Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
Data File : BF096623.D
Acq On : 11 Jul 2017 1:29
Operator : SJ/JU
Sample : I4108-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 11 05:24:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	121465	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	467771	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	171493	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	247722	20.00	ng		-0.01
75) Chrysene-d12	13.84	240	205685	20.00	ng		0.00
86) Perylene-d12	15.23	264	213926	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	696285	84.61	ng		-0.01
7) Phenol-d6	6.33	99	869207	85.91	ng		-0.02
23) Nitrobenzene-d5	7.25	82	503126	64.63	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	119356	89.10	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	780298	77.80	ng		-0.02
78) Terphenyl-d14	12.78	244	498250	51.76	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.25	70	67274	11.16	ng	#	85
25) Isophorone	7.25	82	499497	33.09	ng	#	67
31) Naphthalene	7.99	128	306800	13.89	ng		99
32) Benzoic acid	7.69	122	12372	2.00	ng		95
33) 4-Chloroaniline	7.99	127	40174	4.38	ng	#	32
37) 2-Methylnaphthalene	8.68	142	93525	6.65	ng		96
48) Acenaphthylene	9.57	152	63175	3.64	ng		98
49) Dimethylphthalate	9.44	163	165901	12.96	ng		98
51) Acenaphthene	9.75	154	242545	22.68	ng		98
54) Dibenzofuran	9.92	168	196820	13.94	ng		98
55) 4-Nitrophenol	9.92	139	72479	24.77	ng	#	28
57) Fluorene	10.26	166	248962	24.96	ng		99
66) 4-Bromophenyl-phenylether	10.50	248	7846	3.25	ng	#	1
70) Phenanthrene	11.23	178	1591731	118.86	ng		100
71) Anthracene	11.27	178	503802	36.92	ng		98
72) Carbazole	11.42	167	307500	22.41	ng		99
74) Fluoranthene	12.42	202	1933495	147.27	ng		99
77) Pyrene	12.65	202	1684908	102.06	ng		99
80) Benzo(a)anthracene	13.83	228	1034912	86.89	ng		99
82) Chrysene	13.87	228	925248	74.18	ng		97
85) Indeno(1,2,3-cd)pyrene	16.59	276	425683	43.24	ng		98
87) Benzo(b)fluoranthene	14.85	252	1553108	115.86	ng	#	96
88) Benzo(k)fluoranthene	14.85	252	1553108	129.53	ng		99
89) Benzo(a)pyrene	15.19	252	797543	66.64	ng	#	95
90) Dibenzo(a,h)anthracene	16.59	278	119188	12.66	ng	#	92
91) Benzo(g,h,i)perylene	16.99	276	363107	37.22	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
Data File : BF096623.D
Acq On : 11 Jul 2017 1:29
Operator : SJ/JU
Sample : I4108-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 11 05:24:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
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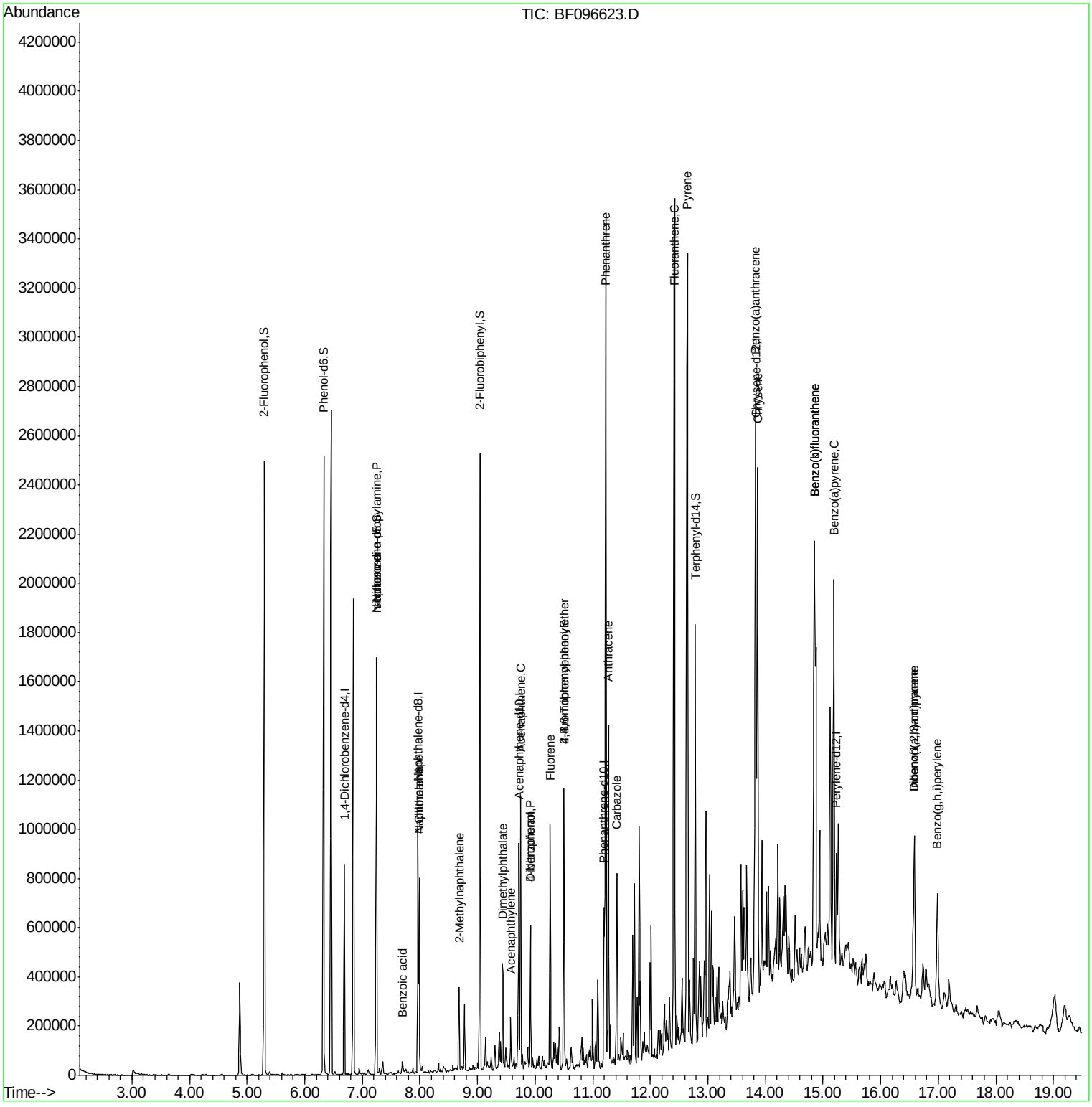
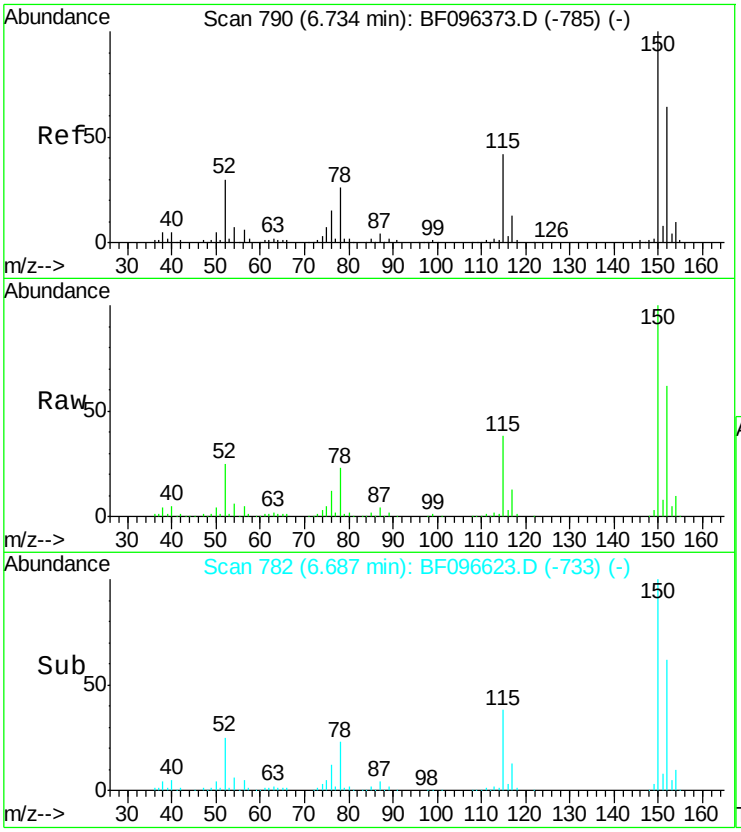


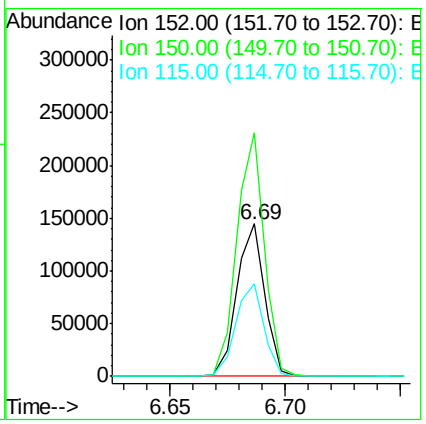


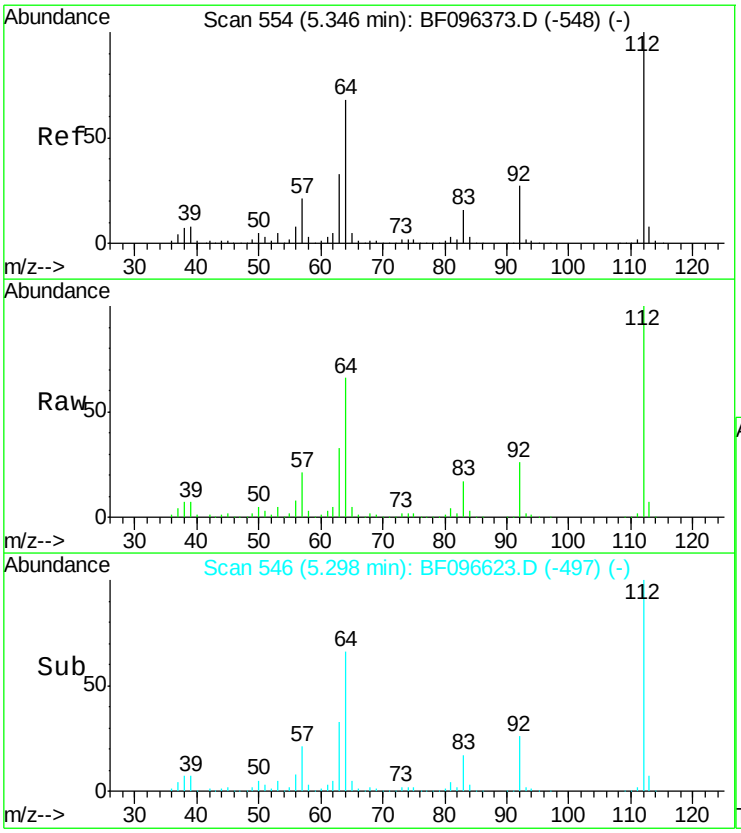
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 121465

Ion	Ratio	Lower	Upper
152	100		
150	160.0	126.2	189.2
115	61.2	52.2	78.2

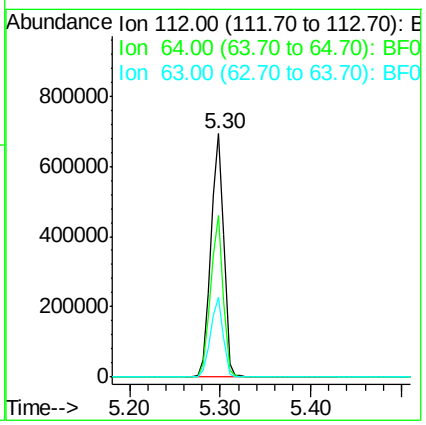


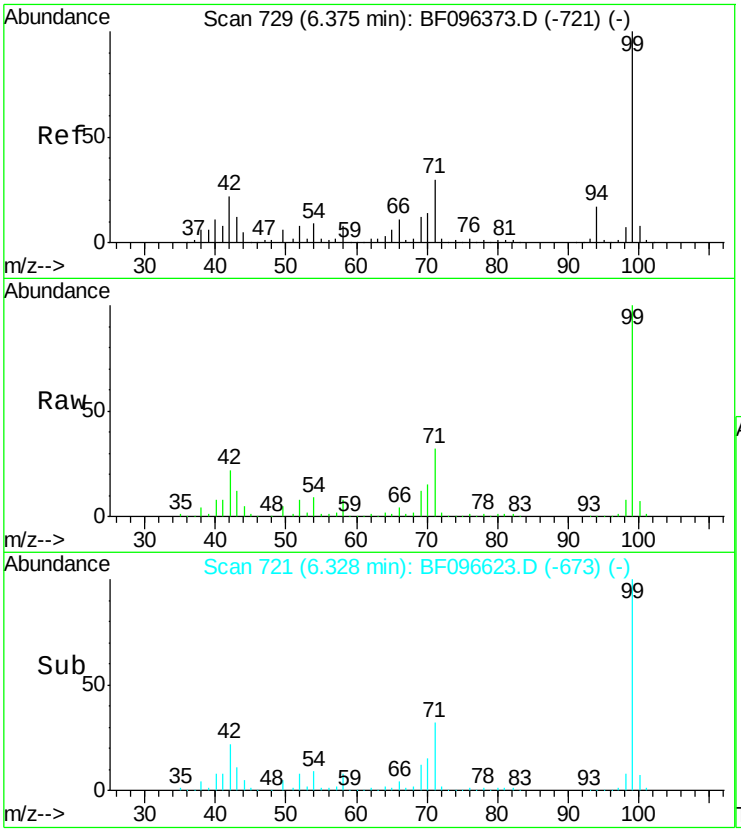


#5
2-Fluorophenol
Concen: 84.61 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Tgt Ion:112 Resp: 696285

