Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061016\
Data File : BF087874.D
Acq On : 10 Jun 2016 15:00
Operator : UM/SJ
Sample : H3426-08 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 10 16:11:51 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	130967	20.00	ng		0.13
21) Naphthalene-d8	8.10	136	521945	20.00	ng		-0.02
38) Acenaphthene-d10	9.85	164	224652	20.00	ng		-0.03
63) Phenanthrene-d10	11.32	188	336503	20.00	ng		-0.03
75) Chrysene-d12	13.95	240	256343	20.00	ng		-0.03
86) Perylene-d12	15.36	264	257431	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	269576	35.19	ng		-0.03
7) Phenol-d6	6.43	99	379022	40.82	ng		-0.05
23) Nitrobenzene-d5	7.37	82	214530	24.00	ng		-0.05
41) 2,4,6-Tribromophenol	10.63	330	84256	35.52	ng		-0.05
44) 2-Fluorobiphenyl	9.18	172	462606	28.68	ng		-0.03
78) Terphenyl-d14	12.90	244	263941	23.43	ng		-0.05
Target Compounds							Qvalue
10) Phenol	6.46	94	2972	Below Cal			96
19) n-Nitroso-di-n-propylamine	7.37	70	27335	4.60	ng	#	75
45) 1,1'-Biphenyl	9.27	154	2227	Below Cal			85
49) Dimethylphthalate	9.56	163	53538	3.29	ng		99
50) 2,6-Dinitrotoluene	9.85	165	29462	7.91	ng	#	40
56) 2,4-Dinitrotoluene	9.85	165	29462	6.15	ng	#	38
57) Fluorene	10.39	166	24405	Below Cal			97
70) Phenanthrene	11.35	178	257158	14.56	ng		98
71) Anthracene	11.39	178	68578	3.85	ng		98
74) Fluoranthene	12.53	202	308038	16.53	ng		95
77) Pyrene	12.75	202	260856	13.71	ng		98
80) Benzo(a)anthracene	13.94	228	137910	9.44	ng		98
82) Chrysene	13.94	228	138193	10.06	ng		97
85) Indeno(1,2,3-cd)pyrene	16.71	276	87658	6.87	ng	#	100
87) Benzo(b)fluoranthene	14.96	252	274127	15.28	ng	#	94
88) Benzo(k)fluoranthene	14.96	252	274127	20.25	ng		99
89) Benzo(a)pyrene	15.25	252	108298	7.46	ng		95
91) Benzo(g,h,i)perylene	17.12	276	82006	5.91	ng		98

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

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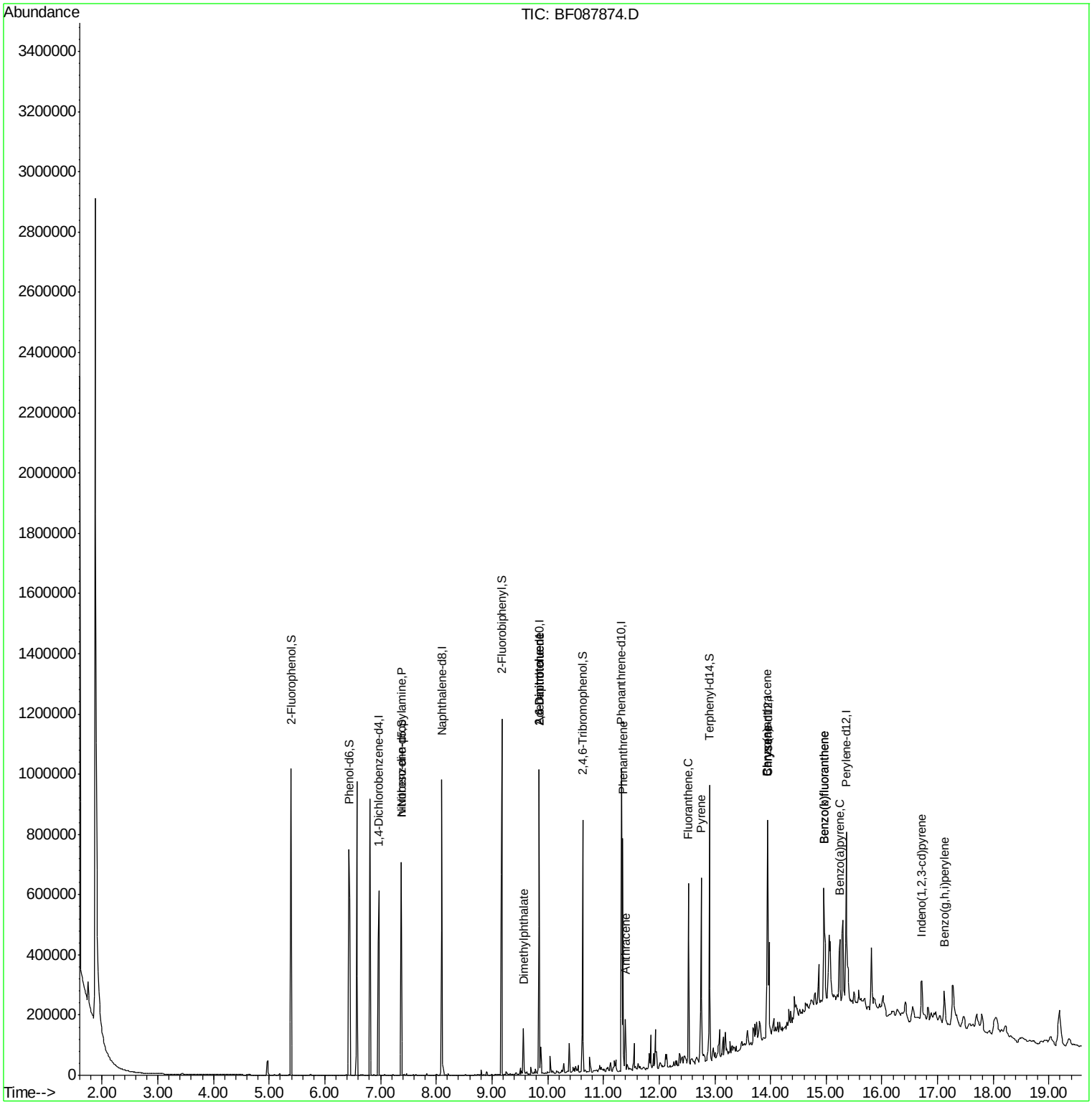
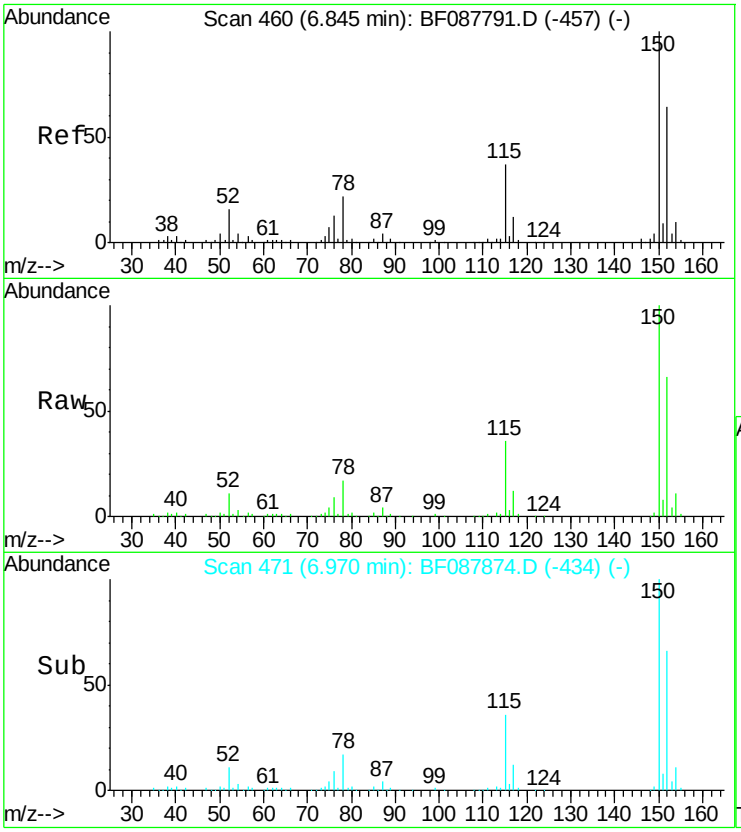


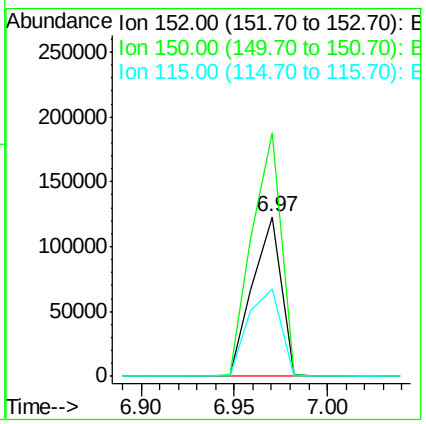


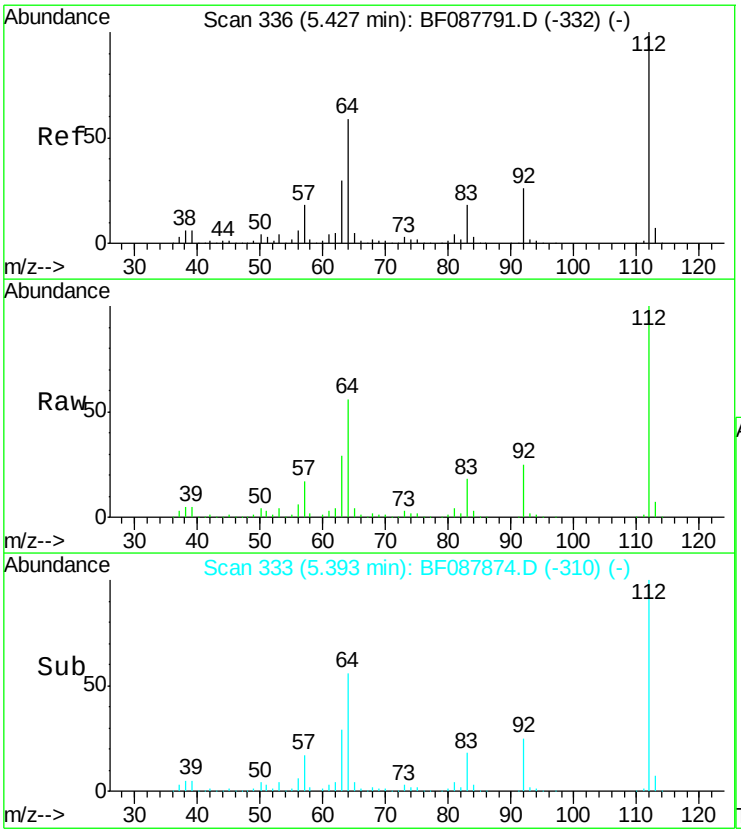
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.13 min
Lab File: BF087874.D
Acq: 10 Jun 2016 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 130967

