Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061016\
Data File : BF087876.D
Acq On : 10 Jun 2016 15:58
Operator : UM/SJ
Sample : H3426-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-53

Quant Time: Jun 10 16:31:21 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	205407	20.00	ng		0.13
21) Naphthalene-d8	8.10	136	478048	20.00	ng		-0.02
38) Acenaphthene-d10	9.85	164	208312	20.00	ng		-0.03
63) Phenanthrene-d10	11.32	188	327887	20.00	ng		-0.03
75) Chrysene-d12	13.95	240	263074	20.00	ng		-0.03
86) Perylene-d12	15.36	264	239352	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	444902	37.03	ng		-0.02
7) Phenol-d6	6.44	99	567445	38.97	ng		-0.03
23) Nitrobenzene-d5	7.37	82	280160	34.22	ng		-0.05
41) 2,4,6-Tribromophenol	10.63	330	97263	44.22	ng		-0.05
44) 2-Fluorobiphenyl	9.18	172	549001	38.36	ng		-0.03
78) Terphenyl-d14	12.90	244	310663	26.87	ng		-0.05
Target Compounds							Qvalue
10) Phenol	6.46	94	4897	Below Cal			99
19) n-Nitroso-di-n-propylamine	7.37	70	36086	3.87	ng	#	75
45) 1,1'-Biphenyl	9.27	154	780	Below Cal			89
49) Dimethylphthalate	9.56	163	54898	3.64	ng		99
50) 2,6-Dinitrotoluene	9.85	165	26638	7.71	ng	#	40
56) 2,4-Dinitrotoluene	9.85	165	26638	6.00	ng	#	38
57) Fluorene	10.39	166	18923	Below Cal			98
70) Phenanthrene	11.35	178	367421	21.35	ng		99
71) Anthracene	11.39	178	66283	3.82	ng		98
72) Carbazole	11.55	167	38082	2.34	ng		97
74) Fluoranthene	12.54	202	659568	36.32	ng		97
77) Pyrene	12.77	202	527887	27.04	ng		99
80) Benzo(a)anthracene	13.94	228	282149	18.82	ng		99
82) Chrysene	13.98	228	233617	16.56	ng		96
85) Indeno(1,2,3-cd)pyrene	16.72	276	113756	8.68	ng	#	100
87) Benzo(b)fluoranthene	14.96	252	472643	28.33	ng	#	94
88) Benzo(k)fluoranthene	14.96	252	472643	37.56	ng		99
89) Benzo(a)pyrene	15.25	252	164843	12.21	ng		99
90) Dibenzo(a,h)anthracene	16.73	278	32636	2.60	ng		95
91) Benzo(g,h,i)perylene	17.12	276	100475	7.79	ng		100

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

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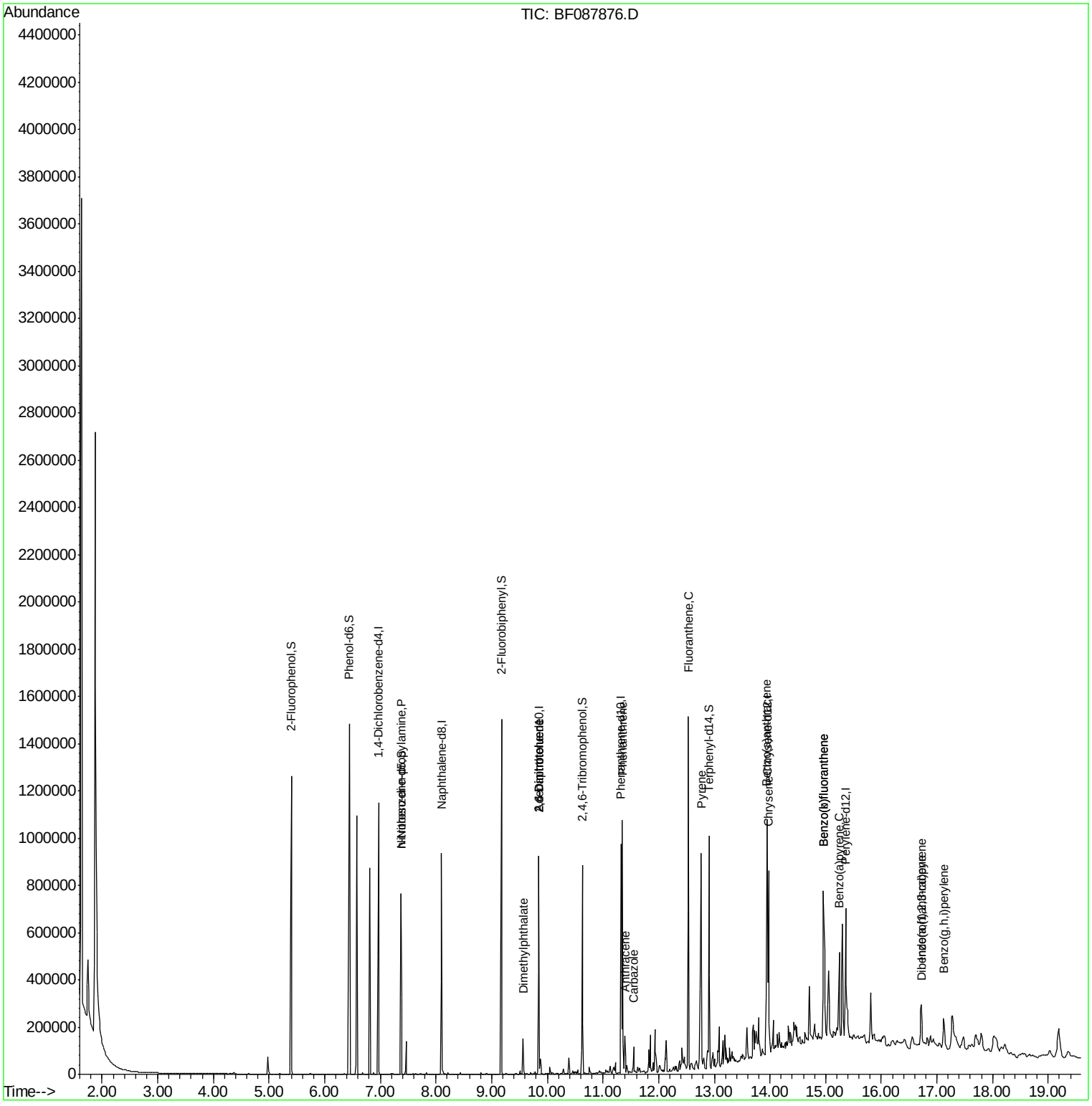
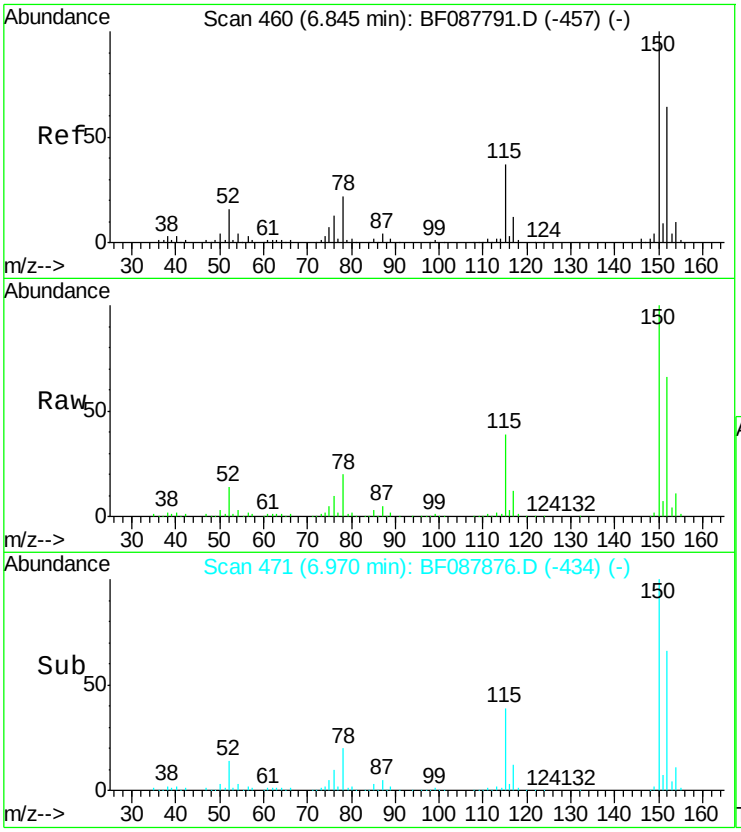


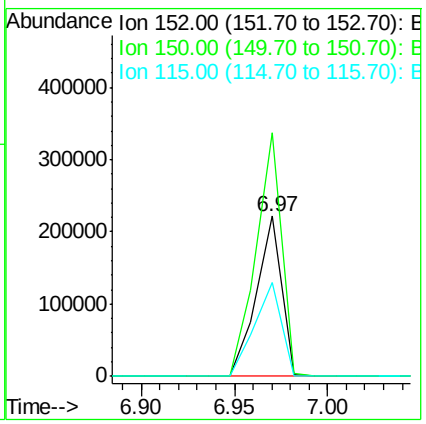


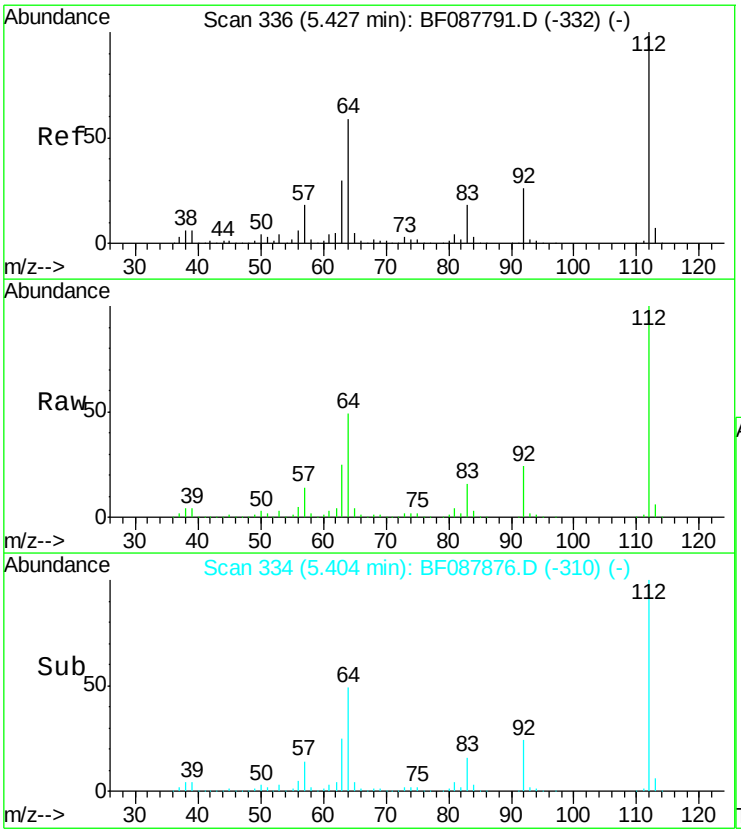
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.13 min
Lab File: BF087876.D
Acq: 10 Jun 2016 15:58

