Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086396.D
Acq On : 23 Apr 2016 17:58
Operator : UM/SJ
Sample : H2640-31
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-TP-B5(0-15)-C

Quant Time: Apr 25 00:54:24 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 23 00:24:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	183330	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	694417	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	286892	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	457338	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	359381	20.00	ng		0.00
86) Perylene-d12	15.41	264	298072	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1257001	118.41	ng		0.02
7) Phenol-d6	6.48	99	1449825	100.46	ng		0.00
23) Nitrobenzene-d5	7.40	82	953734	81.36	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	260994	100.50	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1471930	87.55	ng		0.00
78) Terphenyl-d14	12.94	244	931229	64.38	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	122862	14.25	ng	#	82
25) Isophorone	7.40	82	953721	41.51	ng	#	68
49) Dimethylphthalate	9.60	163	236334	11.40	ng		99
51) Acenaphthene	9.90	154	139116	7.93	ng		96
54) Dibenzofuran	10.09	168	89214	3.96	ng		93
55) 4-Nitrophenol	10.08	139	34796	8.87	ng	#	18
57) Fluorene	10.42	166	137243	7.43	ng		99
66) 4-Bromophenyl-phenylether	10.67	248	16250	3.63	ng	#	1
70) Phenanthrene	11.39	178	1129184	49.14	ng		100
71) Anthracene	11.44	178	578822	21.98	ng		99
72) Carbazole	11.60	167	71423	2.89	ng		97
74) Fluoranthene	12.58	202	1318411	53.20	ng		98
77) Pyrene	12.80	202	1333920	53.22	ng		96
80) Benzo(a)anthracene	13.99	228	776055	41.60	ng		98
82) Chrysene	13.99	228	776055	36.92	ng		97
85) Indeno(1,2,3-cd)pyrene	16.79	276	241022	12.90	ng		96
87) Benzo(b)fluoranthene	15.01	252	874658	53.46	ng		98
88) Benzo(k)fluoranthene	15.01	252	874658	54.47	ng		98
89) Benzo(a)pyrene	15.36	252	496302	30.75	ng		98
90) Dibenzo(a,h)anthracene	16.80	278	49812	3.74	ng	#	87
91) Benzo(g,h,i)perylene	17.20	276	225233	16.39	ng		98

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

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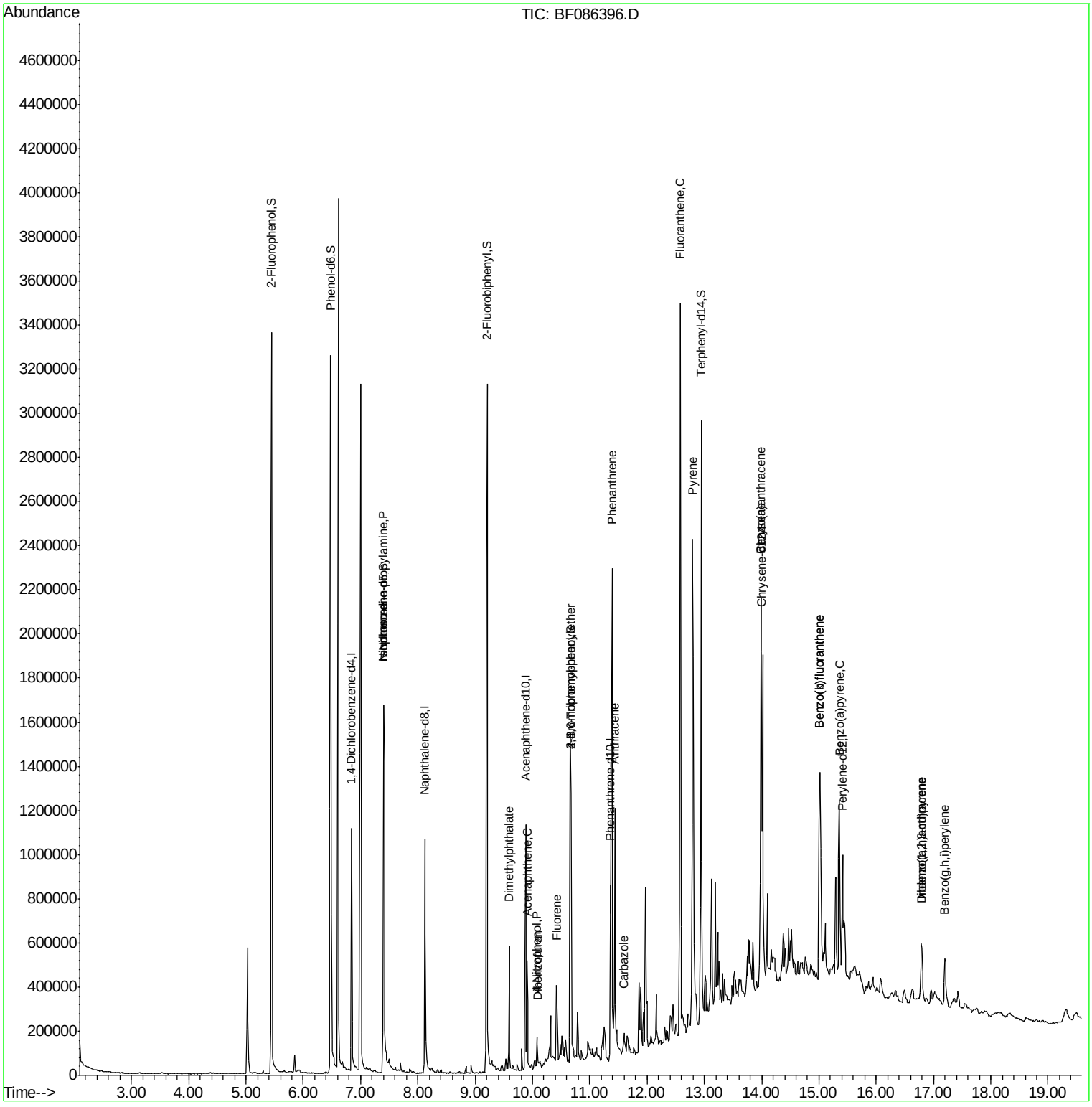
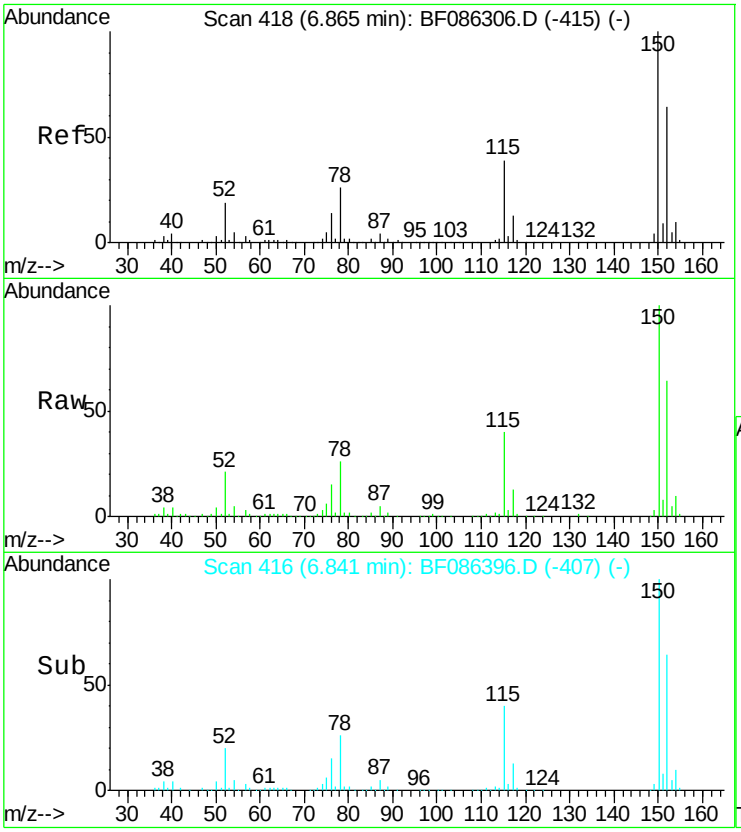


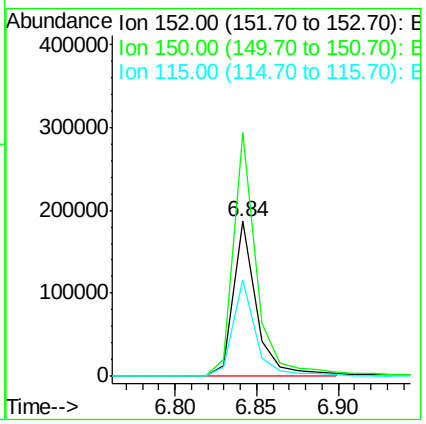


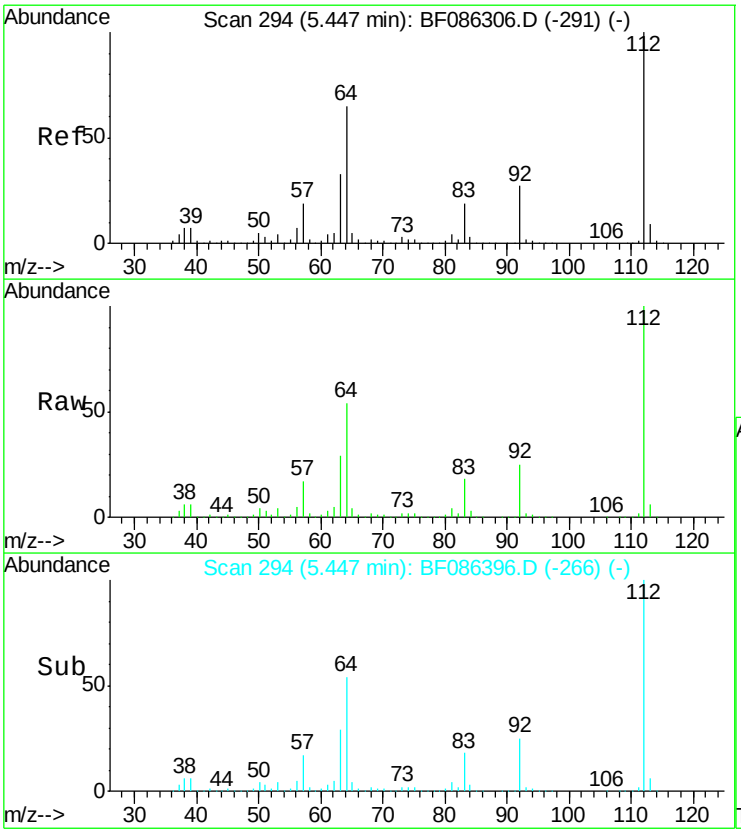
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF086396.D
Acq: 23 Apr 2016 17:58

Instrument :
BNA_F
ClientSampleId :
EUT01-TP-B5(0-15)-C

Tgt Ion:152 Resp: 183330

Ion	Ratio	Lower	Upper
152	100		
150	157.3	125.8	188.6
115	62.1	51.5	77.3

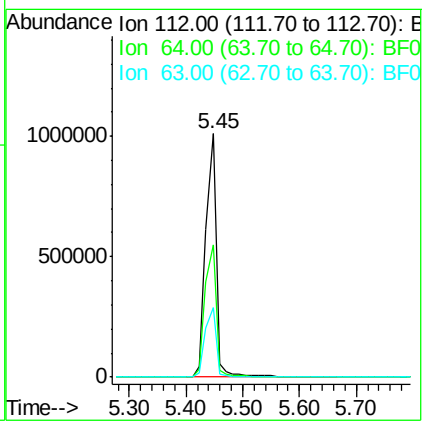


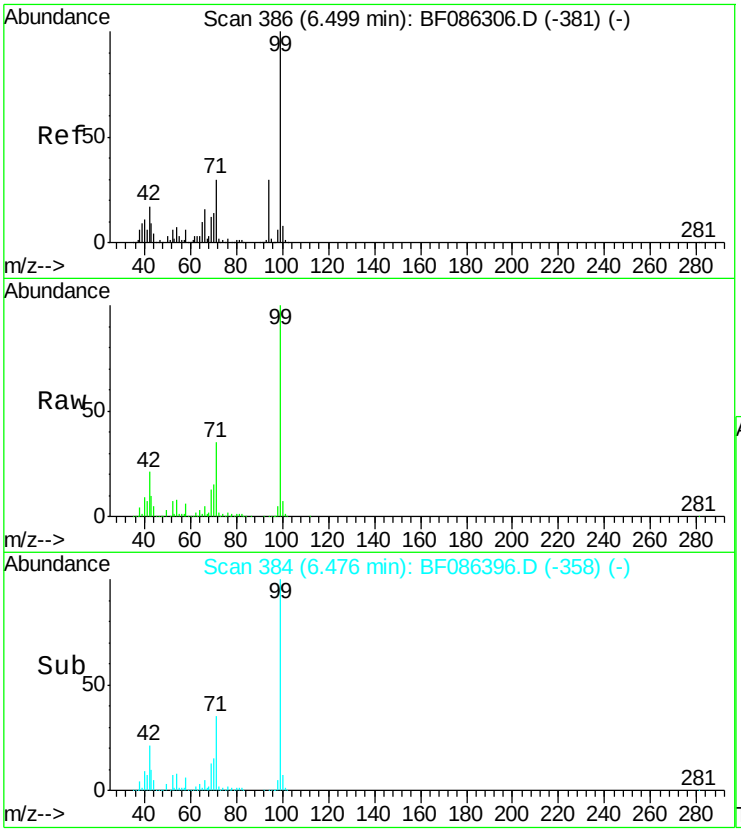


#5
2-Fluorophenol
Concen: 118.41 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.02 min
Lab File: BF086396.D
Acq: 23 Apr 2016 17:58

