Quantitation Report (Not Reviewed)

Data Path : S:\HPCHEM1\BNA_F\DATA\BF060916\
Data File : BF087846.D
Acq On : 9 Jun 2016 12:13
Operator : UM/SJ
Sample : H3378-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-14DL

Quant Time: Jun 09 13:24:40 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	6.82	152	126391	20.00	ng		-0.02
21) Naphthalene-d8	8.10	136	516156	20.00	ng		-0.02
38) Acenaphthene-d10	9.85	164	240625	20.00	ng		-0.03
63) Phenanthrene-d10	11.34	188	441142	20.00	ng		-0.02
75) Chrysene-d12	13.95	240	274299	20.00	ng		-0.03
86) Perylene-d12	15.36	264	266561	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	89041	12.04	ng		-0.03
7) Phenol-d6	6.44	99	115240	12.86	ng		-0.03
23) Nitrobenzene-d5	7.38	82	66206	7.49	ng		-0.03
41) 2,4,6-Tribromophenol	10.64	330	27372	10.77	ng		-0.03
44) 2-Fluorobiphenyl	9.18	172	167820	5.80	ng		-0.03
78) Terphenyl-d14	12.91	244	129716	10.76	ng		-0.03
Target Compounds							Qvalue
10) Phenol	6.46	94	1350	Below Cal		#	77
31) Naphthalene	8.12	128	952025	37.27	ng		100
33) 4-Chloroaniline	8.12	127	125909	11.04	ng	#	30
37) 2-Methylnaphthalene	8.91	142	105956	6.29	ng		95
45) 1,1'-Biphenyl	9.28	154	59917	Below Cal			94
50) 2,6-Dinitrotoluene	9.85	165	36060	9.03	ng	#	40
51) Acenaphthene	9.88	154	200175	12.96	ng		100
54) Dibenzofuran	10.06	168	297470	13.98	ng		95
55) 4-Nitrophenol	10.06	139	108571	30.37	ng	#	6
57) Fluorene	10.40	166	365816	23.09	ng		98
70) Phenanthrene	11.36	178	1280080	55.30	ng		99
71) Anthracene	11.41	178	542369	23.23	ng		99
72) Carbazole	11.55	167	237984	10.89	ng		99
74) Fluoranthene	12.55	202	1301623	53.28	ng		94
77) Pyrene	12.77	202	987673	48.52	ng		98
80) Benzo(a)anthracene	13.94	228	506268	32.39	ng		99
82) Chrysene	13.94	228	506268	34.43	ng		95
85) Indeno(1,2,3-cd)pyrene	16.72	276	222956	16.32	ng	#	100
87) Benzo(b)fluoranthene	14.97	252	562445	30.27	ng	#	96
88) Benzo(k)fluoranthene	14.97	252	562445	40.13	ng		98
89) Benzo(a)pyrene	15.30	252	321884	21.41	ng		98
90) Dibenzo(a,h)anthracene	16.89	278	51814	3.71	ng		96
91) Benzo(g,h,i)perylene	17.13	276	193585	13.48	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : S:\HPCHEM1\BNA_F\DATA\BF060916\
Data File : BF087846.D
Acq On : 9 Jun 2016 12:13
Operator : UM/SJ
Sample : H3378-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-14DL

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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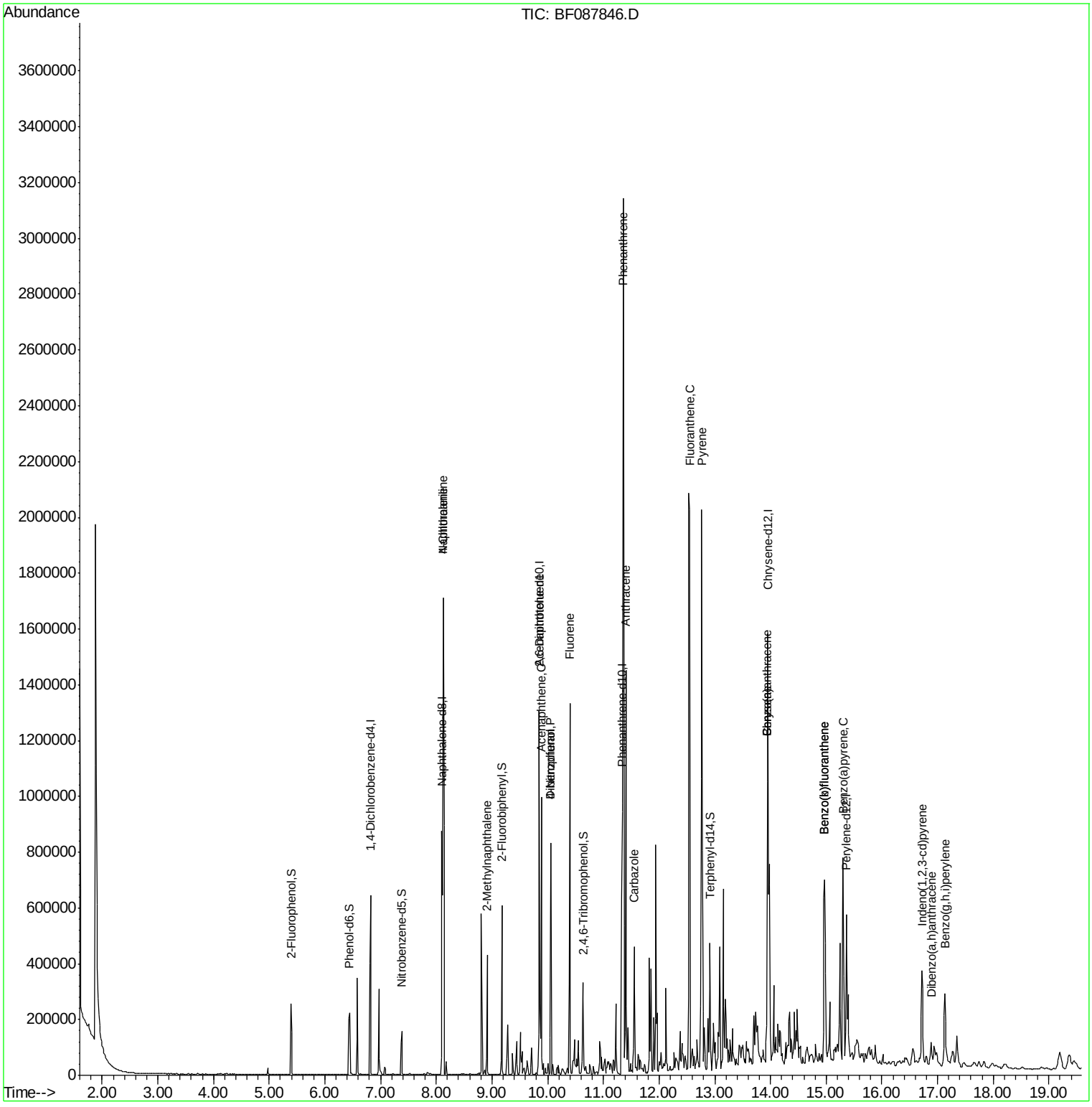
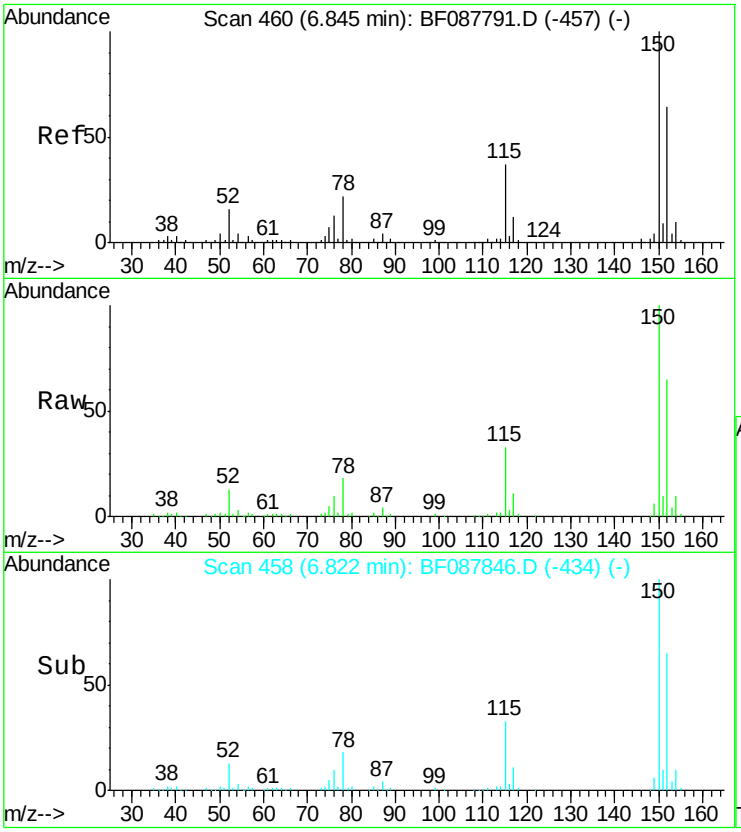


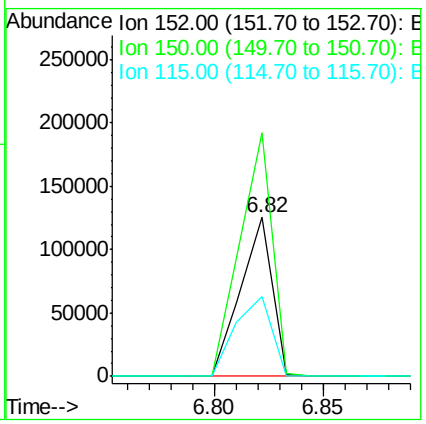


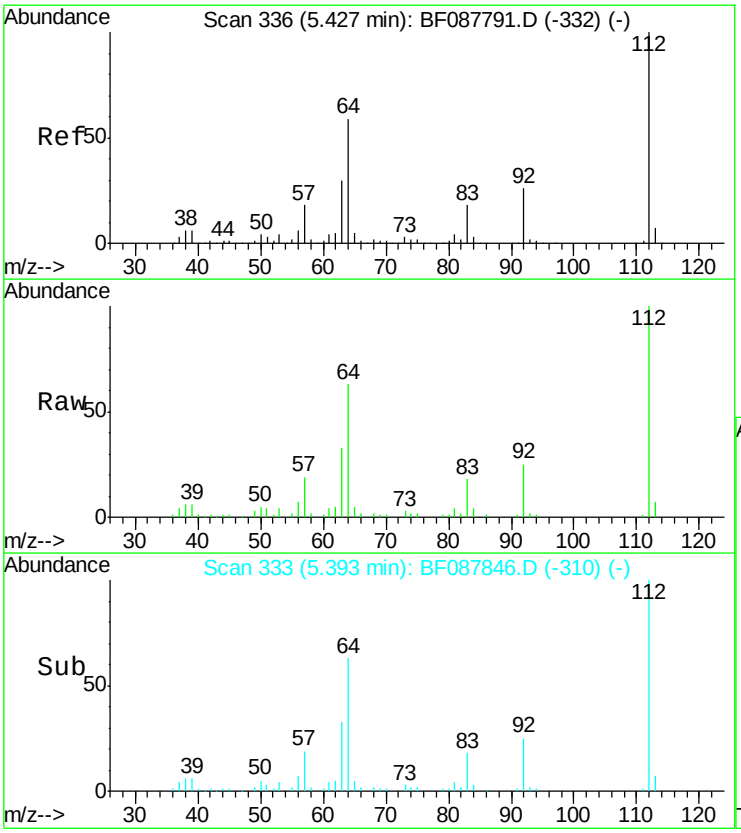
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Instrument :
BNA_F
ClientSampleId :
SS-14DL

Tgt Ion:152 Resp: 126391

Ion	Ratio	Lower	Upper
152	100		
150	153.3	123.8	185.6
115	50.6	39.6	59.4

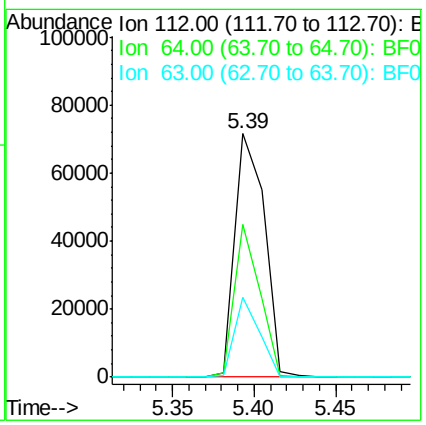


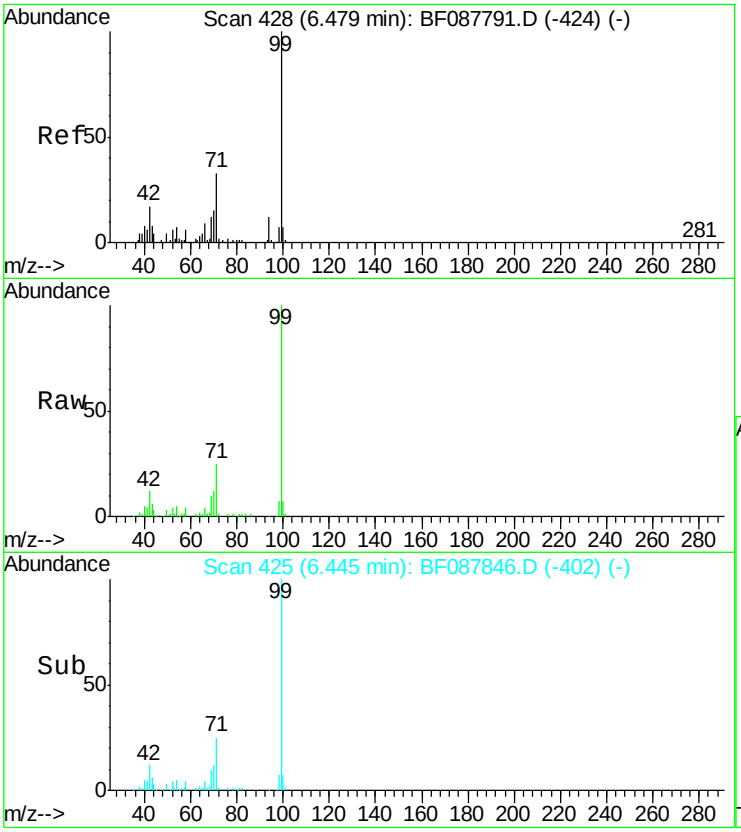


#5
2-Fluorophenol
Concen: 12.04 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.03 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Tgt Ion:112 Resp: 89041

