Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020916\
Data File : BF084979.D
Acq On : 10 Feb 2016 3:50
Operator : SJ/IZ
Sample : H1361-02 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1

Quant Time: Feb 10 05:48:18 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	159895	20.00	ng		-0.05
21) Naphthalene-d8	7.92	136	597740	20.00	ng		-0.06
38) Acenaphthene-d10	9.66	164	247051	20.00	ng		-0.07
63) Phenanthrene-d10	11.15	188	396691	20.00	ng		-0.06
75) Chrysene-d12	13.79	240	268415	20.00	ng		-0.05
86) Perylene-d12	15.15	264	267855	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	758925	73.93	ng		-0.06
7) Phenol-d6	6.28	99	869778	68.35	ng		-0.06
23) Nitrobenzene-d5	7.21	82	627870	59.17	ng		-0.06
41) 2,4,6-Tribromophenol	10.45	330	159651	61.95	ng		-0.07
44) 2-Fluorobiphenyl	9.00	172	921813	56.23	ng		-0.06
78) Terphenyl-d14	12.74	244	531162	44.84	ng		-0.06
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.21	70	83858	10.51	ng	#	76
31) Naphthalene	7.94	128	175622	5.86	ng		98
37) 2-Methylnaphthalene	8.64	142	51475	2.74	ng		95
49) Dimethylphthalate	9.40	163	176443	9.38	ng	#	90
51) Acenaphthene	9.70	154	225618	14.06	ng		97
54) Dibenzofuran	9.87	168	146311	7.46	ng		96
55) 4-Nitrophenol	9.87	139	59231	17.45	ng	#	12
57) Fluorene	10.21	166	196080	11.98	ng		99
66) 4-Bromophenyl-phenylether	10.45	248	10822	2.47	ng	#	1
70) Phenanthrene	11.17	178	1720879	78.21	ng		97
71) Anthracene	11.22	178	929069	41.91	ng		99
72) Carbazole	11.38	167	260111	13.46	ng		99
74) Fluoranthene	12.37	202	4071898	182.85	ng		96
76) Benzidine	12.52	184	2019	7.03	ng	#	26
77) Pyrene	12.60	202	4079644	198.52	ng		93
80) Benzo(a)anthracene	13.78	228	2765166	165.98	ng		94
82) Chrysene	13.83	228	1701571	105.33	ng		95
85) Indeno(1,2,3-cd)pyrene	16.42	276	772021	60.71	ng		92
87) Benzo(b)fluoranthene	14.80	252	2961149	164.54	ng	#	93
88) Benzo(k)fluoranthene	14.80	252	2961149	198.99	ng		97
89) Benzo(a)pyrene	15.11	252	1515759	98.85	ng	#	93
90) Dibenzo(a,h)anthracene	16.56	278	158441	12.27	ng		93
91) Benzo(g,h,i)perylene	16.80	276	659076	50.69	ng		96

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

Quantitation Report (Not Reviewed)

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Acq On : 10 Feb 2016 3:50
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Sample : H1361-02 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
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WC-1

Quant Time: Feb 10 05:48:18 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
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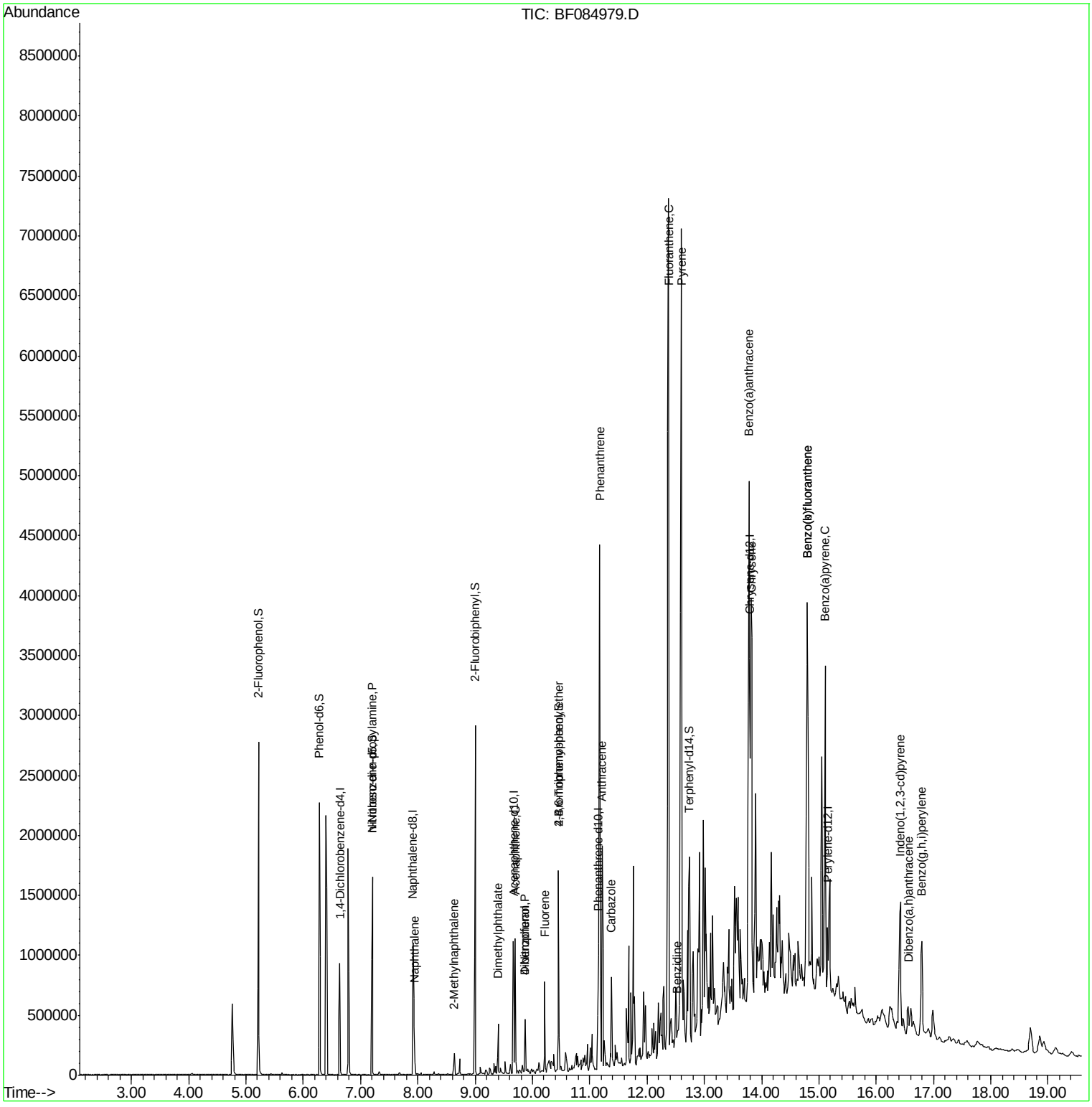
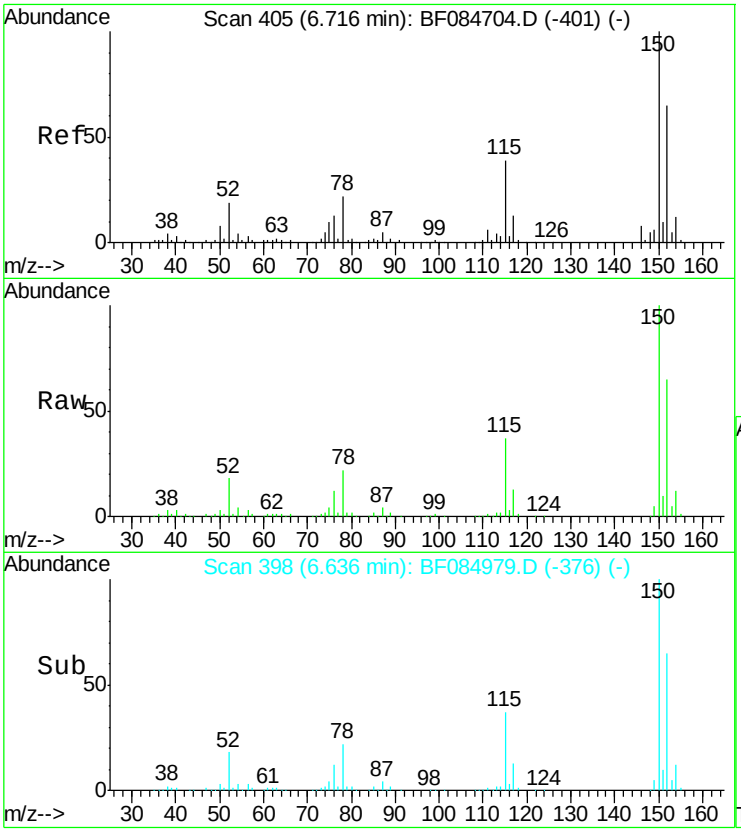


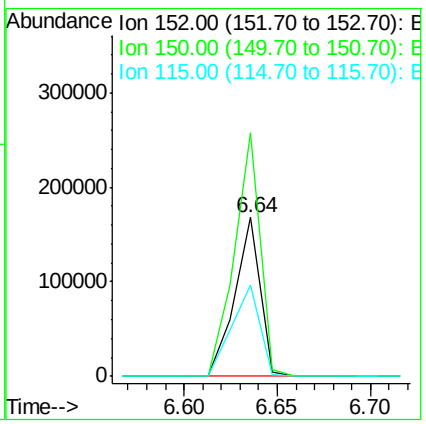


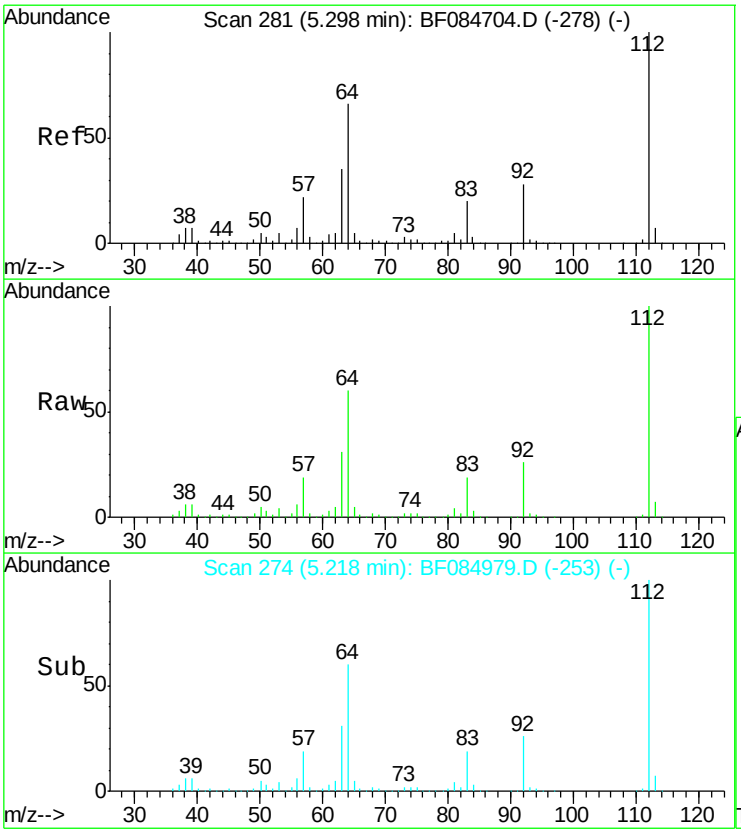
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.05 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:152 Resp: 159895

Ion	Ratio	Lower	Upper
152	100		
150	153.1	123.0	184.4
115	57.1	51.4	77.2

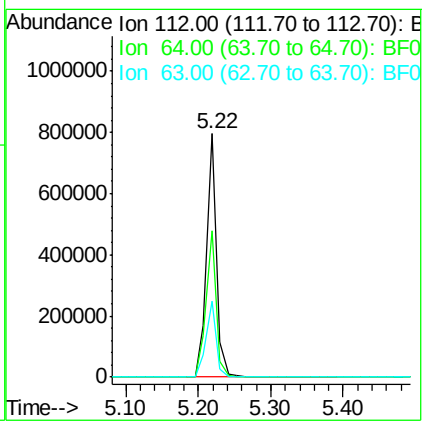


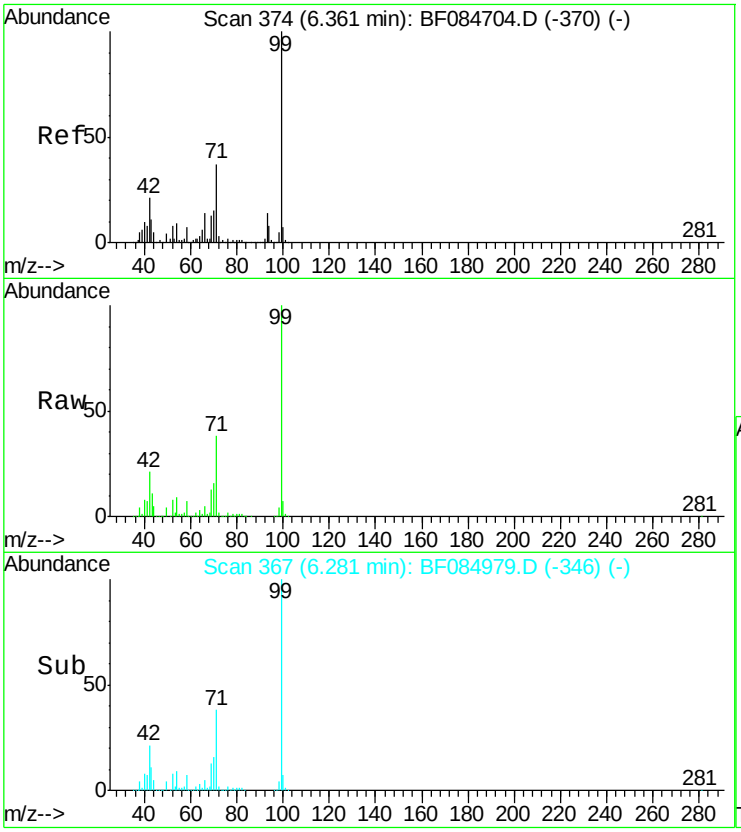


#5
2-Fluorophenol
Concen: 73.93 ng
RT: 5.22 min Scan# 274
Delta R.T. -0.06 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Tgt Ion:112 Resp: 758925

