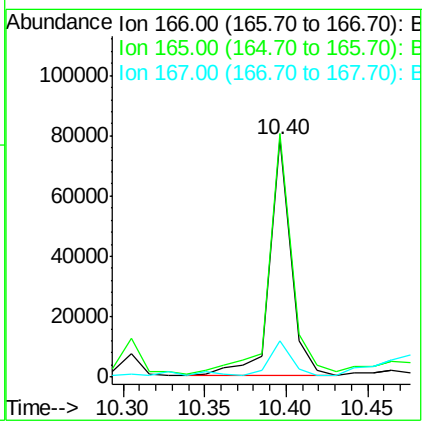


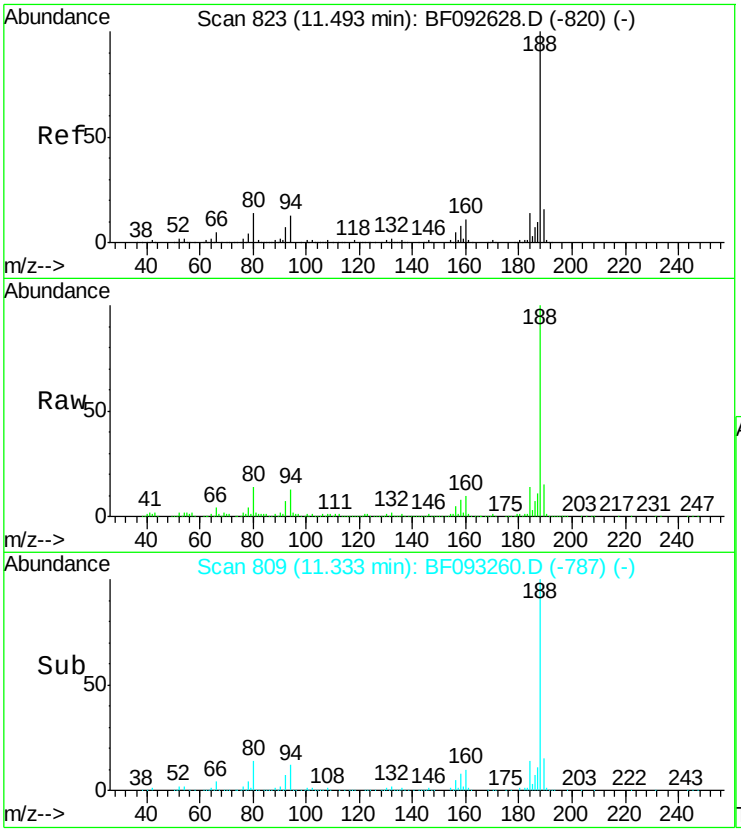


#57
Fluorene
Concen: 5.98 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.05 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Tgt Ion:166 Resp: 71411

Ion	Ratio	Lower	Upper
166	100		
165	102.2	77.8	116.8
167	15.1	10.8	16.2



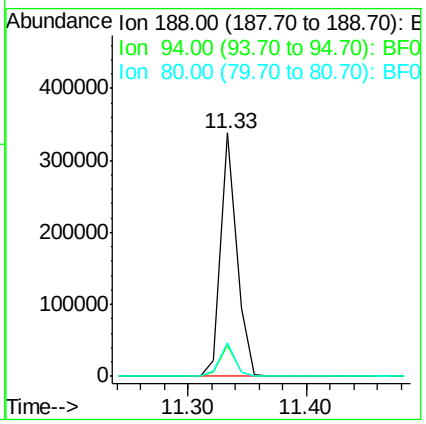


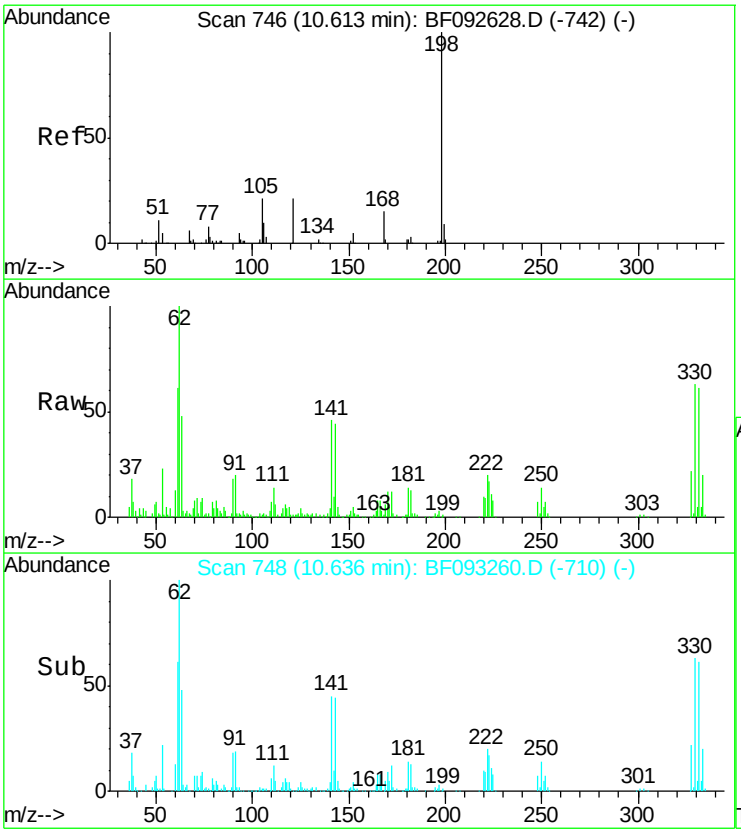
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Instrument :
BNA_F
ClientSampleId :
TK3-10-20170227