Ion	Ratio	Lower	Upper
152	100		
150	152.5	123.8	185.6
115	55.0	39.6	59.4

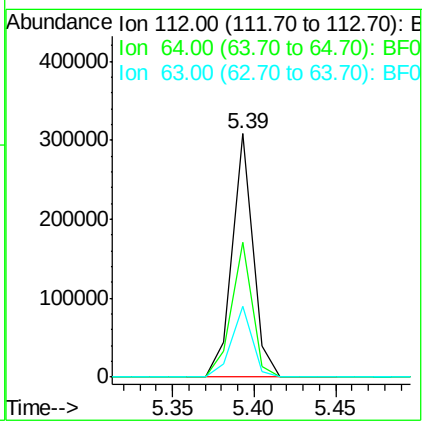


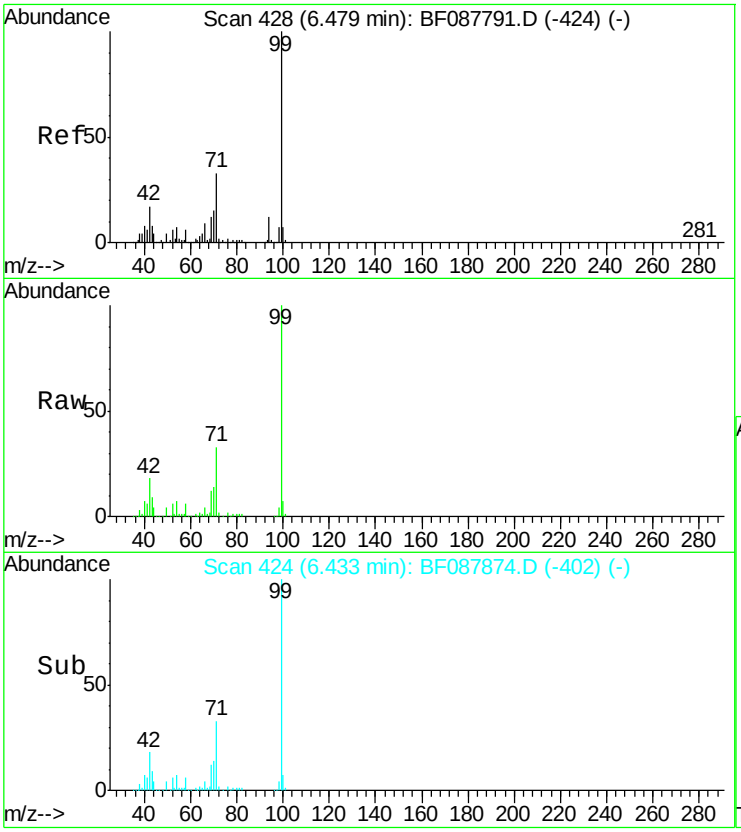


#5
2-Fluorophenol
Concen: 35.19 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.03 min
Lab File: BF087874.D
Acq: 10 Jun 2016 15:00

Tgt Ion:112 Resp: 269576

Ion	Ratio	Lower	Upper
112	100		
64	55.5	42.2	63.2
63	29.0	21.8	32.8



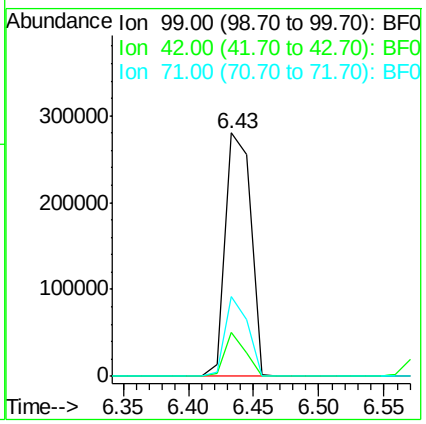


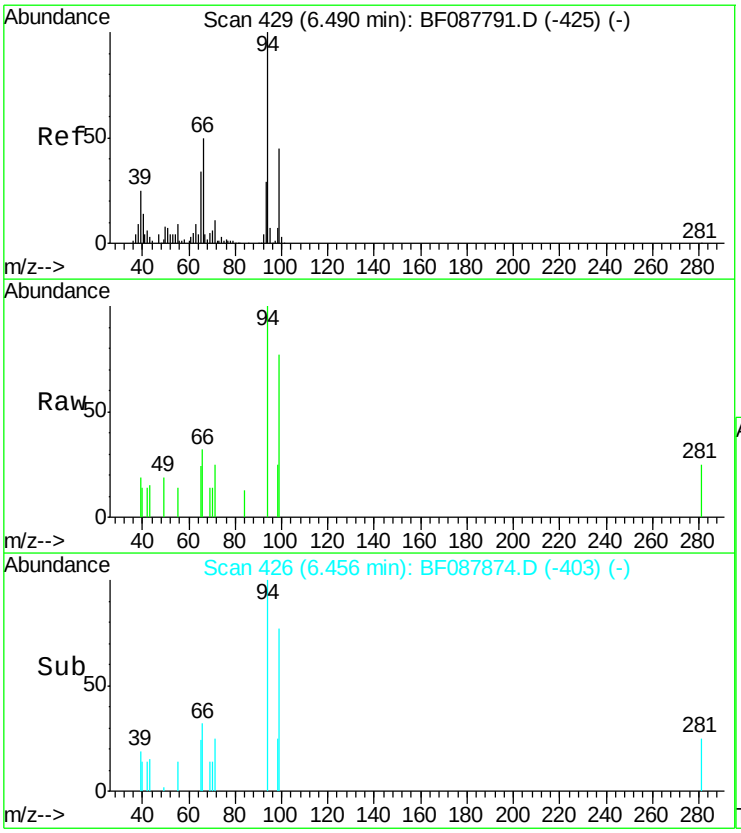
#7
Phenol-d6
Concen: 40.82 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.05 min
Lab File: BF087874.D
Acq: 10 Jun 2016 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 379022

Ion	Ratio	Lower	Upper
99	100		
42	17.8	12.2	18.2
71	32.5	23.4	35.0

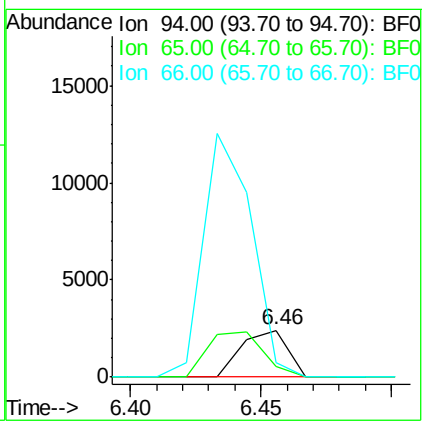


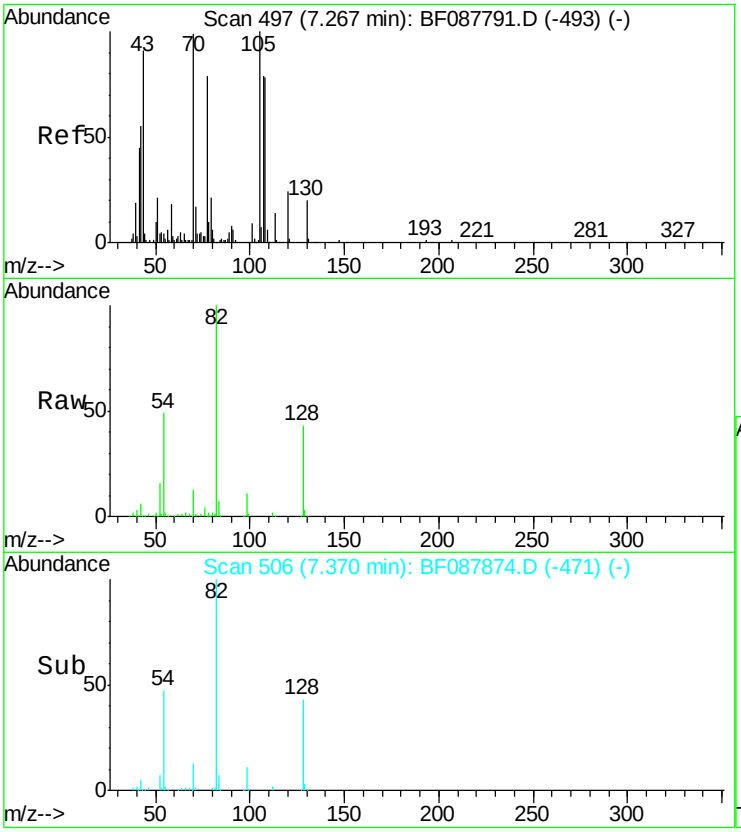


#10
Phenol
Concen: Below Cal
RT: 6.46 min Scan# 426
Delta R.T. -0.03 min
Lab File: BF087874.D
Acq: 10 Jun 2016 15:00

Tgt Ion: 94 Resp: 2972

Ion	Ratio	Lower	Upper
94	100		
65	23.9	5.9	45.9
66	31.7	14.0	54.0



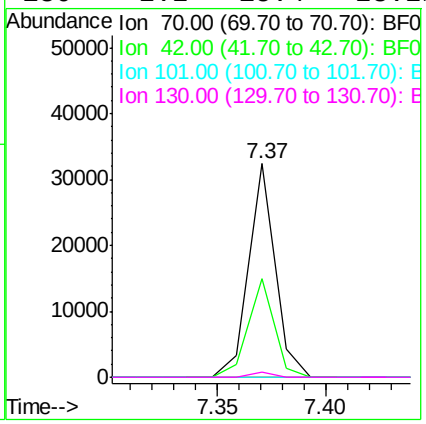


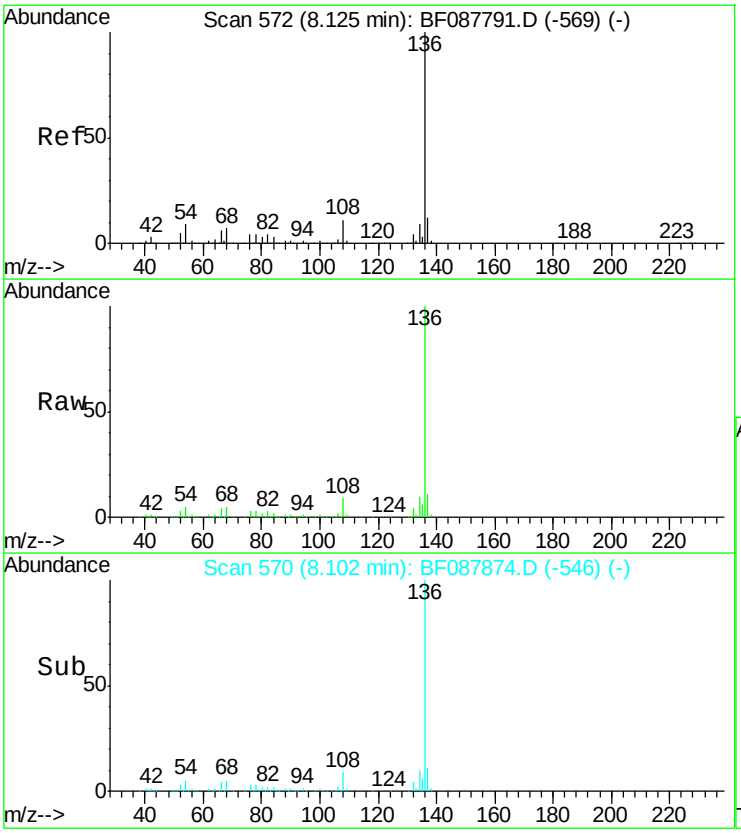
#19
n-Nitroso-di-n-propylamine
Concen: 4.60 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.10 min
Lab File: BF087874.D
Acq: 10 Jun 2016 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 27335

Ion	Ratio	Lower	Upper
70	100		
42	46.3	49.6	74.4#
101	0.0	7.1	10.7#
130	2.2	15.4	23.2#

