Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
Data File : BF096887.D
Acq On : 19 Jul 2017 23:16
Operator : SJ/JU
Sample : I4276-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 20 00:56:53 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	103755	20.00	ng		-0.01
21) Naphthalene-d8	7.87	136	458336	20.00	ng		-0.02
38) Acenaphthene-d10	9.62	164	178892	20.00	ng		-0.02
63) Phenanthrene-d10	11.10	188	263690	20.00	ng		0.00
75) Chrysene-d12	13.73	240	179278	20.00	ng		0.00
86) Perylene-d12	15.10	264	139200	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	803471	116.44	ng		0.00
7) Phenol-d6	6.25	99	938425	113.33	ng		0.00
23) Nitrobenzene-d5	7.16	82	513515	69.40	ng		-0.01
41) 2,4,6-Tribromophenol	10.40	330	138789	90.89	ng		-0.02
44) 2-Fluorobiphenyl	8.95	172	739518	65.31	ng		-0.01
78) Terphenyl-d14	12.68	244	371023	35.89	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.26	94	38325	4.09	ng		90
19) n-Nitroso-di-n-propylamine	7.16	70	69670	13.97	ng	#	87
25) Isophorone	7.16	82	510748	37.10	ng	#	67
49) Dimethylphthalate	9.35	163	165469	12.28	ng		98
55) 4-Nitrophenol	9.82	139	6441	2.55	ng	#	25
56) 2,4-Dinitrotoluene	9.62	165	23226	6.20	ng	#	32
66) 4-Bromophenyl-phenylether	10.40	248	8539	3.17	ng	#	1
70) Phenanthrene	11.12	178	596084	41.57	ng		99
71) Anthracene	11.17	178	113216	7.81	ng		98
74) Fluoranthene	12.31	202	728883	53.11	ng		99
77) Pyrene	12.53	202	599598	36.85	ng		99
80) Benzo(a)anthracene	13.72	228	315138	28.21	ng		98
82) Chrysene	13.75	228	261921	23.82	ng		98
85) Indeno(1,2,3-cd)pyrene	16.37	276	92061	11.93	ng		93
87) Benzo(b)fluoranthene	14.72	252	349658	41.65	ng		98
88) Benzo(k)fluoranthene	14.72	252	349658	43.98	ng		97
89) Benzo(a)pyrene	15.04	252	161129	20.93	ng		100
90) Dibenzo(a,h)anthracene	16.57	278	21360	3.01	ng		96
91) Benzo(g,h,i)perylene	16.76	276	82035	10.81	ng		95

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

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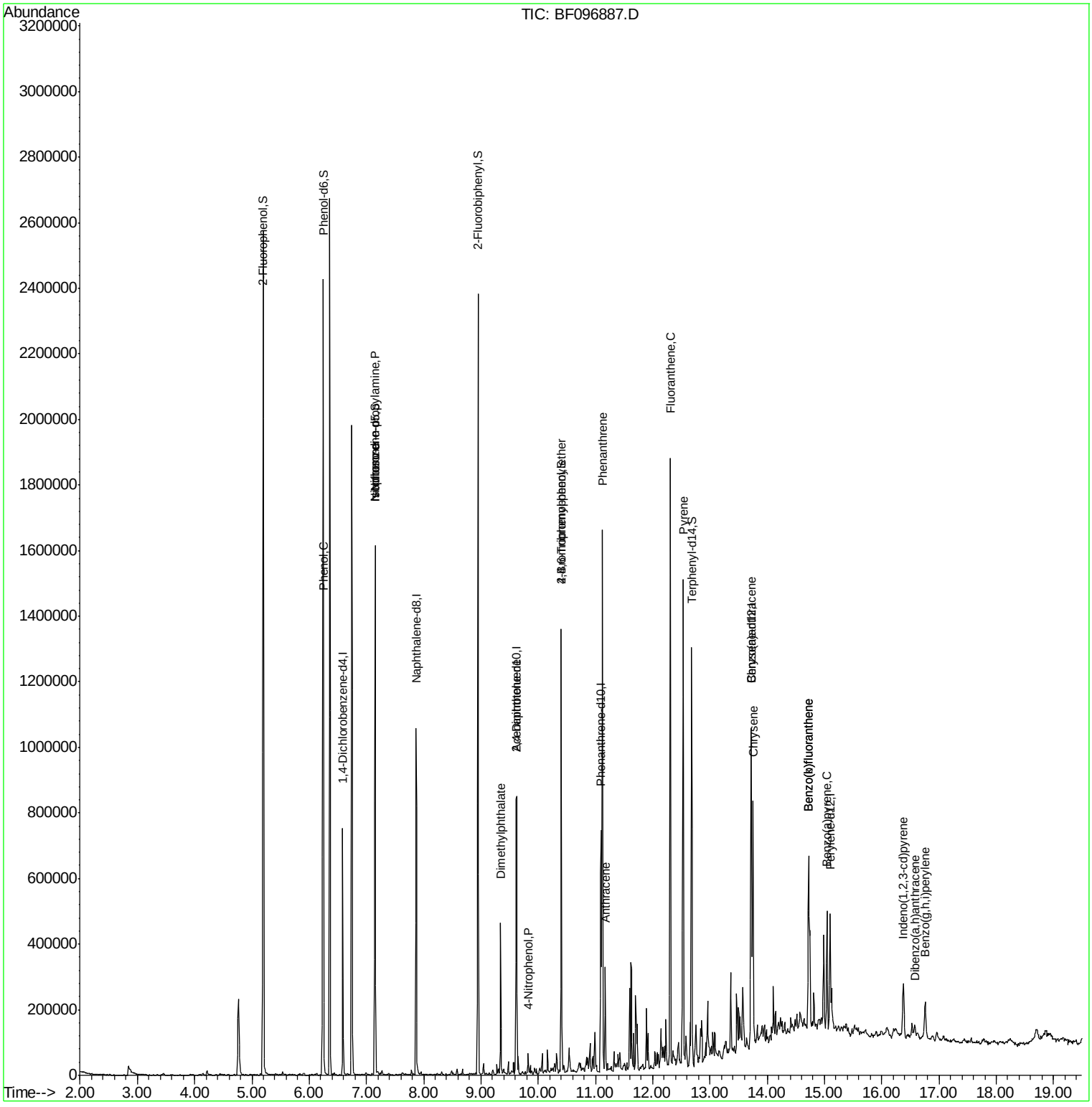
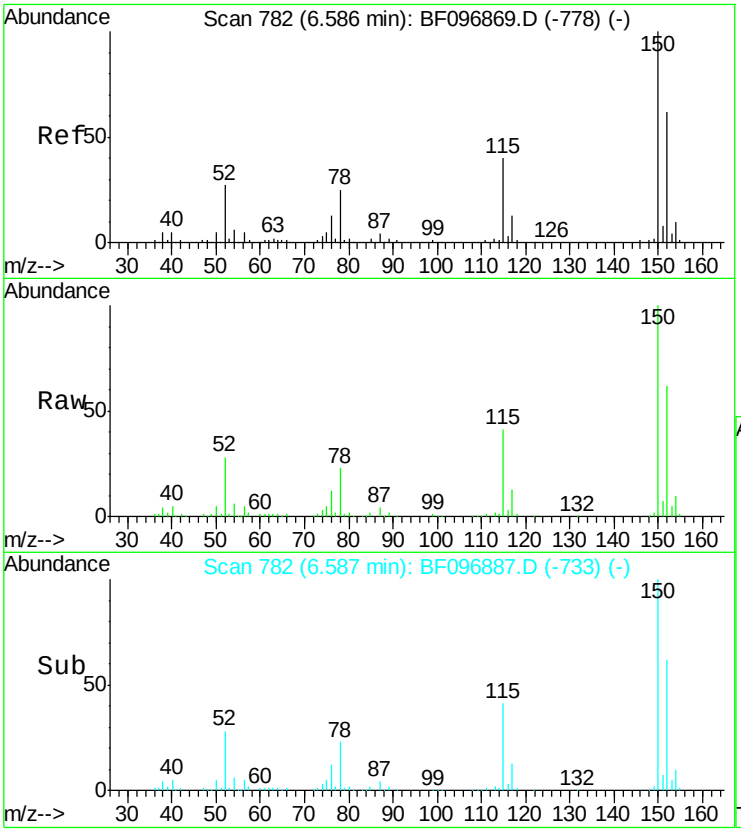


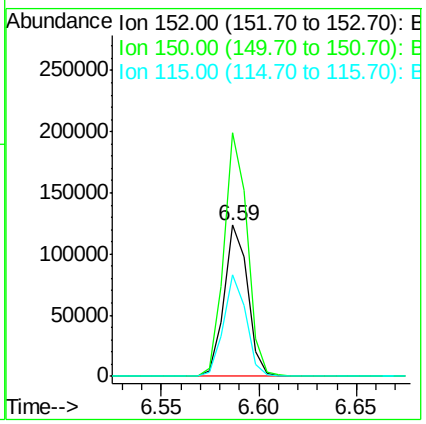


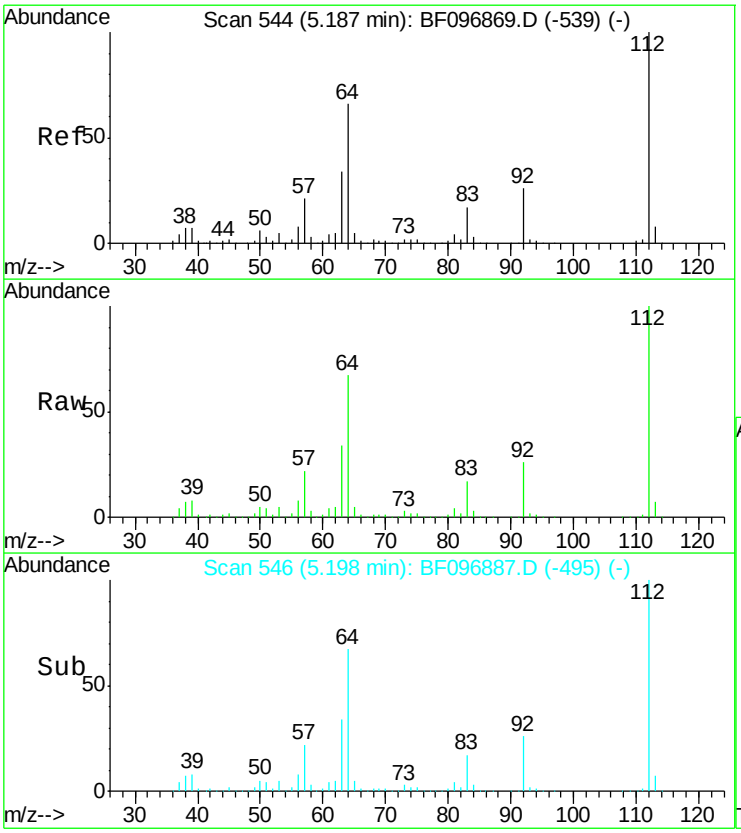
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096887.D
Acq: 19 Jul 2017 23:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 103755