Ion	Ratio	Lower	Upper
112	100		
64	66.2	46.0	69.0
63	33.0	23.4	35.0



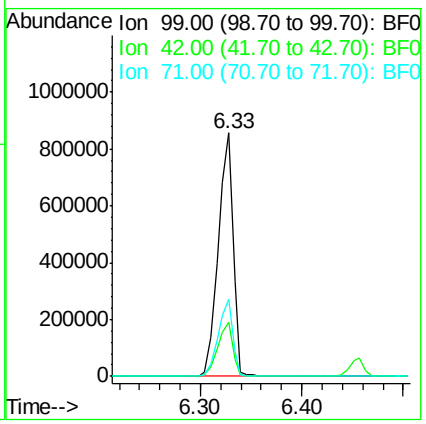


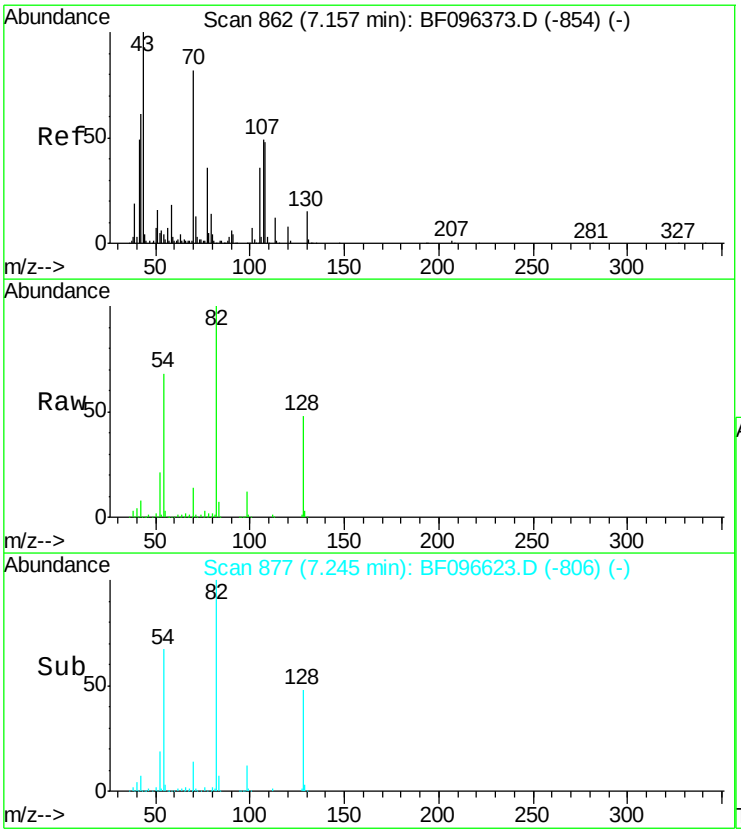
#7
Phenol-d6
Concen: 85.91 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 869207

Ion	Ratio	Lower	Upper
99	100		
42	22.2	13.5	20.3#
71	31.7	24.5	36.7

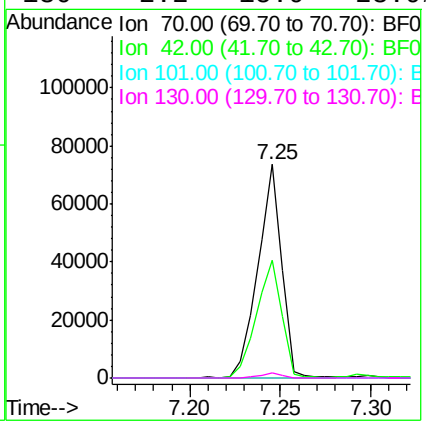


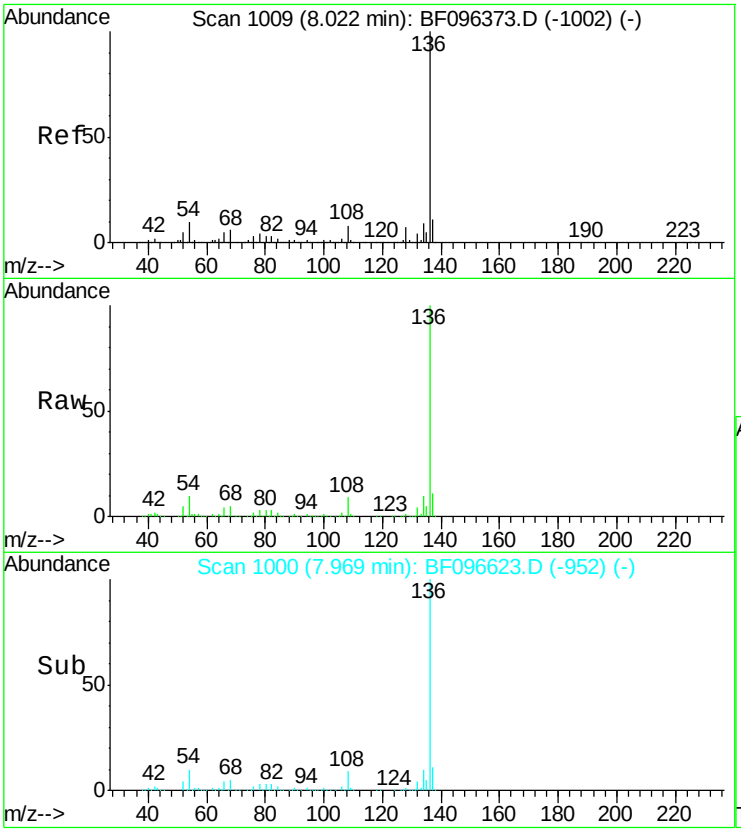


#19
n-Nitroso-di-n-propylamine
Concen: 11.16 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.12 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Tgt Ion: 70 Resp: 67274

Ion	Ratio	Lower	Upper
70	100		
42	55.1	47.2	70.8
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#



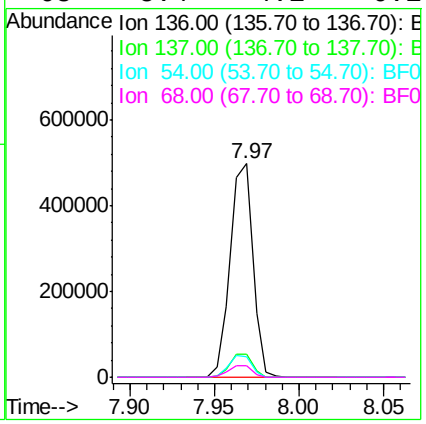


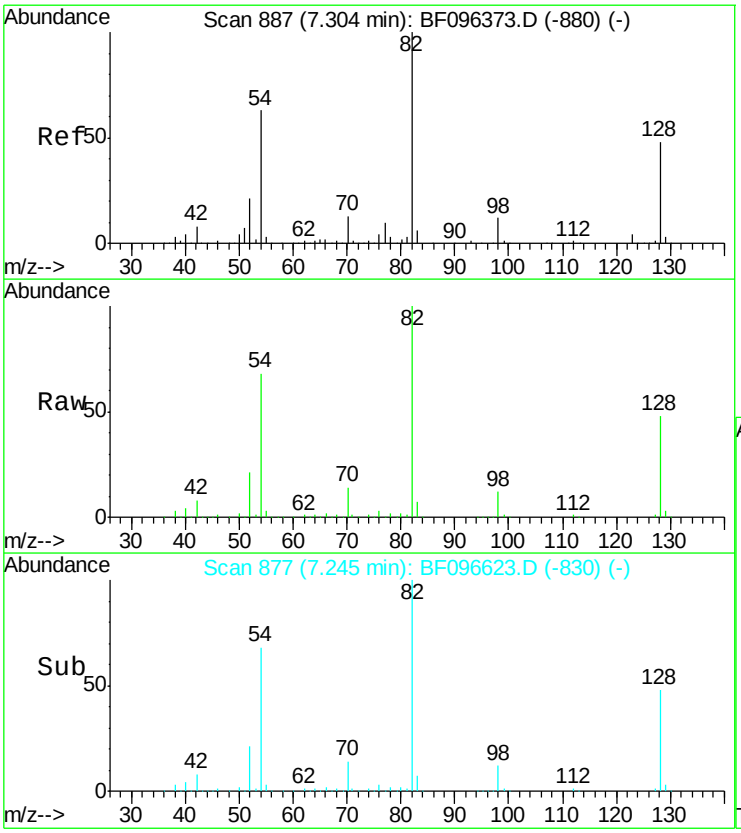
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 467771

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	9.9	4.9	7.3#
68	5.4	4.1	6.1

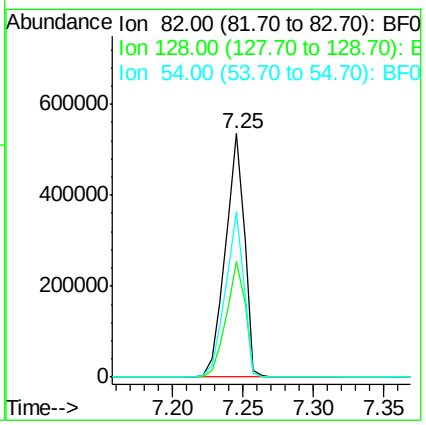


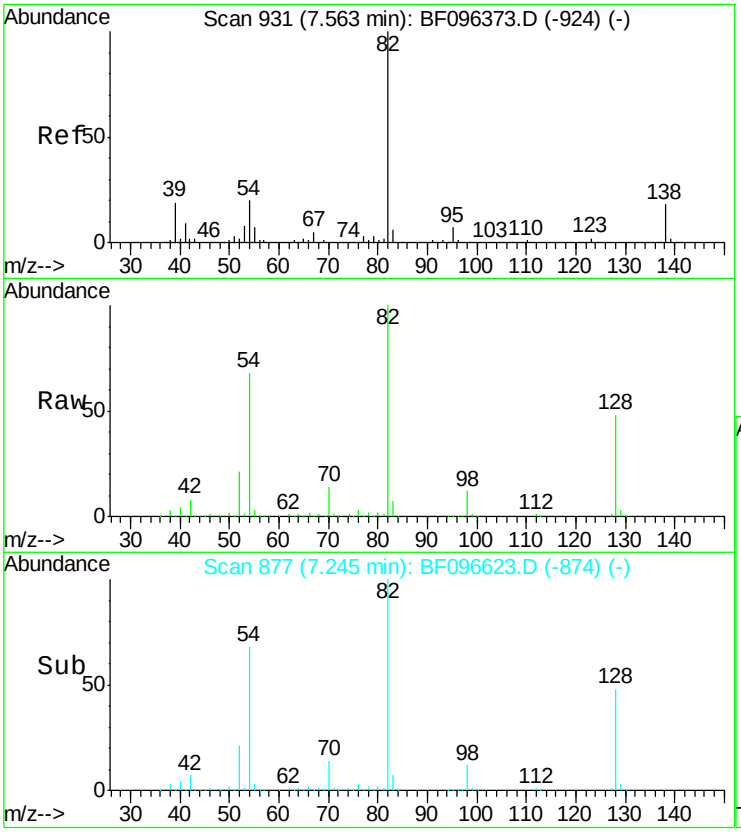


#23
Nitrobenzene-d5
Concen: 64.63 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Tgt Ion: 82 Resp: 503126

Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.0	51.0
54	68.1	42.2	63.2#



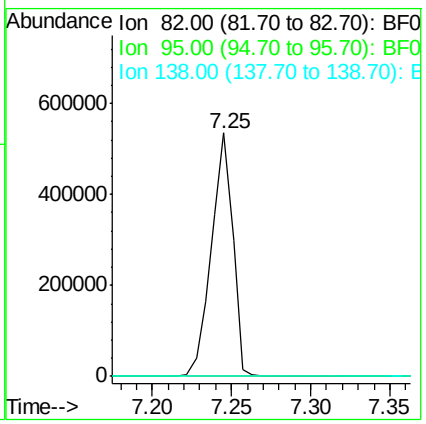


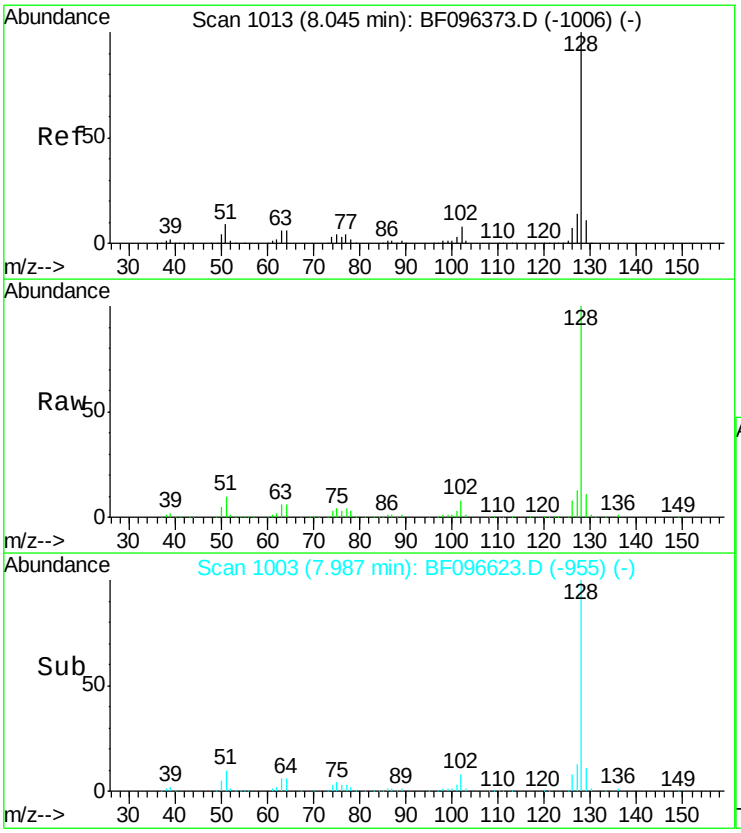
#25
Isophorone
Concen: 33.09 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.28 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 499497

