Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096853.D
Acq On : 18 Jul 2017 18:10
Operator : SJ/JU
Sample : I4245-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Jul 19 01:12:21 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	115413	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	463186	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	177236	20.00	ng		0.00
63) Phenanthrene-d10	11.10	188	245911	20.00	ng		0.00
75) Chrysene-d12	13.73	240	203684	20.00	ng		0.00
86) Perylene-d12	15.11	264	147123	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	670565	87.36	ng		0.00
7) Phenol-d6	6.25	99	787497	85.49	ng		0.00
23) Nitrobenzene-d5	7.16	82	458086	61.26	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	121157	80.08	ng		0.00
44) 2-Fluorobiphenyl	8.96	172	763053	68.02	ng		0.00
78) Terphenyl-d14	12.69	244	464988	39.59	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.26	94	27326	2.62	ng		93
19) n-Nitroso-di-n-propylamine	7.16	70	60777	10.95	ng	#	86
25) Isophorone	7.16	82	454508	32.67	ng	#	67
49) Dimethylphthalate	9.35	163	262000	19.63	ng		100
56) 2,4-Dinitrotoluene	9.63	165	24094	6.49	ng	#	34
60) 4-Chlorophenyl-phenylether	9.99	204	108	Below Cal		#	24
66) 4-Bromophenyl-phenylether	10.42	248	7895	3.14	ng	#	1
70) Phenanthrene	11.13	178	103742	7.76	ng		98
71) Anthracene	11.17	178	38098	2.82	ng		99
74) Fluoranthene	12.31	202	207245	16.19	ng		96
77) Pyrene	12.53	202	204685	11.07	ng		98
80) Benzo(a)anthracene	13.75	228	101530	8.00	ng		97
82) Chrysene	13.75	228	101530	8.13	ng		97
85) Indeno(1,2,3-cd)pyrene	16.40	276	42788	6.88	ng		93
87) Benzo(b)fluoranthene	14.73	252	144453	16.28	ng	#	87
88) Benzo(k)fluoranthene	14.73	252	144453	17.19	ng	#	91
89) Benzo(a)pyrene	15.05	252	73328	9.01	ng	#	85
91) Benzo(g,h,i)perylene	16.78	276	42219	5.26	ng	#	90

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

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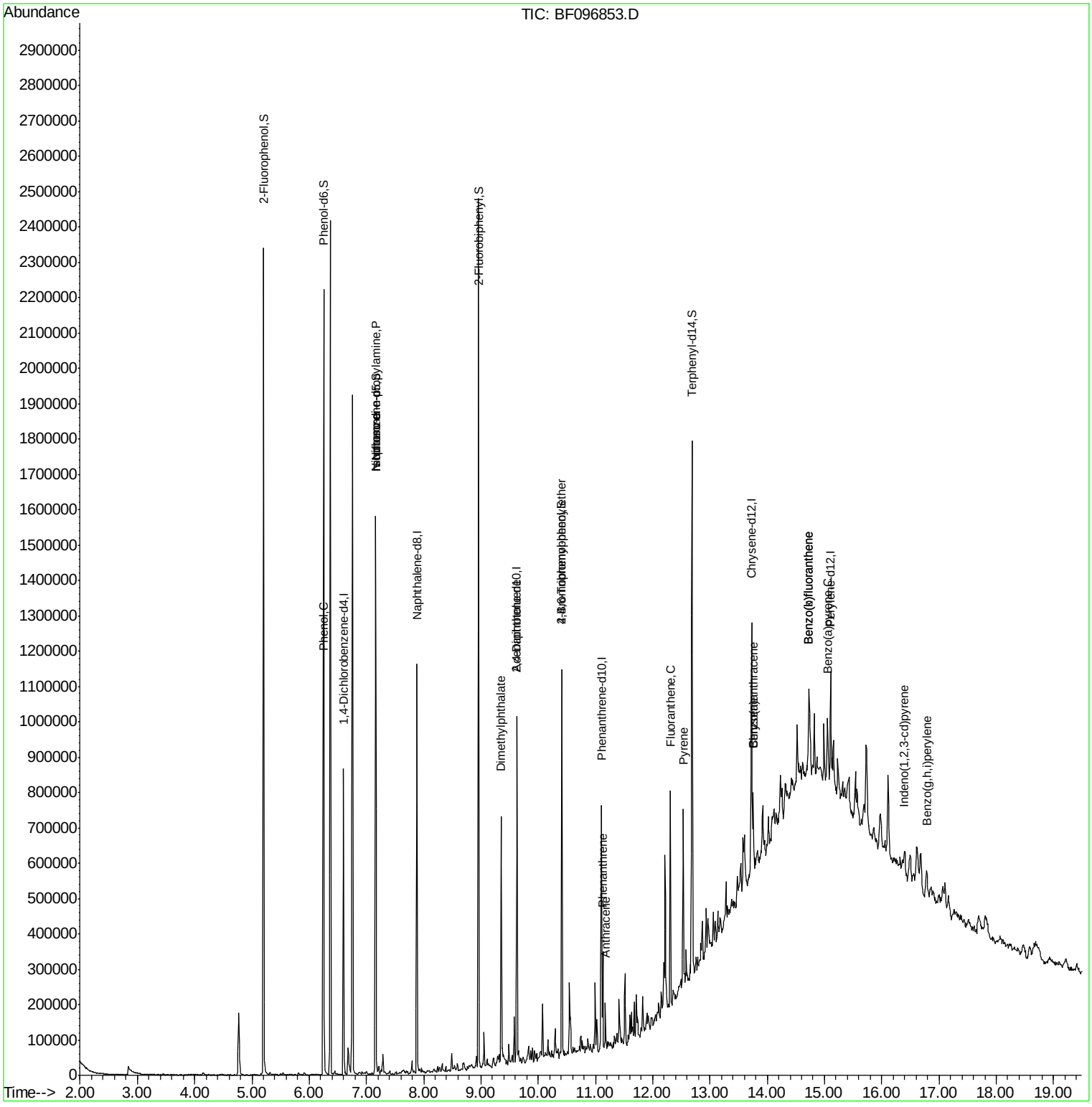
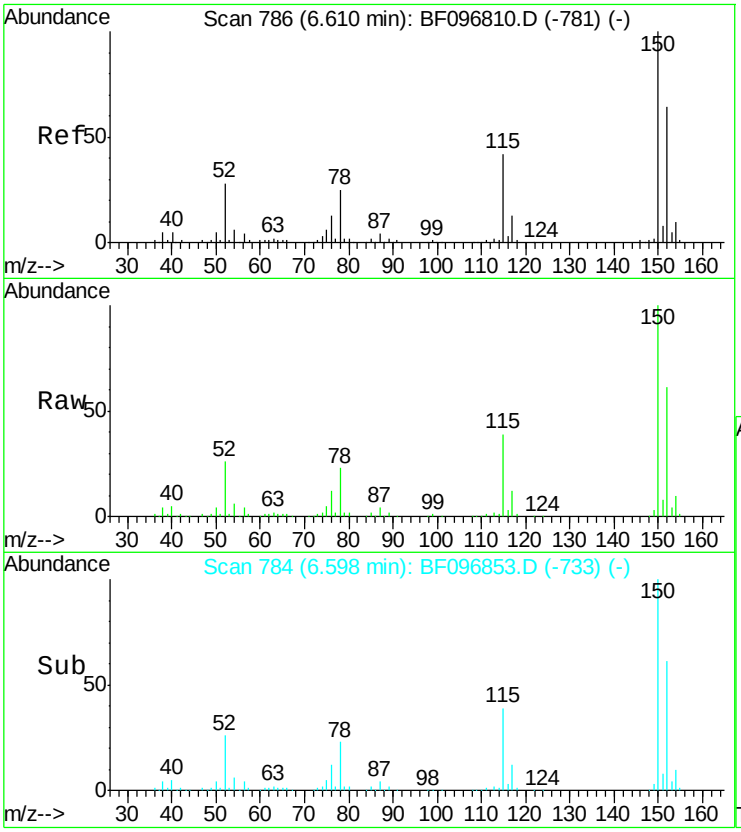


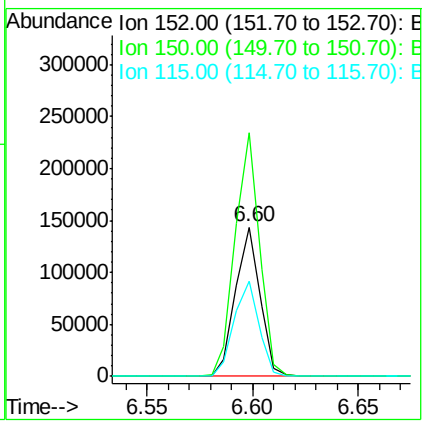


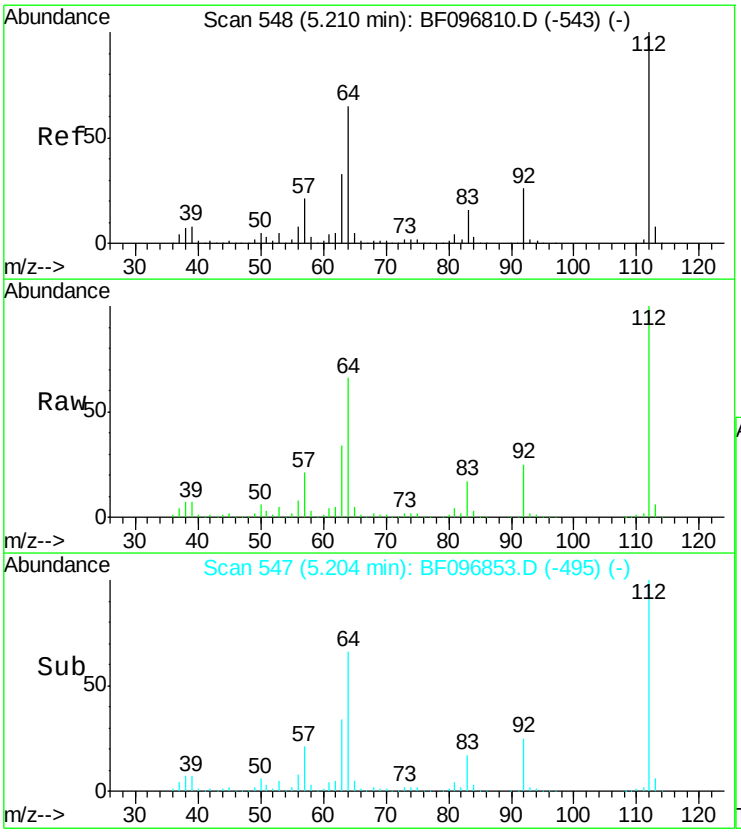
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096853.D
Acq: 18 Jul 2017 18:10

