Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096499.D
Acq On : 5 Jul 2017 23:12
Operator : SJ/MA
Sample : I3998-01DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 06 01:43:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 13:27:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	98600	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	319167	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	104604	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	155665	20.00	ng		0.00
75) Chrysene-d12	13.86	240	177032	20.00	ng		0.00
86) Perylene-d12	15.27	264	165773	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	120240	18.00	ng		-0.01
7) Phenol-d6	6.34	99	148518	18.08	ng		-0.02
23) Nitrobenzene-d5	7.26	82	81609	15.36	ng		-0.02
41) 2,4,6-Tribromophenol	10.53	330	13906	17.02	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	114848	18.77	ng		0.00
78) Terphenyl-d14	12.81	244	71233	8.60	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.53	82	35266	3.42	ng	#	1
26) 2-Nitrophenol	7.63	139	11583	3.93	ng	#	47
35) Caprolactam	8.45	113	65886	44.10	ng	#	1
49) Dimethylphthalate	9.47	163	42243	5.41	ng	#	80
50) 2,6-Dinitrotoluene	9.53	165	5581	3.23	ng	#	57
55) 4-Nitrophenol	9.90	139	6146	3.44	ng	#	1
57) Fluorene	10.30	166	13110	2.16	ng	#	82
65) n-Nitrosodiphenylamine	10.43	169	26087	4.78	ng	#	54
71) Anthracene	11.31	178	20193	2.35	ng	#	84
74) Fluoranthene	12.45	202	181823	22.04	ng		96
77) Pyrene	12.67	202	179377	12.62	ng		99
80) Benzo(a)anthracene	13.85	228	69682	6.80	ng		99
82) Chrysene	13.89	228	57630	5.37	ng		95
85) Indeno(1,2,3-cd)pyrene	16.62	276	22601	2.67	ng		91
87) Benzo(b)fluoranthene	14.87	252	89048	8.57	ng	#	86
88) Benzo(k)fluoranthene	14.87	252	89048	9.58	ng	#	89
89) Benzo(a)pyrene	15.21	252	45319	4.89	ng	#	85
91) Benzo(g,h,i)perylene	17.03	276	19257	2.55	ng		94

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

Quantitation Report (Not Reviewed)

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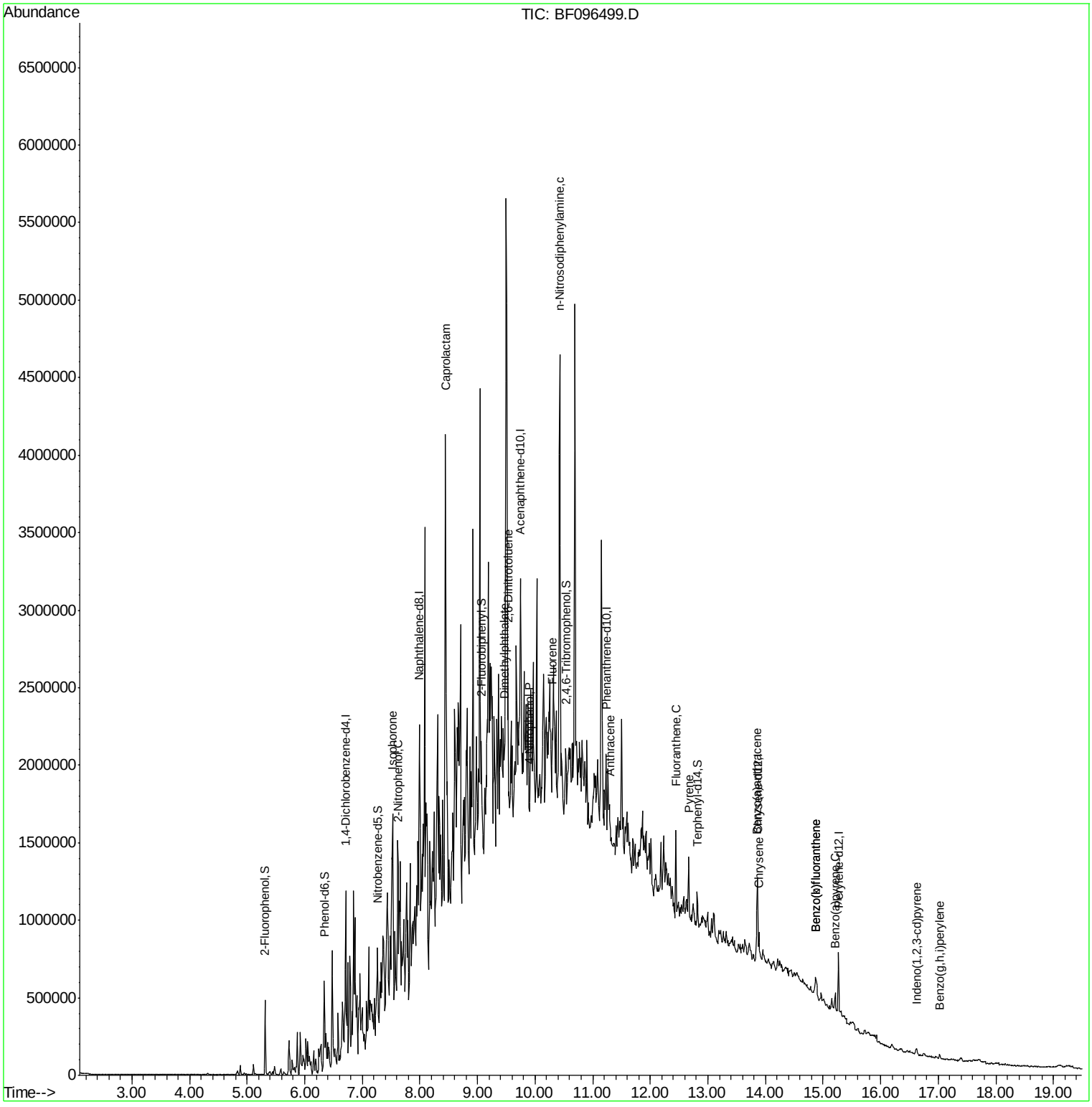
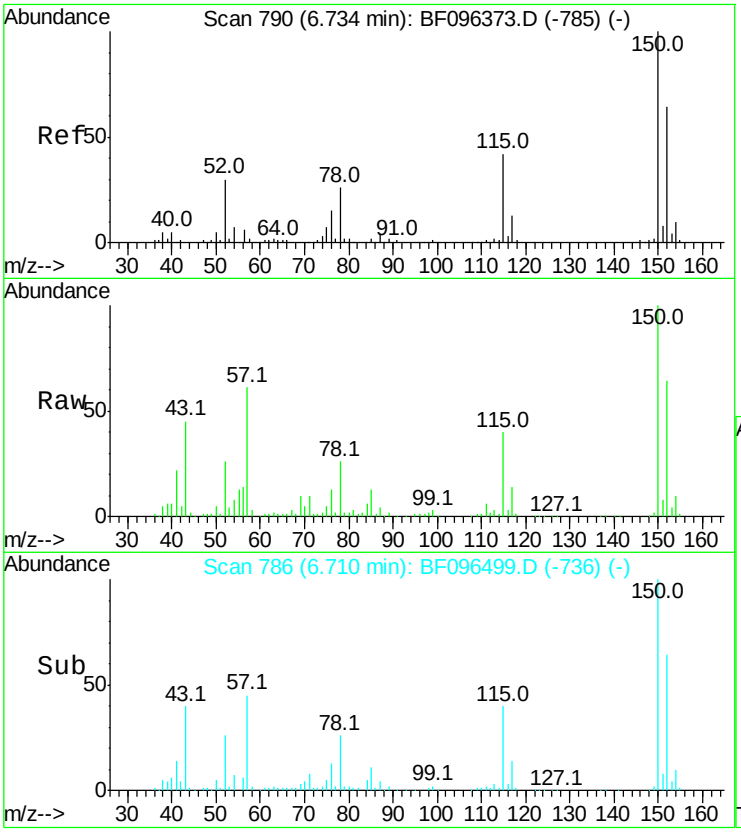


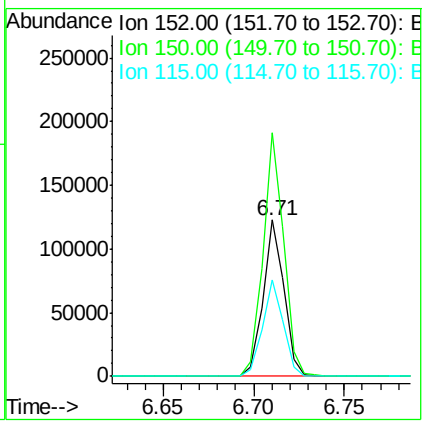


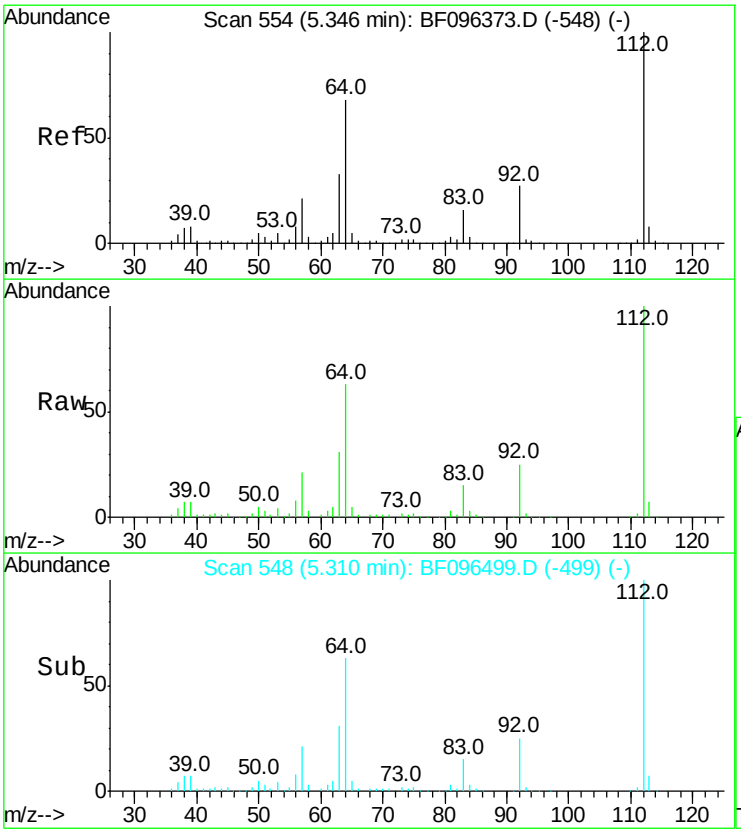
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF096499.D
Acq: 5 Jul 2017 23:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 98600

Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.2	189.2
115	62.1	52.2	78.2

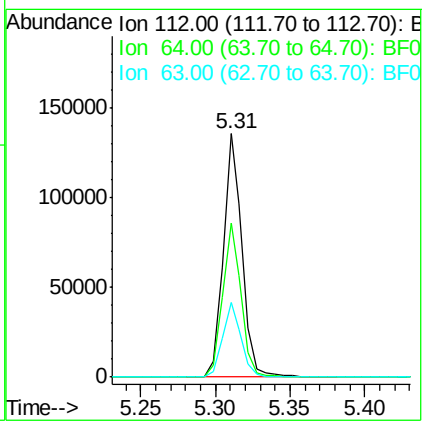


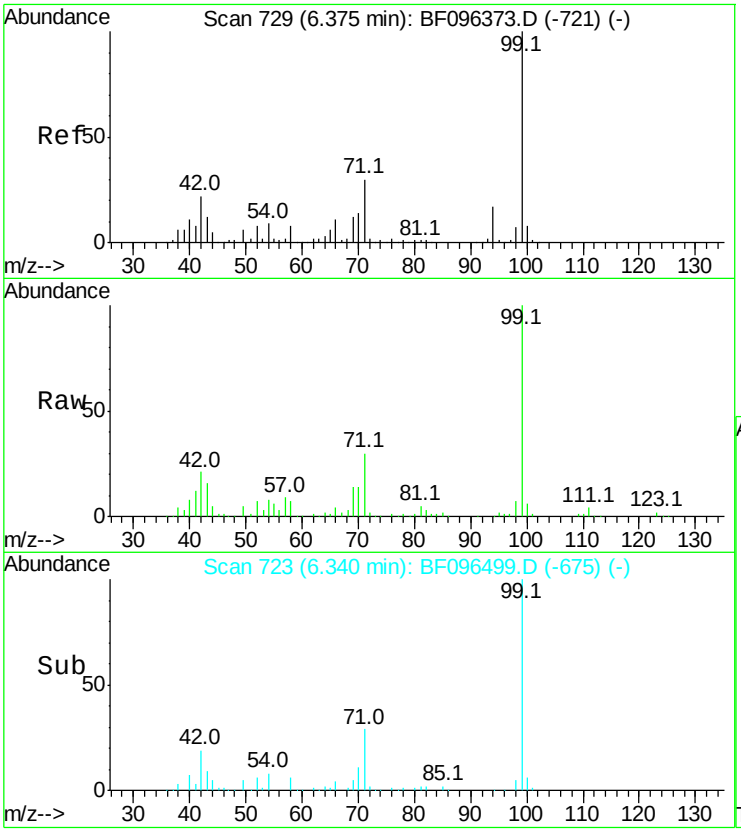


#5
2-Fluorophenol
Concen: 18.00 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF096499.D
Acq: 5 Jul 2017 23:12

Tgt Ion:112 Resp: 120240

Ion	Ratio	Lower	Upper
112	100		
64	63.1	46.0	69.0
63	30.5	23.4	35.0



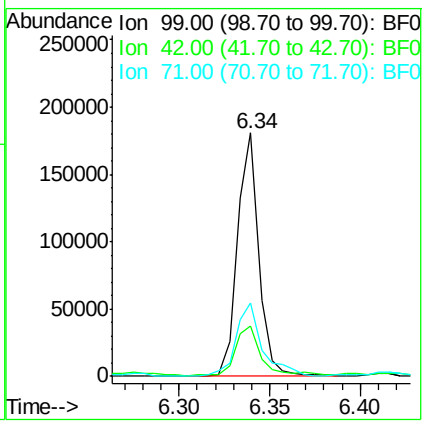


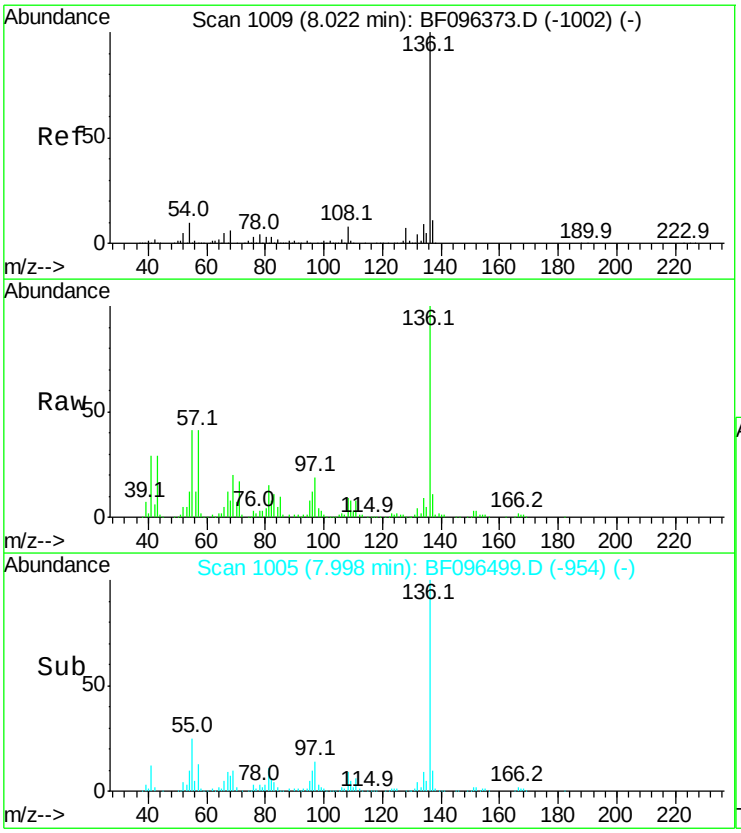
#7
Phenol-d6
Concen: 18.08 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF096499.D
Acq: 5 Jul 2017 23:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 148518

Ion	Ratio	Lower	Upper
99	100		
42	20.5	13.5	20.3#
71	30.2	24.5	36.7

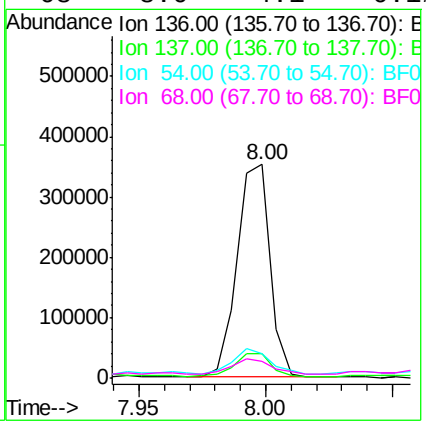


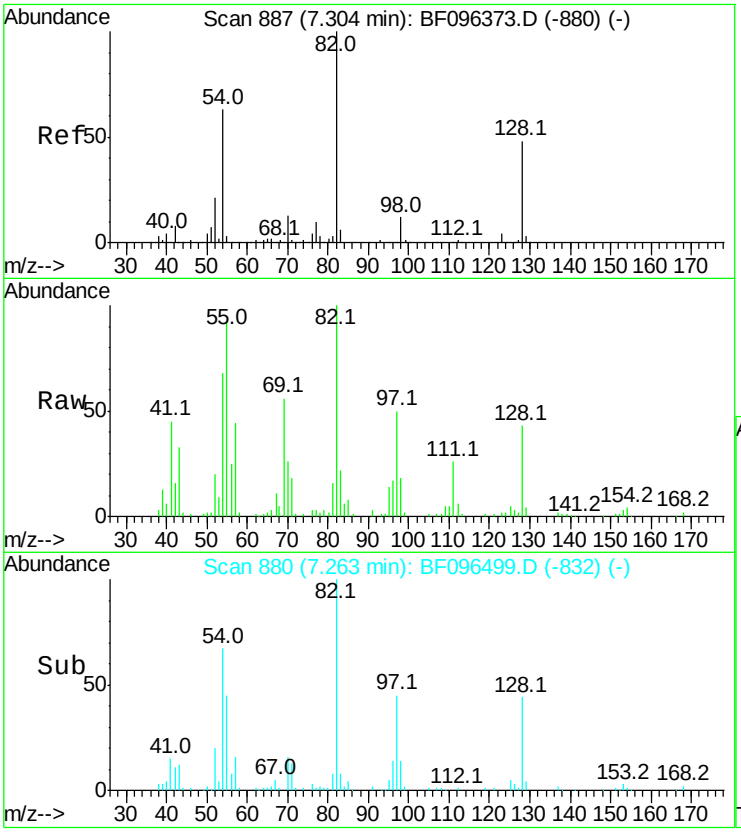


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF096499.D
Acq: 5 Jul 2017 23:12

Tgt Ion:136 Resp: 319167

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	11.6	4.9	7.3#
68	8.0	4.1	6.1#

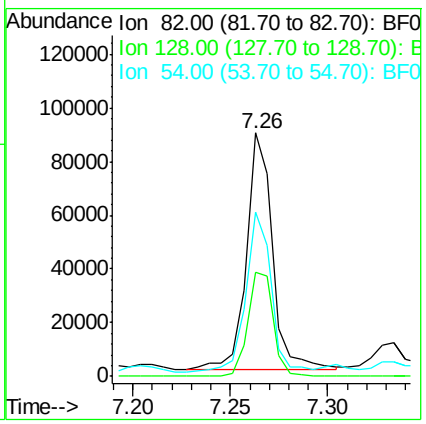




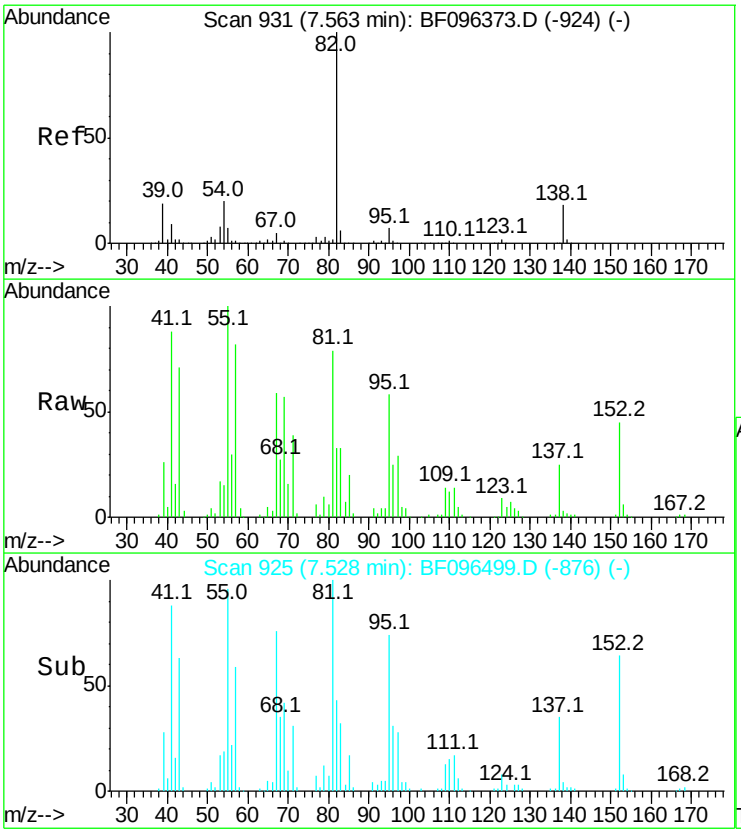
#23
Nitrobenzene-d5
Concen: 15.36 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF096499.D
Acq: 5 Jul 2017 23:12

Tgt Ion: 82 Resp: 81609

Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.0	51.0
54	67.5	42.2	63.2#



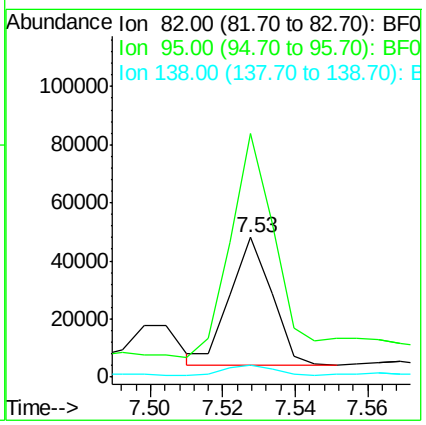
Instrument :
BNA_F
ClientSampleId :