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.3	7.9#
138	0.0	13.1	19.7#

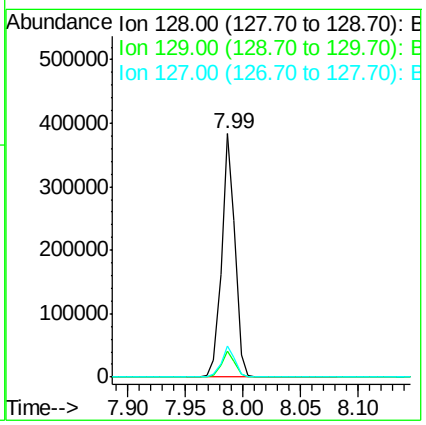


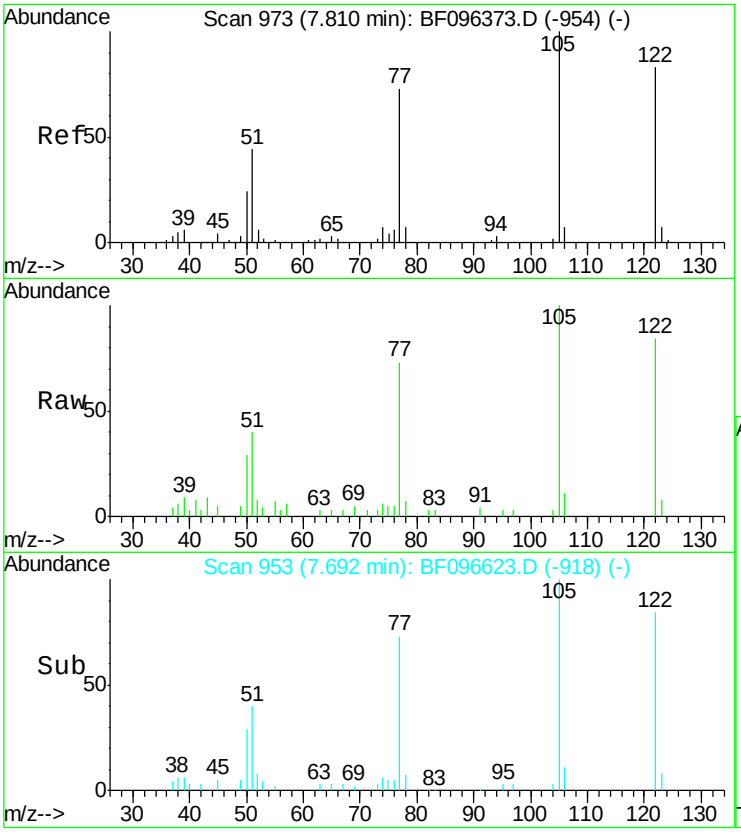


#31
Naphthalene
Concen: 13.89 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Tgt Ion:128 Resp: 306800

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.0	10.8	16.2



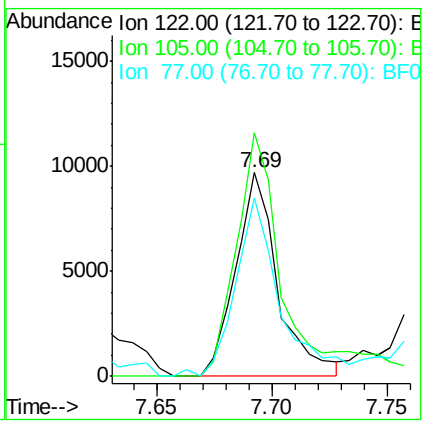


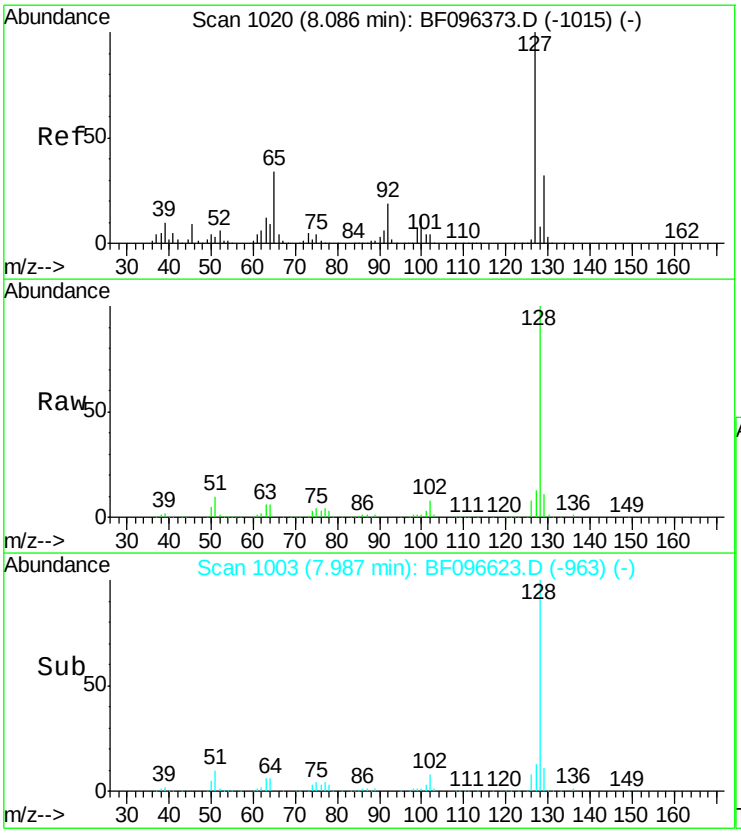
#32
Benzoic acid
Concen: 2.00 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.09 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 12372

Ion	Ratio	Lower	Upper
122	100		
105	119.6	103.3	143.3
77	87.5	73.7	113.7

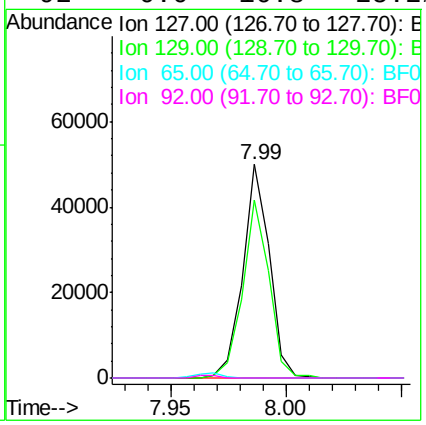


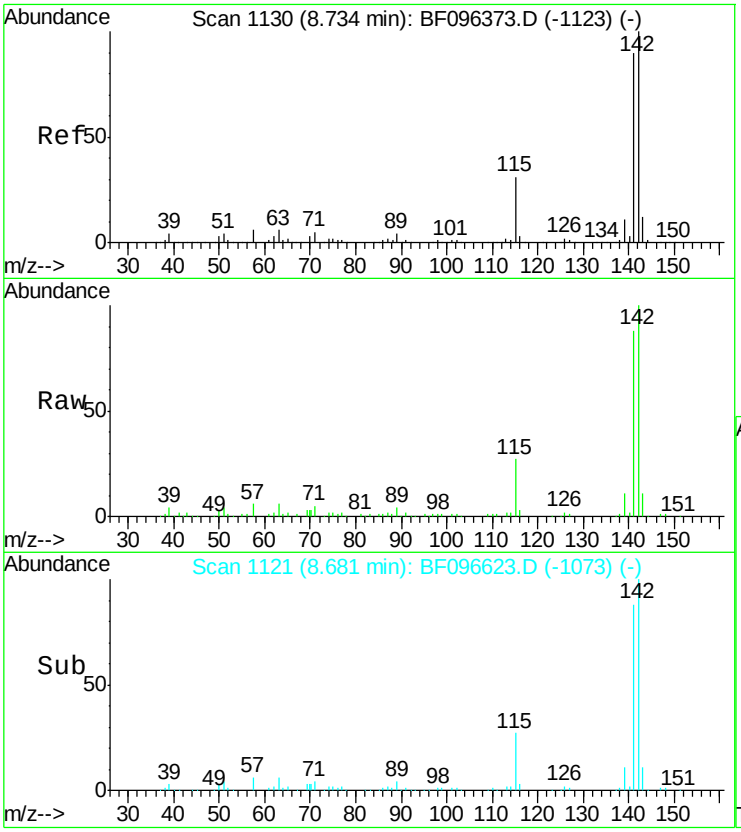


#33
4-Chloroaniline
Concen: 4.38 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.06 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Tgt Ion:127 Resp: 40174

Ion	Ratio	Lower	Upper
127	100		
129	83.4	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

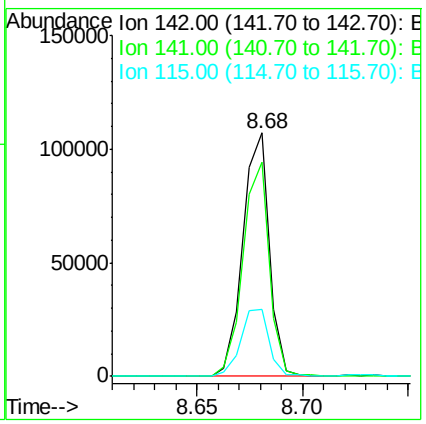




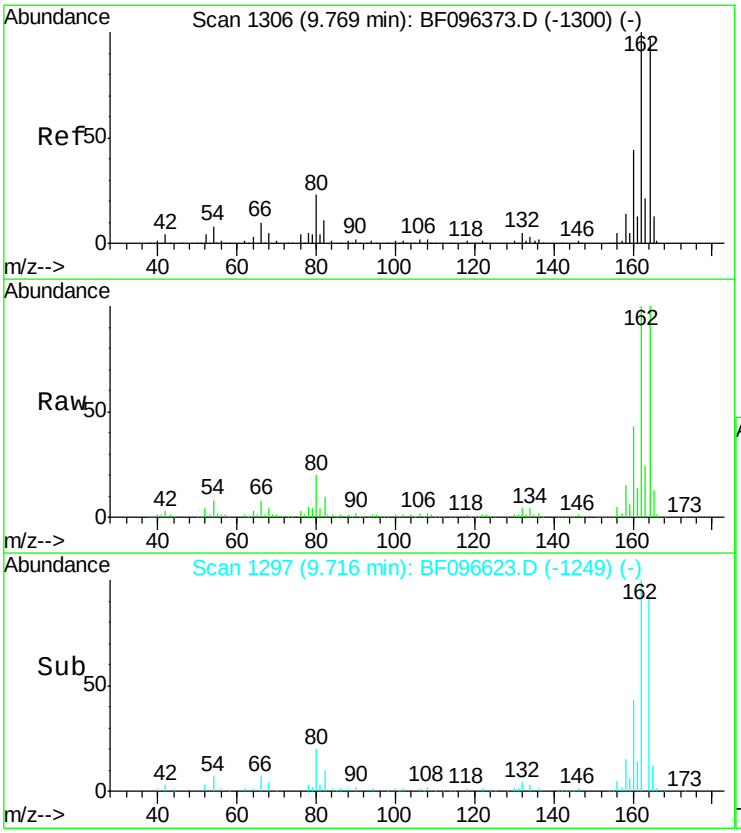
#37
2-Methylnaphthalene
Concen: 6.65 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Tgt Ion:142 Resp: 93525

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.3	106.9
115	27.4	27.1	40.7



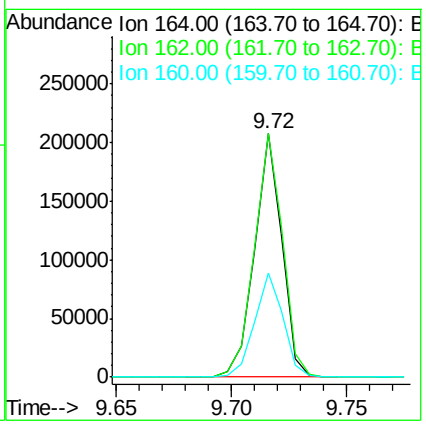
Instrument :
BNA_F
ClientSampleId :

