Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
Data File : BF096885.D
Acq On : 19 Jul 2017 22:20
Operator : SJ/JU
Sample : I4280-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 20 00:56:09 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	6.59	152	101621	20.00	ng		-0.01
21) Naphthalene-d8	7.87	136	433748	20.00	ng		-0.02
38) Acenaphthene-d10	9.62	164	172526	20.00	ng		-0.01
63) Phenanthrene-d10	11.10	188	265990	20.00	ng		0.00
75) Chrysene-d12	13.73	240	196538	20.00	ng		0.00
86) Perylene-d12	15.10	264	135490	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	635371	94.01	ng		0.00
7) Phenol-d6	6.24	99	772919	95.30	ng		-0.01
23) Nitrobenzene-d5	7.15	82	456141	65.14	ng		-0.02
41) 2,4,6-Tribromophenol	10.40	330	135647	92.11	ng		-0.02
44) 2-Fluorobiphenyl	8.95	172	807187	73.92	ng		-0.01
78) Terphenyl-d14	12.68	244	512392	45.21	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.25	94	33699	3.68	ng		98
19) n-Nitroso-di-n-propylamine	7.15	70	59694	12.22	ng	#	88
25) Isophorone	7.15	82	455588	34.97	ng	#	67
48) Acenaphthylene	9.48	152	102016	5.88	ng		98
49) Dimethylphthalate	9.35	163	113995	8.78	ng		98
51) Acenaphthene	9.65	154	27154	2.65	ng		96
57) Fluorene	10.16	166	64425	6.07	ng		96
66) 4-Bromophenyl-phenylether	10.40	248	9001	3.31	ng	#	1
70) Phenanthrene	11.12	178	430839	29.79	ng		98
71) Anthracene	11.17	178	152408	10.42	ng		99
72) Carbazole	11.33	167	32757	2.31	ng		94
74) Fluoranthene	12.31	202	611212	44.15	ng		98
77) Pyrene	12.53	202	714109	40.04	ng		100
80) Benzo(a)anthracene	13.72	228	314938	25.72	ng		94
82) Chrysene	13.72	228	314938	26.12	ng		96
85) Indeno(1,2,3-cd)pyrene	16.39	276	129398	14.32	ng		94
87) Benzo(b)fluoranthene	14.73	252	394160	48.24	ng	#	96
88) Benzo(k)fluoranthene	14.73	252	394160	50.94	ng		99
89) Benzo(a)pyrene	15.05	252	220837	29.47	ng		97
90) Dibenzo(a,h)anthracene	16.39	278	35437	5.14	ng	#	81
91) Benzo(g,h,i)perylene	16.77	276	129812	17.58	ng		97

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

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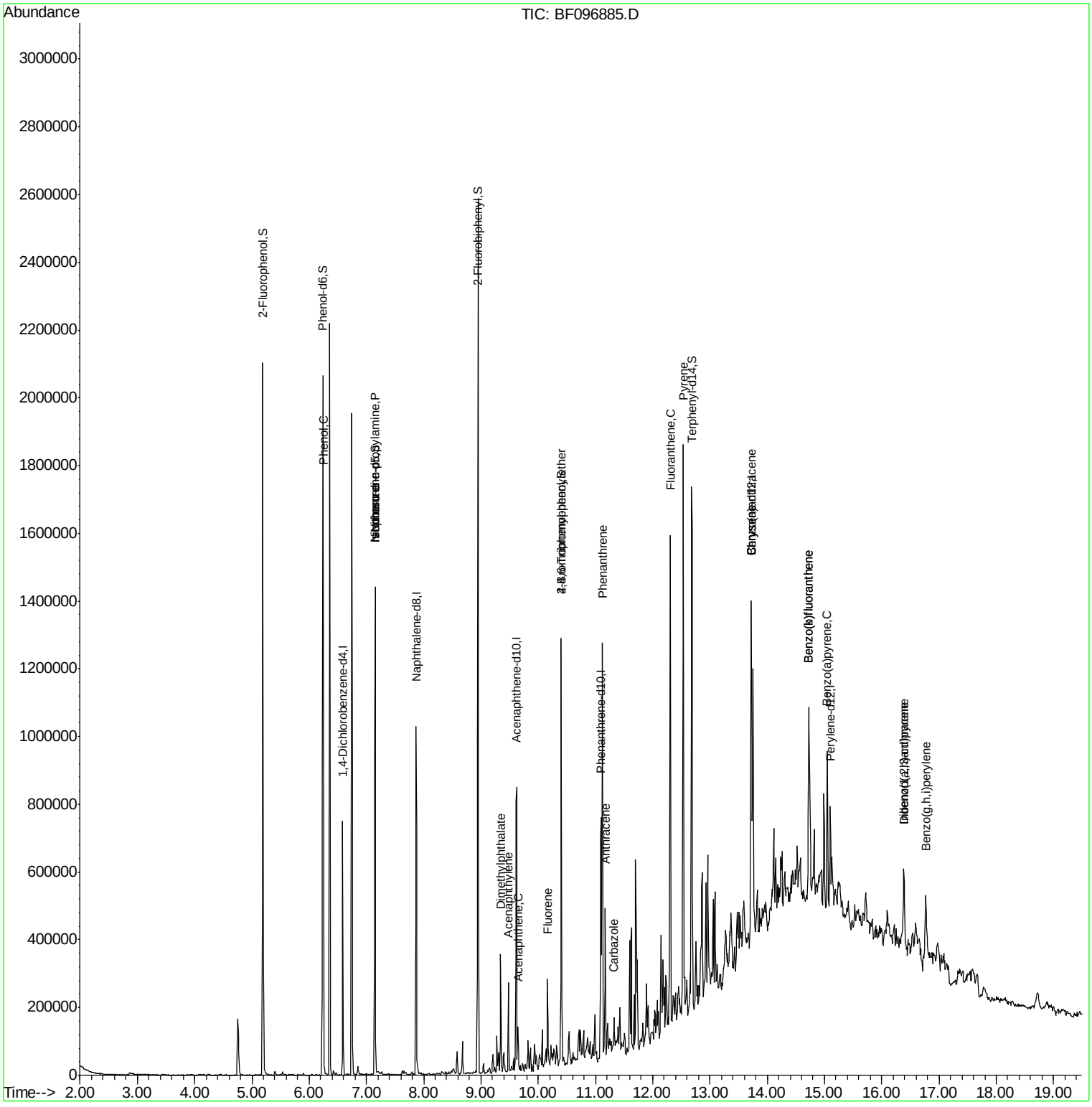
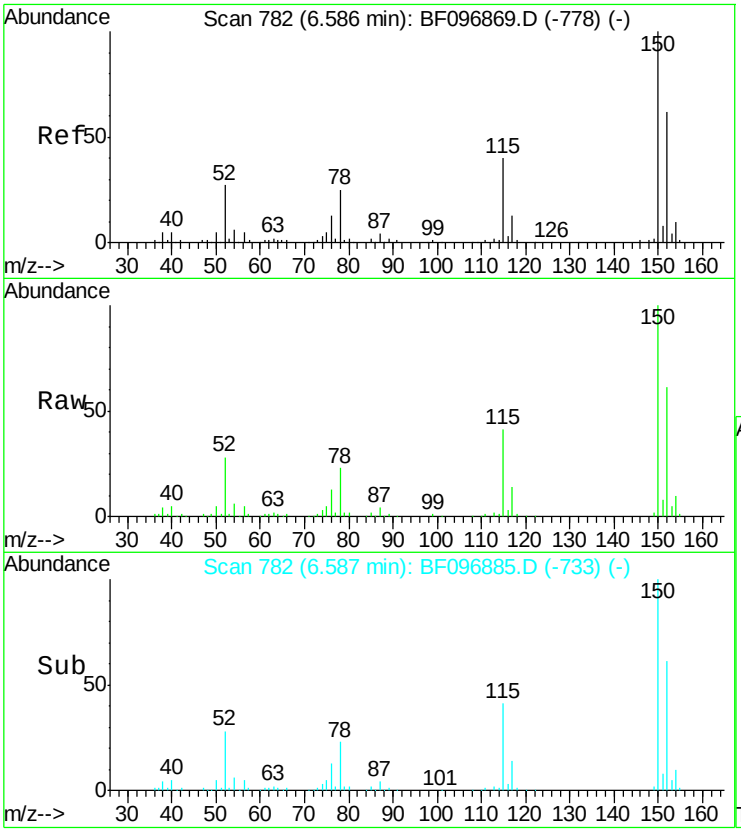


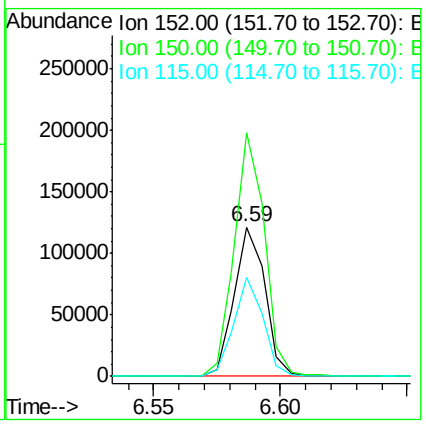


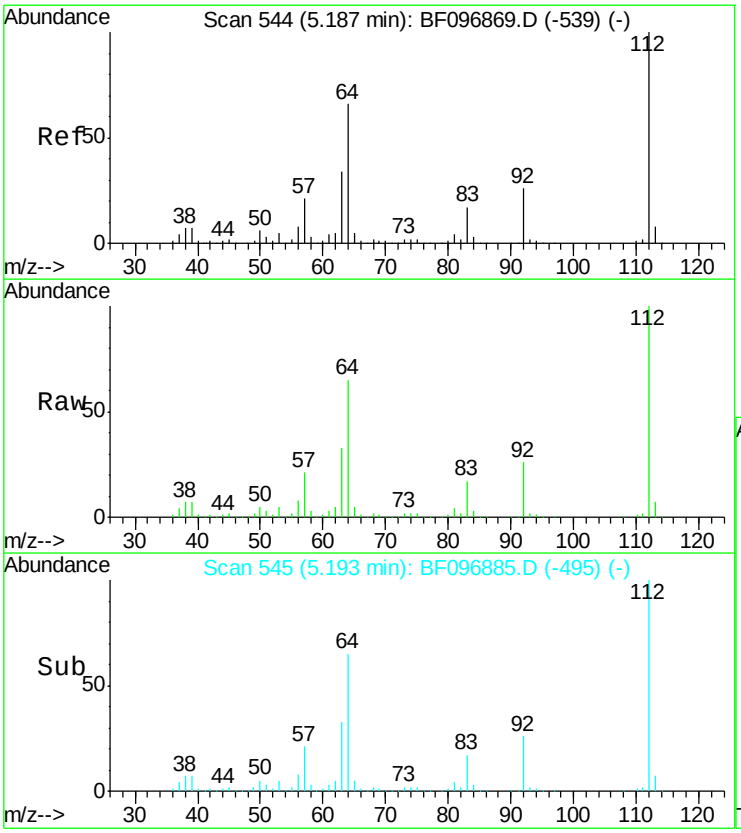
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096885.D
Acq: 19 Jul 2017 22:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 101621

