Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071417\
Data File : BF096801.D
Acq On : 15 Jul 2017 5:02
Operator : SJ/JU
Sample : I4163-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 15 05:27:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 14:49:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	103133	20.00	ng		0.00
21) Naphthalene-d8	7.91	136	388728	20.00	ng		-0.01
38) Acenaphthene-d10	9.66	164	162277	20.00	ng		-0.01
63) Phenanthrene-d10	11.13	188	250372	20.00	ng		-0.01
75) Chrysene-d12	13.76	240	205956	20.00	ng		-0.01
86) Perylene-d12	15.15	264	142839	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	613193	89.40	ng		0.00
7) Phenol-d6	6.27	99	636437	77.32	ng		0.00
23) Nitrobenzene-d5	7.19	82	364412	58.07	ng		-0.02
41) 2,4,6-Tribromophenol	10.44	330	105162	75.92	ng		-0.02
44) 2-Fluorobiphenyl	8.99	172	600699	58.48	ng		-0.01
78) Terphenyl-d14	12.72	244	413534	34.82	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.19	70	48757	9.83	ng	#	86
25) Isophorone	7.19	82	358328	30.69	ng	#	67
49) Dimethylphthalate	9.38	163	88876	7.27	ng		98
57) Fluorene	10.20	166	23299	2.33	ng	#	90
66) 4-Bromophenyl-phenylether	10.44	248	6670	2.61	ng	#	1
70) Phenanthrene	11.16	178	202893	14.90	ng		98
71) Anthracene	11.20	178	63582	4.62	ng		98
74) Fluoranthene	12.34	202	305086	23.41	ng		99
77) Pyrene	12.57	202	332100	17.77	ng		99
80) Benzo(a)anthracene	13.75	228	148904	11.60	ng		95
82) Chrysene	13.79	228	148728	11.77	ng		96
85) Indeno(1,2,3-cd)pyrene	16.45	276	44884	7.01	ng		96
87) Benzo(b)fluoranthene	14.77	252	171737	19.94	ng	#	94
88) Benzo(k)fluoranthene	14.77	252	171737	21.05	ng		98
89) Benzo(a)pyrene	15.09	252	95791	12.12	ng		96
91) Benzo(g,h,i)perylene	16.84	276	45743	5.88	ng		92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071417\
Data File : BF096801.D
Acq On : 15 Jul 2017 5:02
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Misc :
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QLast Update : Thu Jul 13 14:49:34 2017
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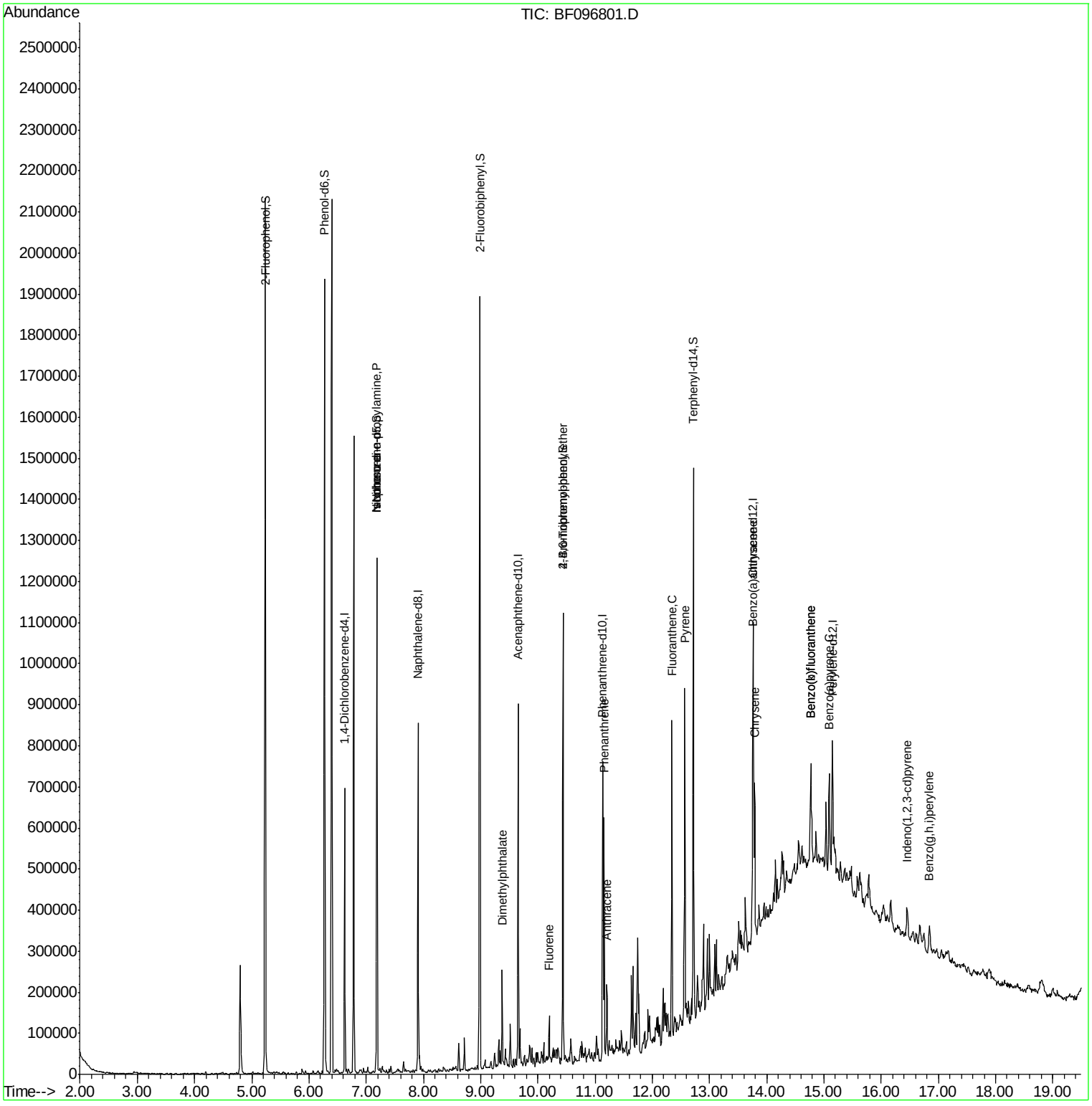
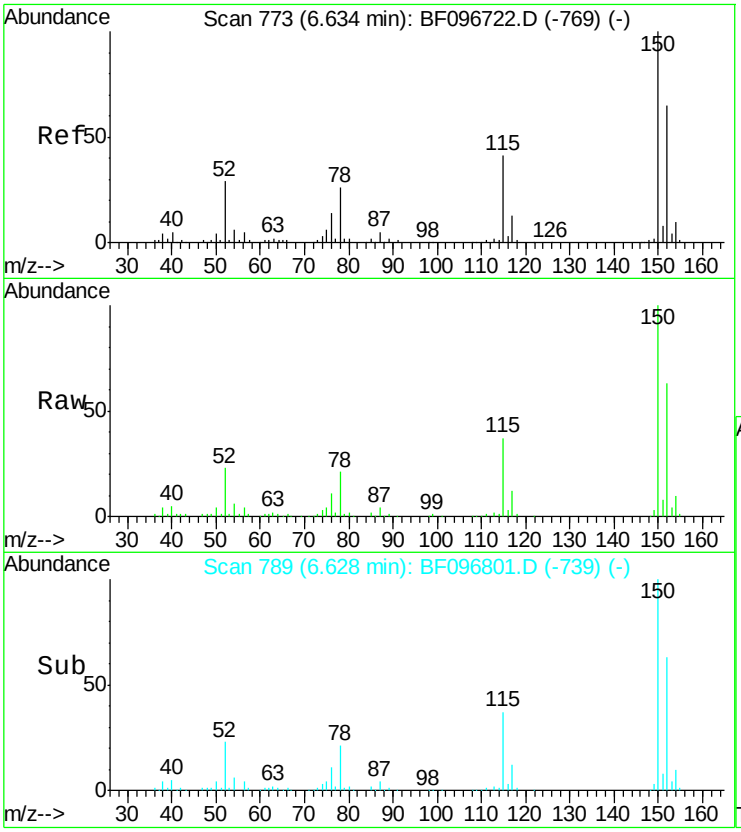


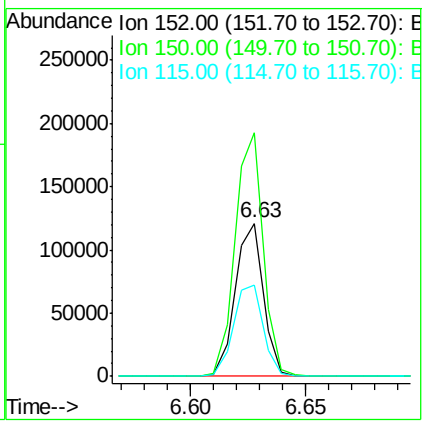


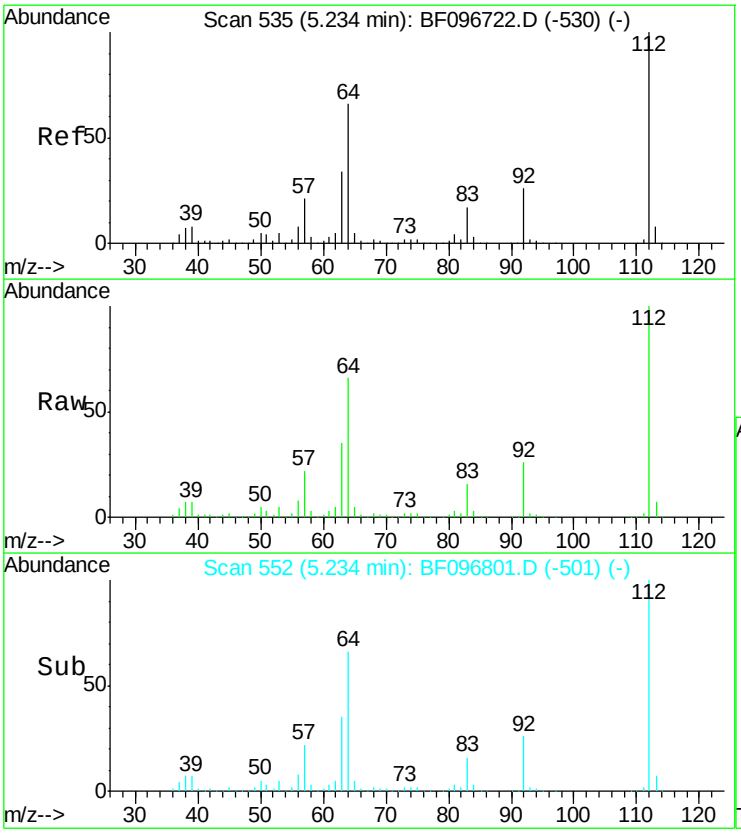
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF096801.D
Acq: 15 Jul 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 103133

Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.2	189.2
115	59.4	52.2	78.2

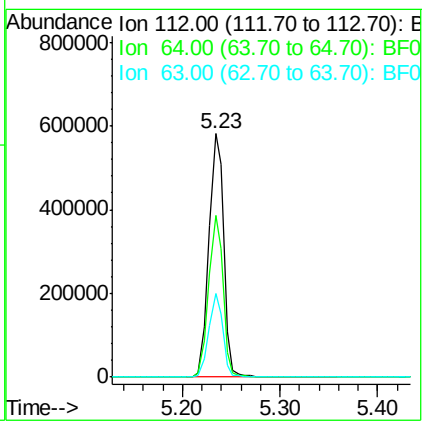


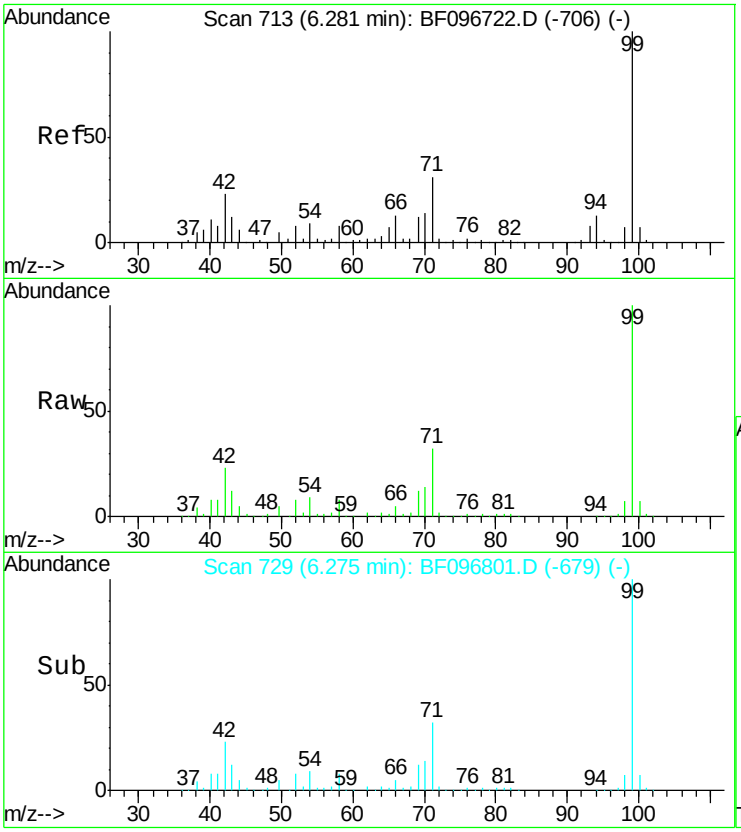


#5
2-Fluorophenol
Concen: 89.40 ng
RT: 5.23 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF096801.D
Acq: 15 Jul 2017 5:02

Tgt Ion:112 Resp: 613193

Ion	Ratio	Lower	Upper
112	100		
64	66.5	46.0	69.0
63	34.5	23.4	35.0



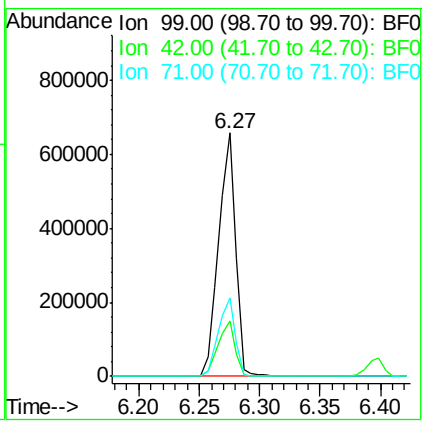


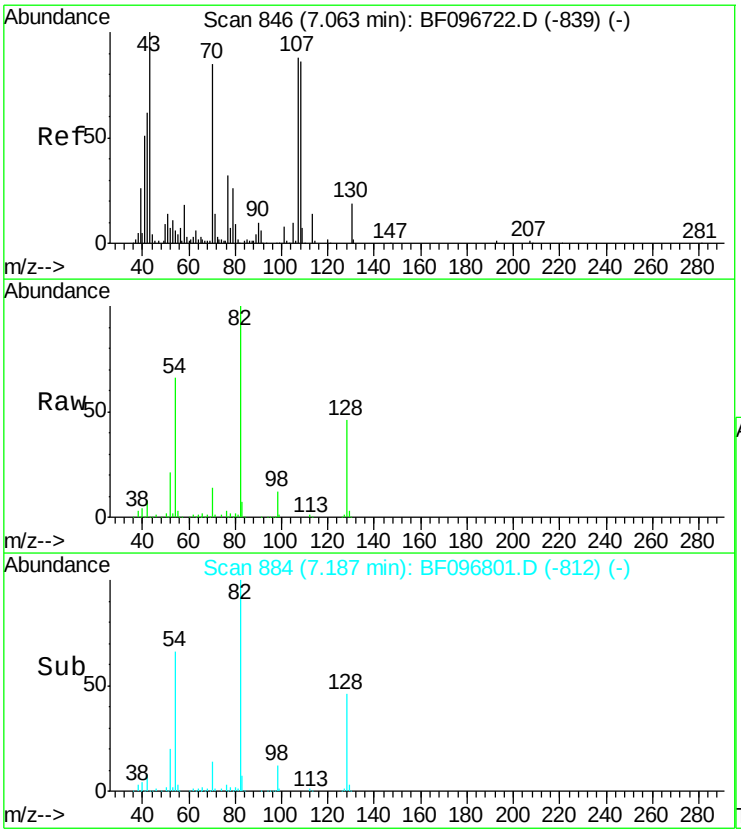
#7
Phenol-d6
Concen: 77.32 ng
RT: 6.27 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF096801.D
Acq: 15 Jul 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 636437

Ion	Ratio	Lower	Upper
99	100		
42	22.6	13.5	20.3#
71	32.2	24.5	36.7

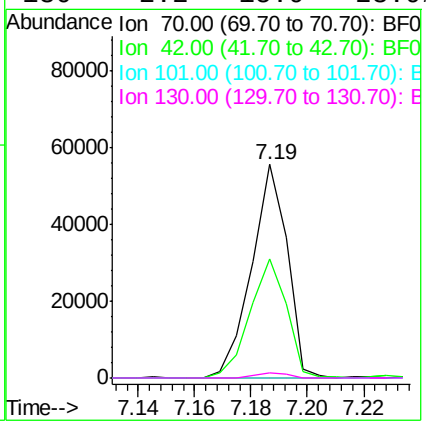


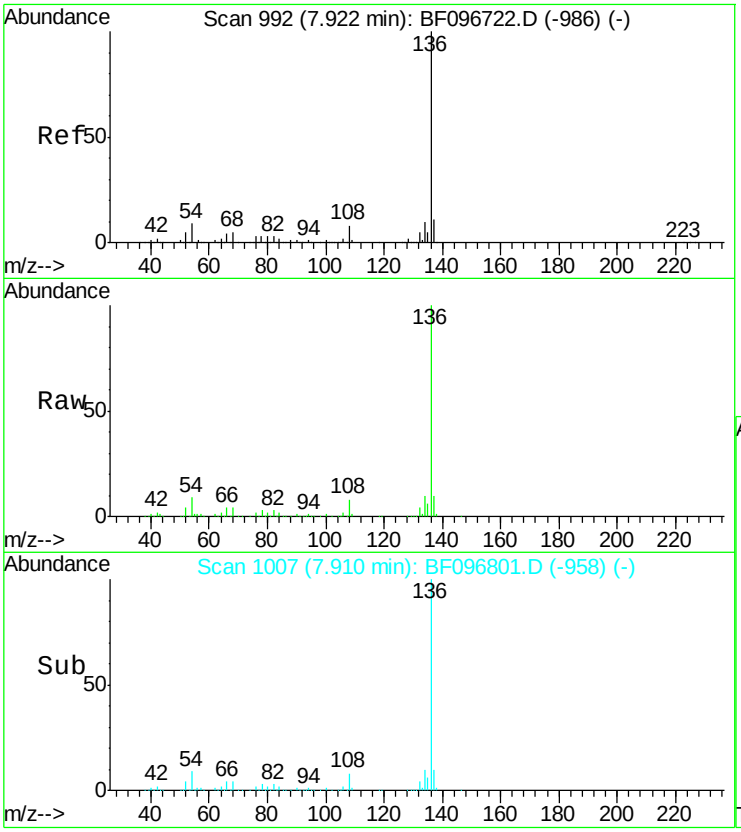


#19
n-Nitroso-di-n-propylamine
Concen: 9.83 ng
RT: 7.19 min Scan# 884
Delta R.T. 0.12 min
Lab File: BF096801.D
Acq: 15 Jul 2017 5:02

Tgt Ion: 70 Resp: 48757

Ion	Ratio	Lower	Upper
70	100		
42	55.9	47.2	70.8
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#



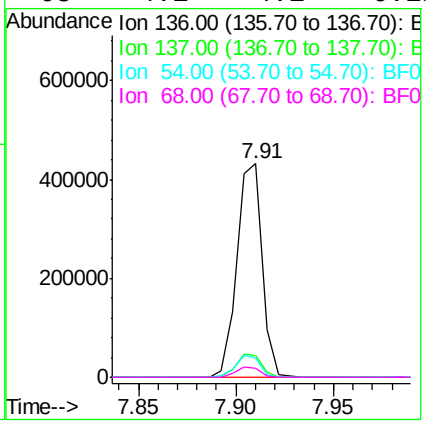


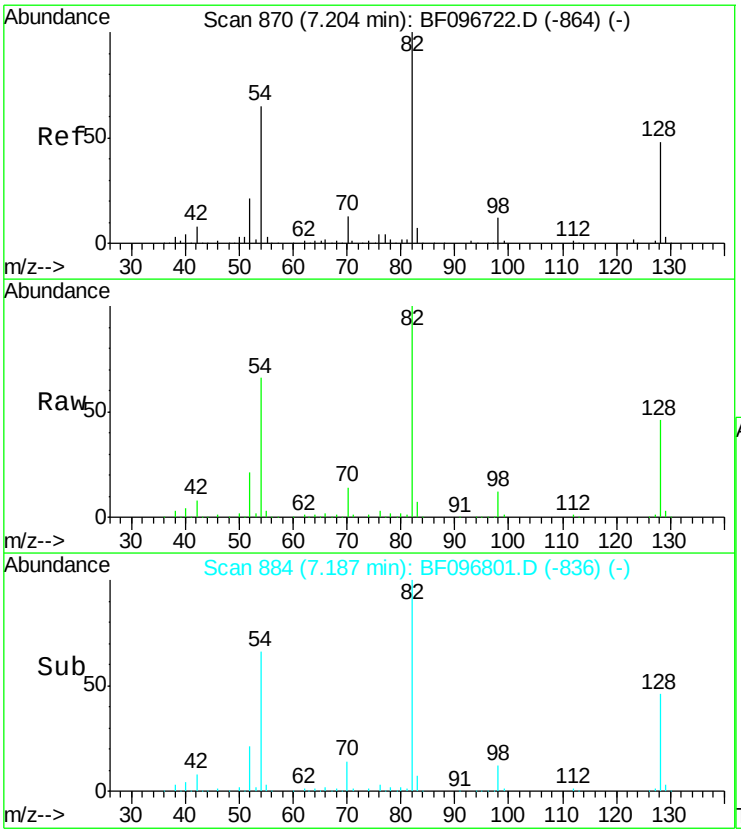
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF096801.D
Acq: 15 Jul 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 388728