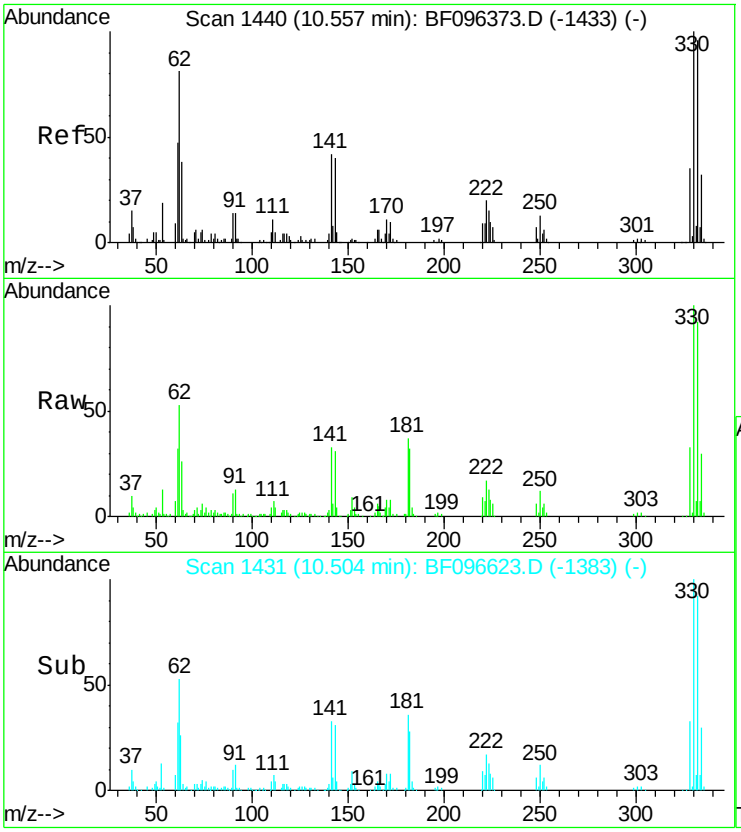


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Tgt Ion:164 Resp: 171493

Ion	Ratio	Lower	Upper
164	100		
162	99.9	82.6	123.8
160	42.7	36.2	54.2



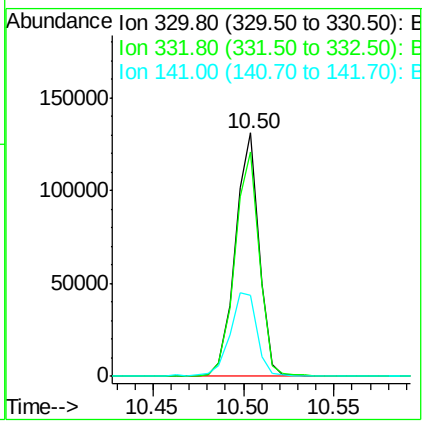


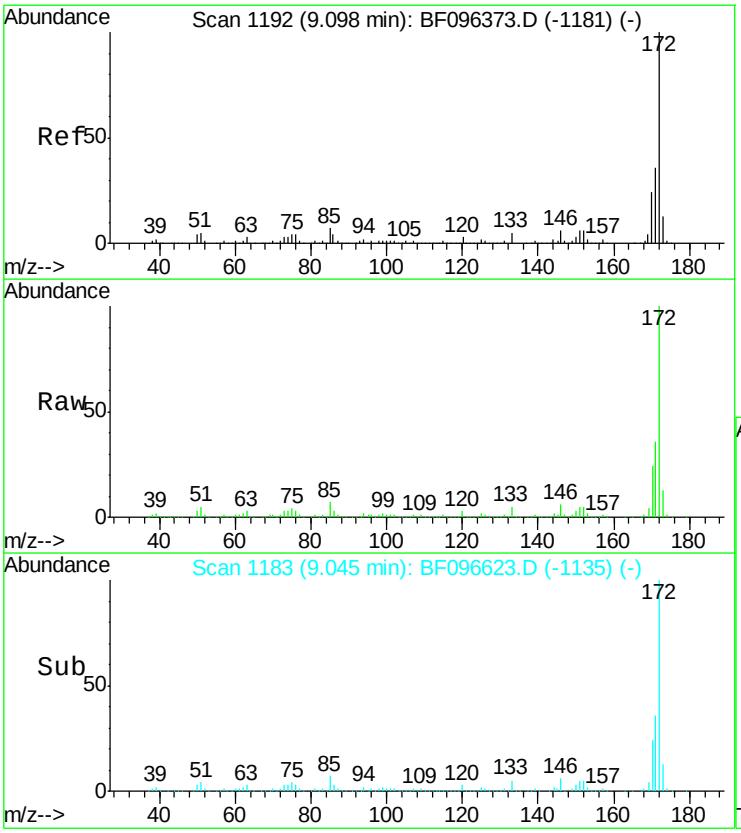
#41
2,4,6-Tribromophenol
Concen: 89.10 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 119356

Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	115.0
141	40.1	31.4	47.2

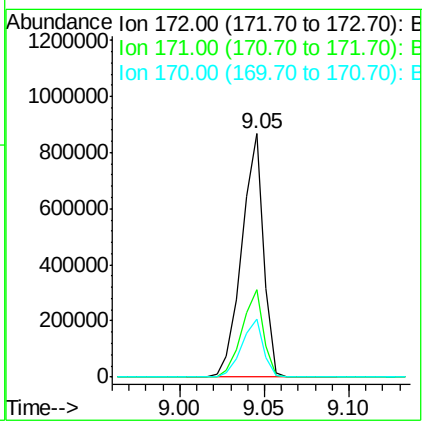


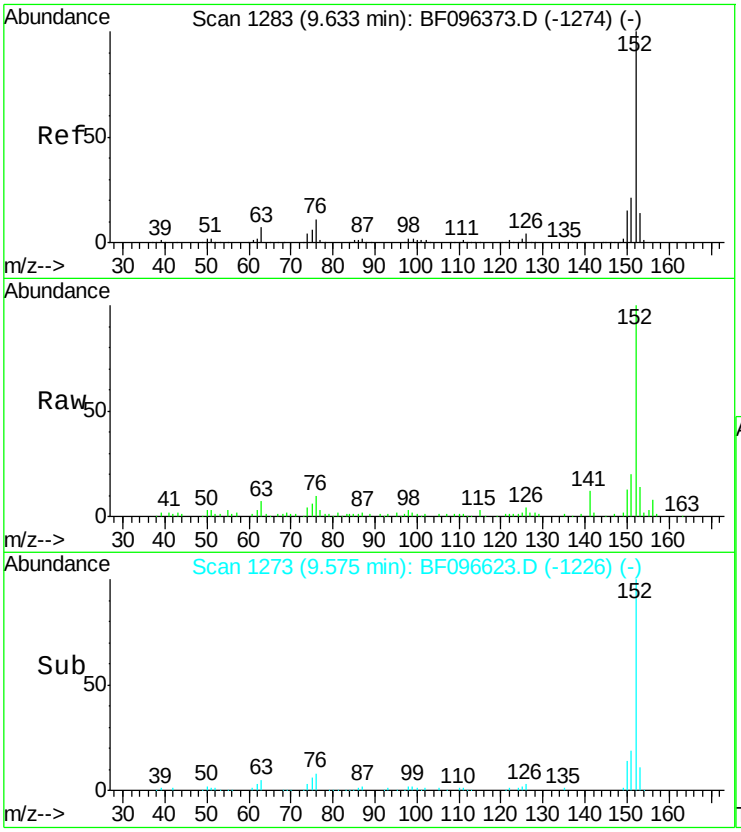


#44
2-Fluorobiphenyl
Concen: 77.80 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Tgt Ion:172 Resp: 780298

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.8	19.8	29.8



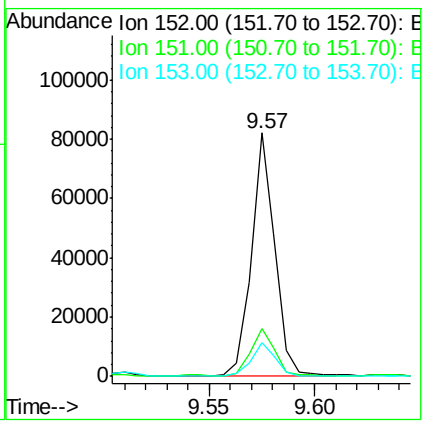


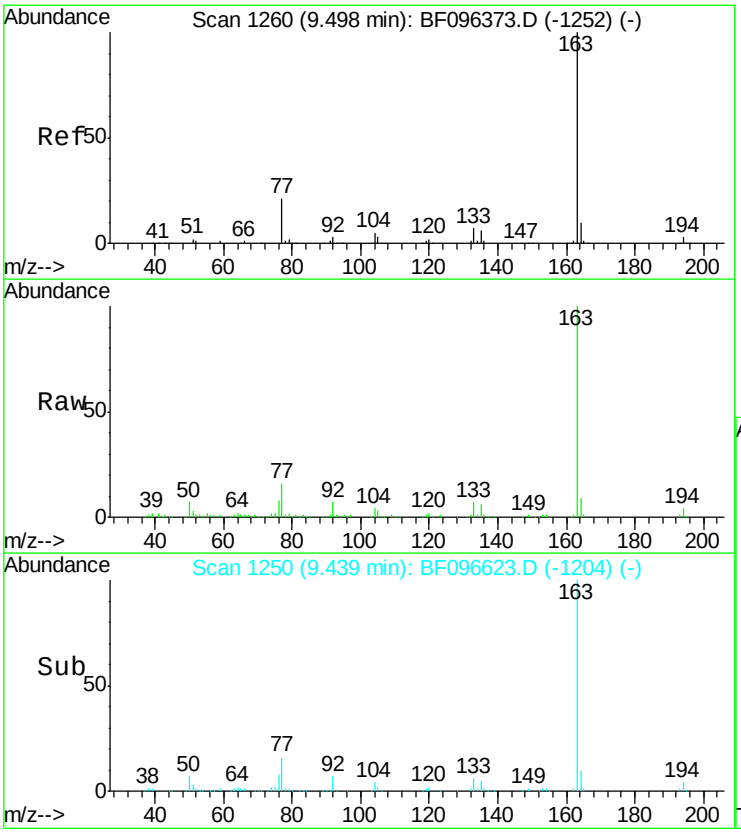
#48
Acenaphthylene
Concen: 3.64 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 63175

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.8	25.2
153	14.0	10.8	16.2

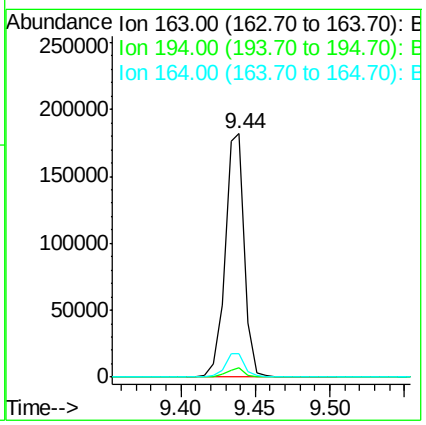


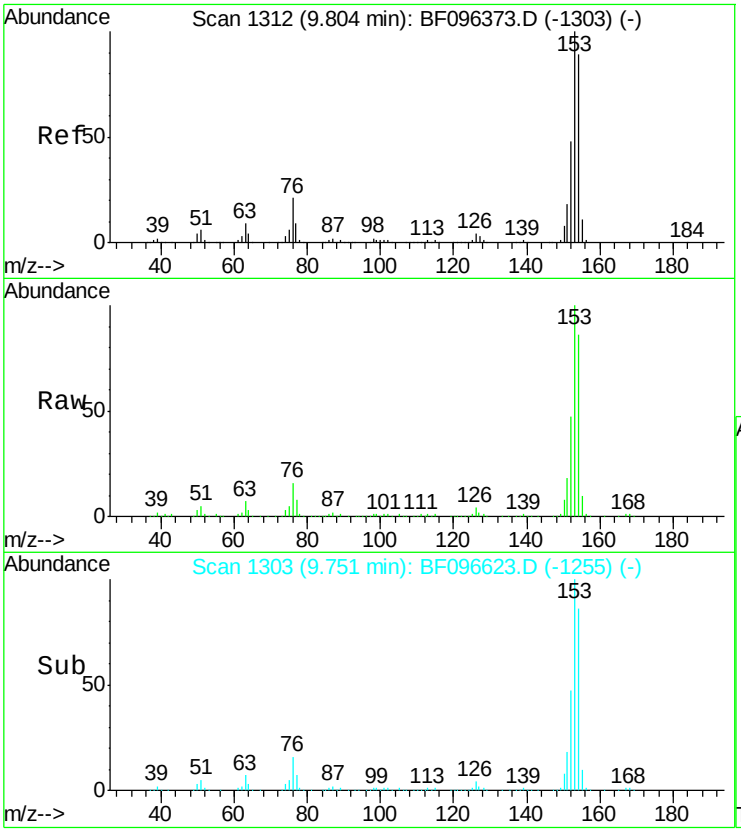


#49
Dimethylphthalate
Concen: 12.96 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.03 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Tgt Ion:163 Resp: 165901

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.5	8.4	12.6



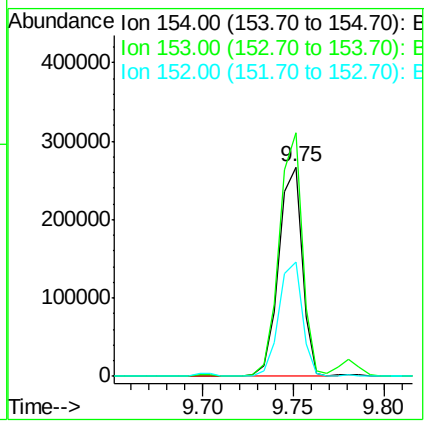


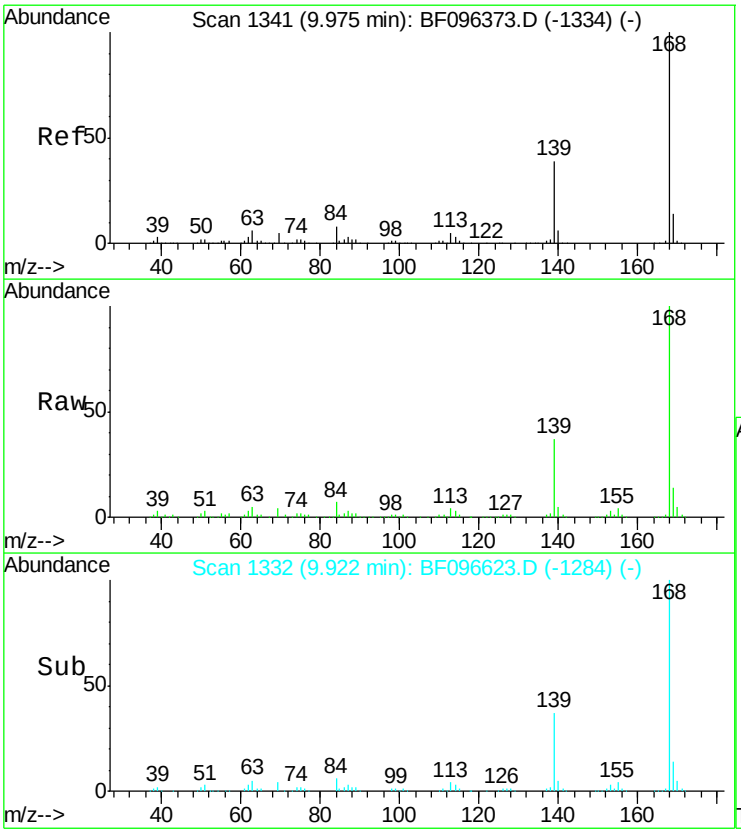
#51
Acenaphthene
Concen: 22.68 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 242545

