Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061016\
Data File : BF087873.D
Acq On : 10 Jun 2016 14:32
Operator : UM/SJ
Sample : H3426-06 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-52

Quant Time: Jun 10 15:42:08 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	159765	20.00	ng		0.13
21) Naphthalene-d8	8.10	136	539797	20.00	ng		-0.02
38) Acenaphthene-d10	9.85	164	227618	20.00	ng		-0.03
63) Phenanthrene-d10	11.32	188	416615	20.00	ng		-0.03
75) Chrysene-d12	13.95	240	290258	20.00	ng		-0.03
86) Perylene-d12	15.36	264	292998	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	301225	32.23	ng		-0.03
7) Phenol-d6	6.44	99	435526	38.45	ng		-0.03
23) Nitrobenzene-d5	7.37	82	225222	24.36	ng		-0.05
41) 2,4,6-Tribromophenol	10.63	330	80263	33.40	ng		-0.05
44) 2-Fluorobiphenyl	9.18	172	495280	30.64	ng		-0.03
78) Terphenyl-d14	12.90	244	331252	25.97	ng		-0.05
Target Compounds							Qvalue
10) Phenol	6.46	94	2532	Below Cal			99
19) n-Nitroso-di-n-propylamine	7.37	70	29232	4.03	ng	#	75
45) 1,1'-Biphenyl	9.27	154	2048	Below Cal			86
49) Dimethylphthalate	9.56	163	43547	2.64	ng		100
50) 2,6-Dinitrotoluene	9.85	165	29929	7.93	ng	#	40
56) 2,4-Dinitrotoluene	9.85	165	29929	6.17	ng	#	38
57) Fluorene	10.39	166	18445	Below Cal			98
70) Phenanthrene	11.35	178	252861	11.57	ng		98
71) Anthracene	11.39	178	62048	2.81	ng		98
74) Fluoranthene	12.52	202	303446	13.15	ng		96
77) Pyrene	12.75	202	278080	12.91	ng		99
80) Benzo(a)anthracene	13.94	228	147905	8.94	ng		99
82) Chrysene	13.94	228	147905	9.50	ng		96
85) Indeno(1,2,3-cd)pyrene	16.71	276	67852	4.69	ng	#	100
87) Benzo(b)fluoranthene	14.96	252	227644	11.15	ng	#	94
88) Benzo(k)fluoranthene	14.96	252	227644	14.78	ng		99
89) Benzo(a)pyrene	15.25	252	84366	5.11	ng		95
91) Benzo(g,h,i)perylene	17.12	276	60721	3.85	ng		99

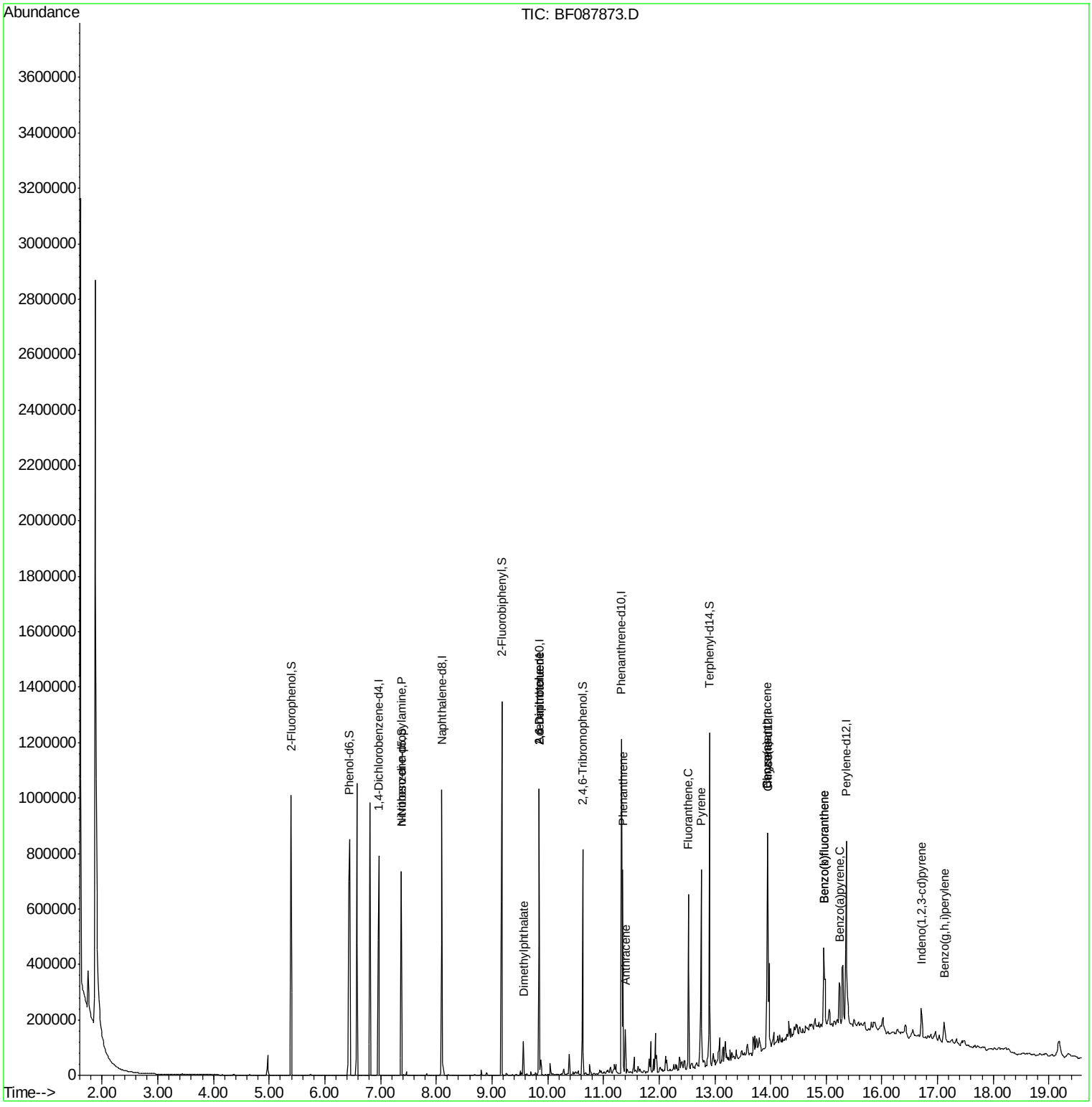
(#) = qualifier out of range (m) = manual integration (+) = signals summed

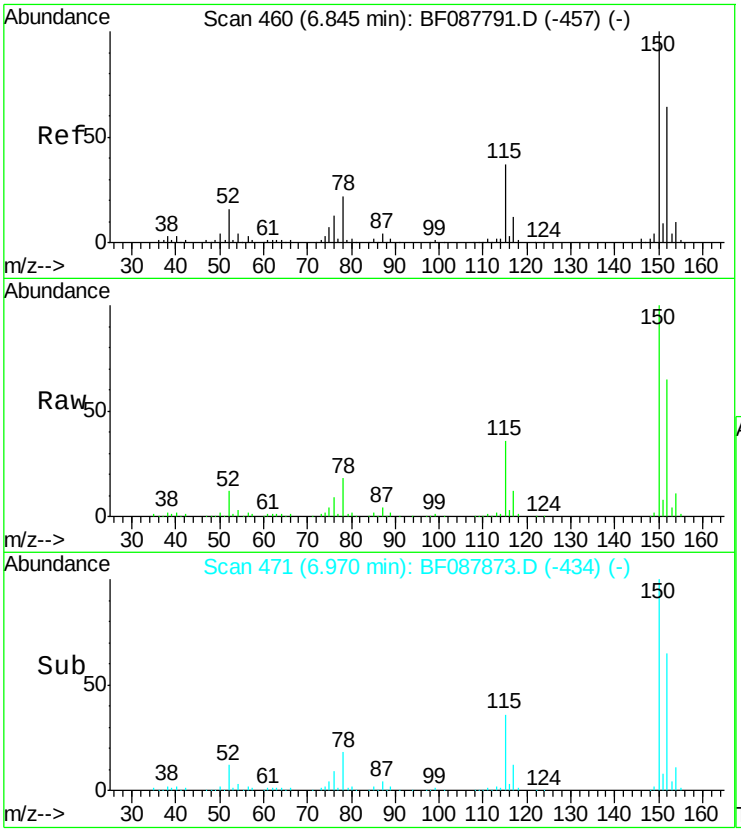
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061016\
Data File : BF087873.D
Acq On : 10 Jun 2016 14:32
Operator : UM/SJ
Sample : H3426-06 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-52

Quant Time: Jun 10 15:42:08 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



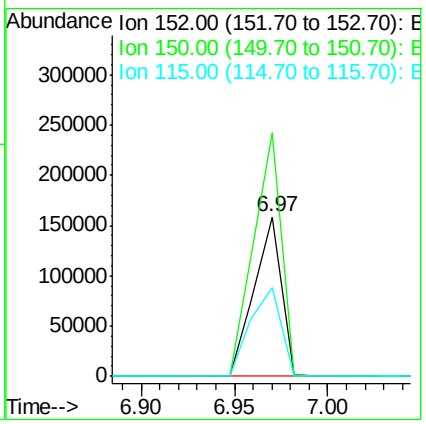


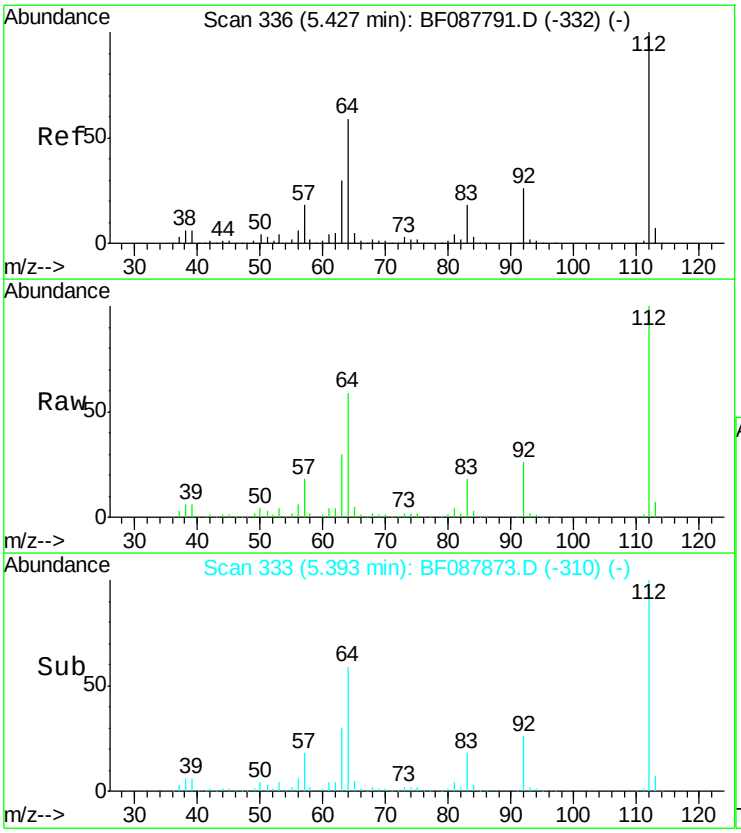
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.13 min
Lab File: BF087873.D
Acq: 10 Jun 2016 14:32