Ion	Ratio	Lower	Upper
112	100		
64	62.8	42.2	63.2
63	32.6	21.8	32.8



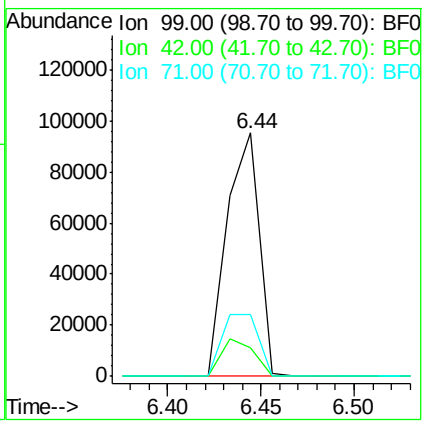


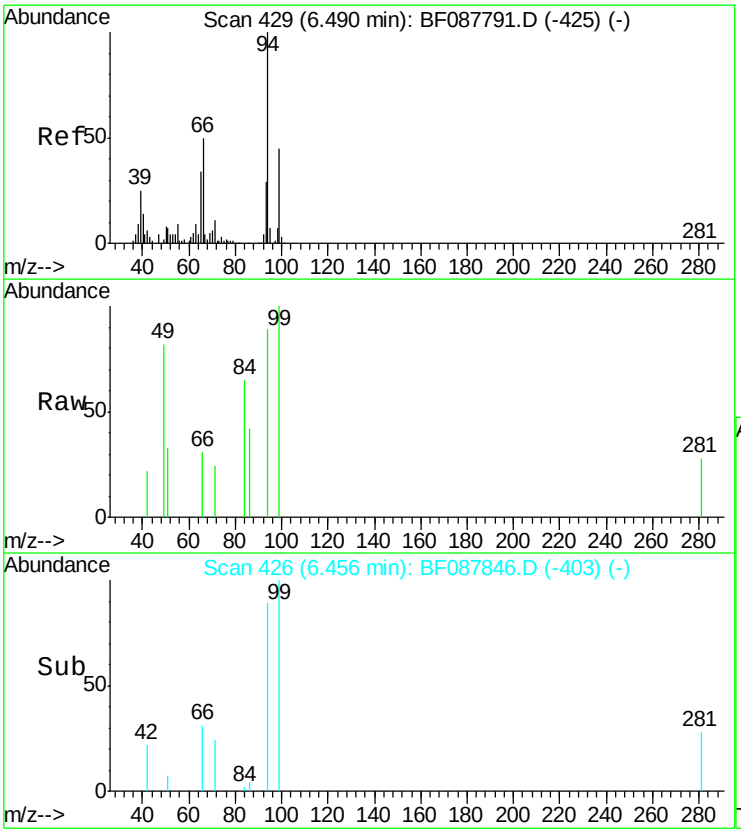
#7
Phenol-d6
Concen: 12.86 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.03 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Instrument :
BNA_F
ClientSampleId :
SS-14DL

Tgt Ion: 99 Resp: 115240

Ion	Ratio	Lower	Upper
99	100		
42	11.9	12.2	18.2#
71	25.3	23.4	35.0

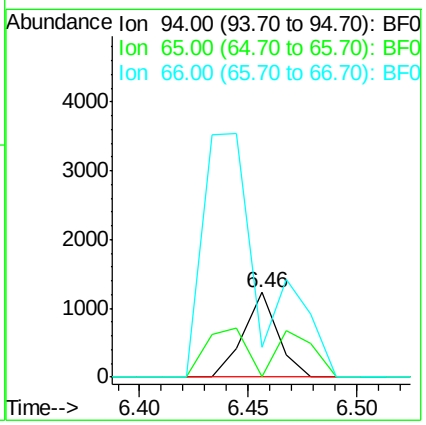


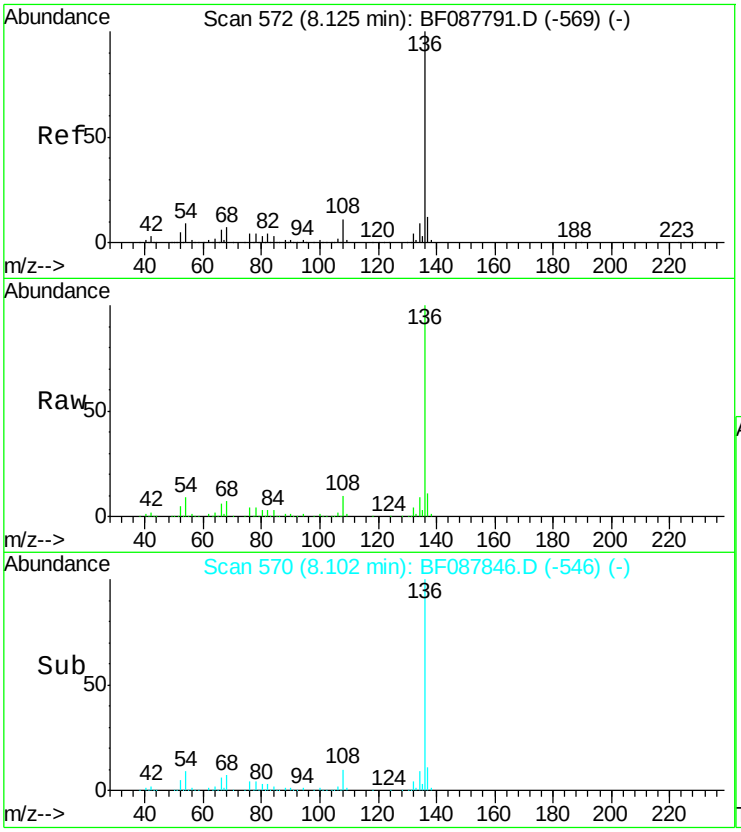


#10
Phenol
Concen: Below Cal
RT: 6.46 min Scan# 426
Delta R.T. -0.03 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Tgt Ion: 94 Resp: 1350

Ion	Ratio	Lower	Upper
94	100		
65	0.0	5.9	45.9#
66	35.1	14.0	54.0



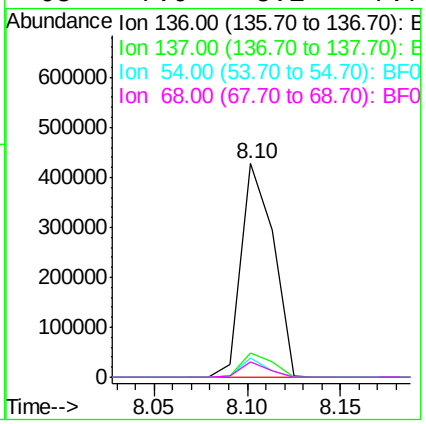


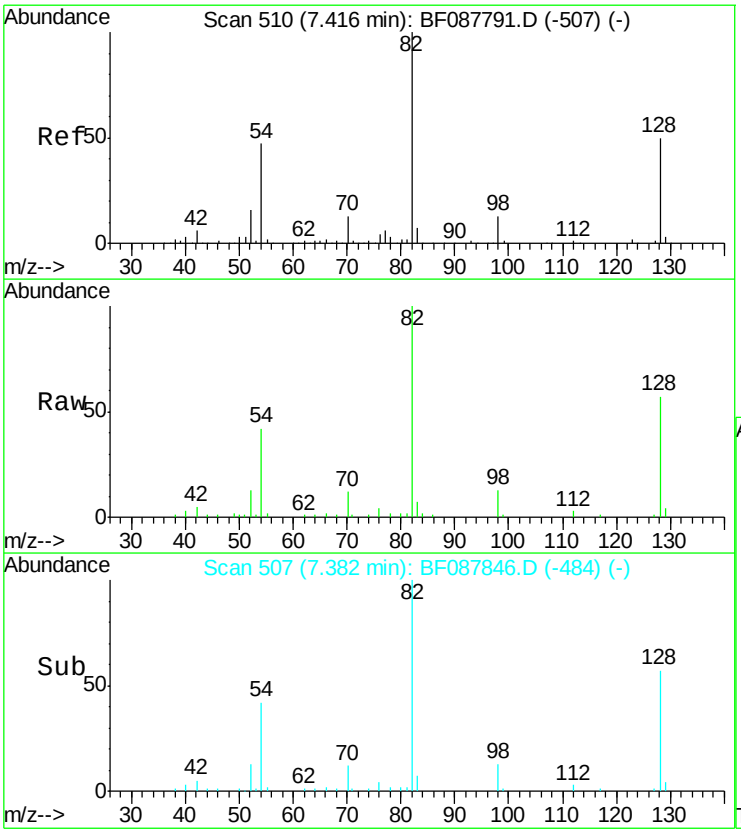
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Instrument :
BNA_F
ClientSampleId :
SS-14DL

Tgt Ion:136 Resp: 516156

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.8	6.6	10.0
68	7.0	5.1	7.7

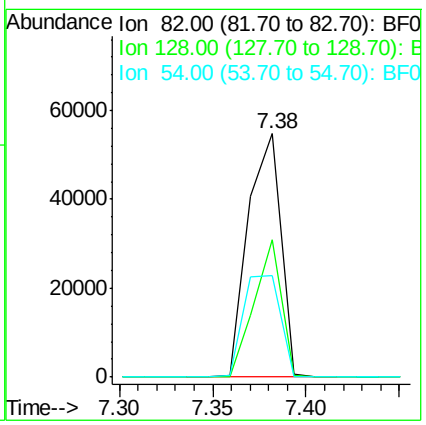


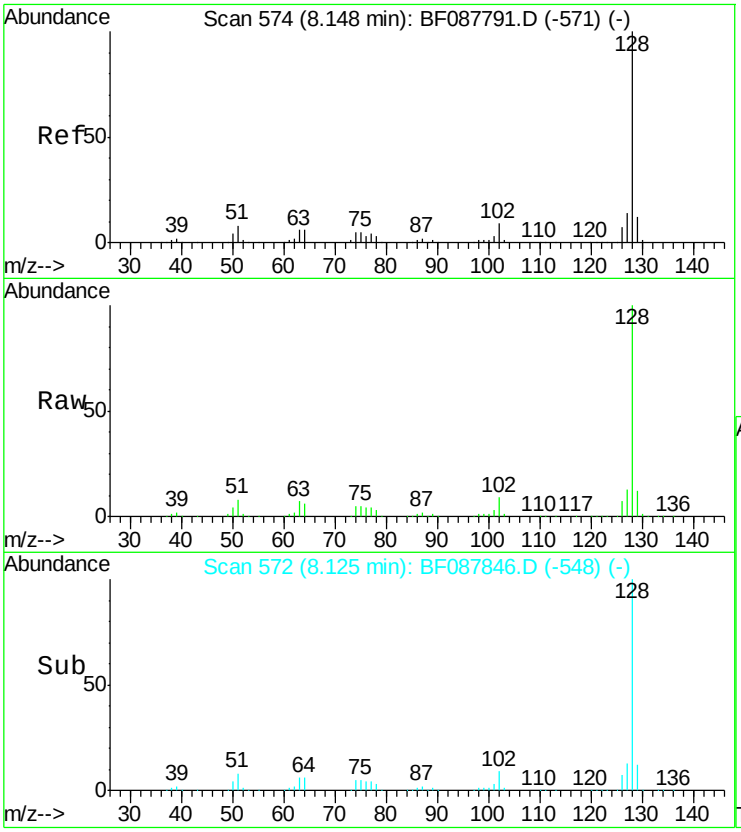


#23
Nitrobenzene-d5
Concen: 7.49 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.03 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Tgt Ion: 82 Resp: 66206

