Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF091000.D
Acq On : 3 Nov 2016 00:34
Operator : UM/SJ
Sample : H5493-25DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 03 02:15:35 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)DL

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	161182	20.00	ng		-0.02
21) Naphthalene-d8	8.01	136	647026	20.00	ng		-0.03
38) Acenaphthene-d10	9.77	164	332284	20.00	ng		-0.02
63) Phenanthrene-d10	11.25	188	458043	20.00	ng		-0.01
75) Chrysene-d12	13.92	240	351079	20.00	ng		0.01
86) Perylene-d12	15.32	264	396537	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1263767	137.09	ng		-0.01
7) Phenol-d6	6.37	99	1511556	121.53	ng		-0.02
23) Nitrobenzene-d5	7.29	82	968504	97.99	ng		-0.03
41) 2,4,6-Tribromophenol	10.56	330	299056	87.58	ng		-0.02
44) 2-Fluorobiphenyl	9.09	172	1510350	79.82	ng		-0.02
78) Terphenyl-d14	12.84	244	1148201	82.40	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.03	128	612420	20.25	ng		98
37) 2-Methylnaphthalene	8.73	142	153107	7.84	ng	#	90
45) 1,1'-Biphenyl	9.20	154	70236	2.93	ng		94
48) Acenaphthylene	9.63	152	1845898	66.96	ng	#	93
49) Dimethylphthalate	9.49	163	568275	25.60	ng	#	98
51) Acenaphthene	9.80	154	499164	26.29	ng		87
54) Dibenzofuran	9.97	168	461147	18.82	ng	#	76
57) Fluorene	10.32	166	1296613	64.61	ng		91
70) Phenanthrene	11.29	178	4846243	207.76	ng	#	91
71) Anthracene	11.33	178	2668796	108.66	ng		93
72) Carbazole	11.49	167	219657	10.13	ng	#	85
73) Di-n-butylphthalate	11.83	149	87469	3.13	ng	#	80
74) Fluoranthene	12.50	202	6491079	254.11	ng		89
77) Pyrene	12.72	202	5665289m	254.99	ng		
80) Benzo(a)anthracene	13.91	228	4122706	221.27	ng	#	82
82) Chrysene	13.94	228	3618846m	192.02	ng		
85) Indeno(1,2,3-cd)pyrene	16.68	276	2230458m	133.55	ng		
87) Benzo(b)fluoranthene	14.93	252	4774056m	179.04	ng		
88) Benzo(k)fluoranthene	14.96	252	1396493m	66.27	ng		
89) Benzo(a)pyrene	15.28	252	3479822	151.89	ng	#	83
90) Dibenzo(a,h)anthracene	16.68	278	625109	32.23	ng	#	77
91) Benzo(g,h,i)perylene	17.09	276	2013357	110.22	ng	#	73

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

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Instrument :
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SB-6(0-2)DL

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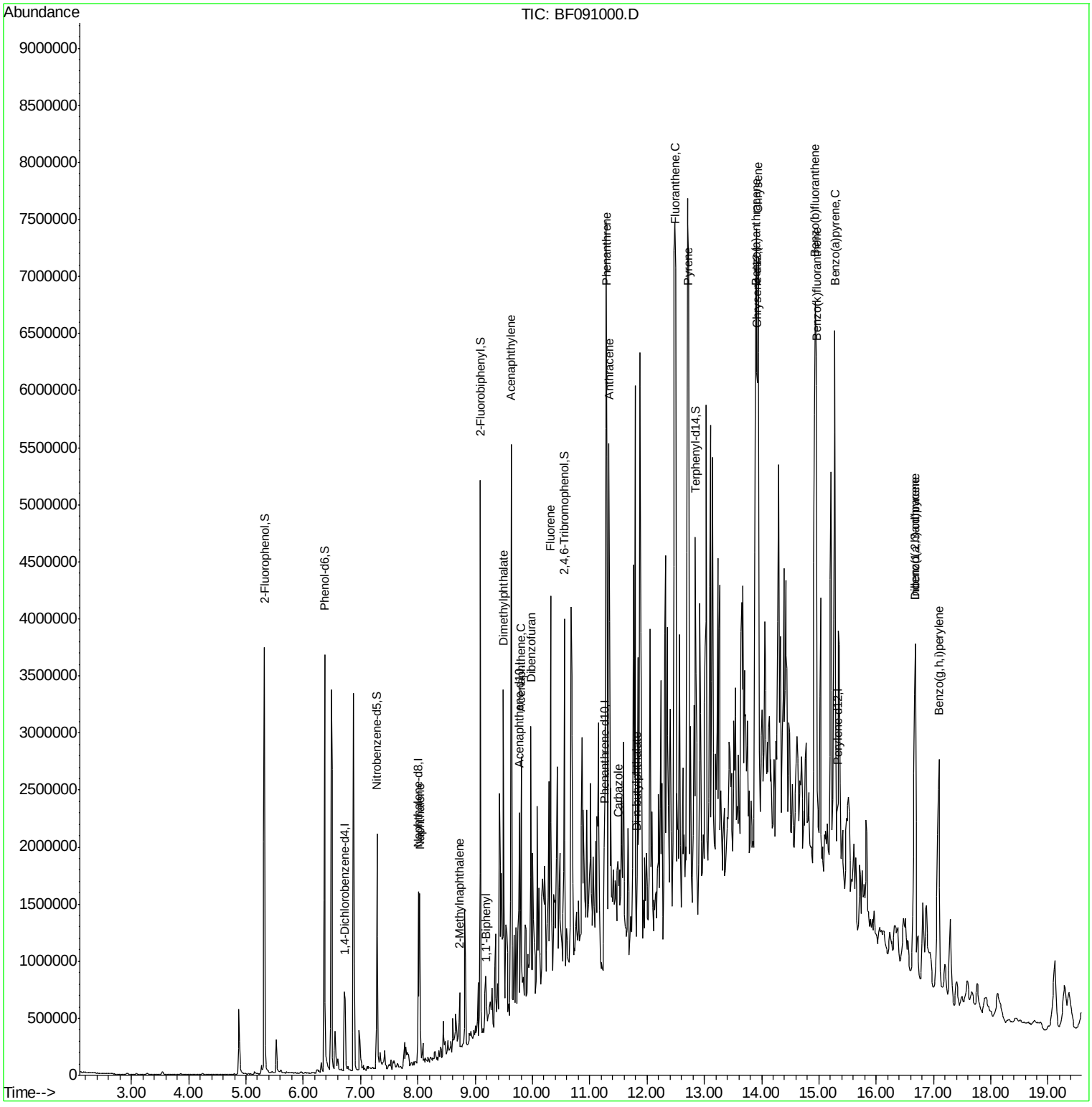
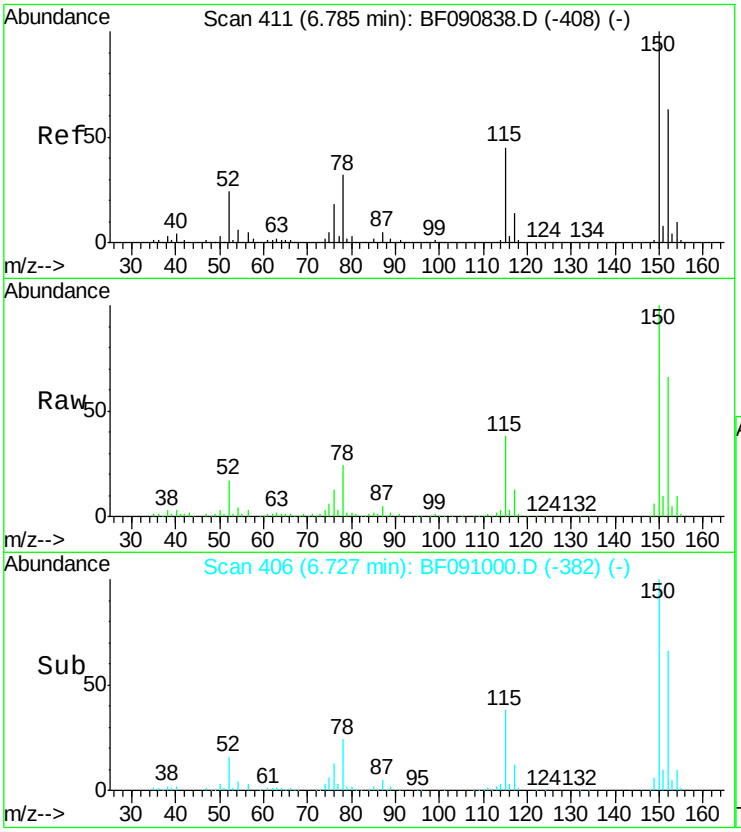
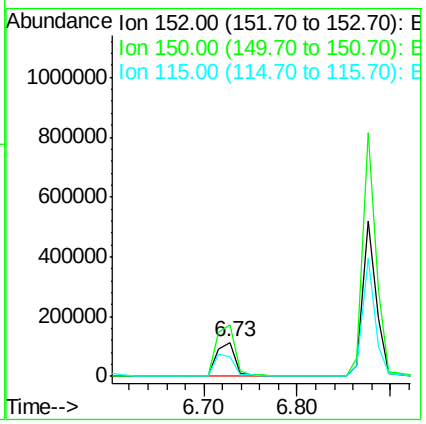




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.02 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion:152 Resp: 161182

Ion	Ratio	Lower	Upper
152	100		
150	151.1	124.7	187.1
115	57.9	39.0	58.4



Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)DL

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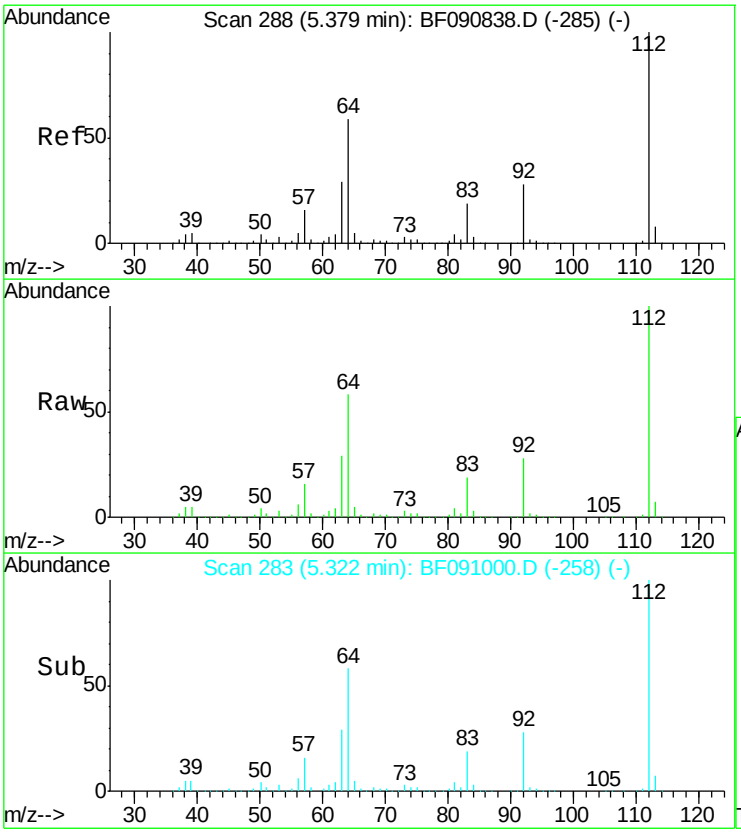
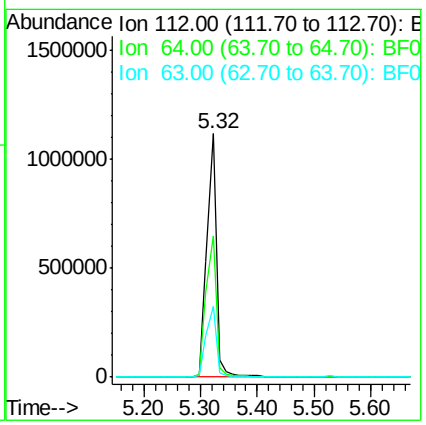
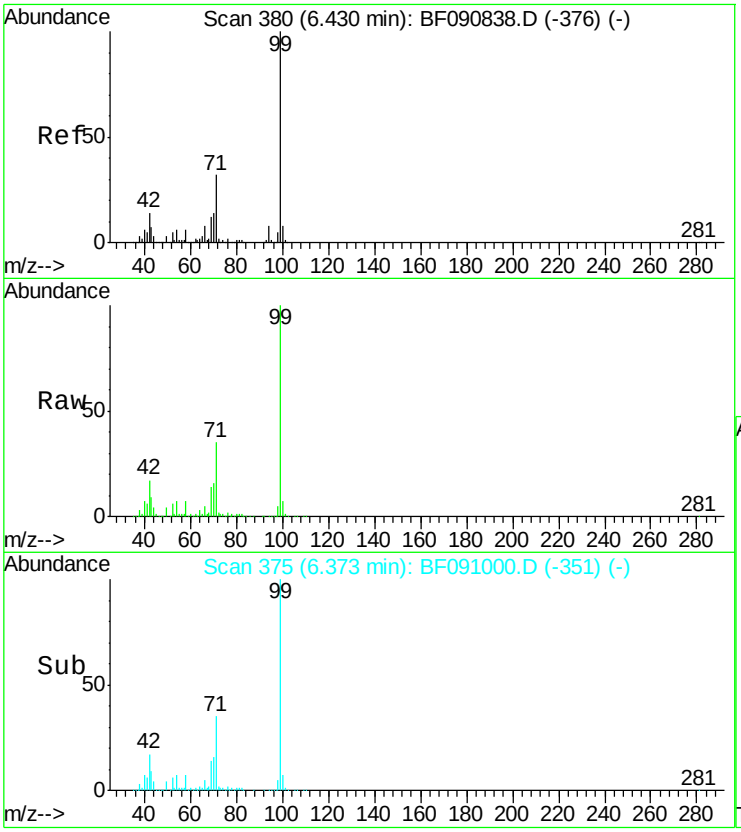