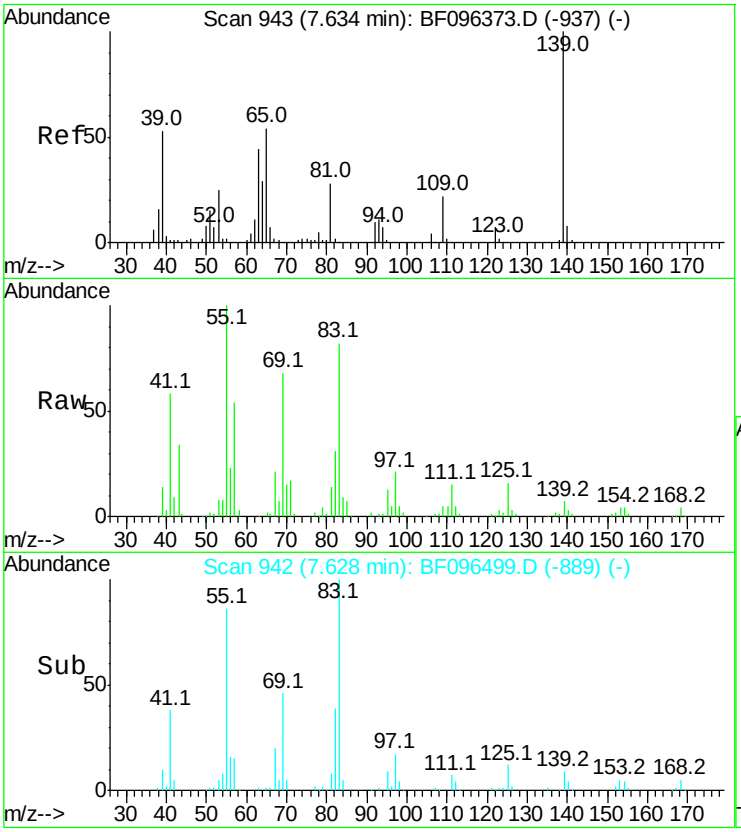


#25
Isophorone
Concen: 3.42 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF096499.D
Acq: 5 Jul 2017 23:12

Tgt Ion: 82 Resp: 35266

Ion	Ratio	Lower	Upper
82	100		
95	174.6	5.3	7.9#
138	9.0	13.1	19.7#



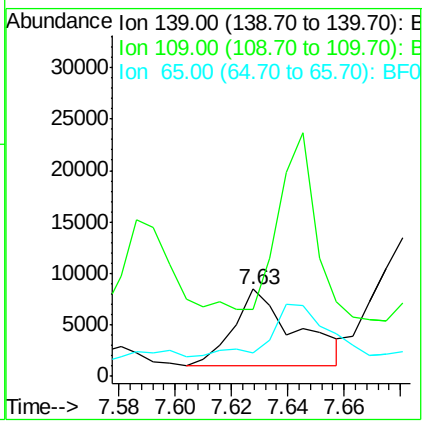


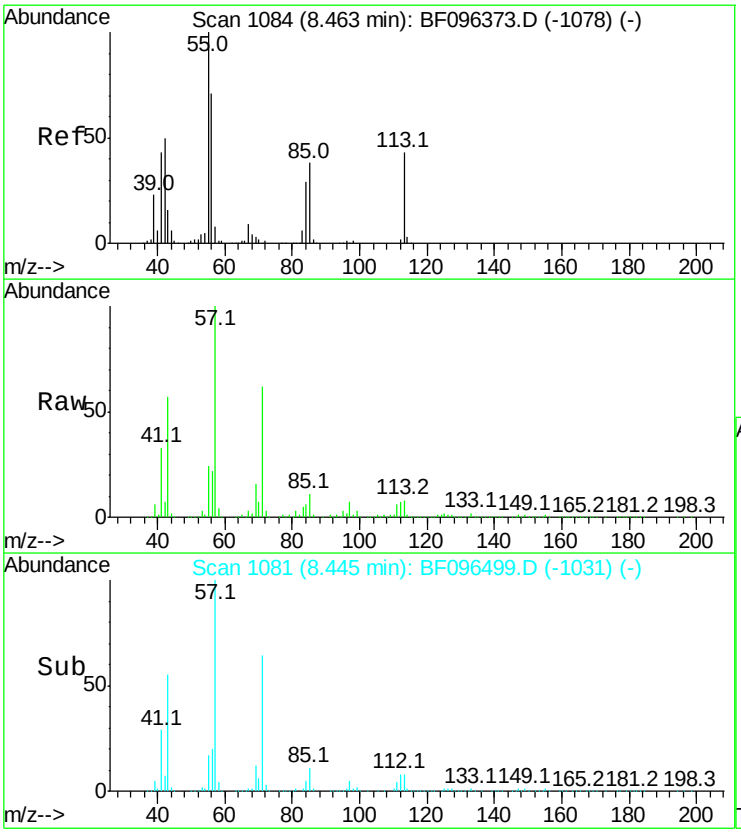
#26
2-Nitrophenol
Concen: 3.93 ng
RT: 7.63 min Scan# 942
Delta R.T. 0.01 min
Lab File: BF096499.D
Acq: 5 Jul 2017 23:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 11583

Ion	Ratio	Lower	Upper
139	100		
109	77.1	21.0	31.6#
65	26.9	33.0	49.6#

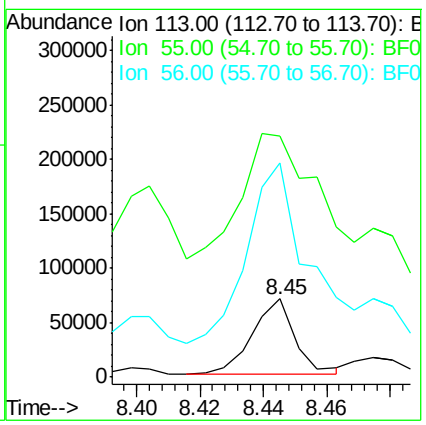


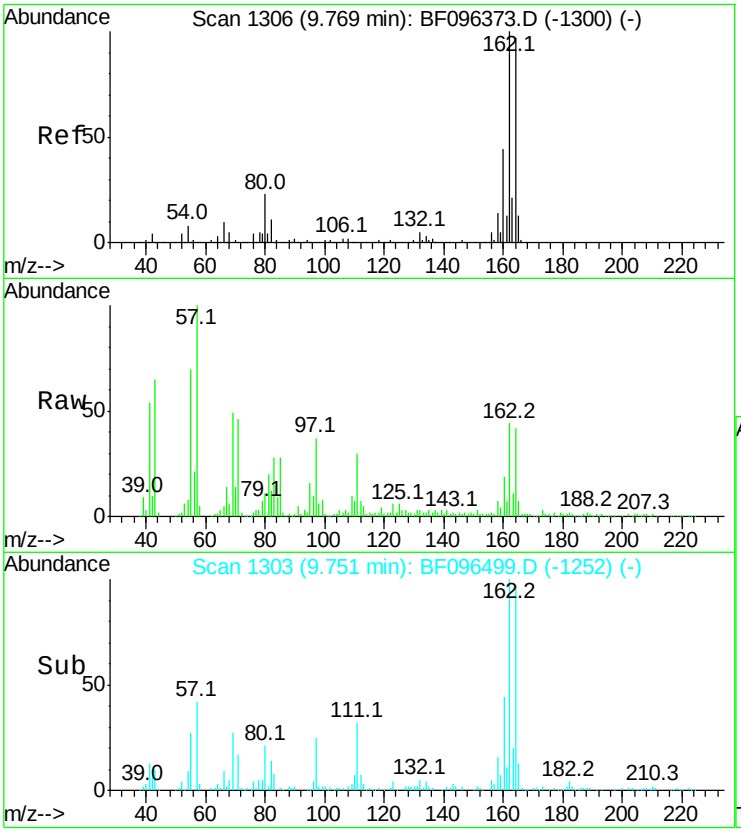


#35
Caprolactam
Concen: 44.10 ng
RT: 8.45 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF096499.D
Acq: 5 Jul 2017 23:12

Tgt Ion:113 Resp: 65886

Ion	Ratio	Lower	Upper
113	100		
55	308.9	150.2	190.2#
56	273.9	107.8	147.8#



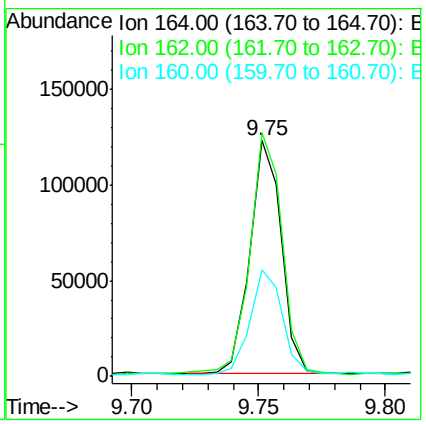


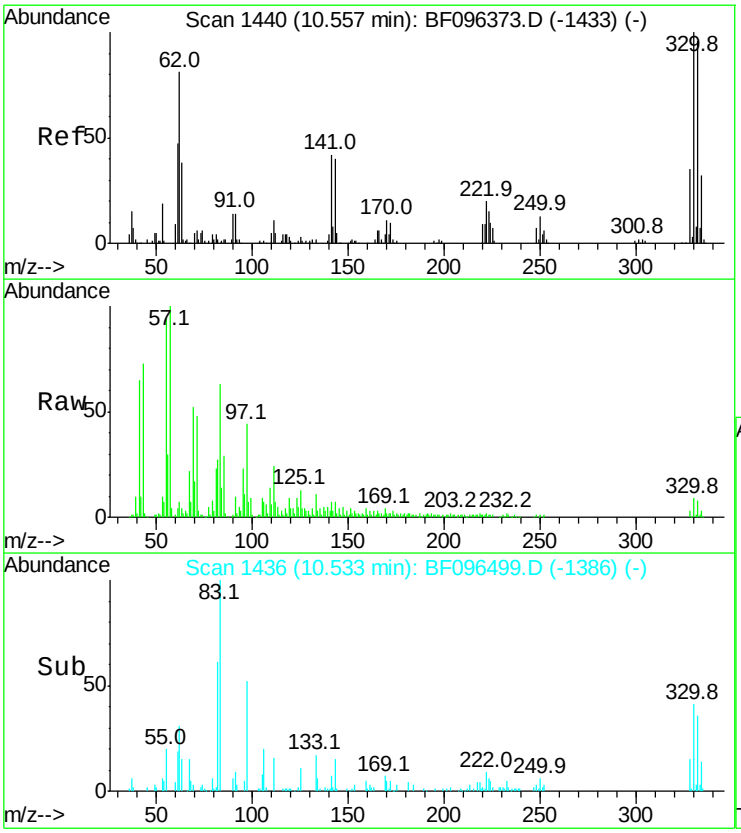
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF096499.D
Acq: 5 Jul 2017 23:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 104604