Instrument :
BNA_F
ClientSampleId :
SS-53

Tgt Ion:152 Resp: 205407

Ion	Ratio	Lower	Upper
152	100		
150	151.9	123.8	185.6
115	58.7	39.6	59.4

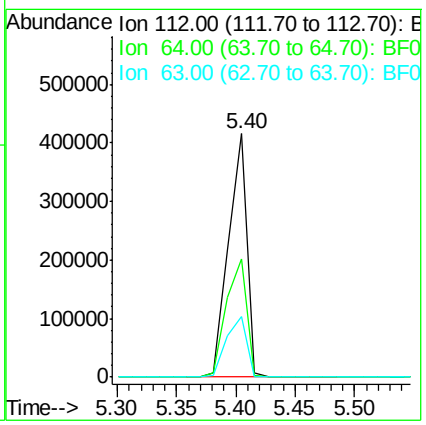


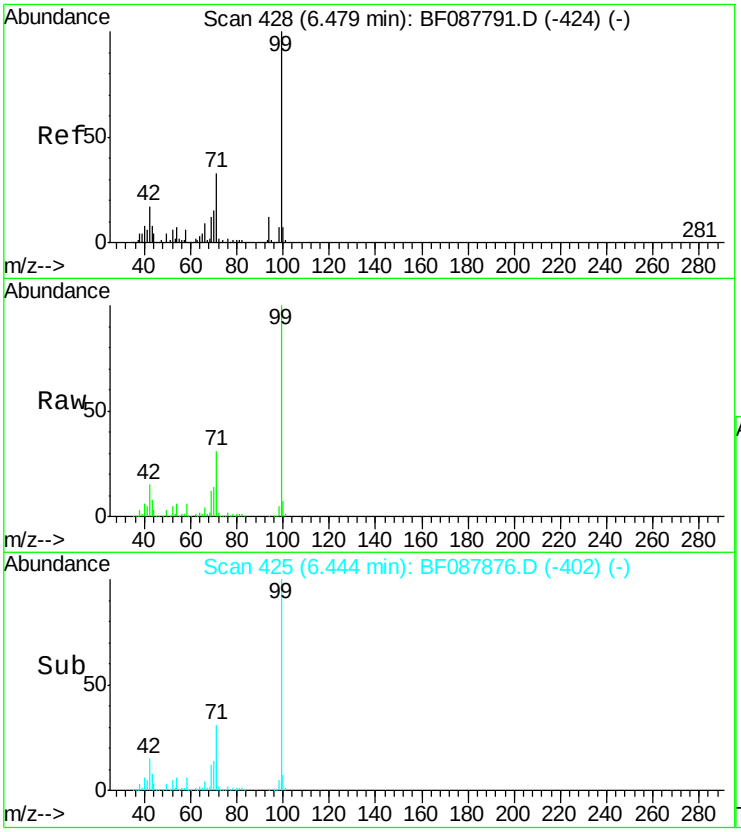


#5
2-Fluorophenol
Concen: 37.03 ng
RT: 5.40 min Scan# 334
Delta R.T. -0.02 min
Lab File: BF087876.D
Acq: 10 Jun 2016 15:58

Tgt Ion:112 Resp: 444902

Ion	Ratio	Lower	Upper
112	100		
64	48.7	42.2	63.2
63	25.1	21.8	32.8



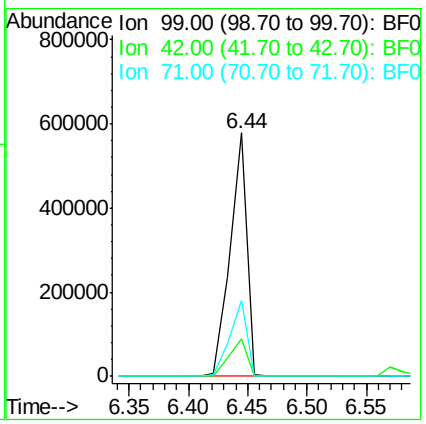


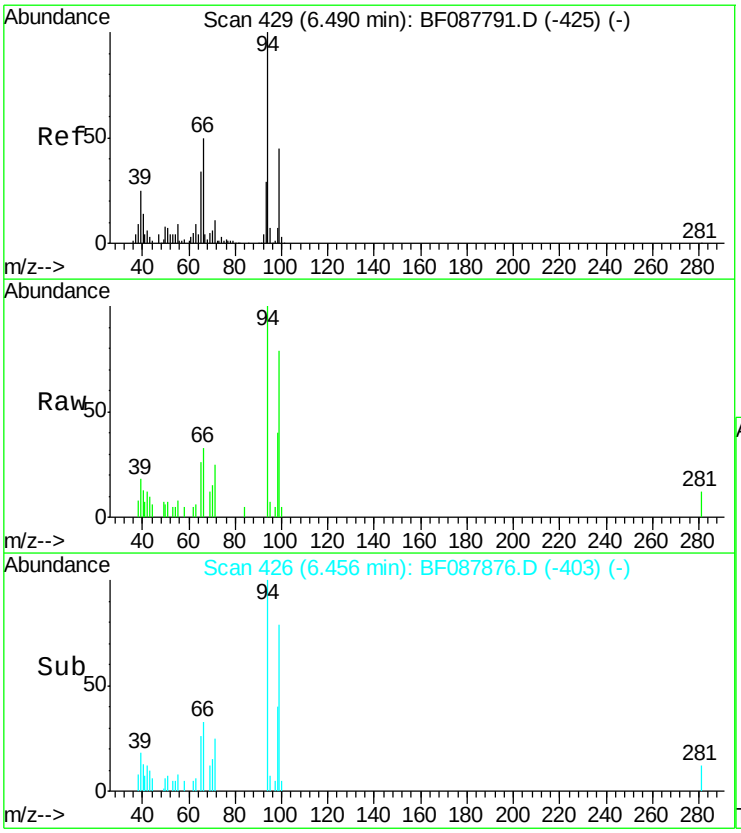
#7
Phenol-d6
Concen: 38.97 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.03 min
Lab File: BF087876.D
Acq: 10 Jun 2016 15:58

Instrument :
BNA_F
ClientSampleId :
SS-53

Tgt Ion: 99 Resp: 567445

Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.2	18.2
71	31.2	23.4	35.0

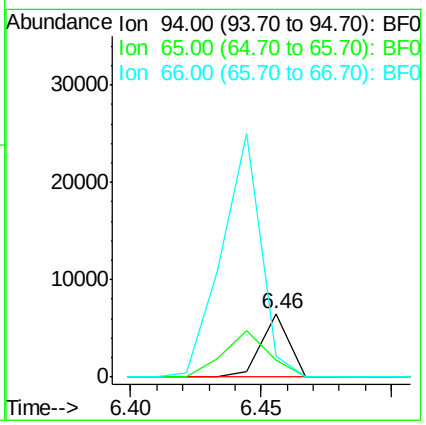


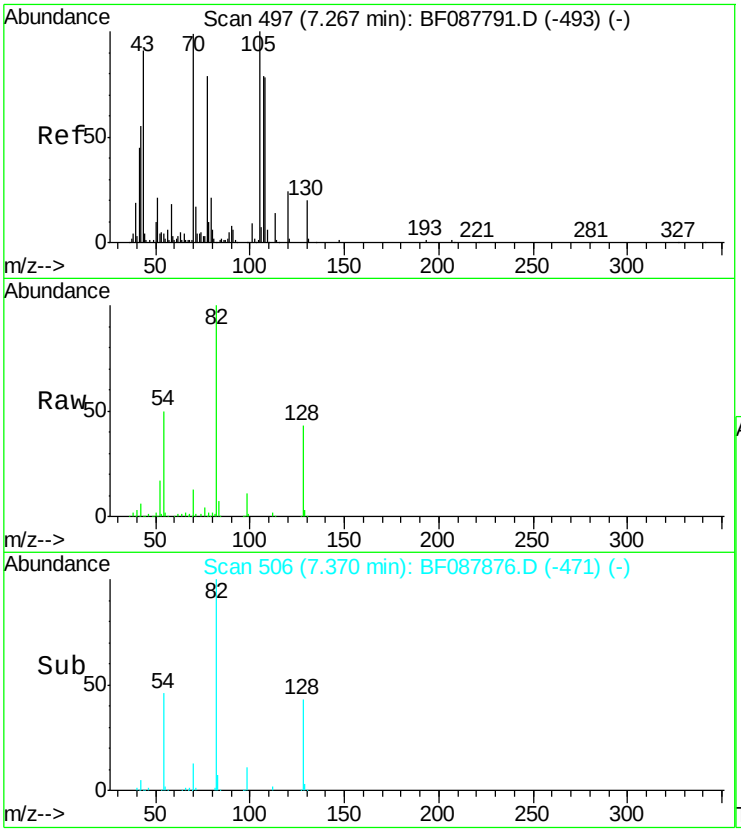


#10
Phenol
Concen: Below Cal
RT: 6.46 min Scan# 426
Delta R.T. -0.03 min
Lab File: BF087876.D
Acq: 10 Jun 2016 15:58

Tgt Ion: 94 Resp: 4897

Ion	Ratio	Lower	Upper
94	100		
65	25.9	5.9	45.9
66	33.4	14.0	54.0



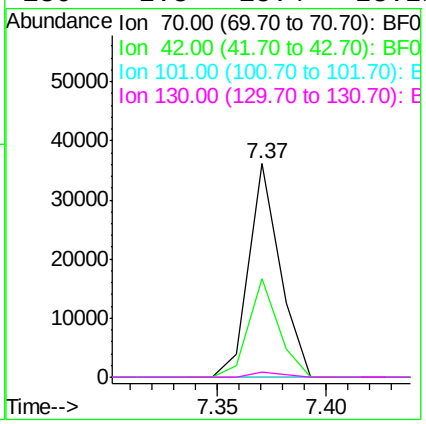


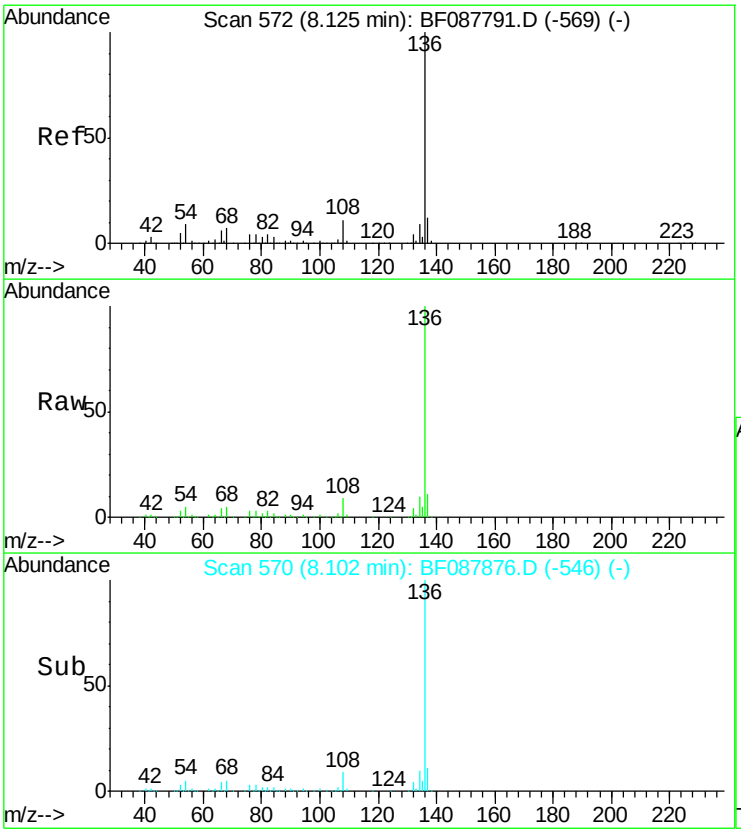
#19
n-Nitroso-di-n-propylamine
Concen: 3.87 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.10 min
Lab File: BF087876.D
Acq: 10 Jun 2016 15:58

Instrument :
BNA_F
ClientSampleId :
SS-53

Tgt Ion: 70 Resp: 36086

Ion	Ratio	Lower	Upper
70	100		
42	46.2	49.6	74.4#
101	0.0	7.1	10.7#
130	2.3	15.4	23.2#

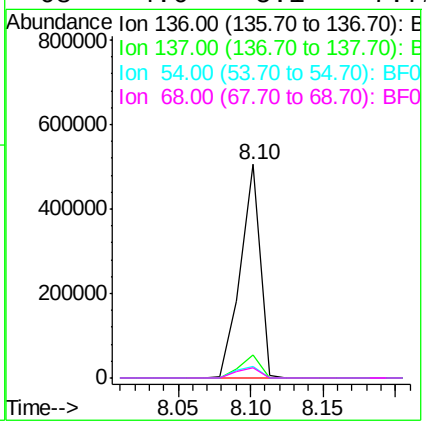


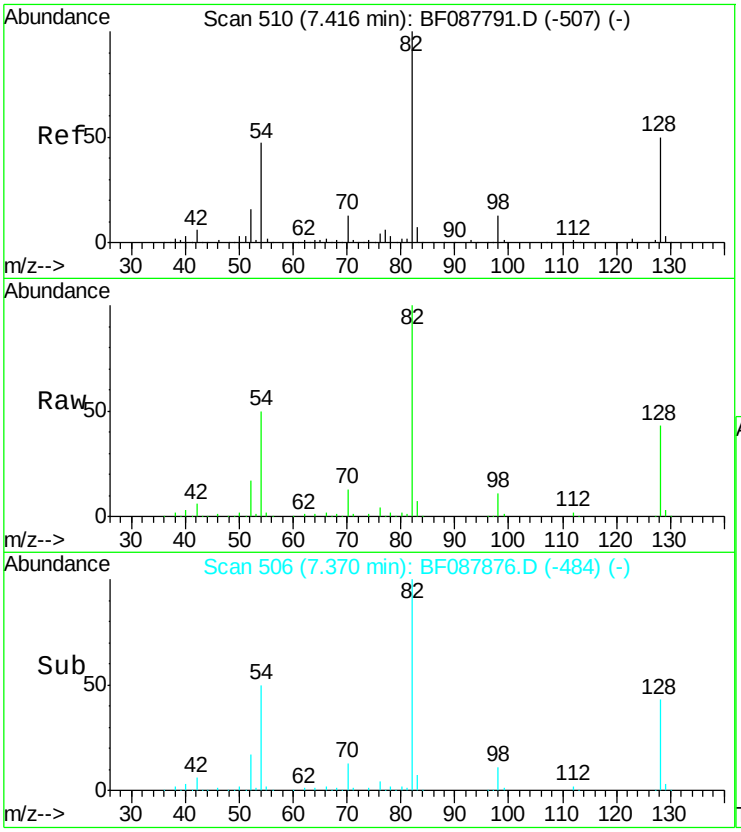


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF087876.D
Acq: 10 Jun 2016 15:58