#5
2-Fluorophenol
Concen: 137.09 ng
RT: 5.32 min Scan# 283
Delta R.T. -0.01 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion:112 Resp: 1263767

Ion	Ratio	Lower	Upper
112	100		
64	58.2	39.7	59.5
63	29.3	17.4	26.0#

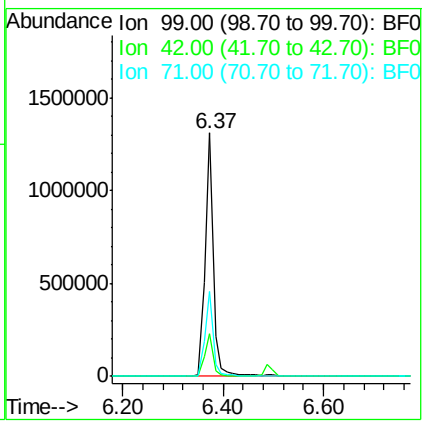




#7
Phenol-d6
Concen: 121.53 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.02 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion: 99 Resp: 1511556

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.7	20.5
71	34.9	14.2	21.2#



Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)DL

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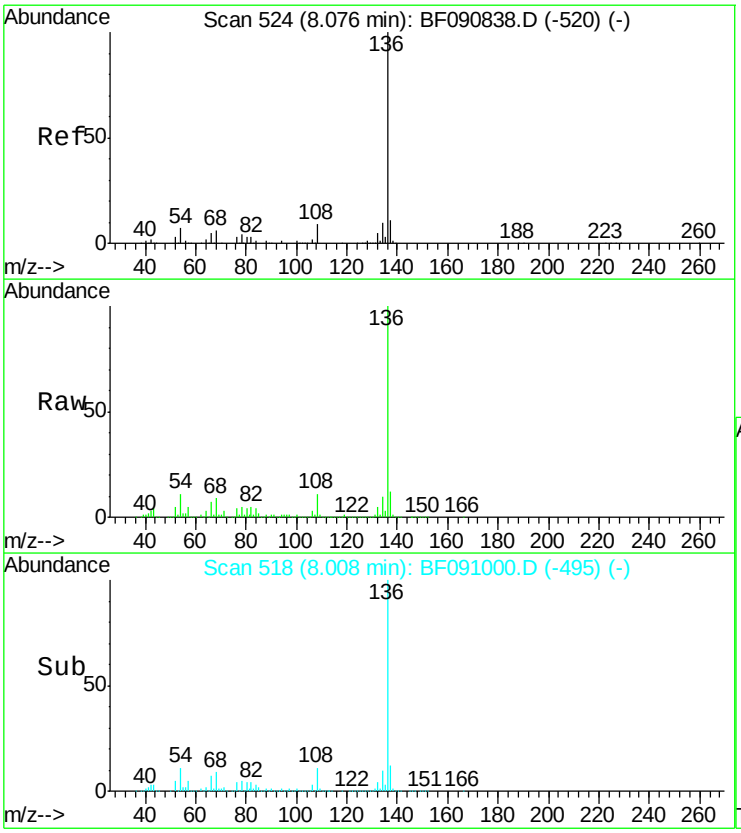
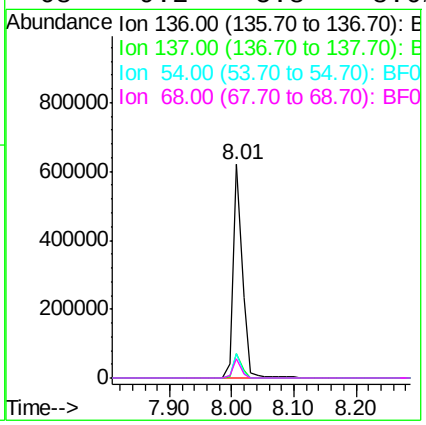
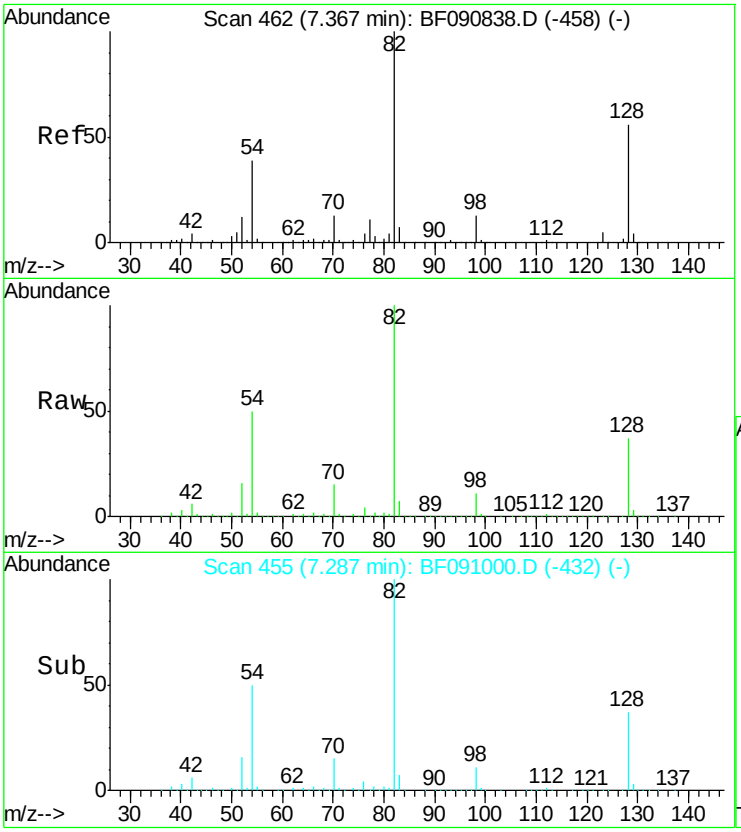


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.03 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion:136 Resp: 647026

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	11.1	8.2	12.2
68	9.2	5.8	8.6#

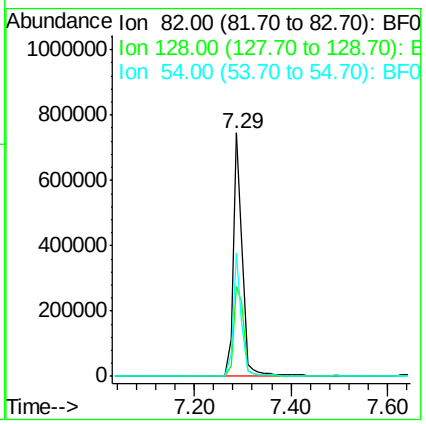




#23
Nitrobenzene-d5
Concen: 97.99 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.03 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion: 82 Resp: 968504

Ion	Ratio	Lower	Upper
82	100		
128	37.1	51.0	76.6#
54	50.4	47.5	71.3



Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)DL

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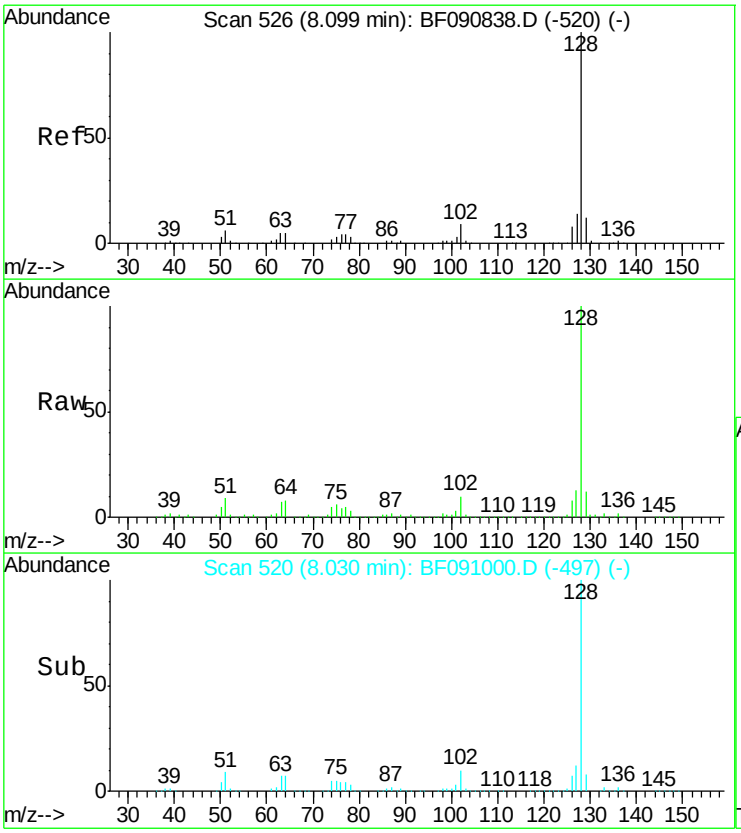
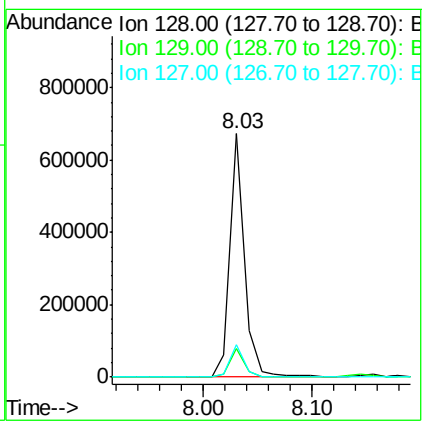
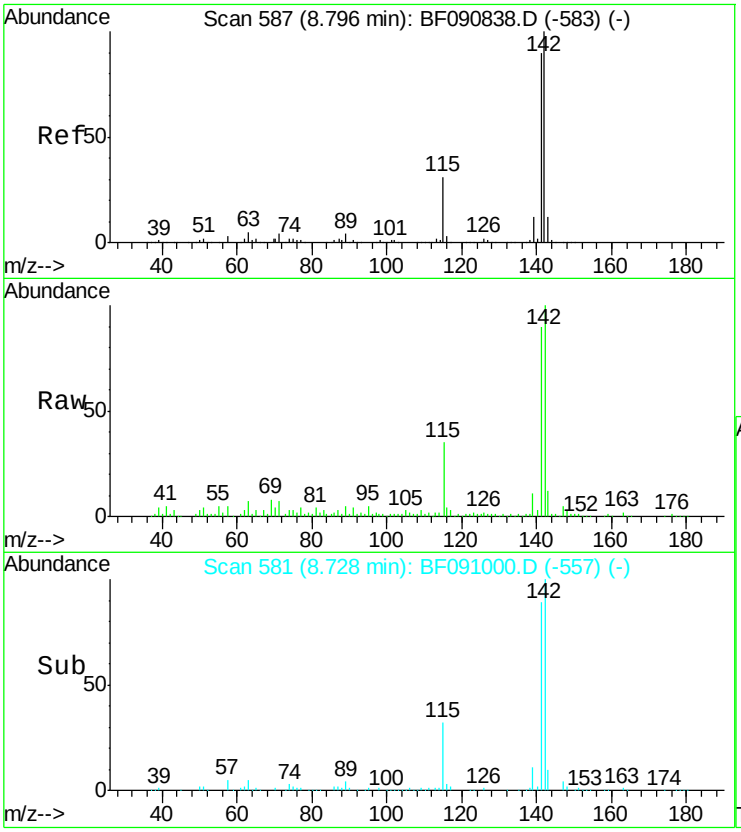


#31
Naphthalene
Concen: 20.25 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion:128 Resp: 612420