Ion	Ratio	Lower	Upper
82	100		
128	56.6	35.9	53.9#
54	41.7	40.9	61.3



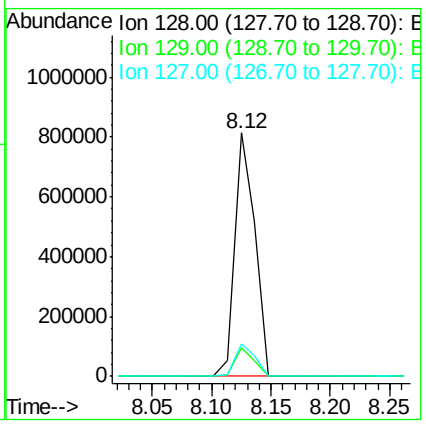


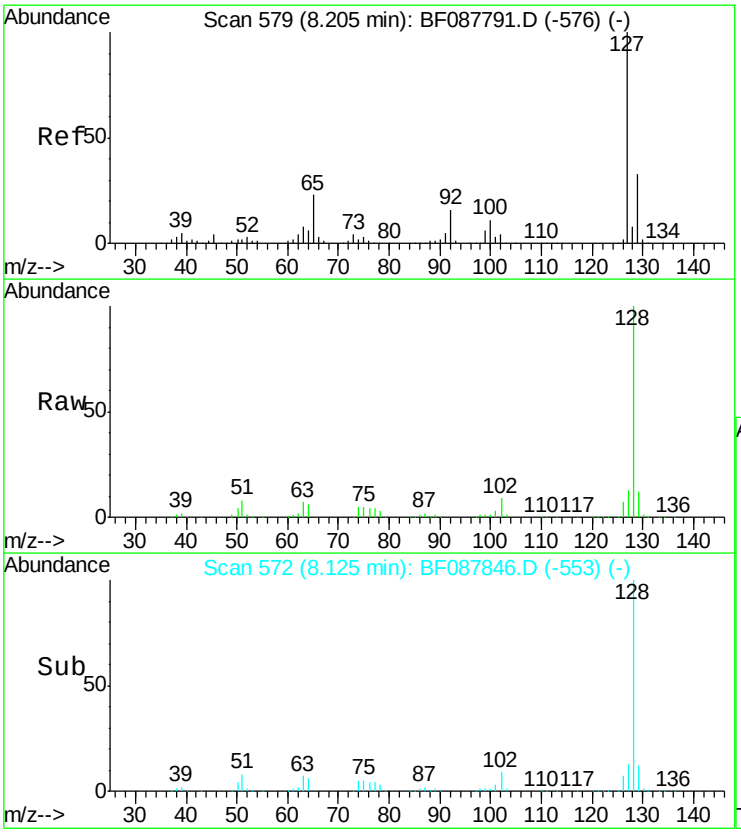
#31
Naphthalene
Concen: 37.27 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.02 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Instrument :
BNA_F
ClientSampleId :
SS-14DL

Tgt Ion:128 Resp: 952025

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.2
127	13.4	10.9	16.3

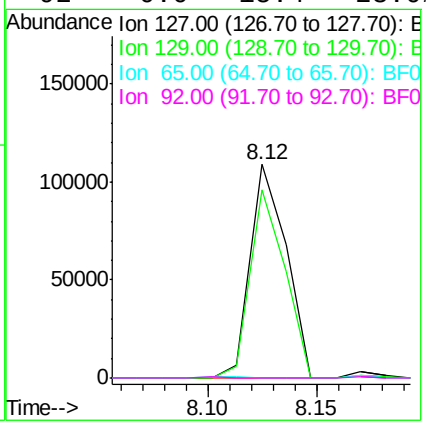


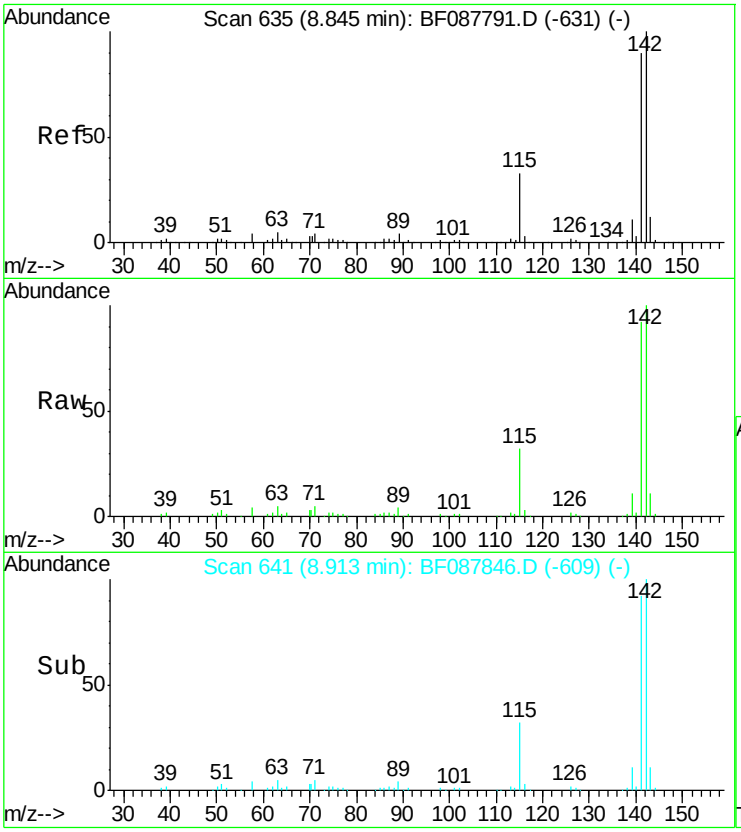


#33
4-Chloroaniline
Concen: 11.04 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.08 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Tgt Ion:127 Resp: 125909

Ion	Ratio	Lower	Upper
127	100		
129	88.1	26.3	39.5#
65	0.0	24.7	37.1#
92	0.0	15.4	23.0#



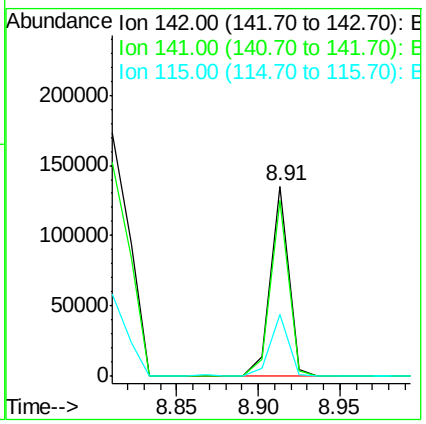


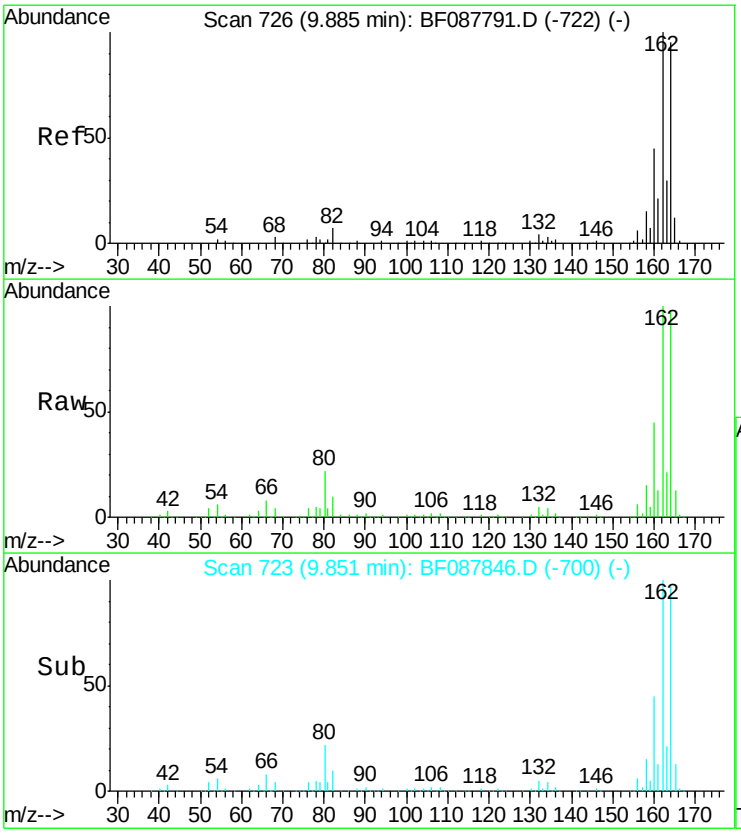
#37
2-Methylnaphthalene
Concen: 6.29 ng
RT: 8.91 min Scan# 641
Delta R.T. 0.07 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Instrument :
BNA_F
ClientSampleId :
SS-14DL

Tgt Ion:142 Resp: 105956

Ion	Ratio	Lower	Upper
142	100		
141	92.2	71.0	106.6
115	32.3	22.6	33.8

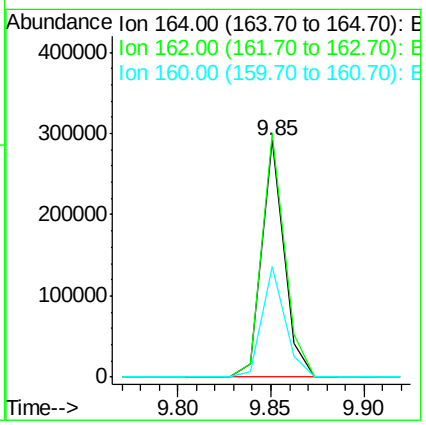


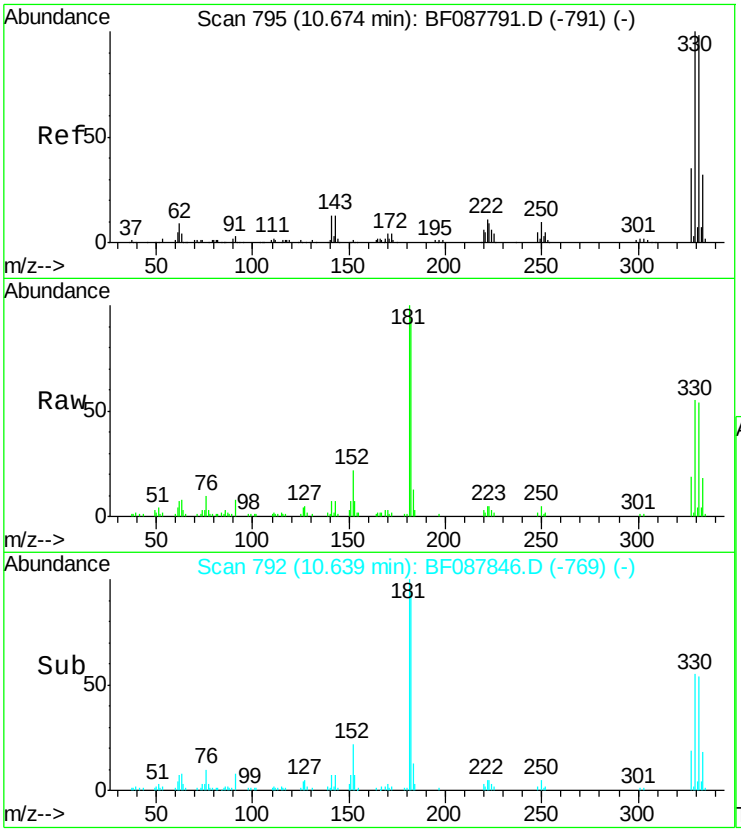


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Tgt Ion:164 Resp: 240625

Ion	Ratio	Lower	Upper
164	100		
162	102.9	85.4	128.2
160	46.6	39.5	59.3



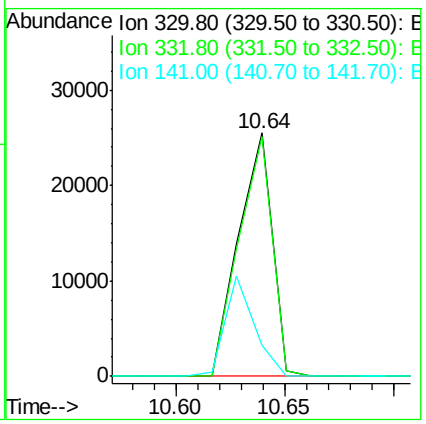


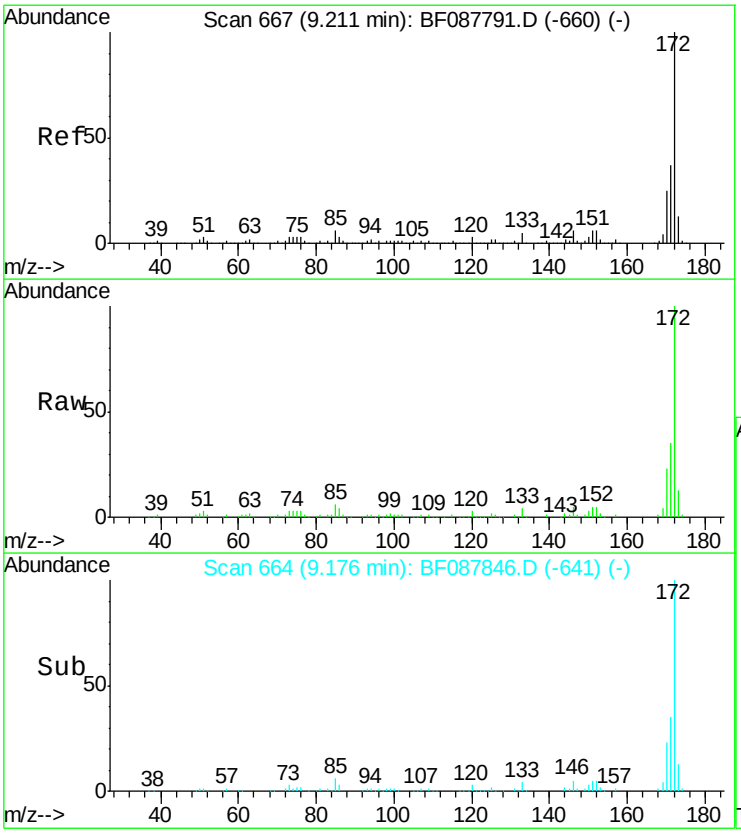
#41
2,4,6-Tribromophenol
Concen: 10.77 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.03 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Instrument :
BNA_F
ClientSampleId :
SS-14DL

