Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070717\
Data File : BF096581.D
Acq On : 8 Jul 2017 1:32
Operator : SJ/MA
Sample : I4062-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 08 04:13:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	101677	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	398804	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	155334	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	248965	20.00	ng		0.00
75) Chrysene-d12	13.84	240	188566	20.00	ng		0.00
86) Perylene-d12	15.25	264	123871	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	618512	89.78	ng		0.00
7) Phenol-d6	6.34	99	723830	85.47	ng		0.00
23) Nitrobenzene-d5	7.26	82	389744	58.73	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	113618	93.64	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	661719	72.84	ng		0.00
78) Terphenyl-d14	12.80	244	513444	58.18	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	51661	10.24	ng	#	86
25) Isophorone	7.26	82	385844	29.99	ng	#	67
48) Acenaphthylene	9.59	152	168831	10.74	ng		98
49) Dimethylphthalate	9.45	163	48220	4.16	ng		97
66) 4-Bromophenyl-phenylether	10.52	248	7248	2.99	ng	#	1
70) Phenanthrene	11.23	178	114225	8.49	ng		98
71) Anthracene	11.29	178	127011	9.26	ng		100
74) Fluoranthene	12.42	202	360626	27.33	ng		99
77) Pyrene	12.64	202	433839	28.66	ng		99
80) Benzo(a)anthracene	13.87	228	188556	17.27	ng		95
82) Chrysene	13.87	228	188556	16.49	ng		97
85) Indeno(1,2,3-cd)pyrene	16.60	276	111247	12.32	ng		94
87) Benzo(b)fluoranthene	14.86	252	302015	38.91	ng	#	93
88) Benzo(k)fluoranthene	14.86	252	302015	43.50	ng		97
89) Benzo(a)pyrene	15.19	252	159116	22.96	ng		95
90) Dibenzo(a,h)anthracene	16.61	278	28590	5.24	ng	#	76
91) Benzo(g,h,i)perylene	17.02	276	136885	24.23	ng		98

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

Quantitation Report (Not Reviewed)

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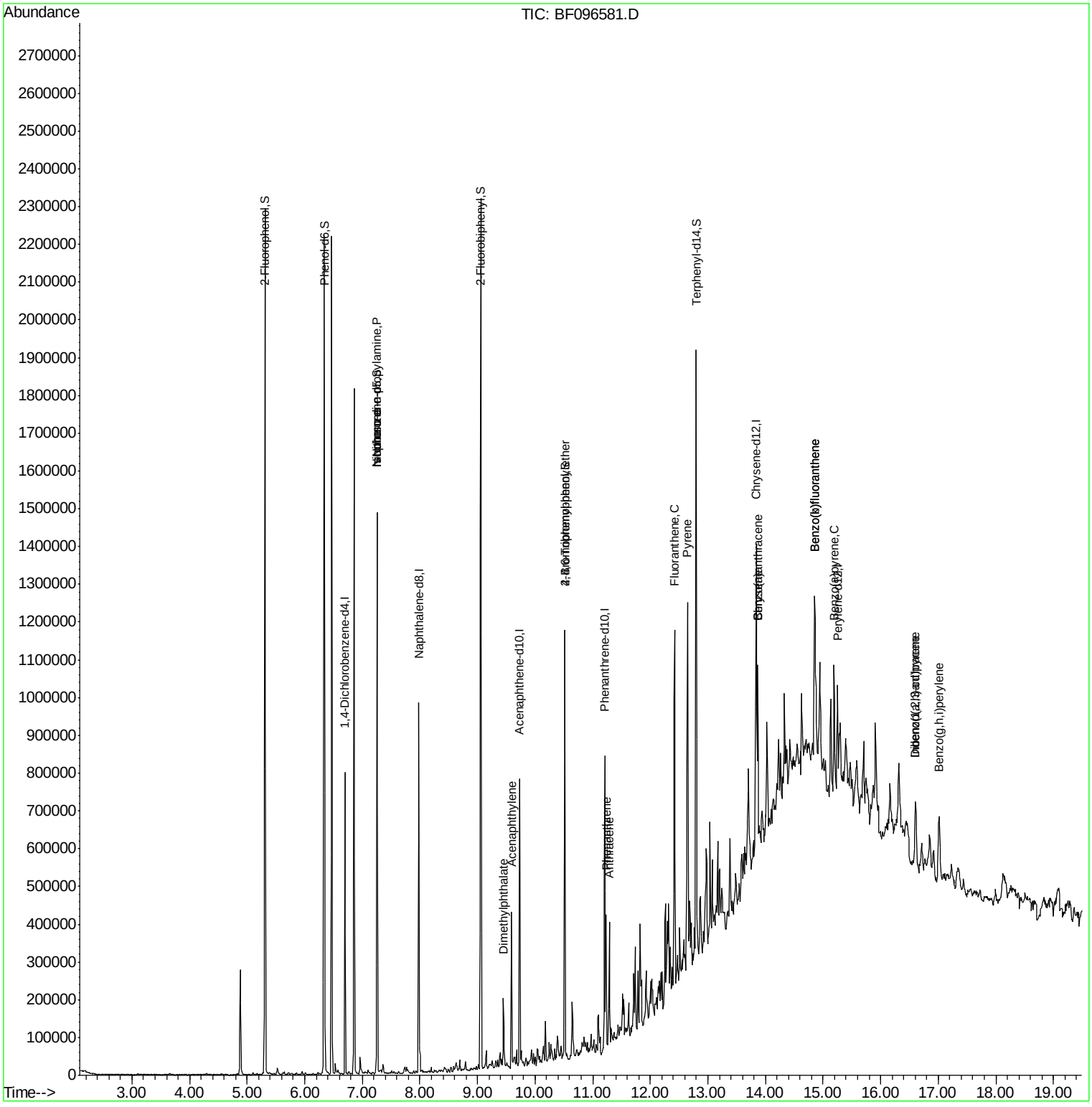
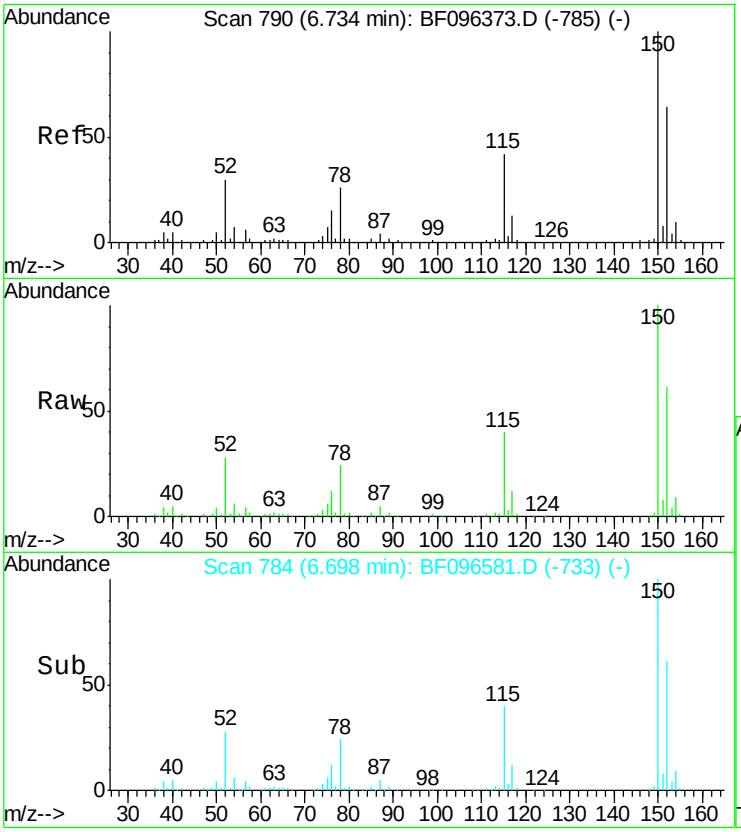


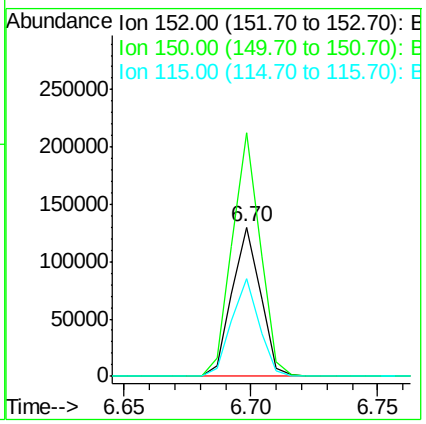


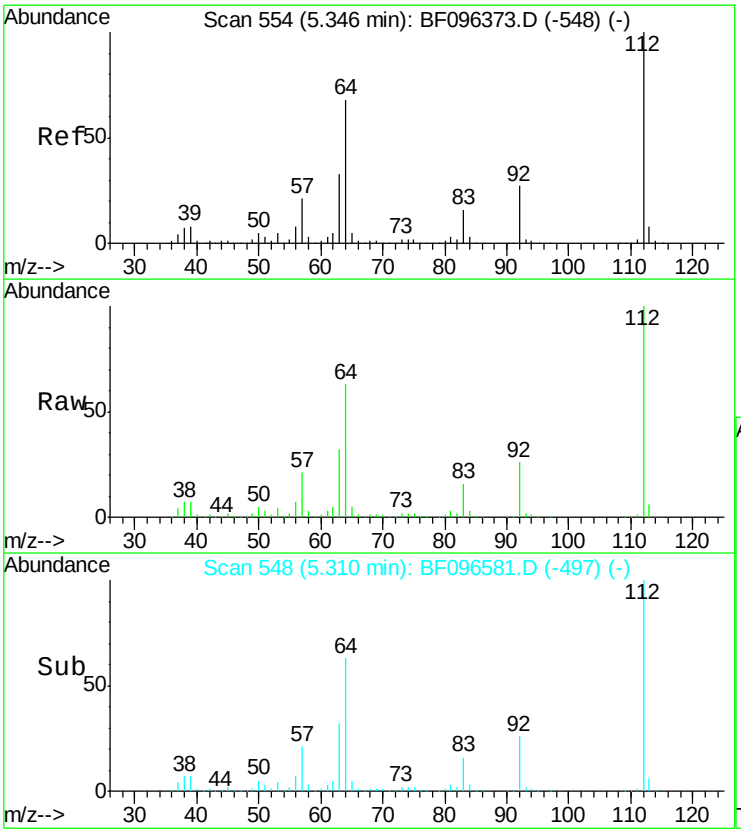
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096581.D
Acq: 8 Jul 2017 1:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 101677