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.4	12.6
127	13.2	9.9	14.9

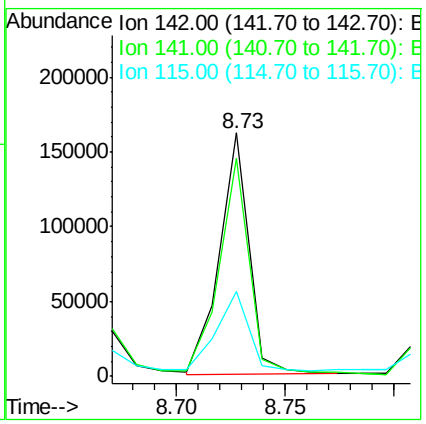




#37
2-Methylnaphthalene
Concen: 7.84 ng
RT: 8.73 min Scan# 581
Delta R.T. -0.02 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion:142 Resp: 153107

Ion	Ratio	Lower	Upper
142	100		
141	89.7	67.5	101.3
115	34.6	18.2	27.2#



Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)DL

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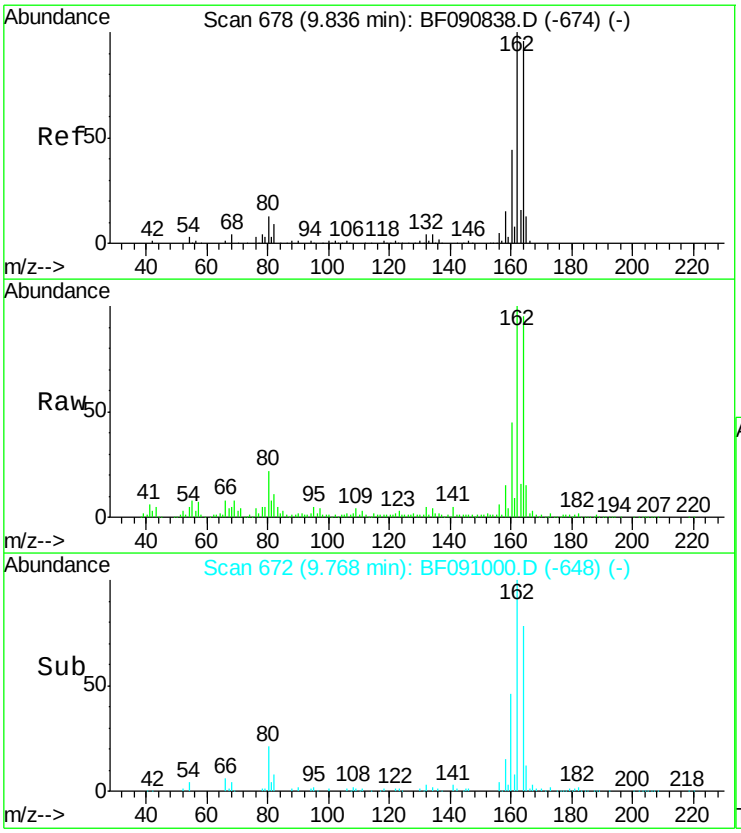
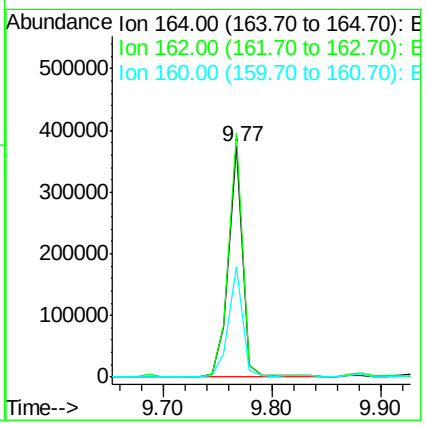
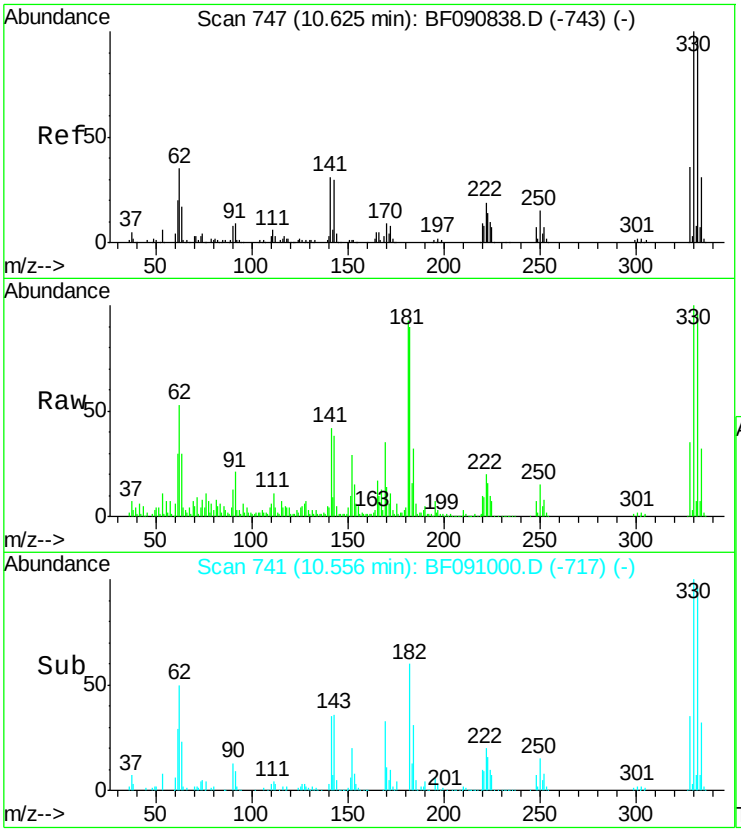


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion:164 Resp: 332284

Ion	Ratio	Lower	Upper
164	100		
162	105.7	75.2	112.8
160	47.8	31.5	47.3#

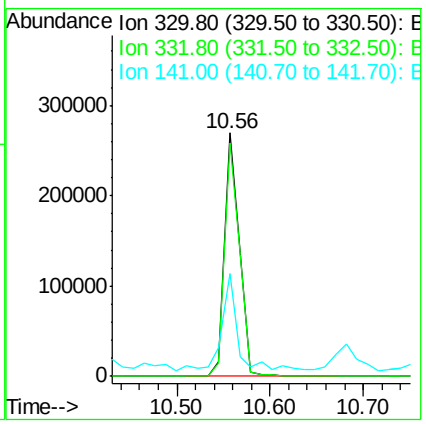




#41
2,4,6-Tribromophenol
Concen: 87.58 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.02 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion:330 Resp: 299056

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	114.8
141	42.8	29.7	44.5



Instrument :
BNA_F
ClientSampleId :
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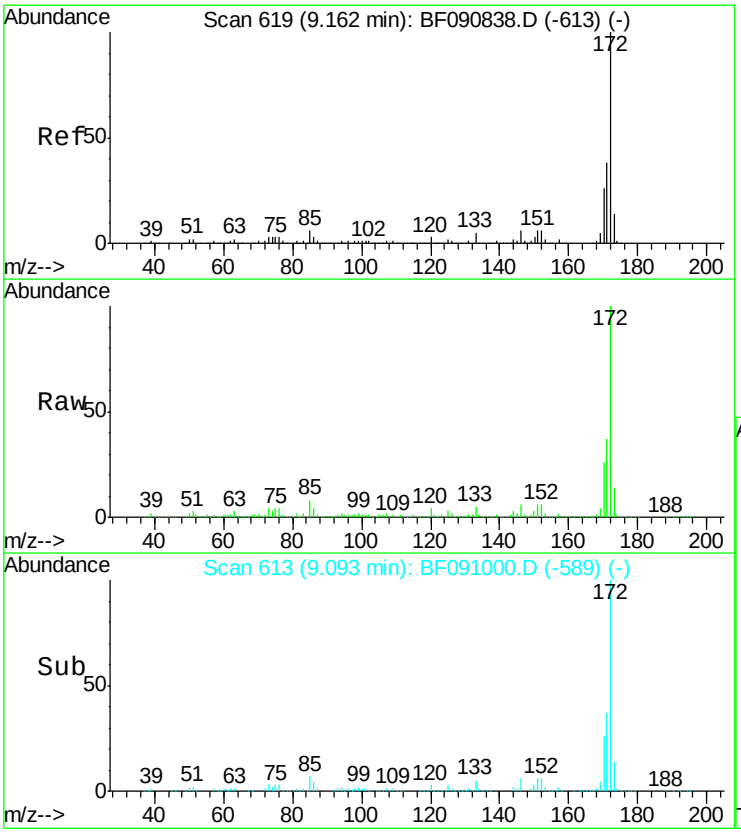
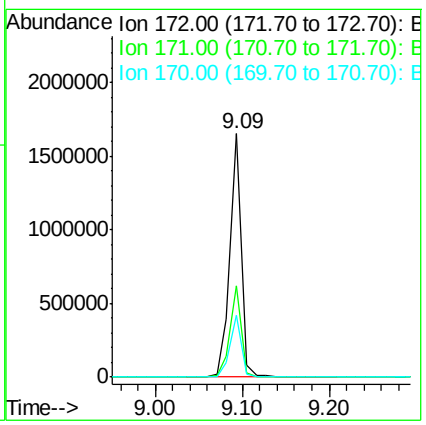
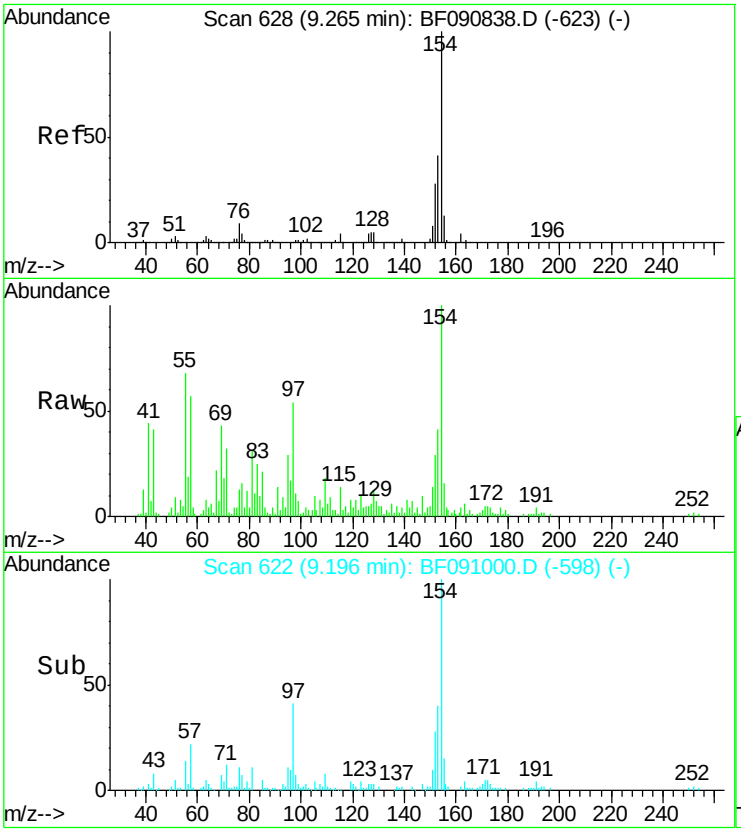


#44
2-Fluorobiphenyl
Concen: 79.82 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.02 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion:172 Resp: 1510350

Ion	Ratio	Lower	Upper
172	100		
171	37.4	26.1	39.1
170	25.6	17.4	26.2

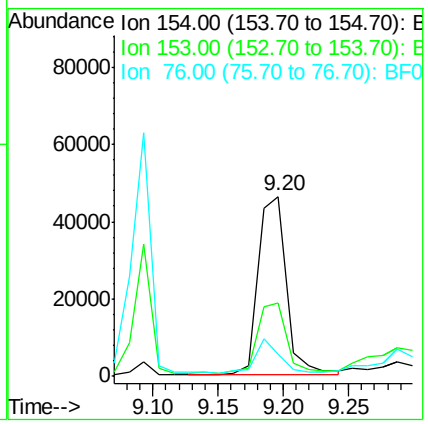




#45
1,1'-Biphenyl
Concen: 2.93 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.02 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion:154 Resp: 70236