Tgt Ion:330 Resp: 27372

Ion	Ratio	Lower	Upper
330	100		
332	97.8	0.0	0.0#
141	35.7	0.0	0.0#

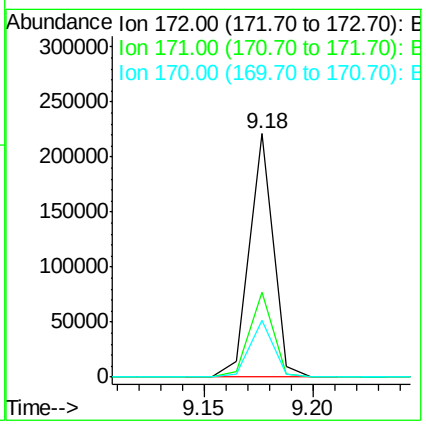


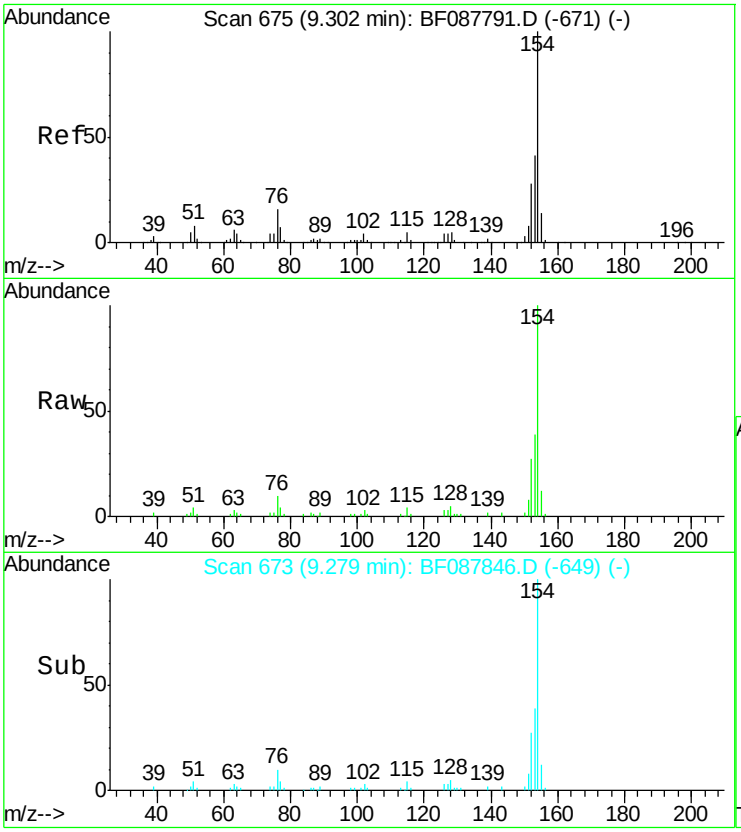


#44
2-Fluorobiphenyl
Concen: 5.80 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Tgt Ion:172 Resp: 167820

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	43.0
170	23.3	19.2	28.8



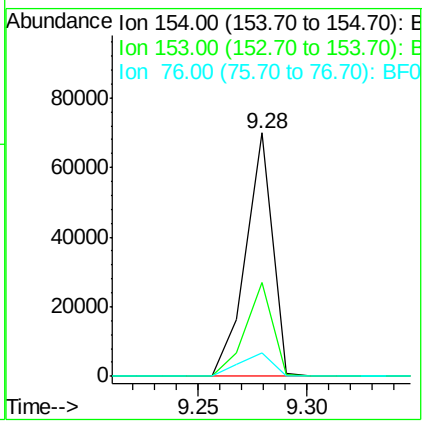


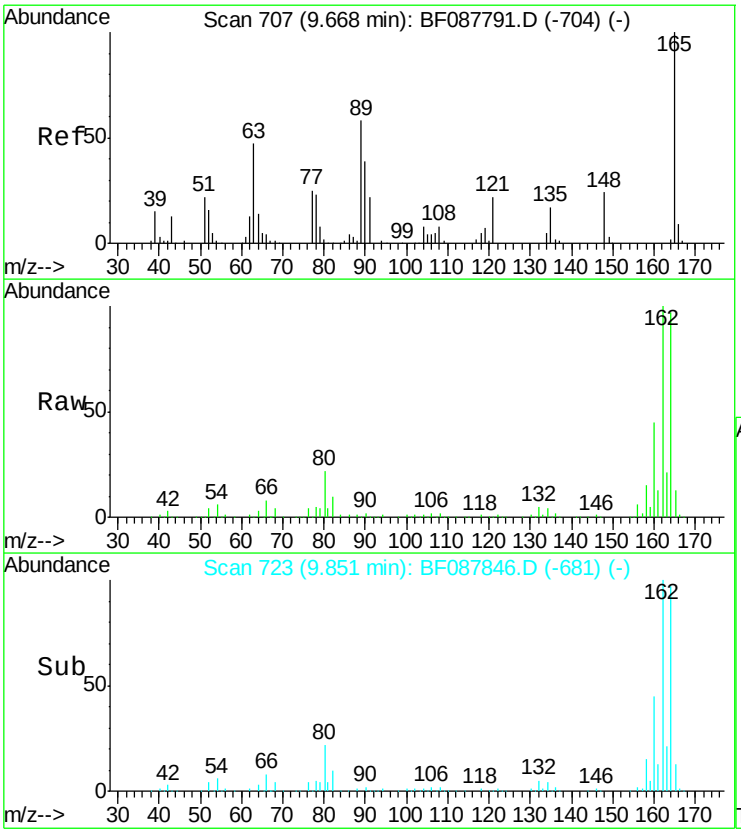
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.28 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Instrument :
BNA_F
ClientSampleId :
SS-14DL

Tgt Ion:154 Resp: 59917

Ion	Ratio	Lower	Upper
154	100		
153	38.5	20.6	60.6
76	9.7	0.0	35.1

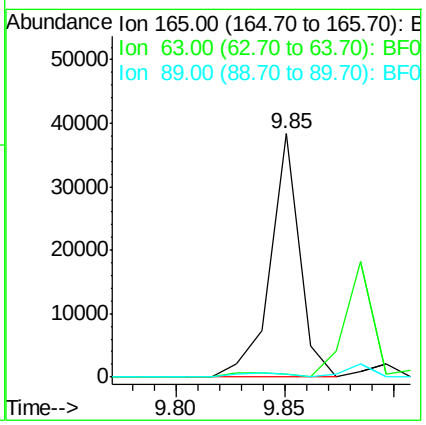


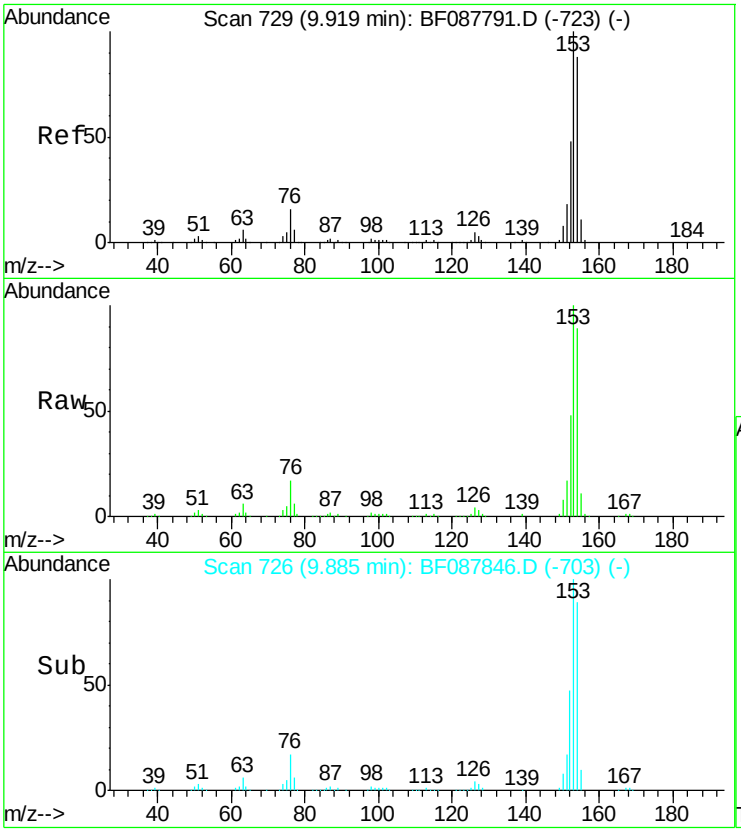


#50
2,6-Dinitrotoluene
Concen: 9.03 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.18 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Tgt Ion:165 Resp: 36060

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



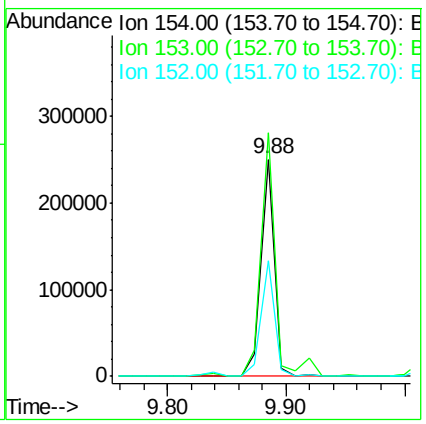


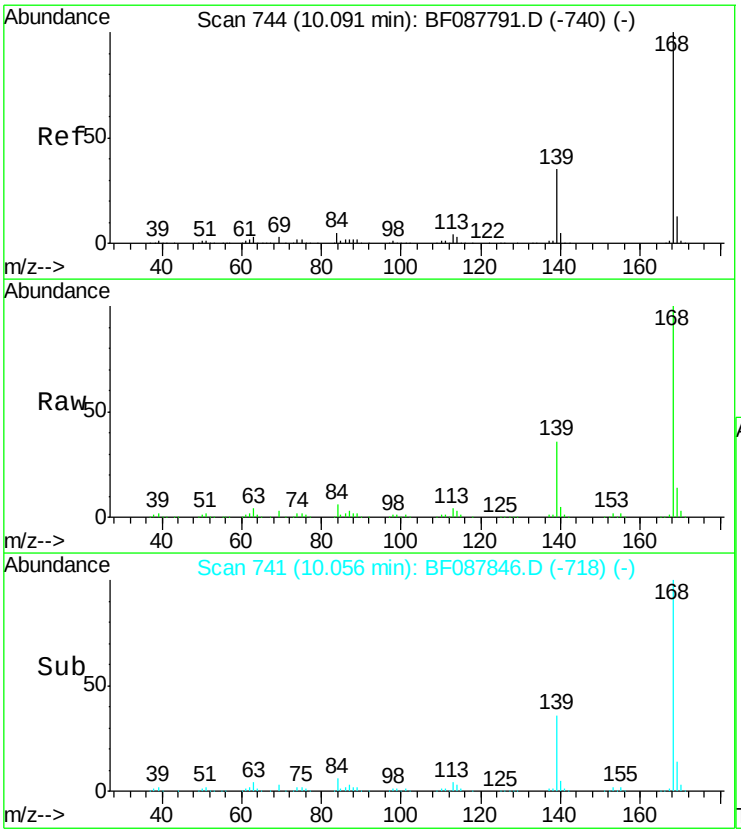
#51
Acenaphthene
Concen: 12.96 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Instrument :
BNA_F
ClientSampleId :
SS-14DL

Tgt Ion:154 Resp: 200175

Ion	Ratio	Lower	Upper
154	100		
153	112.3	89.5	134.3
152	53.4	42.7	64.1

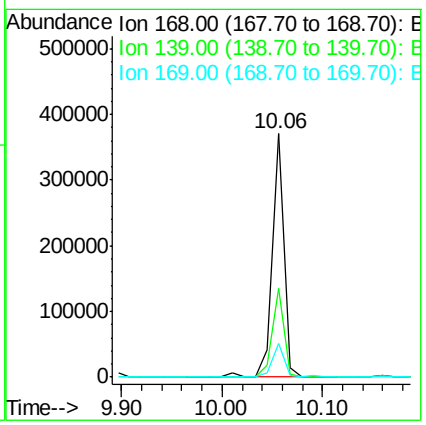


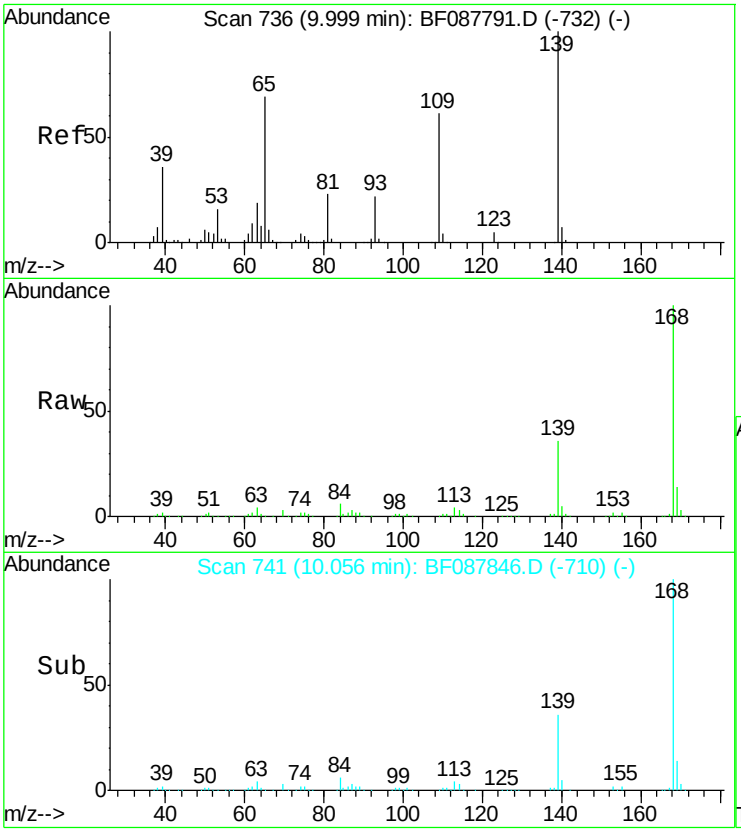


#54
Dibenzofuran
Concen: 13.98 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Tgt Ion:168 Resp: 297470