Ion	Ratio	Lower	Upper
152	100		
150	163.5	126.2	189.2
115	66.2	52.2	78.2

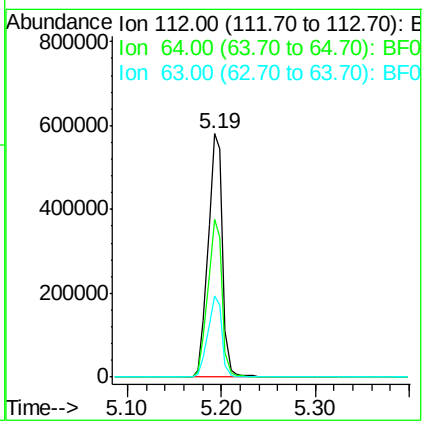


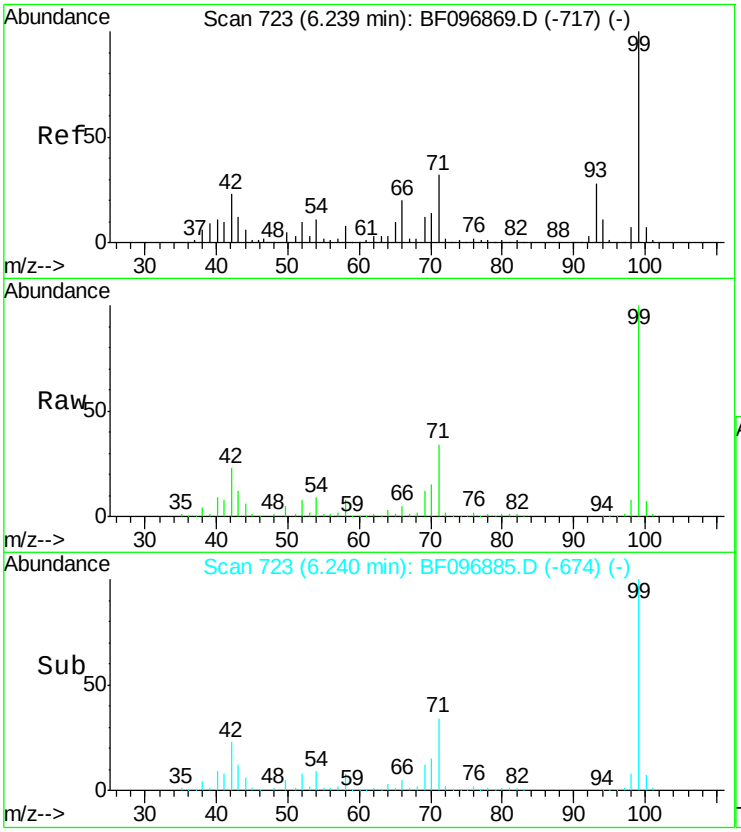


#5
2-Fluorophenol
Concen: 94.01 ng
RT: 5.19 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF096885.D
Acq: 19 Jul 2017 22:20

Tgt Ion:112 Resp: 635371

Ion	Ratio	Lower	Upper
112	100		
64	65.0	46.0	69.0
63	33.3	23.4	35.0



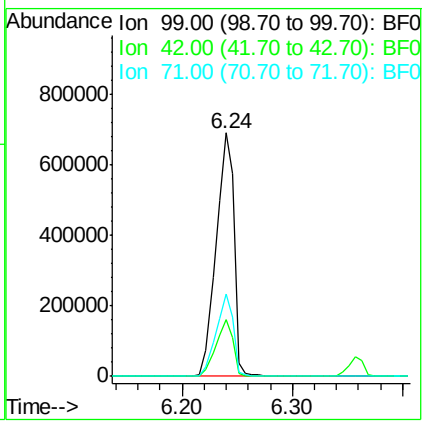


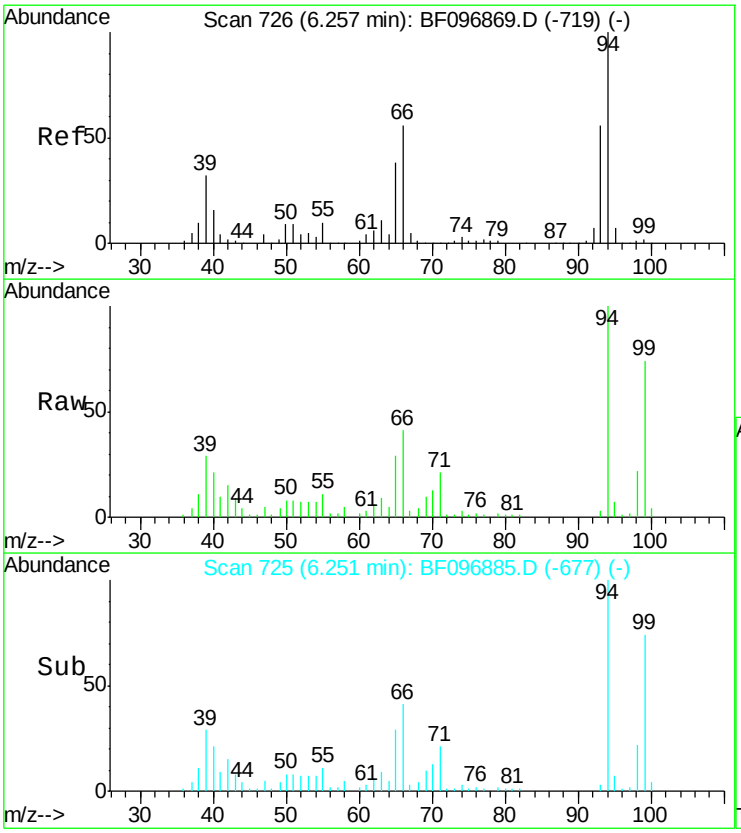
#7
Phenol-d6
Concen: 95.30 ng
RT: 6.24 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF096885.D
Acq: 19 Jul 2017 22:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 772919

Ion	Ratio	Lower	Upper
99	100		
42	23.4	13.5	20.3#
71	33.6	24.5	36.7

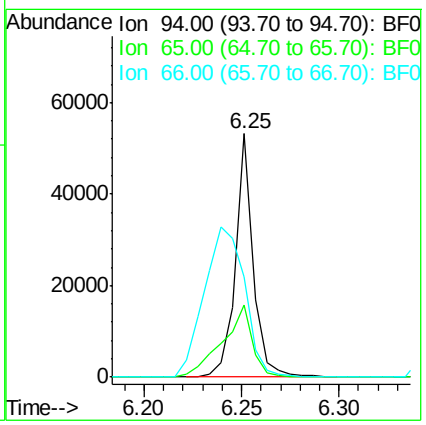


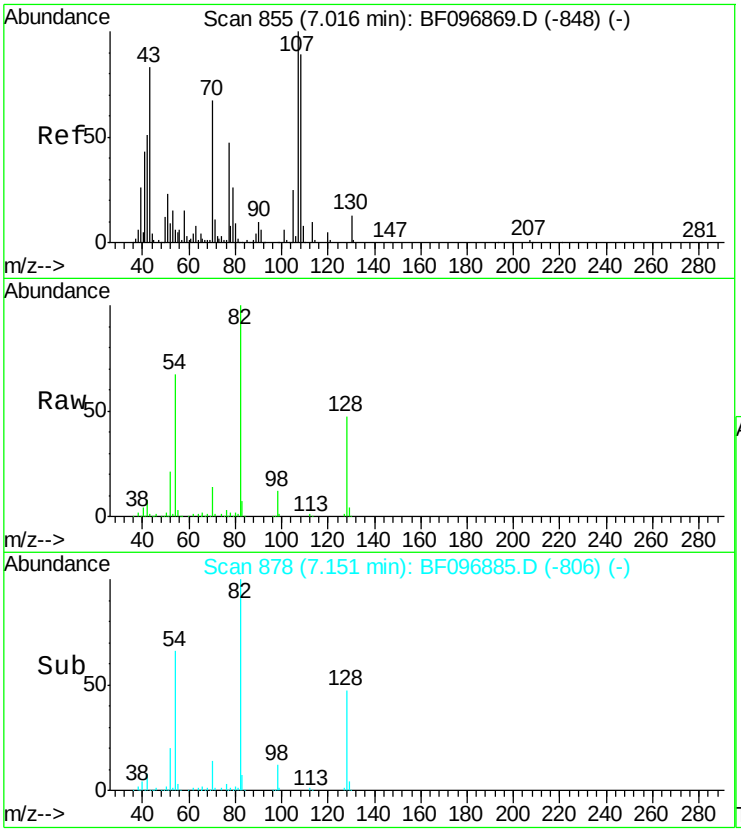


#10
Phenol
Concen: 3.68 ng
RT: 6.25 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF096885.D
Acq: 19 Jul 2017 22:20

Tgt Ion: 94 Resp: 33699

Ion	Ratio	Lower	Upper
94	100		
65	29.4	9.9	49.9
66	40.9	23.1	63.1



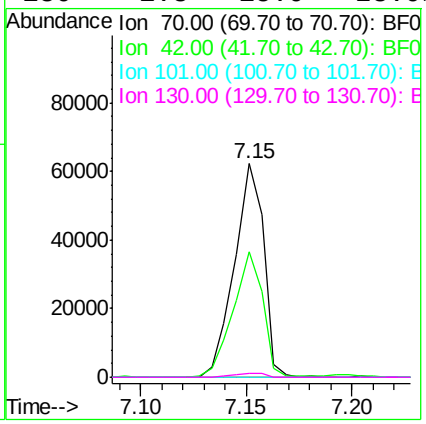


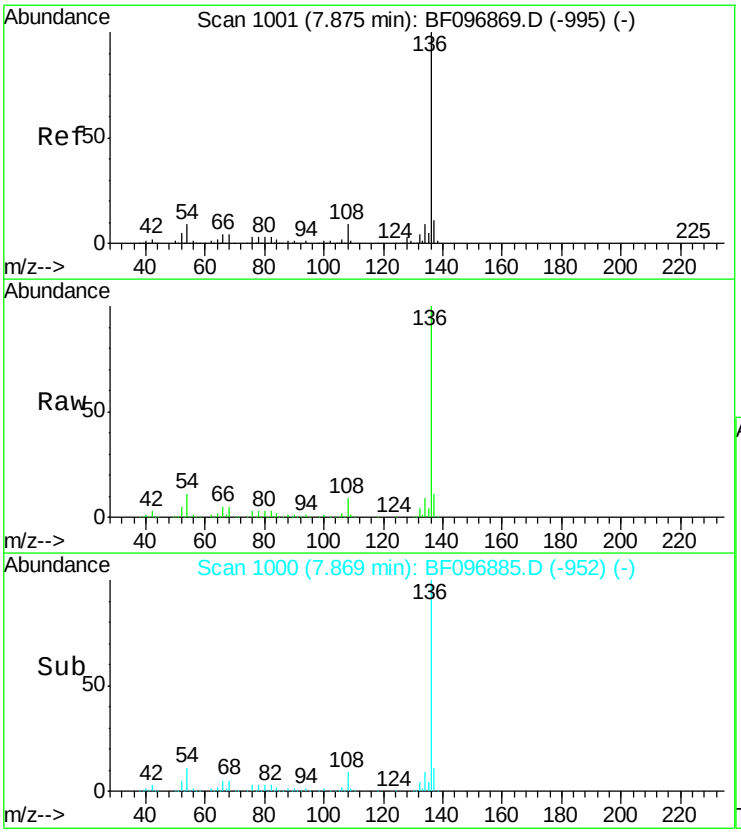
#19
n-Nitroso-di-n-propylamine
Concen: 12.22 ng
RT: 7.15 min Scan# 878
Delta R.T. 0.12 min
Lab File: BF096885.D
Acq: 19 Jul 2017 22:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 59694

Ion	Ratio	Lower	Upper
70	100		
42	58.7	47.2	70.8
101	0.0	7.2	10.8#
130	1.8	15.9	23.9#

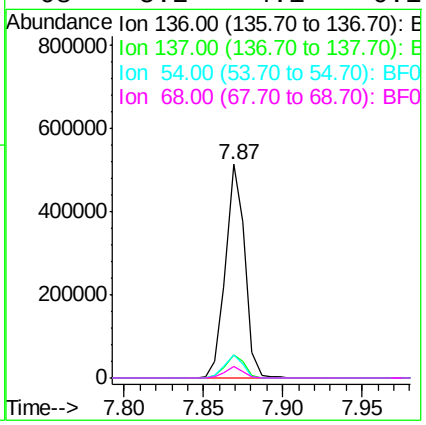


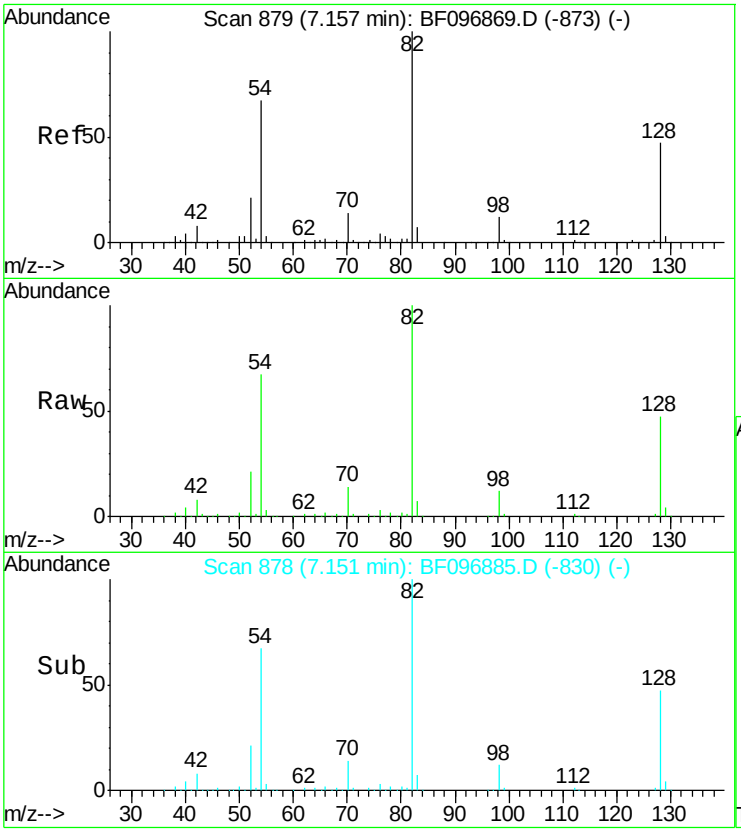


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF096885.D
Acq: 19 Jul 2017 22:20