Ion	Ratio	Lower	Upper
154	100		
153	116.1	90.5	135.7
152	54.8	43.6	65.4

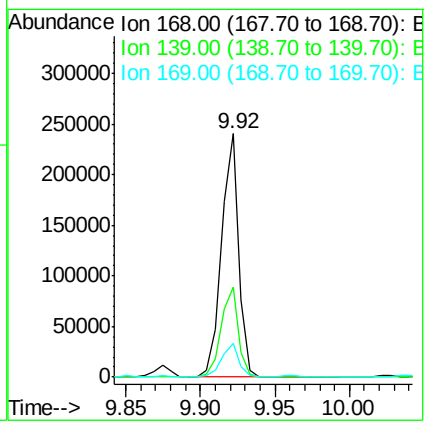


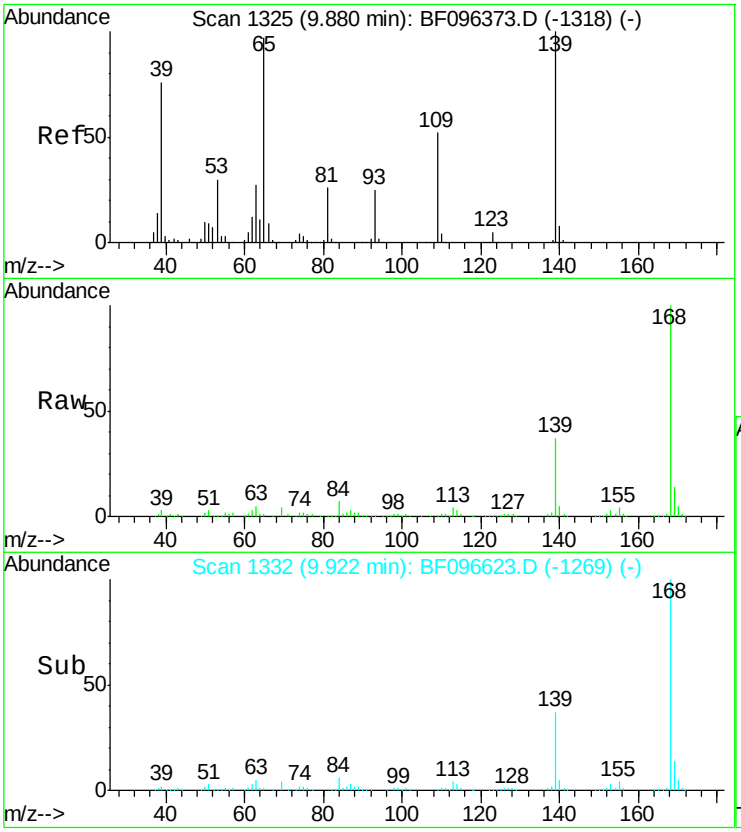


#54
Dibenzofuran
Concen: 13.94 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Tgt Ion:168 Resp: 196820

Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.6	45.8
169	13.9	10.8	16.2



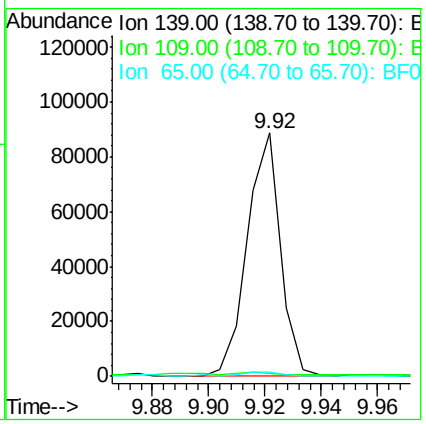


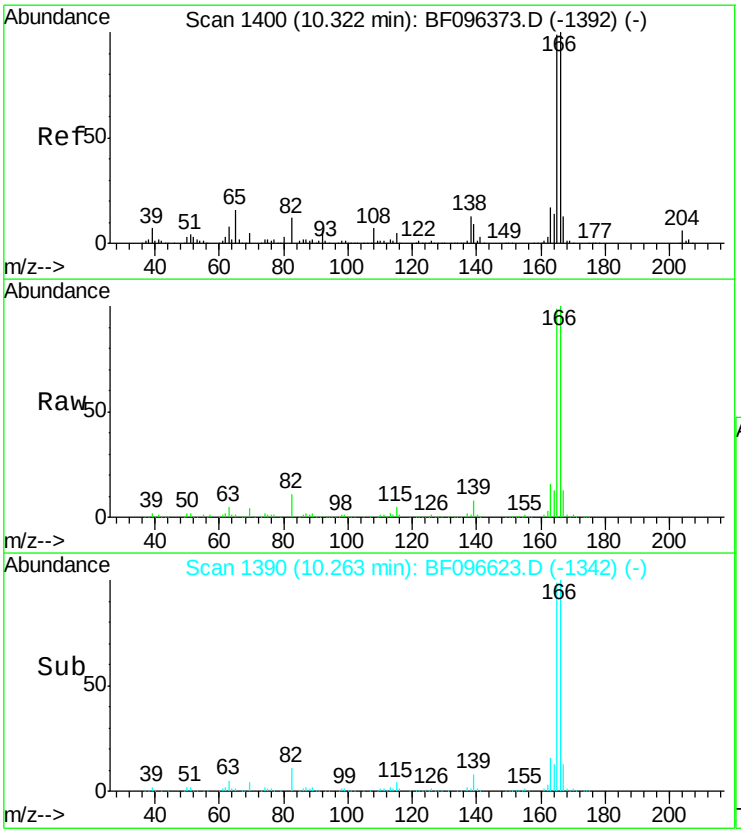
#55
4-Nitrophenol
Concen: 24.77 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.07 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 72479

Ion	Ratio	Lower	Upper
139	100		
109	1.3	34.1	74.1#
65	1.9	31.4	71.4#

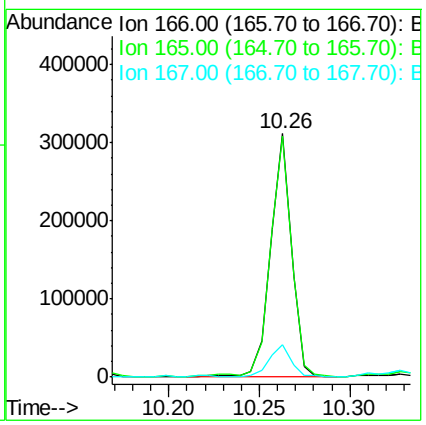


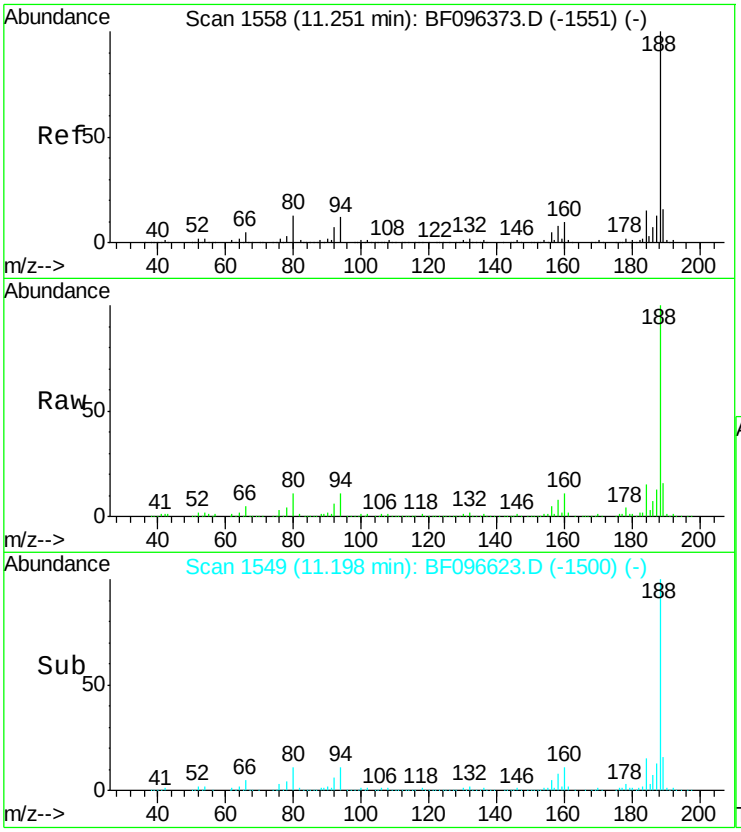


#57
Fluorene
Concen: 24.96 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Tgt Ion:166 Resp: 248962

Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.8	118.2
167	13.5	10.6	16.0



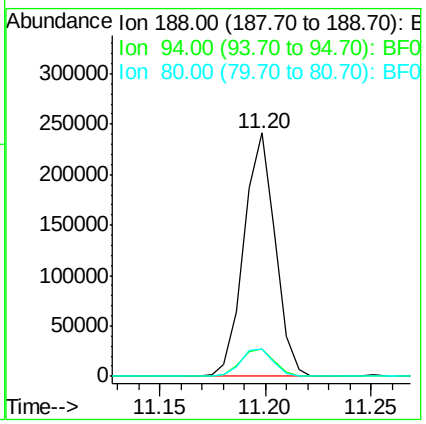


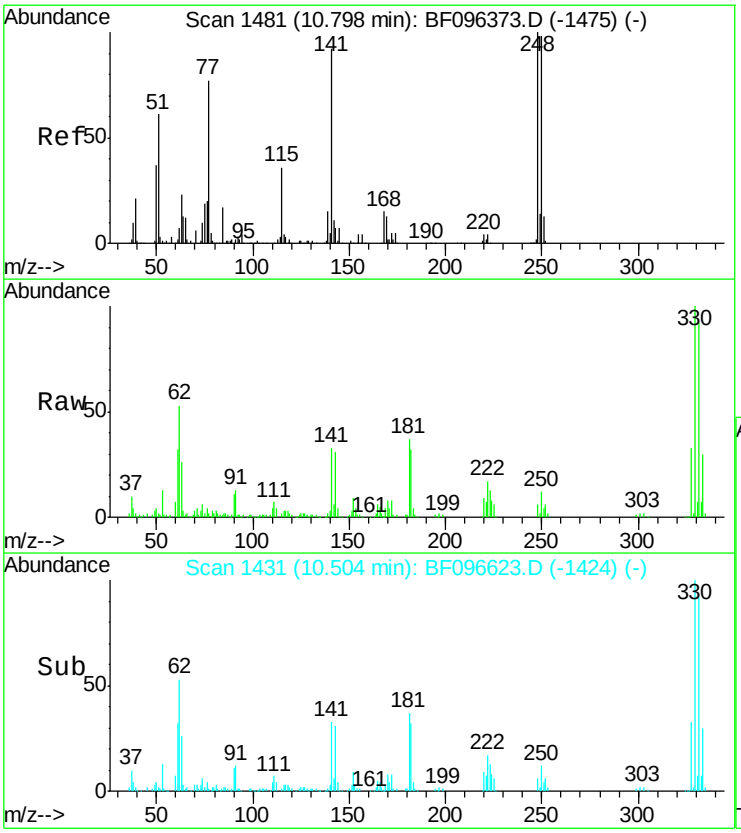
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 247722

Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.4	14.2
80	11.1	10.2	15.2

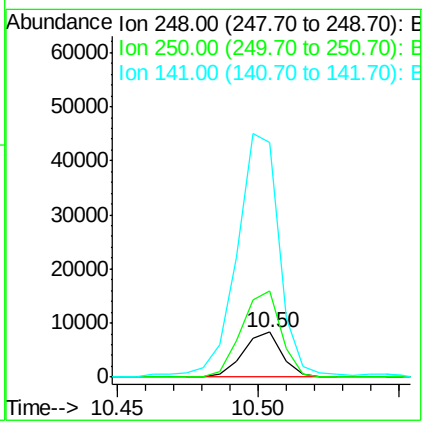


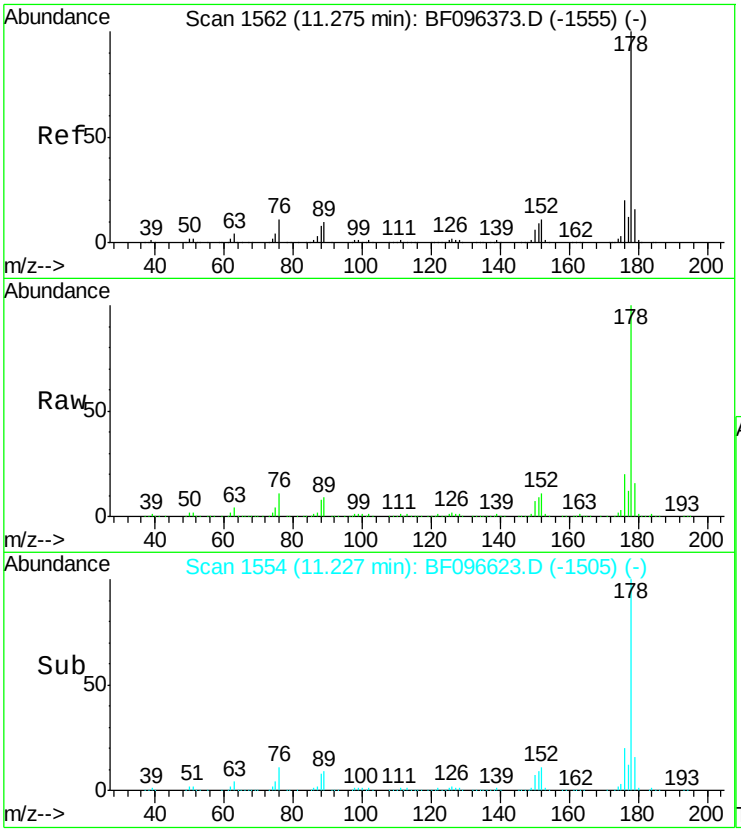


#66
4-Bromophenyl-phenylether
Concen: 3.25 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.26 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Tgt Ion:248 Resp: 7846