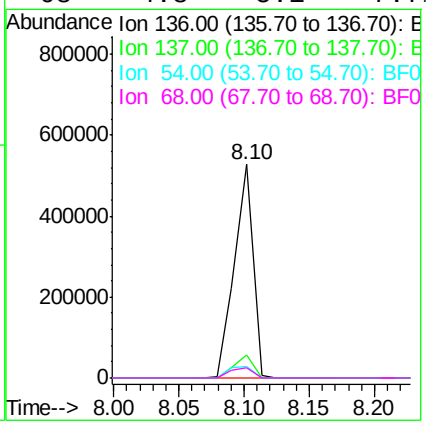


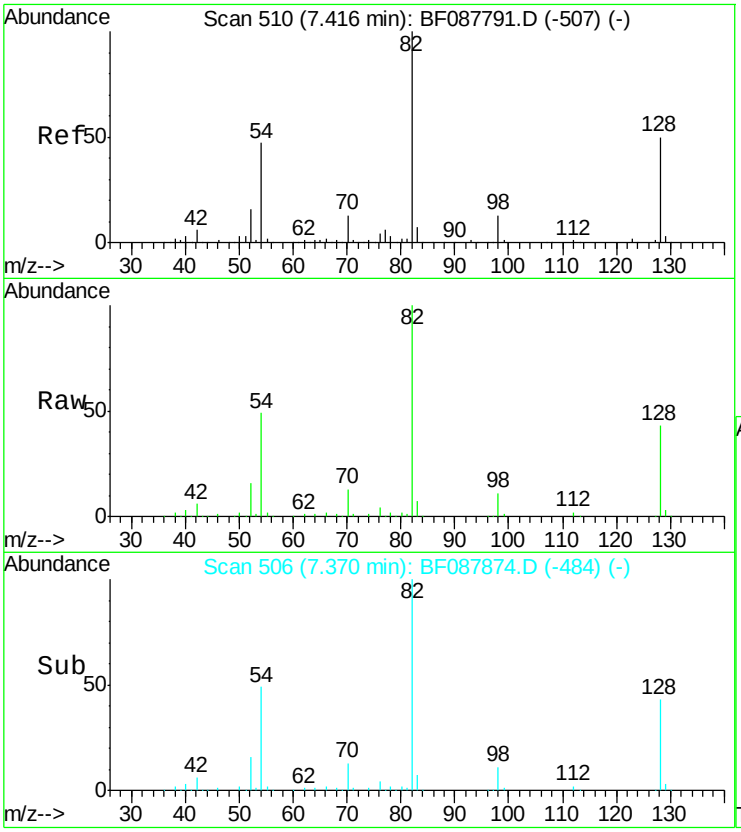


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF087874.D
Acq: 10 Jun 2016 15:00

Tgt Ion:136 Resp: 521945

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.4	6.6	10.0#
68	4.8	5.1	7.7#



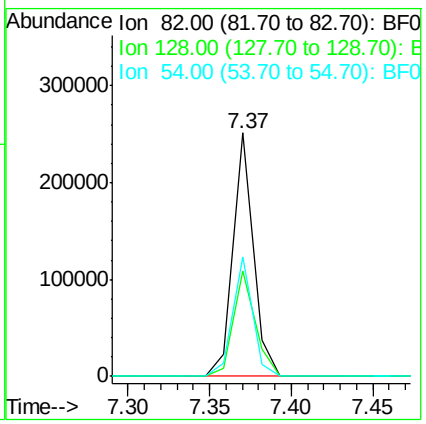


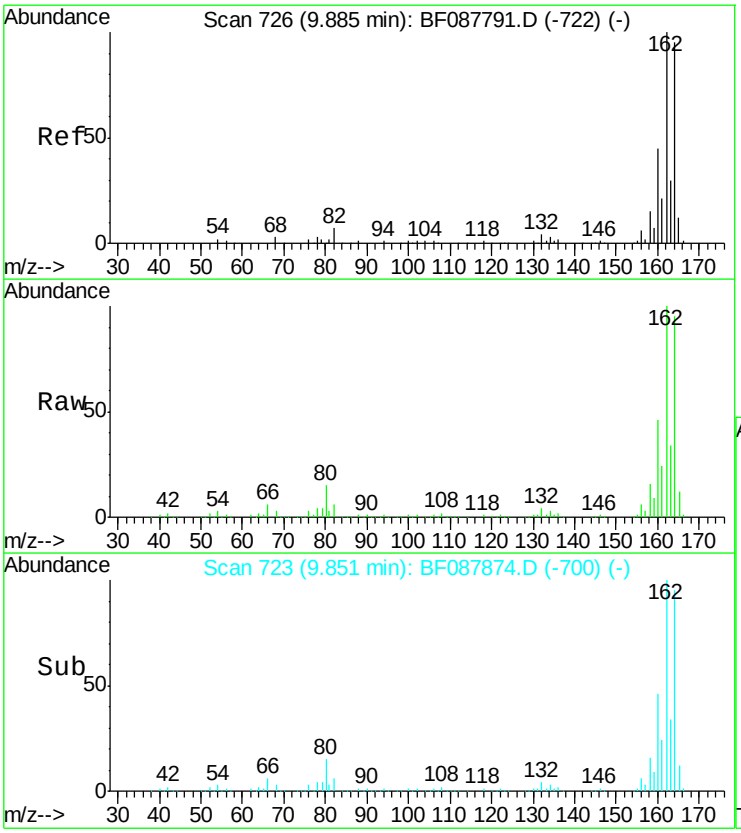
#23
Nitrobenzene-d5
Concen: 24.00 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.05 min
Lab File: BF087874.D
Acq: 10 Jun 2016 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 214530

Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.9	53.9
54	48.9	40.9	61.3

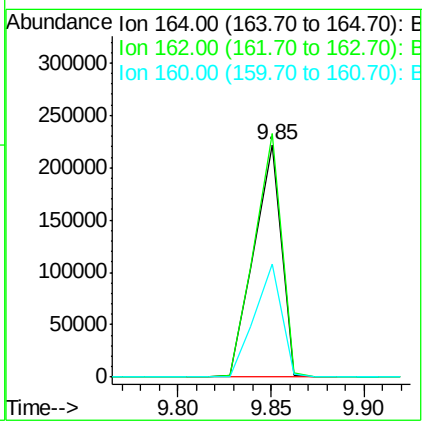


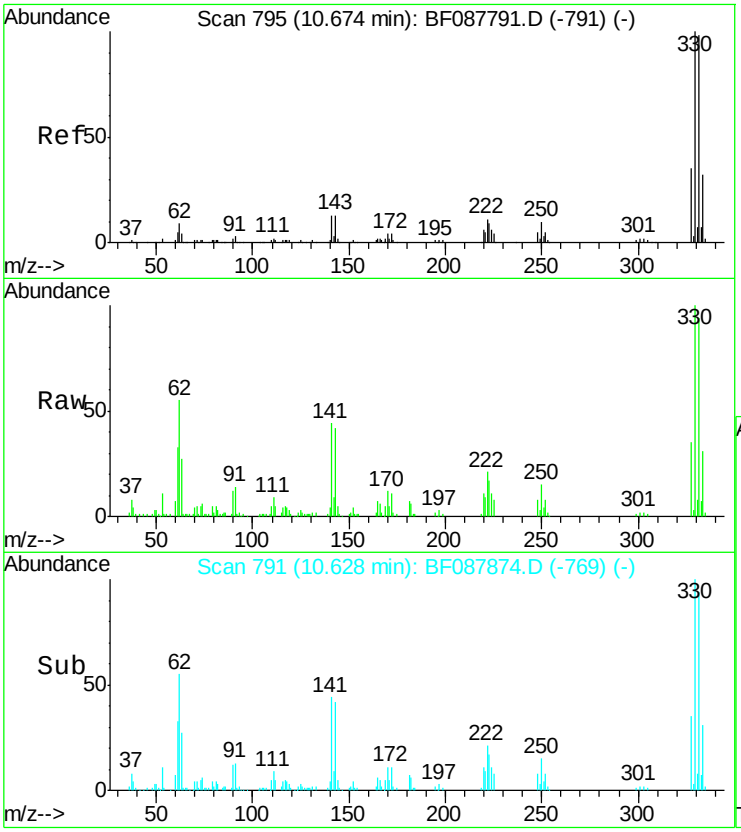


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF087874.D
Acq: 10 Jun 2016 15:00

Tgt Ion:164 Resp: 224652

Ion	Ratio	Lower	Upper
164	100		
162	104.9	85.4	128.2
160	48.6	39.5	59.3



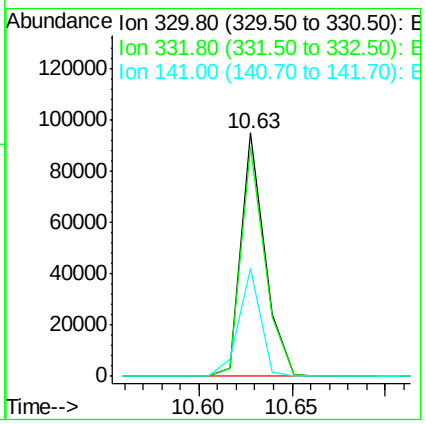


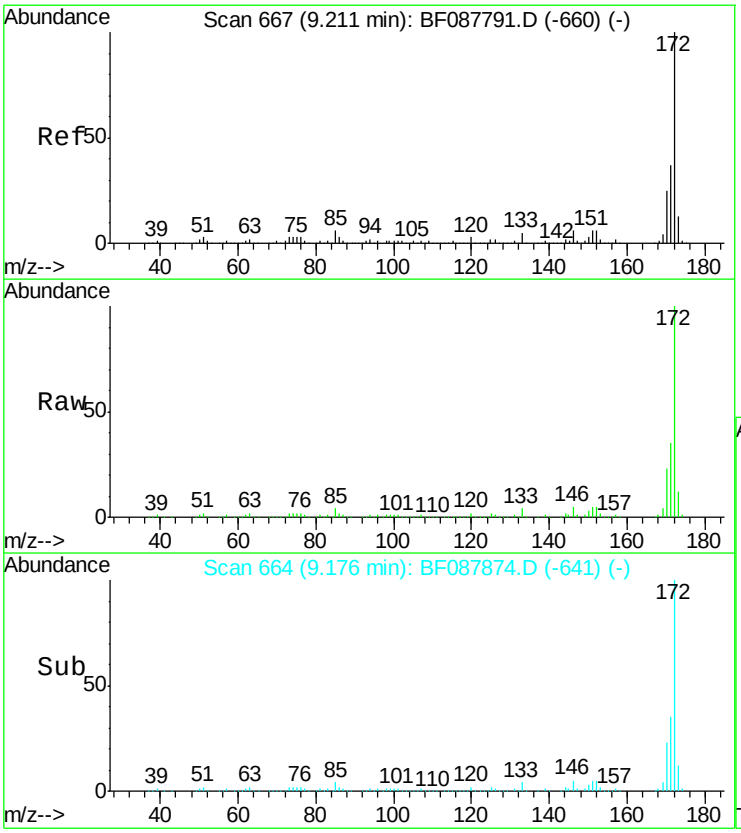
#41
2,4,6-Tribromophenol
Concen: 35.52 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.05 min
Lab File: BF087874.D
Acq: 10 Jun 2016 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 84256