Ion	Ratio	Lower	Upper
152	100		
150	163.0	126.2	189.2
115	65.1	52.2	78.2

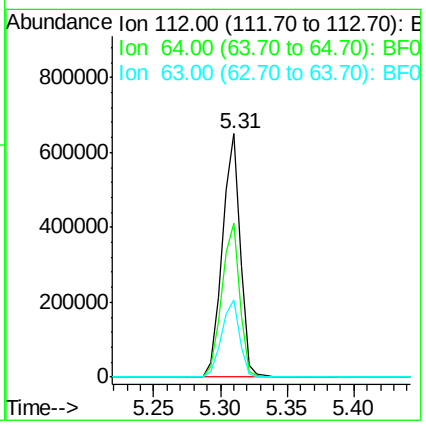


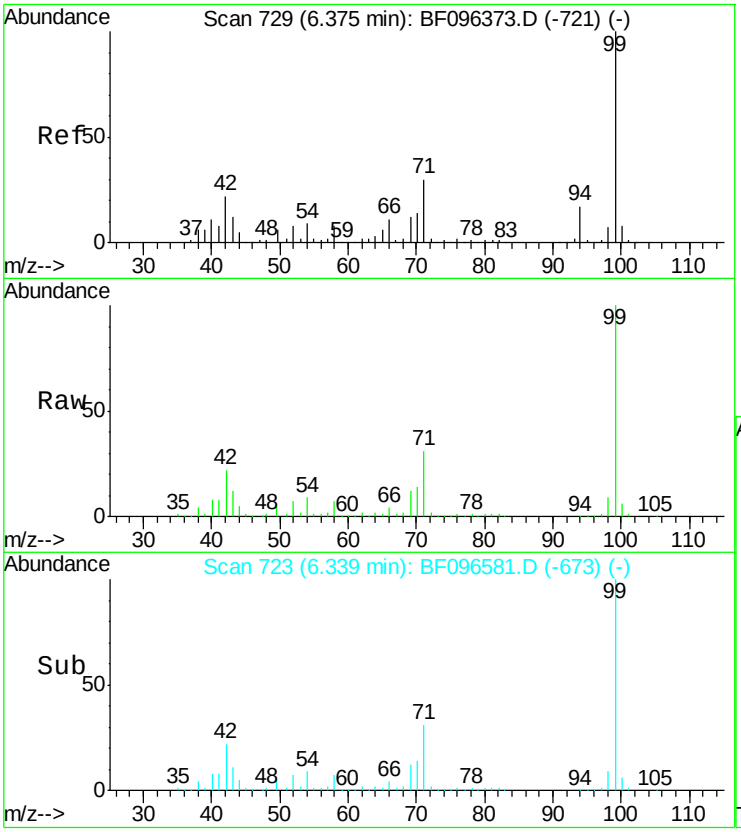


#5
2-Fluorophenol
Concen: 89.78 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF096581.D
Acq: 8 Jul 2017 1:32

Tgt Ion:112 Resp: 618512

Ion	Ratio	Lower	Upper
112	100		
64	63.3	46.0	69.0
63	31.9	23.4	35.0



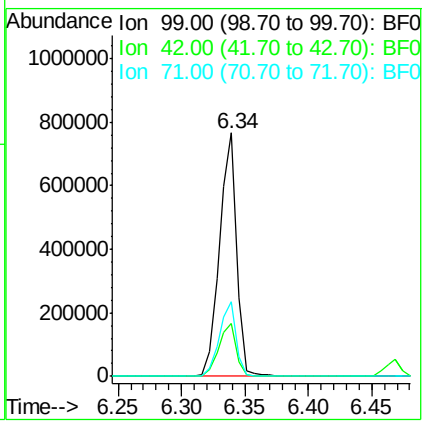


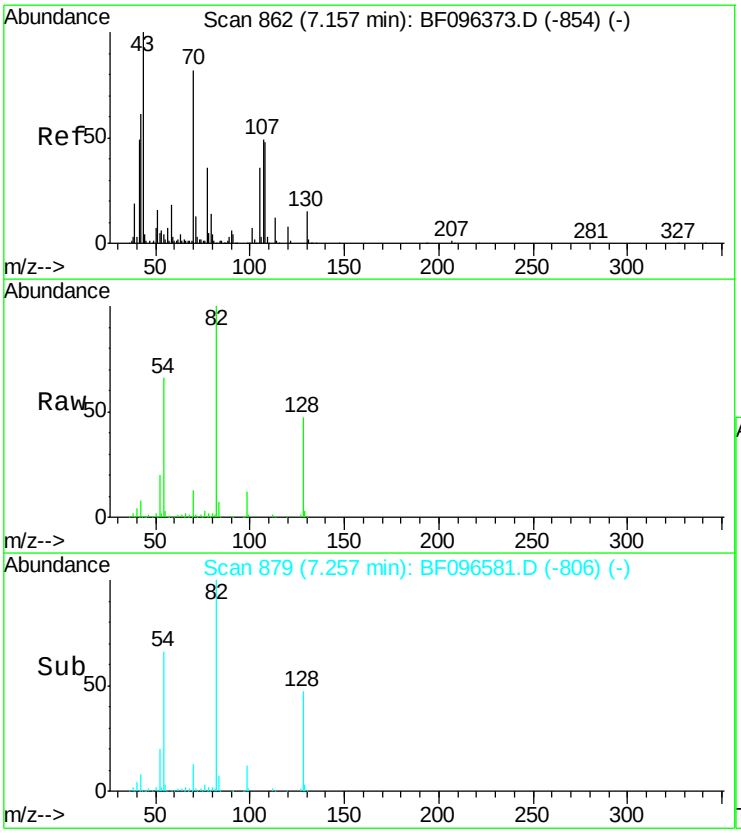
#7
Phenol-d6
Concen: 85.47 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF096581.D
Acq: 8 Jul 2017 1:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 723830

Ion	Ratio	Lower	Upper
99	100		
42	21.6	13.5	20.3#
71	30.6	24.5	36.7

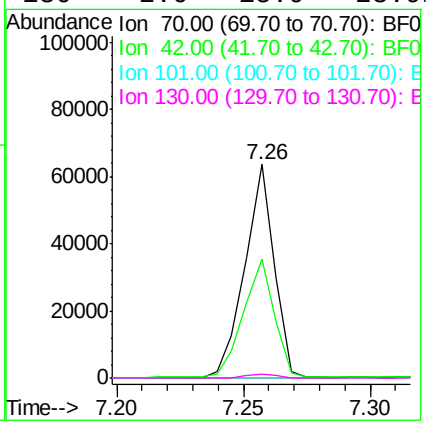


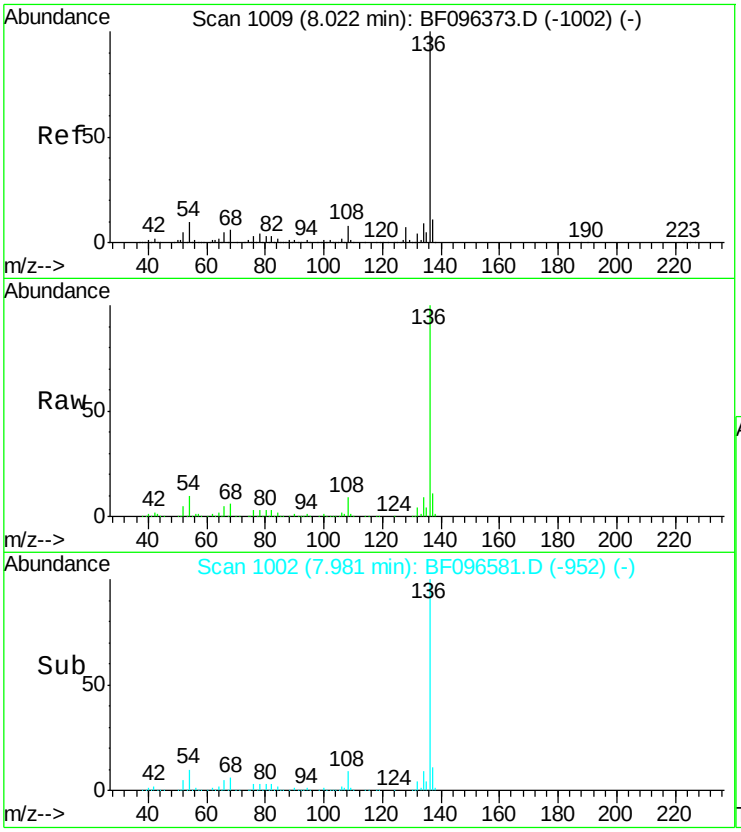


#19
n-Nitroso-di-n-propylamine
Concen: 10.24 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.13 min
Lab File: BF096581.D
Acq: 8 Jul 2017 1:32

Tgt Ion: 70 Resp: 51661

Ion	Ratio	Lower	Upper
70	100		
42	56.0	47.2	70.8
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#



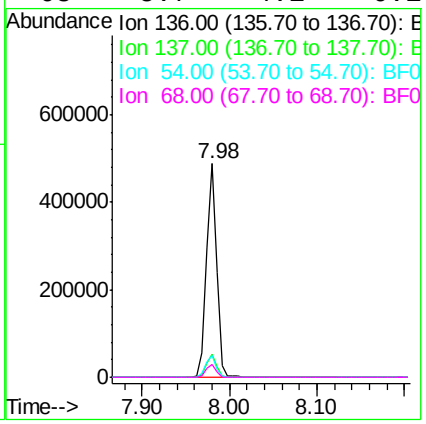


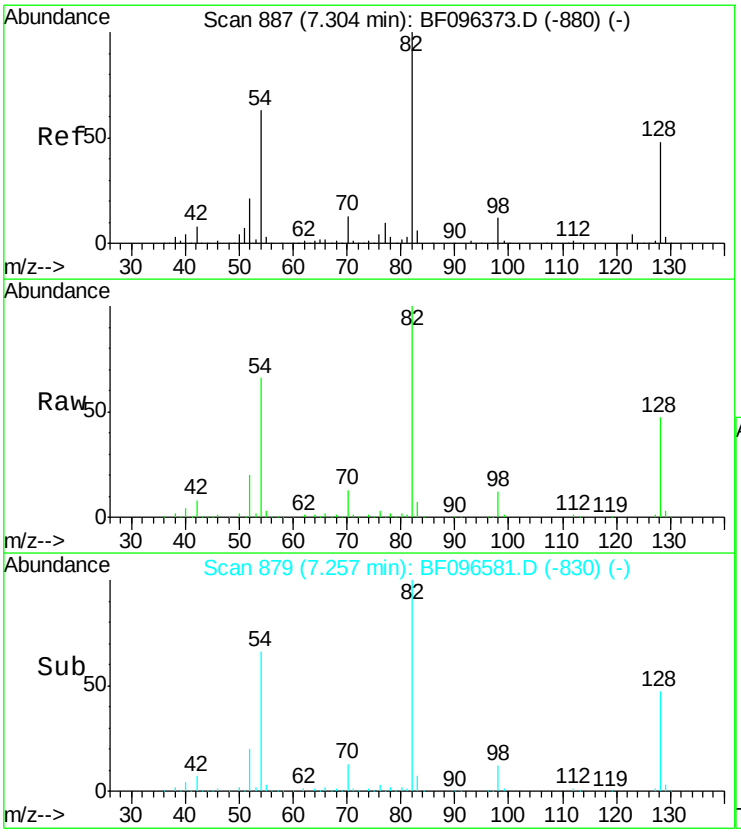
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF096581.D
Acq: 8 Jul 2017 1:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 398804