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

Tgt Ion:152 Resp: 115413

Ion	Ratio	Lower	Upper
152	100		
150	163.2	126.2	189.2
115	63.9	52.2	78.2

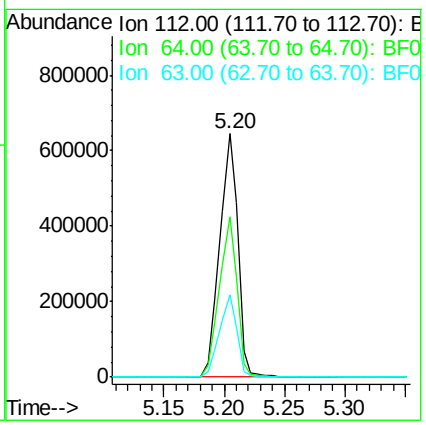


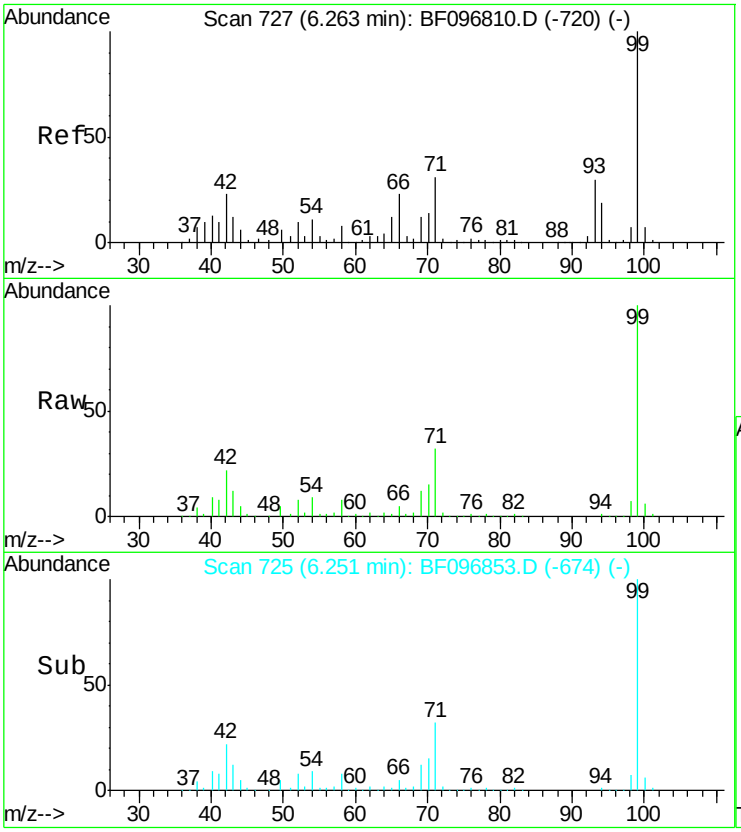


#5
2-Fluorophenol
Concen: 87.36 ng
RT: 5.20 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF096853.D
Acq: 18 Jul 2017 18:10

Tgt Ion:112 Resp: 670565

Ion	Ratio	Lower	Upper
112	100		
64	65.7	46.0	69.0
63	33.6	23.4	35.0



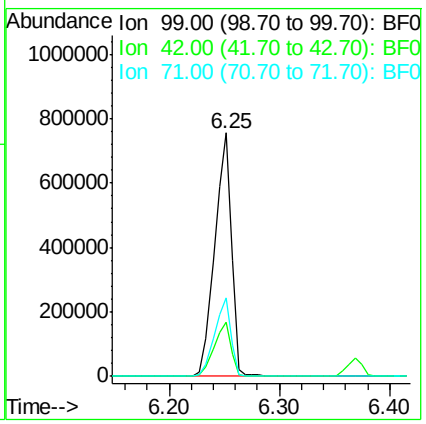


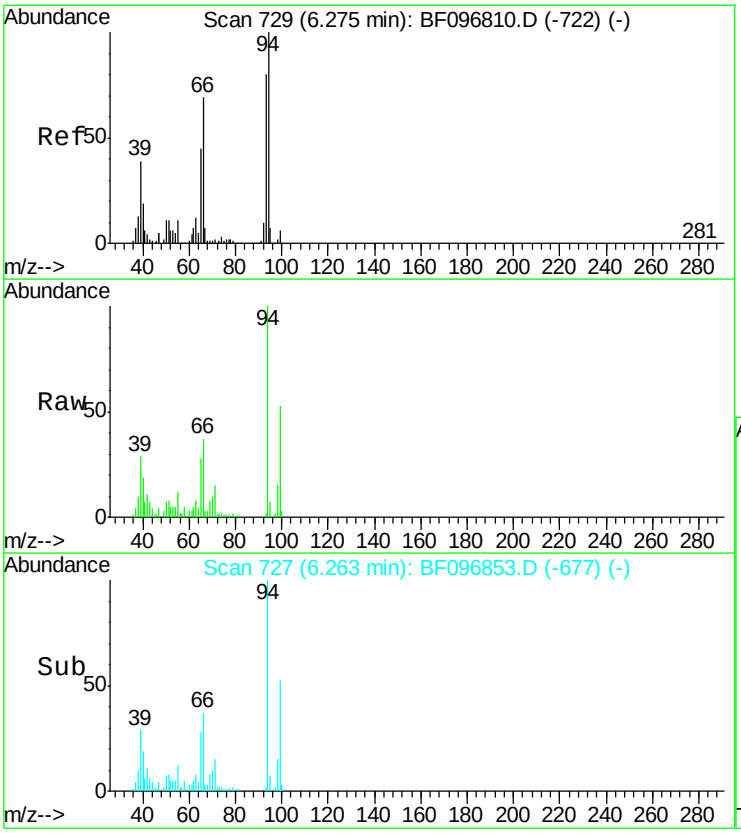
#7
Phenol-d6
Concen: 85.49 ng
RT: 6.25 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF096853.D
Acq: 18 Jul 2017 18:10

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

Tgt Ion: 99 Resp: 787497

Ion	Ratio	Lower	Upper
99	100		
42	22.3	13.5	20.3#
71	32.0	24.5	36.7

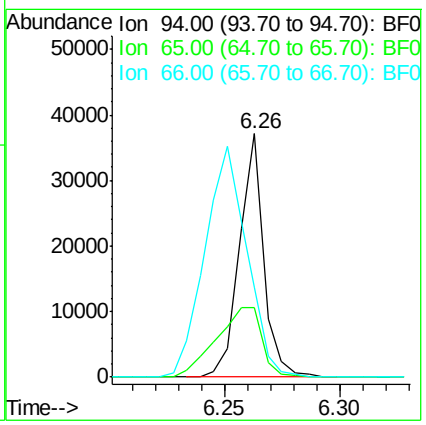


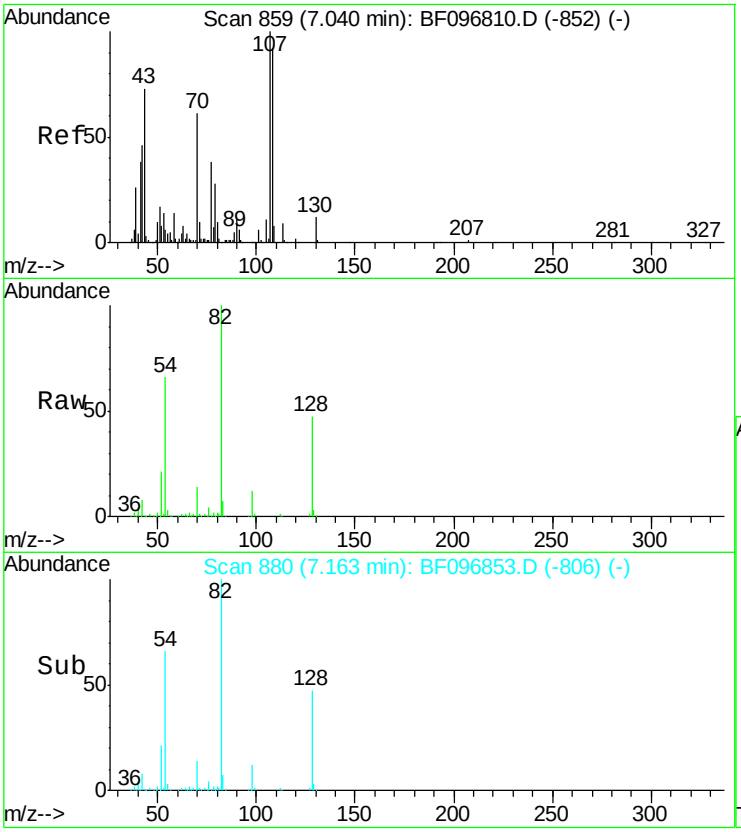


#10
Phenol
Concen: 2.62 ng
RT: 6.26 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF096853.D
Acq: 18 Jul 2017 18:10

Tgt Ion: 94 Resp: 27326

Ion	Ratio	Lower	Upper
94	100		
65	28.4	9.9	49.9
66	37.2	23.1	63.1



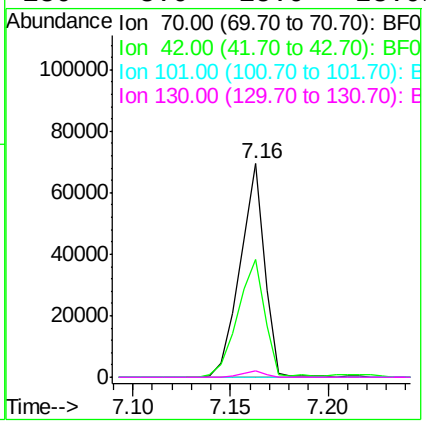


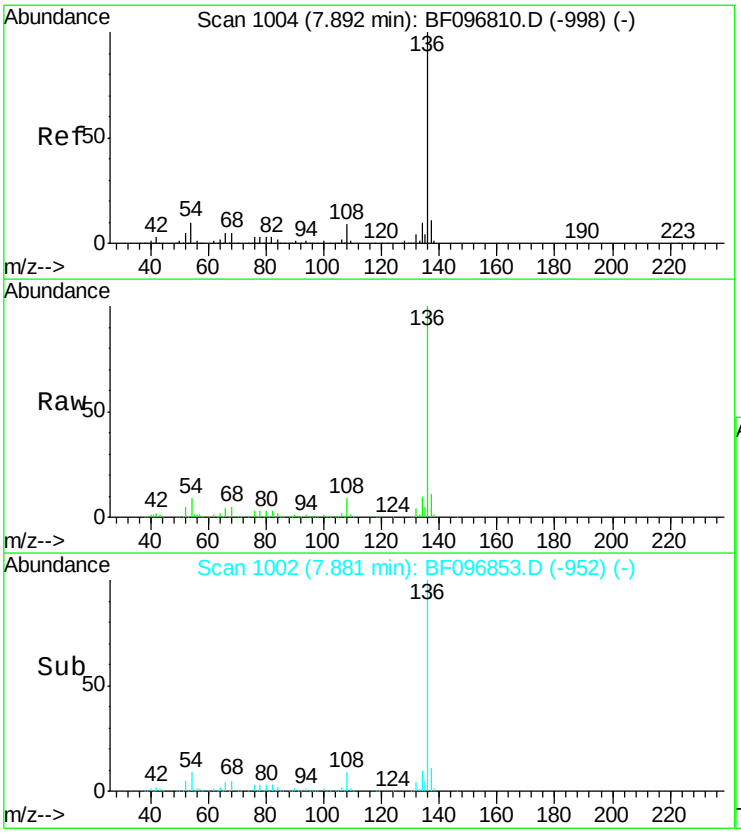
#19
n-Nitroso-di-n-propylamine
Concen: 10.95 ng
RT: 7.16 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF096853.D
Acq: 18 Jul 2017 18:10

