Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070617\
Data File : BF096546.D
Acq On : 6 Jul 2017 21:10
Operator : SJ/MA
Sample : I3972-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 07 01:24:38 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	6.72	152	121822	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	510737	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	178453	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	277796	20.00	ng		0.00
75) Chrysene-d12	13.86	240	239778	20.00	ng		0.00
86) Perylene-d12	15.27	264	203554	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	869136	105.30	ng		0.01
7) Phenol-d6	6.36	99	1034367	101.94	ng		0.00
23) Nitrobenzene-d5	7.27	82	596126	70.14	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	142934	102.54	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	840929	80.57	ng		0.00
78) Terphenyl-d14	12.82	244	577575	51.47	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.37	94	39391	3.41	ng		85
19) n-Nitroso-di-n-propylamine	7.27	70	78584	13.00	ng	#	88
25) Isophorone	7.27	82	593654	36.02	ng	#	67
49) Dimethylphthalate	9.47	163	152847	11.47	ng		98
56) 2,4-Dinitrotoluene	9.75	165	23629	6.33	ng	#	32
66) 4-Bromophenyl-phenylether	10.54	248	9200	3.40	ng	#	1
70) Phenanthrene	11.25	178	99249	6.61	ng		99
74) Fluoranthene	12.44	202	173298	11.77	ng		98
77) Pyrene	12.67	202	160901	8.36	ng		98
80) Benzo(a)anthracene	13.85	228	65177	4.69	ng		99
82) Chrysene	13.89	228	58898	4.05	ng		96
87) Benzo(b)fluoranthene	14.87	252	92840	7.28	ng	#	95
88) Benzo(k)fluoranthene	14.87	252	92840	8.14	ng		98
89) Benzo(a)pyrene	15.22	252	50412	4.43	ng		99
91) Benzo(g,h,i)perylene	17.04	276	20220	2.18	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070617\
Data File : BF096546.D
Acq On : 6 Jul 2017 21:10
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Misc :
ALS Vial : 25 Sample Multiplier: 1

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QLast Update : Wed Jul 05 13:27:10 2017
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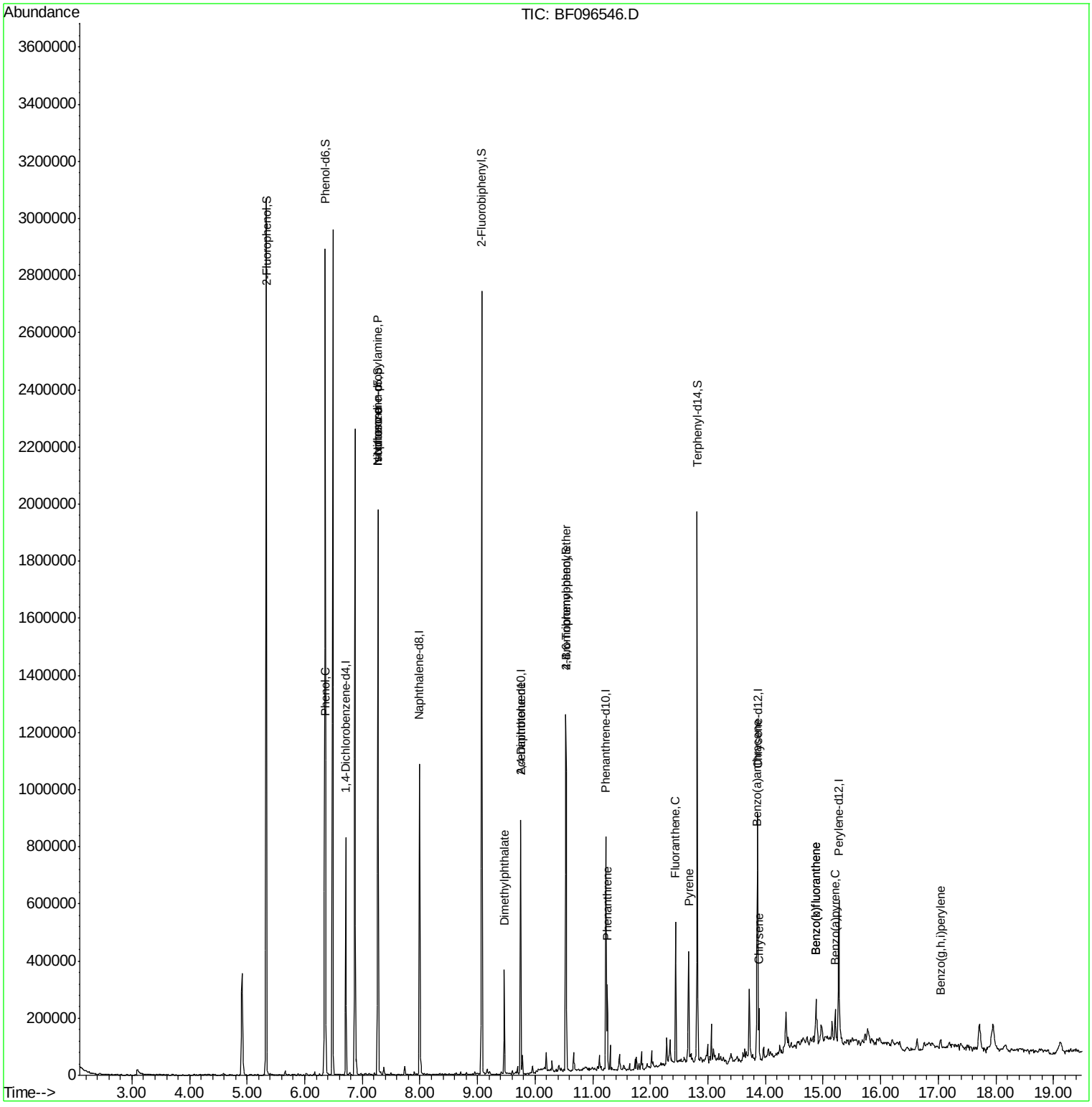
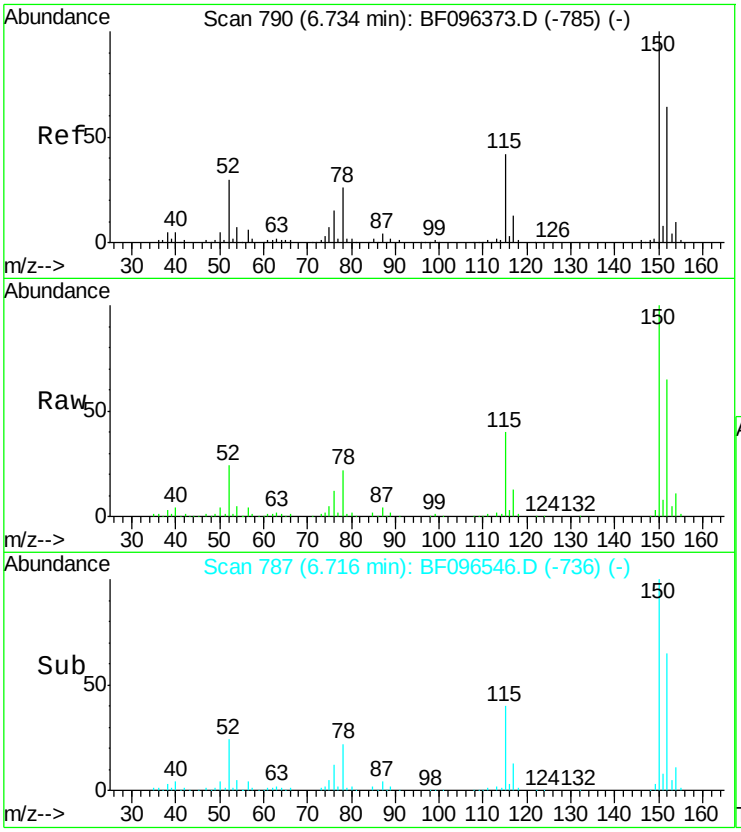


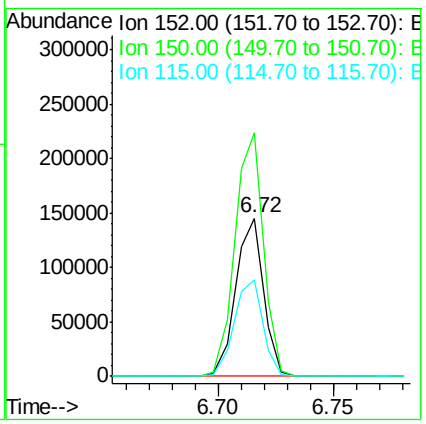


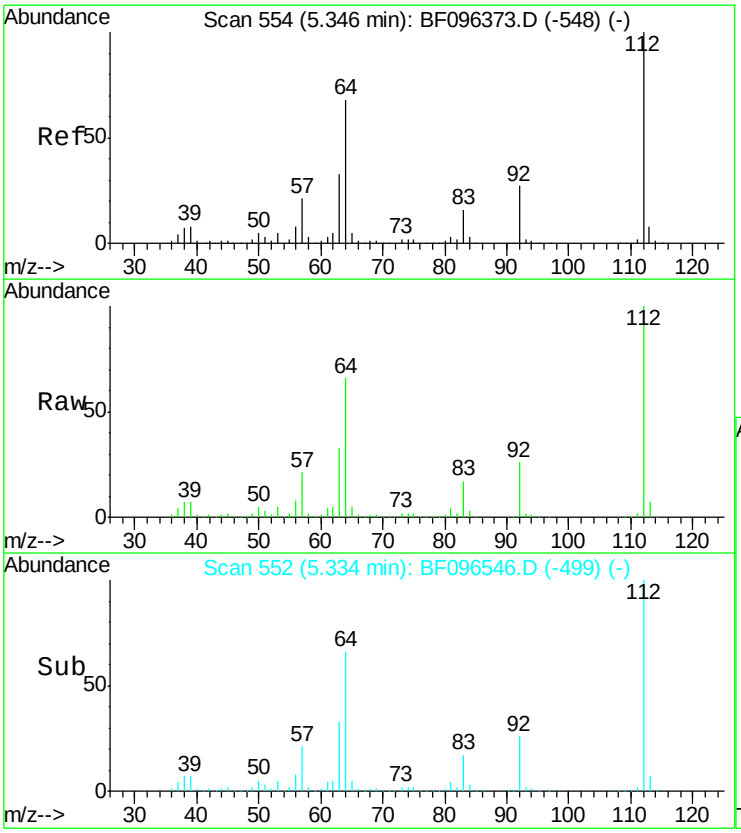
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 121822

Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.2	189.2
115	61.0	52.2	78.2

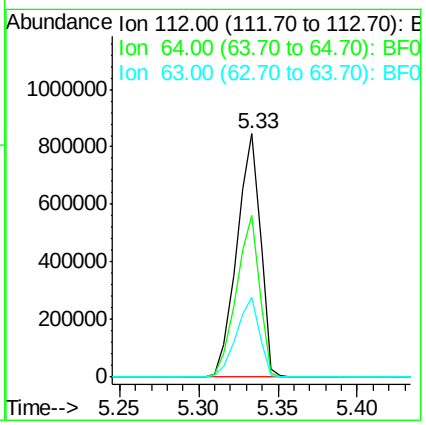


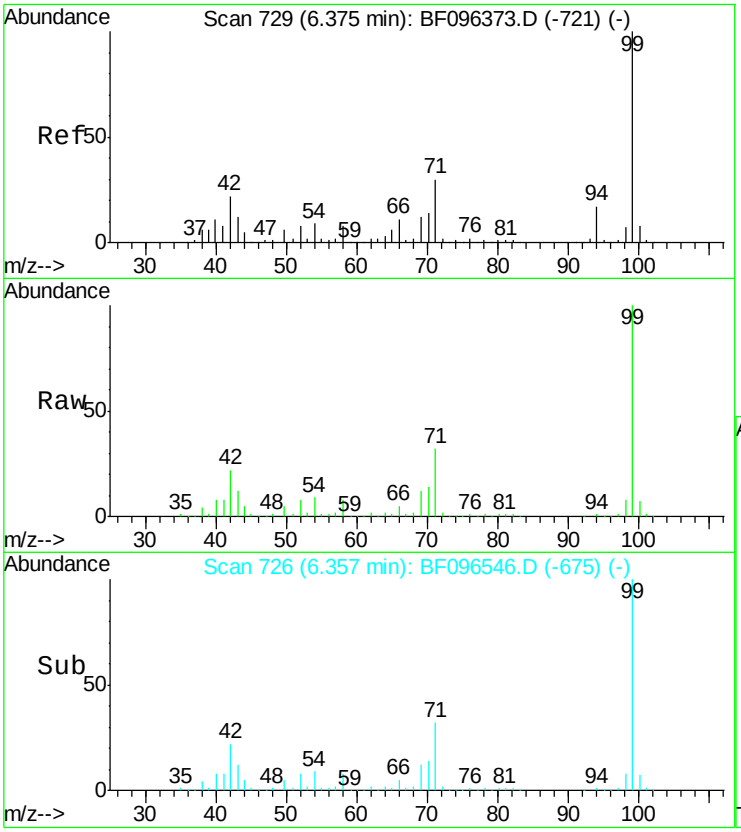


#5
2-Fluorophenol
Concen: 105.30 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Tgt Ion:112 Resp: 869136

Ion	Ratio	Lower	Upper
112	100		
64	66.3	46.0	69.0
63	32.8	23.4	35.0



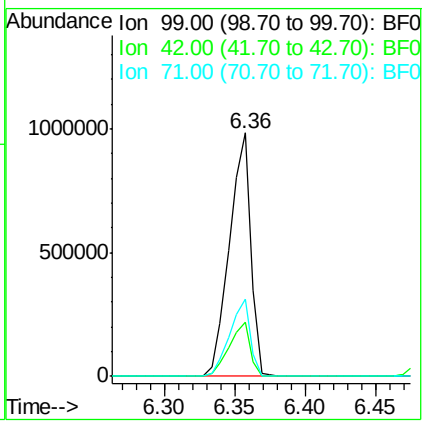


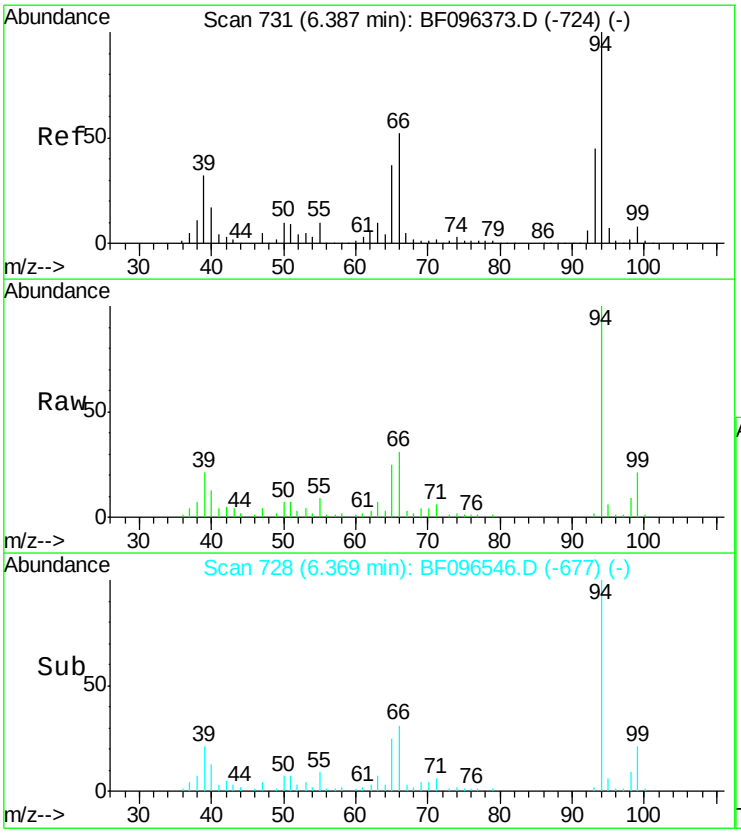
#7
Phenol-d6
Concen: 101.94 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1034367

Ion	Ratio	Lower	Upper
99	100		
42	22.1	13.5	20.3#
71	31.5	24.5	36.7

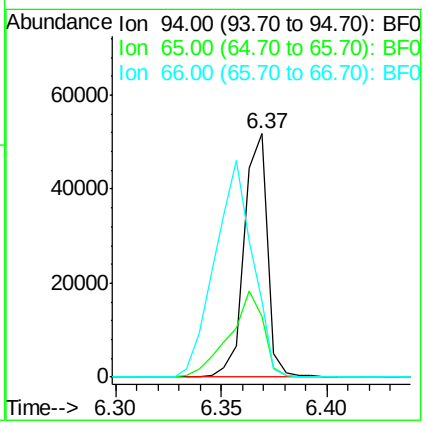


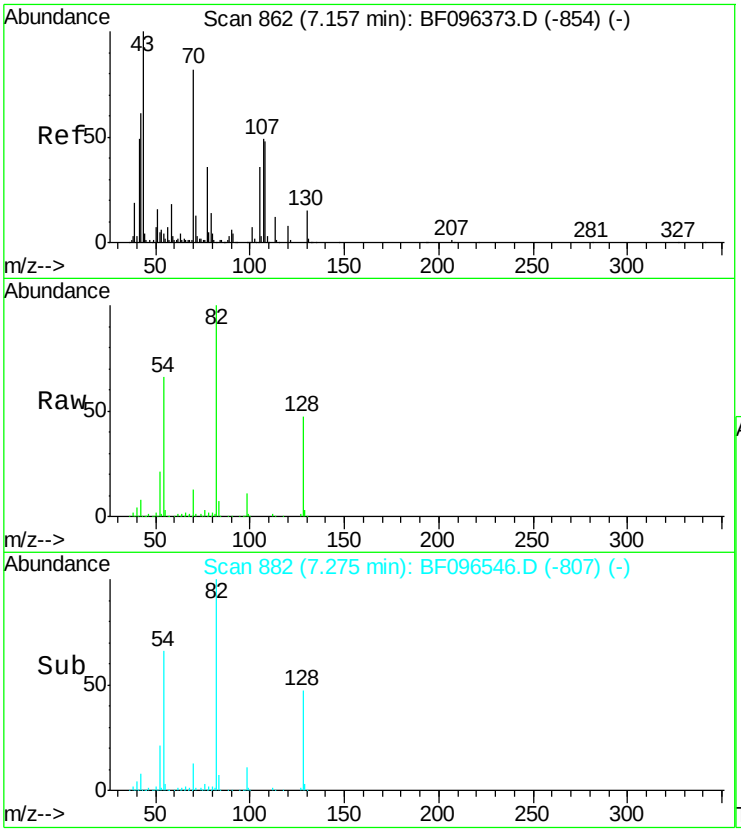


#10
Phenol
Concen: 3.41 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Tgt Ion: 94 Resp: 39391