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.1	4.9	7.3#
68	5.7	4.1	6.1

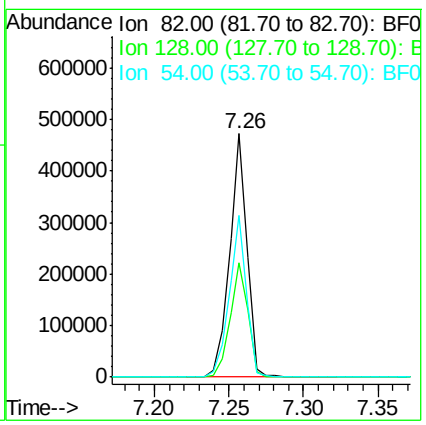


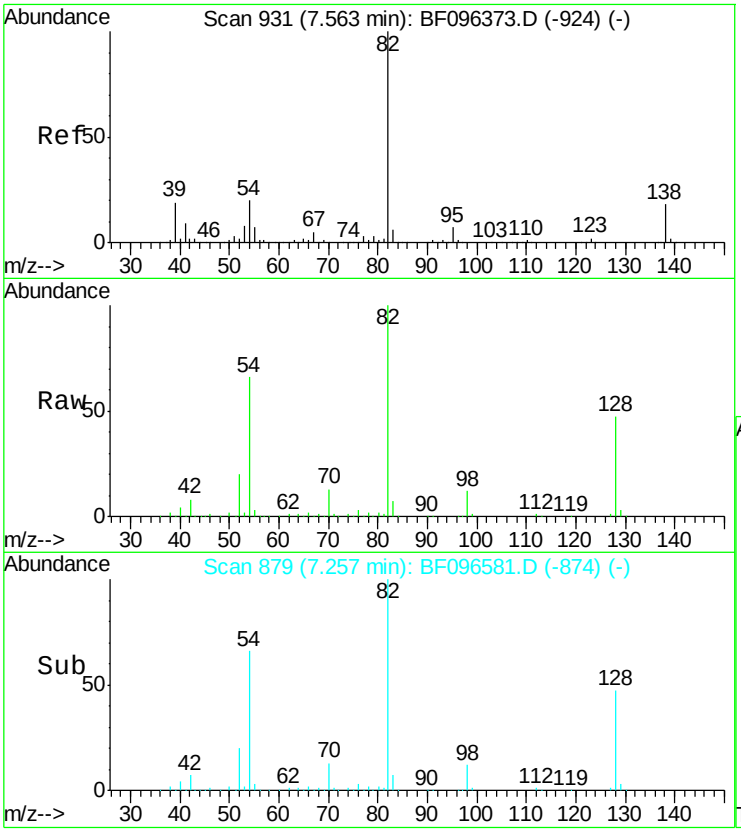


#23
Nitrobenzene-d5
Concen: 58.73 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF096581.D
Acq: 8 Jul 2017 1:32

Tgt Ion: 82 Resp: 389744

Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.0	51.0
54	66.5	42.2	63.2#



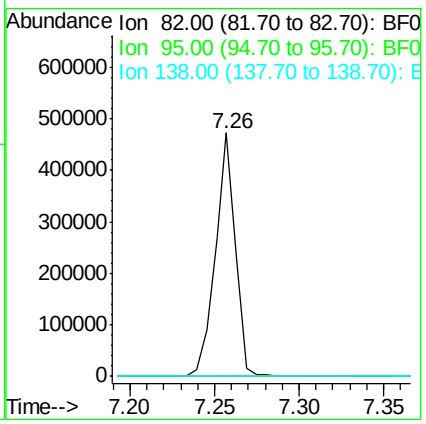


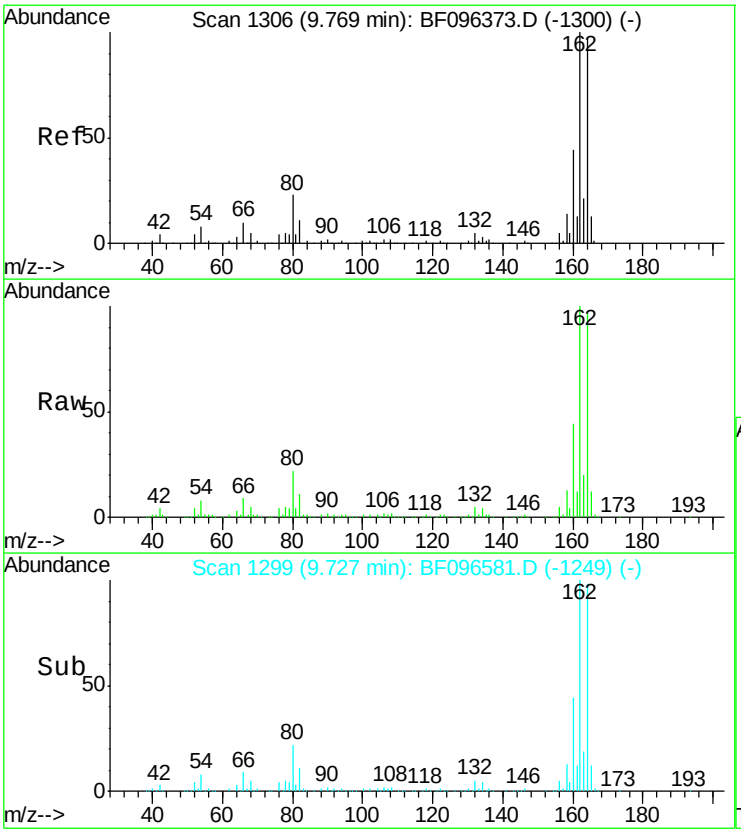
#25
Isophorone
Concen: 29.99 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.27 min
Lab File: BF096581.D
Acq: 8 Jul 2017 1:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 385844

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

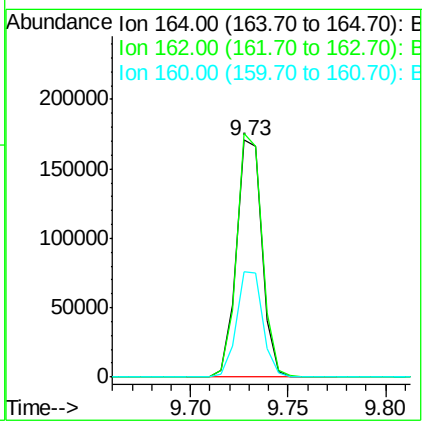


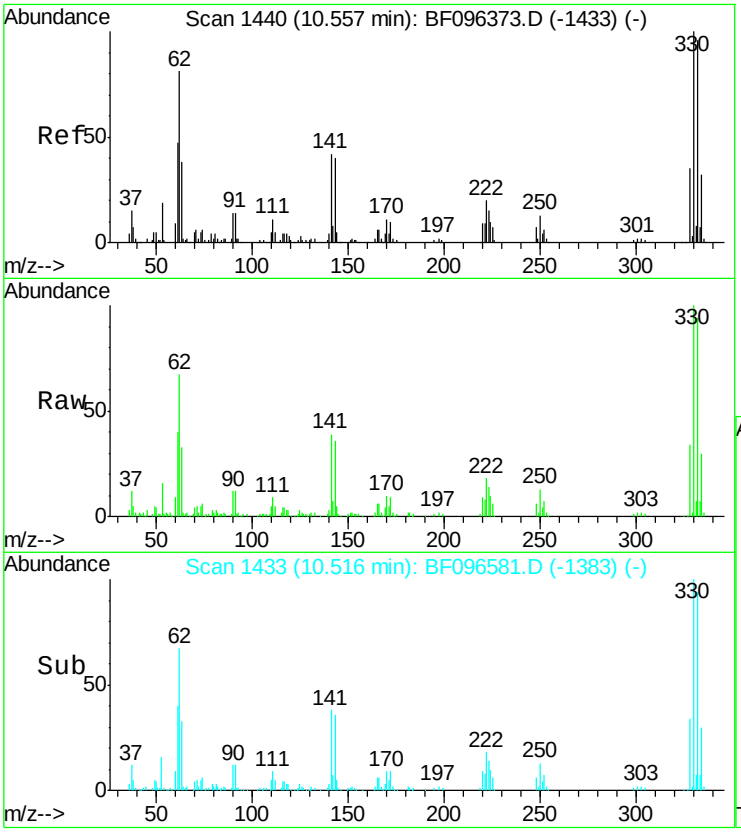


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF096581.D
Acq: 8 Jul 2017 1:32

Tgt Ion:164 Resp: 155334

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	123.8
160	44.7	36.2	54.2



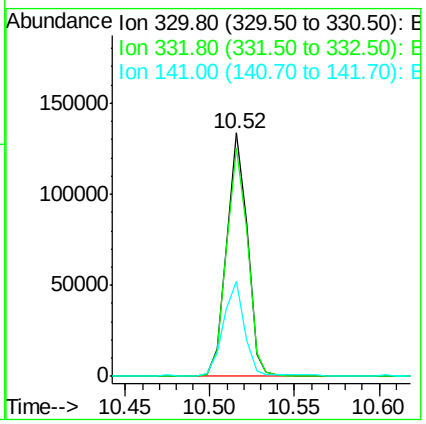


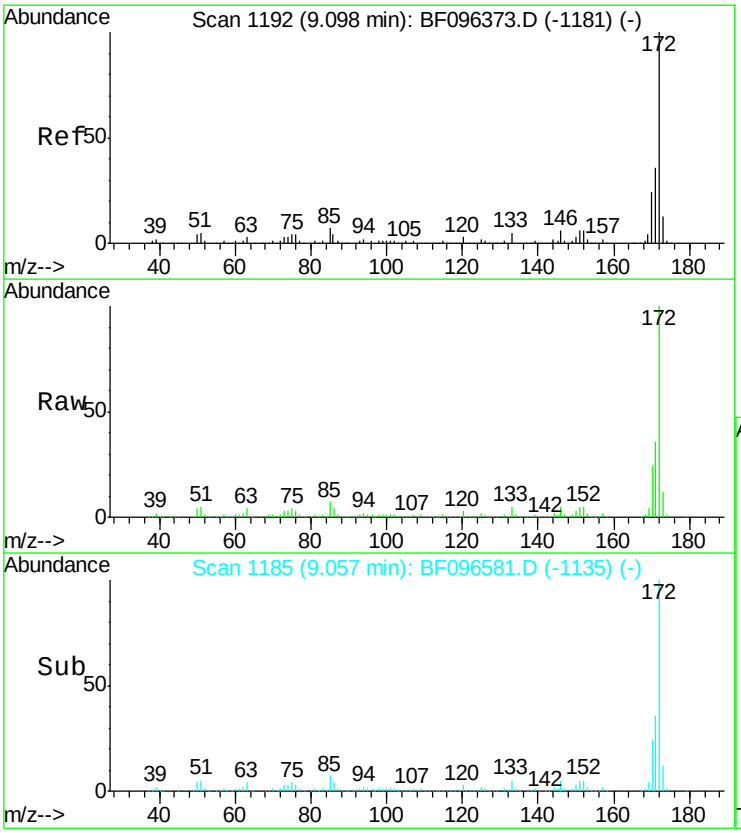
#41
2,4,6-Tribromophenol
Concen: 93.64 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF096581.D
Acq: 8 Jul 2017 1:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 113618