Tgt Ion:112 Resp: 1257001

Ion	Ratio	Lower	Upper
112	100		
64	54.2	52.1	78.1
63	28.6	25.7	38.5



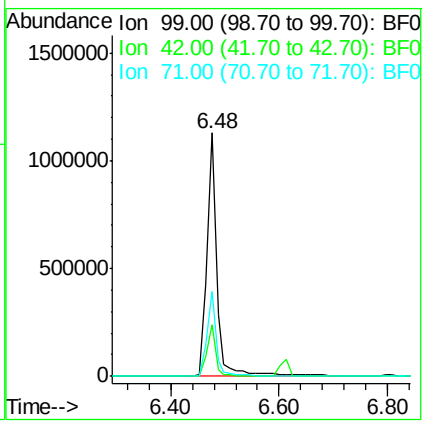


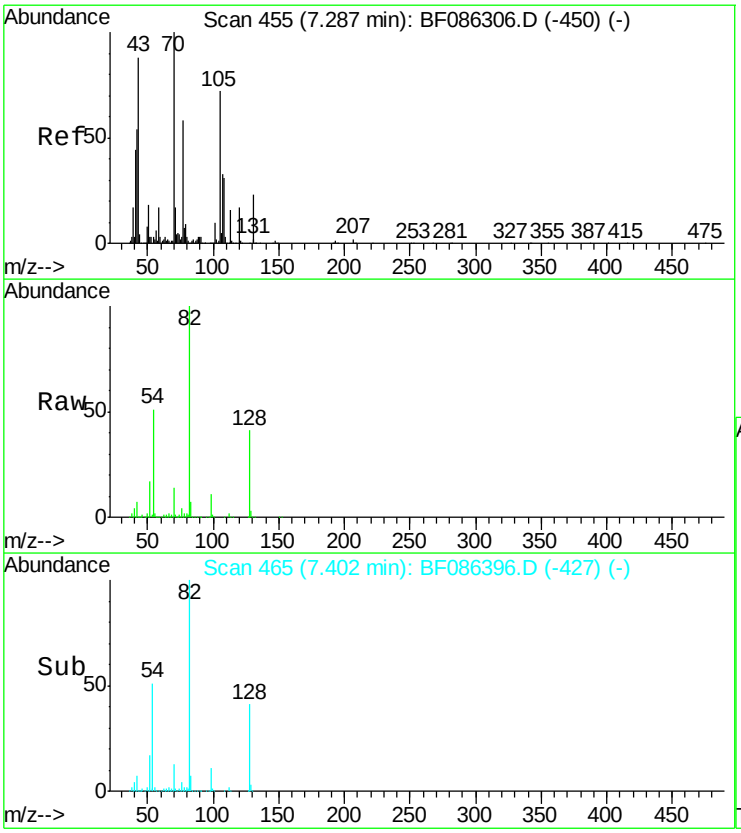
#7
Phenol-d6
Concen: 100.46 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.00 min
Lab File: BF086396.D
Acq: 23 Apr 2016 17:58

Instrument :
BNA_F
ClientSampleId :
EUT01-TP-B5(0-15)-C

Tgt Ion: 99 Resp: 1449825

Ion	Ratio	Lower	Upper
99	100		
42	21.4	13.6	20.4#
71	35.0	24.6	36.8

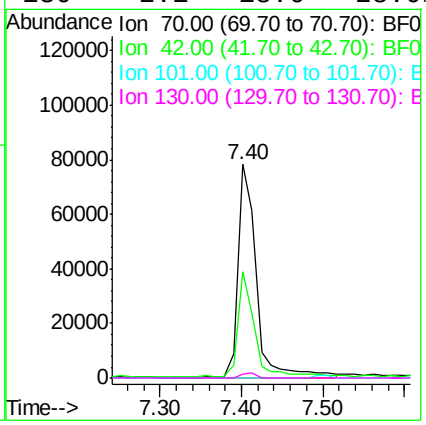


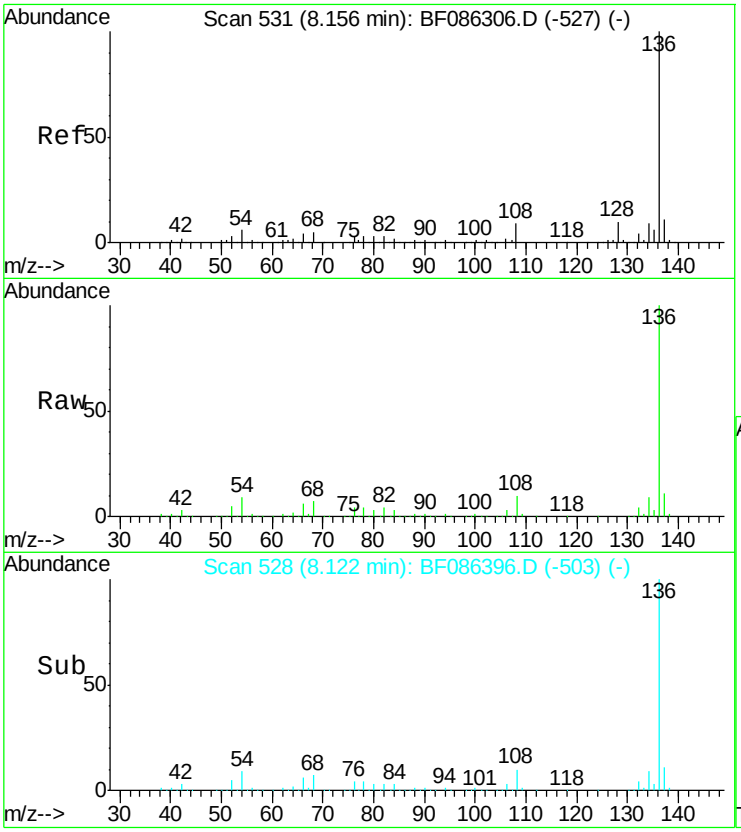


#19
n-Nitroso-di-n-propylamine
Concen: 14.25 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.14 min
Lab File: BF086396.D
Acq: 23 Apr 2016 17:58

Tgt Ion: 70 Resp: 122862

Ion	Ratio	Lower	Upper
70	100		
42	50.0	43.1	64.7
101	0.0	8.1	12.1#
130	2.1	18.6	28.0#



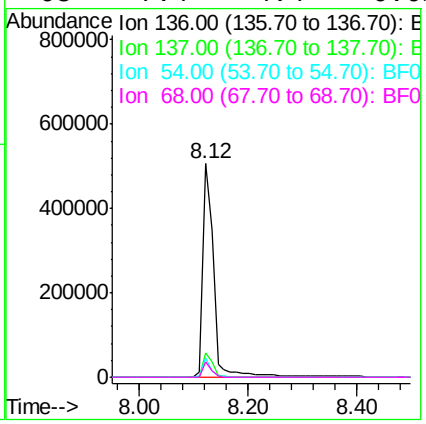


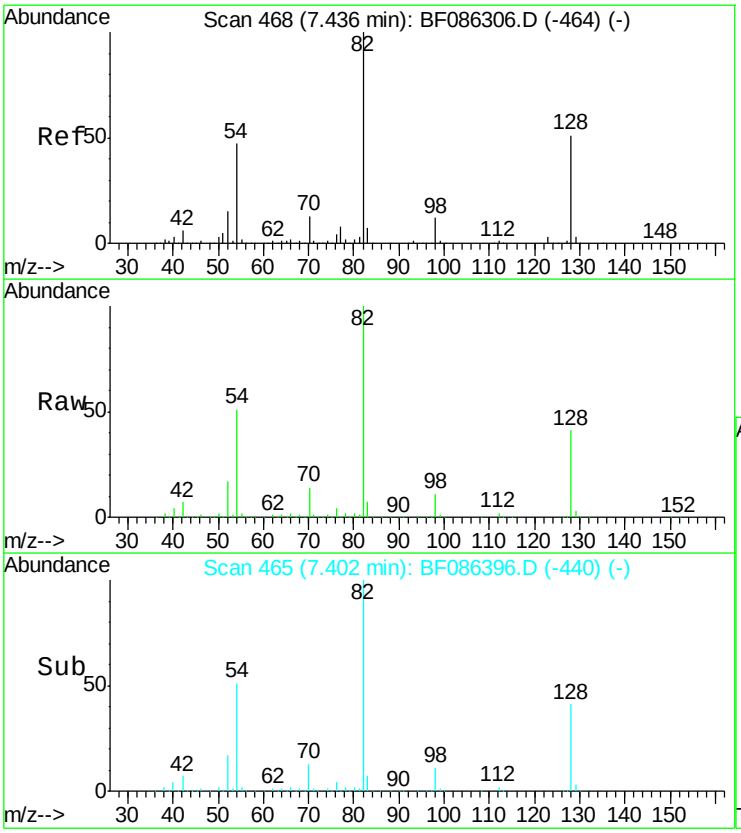
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF086396.D
Acq: 23 Apr 2016 17:58

Instrument :
BNA_F
ClientSampleId :
EUT01-TP-B5(0-15)-C

Tgt Ion:136 Resp: 694417

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.2	5.0	7.4#
68	7.4	4.4	6.6#

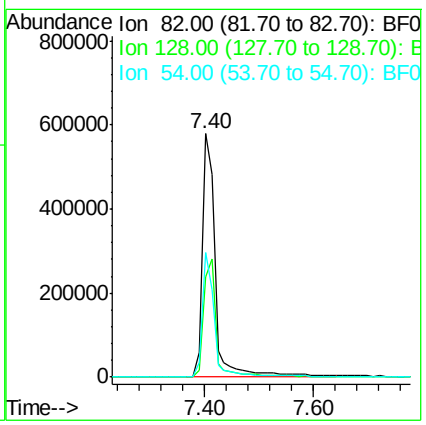


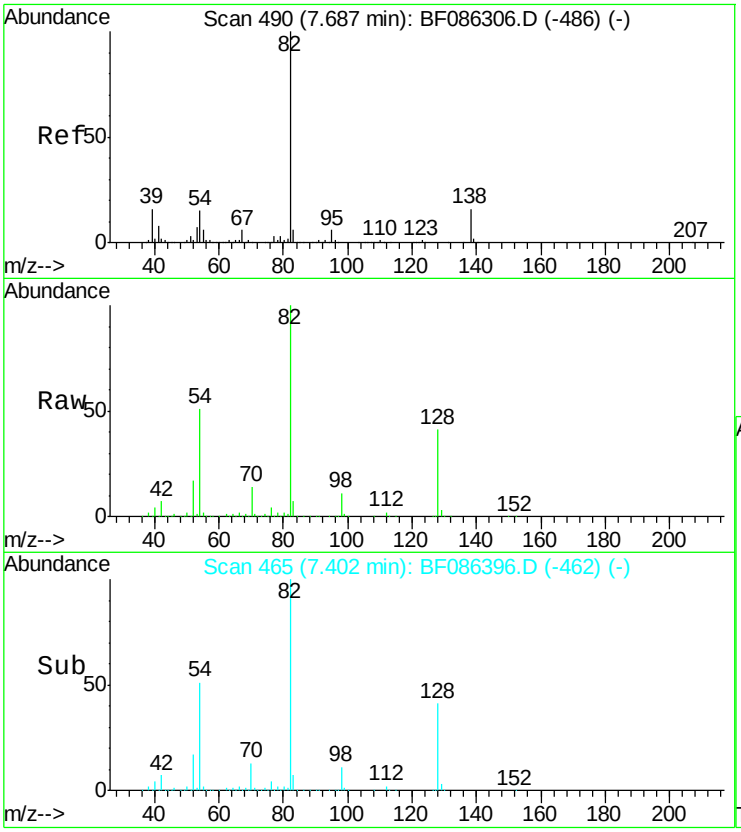


#23
Nitrobenzene-d5
Concen: 81.36 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF086396.D
Acq: 23 Apr 2016 17:58