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

Tgt Ion: 70 Resp: 60777

Ion	Ratio	Lower	Upper
70	100		
42	55.0	47.2	70.8
101	0.0	7.2	10.8#
130	3.0	15.9	23.9#

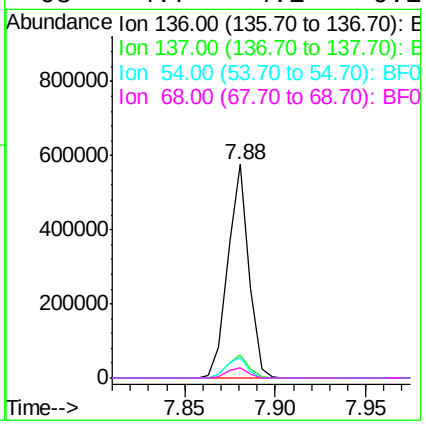


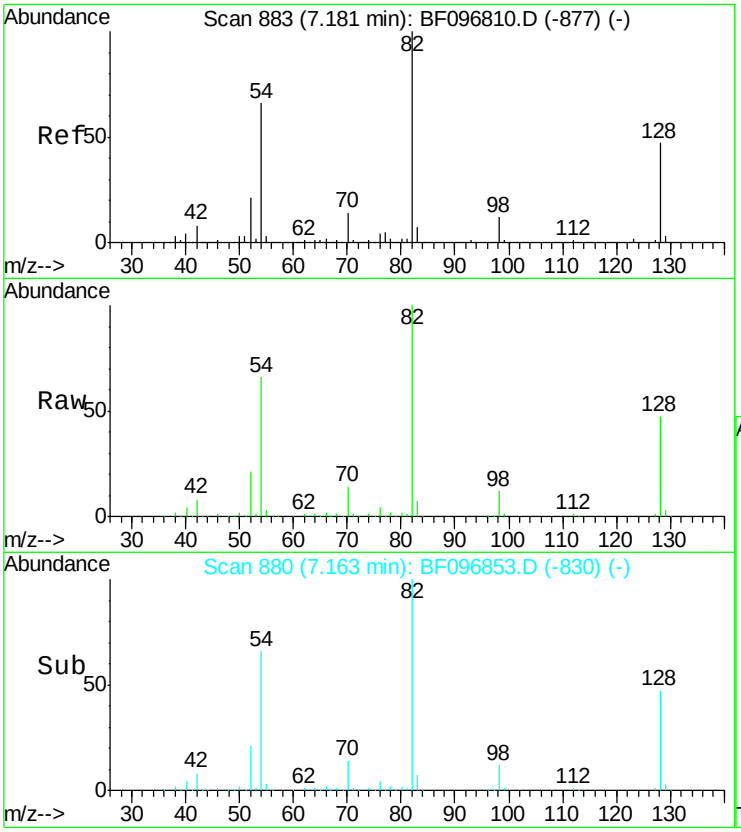


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF096853.D
Acq: 18 Jul 2017 18:10

Tgt Ion:136 Resp: 463186

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	9.3	4.9	7.3#
68	4.7	4.1	6.1



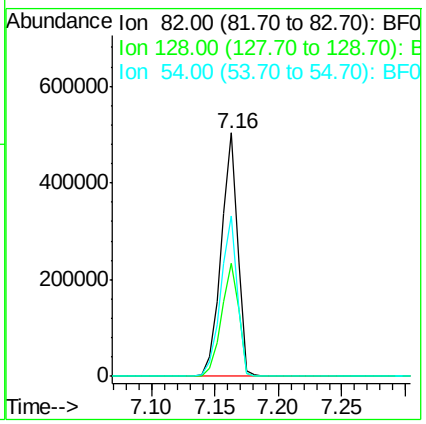


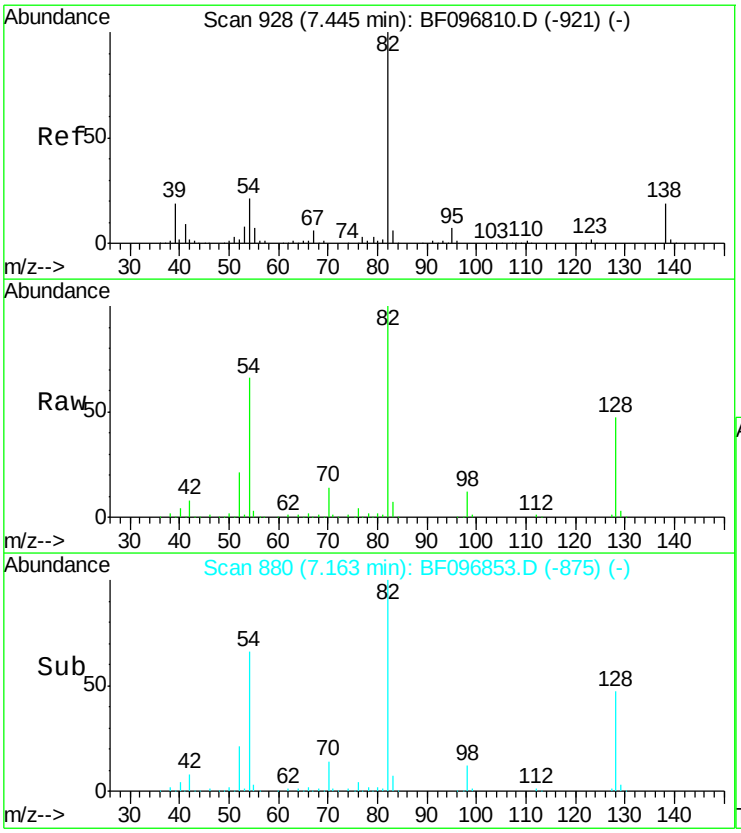
#23
Nitrobenzene-d5
Concen: 61.26 ng
RT: 7.16 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF096853.D
Acq: 18 Jul 2017 18:10

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

Tgt Ion: 82 Resp: 458086

Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	65.7	42.2	63.2#

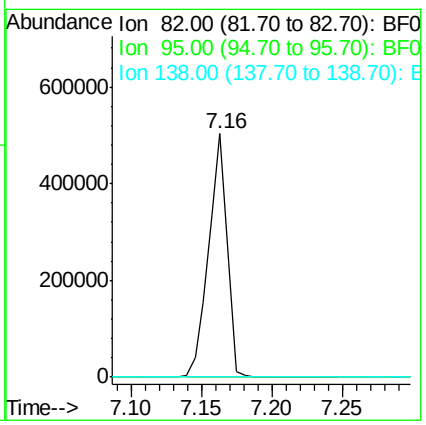


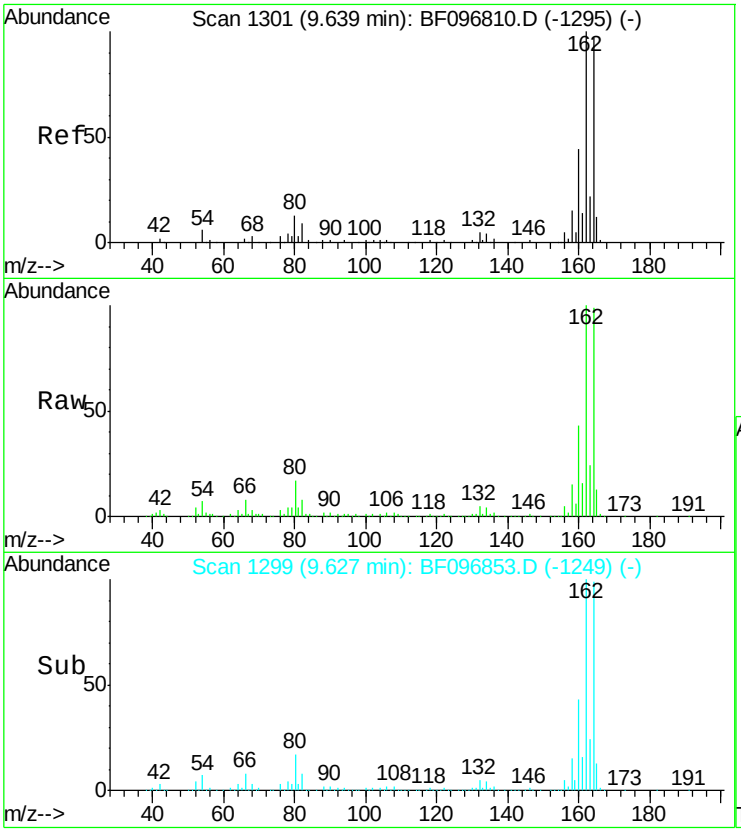


#25
Isophorone
Concen: 32.67 ng
RT: 7.16 min Scan# 880
Delta R.T. -0.27 min
Lab File: BF096853.D
Acq: 18 Jul 2017 18:10

Tgt Ion: 82 Resp: 454508

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

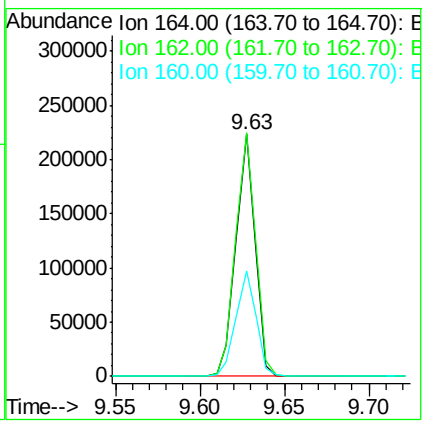




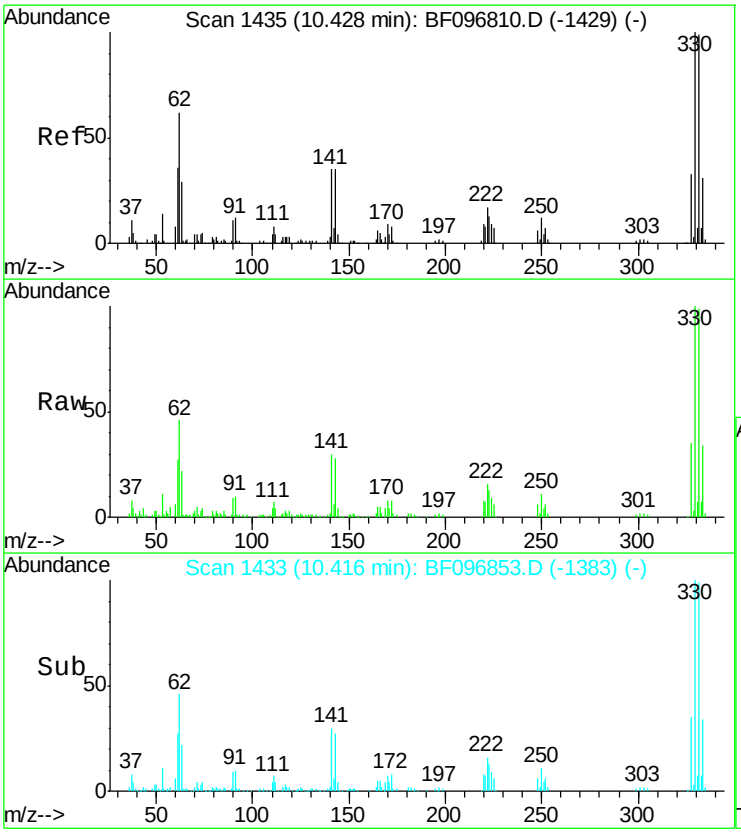
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF096853.D
Acq: 18 Jul 2017 18:10