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	38.8	31.4	47.2

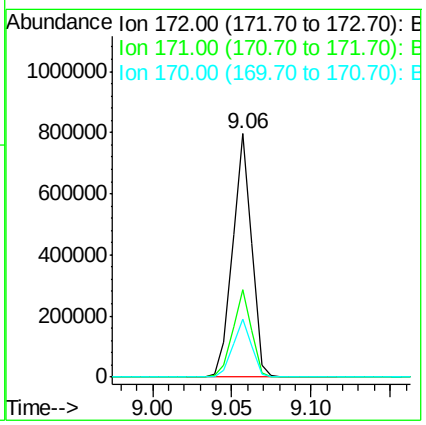


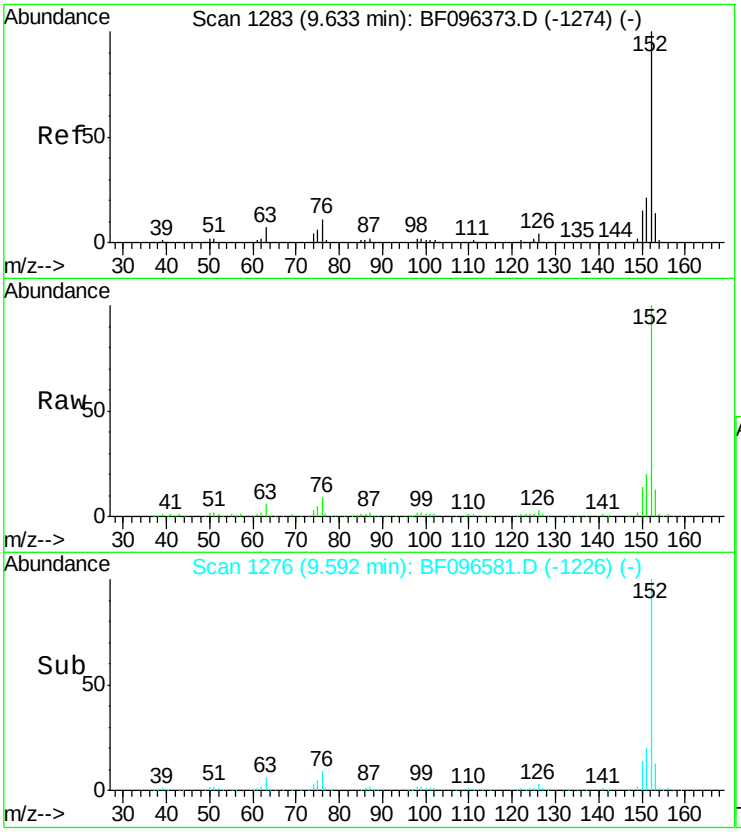


#44
2-Fluorobiphenyl
Concen: 72.84 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF096581.D
Acq: 8 Jul 2017 1:32

Tgt Ion:172 Resp: 661719

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.6	19.8	29.8



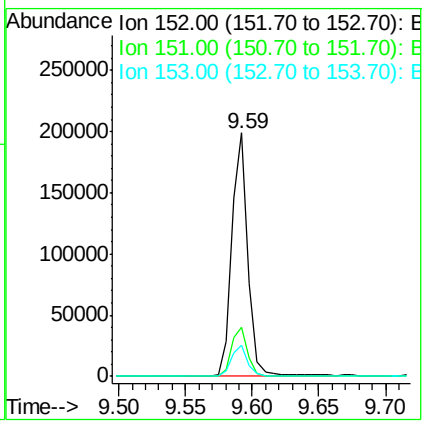


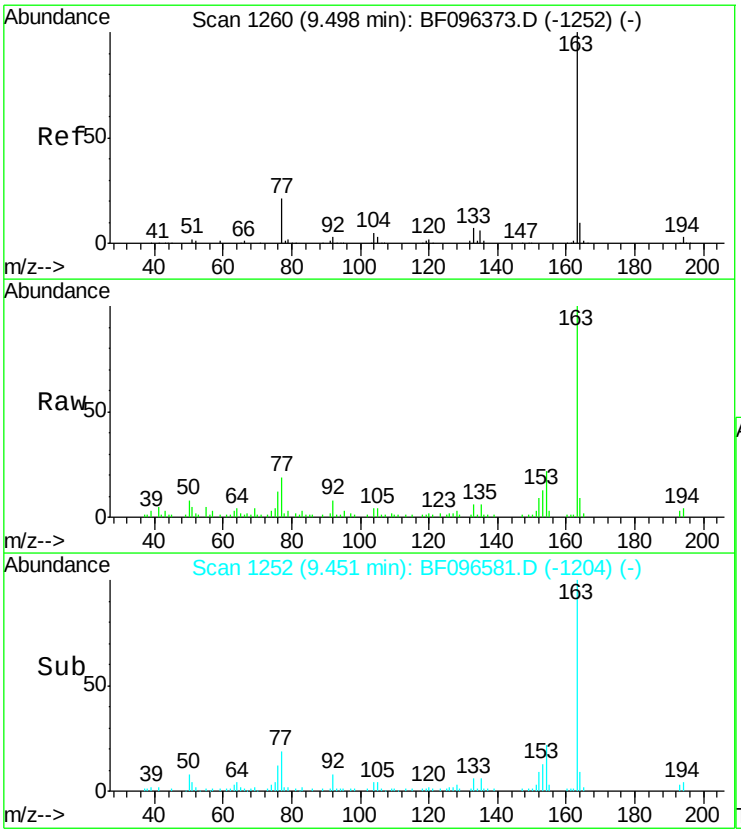
#48
Acenaphthylene
Concen: 10.74 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF096581.D
Acq: 8 Jul 2017 1:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 168831

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.8	25.2
153	12.7	10.8	16.2

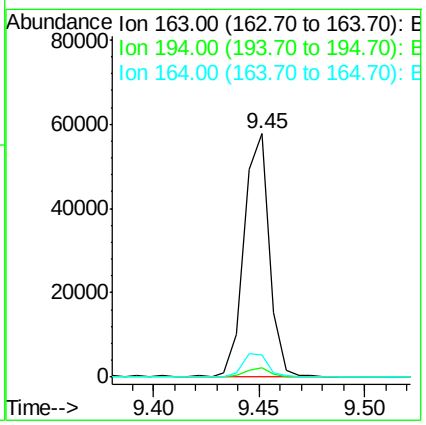


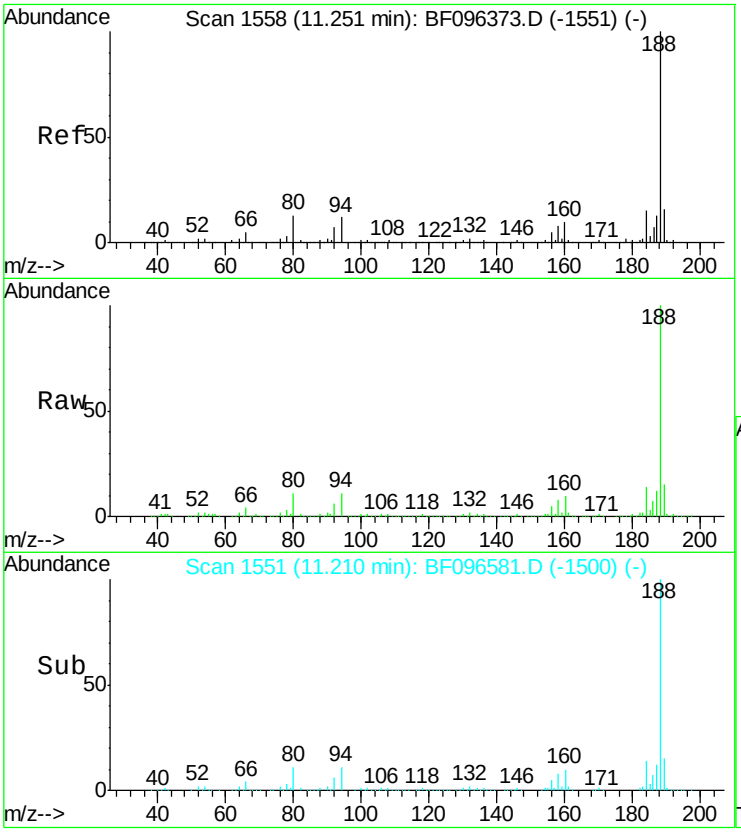


#49
Dimethylphthalate
Concen: 4.16 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF096581.D
Acq: 8 Jul 2017 1:32

Tgt Ion:163 Resp: 48220

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.1	8.4	12.6



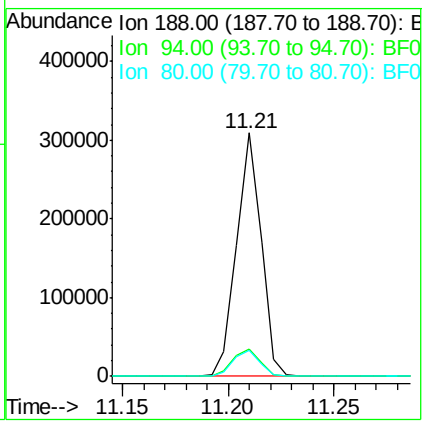


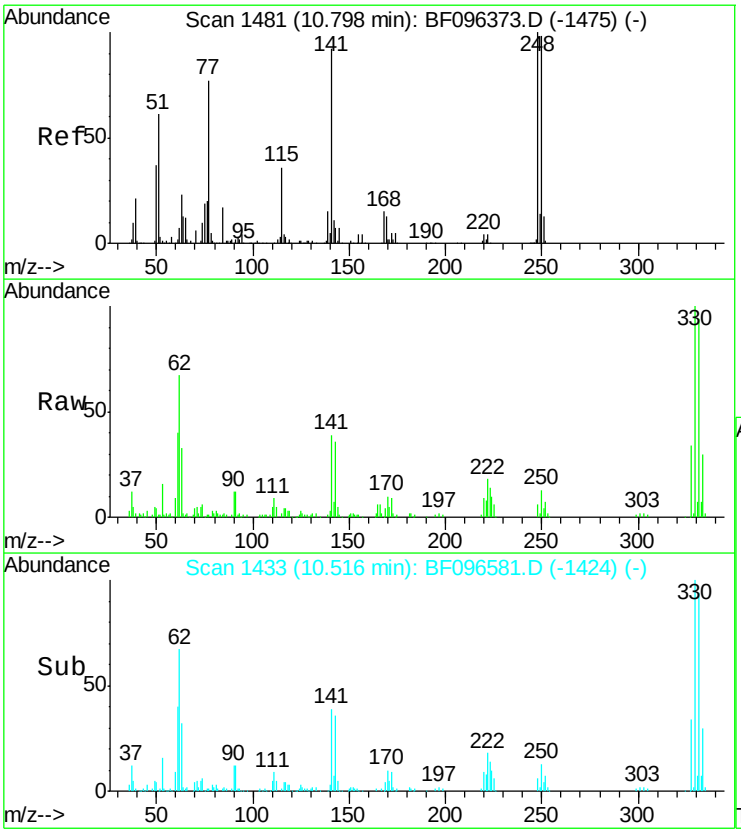
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.00 min
Lab File: BF096581.D
Acq: 8 Jul 2017 1:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 248965

Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	10.9	10.2	15.2

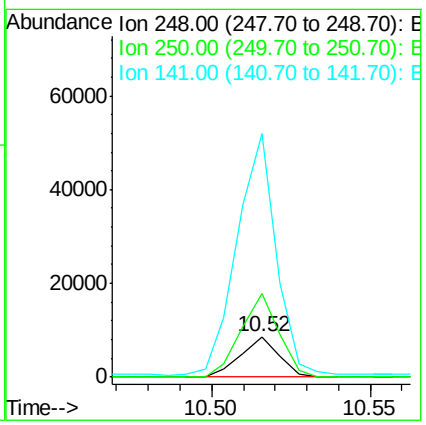


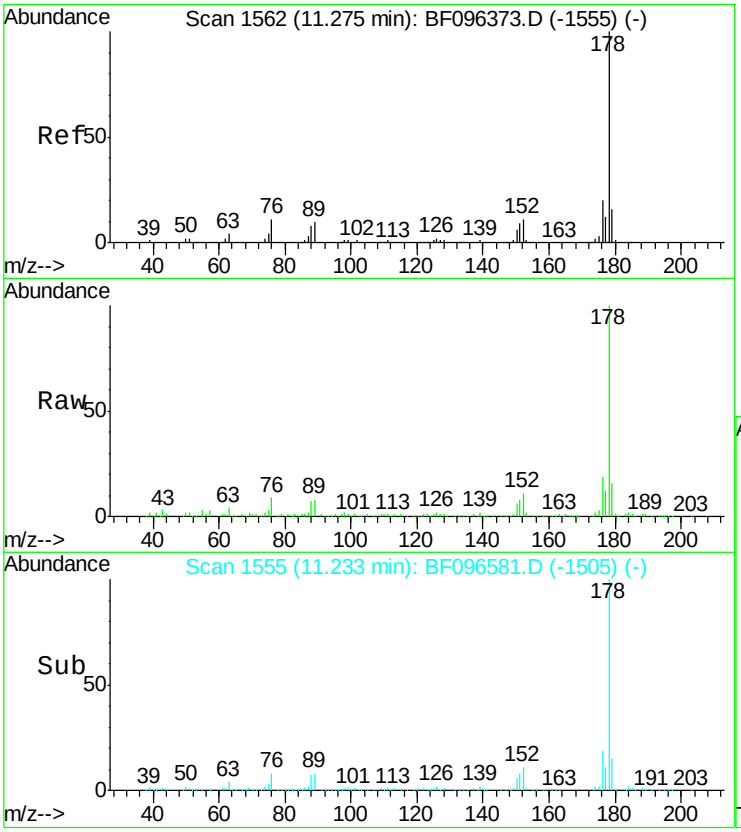


#66
4-Bromophenyl-phenylether
Concen: 2.99 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF096581.D
Acq: 8 Jul 2017 1:32

Tgt Ion:248 Resp: 7248

Ion	Ratio	Lower	Upper
248	100		
250	209.5	76.8	115.2#
141	605.6	68.6	103.0#



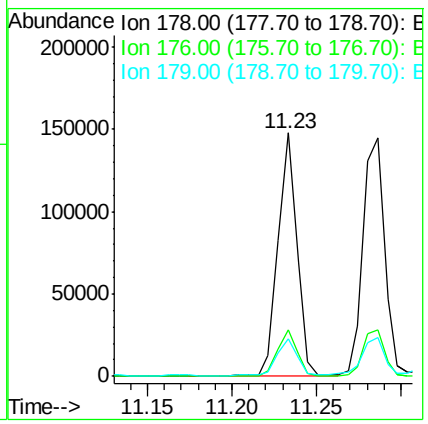


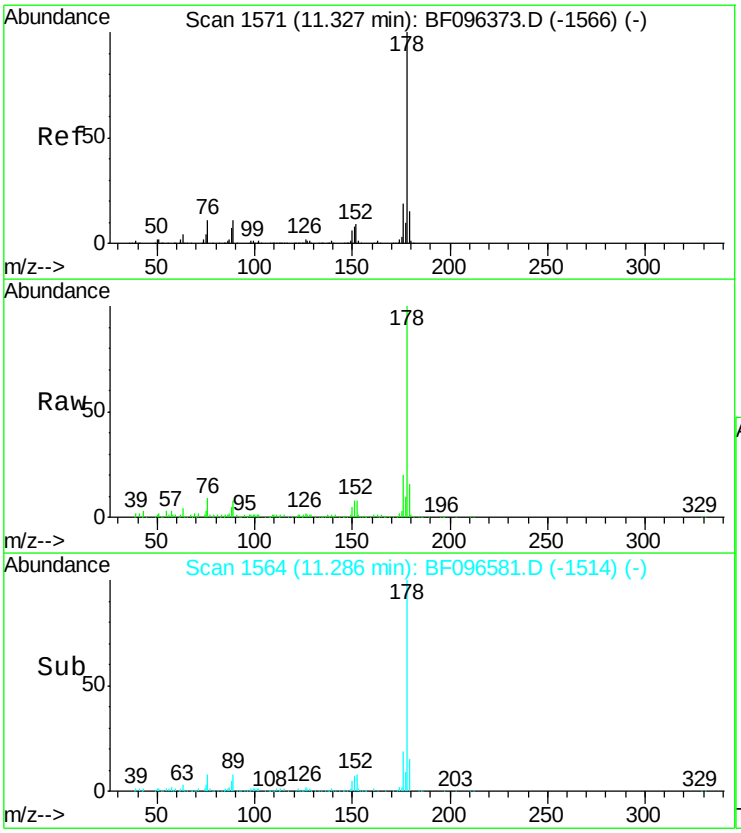
#70
Phenanthrene
Concen: 8.49 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF096581.D
Acq: 8 Jul 2017 1:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 114225

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

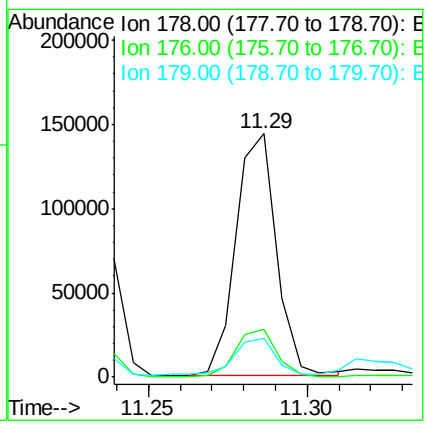


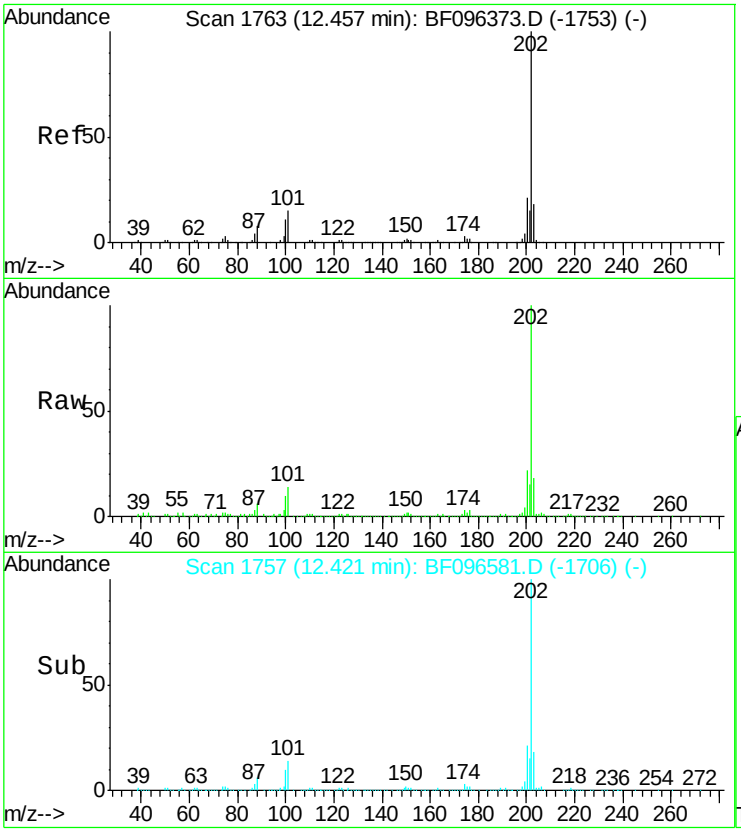


#71
Anthracene
Concen: 9.26 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF096581.D
Acq: 8 Jul 2017 1:32

Tgt Ion:178 Resp: 127011

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	16.2	12.7	19.1



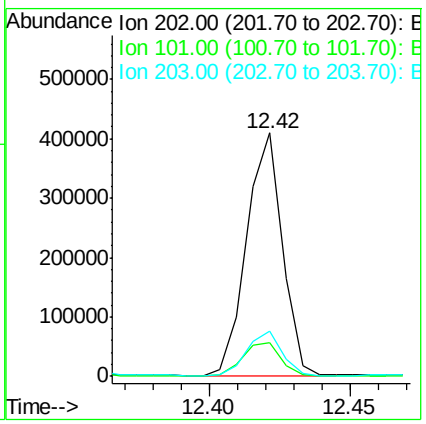


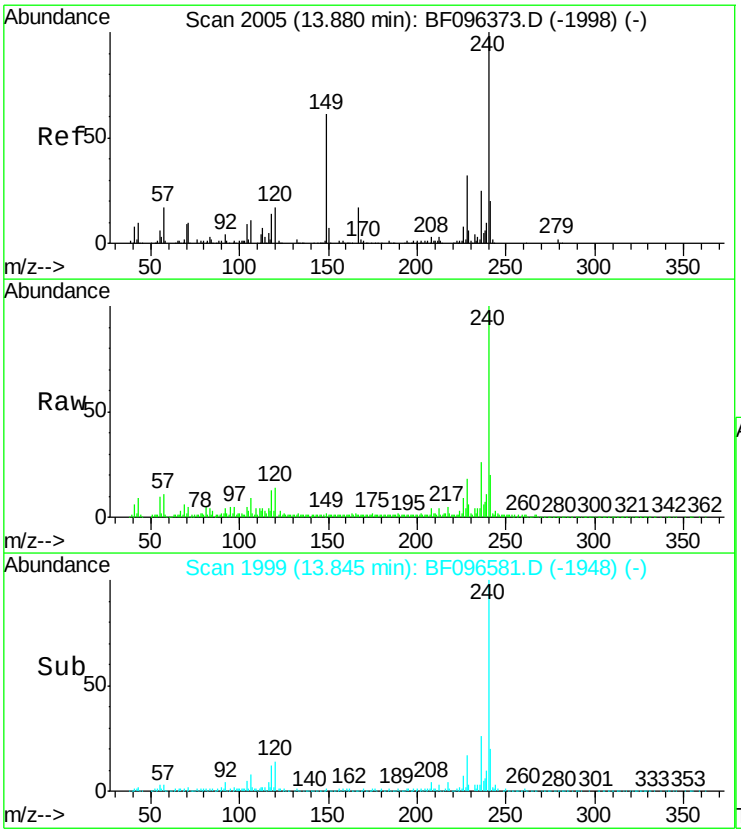
#74
Fluoranthene
Concen: 27.33 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.00 min
Lab File: BF096581.D
Acq: 8 Jul 2017 1:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 360626

