Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070717\
Data File : BF096578.D
Acq On : 8 Jul 2017 00:08
Operator : SJ/MA
Sample : I4070-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 08 01:05:36 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	6.70	152	117439	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	430732	20.00	ng		-0.01
38) Acenaphthene-d10	9.73	164	173367	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	241376	20.00	ng		0.00
75) Chrysene-d12	13.84	240	215423	20.00	ng		0.00
86) Perylene-d12	15.24	264	138967	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	827240	103.97	ng		0.00
7) Phenol-d6	6.34	99	985324	100.73	ng		0.00
23) Nitrobenzene-d5	7.26	82	584371	81.52	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	139587	103.08	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	837238	82.57	ng		0.00
78) Terphenyl-d14	12.81	244	519076	51.49	ng		0.01
Target Compounds							Qvalue
10) Phenol	6.35	94	31471	2.82	ng		82
19) n-Nitroso-di-n-propylamine	7.26	70	79850	13.70	ng	#	89
25) Isophorone	7.26	82	584366	42.05	ng	#	67
49) Dimethylphthalate	9.45	163	116839	9.03	ng		99
66) 4-Bromophenyl-phenylether	10.52	248	9380	3.99	ng	#	1
70) Phenanthrene	11.23	178	47505	3.64	ng		97
74) Fluoranthene	12.42	202	90127	7.05	ng		91
77) Pyrene	12.66	202	96799	5.60	ng		97
80) Benzo(a)anthracene	13.83	228	46485	3.73	ng		95
82) Chrysene	13.83	228	46485	3.56	ng		96
87) Benzo(b)fluoranthene	14.84	252	72373	8.31	ng	#	81
88) Benzo(k)fluoranthene	14.84	252	72373	9.29	ng	#	86
89) Benzo(a)pyrene	15.18	252	30200	3.88	ng	#	79
91) Benzo(g,h,i)perylene	16.99	276	18374	2.90	ng	#	85

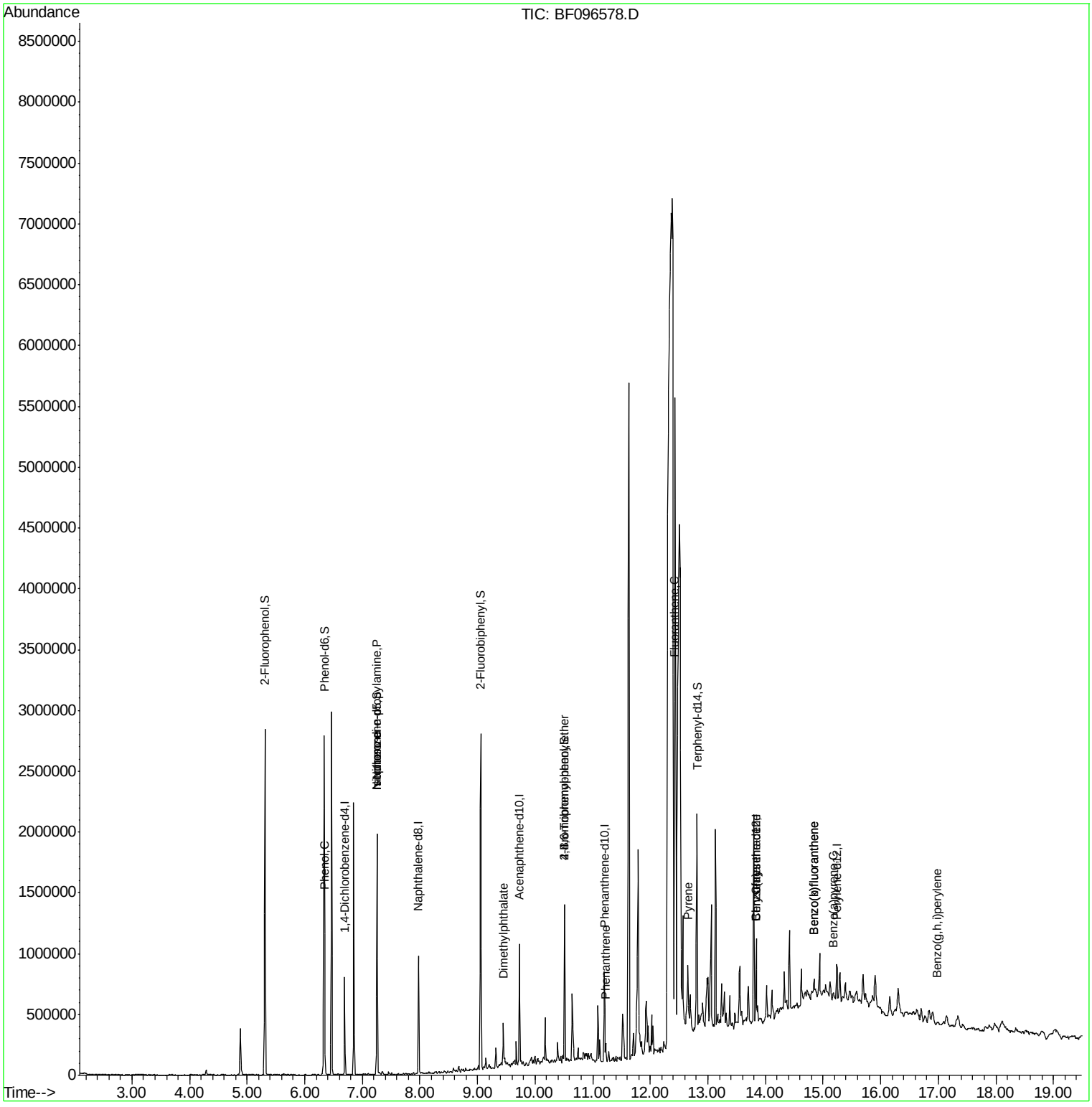
(#) = qualifier out of range (m) = manual integration (+) = signals summed

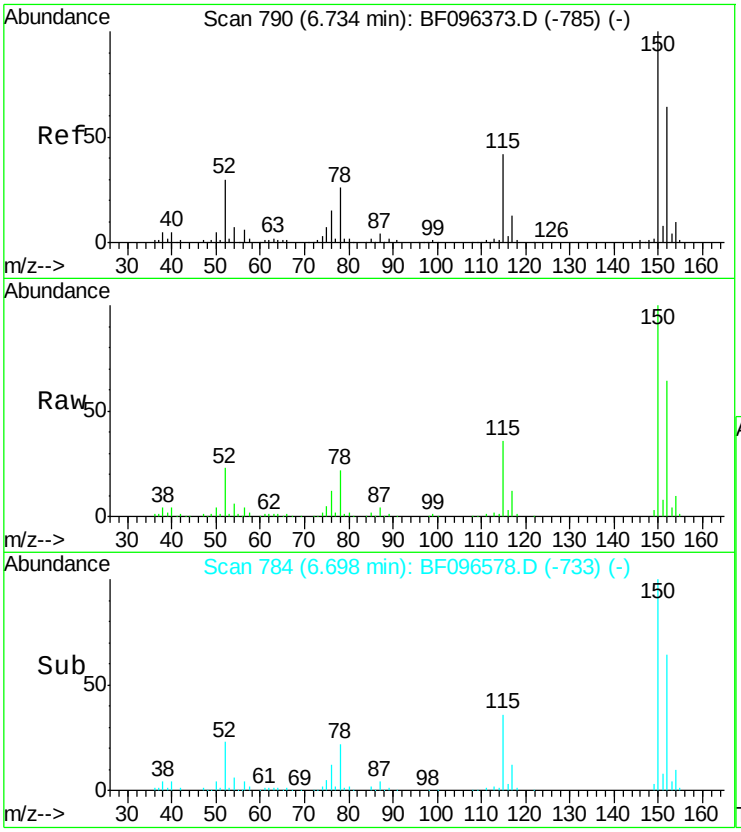
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070717\
Data File : BF096578.D
Acq On : 8 Jul 2017 00:08
Operator : SJ/MA
Sample : I4070-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 08 01:05:36 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



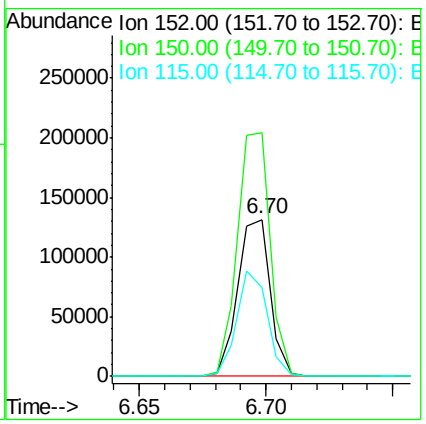


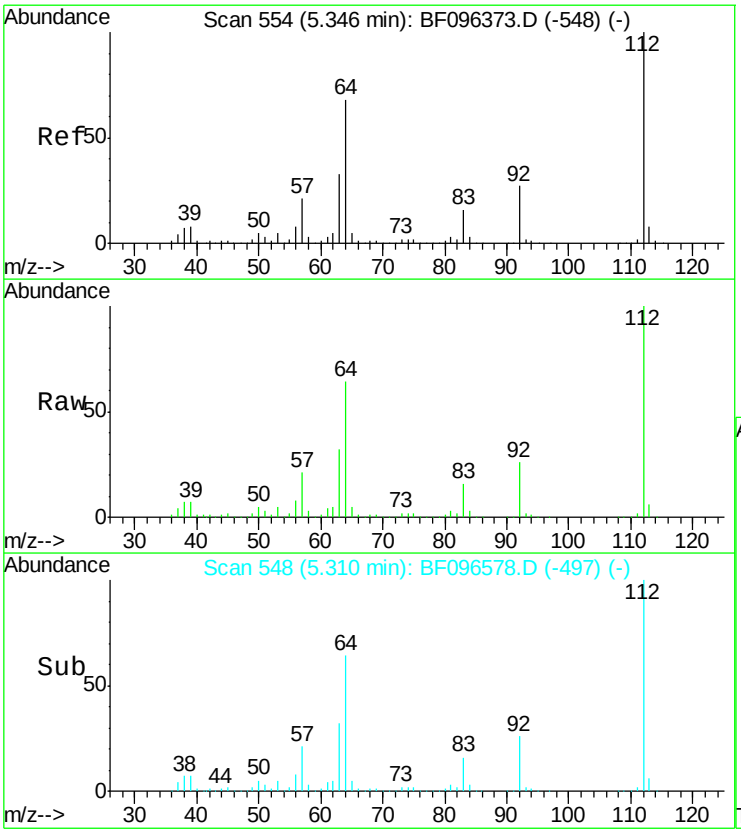
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 117439

Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.2	189.2
115	56.5	52.2	78.2

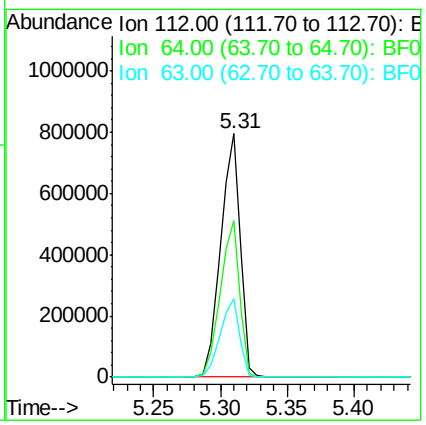


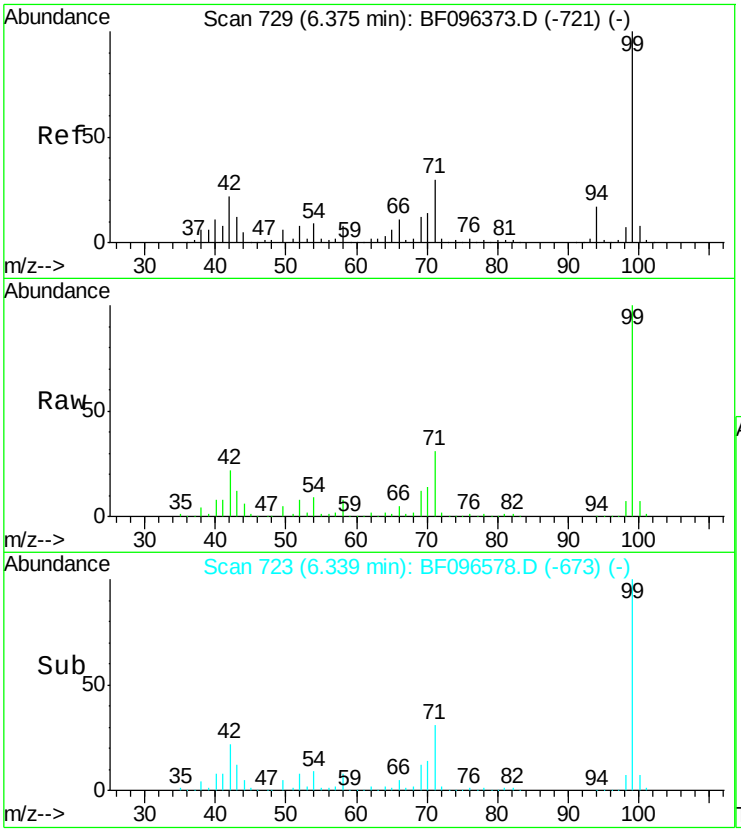


#5
2-Fluorophenol
Concen: 103.97 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Tgt Ion:112 Resp: 827240

Ion	Ratio	Lower	Upper
112	100		
64	64.4	46.0	69.0
63	32.1	23.4	35.0



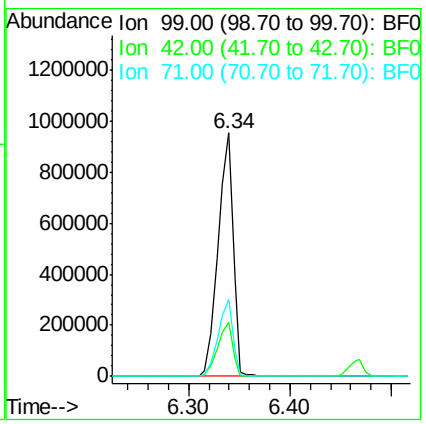


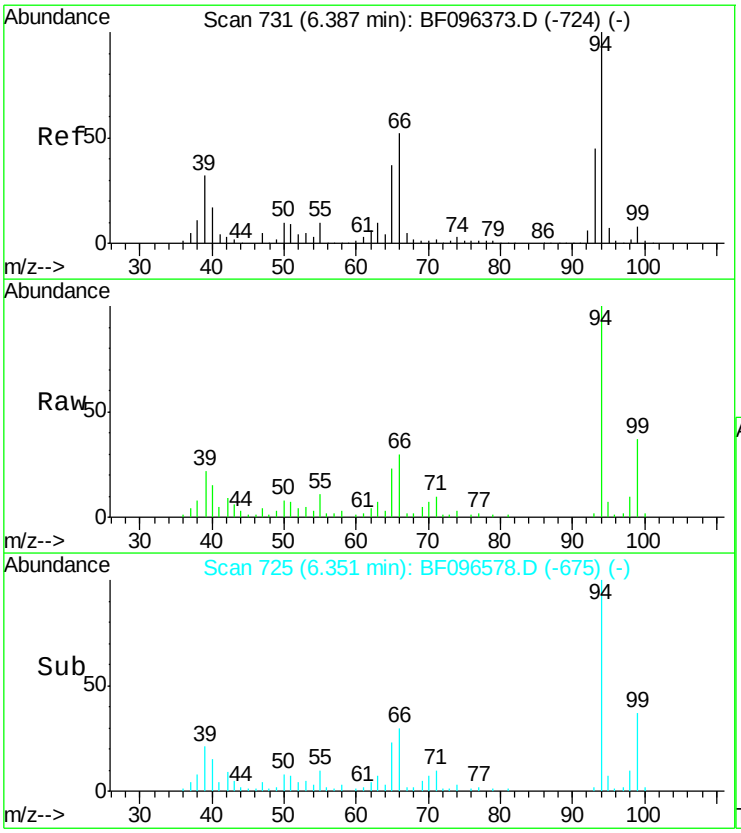
#7
Phenol-d6
Concen: 100.73 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 985324

Ion	Ratio	Lower	Upper
99	100		
42	22.3	13.5	20.3#
71	31.5	24.5	36.7

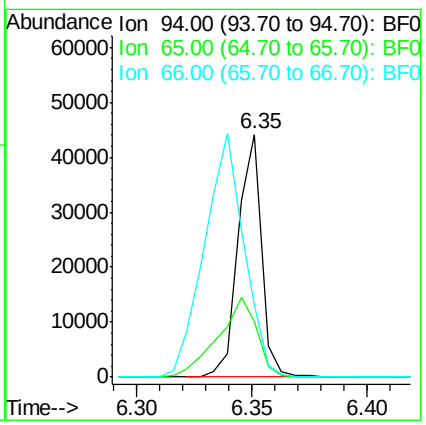


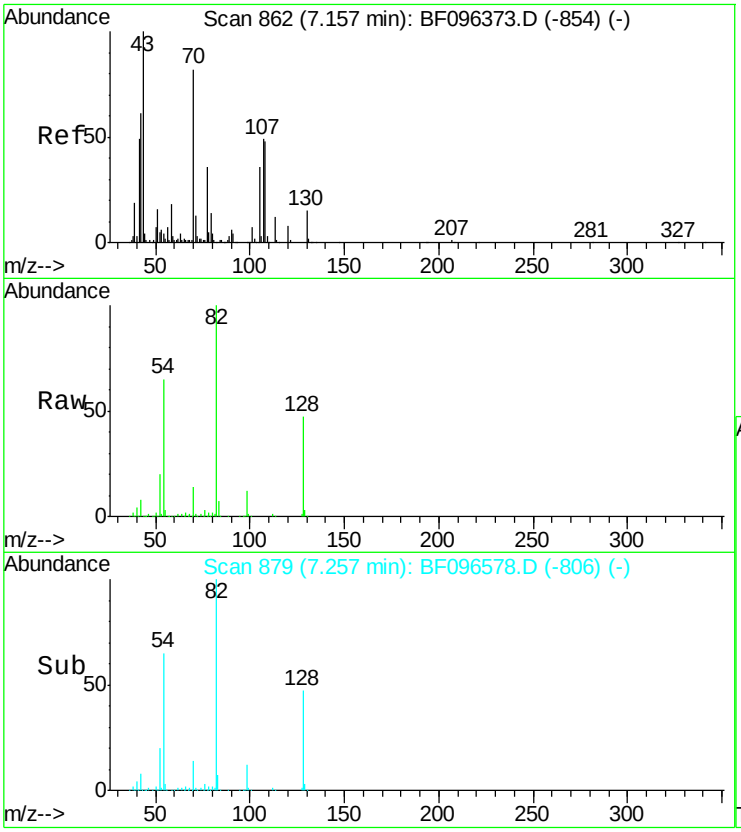


#10
Phenol
Concen: 2.82 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Tgt Ion: 94 Resp: 31471