Tgt Ion:136 Resp: 433748

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.8	4.9	7.3#
68	5.2	4.1	6.1



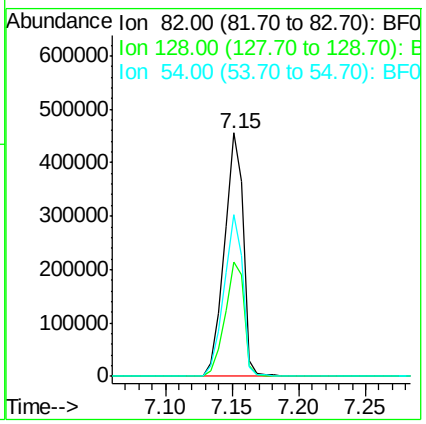


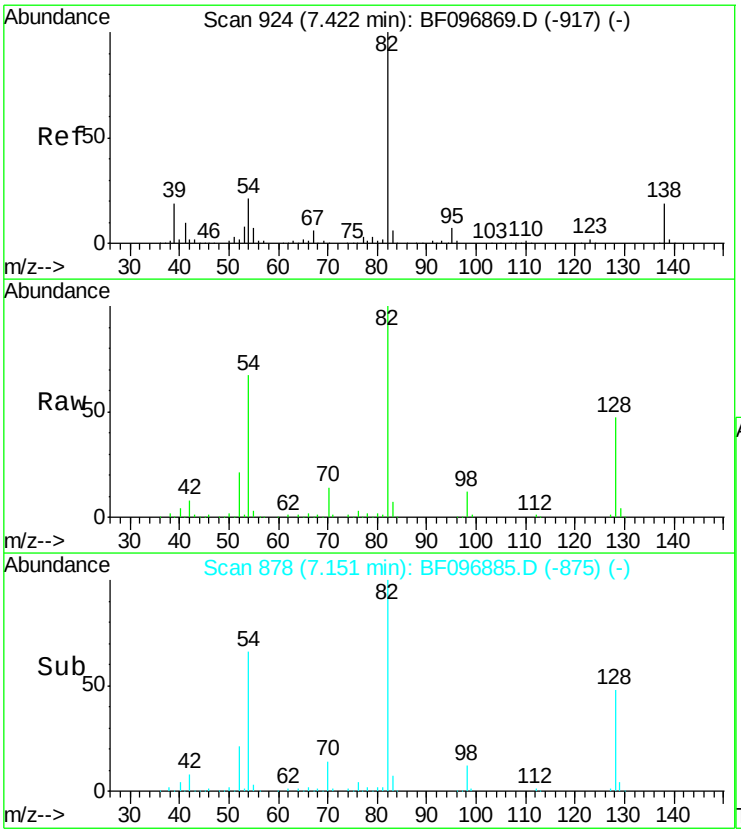
#23
Nitrobenzene-d5
Concen: 65.14 ng
RT: 7.15 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF096885.D
Acq: 19 Jul 2017 22:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 456141

Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.0	51.0
54	66.6	42.2	63.2#

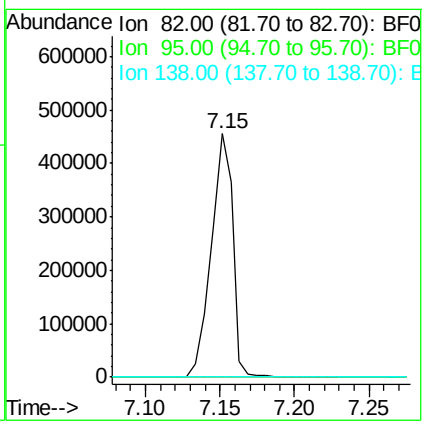


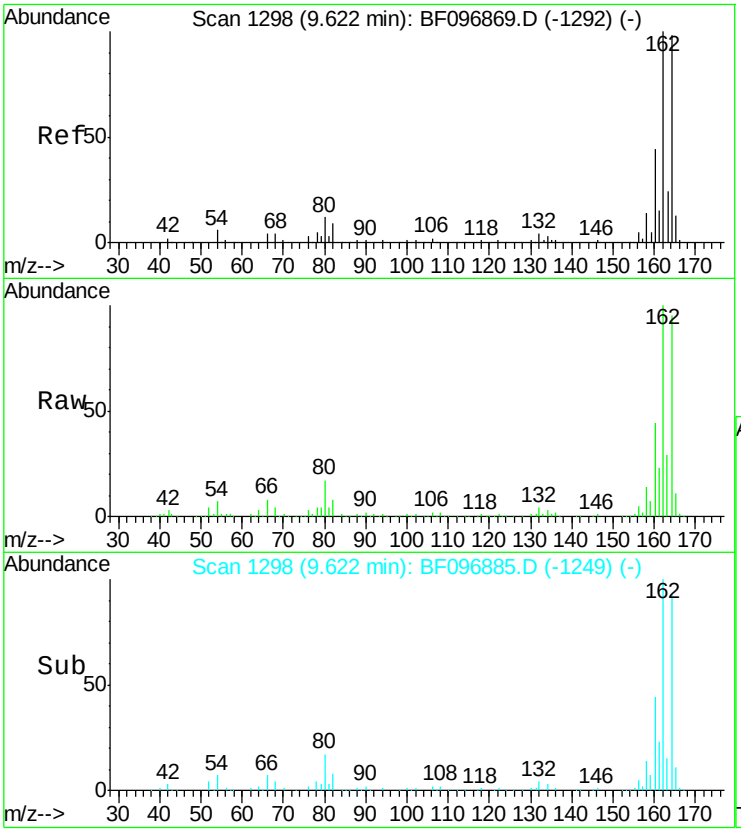


#25
Isophorone
Concen: 34.97 ng
RT: 7.15 min Scan# 878
Delta R.T. -0.28 min
Lab File: BF096885.D
Acq: 19 Jul 2017 22:20

Tgt Ion: 82 Resp: 455588

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



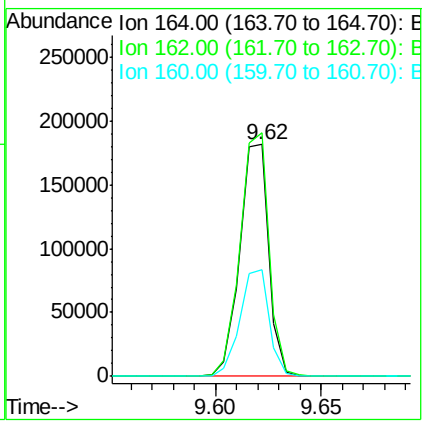


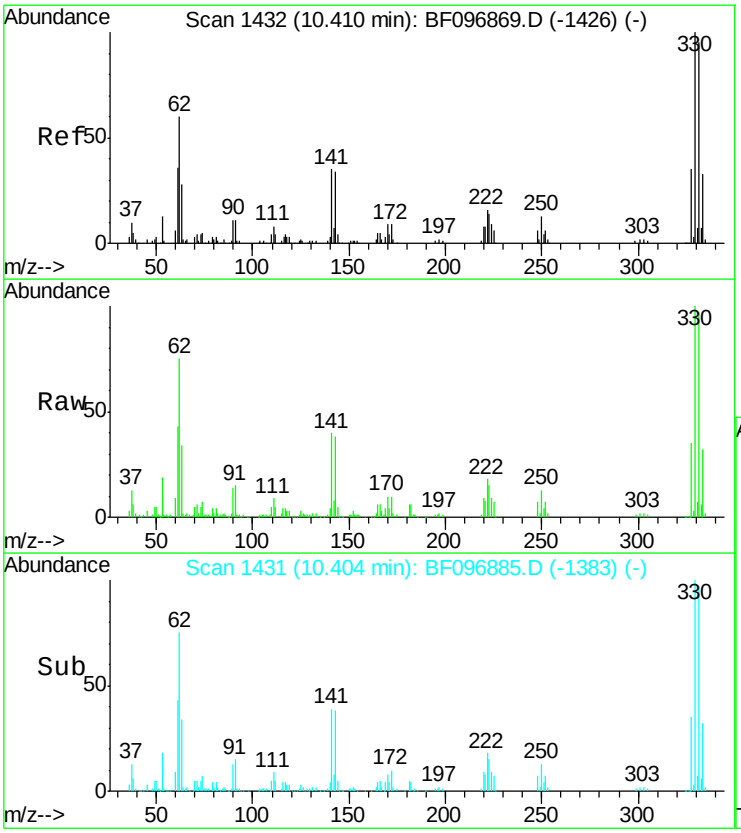
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF096885.D
Acq: 19 Jul 2017 22:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 172526

Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.6	123.8
160	46.3	36.2	54.2

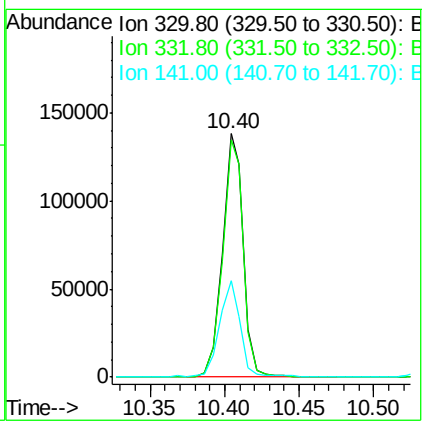


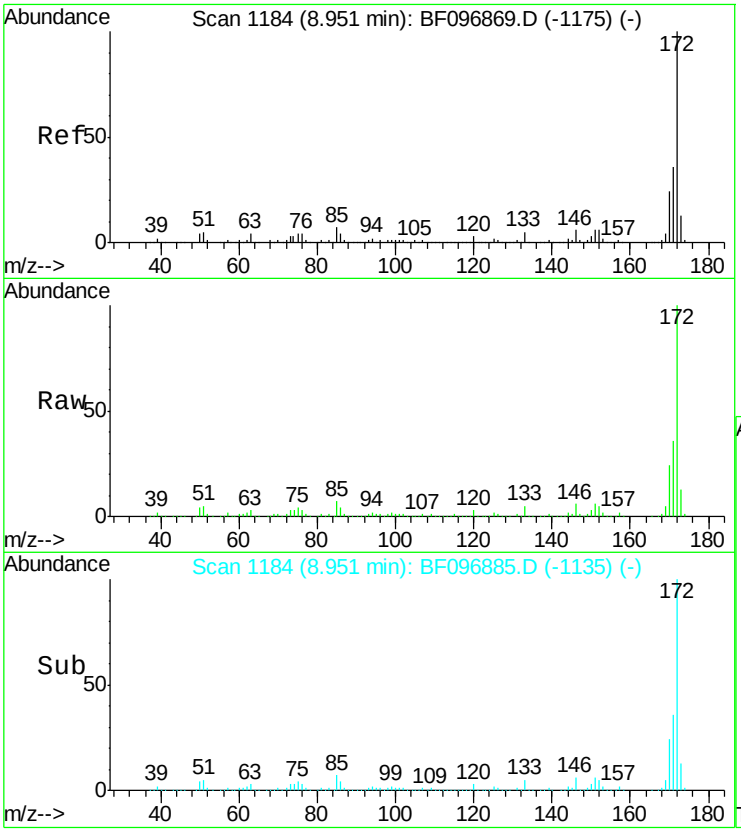


#41
2,4,6-Tribromophenol
Concen: 92.11 ng
RT: 10.40 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF096885.D
Acq: 19 Jul 2017 22:20