Ion	Ratio	Lower	Upper
154	100		
153	41.0	17.1	57.1
76	12.7	0.0	31.6



Instrument :
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ClientSampleId :
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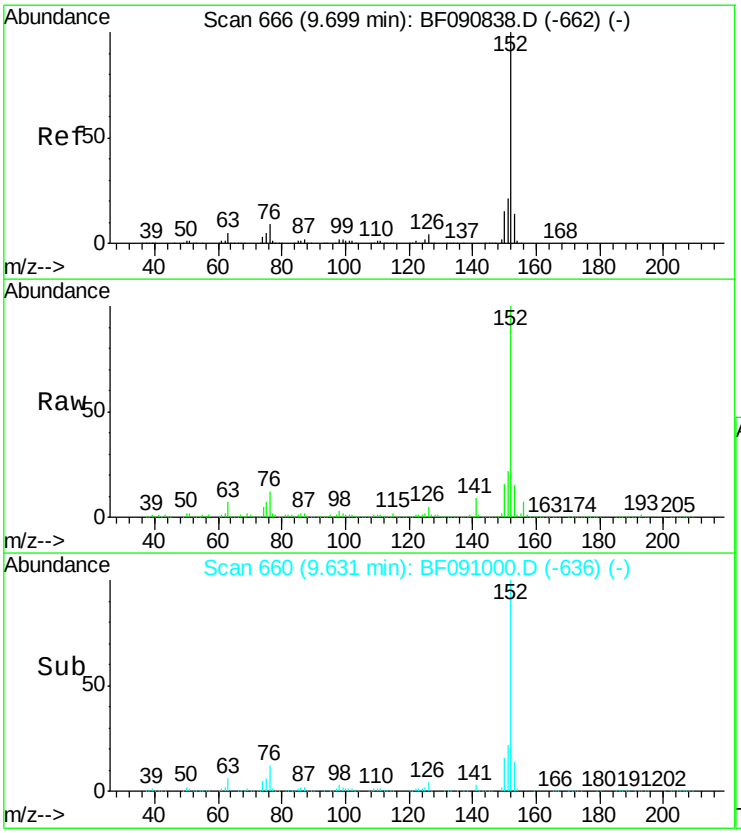
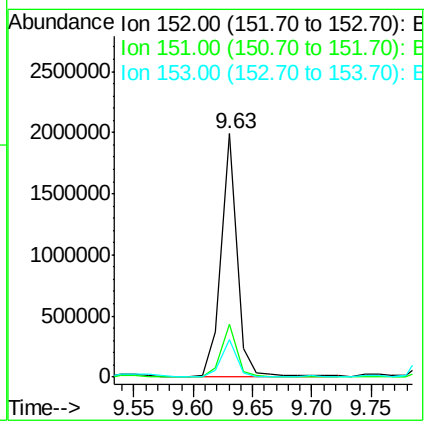
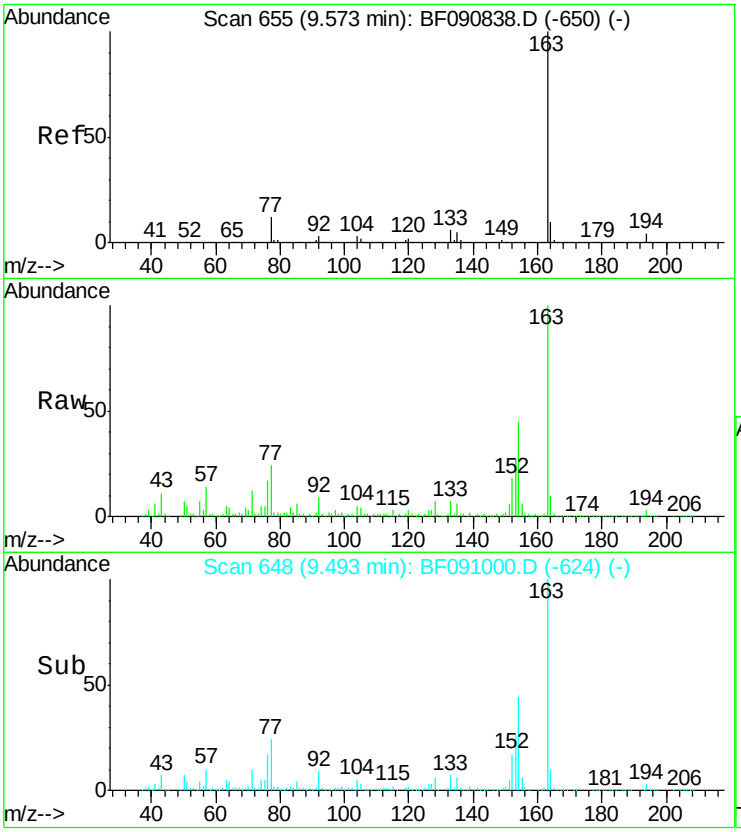


#48
Acenaphthylene
Concen: 66.96 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion:152 Resp: 1845898

Ion	Ratio	Lower	Upper
152	100		
151	22.0	14.6	22.0#
153	15.2	10.3	15.5

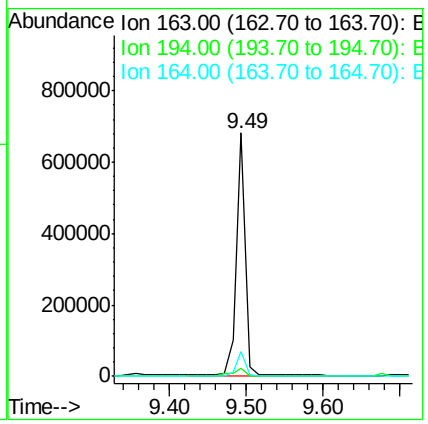




#49
Dimethylphthalate
Concen: 25.60 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.02 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion:163 Resp: 568275

Ion	Ratio	Lower	Upper
163	100		
194	3.5	4.4	6.6#
164	10.4	8.3	12.5



Instrument :
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ClientSampleId :
SB-6(0-2)DL

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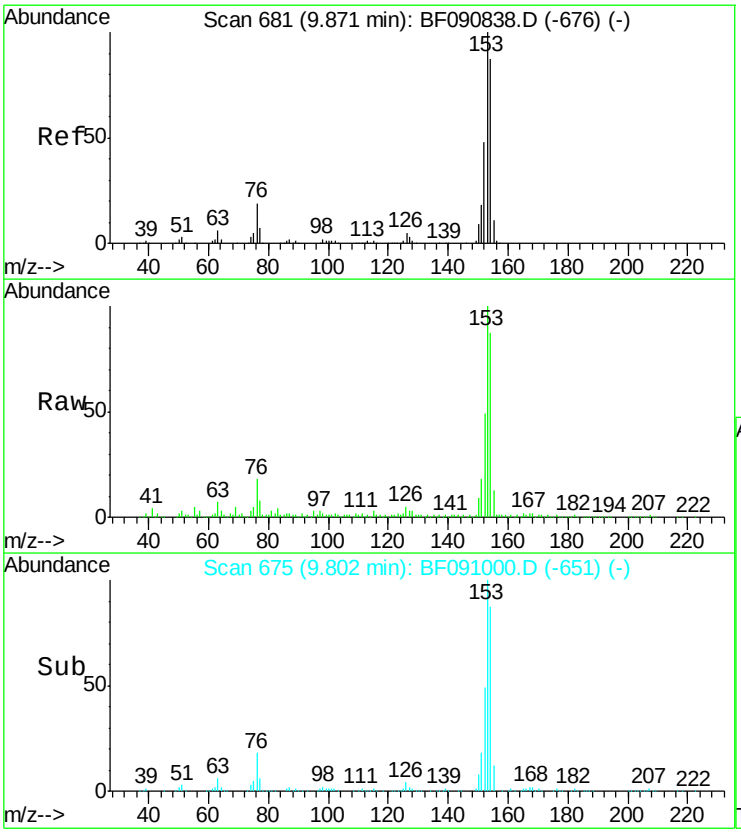
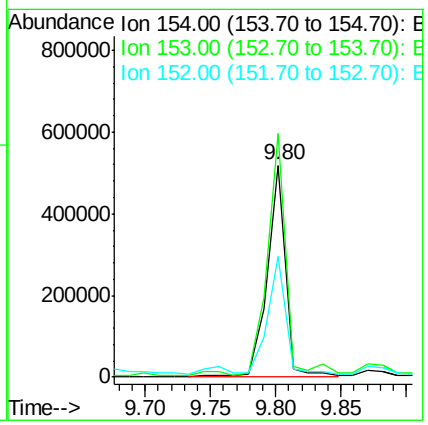
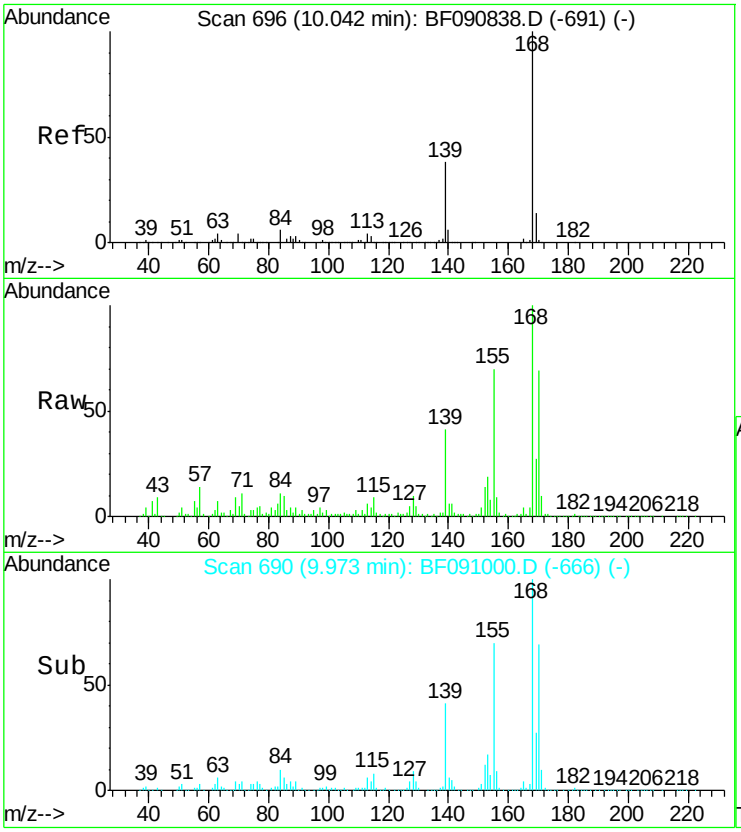


#51
Acenaphthene
Concen: 26.29 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion:154 Resp: 499164

Ion	Ratio	Lower	Upper
154	100		
153	114.8	82.1	123.1
152	56.7	37.9	56.9

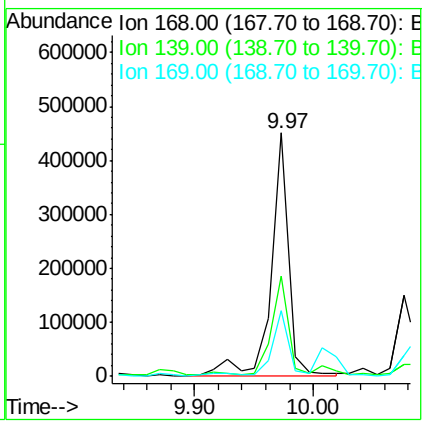




#54
Dibenzofuran
Concen: 18.82 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion:168 Resp: 461147

Ion	Ratio	Lower	Upper
168	100		
139	41.0	24.2	36.2#
169	26.8	10.6	15.8#



Instrument :
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ClientSampleId :
SB-6(0-2)DL

