Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096852.D
Acq On : 18 Jul 2017 17:42
Operator : SJ/JU
Sample : I4245-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-071717-C

Quant Time: Jul 19 01:11:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	113171	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	502870	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	196404	20.00	ng		0.00
63) Phenanthrene-d10	11.10	188	295940	20.00	ng		0.00
75) Chrysene-d12	13.73	240	193166	20.00	ng		0.00
86) Perylene-d12	15.10	264	172550	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	750293	99.68	ng		0.01
7) Phenol-d6	6.25	99	907358	100.46	ng		0.00
23) Nitrobenzene-d5	7.16	82	536378	66.07	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	158278	94.41	ng		0.00
44) 2-Fluorobiphenyl	8.96	172	842246	67.75	ng		0.00
78) Terphenyl-d14	12.69	244	451270	40.52	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.26	94	22586	2.21	ng		93
19) n-Nitroso-di-n-propylamine	7.16	70	72609	13.34	ng	#	88
25) Isophorone	7.16	82	532984	35.29	ng	#	67
49) Dimethylphthalate	9.35	163	341079	23.06	ng		100
56) 2,4-Dinitrotoluene	9.63	165	25279	6.14	ng	#	33
66) 4-Bromophenyl-phenylether	10.41	248	10710	3.54	ng	#	1
70) Phenanthrene	11.12	178	96803	6.02	ng		98
73) Di-n-butylphthalate	11.67	149	51703	2.64	ng		98
74) Fluoranthene	12.30	202	112556	7.31	ng		99
77) Pyrene	12.53	202	98642	5.63	ng		97
80) Benzo(a)anthracene	13.72	228	48199	4.00	ng		97
82) Chrysene	13.75	228	41426	3.50	ng		96
85) Indeno(1,2,3-cd)pyrene	16.38	276	21238	5.19	ng		97
87) Benzo(b)fluoranthene	14.72	252	73566	7.07	ng	#	84
88) Benzo(k)fluoranthene	14.72	252	73566	7.47	ng	#	88
89) Benzo(a)pyrene	15.04	252	37328	3.91	ng	#	85

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

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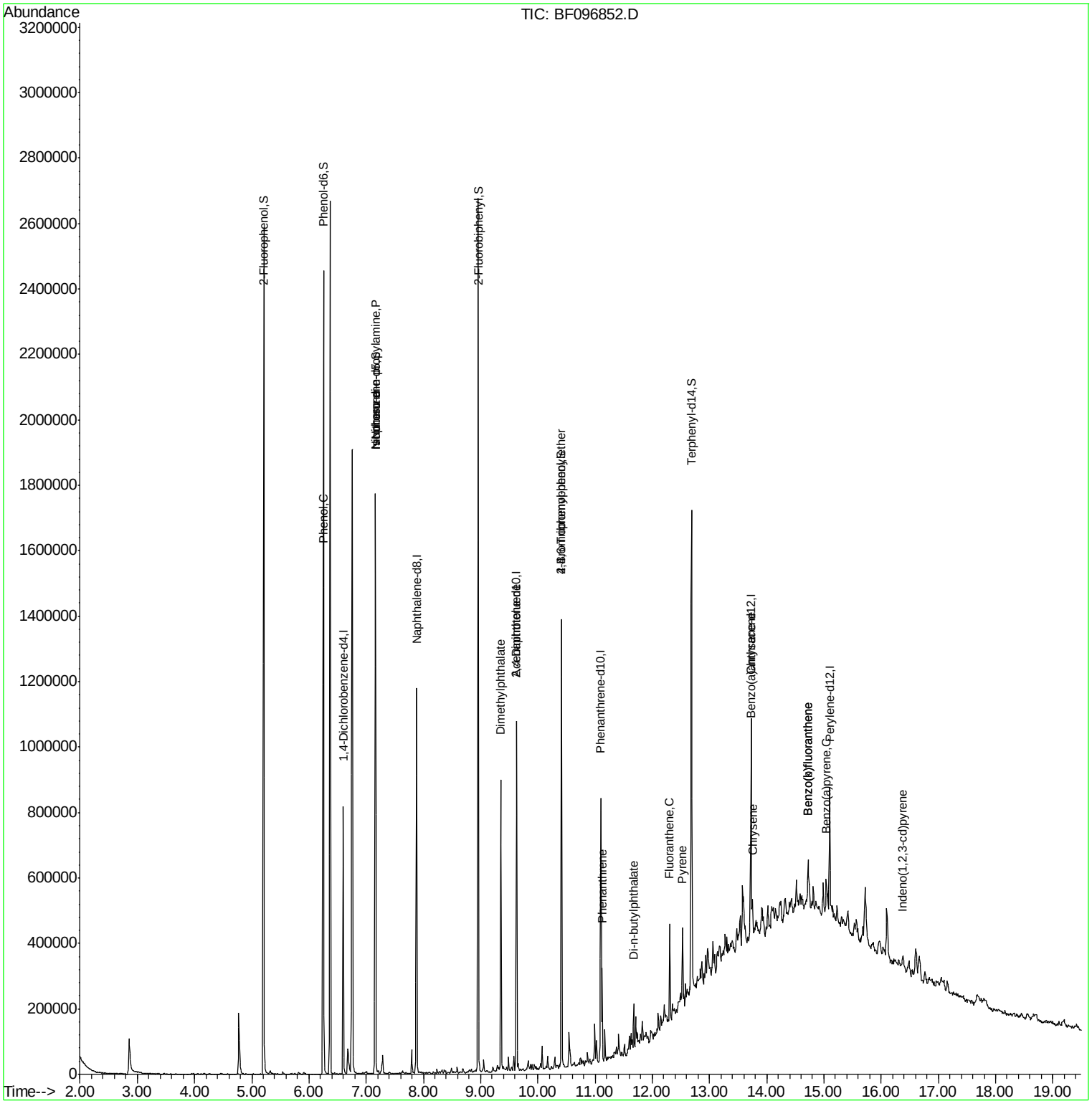
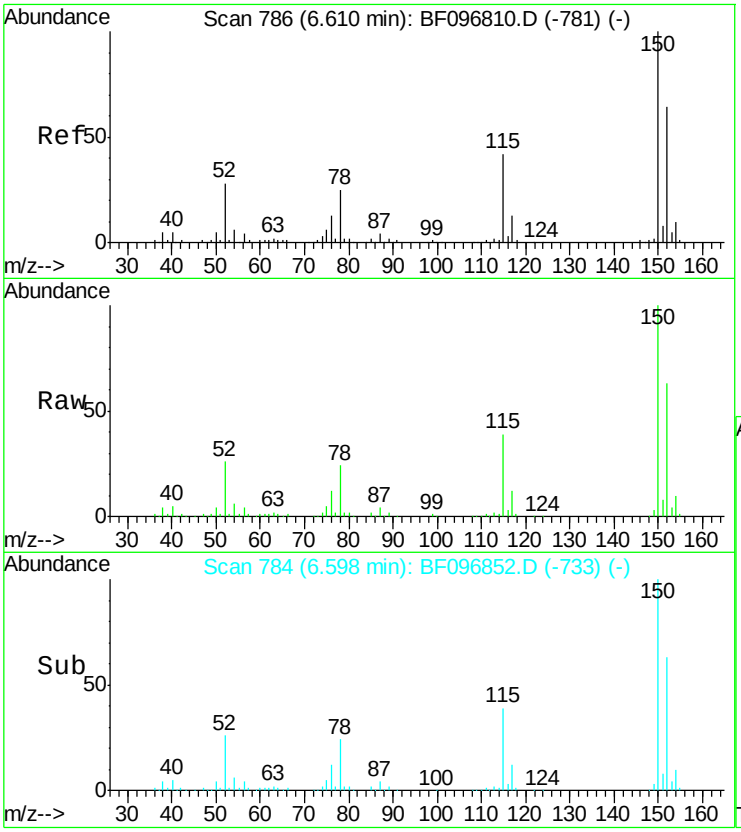


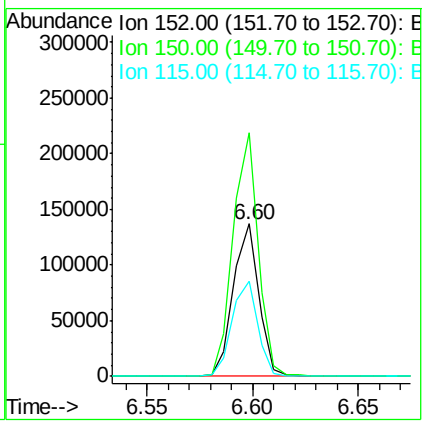


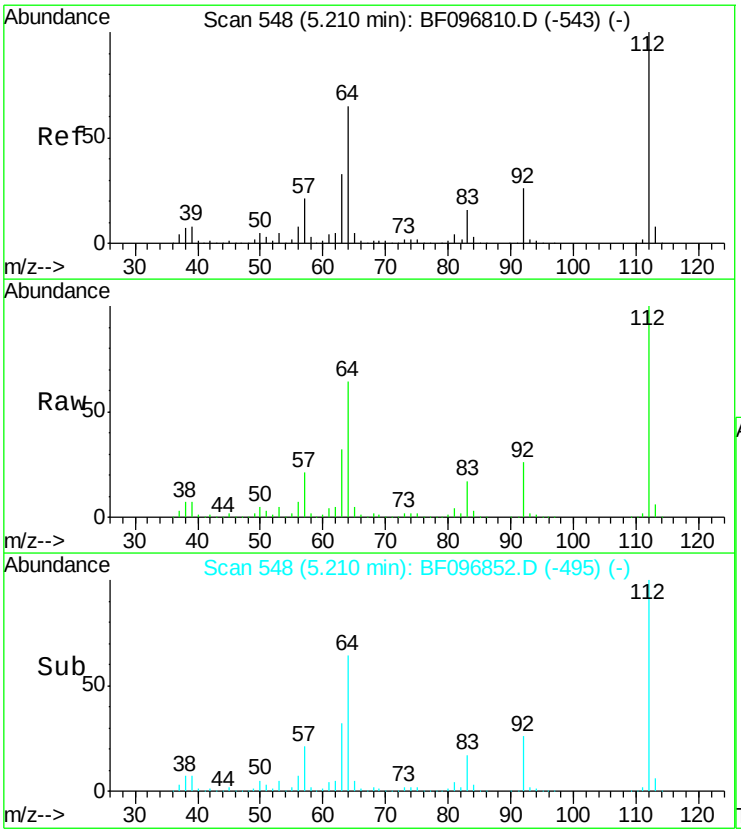
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-C