Tgt Ion: 82 Resp: 953734

Ion	Ratio	Lower	Upper
82	100		
128	41.3	40.6	61.0
54	51.2	38.1	57.1



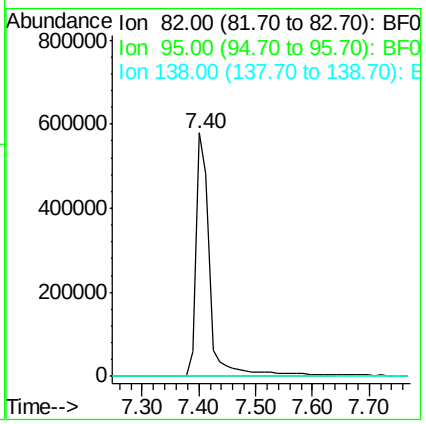


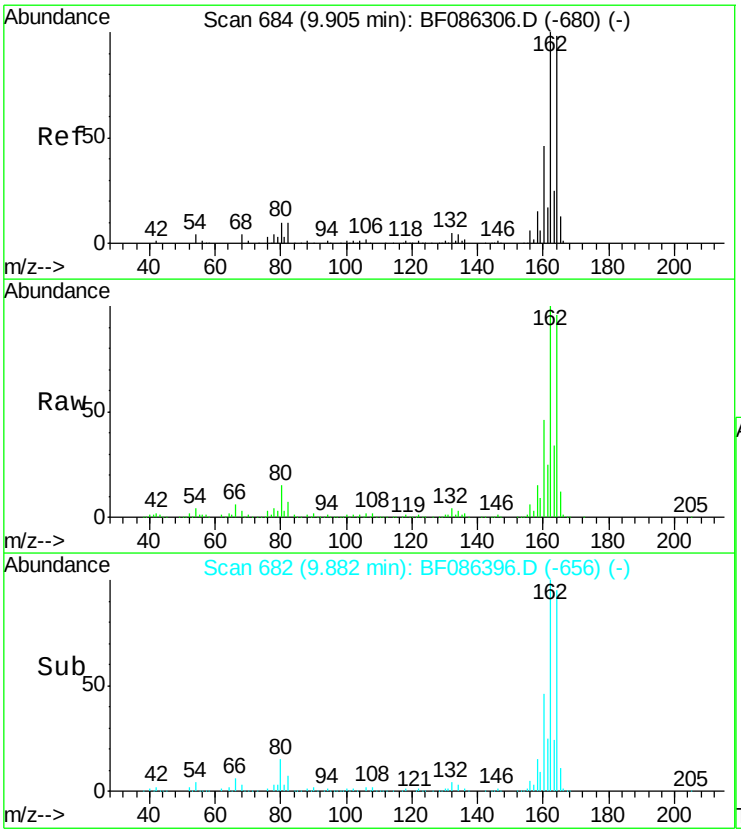
#25
Isophorone
Concen: 41.51 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.26 min
Lab File: BF086396.D
Acq: 23 Apr 2016 17:58

Instrument :
BNA_F
ClientSampleId :
EUT01-TP-B5(0-15)-C

Tgt Ion: 82 Resp: 953721

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#

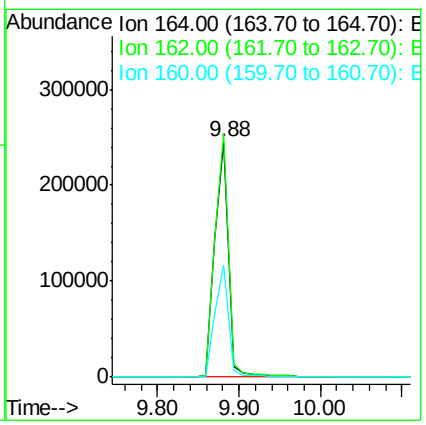


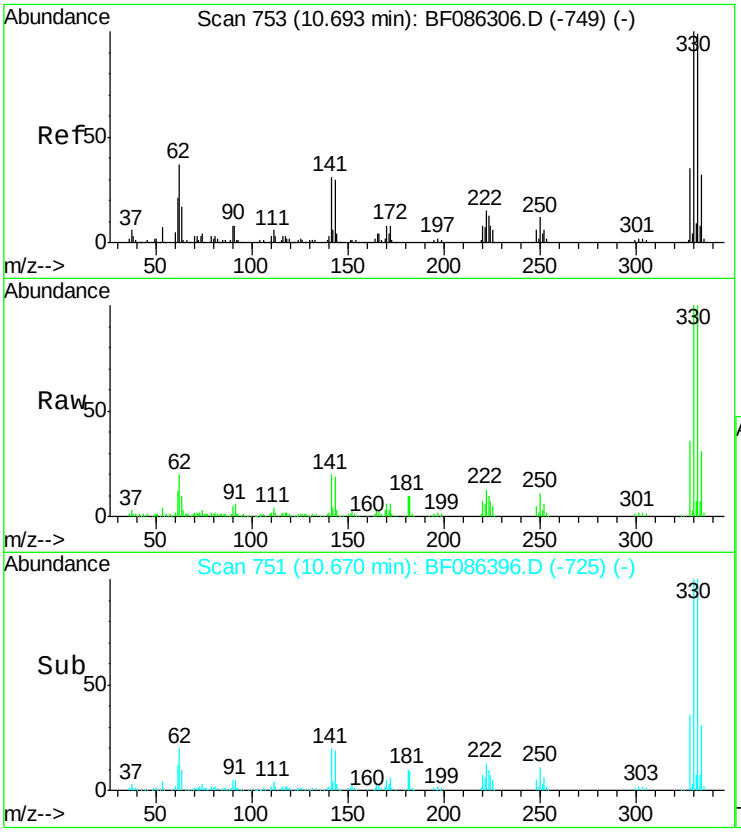


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF086396.D
Acq: 23 Apr 2016 17:58

Tgt Ion:164 Resp: 286892

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.8	124.2
160	47.4	36.9	55.3



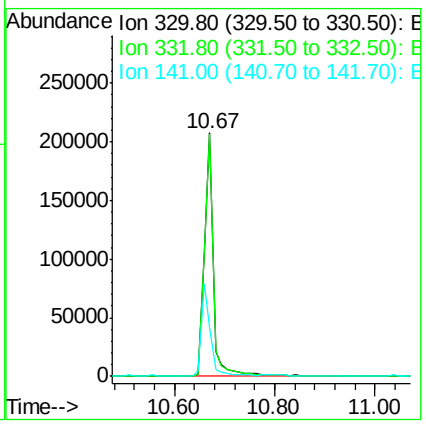


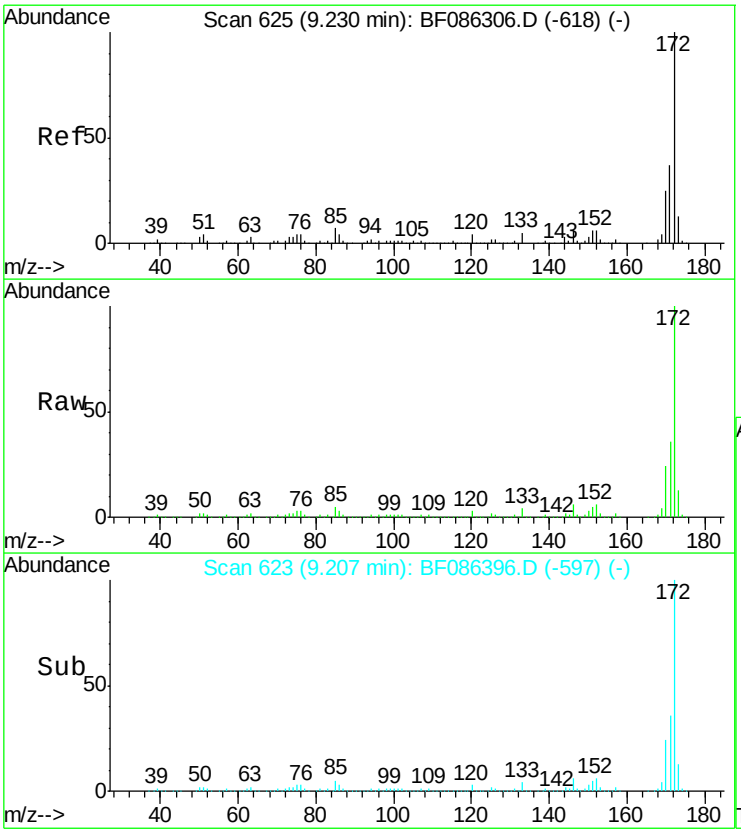
#41
2,4,6-Tribromophenol
Concen: 100.50 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF086396.D
Acq: 23 Apr 2016 17:58

Instrument :
BNA_F
ClientSampleId :
EUT01-TP-B5(0-15)-C

Tgt Ion:330 Resp: 260994

Ion	Ratio	Lower	Upper
330	100		
332	99.5	79.0	118.4
141	36.7	31.2	46.8

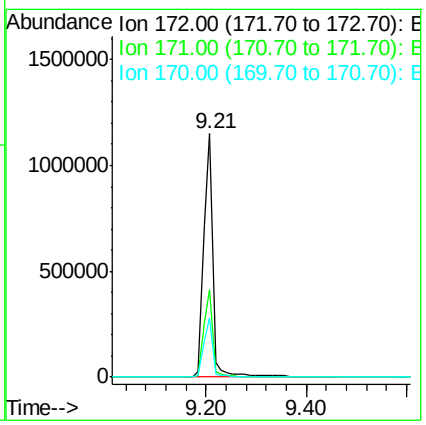


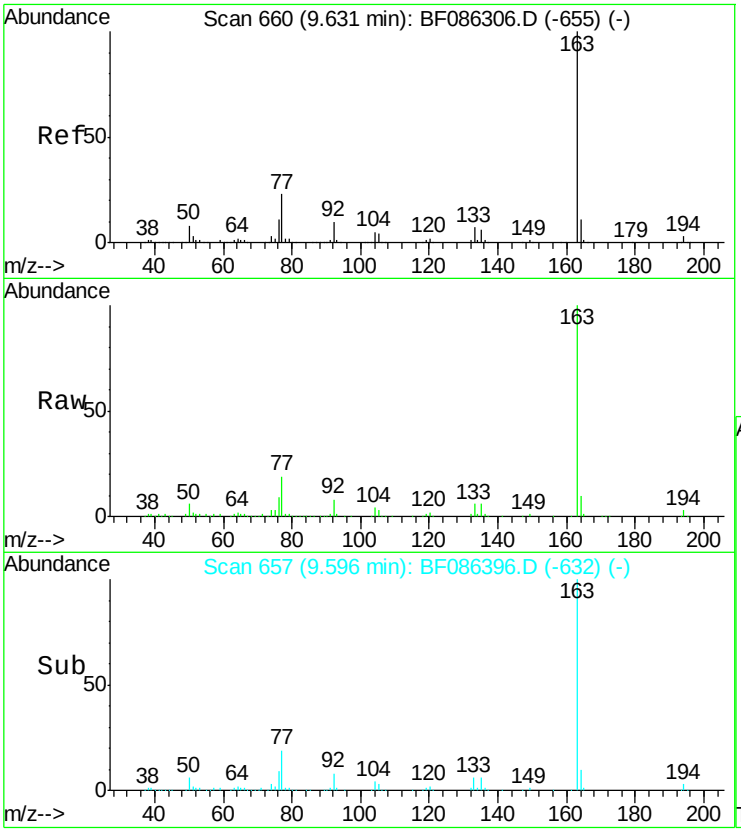


#44
2-Fluorobiphenyl
Concen: 87.55 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF086396.D
Acq: 23 Apr 2016 17:58