Ion	Ratio	Lower	Upper
152	100		
150	160.8	126.2	189.2
115	66.7	52.2	78.2

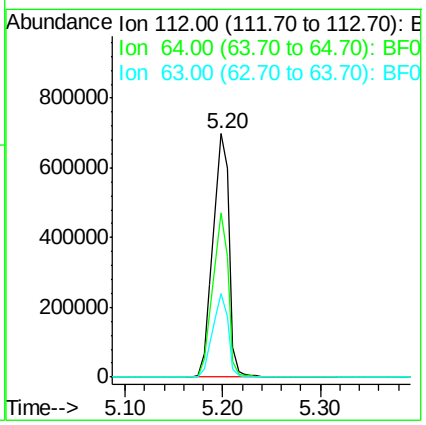


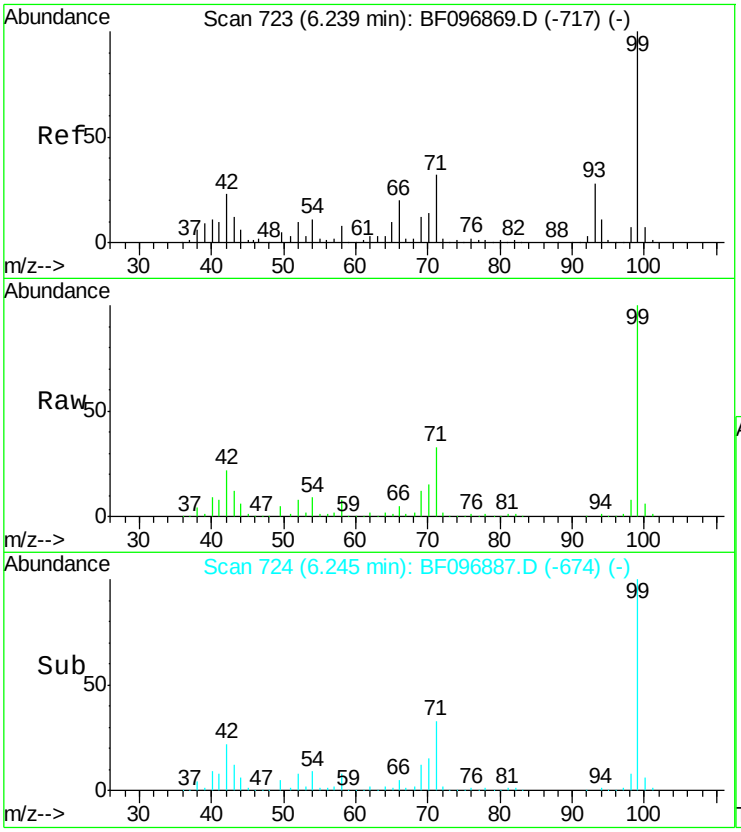


#5
2-Fluorophenol
Concen: 116.44 ng
RT: 5.20 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF096887.D
Acq: 19 Jul 2017 23:16

Tgt Ion:112 Resp: 803471

Ion	Ratio	Lower	Upper
112	100		
64	67.4	46.0	69.0
63	34.1	23.4	35.0



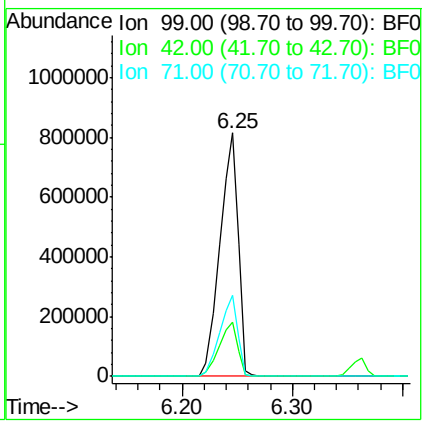


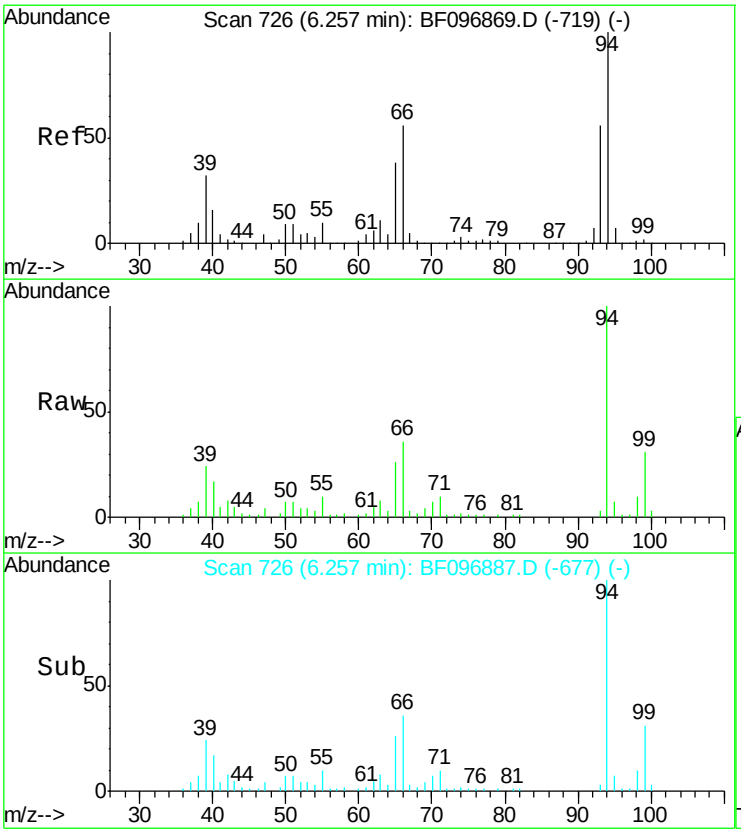
#7
Phenol-d6
Concen: 113.33 ng
RT: 6.25 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF096887.D
Acq: 19 Jul 2017 23:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 938425

Ion	Ratio	Lower	Upper
99	100		
42	22.4	13.5	20.3#
71	33.2	24.5	36.7

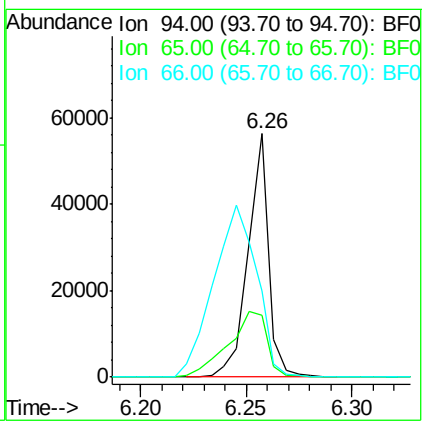


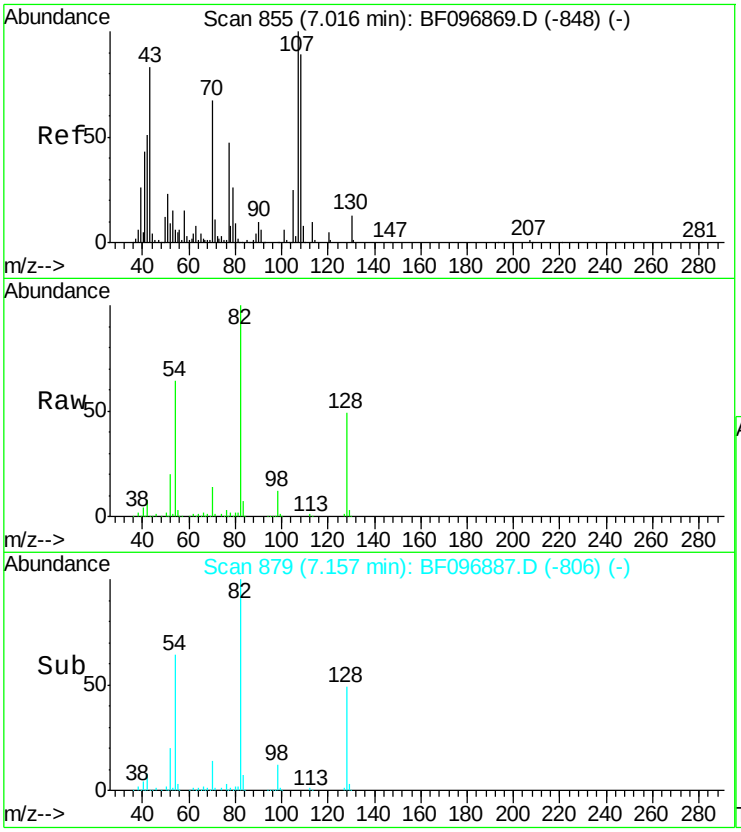


#10
Phenol
Concen: 4.09 ng
RT: 6.26 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF096887.D
Acq: 19 Jul 2017 23:16

Tgt Ion: 94 Resp: 38325

Ion	Ratio	Lower	Upper
94	100		
65	25.5	9.9	49.9
66	35.6	23.1	63.1



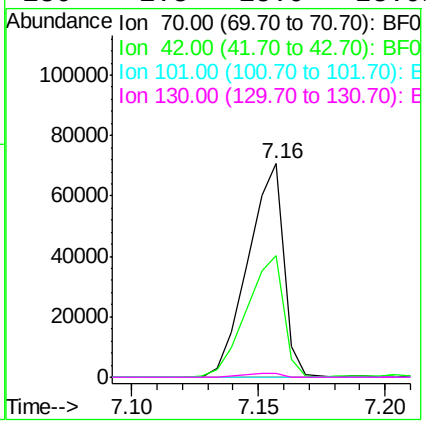


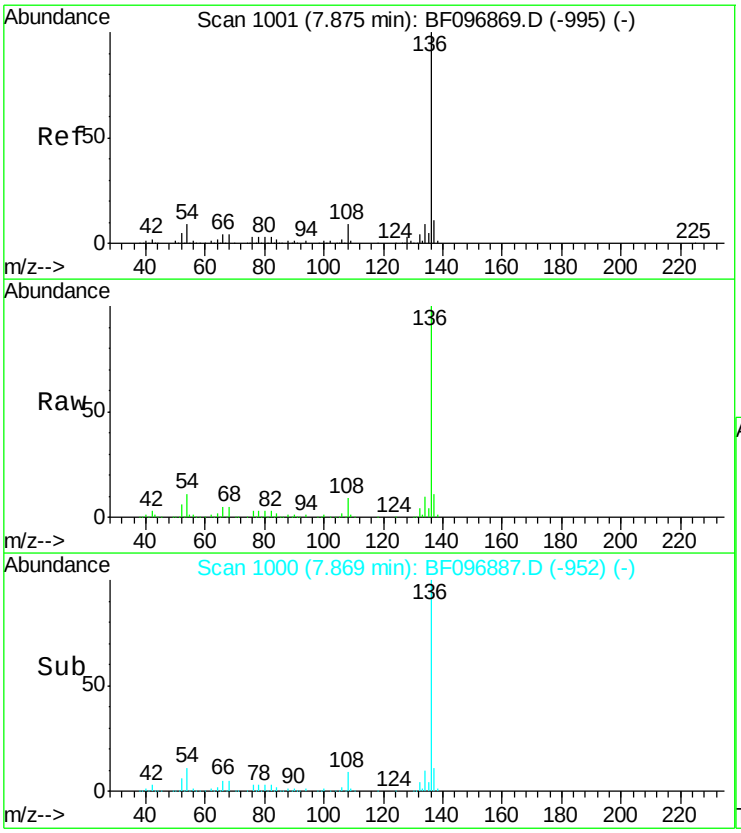
#19
n-Nitroso-di-n-propylamine
Concen: 13.97 ng
RT: 7.16 min Scan# 879
Delta R.T. 0.13 min
Lab File: BF096887.D
Acq: 19 Jul 2017 23:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 69670

Ion	Ratio	Lower	Upper
70	100		
42	57.0	47.2	70.8
101	0.0	7.2	10.8#
130	1.8	15.9	23.9#