Tgt Ion:152 Resp: 113171

Ion	Ratio	Lower	Upper
152	100		
150	159.6	126.2	189.2
115	62.7	52.2	78.2

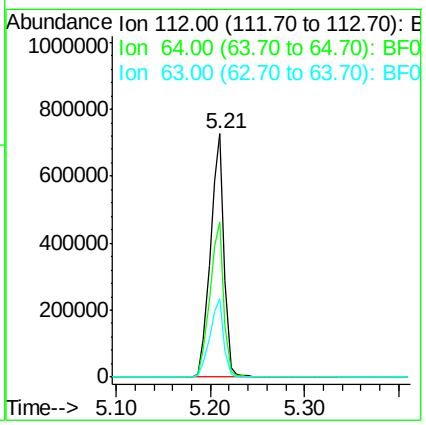


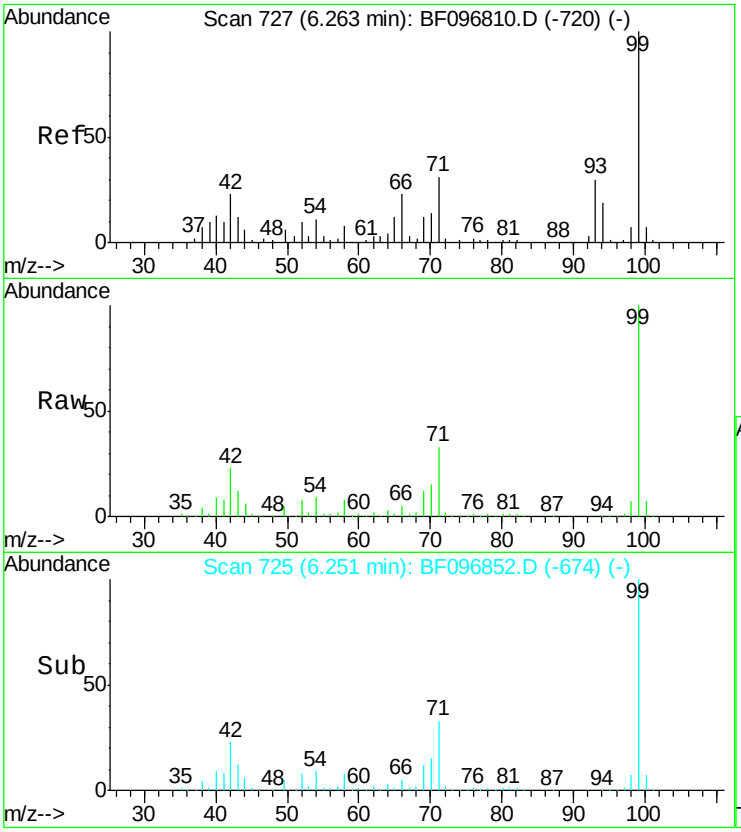


#5
2-Fluorophenol
Concen: 99.68 ng
RT: 5.21 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Tgt Ion:112 Resp: 750293

Ion	Ratio	Lower	Upper
112	100		
64	64.0	46.0	69.0
63	32.5	23.4	35.0



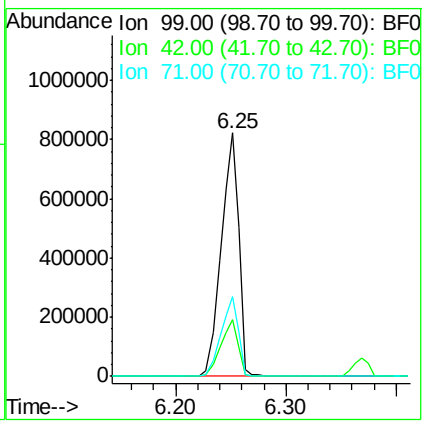


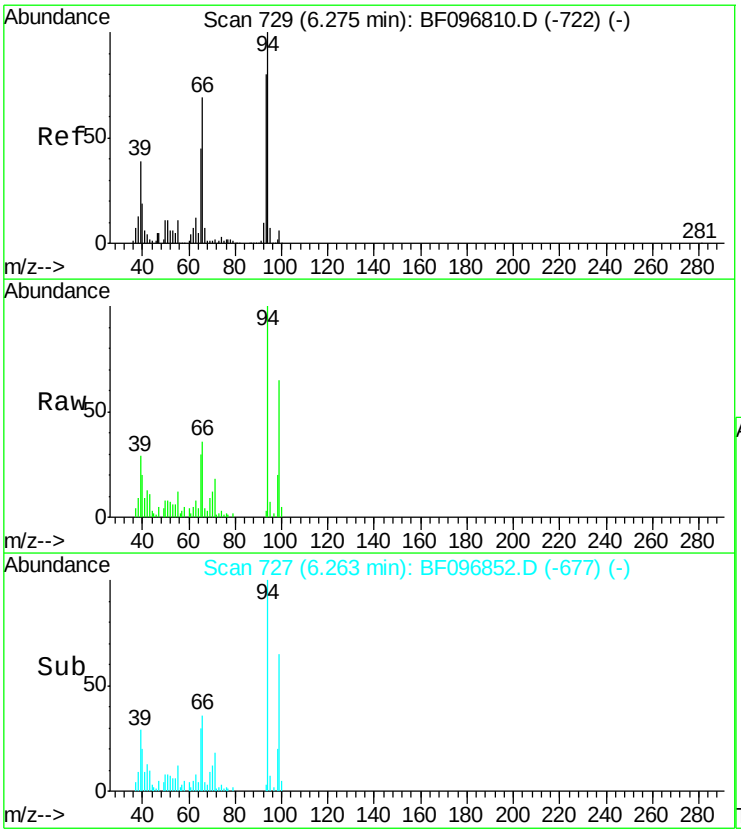
#7
Phenol-d6
Concen: 100.46 ng
RT: 6.25 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-C

Tgt Ion: 99 Resp: 907358

Ion	Ratio	Lower	Upper
99	100		
42	23.1	13.5	20.3#
71	32.8	24.5	36.7

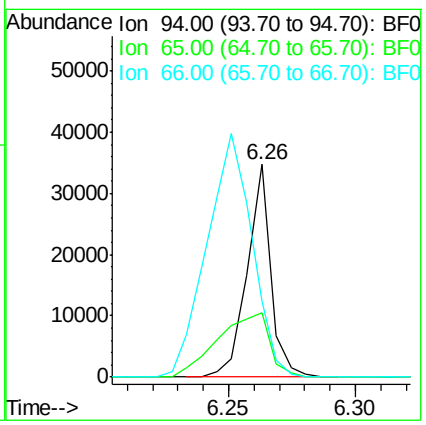


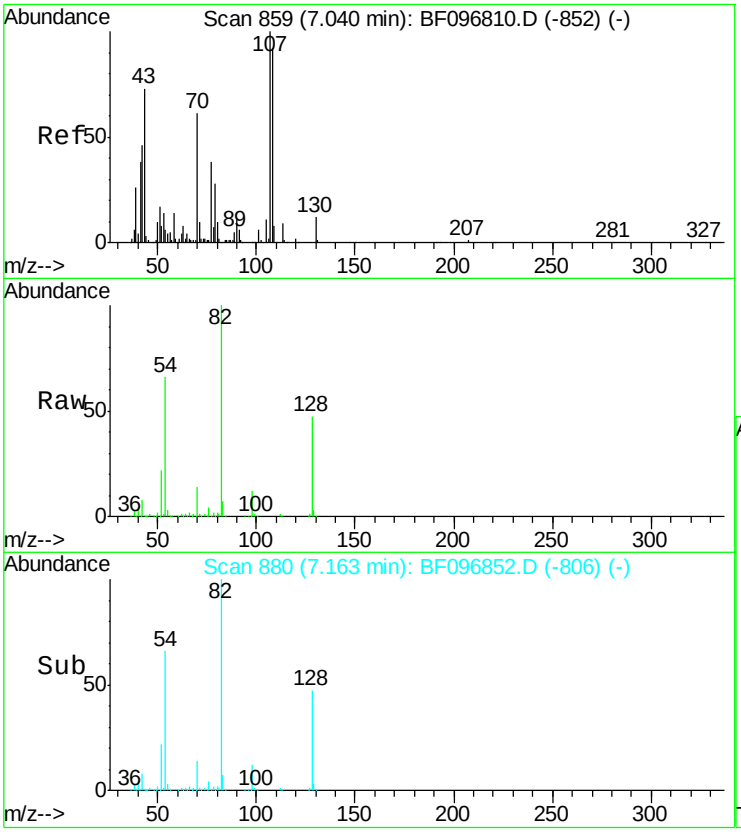


#10
Phenol
Concen: 2.21 ng
RT: 6.26 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Tgt Ion: 94 Resp: 22586

Ion	Ratio	Lower	Upper
94	100		
65	30.1	9.9	49.9
66	35.6	23.1	63.1



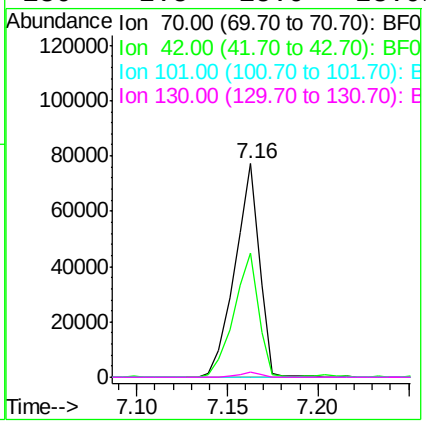


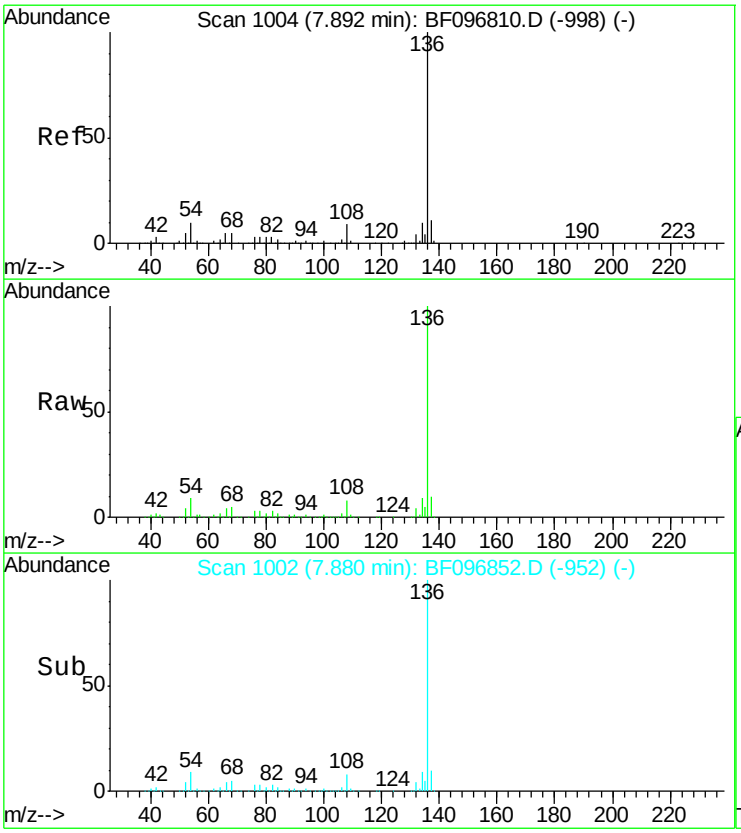
#19
n-Nitroso-di-n-propylamine
Concen: 13.34 ng
RT: 7.16 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-C