Tgt Ion:172 Resp: 1471930

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.3	19.8	29.8



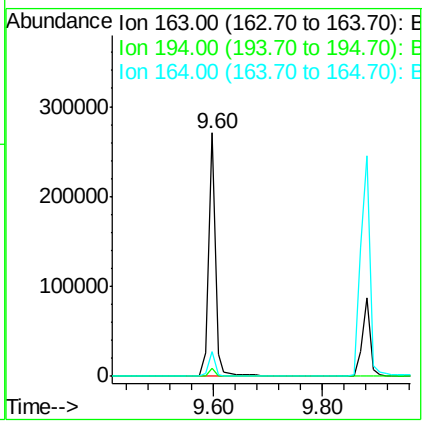


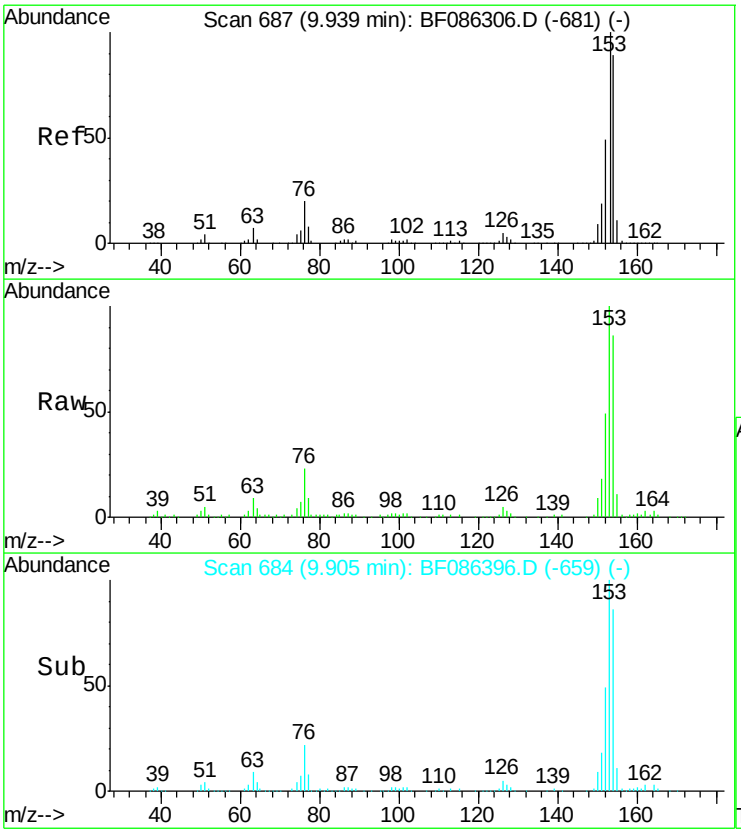
#49
Dimethylphthalate
Concen: 11.40 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086396.D
Acq: 23 Apr 2016 17:58

Instrument :
BNA_F
ClientSampleId :
EUT01-TP-B5(0-15)-C

Tgt Ion:163 Resp: 236334

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.1	8.2	12.4

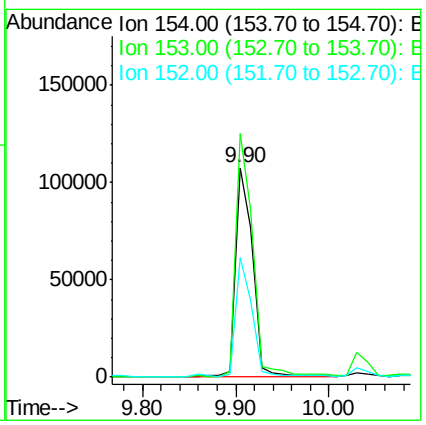


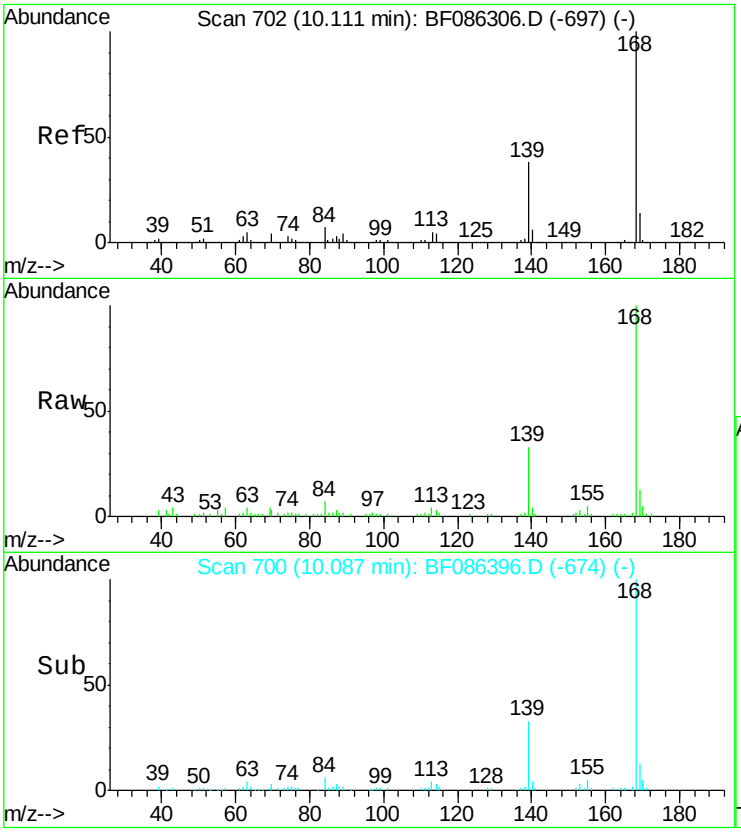


#51
Acenaphthene
Concen: 7.93 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF086396.D
Acq: 23 Apr 2016 17:58

Tgt Ion:154 Resp: 139116

Ion	Ratio	Lower	Upper
154	100		
153	116.4	89.8	134.6
152	57.2	43.4	65.0



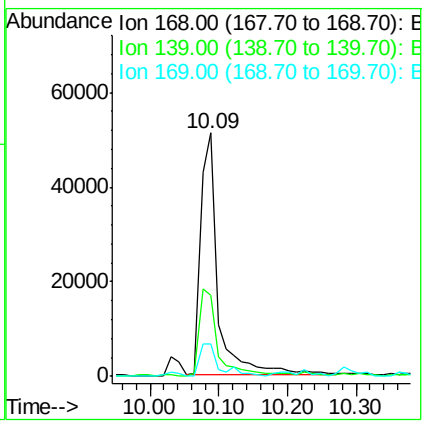


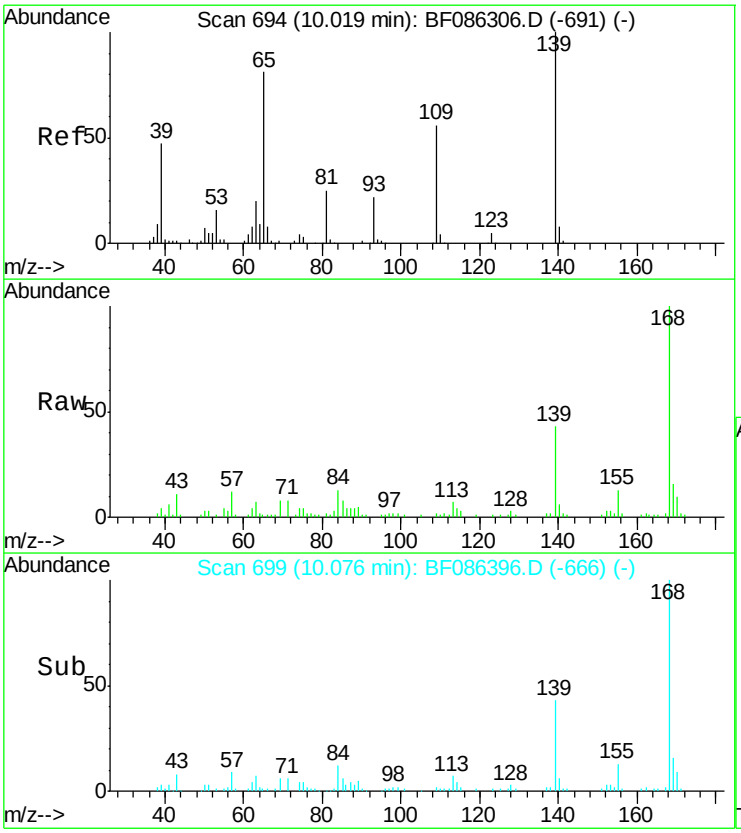
#54
Dibenzofuran
Concen: 3.96 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF086396.D
Acq: 23 Apr 2016 17:58

Instrument :
BNA_F
ClientSampleId :
EUT01-TP-B5(0-15)-C

Tgt Ion:168 Resp: 89214

Ion	Ratio	Lower	Upper
168	100		
139	33.3	31.4	47.0
169	13.3	10.7	16.1

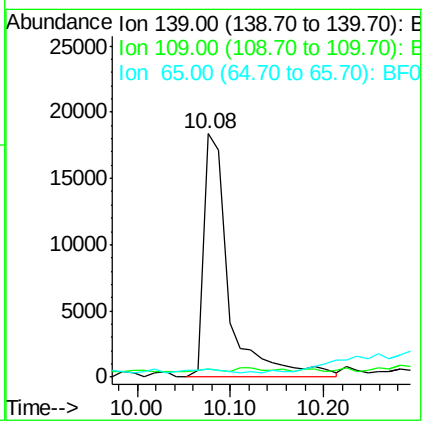


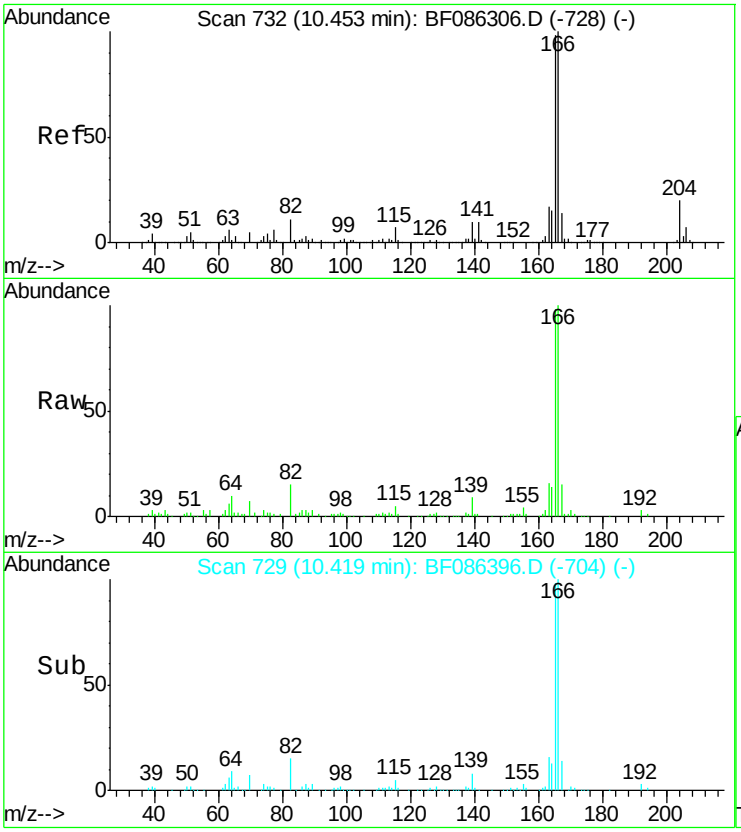


#55
4-Nitrophenol
Concen: 8.87 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.08 min
Lab File: BF086396.D
Acq: 23 Apr 2016 17:58

Tgt Ion:139 Resp: 34796

Ion	Ratio	Lower	Upper
139	100		
109	3.5	36.9	76.9#
65	3.4	64.0	104.0#



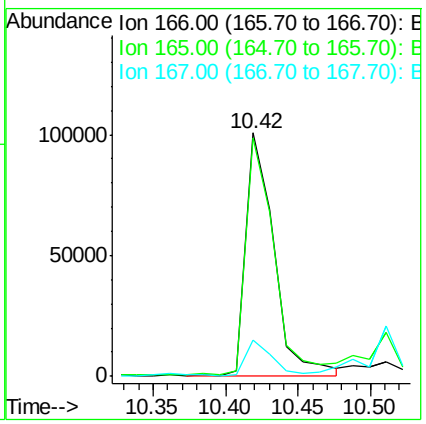


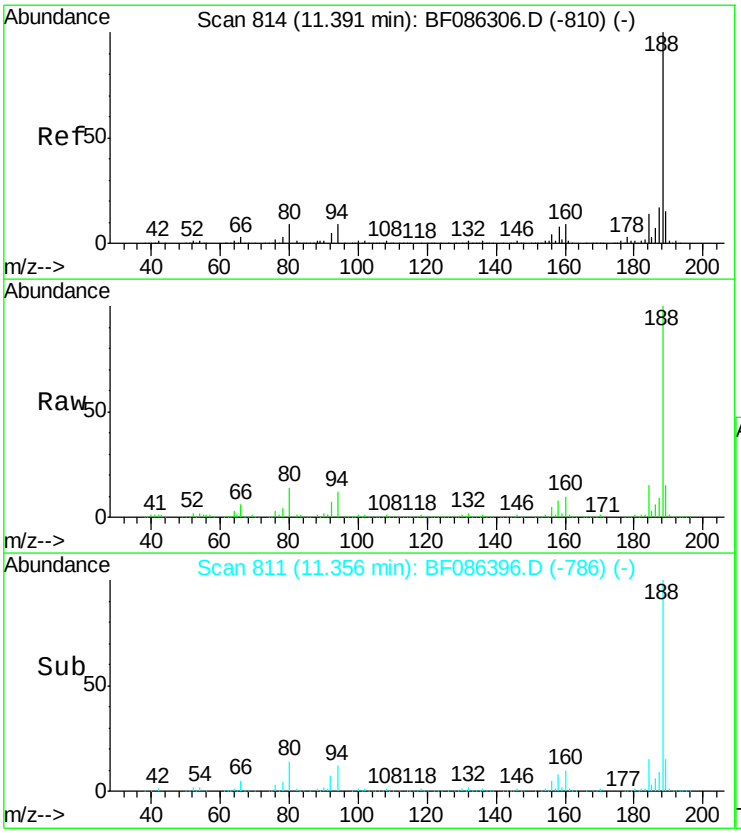
#57
Fluorene
Concen: 7.43 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF086396.D
Acq: 23 Apr 2016 17:58