Ion	Ratio	Lower	Upper
330	100		
332	94.4	0.0	0.0#
141	41.6	0.0	0.0#

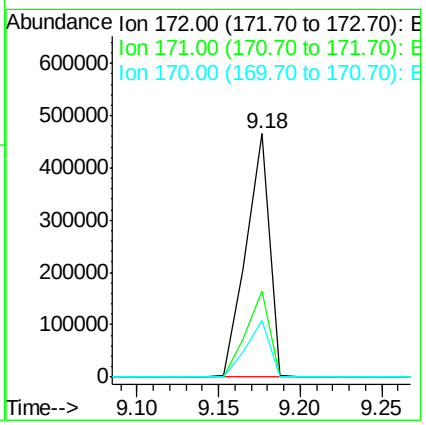


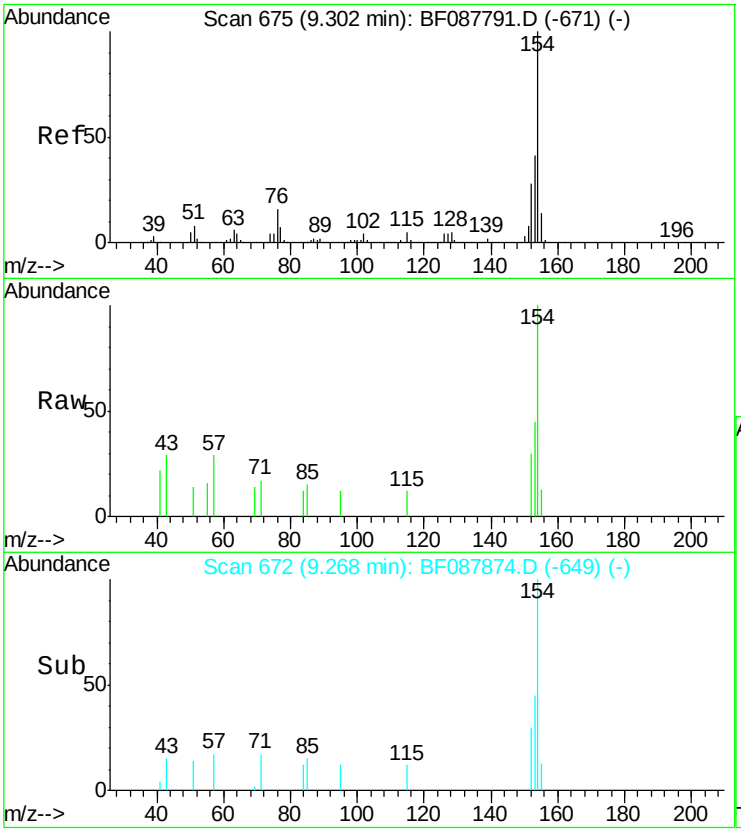


#44
2-Fluorobiphenyl
Concen: 28.68 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF087874.D
Acq: 10 Jun 2016 15:00

Tgt Ion:172 Resp: 462606

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.3	19.2	28.8



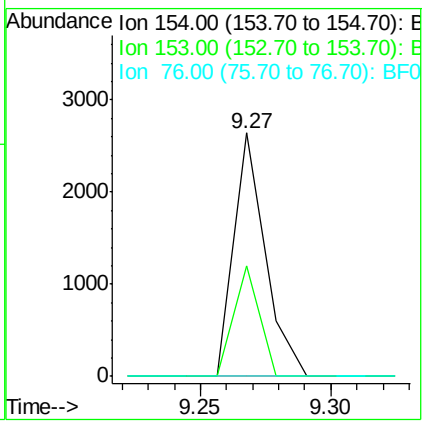


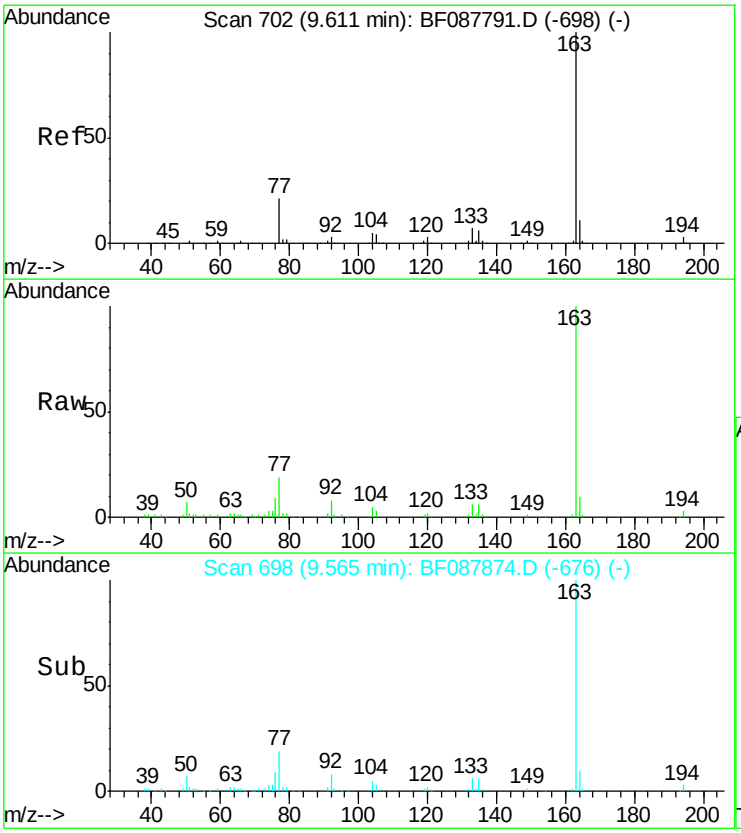
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.27 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF087874.D
Acq: 10 Jun 2016 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 2227

Ion	Ratio	Lower	Upper
154	100		
153	45.3	20.6	60.6
76	0.0	0.0	35.1

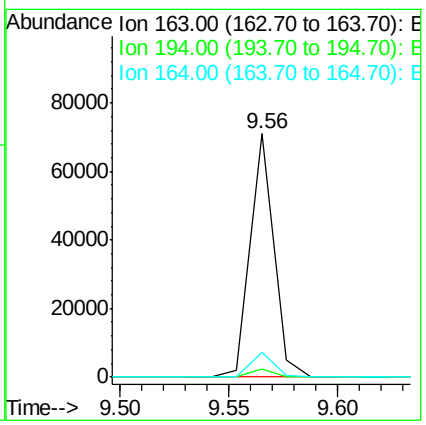


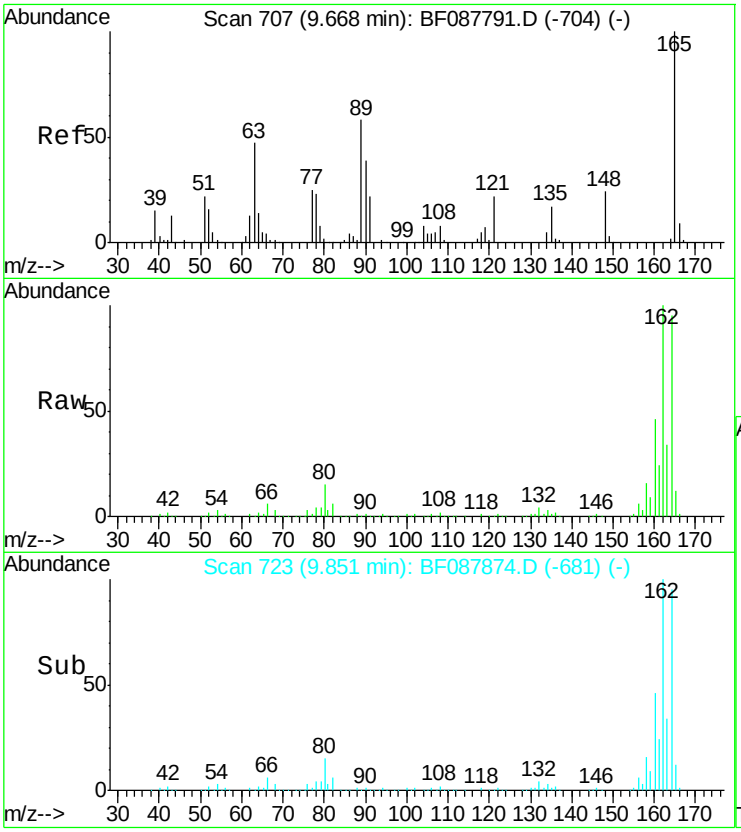


#49
Dimethylphthalate
Concen: 3.29 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.05 min
Lab File: BF087874.D
Acq: 10 Jun 2016 15:00

Tgt Ion:163 Resp: 53538

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.2	8.3	12.5



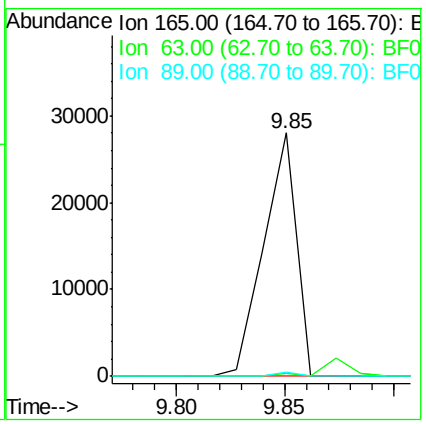


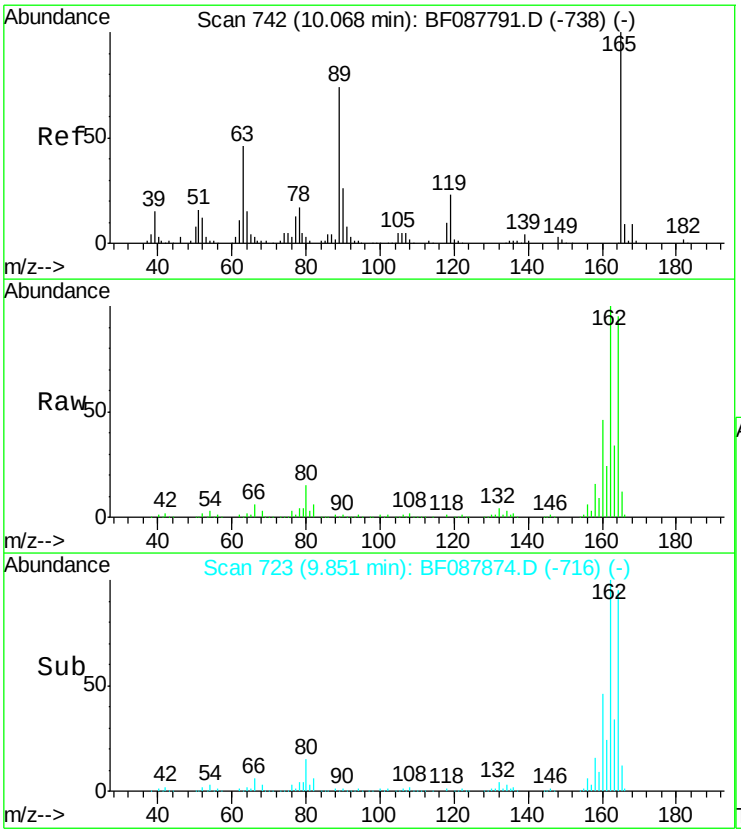
#50
2,6-Dinitrotoluene
Concen: 7.91 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.18 min
Lab File: BF087874.D
Acq: 10 Jun 2016 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 29462