Tgt Ion:164 Resp: 177236

Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.6	123.8
160	43.4	36.2	54.2



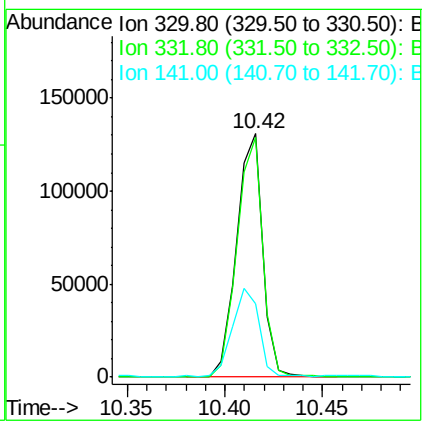
Instrument :
BNA_F
ClientSampleId :
PL-01-071717-D

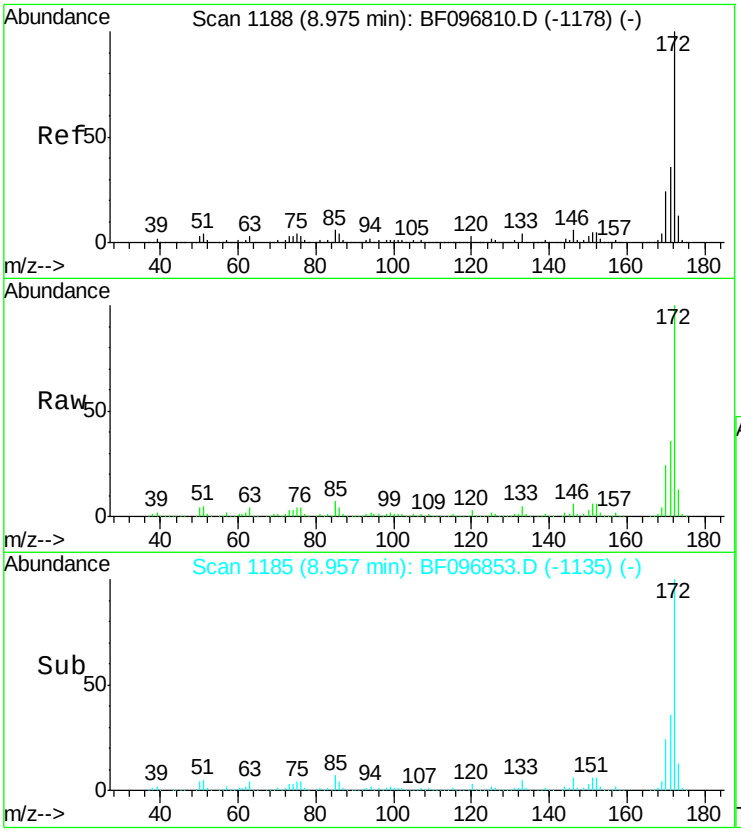


#41
2,4,6-Tribromophenol
Concen: 80.08 ng
RT: 10.42 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF096853.D
Acq: 18 Jul 2017 18:10

Tgt Ion:330 Resp: 121157

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	115.0
141	37.3	31.4	47.2



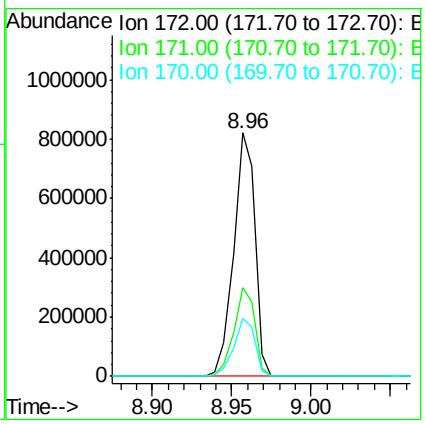


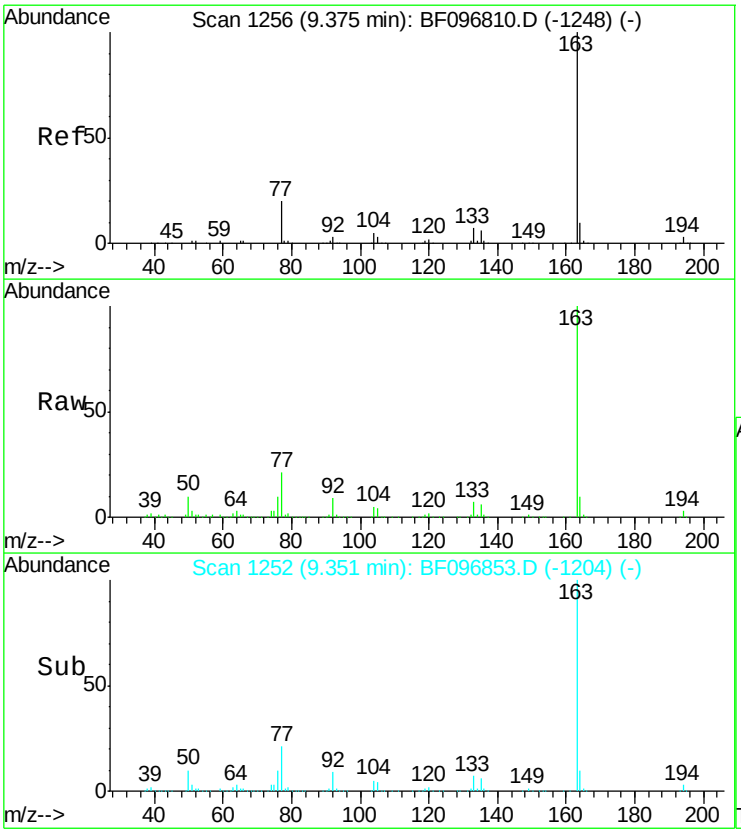
#44
2-Fluorobiphenyl
Concen: 68.02 ng
RT: 8.96 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF096853.D
Acq: 18 Jul 2017 18:10

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

Tgt Ion:172 Resp: 763053

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

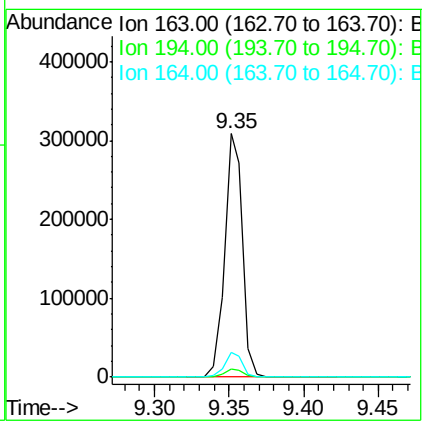


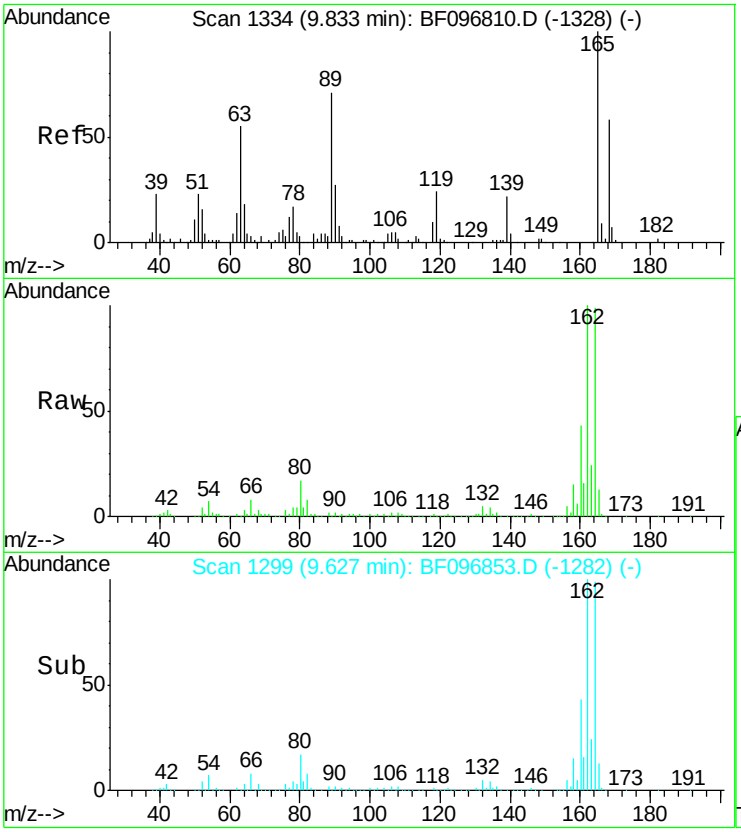


#49
Dimethylphthalate
Concen: 19.63 ng
RT: 9.35 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF096853.D
Acq: 18 Jul 2017 18:10

Tgt Ion:163 Resp: 262000

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.3	8.4	12.6



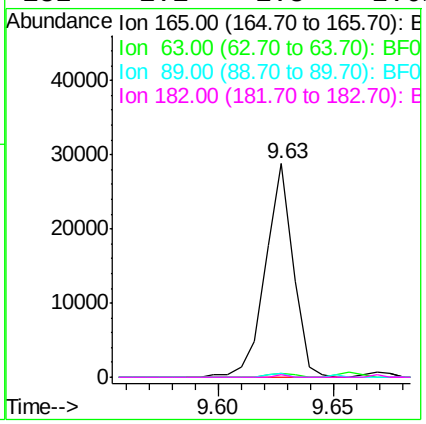


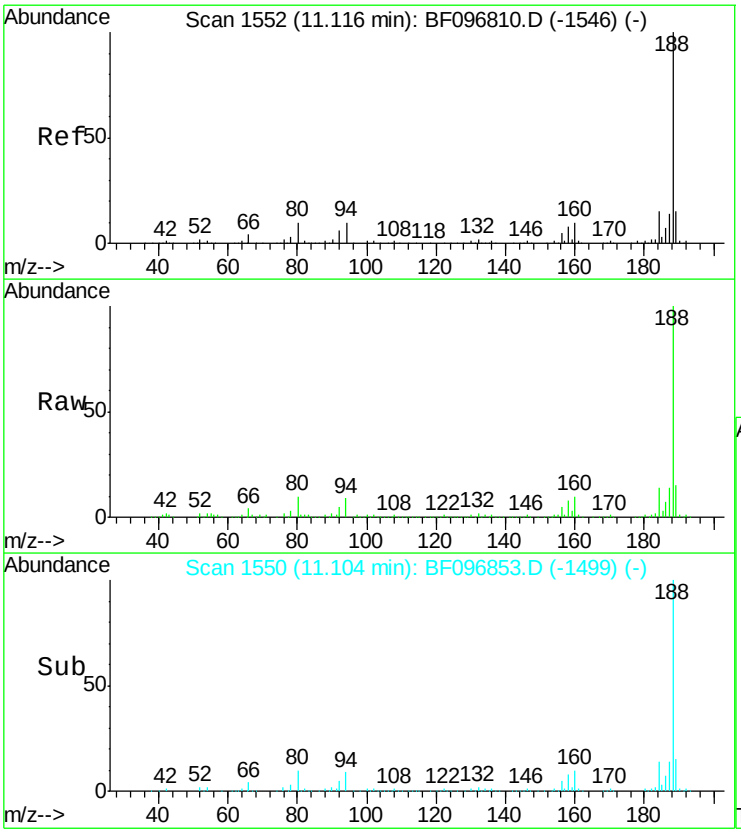
#56
2,4-Dinitrotoluene
Concen: 6.49 ng
RT: 9.63 min Scan# 1299
Delta R.T. -0.20 min
Lab File: BF096853.D
Acq: 18 Jul 2017 18:10