Ion	Ratio	Lower	Upper
94	100		
65	24.7	9.9	49.9
66	31.1	23.1	63.1



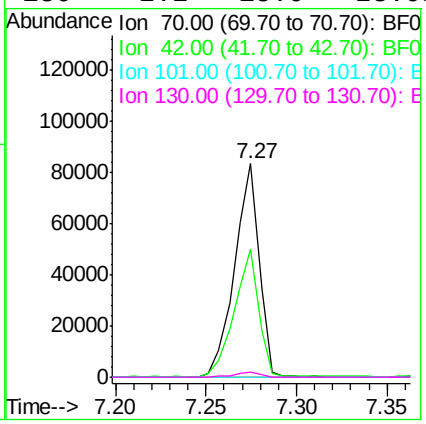


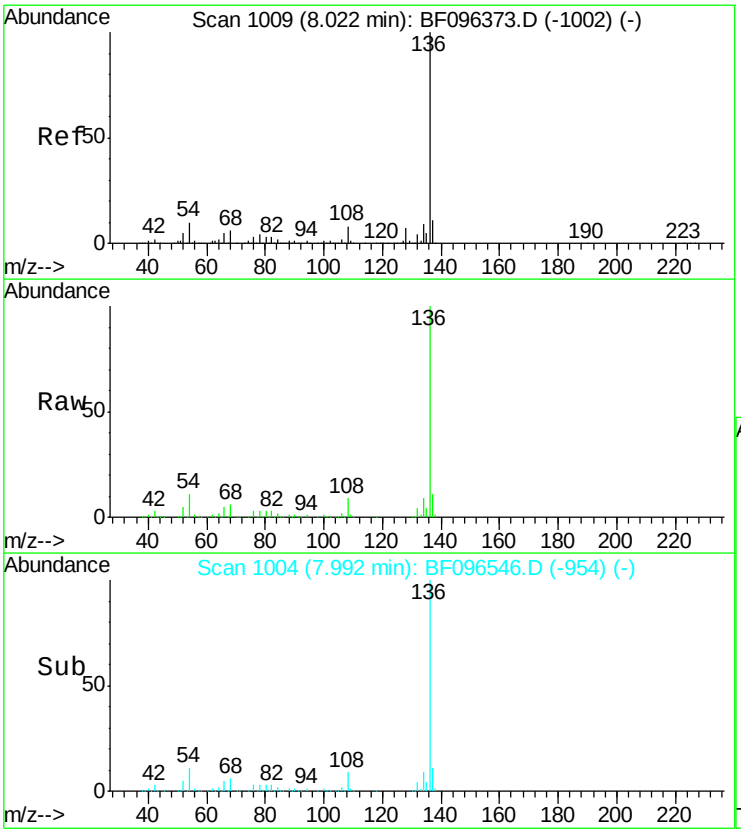
#19
n-Nitroso-di-n-propylamine
Concen: 13.00 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 78584

Ion	Ratio	Lower	Upper
70	100		
42	59.9	47.2	70.8
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#

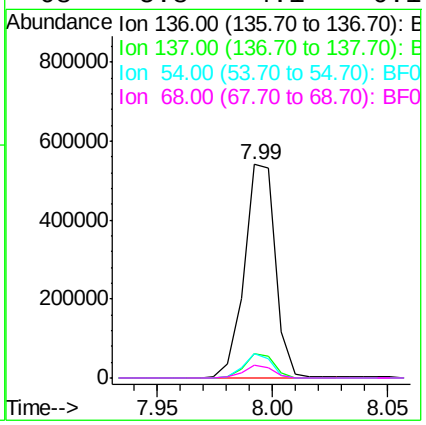


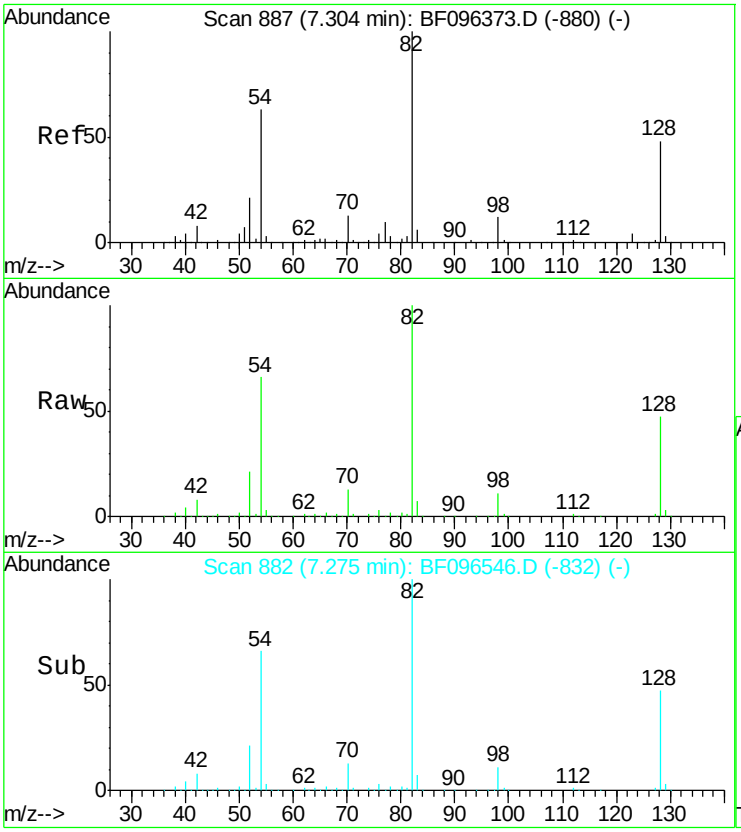


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Tgt Ion:136 Resp: 510737

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



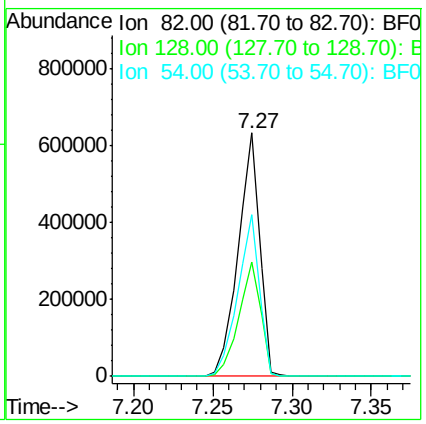


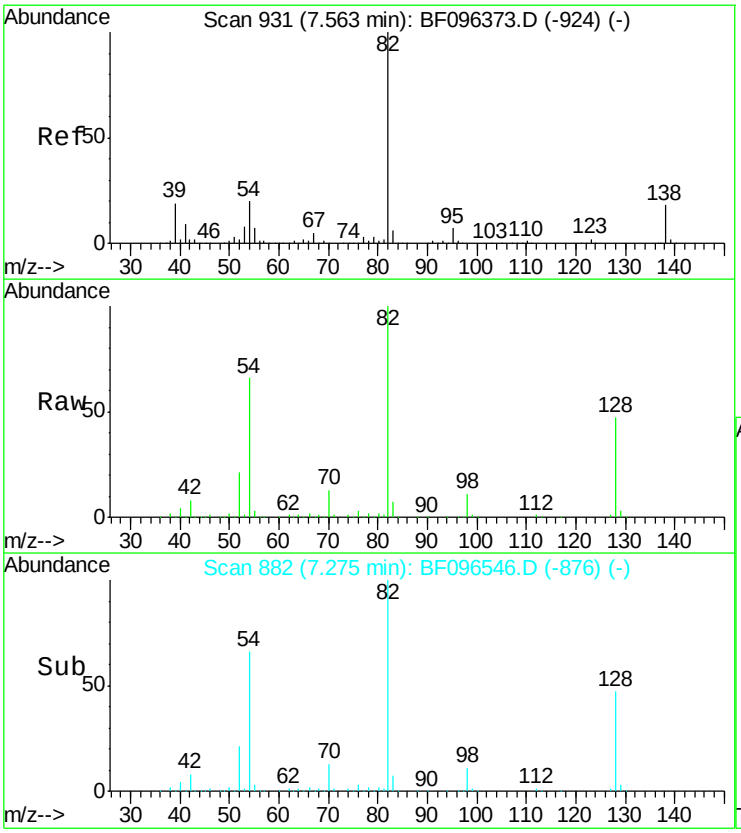
#23
Nitrobenzene-d5
Concen: 70.14 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 596126

Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.0	51.0
54	66.4	42.2	63.2#

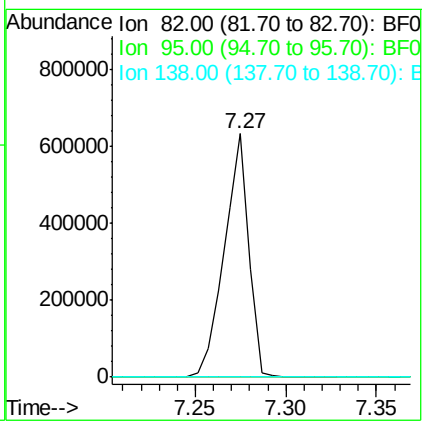


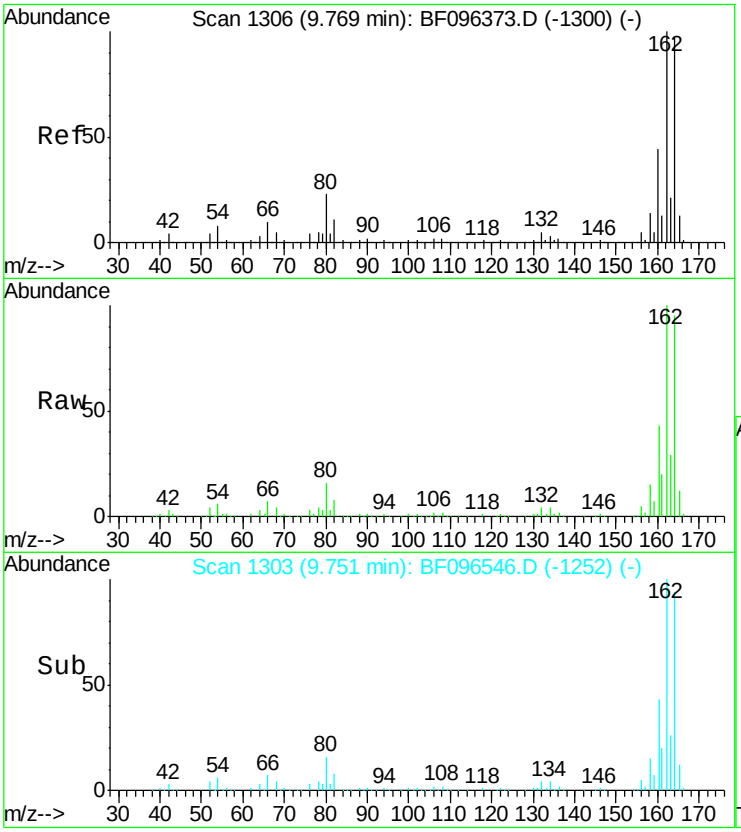


#25
Isophorone
Concen: 36.02 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Tgt Ion: 82 Resp: 593654