Ion	Ratio	Lower	Upper
94	100		
65	22.7	9.9	49.9
66	29.9	23.1	63.1



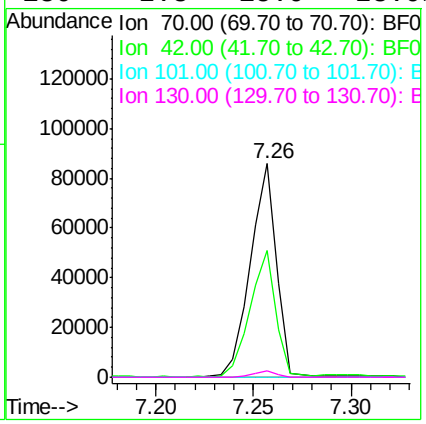


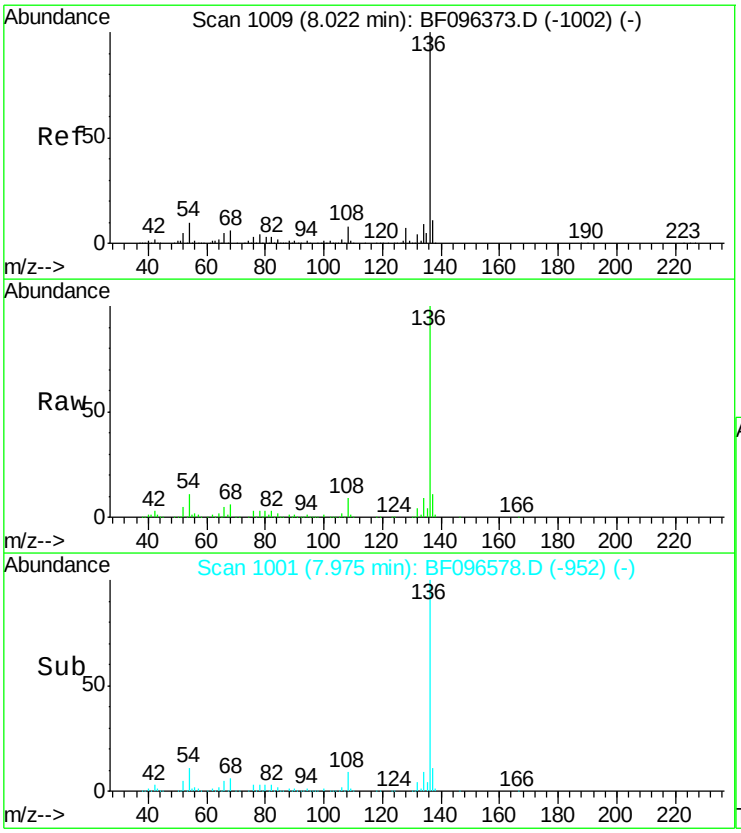
#19
n-Nitroso-di-n-propylamine
Concen: 13.70 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.13 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 79850

Ion	Ratio	Lower	Upper
70	100		
42	59.4	47.2	70.8
101	0.0	7.2	10.8#
130	2.8	15.9	23.9#

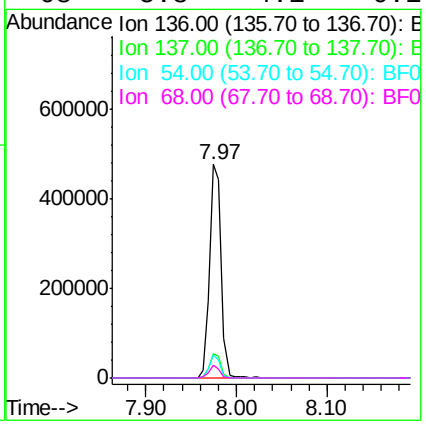


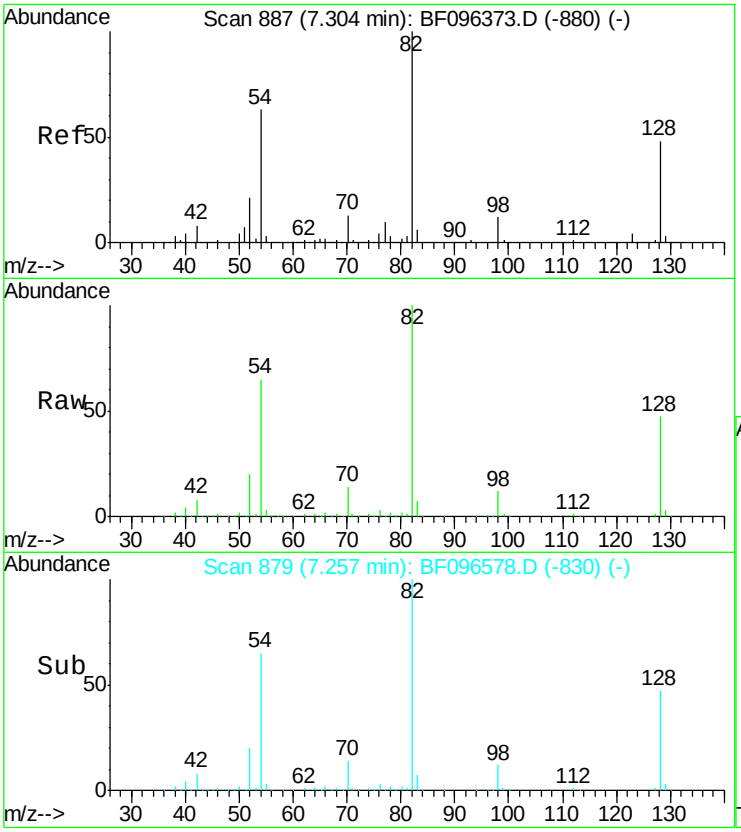


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Tgt Ion:136 Resp: 430732

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	10.7	4.9	7.3#
68	5.8	4.1	6.1



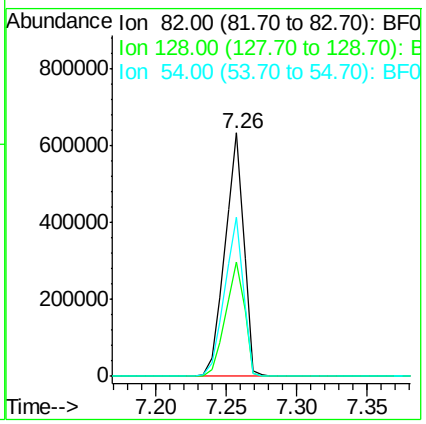


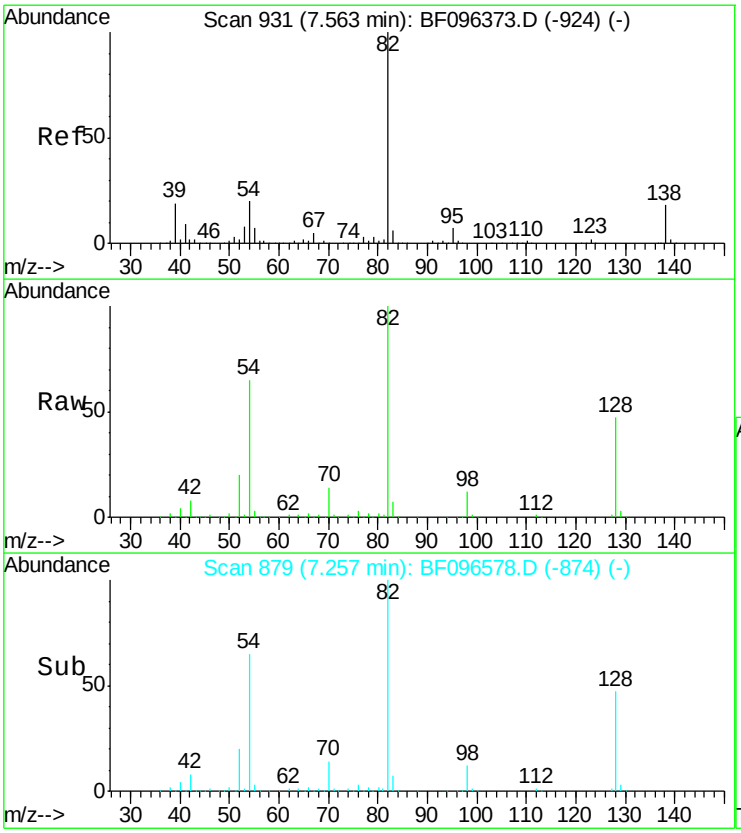
#23
Nitrobenzene-d5
Concen: 81.52 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 584371

Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.0	51.0
54	65.2	42.2	63.2#

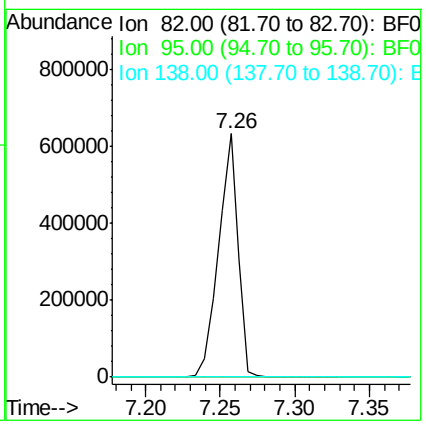


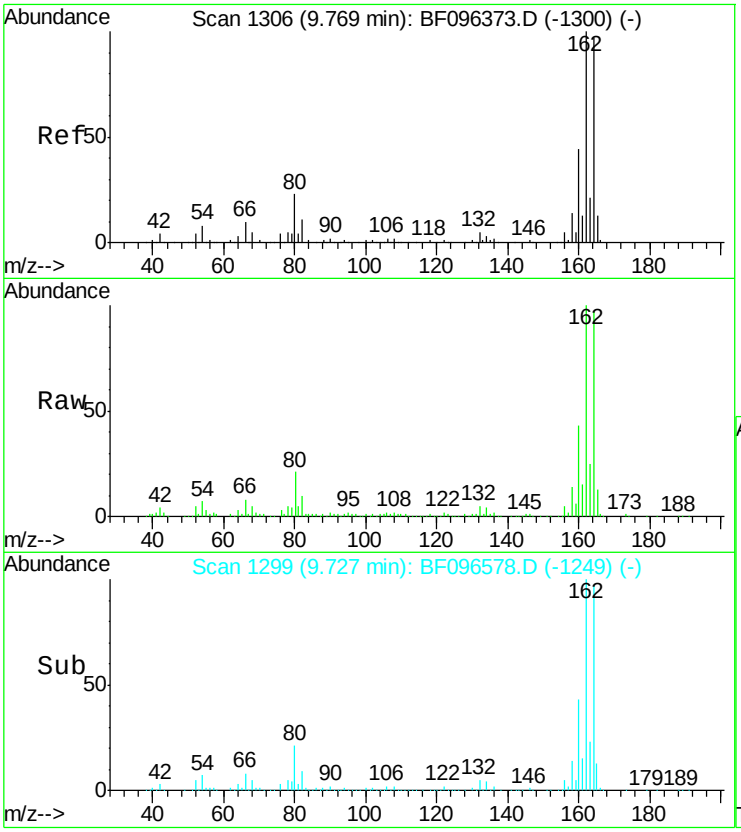


#25
Isophorone
Concen: 42.05 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.27 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Tgt Ion: 82 Resp: 584366