Tgt Ion:330 Resp: 135647

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	40.5	31.4	47.2



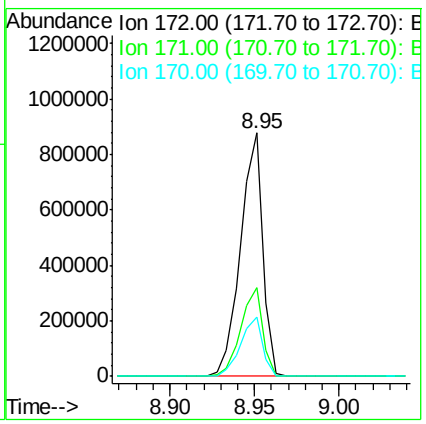


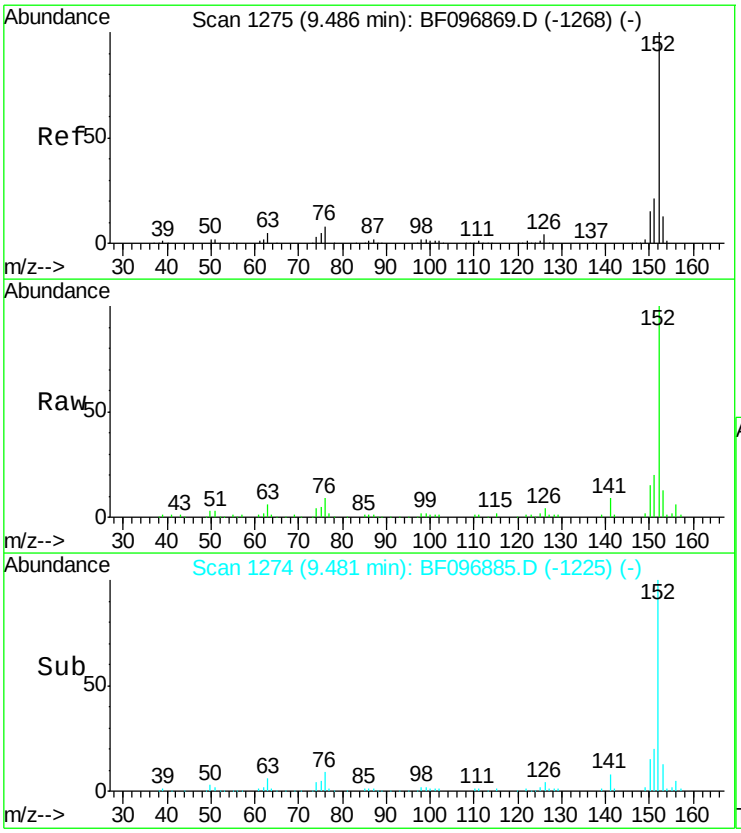
#44
2-Fluorobiphenyl
Concen: 73.92 ng
RT: 8.95 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF096885.D
Acq: 19 Jul 2017 22:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 807187

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.4	19.8	29.8

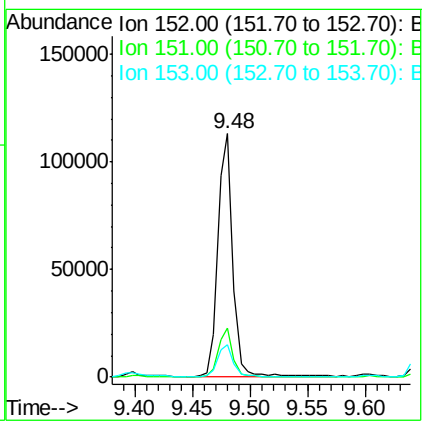


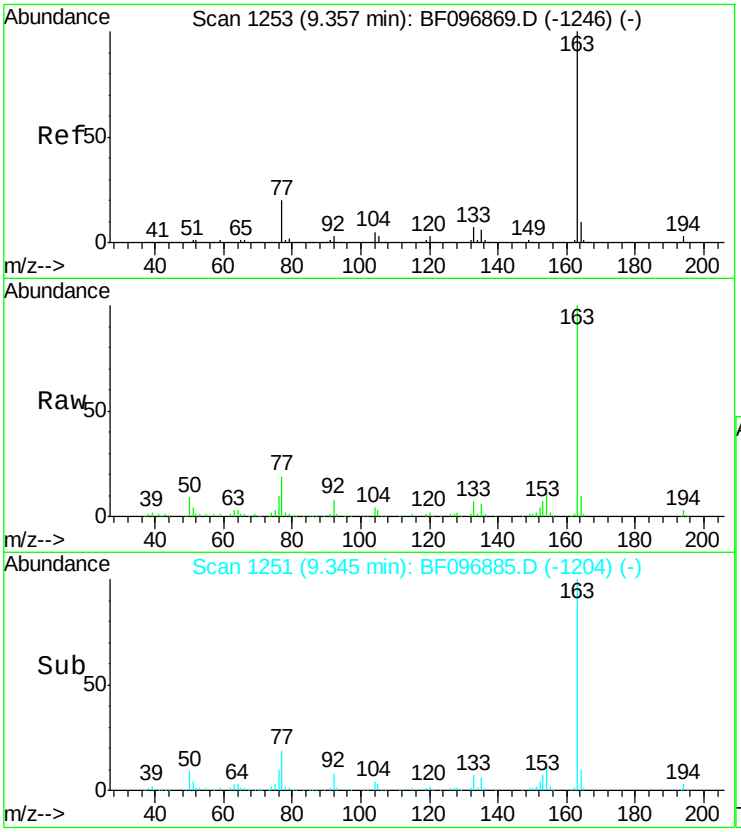


#48
Acenaphthylene
Concen: 5.88 ng
RT: 9.48 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF096885.D
Acq: 19 Jul 2017 22:20

Tgt Ion:152 Resp: 102016

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	13.1	10.8	16.2



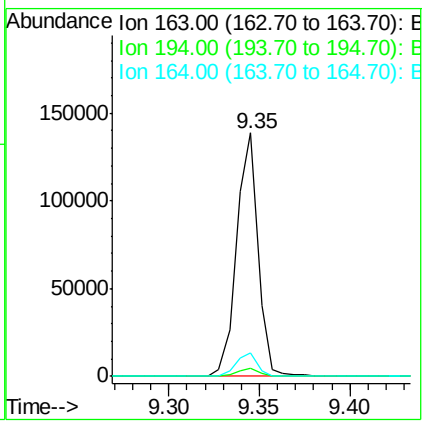


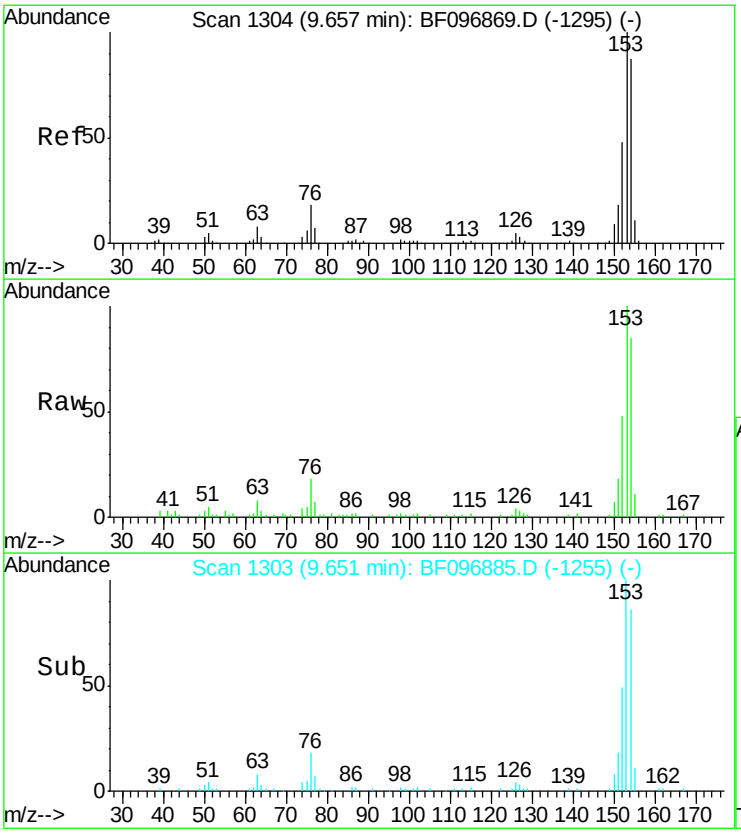
#49
Dimethylphthalate
Concen: 8.78 ng
RT: 9.35 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF096885.D
Acq: 19 Jul 2017 22:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 113995

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.6	8.4	12.6

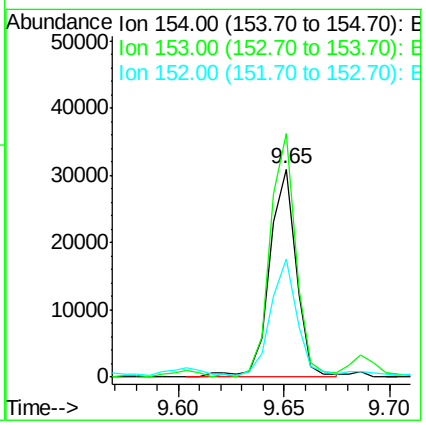


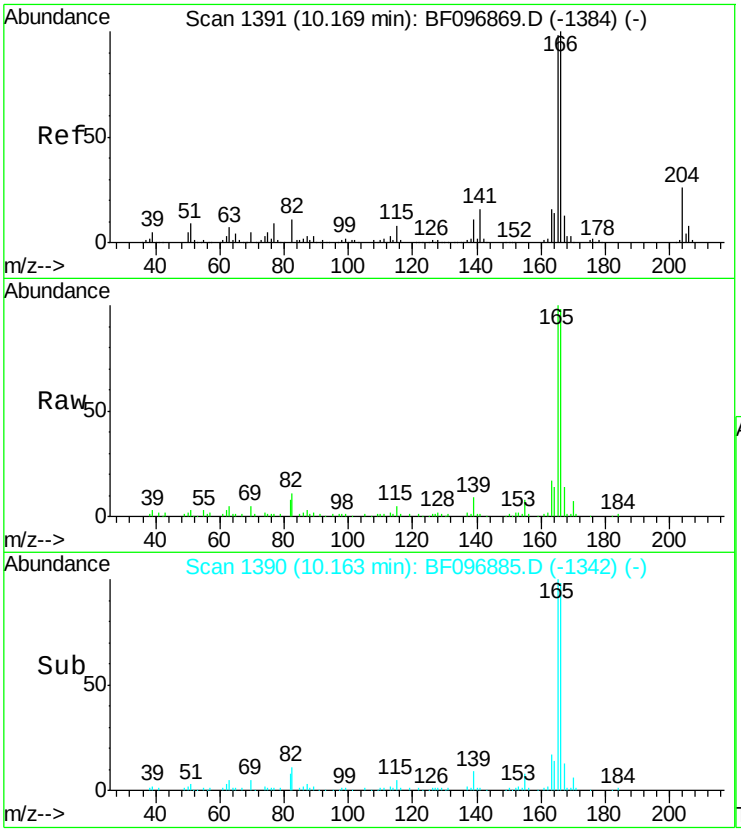


#51
Acenaphthene
Concen: 2.65 ng
RT: 9.65 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF096885.D
Acq: 19 Jul 2017 22:20

Tgt Ion:154 Resp: 27154

Ion	Ratio	Lower	Upper
154	100		
153	117.2	90.5	135.7
152	56.6	43.6	65.4



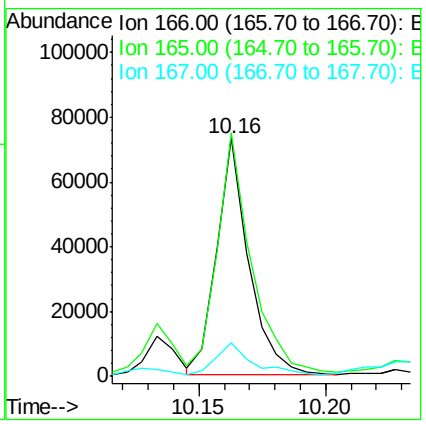


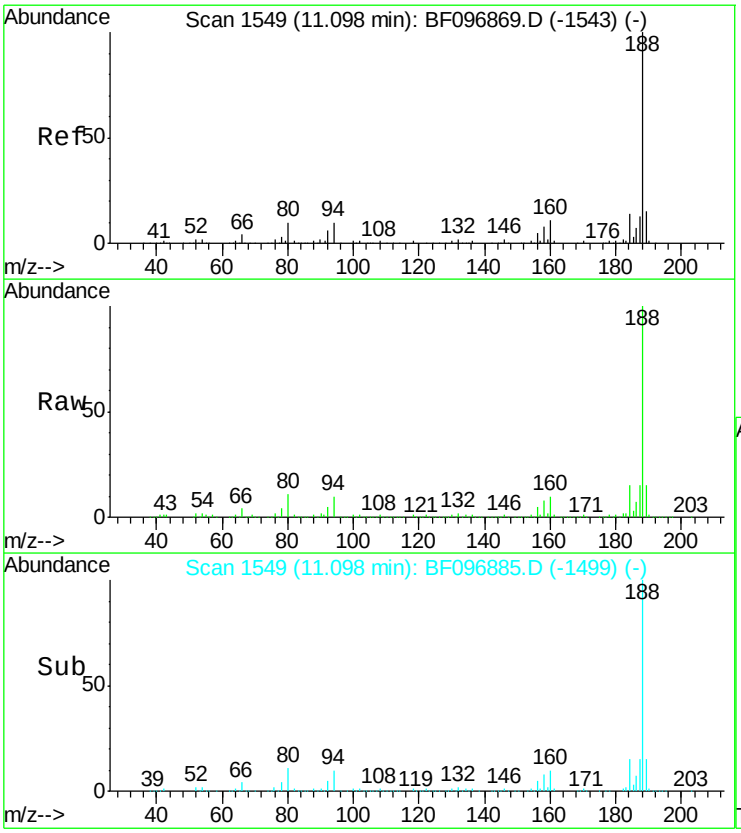
#57
Fluorene
Concen: 6.07 ng
RT: 10.16 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BF096885.D
Acq: 19 Jul 2017 22:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 64425