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	8.9	4.9	7.3#
68	4.1	4.1	6.1#

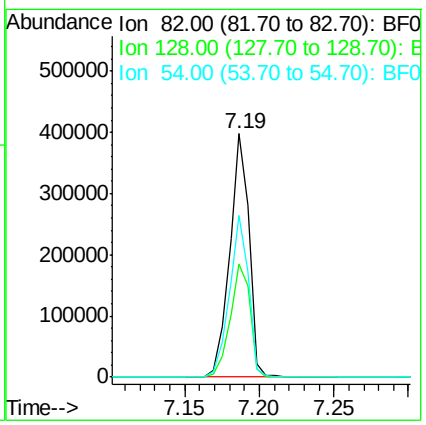


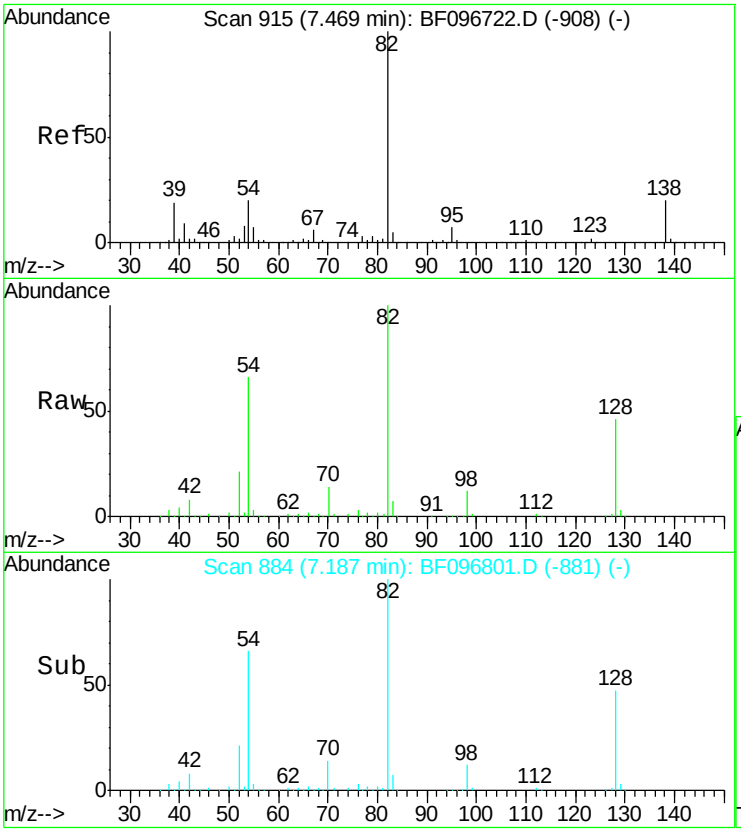


#23
Nitrobenzene-d5
Concen: 58.07 ng
RT: 7.19 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF096801.D
Acq: 15 Jul 2017 5:02

Tgt Ion: 82 Resp: 364412

Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.0	51.0
54	66.4	42.2	63.2#



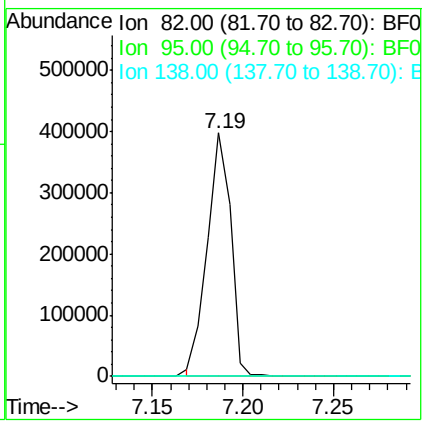


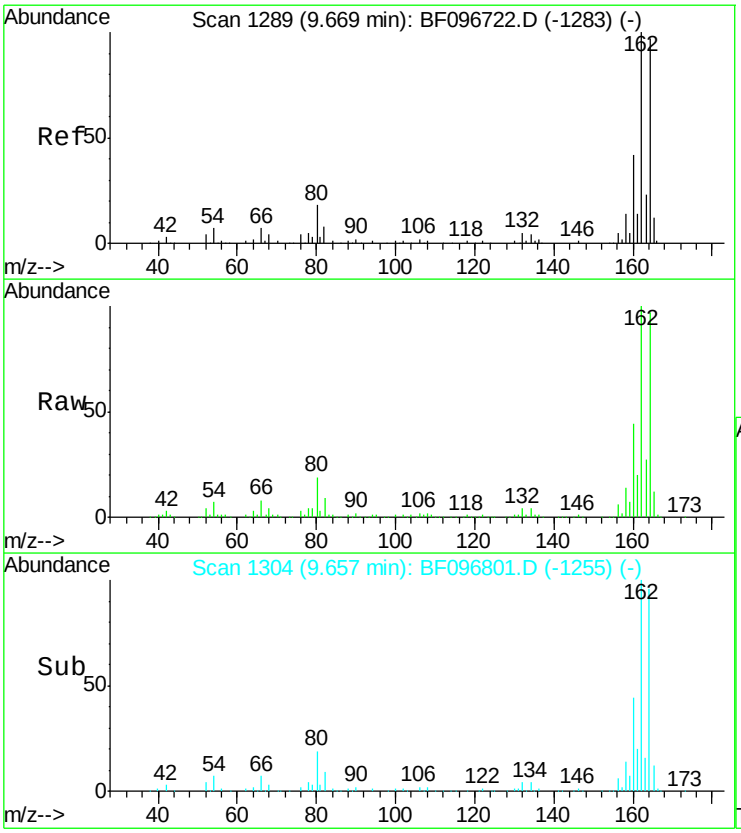
#25
Isophorone
Concen: 30.69 ng
RT: 7.19 min Scan# 884
Delta R.T. -0.28 min
Lab File: BF096801.D
Acq: 15 Jul 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 358328

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.3	7.9#
138	0.0	13.1	19.7#

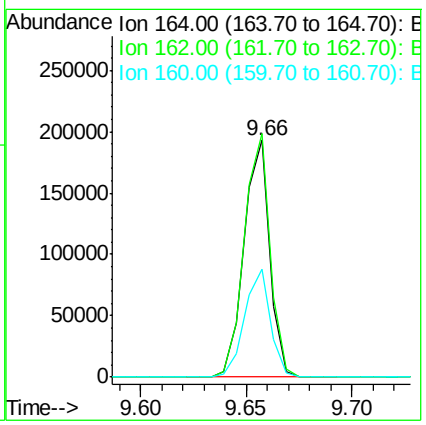


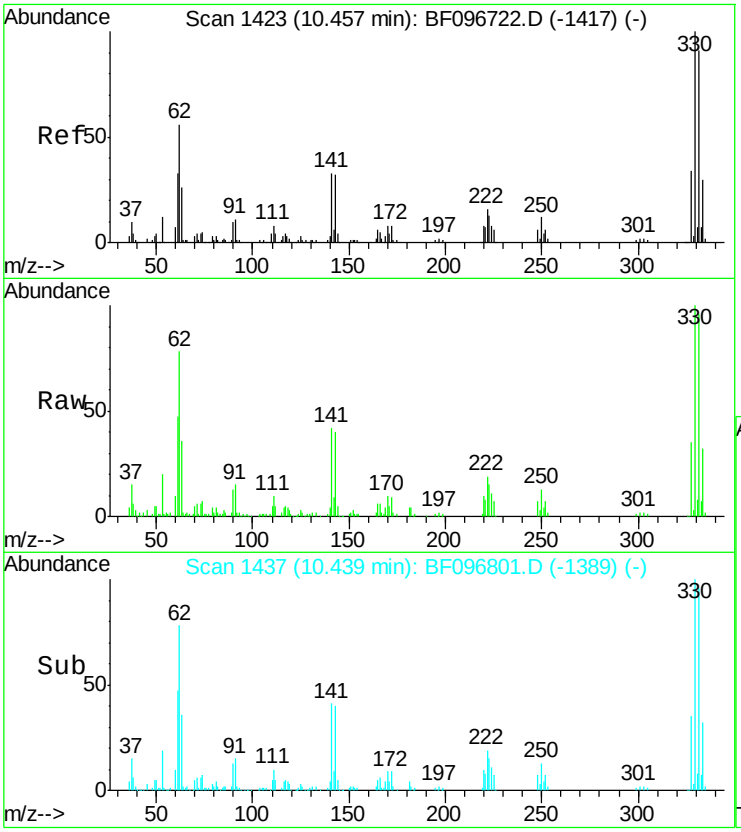


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF096801.D
Acq: 15 Jul 2017 5:02