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



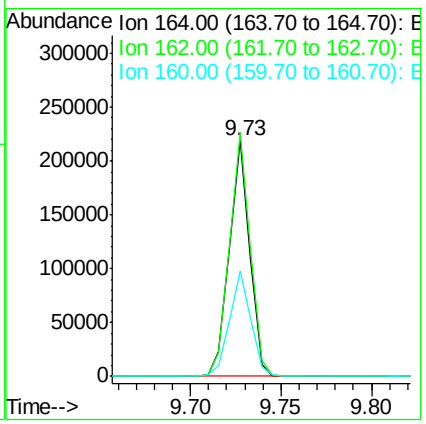


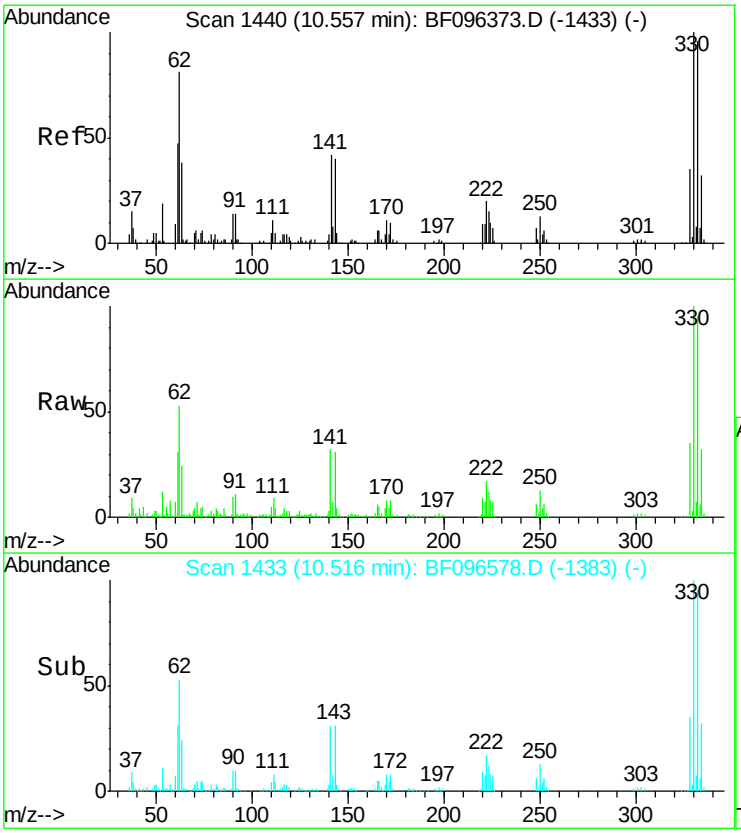
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 173367

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	44.6	36.2	54.2

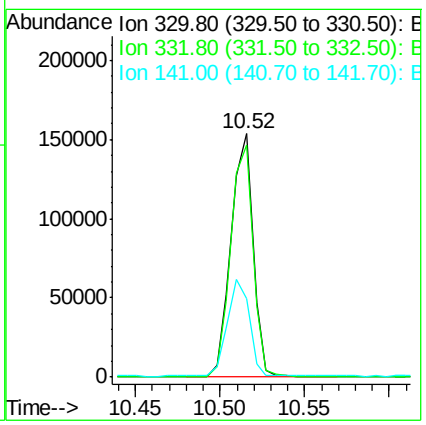


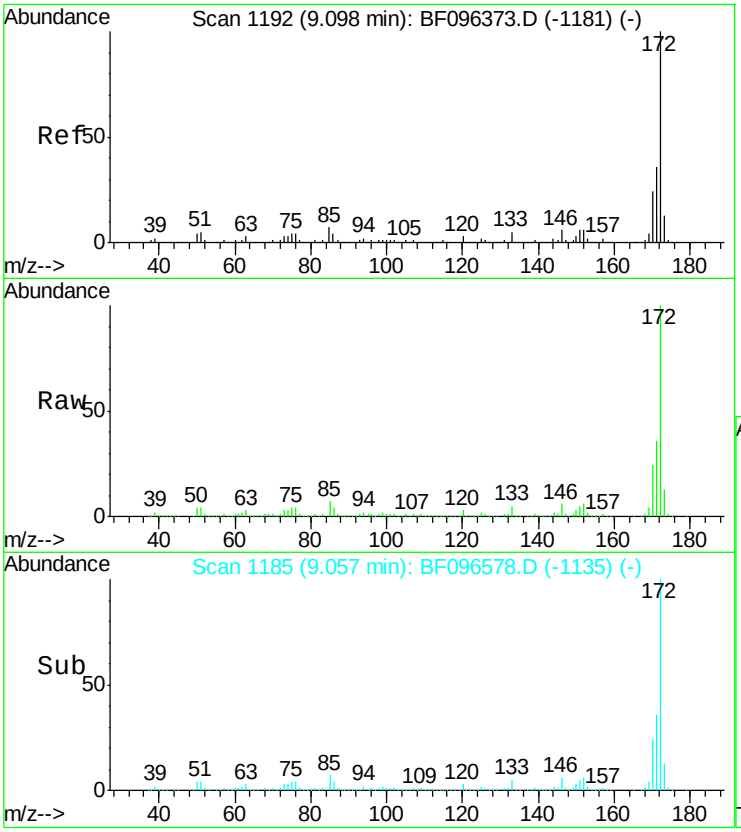


#41
2,4,6-Tribromophenol
Concen: 103.08 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Tgt Ion:330 Resp: 139587

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	39.8	31.4	47.2



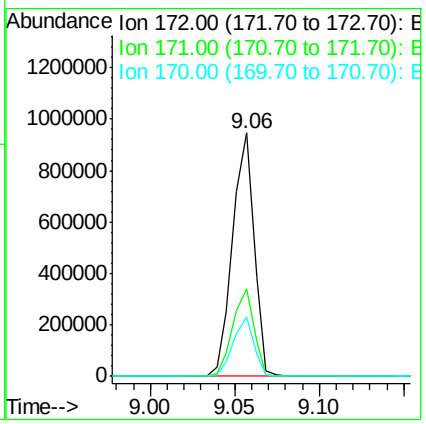


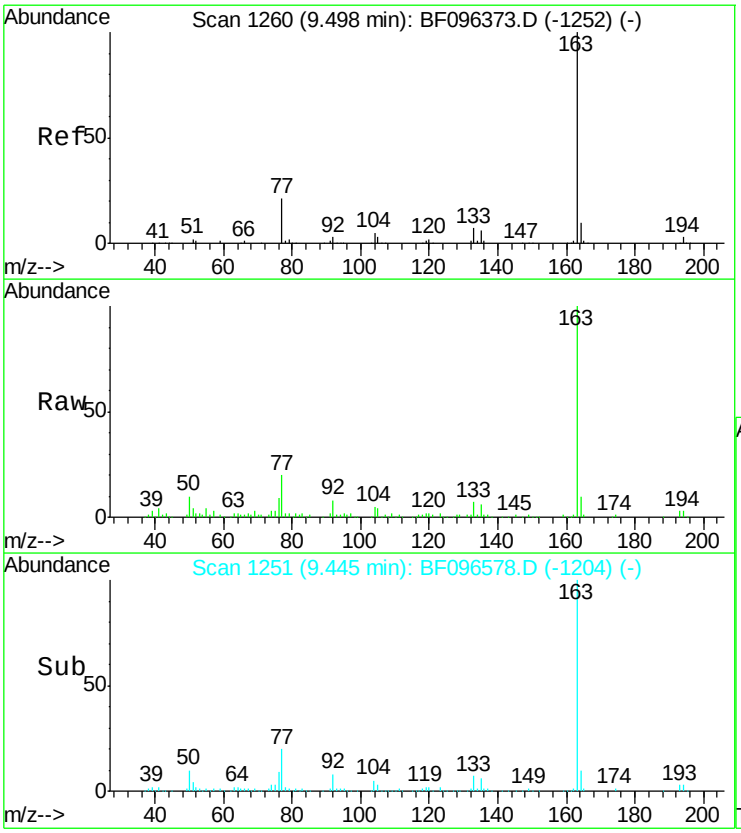
#44
2-Fluorobiphenyl
Concen: 82.57 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 837238