Ion	Ratio	Lower	Upper
166	100		
165	102.3	78.8	118.2
167	14.0	10.6	16.0

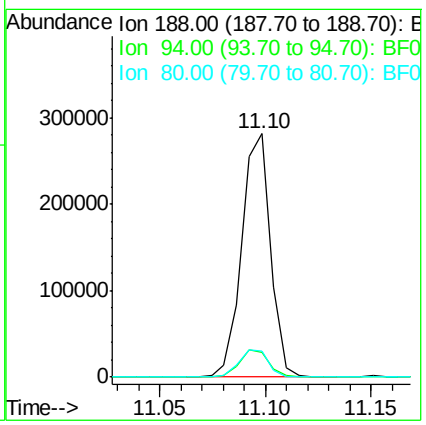


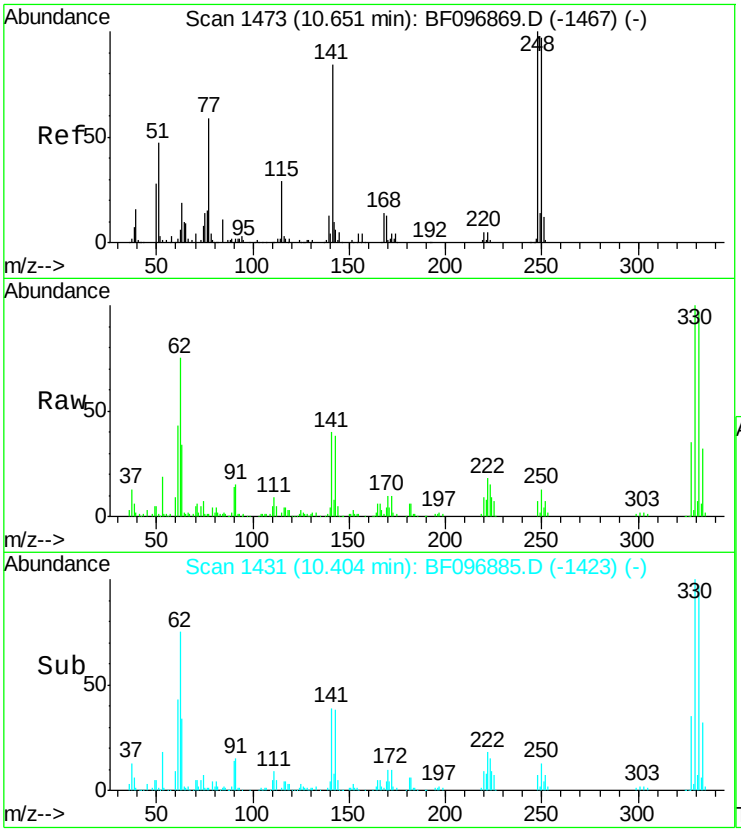


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF096885.D
Acq: 19 Jul 2017 22:20

Tgt Ion:188 Resp: 265990

Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.4	14.2
80	10.6	10.2	15.2



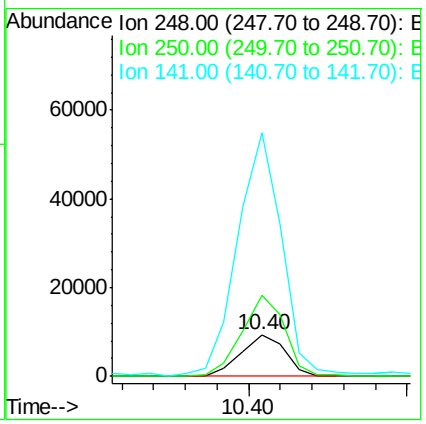


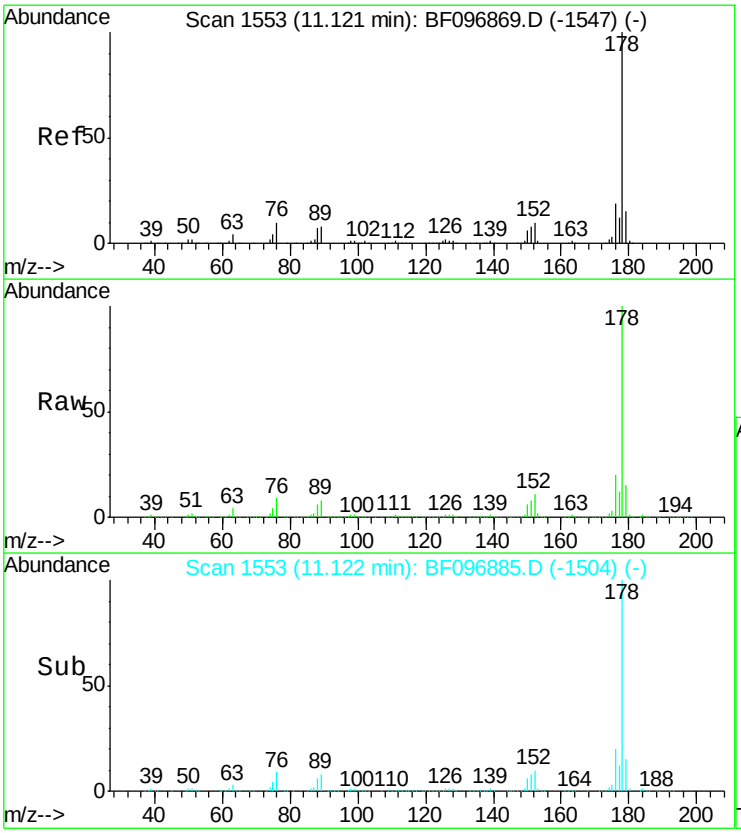
#66
4-Bromophenyl-phenylether
Concen: 3.31 ng
RT: 10.40 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF096885.D
Acq: 19 Jul 2017 22:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9001

Ion	Ratio	Lower	Upper
248	100		
250	193.6	76.8	115.2#
141	582.2	68.6	103.0#

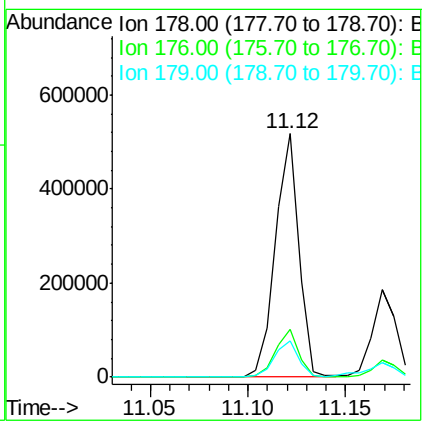


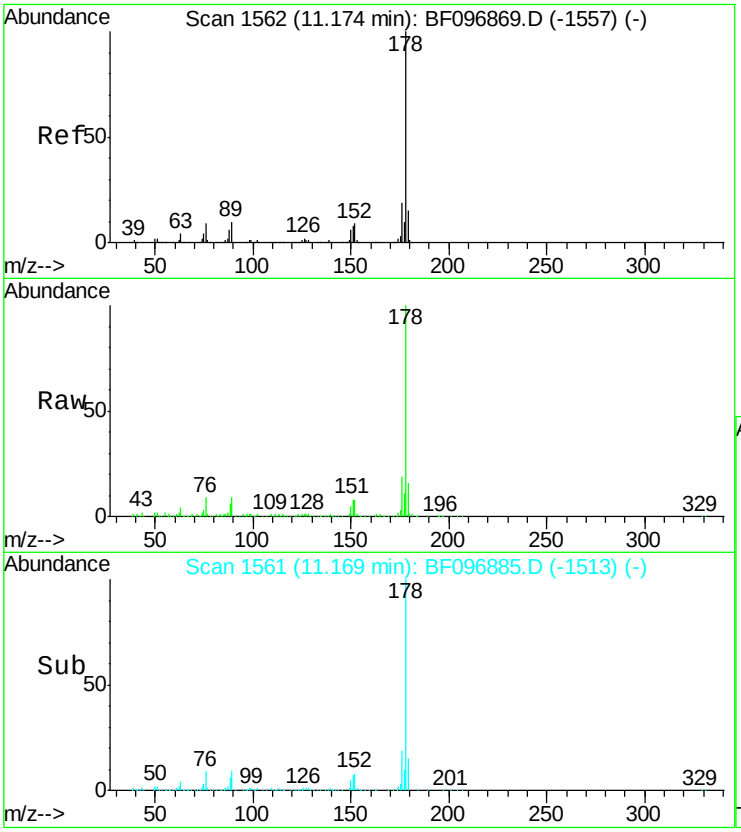


#70
Phenanthrene
Concen: 29.79 ng
RT: 11.12 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF096885.D
Acq: 19 Jul 2017 22:20

Tgt Ion:178 Resp: 430839

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	15.1	12.6	19.0



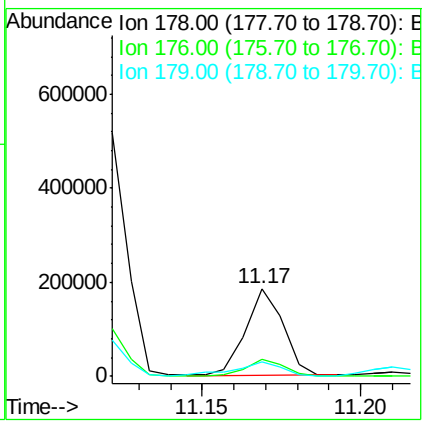


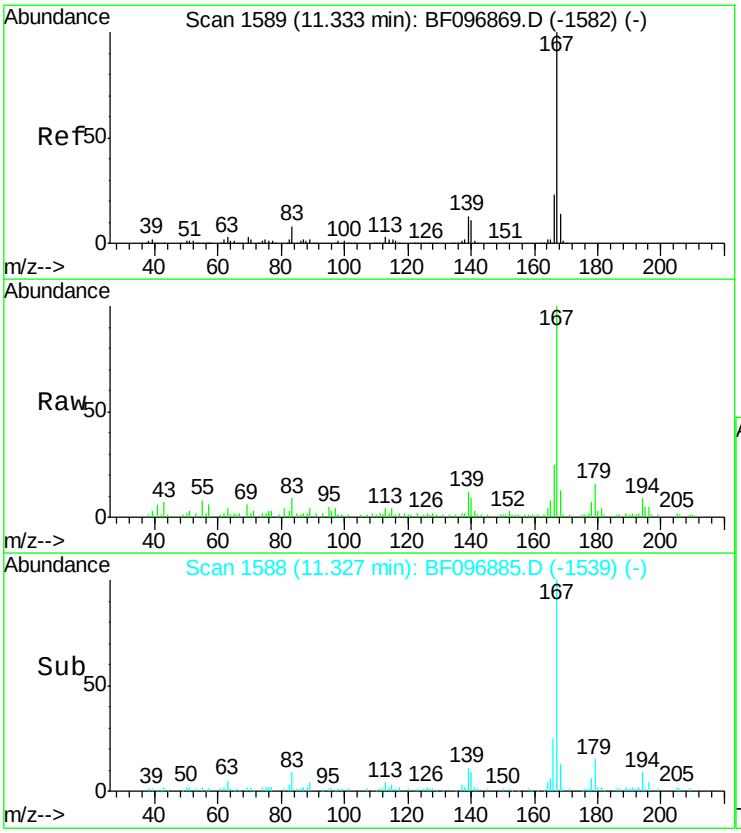
#71
Anthracene
Concen: 10.42 ng
RT: 11.17 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF096885.D
Acq: 19 Jul 2017 22:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 152408