Ion	Ratio	Lower	Upper
112	100		
64	60.0	36.6	55.0#
63	31.0	19.4	29.0#



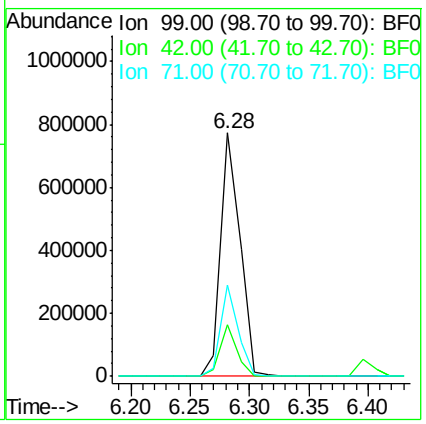


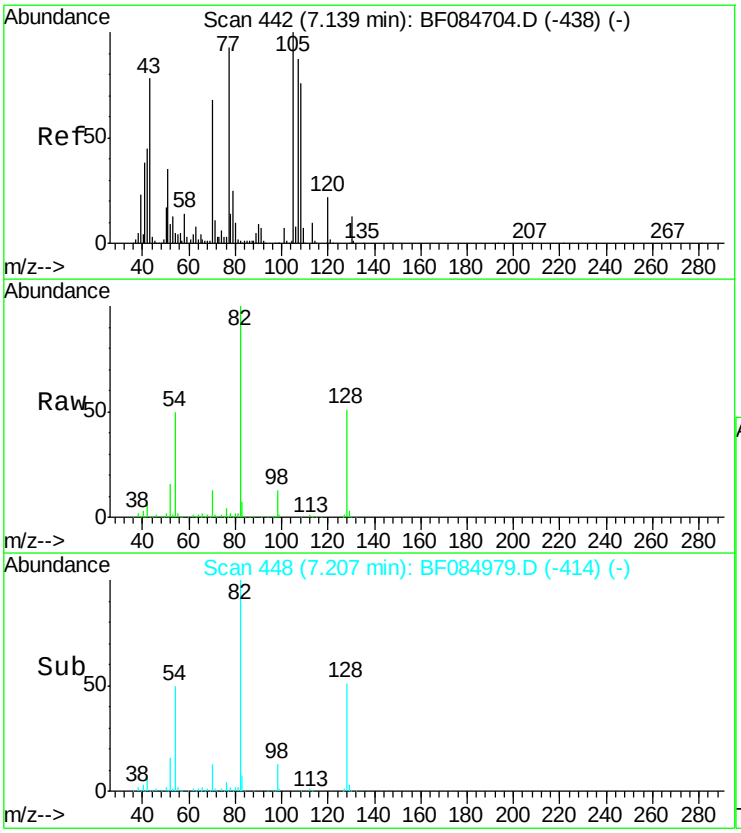
#7
Phenol-d6
Concen: 68.35 ng
RT: 6.28 min Scan# 367
Delta R.T. -0.06 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 99 Resp: 869778

Ion	Ratio	Lower	Upper
99	100		
42	21.4	12.8	19.2#
71	37.6	30.9	46.3

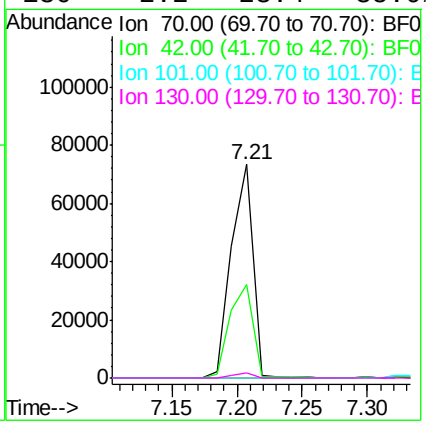


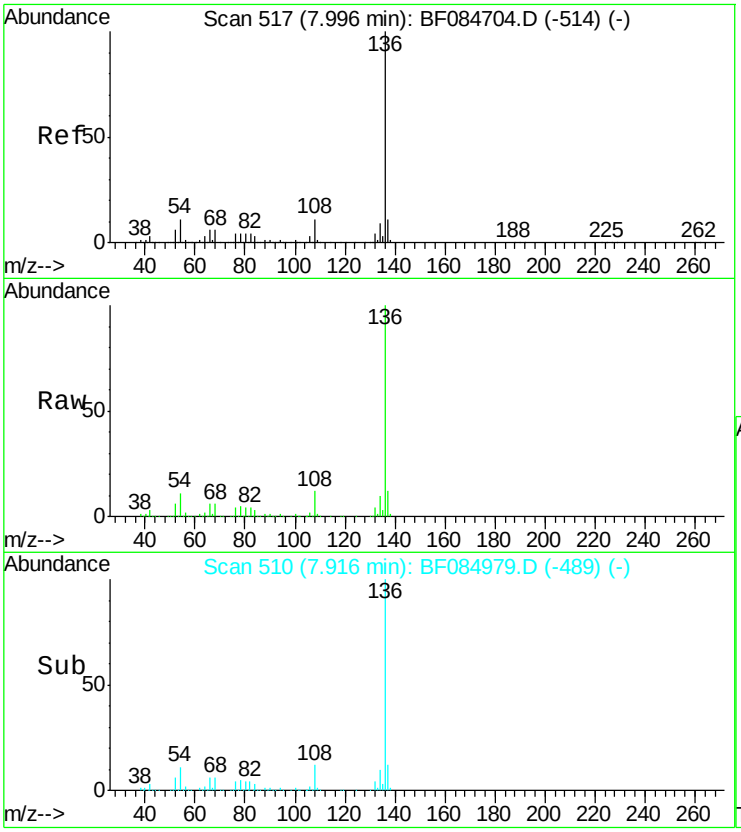


#19
n-Nitroso-di-n-propylamine
Concen: 10.51 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.09 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Tgt Ion: 70 Resp: 83858

Ion	Ratio	Lower	Upper
70	100		
42	43.6	33.3	49.9
101	0.0	9.3	13.9#
130	2.2	23.4	35.0#



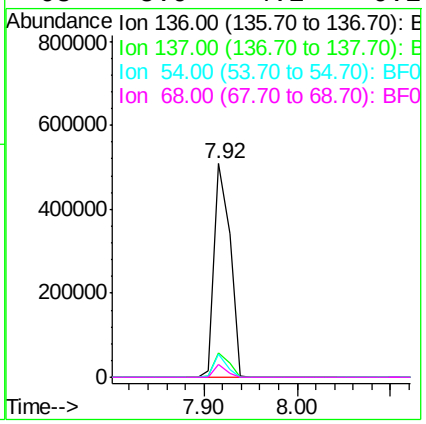


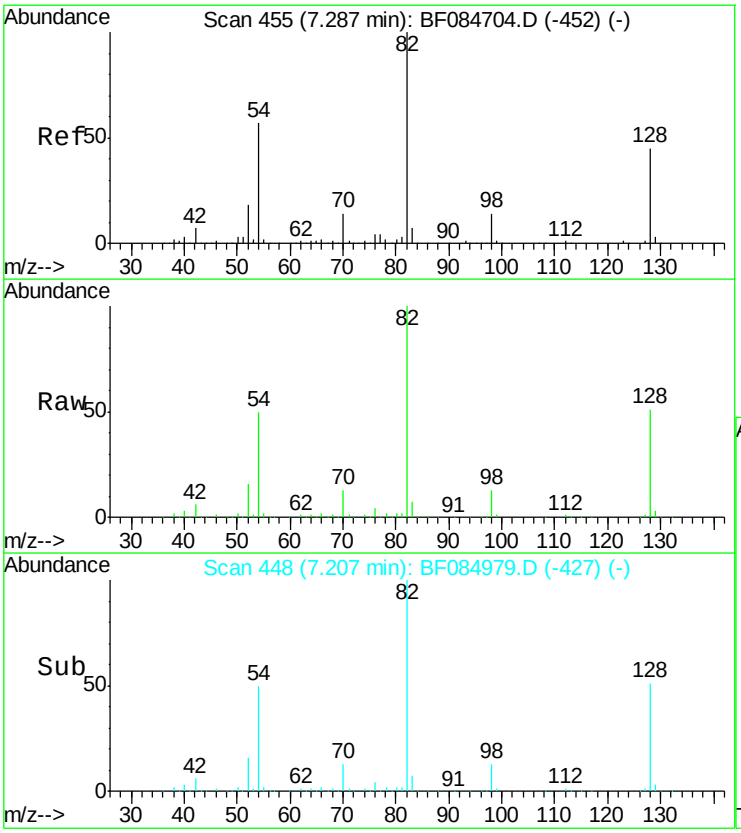
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.06 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:136 Resp: 597740

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	11.0	5.8	8.8#
68	5.9	4.2	6.2

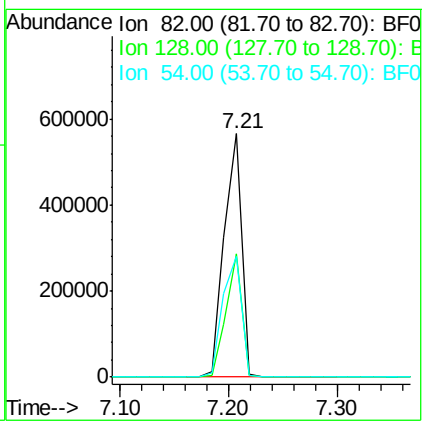


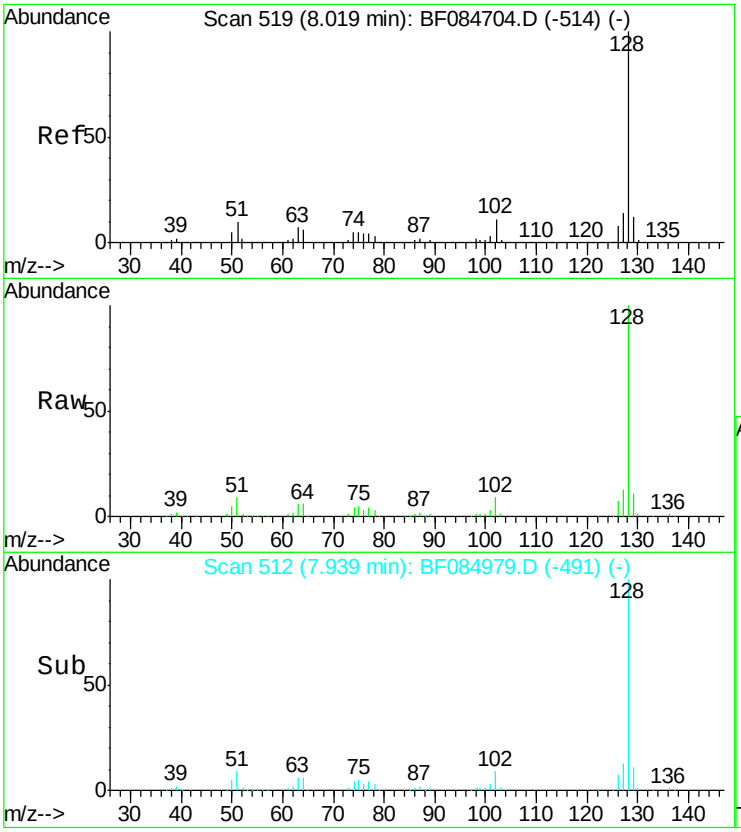


#23
Nitrobenzene-d5
Concen: 59.17 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.06 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Tgt Ion: 82 Resp: 627870