Tgt Ion:188 Resp: 315668

Ion	Ratio	Lower	Upper
188	100		
94	12.7	10.0	15.0
80	13.8	11.2	16.8

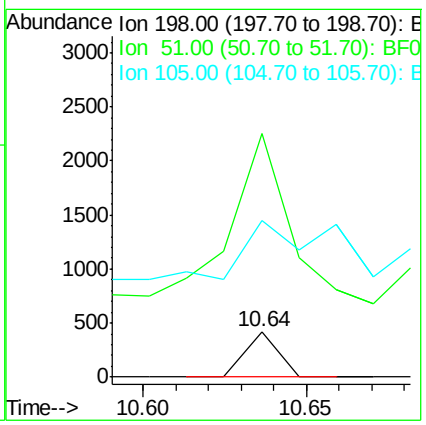


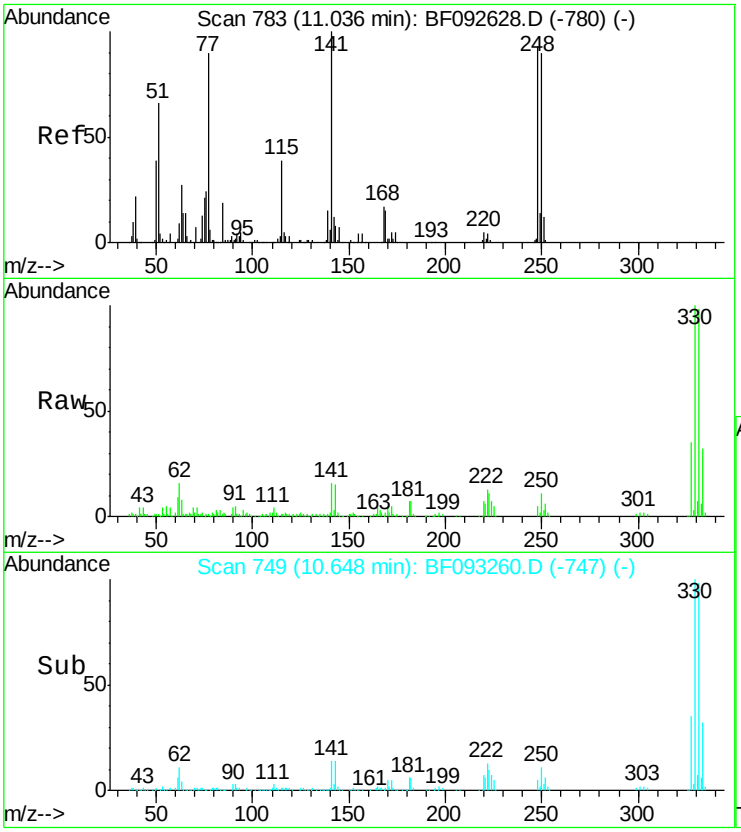


#64
4,6-Dinitro-2-methylphenol
Concen: 2.81 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.14 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Tgt Ion:198 Resp: 287

Ion	Ratio	Lower	Upper
198	100		
51	539.0	6.7	46.7#
105	347.1	16.6	56.6#



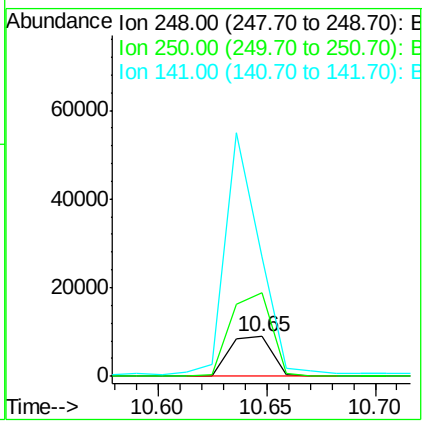


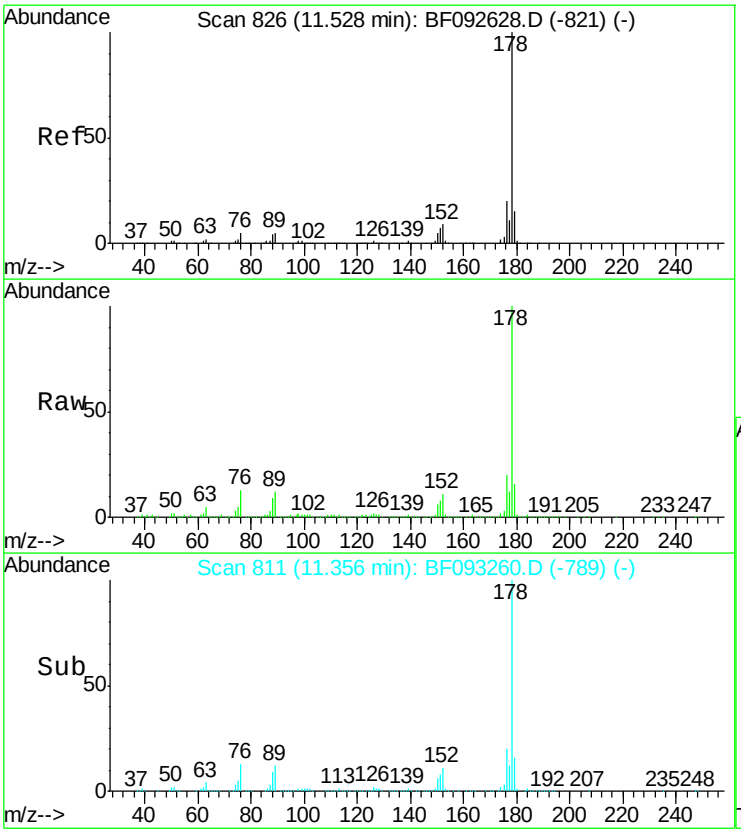
#66
4-Bromophenyl-phenylether
Concen: 3.70 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.27 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Instrument :
BNA_F
ClientSampleId :
TK3-10-20170227

Tgt Ion:248 Resp: 12211

Ion	Ratio	Lower	Upper
248	100		
250	209.4	76.9	115.3#
141	299.1	68.2	102.4#

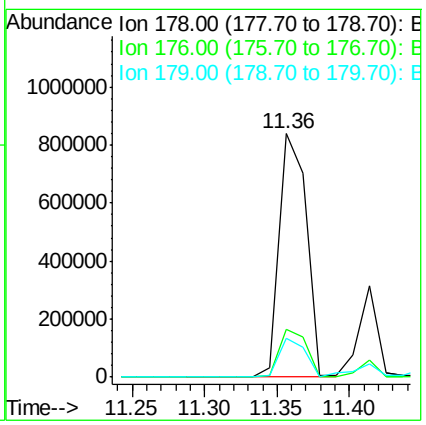


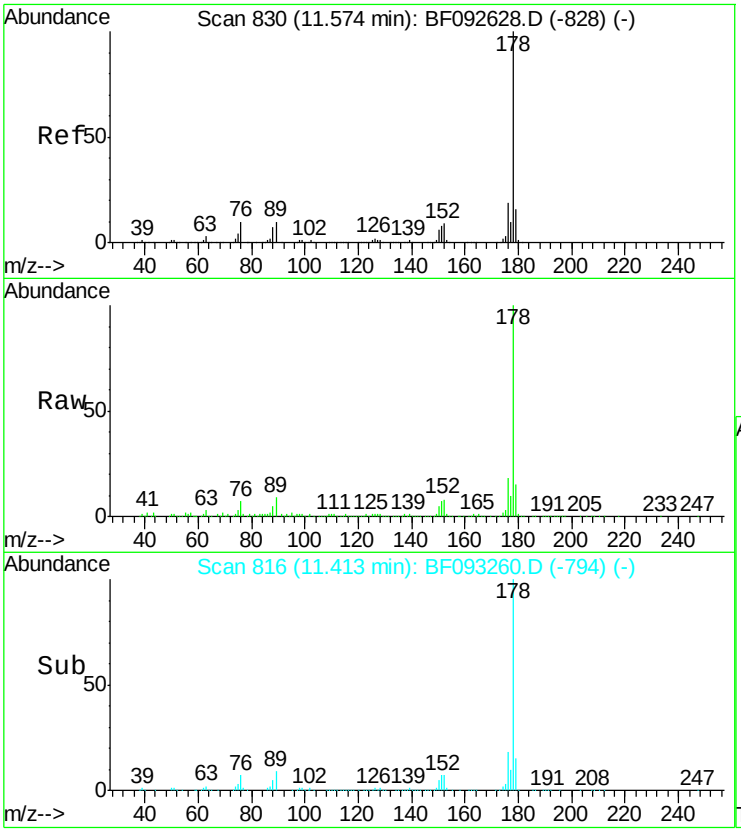


#70
Phenanthrene
Concen: 60.13 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.05 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Tgt Ion:178 Resp: 1087476