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	33.2
203	18.3	0.0	38.1

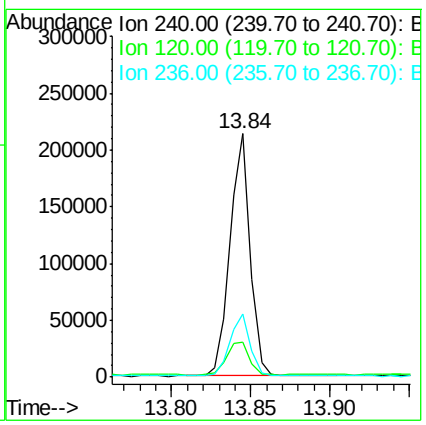


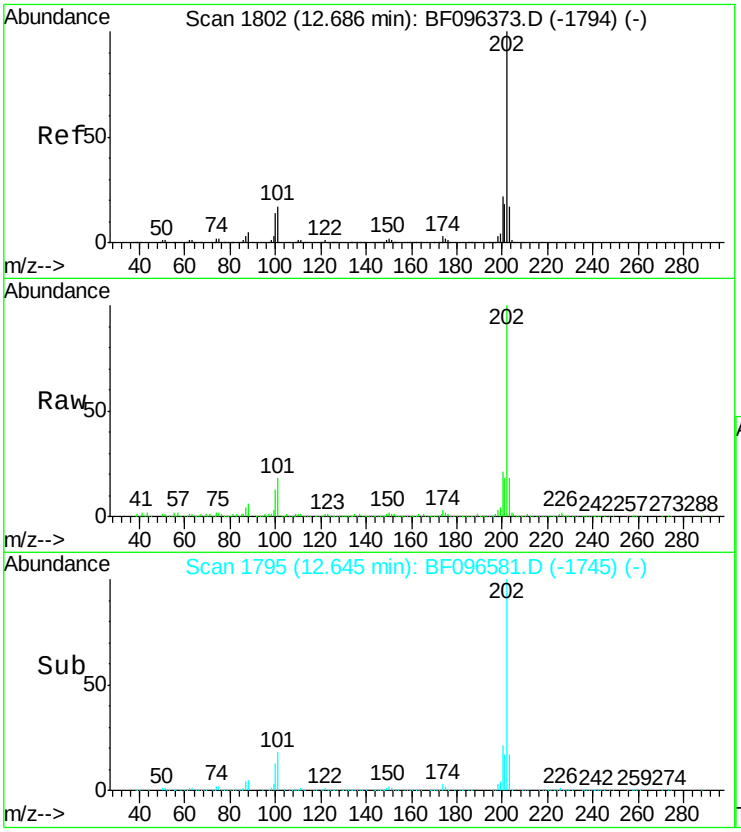


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF096581.D
Acq: 8 Jul 2017 1:32

Tgt Ion:240 Resp: 188566

Ion	Ratio	Lower	Upper
240	100		
120	14.3	5.8	8.8#
236	26.0	20.5	30.7



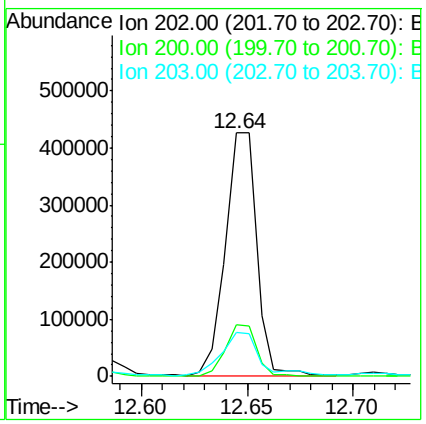


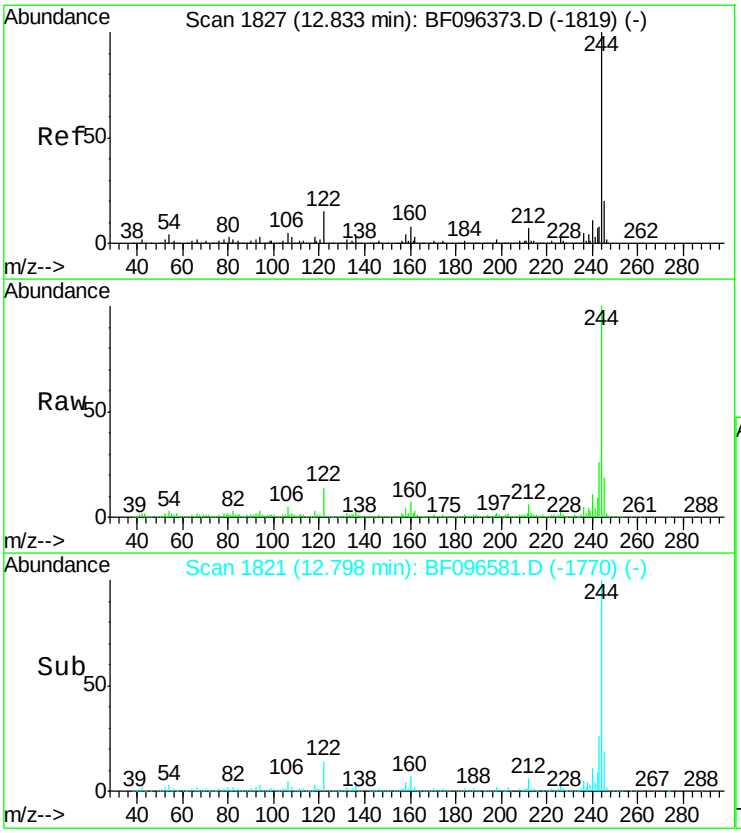
#77
Pyrene
Concen: 28.66 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF096581.D
Acq: 8 Jul 2017 1:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 433839

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	18.3	14.4	21.6

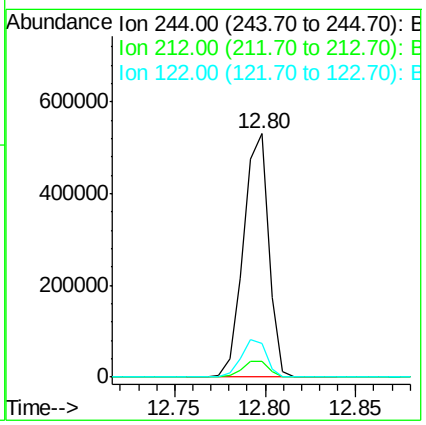


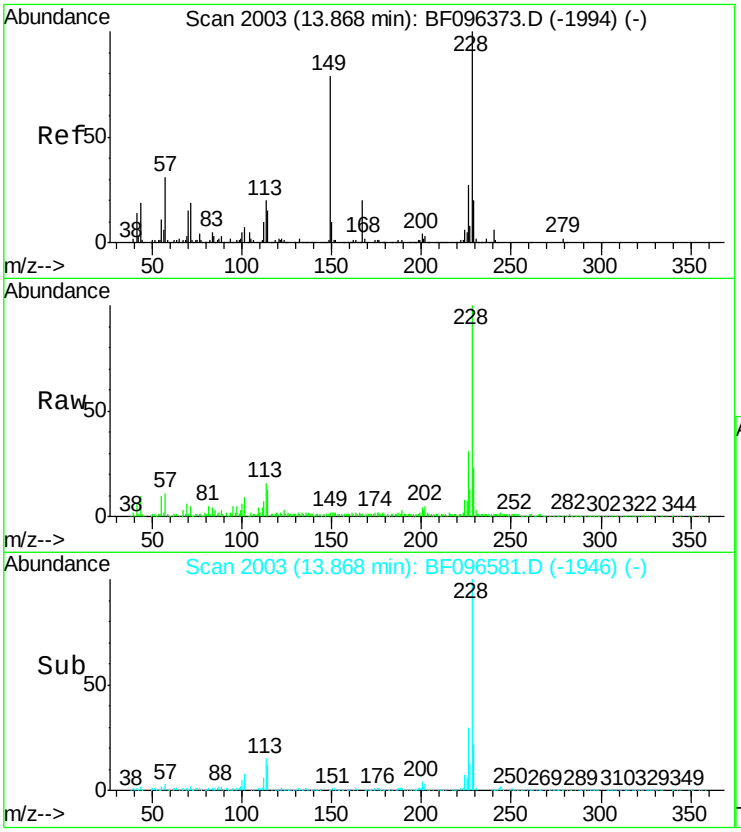


#78
Terphenyl-d14
Concen: 58.18 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BF096581.D
Acq: 8 Jul 2017 1:32