Tgt Ion:164 Resp: 162277

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	45.6	36.2	54.2



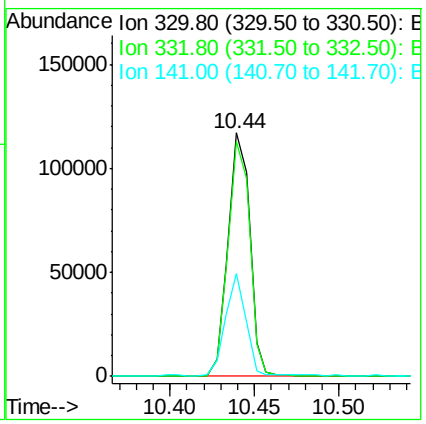


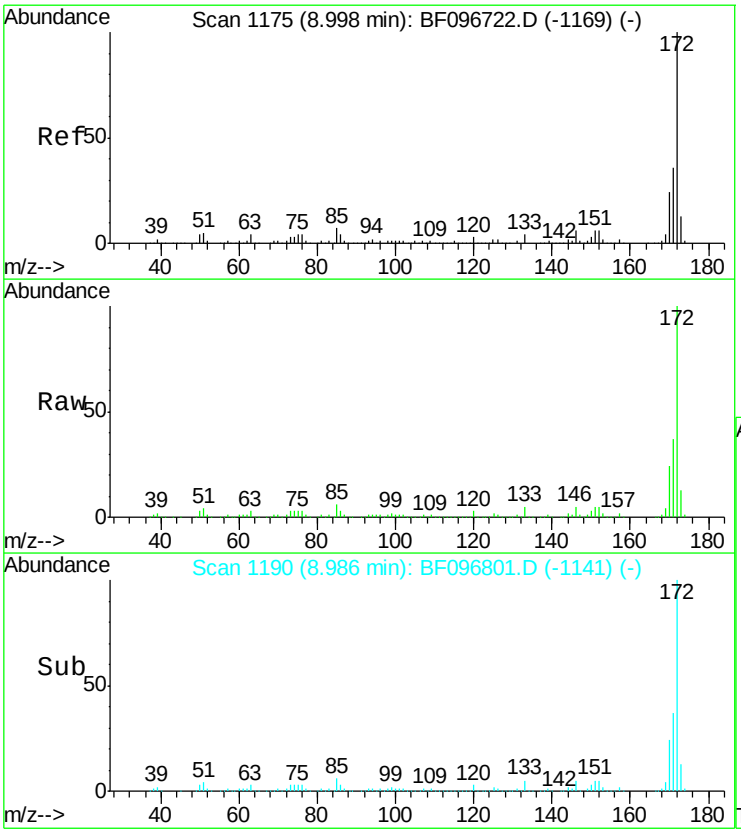
#41
2,4,6-Tribromophenol
Concen: 75.92 ng
RT: 10.44 min Scan# 1437
Delta R.T. -0.02 min
Lab File: BF096801.D
Acq: 15 Jul 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 105162

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	40.5	31.4	47.2

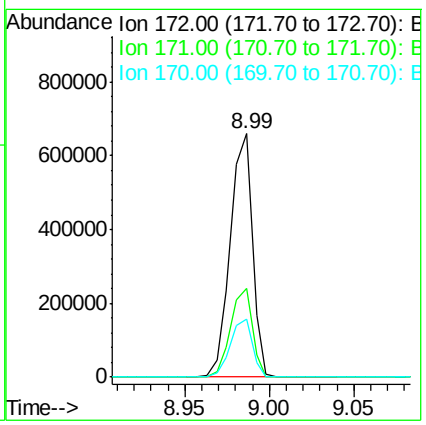


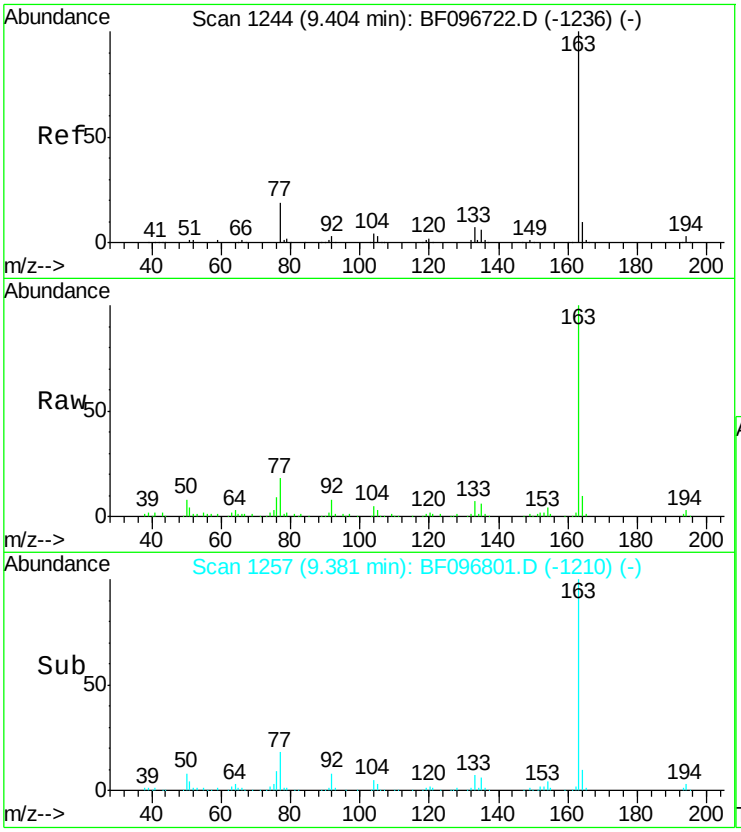


#44
2-Fluorobiphenyl
Concen: 58.48 ng
RT: 8.99 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF096801.D
Acq: 15 Jul 2017 5:02

Tgt Ion:172 Resp: 600699

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.0	19.8	29.8



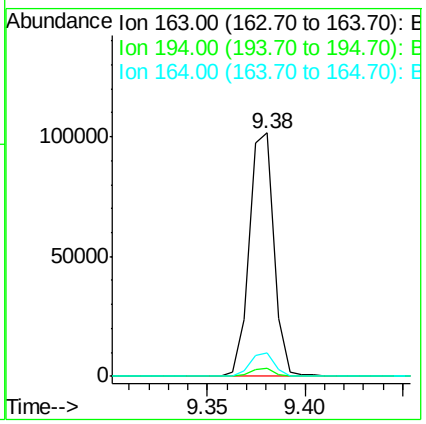


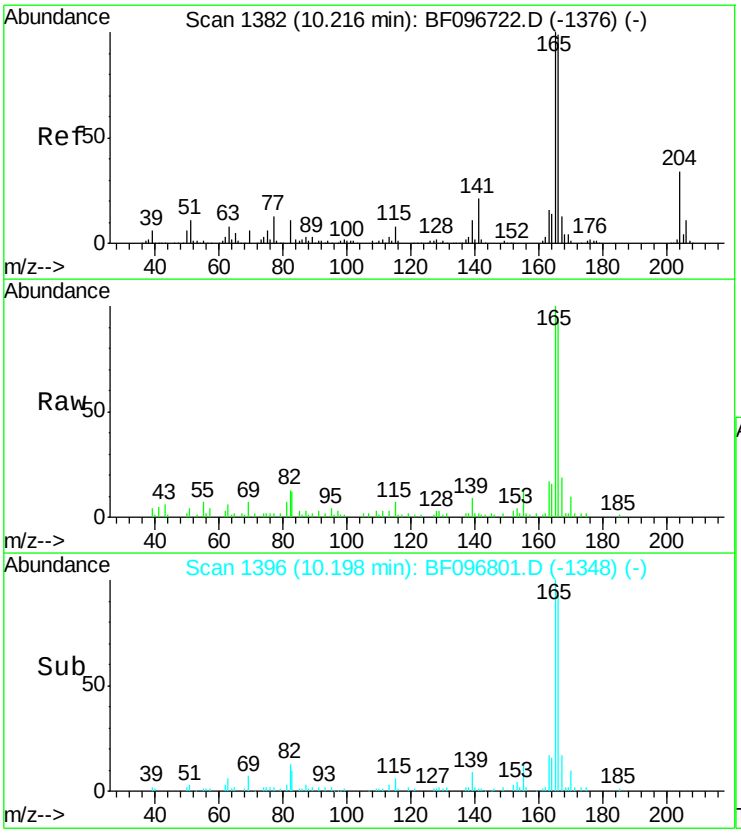
#49
Dimethylphthalate
Concen: 7.27 ng
RT: 9.38 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF096801.D
Acq: 15 Jul 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 88876

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	9.7	8.4	12.6

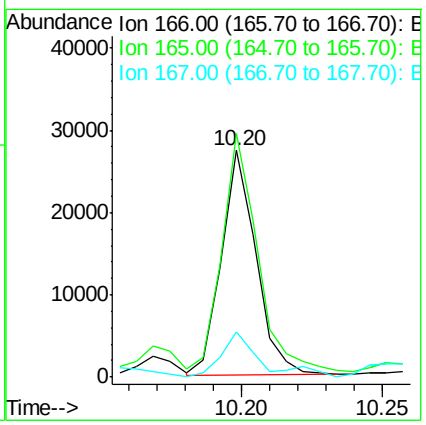


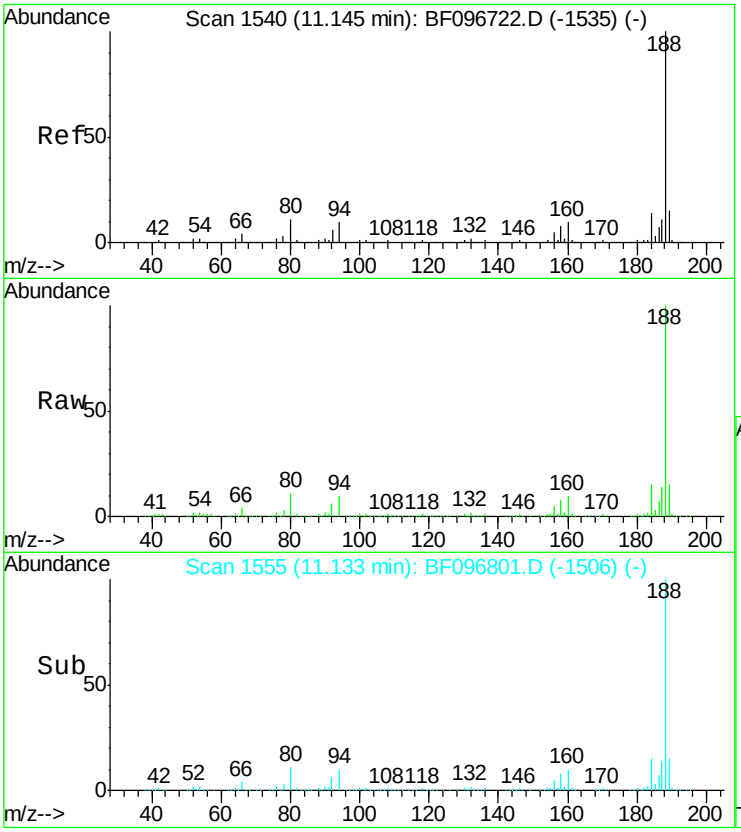


#57
Fluorene
Concen: 2.33 ng
RT: 10.20 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF096801.D
Acq: 15 Jul 2017 5:02