Ion	Ratio	Lower	Upper
82	100		
128	50.6	34.6	51.8
54	49.7	38.4	57.6



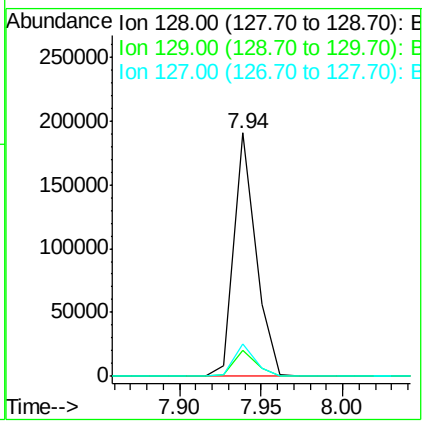


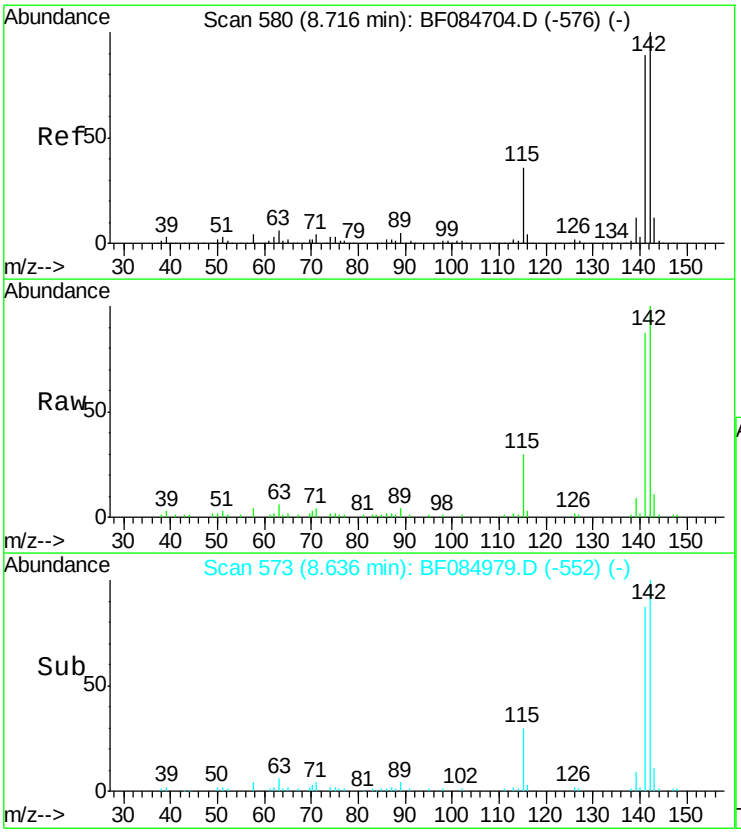
#31
Naphthalene
Concen: 5.86 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.06 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:128 Resp: 175622

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.1	13.7
127	13.2	11.1	16.7

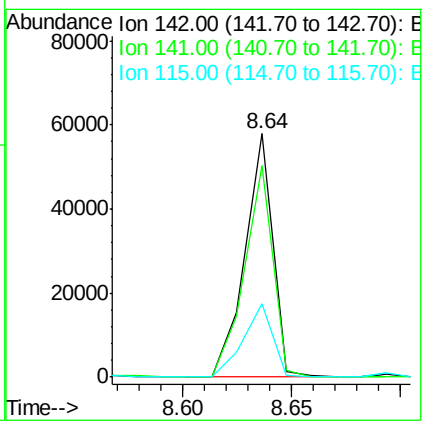


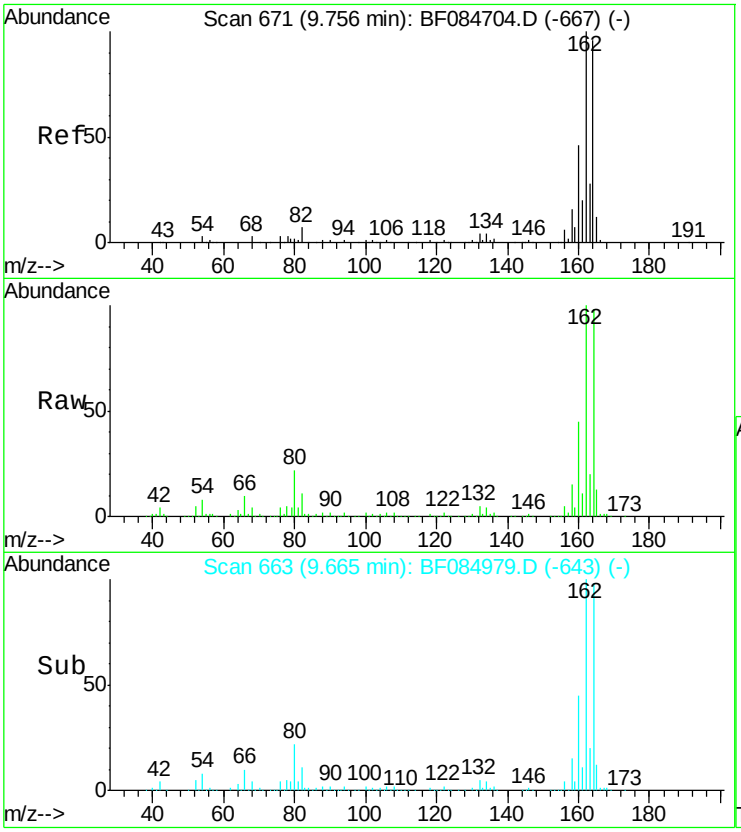


#37
2-Methylnaphthalene
Concen: 2.74 ng
RT: 8.64 min Scan# 573
Delta R.T. -0.06 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Tgt Ion:142 Resp: 51475

Ion	Ratio	Lower	Upper
142	100		
141	86.8	72.4	108.6
115	29.9	27.9	41.9



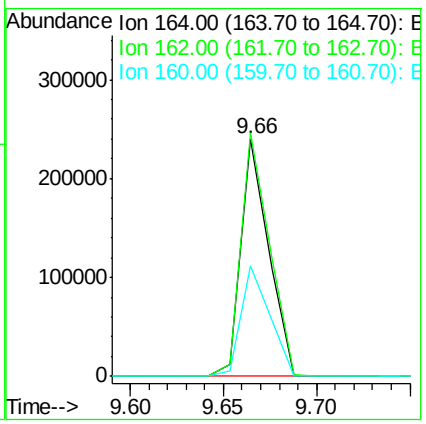


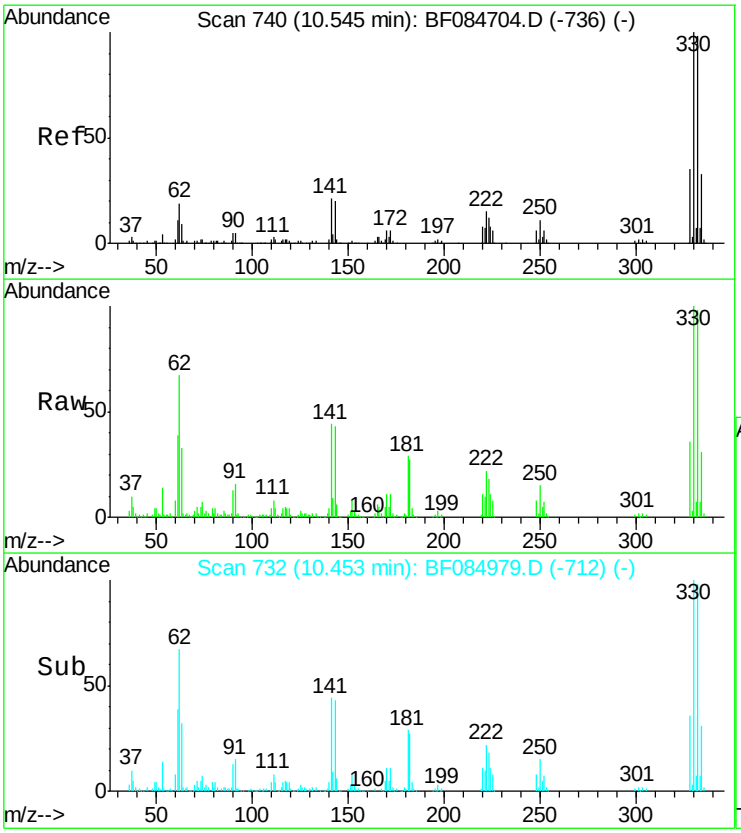
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.07 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:164 Resp: 247051

Ion	Ratio	Lower	Upper
164	100		
162	102.5	85.1	127.7
160	46.4	37.5	56.3

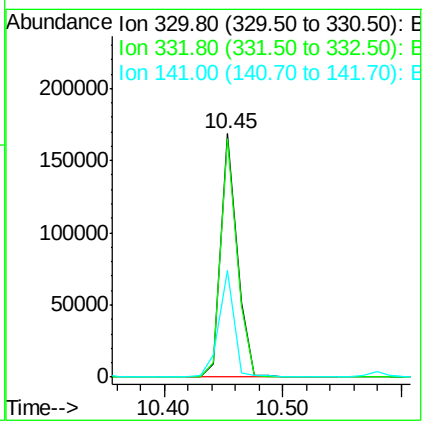


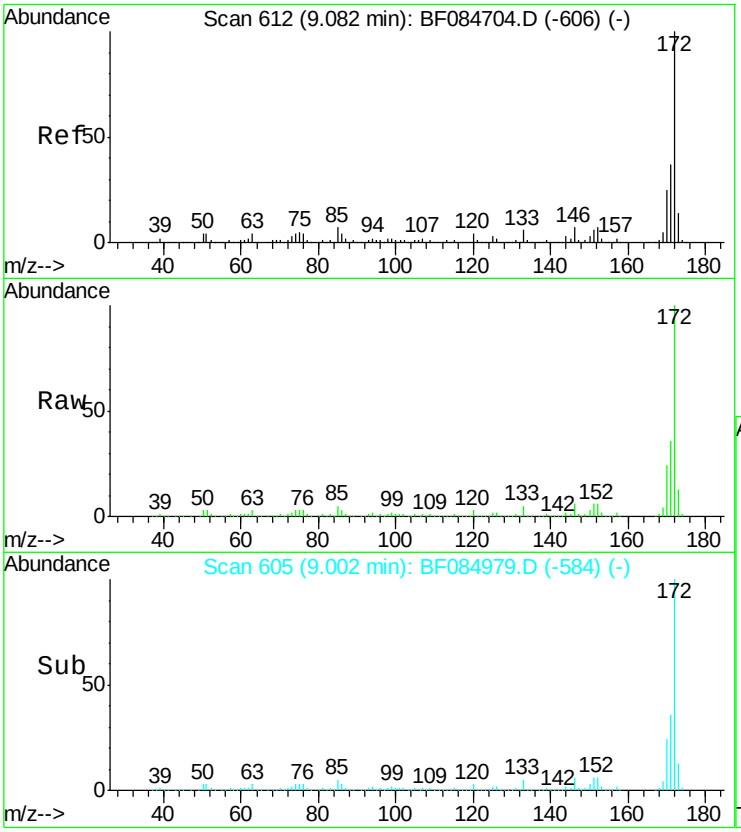


#41
2,4,6-Tribromophenol
Concen: 61.95 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.07 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Tgt Ion:330 Resp: 159651

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	114.8
141	40.3	27.8	41.6



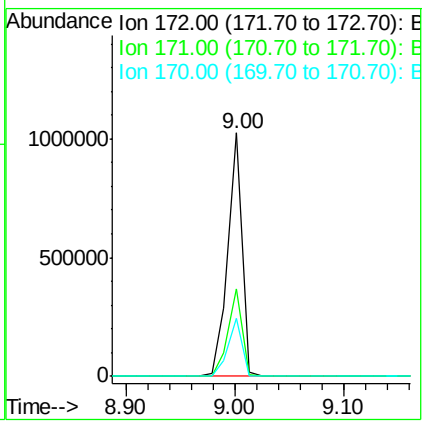


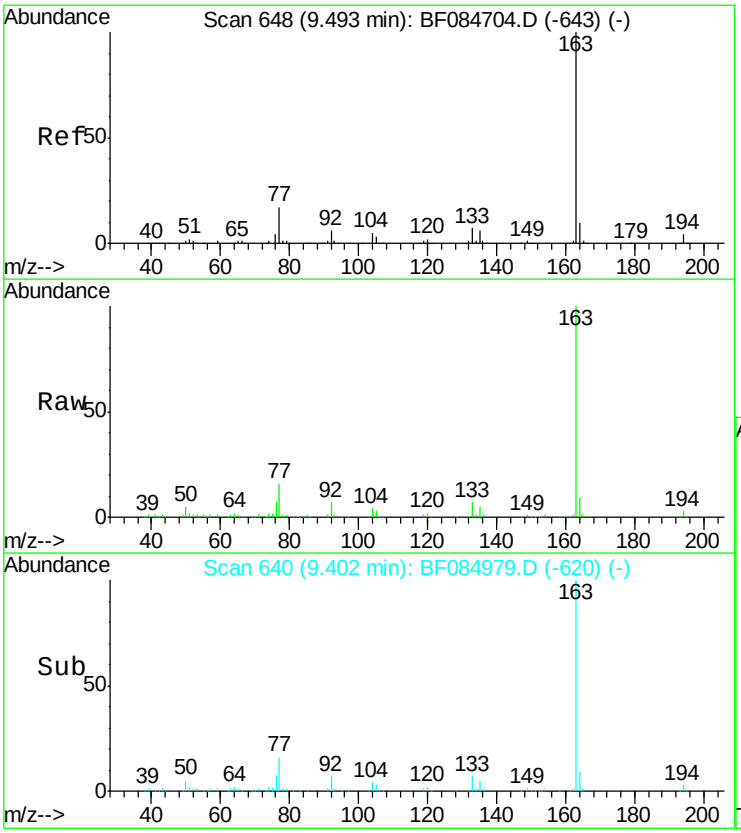
#44
2-Fluorobiphenyl
Concen: 56.23 ng
RT: 9.00 min Scan# 605
Delta R.T. -0.06 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:172 Resp: 921813