Instrument :
BNA_F
ClientSampleId :
SS-52

Tgt Ion:152 Resp: 159765

Ion	Ratio	Lower	Upper
152	100		
150	153.0	123.8	185.6
115	55.6	39.6	59.4

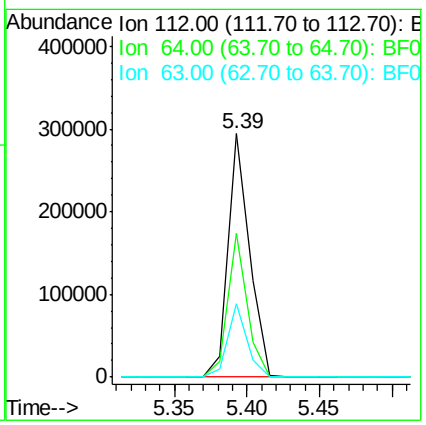


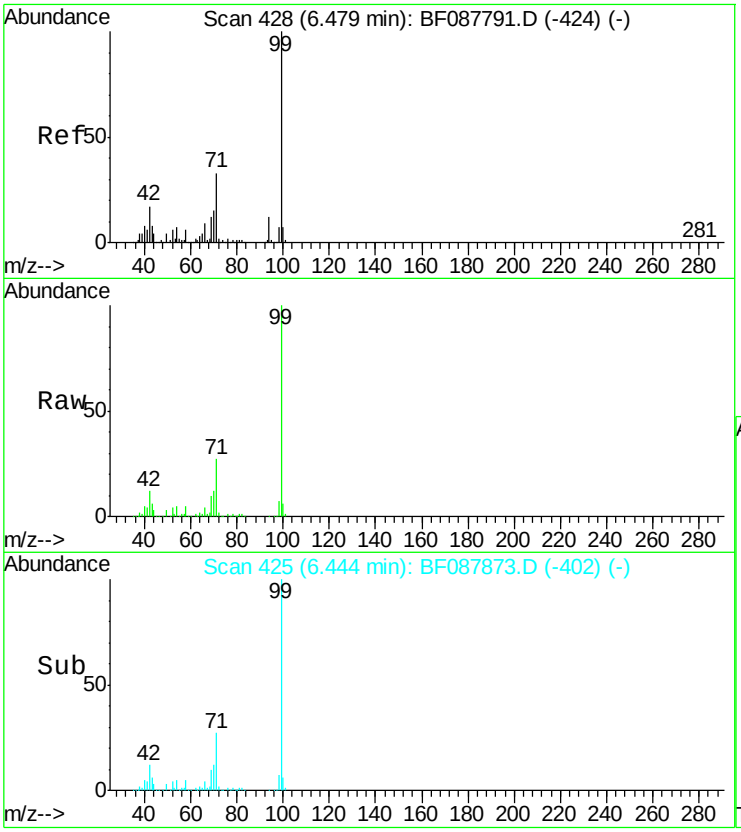


#5
2-Fluorophenol
Concen: 32.23 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.03 min
Lab File: BF087873.D
Acq: 10 Jun 2016 14:32

Tgt Ion:112 Resp: 301225

Ion	Ratio	Lower	Upper
112	100		
64	59.0	42.2	63.2
63	30.2	21.8	32.8



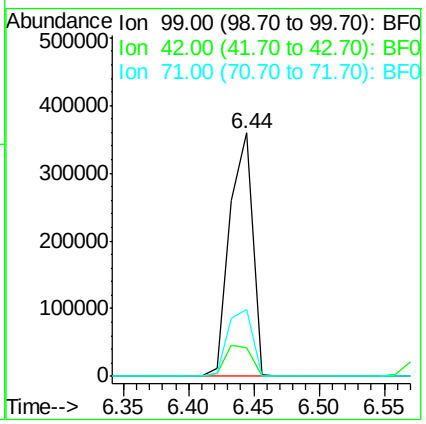


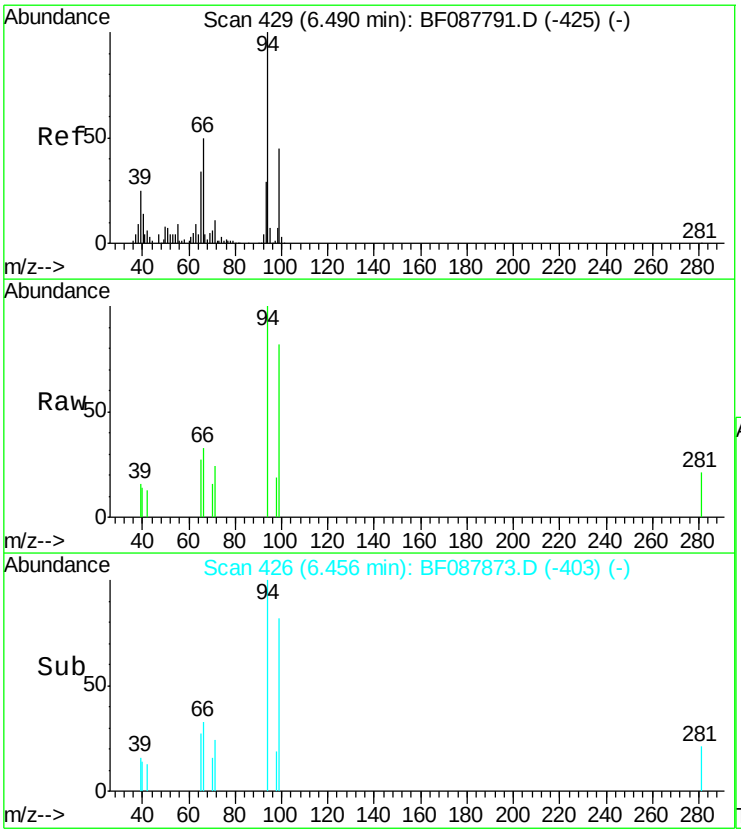
#7
Phenol-d6
Concen: 38.45 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.03 min
Lab File: BF087873.D
Acq: 10 Jun 2016 14:32

Instrument :
BNA_F
ClientSampleId :
SS-52

Tgt Ion: 99 Resp: 435526

Ion	Ratio	Lower	Upper
99	100		
42	11.8	12.2	18.2#
71	27.3	23.4	35.0

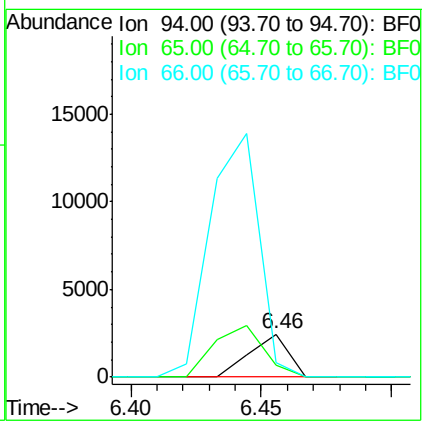


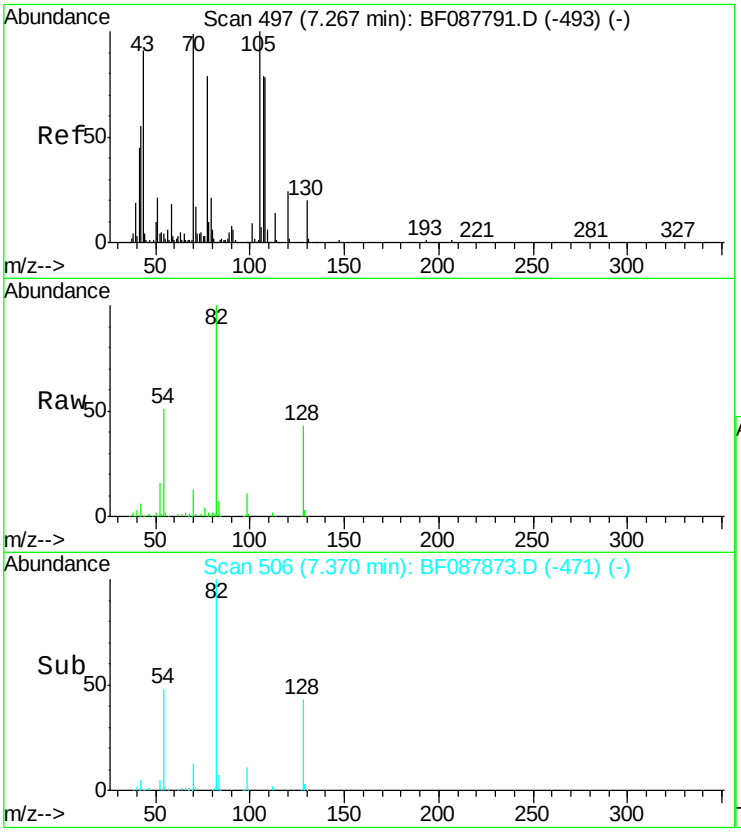


#10
Phenol
Concen: Below Cal
RT: 6.46 min Scan# 426
Delta R.T. -0.03 min
Lab File: BF087873.D
Acq: 10 Jun 2016 14:32

Tgt Ion: 94 Resp: 2532

Ion	Ratio	Lower	Upper
94	100		
65	26.5	5.9	45.9
66	33.2	14.0	54.0



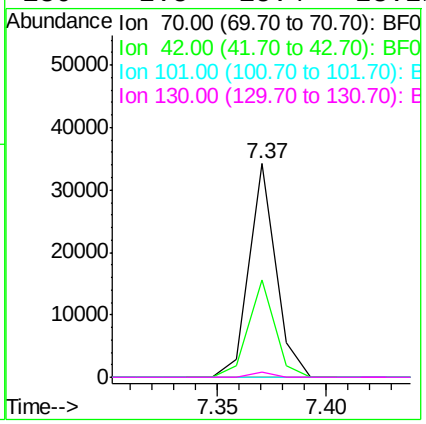


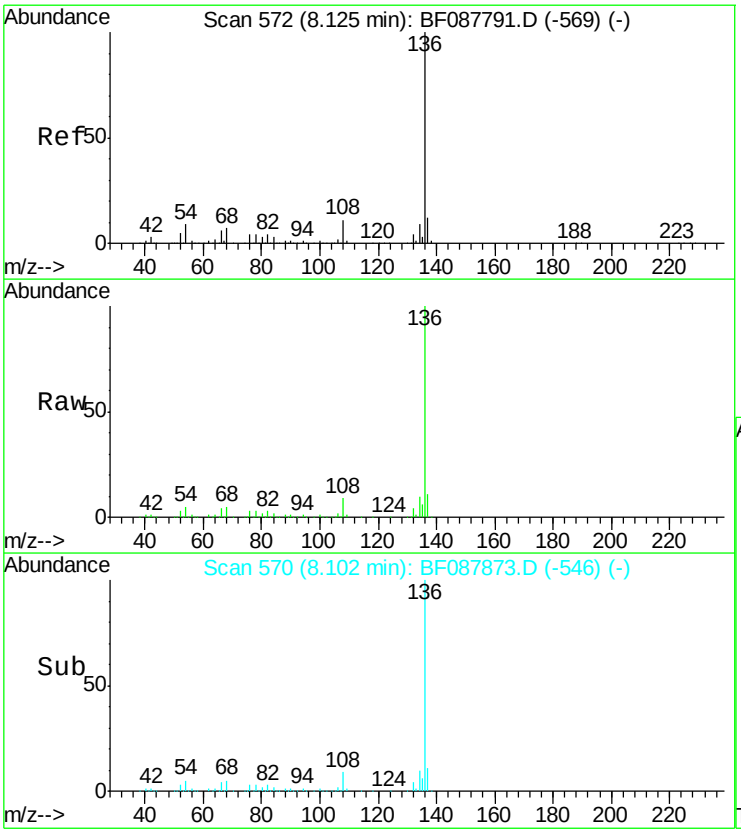
#19
n-Nitroso-di-n-propylamine
Concen: 4.03 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.10 min
Lab File: BF087873.D
Acq: 10 Jun 2016 14:32

Instrument :
BNA_F
ClientSampleId :
SS-52

Tgt Ion: 70 Resp: 29232

Ion	Ratio	Lower	Upper
70	100		
42	45.6	49.6	74.4#
101	0.0	7.1	10.7#
130	2.5	15.4	23.2#