Tgt Ion:166 Resp: 23299

Ion	Ratio	Lower	Upper
166	100		
165	107.3	78.8	118.2
167	19.9	10.6	16.0#



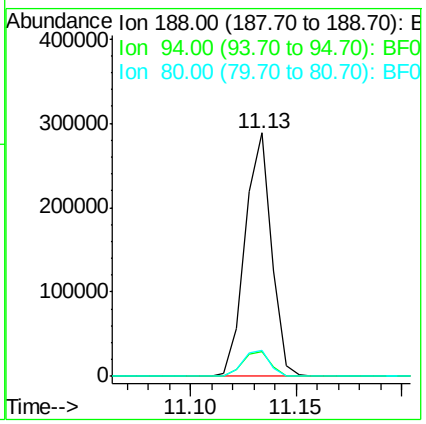


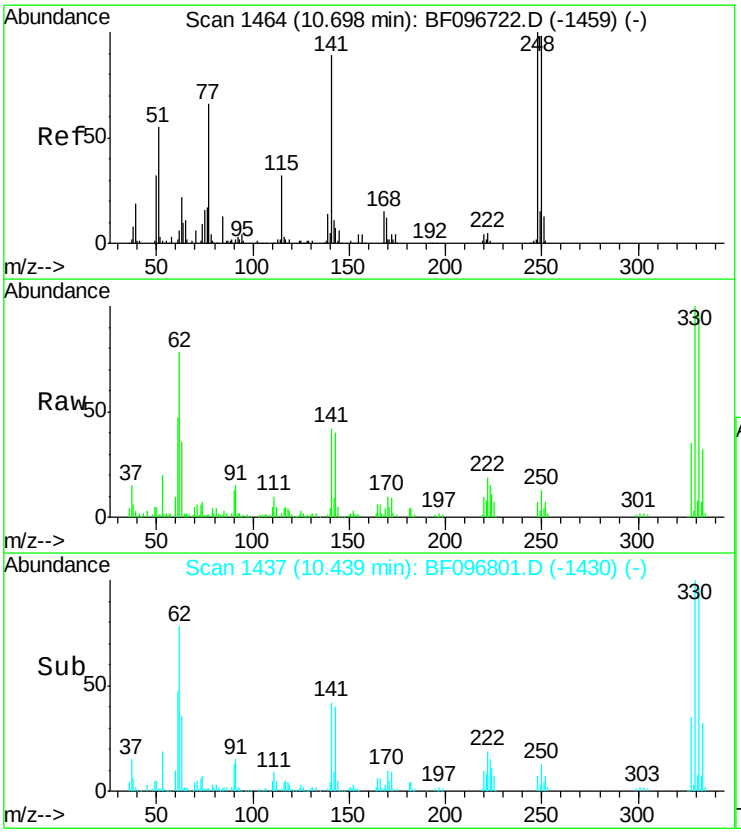
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF096801.D
Acq: 15 Jul 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 250372

Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	10.7	10.2	15.2

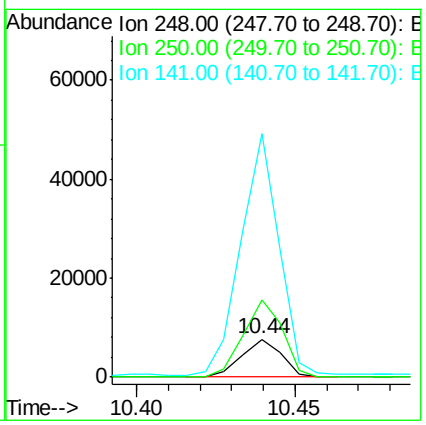


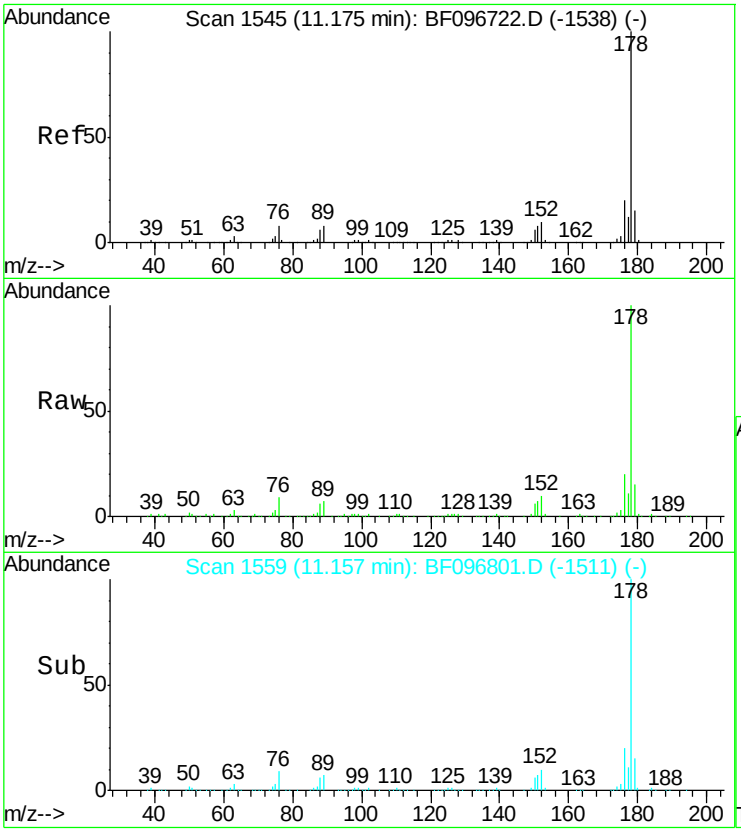


#66
4-Bromophenyl-phenylether
Concen: 2.61 ng
RT: 10.44 min Scan# 1437
Delta R.T. -0.26 min
Lab File: BF096801.D
Acq: 15 Jul 2017 5:02

Tgt Ion:248 Resp: 6670

Ion	Ratio	Lower	Upper
248	100		
250	202.1	76.8	115.2#
141	641.9	68.6	103.0#



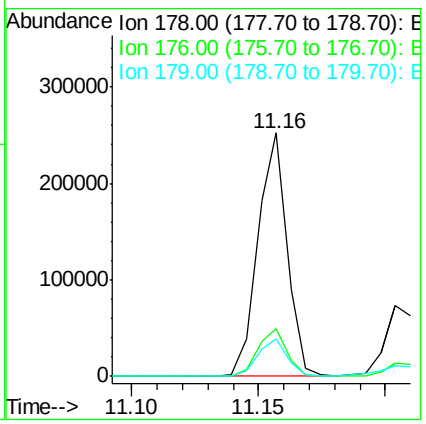


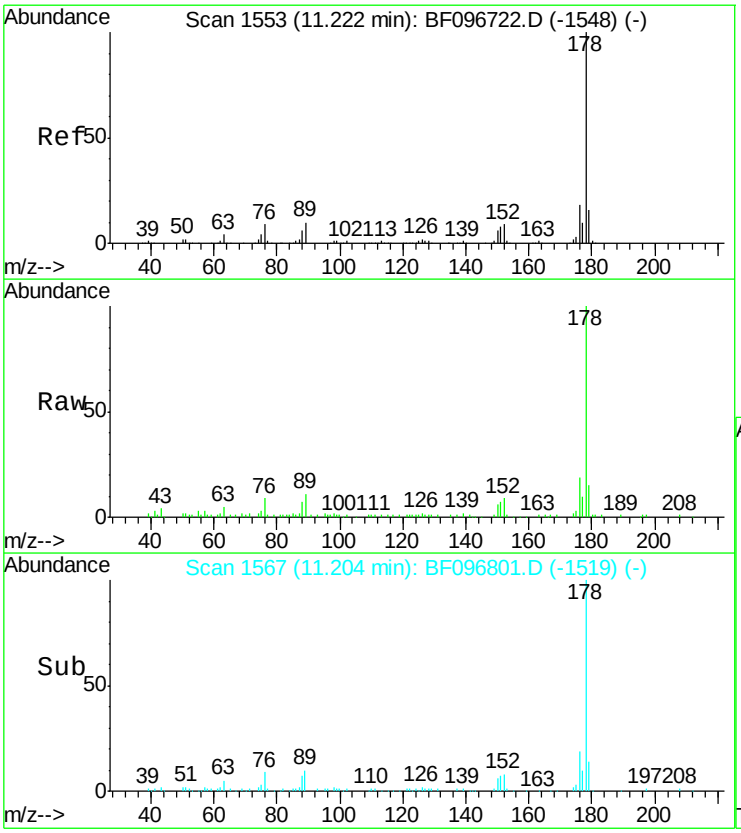
#70
Phenanthrene
Concen: 14.90 ng
RT: 11.16 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF096801.D
Acq: 15 Jul 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 202893

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.2	12.6	19.0

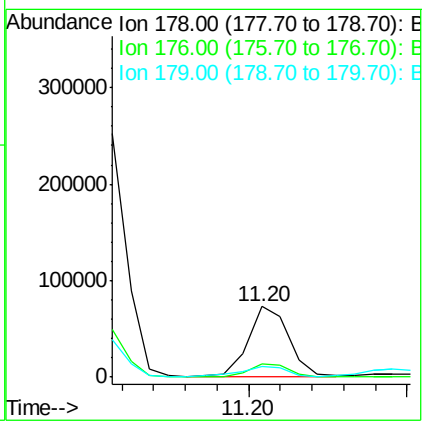


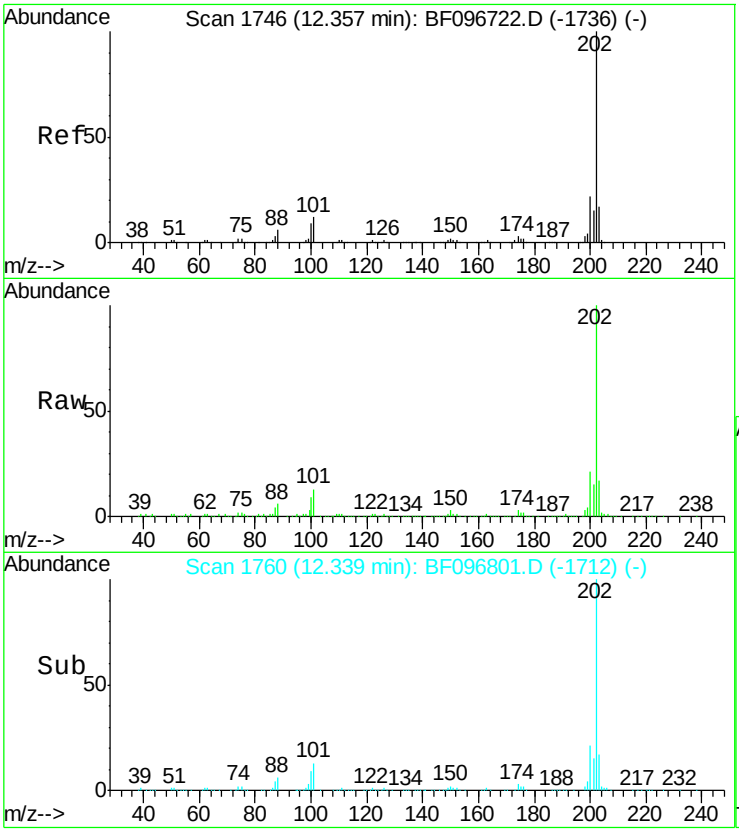


#71
Anthracene
Concen: 4.62 ng
RT: 11.20 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BF096801.D
Acq: 15 Jul 2017 5:02