Ion	Ratio	Lower	Upper
168	100		
139	36.5	26.4	39.6
169	13.7	10.4	15.6



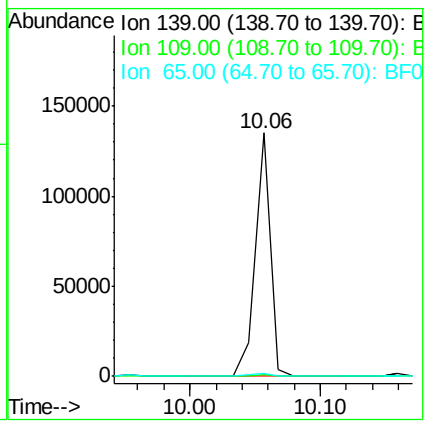


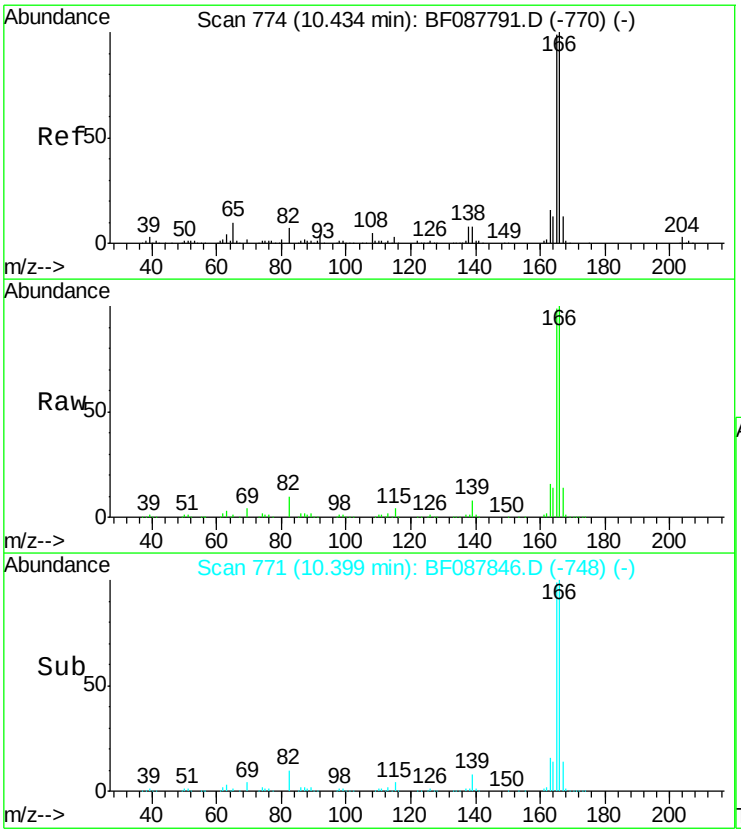
#55
4-Nitrophenol
Concen: 30.37 ng
RT: 10.06 min Scan# 741
Delta R.T. 0.06 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Instrument :
BNA_F
ClientSampleId :
SS-14DL

Tgt Ion:139 Resp: 108571

Ion	Ratio	Lower	Upper
139	100		
109	0.8	48.9	88.9#
65	1.3	84.9	124.9#

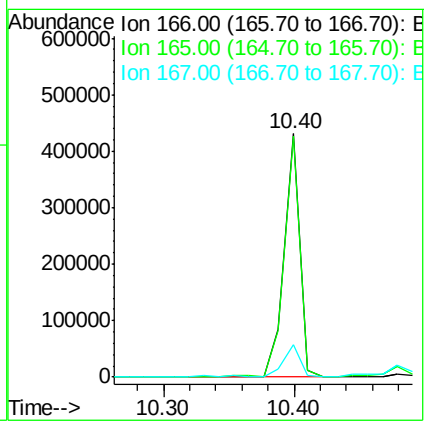


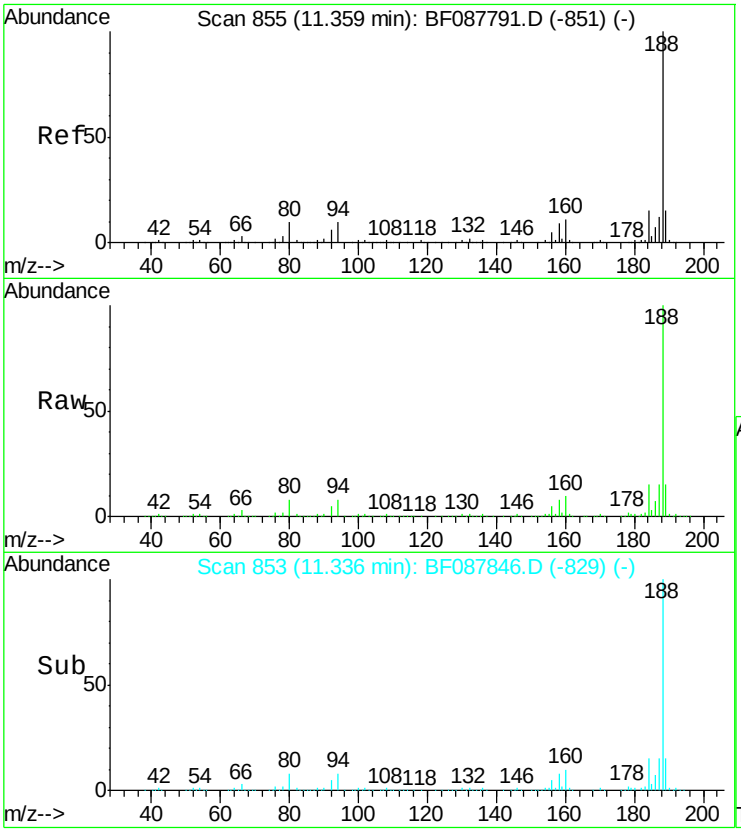


#57
Fluorene
Concen: 23.09 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.03 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Tgt Ion:166 Resp: 365816

Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.8	116.8
167	13.5	11.2	16.8



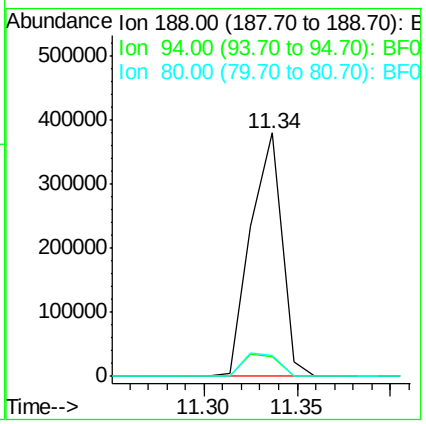


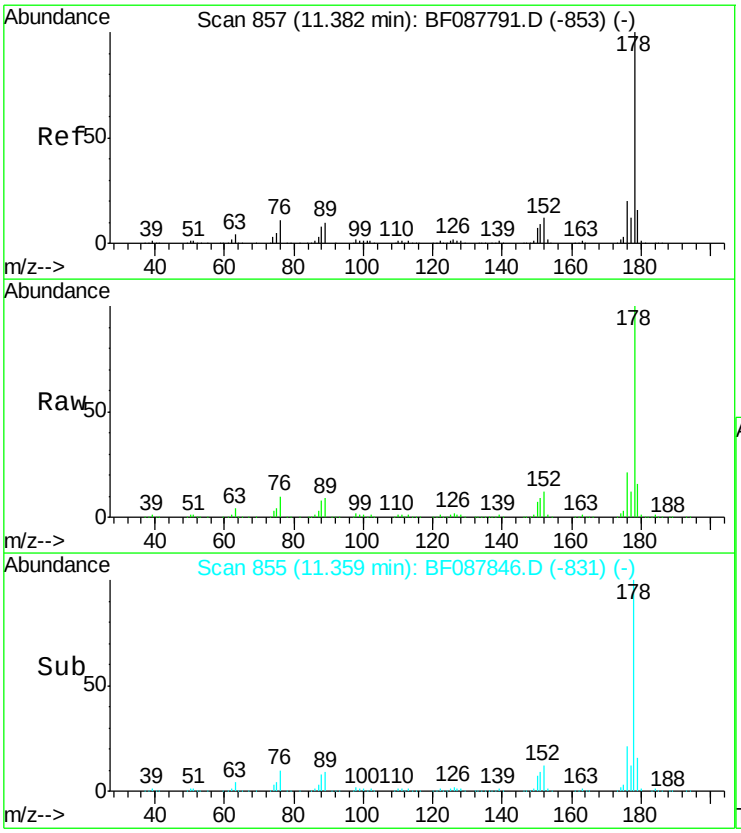
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Instrument :
BNA_F
ClientSampleId :
SS-14DL

Tgt Ion:188 Resp: 441142

Ion	Ratio	Lower	Upper
188	100		
94	7.9	9.0	13.6#
80	8.4	10.0	15.0#

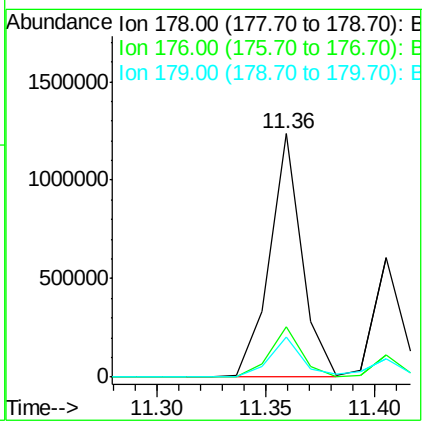


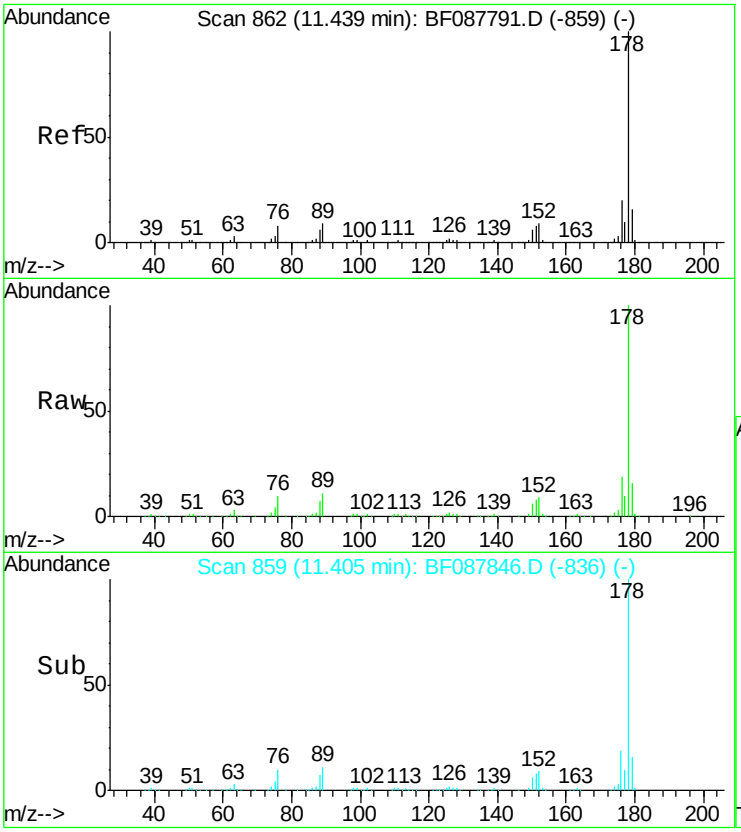


#70
Phenanthrene
Concen: 55.30 ng
RT: 11.36 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Tgt Ion:178 Resp: 1280080