Tgt Ion: 70 Resp: 72609

Ion	Ratio	Lower	Upper
70	100		
42	57.9	47.2	70.8
101	0.0	7.2	10.8#
130	2.5	15.9	23.9#

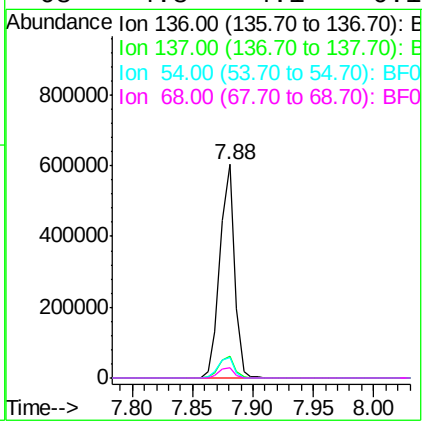


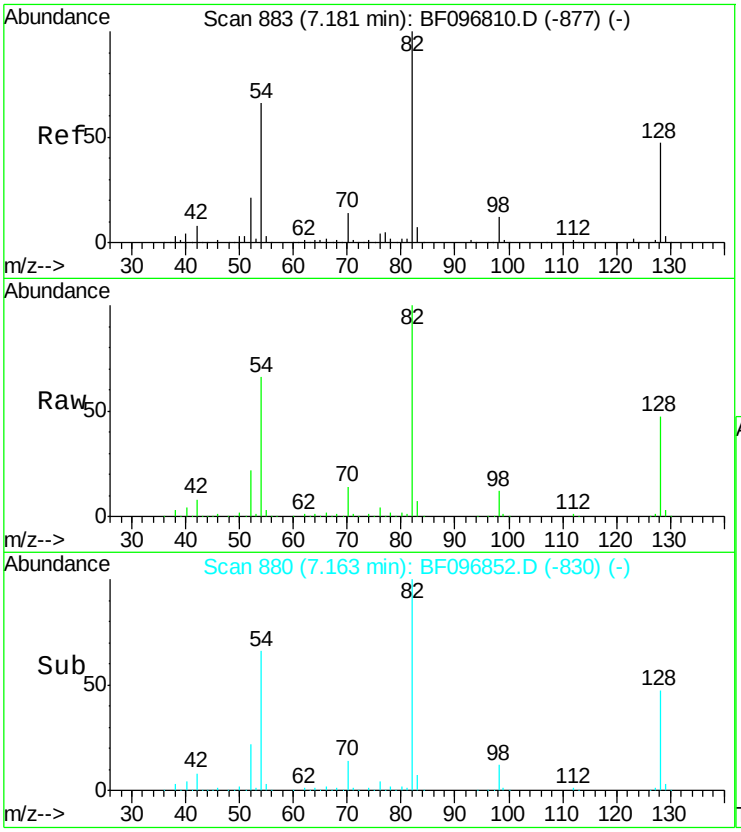


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Tgt Ion:136 Resp: 502870

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	9.5	4.9	7.3#
68	4.8	4.1	6.1



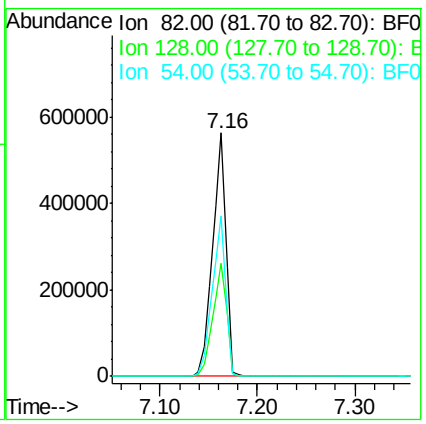


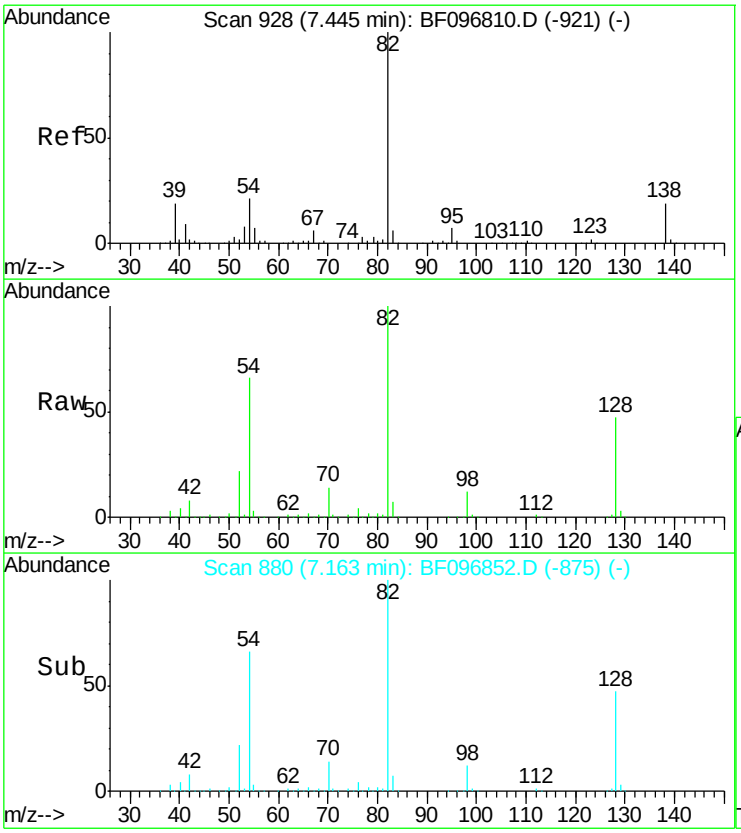
#23
Nitrobenzene-d5
Concen: 66.07 ng
RT: 7.16 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-C

Tgt Ion: 82 Resp: 536378

Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.0	51.0
54	66.1	42.2	63.2#

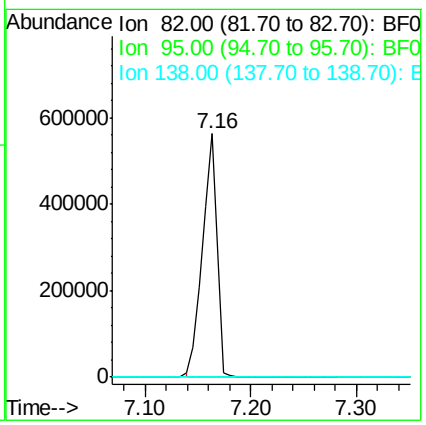


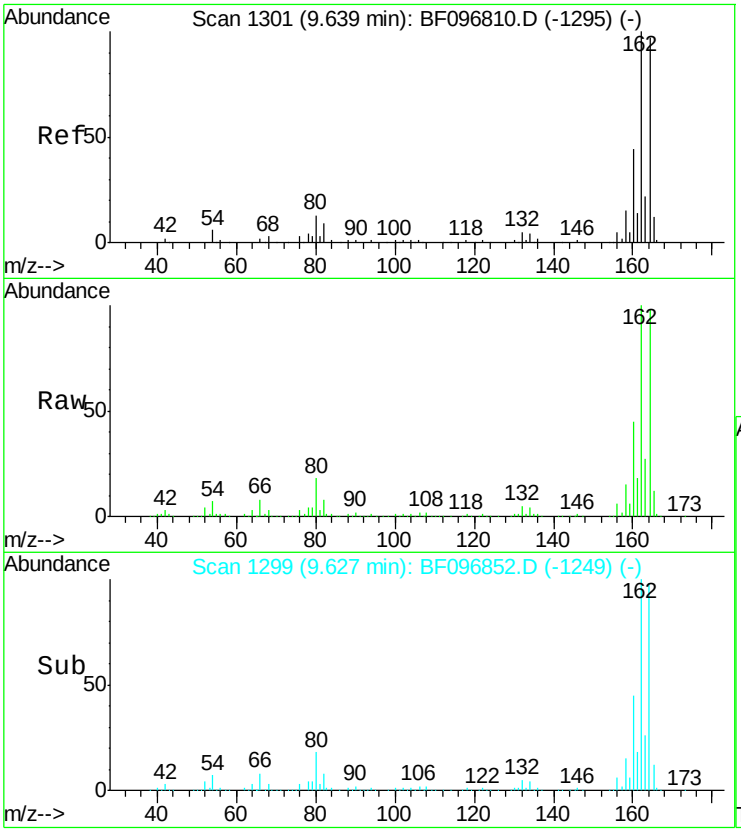


#25
Isophorone
Concen: 35.29 ng
RT: 7.16 min Scan# 880
Delta R.T. -0.27 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Tgt Ion: 82 Resp: 532984