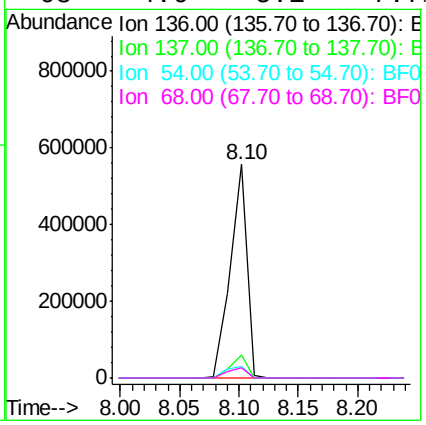


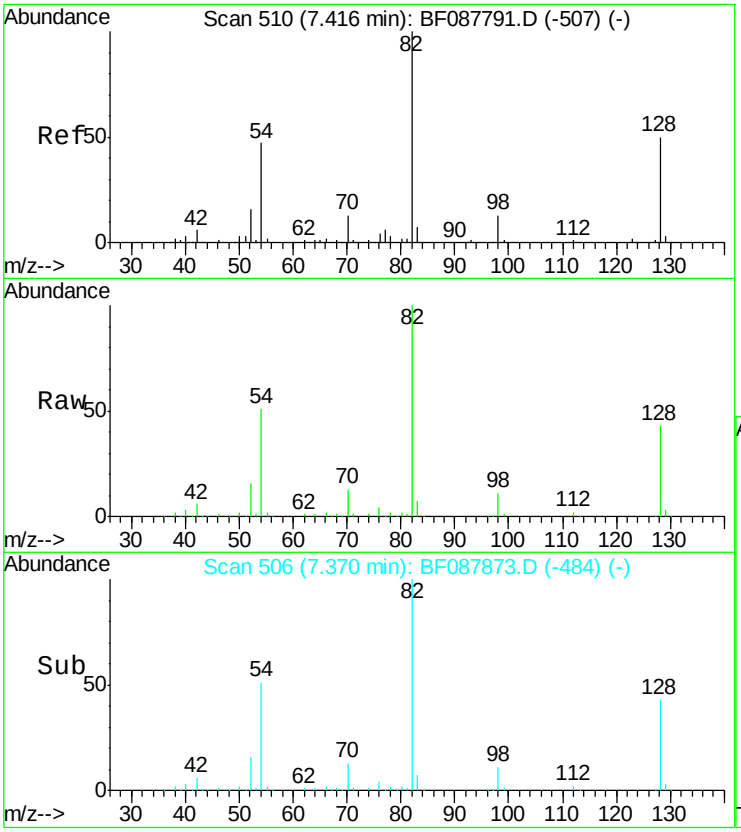


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF087873.D
Acq: 10 Jun 2016 14:32

Tgt Ion:136 Resp: 539797

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	5.3	6.6	10.0#
68	4.6	5.1	7.7#



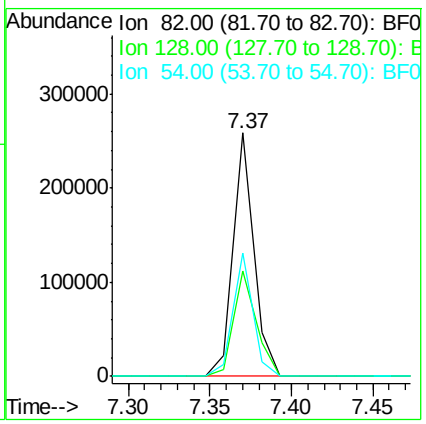


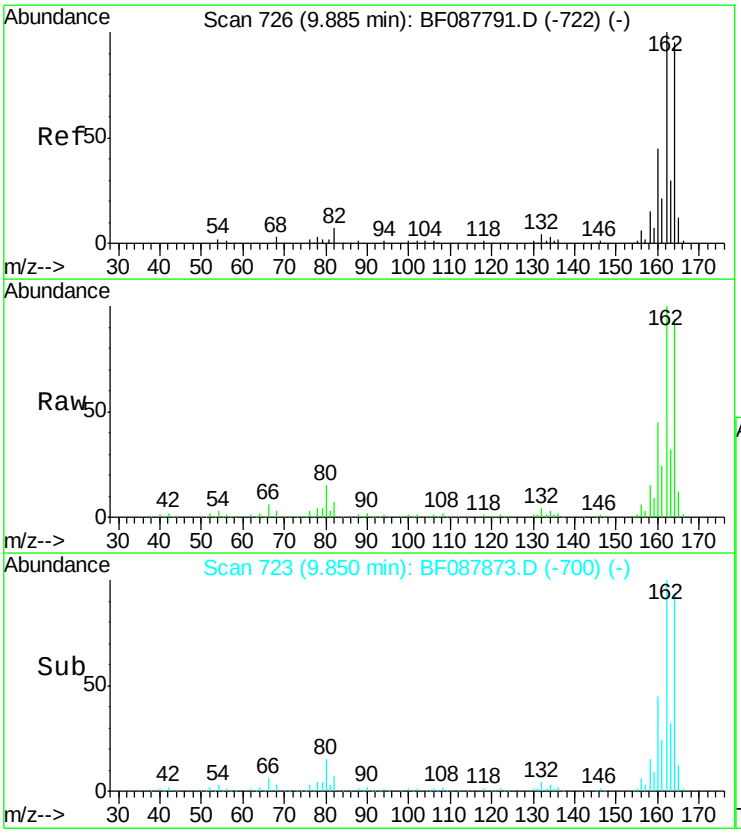
#23
Nitrobenzene-d5
Concen: 24.36 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.05 min
Lab File: BF087873.D
Acq: 10 Jun 2016 14:32

Instrument :
BNA_F
ClientSampleId :
SS-52

Tgt Ion: 82 Resp: 225222

Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.9	53.9
54	50.7	40.9	61.3

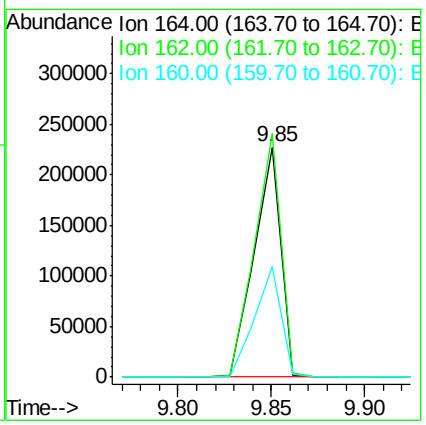


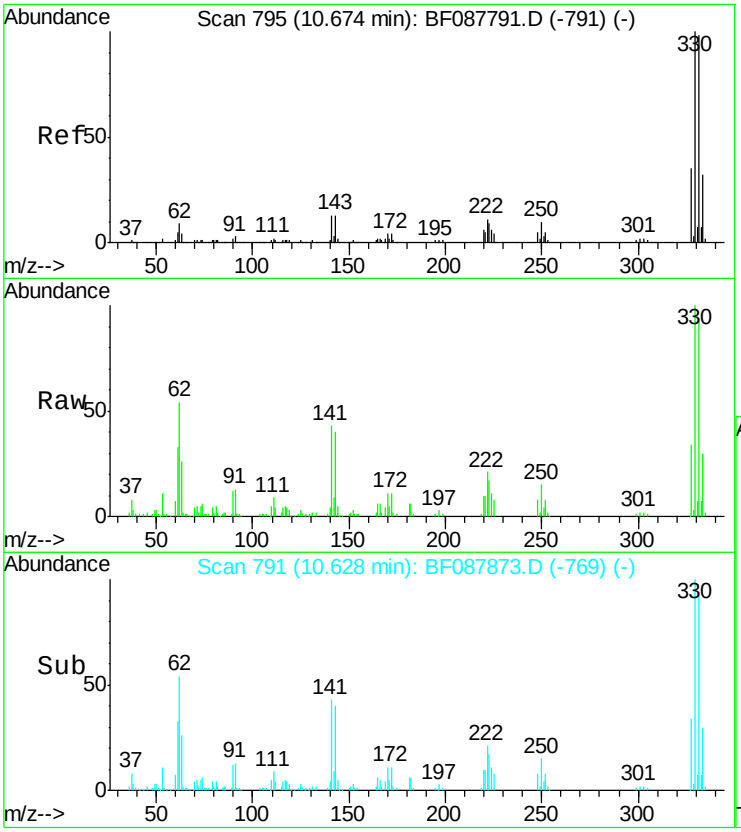


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF087873.D
Acq: 10 Jun 2016 14:32

Tgt Ion:164 Resp: 227618

Ion	Ratio	Lower	Upper
164	100		
162	105.9	85.4	128.2
160	48.1	39.5	59.3



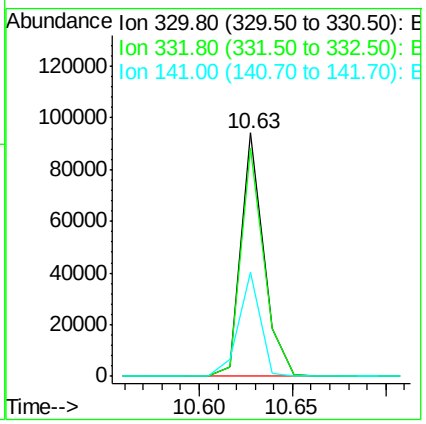


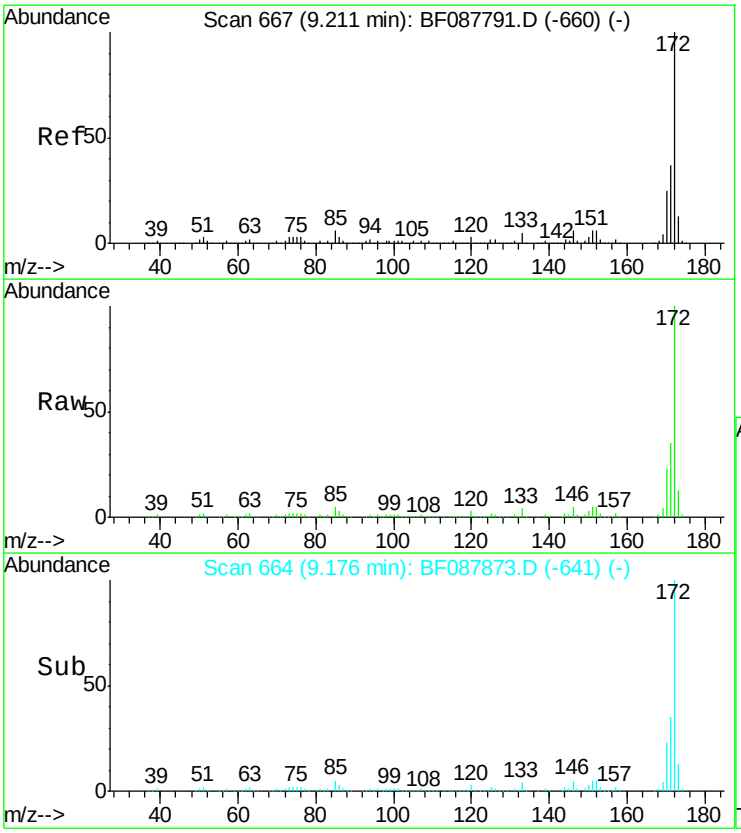
#41
2,4,6-Tribromophenol
Concen: 33.40 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.05 min
Lab File: BF087873.D
Acq: 10 Jun 2016 14:32