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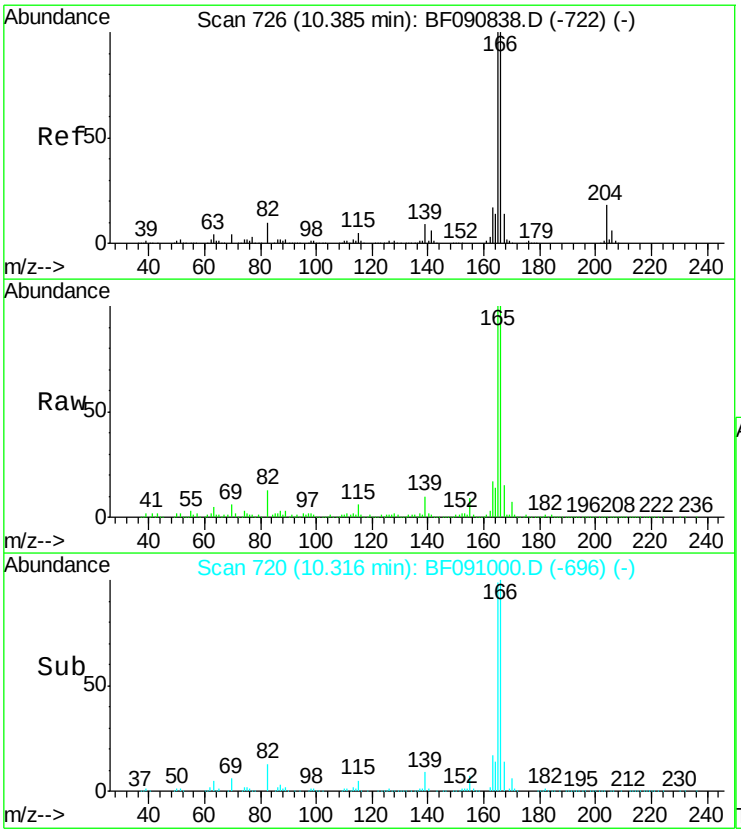
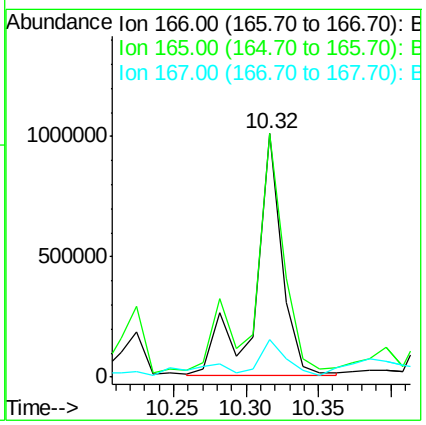
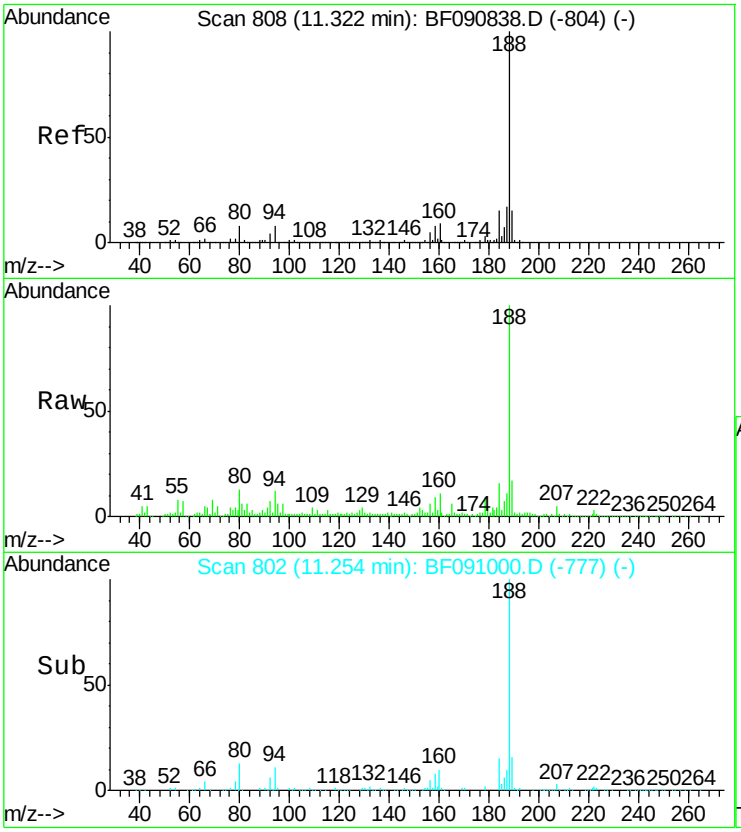


#57
Fluorene
Concen: 64.61 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion:166 Resp: 1296613

Ion	Ratio	Lower	Upper
166	100		
165	99.9	72.6	109.0
167	15.2	10.6	16.0

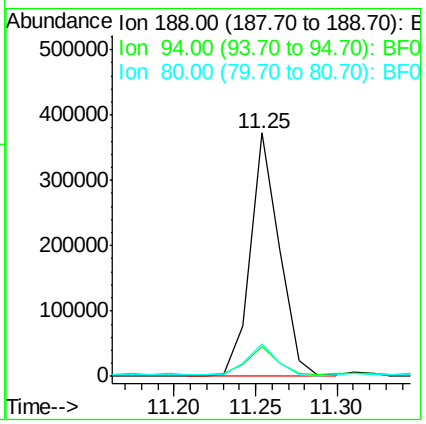




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion:188 Resp: 458043

Ion	Ratio	Lower	Upper
188	100		
94	12.1	11.1	16.7
80	13.4	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
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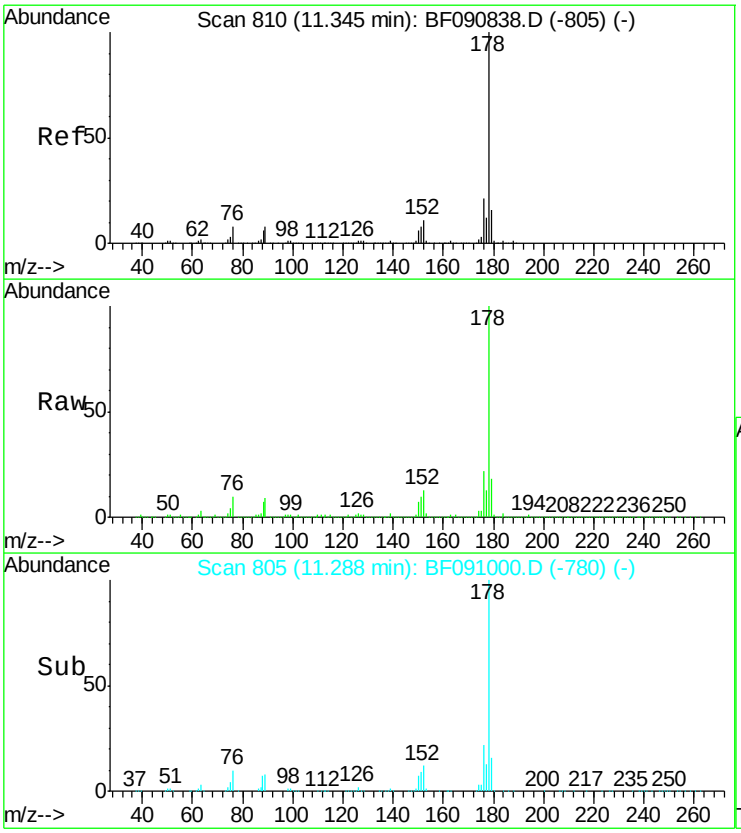
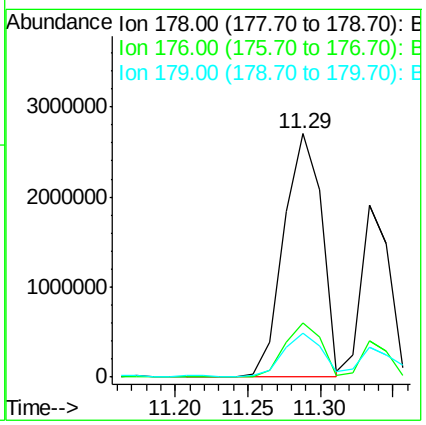
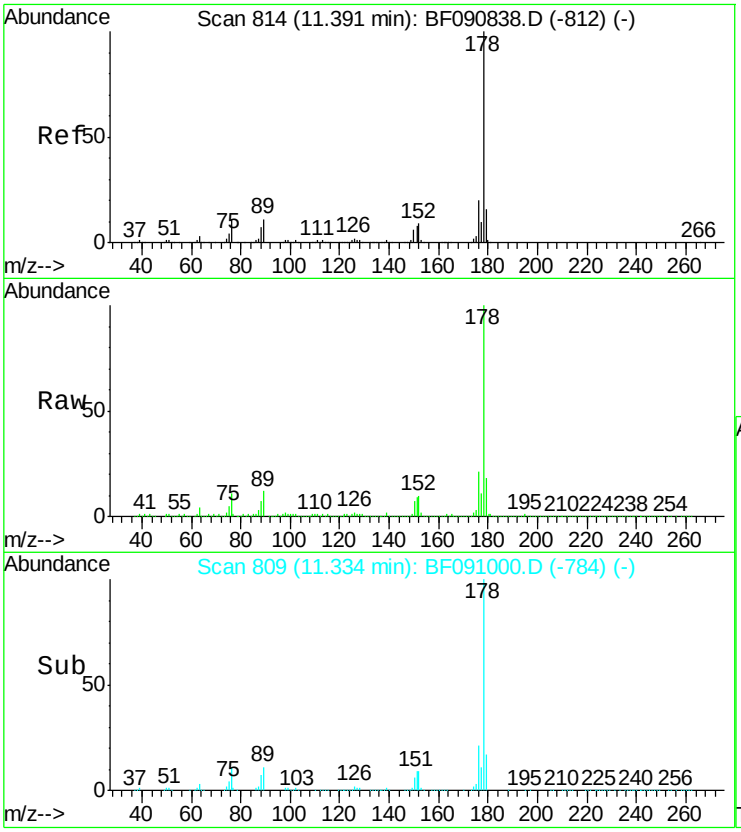


#70
Phenanthrene
Concen: 207.76 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion:178 Resp: 4846243

Ion	Ratio	Lower	Upper
178	100		
176	22.4	13.8	20.8#
179	17.9	12.2	18.2

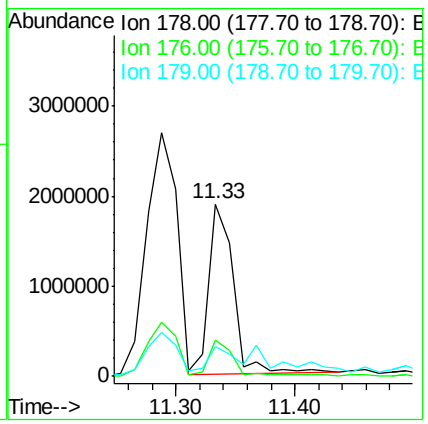




#71
Anthracene
Concen: 108.66 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion:178 Resp: 2668796

Ion	Ratio	Lower	Upper
178	100		
176	20.9	14.1	21.1
179	17.5	12.2	18.2



Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)DL

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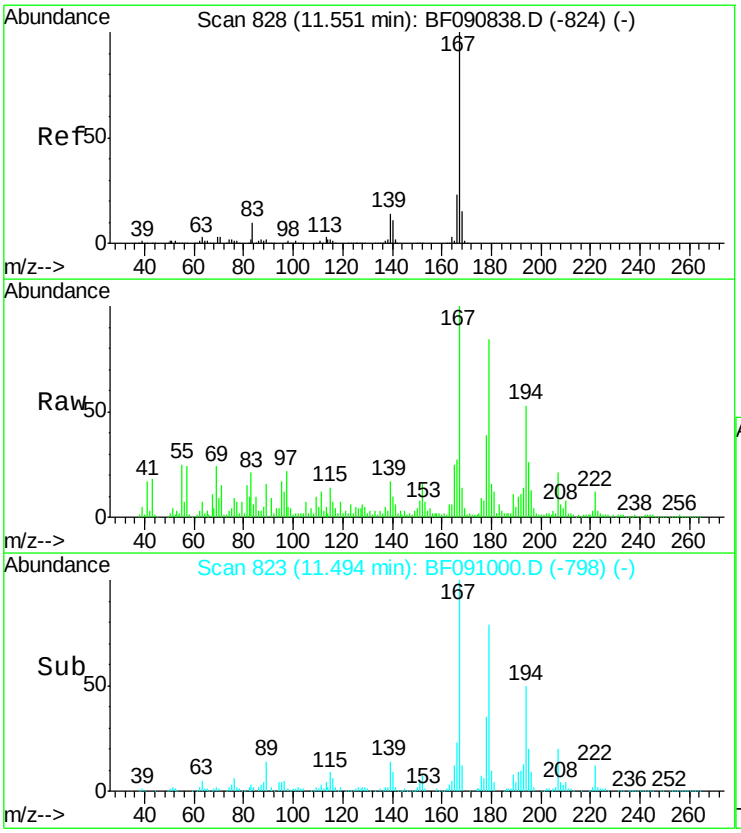
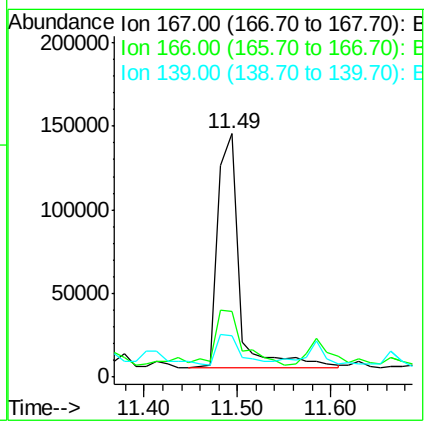
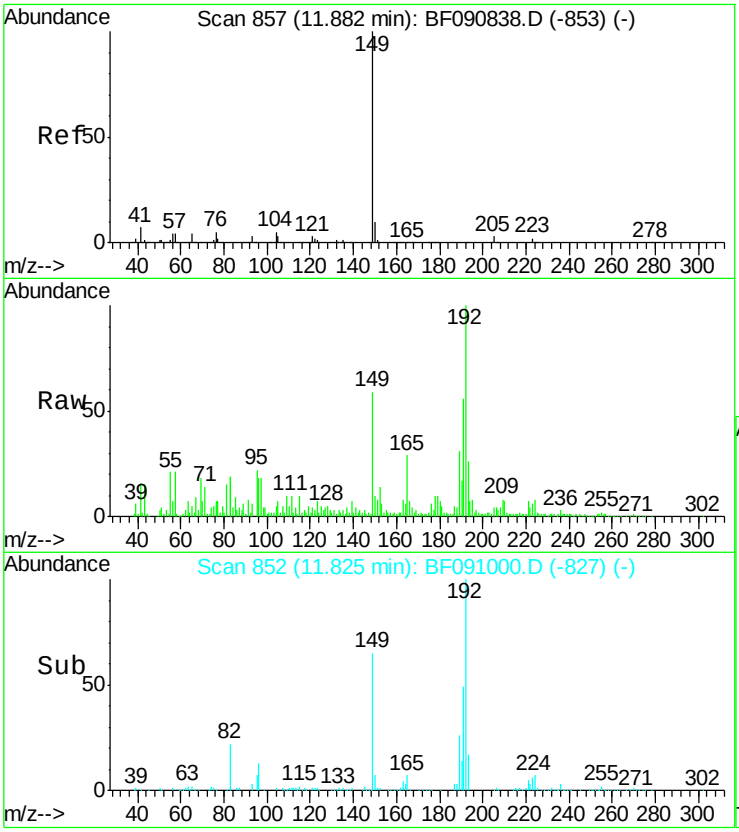