Instrument :
BNA_F
ClientSampleId :
EUT01-TP-B5(0-15)-C

Tgt Ion:166 Resp: 137243

Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.0	118.6
167	14.9	10.6	15.8

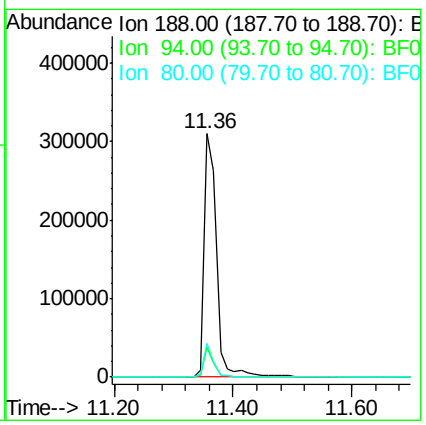


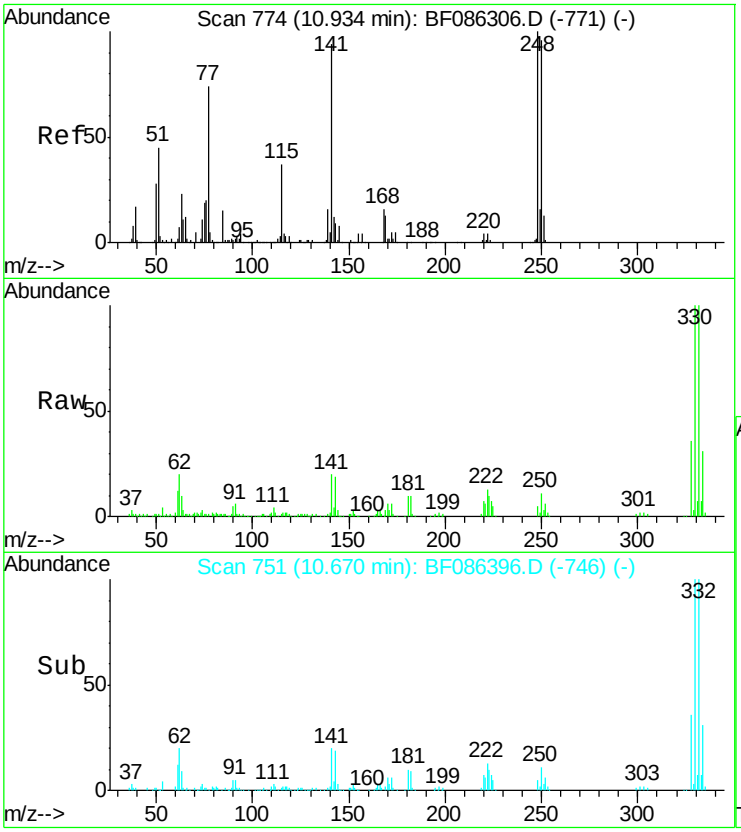


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF086396.D
Acq: 23 Apr 2016 17:58

Tgt Ion:188 Resp: 457338

Ion	Ratio	Lower	Upper
188	100		
94	12.1	6.8	10.2#
80	13.8	7.1	10.7#



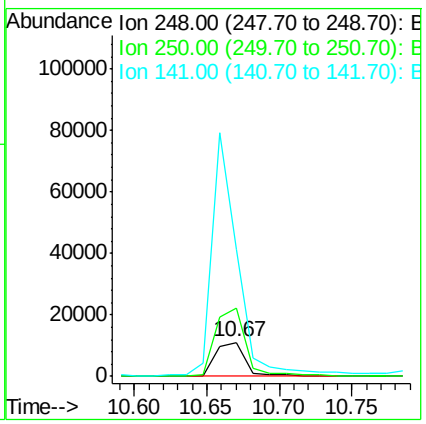


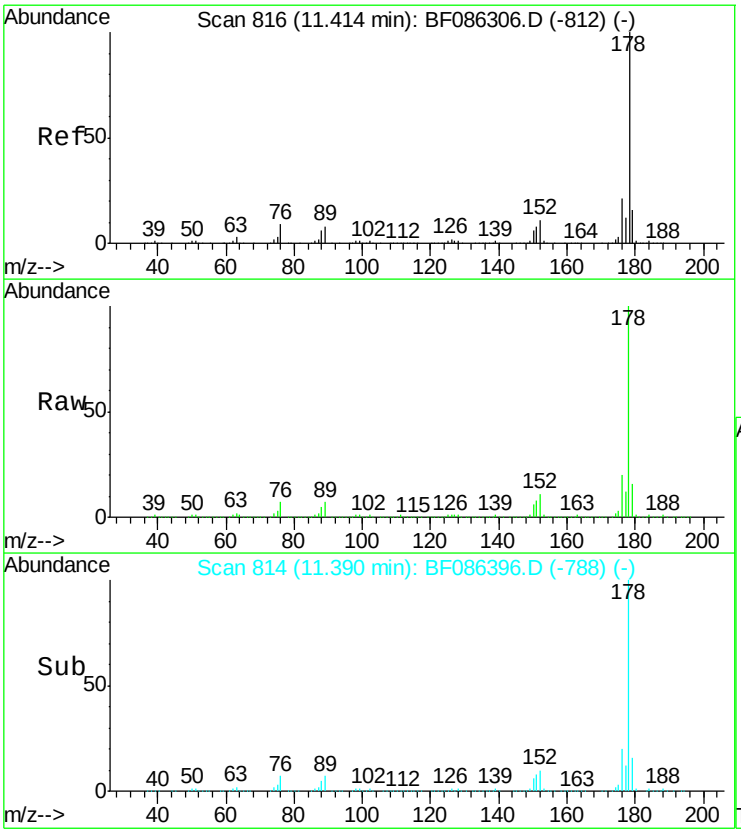
#66
4-Bromophenyl-phenylether
Concen: 3.63 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.24 min
Lab File: BF086396.D
Acq: 23 Apr 2016 17:58

Instrument :
BNA_F
ClientSampleId :
EUT01-TP-B5(0-15)-C

Tgt Ion:248 Resp: 16250

Ion	Ratio	Lower	Upper
248	100		
250	200.9	78.6	117.8#
141	377.3	76.0	114.0#

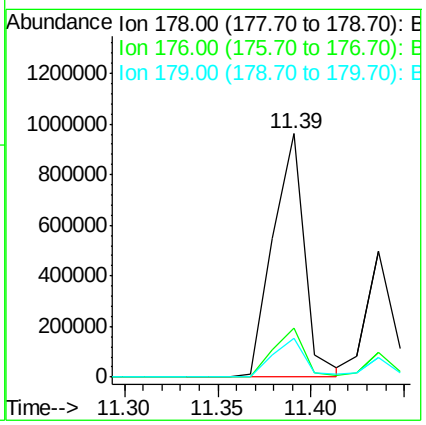


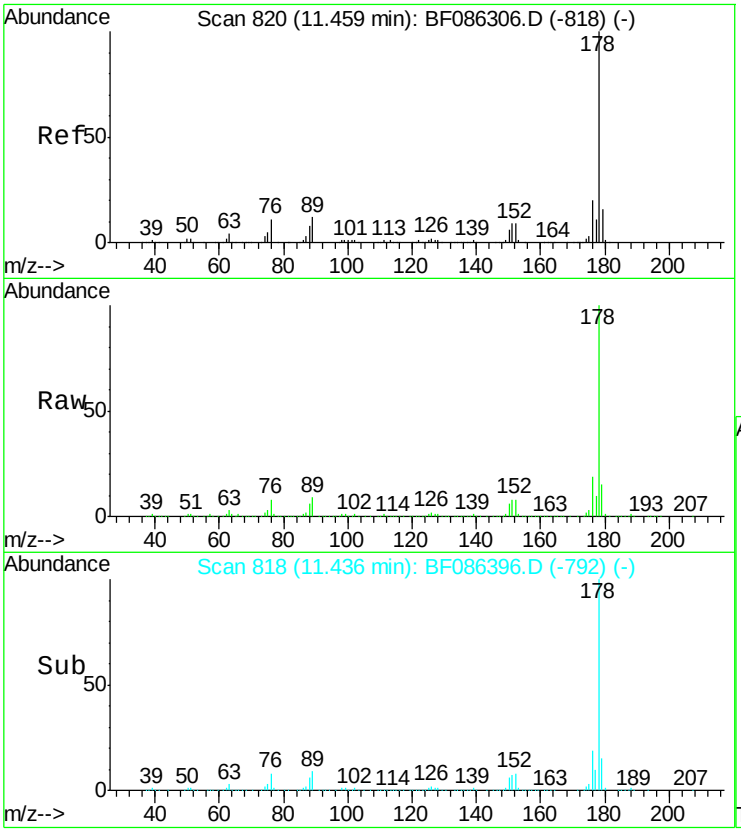


#70
Phenanthrene
Concen: 49.14 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF086396.D
Acq: 23 Apr 2016 17:58

Tgt Ion:178 Resp: 1129184

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	15.8	12.6	18.8



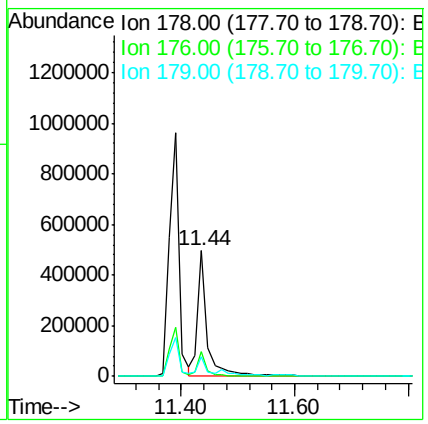


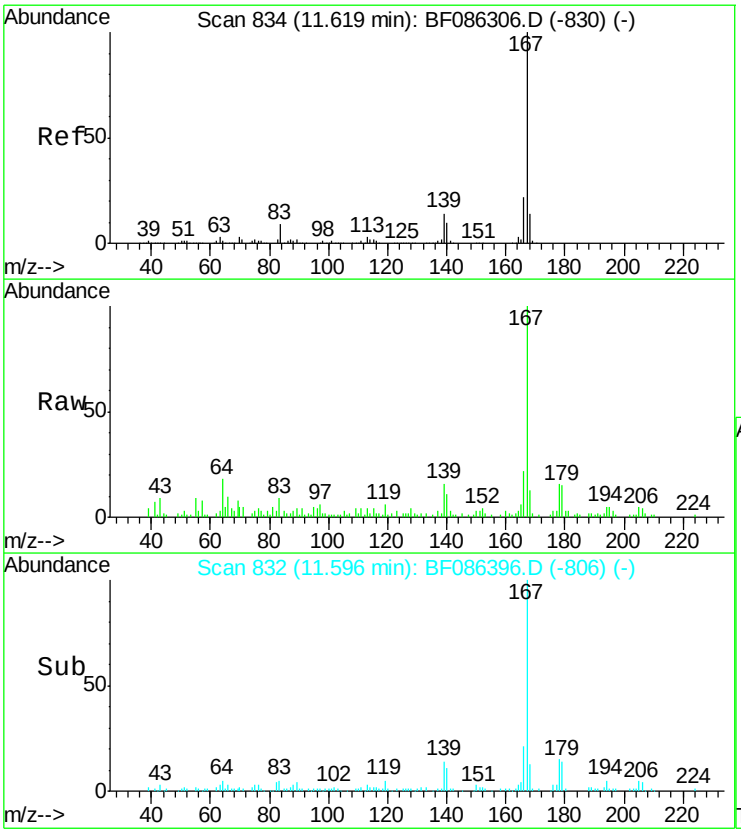
#71
Anthracene
Concen: 21.98 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF086396.D
Acq: 23 Apr 2016 17:58