Instrument :
BNA_F
ClientSampleId :
SS-52

Tgt Ion:330 Resp: 80263

Ion	Ratio	Lower	Upper
330	100		
332	94.8	0.0	0.0#
141	41.1	0.0	0.0#

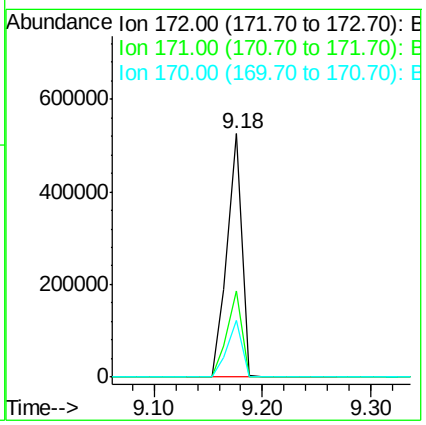


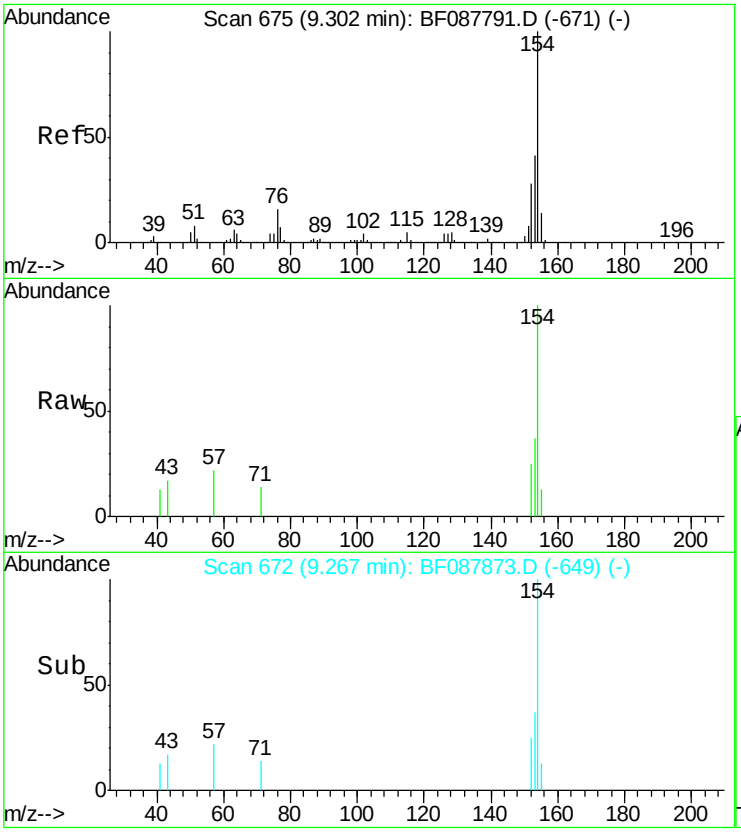


#44
2-Fluorobiphenyl
Concen: 30.64 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF087873.D
Acq: 10 Jun 2016 14:32

Tgt Ion:172 Resp: 495280

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.4	19.2	28.8



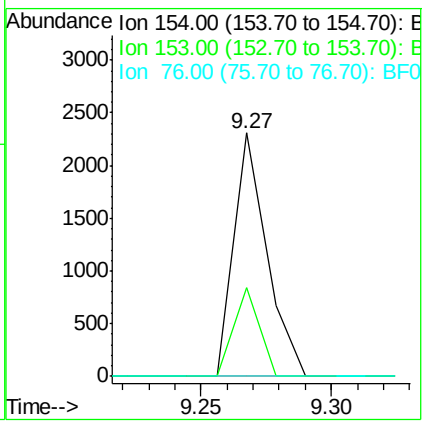


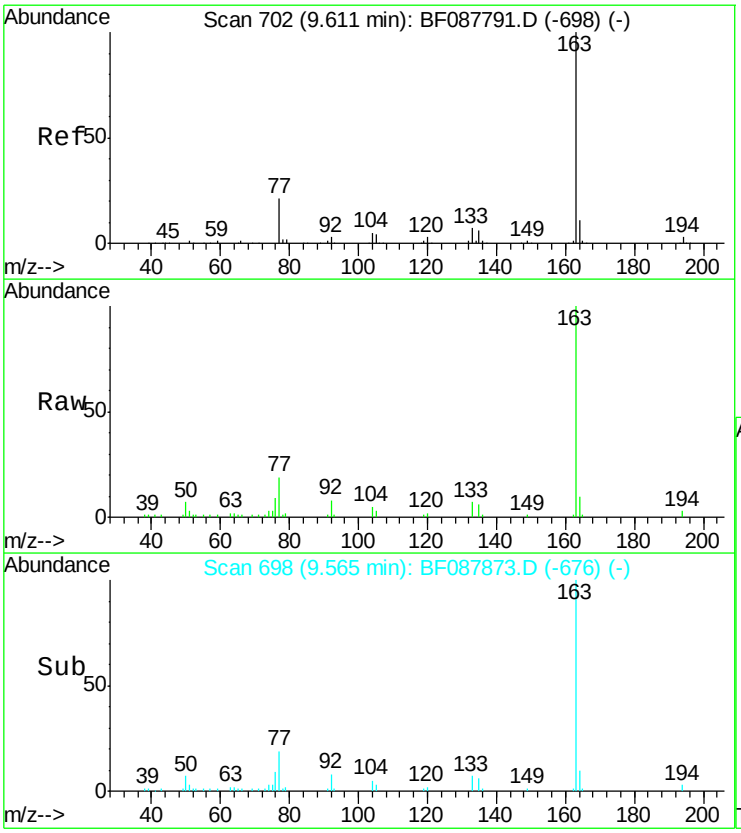
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.27 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF087873.D
Acq: 10 Jun 2016 14:32

Instrument :
BNA_F
ClientSampleId :
SS-52

Tgt Ion:154 Resp: 2048

Ion	Ratio	Lower	Upper
154	100		
153	36.7	20.6	60.6
76	0.0	0.0	35.1

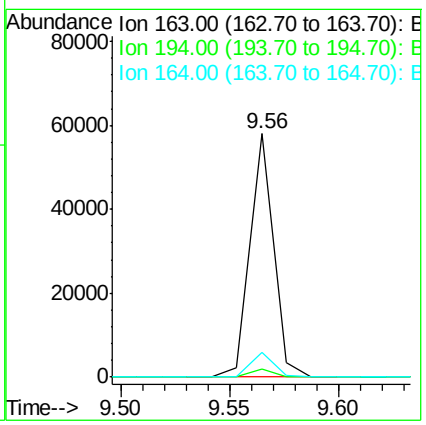


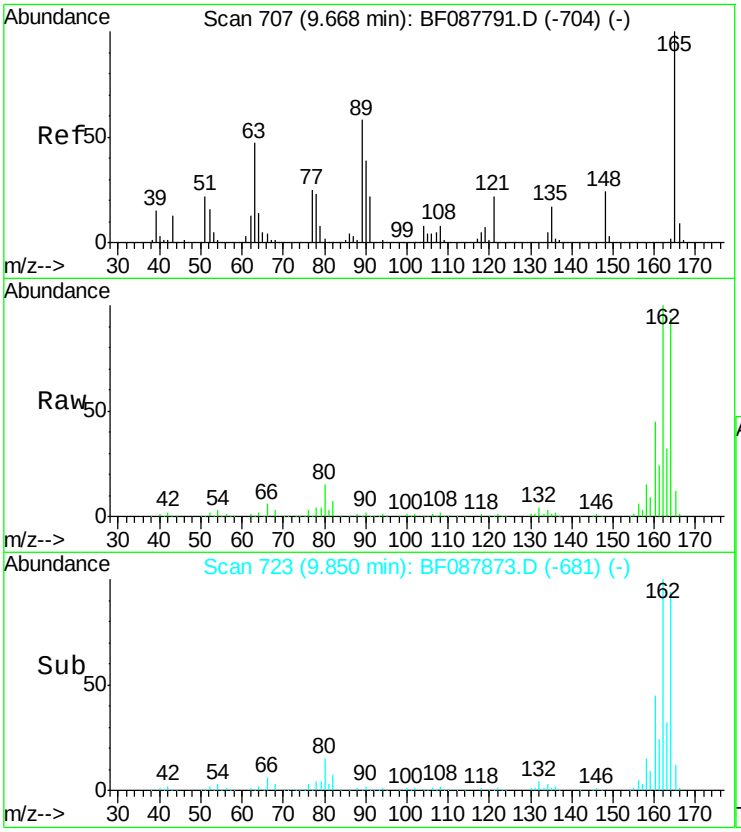


#49
Dimethylphthalate
Concen: 2.64 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.05 min
Lab File: BF087873.D
Acq: 10 Jun 2016 14:32

Tgt Ion:163 Resp: 43547

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.3	8.3	12.5



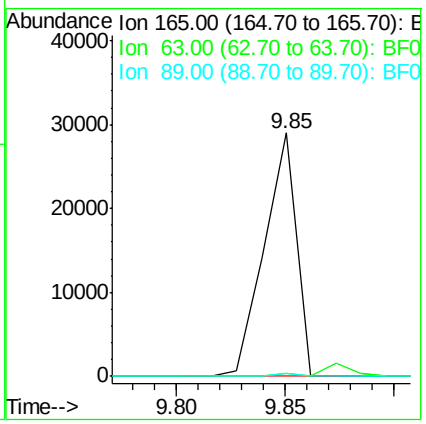


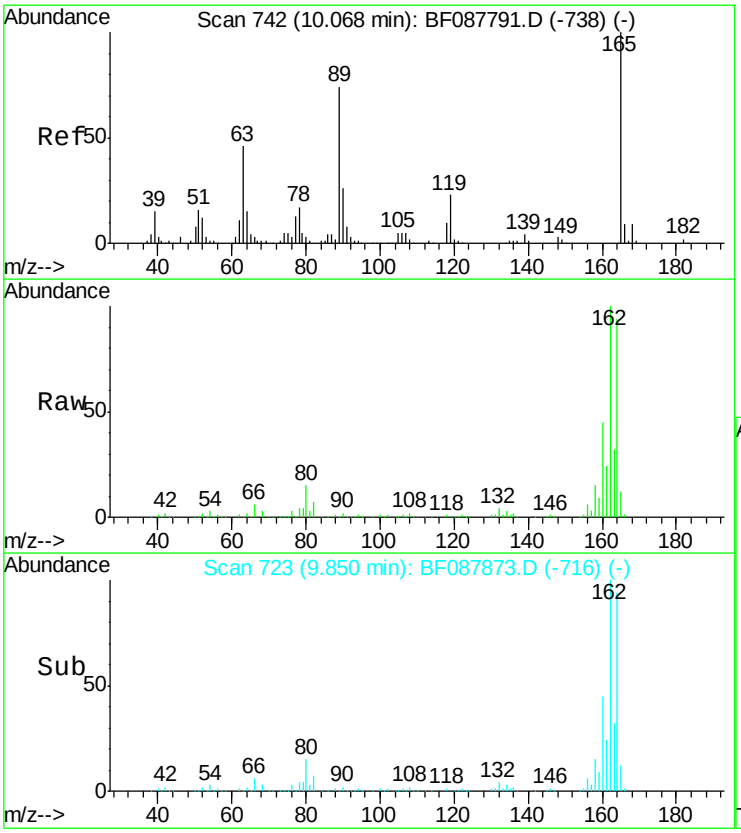
#50
2,6-Dinitrotoluene
Concen: 7.93 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.18 min
Lab File: BF087873.D
Acq: 10 Jun 2016 14:32