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.8	23.6
179	16.4	13.0	19.4



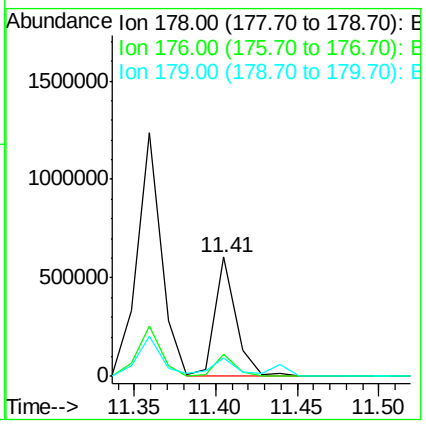


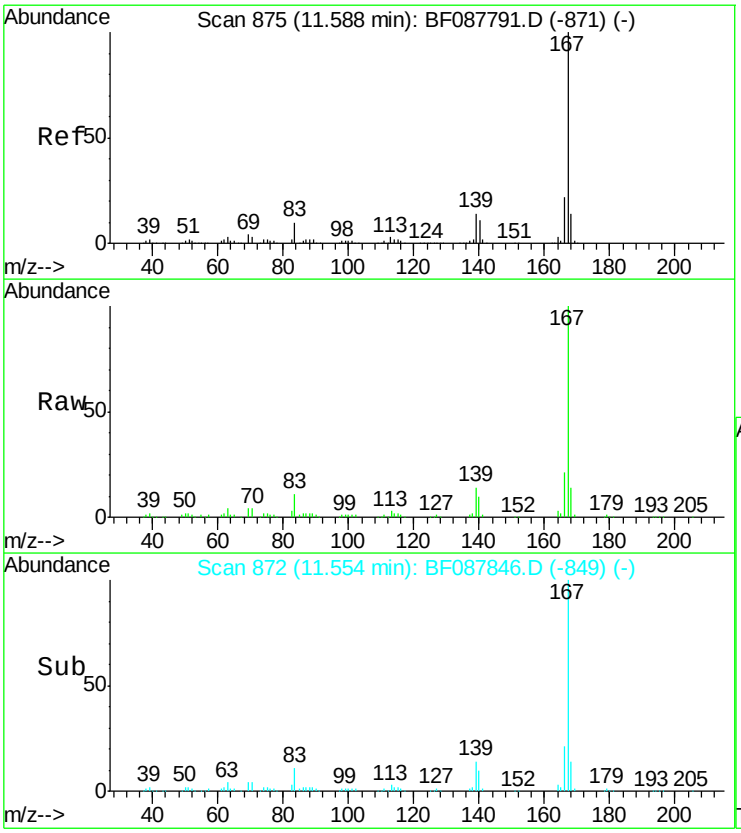
#71
Anthracene
Concen: 23.23 ng
RT: 11.41 min Scan# 859
Delta R.T. -0.03 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Instrument :
BNA_F
ClientSampleId :
SS-14DL

Tgt Ion:178 Resp: 542369

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	15.9	12.8	19.2

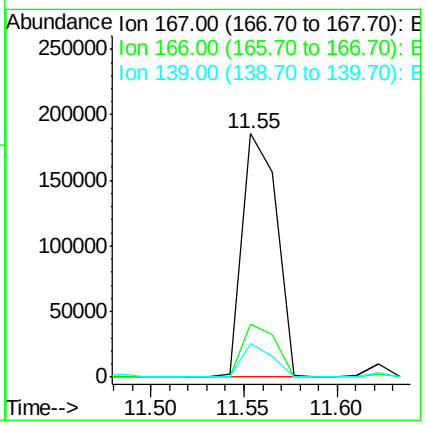


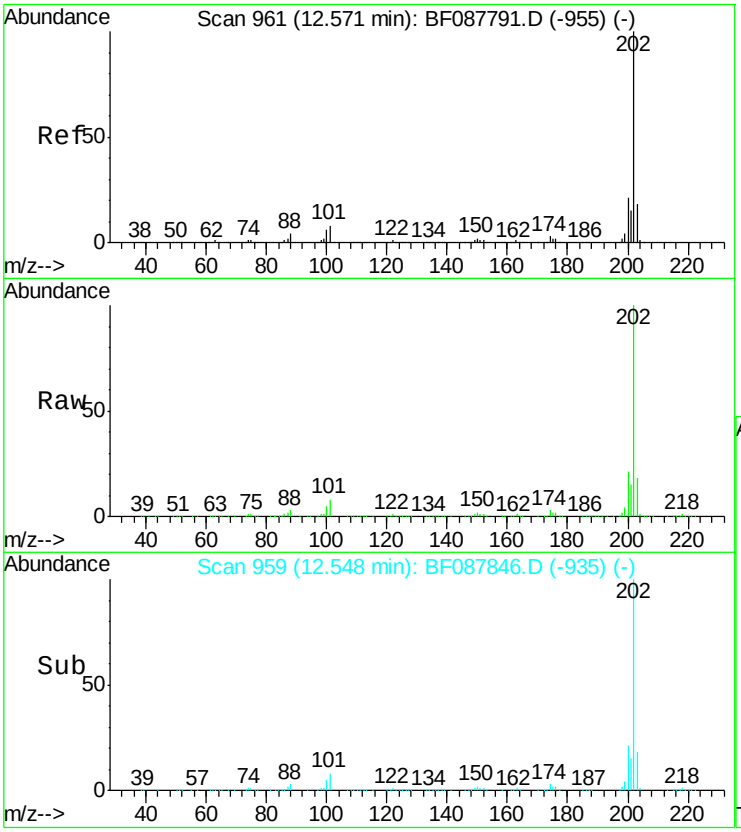


#72
Carbazole
Concen: 10.89 ng
RT: 11.55 min Scan# 872
Delta R.T. -0.03 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Tgt Ion:167 Resp: 237984

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.8	26.6
139	13.9	11.2	16.8



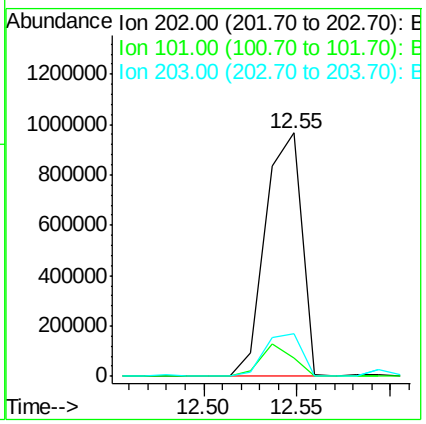


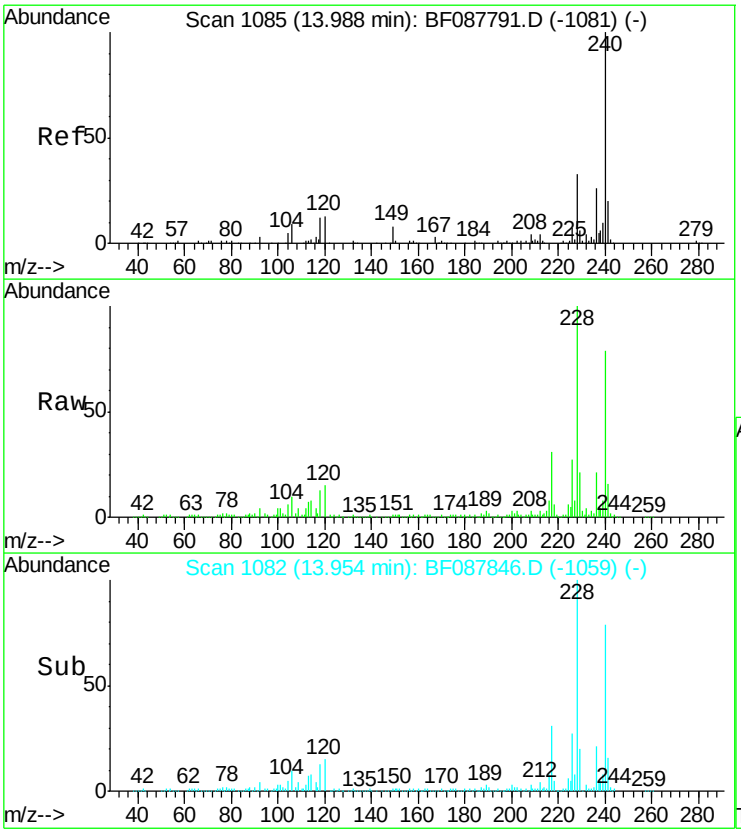
#74
Fluoranthene
Concen: 53.28 ng
RT: 12.55 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Instrument :
BNA_F
ClientSampleId :
SS-14DL

Tgt Ion:202 Resp: 1301623

Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	33.1
203	17.7	0.0	38.1

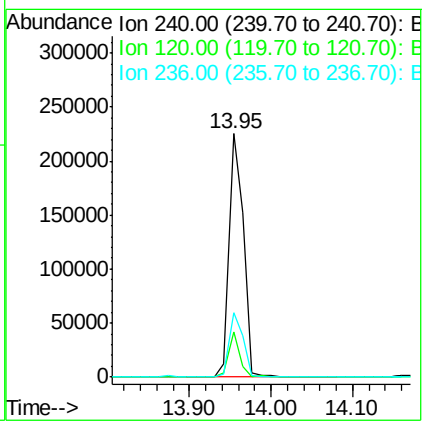


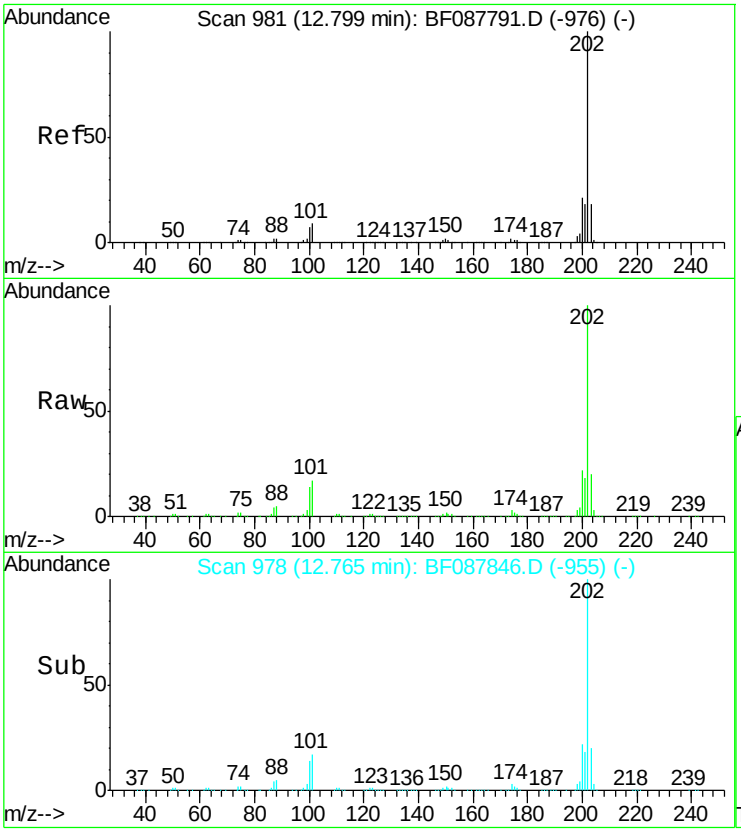


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Tgt Ion:240 Resp: 274299

Ion	Ratio	Lower	Upper
240	100		
120	18.6	6.8	10.2#
236	26.3	20.2	30.2



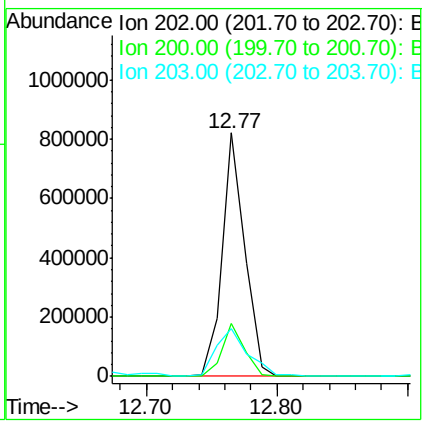


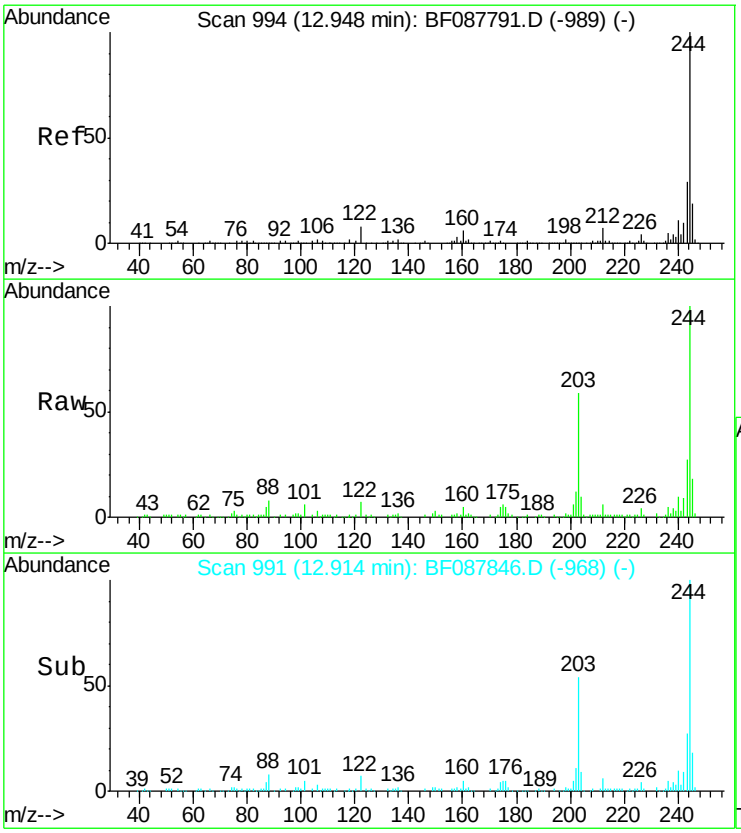
#77
Pyrene
Concen: 48.52 ng
RT: 12.77 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Instrument :
BNA_F
ClientSampleId :
SS-14DL