Tgt Ion:244 Resp: 513444

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	13.8	10.3	15.5



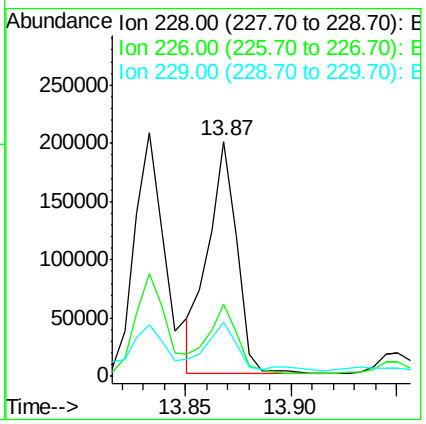


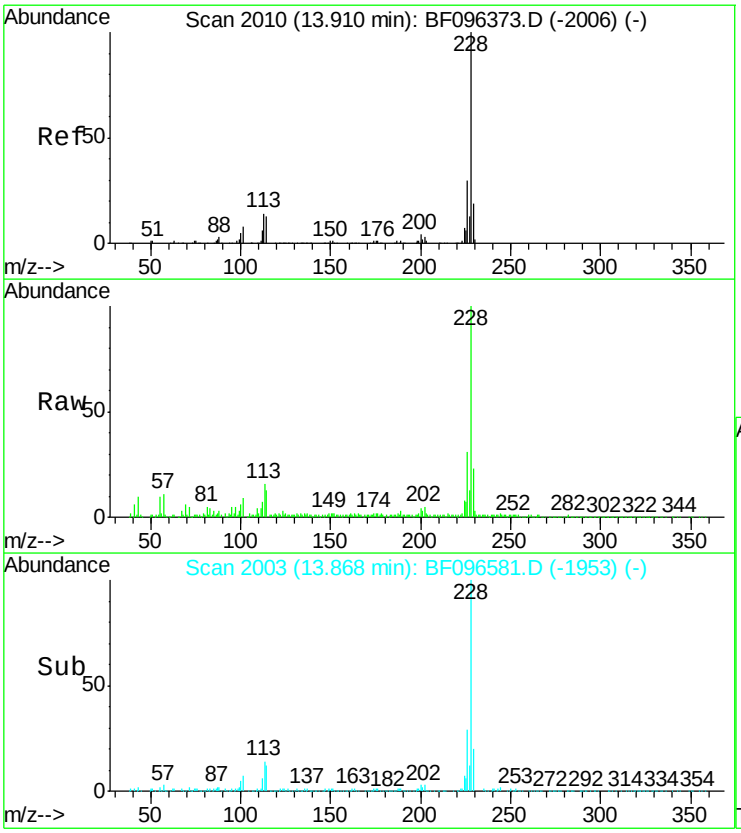
#80
Benzo(a)anthracene
Concen: 17.27 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.04 min
Lab File: BF096581.D
Acq: 8 Jul 2017 1:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 188556

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.6	33.8
229	23.0	16.3	24.5

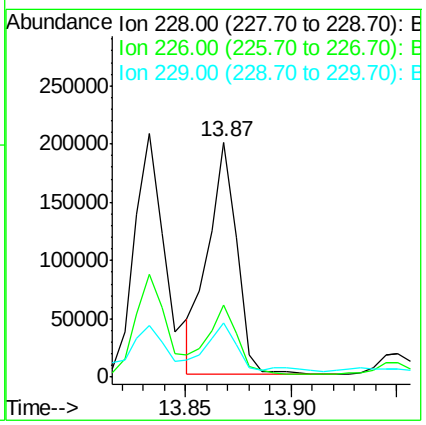


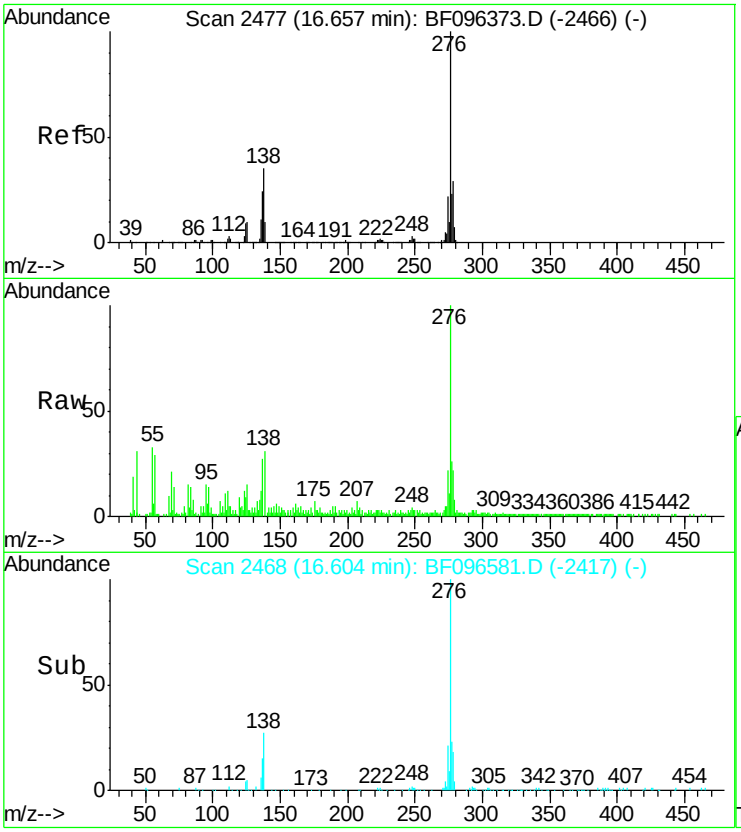


#82
Chrysene
Concen: 16.49 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF096581.D
Acq: 8 Jul 2017 1:32

Tgt Ion:228 Resp: 188556

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	23.0	15.8	23.6



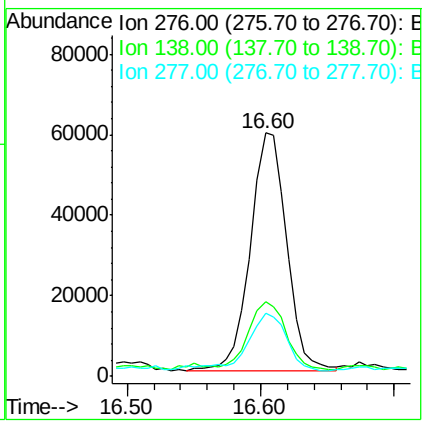


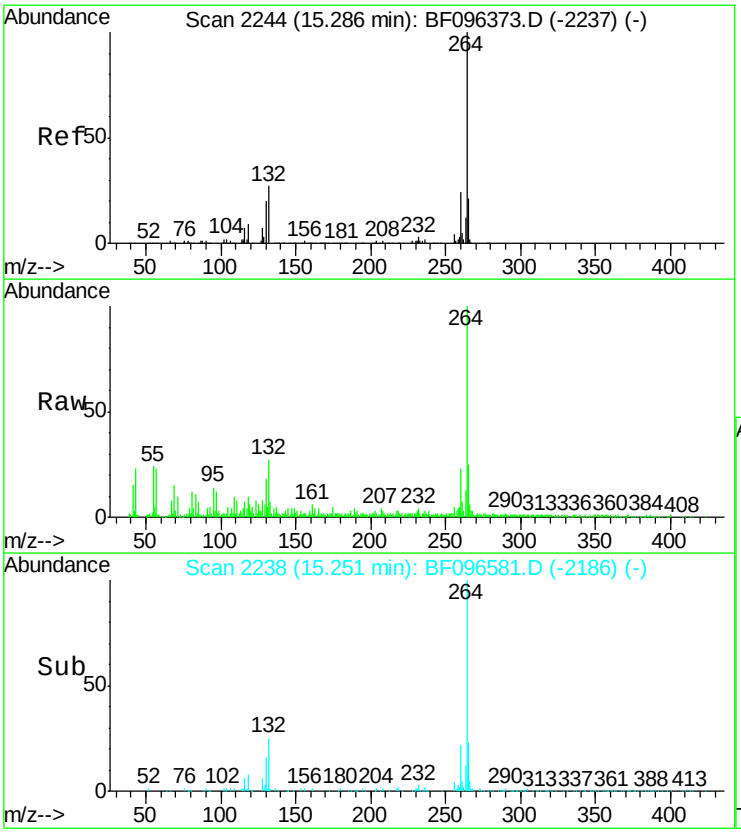
#85
Indeno(1,2,3-cd)pyrene
Concen: 12.32 ng
RT: 16.60 min Scan# 2468
Delta R.T. -0.00 min
Lab File: BF096581.D
Acq: 8 Jul 2017 1:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 111247

Ion	Ratio	Lower	Upper
276	100		
138	29.7	27.8	41.6
277	26.5	20.2	30.4

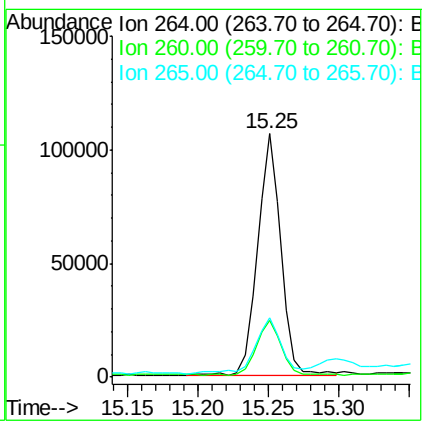


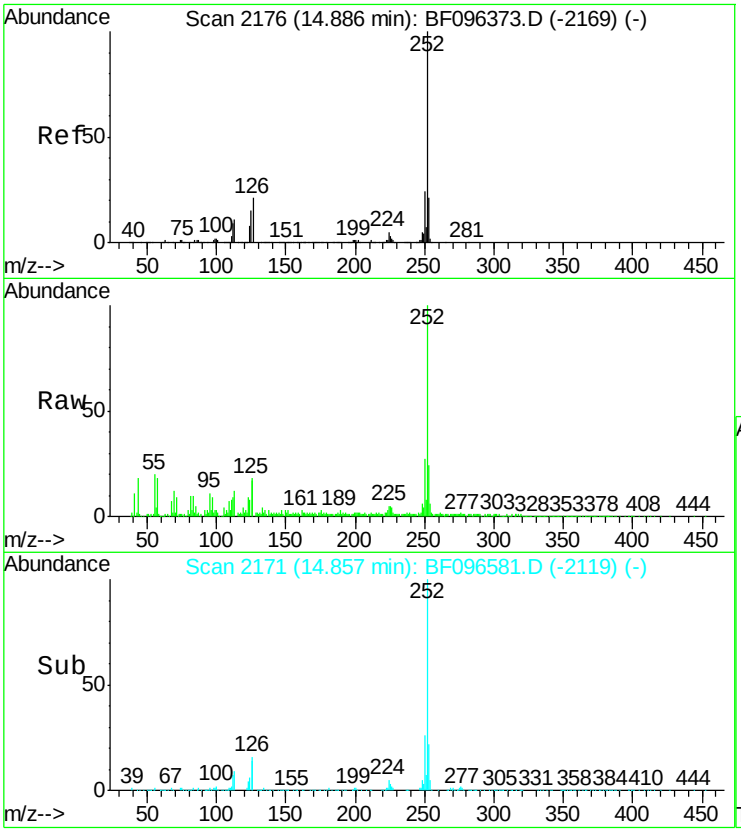


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF096581.D
Acq: 8 Jul 2017 1:32