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

Tgt Ion:165 Resp: 24094

Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	2.0	46.4	69.6#
182	1.1	1.8	2.6#

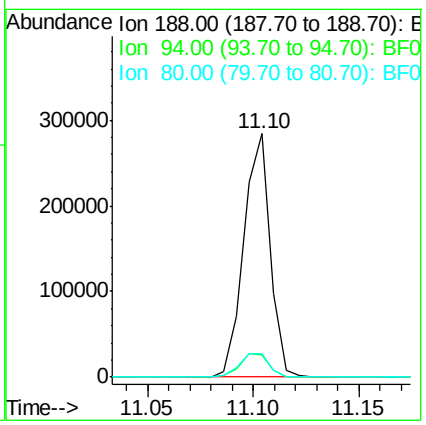


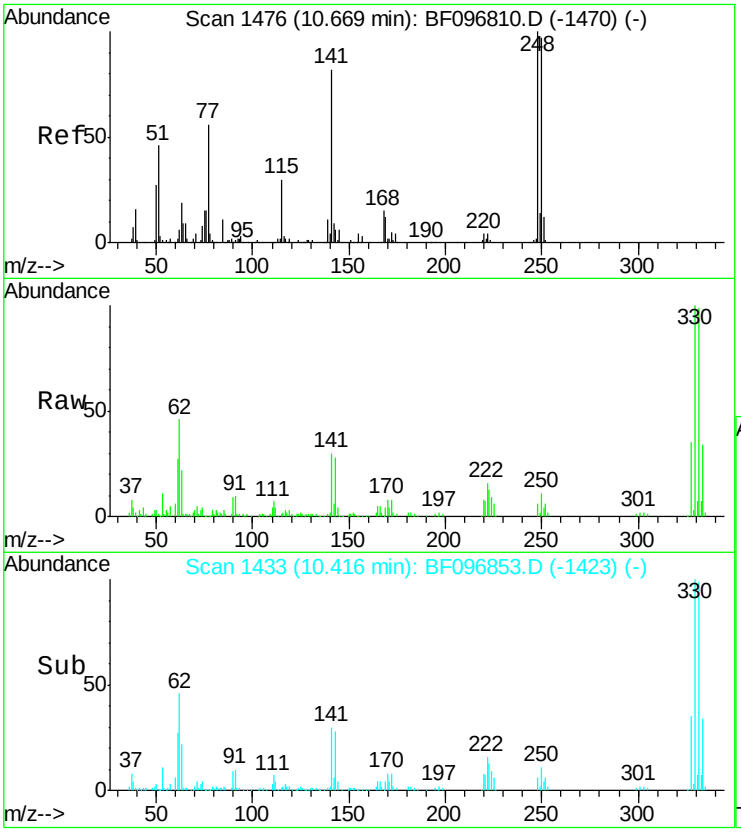


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF096853.D
Acq: 18 Jul 2017 18:10

Tgt Ion:188 Resp: 245911

Ion	Ratio	Lower	Upper
188	100		
94	9.2	9.4	14.2#
80	9.9	10.2	15.2#



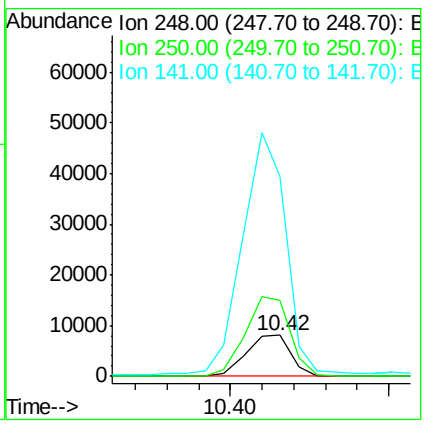


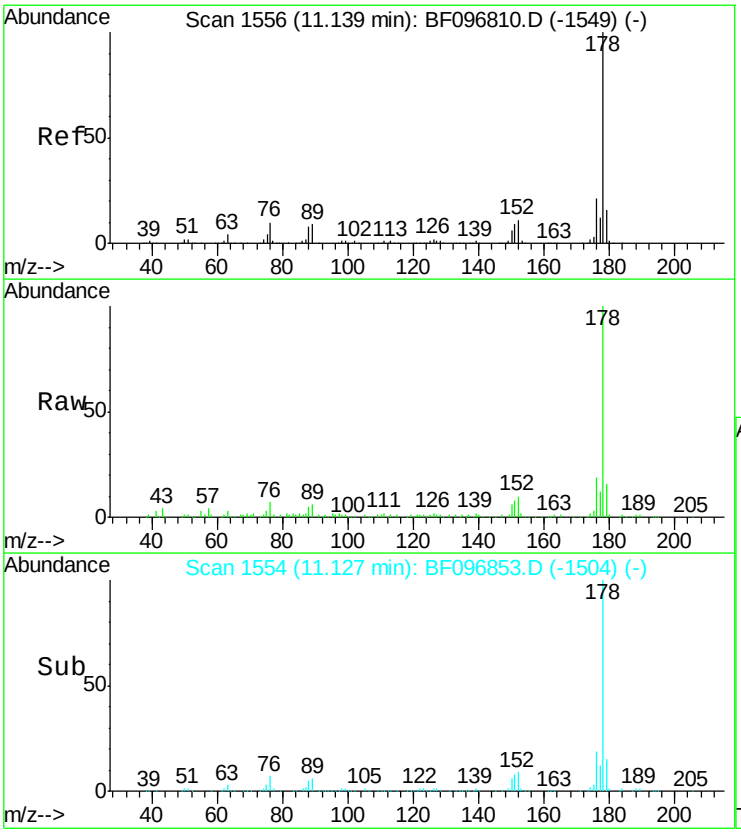
#66
4-Bromophenyl-phenylether
Concen: 3.14 ng
RT: 10.42 min Scan# 1433
Delta R.T. -0.24 min
Lab File: BF096853.D
Acq: 18 Jul 2017 18:10

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

Tgt Ion:248 Resp: 7895

Ion	Ratio	Lower	Upper
248	100		
250	185.1	76.8	115.2#
141	488.2	68.6	103.0#

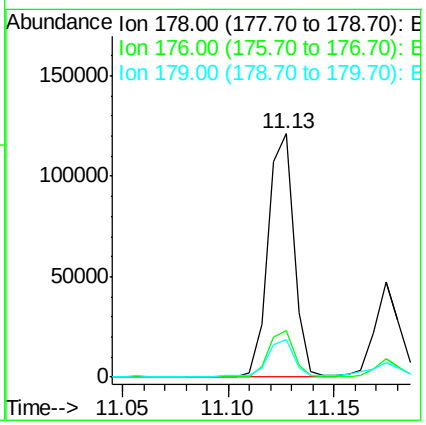


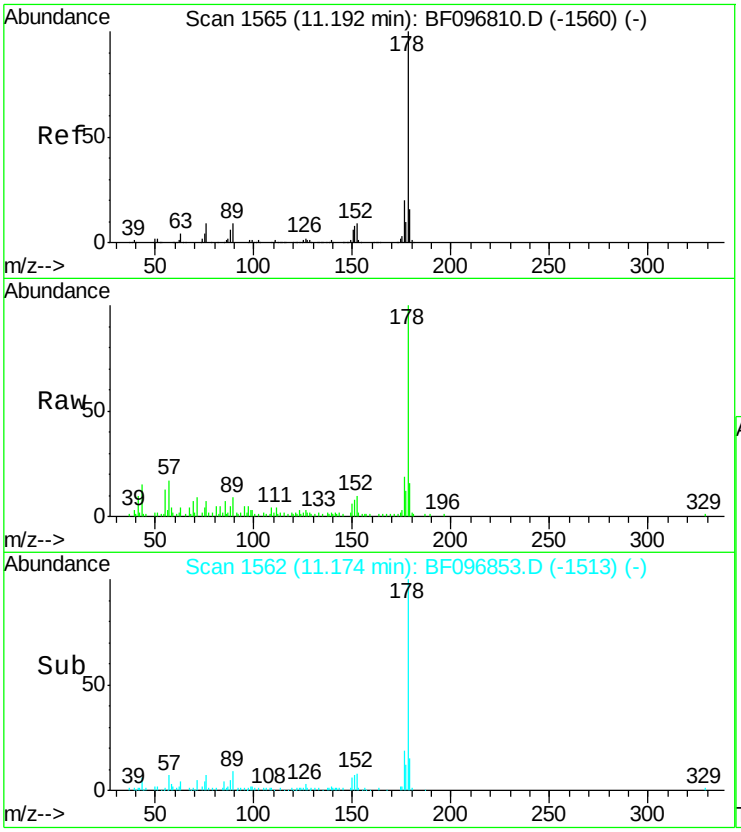


#70
Phenanthrene
Concen: 7.76 ng
RT: 11.13 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096853.D
Acq: 18 Jul 2017 18:10

Tgt Ion:178 Resp: 103742

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	15.6	12.6	19.0



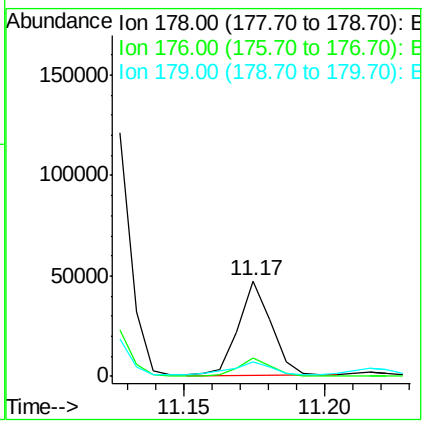


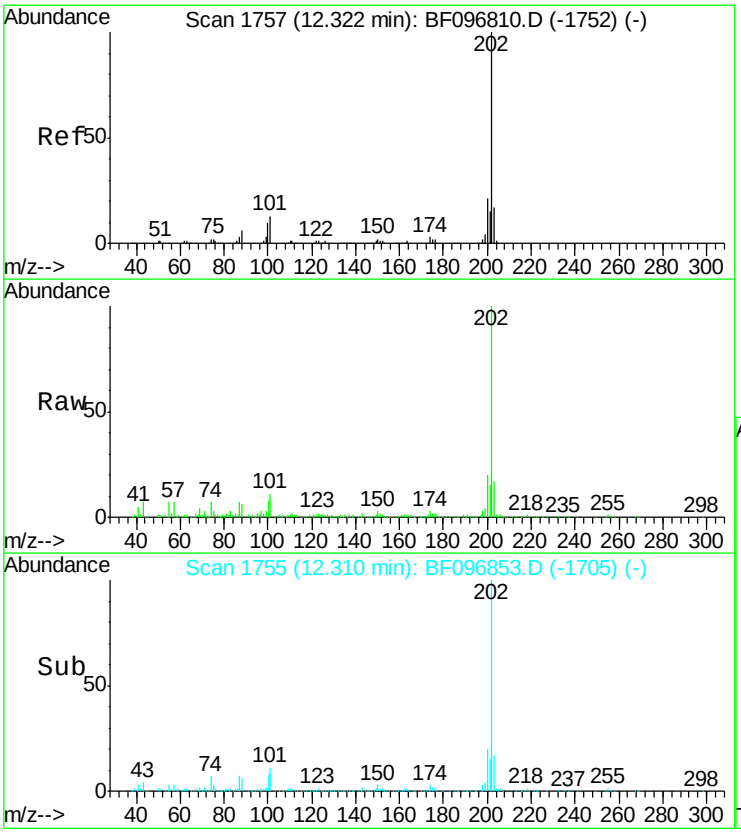
#71
Anthracene
Concen: 2.82 ng
RT: 11.17 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF096853.D
Acq: 18 Jul 2017 18:10