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.1	19.8	29.8

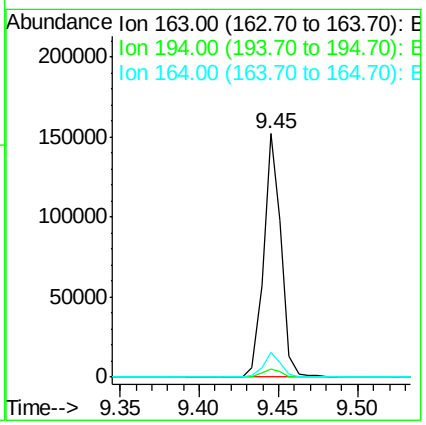


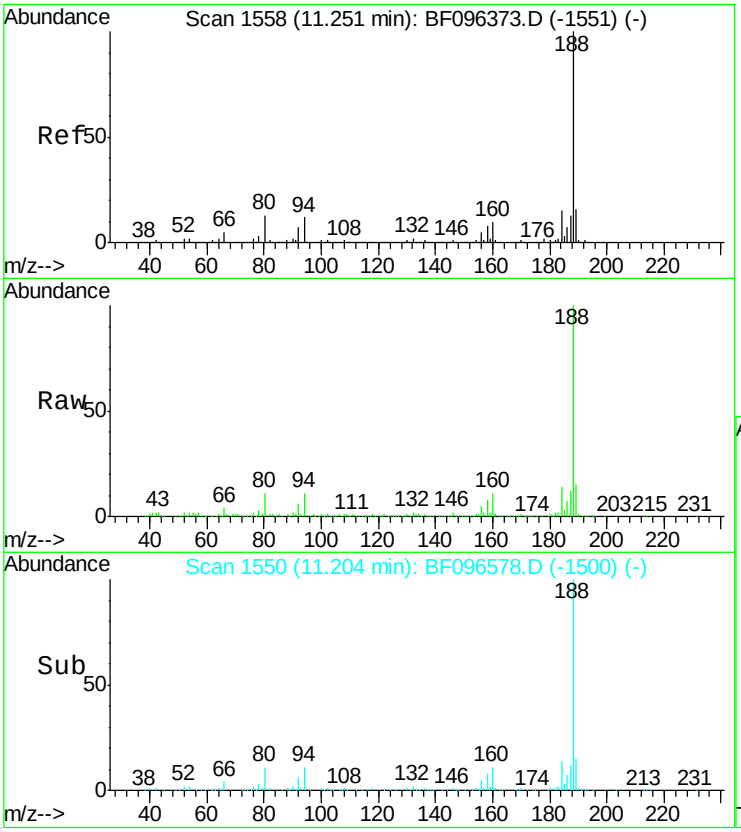


#49
Dimethylphthalate
Concen: 9.03 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Tgt Ion:163 Resp: 116839

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.1	8.4	12.6



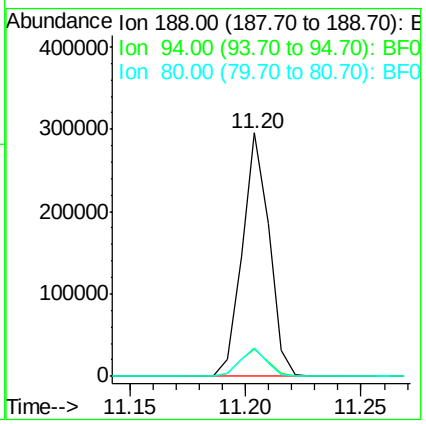


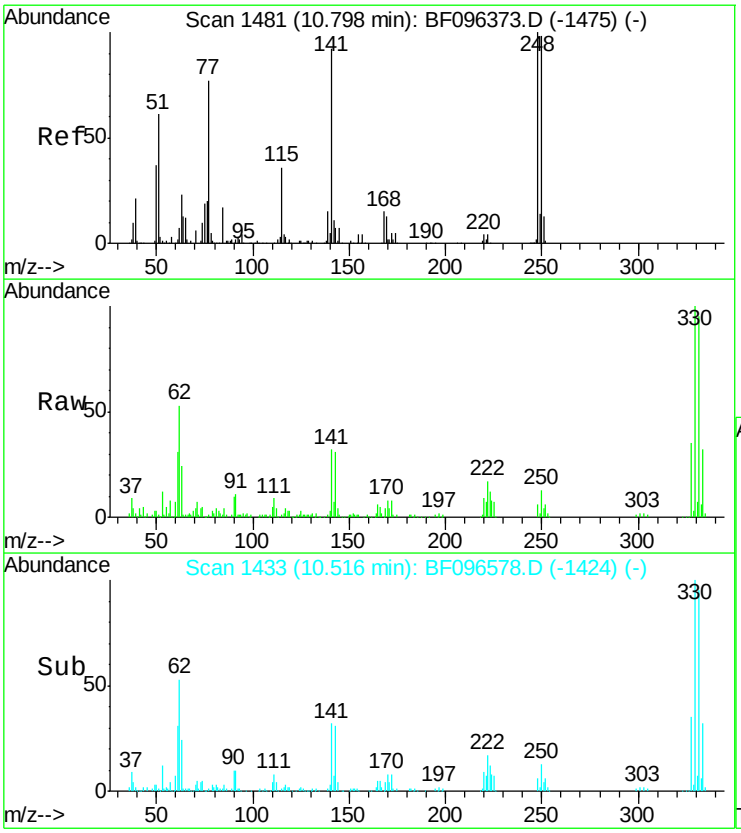
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 241376

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.4	14.2
80	11.5	10.2	15.2

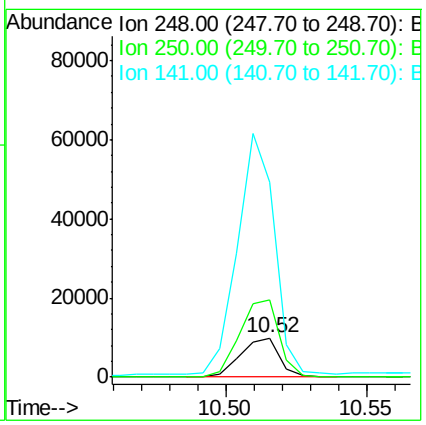


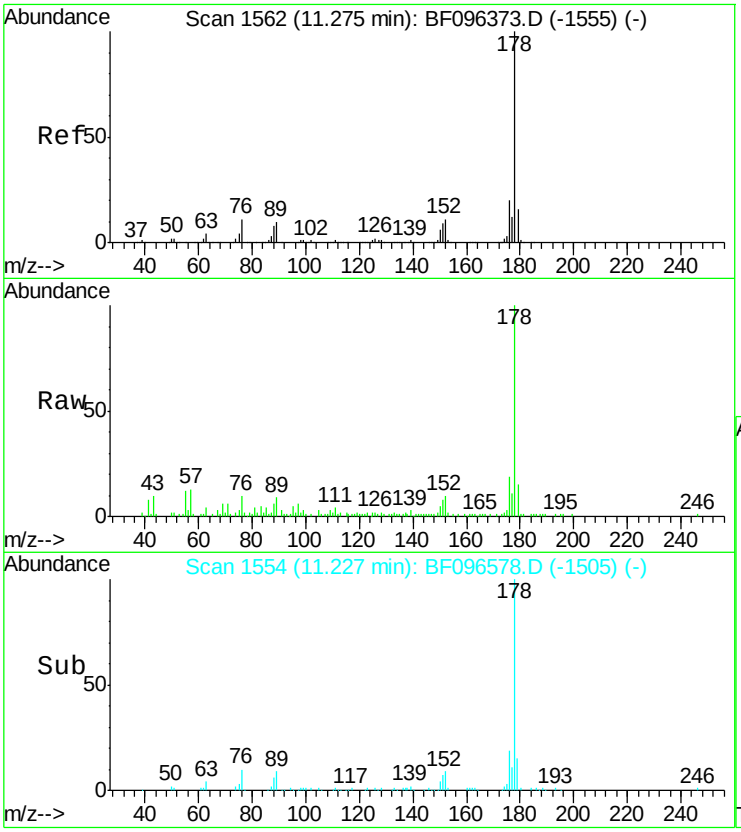


#66
4-Bromophenyl-phenylether
Concen: 3.99 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Tgt Ion:248 Resp: 9380

Ion	Ratio	Lower	Upper
248	100		
250	198.5	76.8	115.2#
141	501.7	68.6	103.0#



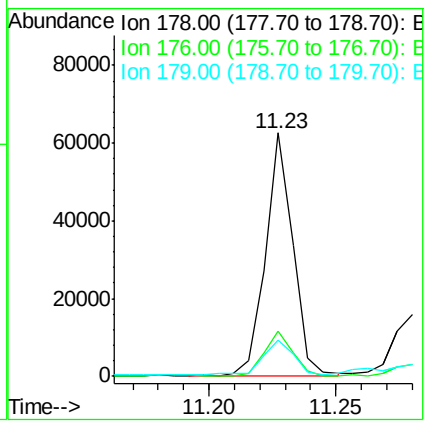


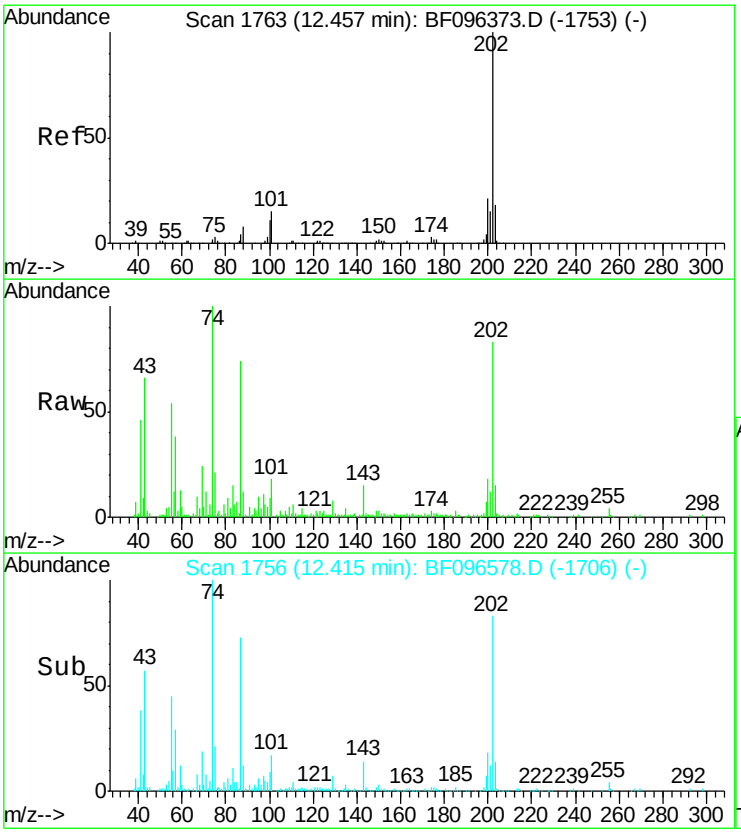
#70
Phenanthrene
Concen: 3.64 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 47505