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	25.0
179	15.9	12.8	19.2



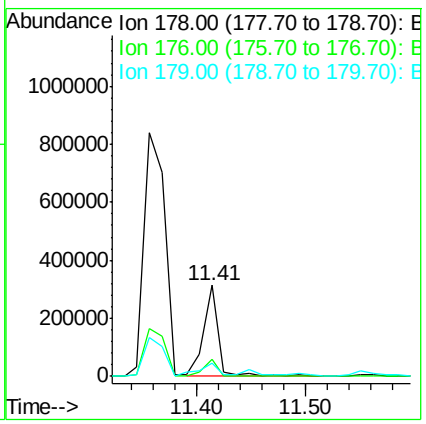


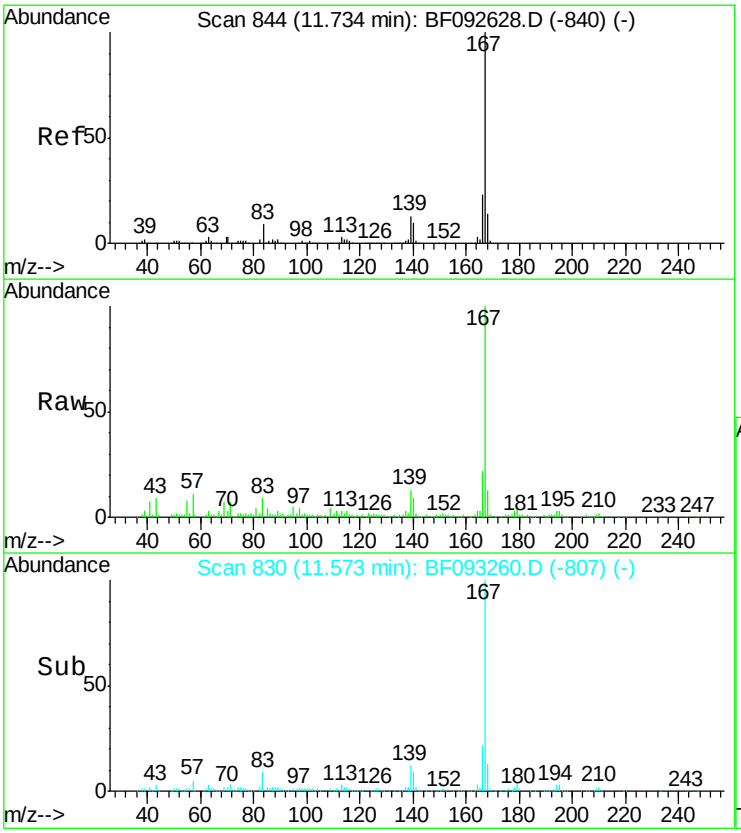
#71
Anthracene
Concen: 16.23 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.05 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Instrument :
BNA_F
ClientSampleId :
TK3-10-20170227

Tgt Ion:178 Resp: 294821

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.9	23.9
179	15.0	13.2	19.8

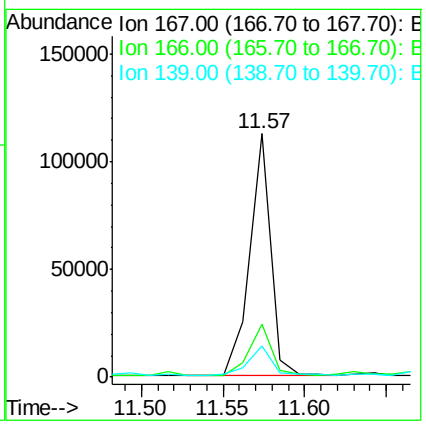


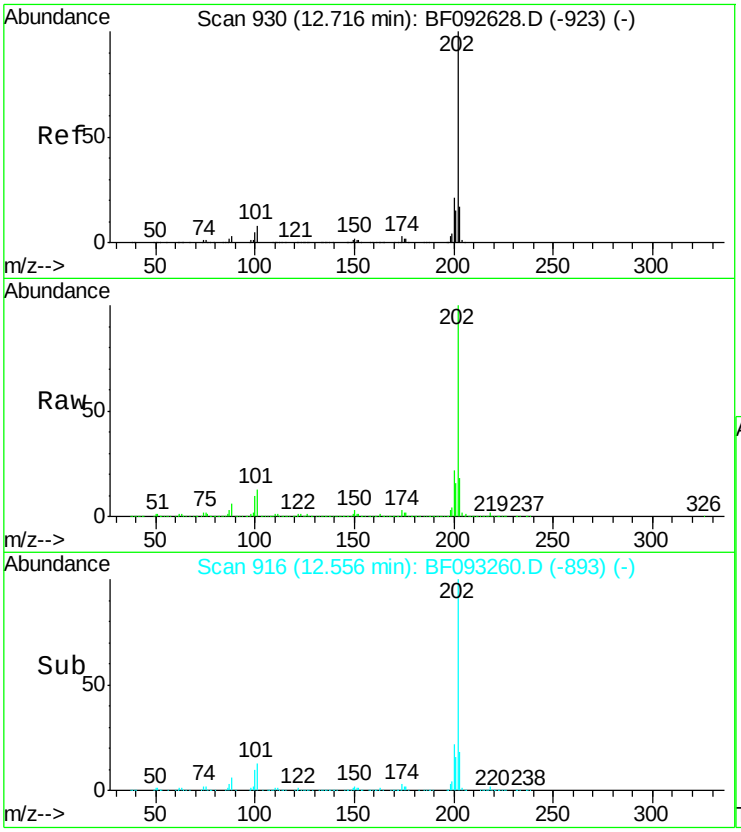


#72
Carbazole
Concen: 5.76 ng
RT: 11.57 min Scan# 830
Delta R.T. -0.03 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Tgt Ion:167 Resp: 99955

Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.2	27.2
139	12.9	11.4	17.2



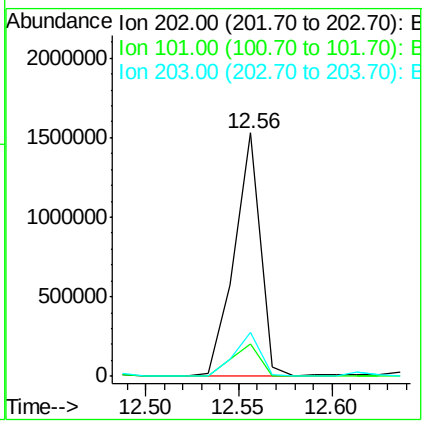


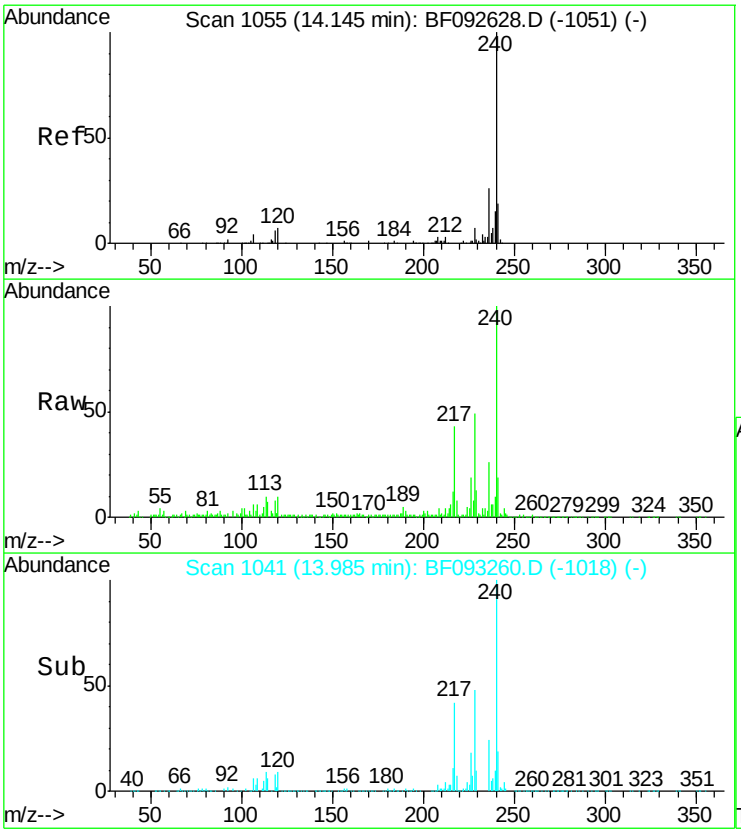
#74
Fluoranthene
Concen: 80.50 ng
RT: 12.56 min Scan# 916
Delta R.T. -0.03 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Instrument :
BNA_F
ClientSampleId :
TK3-10-20170227