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	24.1	18.6	27.8

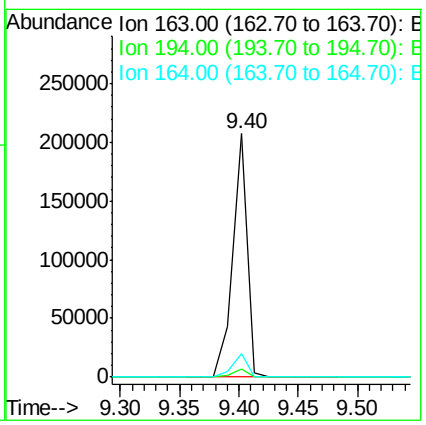


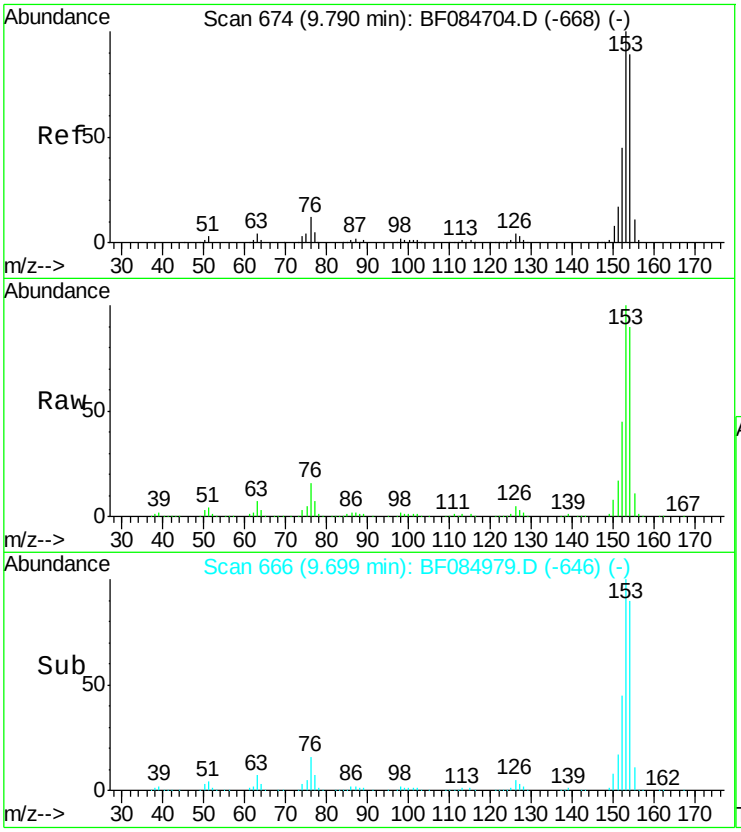


#49
Dimethylphthalate
Concen: 9.38 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.07 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Tgt Ion:163 Resp: 176443

Ion	Ratio	Lower	Upper
163	100		
194	3.4	8.0	12.0#
164	9.5	8.0	12.0



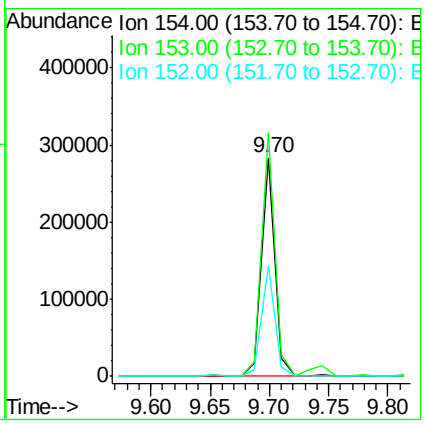


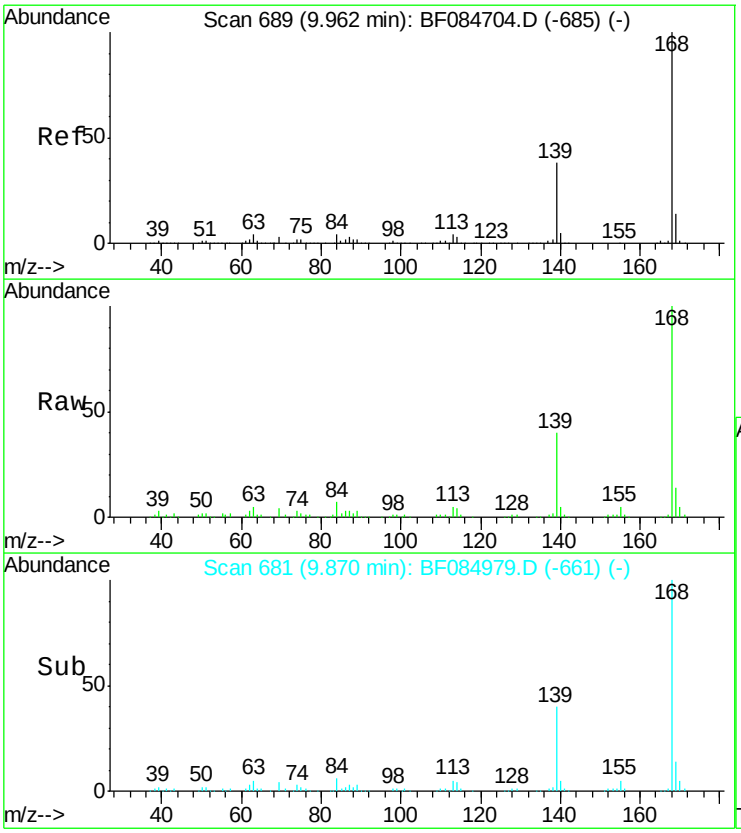
#51
Acenaphthene
Concen: 14.06 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.07 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:154 Resp: 225618

Ion	Ratio	Lower	Upper
154	100		
153	111.4	91.5	137.3
152	50.4	43.0	64.6

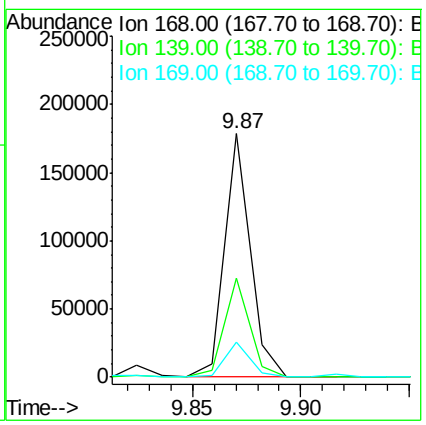


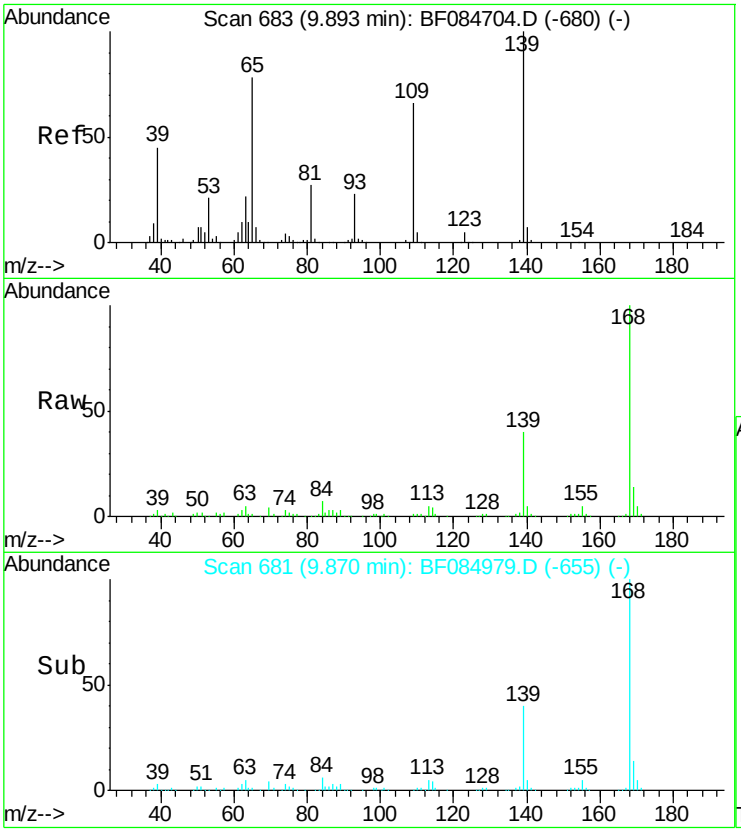


#54
Dibenzofuran
Concen: 7.46 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.07 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Tgt Ion:168 Resp: 146311

Ion	Ratio	Lower	Upper
168	100		
139	40.4	30.5	45.7
169	14.4	10.4	15.6



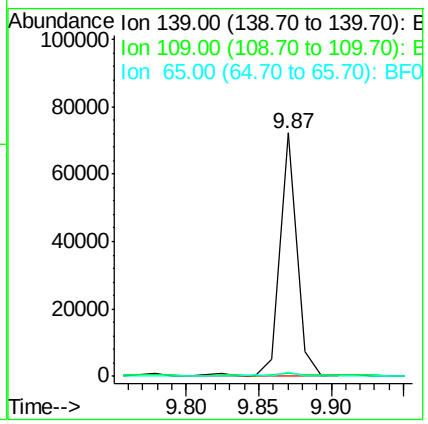


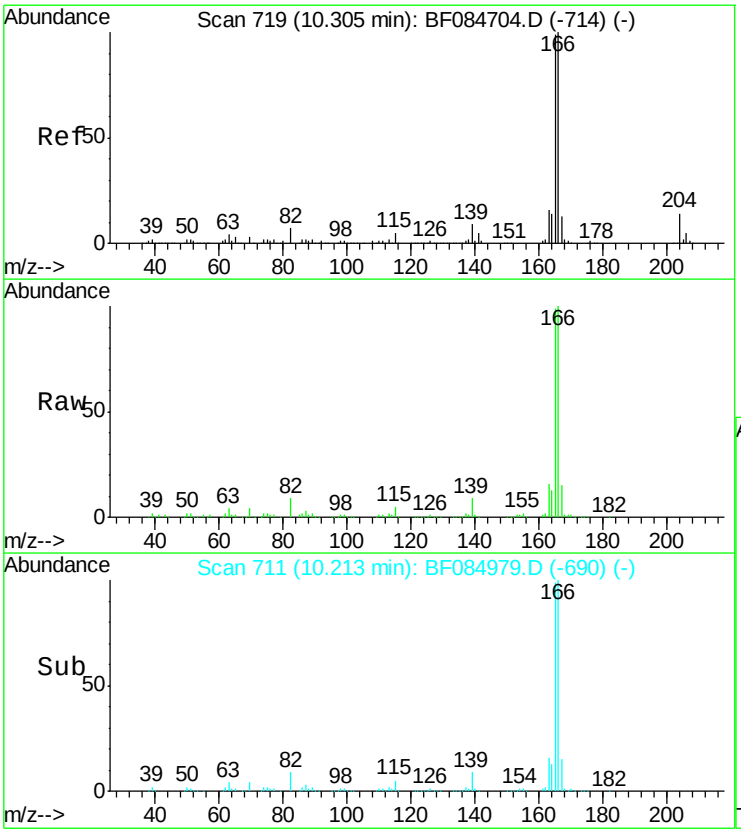
#55
4-Nitrophenol
Concen: 17.45 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:139 Resp: 59231

Ion	Ratio	Lower	Upper
139	100		
109	1.2	58.5	98.5#
65	1.8	57.6	97.6#

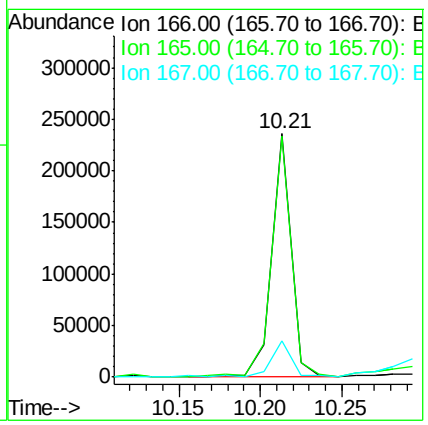


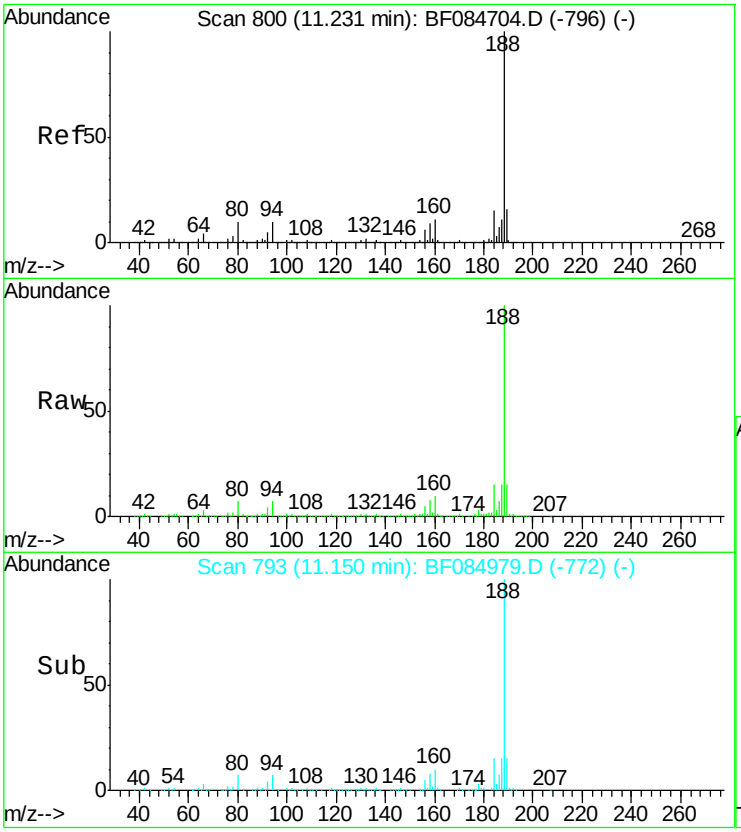


#57
Fluorene
Concen: 11.98 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.06 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Tgt Ion:166 Resp: 196080