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.9	12.7	19.1

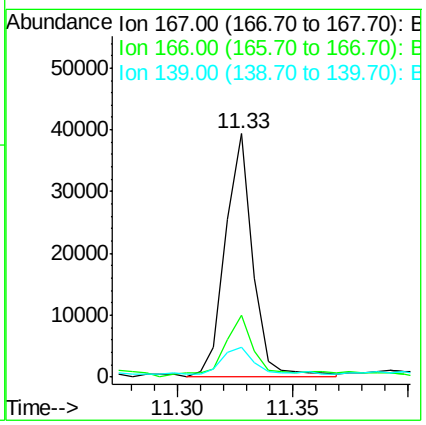


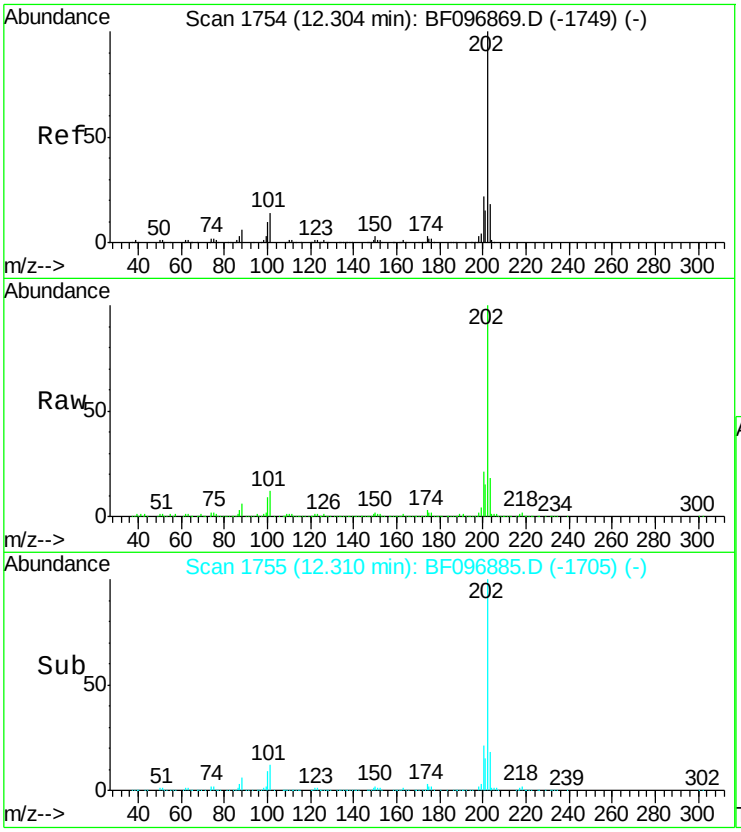


#72
Carbazole
Concen: 2.31 ng
RT: 11.33 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF096885.D
Acq: 19 Jul 2017 22:20

Tgt Ion:167 Resp: 32757

Ion	Ratio	Lower	Upper
167	100		
166	25.3	18.1	27.1
139	12.1	11.7	17.5



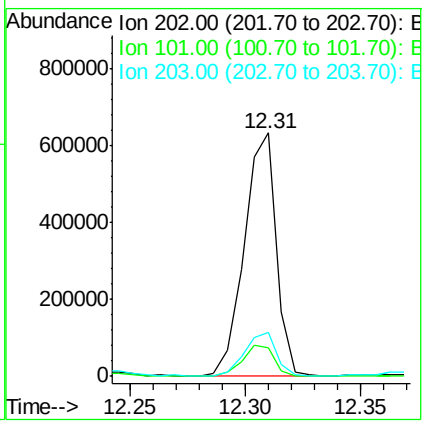


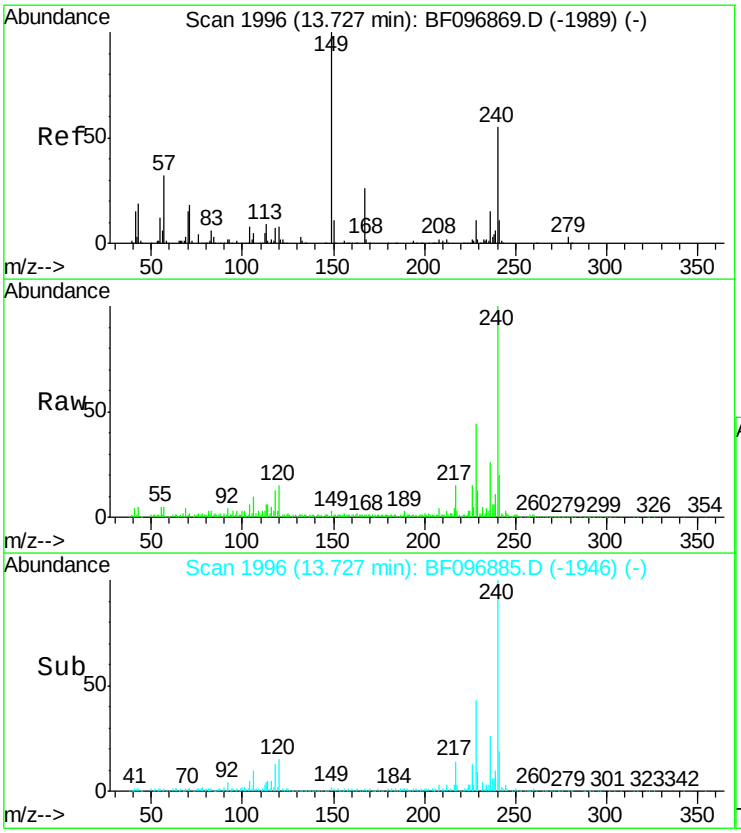
#74
Fluoranthene
Concen: 44.15 ng
RT: 12.31 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF096885.D
Acq: 19 Jul 2017 22:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 611212

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	33.2
203	17.8	0.0	38.1

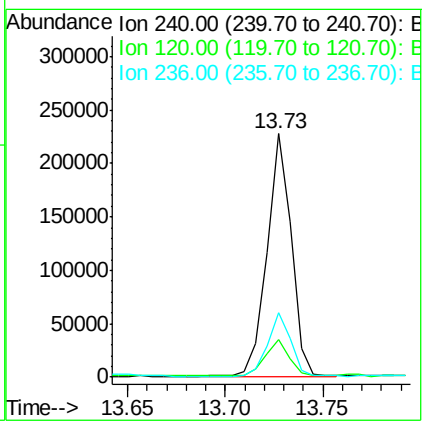


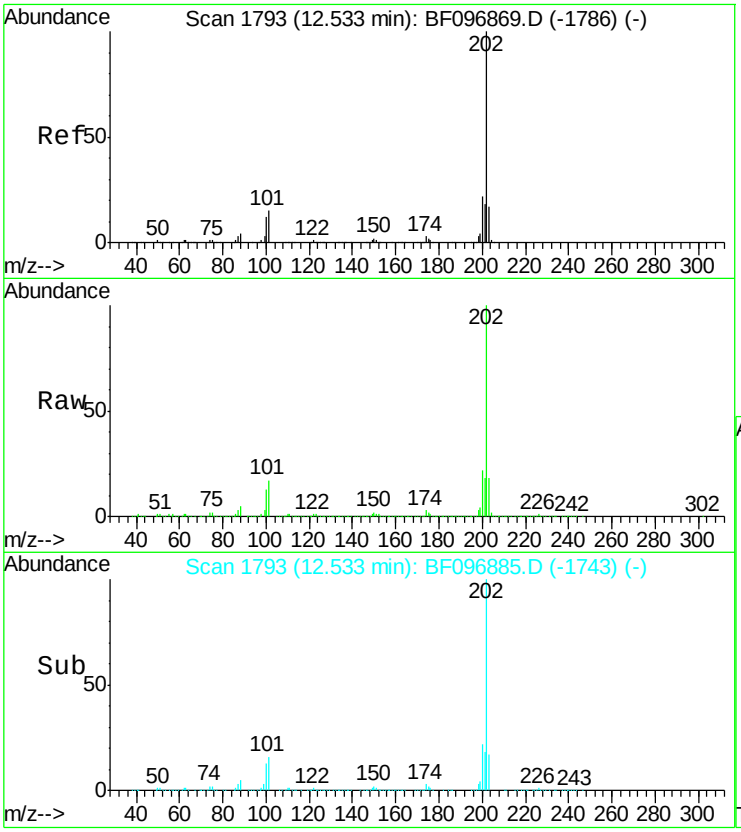


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF096885.D
Acq: 19 Jul 2017 22:20

Tgt Ion:240 Resp: 196538

Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	26.3	20.5	30.7



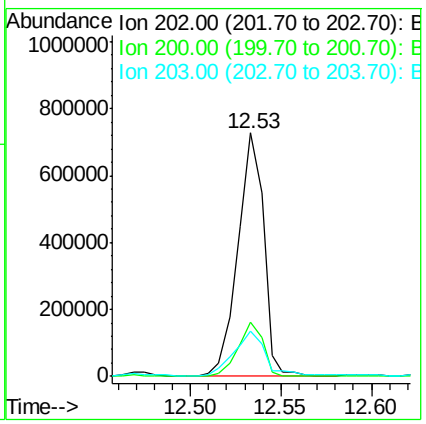


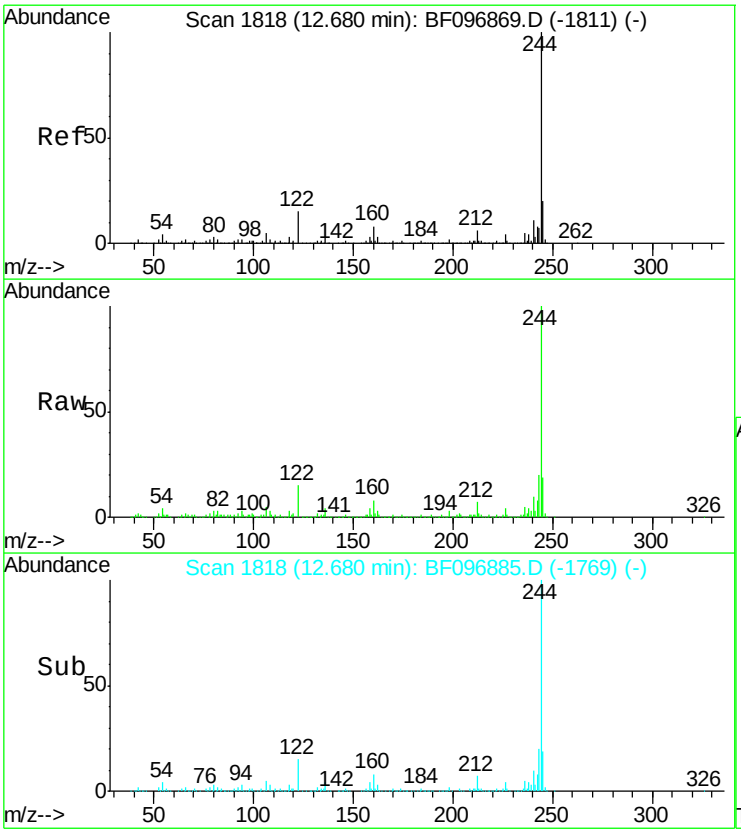
#77
Pyrene
Concen: 40.04 ng
RT: 12.53 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF096885.D
Acq: 19 Jul 2017 22:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 714109