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	45.1	36.2	54.2

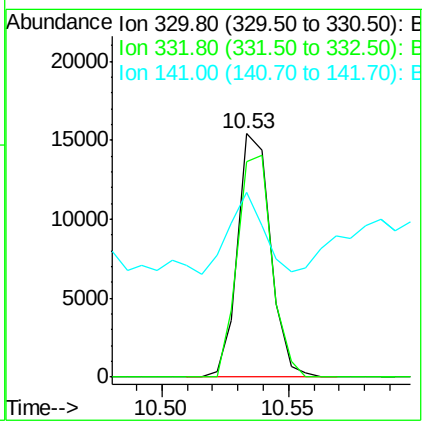


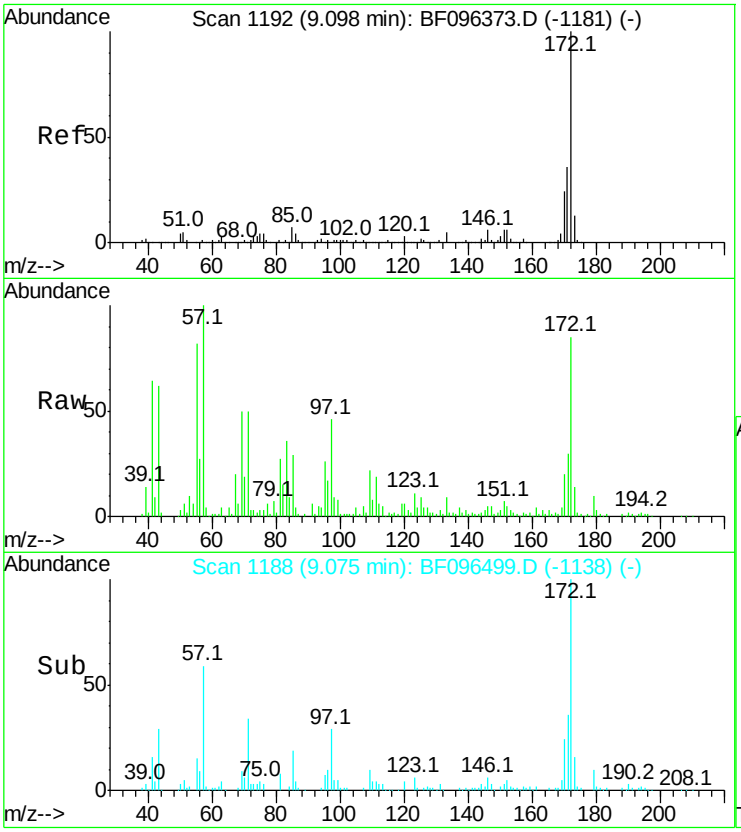


#41
2,4,6-Tribromophenol
Concen: 17.02 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF096499.D
Acq: 5 Jul 2017 23:12

Tgt Ion:330 Resp: 13906

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	35.4	31.4	47.2



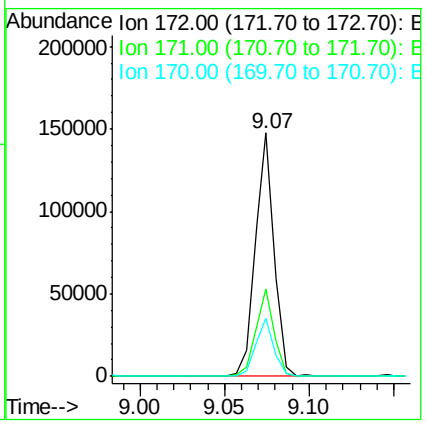


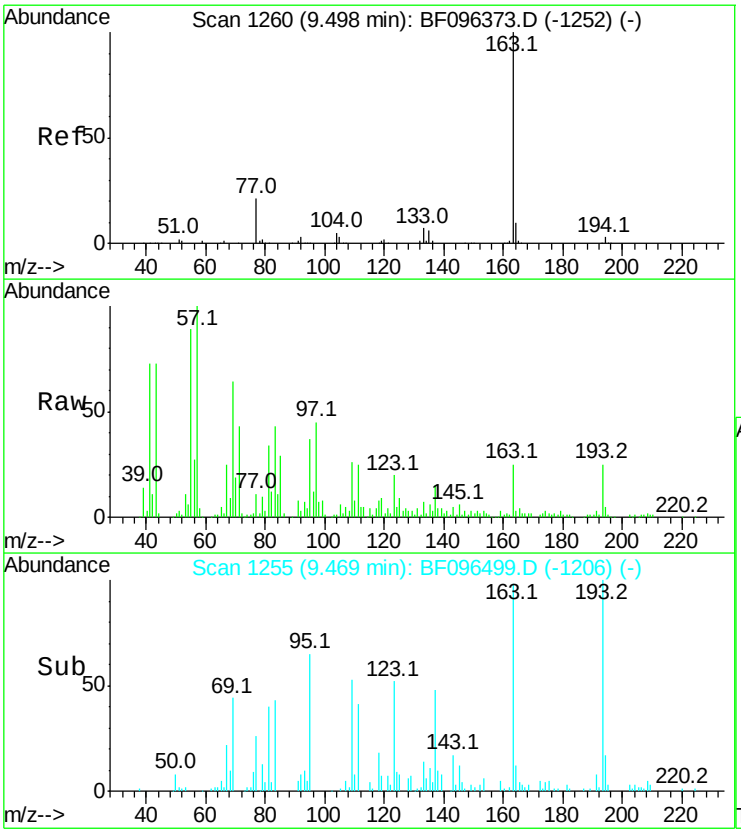
#44
2-Fluorobiphenyl
Concen: 18.77 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF096499.D
Acq: 5 Jul 2017 23:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 114848

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.9	19.8	29.8

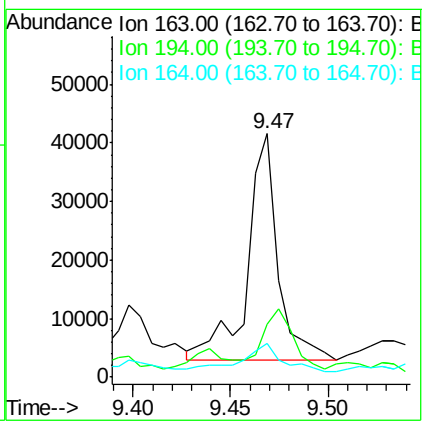


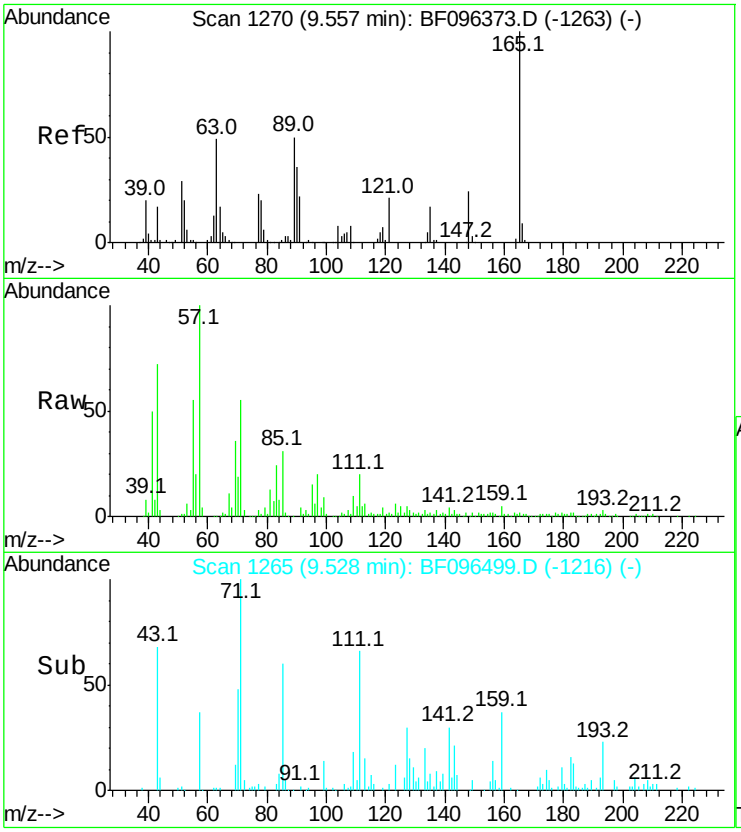


#49
Dimethylphthalate
Concen: 5.41 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF096499.D
Acq: 5 Jul 2017 23:12

Tgt Ion:163 Resp: 42243

Ion	Ratio	Lower	Upper
163	100		
194	21.6	2.6	4.0#
164	13.8	8.4	12.6#



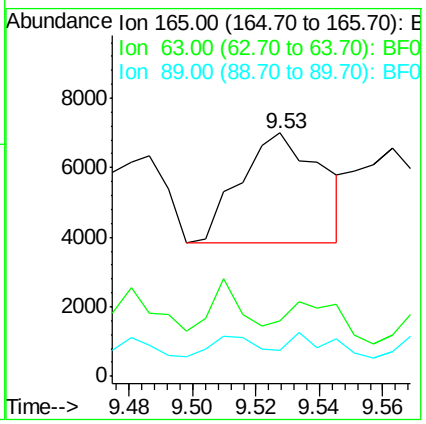


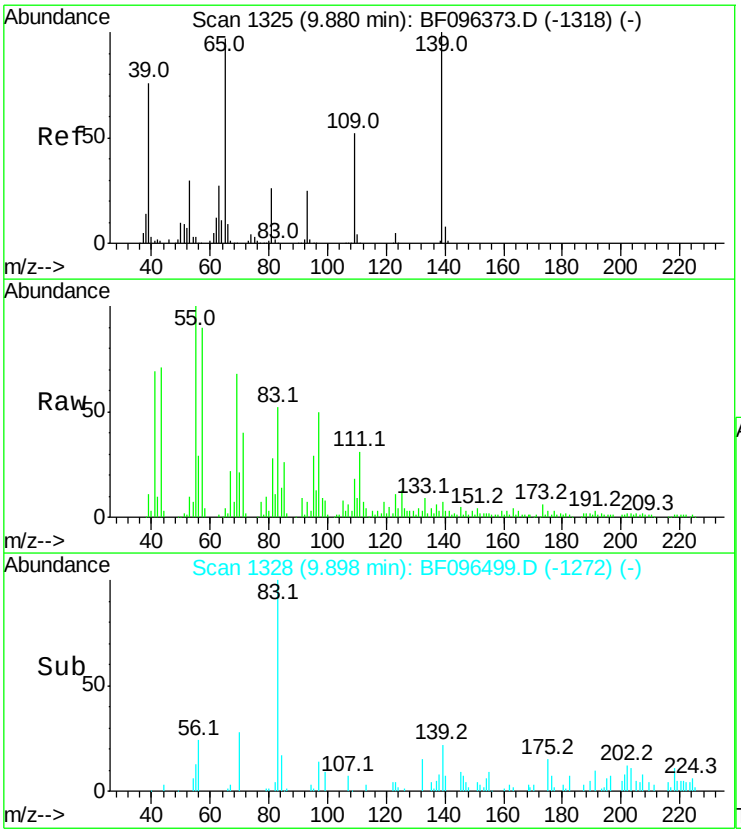
#50
2,6-Dinitrotoluene
Concen: 3.23 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF096499.D
Acq: 5 Jul 2017 23:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 5581