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



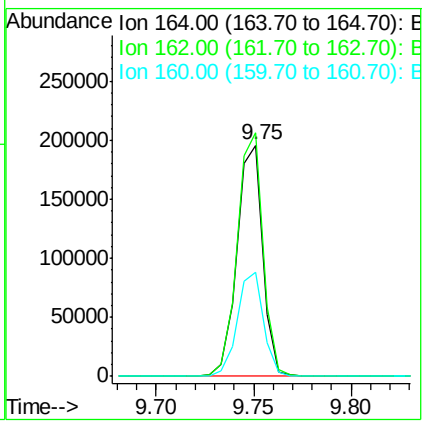


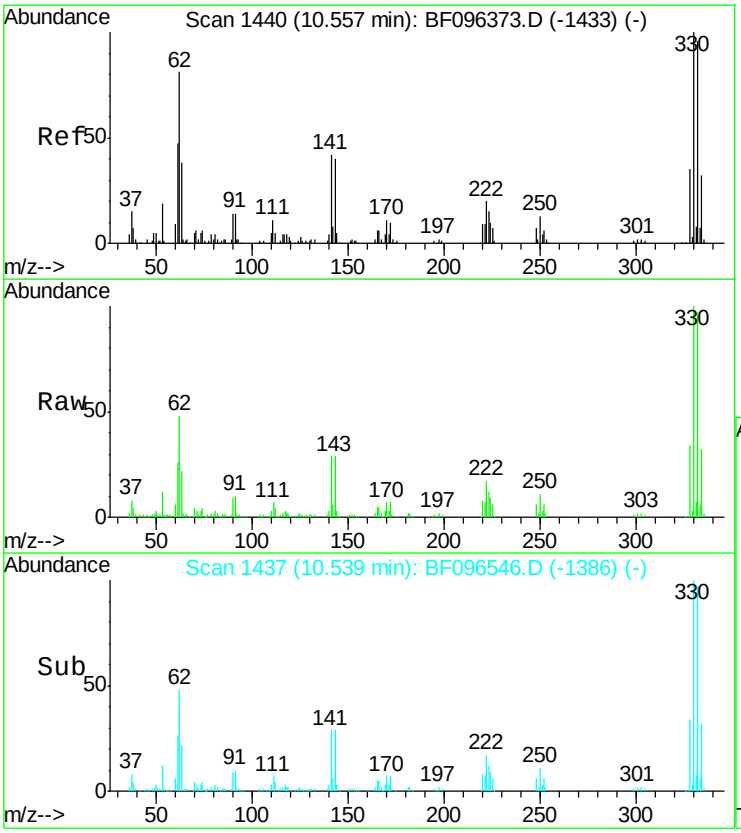
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 178453

Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.6	123.8
160	45.3	36.2	54.2

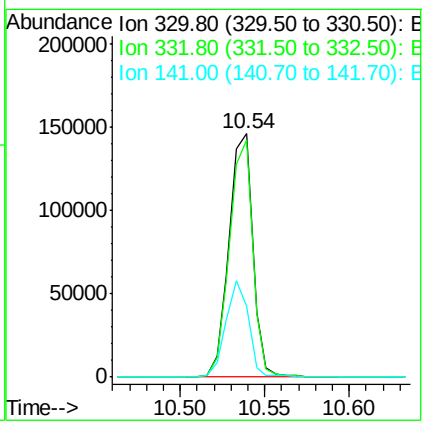


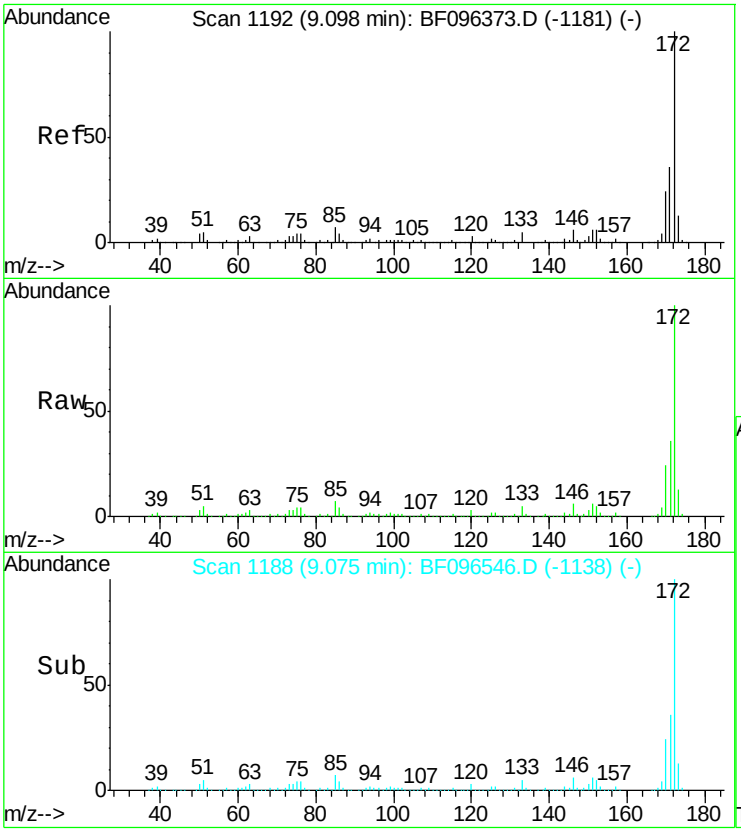


#41
2,4,6-Tribromophenol
Concen: 102.54 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Tgt Ion:330 Resp: 142934

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	38.1	31.4	47.2



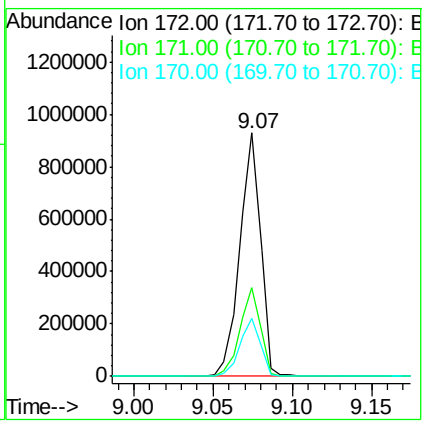


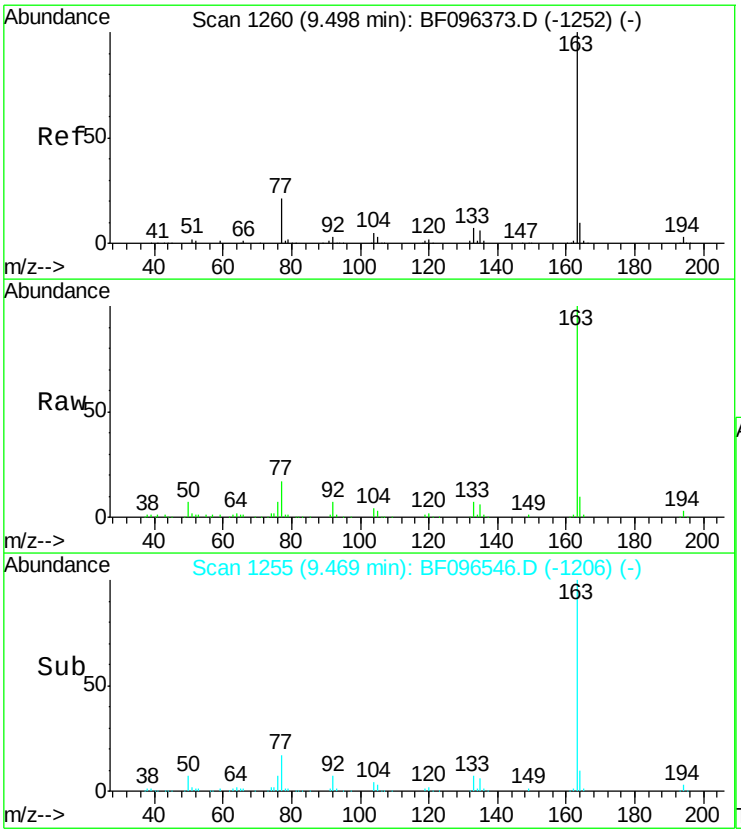
#44
2-Fluorobiphenyl
Concen: 80.57 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 840929

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.1	19.8	29.8

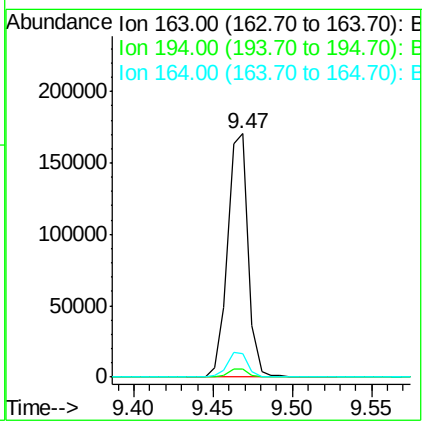


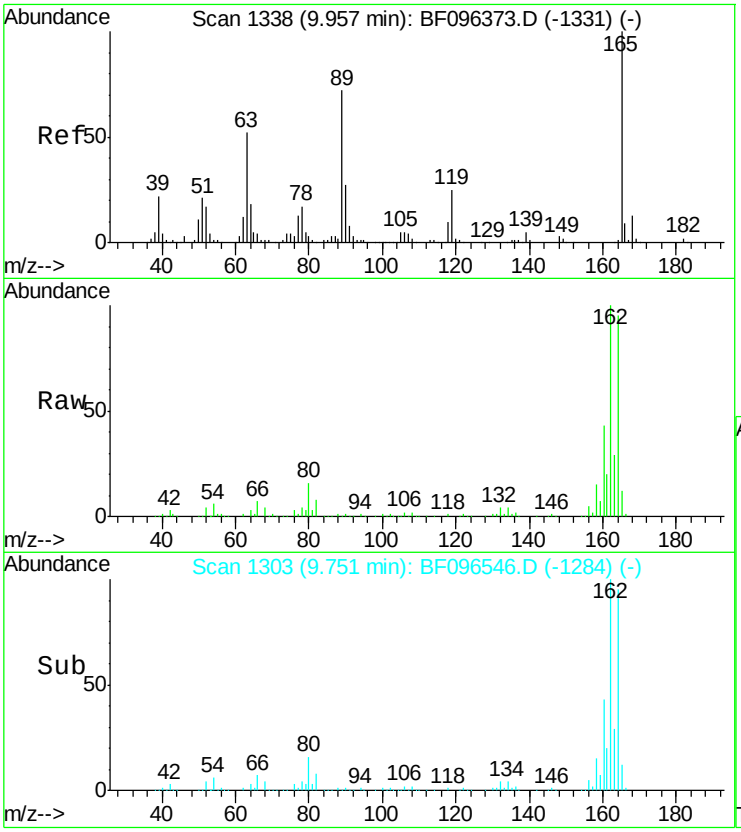


#49
Dimethylphthalate
Concen: 11.47 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Tgt Ion:163 Resp: 152847