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	15.1	12.6	19.0

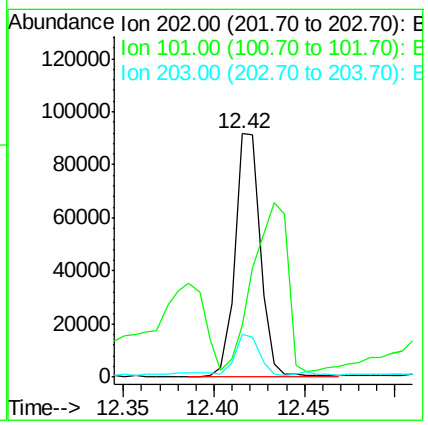


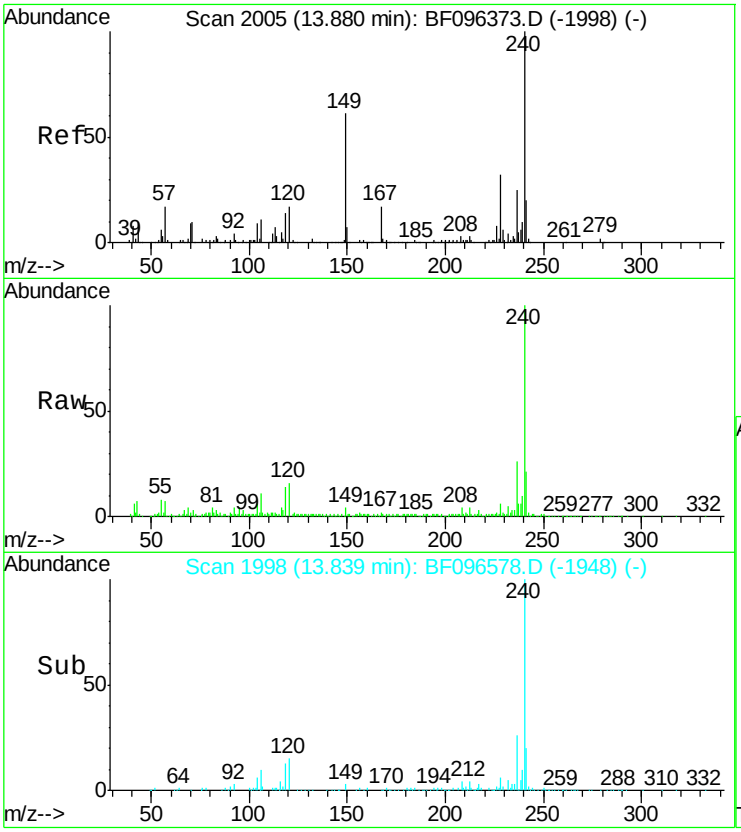


#74
Fluoranthene
Concen: 7.05 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Tgt Ion:202 Resp: 90127

Ion	Ratio	Lower	Upper
202	100		
101	21.4	0.0	33.2
203	17.7	0.0	38.1



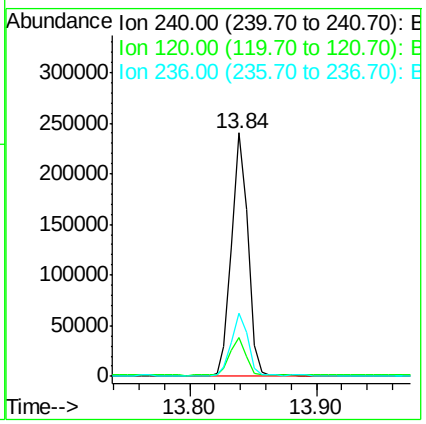


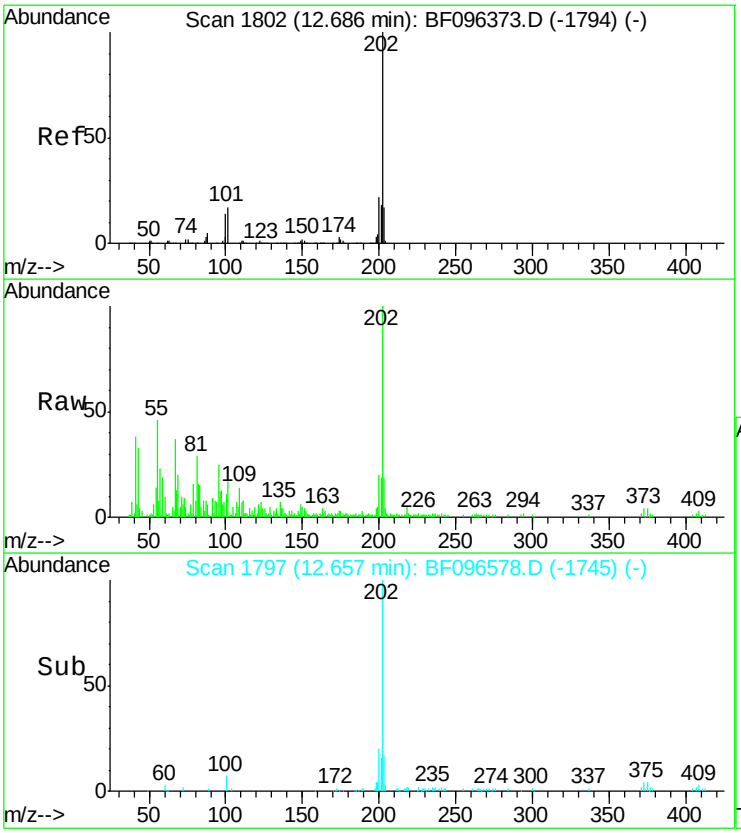
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 215423

Ion	Ratio	Lower	Upper
240	100		
120	16.0	5.8	8.8#
236	26.0	20.5	30.7

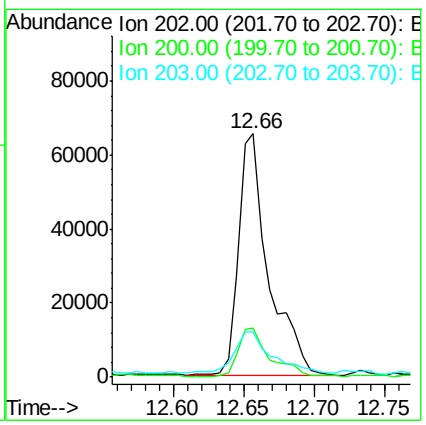


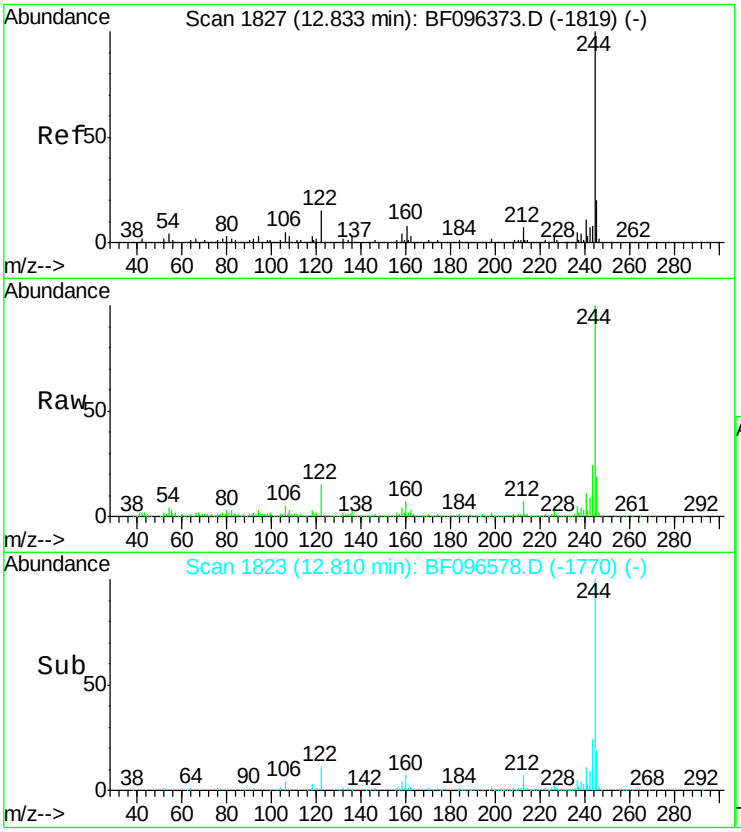


#77
Pyrene
Concen: 5.60 ng
RT: 12.66 min Scan# 1797
Delta R.T. 0.01 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Tgt Ion:202 Resp: 96799