Tgt Ion:136 Resp: 478048

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	5.4	6.6	10.0#
68	4.6	5.1	7.7#



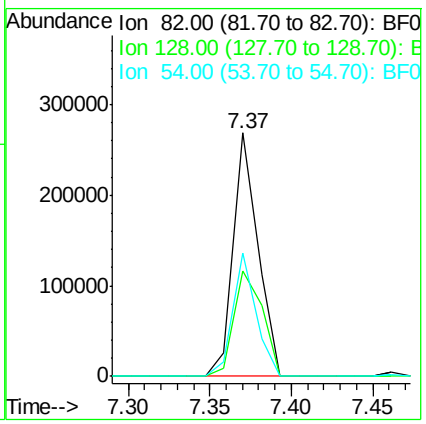


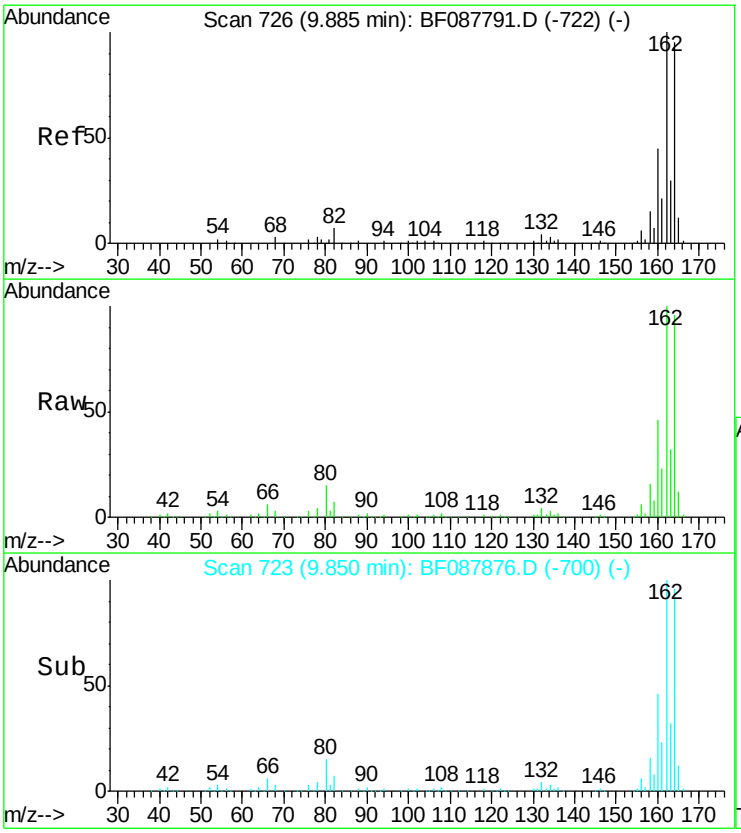
#23
Nitrobenzene-d5
Concen: 34.22 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.05 min
Lab File: BF087876.D
Acq: 10 Jun 2016 15:58

Instrument :
BNA_F
ClientSampleId :
SS-53

Tgt Ion: 82 Resp: 280160

Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.9	53.9
54	50.5	40.9	61.3

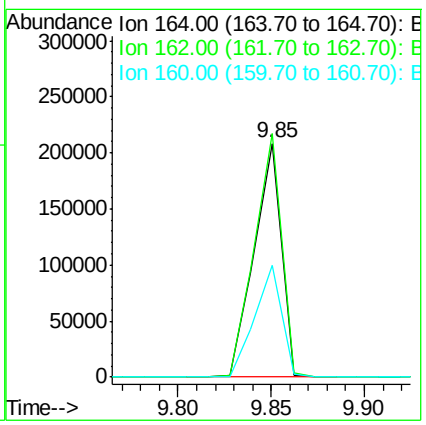


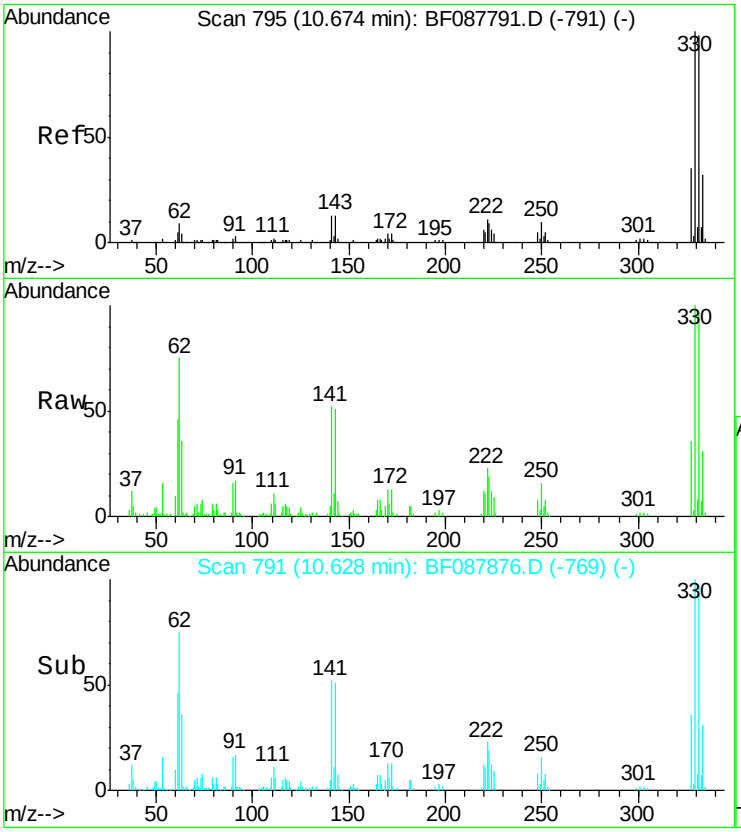


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF087876.D
Acq: 10 Jun 2016 15:58

Tgt Ion:164 Resp: 208312

Ion	Ratio	Lower	Upper
164	100		
162	104.3	85.4	128.2
160	47.8	39.5	59.3



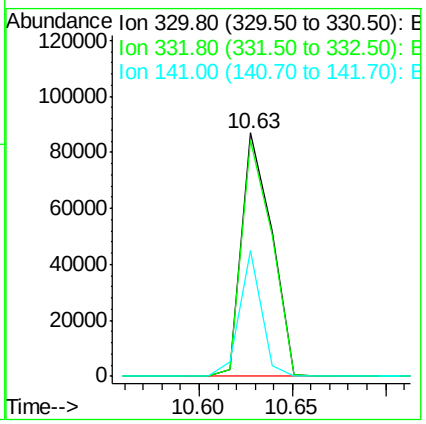


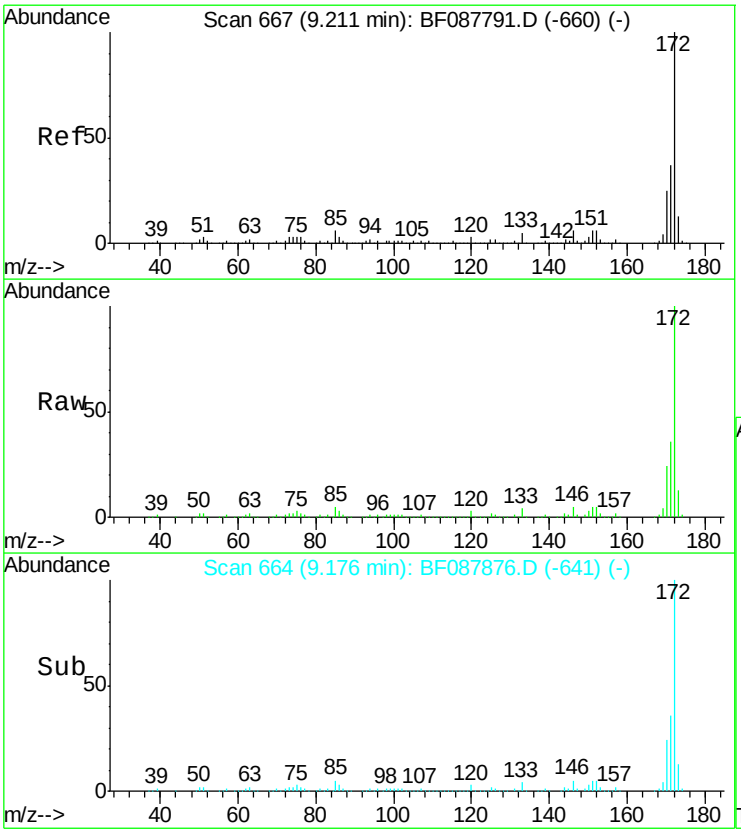
#41
2,4,6-Tribromophenol
Concen: 44.22 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.05 min
Lab File: BF087876.D
Acq: 10 Jun 2016 15:58

Instrument :
BNA_F
ClientSampleId :
SS-53

Tgt Ion:330 Resp: 97263

Ion	Ratio	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	38.0	0.0	0.0#

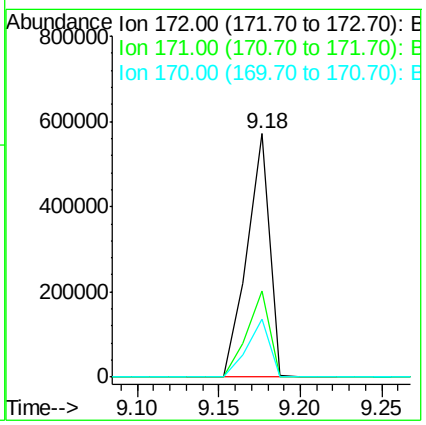


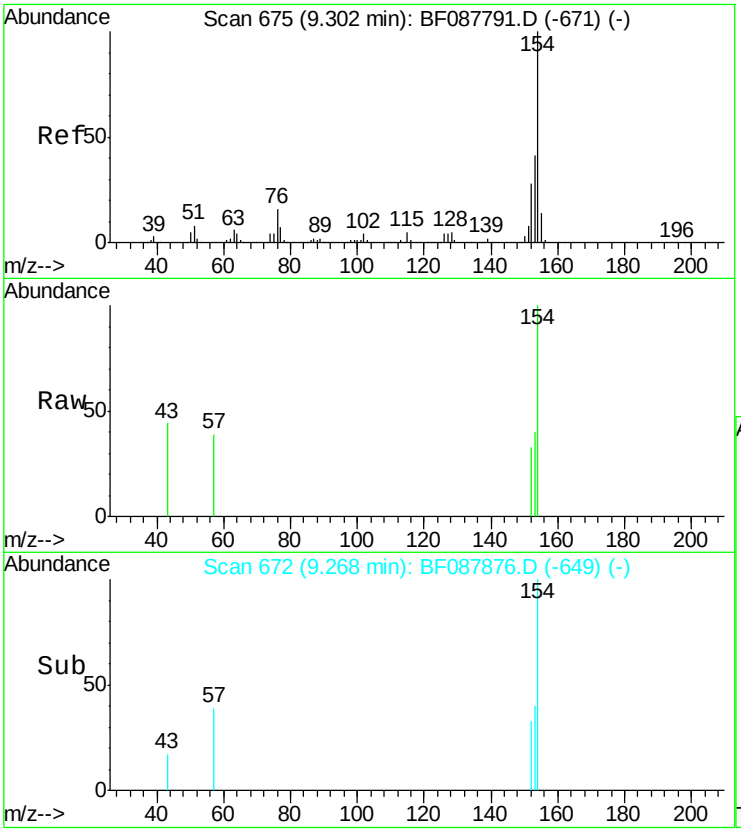


#44
2-Fluorobiphenyl
Concen: 38.36 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF087876.D
Acq: 10 Jun 2016 15:58