Ion	Ratio	Lower	Upper
248	100		
250	191.8	76.8	115.2#
141	519.7	68.6	103.0#



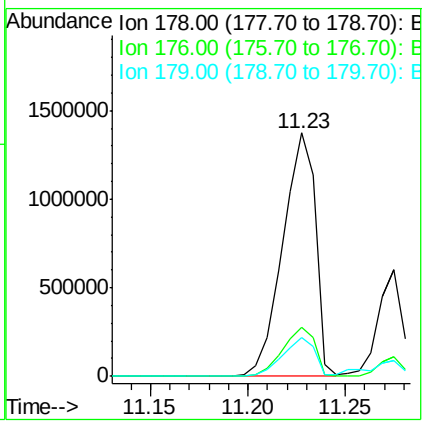


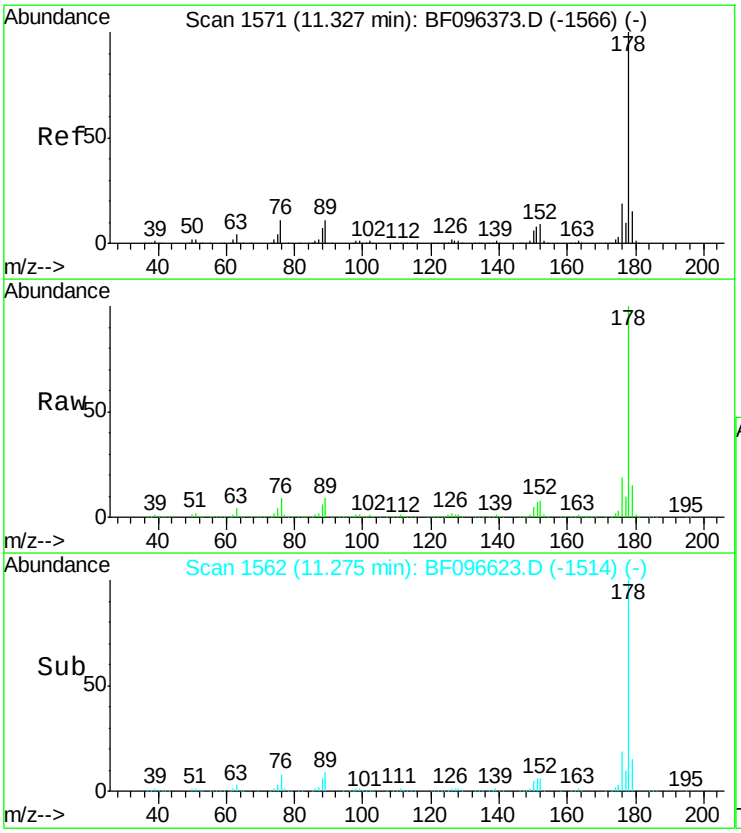
#70
Phenanthrene
Concen: 118.86 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1591731

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	16.1	12.6	19.0

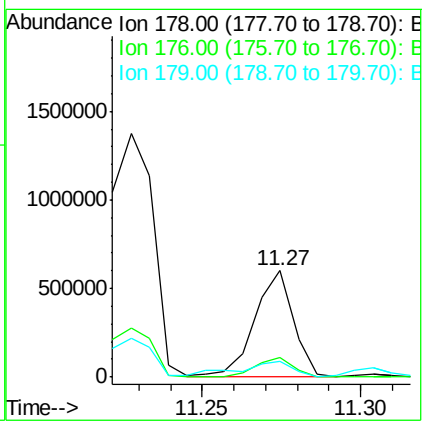


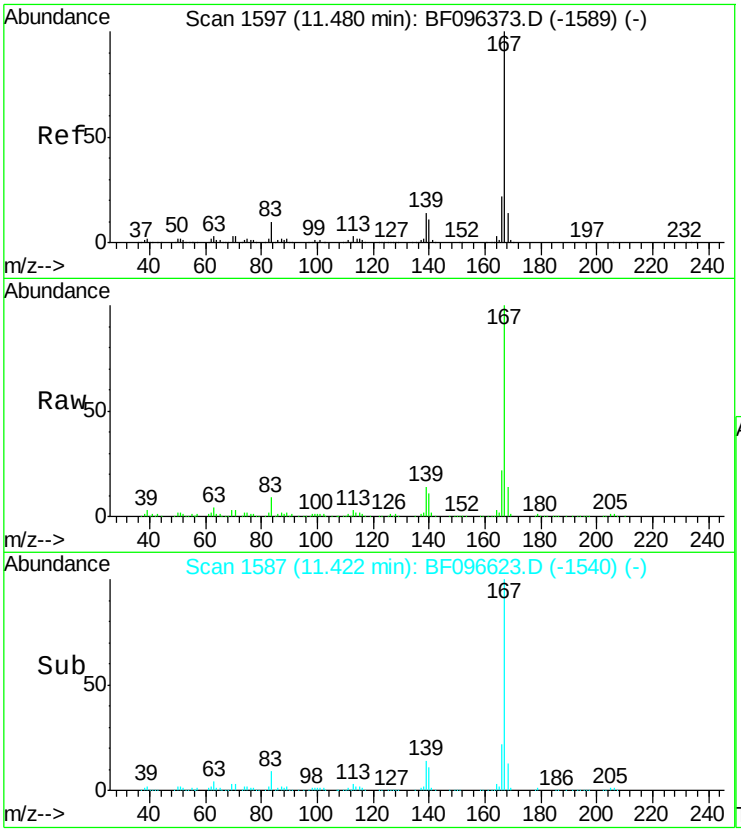


#71
Anthracene
Concen: 36.92 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Tgt Ion:178 Resp: 503802

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.2	12.7	19.1



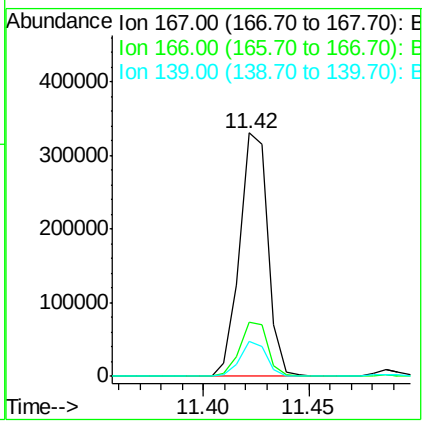


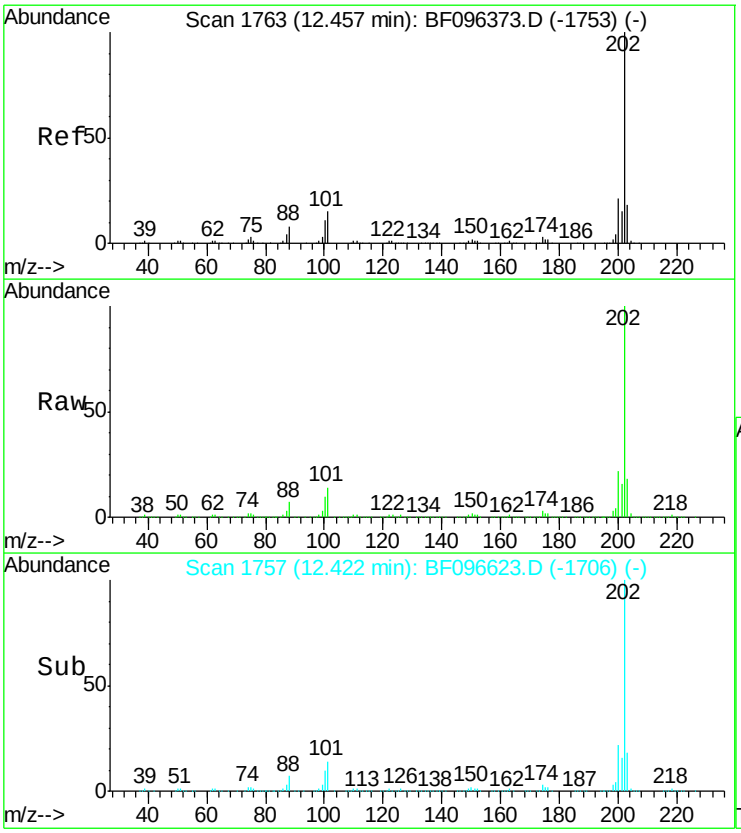
#72
Carbazole
Concen: 22.41 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.02 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 307500

Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	14.2	11.7	17.5

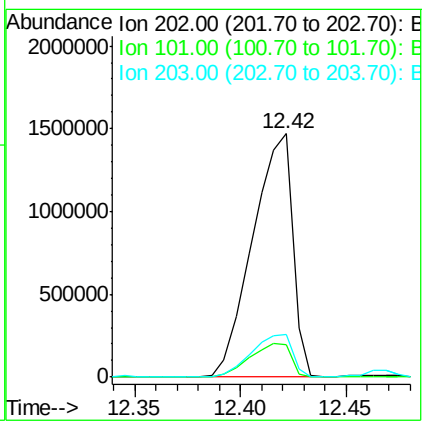


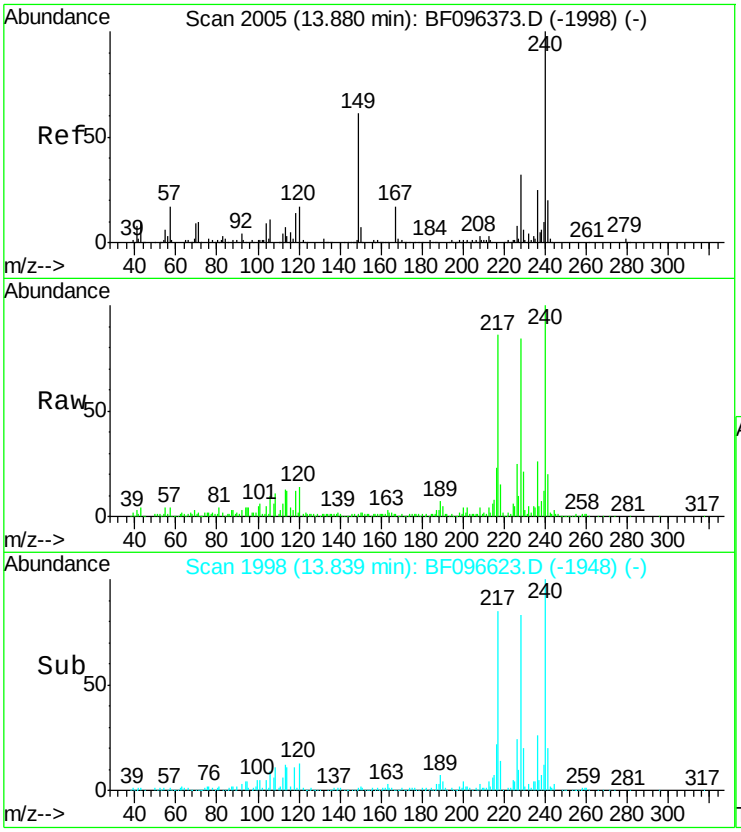


#74
Fluoranthene
Concen: 147.27 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.00 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Tgt Ion:202 Resp: 1933495

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	33.2
203	17.8	0.0	38.1



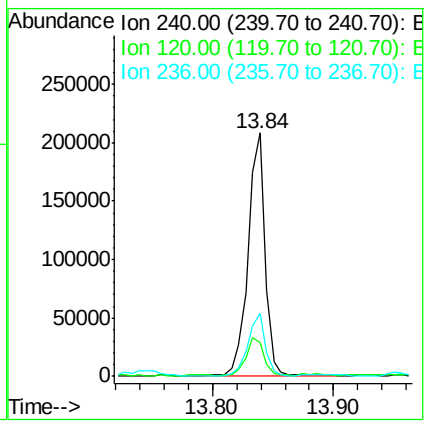


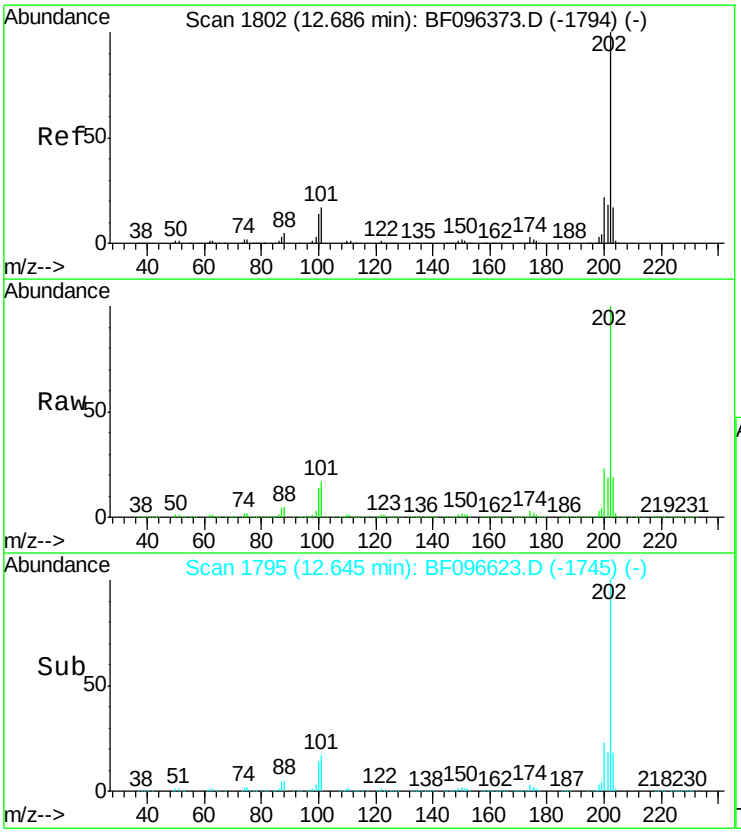
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 205685