Tgt Ion:202 Resp: 987673

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	19.7	14.5	21.7

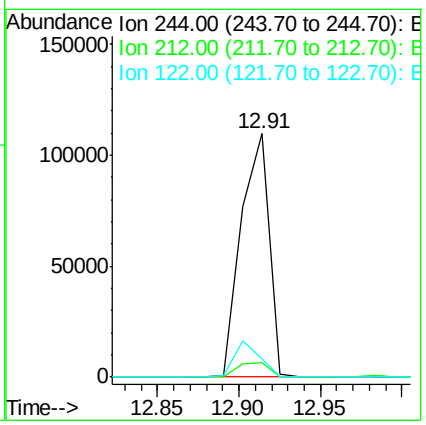


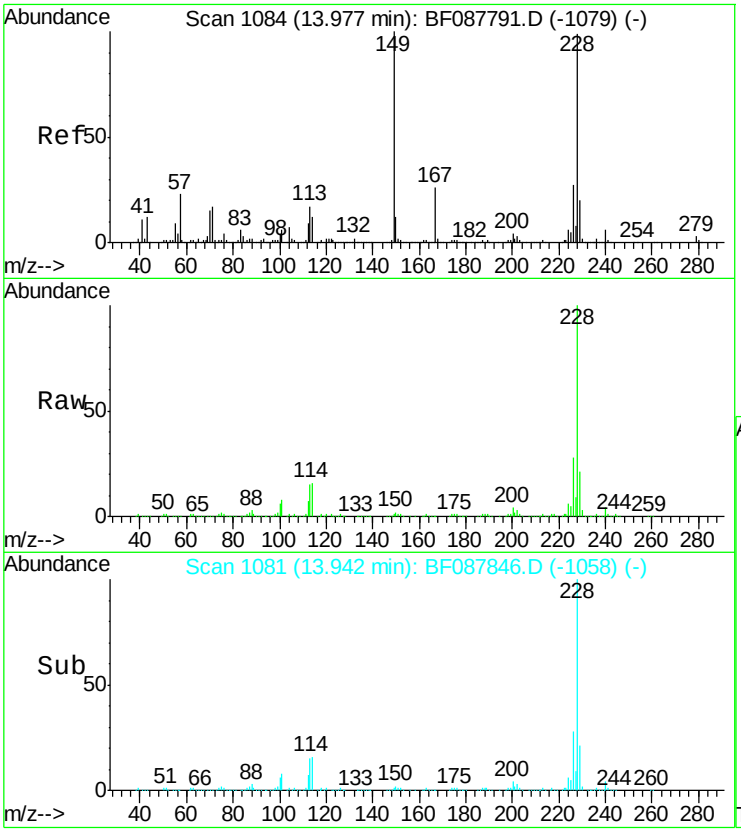


#78
Terphenyl-d14
Concen: 10.76 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.03 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Tgt Ion:244 Resp: 129716

Ion	Ratio	Lower	Upper
244	100		
212	5.8	6.0	9.0#
122	7.5	11.2	16.8#



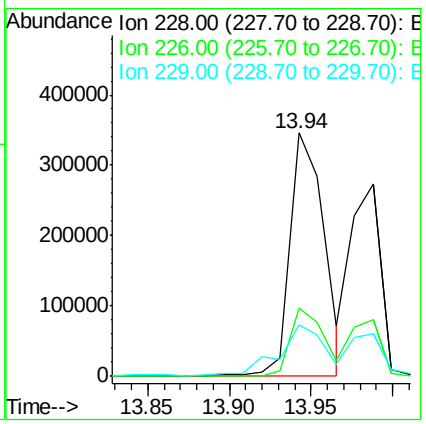


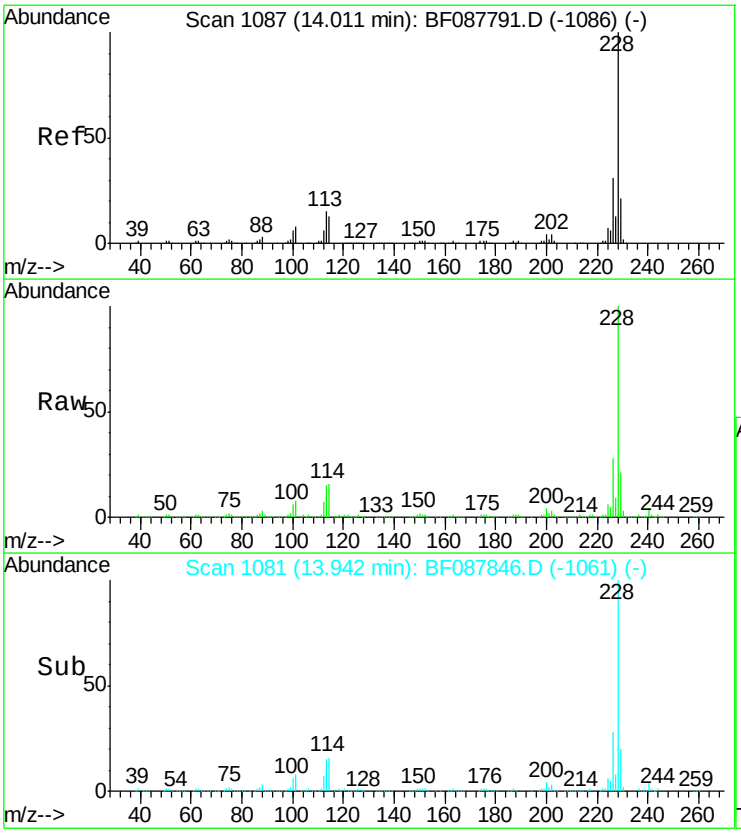
#80
Benzo(a)anthracene
Concen: 32.39 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.03 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Instrument :
BNA_F
ClientSampleId :
SS-14DL

Tgt Ion:228 Resp: 506268

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.3	33.5
229	21.3	16.0	24.0

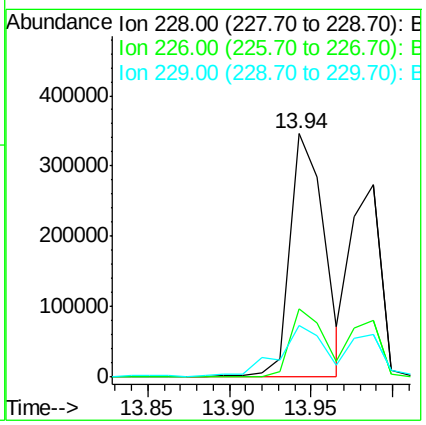


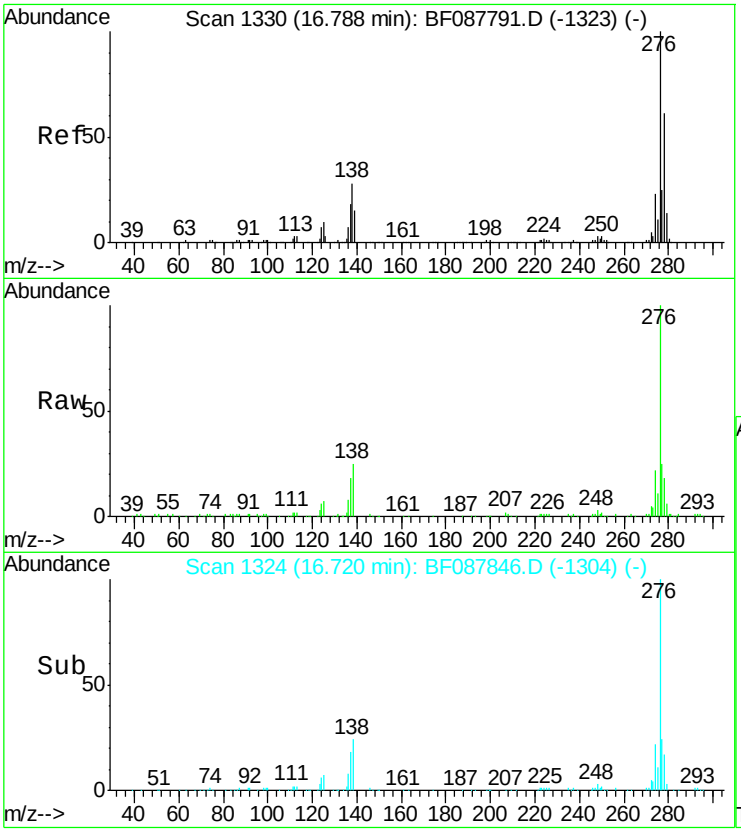


#82
Chrysene
Concen: 34.43 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.07 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Tgt Ion:228 Resp: 506268

Ion	Ratio	Lower	Upper
228	100		
226	28.1	25.4	38.2
229	21.3	16.3	24.5



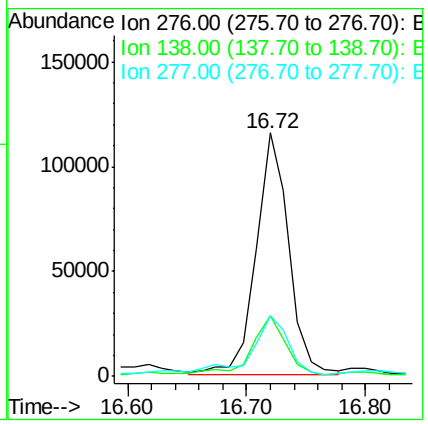


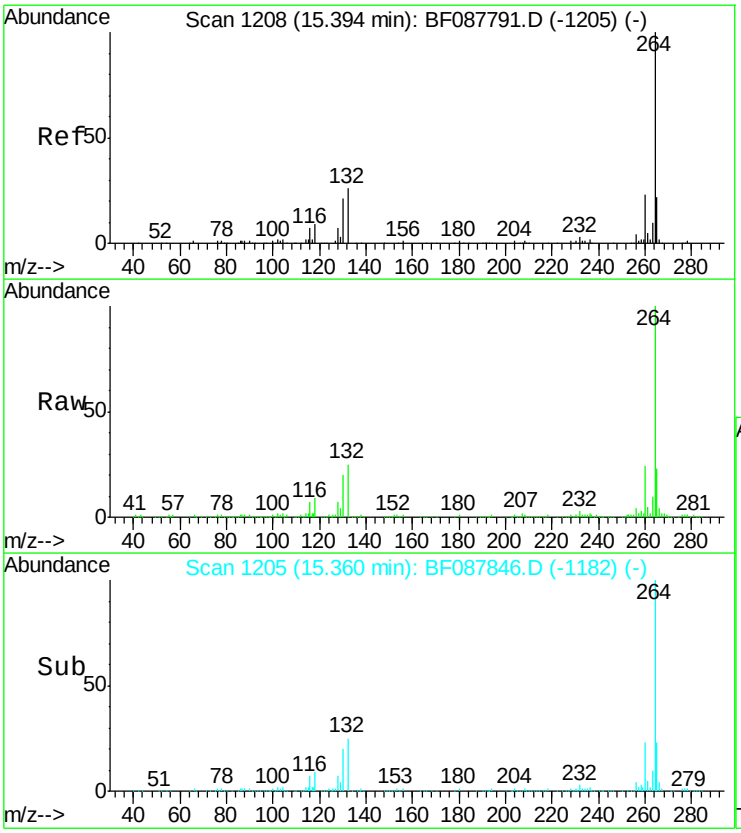
#85
Indeno(1,2,3-cd)pyrene
Concen: 16.32 ng
RT: 16.72 min Scan# 1324
Delta R.T. -0.07 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Instrument :
BNA_F
ClientSampleId :
SS-14DL