Instrument :
BNA_F
ClientSampleId :
SS-52

Tgt Ion:165 Resp: 29929

Ion	Ratio	Lower	Upper
165	100		
63	1.4	28.1	42.1#
89	1.4	32.2	48.2#

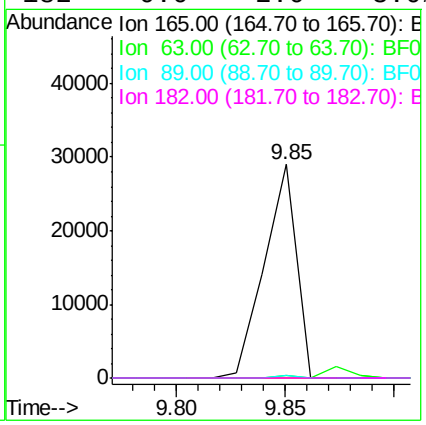


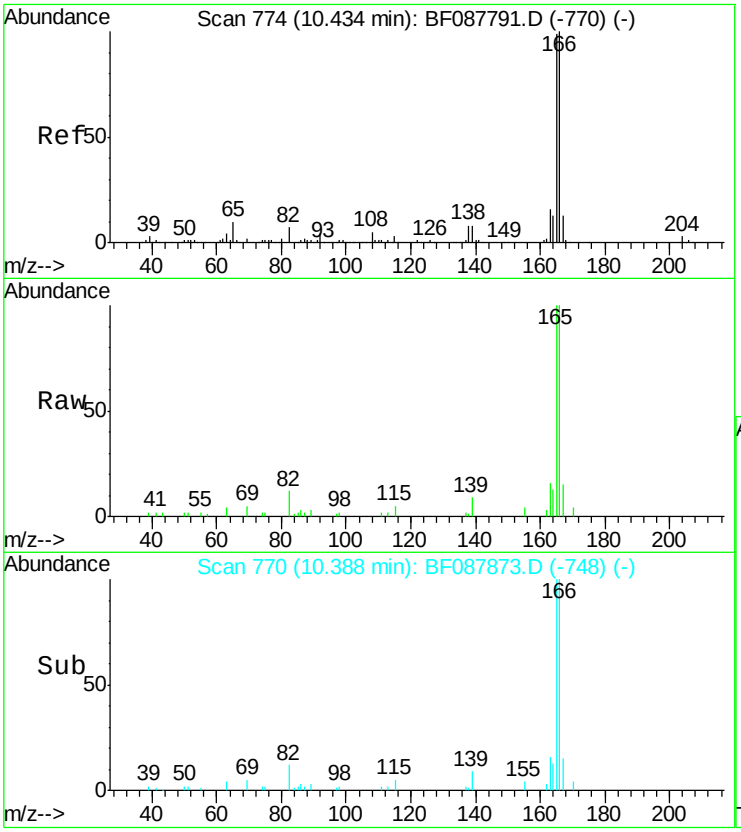


#56
2,4-Dinitrotoluene
Concen: 6.17 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.22 min
Lab File: BF087873.D
Acq: 10 Jun 2016 14:32

Tgt Ion:165 Resp: 29929

Ion	Ratio	Lower	Upper
165	100		
63	1.4	22.0	33.0#
89	1.4	41.1	61.7#
182	0.0	2.0	3.0#



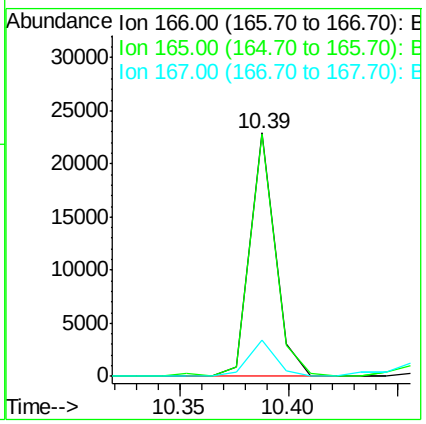


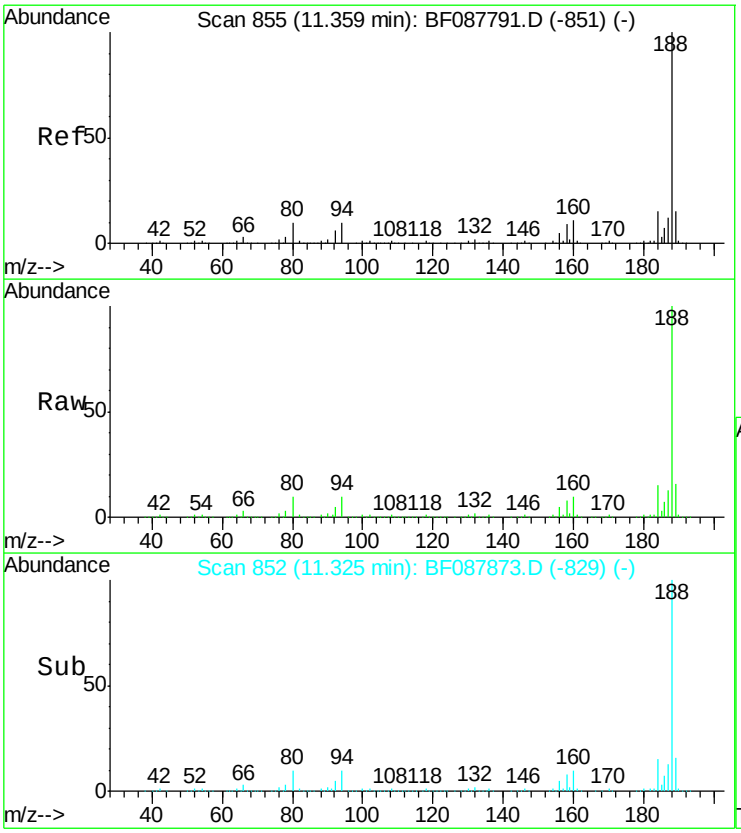
#57
Fluorene
Concen: Below Cal
RT: 10.39 min Scan# 770
Delta R.T. -0.05 min
Lab File: BF087873.D
Acq: 10 Jun 2016 14:32

Instrument :
BNA_F
ClientSampleId :
SS-52

Tgt Ion:166 Resp: 18445

Ion	Ratio	Lower	Upper
166	100		
165	99.5	77.8	116.8
167	14.9	11.2	16.8

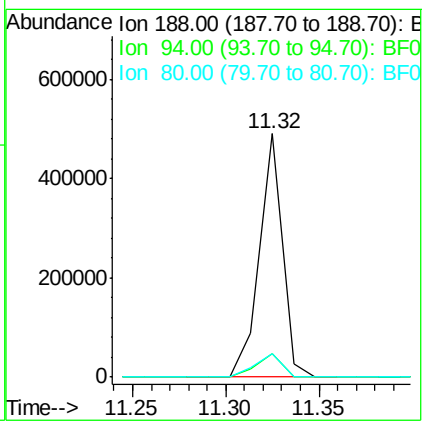


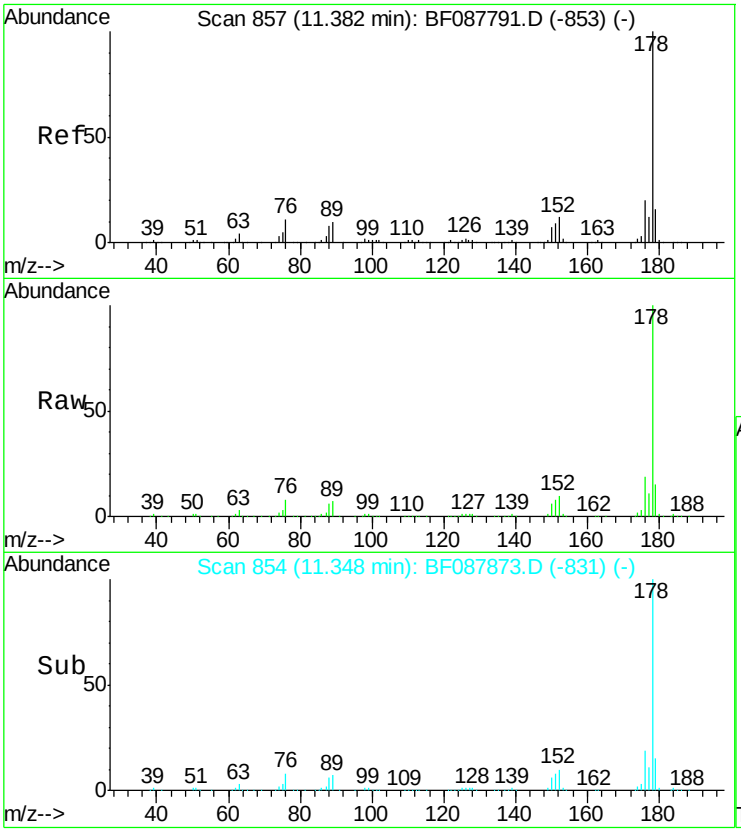


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087873.D
Acq: 10 Jun 2016 14:32

Tgt Ion:188 Resp: 416615

Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.0	13.6
80	9.8	10.0	15.0#



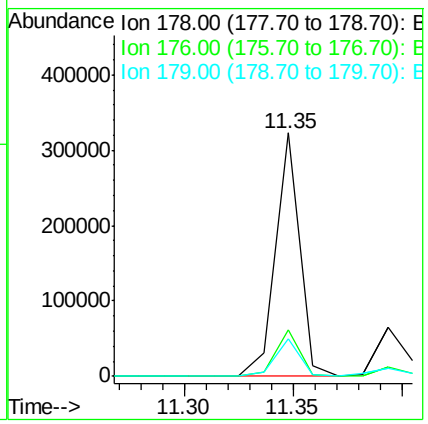


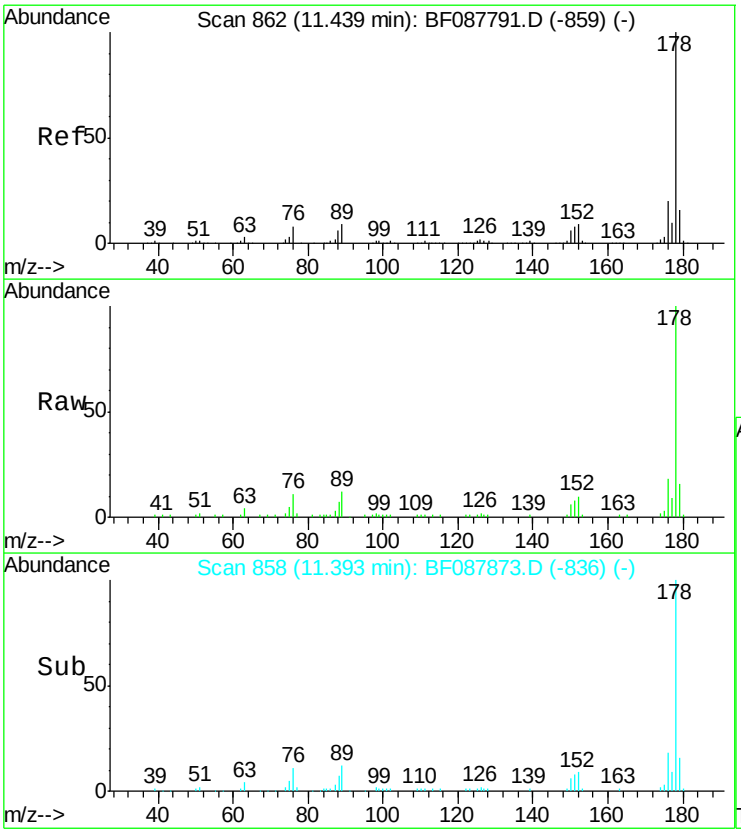
#70
Phenanthrene
Concen: 11.57 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.03 min
Lab File: BF087873.D
Acq: 10 Jun 2016 14:32