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

Tgt Ion:178 Resp: 38098

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.7	12.7	19.1

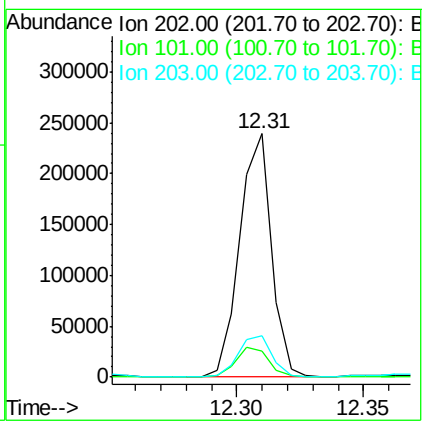


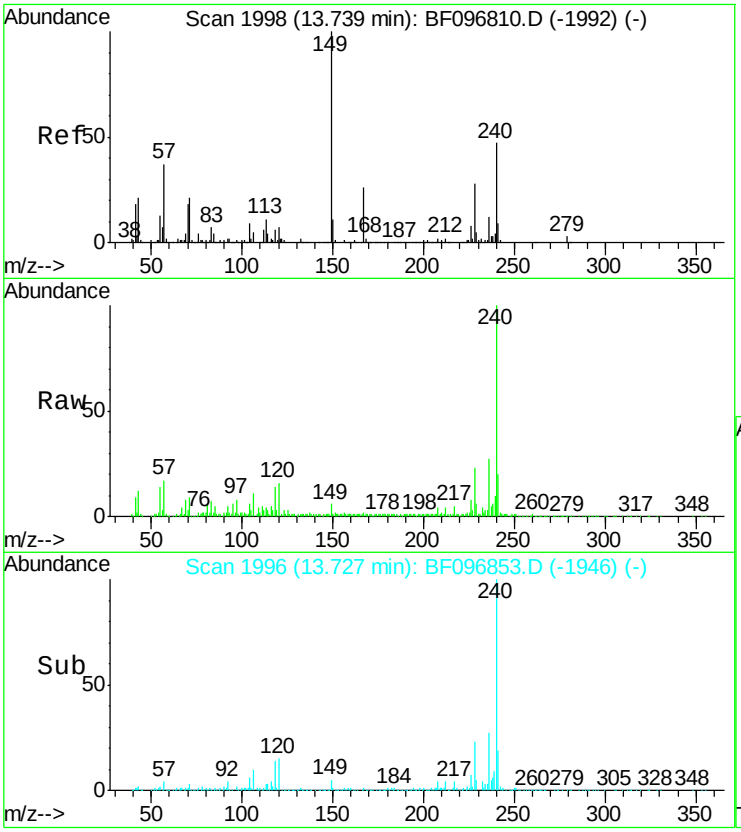


#74
Fluoranthene
Concen: 16.19 ng
RT: 12.31 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF096853.D
Acq: 18 Jul 2017 18:10

Tgt Ion:202 Resp: 207245

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	33.2
203	17.0	0.0	38.1



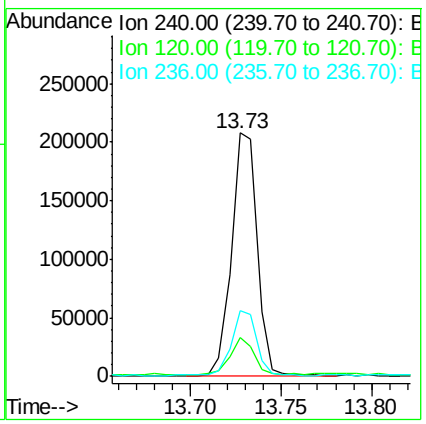


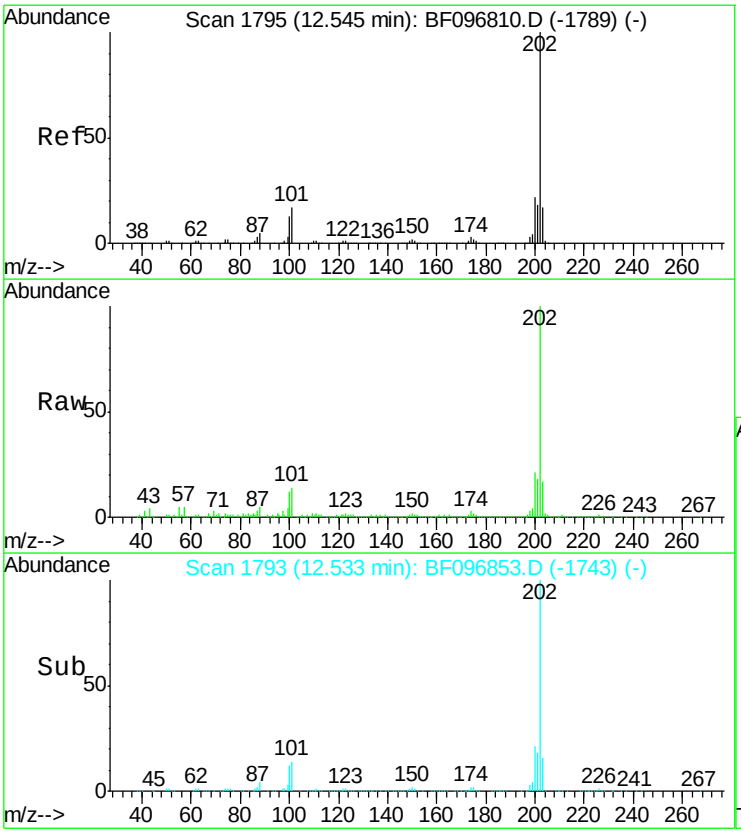
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF096853.D
Acq: 18 Jul 2017 18:10

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

Tgt Ion:240 Resp: 203684

Ion	Ratio	Lower	Upper
240	100		
120	16.0	5.8	8.8#
236	27.1	20.5	30.7

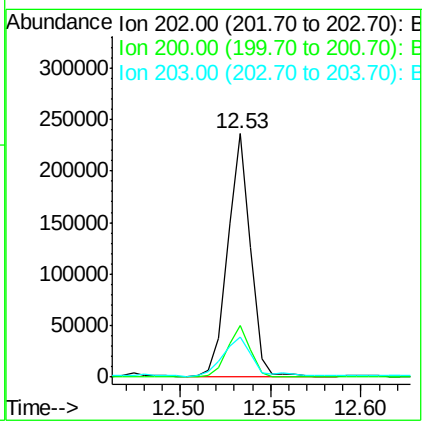


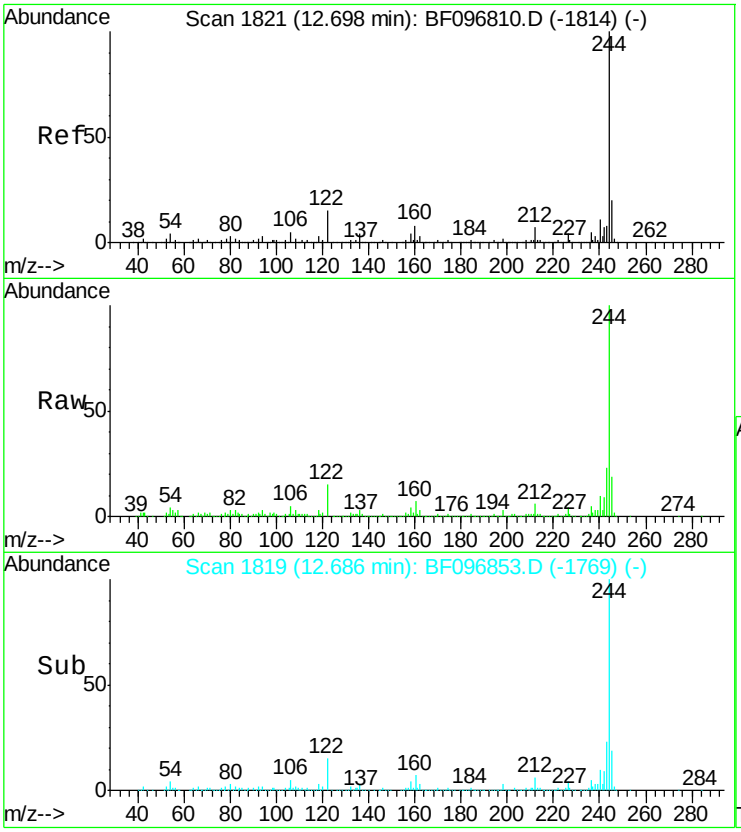


#77
Pyrene
Concen: 11.07 ng
RT: 12.53 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF096853.D
Acq: 18 Jul 2017 18:10