Ion	Ratio	Lower	Upper
165	100		
63	22.6	34.3	51.5#
89	10.7	37.1	55.7#

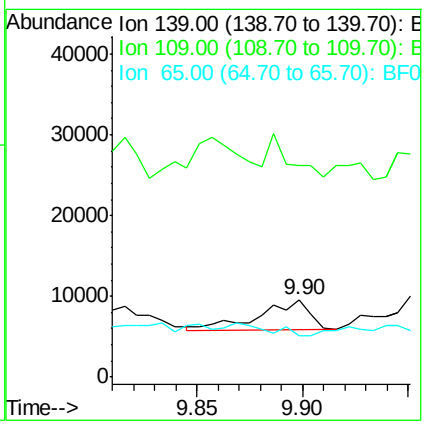


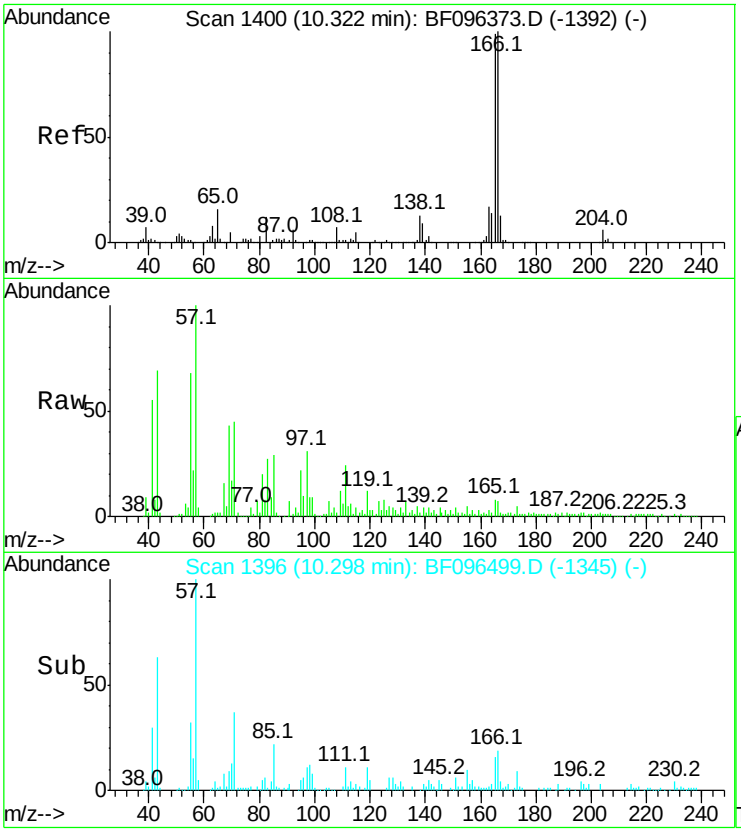


#55
4-Nitrophenol
Concen: 3.44 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.03 min
Lab File: BF096499.D
Acq: 5 Jul 2017 23:12

Tgt Ion:139 Resp: 6146

Ion	Ratio	Lower	Upper
139	100		
109	273.6	34.1	74.1#
65	53.6	31.4	71.4



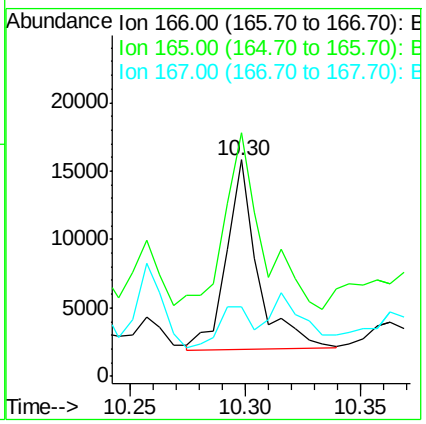


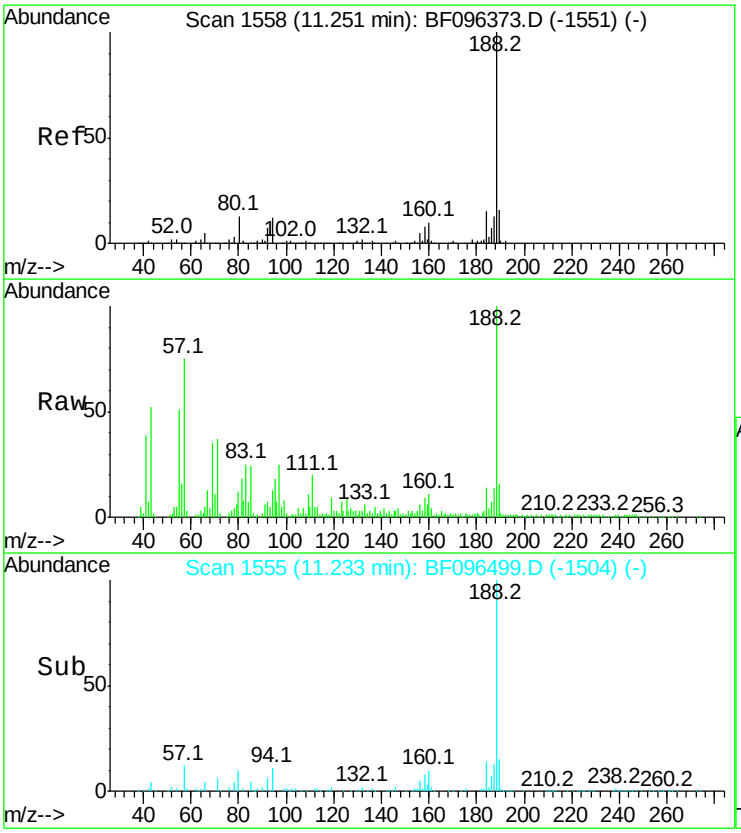
#57
Fluorene
Concen: 2.16 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF096499.D
Acq: 5 Jul 2017 23:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 13110

Ion	Ratio	Lower	Upper
166	100		
165	112.6	78.8	118.2
167	32.1	10.6	16.0#

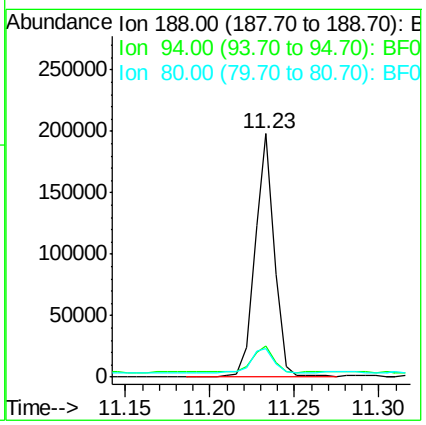


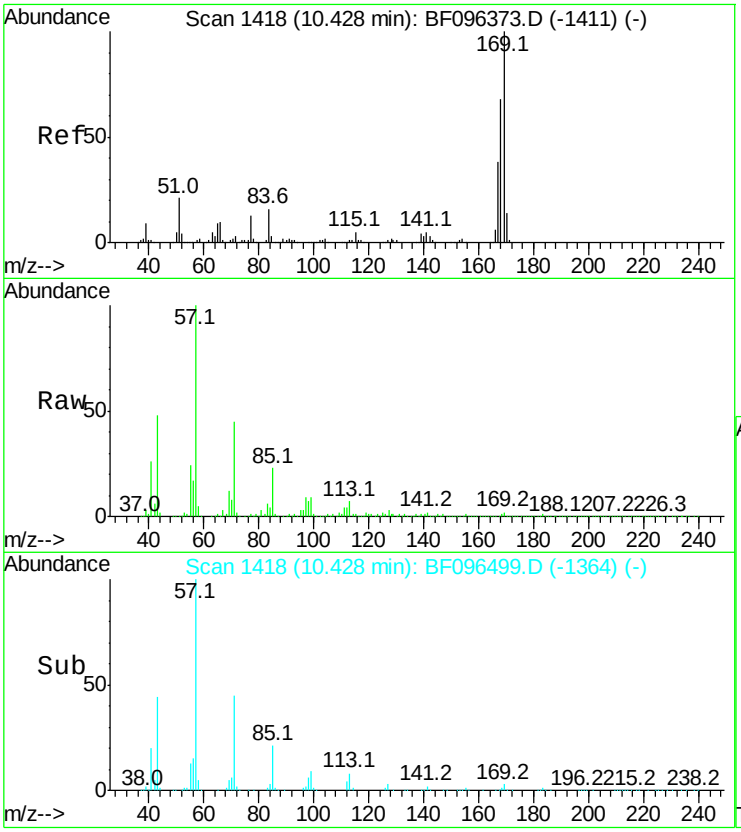


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF096499.D
Acq: 5 Jul 2017 23:12

Tgt Ion:188 Resp: 155665

Ion	Ratio	Lower	Upper
188	100		
94	12.7	9.4	14.2
80	12.0	10.2	15.2



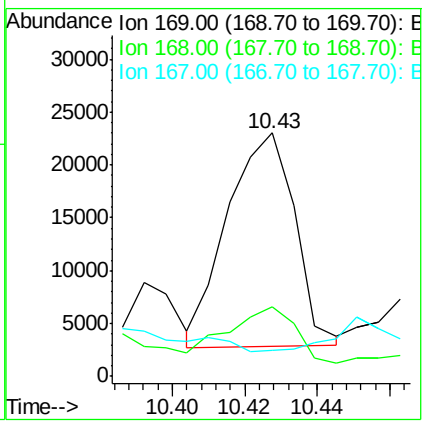


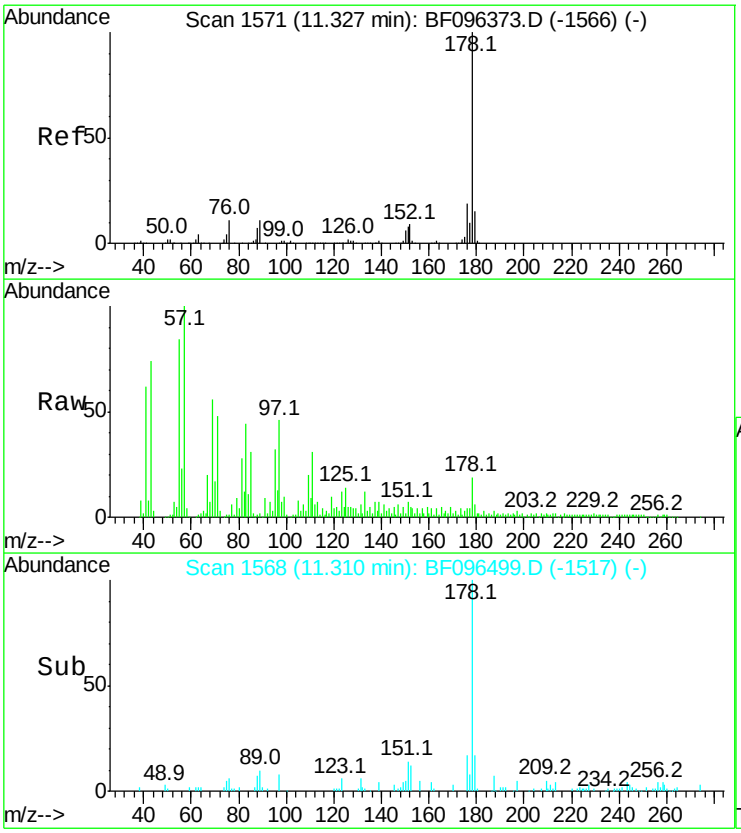
#65
n-Nitrosodiphenylamine
Concen: 4.78 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.02 min
Lab File: BF096499.D
Acq: 5 Jul 2017 23:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 26087