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.5	8.4	12.6



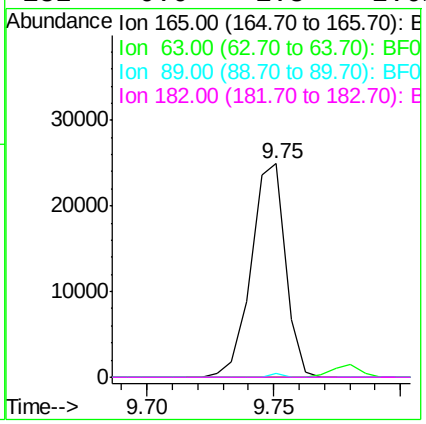


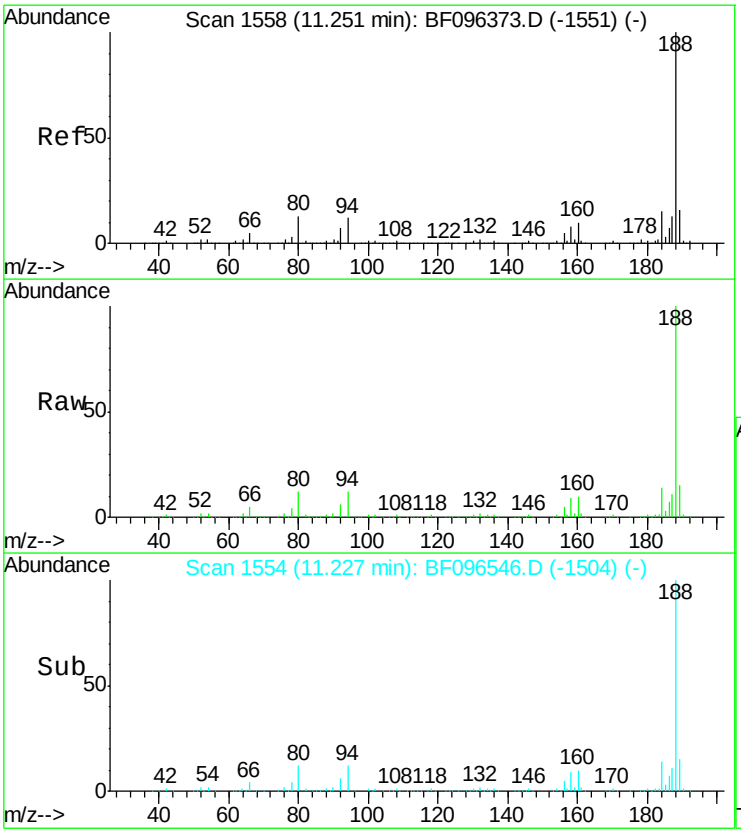
#56
2,4-Dinitrotoluene
Concen: 6.33 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 23629

Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#

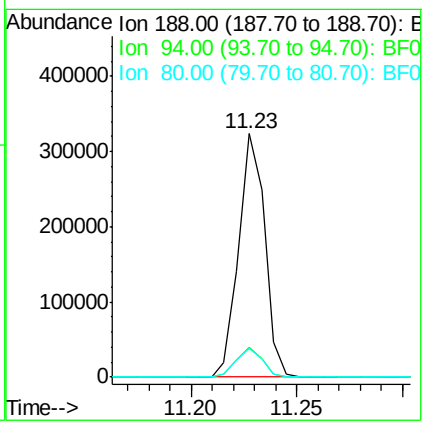


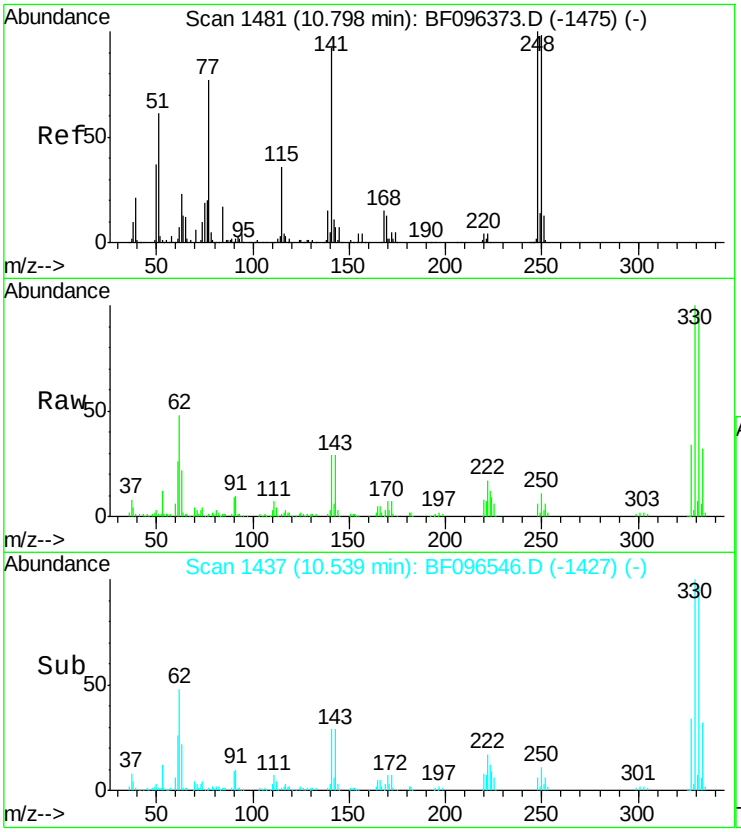


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Tgt Ion:188 Resp: 277796

Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.4	14.2
80	11.9	10.2	15.2



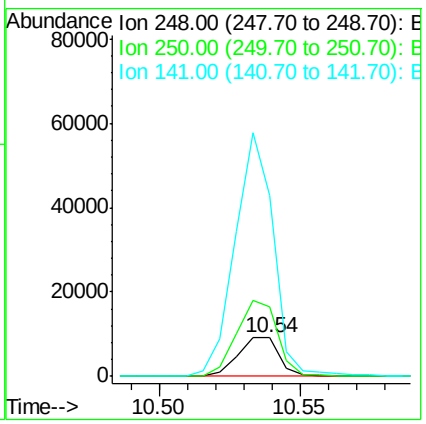


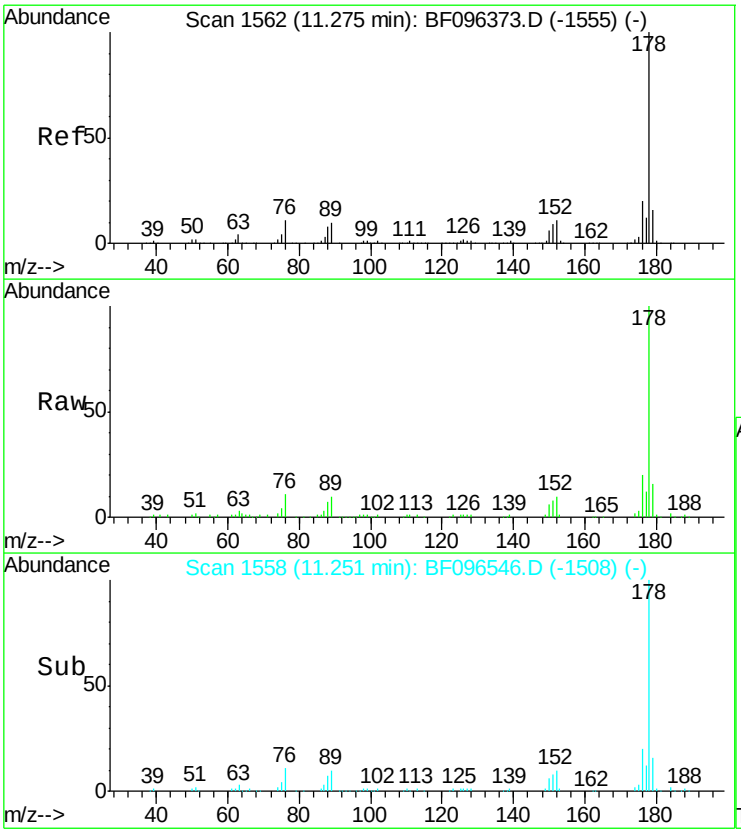
#66
4-Bromophenyl-phenylether
Concen: 3.40 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9200