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.1	118.7
167	14.7	10.4	15.6



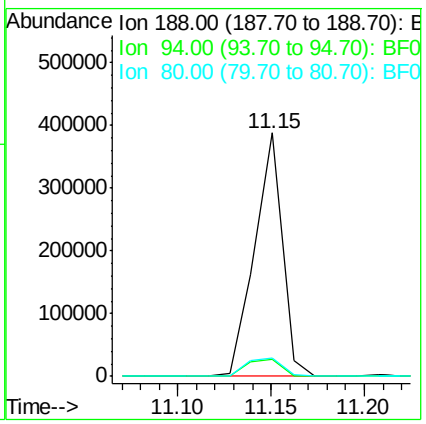


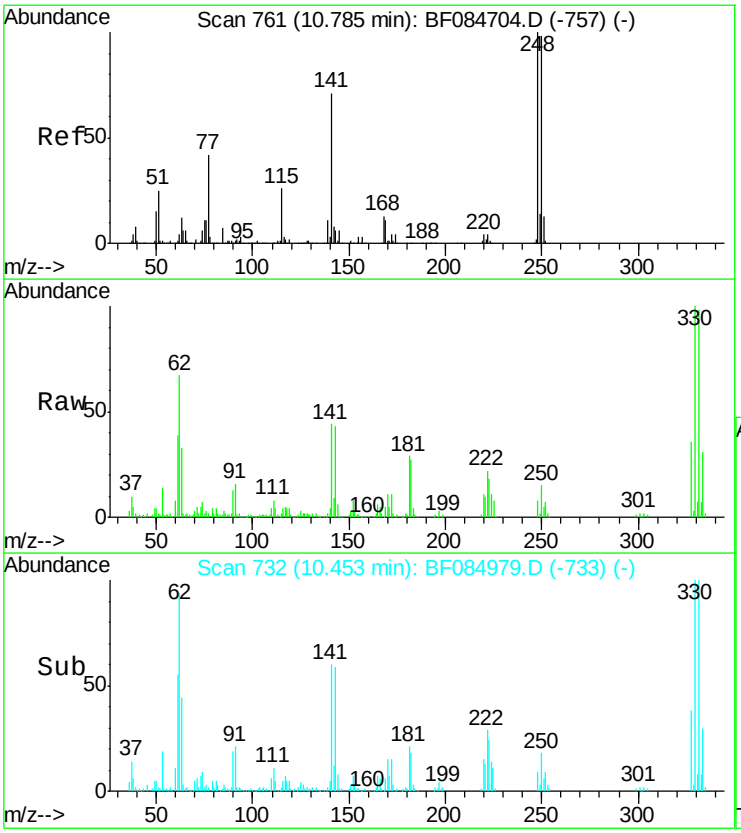
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 793
Delta R.T. -0.06 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:188 Resp: 396691

Ion	Ratio	Lower	Upper
188	100		
94	7.2	9.0	13.4#
80	7.4	9.6	14.4#

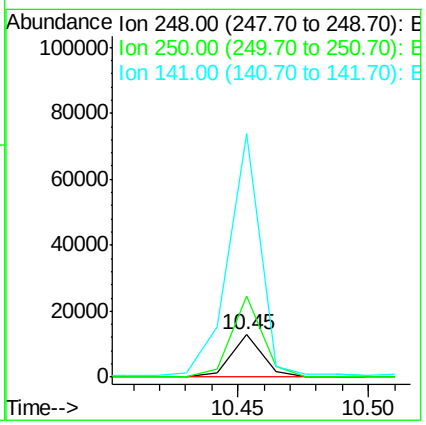


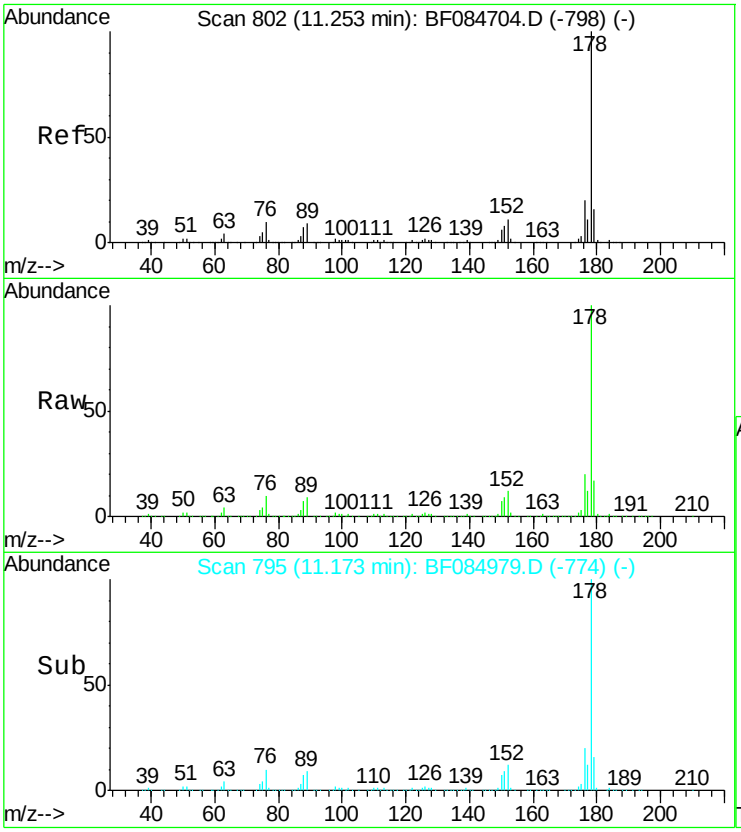


#66
4-Bromophenyl-phenylether
Concen: 2.47 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.31 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Tgt Ion:248 Resp: 10822

Ion	Ratio	Lower	Upper
248	100		
250	192.3	78.4	117.6#
141	578.0	44.0	66.0#



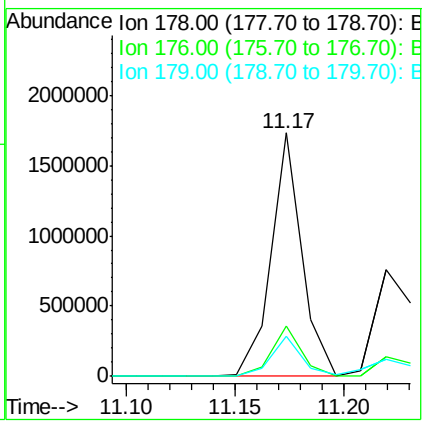


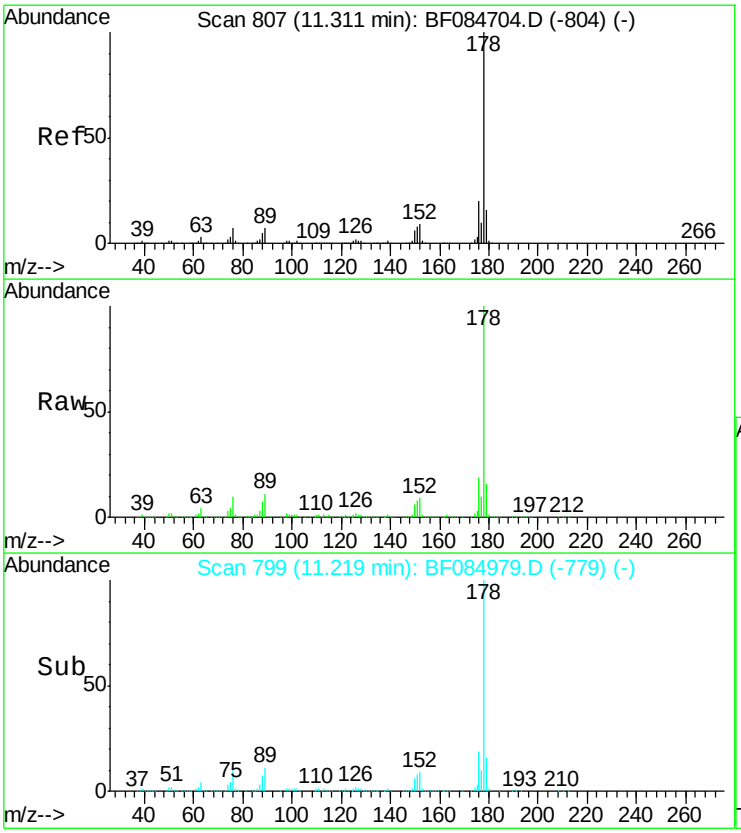
#70
Phenanthrene
Concen: 78.21 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.06 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:178 Resp: 1720879

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.3	22.9
179	16.5	12.0	18.0

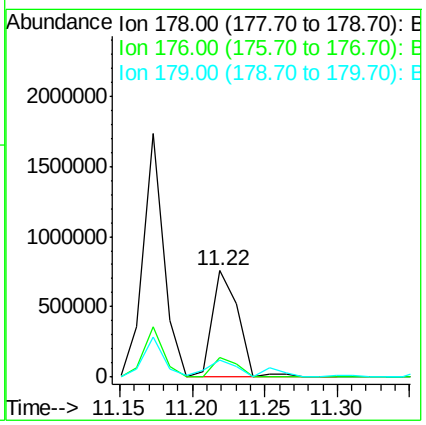


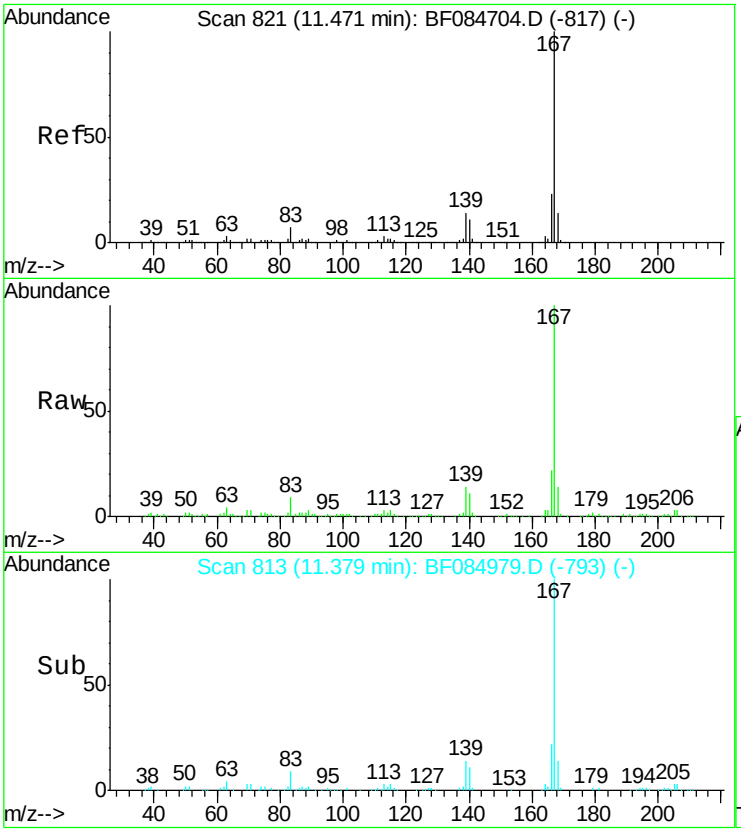


#71
Anthracene
Concen: 41.91 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.07 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Tgt Ion:178 Resp: 929069