Instrument :
BNA_F
ClientSampleId :
SS-52

Tgt Ion:178 Resp: 252861

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.6
179	15.3	13.0	19.4

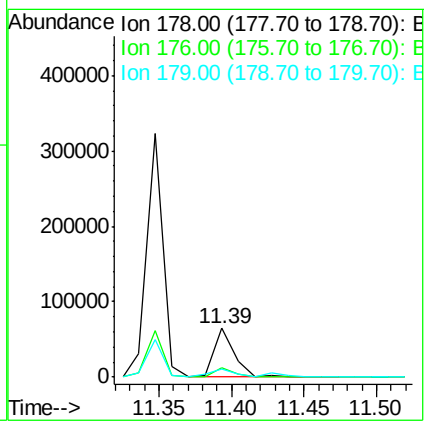


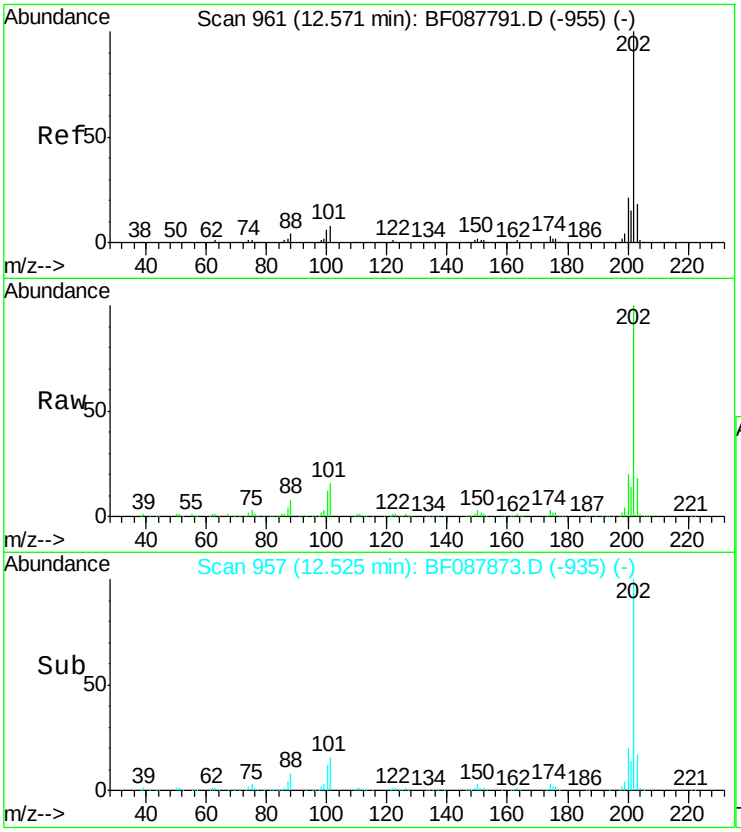


#71
Anthracene
Concen: 2.81 ng
RT: 11.39 min Scan# 858
Delta R.T. -0.05 min
Lab File: BF087873.D
Acq: 10 Jun 2016 14:32

Tgt Ion:178 Resp: 62048

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.6	23.4
179	15.7	12.8	19.2



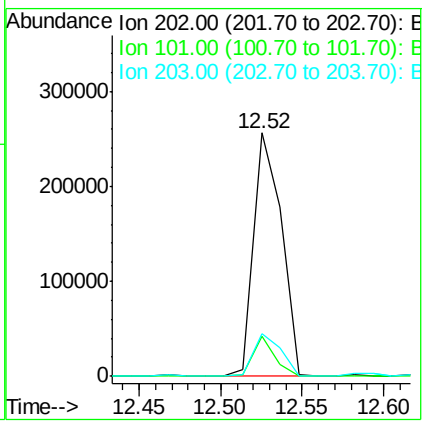


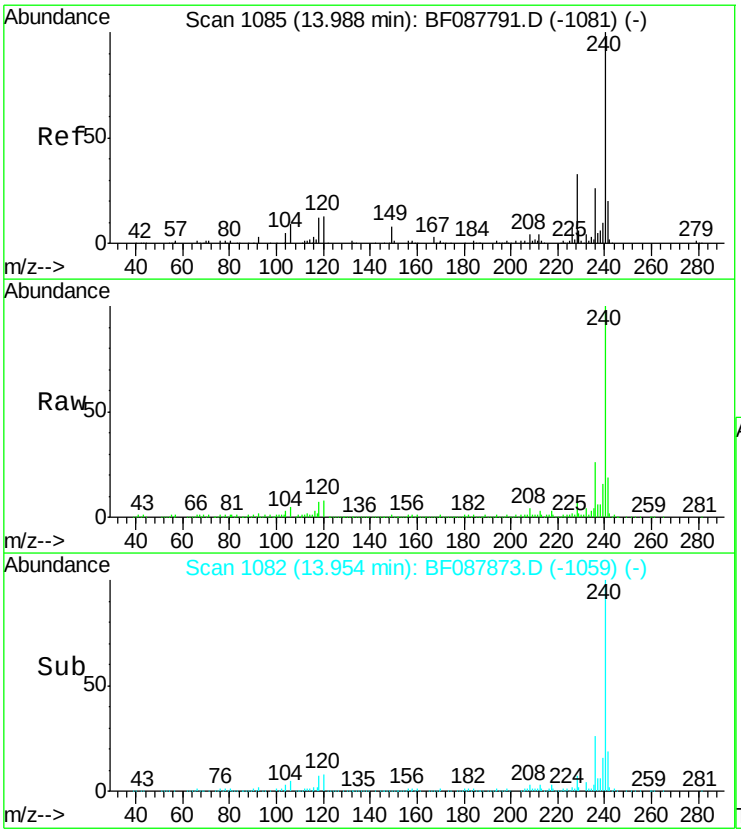
#74
Fluoranthene
Concen: 13.15 ng
RT: 12.52 min Scan# 957
Delta R.T. -0.05 min
Lab File: BF087873.D
Acq: 10 Jun 2016 14:32

Instrument :
BNA_F
ClientSampleId :
SS-52

Tgt Ion:202 Resp: 303446

Ion	Ratio	Lower	Upper
202	100		
101	16.3	0.0	33.1
203	17.6	0.0	38.1

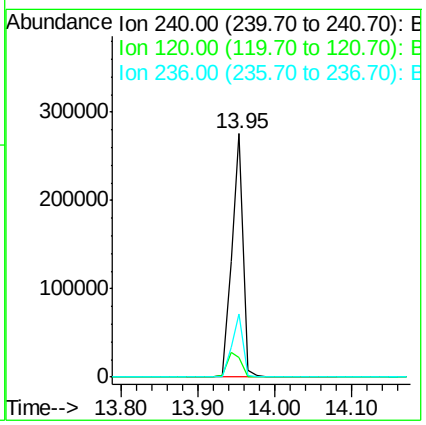


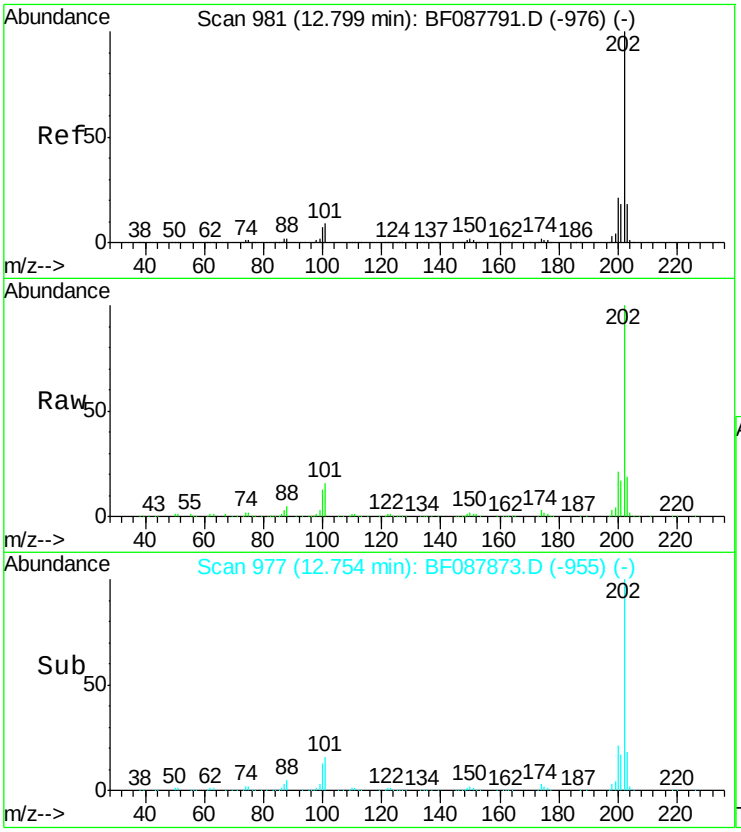


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087873.D
Acq: 10 Jun 2016 14:32

Tgt Ion:240 Resp: 290258

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.8	10.2
236	25.8	20.2	30.2



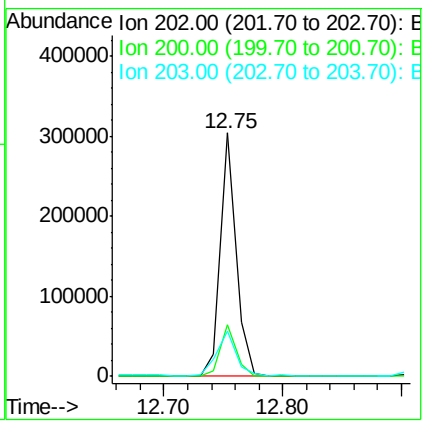


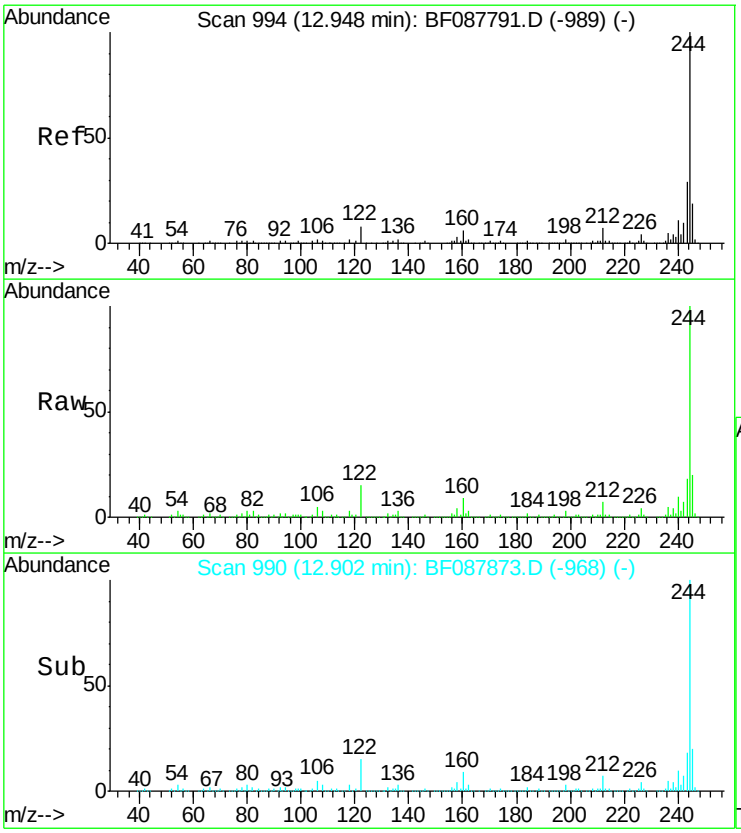
#77
Pyrene
Concen: 12.91 ng
RT: 12.75 min Scan# 977
Delta R.T. -0.05 min
Lab File: BF087873.D
Acq: 10 Jun 2016 14:32