Tgt Ion:172 Resp: 549001

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.7	19.2	28.8



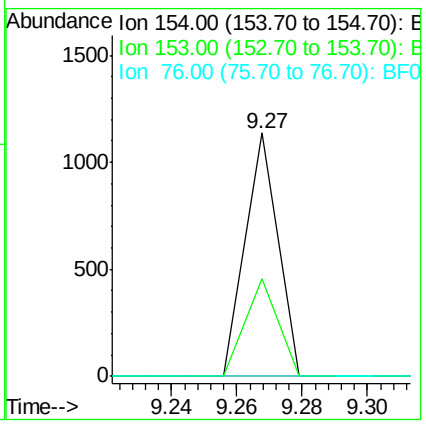


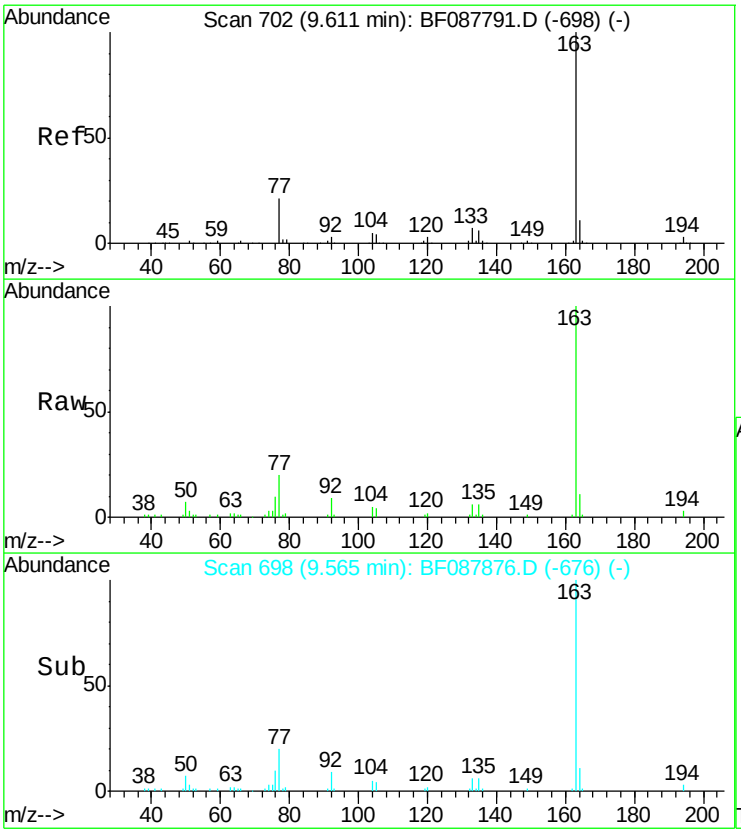
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.27 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF087876.D
Acq: 10 Jun 2016 15:58

Instrument :
BNA_F
ClientSampleId :
SS-53

Tgt Ion:154 Resp: 780

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.6	60.6
76	0.0	0.0	35.1

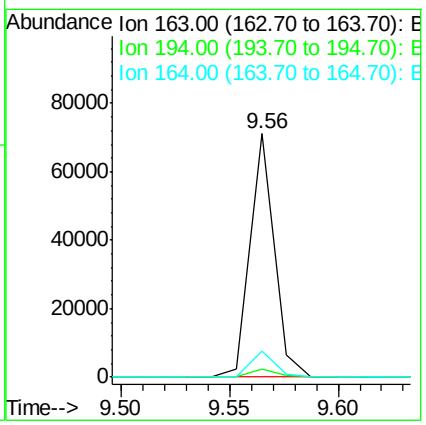


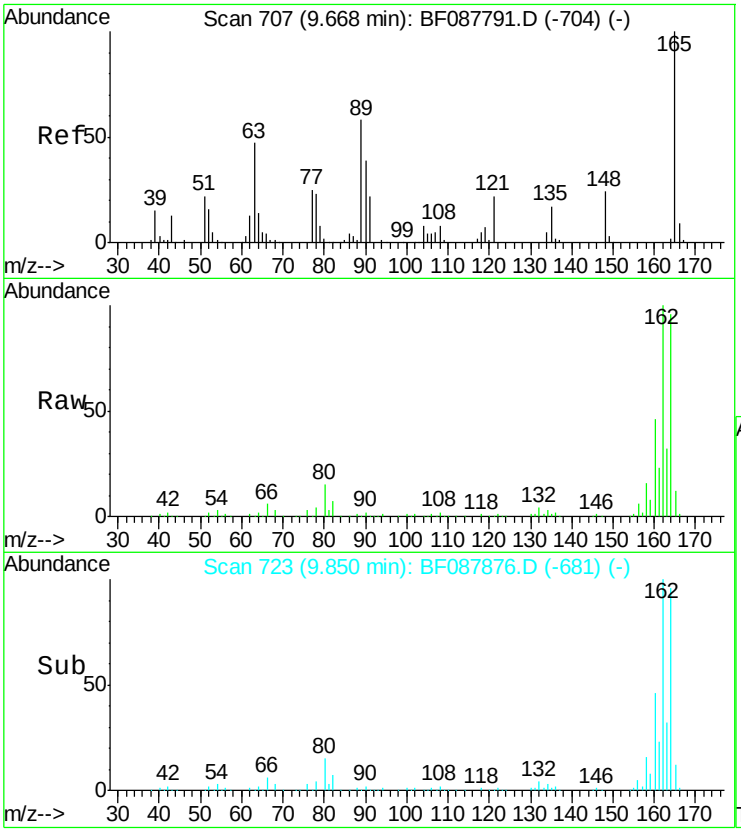


#49
Dimethylphthalate
Concen: 3.64 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.05 min
Lab File: BF087876.D
Acq: 10 Jun 2016 15:58

Tgt Ion:163 Resp: 54898

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.7	8.3	12.5



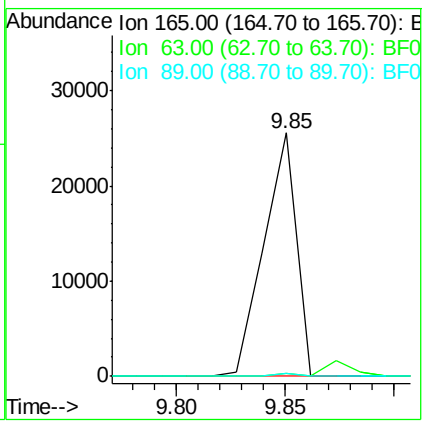


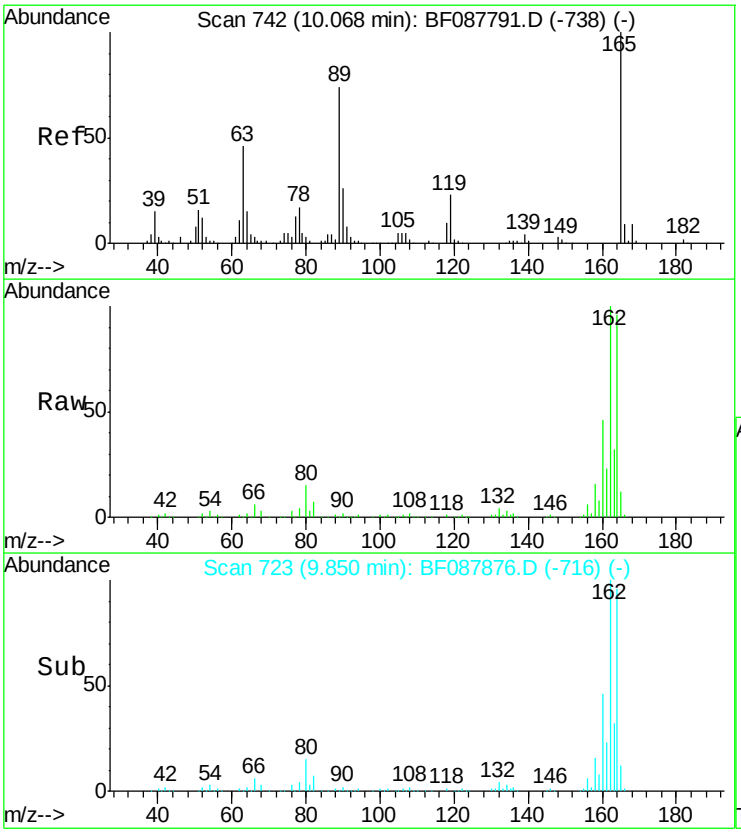
#50
2,6-Dinitrotoluene
Concen: 7.71 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.18 min
Lab File: BF087876.D
Acq: 10 Jun 2016 15:58

Instrument :
BNA_F
ClientSampleId :
SS-53

Tgt Ion:165 Resp: 26638

Ion	Ratio	Lower	Upper
165	100		
63	1.3	28.1	42.1#
89	1.5	32.2	48.2#

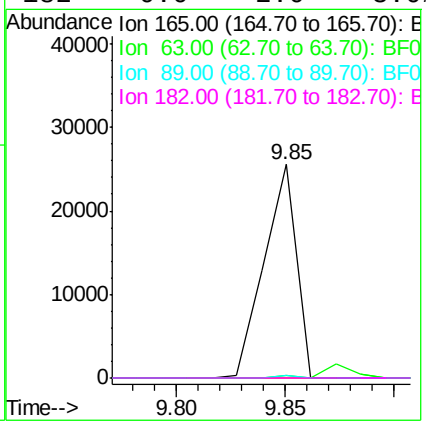


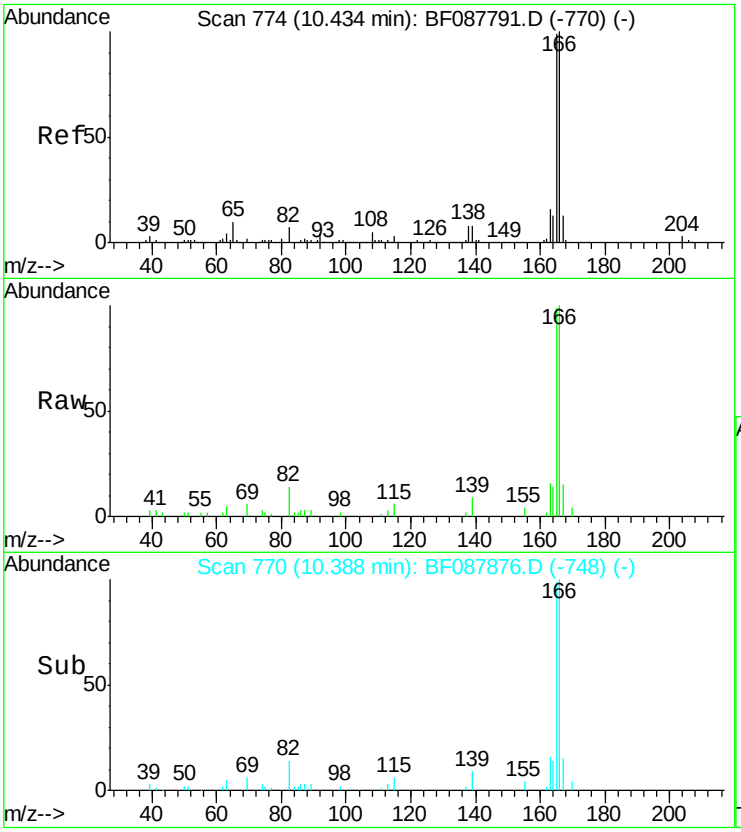


#56
2,4-Dinitrotoluene
Concen: 6.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.22 min
Lab File: BF087876.D
Acq: 10 Jun 2016 15:58

Tgt Ion:165 Resp: 26638

Ion	Ratio	Lower	Upper
165	100		
63	1.3	22.0	33.0#
89	1.5	41.1	61.7#
182	0.0	2.0	3.0#