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	16.5	12.5	18.7



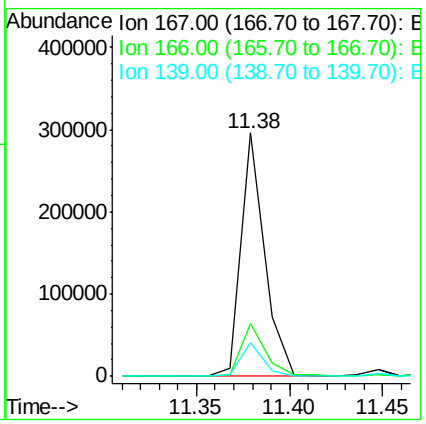


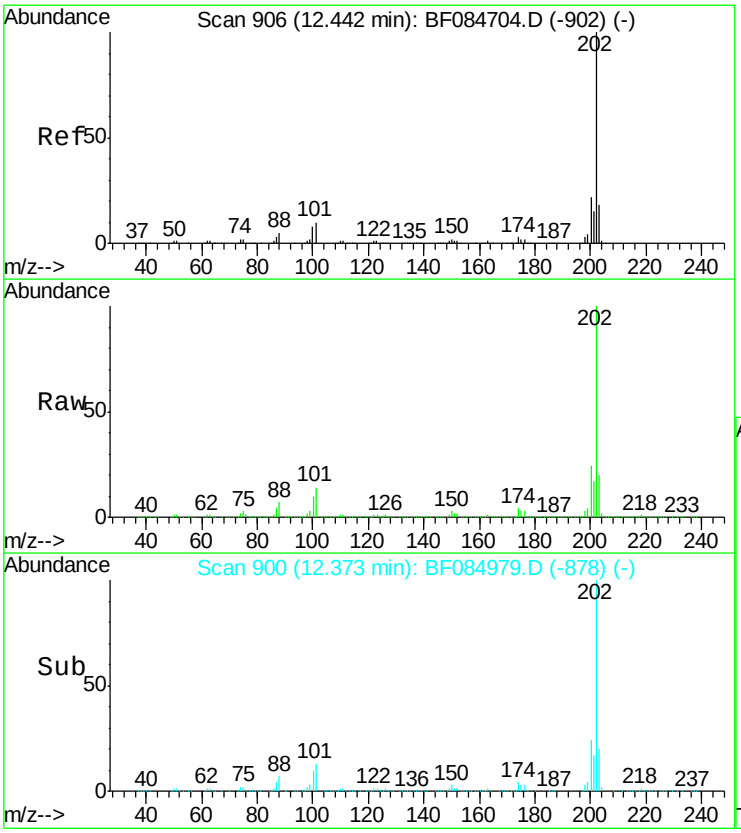
#72
Carbazole
Concen: 13.46 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.07 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:167 Resp: 260111

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	14.0	11.8	17.8

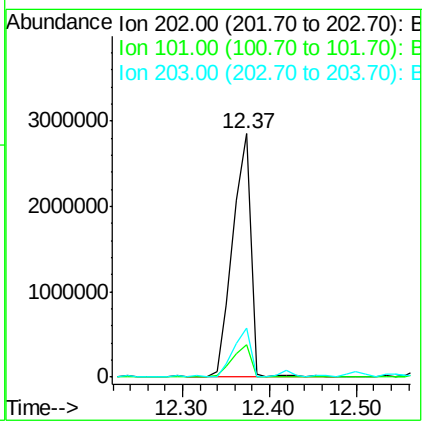


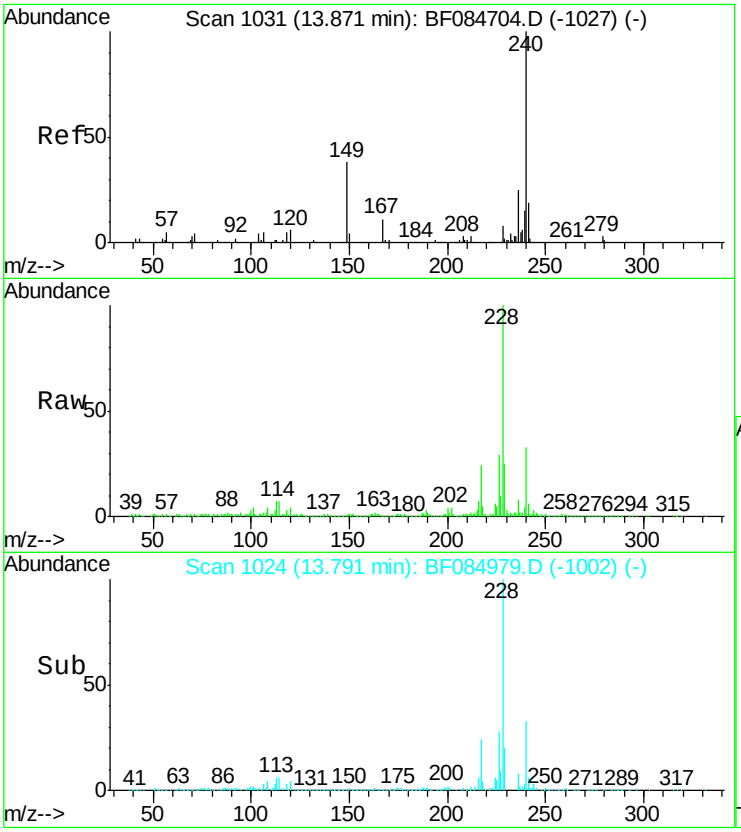


#74
Fluoranthene
Concen: 182.85 ng
RT: 12.37 min Scan# 900
Delta R.T. -0.05 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Tgt Ion:202 Resp: 4071898

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	32.8
203	20.3	0.0	37.9



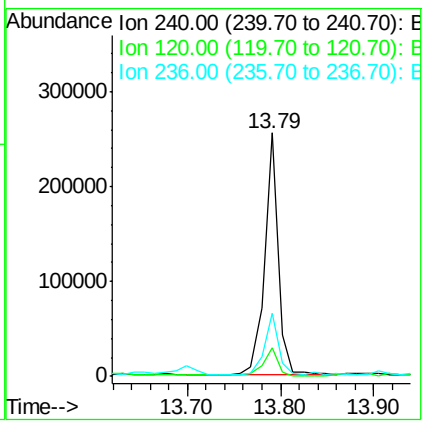


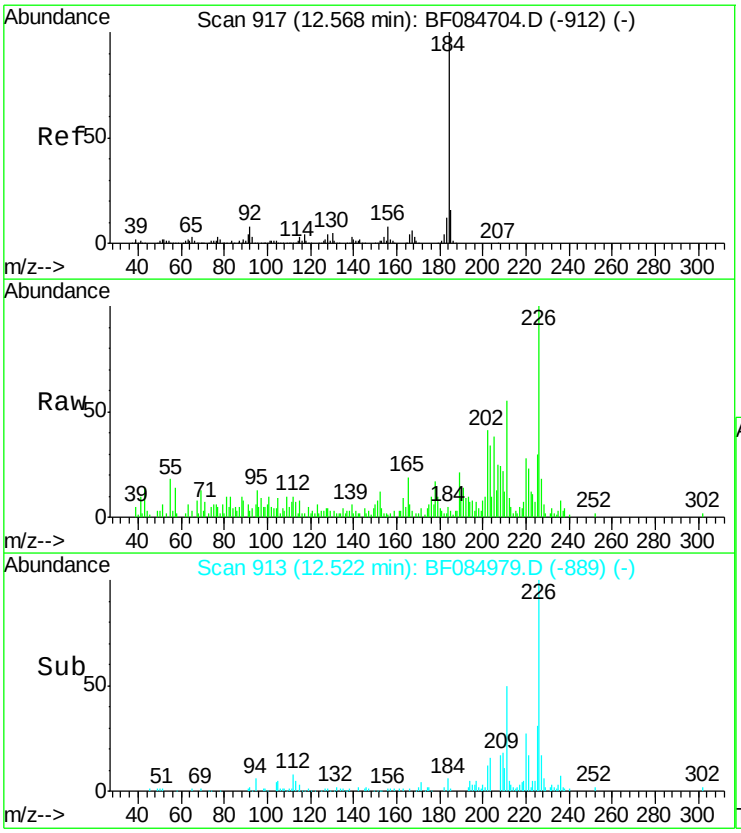
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1024
Delta R.T. -0.05 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:240 Resp: 268415

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	25.7	20.6	31.0

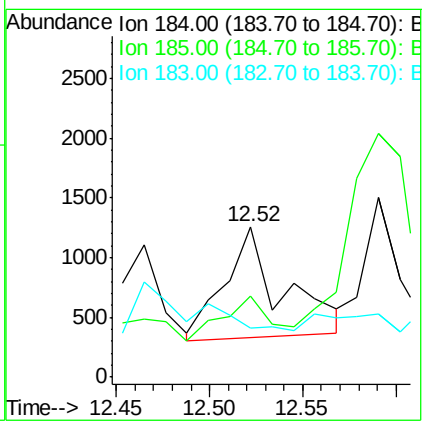


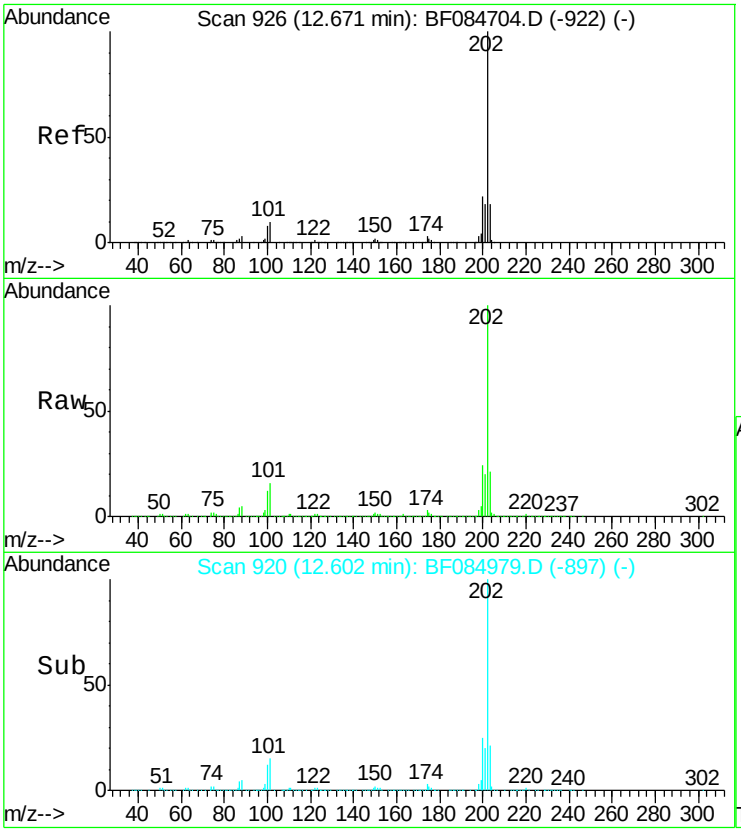


#76
Benzidine
Concen: 7.03 ng
RT: 12.52 min Scan# 913
Delta R.T. -0.02 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Tgt Ion:184 Resp: 2019

Ion	Ratio	Lower	Upper
184	100		
185	54.2	12.2	18.2#
183	32.3	9.8	14.8#



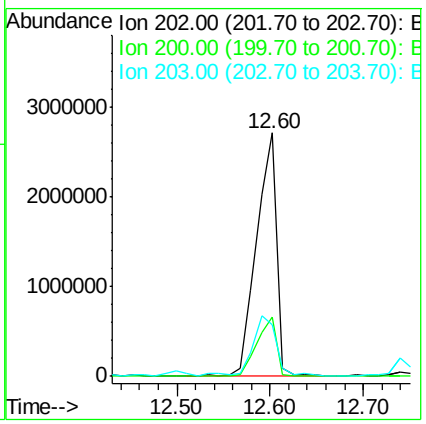


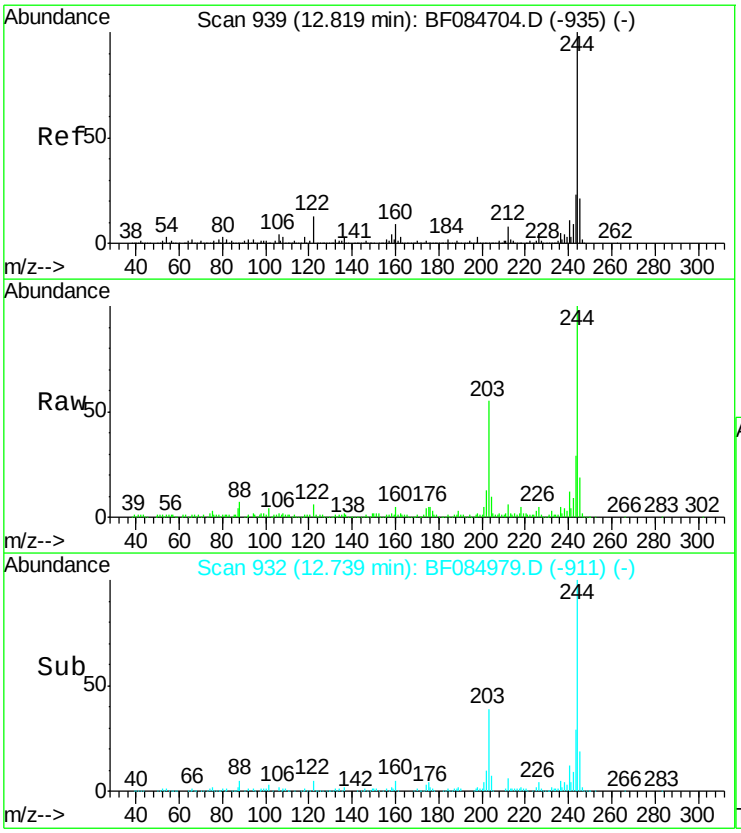
#77
Pyrene
Concen: 198.52 ng
RT: 12.60 min Scan# 920
Delta R.T. -0.03 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:202 Resp: 4079644