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.6	26.4
203	18.8	14.4	21.6



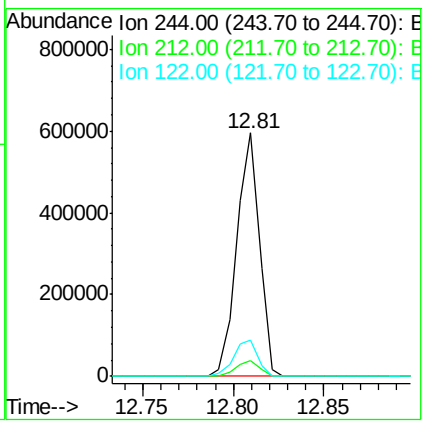


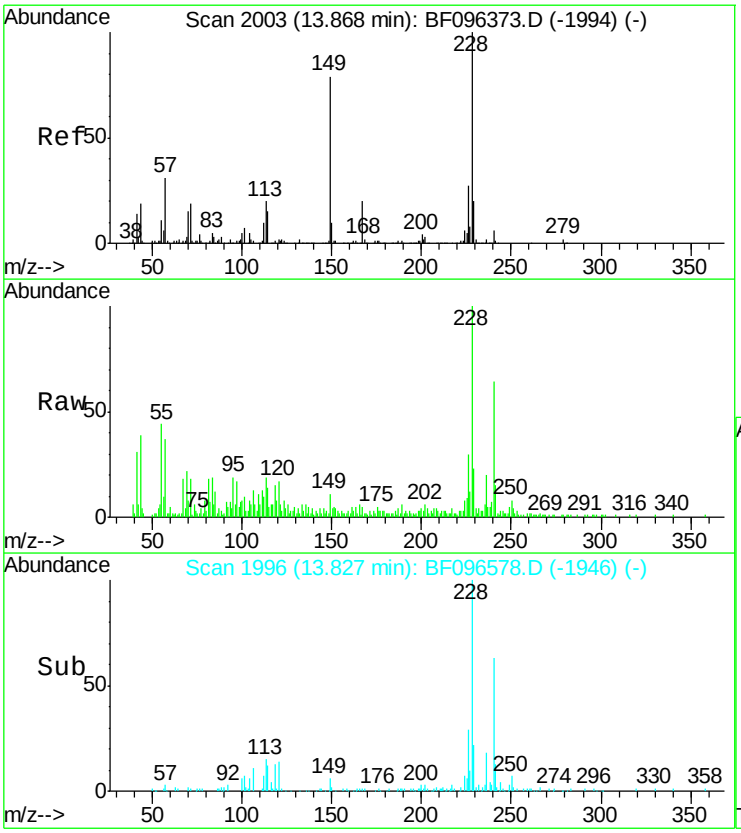
#78
Terphenyl-d14
Concen: 51.49 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 519076

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	14.6	10.3	15.5

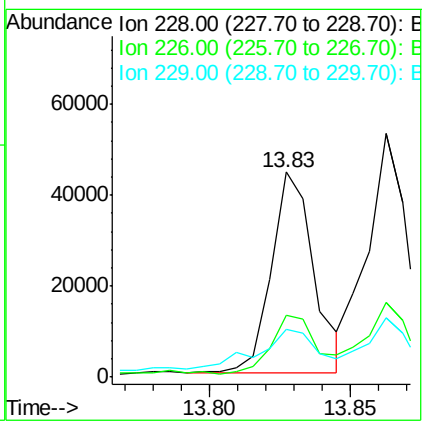


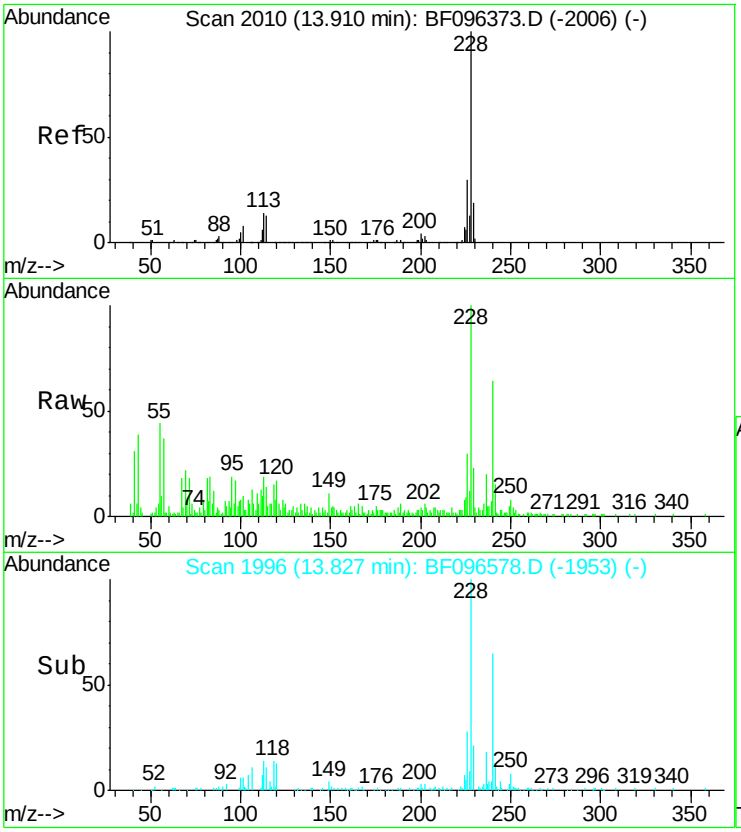


#80
Benzo(a)anthracene
Concen: 3.73 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Tgt Ion:228 Resp: 46485

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	23.5	16.3	24.5



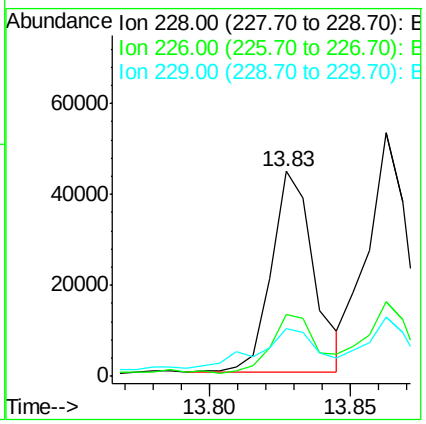


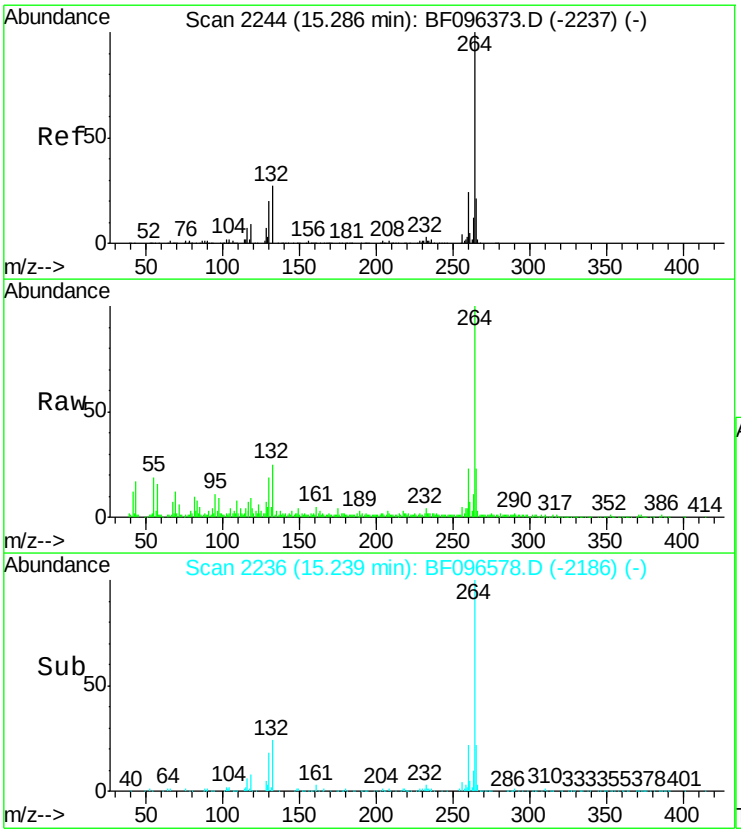
#82
Chrysene
Concen: 3.56 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.05 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 46485