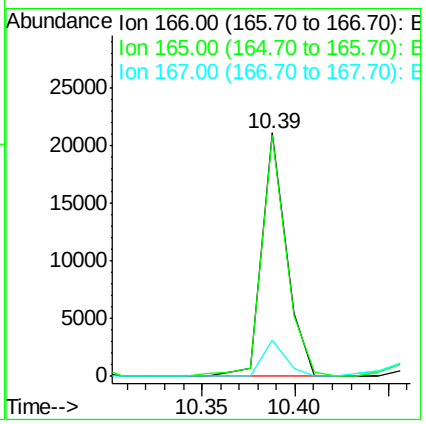


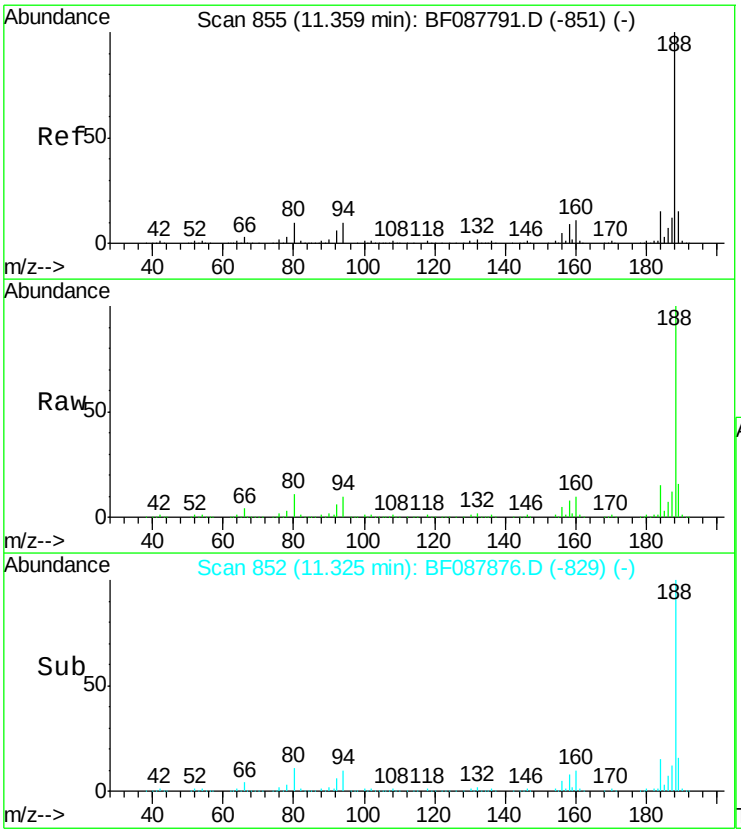
#57
Fluorene
Concen: Below Cal
RT: 10.39 min Scan# 770
Delta R.T. -0.05 min
Lab File: BF087876.D
Acq: 10 Jun 2016 15:58

Instrument :
BNA_F
ClientSampleId :
SS-53

Tgt Ion:166 Resp: 18923

Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.8	116.8
167	14.8	11.2	16.8

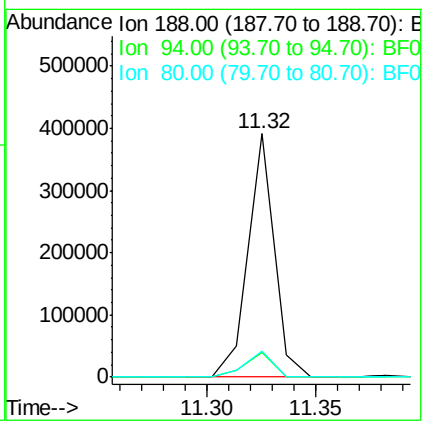


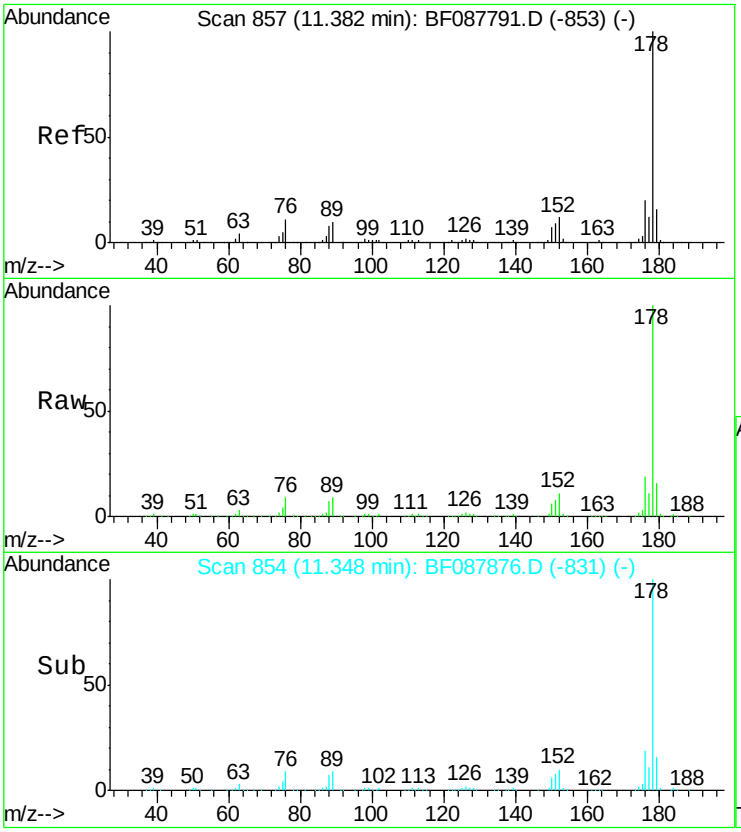


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087876.D
Acq: 10 Jun 2016 15:58

Tgt Ion:188 Resp: 327887

Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.0	13.6
80	10.5	10.0	15.0



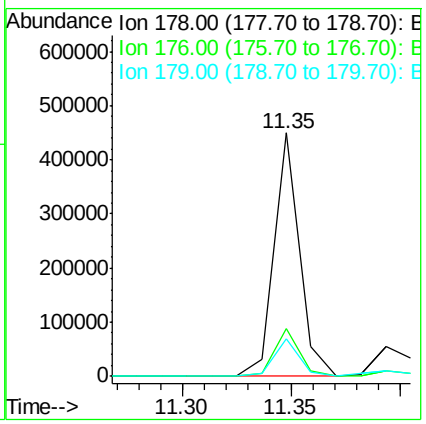


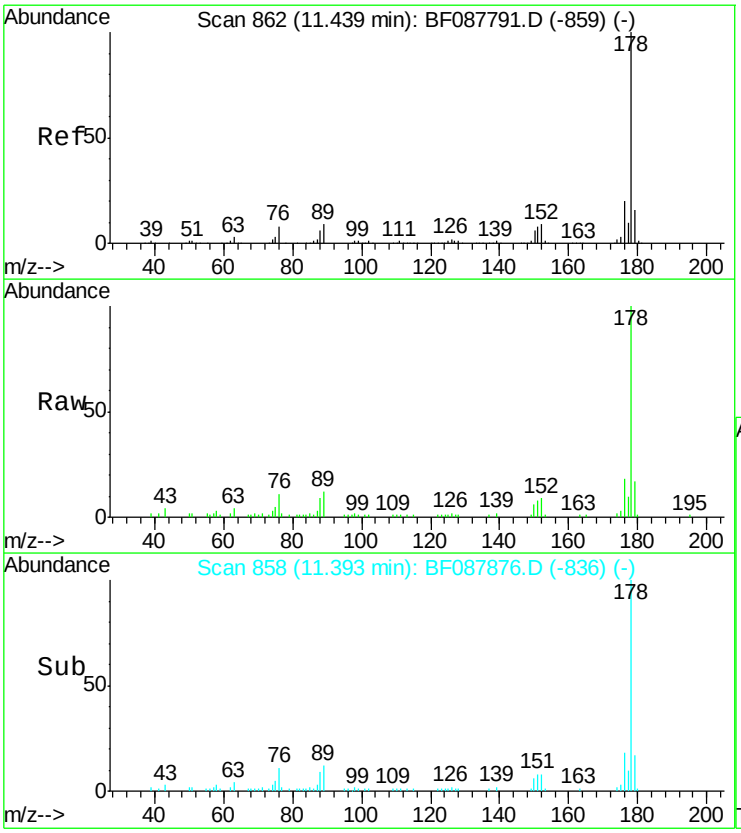
#70
Phenanthrene
Concen: 21.35 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.03 min
Lab File: BF087876.D
Acq: 10 Jun 2016 15:58

Instrument :
BNA_F
ClientSampleId :
SS-53

Tgt Ion:178 Resp: 367421

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.6
179	15.5	13.0	19.4

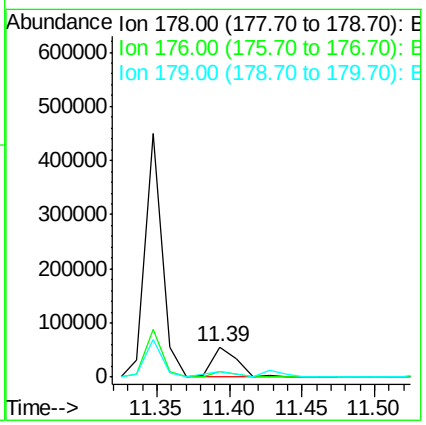


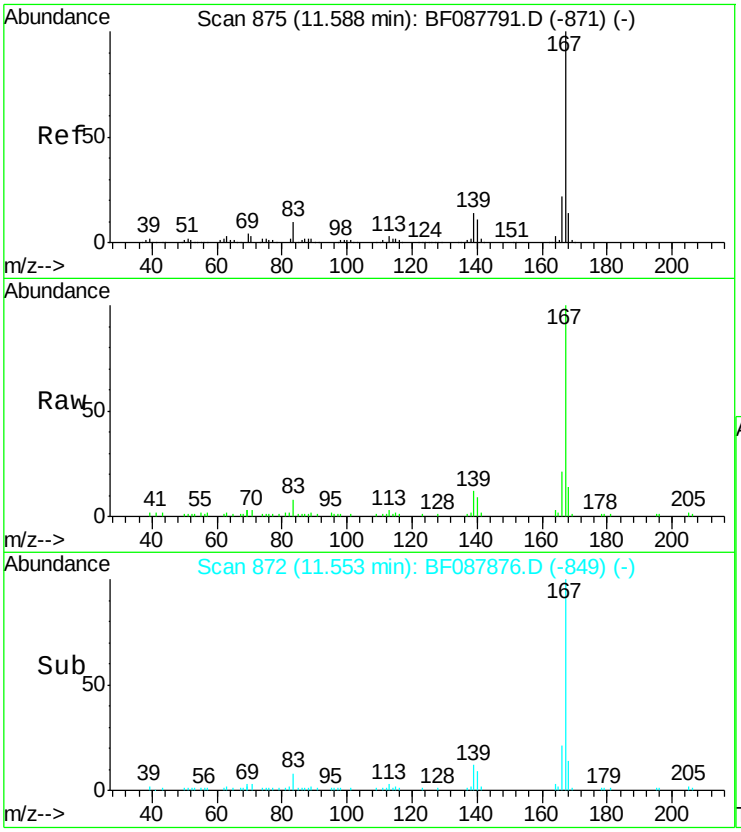


#71
Anthracene
Concen: 3.82 ng
RT: 11.39 min Scan# 858
Delta R.T. -0.05 min
Lab File: BF087876.D
Acq: 10 Jun 2016 15:58