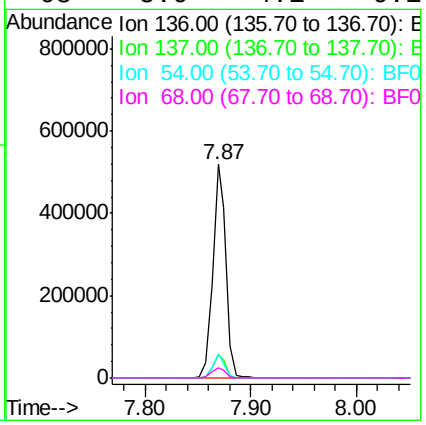


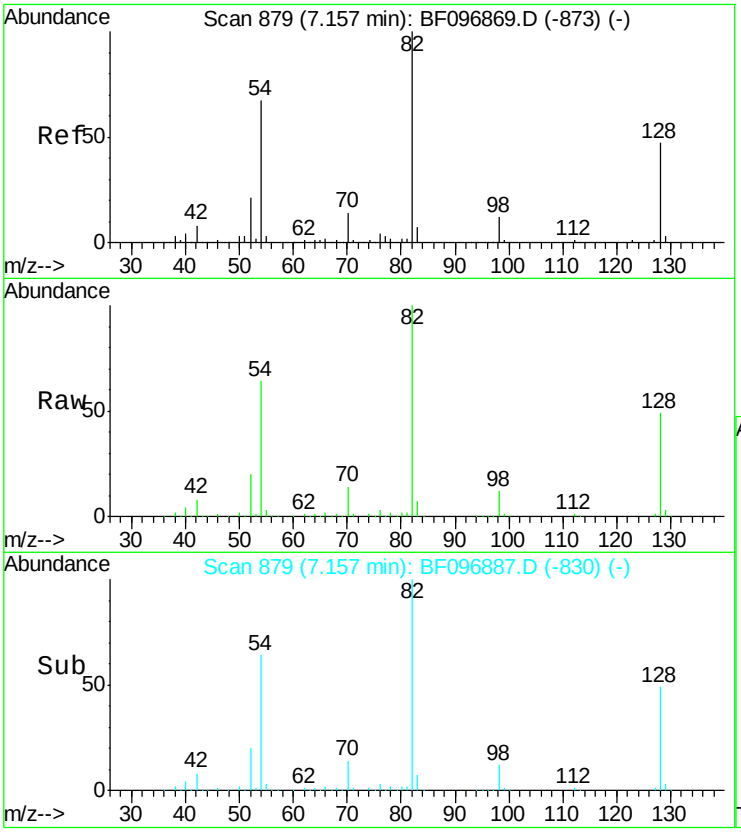


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF096887.D
Acq: 19 Jul 2017 23:16

Tgt Ion:136 Resp: 458336

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	11.2	4.9	7.3#
68	5.0	4.1	6.1



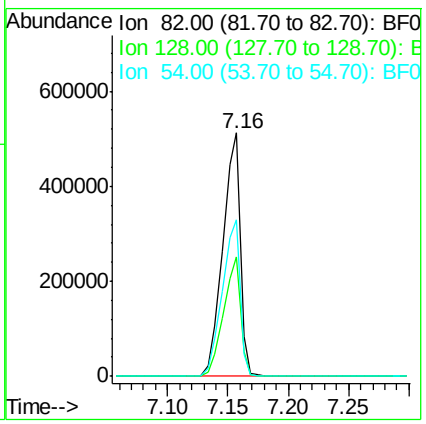


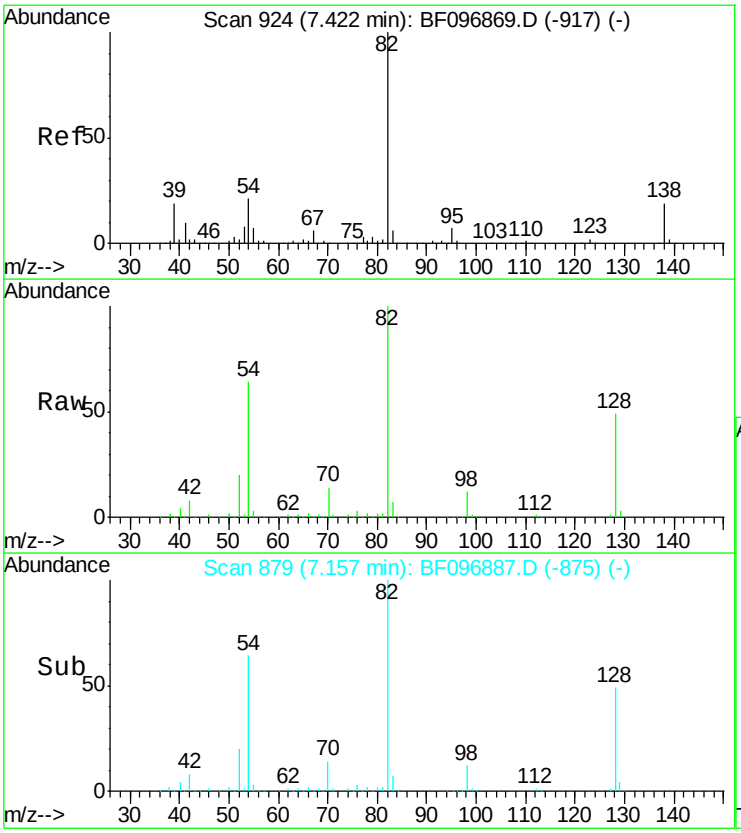
#23
Nitrobenzene-d5
Concen: 69.40 ng
RT: 7.16 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF096887.D
Acq: 19 Jul 2017 23:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 513515

Ion	Ratio	Lower	Upper
82	100		
128	48.9	34.0	51.0
54	64.4	42.2	63.2#

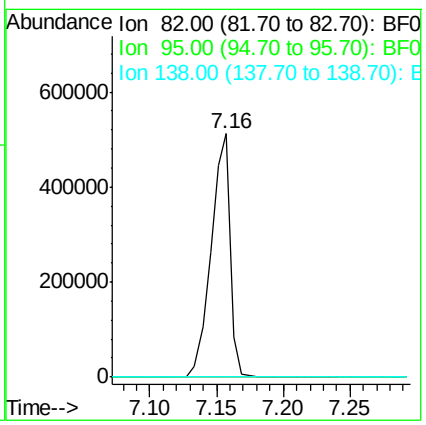


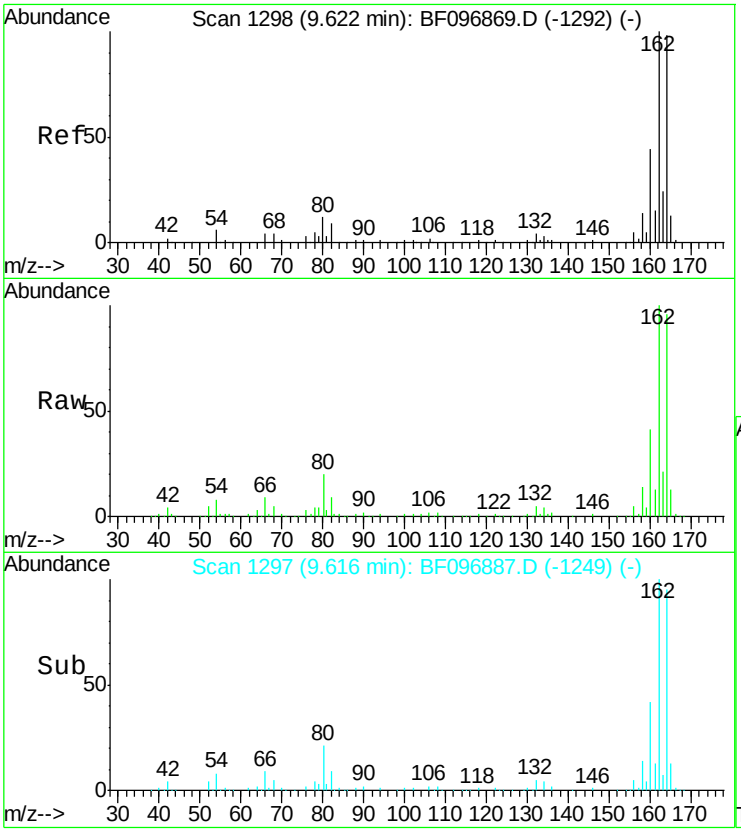


#25
Isophorone
Concen: 37.10 ng
RT: 7.16 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF096887.D
Acq: 19 Jul 2017 23:16

Tgt Ion: 82 Resp: 510748

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



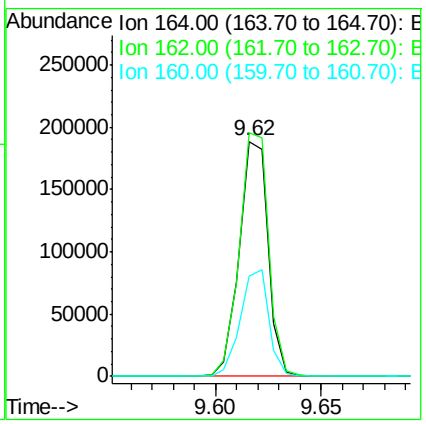


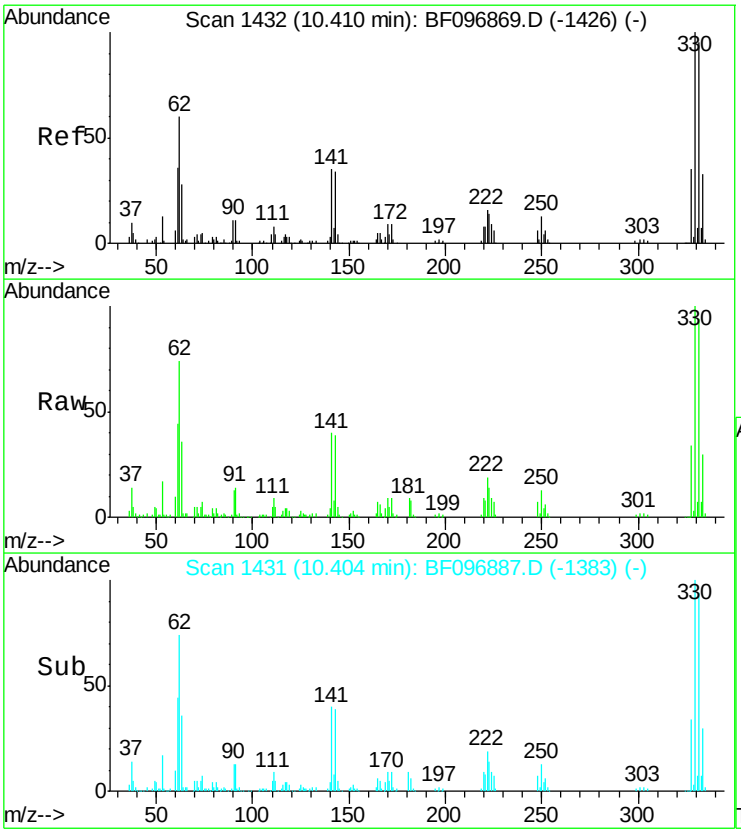
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096887.D
Acq: 19 Jul 2017 23:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 178892