Tgt Ion:202 Resp: 1501683

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.6
203	18.0	0.0	38.7

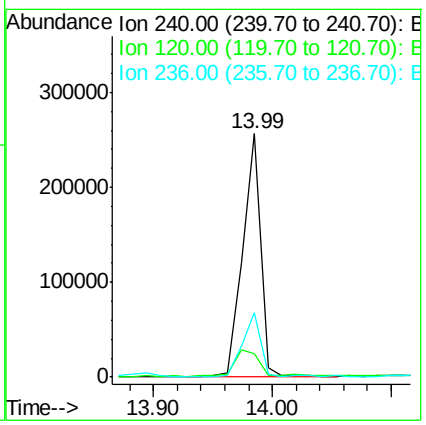


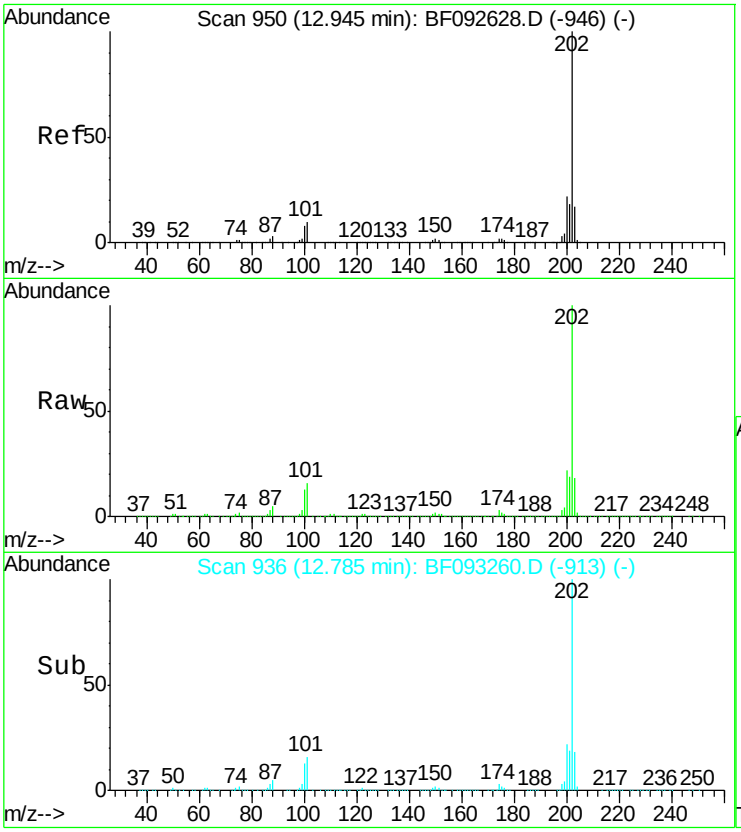


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Tgt Ion:240 Resp: 270720

Ion	Ratio	Lower	Upper
240	100		
120	9.6	12.9	19.3#
236	26.3	20.9	31.3



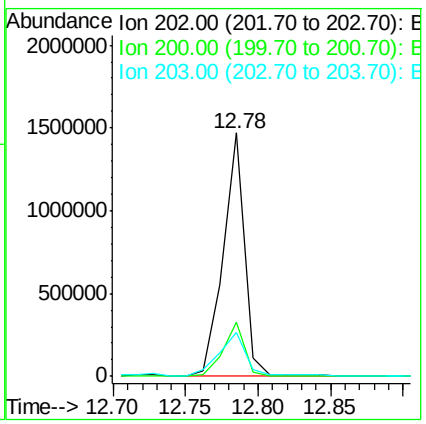


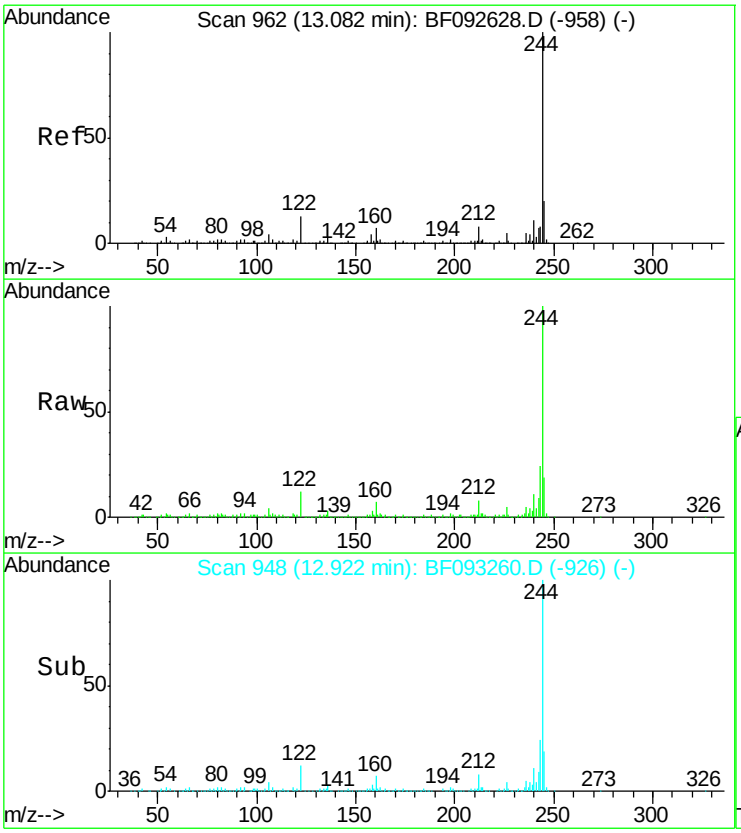
#77
Pyrene
Concen: 74.00 ng
RT: 12.78 min Scan# 936
Delta R.T. -0.03 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Instrument :
BNA_F
ClientSampleId :
TK3-10-20170227

Tgt Ion:202 Resp: 1499138

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.7	26.5
203	18.1	14.7	22.1

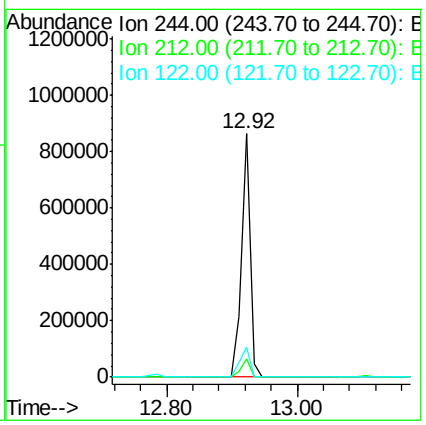


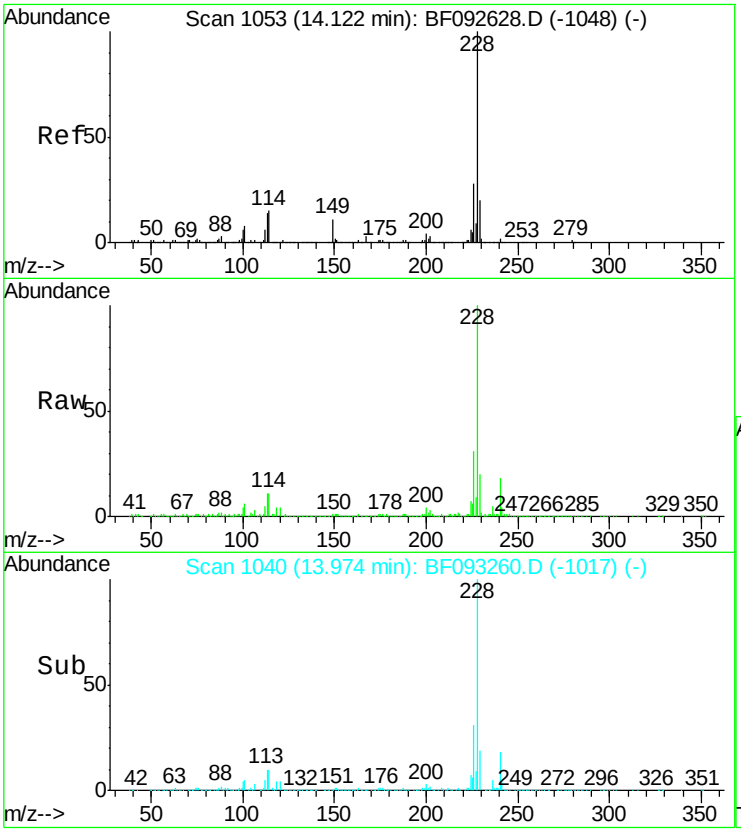


#78
Terphenyl-d14
Concen: 67.93 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.05 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Tgt Ion:244 Resp: 782625

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	12.4	11.4	17.2



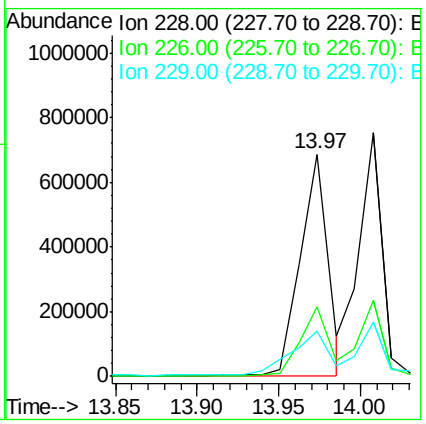


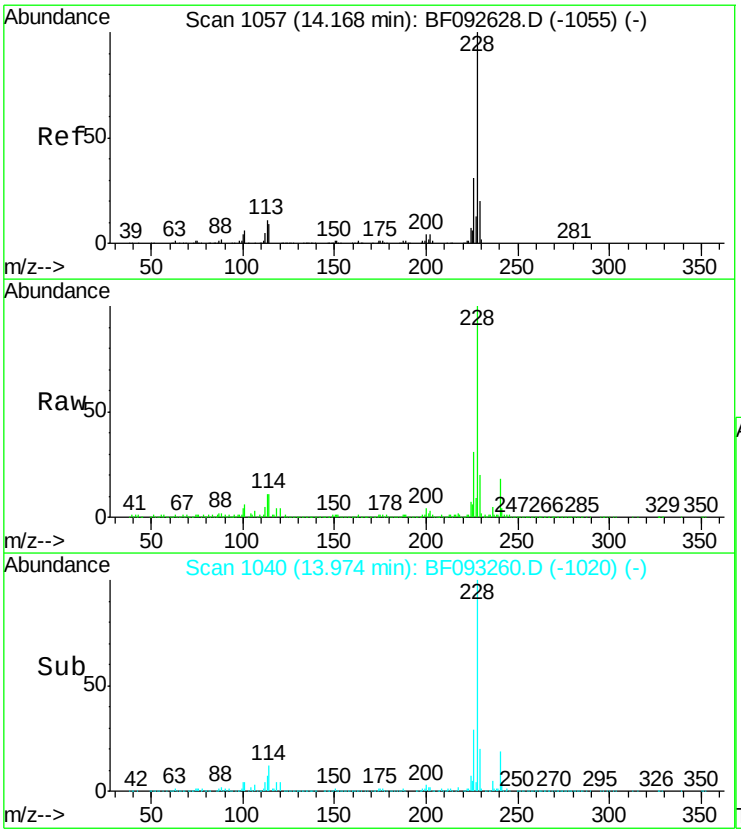
#80
Benzo(a)anthracene
Concen: 49.05 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.03 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Instrument :
BNA_F
ClientSampleId :
TK3-10-20170227