Ion	Ratio	Lower	Upper
202	100		
200	24.4	17.2	25.8
203	21.0	14.3	21.5

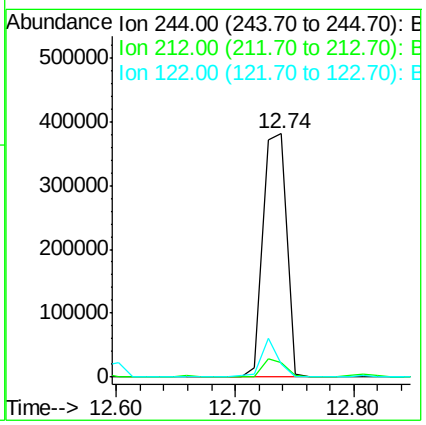


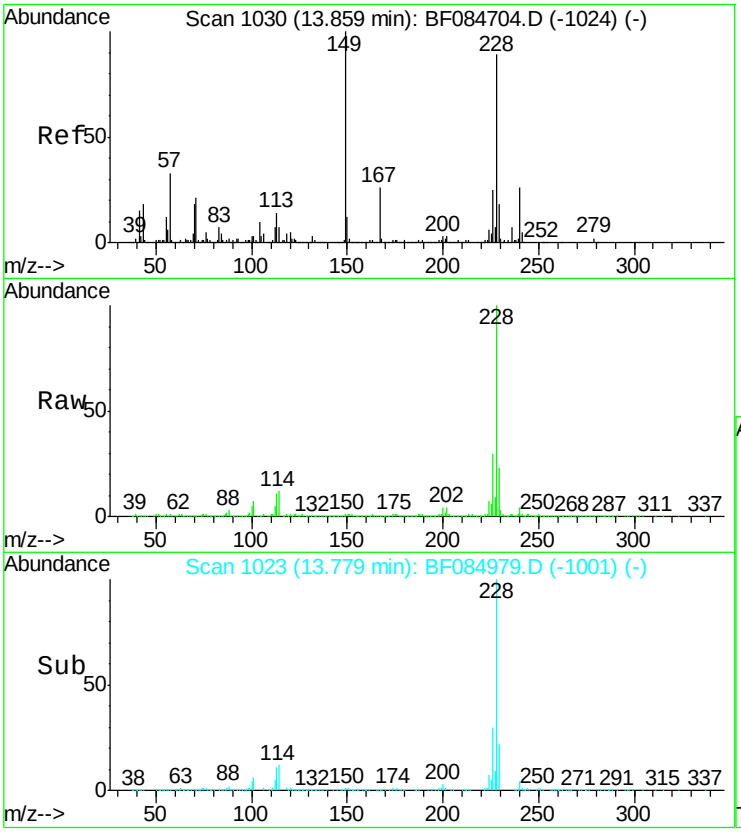


#78
Terphenyl-d14
Concen: 44.84 ng
RT: 12.74 min Scan# 932
Delta R.T. -0.06 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Tgt Ion:244 Resp: 531162

Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.7	8.5
122	5.7	7.4	11.0#



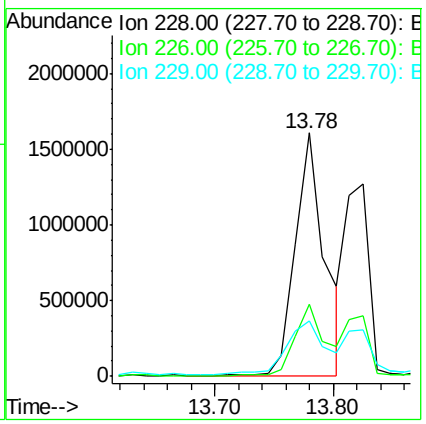


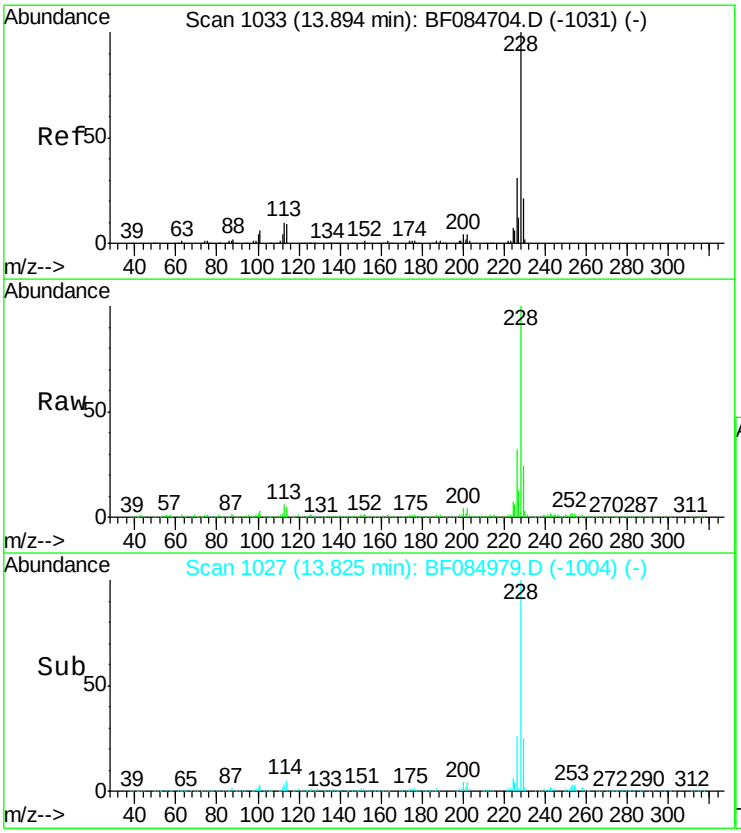
#80
Benzo(a)anthracene
Concen: 165.98 ng
RT: 13.78 min Scan# 1023
Delta R.T. -0.05 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:228 Resp: 2765166

Ion	Ratio	Lower	Upper
228	100		
226	29.9	21.8	32.6
229	23.0	15.8	23.8

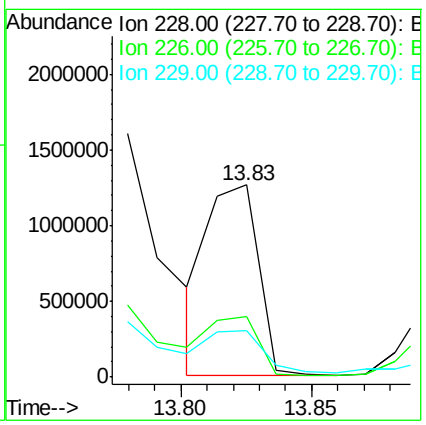


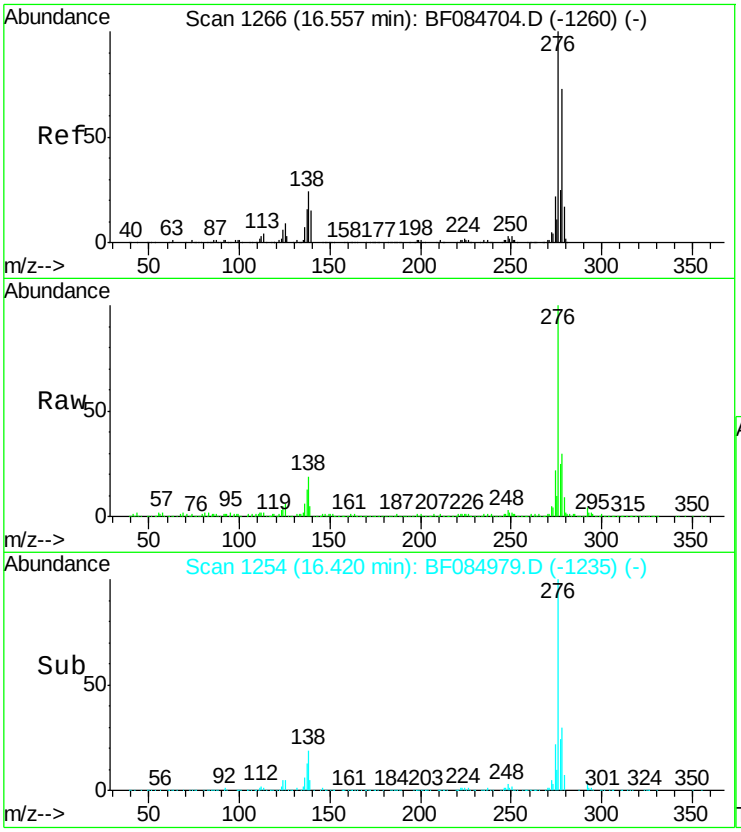


#82
Chrysene
Concen: 105.33 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Tgt Ion:228 Resp: 1701571

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.3	36.5
229	24.0	16.1	24.1



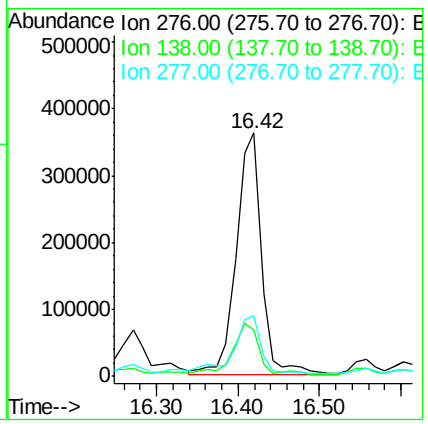


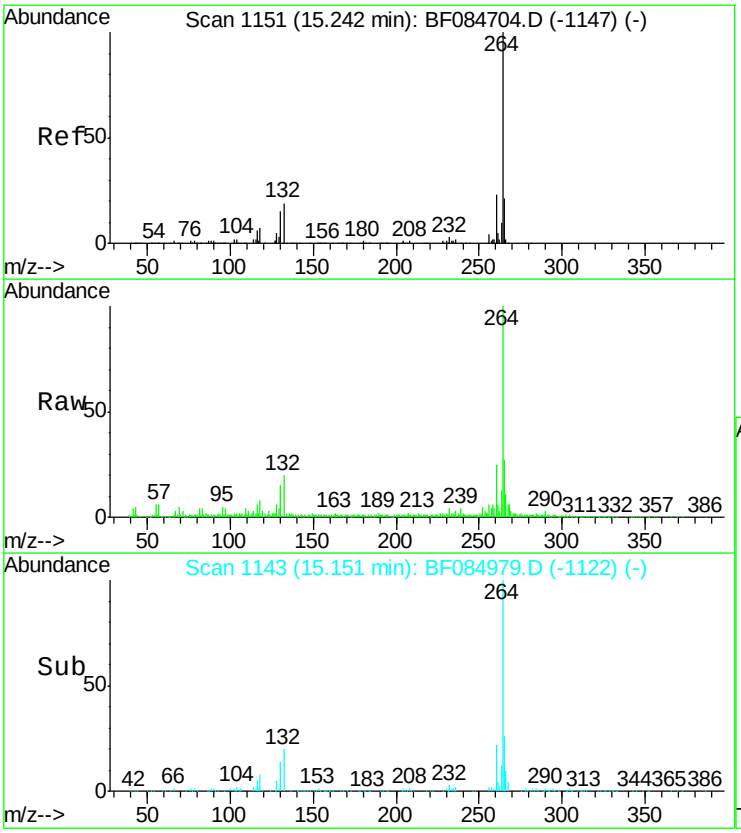
#85
Indeno(1,2,3-cd)pyrene
Concen: 60.71 ng
RT: 16.42 min Scan# 1254
Delta R.T. -0.08 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:276 Resp: 772021

Ion	Ratio	Lower	Upper
276	100		
138	21.6	20.6	30.8
277	29.3	20.1	30.1

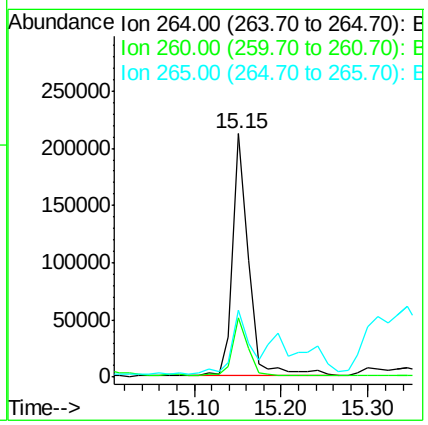


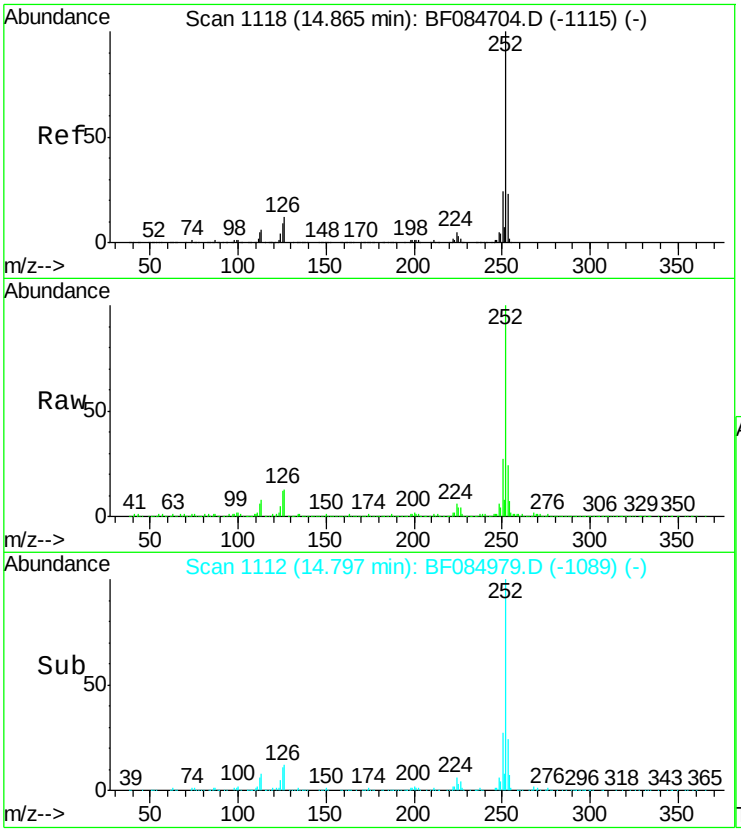


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1143
Delta R.T. -0.06 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Tgt Ion:264 Resp: 267855