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	42.9	36.2	54.2

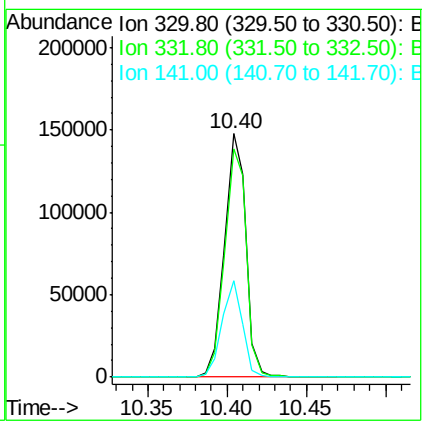


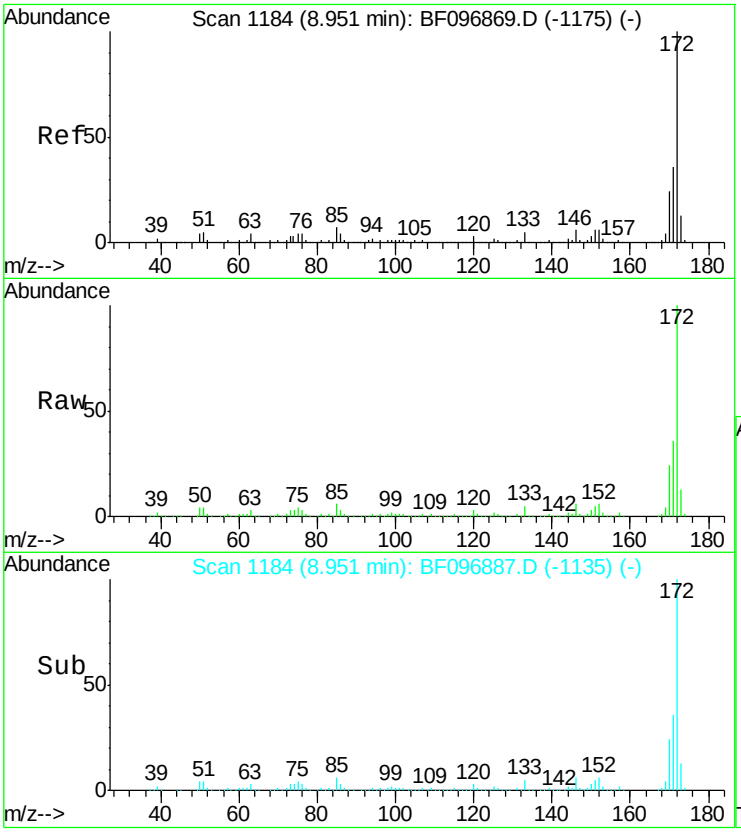


#41
2,4,6-Tribromophenol
Concen: 90.89 ng
RT: 10.40 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF096887.D
Acq: 19 Jul 2017 23:16

Tgt Ion:330 Resp: 138789

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	115.0
141	38.6	31.4	47.2



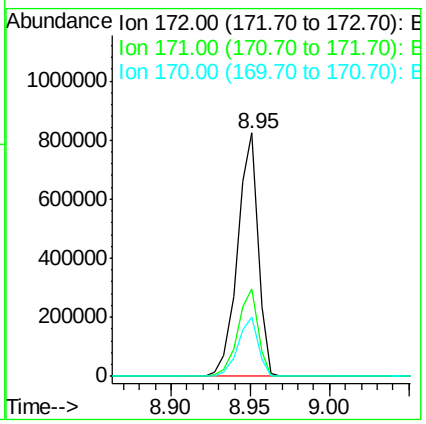


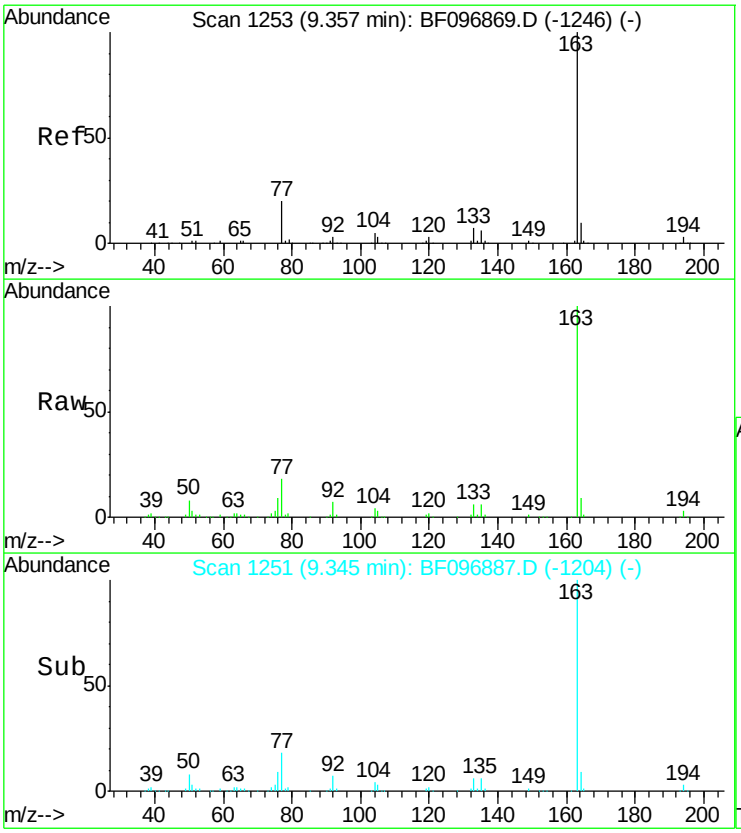
#44
2-Fluorobiphenyl
Concen: 65.31 ng
RT: 8.95 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF096887.D
Acq: 19 Jul 2017 23:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 739518

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.2	19.8	29.8

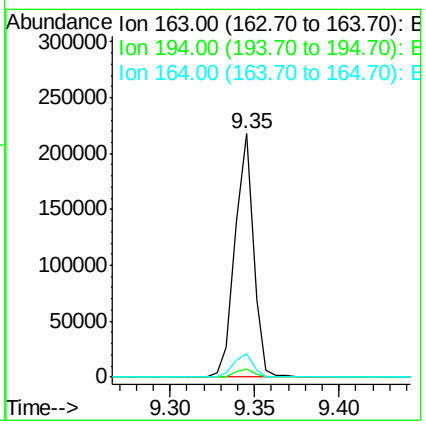


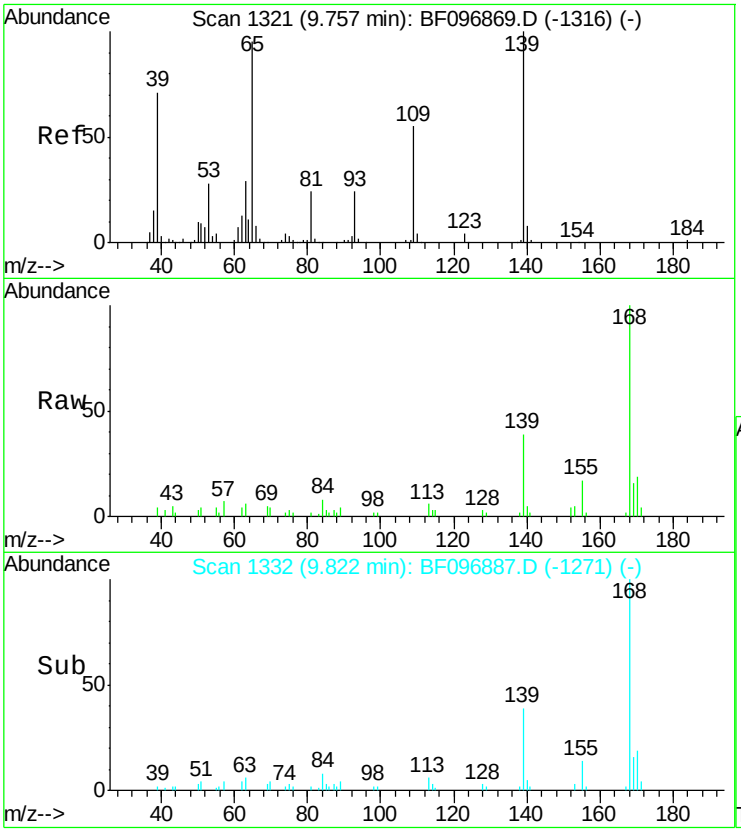


#49
Dimethylphthalate
Concen: 12.28 ng
RT: 9.35 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF096887.D
Acq: 19 Jul 2017 23:16

Tgt Ion:163 Resp: 165469

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.4	8.4	12.6



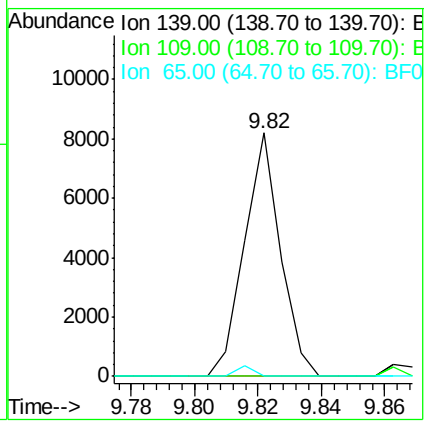


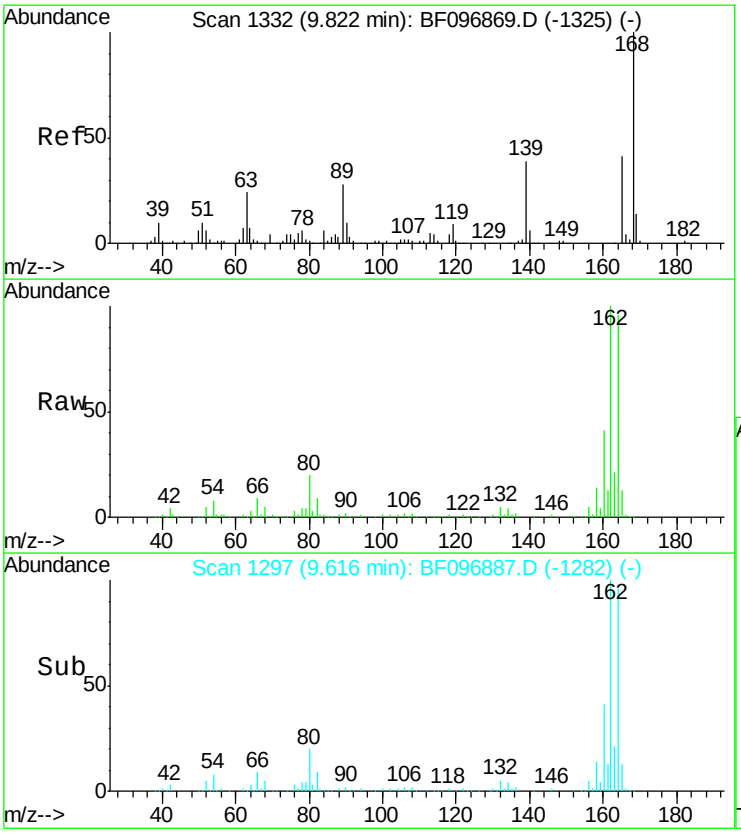
#55
4-Nitrophenol
Concen: 2.55 ng
RT: 9.82 min Scan# 1332
Delta R.T. 0.06 min
Lab File: BF096887.D
Acq: 19 Jul 2017 23:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 6441

Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	0.0	31.4	71.4#

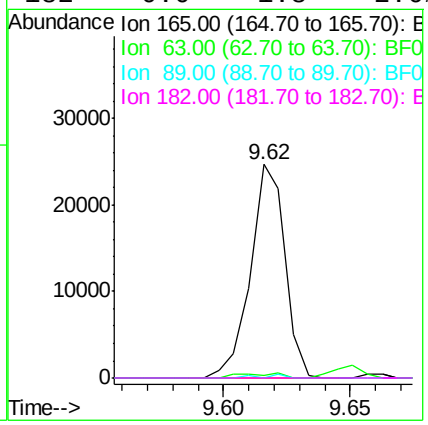


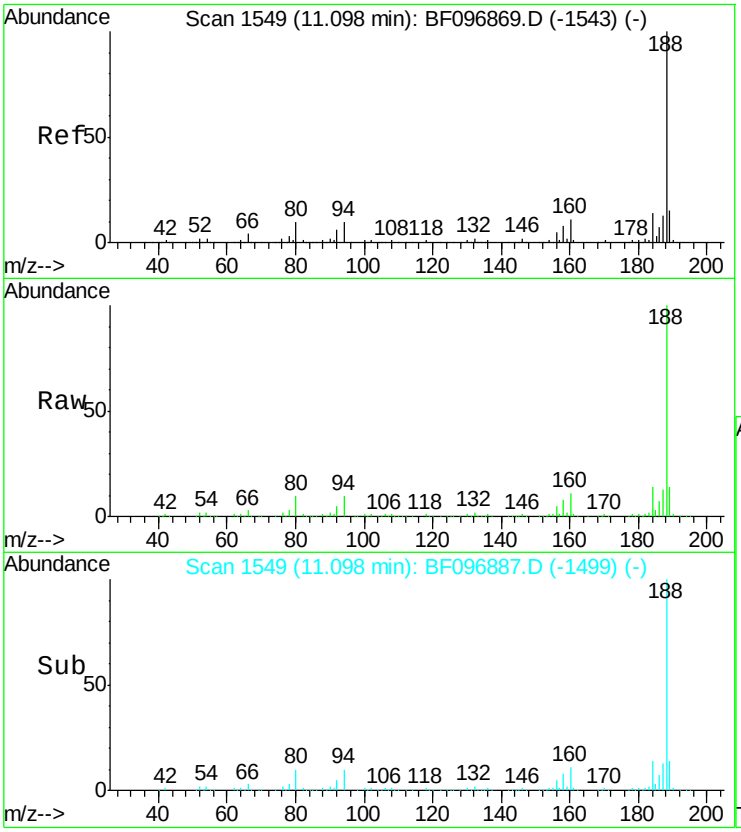


#56
2,4-Dinitrotoluene
Concen: 6.20 ng
RT: 9.62 min Scan# 1297
Delta R.T. -0.21 min
Lab File: BF096887.D
Acq: 19 Jul 2017 23:16