Ion	Ratio	Lower	Upper
165	100		
63	1.3	28.1	42.1#
89	1.6	32.2	48.2#

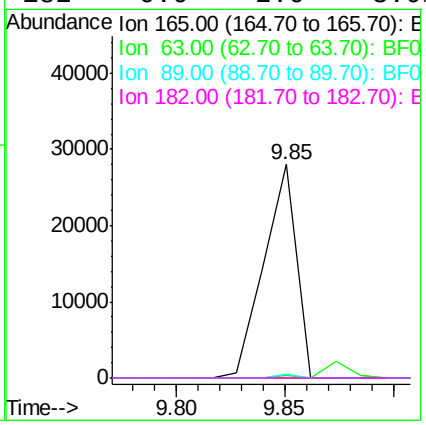


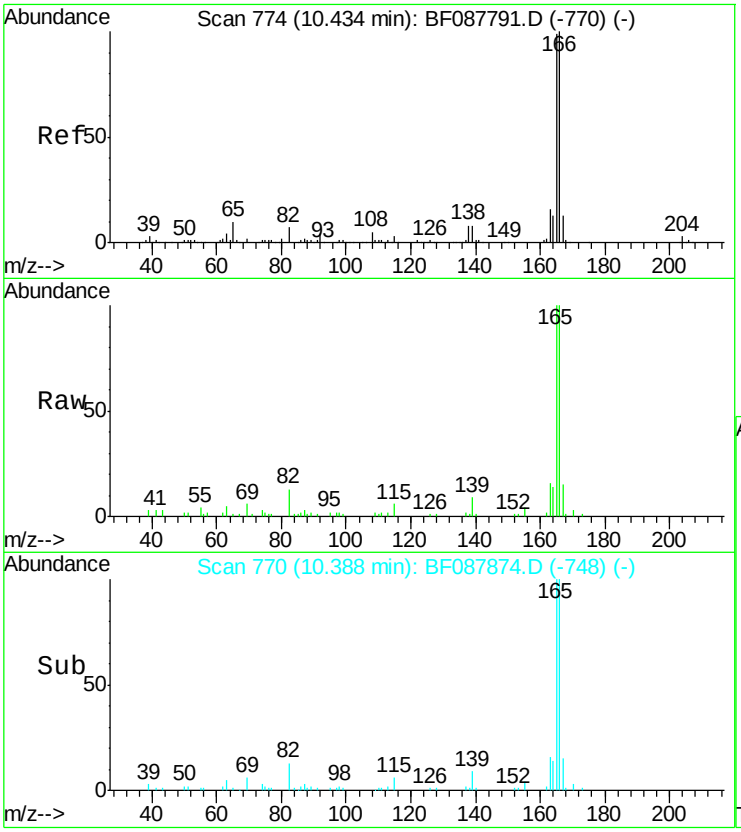


#56
2,4-Dinitrotoluene
Concen: 6.15 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.22 min
Lab File: BF087874.D
Acq: 10 Jun 2016 15:00

Tgt Ion:165 Resp: 29462

Ion	Ratio	Lower	Upper
165	100		
63	1.3	22.0	33.0#
89	1.6	41.1	61.7#
182	0.0	2.0	3.0#



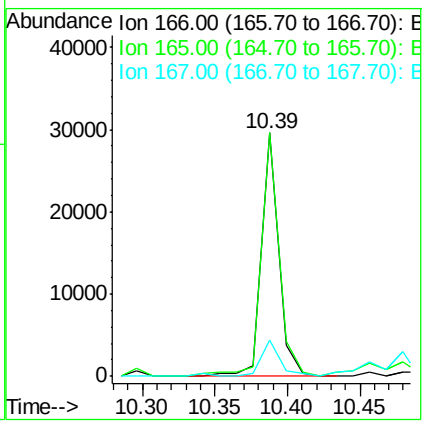


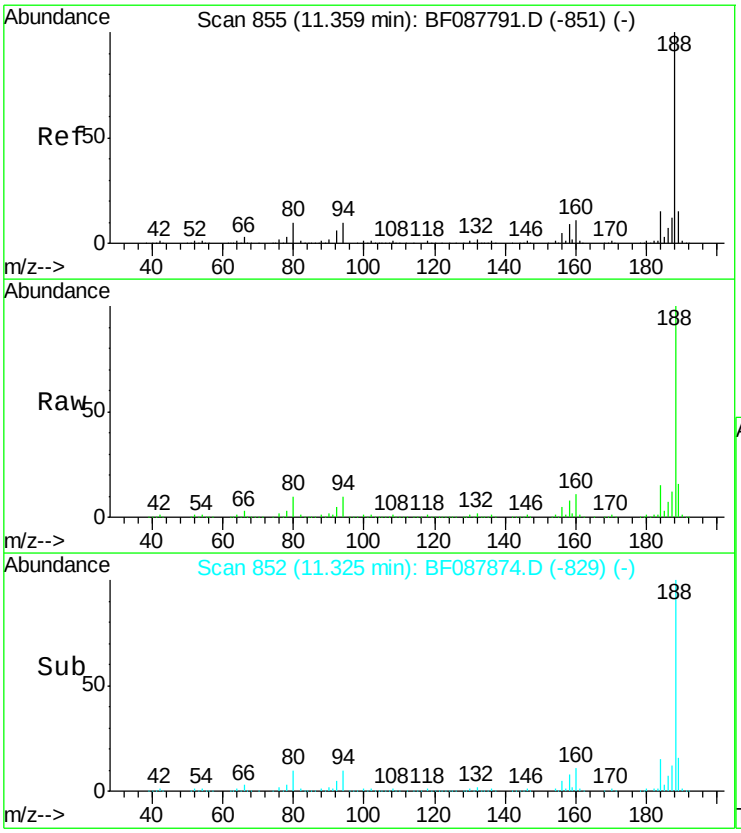
#57
Fluorene
Concen: Below Cal
RT: 10.39 min Scan# 770
Delta R.T. -0.05 min
Lab File: BF087874.D
Acq: 10 Jun 2016 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 24405

Ion	Ratio	Lower	Upper
166	100		
165	100.1	77.8	116.8
167	14.6	11.2	16.8

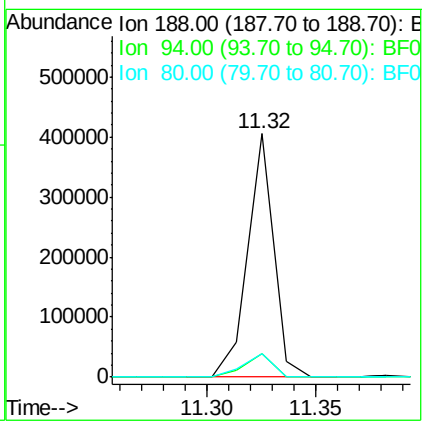


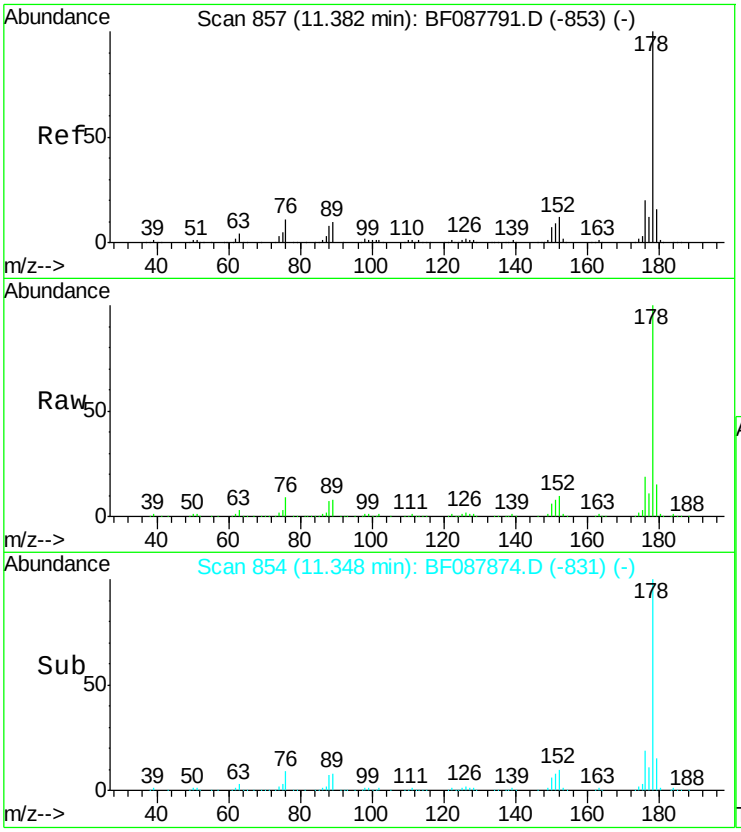


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087874.D
Acq: 10 Jun 2016 15:00

Tgt Ion:188 Resp: 336503

Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.0	13.6
80	9.8	10.0	15.0#



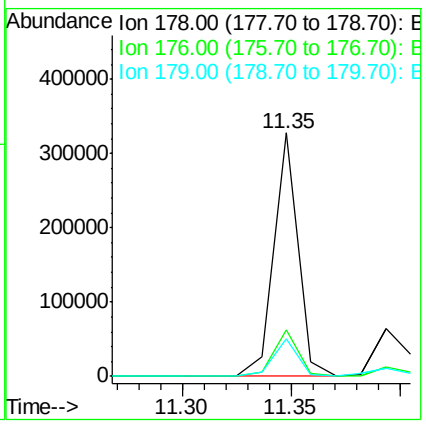


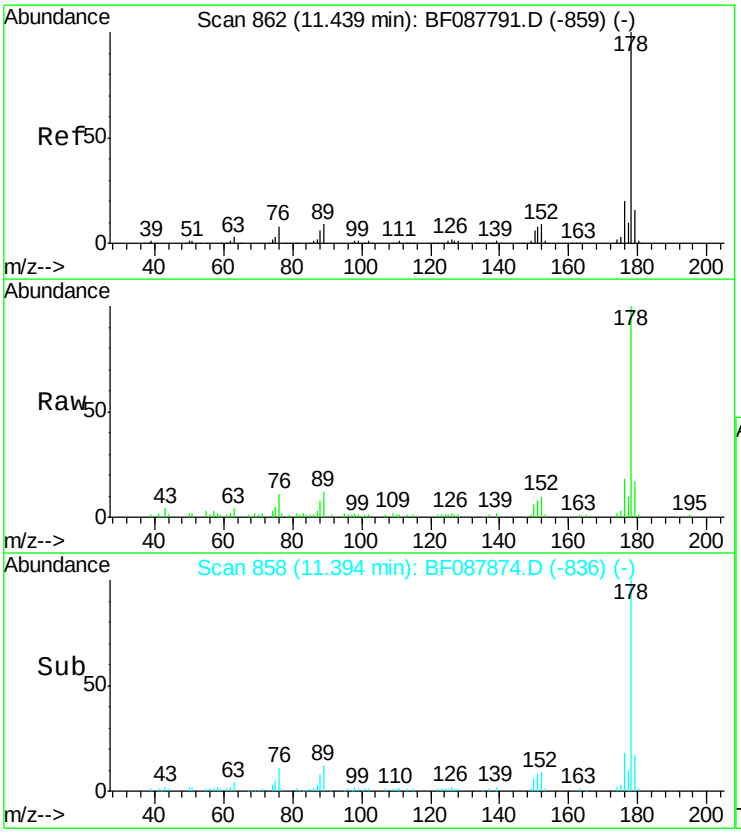
#70
Phenanthrene
Concen: 14.56 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.03 min
Lab File: BF087874.D
Acq: 10 Jun 2016 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 257158