Tgt Ion:264 Resp: 123871

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	24.6	17.2	25.8



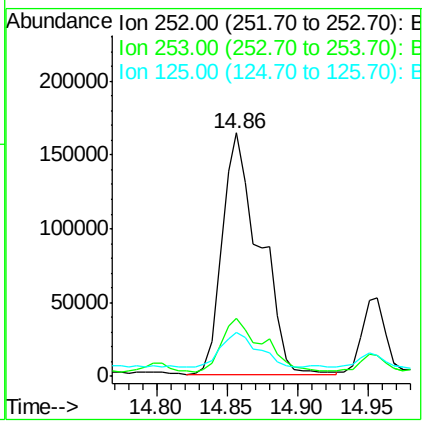


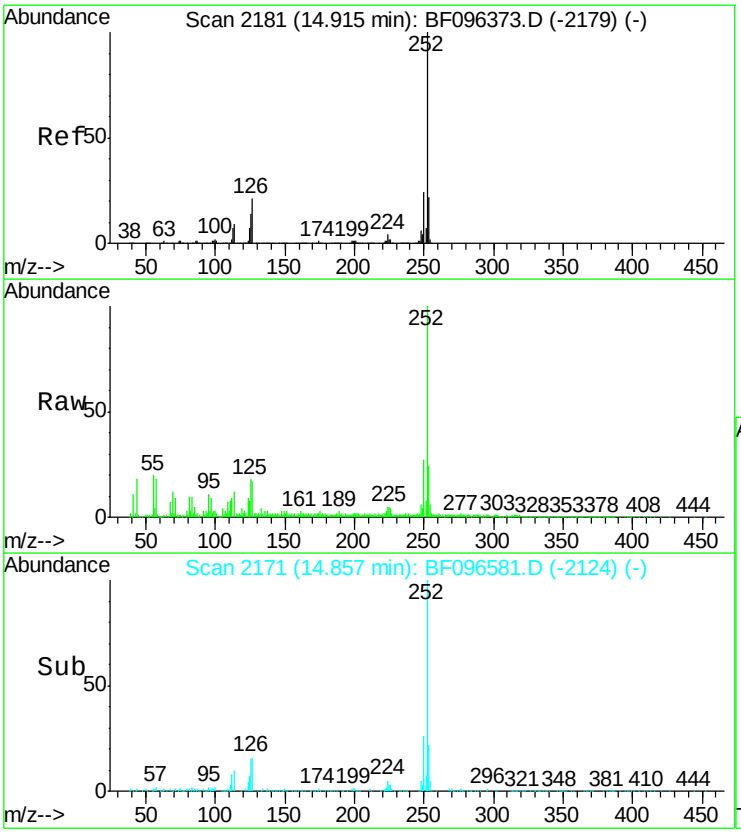
#87
Benzo(b)fluoranthene
Concen: 38.91 ng
RT: 14.86 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BF096581.D
Acq: 8 Jul 2017 1:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 302015

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	18.2	9.8	14.8#

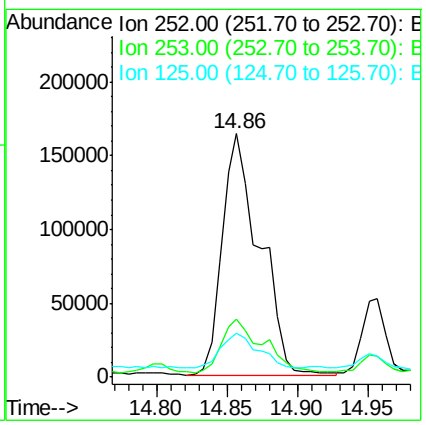


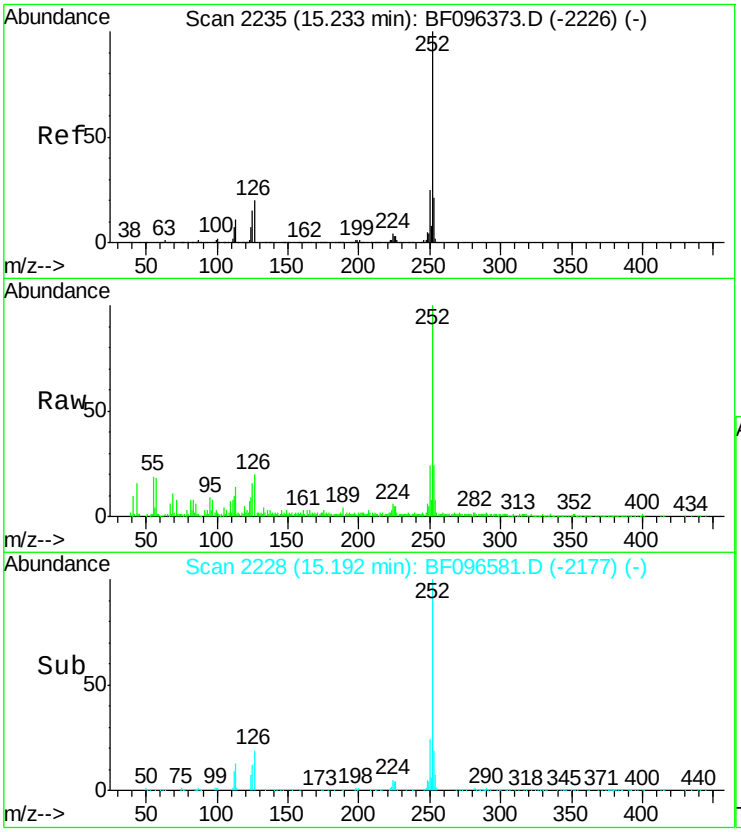


#88
Benzo(k)fluoranthene
Concen: 43.50 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BF096581.D
Acq: 8 Jul 2017 1:32

Tgt Ion:252 Resp: 302015

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.4	27.6
125	18.2	13.1	19.7



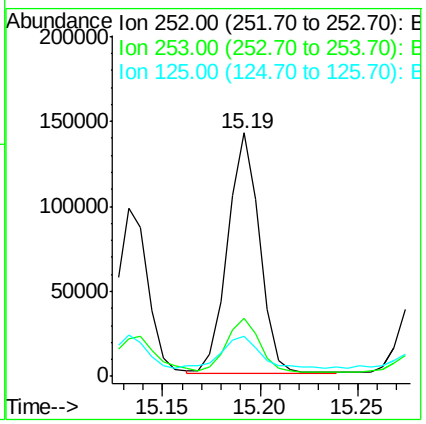


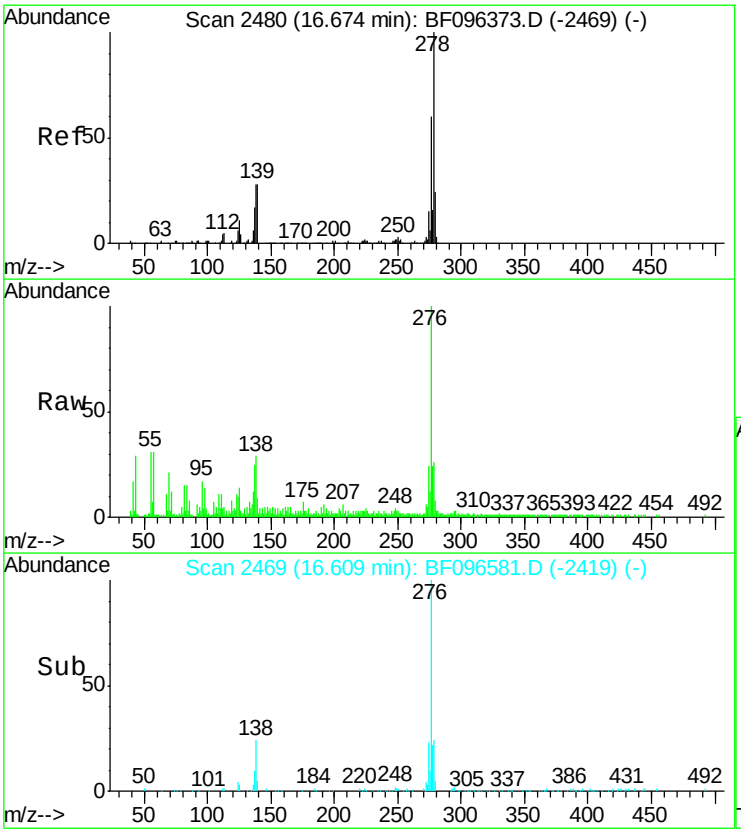
#89
Benzo(a)pyrene
Concen: 22.96 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BF096581.D
Acq: 8 Jul 2017 1:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 159116

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	16.2	11.0	16.4

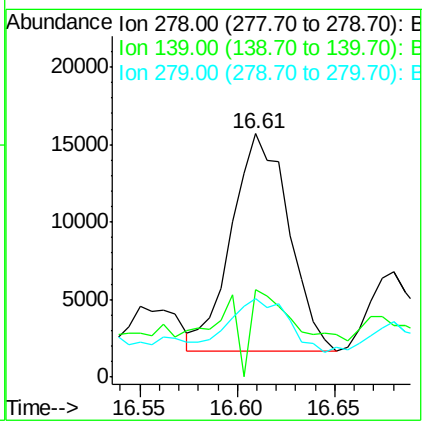


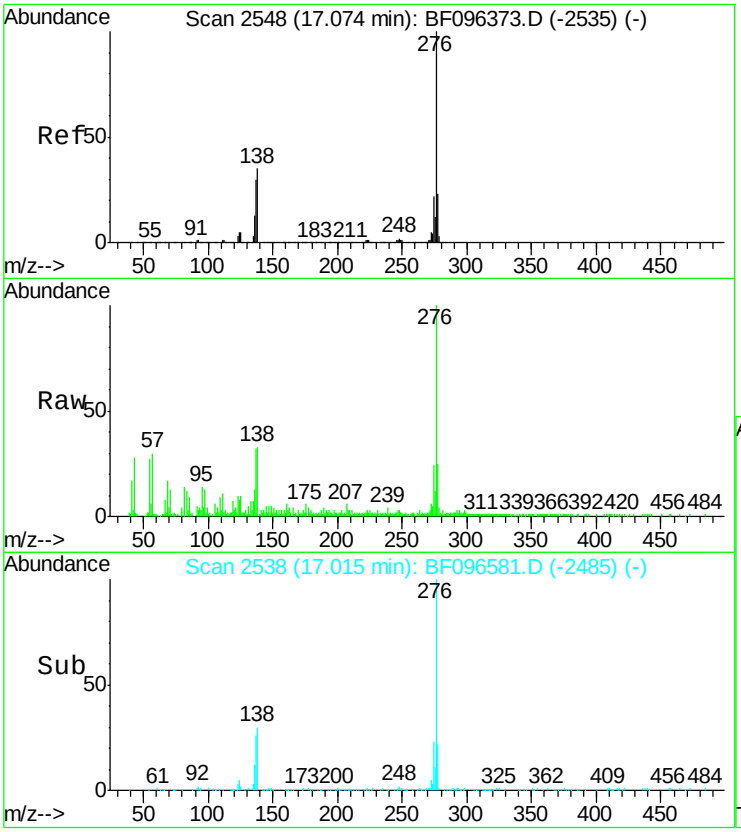


#90
Dibenzo(a,h)anthracene
Concen: 5.24 ng
RT: 16.61 min Scan# 2469
Delta R.T. -0.01 min
Lab File: BF096581.D
Acq: 8 Jul 2017 1:32

Tgt Ion:278 Resp: 28590

Ion	Ratio	Lower	Upper
278	100		
139	36.1	16.6	24.8#
279	32.0	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 24.23 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.01 min
Lab File: BF096581.D
Acq: 8 Jul 2017 1:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 136885

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.6	28.0
138	32.7	25.4	38.0