Tgt Ion:202 Resp: 204685

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	16.7	14.4	21.6



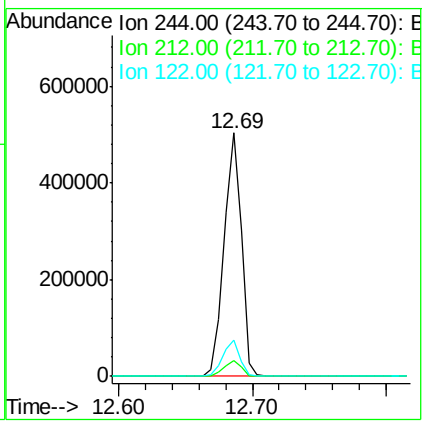


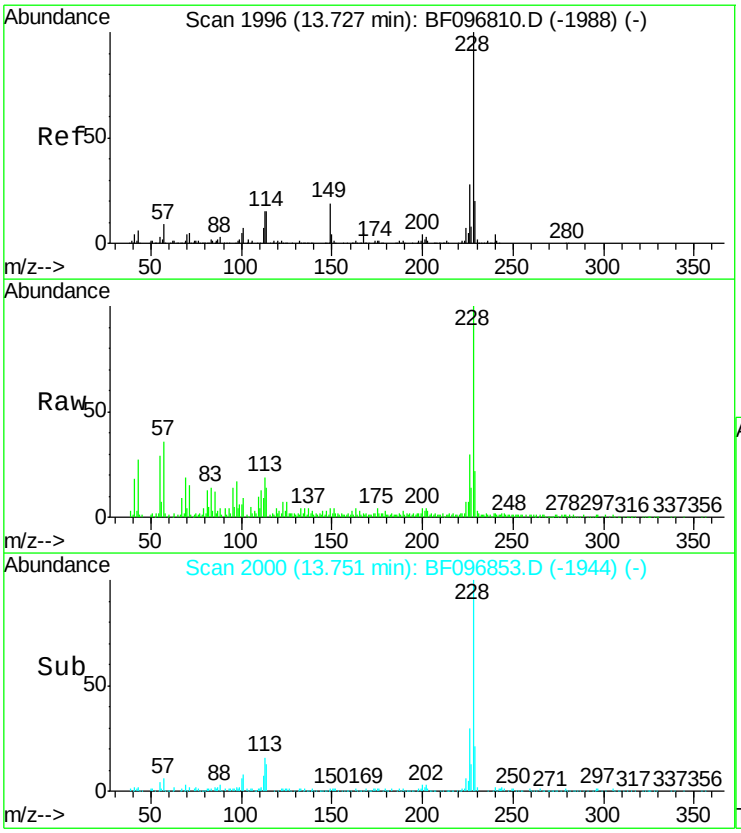
#78
Terphenyl-d14
Concen: 39.59 ng
RT: 12.69 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF096853.D
Acq: 18 Jul 2017 18:10

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

Tgt Ion:244 Resp: 464988

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	15.0	10.3	15.5

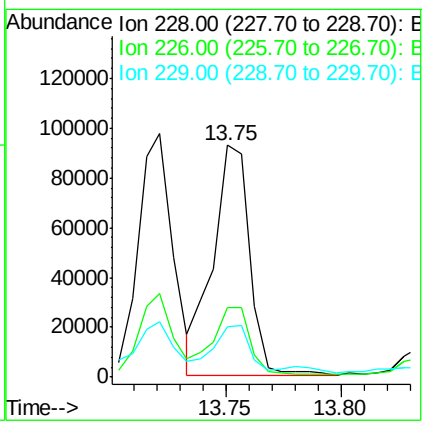


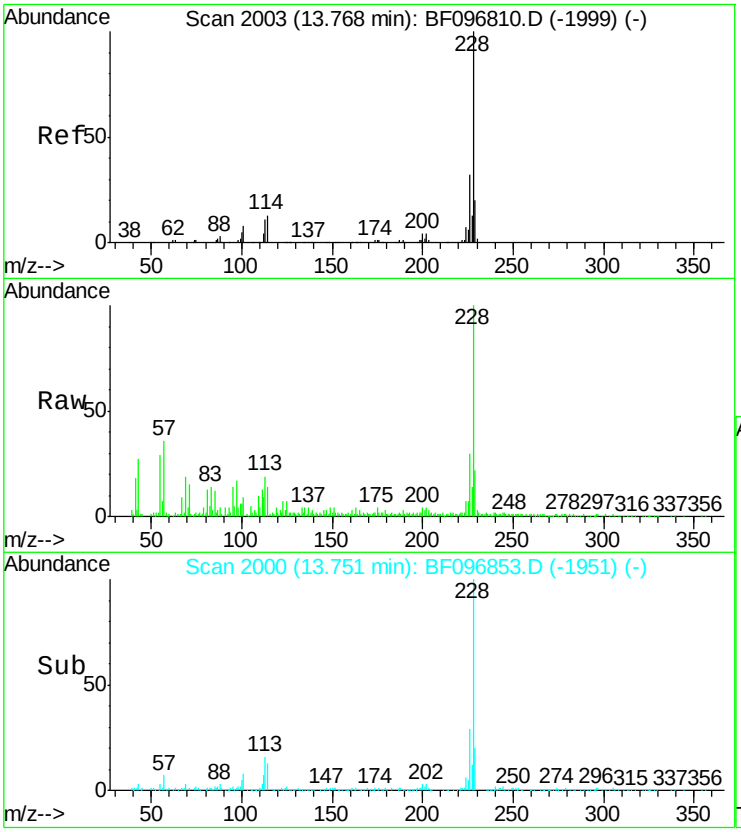


#80
Benzo(a)anthracene
Concen: 8.00 ng
RT: 13.75 min Scan# 2000
Delta R.T. 0.03 min
Lab File: BF096853.D
Acq: 18 Jul 2017 18:10

Tgt Ion:228 Resp: 101530

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	33.8
229	21.6	16.3	24.5



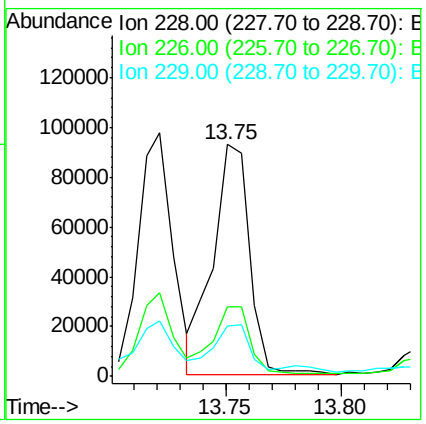


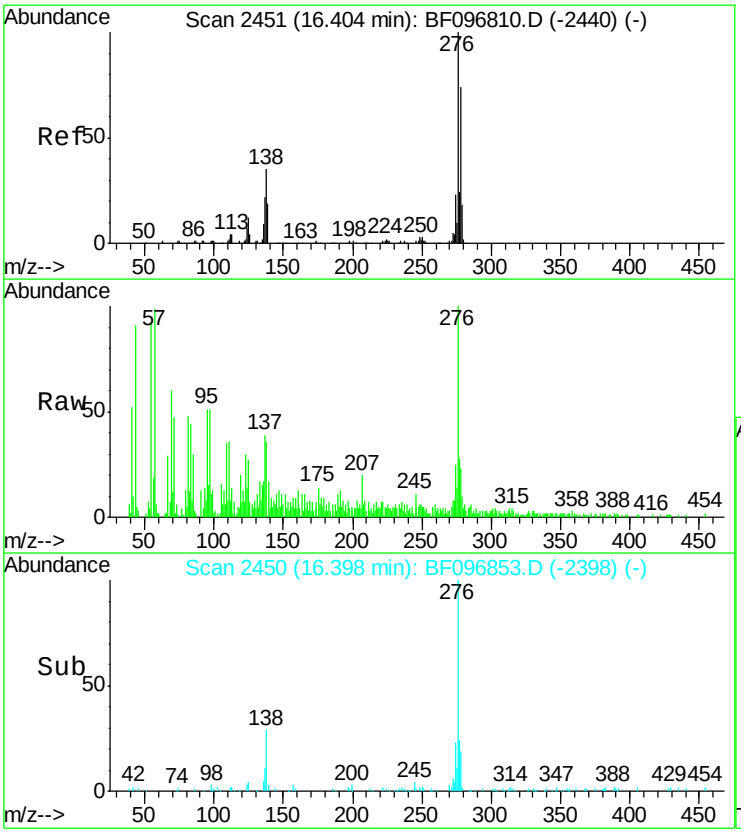
#82
Chrysene
Concen: 8.13 ng
RT: 13.75 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF096853.D
Acq: 18 Jul 2017 18:10

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

Tgt Ion:228 Resp: 101530

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	21.6	15.8	23.6

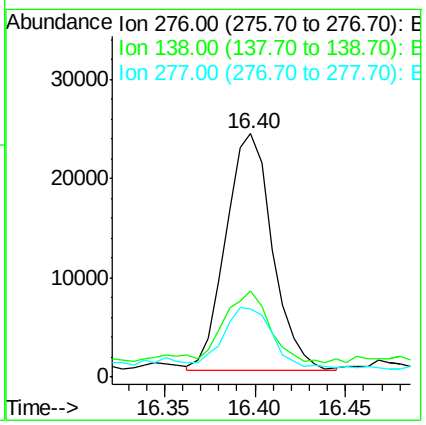


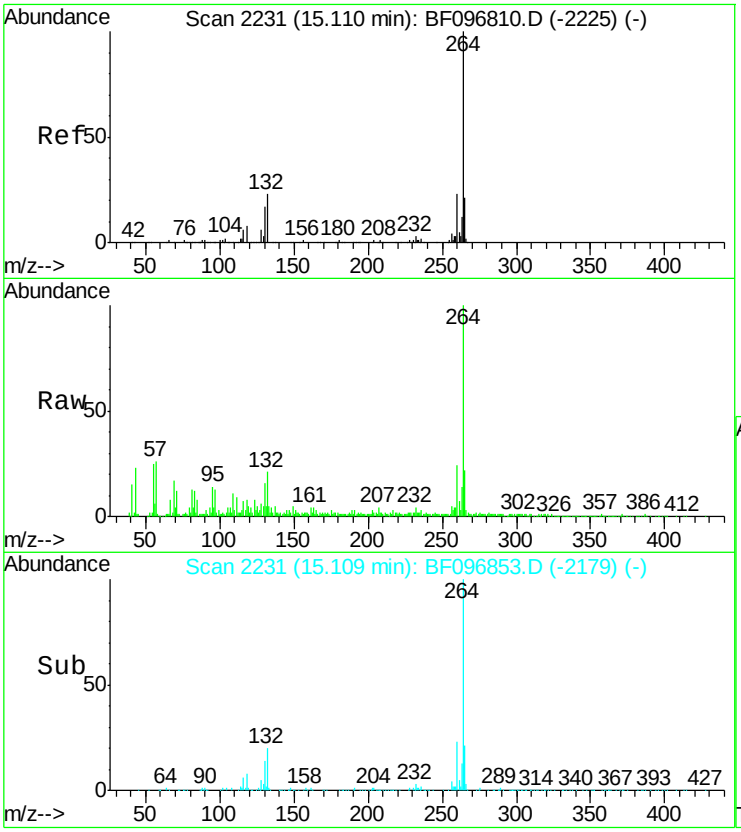


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.88 ng
RT: 16.40 min Scan# 2450
Delta R.T. 0.01 min
Lab File: BF096853.D
Acq: 18 Jul 2017 18:10