Tgt Ion:165 Resp: 23226

Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#



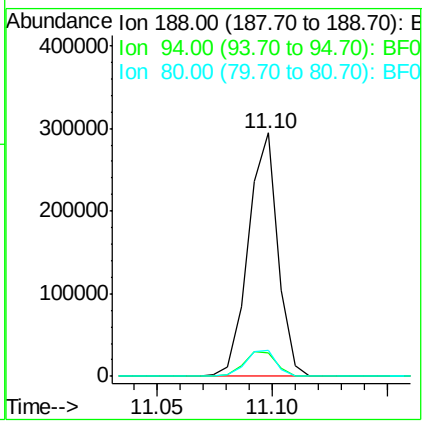


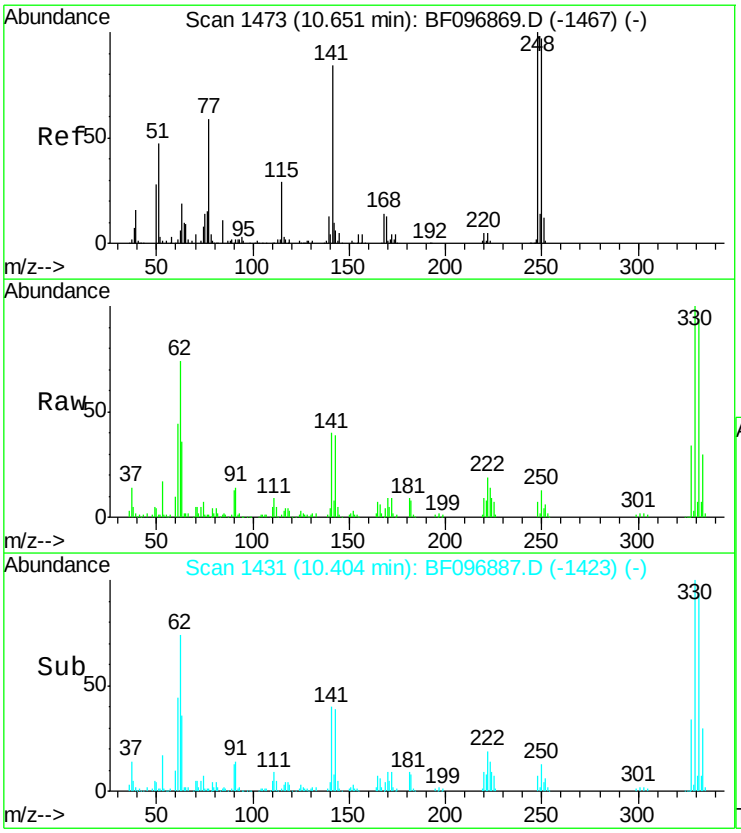
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF096887.D
Acq: 19 Jul 2017 23:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 263690

Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.4	14.2
80	10.5	10.2	15.2

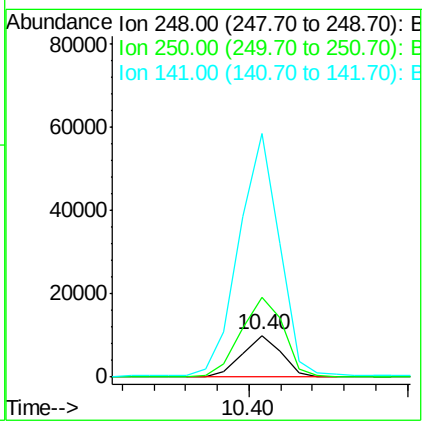


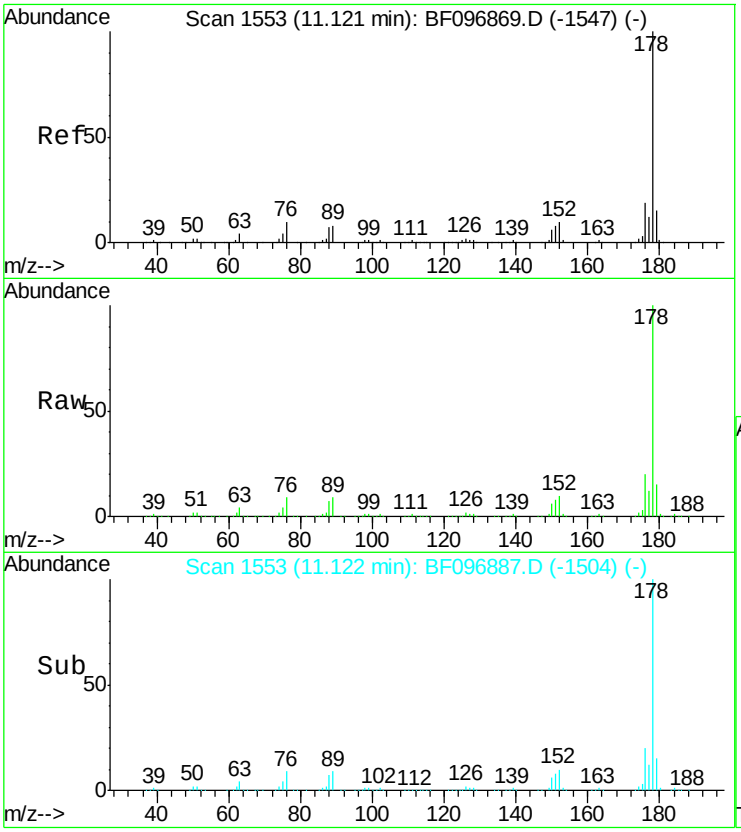


#66
4-Bromophenyl-phenylether
Concen: 3.17 ng
RT: 10.40 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF096887.D
Acq: 19 Jul 2017 23:16

Tgt Ion:248 Resp: 8539

Ion	Ratio	Lower	Upper
248	100		
250	192.5	76.8	115.2#
141	586.3	68.6	103.0#



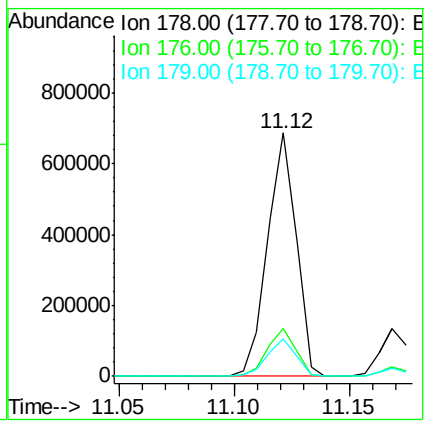


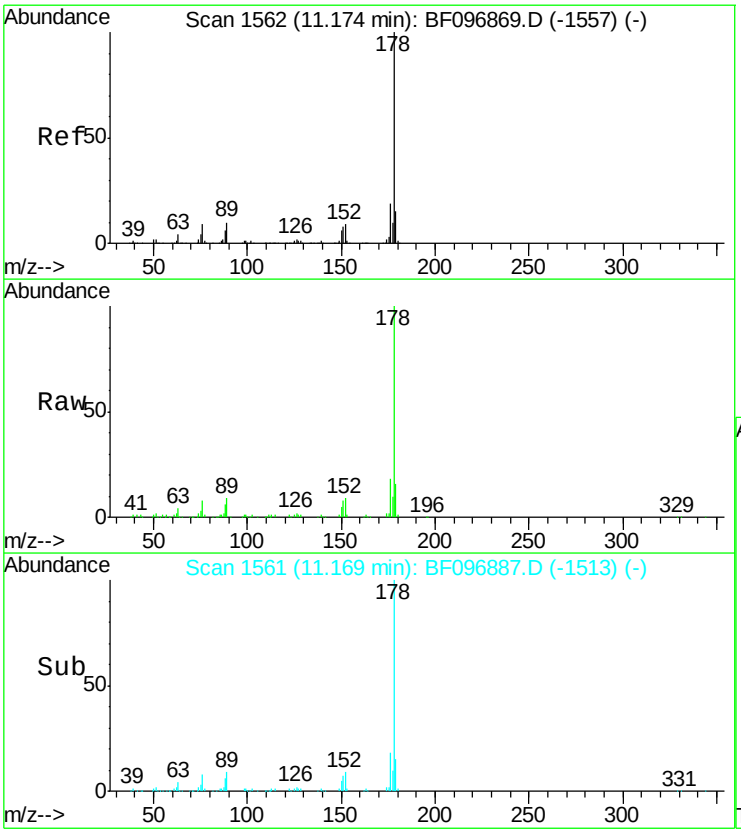
#70
Phenanthrene
Concen: 41.57 ng
RT: 11.12 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF096887.D
Acq: 19 Jul 2017 23:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 596084

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	15.2	12.6	19.0

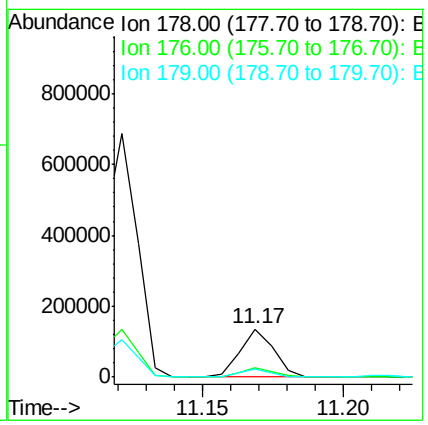


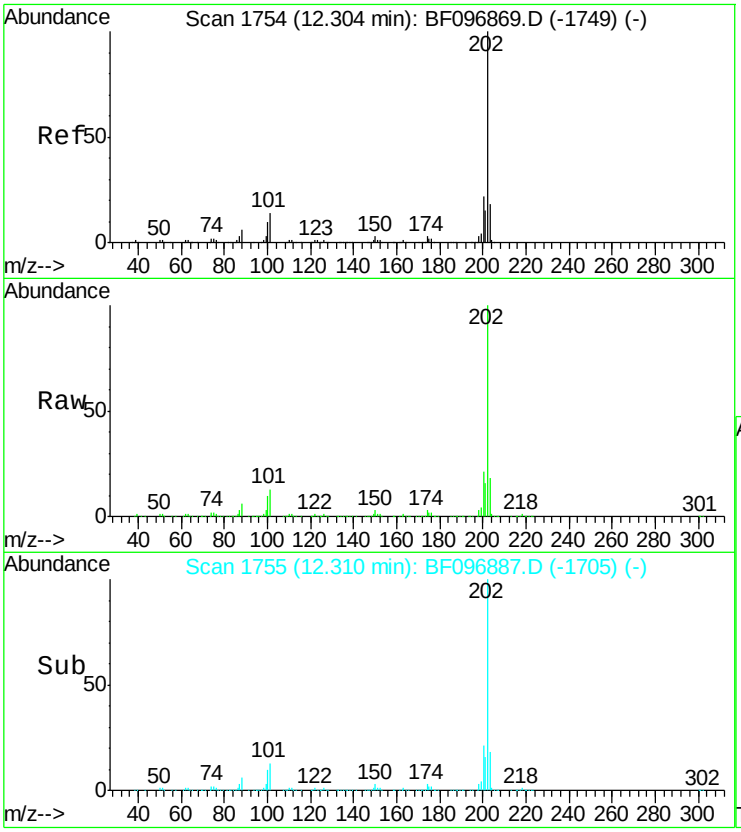


#71
Anthracene
Concen: 7.81 ng
RT: 11.17 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF096887.D
Acq: 19 Jul 2017 23:16