Ion	Ratio	Lower	Upper
169	100		
168	28.7	53.2	79.8#
167	10.5	29.5	44.3#

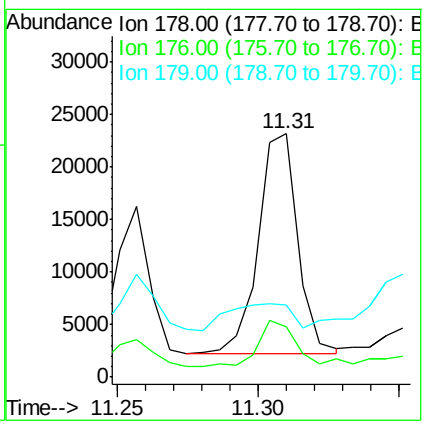


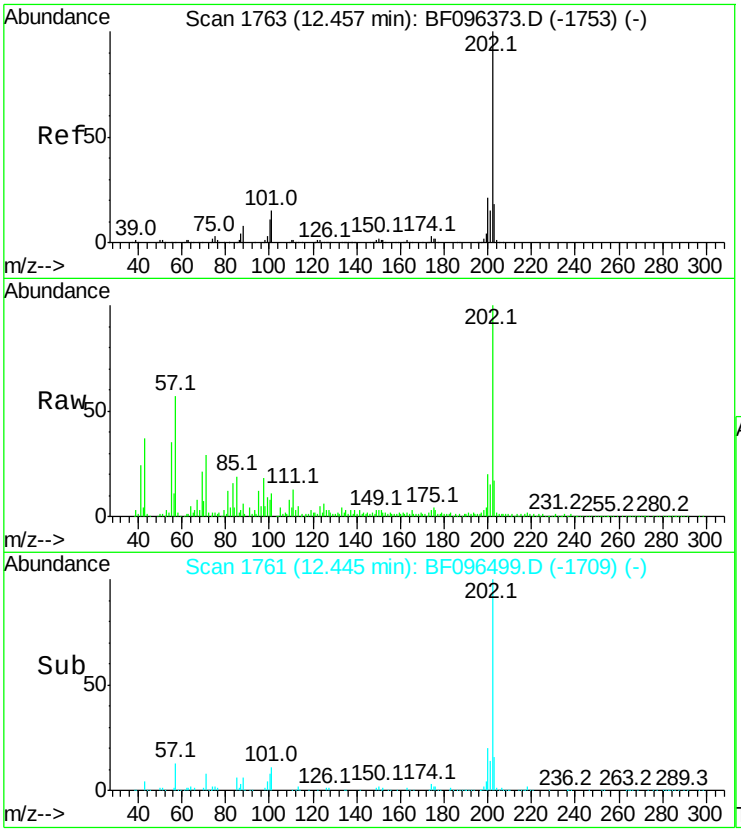


#71
Anthracene
Concen: 2.35 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BF096499.D
Acq: 5 Jul 2017 23:12

Tgt Ion:178 Resp: 20193

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.8	23.8
179	29.7	12.7	19.1#



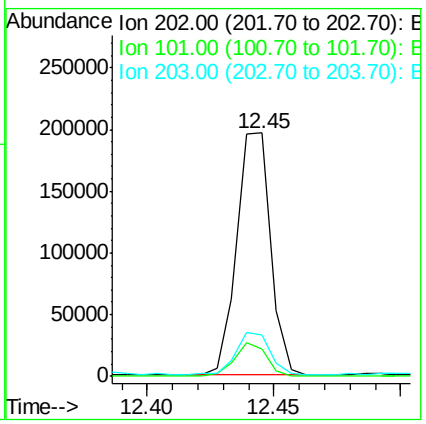


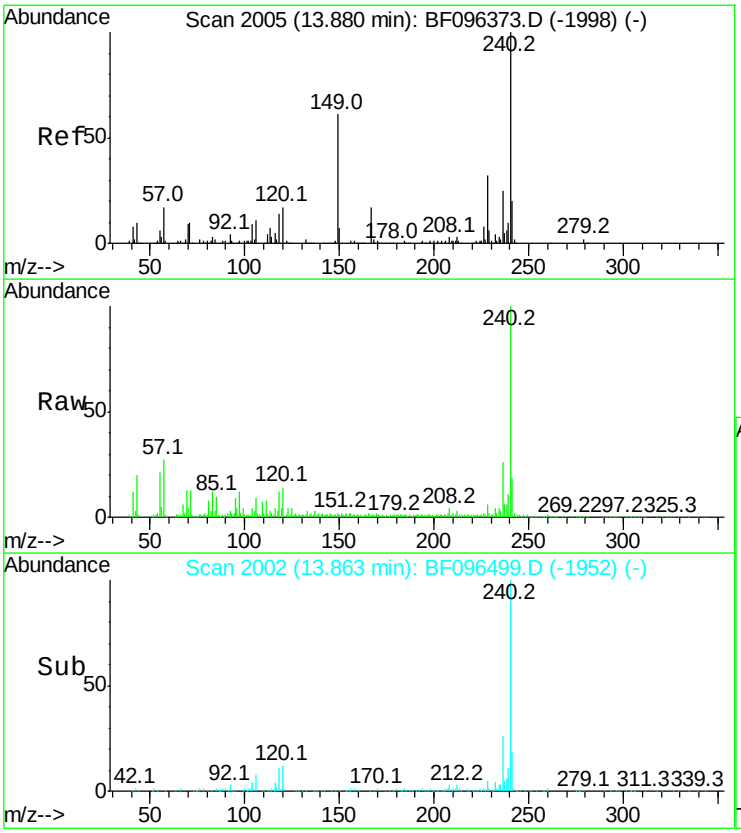
#74
Fluoranthene
Concen: 22.04 ng
RT: 12.45 min Scan# 1761
Delta R.T. 0.01 min
Lab File: BF096499.D
Acq: 5 Jul 2017 23:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 181823

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	33.2
203	17.1	0.0	38.1

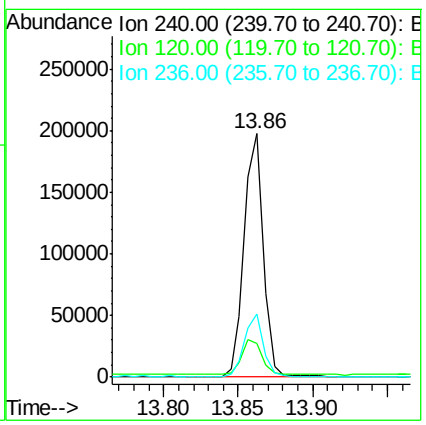


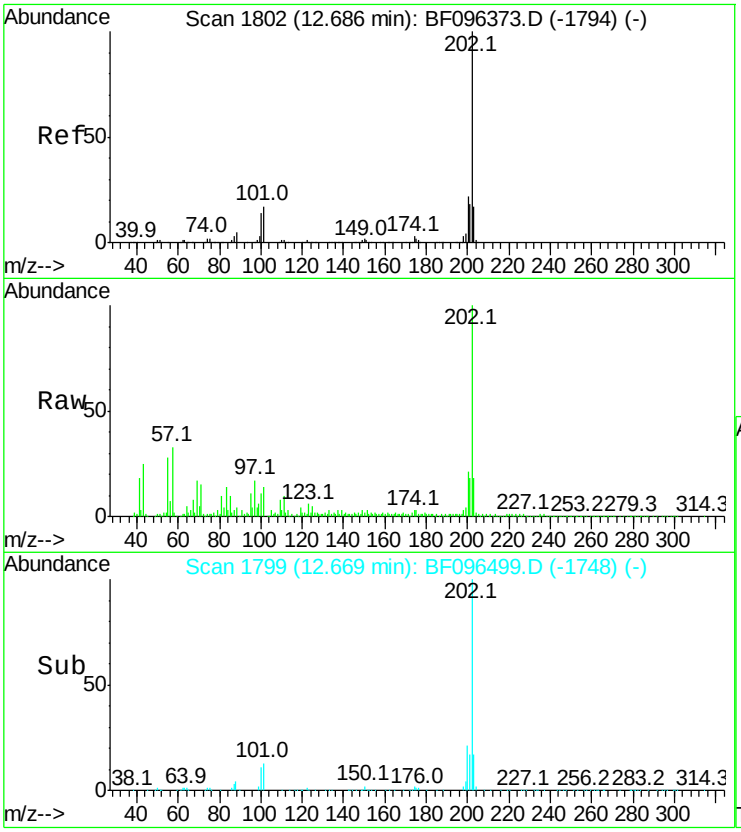


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF096499.D
Acq: 5 Jul 2017 23:12

Tgt Ion:240 Resp: 177032

Ion	Ratio	Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	25.7	20.5	30.7



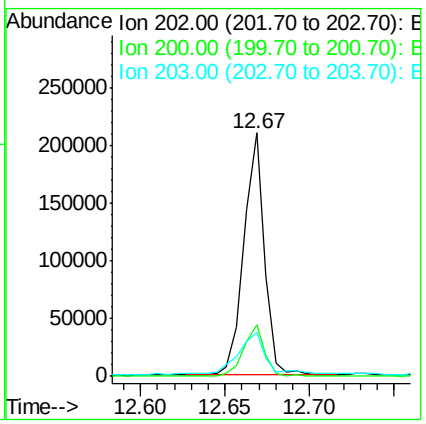


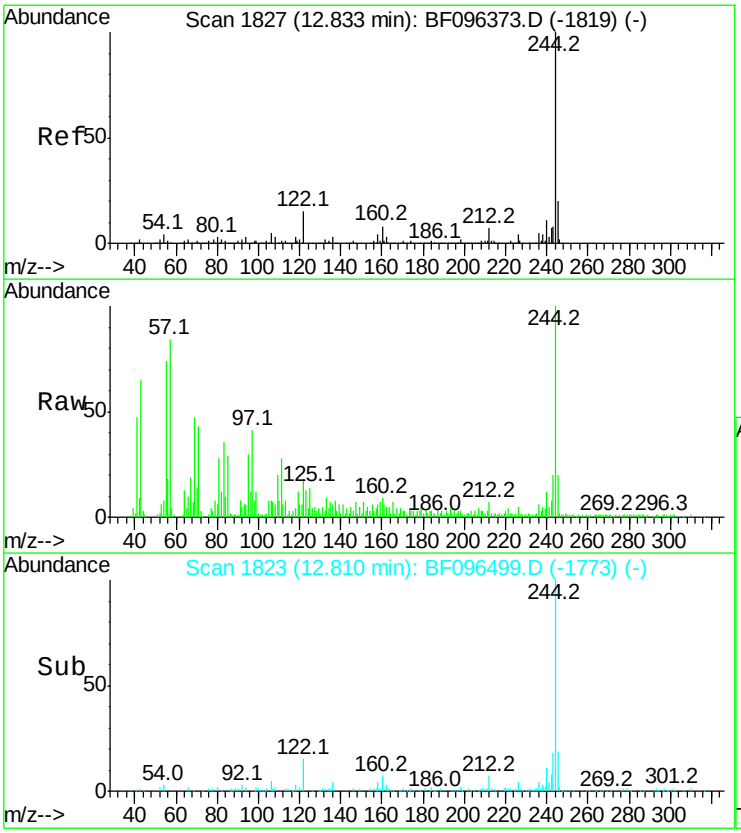
#77
Pyrene
Concen: 12.62 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.00 min
Lab File: BF096499.D
Acq: 5 Jul 2017 23:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 179377