Tgt Ion:178 Resp: 66283

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.6	23.4
179	16.8	12.8	19.2



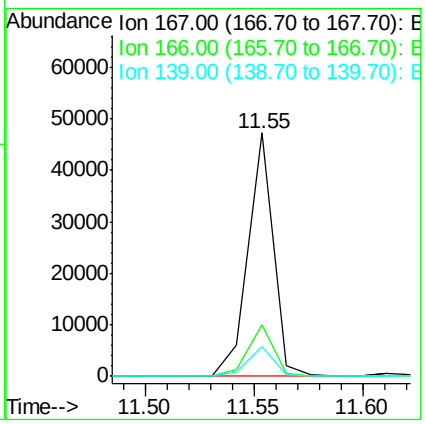


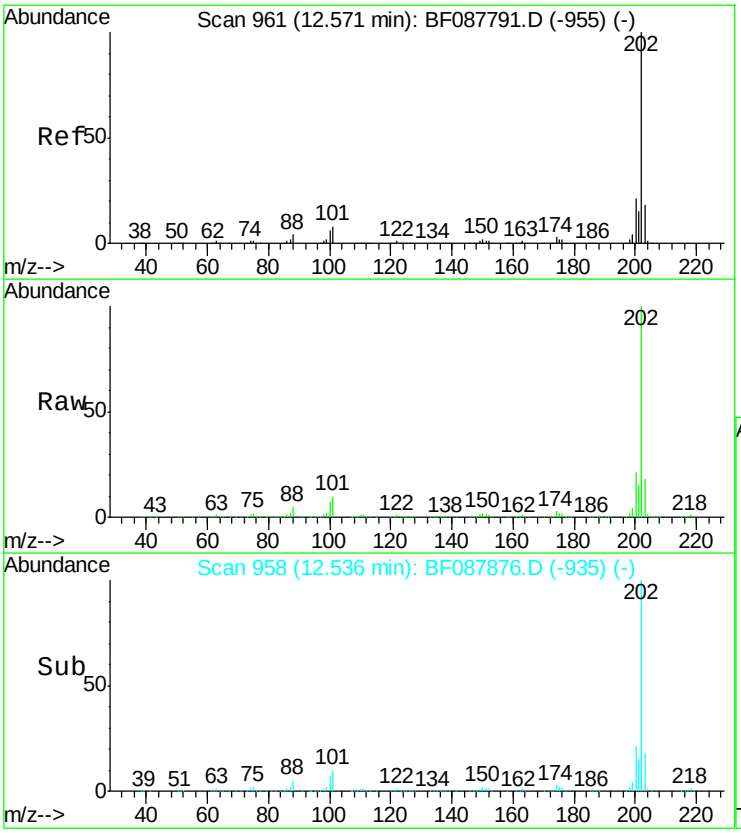
#72
Carbazole
Concen: 2.34 ng
RT: 11.55 min Scan# 872
Delta R.T. -0.03 min
Lab File: BF087876.D
Acq: 10 Jun 2016 15:58

Instrument :
BNA_F
ClientSampleId :
SS-53

Tgt Ion:167 Resp: 38082

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.8	26.6
139	12.3	11.2	16.8

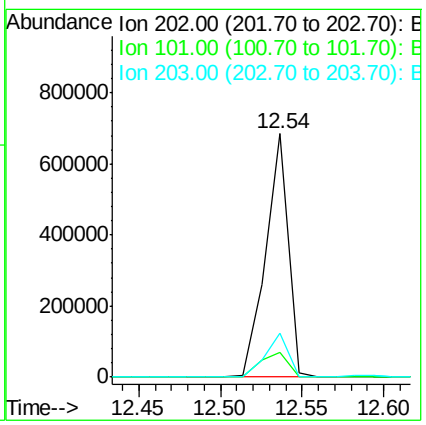


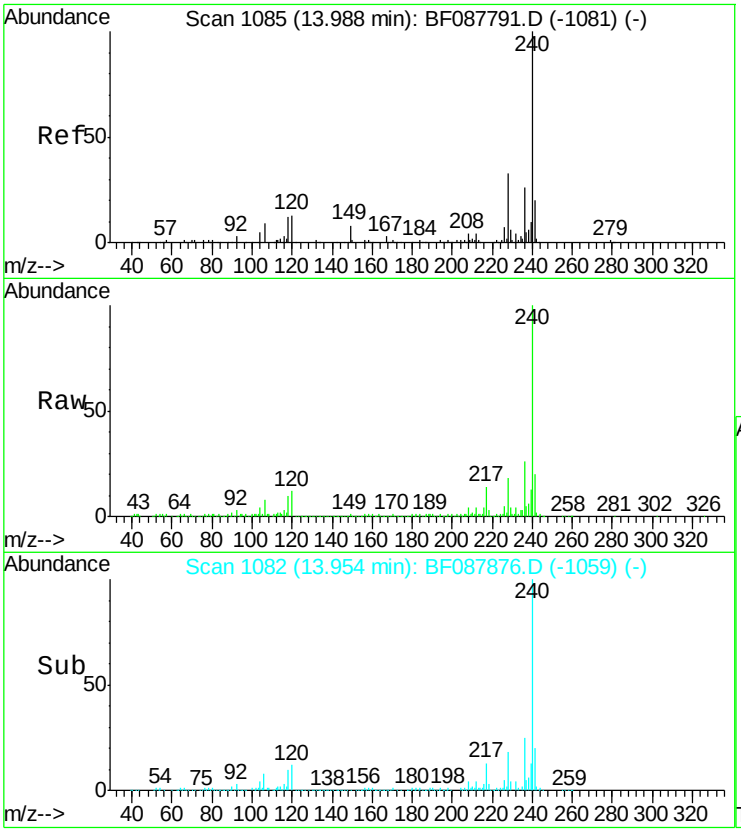


#74
Fluoranthene
Concen: 36.32 ng
RT: 12.54 min Scan# 958
Delta R.T. -0.03 min
Lab File: BF087876.D
Acq: 10 Jun 2016 15:58

Tgt Ion:202 Resp: 659568

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	33.1
203	17.9	0.0	38.1



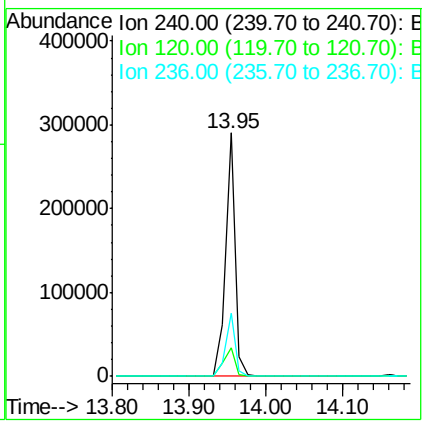


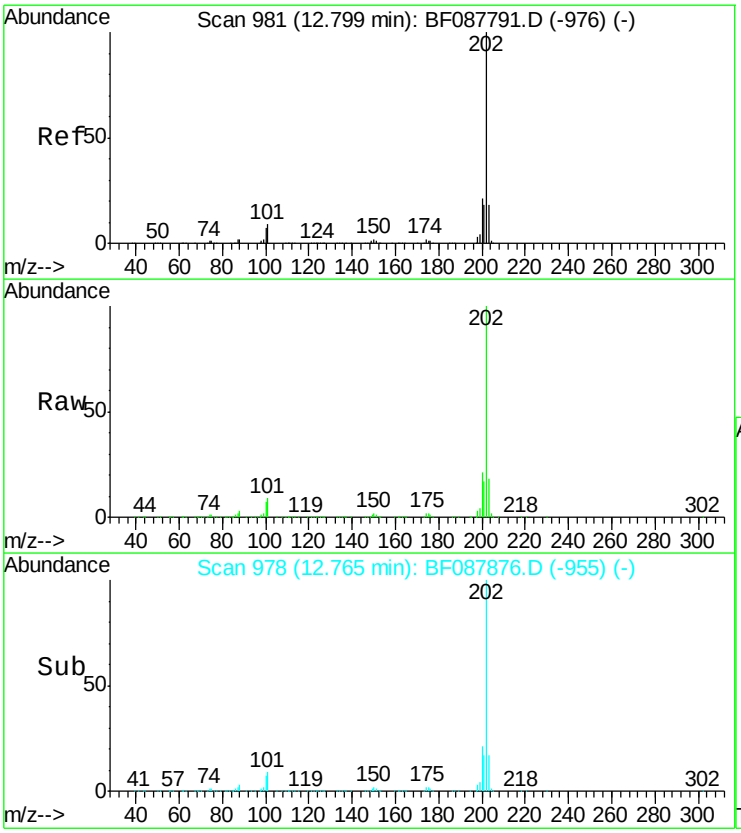
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087876.D
Acq: 10 Jun 2016 15:58

Instrument :
BNA_F
ClientSampleId :
SS-53

Tgt Ion:240 Resp: 263074

Ion	Ratio	Lower	Upper
240	100		
120	11.6	6.8	10.2#
236	25.7	20.2	30.2

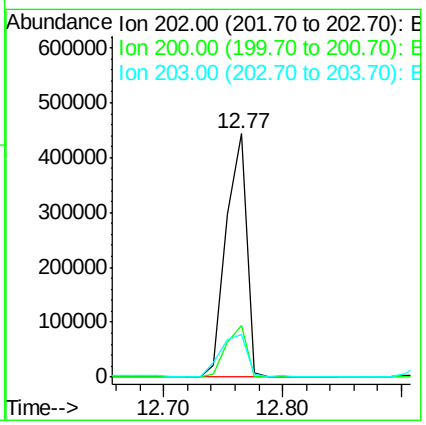


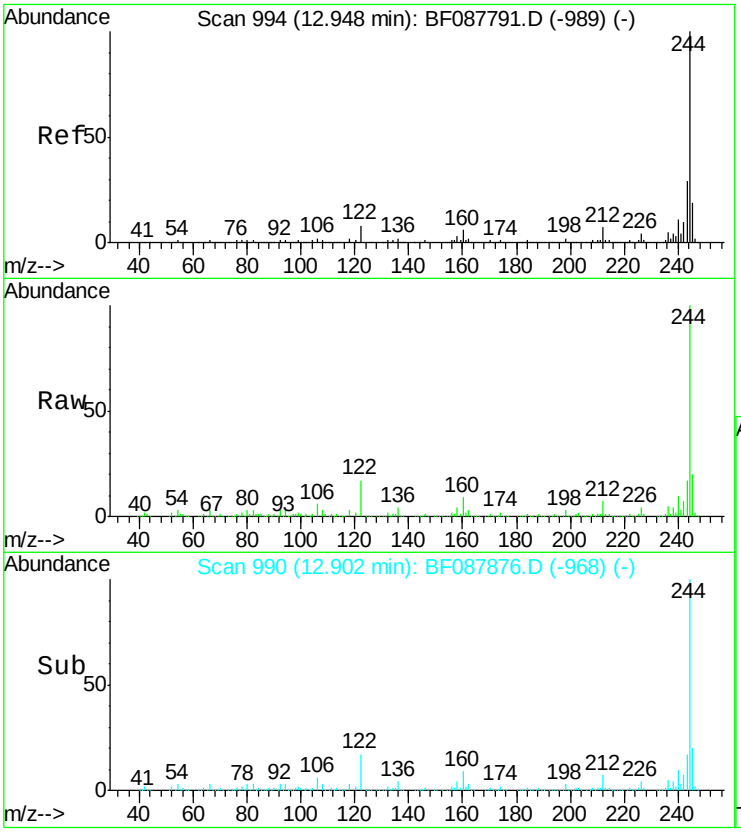


#77
Pyrene
Concen: 27.04 ng
RT: 12.77 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF087876.D
Acq: 10 Jun 2016 15:58

Tgt Ion:202 Resp: 527887

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.7	14.5	21.7



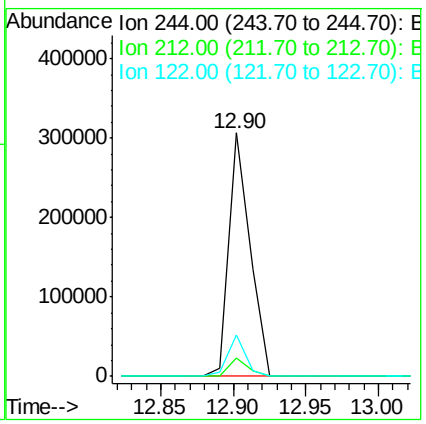


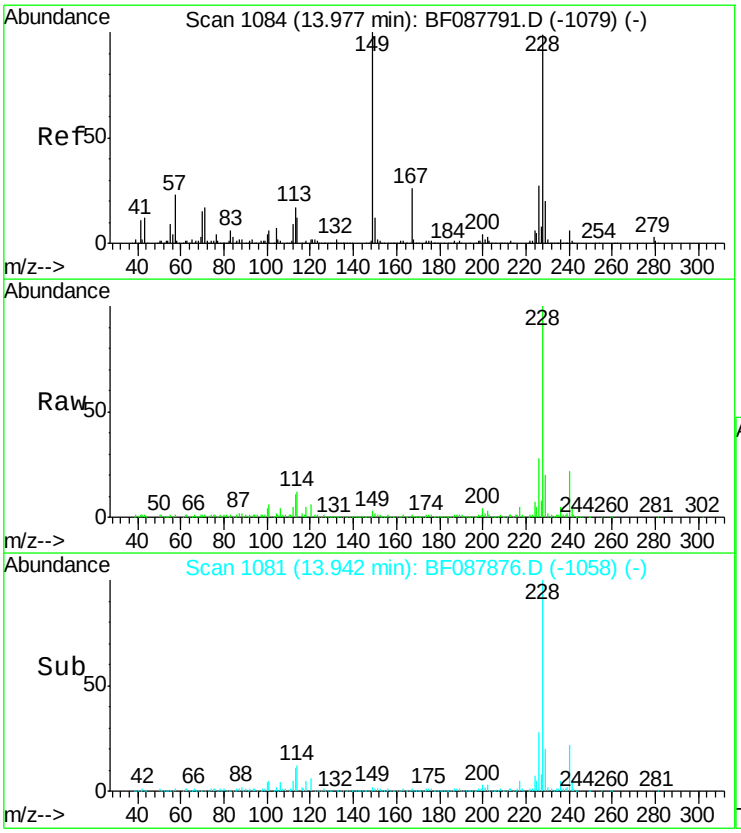
#78
Terphenyl-d14
Concen: 26.87 ng
RT: 12.90 min Scan# 990
Delta R.T. -0.05 min
Lab File: BF087876.D
Acq: 10 Jun 2016 15:58