#72
Carbazole
Concen: 10.13 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion:167 Resp: 219657

Ion	Ratio	Lower	Upper
167	100		
166	26.7	15.7	23.5#
139	16.9	9.5	14.3#

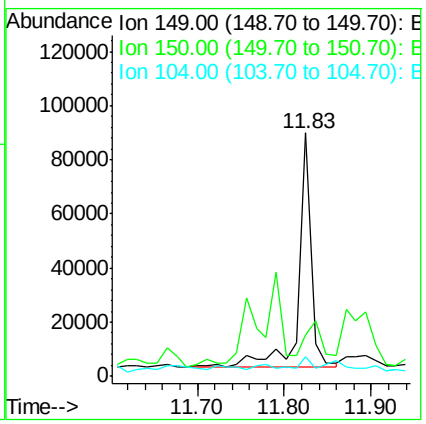




#73
Di-n-butylphthalate
Concen: 3.13 ng
RT: 11.83 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion:149 Resp: 87469

Ion	Ratio	Lower	Upper
149	100		
150	17.1	7.4	11.2#
104	7.9	2.4	3.6#



Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)DL

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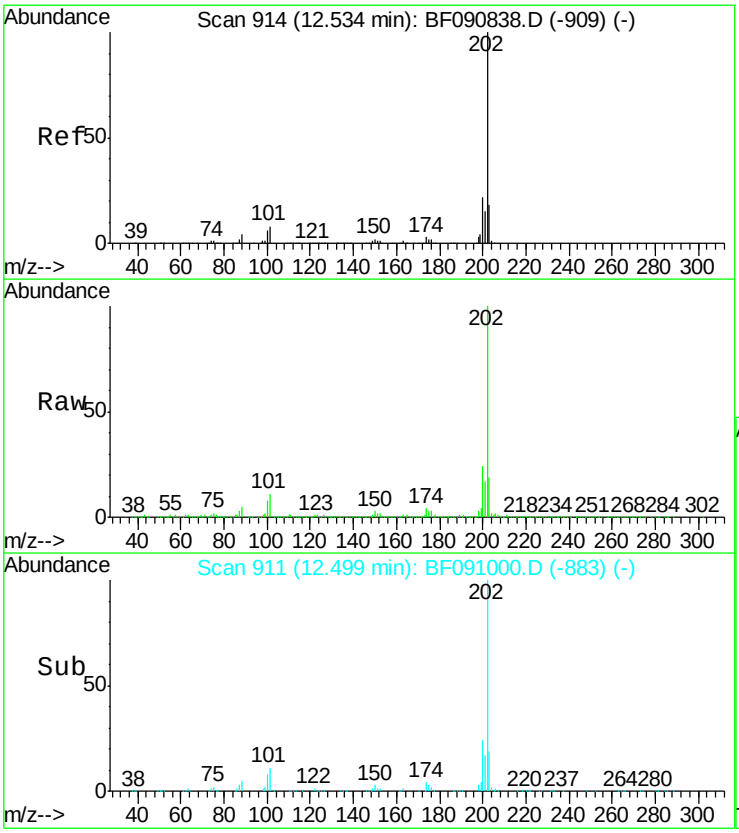
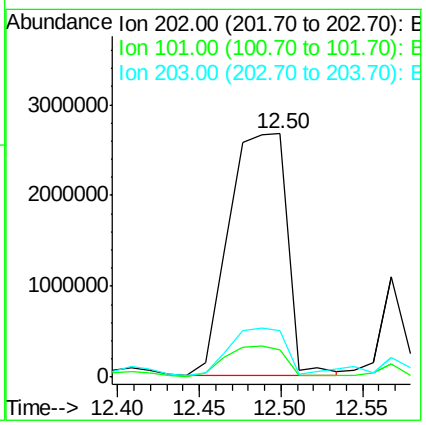
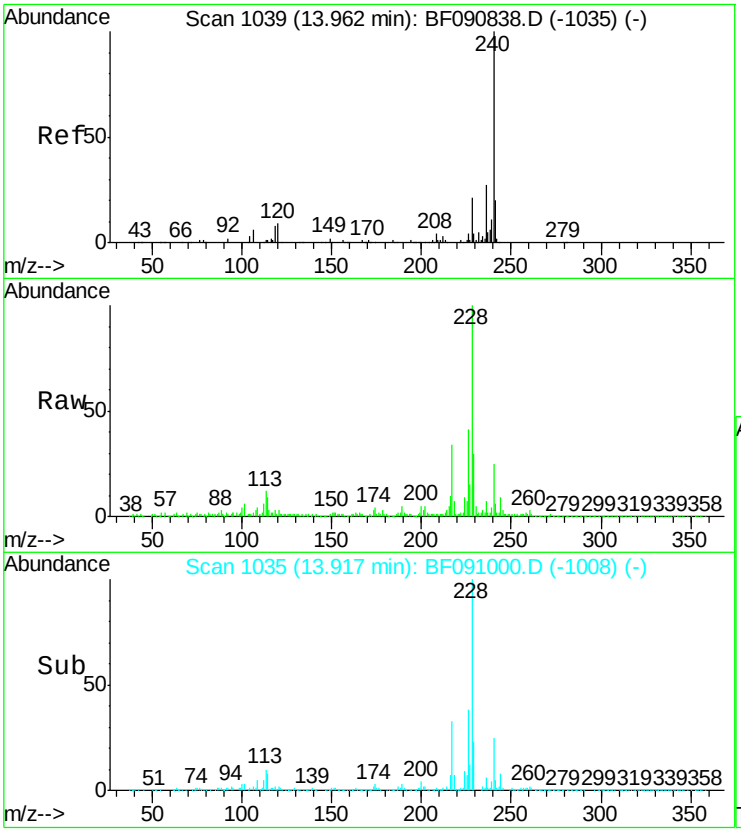


#74
Fluoranthene
Concen: 254.11 ng
RT: 12.50 min Scan# 911
Delta R.T. 0.02 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion:202 Resp: 6491079

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	38.3
203	19.3	0.0	37.3

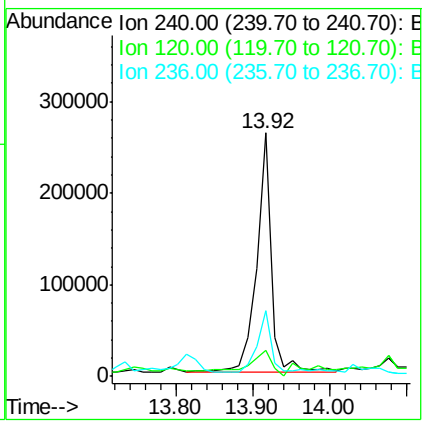




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion:240 Resp: 351079

Ion	Ratio	Lower	Upper
240	100		
120	10.8	16.2	24.2#
236	27.1	18.4	27.6



Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)DL

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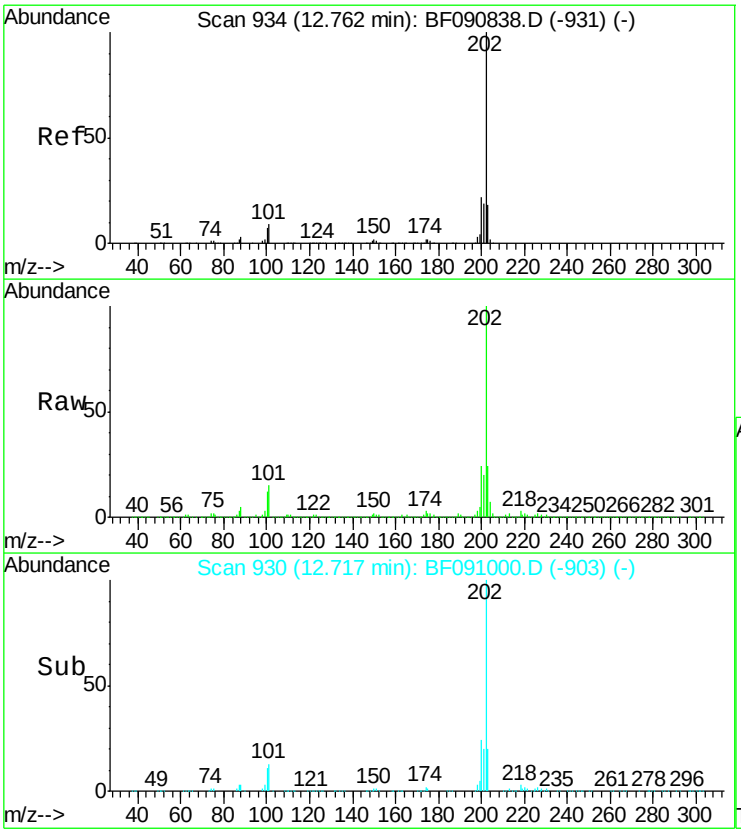
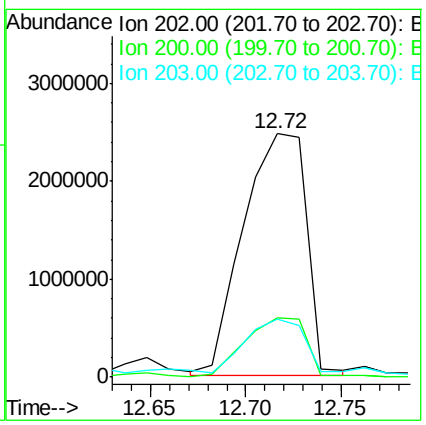
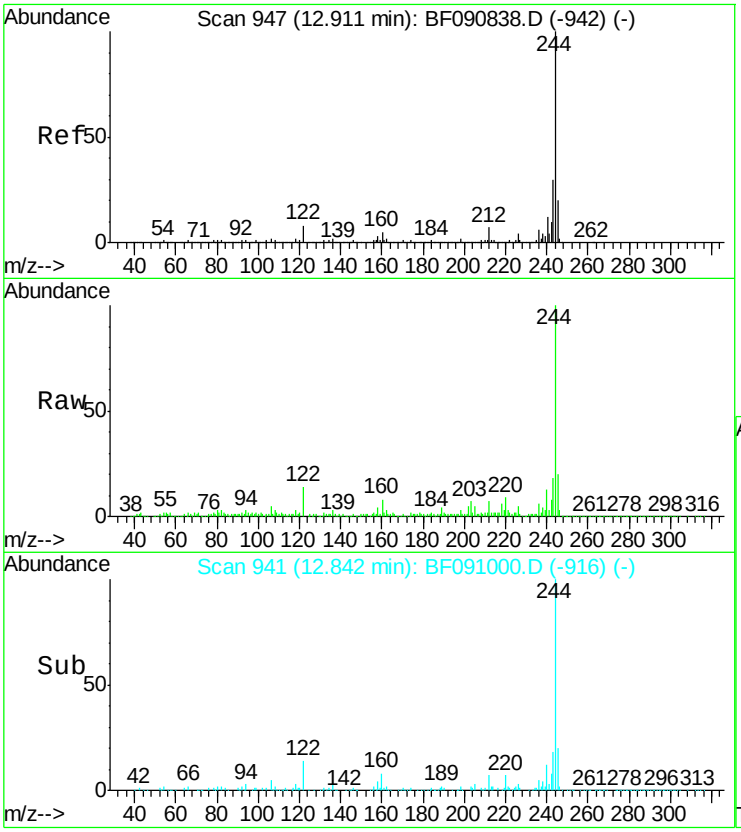


#77
Pyrene
Concen: 254.99 ng m
RT: 12.72 min Scan# 930
Delta R.T. 0.01 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion:202 Resp: 5665289

Ion	Ratio	Lower	Upper
202	100		
200	24.4	15.0	22.4#
203	23.7	14.1	21.1#

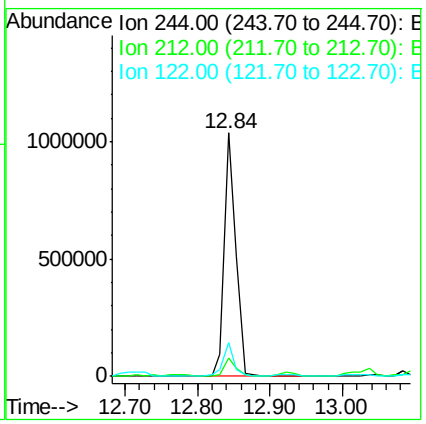




#78
Terphenyl-d14
Concen: 82.40 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion:244 Resp: 1148201

Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.3	6.5#
122	14.0	17.4	26.2#



Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)DL

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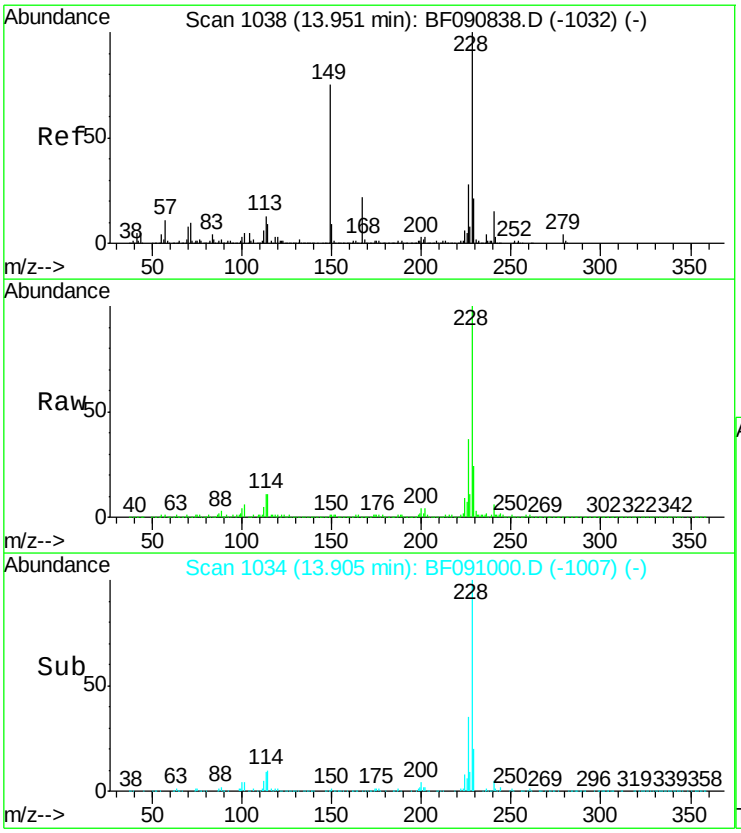
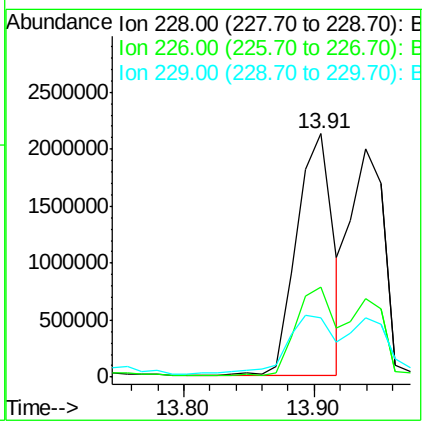
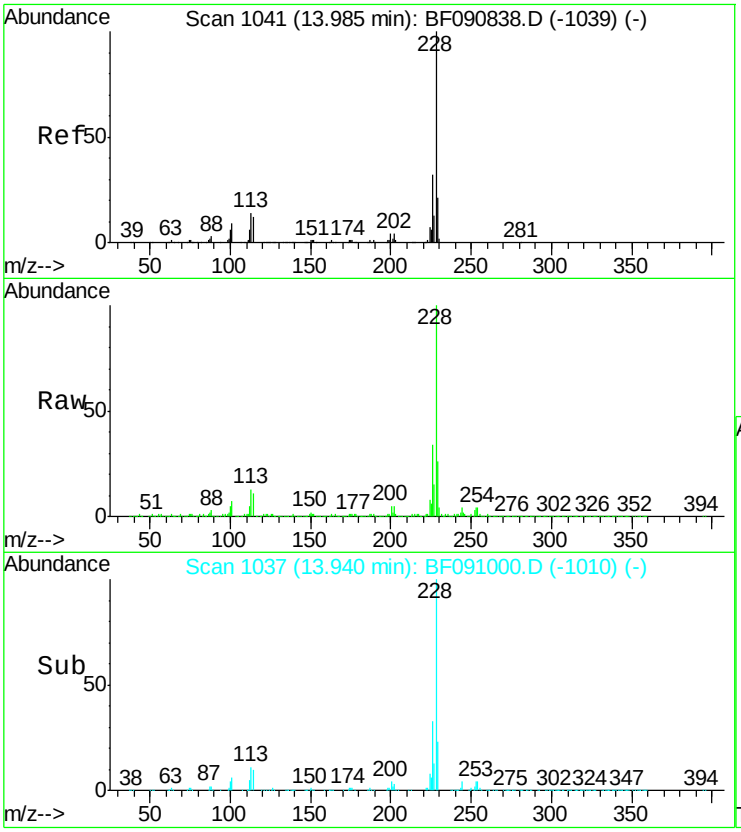


#80
Benzo(a)anthracene
Concen: 221.27 ng
RT: 13.91 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion:228 Resp: 4122706

Ion	Ratio	Lower	Upper
228	100		
226	36.8	20.0	30.0#
229	24.2	15.4	23.2#

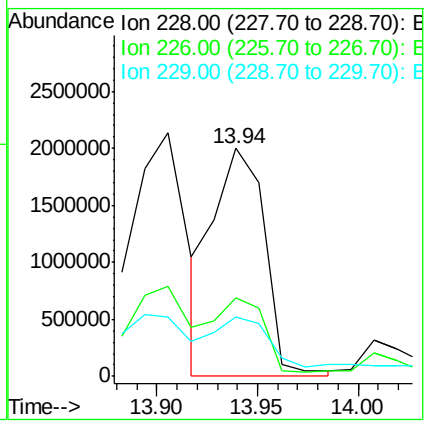




#82
Chrysene
Concen: 192.02 ng m
RT: 13.94 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion:228 Resp: 3618846

Ion	Ratio	Lower	Upper
228	100		
226	34.2	21.0	31.4#
229	26.3	15.6	23.4#



Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)DL

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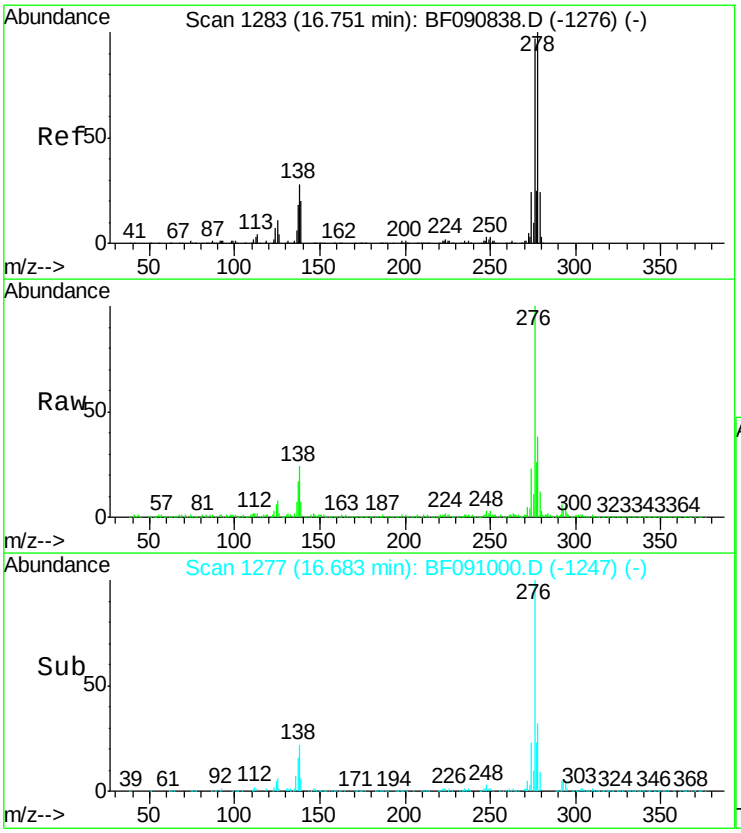
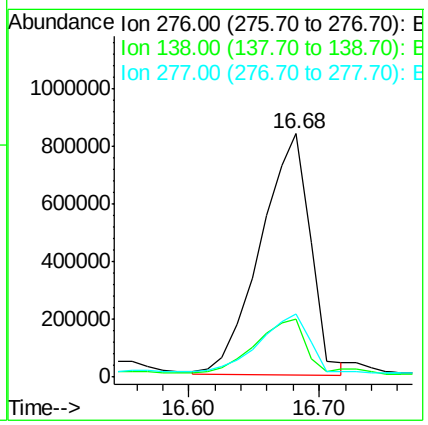
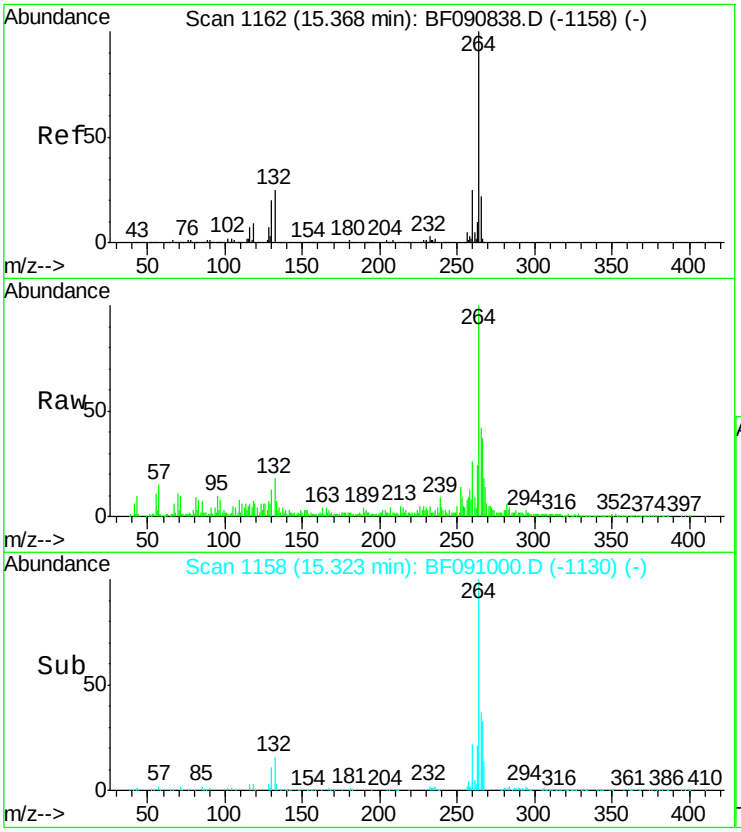


#85
Indeno(1,2,3-cd)pyrene
Concen: 133.55 ng m
RT: 16.68 min Scan# 1277
Delta R.T. 0.05 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion:276 Resp: 2230458

Ion	Ratio	Lower	Upper
276	100		
138	5.4	25.7	38.5#
277	3.8	15.6	23.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. 0.02 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion:264 Resp: 396537

Ion	Ratio	Lower	Upper
264	100		
260	25.6	16.7	25.1#
265	41.9	17.2	25.8#

Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)DL

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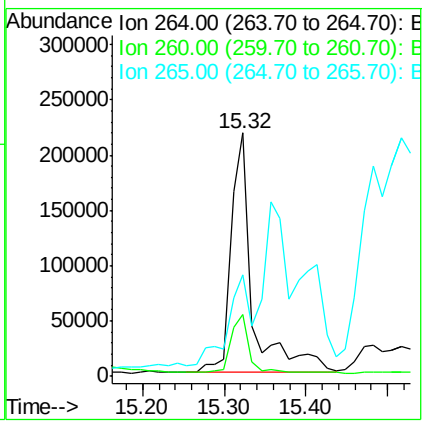
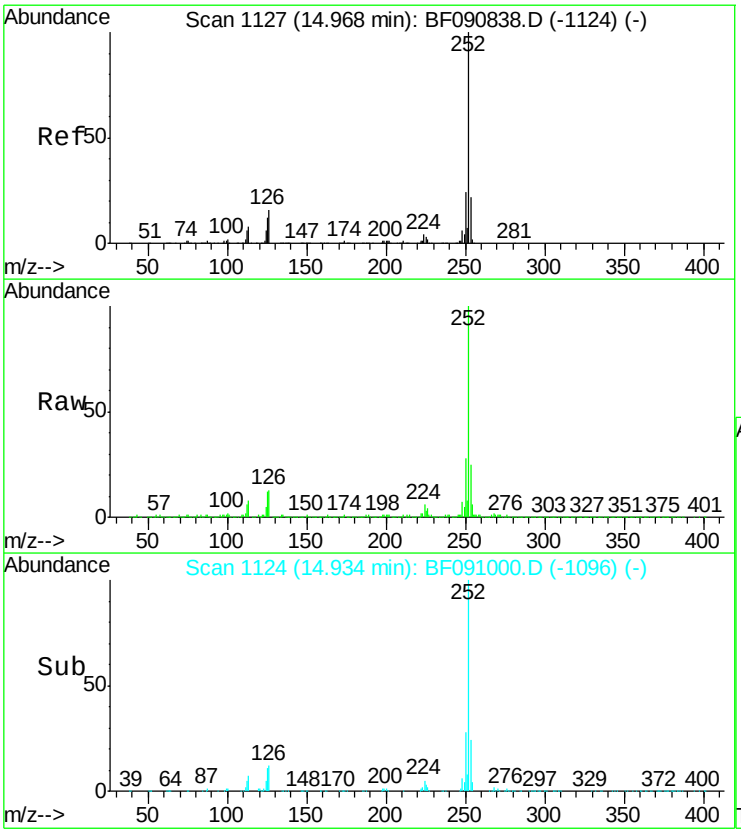
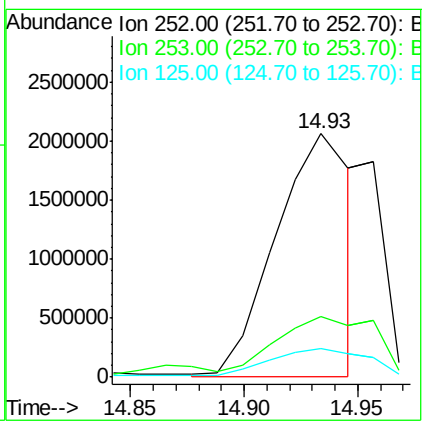