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



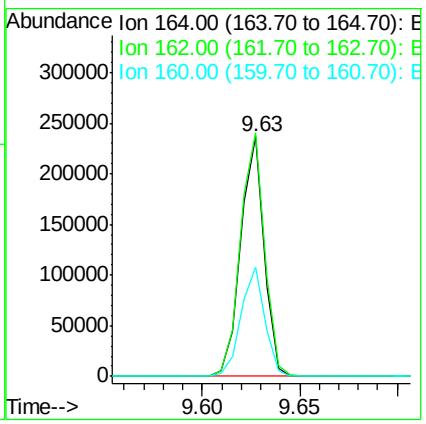


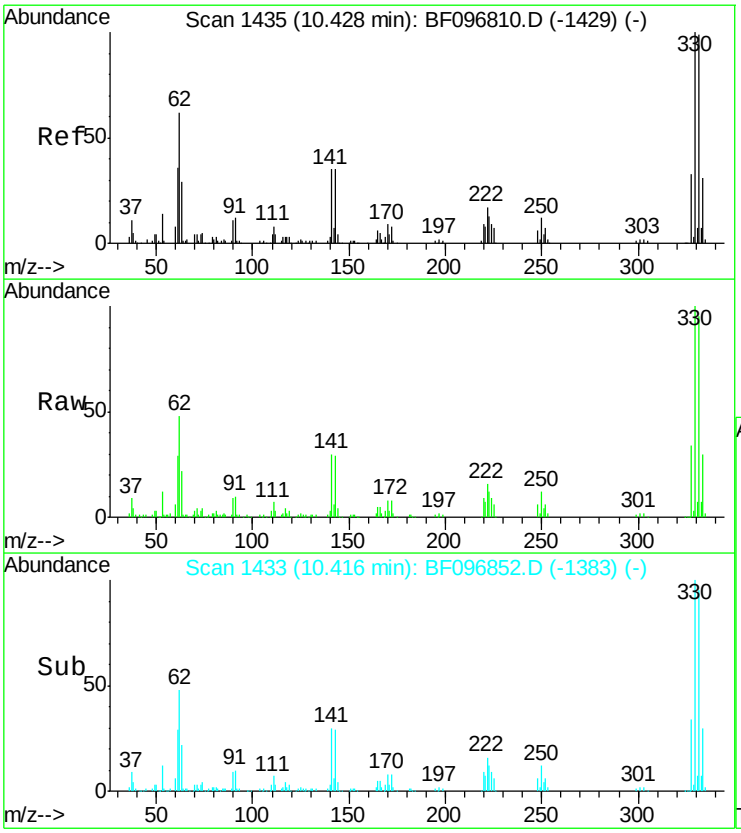
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-C

Tgt Ion:164 Resp: 196404

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.6	123.8
160	45.5	36.2	54.2

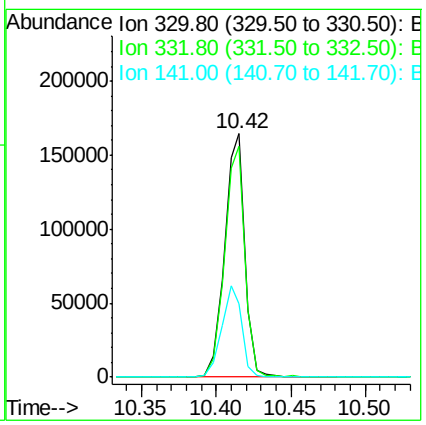


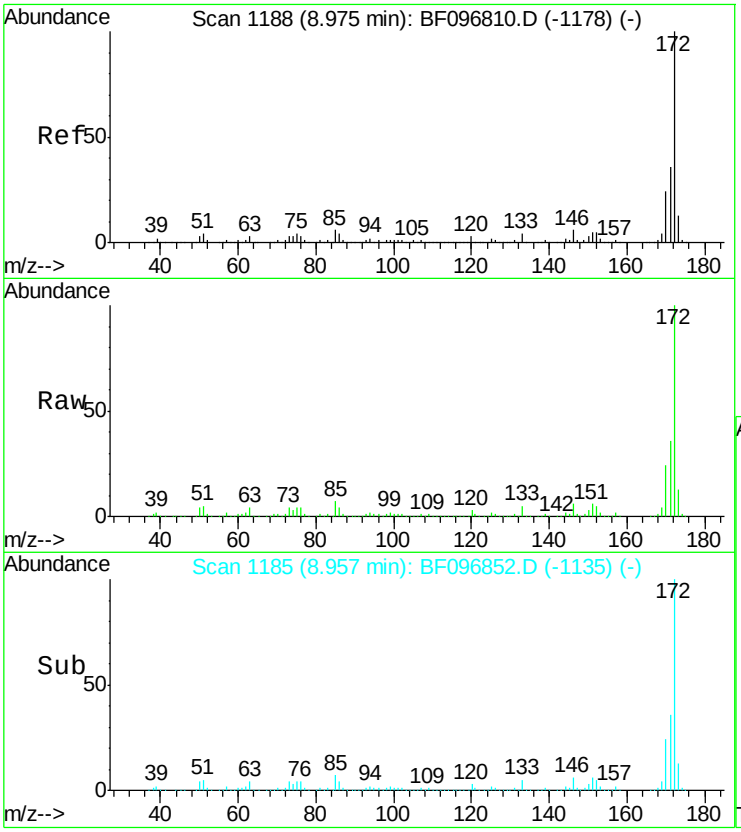


#41
2,4,6-Tribromophenol
Concen: 94.41 ng
RT: 10.42 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Tgt Ion:330 Resp: 158278

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	37.2	31.4	47.2



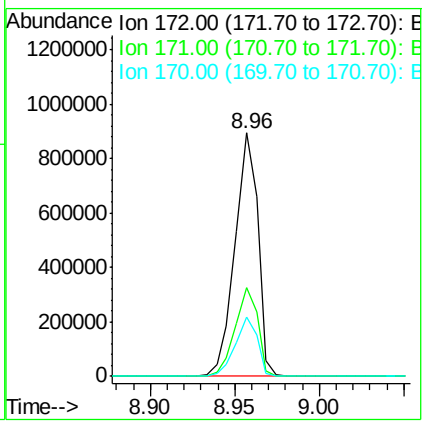


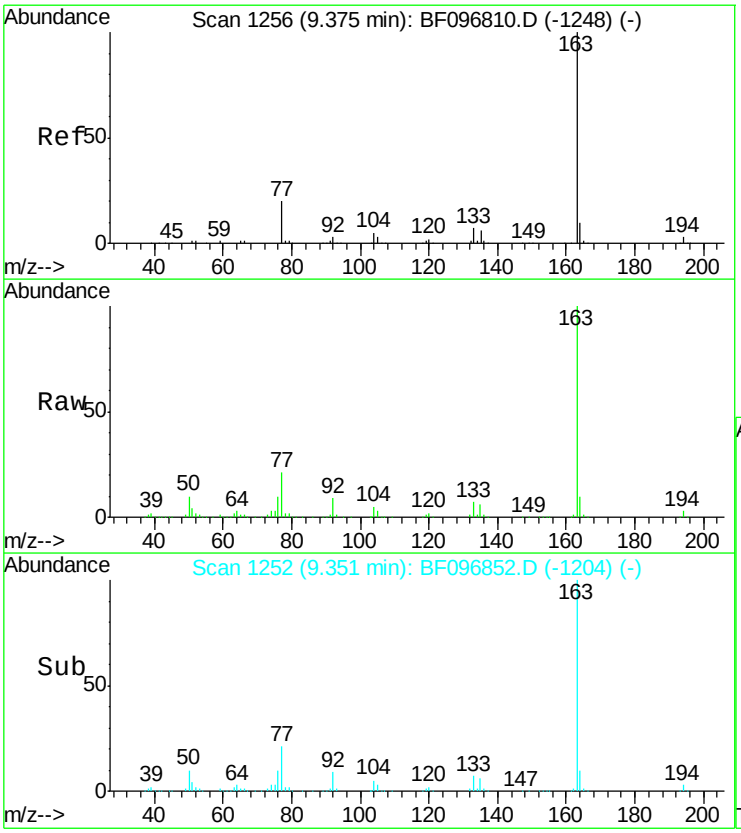
#44
2-Fluorobiphenyl
Concen: 67.75 ng
RT: 8.96 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-C

Tgt Ion:172 Resp: 842246

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.3	19.8	29.8

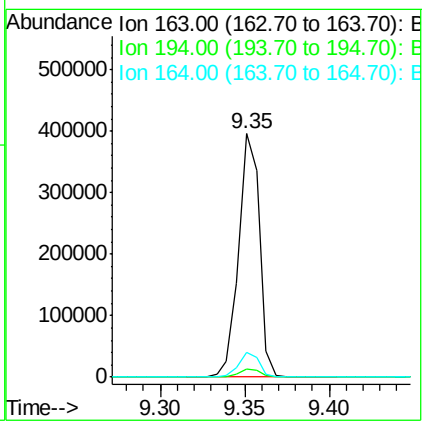


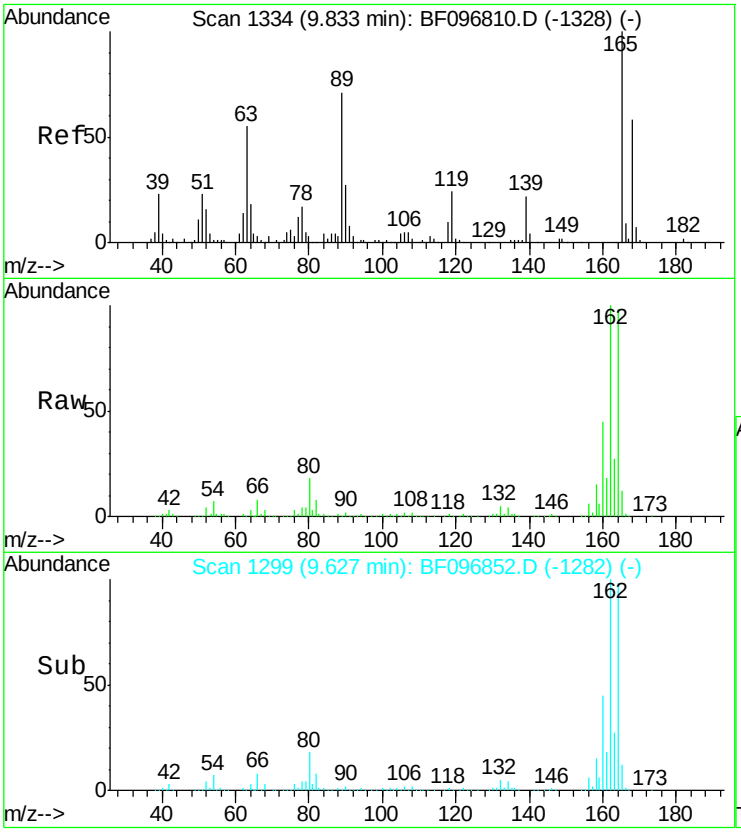


#49
Dimethylphthalate
Concen: 23.06 ng
RT: 9.35 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Tgt Ion:163 Resp: 341079