Instrument :
BNA_F
ClientSampleId :
EUT01-TP-B5(0-15)-C

Tgt Ion:178 Resp: 578822

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.5	12.7	19.1

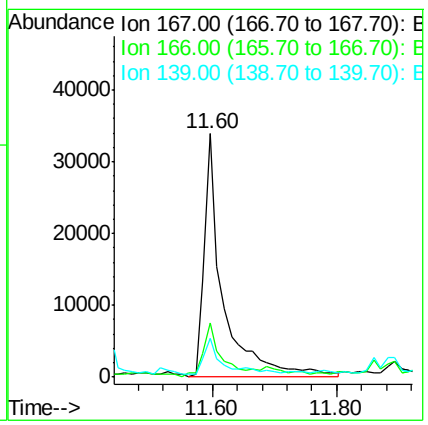


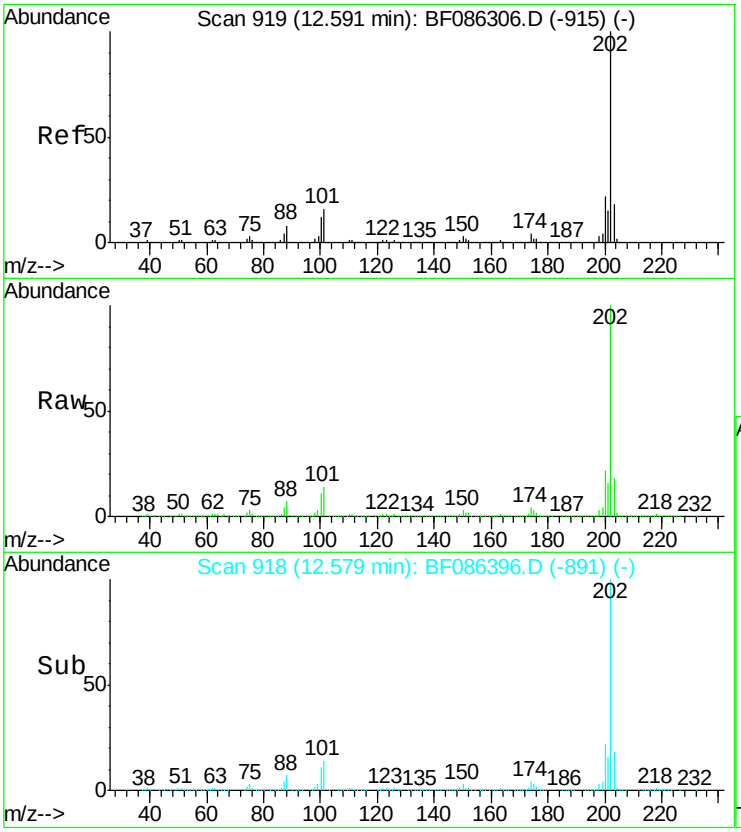


#72
Carbazole
Concen: 2.89 ng
RT: 11.60 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF086396.D
Acq: 23 Apr 2016 17:58

Tgt Ion:167 Resp: 71423

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	16.2	10.8	16.2



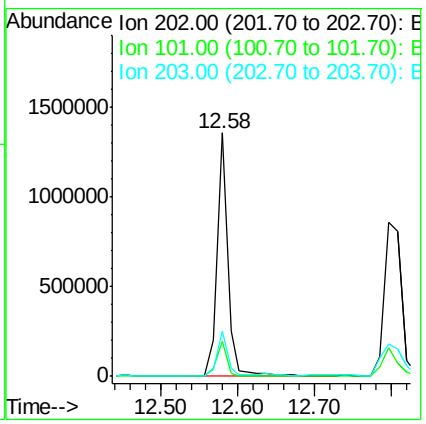


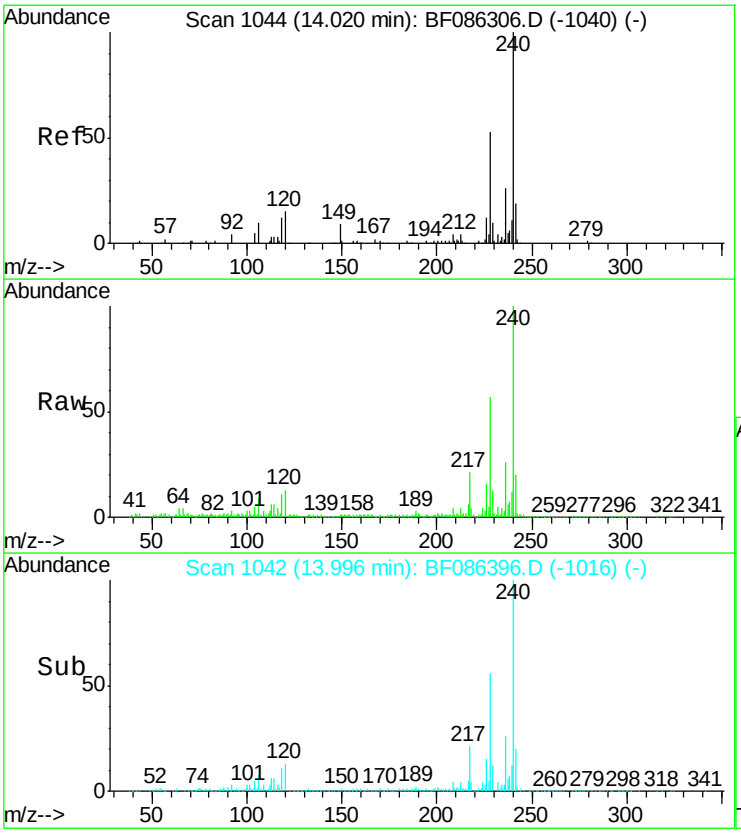
#74
Fluoranthene
Concen: 53.20 ng
RT: 12.58 min Scan# 918
Delta R.T. 0.01 min
Lab File: BF086396.D
Acq: 23 Apr 2016 17:58

Instrument :
BNA_F
ClientSampleId :
EUT01-TP-B5(0-15)-C

Tgt Ion:202 Resp: 1318411

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	35.4
203	18.5	0.0	38.1

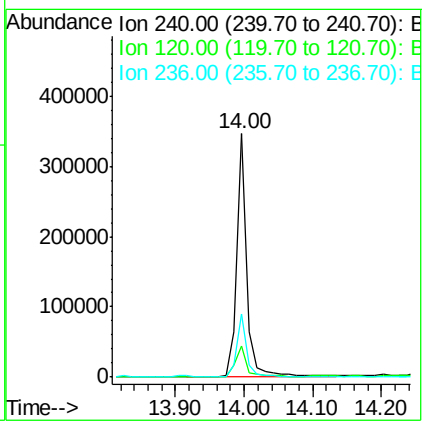


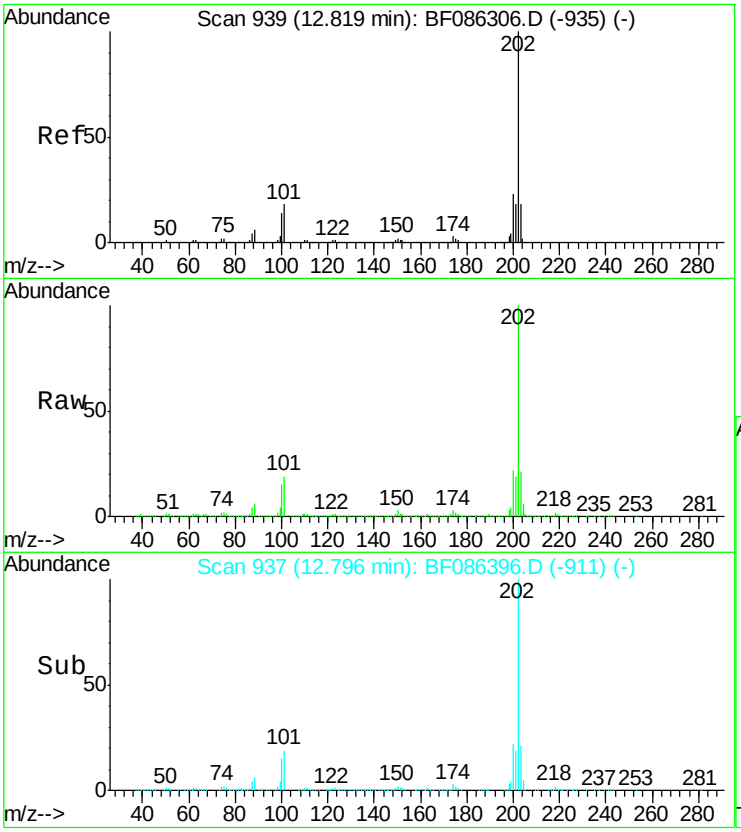


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF086396.D
Acq: 23 Apr 2016 17:58

Tgt Ion:240 Resp: 359381

Ion	Ratio	Lower	Upper
240	100		
120	12.9	11.2	16.8
236	25.9	21.2	31.8



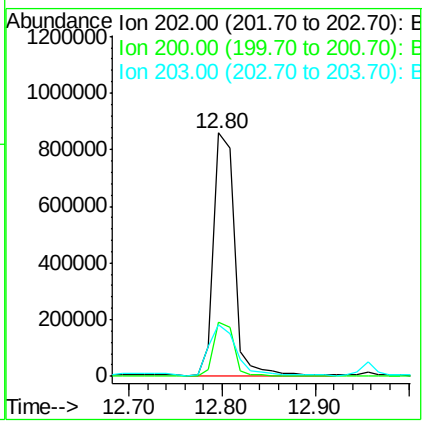


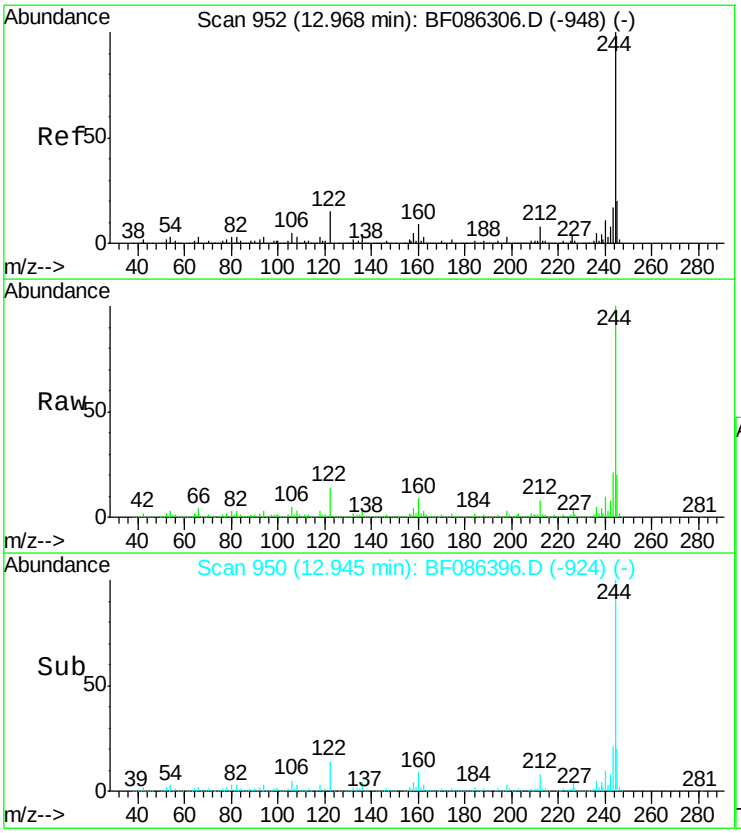
#77
Pyrene
Concen: 53.22 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF086396.D
Acq: 23 Apr 2016 17:58