Instrument :
BNA_F
ClientSampleId :
SS-53

Tgt Ion:244 Resp: 310663

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	16.9	11.2	16.8#

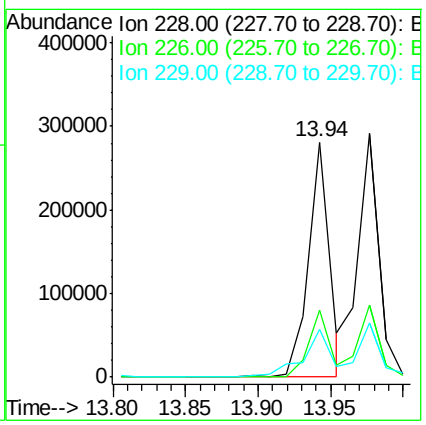


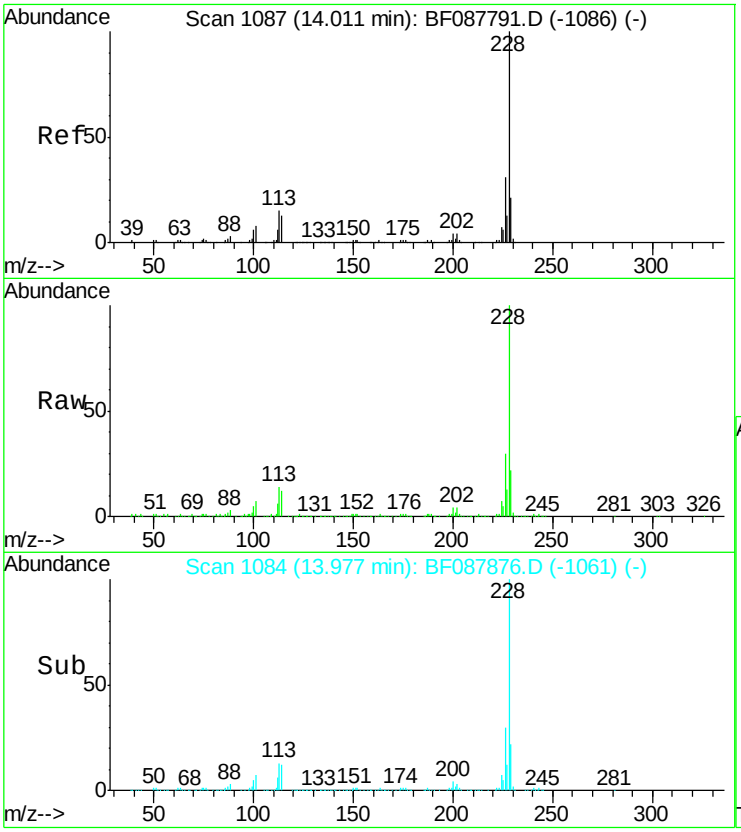


#80
Benzo(a)anthracene
Concen: 18.82 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.03 min
Lab File: BF087876.D
Acq: 10 Jun 2016 15:58

Tgt Ion:228 Resp: 282149

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.3	33.5
229	20.3	16.0	24.0



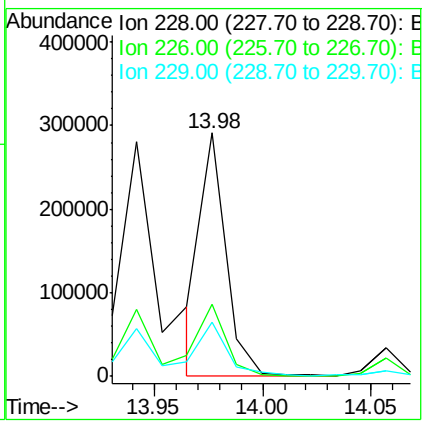


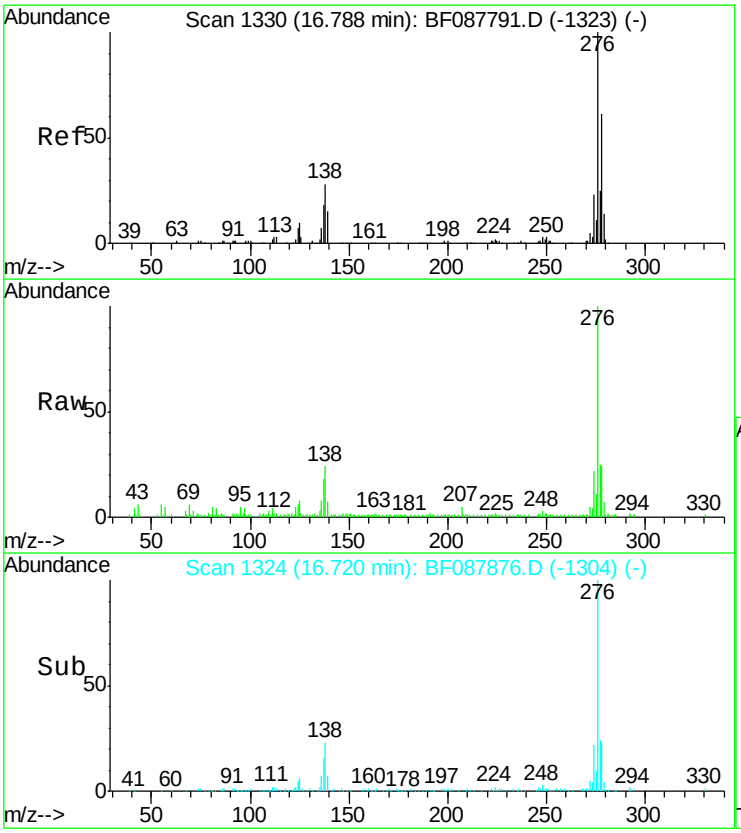
#82
Chrysene
Concen: 16.56 ng
RT: 13.98 min Scan# 1084
Delta R.T. -0.03 min
Lab File: BF087876.D
Acq: 10 Jun 2016 15:58

Instrument :
BNA_F
ClientSampleId :
SS-53

Tgt Ion:228 Resp: 233617

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.4	38.2
229	22.0	16.3	24.5

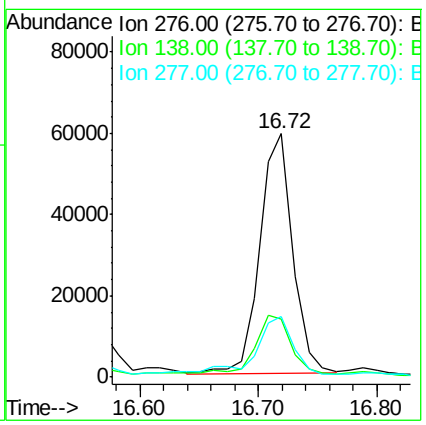


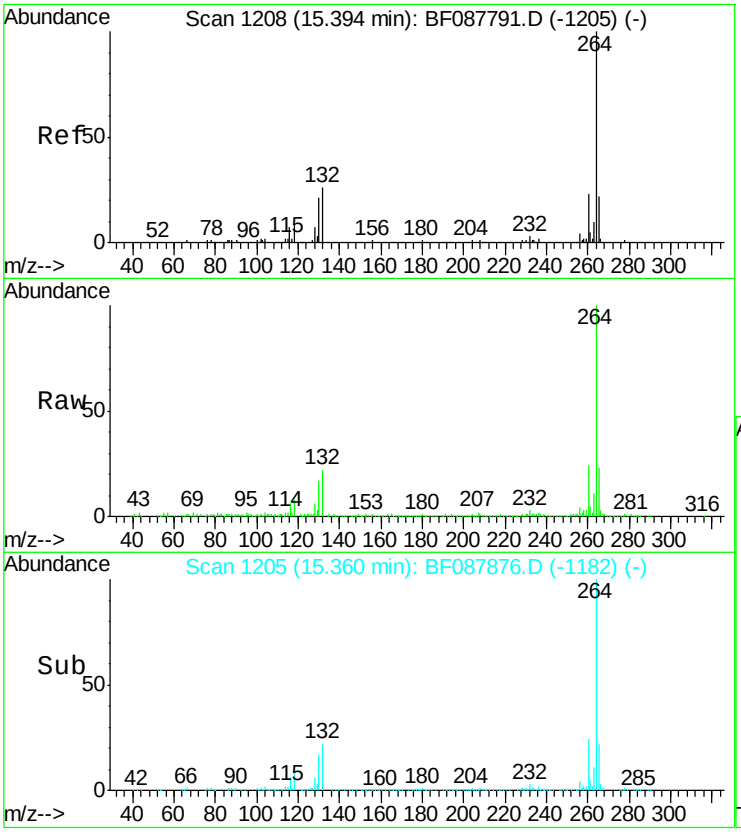


#85
Indeno(1,2,3-cd)pyrene
Concen: 8.68 ng
RT: 16.72 min Scan# 1324
Delta R.T. -0.07 min
Lab File: BF087876.D
Acq: 10 Jun 2016 15:58

Tgt Ion:276 Resp: 113756

Ion	Ratio	Lower	Upper
276	100		
138	29.8	0.0	0.0#
277	30.6	0.0	0.0#



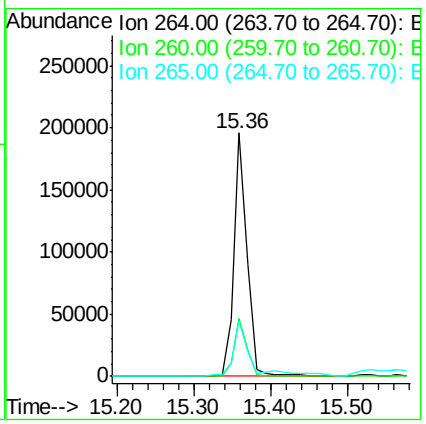


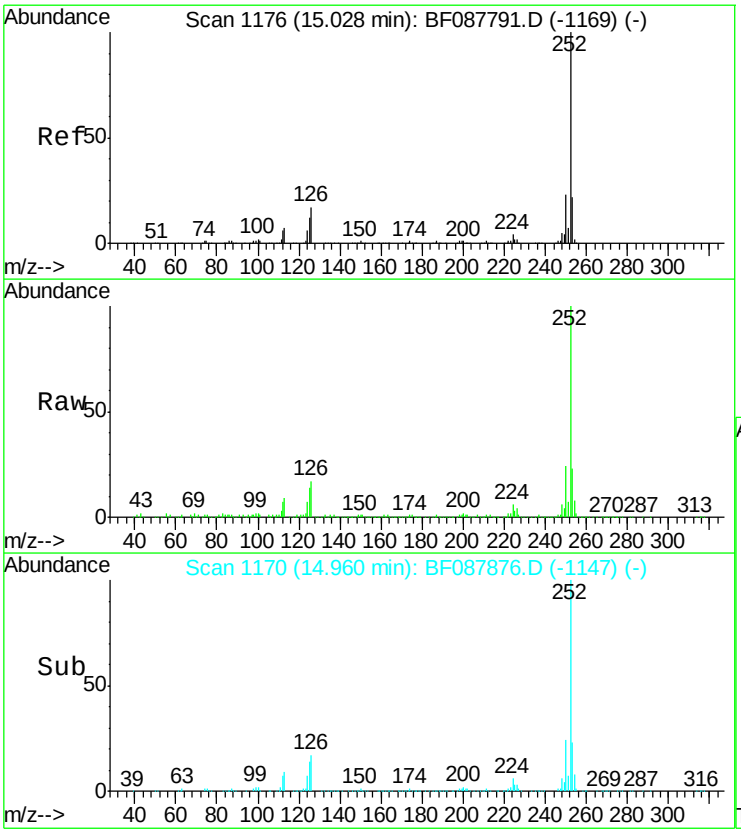
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF087876.D
Acq: 10 Jun 2016 15:58