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.4	8.4	12.6



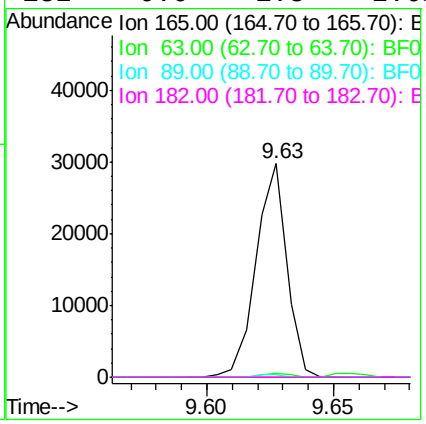


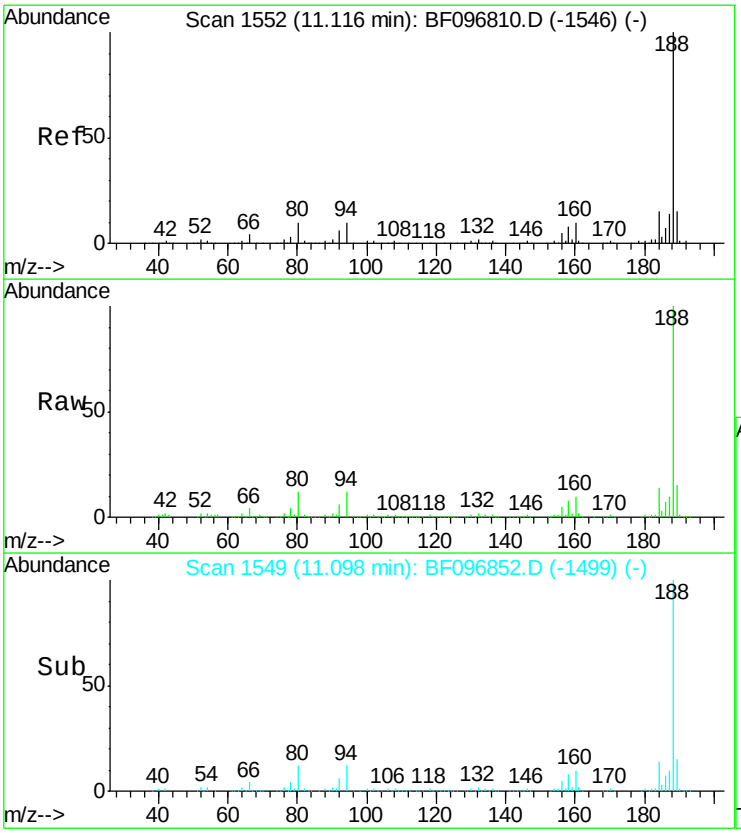
#56
2,4-Dinitrotoluene
Concen: 6.14 ng
RT: 9.63 min Scan# 1299
Delta R.T. -0.20 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-C

Tgt Ion:165 Resp: 25279

Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#

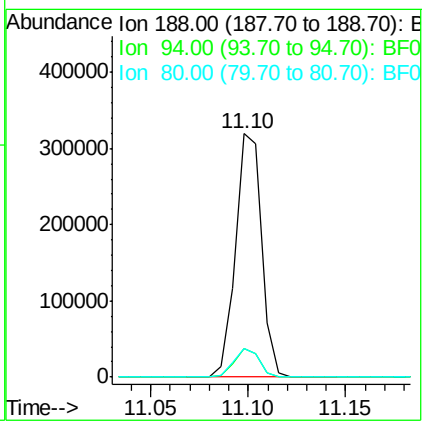


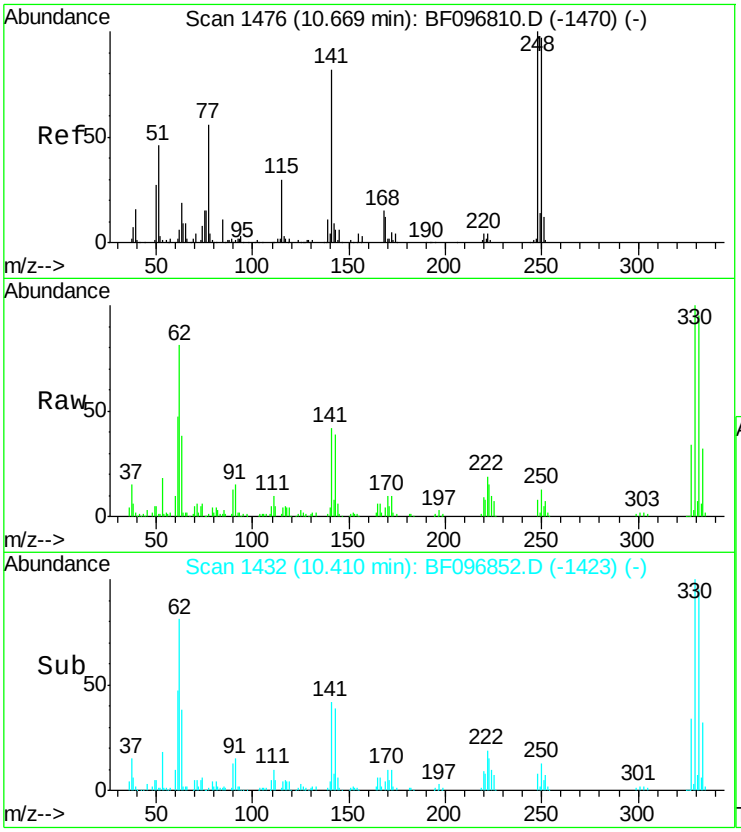


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Tgt Ion:188 Resp: 295940

Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.4	14.2
80	11.6	10.2	15.2



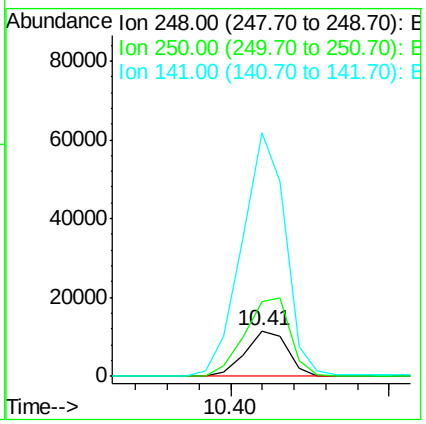


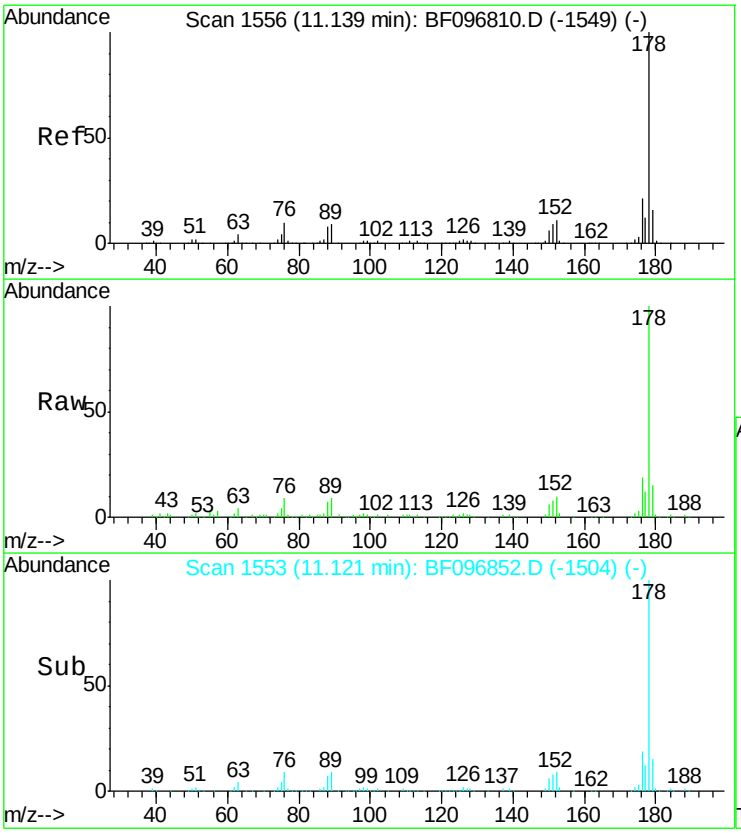
#66
4-Bromophenyl-phenylether
Concen: 3.54 ng
RT: 10.41 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-C

Tgt Ion:248 Resp: 10710

Ion	Ratio	Lower	Upper
248	100		
250	163.6	76.8	115.2#
141	533.7	68.6	103.0#

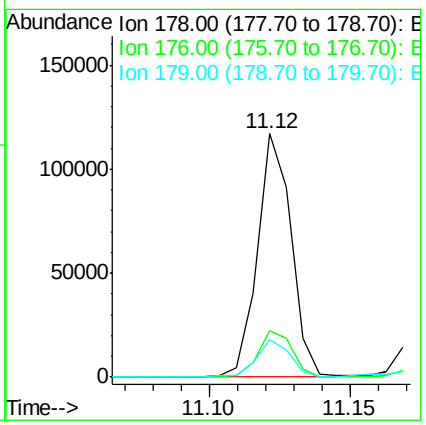


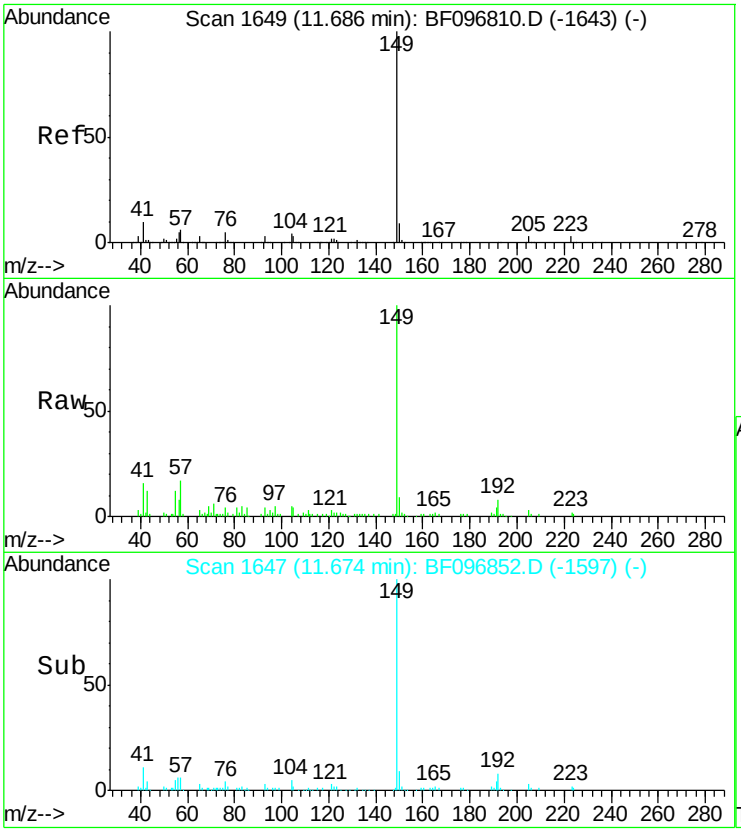


#70
Phenanthrene
Concen: 6.02 ng
RT: 11.12 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Tgt Ion:178 Resp: 96803