Ion	Ratio	Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	25.8	20.5	30.7

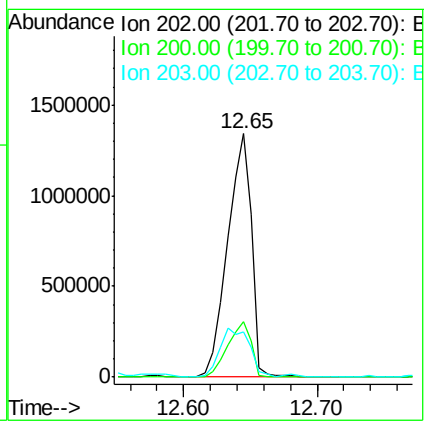


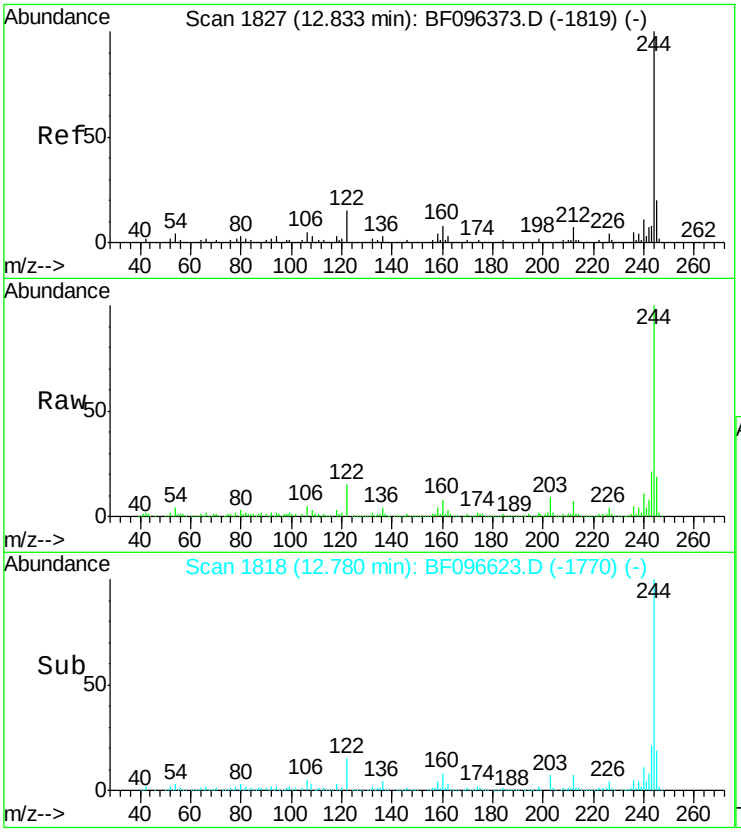


#77
Pyrene
Concen: 102.06 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Tgt Ion:202 Resp: 1684908

Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.6	26.4
203	18.5	14.4	21.6



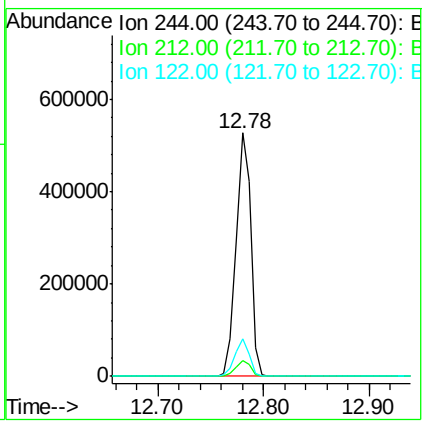


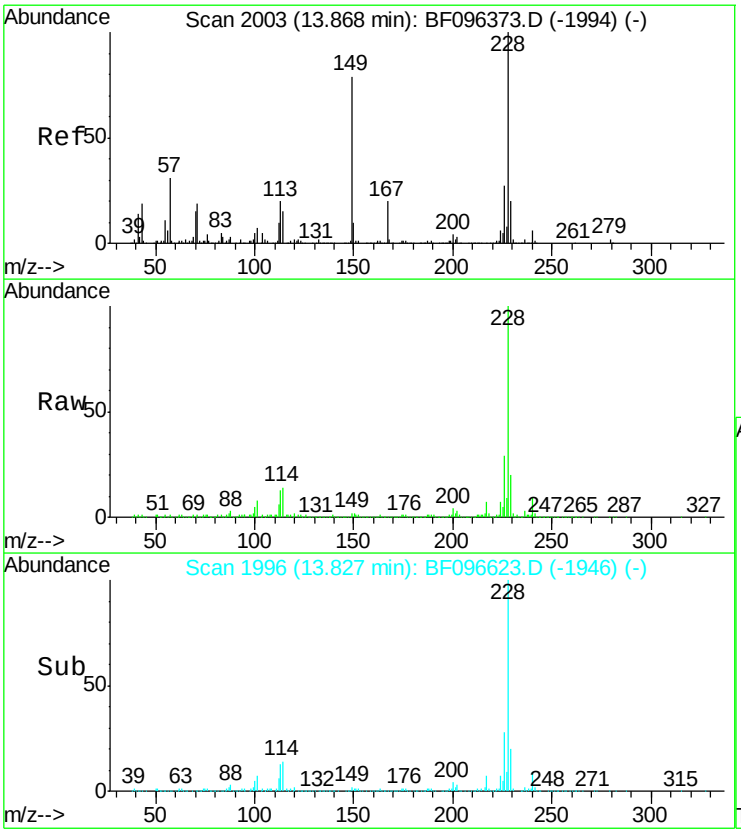
#78
Terphenyl-d14
Concen: 51.76 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 498250

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	15.2	10.3	15.5

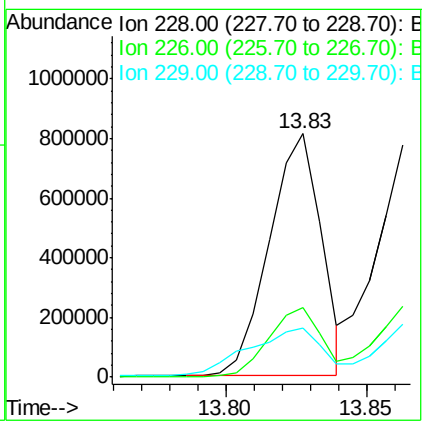


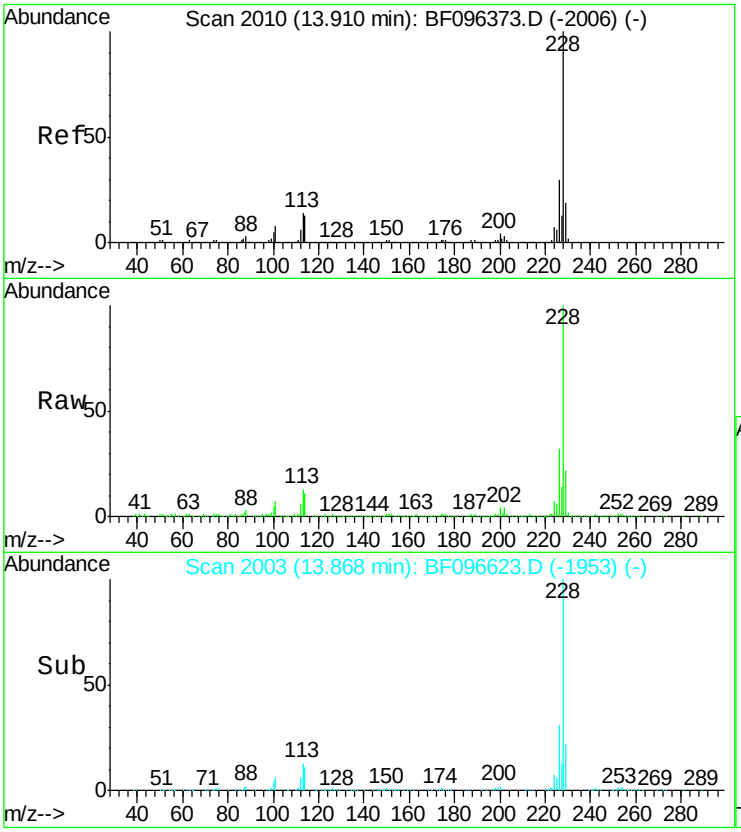


#80
Benzo(a)anthracene
Concen: 86.89 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Tgt Ion:228 Resp: 1034912

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	20.2	16.3	24.5



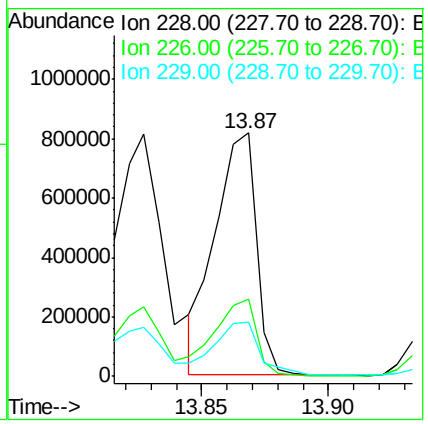


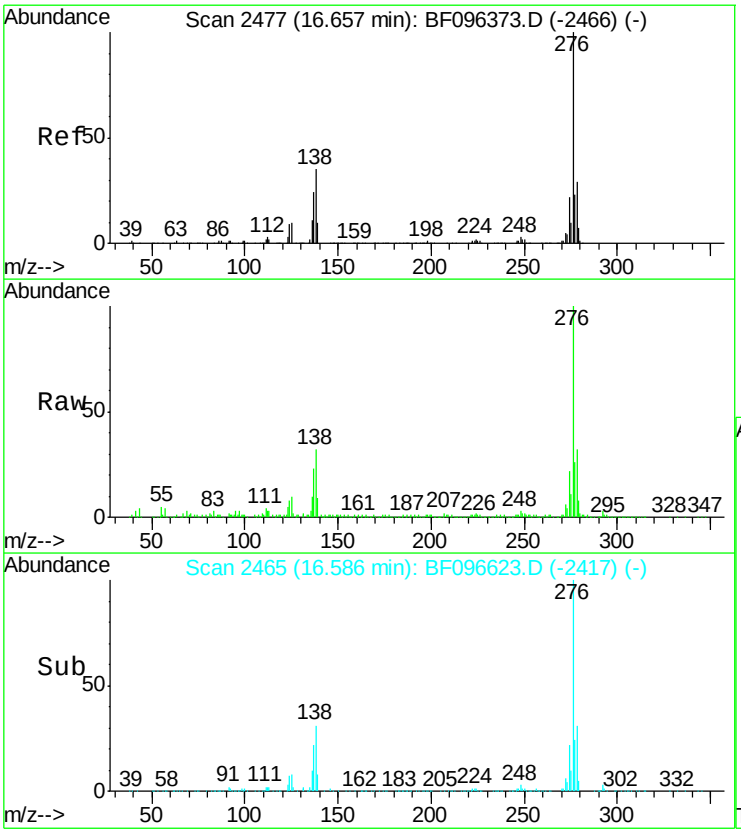
#82
Chrysene
Concen: 74.18 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 925248

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	22.1	15.8	23.6

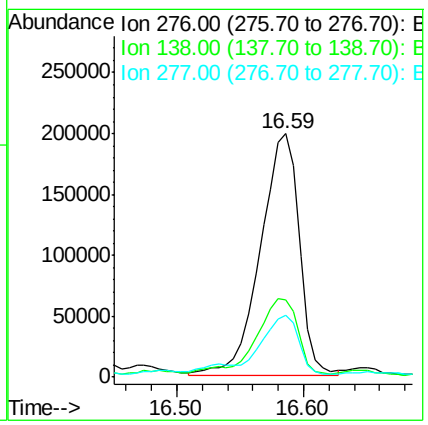


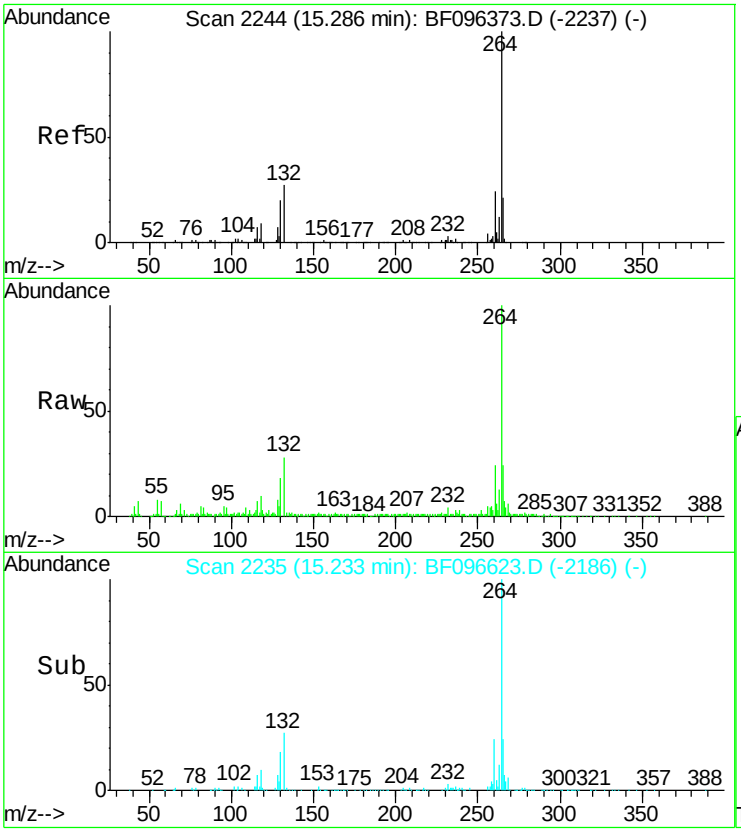


#85
Indeno(1,2,3-cd)pyrene
Concen: 43.24 ng
RT: 16.59 min Scan# 2465
Delta R.T. -0.02 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Tgt Ion:276 Resp: 425683