Instrument :
BNA_F
ClientSampleId :
SS-52

Tgt Ion:202 Resp: 278080

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	18.5	14.5	21.7

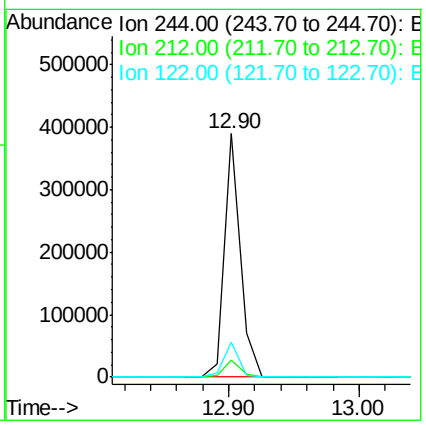


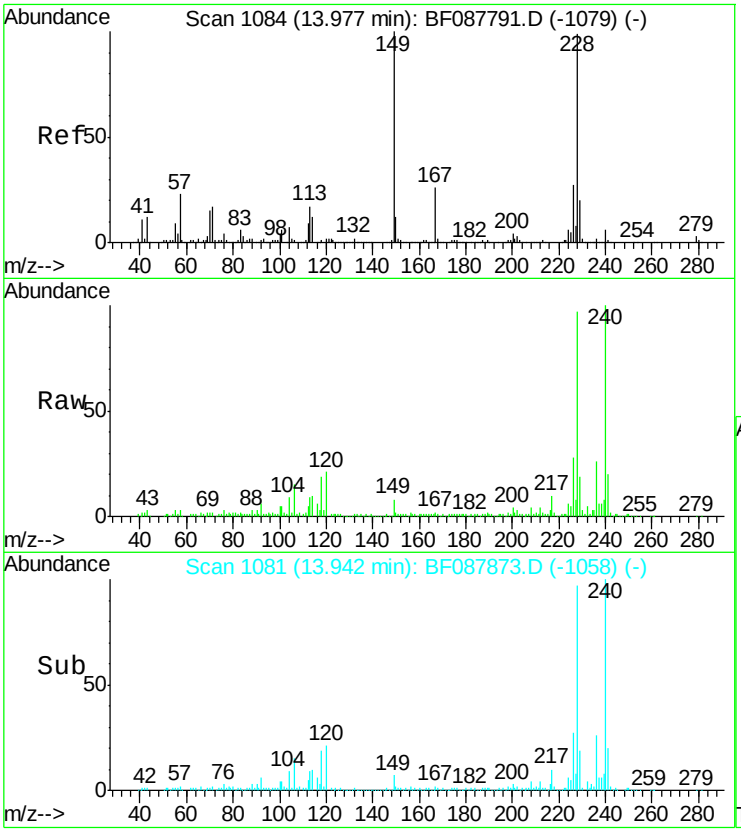


#78
Terphenyl-d14
Concen: 25.97 ng
RT: 12.90 min Scan# 990
Delta R.T. -0.05 min
Lab File: BF087873.D
Acq: 10 Jun 2016 14:32

Tgt Ion:244 Resp: 331252

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	14.6	11.2	16.8



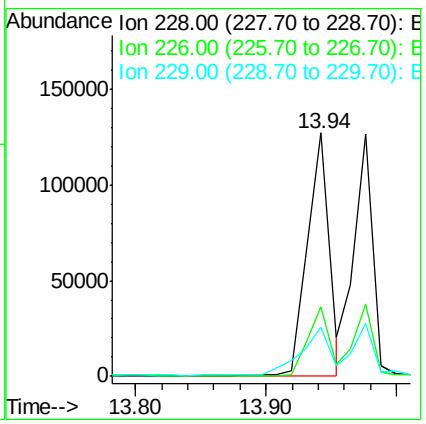


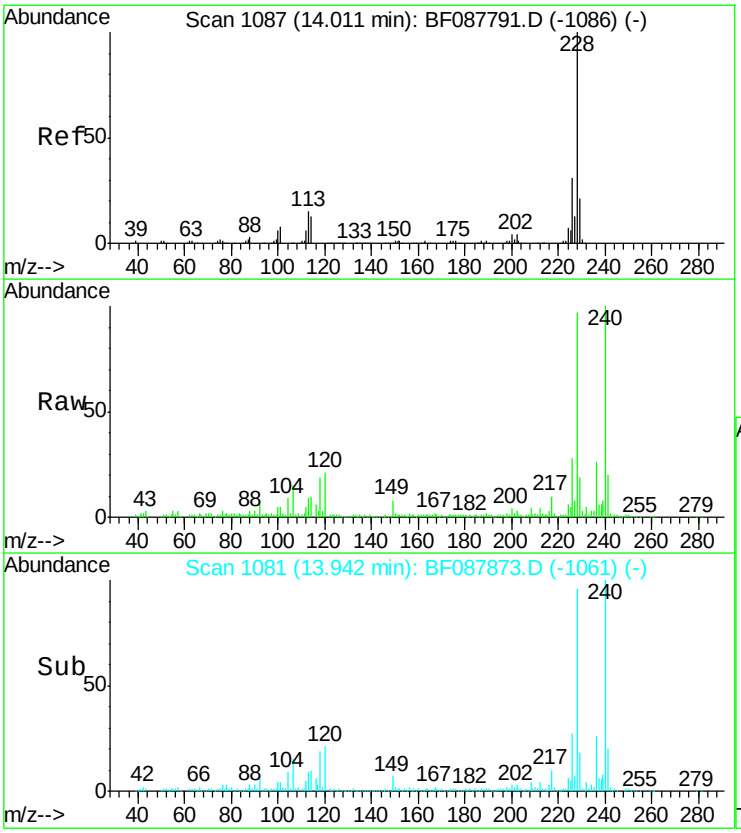
#80
Benzo(a)anthracene
Concen: 8.94 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.03 min
Lab File: BF087873.D
Acq: 10 Jun 2016 14:32

Instrument :
BNA_F
ClientSampleId :
SS-52

Tgt Ion:228 Resp: 147905

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.3	33.5
229	20.0	16.0	24.0

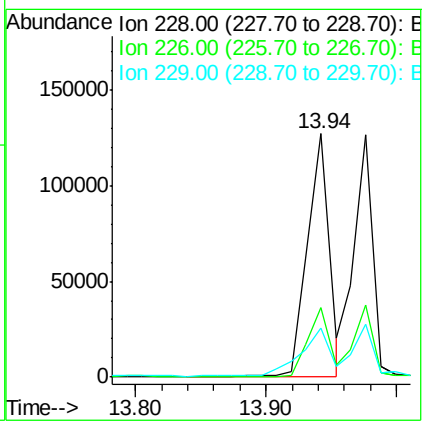


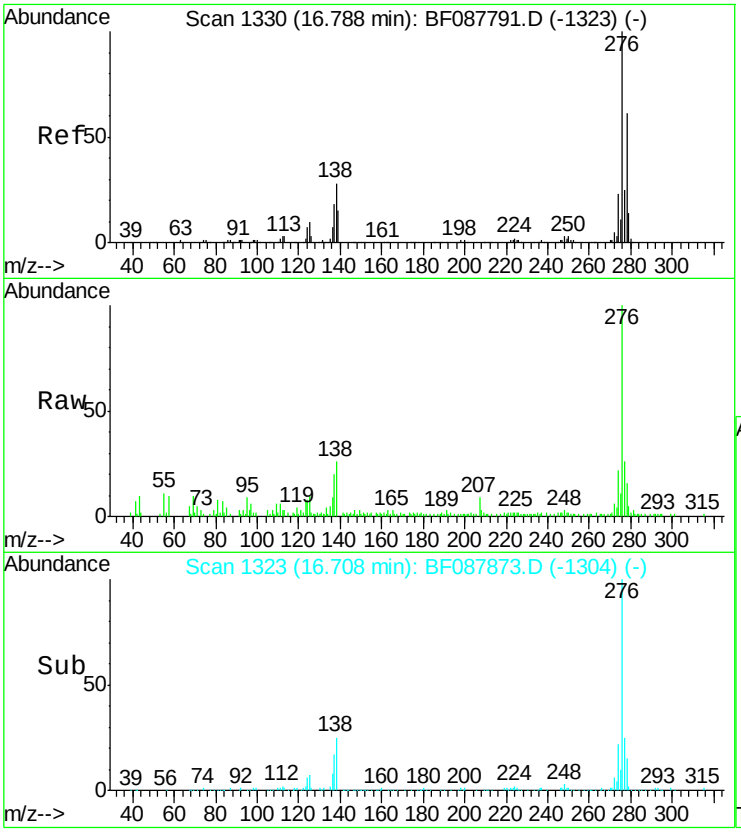


#82
Chrysene
Concen: 9.50 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.07 min
Lab File: BF087873.D
Acq: 10 Jun 2016 14:32

Tgt Ion:228 Resp: 147905

Ion	Ratio	Lower	Upper
228	100		
226	28.6	25.4	38.2
229	20.0	16.3	24.5



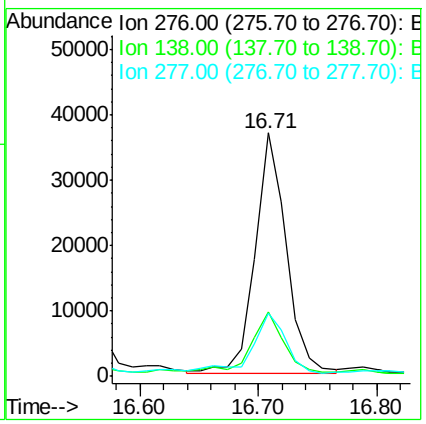


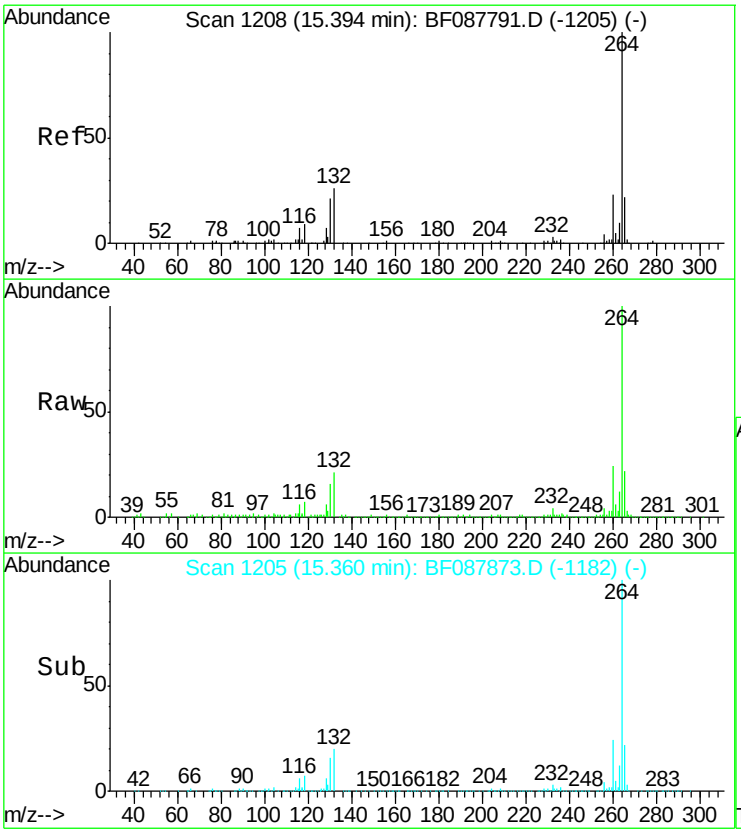
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.69 ng
RT: 16.71 min Scan# 1323
Delta R.T. -0.08 min
Lab File: BF087873.D
Acq: 10 Jun 2016 14:32