Tgt Ion:178 Resp: 113216

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	15.5	12.7	19.1



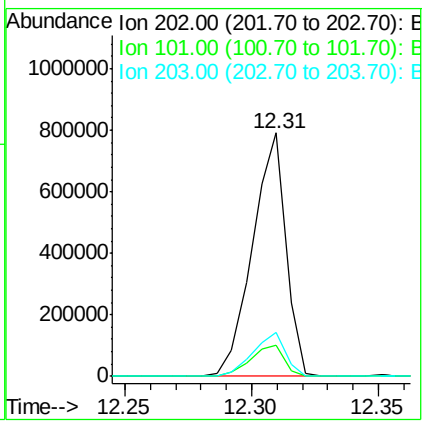


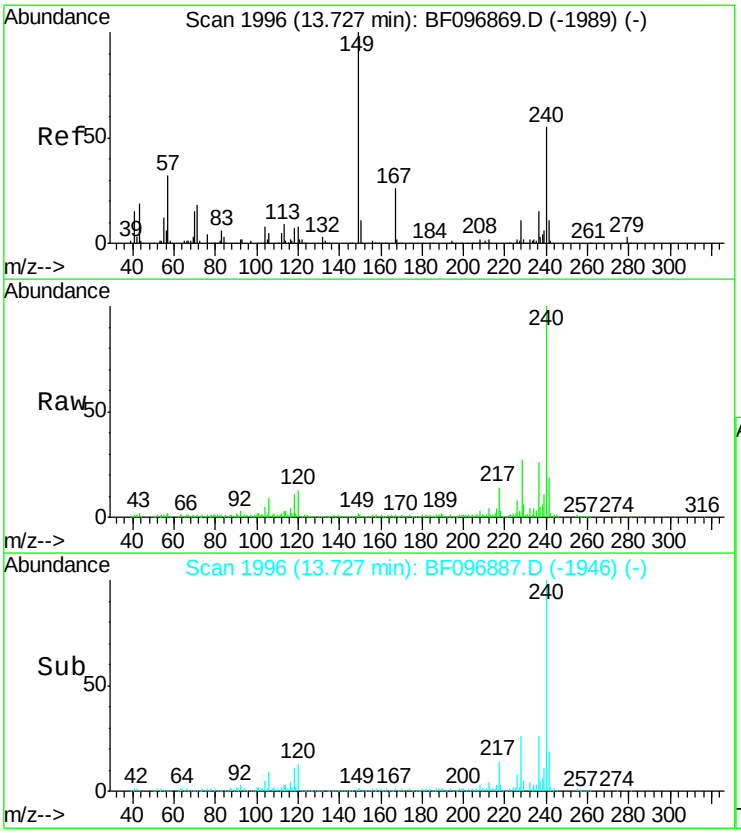
#74
Fluoranthene
Concen: 53.11 ng
RT: 12.31 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF096887.D
Acq: 19 Jul 2017 23:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 728883

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.2
203	17.8	0.0	38.1

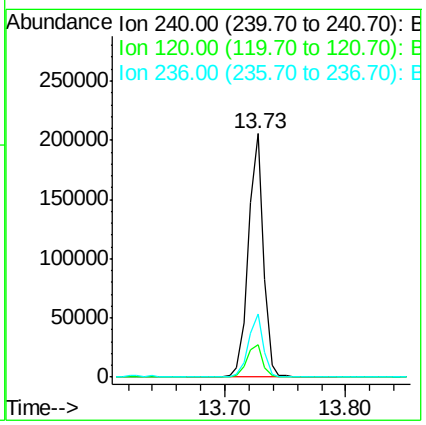


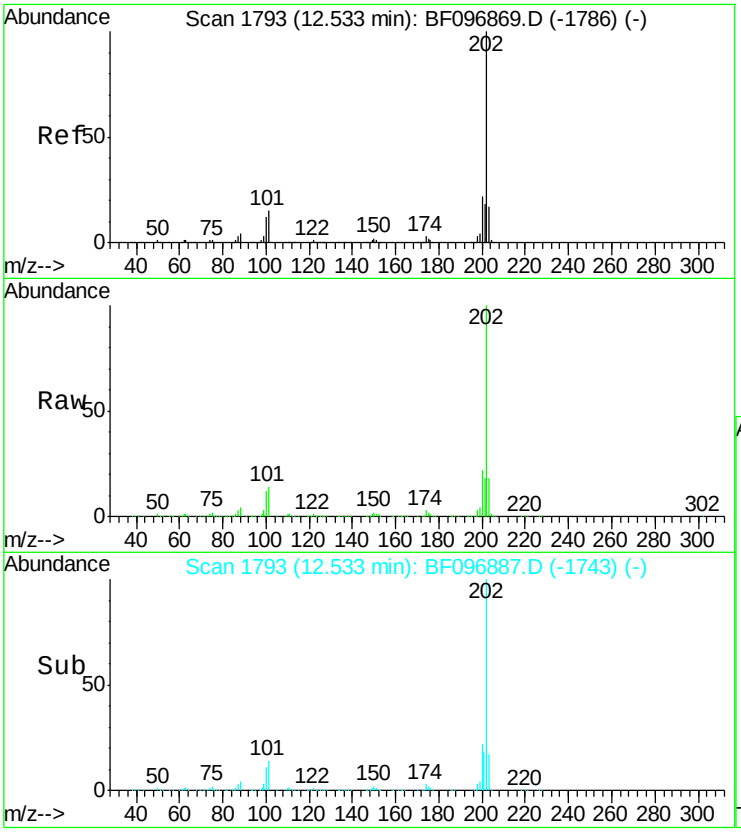


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF096887.D
Acq: 19 Jul 2017 23:16

Tgt Ion:240 Resp: 179278

Ion	Ratio	Lower	Upper
240	100		
120	13.1	5.8	8.8#
236	25.7	20.5	30.7



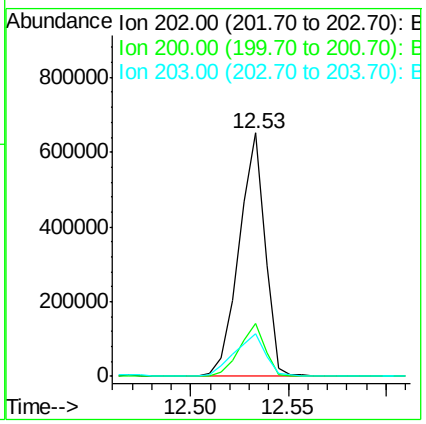


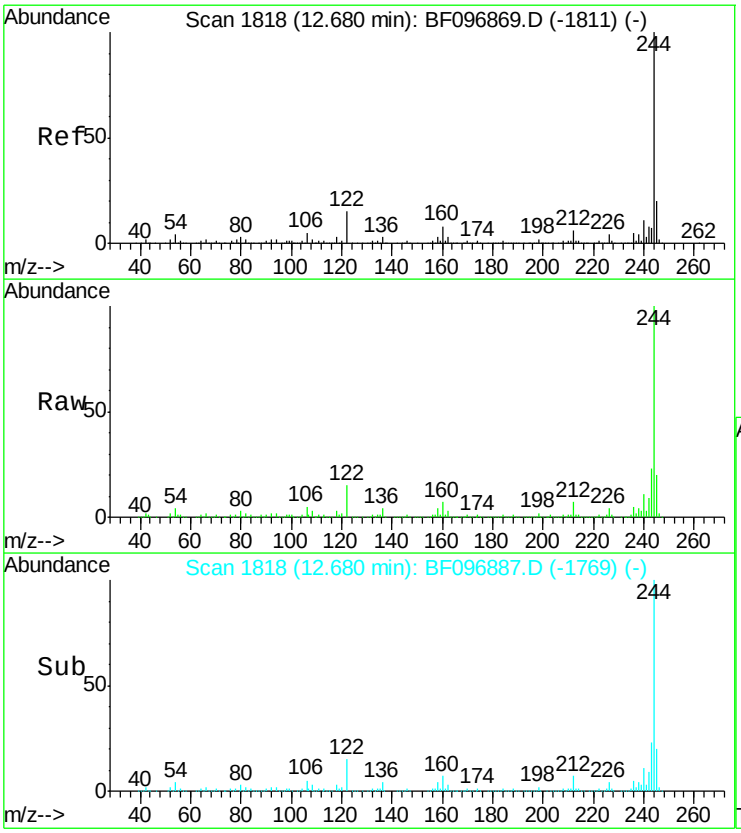
#77
Pyrene
Concen: 36.85 ng
RT: 12.53 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF096887.D
Acq: 19 Jul 2017 23:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 599598

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	17.6	14.4	21.6

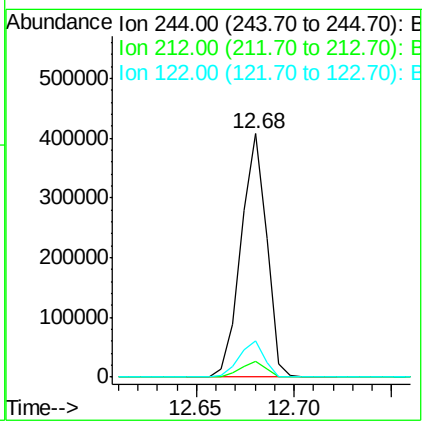


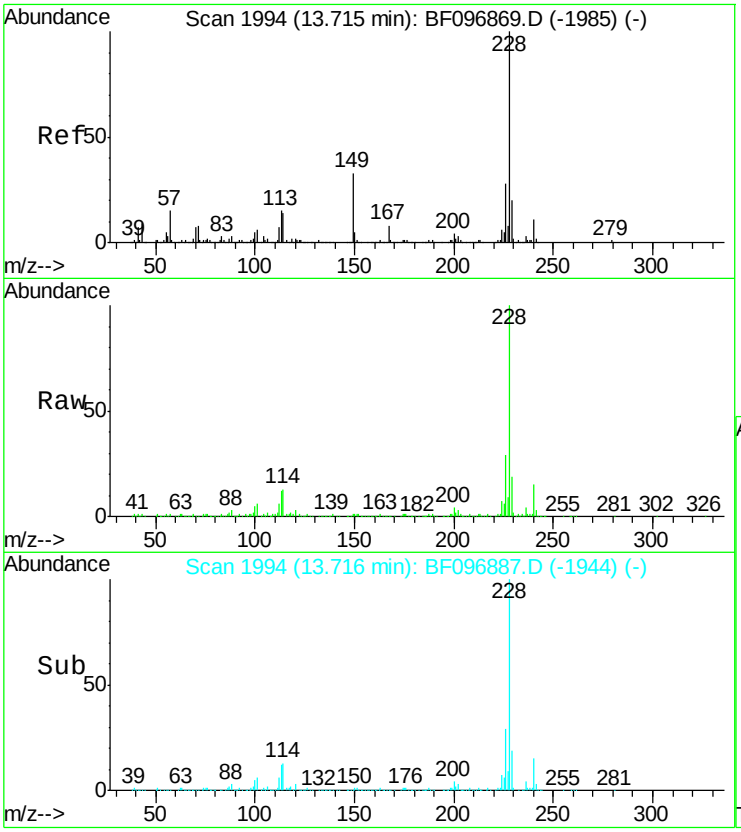


#78
Terphenyl-d14
Concen: 35.89 ng
RT: 12.68 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF096887.D
Acq: 19 Jul 2017 23:16