Instrument :
BNA_F
ClientSampleId :
EUT01-TP-B5(0-15)-C

Tgt Ion:202 Resp: 1333920

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.7	26.5
203	21.2	14.2	21.4

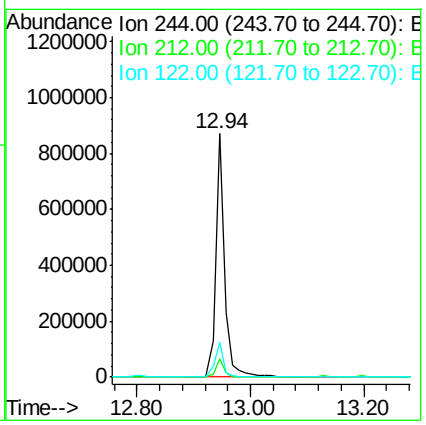


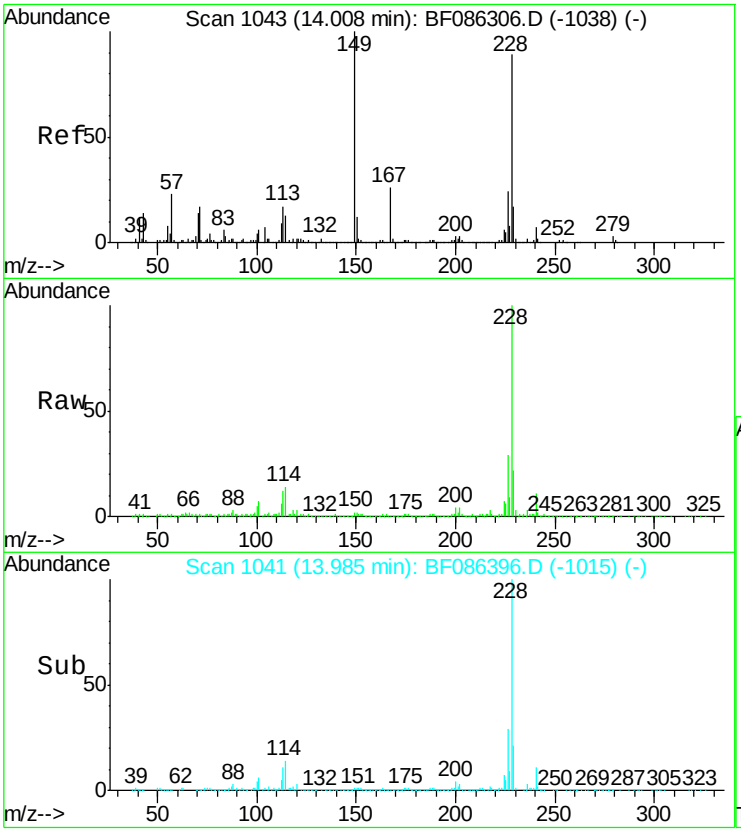


#78
Terphenyl-d14
Concen: 64.38 ng
RT: 12.94 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF086396.D
Acq: 23 Apr 2016 17:58

Tgt Ion:244 Resp: 931229

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	14.4	12.0	18.0



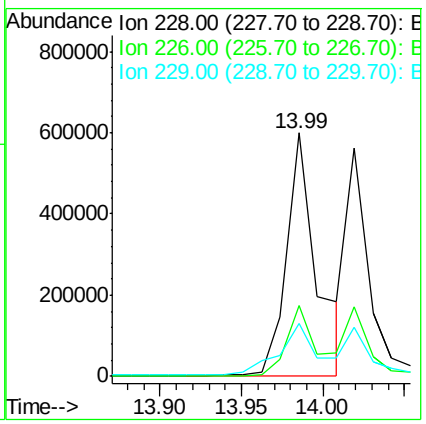


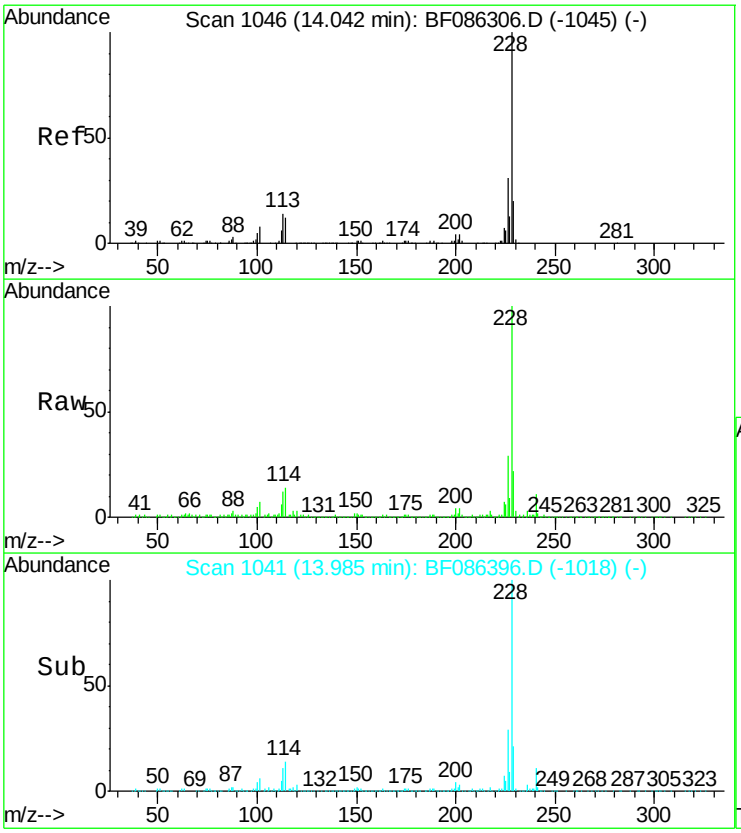
#80
Benzo(a)anthracene
Concen: 41.60 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF086396.D
Acq: 23 Apr 2016 17:58

Instrument :
BNA_F
ClientSampleId :
EUT01-TP-B5(0-15)-C

Tgt Ion:228 Resp: 776055

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.5	33.7
229	21.9	16.6	25.0

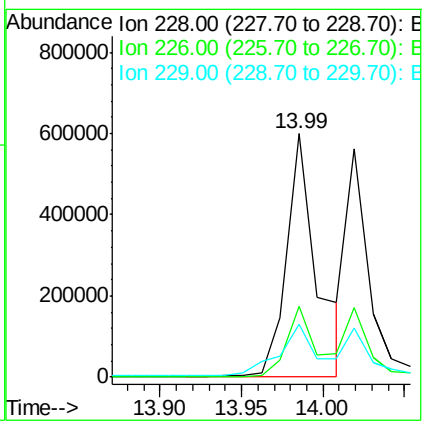


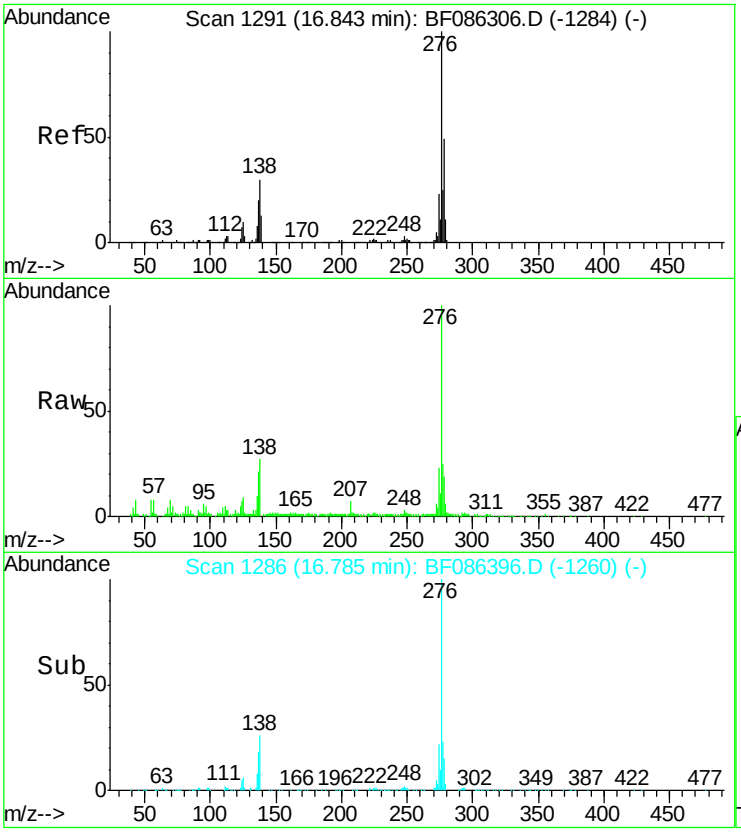


#82
Chrysene
Concen: 36.92 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF086396.D
Acq: 23 Apr 2016 17:58

Tgt Ion:228 Resp: 776055

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.4	36.6
229	21.9	15.8	23.8



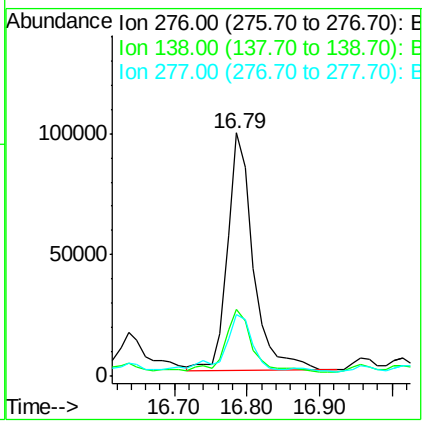


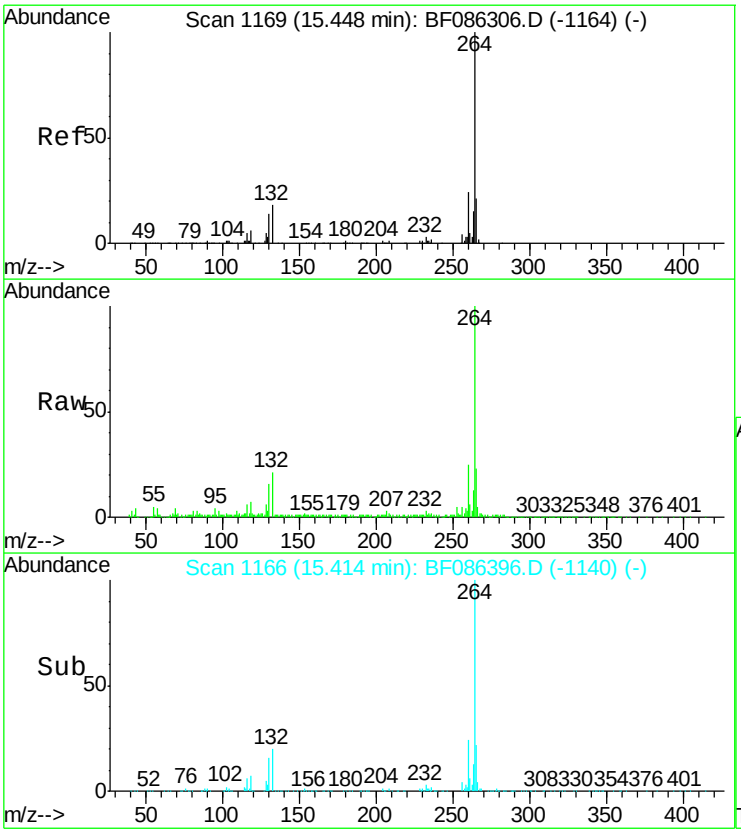
#85
Indeno(1,2,3-cd)pyrene
Concen: 12.90 ng
RT: 16.79 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BF086396.D
Acq: 23 Apr 2016 17:58

Instrument :
BNA_F
ClientSampleId :
EUT01-TP-B5(0-15)-C

Tgt Ion:276 Resp: 241022

Ion	Ratio	Lower	Upper
276	100		
138	28.3	25.6	38.4
277	25.9	20.5	30.7

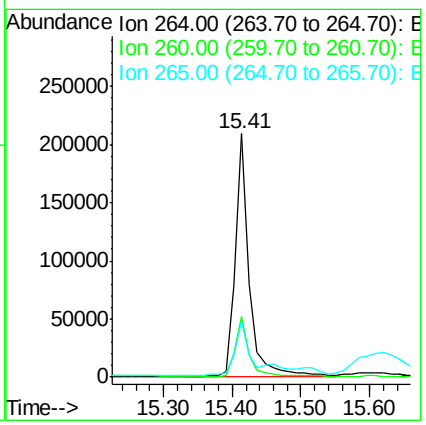


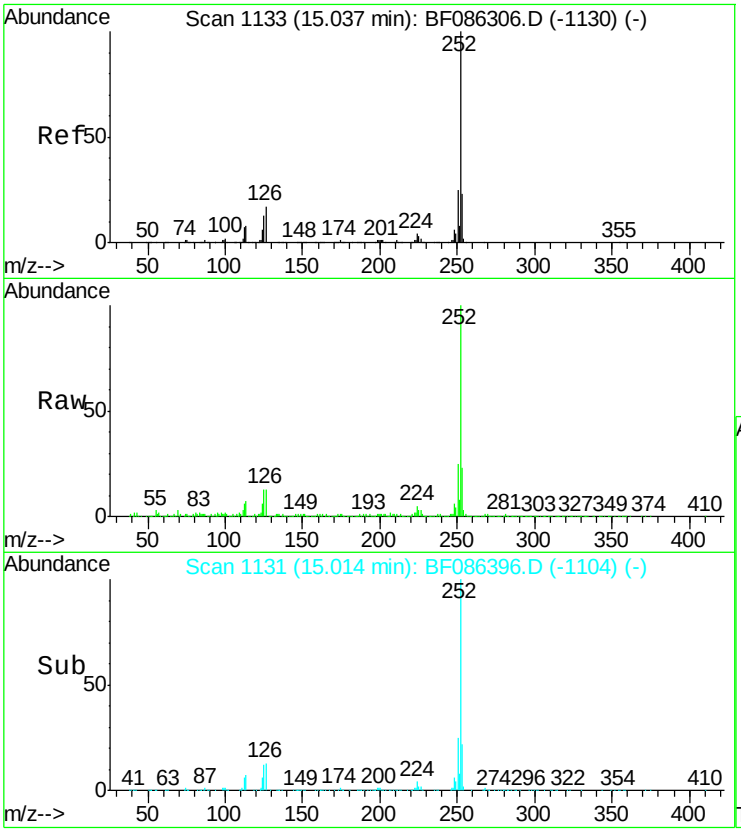


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF086396.D
Acq: 23 Apr 2016 17:58