Ion	Ratio	Lower	Upper
248	100		
250	181.4	76.8	115.2#
141	467.5	68.6	103.0#

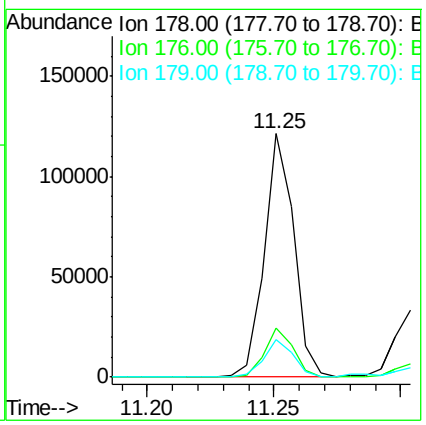


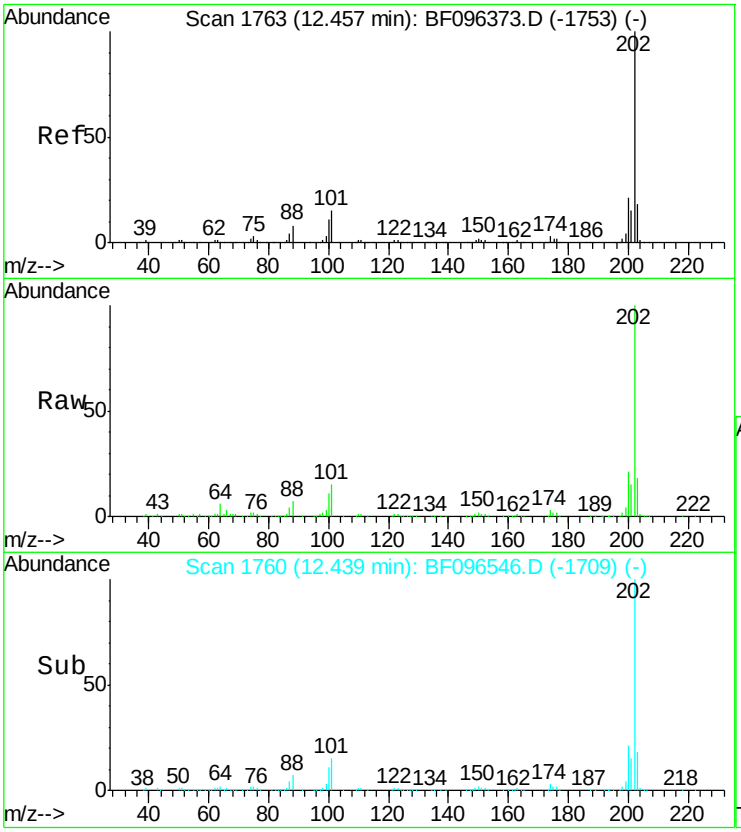


#70
Phenanthrene
Concen: 6.61 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Tgt Ion:178 Resp: 99249

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	15.5	12.6	19.0



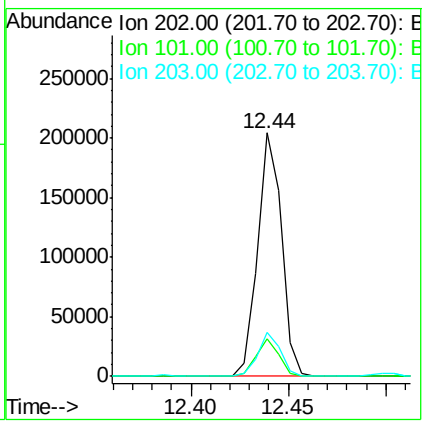


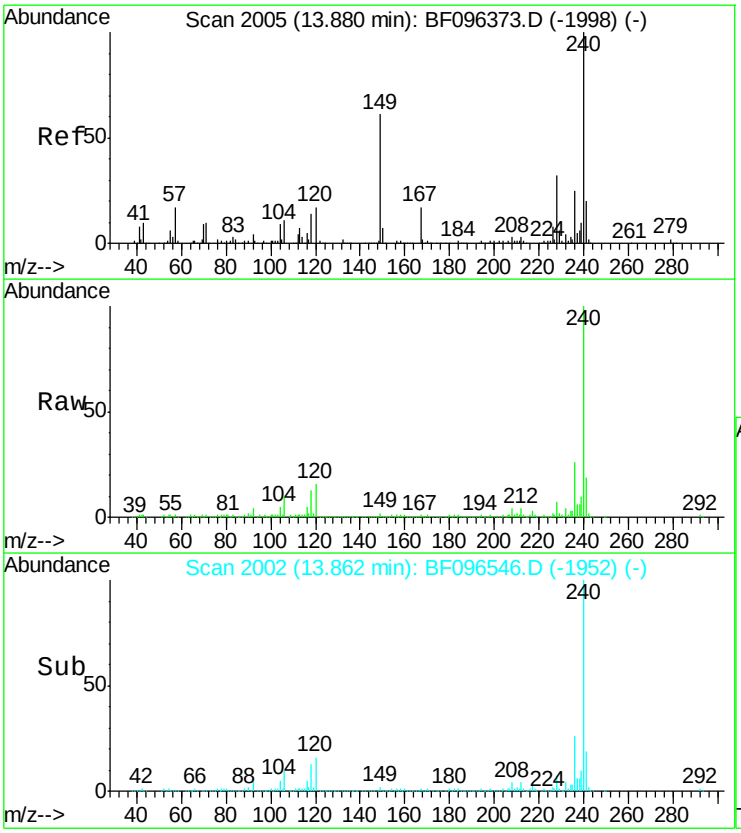
#74
Fluoranthene
Concen: 11.77 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 173298

Ion	Ratio	Lower	Upper
202	100		
101	15.3	0.0	33.2
203	18.2	0.0	38.1

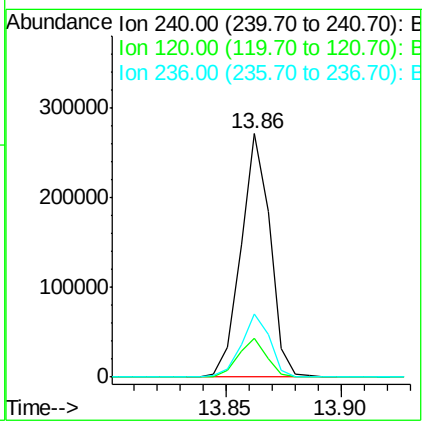


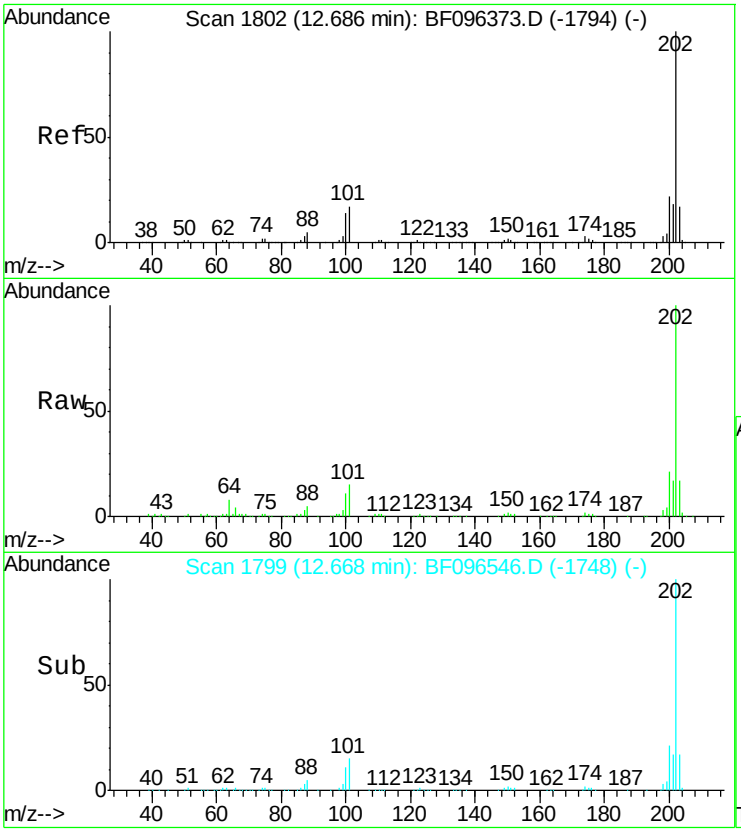


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Tgt Ion:240 Resp: 239778

Ion	Ratio	Lower	Upper
240	100		
120	15.9	5.8	8.8#
236	25.7	20.5	30.7



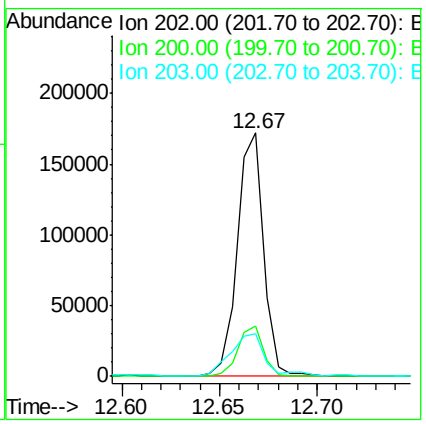


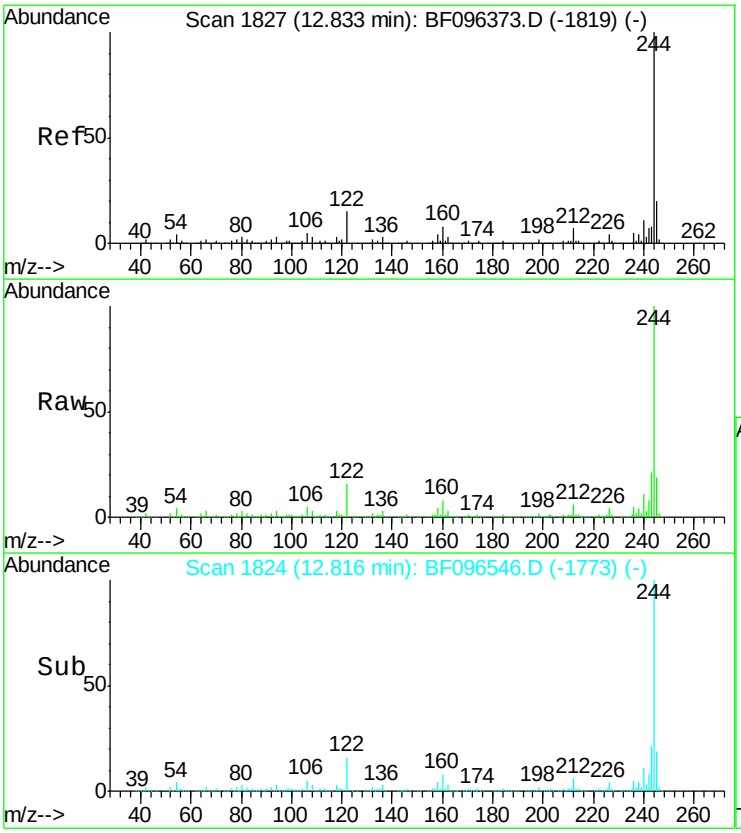
#77
Pyrene
Concen: 8.36 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.00 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 160901