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	15.3	13.0	19.4

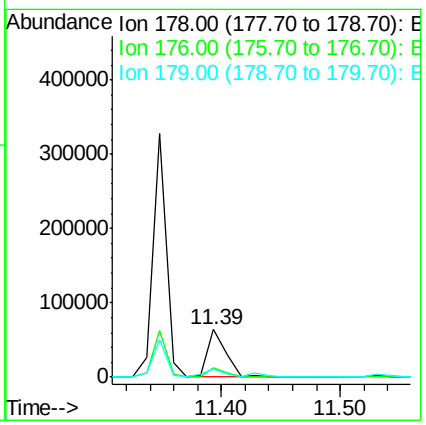


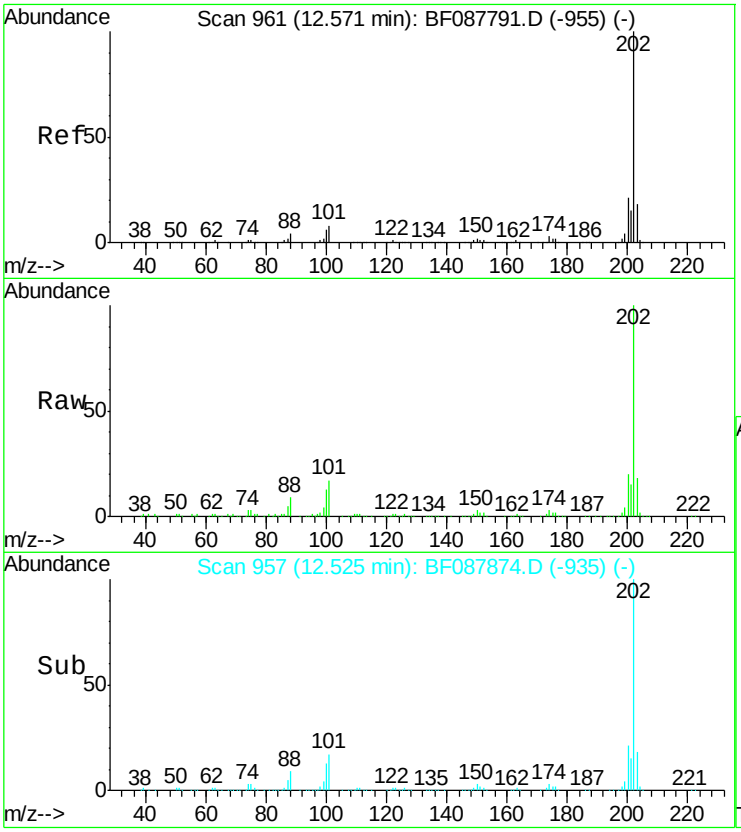


#71
Anthracene
Concen: 3.85 ng
RT: 11.39 min Scan# 858
Delta R.T. -0.05 min
Lab File: BF087874.D
Acq: 10 Jun 2016 15:00

Tgt Ion:178 Resp: 68578

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.6	23.4
179	16.6	12.8	19.2



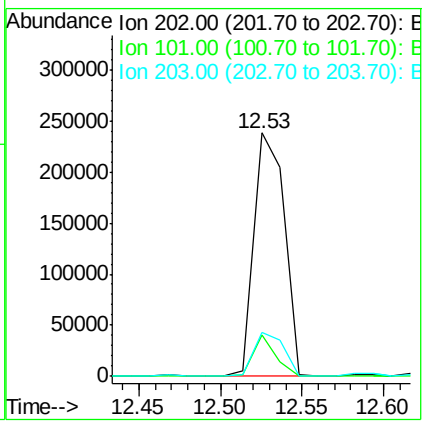


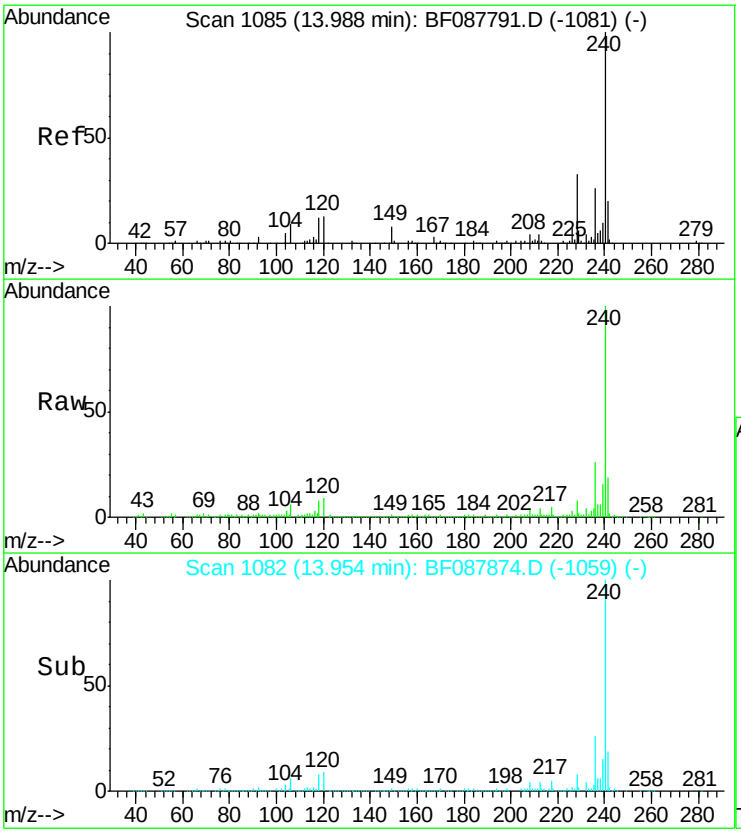
#74
Fluoranthene
Concen: 16.53 ng
RT: 12.53 min Scan# 957
Delta R.T. -0.05 min
Lab File: BF087874.D
Acq: 10 Jun 2016 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 308038

Ion	Ratio	Lower	Upper
202	100		
101	17.2	0.0	33.1
203	17.8	0.0	38.1

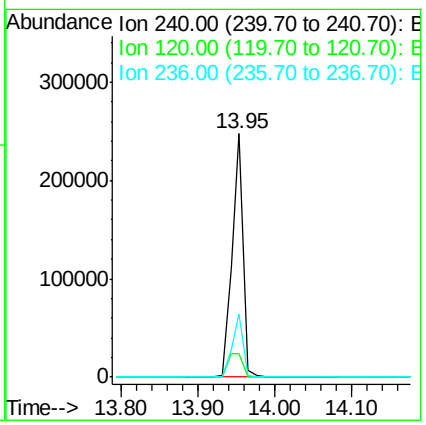


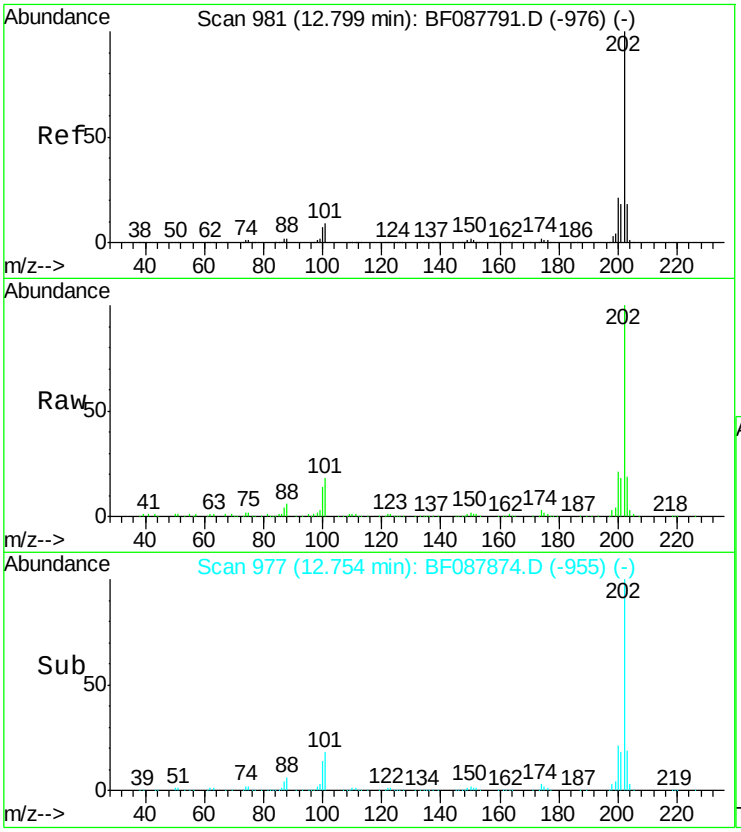


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087874.D
Acq: 10 Jun 2016 15:00

Tgt Ion:240 Resp: 256343

Ion	Ratio	Lower	Upper
240	100		
120	9.4	6.8	10.2
236	25.9	20.2	30.2



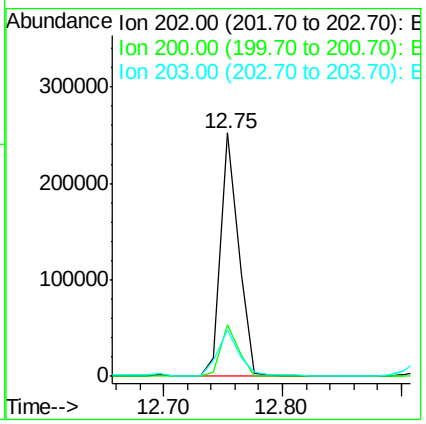


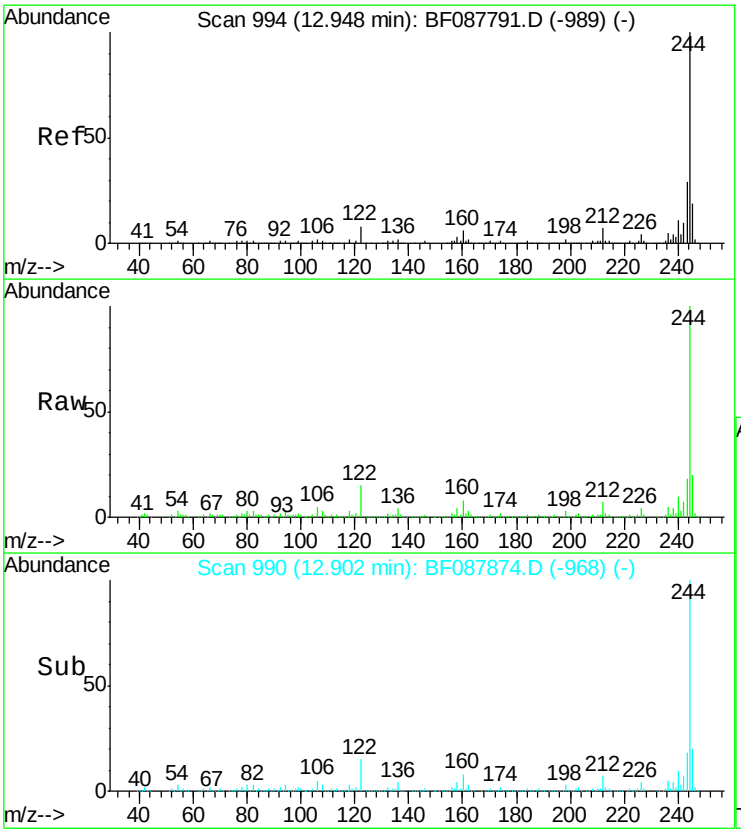
#77
Pyrene
Concen: 13.71 ng
RT: 12.75 min Scan# 977
Delta R.T. -0.05 min
Lab File: BF087874.D
Acq: 10 Jun 2016 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 260856