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	15.2	12.6	19.0



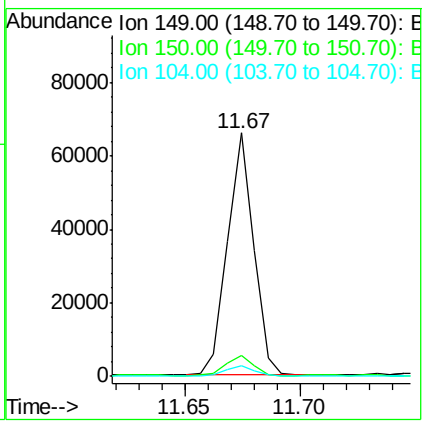


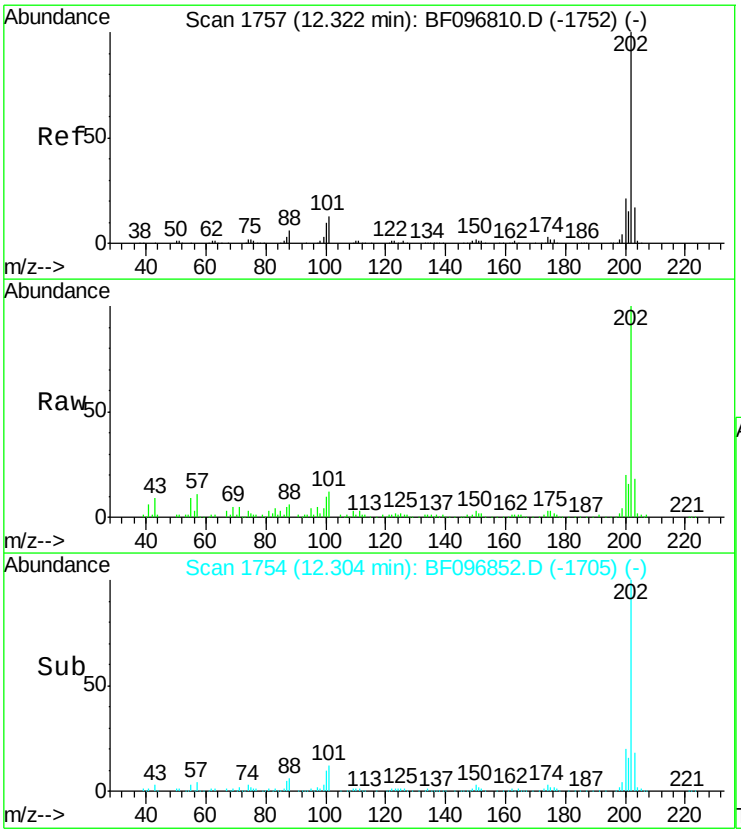
#73
Di-n-butylphthalate
Concen: 2.64 ng
RT: 11.67 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-C

Tgt Ion:149 Resp: 51703

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.7	11.5
104	4.5	4.0	6.0

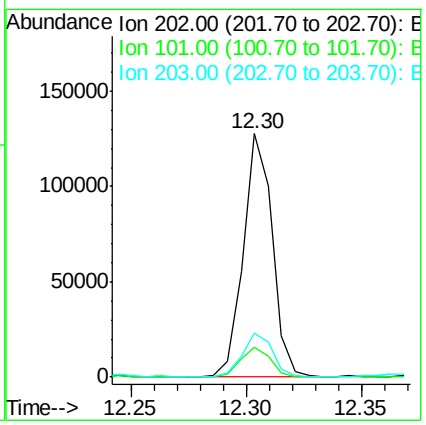


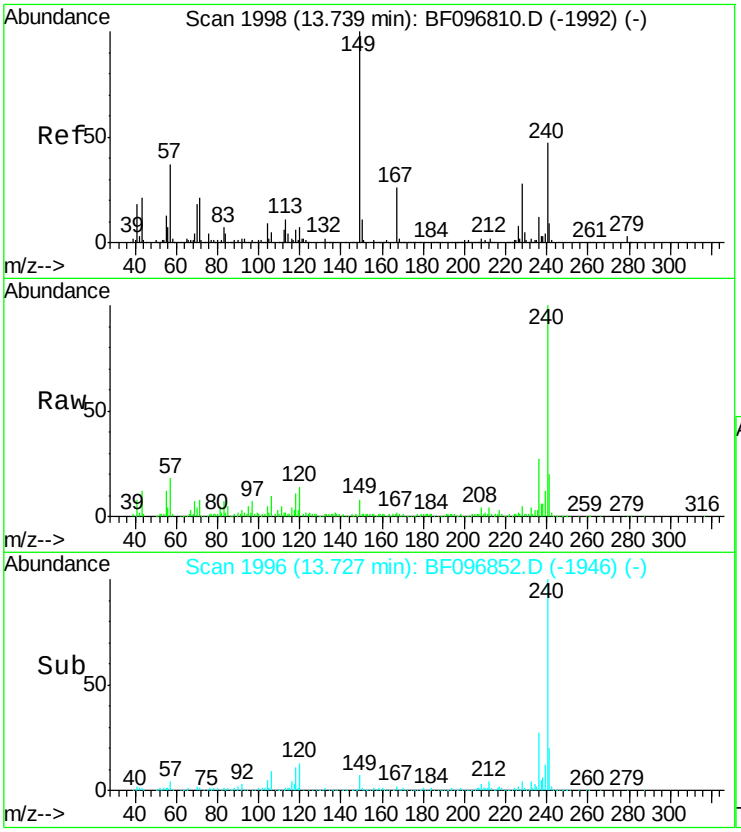


#74
Fluoranthene
Concen: 7.31 ng
RT: 12.30 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Tgt Ion:202 Resp: 112556

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	33.2
203	18.0	0.0	38.1



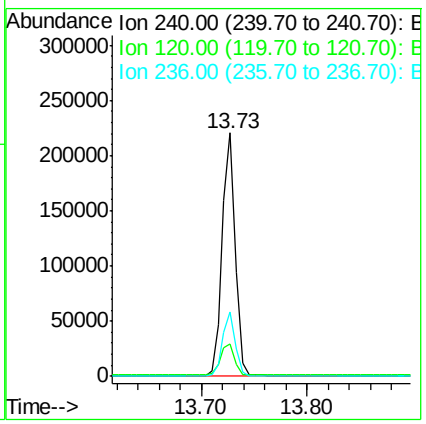


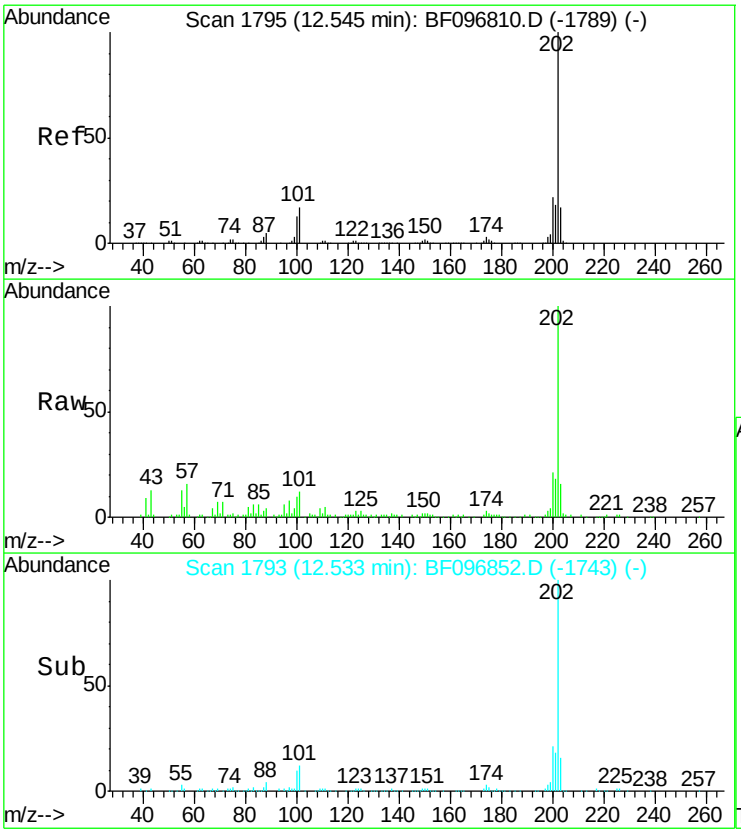
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-C

Tgt Ion:240 Resp: 193166

Ion	Ratio	Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	26.6	20.5	30.7

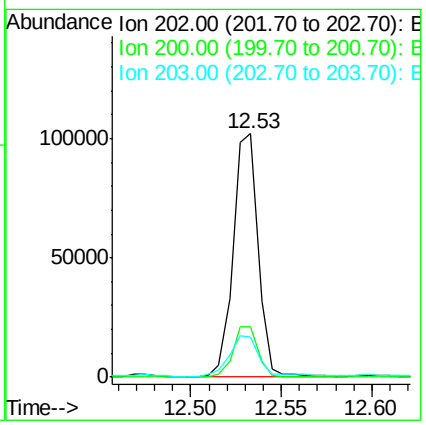


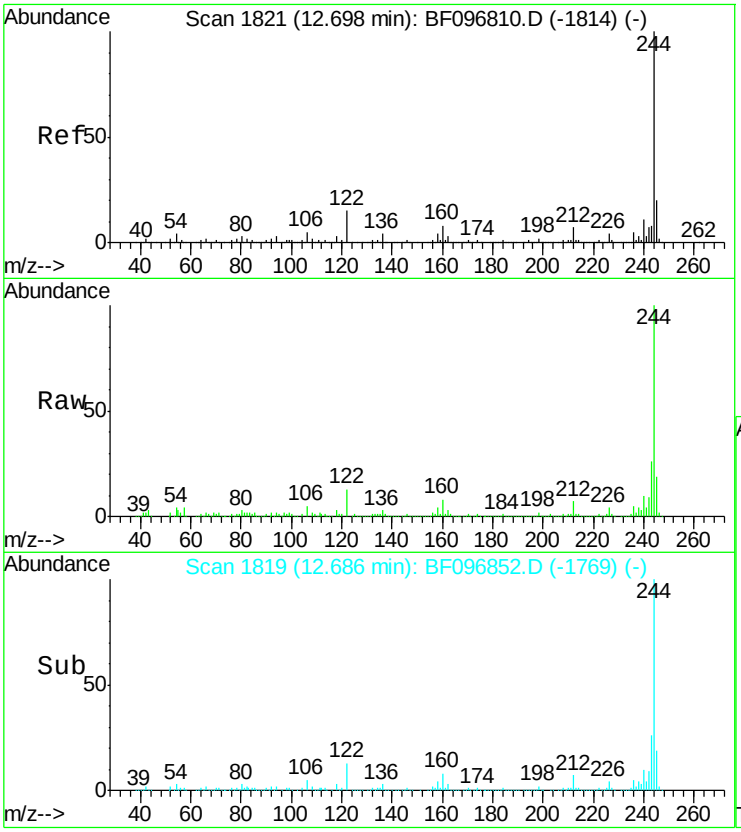


#77
Pyrene
Concen: 5.63 ng
RT: 12.53 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Tgt Ion:202 Resp: 98642