Tgt Ion:276 Resp: 42788

Ion	Ratio	Lower	Upper
276	100		
138	28.5	27.8	41.6
277	26.3	20.2	30.4



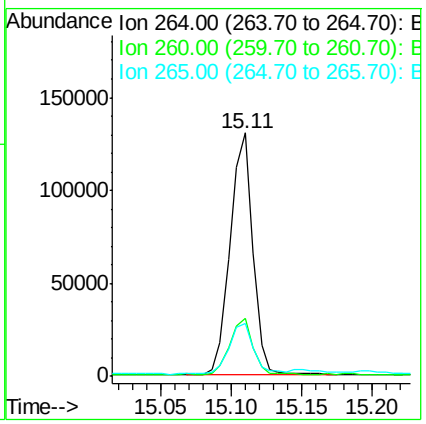


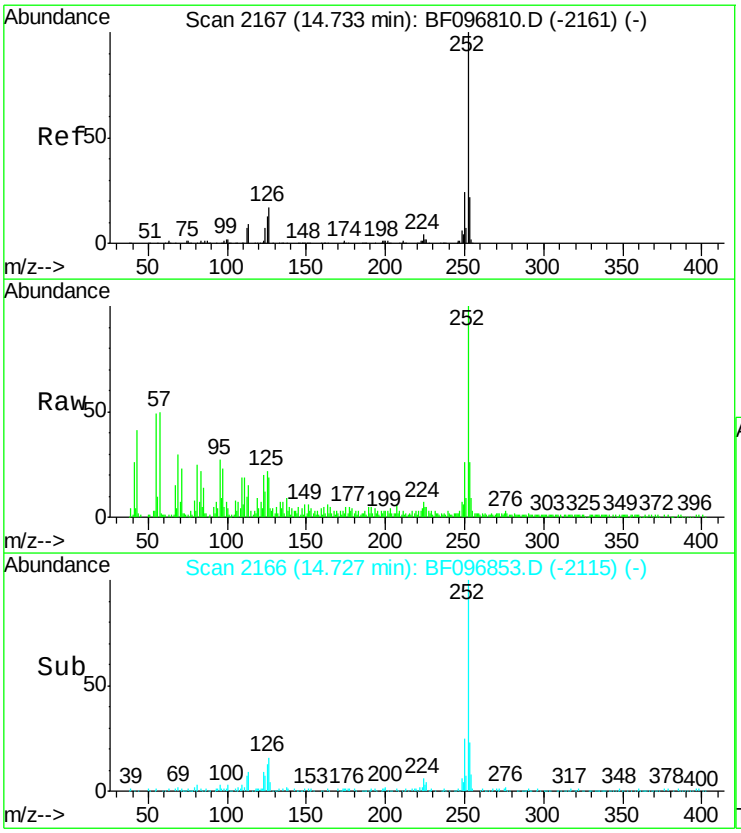
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF096853.D
Acq: 18 Jul 2017 18:10

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

Tgt Ion:264 Resp: 147123

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.8	17.2	25.8

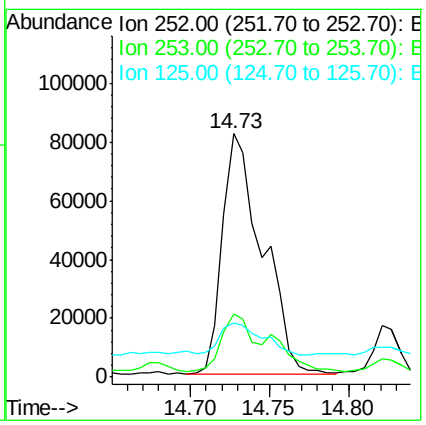


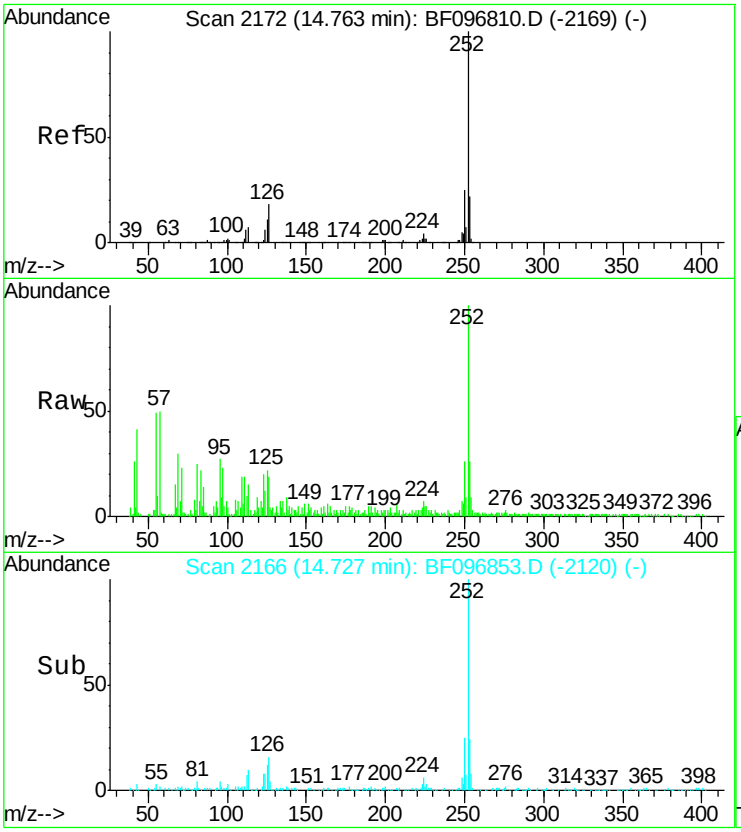


#87
Benzo(b)fluoranthene
Concen: 16.28 ng
RT: 14.73 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BF096853.D
Acq: 18 Jul 2017 18:10

Tgt Ion:252 Resp: 144453

Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.1	27.1
125	22.5	9.8	14.8#



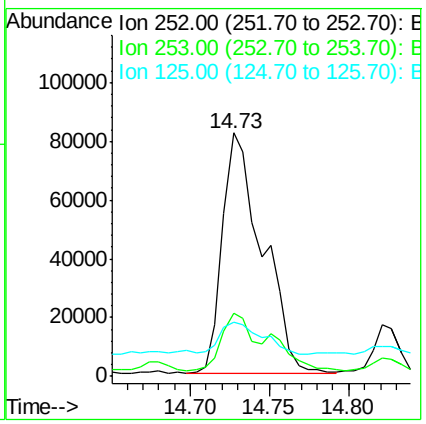


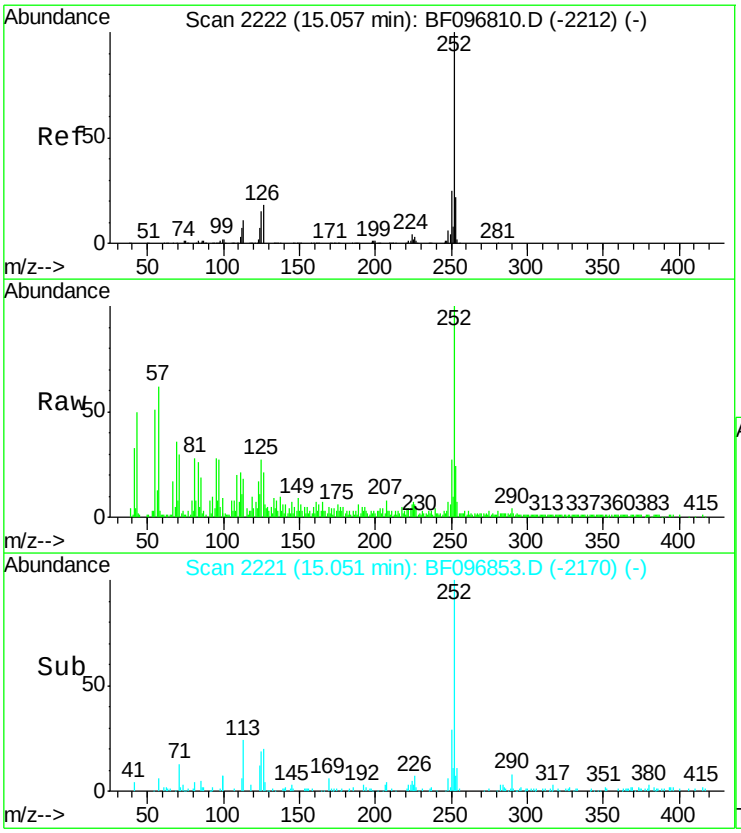
#88
Benzo(k)fluoranthene
Concen: 17.19 ng
RT: 14.73 min Scan# 2166
Delta R.T. -0.03 min
Lab File: BF096853.D
Acq: 18 Jul 2017 18:10

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

Tgt Ion:252 Resp: 144453

Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.4	27.6
125	22.5	13.1	19.7#

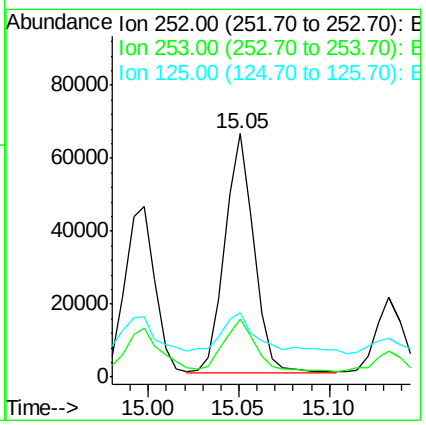


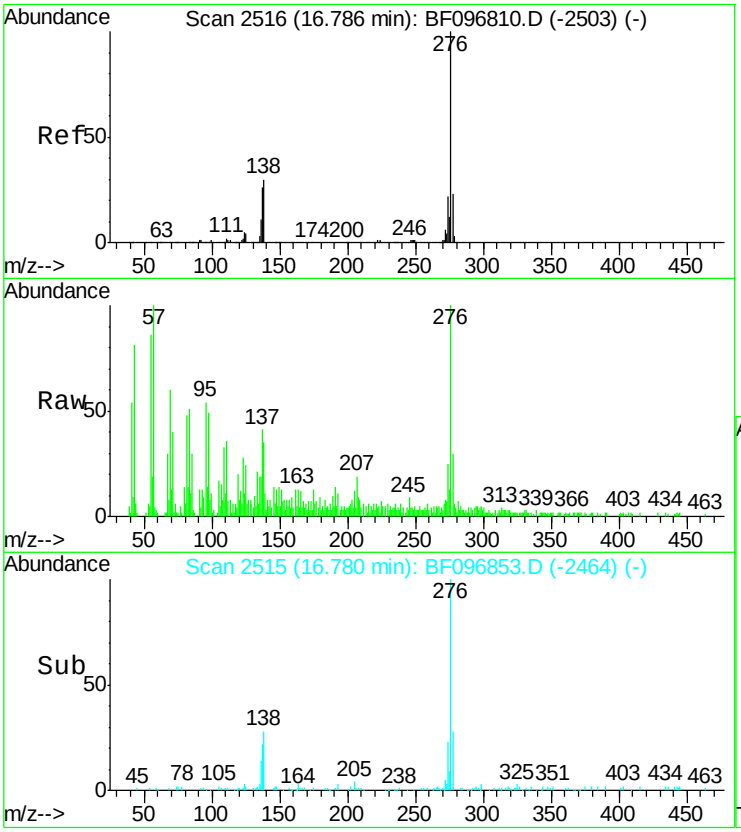


#89
Benzo(a)pyrene
Concen: 9.01 ng
RT: 15.05 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF096853.D
Acq: 18 Jul 2017 18:10

Tgt Ion:252 Resp: 73328

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	26.6	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 5.26 ng
RT: 16.78 min Scan# 2515
Delta R.T. -0.00 min
Lab File: BF096853.D
Acq: 18 Jul 2017 18:10

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

Tgt Ion:276 Resp: 42219

Ion	Ratio	Lower	Upper
276	100		
277	29.9	18.6	28.0#
138	35.4	25.4	38.0