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	27.3	17.8	26.6#



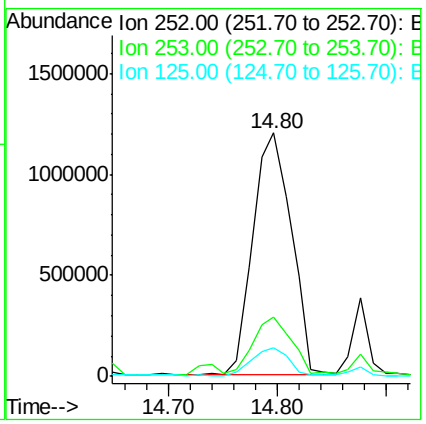


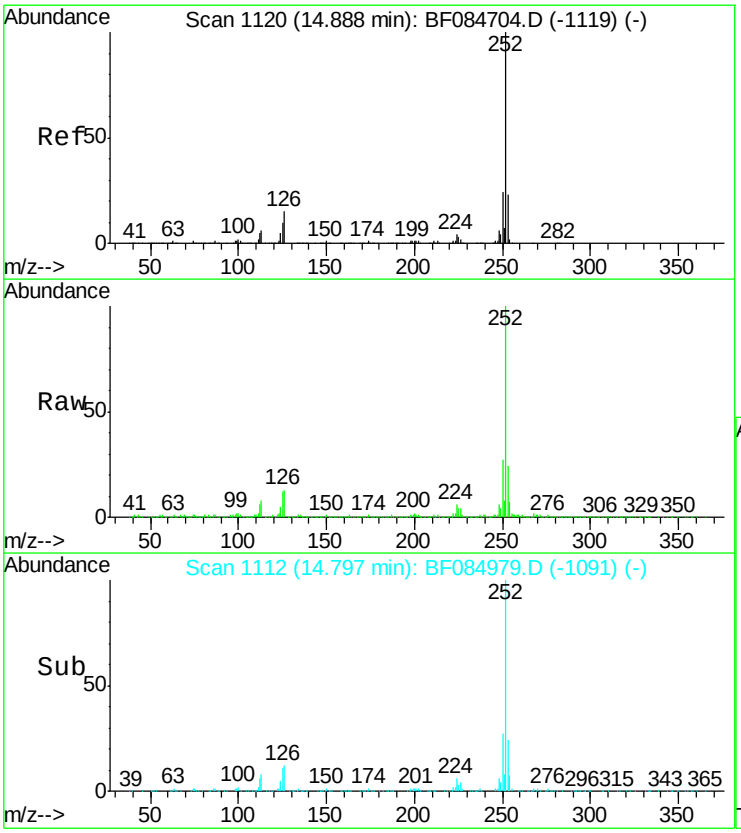
#87
Benzo(b)fluoranthene
Concen: 164.54 ng
RT: 14.80 min Scan# 1112
Delta R.T. -0.03 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:252 Resp: 2961149

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.3	25.9
125	11.6	6.5	9.7#

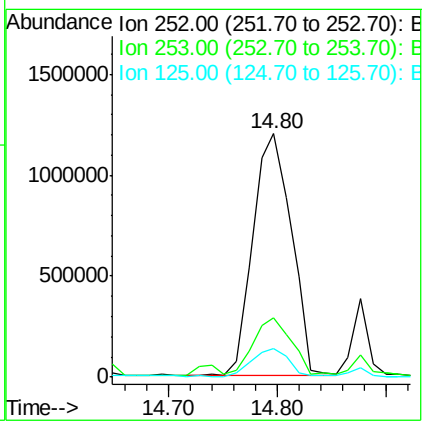


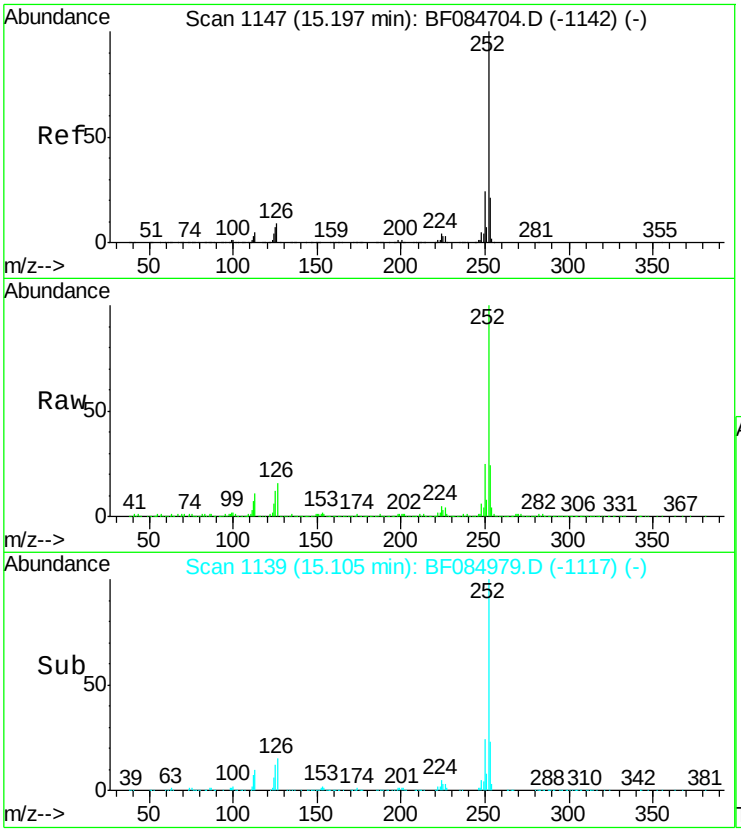


#88
Benzo(k)fluoranthene
Concen: 198.99 ng
RT: 14.80 min Scan# 1112
Delta R.T. -0.06 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Tgt Ion:252 Resp: 2961149

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.1	27.1
125	11.6	9.0	13.6



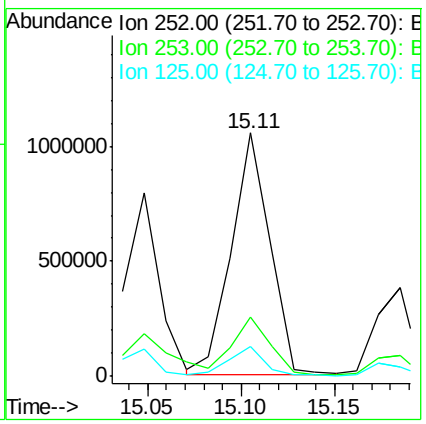


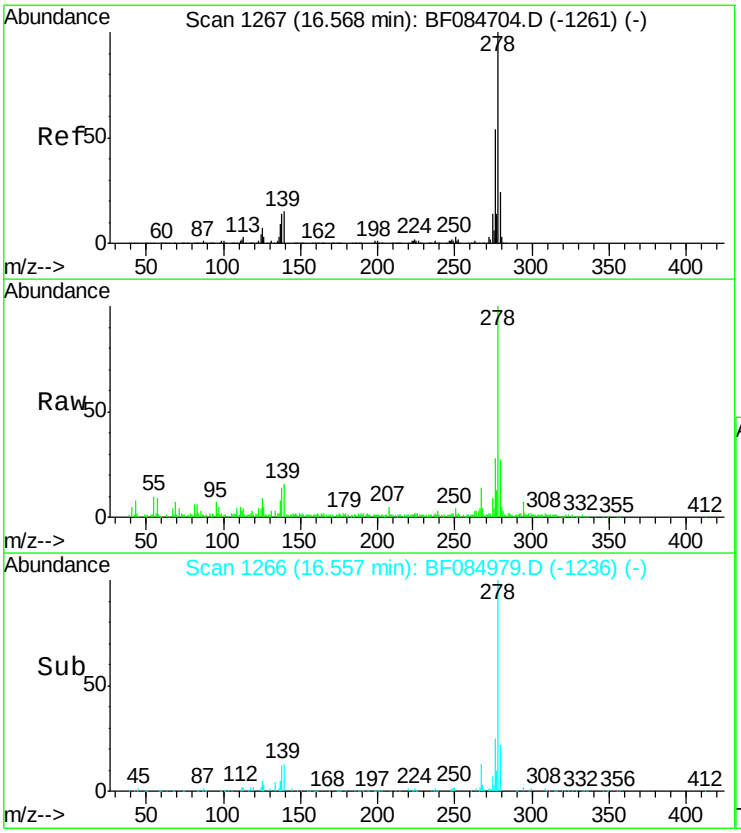
#89
Benzo(a)pyrene
Concen: 98.85 ng
RT: 15.11 min Scan# 1139
Delta R.T. -0.05 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:252 Resp: 1515759

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.3	25.9
125	12.0	7.0	10.4#

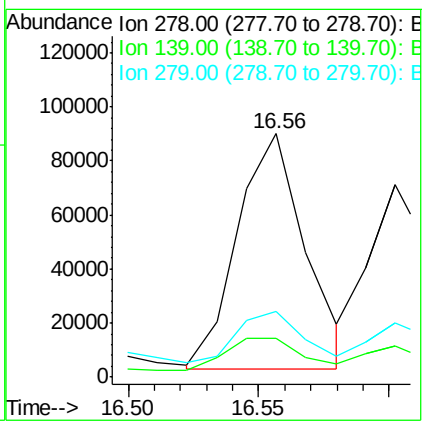


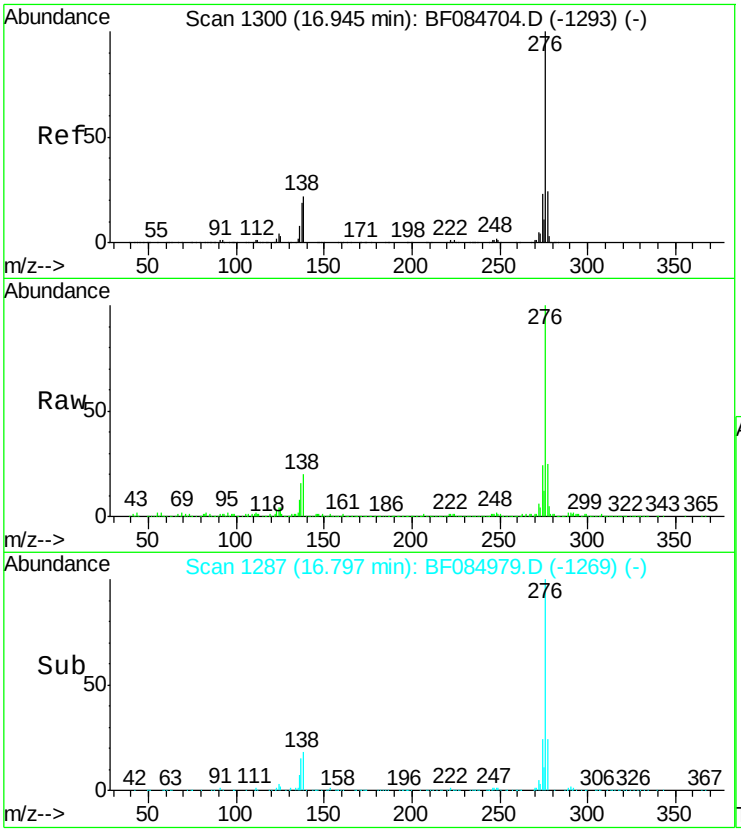


#90
Dibenzo(a,h)anthracene
Concen: 12.27 ng
RT: 16.56 min Scan# 1266
Delta R.T. 0.05 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Tgt Ion:278 Resp: 158441

Ion	Ratio	Lower	Upper
278	100		
139	15.8	15.0	22.4
279	27.1	18.9	28.3





#91
Benzo(g,h,i)perylene
Concen: 50.69 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.09 min
Lab File: BF084979.D
Acq: 10 Feb 2016 3:50

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:276 Resp: 659076

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.8	28.2
138	19.6	17.8	26.6