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	17.4	14.4	21.6

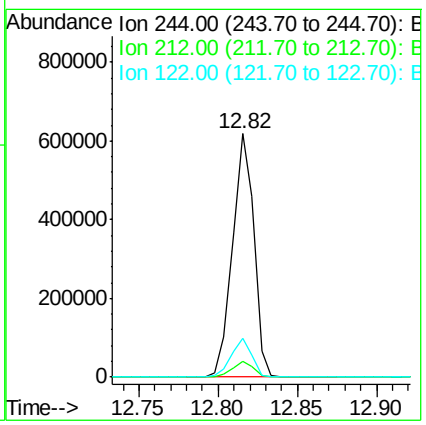


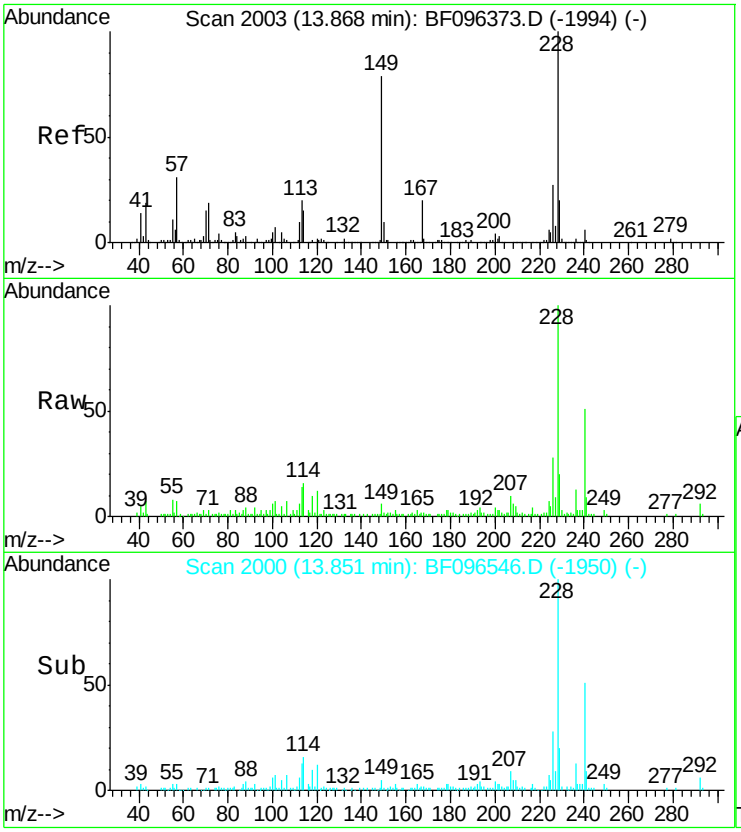


#78
Terphenyl-d14
Concen: 51.47 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Tgt Ion:244 Resp: 577575

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	15.9	10.3	15.5#



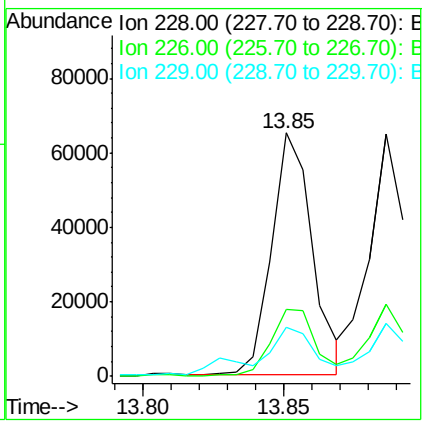


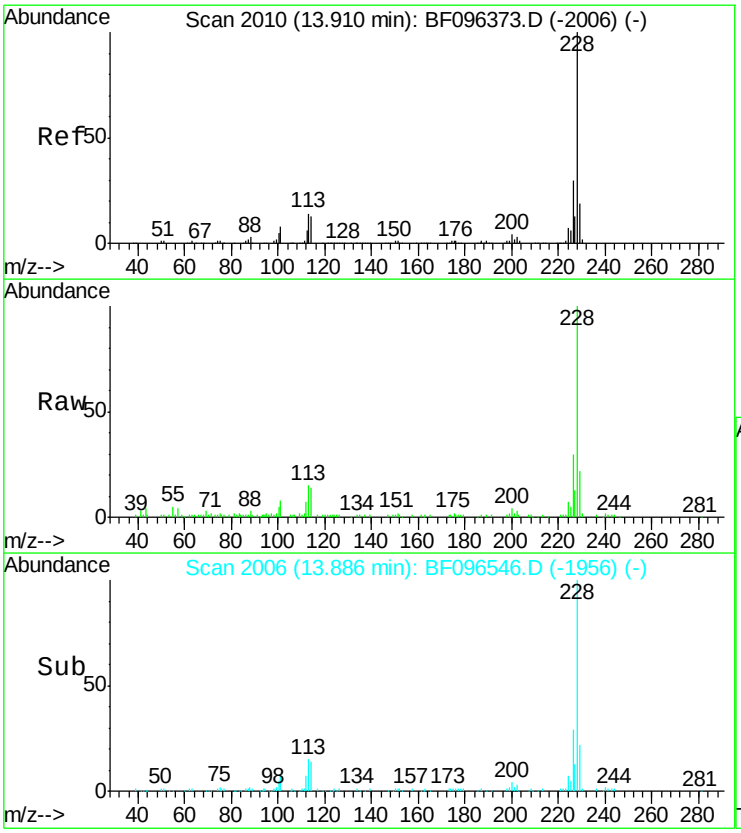
#80
Benzo(a)anthracene
Concen: 4.69 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 65177

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.0	16.3	24.5

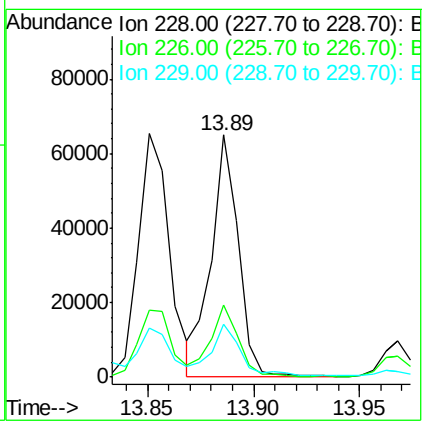


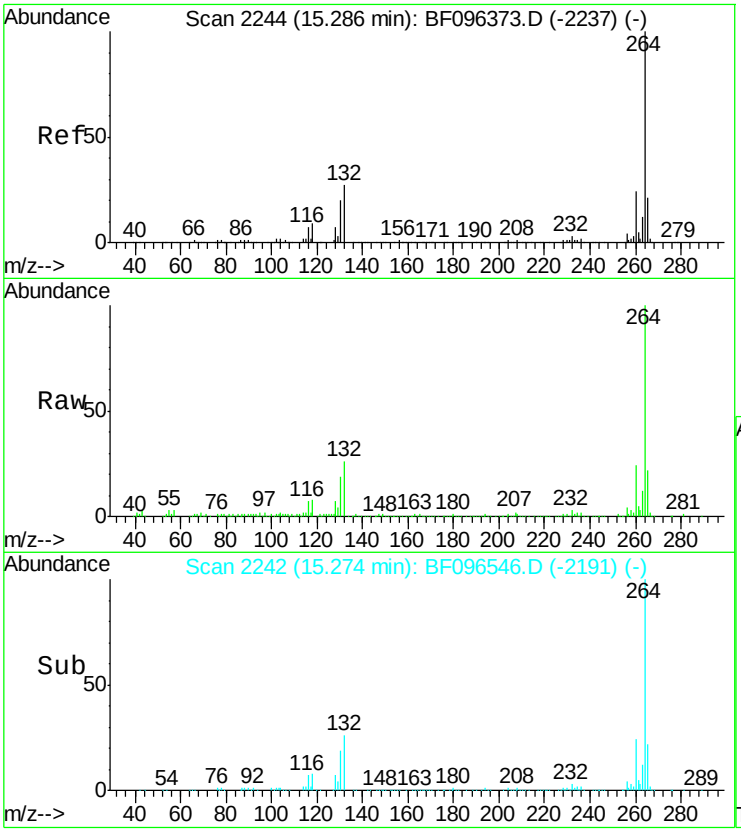


#82
Chrysene
Concen: 4.05 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Tgt Ion:228 Resp: 58898