Instrument :
BNA_F
ClientSampleId :
SS-53

Tgt Ion:264 Resp: 239352

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.6	16.9	25.3

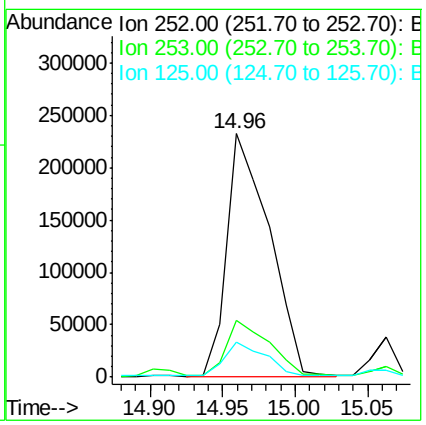


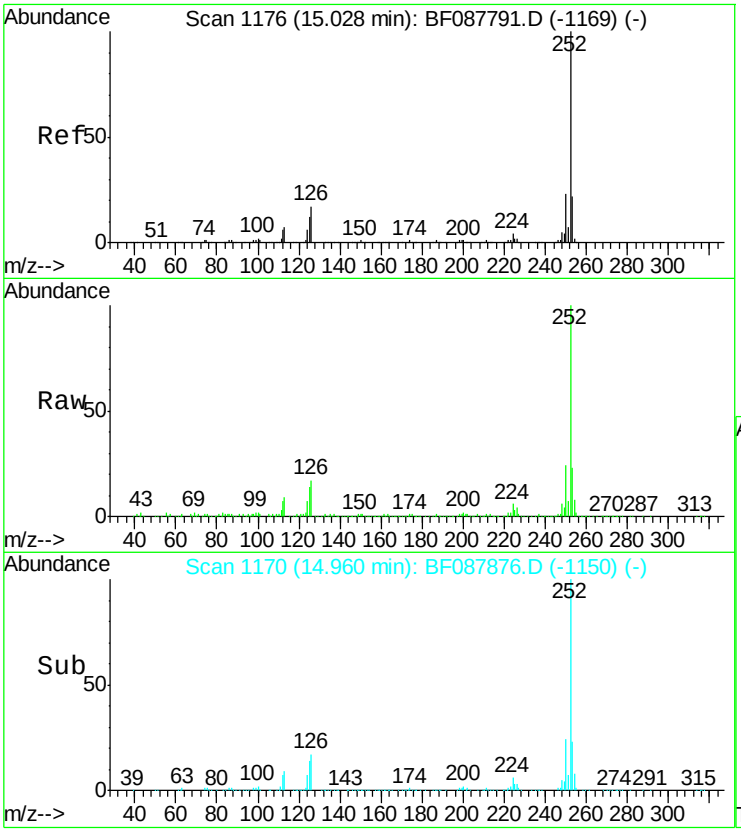


#87
Benzo(b)fluoranthene
Concen: 28.33 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.03 min
Lab File: BF087876.D
Acq: 10 Jun 2016 15:58

Tgt Ion:252 Resp: 472643

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	14.2	7.1	10.7#



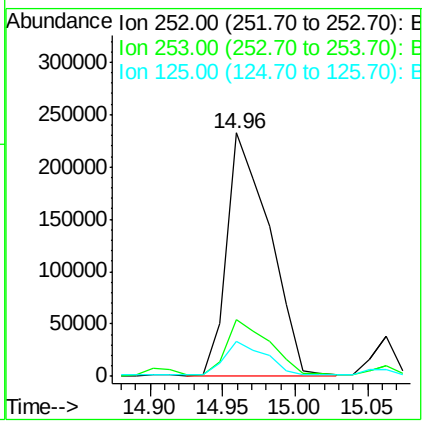


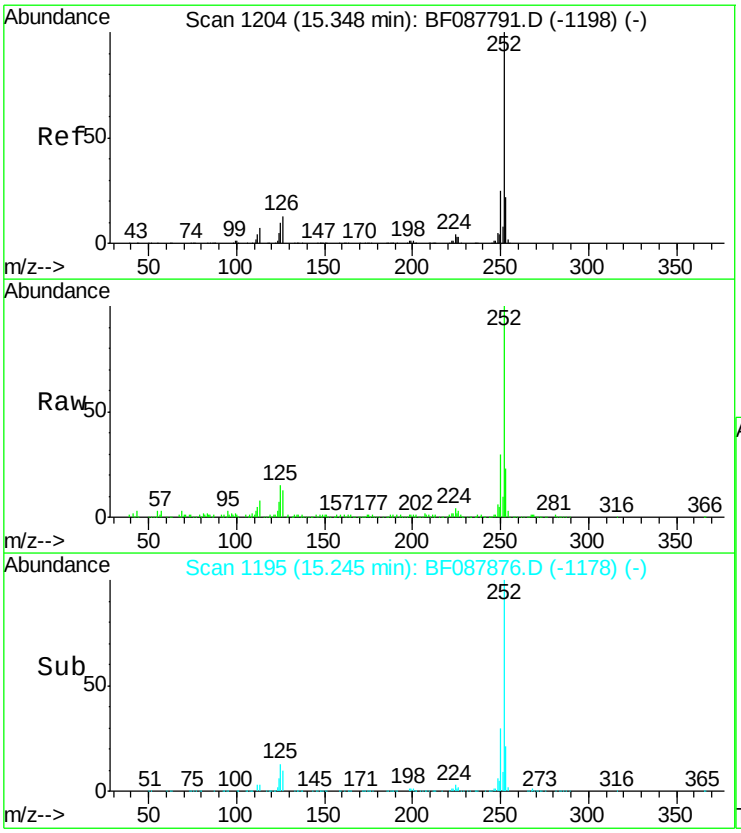
#88
Benzo(k)fluoranthene
Concen: 37.56 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.07 min
Lab File: BF087876.D
Acq: 10 Jun 2016 15:58

Instrument :
BNA_F
ClientSampleId :
SS-53

Tgt Ion:252 Resp: 472643

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	14.2	11.2	16.8

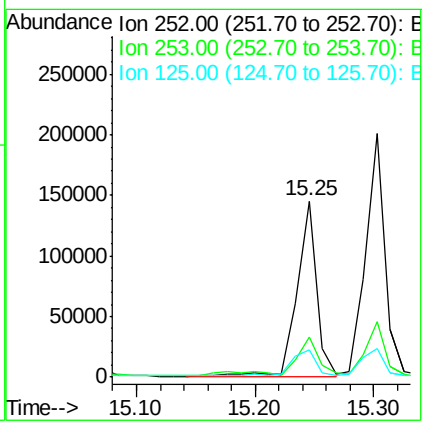


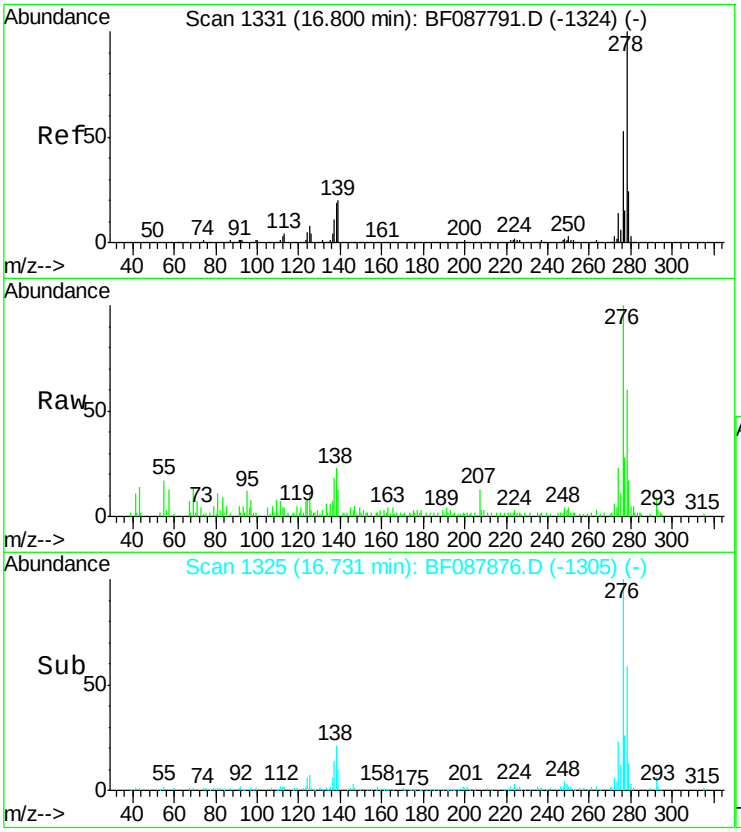


#89
Benzo(a)pyrene
Concen: 12.21 ng
RT: 15.25 min Scan# 1195
Delta R.T. -0.10 min
Lab File: BF087876.D
Acq: 10 Jun 2016 15:58

Tgt Ion:252 Resp: 164843

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	15.4	12.5	18.7



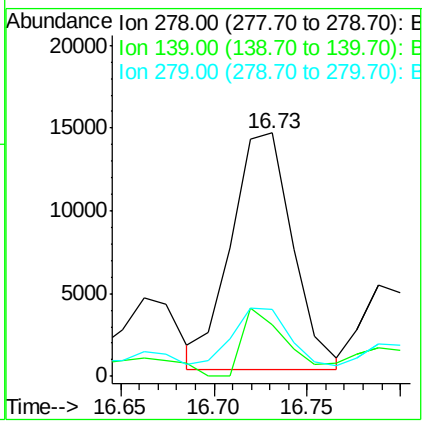


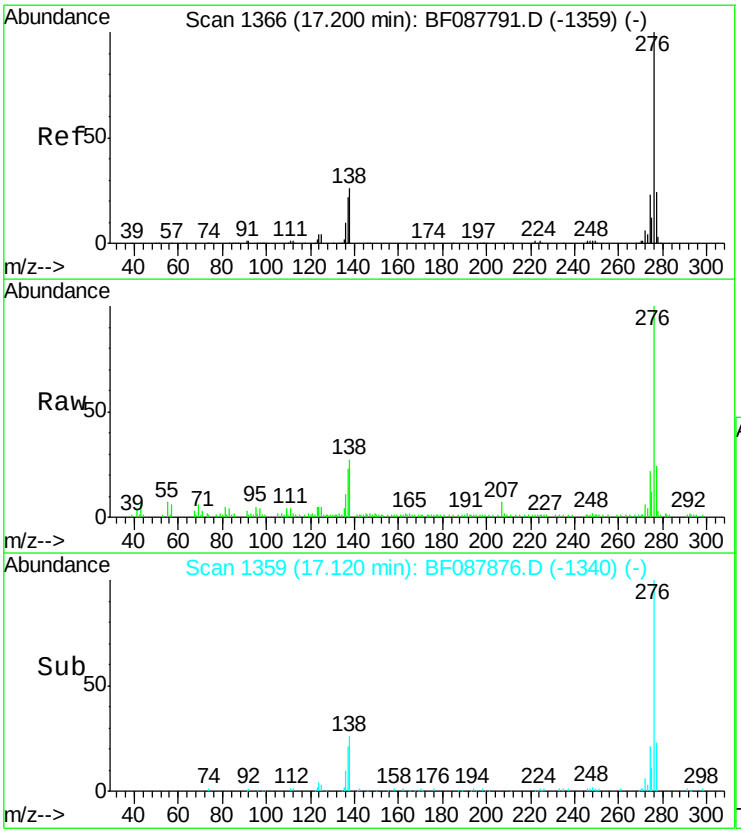
#90
Dibenzo(a,h)anthracene
Concen: 2.60 ng
RT: 16.73 min Scan# 1325
Delta R.T. -0.07 min
Lab File: BF087876.D
Acq: 10 Jun 2016 15:58

Instrument :
BNA_F
ClientSampleId :
SS-53

Tgt Ion:278 Resp: 32636

Ion	Ratio	Lower	Upper
278	100		
139	21.2	15.7	23.5
279	27.7	19.4	29.2





#91
Benzo(g,h,i)perylene
Concen: 7.79 ng
RT: 17.12 min Scan# 1359
Delta R.T. -0.08 min
Lab File: BF087876.D
Acq: 10 Jun 2016 15:58

Tgt Ion:276 Resp: 100475

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	26.7	21.4	32.2