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	18.3	14.4	21.6

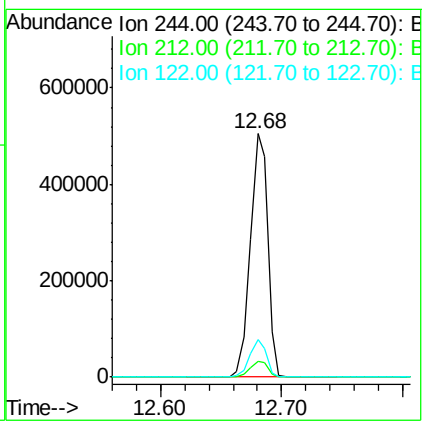


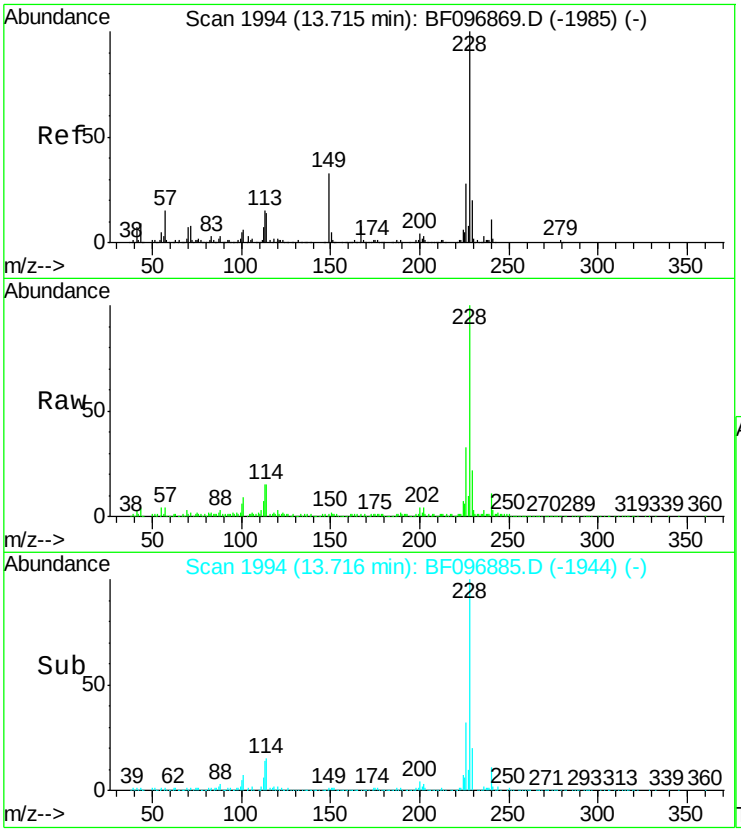


#78
Terphenyl-d14
Concen: 45.21 ng
RT: 12.68 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF096885.D
Acq: 19 Jul 2017 22:20

Tgt Ion:244 Resp: 512392

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	15.5	10.3	15.5



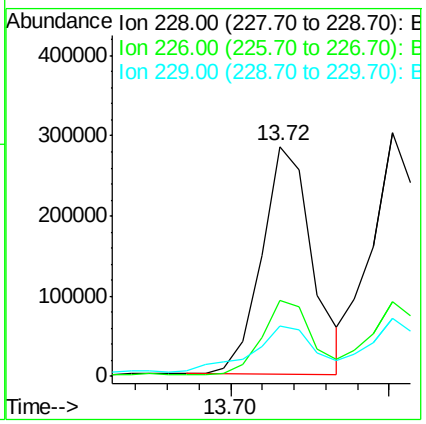


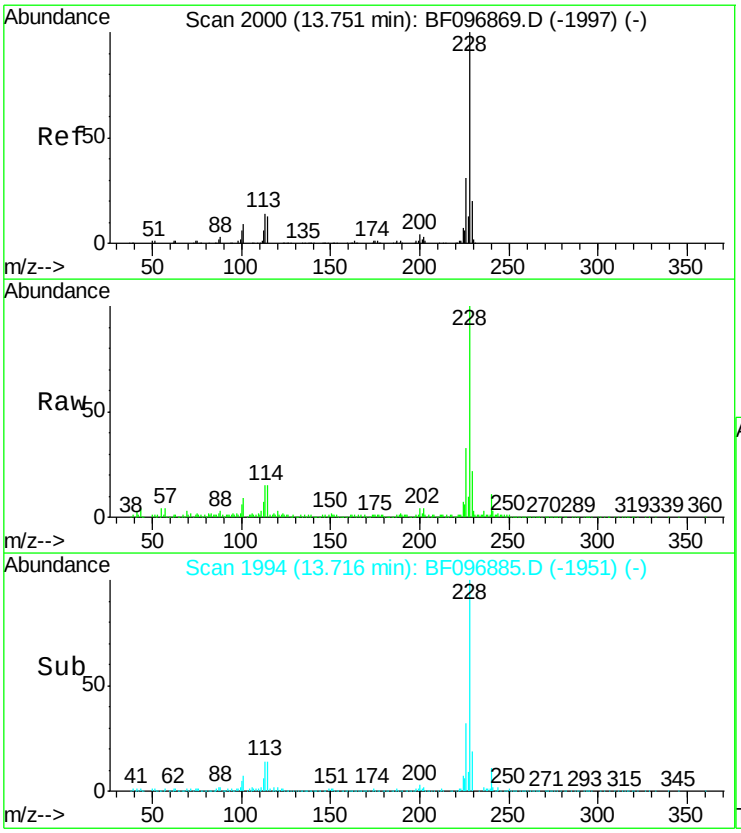
#80
Benzo(a)anthracene
Concen: 25.72 ng
RT: 13.72 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF096885.D
Acq: 19 Jul 2017 22:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 314938

Ion	Ratio	Lower	Upper
228	100		
226	33.0	22.6	33.8
229	21.7	16.3	24.5

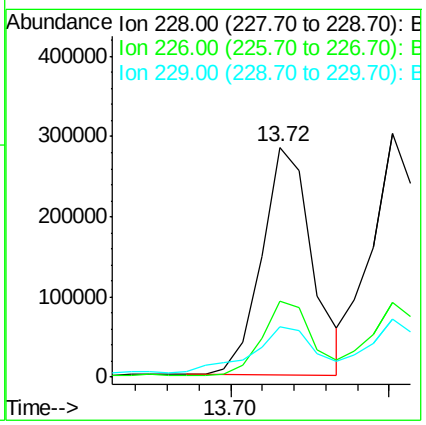


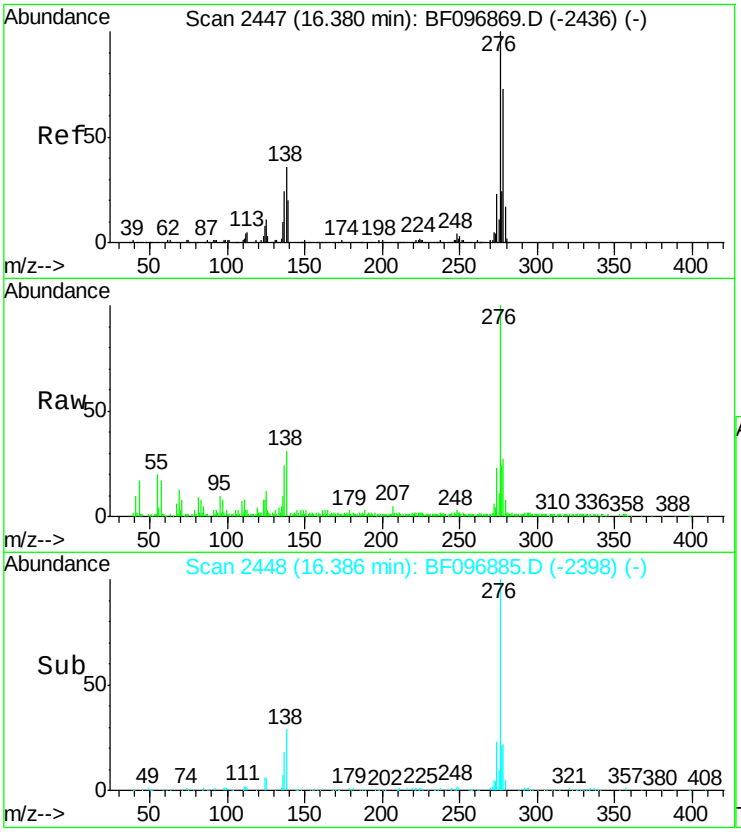


#82
Chrysene
Concen: 26.12 ng
RT: 13.72 min Scan# 1994
Delta R.T. -0.05 min
Lab File: BF096885.D
Acq: 19 Jul 2017 22:20

Tgt Ion:228 Resp: 314938

Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.9	37.3
229	21.7	15.8	23.6



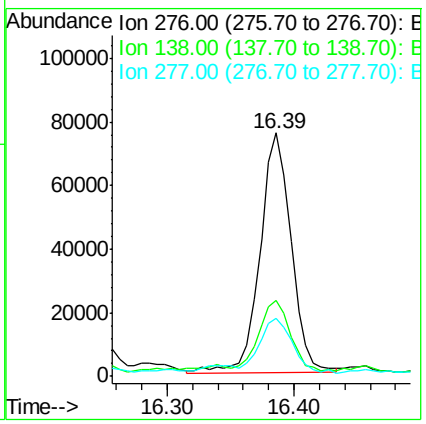


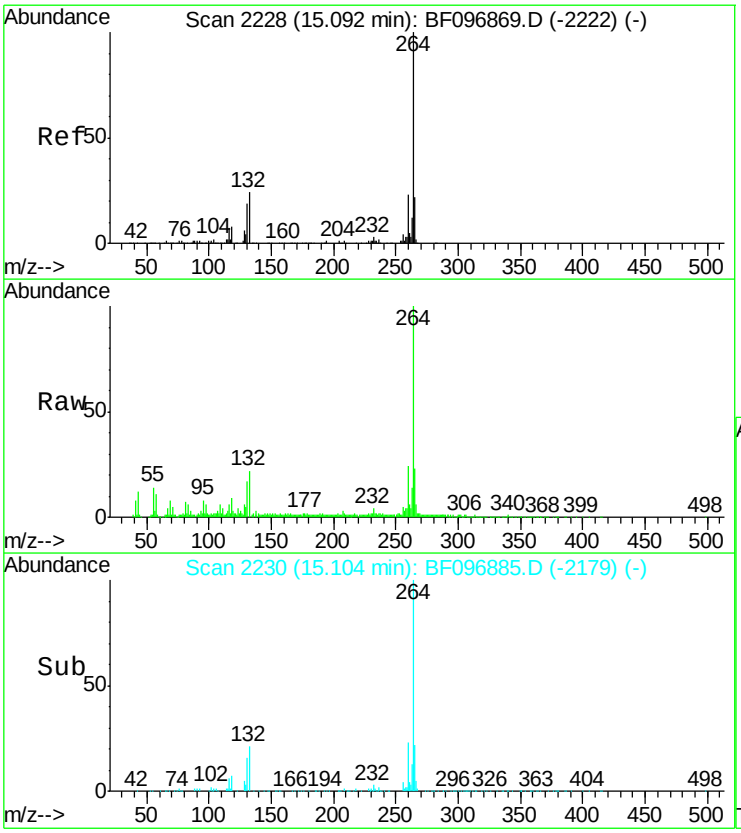
#85
Indeno(1,2,3-cd)pyrene
Concen: 14.32 ng
RT: 16.39 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BF096885.D
Acq: 19 Jul 2017 22:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 129398

Ion	Ratio	Lower	Upper
276	100		
138	30.0	27.8	41.6
277	23.5	20.2	30.4

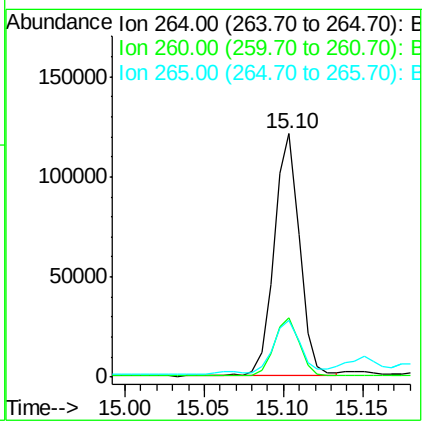


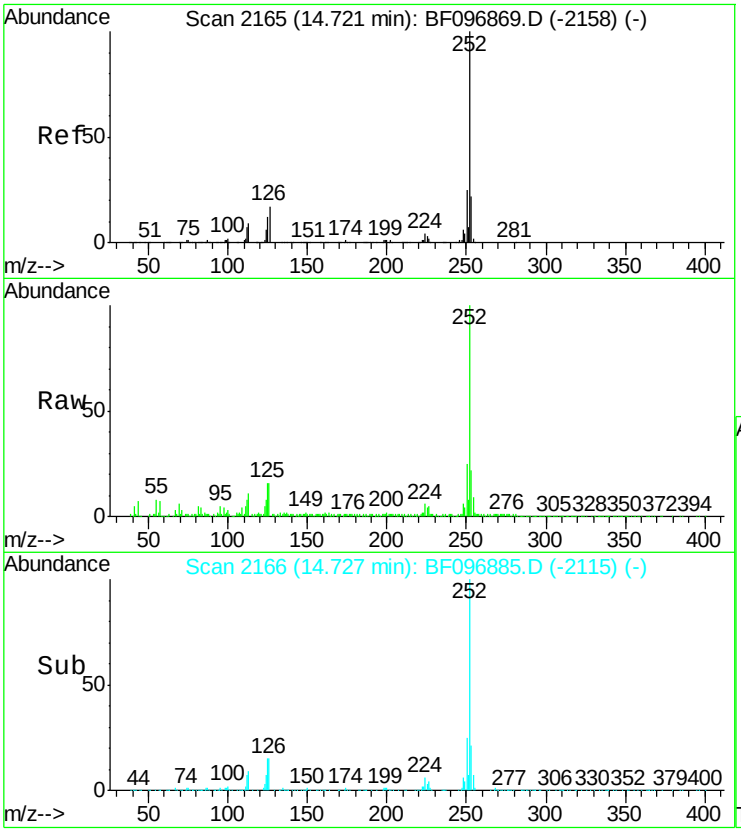


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF096885.D
Acq: 19 Jul 2017 22:20