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	17.8	14.4	21.6

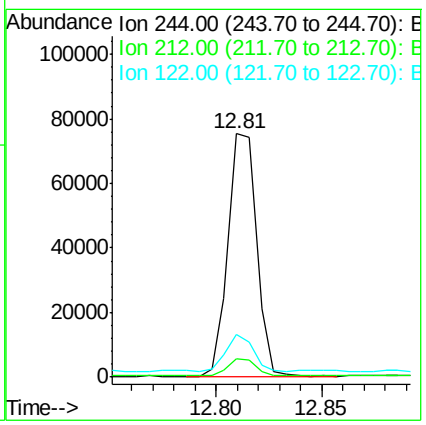


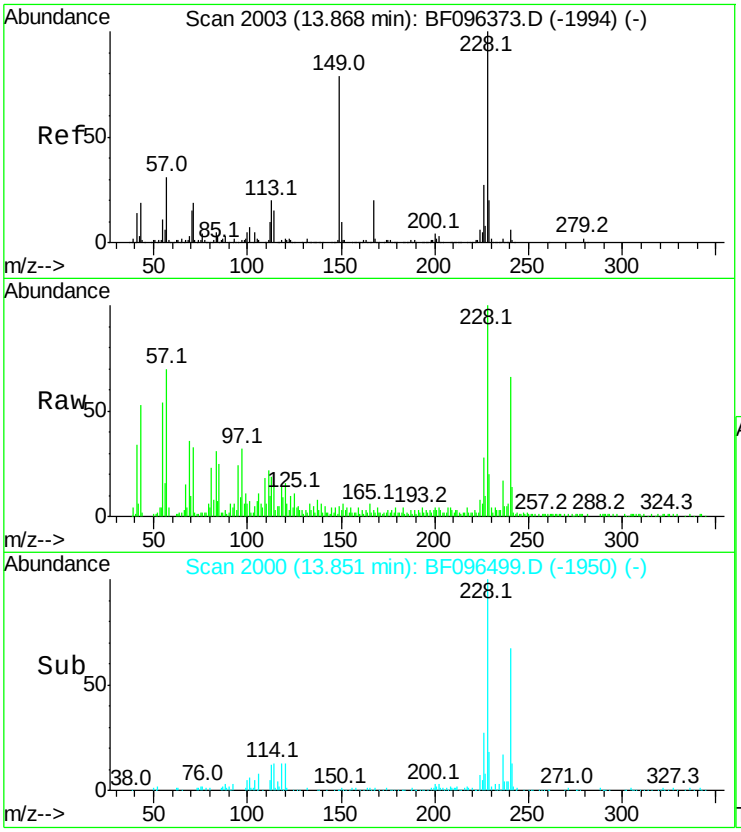


#78
Terphenyl-d14
Concen: 8.60 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF096499.D
Acq: 5 Jul 2017 23:12

Tgt Ion:244 Resp: 71233

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	17.6	10.3	15.5#



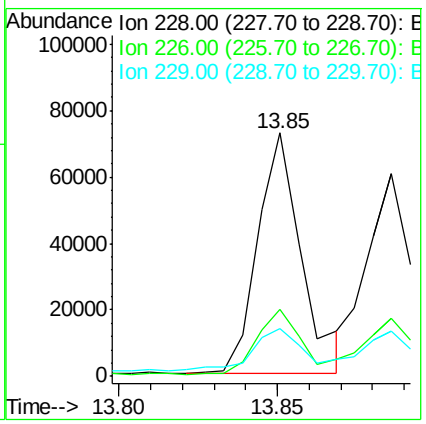


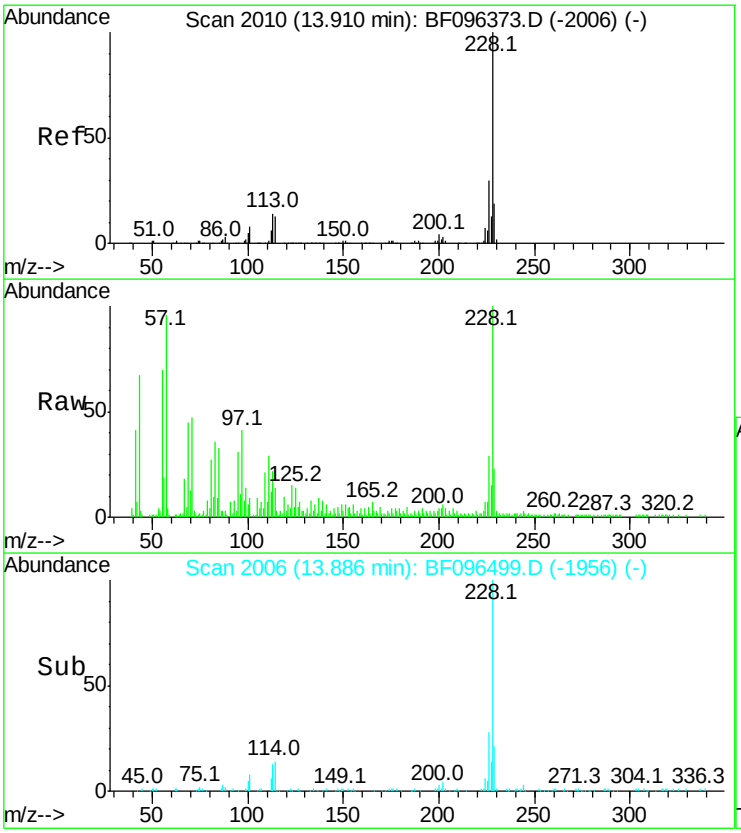
#80
Benzo(a)anthracene
Concen: 6.80 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF096499.D
Acq: 5 Jul 2017 23:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 69682

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.7	16.3	24.5

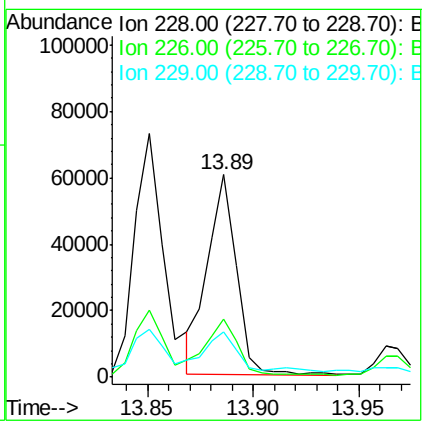


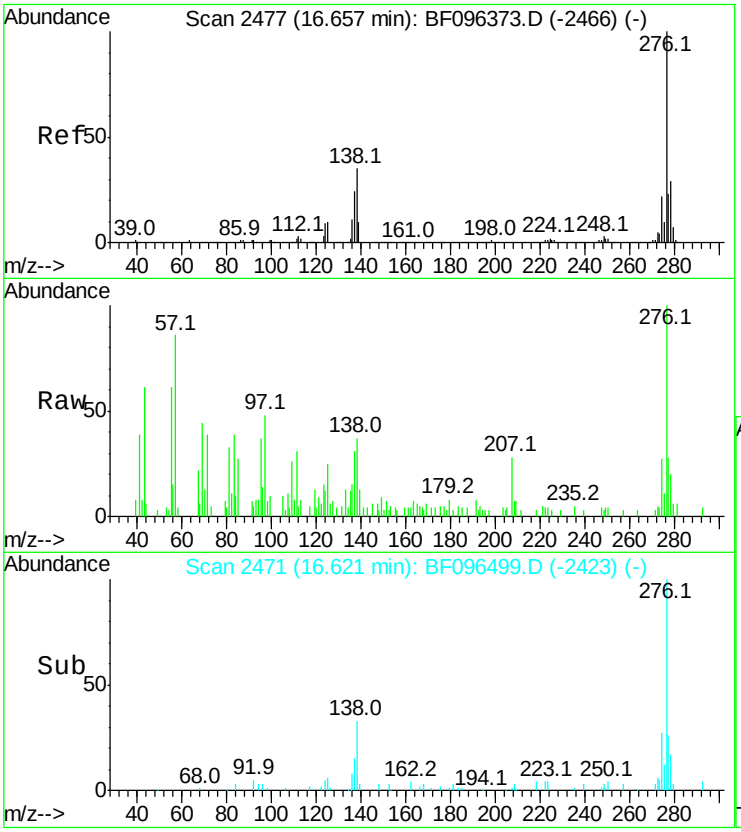


#82
Chrysene
Concen: 5.37 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF096499.D
Acq: 5 Jul 2017 23:12

Tgt Ion:228 Resp: 57630

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.9	37.3
229	22.6	15.8	23.6



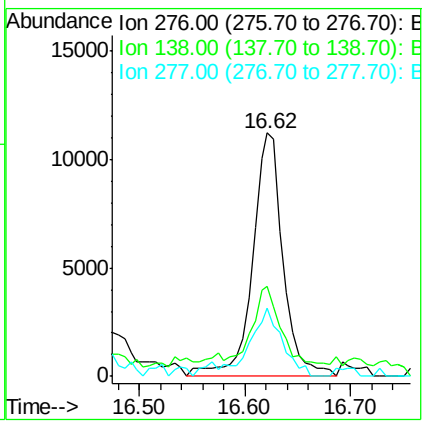


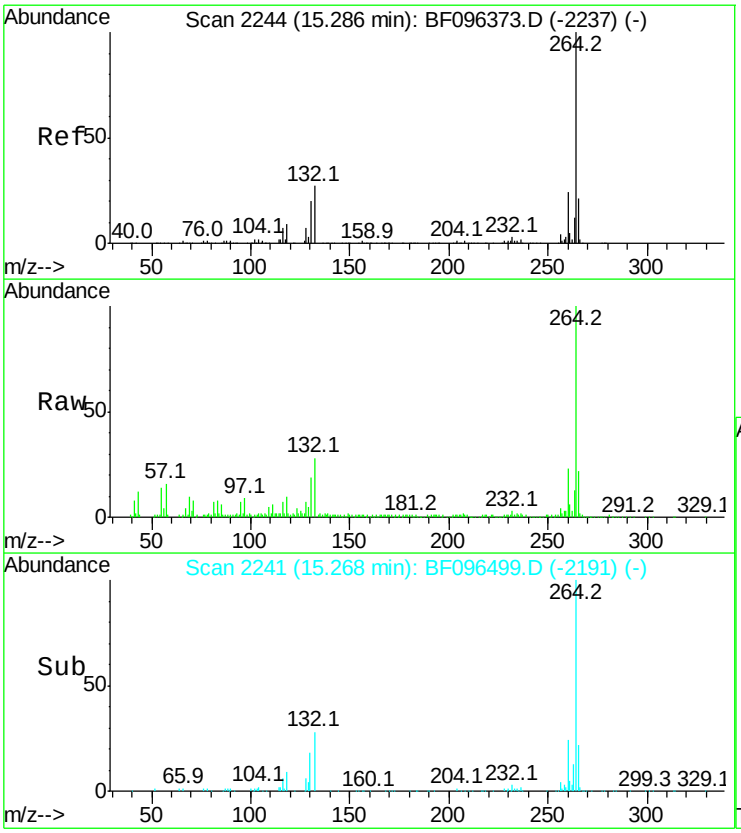
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.67 ng
RT: 16.62 min Scan# 2471
Delta R.T. -0.02 min
Lab File: BF096499.D
Acq: 5 Jul 2017 23:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 22601