Tgt Ion:228 Resp: 812130

Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.4	33.6
229	20.4	16.2	24.4

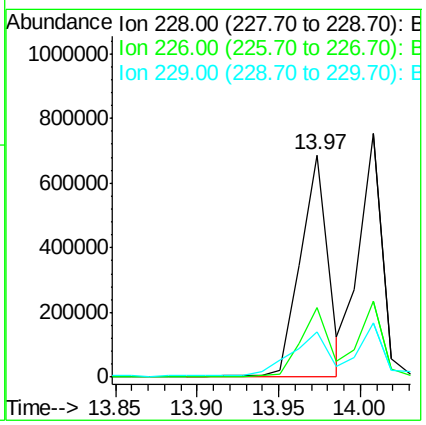


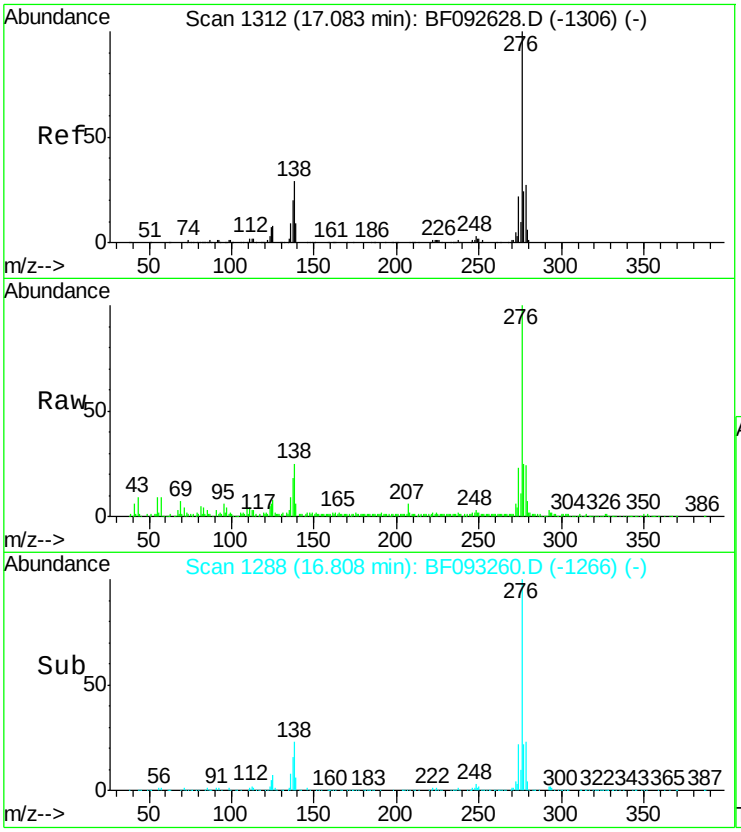


#82
Chrysene
Concen: 52.39 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.07 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Tgt Ion:228 Resp: 812130

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.4	38.0
229	20.4	16.2	24.2



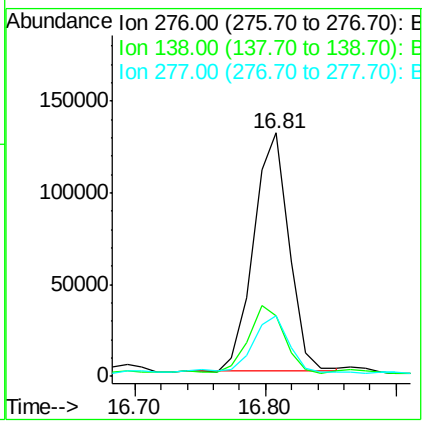


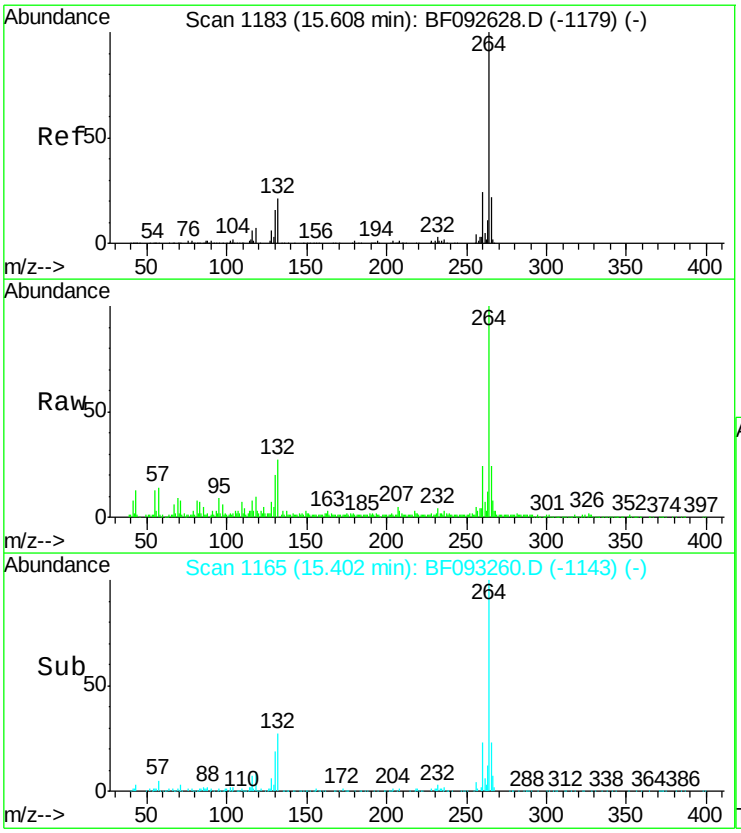
#85
Indeno(1,2,3-cd)pyrene
Concen: 20.43 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.05 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Instrument :
BNA_F
ClientSampleId :
TK3-10-20170227