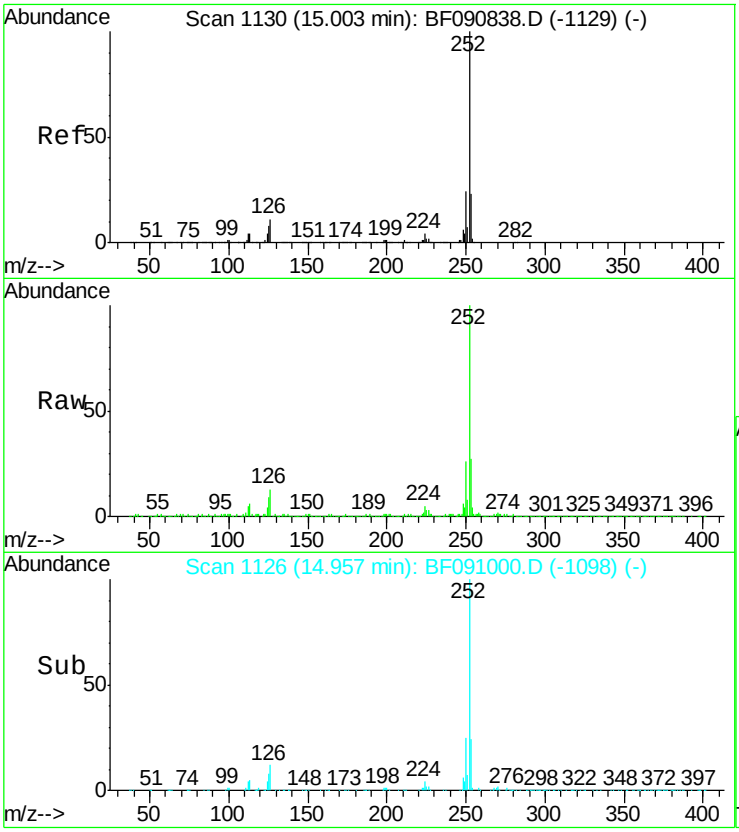


#87
Benzo(b)fluoranthene
Concen: 179.04 ng m
RT: 14.93 min Scan# 1124
Delta R.T. 0.02 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion:252 Resp: 4774056

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.5	26.3
125	11.6	17.1	25.7#

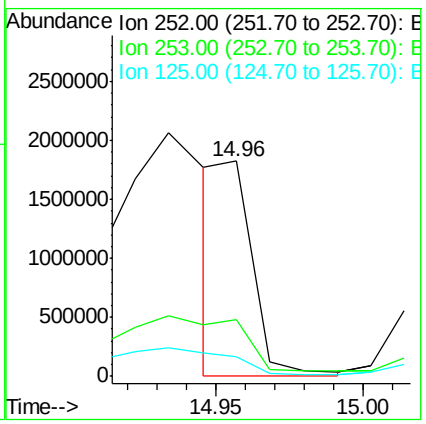




#88
Benzo(k)fluoranthene
Concen: 66.27 ng m
RT: 14.96 min Scan# 1126
Delta R.T. 0.02 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion:252 Resp: 1396493

Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.0	25.4#
125	9.0	16.0	24.0#



Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)DL

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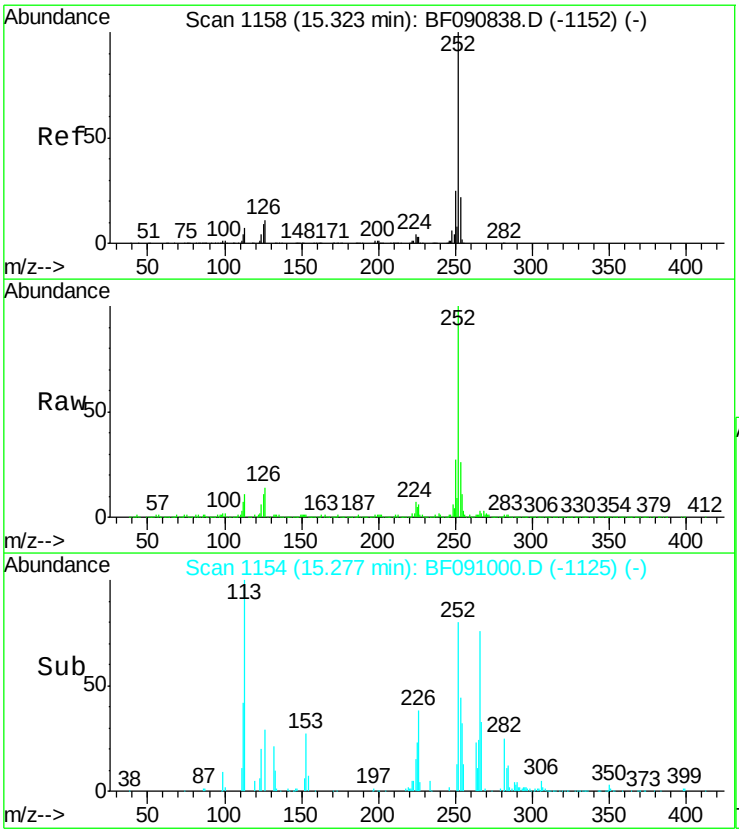
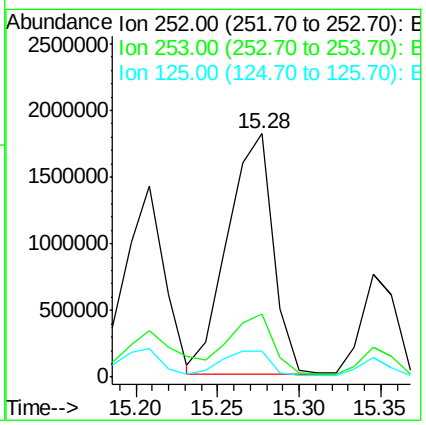
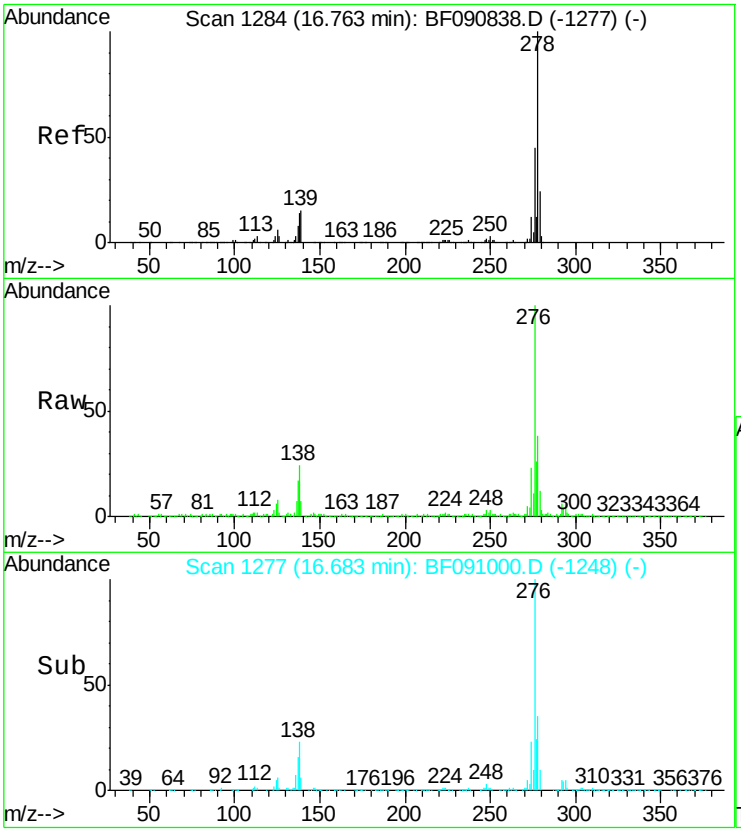


#89
Benzo(a)pyrene
Concen: 151.89 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.03 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion:252 Resp: 3479822

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.2	25.8#
125	10.8	18.0	27.0#

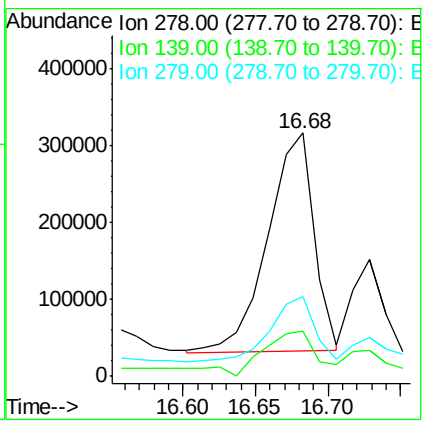




#90
Dibenzo(a,h)anthracene
Concen: 32.23 ng
RT: 16.68 min Scan# 1277
Delta R.T. 0.03 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion:278 Resp: 625109

Ion	Ratio	Lower	Upper
278	100		
139	18.8	26.3	39.5#
279	32.9	18.2	27.4#



Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)DL

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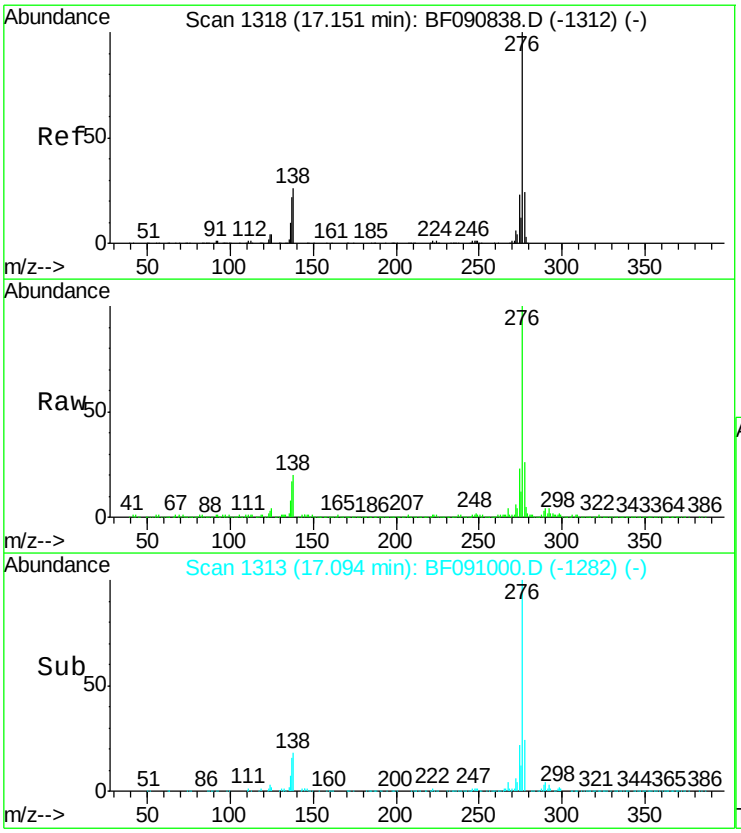

#91
Benzo(g,h,i)perylene
Concen: 110.22 ng
RT: 17.09 min Scan# 1313
Delta R.T. 0.06 min
Lab File: BF091000.D
Acq: 3 Nov 2016 00:34

Tgt Ion:276 Resp: 2013357

Ion	Ratio	Lower	Upper
276	100		
277	25.6	17.8	26.6
138	19.8	34.6	51.8#