Tgt Ion:264 Resp: 135490

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	23.3	17.2	25.8



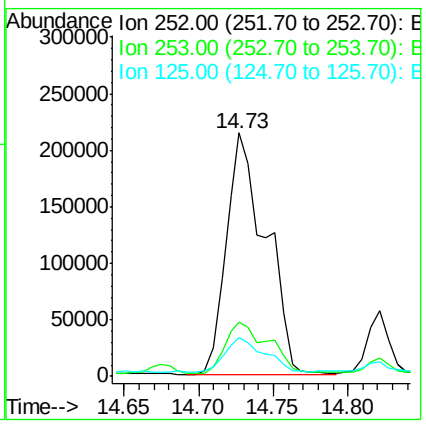


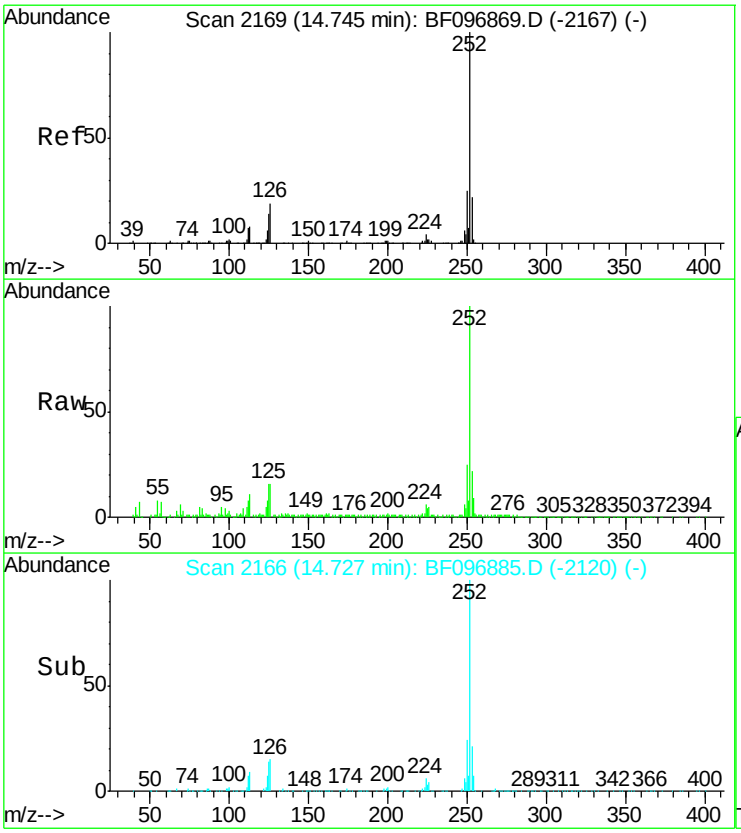
#87
Benzo(b)fluoranthene
Concen: 48.24 ng
RT: 14.73 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BF096885.D
Acq: 19 Jul 2017 22:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 394160

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	16.2	9.8	14.8#

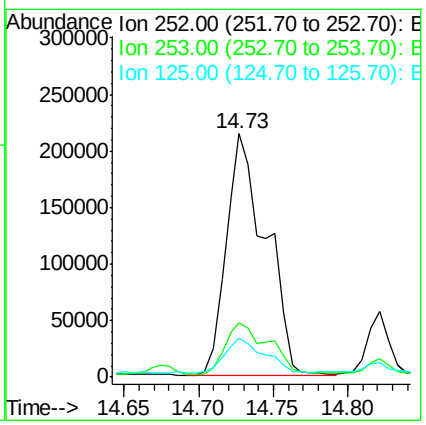


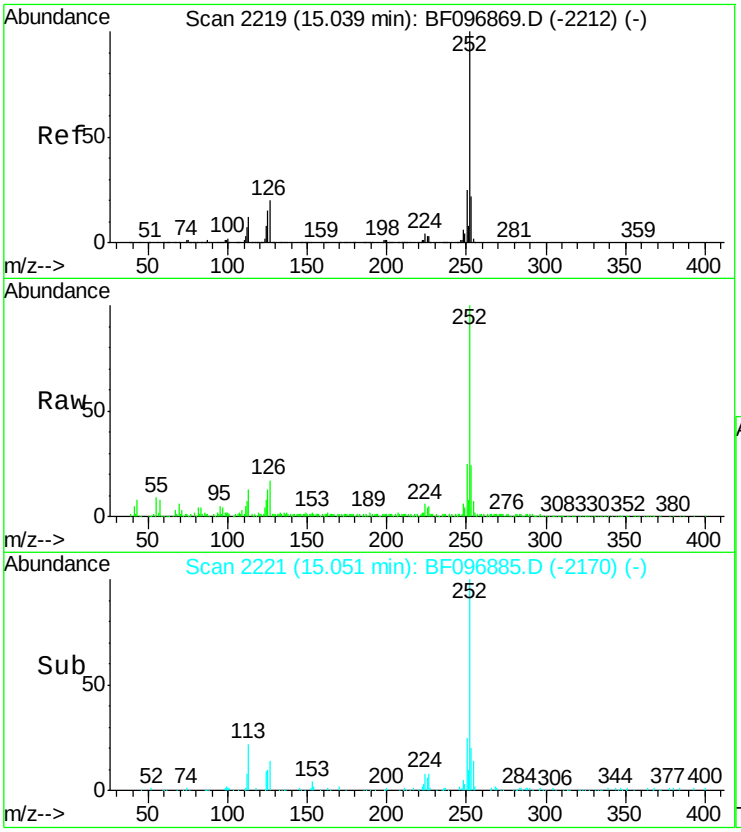


#88
Benzo(k)fluoranthene
Concen: 50.94 ng
RT: 14.73 min Scan# 2166
Delta R.T. -0.03 min
Lab File: BF096885.D
Acq: 19 Jul 2017 22:20

Tgt Ion:252 Resp: 394160

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	16.2	13.1	19.7



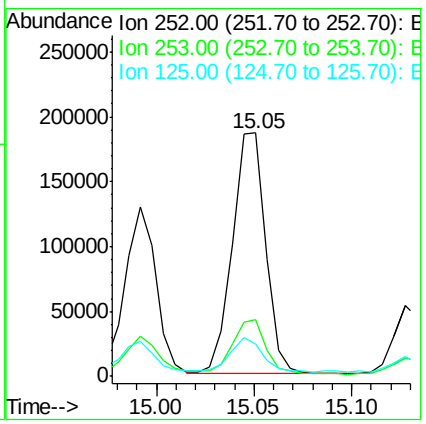


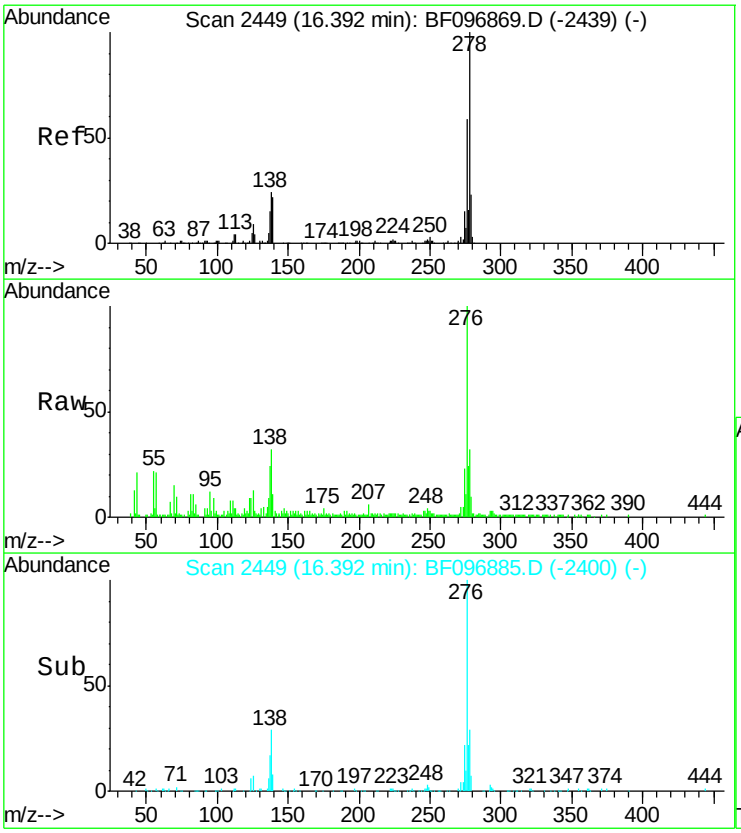
#89
Benzo(a)pyrene
Concen: 29.47 ng
RT: 15.05 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF096885.D
Acq: 19 Jul 2017 22:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 220837

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	13.2	11.0	16.4

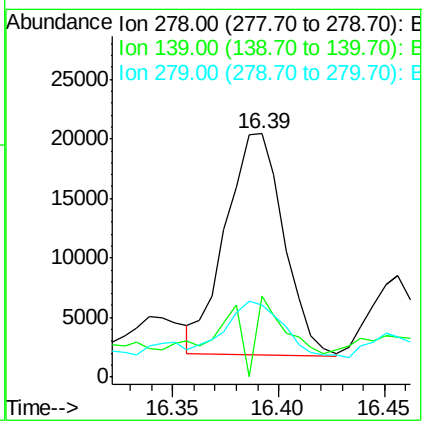


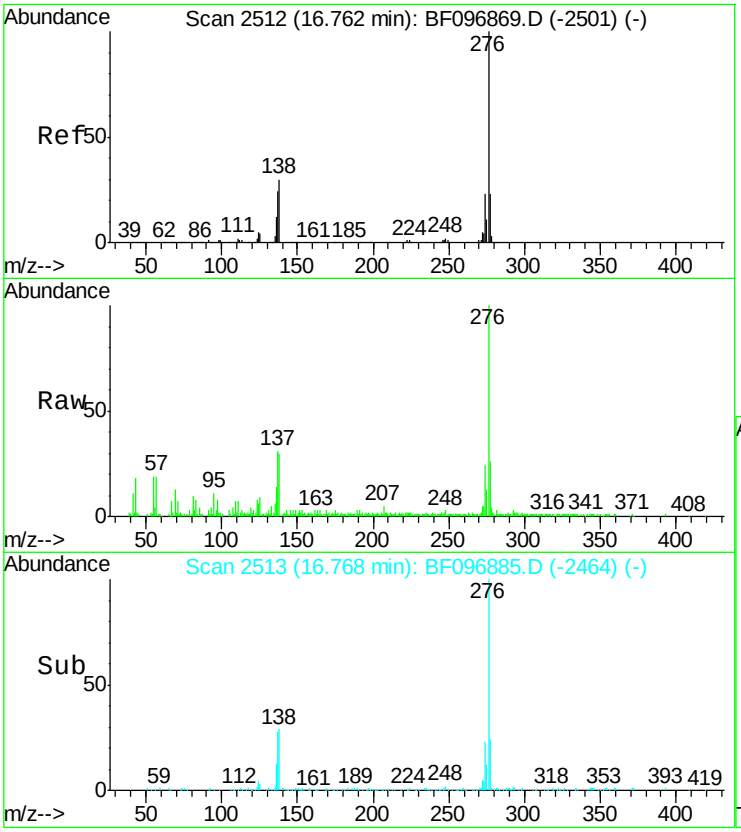


#90
Dibenzo(a,h)anthracene
Concen: 5.14 ng
RT: 16.39 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BF096885.D
Acq: 19 Jul 2017 22:20

Tgt Ion:278 Resp: 35437

Ion	Ratio	Lower	Upper
278	100		
139	33.5	16.6	24.8#
279	29.6	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 17.58 ng
RT: 16.77 min Scan# 2513
Delta R.T. -0.01 min
Lab File: BF096885.D
Acq: 19 Jul 2017 22:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 129812

Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.6	28.0
138	30.4	25.4	38.0