Tgt Ion:276 Resp: 222956

Ion	Ratio	Lower	Upper
276	100		
138	25.8	0.0	0.0#
277	29.6	0.0	0.0#

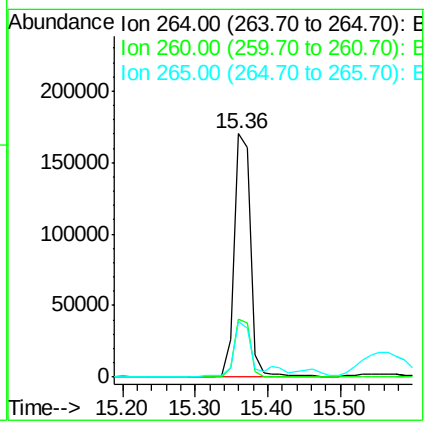


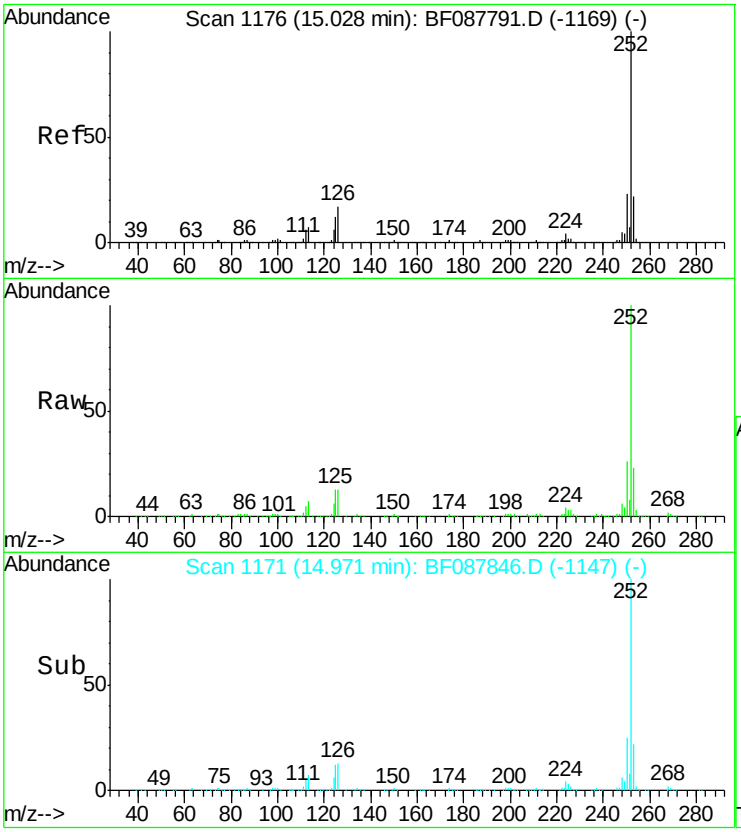


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Tgt Ion:264 Resp: 266561

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.7	16.9	25.3



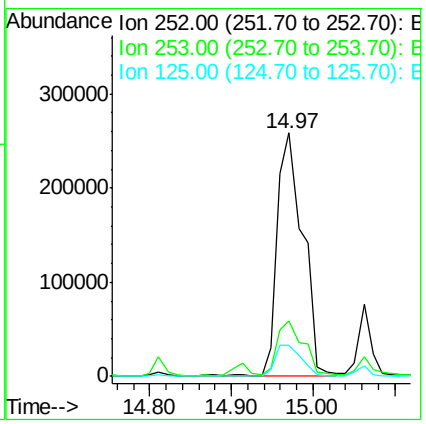


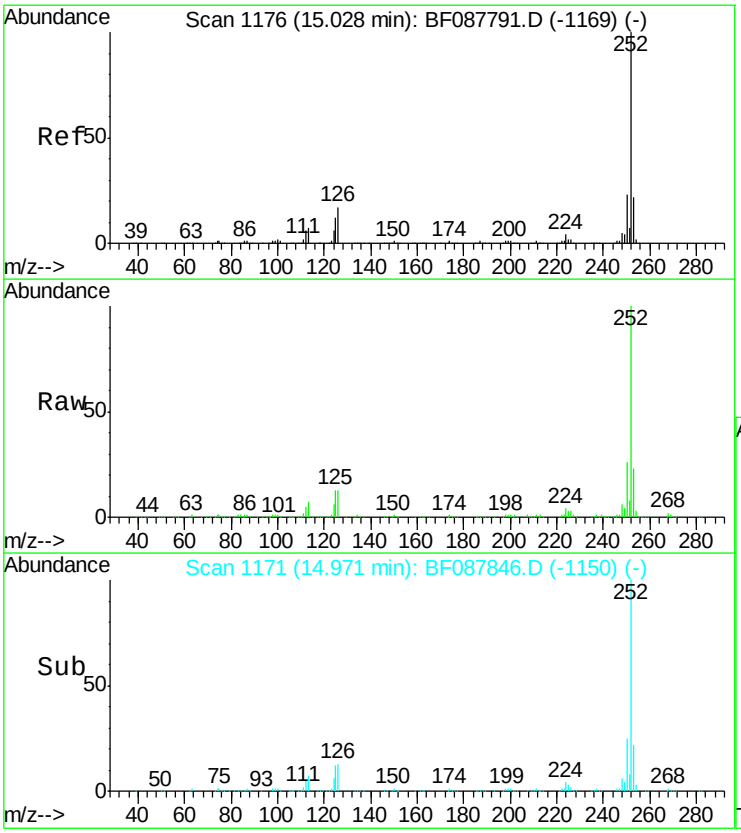
#87
Benzo(b)fluoranthene
Concen: 30.27 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Instrument :
BNA_F
ClientSampleId :
SS-14DL

Tgt Ion:252 Resp: 562445

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	12.6	7.1	10.7#

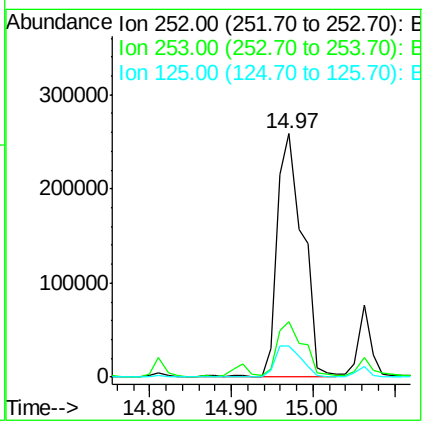


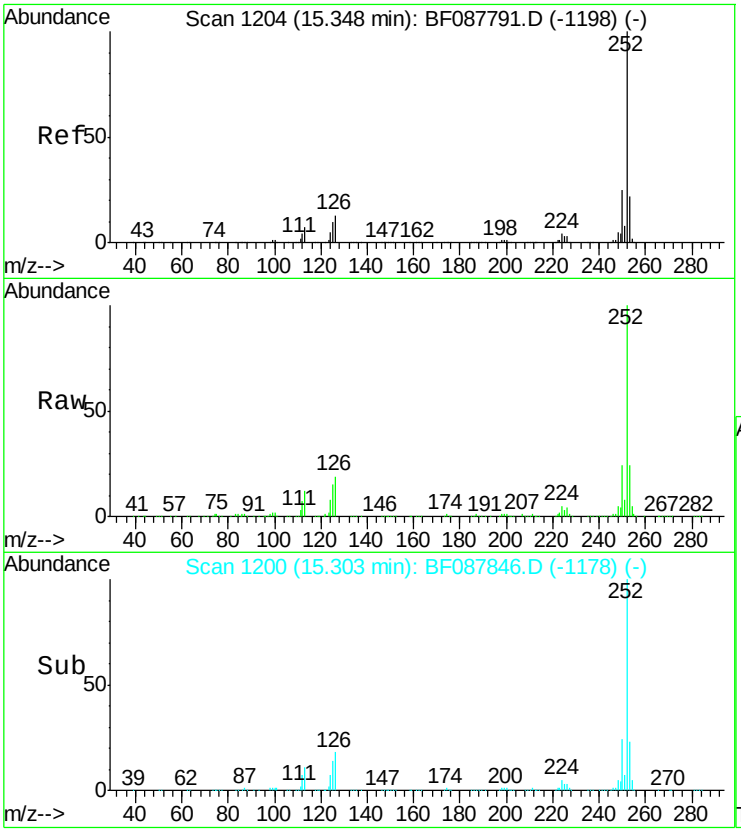


#88
Benzo(k)fluoranthene
Concen: 40.13 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.06 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Tgt Ion:252 Resp: 562445

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	12.6	11.2	16.8



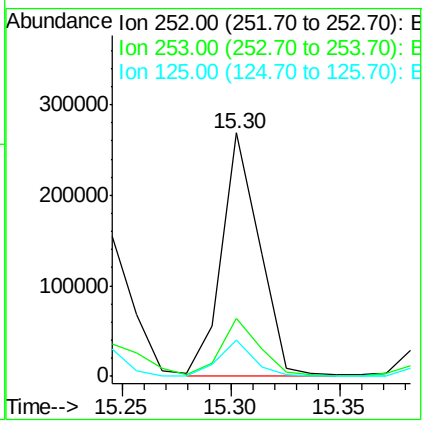


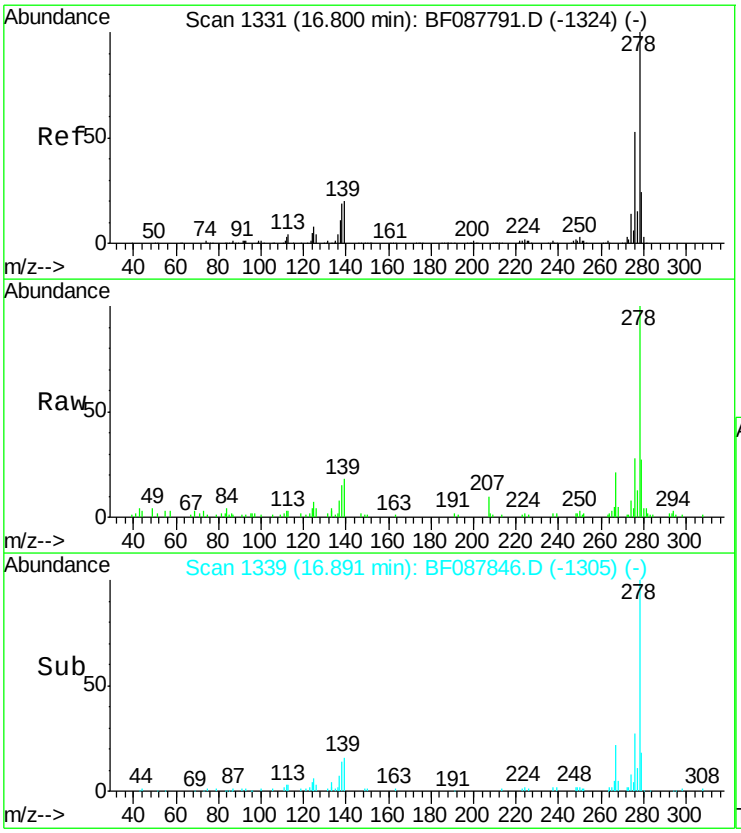
#89
Benzo(a)pyrene
Concen: 21.41 ng
RT: 15.30 min Scan# 1200
Delta R.T. -0.05 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Instrument :
BNA_F
ClientSampleId :
SS-14DL

Tgt Ion:252 Resp: 321884

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	14.9	12.5	18.7

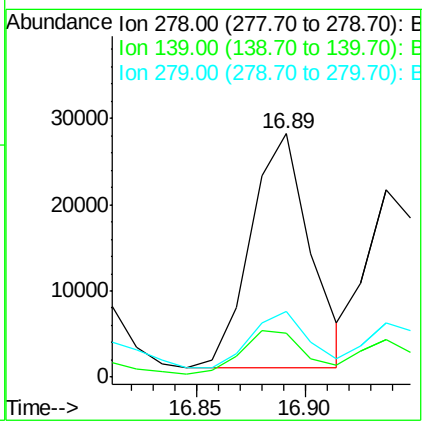


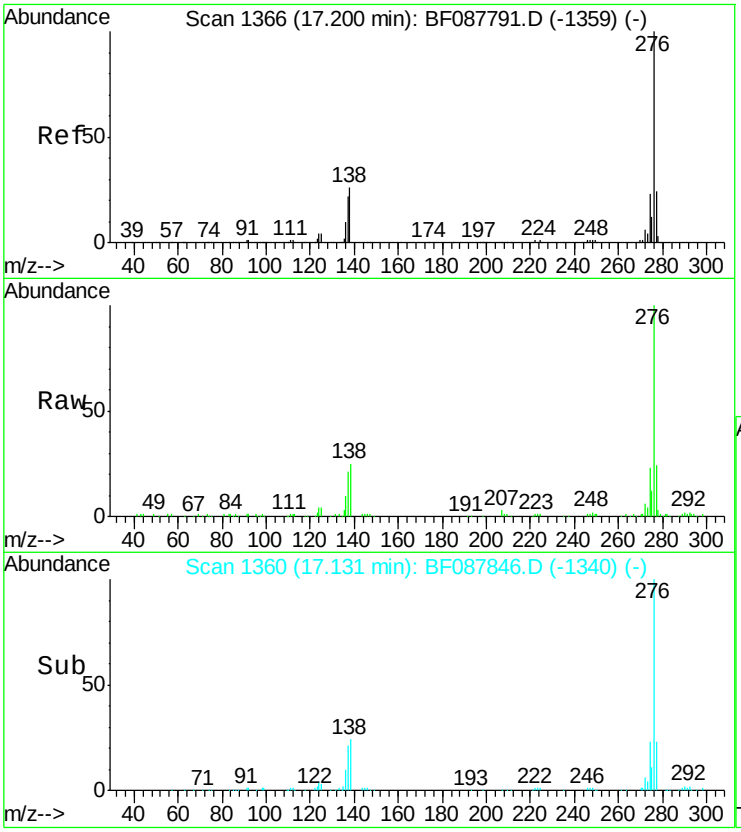


#90
Dibenzo(a,h)anthracene
Concen: 3.71 ng
RT: 16.89 min Scan# 1339
Delta R.T. 0.09 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Tgt Ion:278 Resp: 51814

Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.7	23.5
279	26.9	19.4	29.2





#91
Benzo(g,h,i)perylene
Concen: 13.48 ng
RT: 17.13 min Scan# 1360
Delta R.T. -0.07 min
Lab File: BF087846.D
Acq: 9 Jun 2016 12:13

Instrument :
BNA_F
ClientSampleId :
SS-14DL

Tgt Ion:276 Resp: 193585

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	24.5	21.4	32.2