Tgt Ion:276 Resp: 245335

Ion	Ratio	Lower	Upper
276	100		
138	29.6	21.8	32.6
277	25.6	20.2	30.4

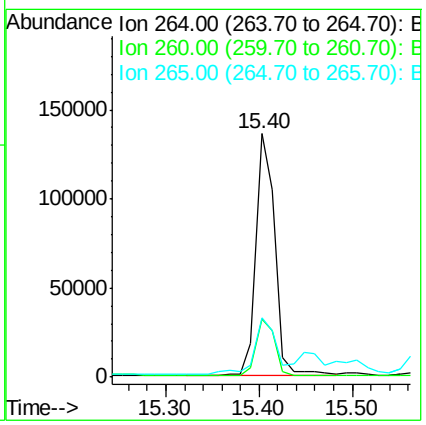


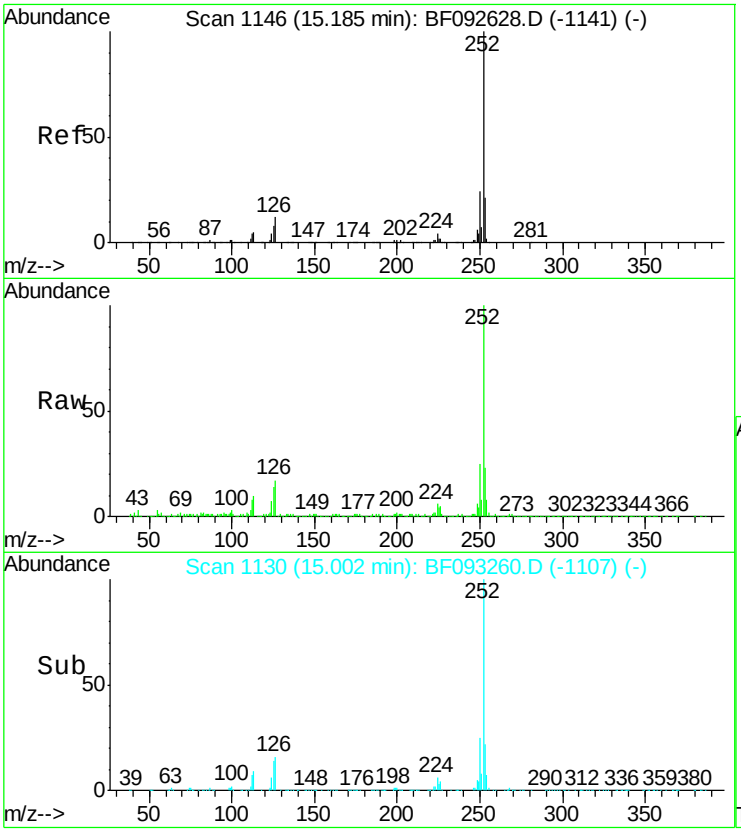


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Tgt Ion:264 Resp: 192776

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	24.2	17.4	26.0



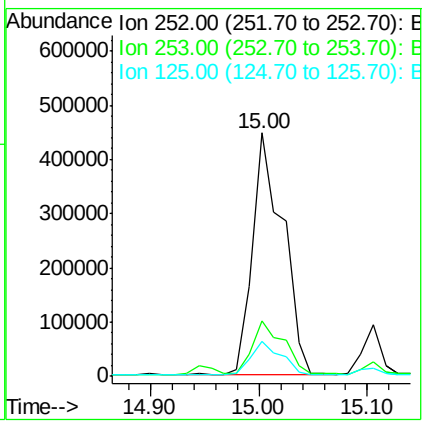


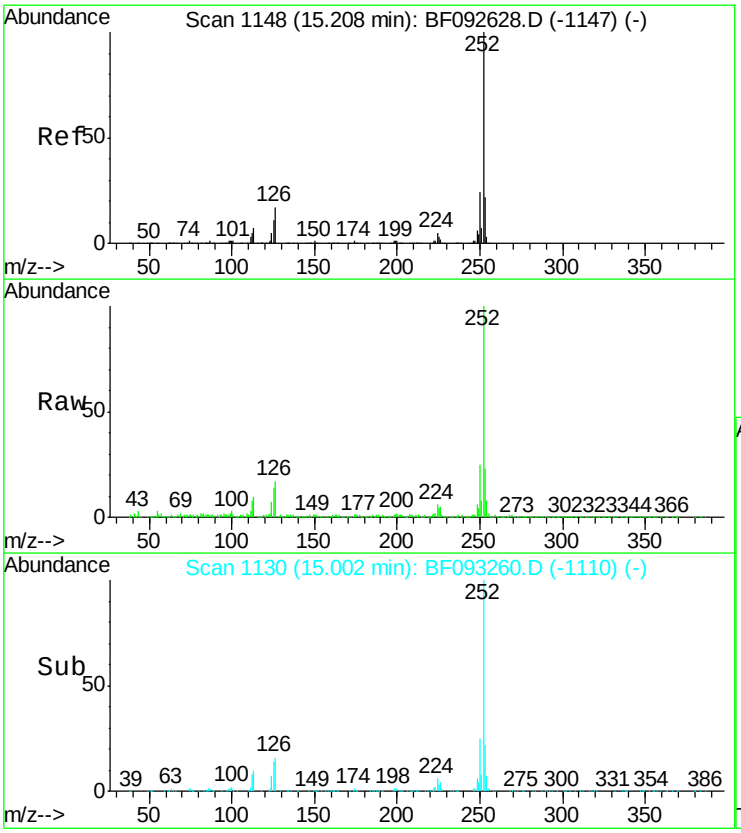
#87
Benzo(b)fluoranthene
Concen: 68.87 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Instrument :
BNA_F
ClientSampleId :
TK3-10-20170227

Tgt Ion:252 Resp: 873847

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	14.3	9.8	14.6

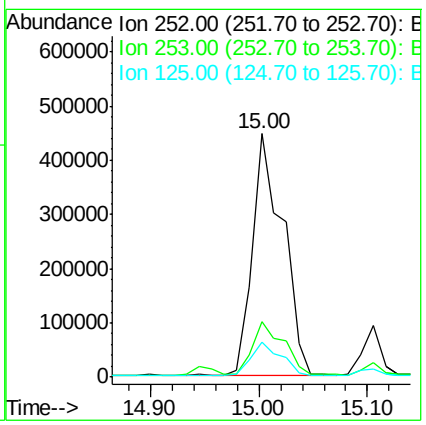


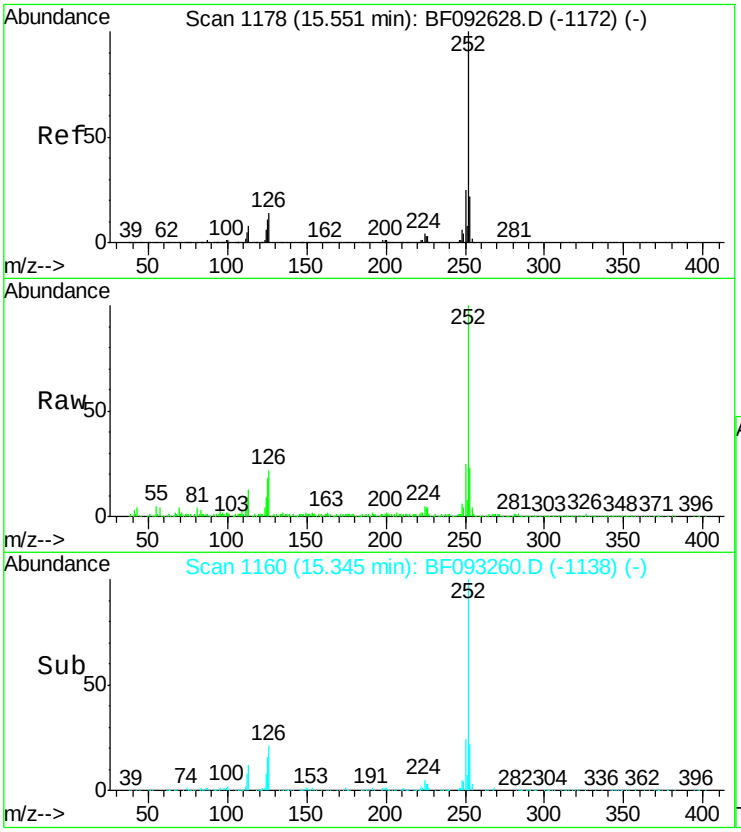


#88
Benzo(k)fluoranthene
Concen: 79.76 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.07 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Tgt Ion:252 Resp: 873847