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.9	37.3
229	22.1	15.8	23.6



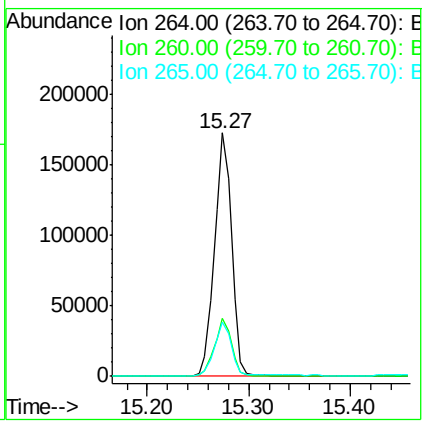


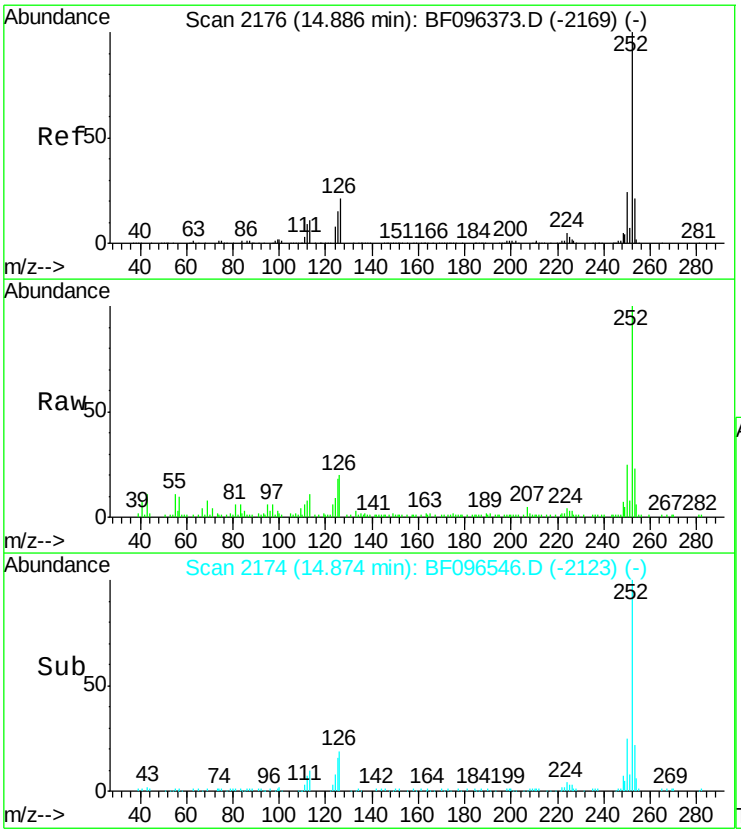
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 203554

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.1	17.2	25.8

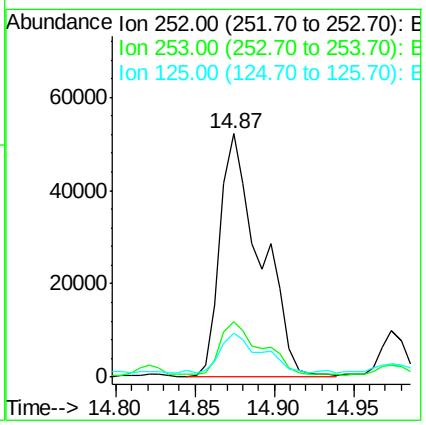


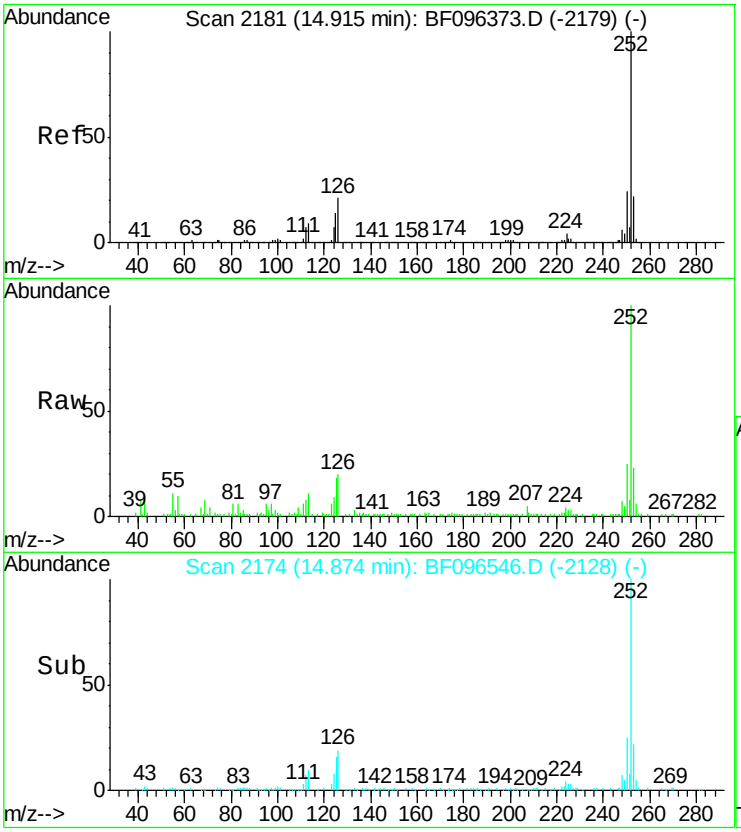


#87
Benzo(b)fluoranthene
Concen: 7.28 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Tgt Ion:252 Resp: 92840

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	17.9	9.8	14.8#



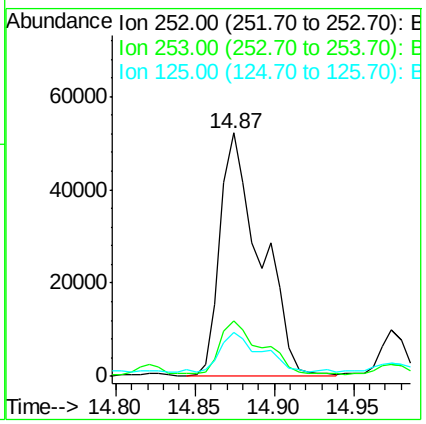


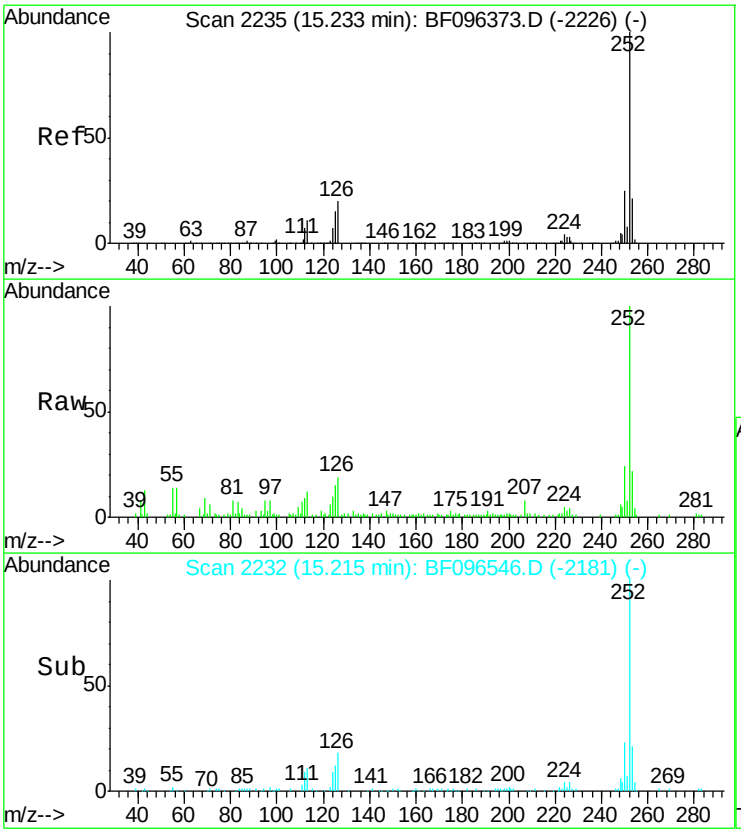
#88
Benzo(k)fluoranthene
Concen: 8.14 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.03 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 92840

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	17.9	13.1	19.7

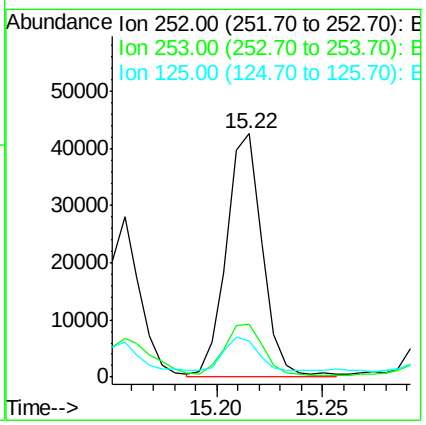


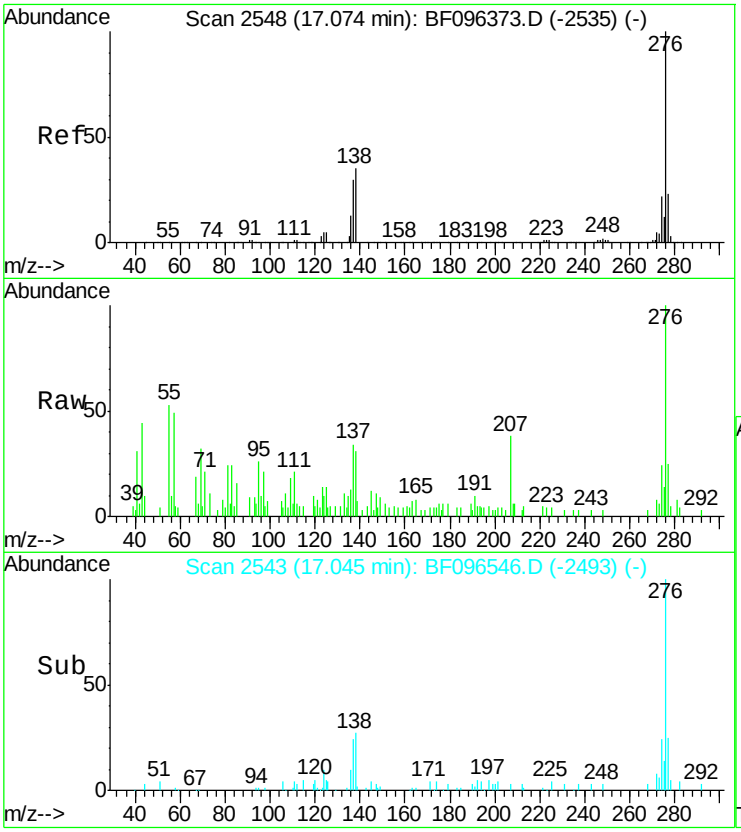


#89
Benzo(a)pyrene
Concen: 4.43 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Tgt Ion:252 Resp: 50412

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	14.8	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 2.18 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.01 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 20220

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.6	28.0
138	30.6	25.4	38.0