Tgt Ion:178 Resp: 63582

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	14.6	12.7	19.1



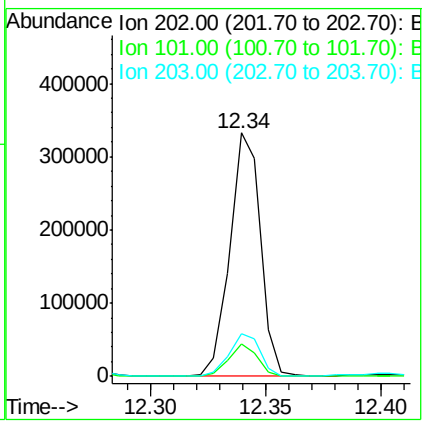


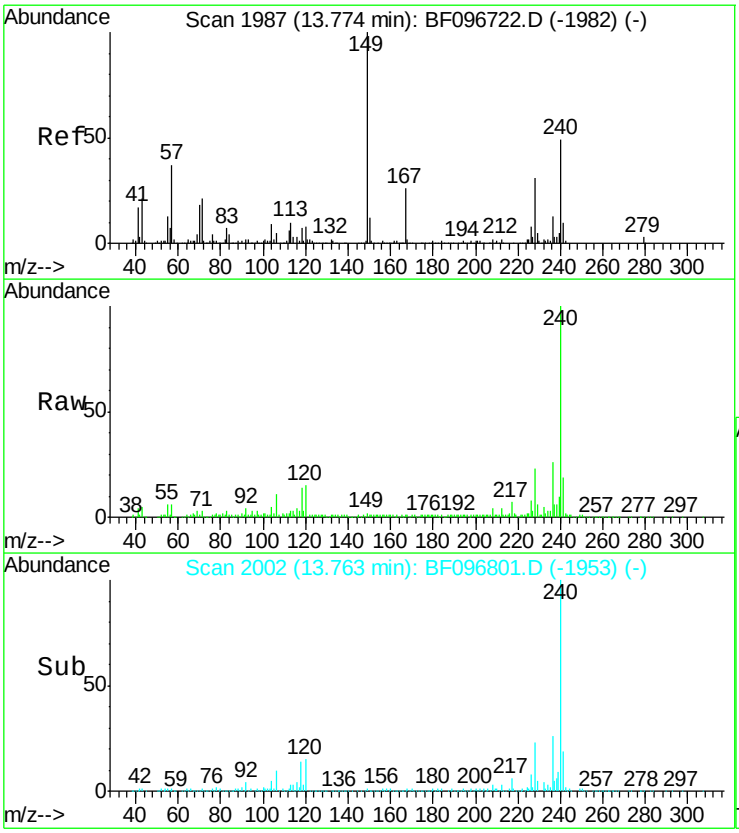
#74
Fluoranthene
Concen: 23.41 ng
RT: 12.34 min Scan# 1760
Delta R.T. -0.02 min
Lab File: BF096801.D
Acq: 15 Jul 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 305086

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.2
203	17.3	0.0	38.1

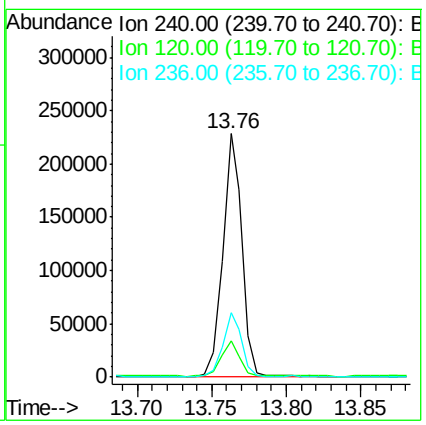


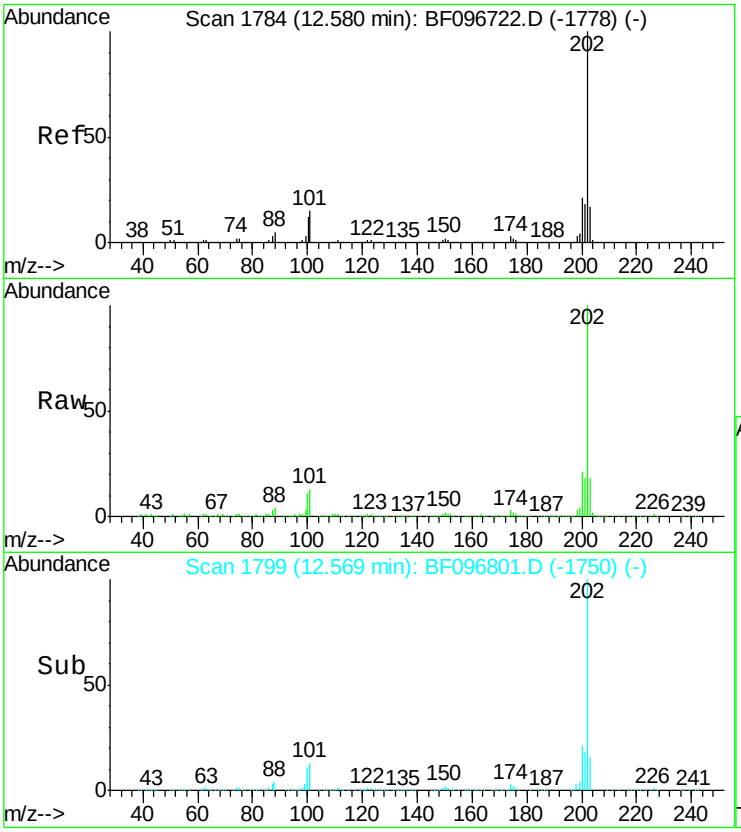


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.76 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF096801.D
Acq: 15 Jul 2017 5:02

Tgt Ion:240 Resp: 205956

Ion	Ratio	Lower	Upper
240	100		
120	15.0	5.8	8.8#
236	26.4	20.5	30.7



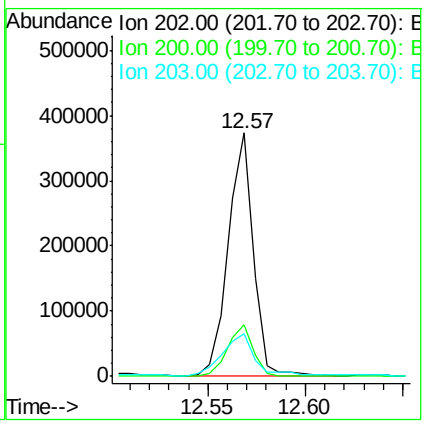


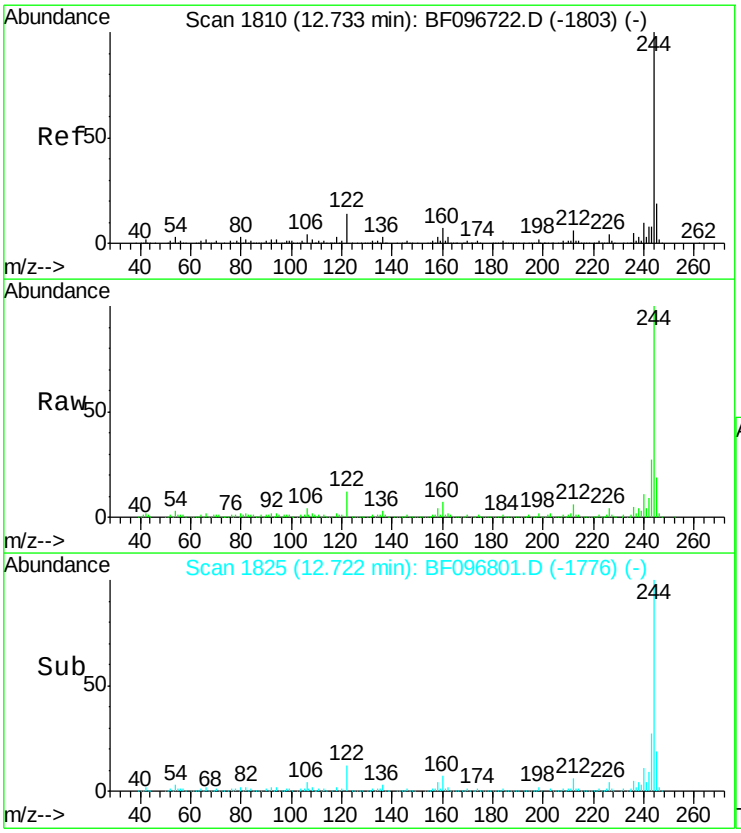
#77
Pyrene
Concen: 17.77 ng
RT: 12.57 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF096801.D
Acq: 15 Jul 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 332100

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	17.7	14.4	21.6

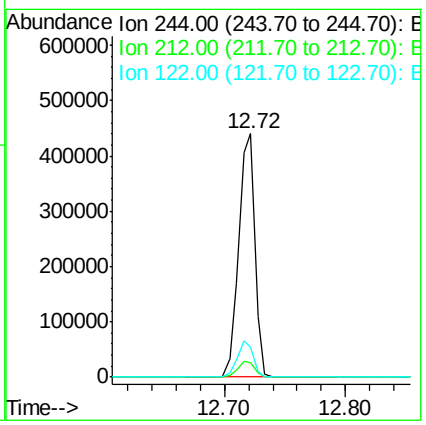


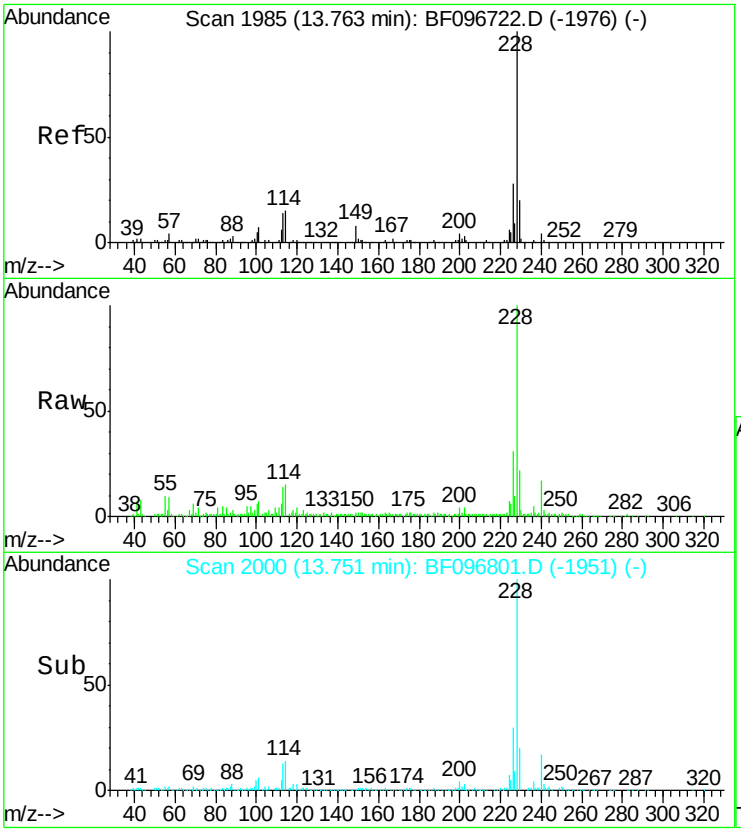


#78
Terphenyl-d14
Concen: 34.82 ng
RT: 12.72 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF096801.D
Acq: 15 Jul 2017 5:02