Tgt Ion:244 Resp: 371023

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	14.8	10.3	15.5



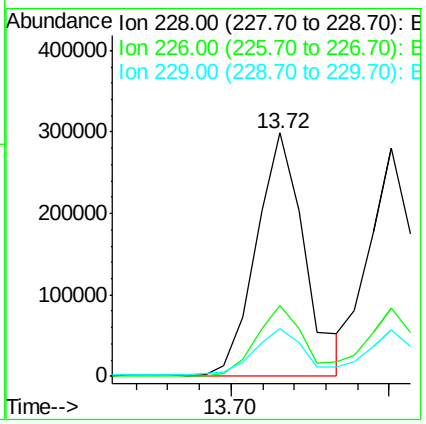


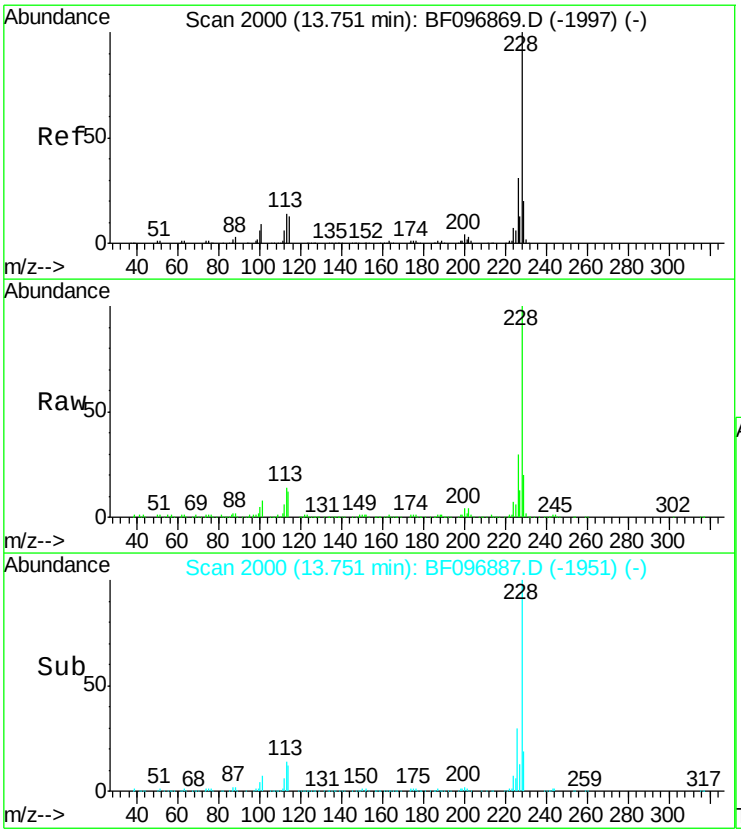
#80
Benzo(a)anthracene
Concen: 28.21 ng
RT: 13.72 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF096887.D
Acq: 19 Jul 2017 23:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 315138

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	19.5	16.3	24.5

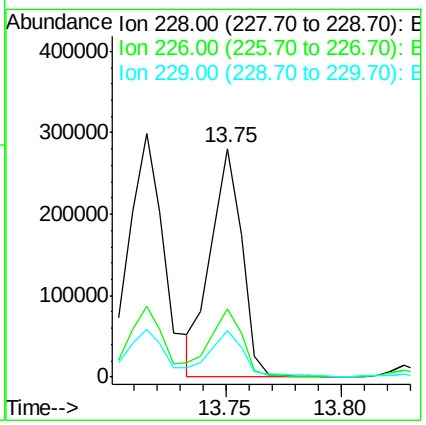


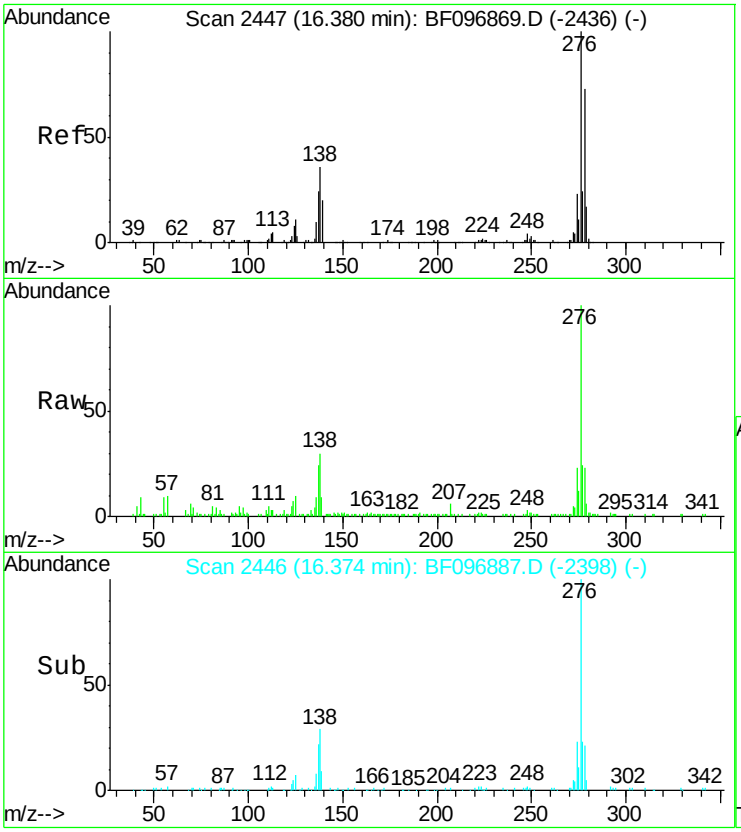


#82
Chrysene
Concen: 23.82 ng
RT: 13.75 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF096887.D
Acq: 19 Jul 2017 23:16

Tgt Ion:228 Resp: 261921

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	20.2	15.8	23.6



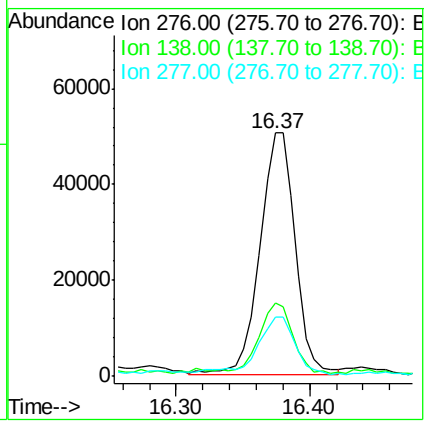


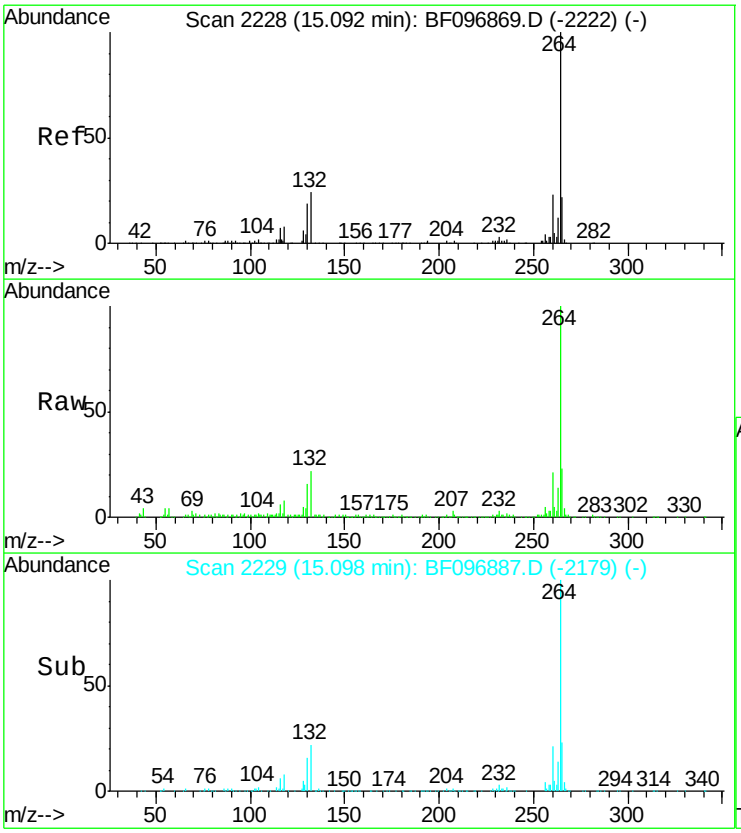
#85
Indeno(1,2,3-cd)pyrene
Concen: 11.93 ng
RT: 16.37 min Scan# 2446
Delta R.T. -0.02 min
Lab File: BF096887.D
Acq: 19 Jul 2017 23:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 92061

Ion	Ratio	Lower	Upper
276	100		
138	28.2	27.8	41.6
277	25.4	20.2	30.4

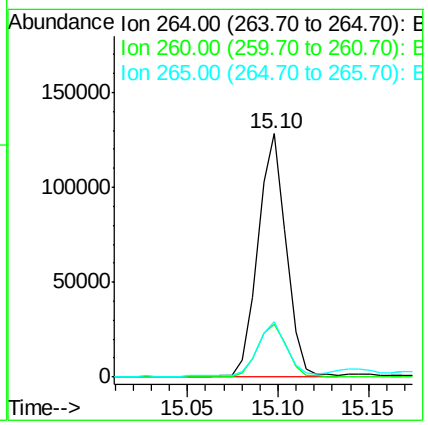


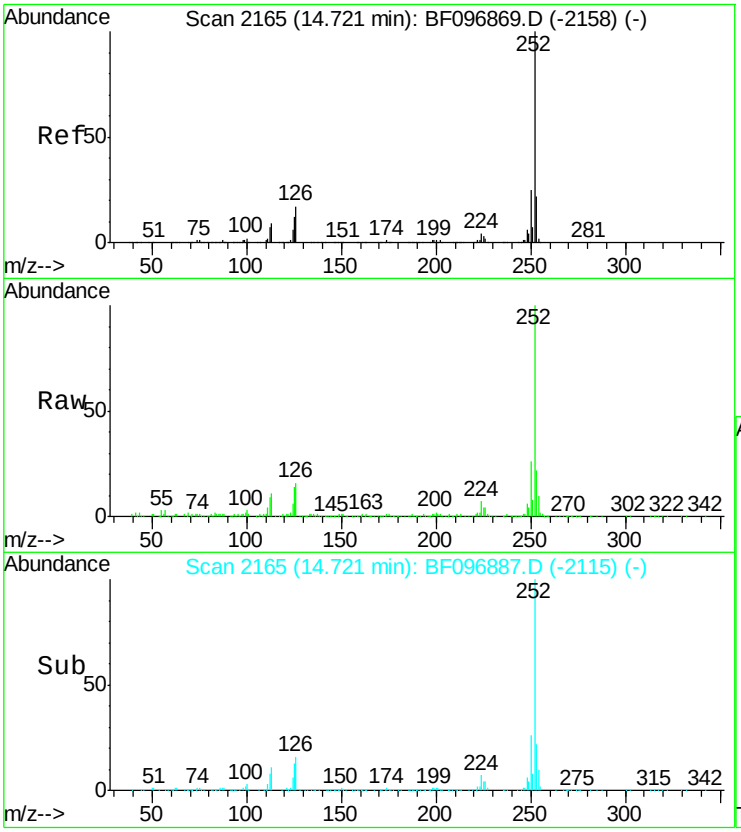


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF096887.D
Acq: 19 Jul 2017 23:16