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	16.5	14.4	21.6



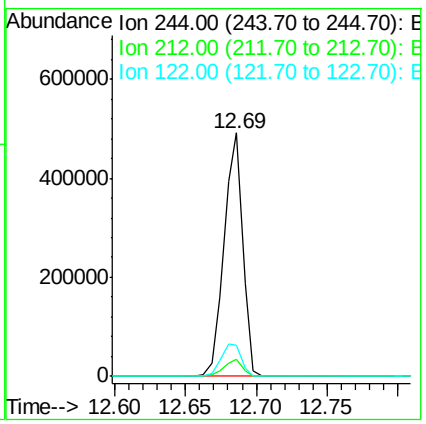


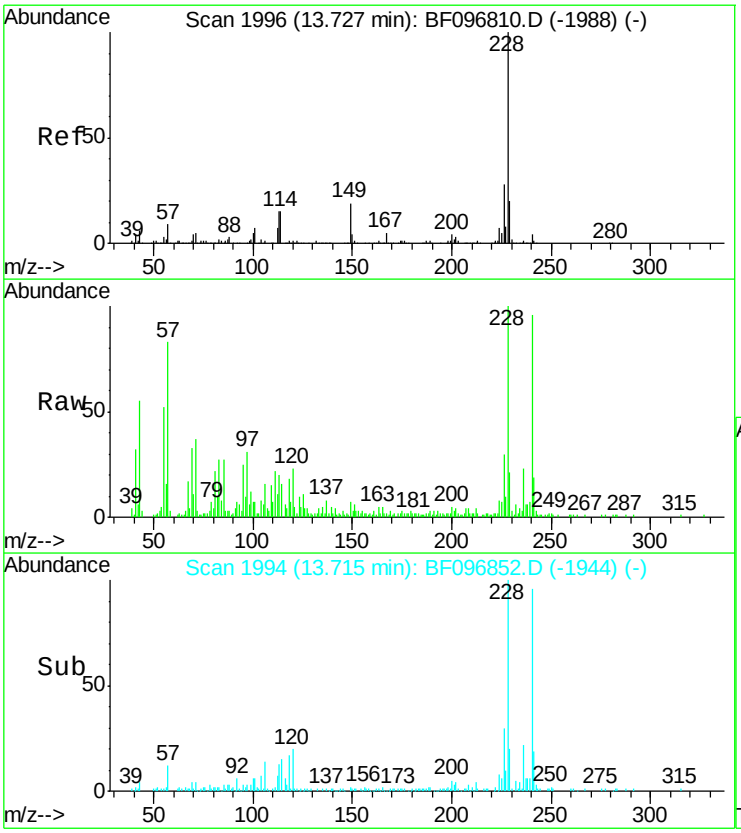
#78
Terphenyl-d14
Concen: 40.52 ng
RT: 12.69 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-C

Tgt Ion:244 Resp: 451270

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	12.9	10.3	15.5

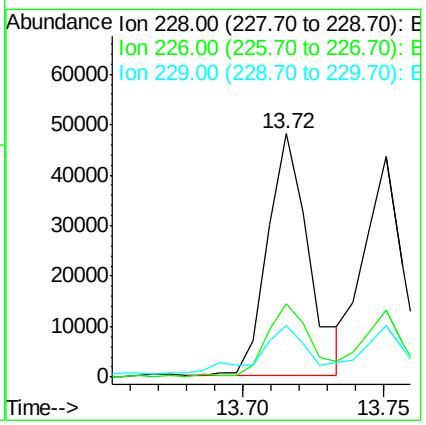


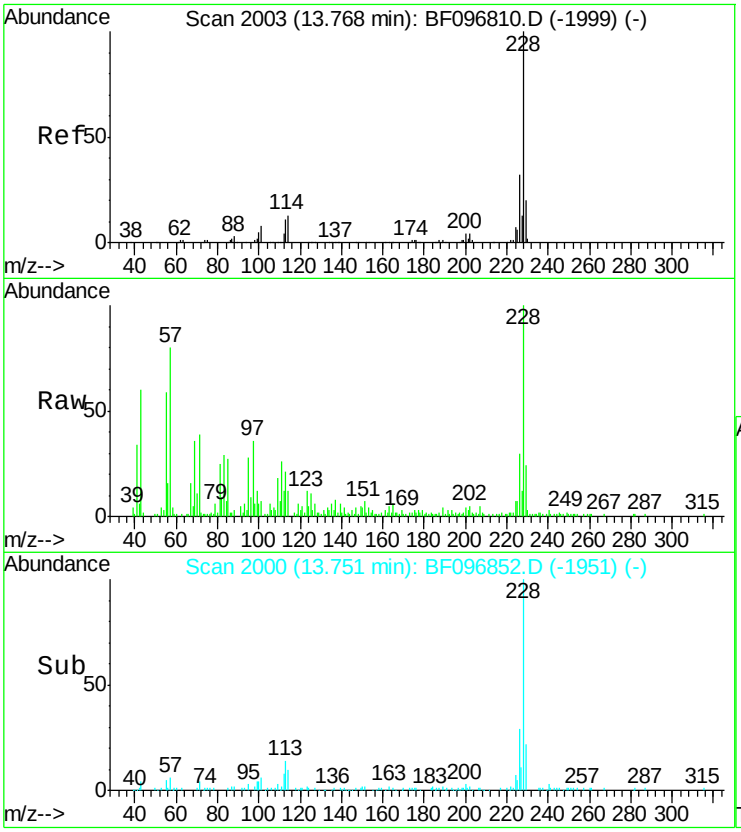


#80
Benzo(a)anthracene
Concen: 4.00 ng
RT: 13.72 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Tgt Ion:228 Resp: 48199

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	33.8
229	21.4	16.3	24.5



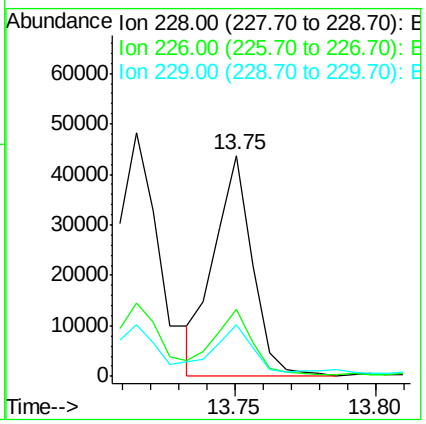


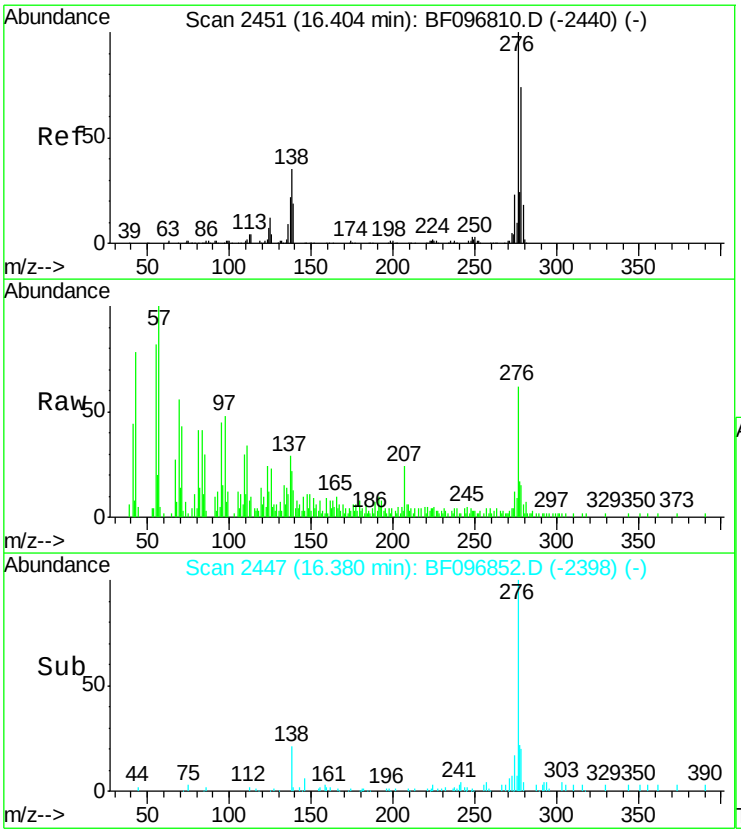
#82
Chrysene
Concen: 3.50 ng
RT: 13.75 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-C