Tgt Ion:264 Resp: 298072

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.5	17.3	25.9



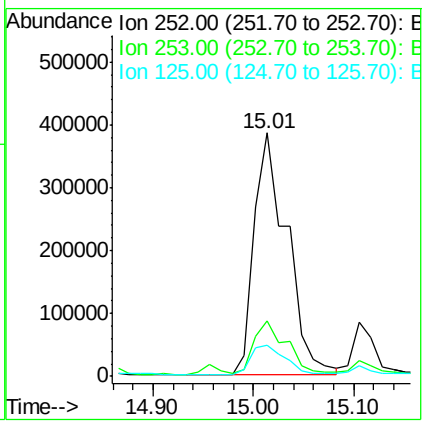


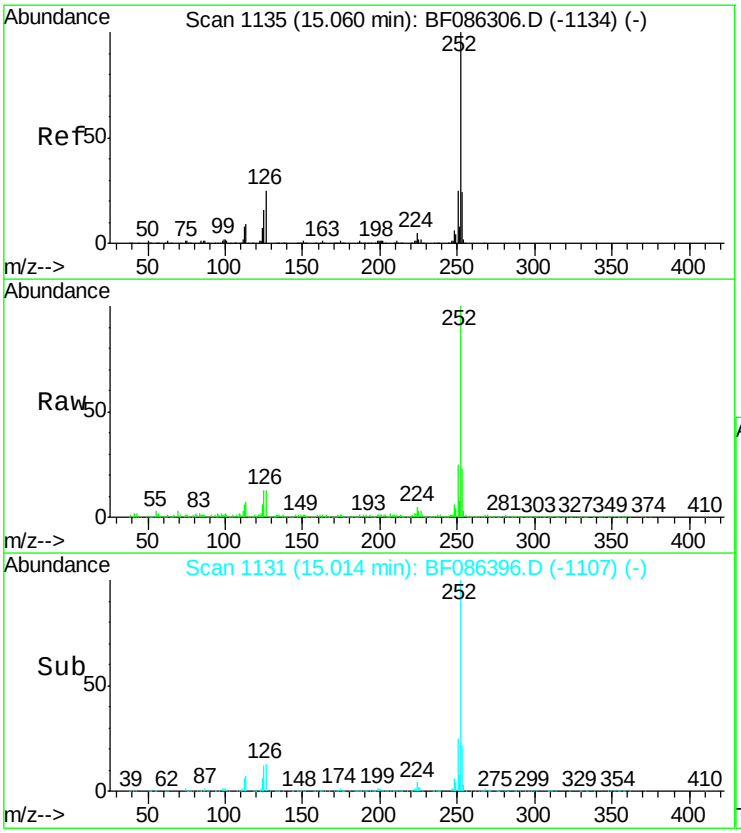
#87
Benzo(b)fluoranthene
Concen: 53.46 ng
RT: 15.01 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BF086396.D
Acq: 23 Apr 2016 17:58

Instrument :
BNA_F
ClientSampleId :
EUT01-TP-B5(0-15)-C

Tgt Ion:252 Resp: 874658

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	13.0	11.4	17.0

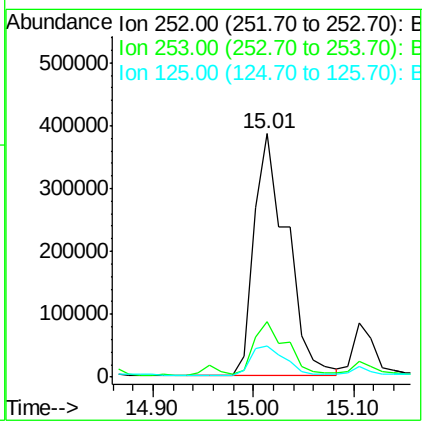


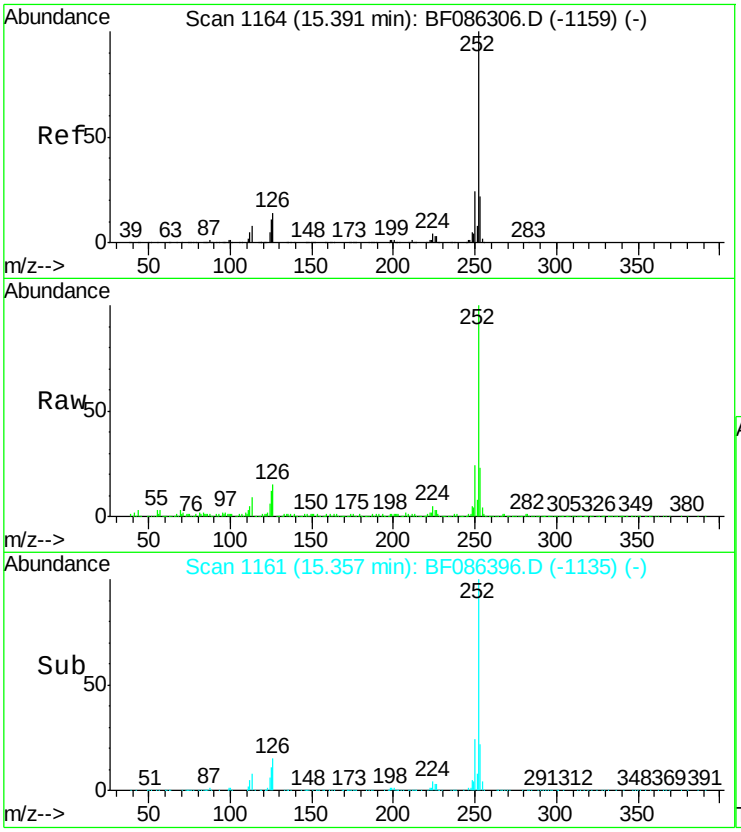


#88
Benzo(k)fluoranthene
Concen: 54.47 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF086396.D
Acq: 23 Apr 2016 17:58

Tgt Ion:252 Resp: 874658

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	13.0	9.1	13.7



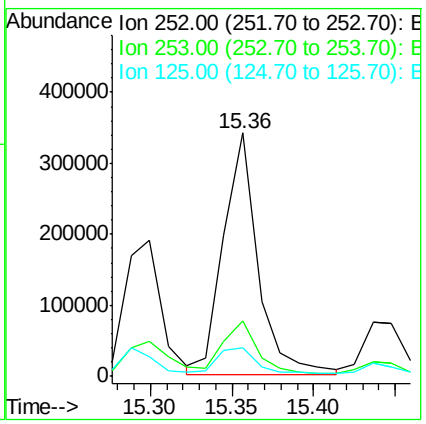


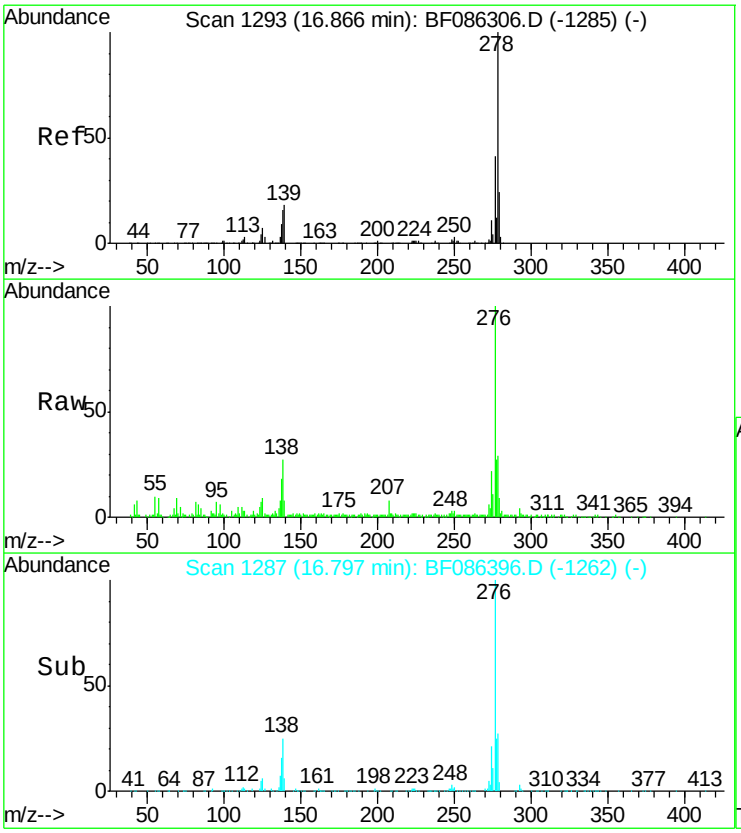
#89
Benzo(a)pyrene
Concen: 30.75 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF086396.D
Acq: 23 Apr 2016 17:58

Instrument :
BNA_F
ClientSampleId :
EUT01-TP-B5(0-15)-C

Tgt Ion:252 Resp: 496302

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	11.7	9.0	13.6

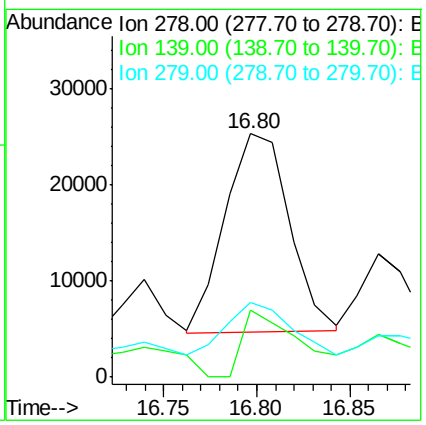


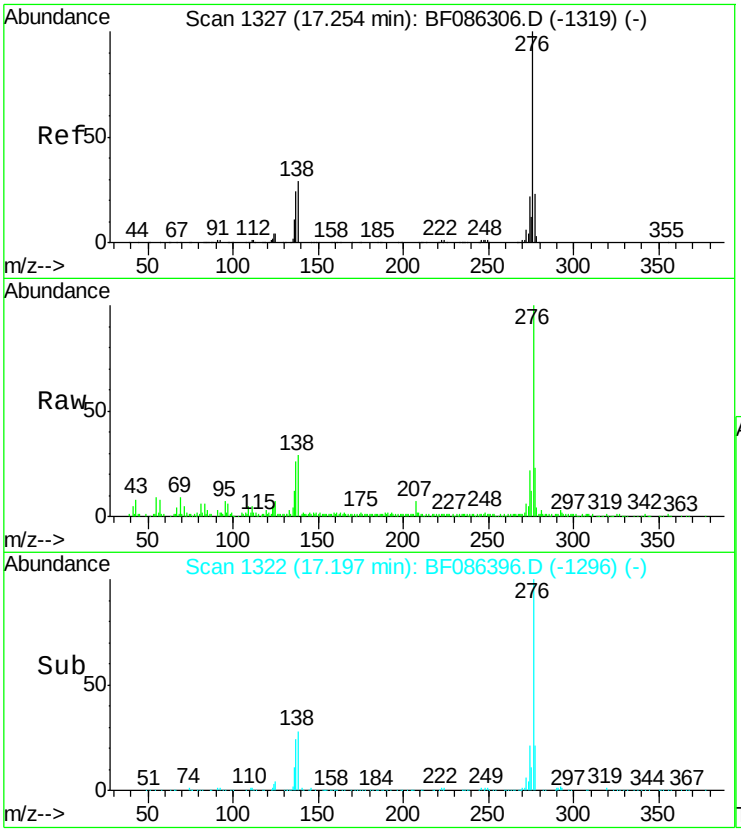


#90
Dibenzo(a,h)anthracene
Concen: 3.74 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF086396.D
Acq: 23 Apr 2016 17:58

Tgt Ion:278 Resp: 49812

Ion	Ratio	Lower	Upper
278	100		
139	27.4	16.6	24.8#
279	30.6	19.6	29.4#





#91
Benzo(g,h,i)perylene
Concen: 16.39 ng
RT: 17.20 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF086396.D
Acq: 23 Apr 2016 17:58

Instrument :
BNA_F
ClientSampleId :
EUT01-TP-B5(0-15)-C

Tgt Ion:276 Resp: 225233

Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.6	29.4
138	29.2	23.6	35.4