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	19.3	14.5	21.7

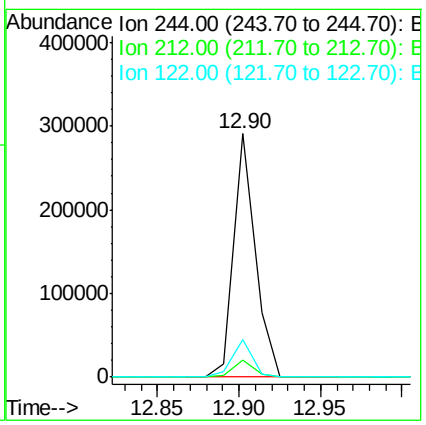


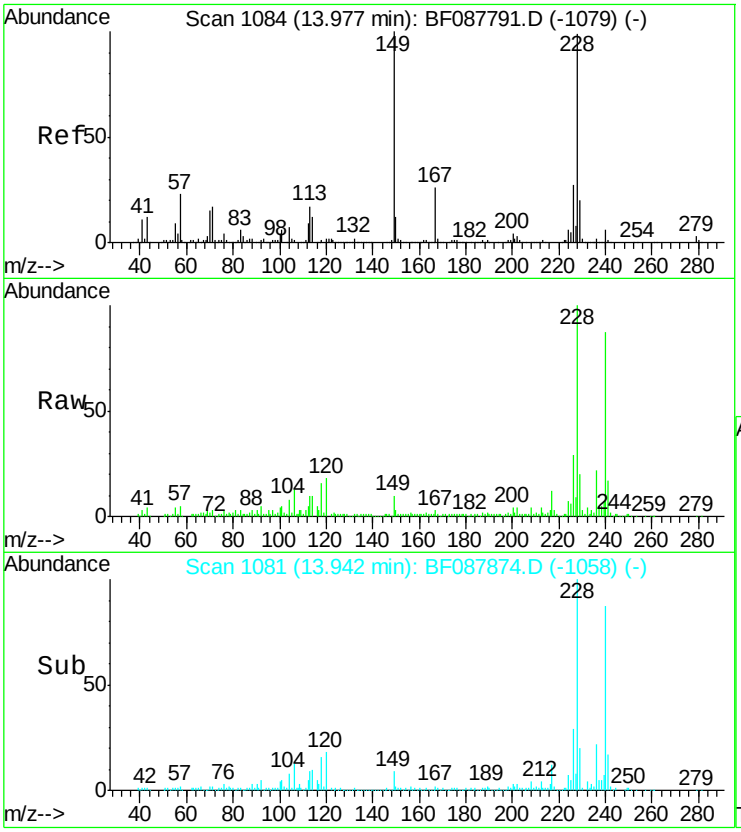


#78
Terphenyl-d14
Concen: 23.43 ng
RT: 12.90 min Scan# 990
Delta R.T. -0.05 min
Lab File: BF087874.D
Acq: 10 Jun 2016 15:00

Tgt Ion:244 Resp: 263941

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	15.4	11.2	16.8



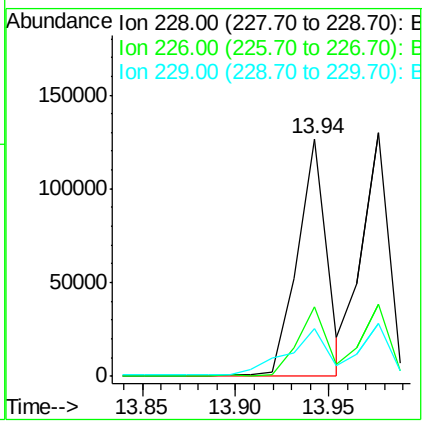


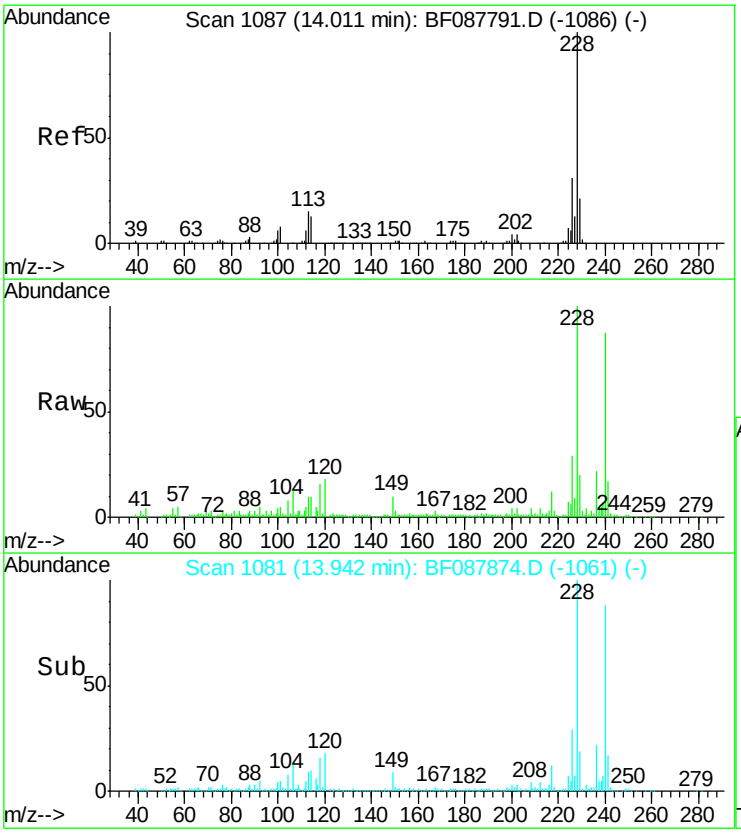
#80
Benzo(a)anthracene
Concen: 9.44 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.03 min
Lab File: BF087874.D
Acq: 10 Jun 2016 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 137910

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.3	33.5
229	20.4	16.0	24.0

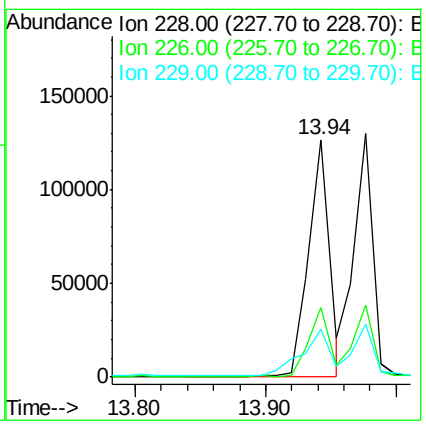


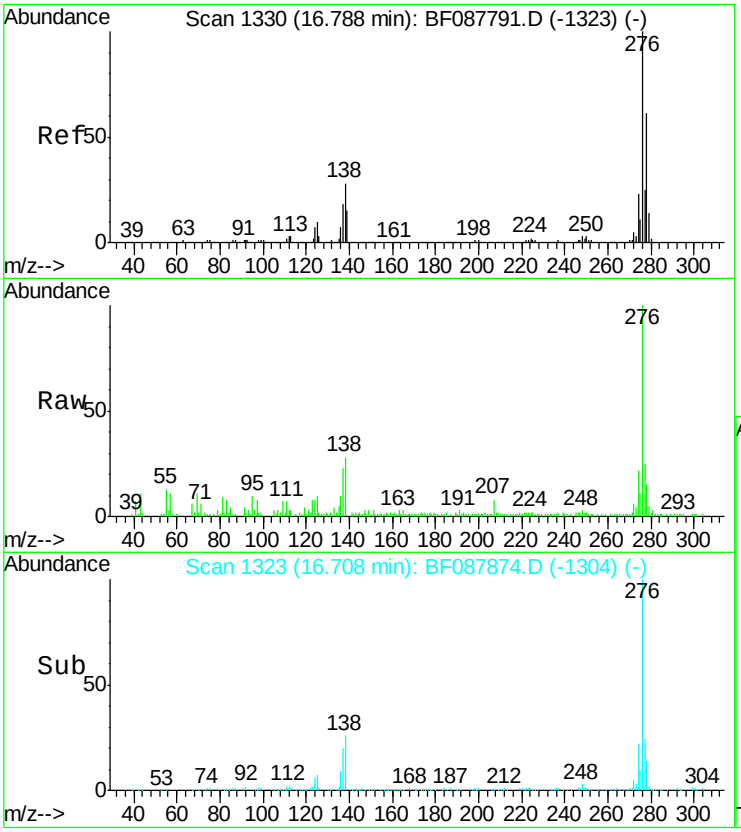


#82
Chrysene
Concen: 10.06 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.07 min
Lab File: BF087874.D
Acq: 10 Jun 2016 15:00

Tgt Ion:228 Resp: 138193

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.4	38.2
229	20.4	16.3	24.5



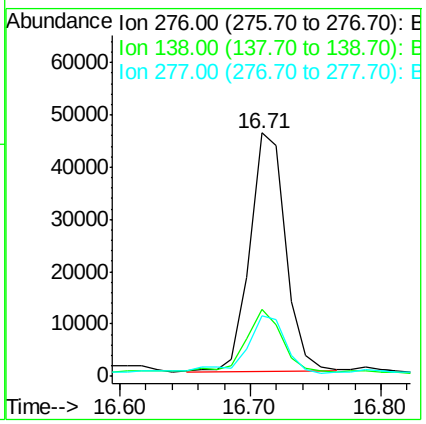


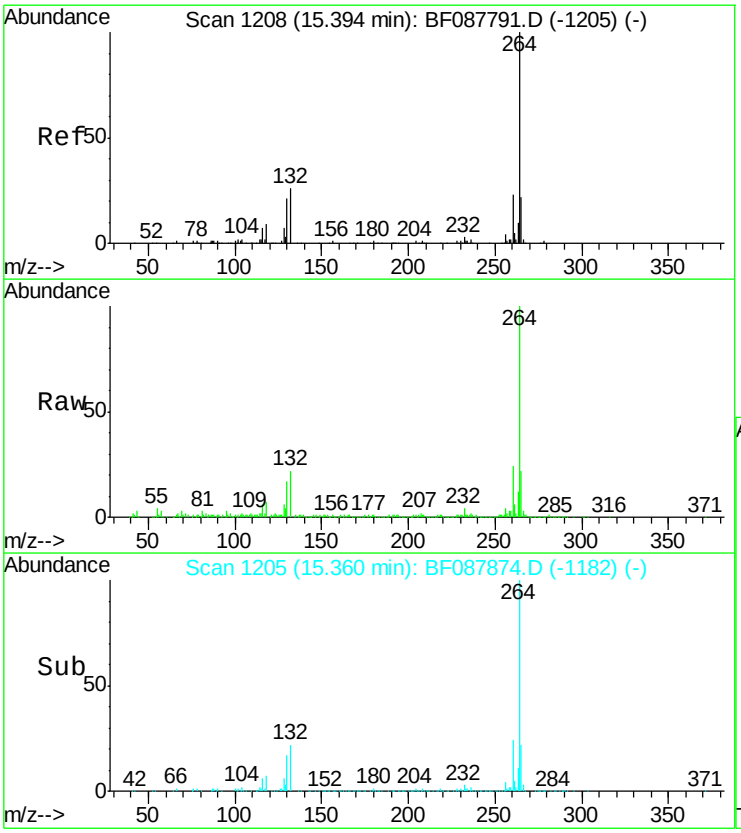
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.87 ng
RT: 16.71 min Scan# 1323
Delta R.T. -0.08 min
Lab File: BF087874.D
Acq: 10 Jun 2016 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 87658