Tgt Ion:264 Resp: 139200

Ion	Ratio	Lower	Upper
264	100		
260	21.5	19.5	29.3
265	22.9	17.2	25.8



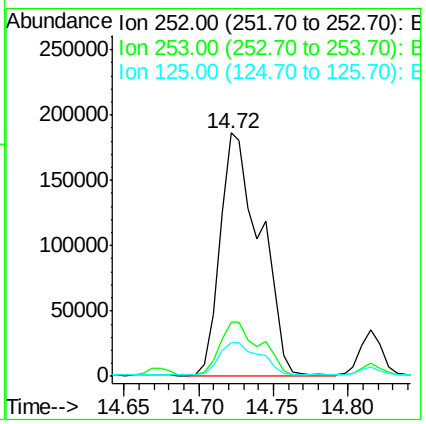


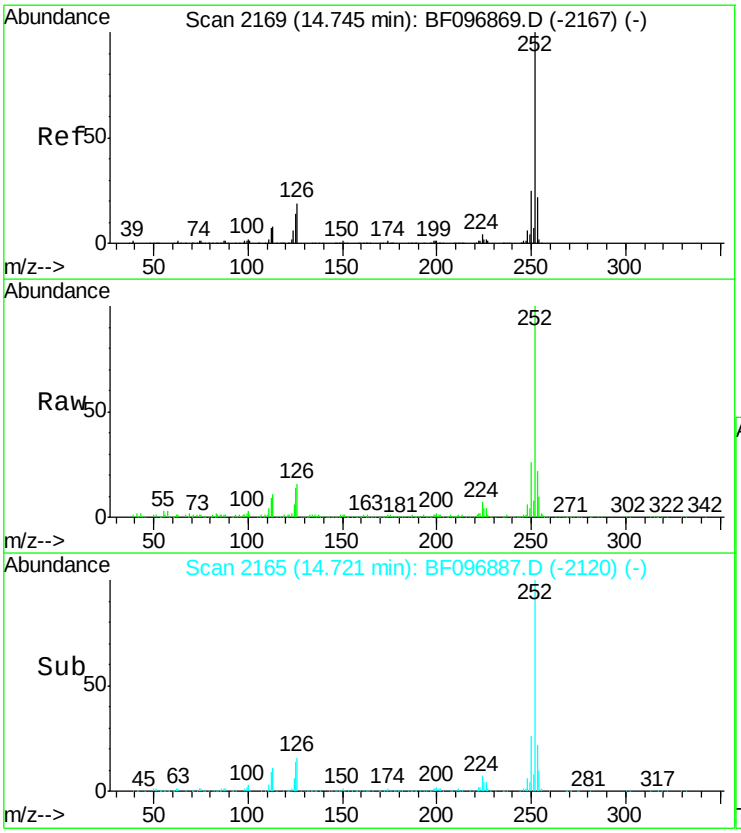
#87
Benzo(b)fluoranthene
Concen: 41.65 ng
RT: 14.72 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BF096887.D
Acq: 19 Jul 2017 23:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 349658

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	14.0	9.8	14.8

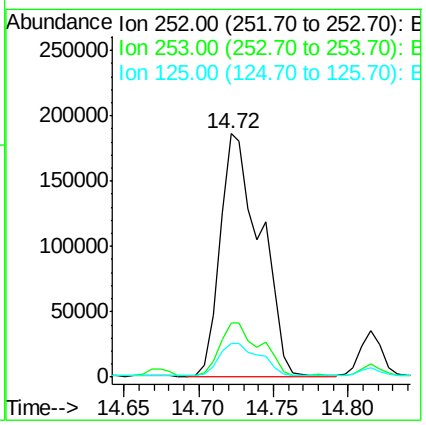


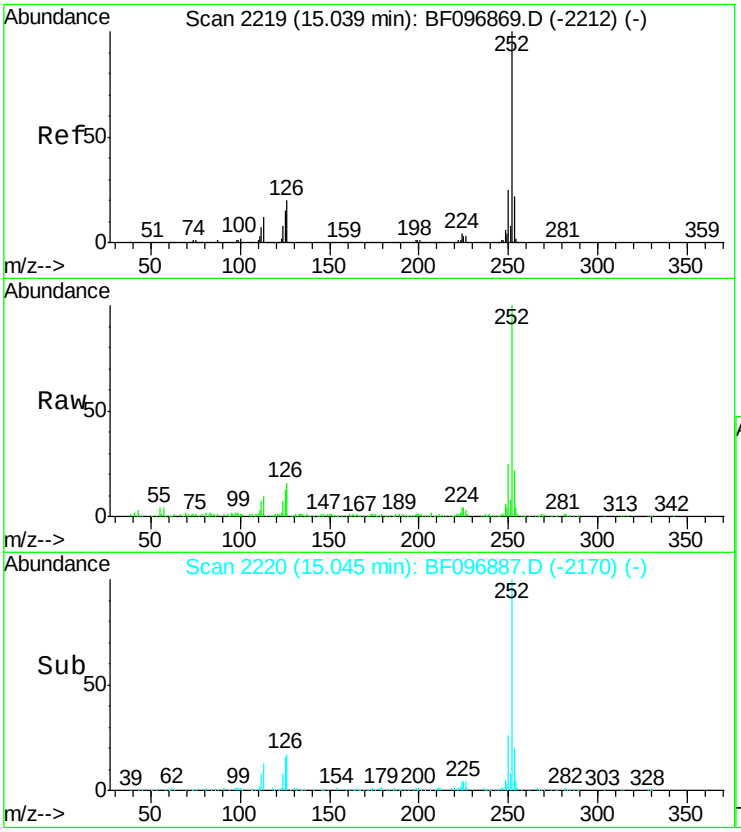


#88
Benzo(k)fluoranthene
Concen: 43.98 ng
RT: 14.72 min Scan# 2165
Delta R.T. -0.04 min
Lab File: BF096887.D
Acq: 19 Jul 2017 23:16

Tgt Ion:252 Resp: 349658

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	14.0	13.1	19.7



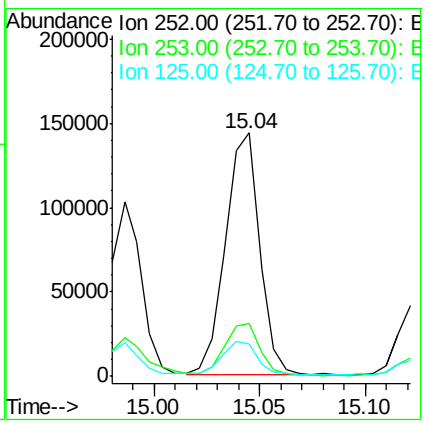


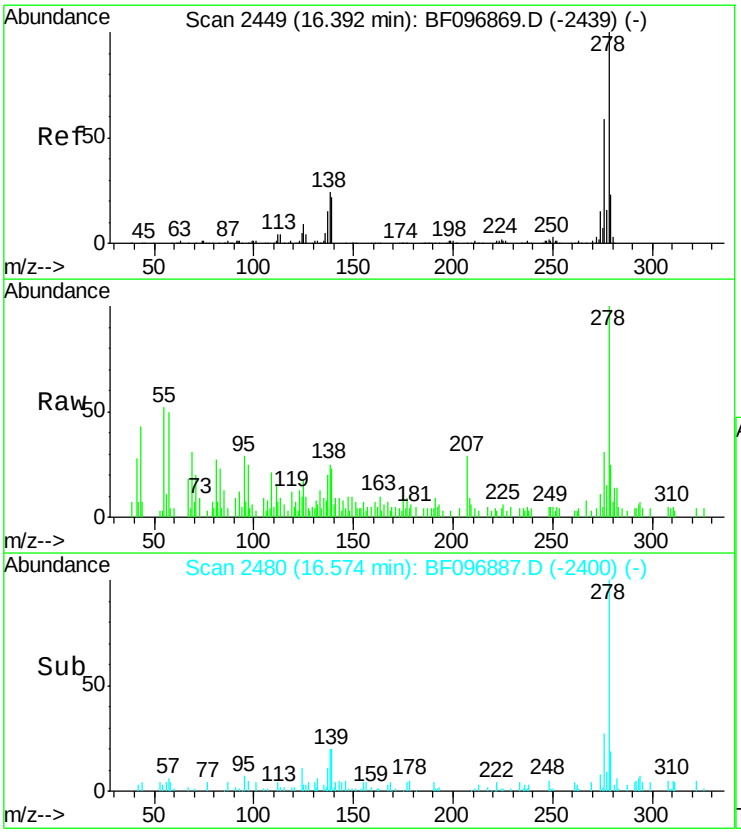
#89
Benzo(a)pyrene
Concen: 20.93 ng
RT: 15.04 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF096887.D
Acq: 19 Jul 2017 23:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 161129

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	13.3	11.0	16.4

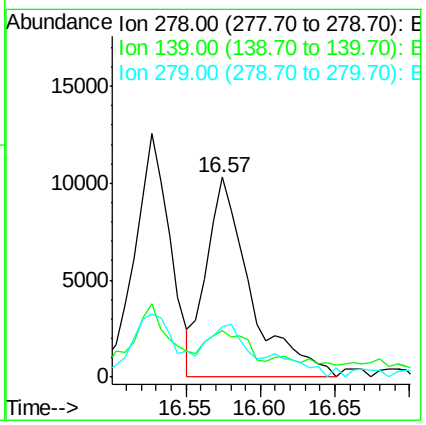


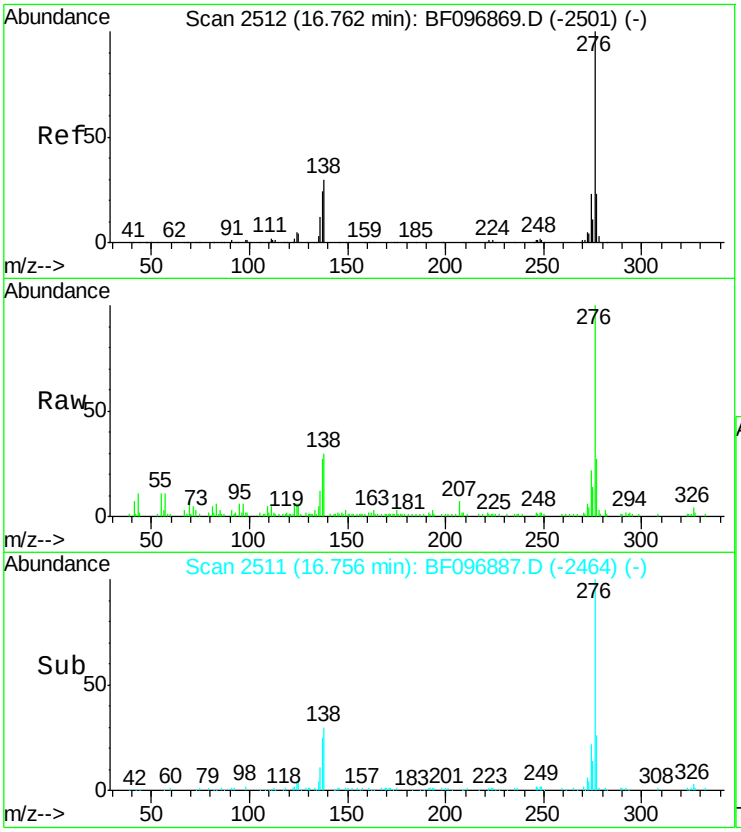


#90
Dibenzo(a,h)anthracene
Concen: 3.01 ng
RT: 16.57 min Scan# 2480
Delta R.T. 0.17 min
Lab File: BF096887.D
Acq: 19 Jul 2017 23:16

Tgt Ion:278 Resp: 21360

Ion	Ratio	Lower	Upper
278	100		
139	23.3	16.6	24.8
279	25.2	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 10.81 ng
RT: 16.76 min Scan# 2511
Delta R.T. -0.02 min
Lab File: BF096887.D
Acq: 19 Jul 2017 23:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 82035

Ion	Ratio	Lower	Upper
276	100		
277	27.2	18.6	28.0
138	30.5	25.4	38.0