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.5	27.7
125	14.3	8.9	13.3#



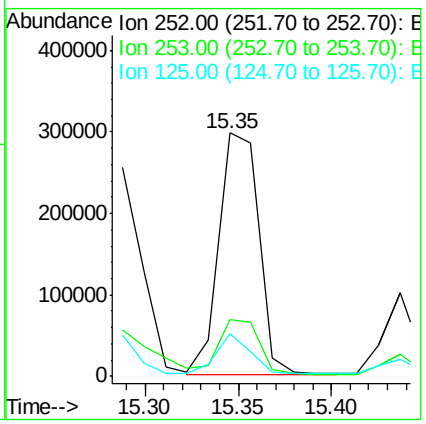


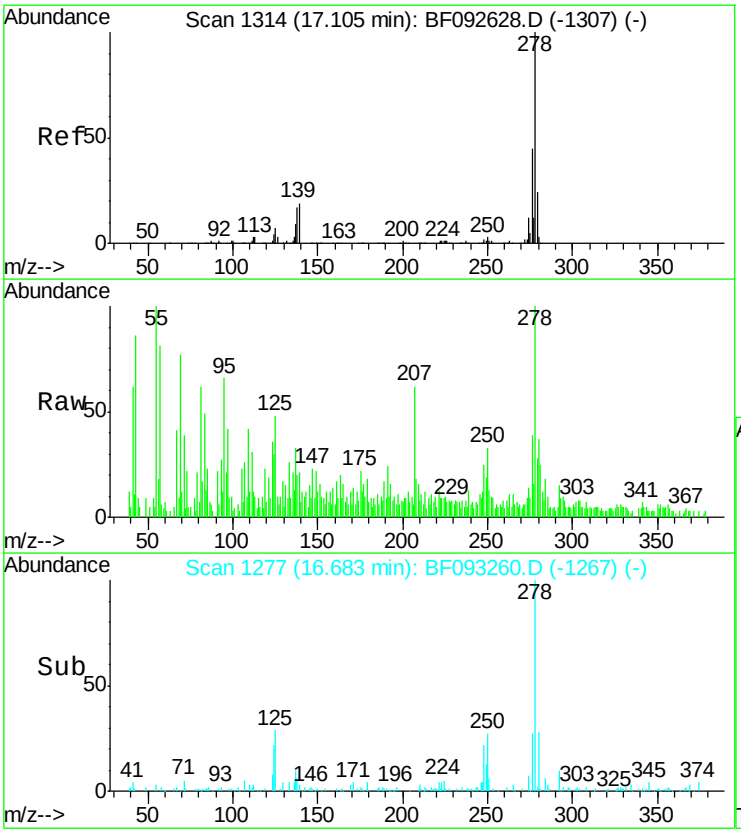
#89
Benzo(a)pyrene
Concen: 40.53 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.05 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Instrument :
BNA_F
ClientSampleId :
TK3-10-20170227

Tgt Ion:252 Resp: 444845

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	17.6	10.0	15.0#

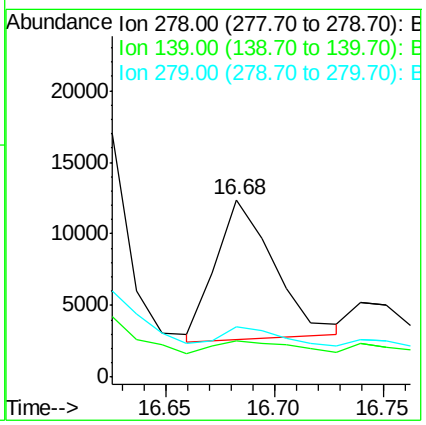


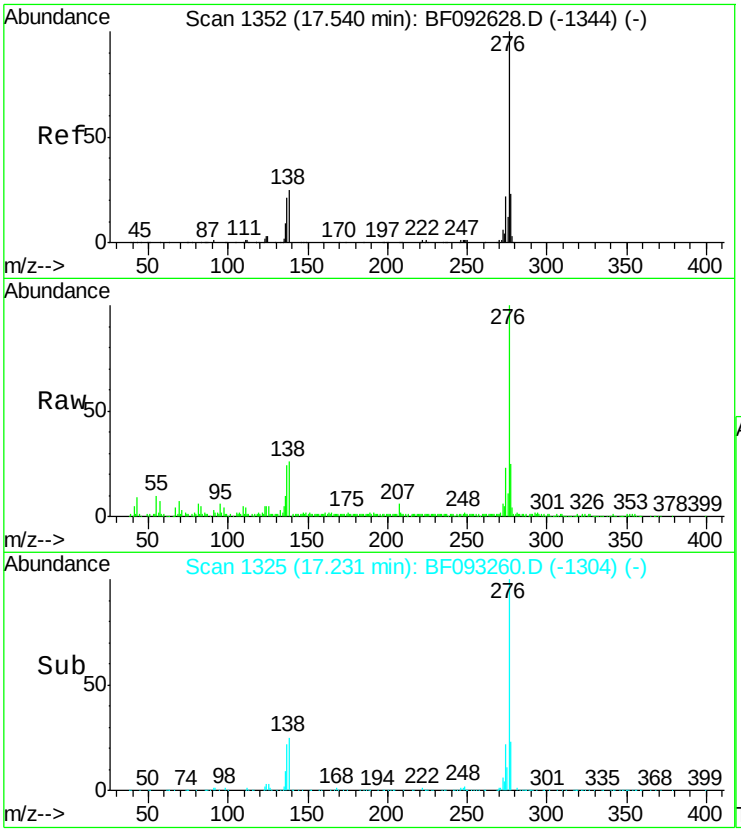


#90
Dibenzo(a,h)anthracene
Concen: 2.07 ng
RT: 16.68 min Scan# 1277
Delta R.T. -0.18 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Tgt Ion:278 Resp: 18350

Ion	Ratio	Lower	Upper
278	100		
139	20.8	14.8	22.2
279	28.5	19.8	29.6





#91
Benzo(g,h,i)perylene
Concen: 27.77 ng
RT: 17.23 min Scan# 1325
Delta R.T. -0.06 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Instrument :
BNA_F
ClientSampleId :
TK3-10-20170227

Tgt Ion:276 Resp: 248894

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.2	28.8
138	26.5	16.0	24.0#