Tgt Ion:244 Resp: 413534

Ion	Ratio	Lower	Upper
244	100		
212	6.2	6.0	9.0
122	12.3	10.3	15.5



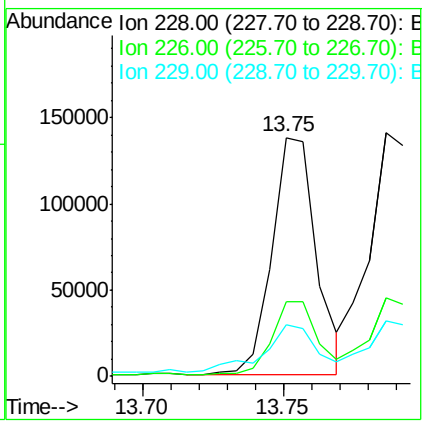


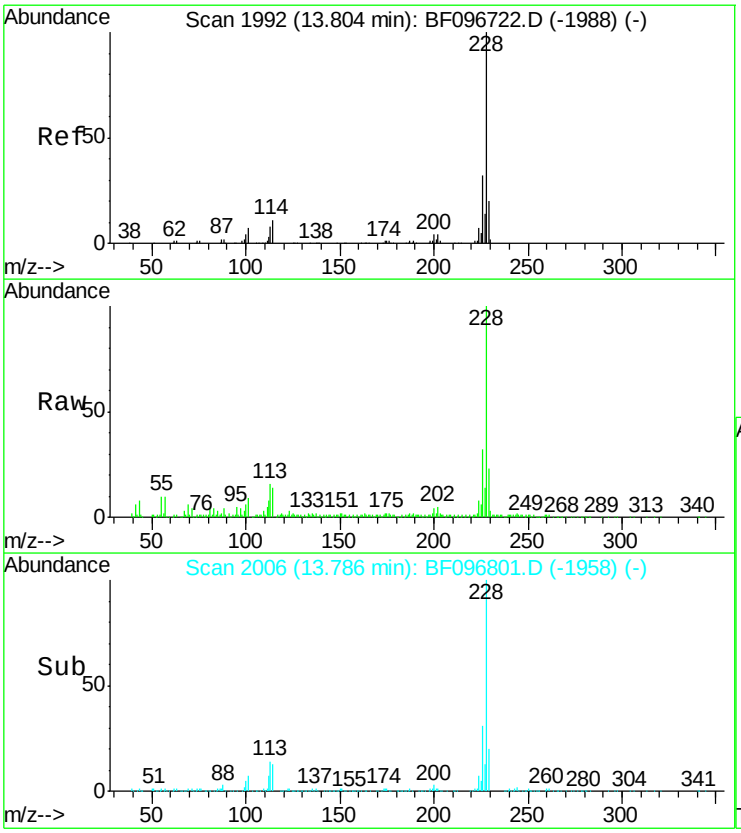
#80
Benzo(a)anthracene
Concen: 11.60 ng
RT: 13.75 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF096801.D
Acq: 15 Jul 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 148904

Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.6	33.8
229	21.8	16.3	24.5

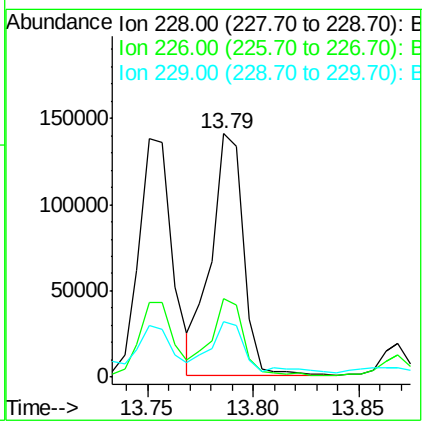


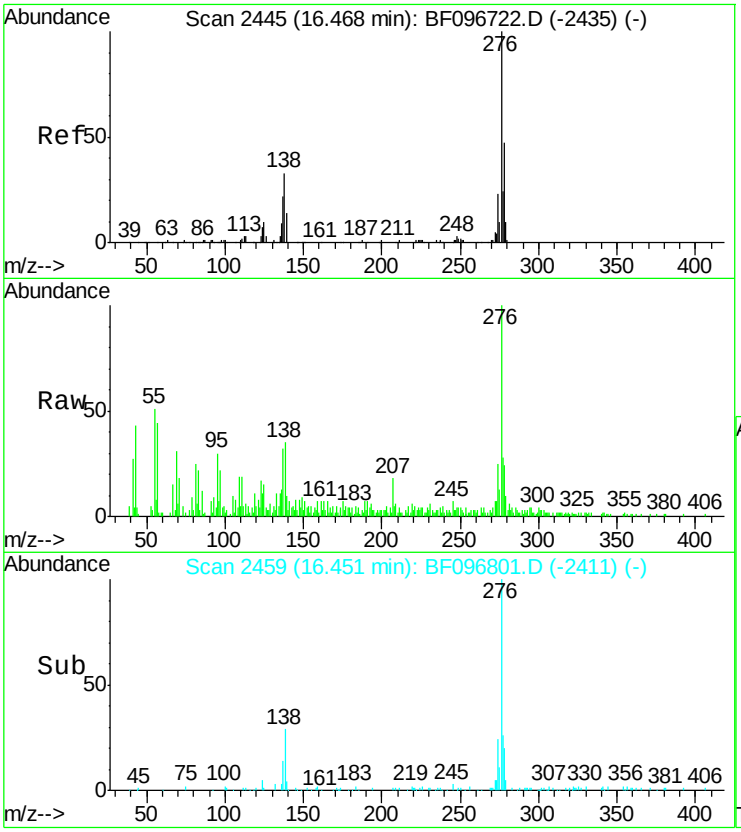


#82
Chrysene
Concen: 11.77 ng
RT: 13.79 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF096801.D
Acq: 15 Jul 2017 5:02

Tgt Ion:228 Resp: 148728

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.9	37.3
229	22.9	15.8	23.6



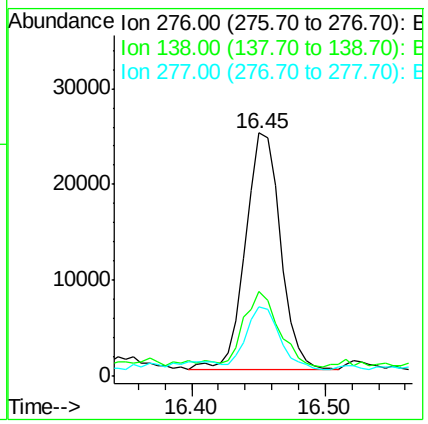


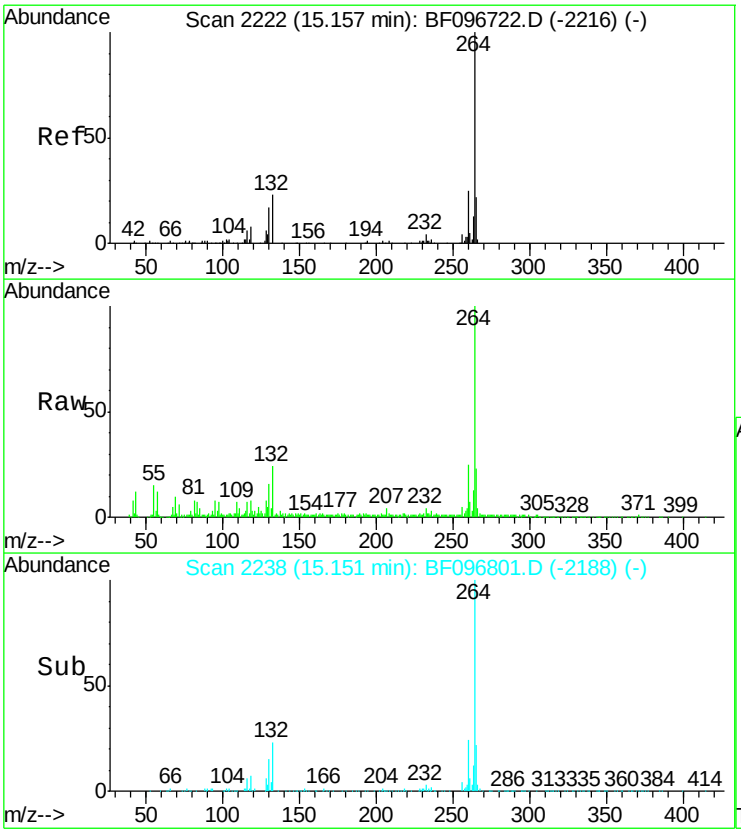
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.01 ng
RT: 16.45 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BF096801.D
Acq: 15 Jul 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 44884