Ion	Ratio	Lower	Upper
276	100		
138	27.0	0.0	0.0#
277	28.8	0.0	0.0#

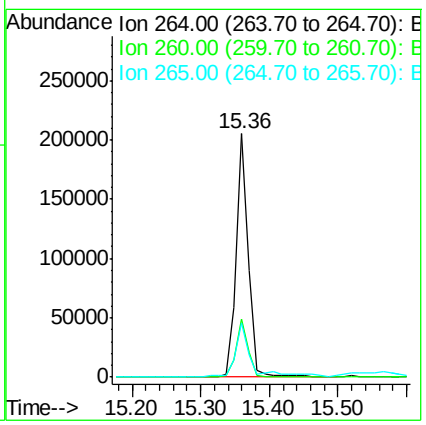


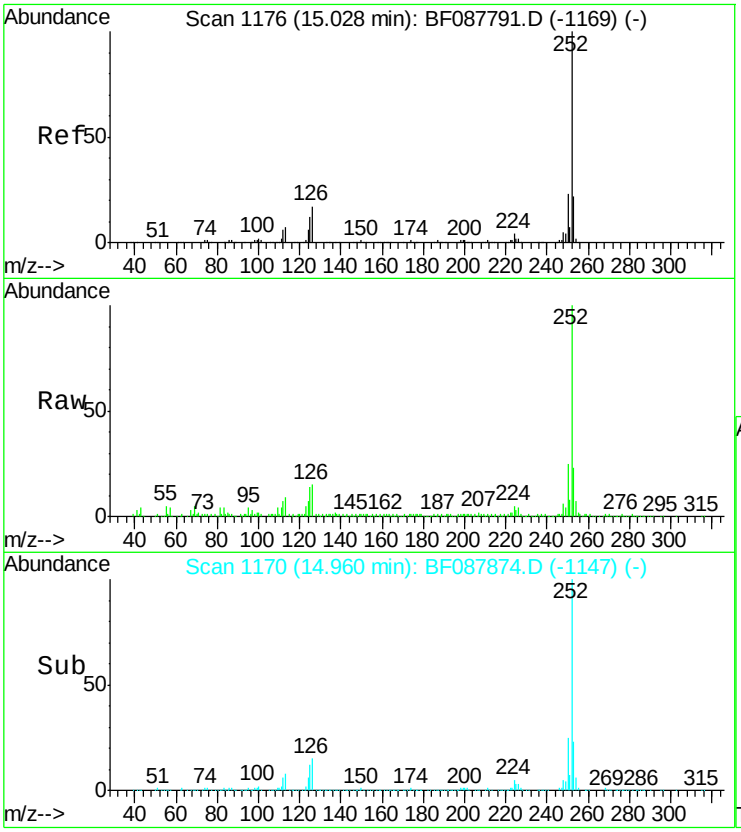


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF087874.D
Acq: 10 Jun 2016 15:00

Tgt Ion:264 Resp: 257431

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.5	16.9	25.3



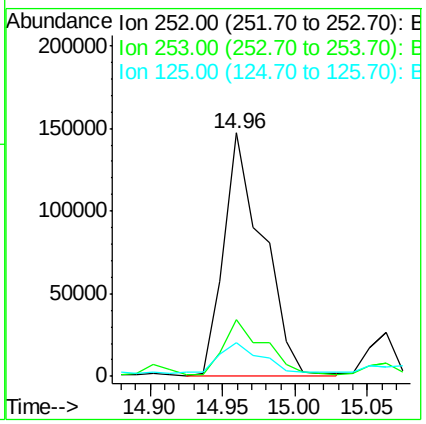


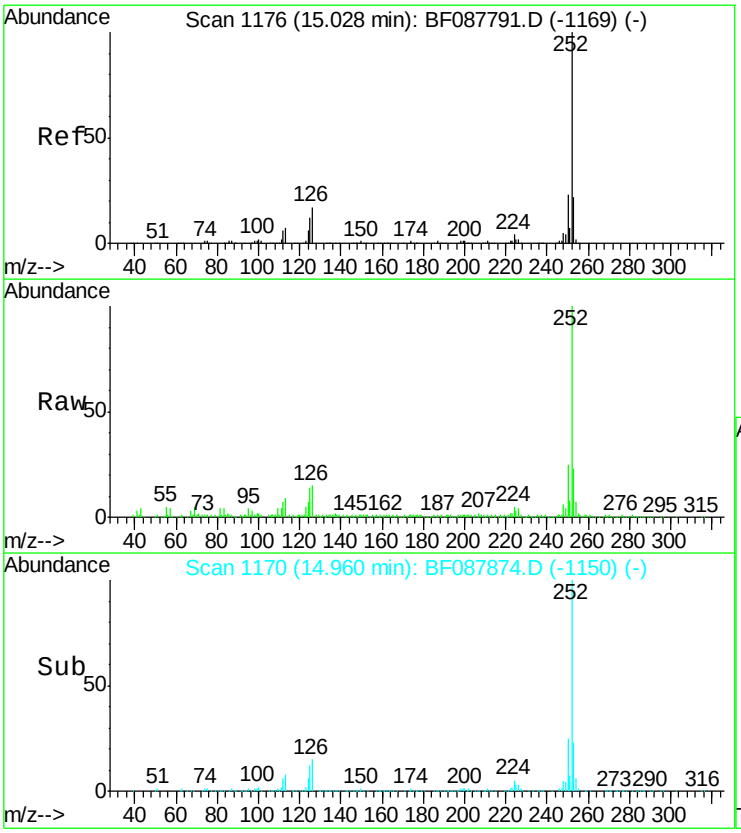
#87
Benzo(b)fluoranthene
Concen: 15.28 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.03 min
Lab File: BF087874.D
Acq: 10 Jun 2016 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 274127

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	13.8	7.1	10.7#

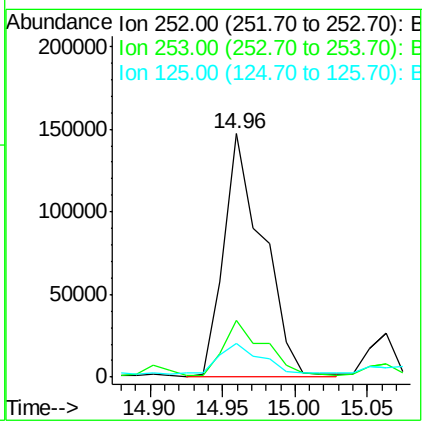


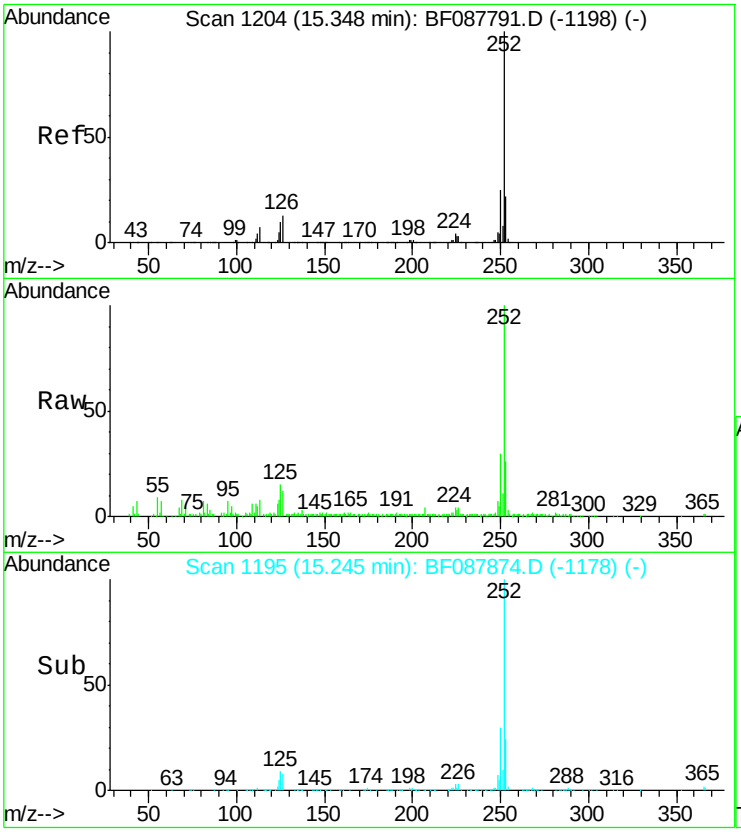


#88
Benzo(k)fluoranthene
Concen: 20.25 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.07 min
Lab File: BF087874.D
Acq: 10 Jun 2016 15:00

Tgt Ion:252 Resp: 274127

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	13.8	11.2	16.8



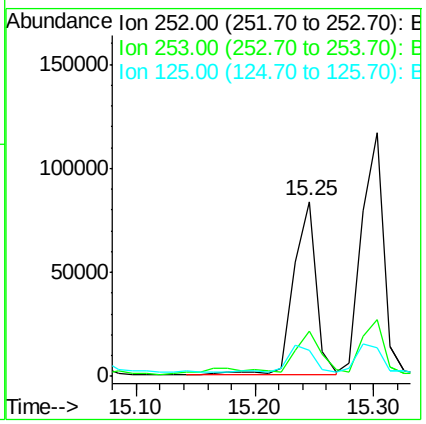


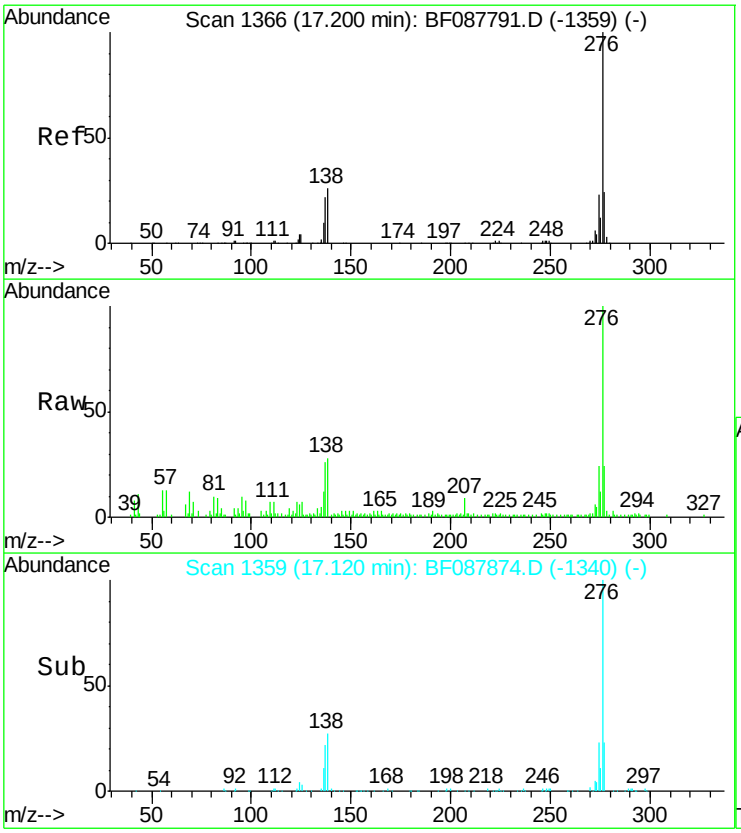
#89
Benzo(a)pyrene
Concen: 7.46 ng
RT: 15.25 min Scan# 1195
Delta R.T. -0.10 min
Lab File: BF087874.D
Acq: 10 Jun 2016 15:00

Instrument :
BNA_F
ClientSampleId :

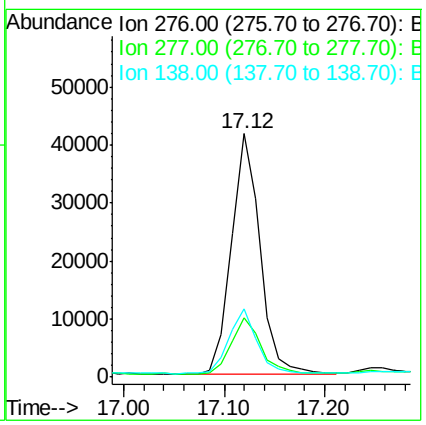
Tgt Ion:252 Resp: 108298

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.9	26.9
125	14.8	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 5.91 ng
RT: 17.12 min Scan# 1359
Delta R.T. -0.08 min
Lab File: BF087874.D
Acq: 10 Jun 2016 15:00

Tgt Ion:276 Resp: 82006

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.9	28.3
138	28.1	21.4	32.2