Ion	Ratio	Lower	Upper
276	100		
138	35.3	27.8	41.6
277	23.2	20.2	30.4



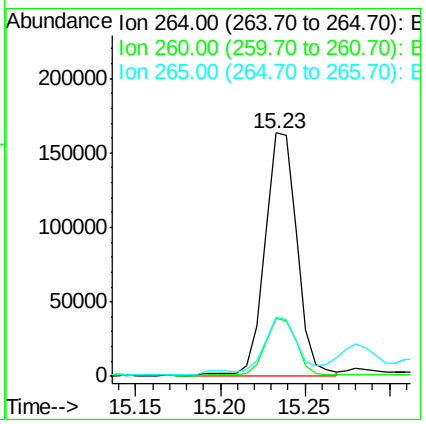


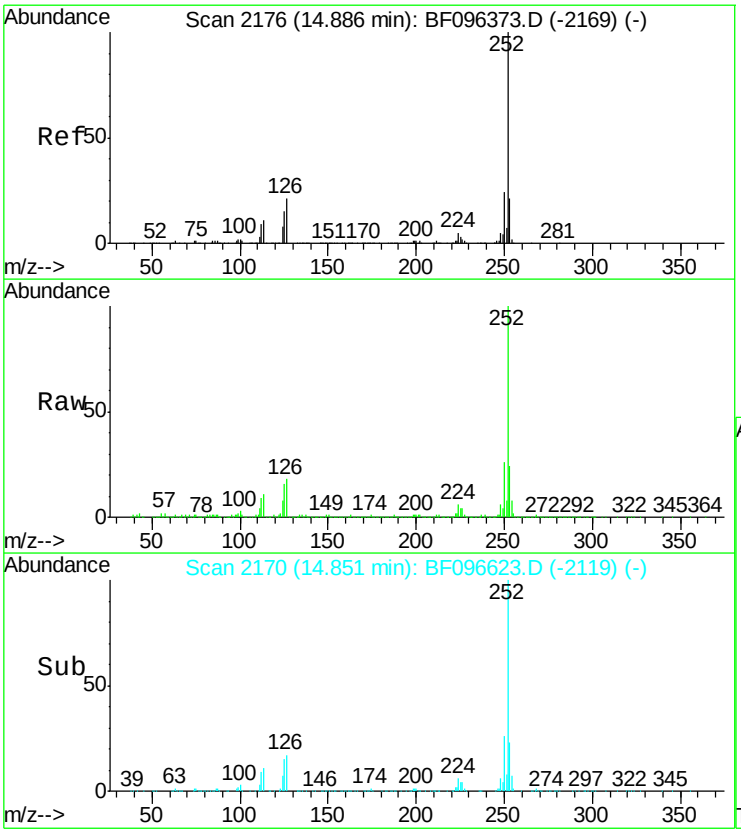
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 213926

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	24.1	17.2	25.8

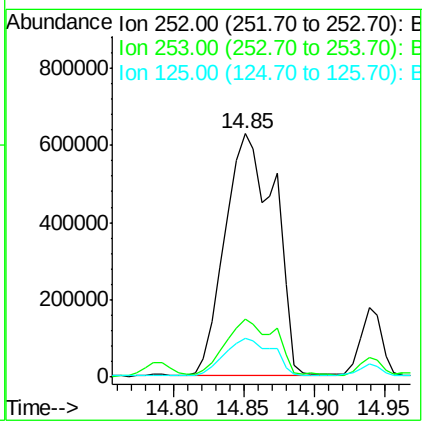


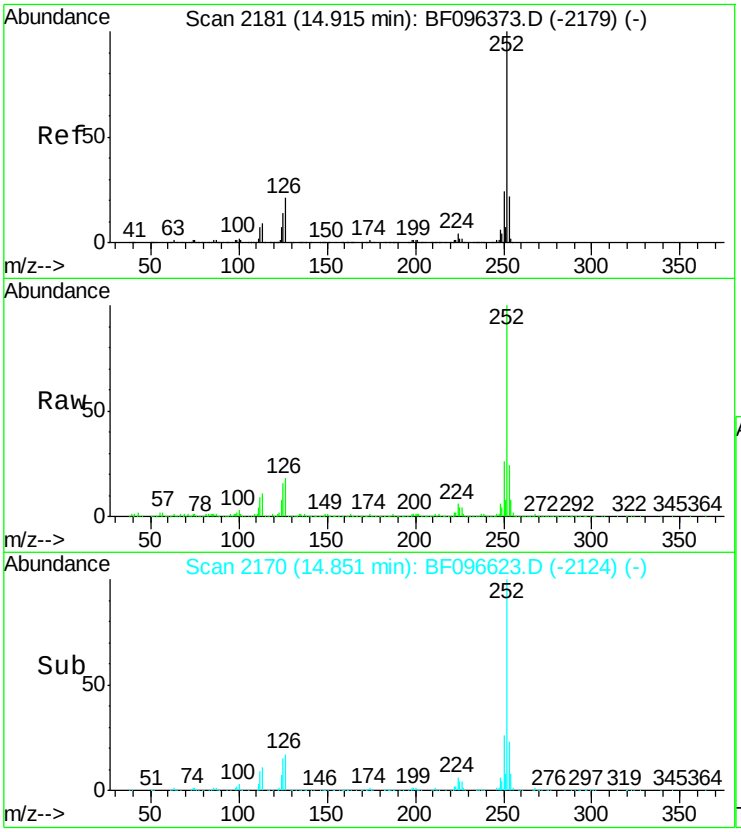


#87
Benzo(b)fluoranthene
Concen: 115.86 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Tgt Ion:252 Resp: 1553108

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	15.8	9.8	14.8#



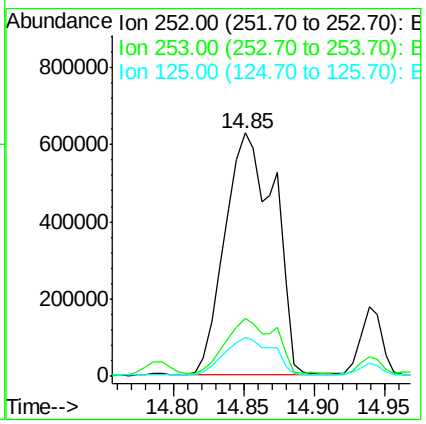


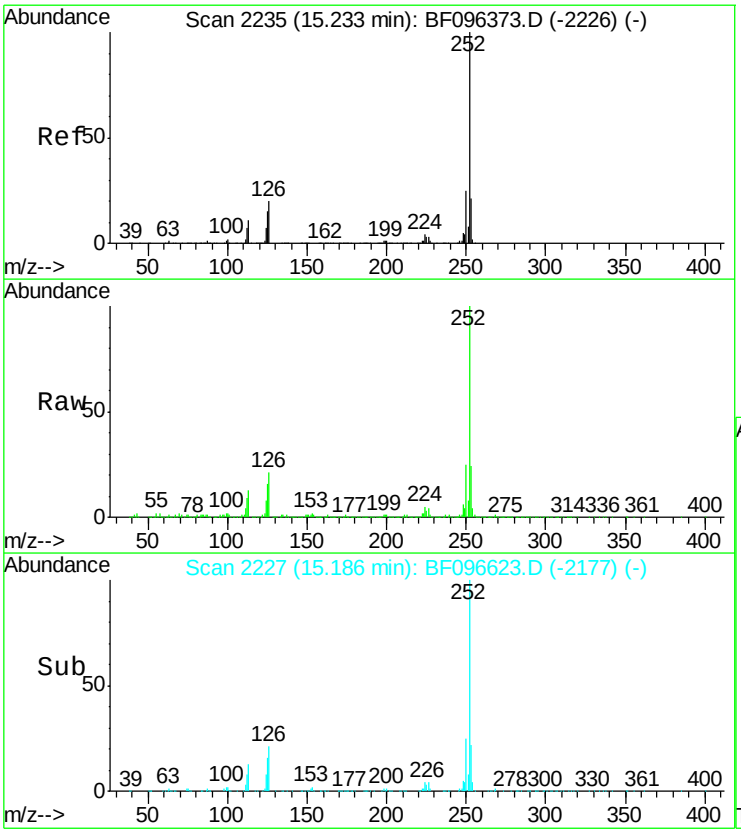
#88
Benzo(k)fluoranthene
Concen: 129.53 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1553108

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.4	27.6
125	15.8	13.1	19.7

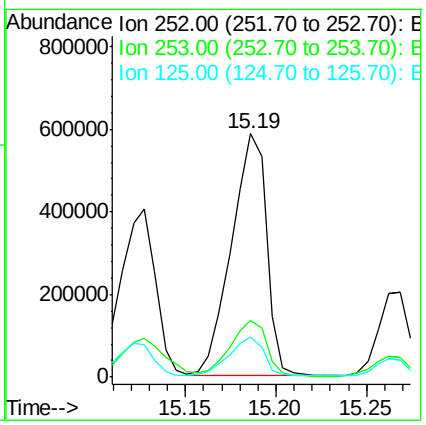


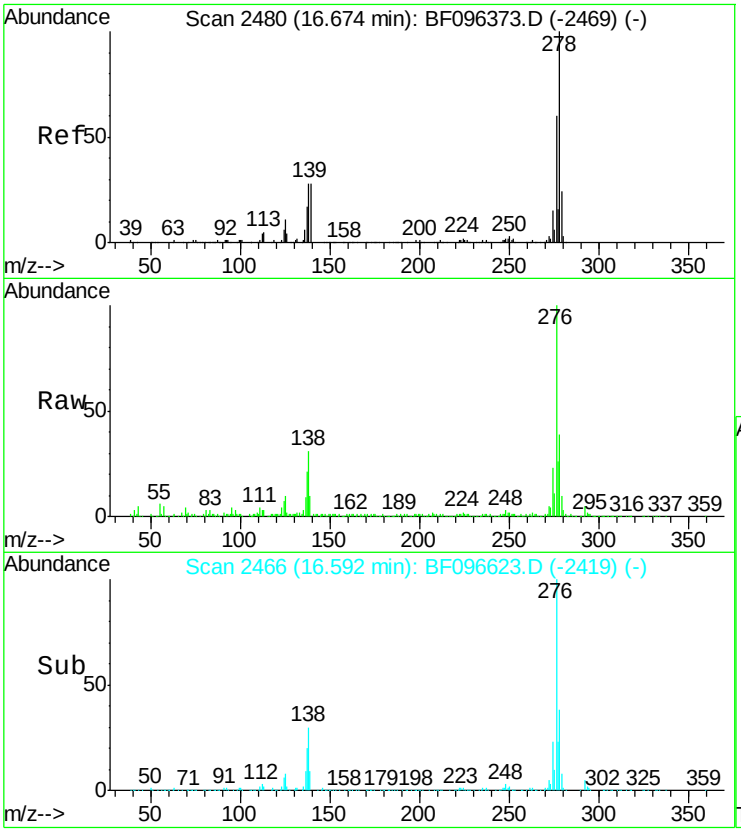


#89
Benzo(a)pyrene
Concen: 66.64 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Tgt Ion:252 Resp: 797543

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	16.5	11.0	16.4#



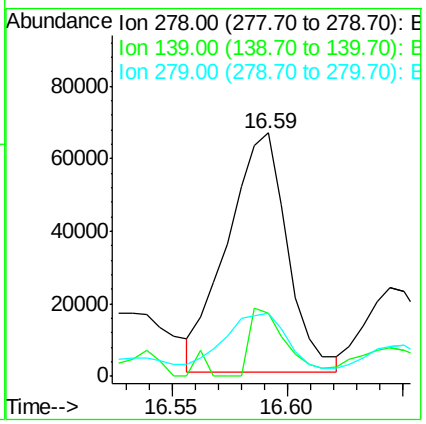


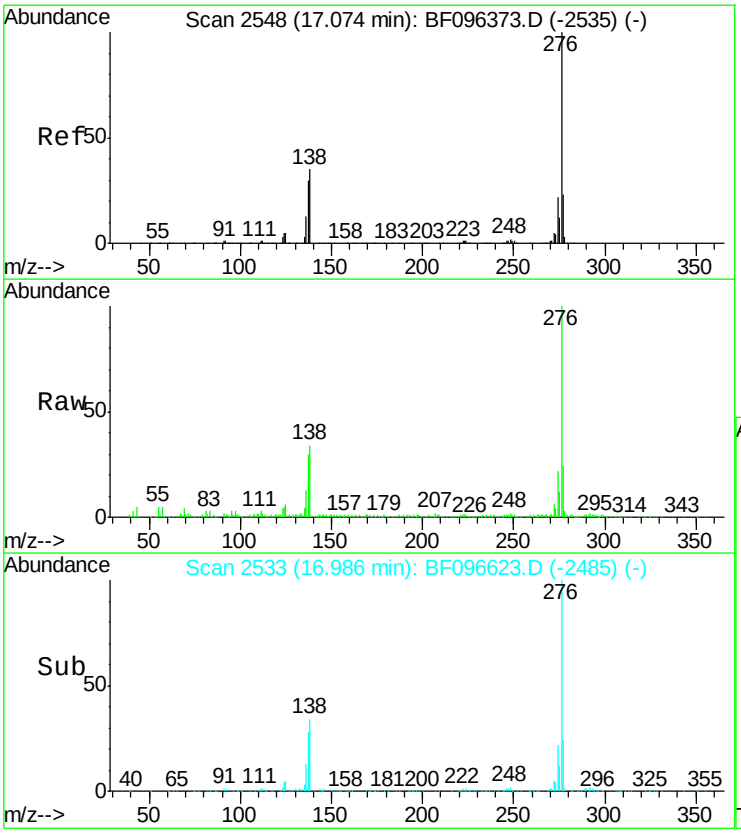
#90
Dibenzo(a,h)anthracene
Concen: 12.66 ng
RT: 16.59 min Scan# 2466
Delta R.T. -0.02 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 119188

Ion	Ratio	Lower	Upper
278	100		
139	26.1	16.6	24.8#
279	26.1	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 37.22 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.02 min
Lab File: BF096623.D
Acq: 11 Jul 2017 1:29

Tgt Ion:276 Resp: 363107

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	34.3	25.4	38.0