Tgt Ion:228 Resp: 41426

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	23.6	15.8	23.6

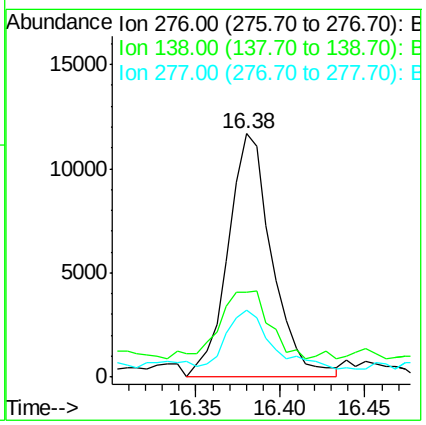


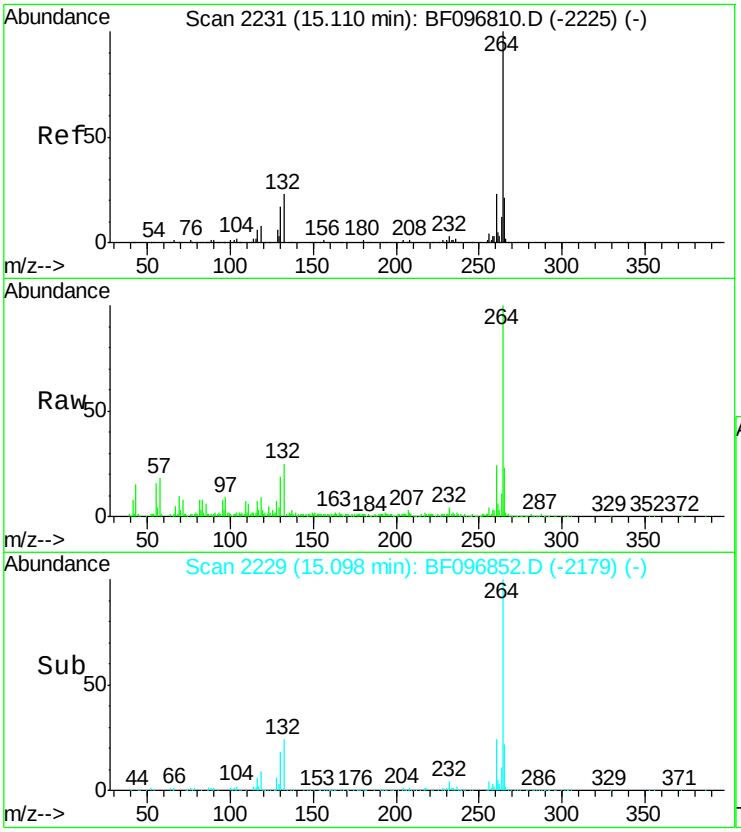


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.19 ng
RT: 16.38 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Tgt Ion:276 Resp: 21238

Ion	Ratio	Lower	Upper
276	100		
138	32.0	27.8	41.6
277	26.1	20.2	30.4



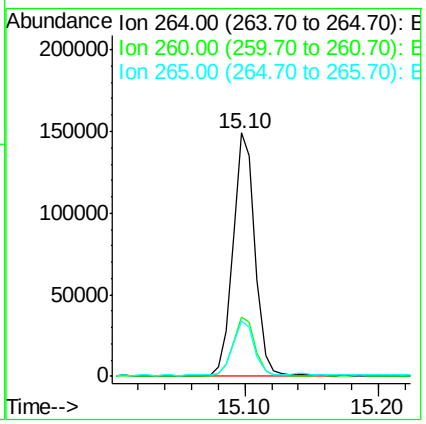


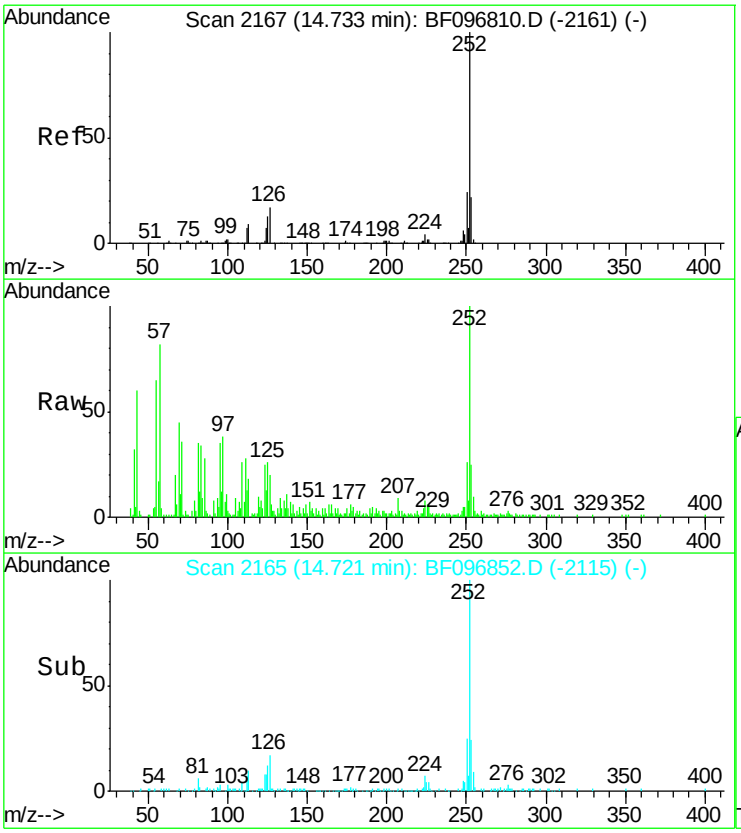
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-C

Tgt Ion:264 Resp: 172550

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.6	17.2	25.8

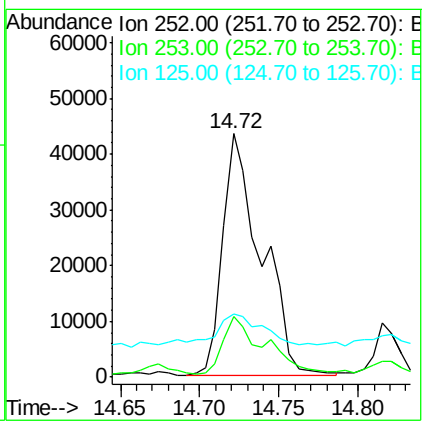


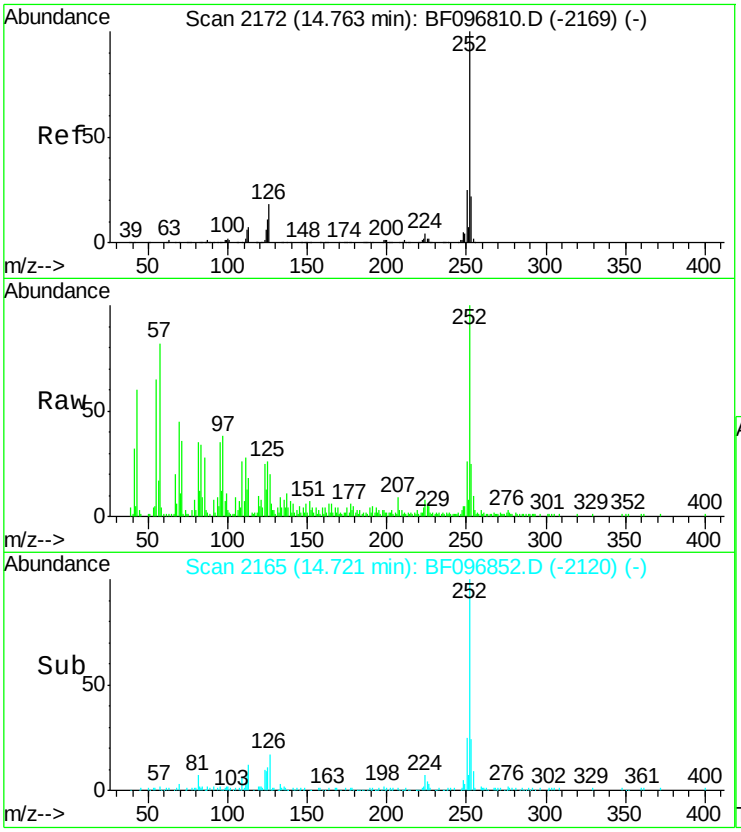


#87
Benzo(b)fluoranthene
Concen: 7.07 ng
RT: 14.72 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Tgt Ion:252 Resp: 73566

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.1	27.1
125	26.2	9.8	14.8#



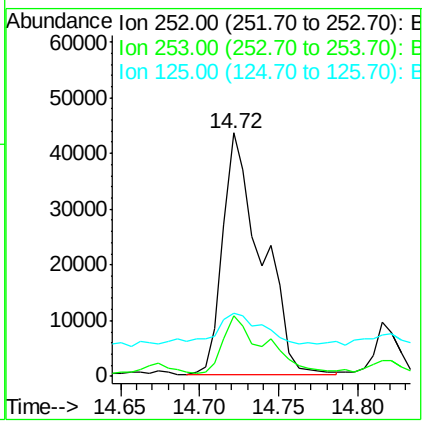


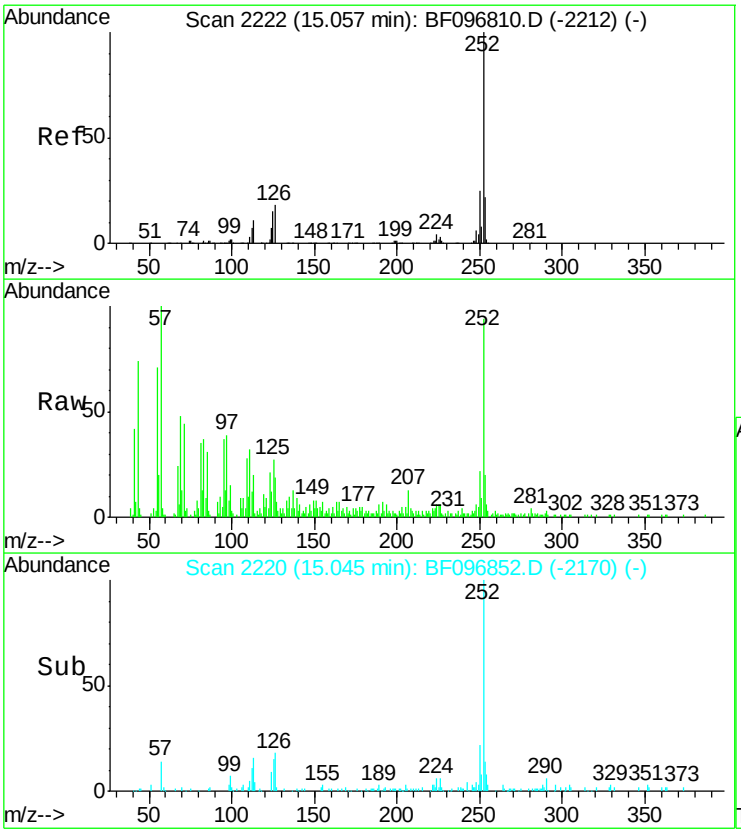
#88
Benzo(k)fluoranthene
Concen: 7.47 ng
RT: 14.72 min Scan# 2165
Delta R.T. -0.04 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-C

Tgt Ion:252 Resp: 73566

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.4	27.6
125	26.2	13.1	19.7#





#89
Benzo(a)pyrene
Concen: 3.91 ng
RT: 15.04 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Tgt Ion:252 Resp: 37328

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.5	26.3
125	28.5	11.0	16.4#