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	23.5	15.8	23.6

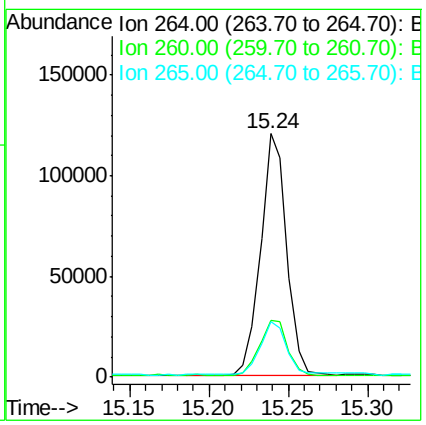


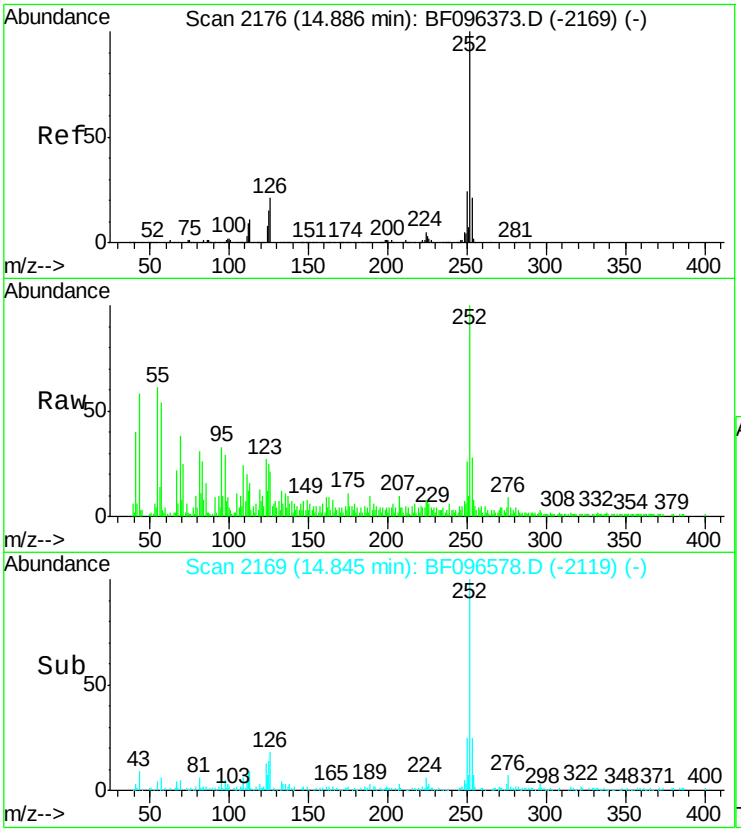


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Tgt Ion:264 Resp: 138967

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	22.6	17.2	25.8



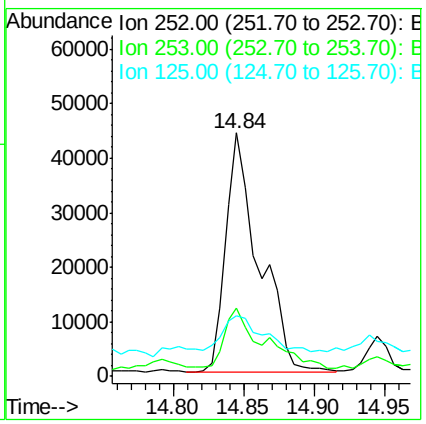


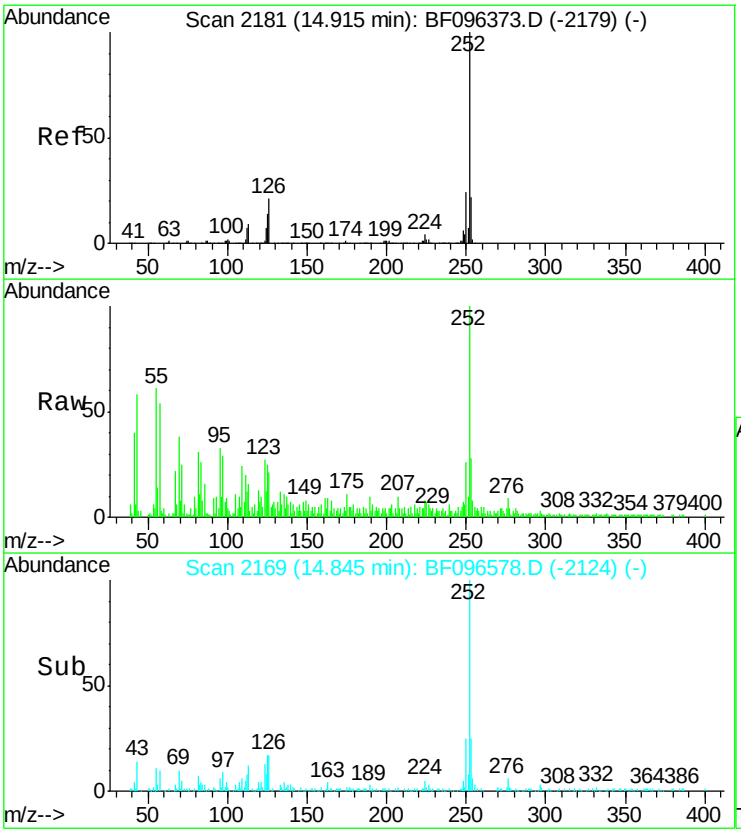
#87
Benzo(b)fluoranthene
Concen: 8.31 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 72373

Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.1	27.1#
125	25.1	9.8	14.8#

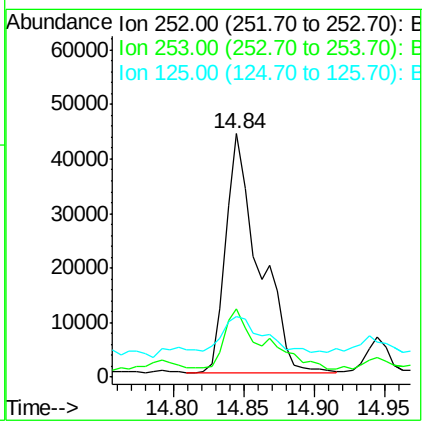


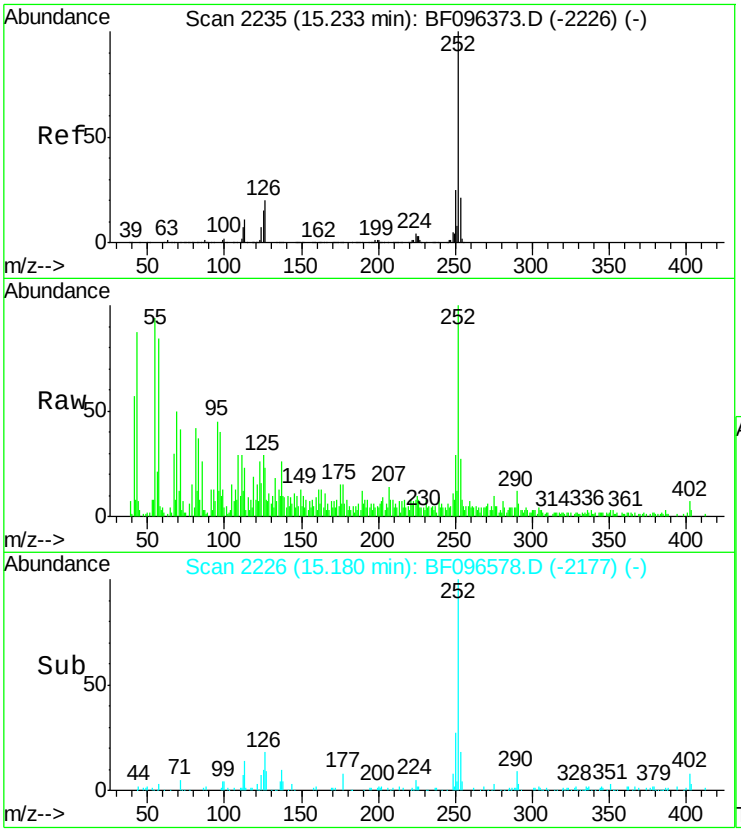


#88
Benzo(k)fluoranthene
Concen: 9.29 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.04 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Tgt Ion:252 Resp: 72373

Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.4	27.6#
125	25.1	13.1	19.7#



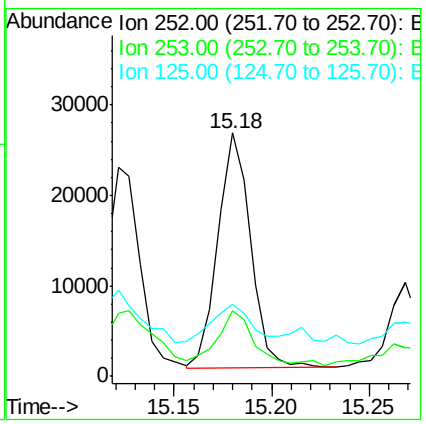


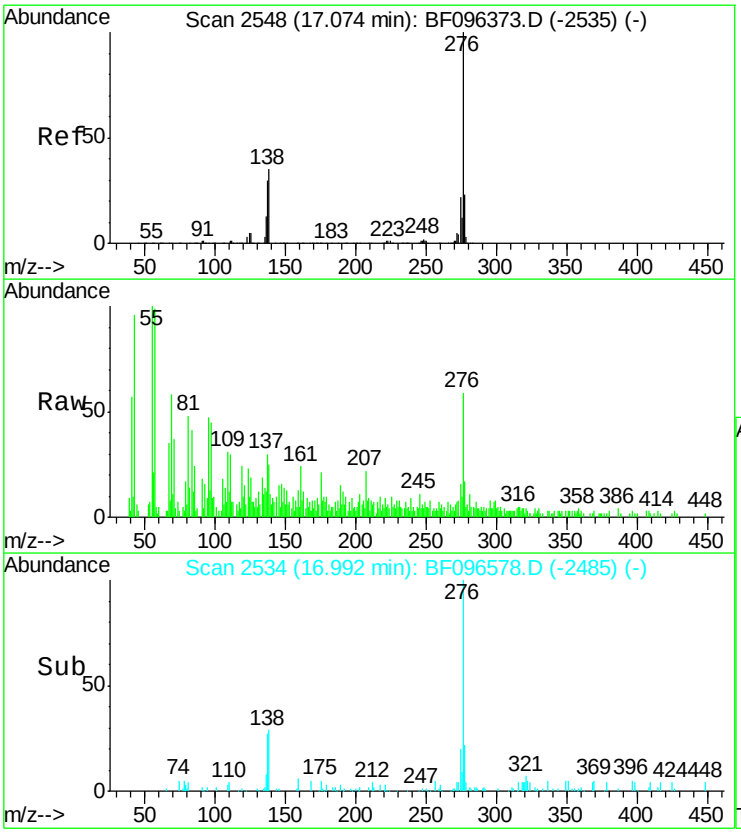
#89
Benzo(a)pyrene
Concen: 3.88 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 30200

Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.5	26.3#
125	29.4	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 2.90 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF096578.D
Acq: 8 Jul 2017 00:08

Tgt Ion:276 Resp: 18374

Ion	Ratio	Lower	Upper
276	100		
277	28.2	18.6	28.0#
138	42.1	25.4	38.0#