Ion	Ratio	Lower	Upper
276	100		
138	31.3	27.8	41.6
277	26.2	20.2	30.4

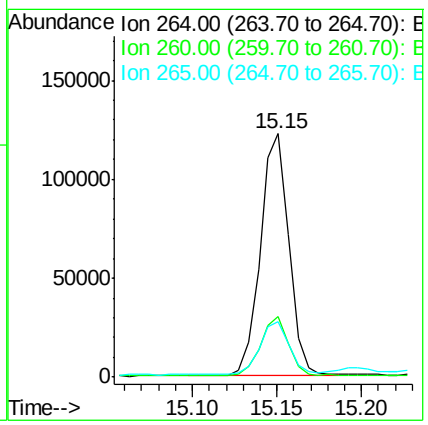


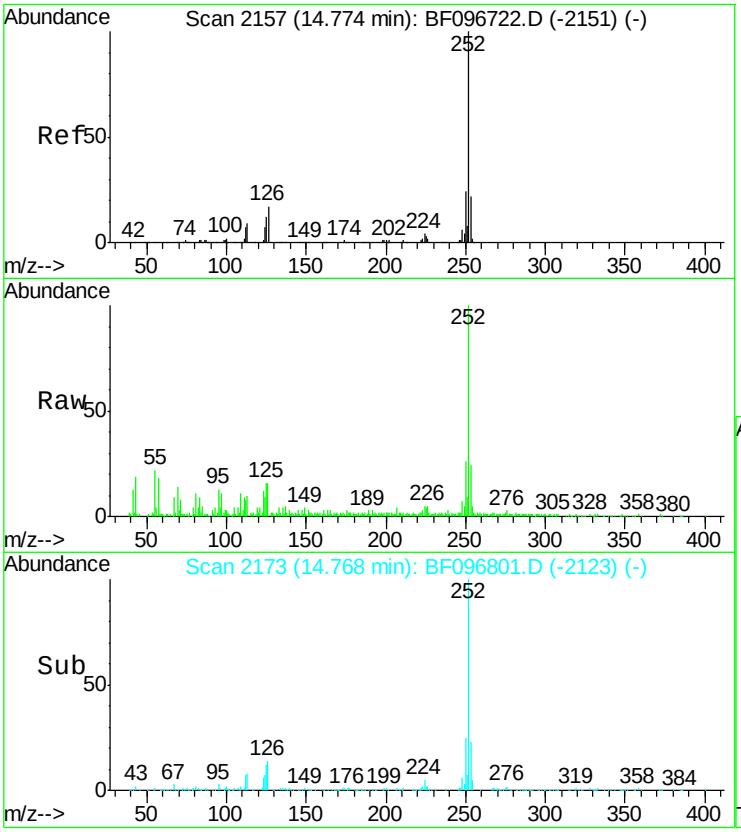


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF096801.D
Acq: 15 Jul 2017 5:02

Tgt Ion:264 Resp: 142839

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.6	17.2	25.8



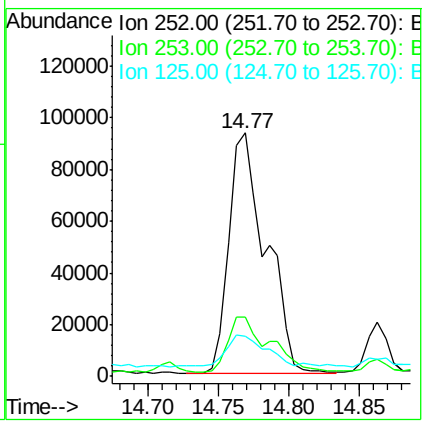


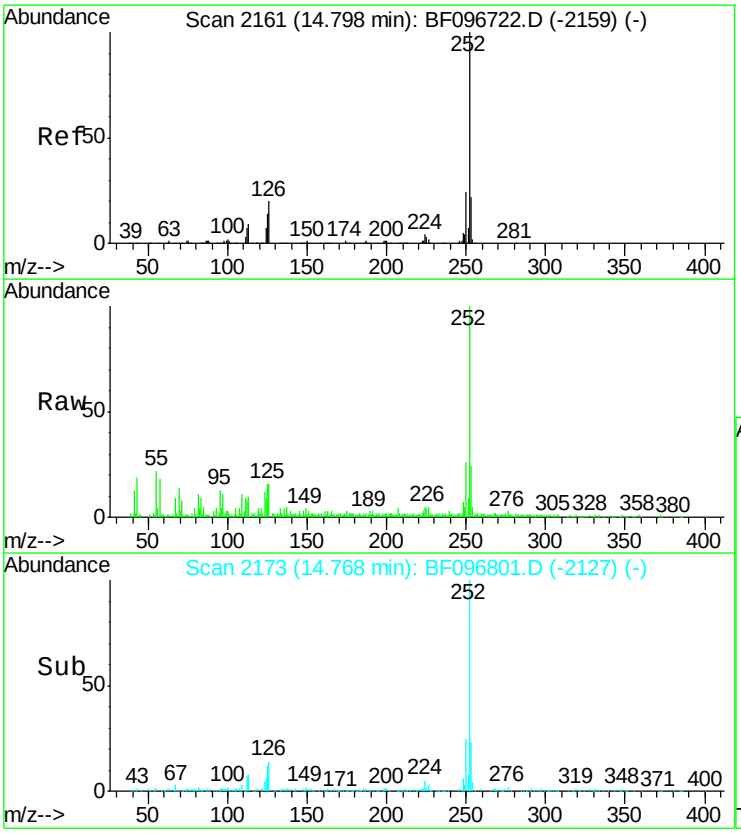
#87
Benzo(b)fluoranthene
Concen: 19.94 ng
RT: 14.77 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF096801.D
Acq: 15 Jul 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 171737

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.1	27.1
125	16.5	9.8	14.8#

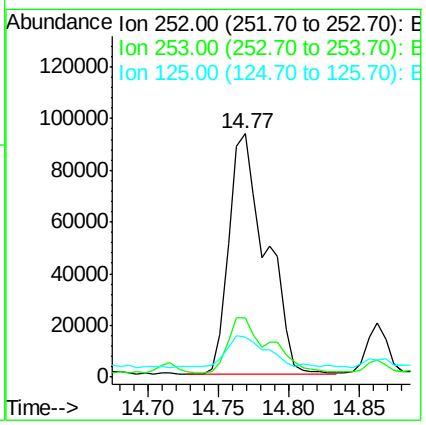


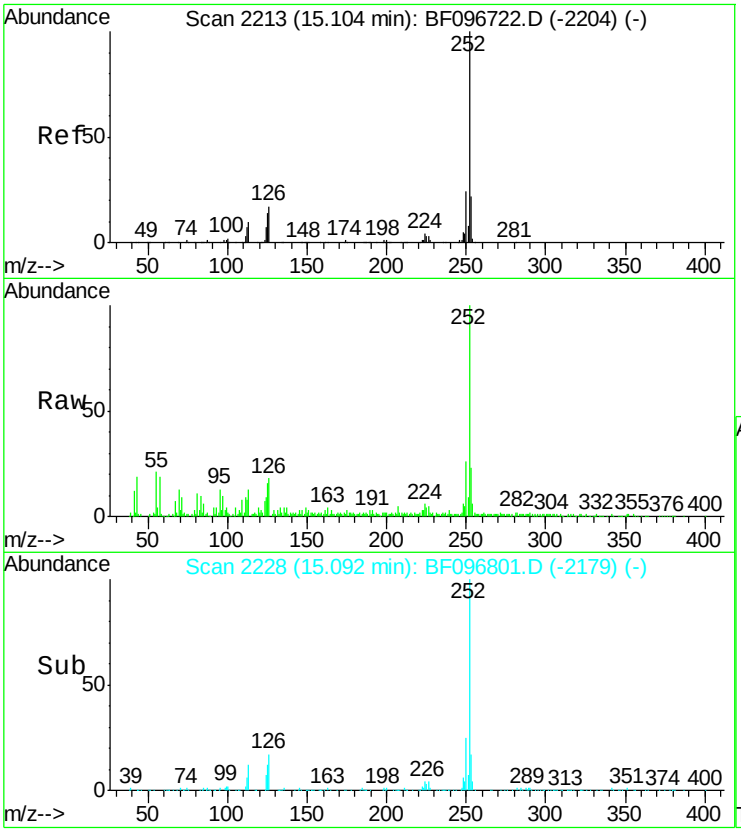


#88
Benzo(k)fluoranthene
Concen: 21.05 ng
RT: 14.77 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BF096801.D
Acq: 15 Jul 2017 5:02

Tgt Ion:252 Resp: 171737

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.4	27.6
125	16.5	13.1	19.7



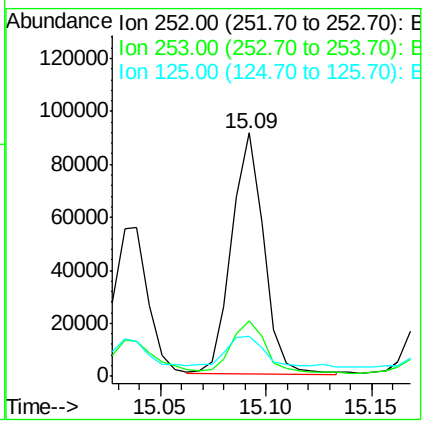


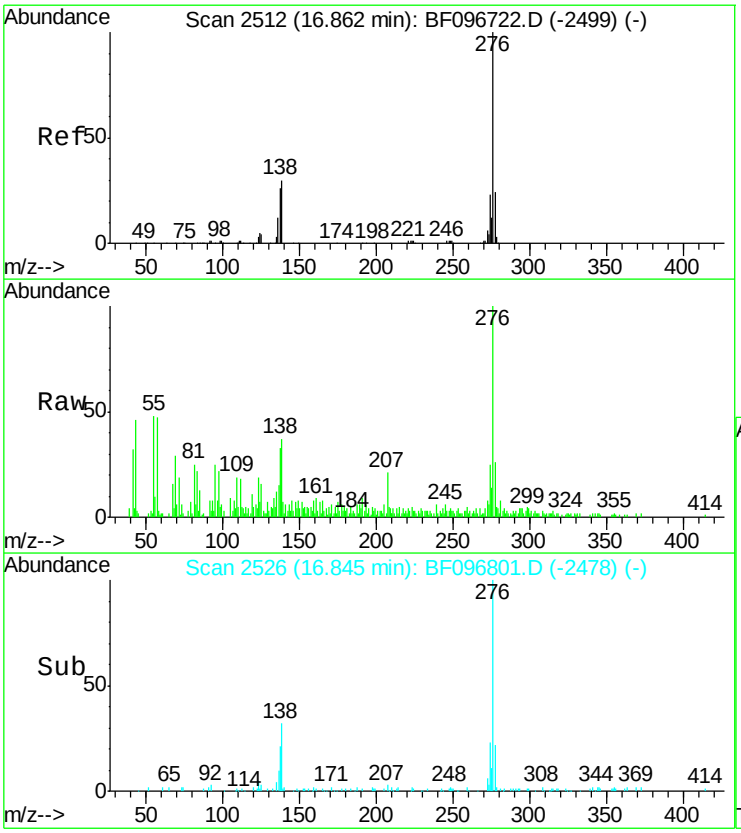
#89
Benzo(a)pyrene
Concen: 12.12 ng
RT: 15.09 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BF096801.D
Acq: 15 Jul 2017 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 95791

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	16.4	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 5.88 ng
RT: 16.84 min Scan# 2526
Delta R.T. -0.02 min
Lab File: BF096801.D
Acq: 15 Jul 2017 5:02

Tgt Ion:276 Resp: 45743

Ion	Ratio	Lower	Upper
276	100		
277	26.2	18.6	28.0
138	37.1	25.4	38.0