Ion	Ratio	Lower	Upper
276	100		
138	27.9	27.8	41.6
277	27.6	20.2	30.4

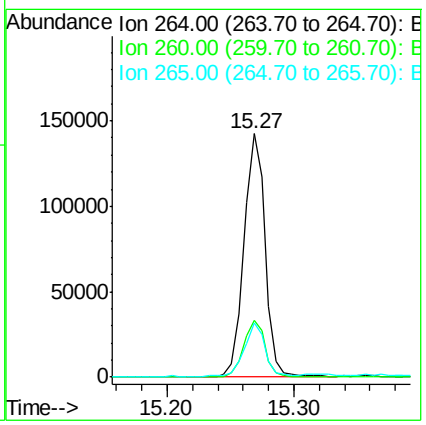


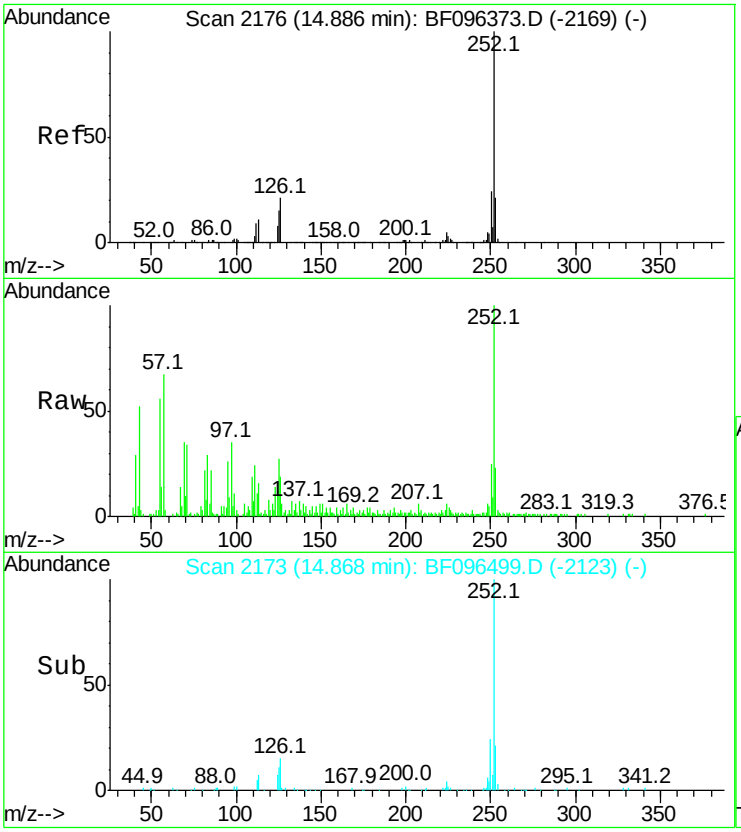


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF096499.D
Acq: 5 Jul 2017 23:12

Tgt Ion:264 Resp: 165773

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	22.4	17.2	25.8



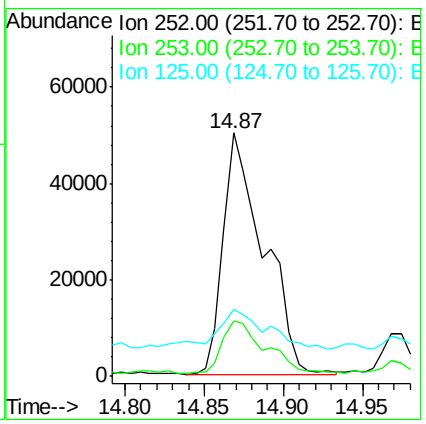


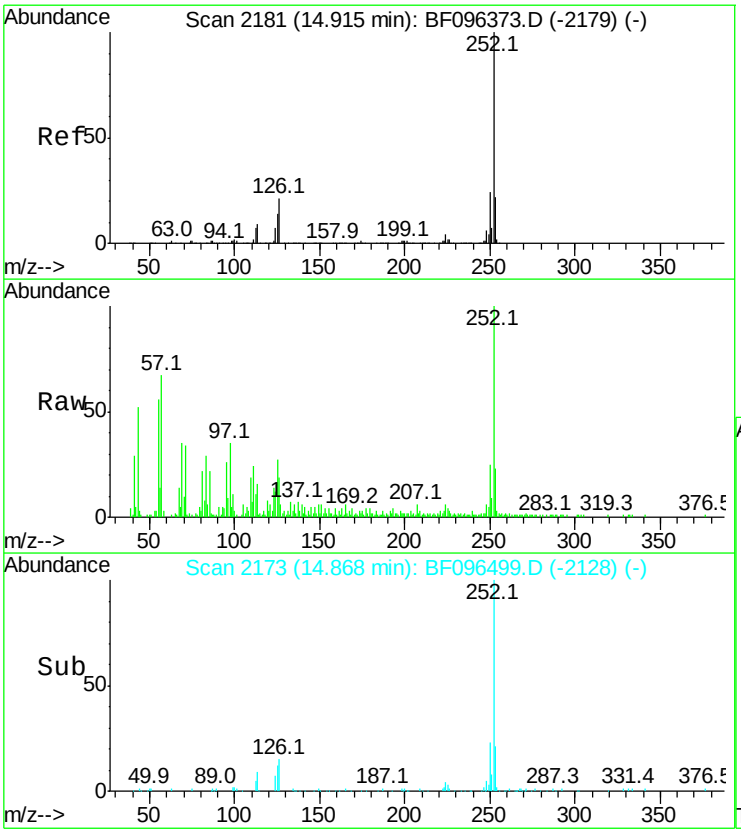
#87
Benzo(b)fluoranthene
Concen: 8.57 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF096499.D
Acq: 5 Jul 2017 23:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 89048

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	27.4	9.8	14.8#

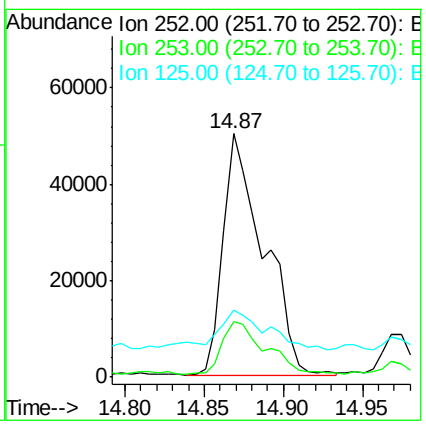


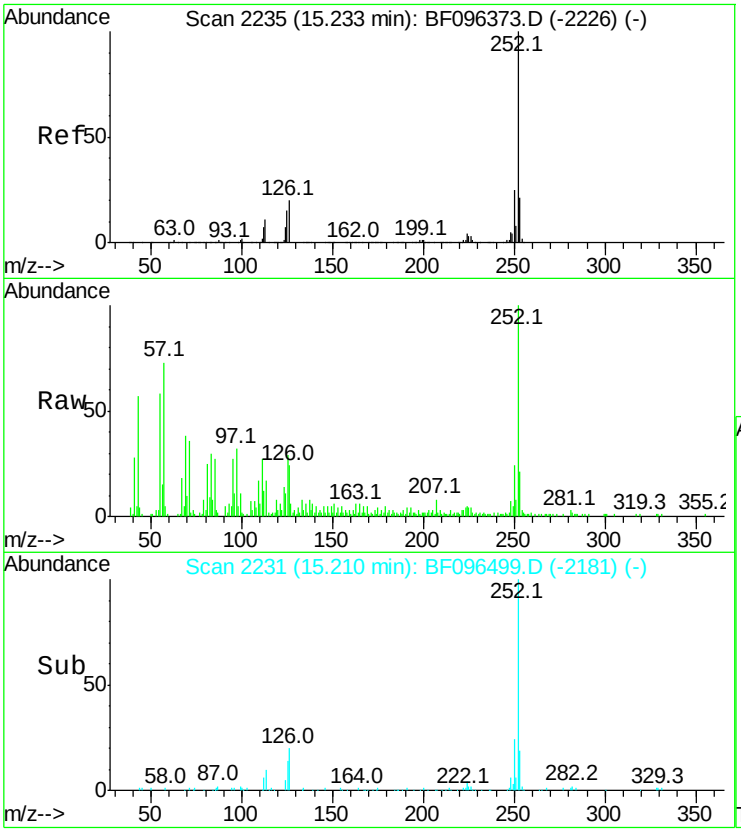


#88
Benzo(k)fluoranthene
Concen: 9.58 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.04 min
Lab File: BF096499.D
Acq: 5 Jul 2017 23:12

Tgt Ion:252 Resp: 89048

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	27.4	13.1	19.7#



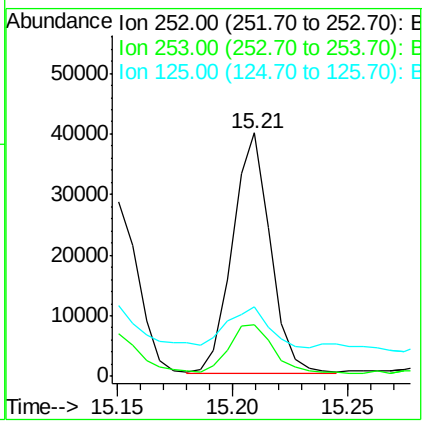


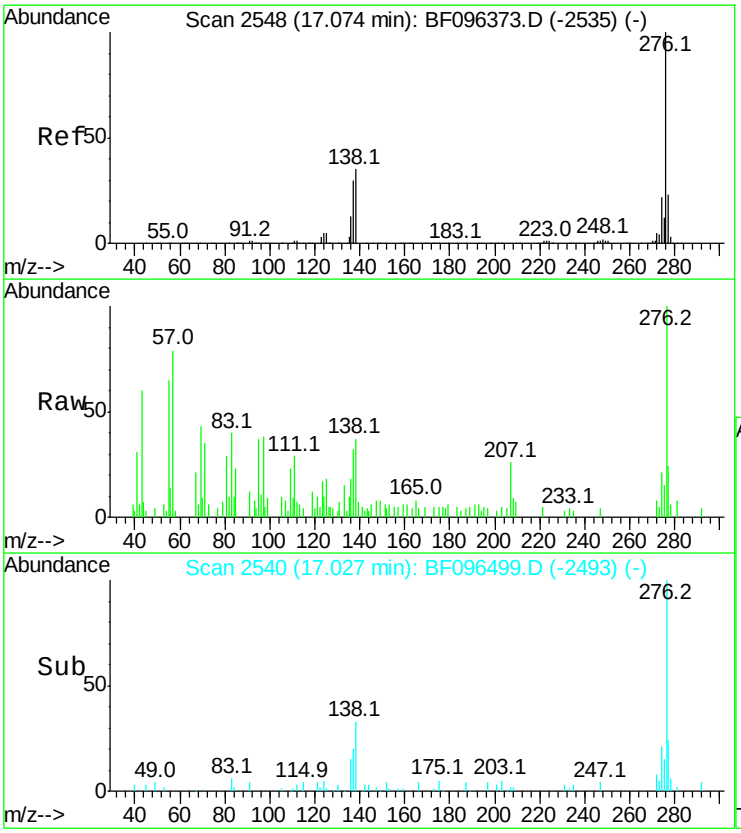
#89
Benzo(a)pyrene
Concen: 4.89 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF096499.D
Acq: 5 Jul 2017 23:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 45319

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.5	26.3
125	28.6	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 2.55 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BF096499.D
Acq: 5 Jul 2017 23:12

Tgt Ion:276 Resp: 19257

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	28.0
138	37.1	25.4	38.0