Instrument :
BNA_F
ClientSampleId :
SS-52

Tgt Ion:276 Resp: 67852

Ion	Ratio	Lower	Upper
276	100		
138	28.3	0.0	0.0#
277	29.2	0.0	0.0#

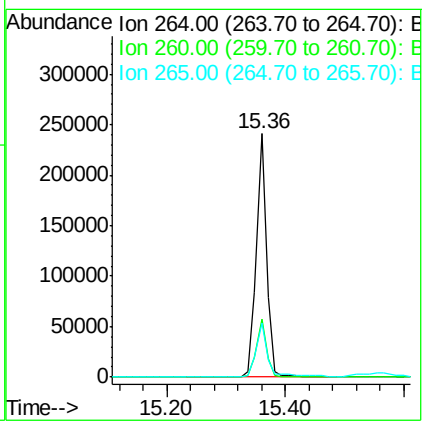


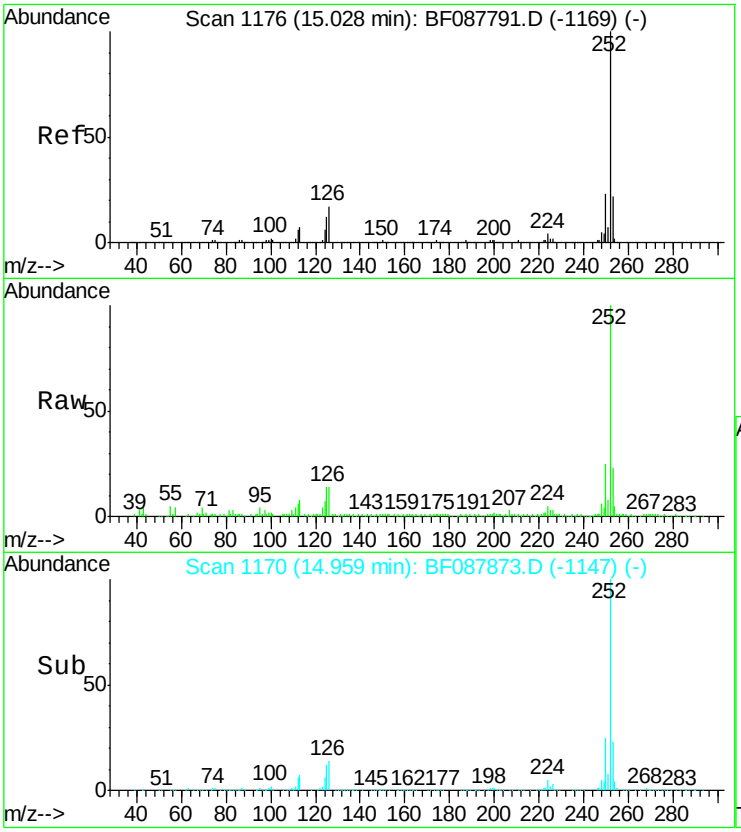


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF087873.D
Acq: 10 Jun 2016 14:32

Tgt Ion:264 Resp: 292998

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.4	16.9	25.3



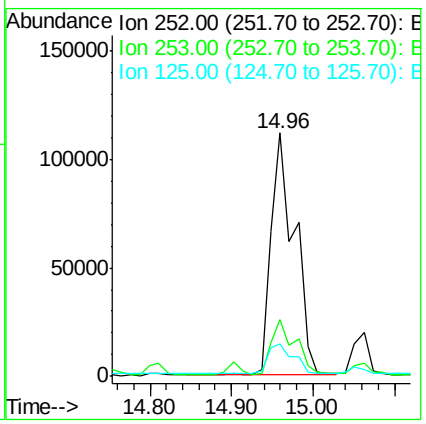


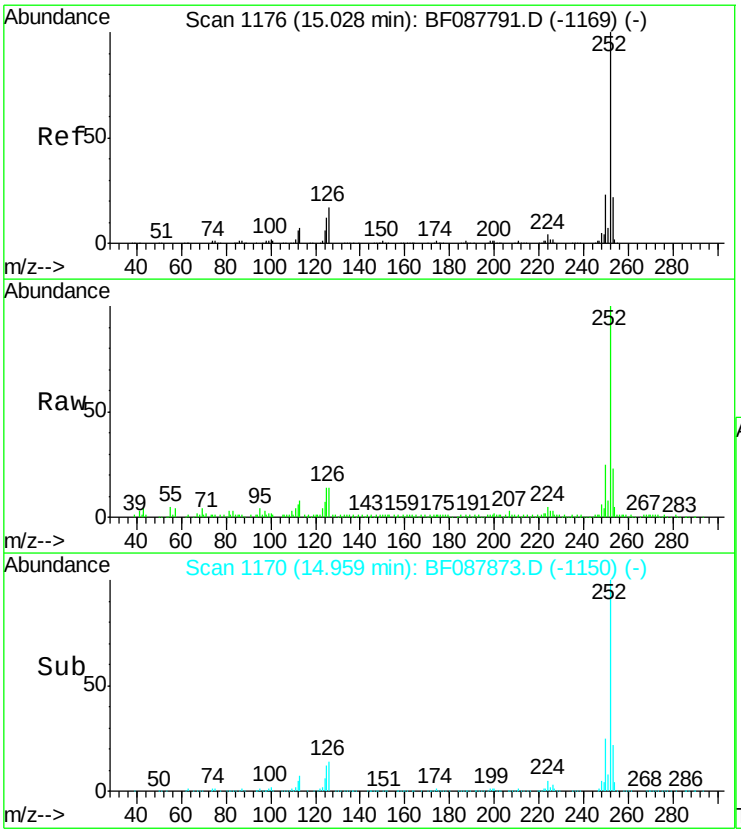
#87
Benzo(b)fluoranthene
Concen: 11.15 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.03 min
Lab File: BF087873.D
Acq: 10 Jun 2016 14:32

Instrument :
BNA_F
ClientSampleId :
SS-52

Tgt Ion:252 Resp: 227644

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	13.5	7.1	10.7#

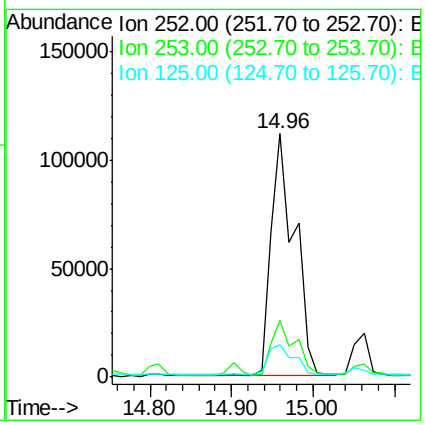


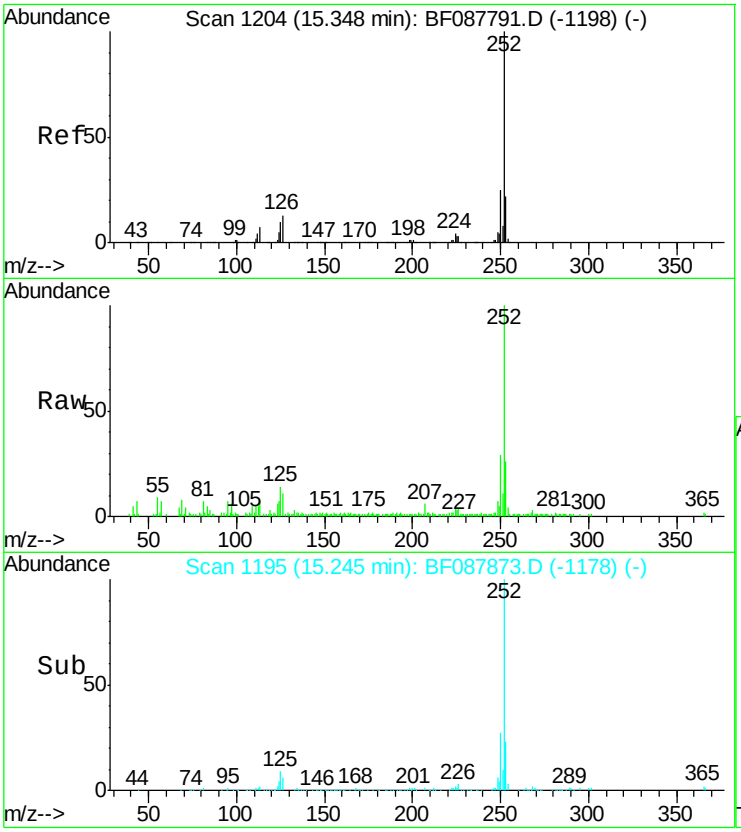


#88
Benzo(k)fluoranthene
Concen: 14.78 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.07 min
Lab File: BF087873.D
Acq: 10 Jun 2016 14:32

Tgt Ion:252 Resp: 227644

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	13.5	11.2	16.8



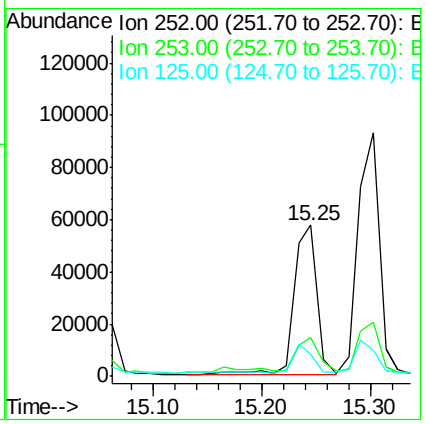


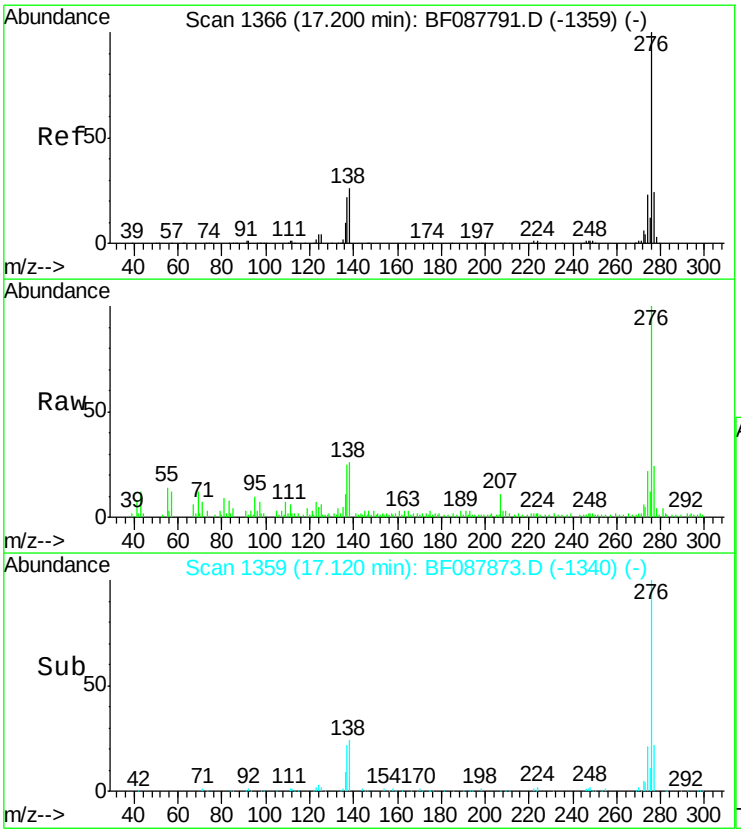
#89
Benzo(a)pyrene
Concen: 5.11 ng
RT: 15.25 min Scan# 1195
Delta R.T. -0.10 min
Lab File: BF087873.D
Acq: 10 Jun 2016 14:32

Instrument :
BNA_F
ClientSampleId :
SS-52

Tgt Ion:252 Resp: 84366

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.9	26.9
125	14.4	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 3.85 ng
RT: 17.12 min Scan# 1359
Delta R.T. -0.08 min
Lab File: BF087873.D
Acq: 10 Jun 2016 14:32

Tgt Ion:276 Resp: 60721

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	25.7	21.4	32.2