Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090999.D
Acq On : 3 Nov 2016 00:07
Operator : UM/SJ
Sample : H5489-14RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-74-0.5-1.0RE

Manual Integrations APPROVED
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Quant Time: Nov 03 02:12:42 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	170015	20.00	ng		-0.02
21) Naphthalene-d8	8.01	136	672188	20.00	ng		-0.03
38) Acenaphthene-d10	9.77	164	321443	20.00	ng		-0.02
63) Phenanthrene-d10	11.24	188	426195	20.00	ng		-0.02
75) Chrysene-d12	13.88	240	365535	20.00	ng		-0.02
86) Perylene-d12	15.28	264	293374	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1603400	164.89	ng		-0.01
7) Phenol-d6	6.37	99	2083423	158.81	ng		-0.02
23) Nitrobenzene-d5	7.30	82	1475368	143.68	ng		-0.02
41) 2,4,6-Tribromophenol	10.56	330	411941	124.70	ng		-0.02
44) 2-Fluorobiphenyl	9.09	172	1872014	102.26	ng		-0.02
78) Terphenyl-d14	12.83	244	1370805	94.48	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	8.03	128	319887	10.18	ng		98
37) 2-Methylnaphthalene	8.73	142	59224	2.92	ng	#	91
49) Dimethylphthalate	9.49	163	575568	26.80	ng	#	97
51) Acenaphthene	9.79	154	65874	3.59	ng		87
54) Dibenzofuran	9.97	168	124258	5.24	ng	#	91
57) Fluorene	10.30	166	70876	3.65	ng	#	90
70) Phenanthrene	11.28	178	1439592	66.33	ng		95
71) Anthracene	11.32	178	212782	9.31	ng		98
72) Carbazole	11.48	167	140016	6.94	ng		95
74) Fluoranthene	12.46	202	1387613	58.38	ng		87
77) Pyrene	12.68	202	1081386m	46.75	ng		
80) Benzo(a)anthracene	13.87	228	590621	30.45	ng		93
82) Chrysene	13.91	228	449724	22.92	ng		93
85) Indeno(1,2,3-cd)pyrene	16.61	276	248522m	14.29	ng		
87) Benzo(b)fluoranthene	14.89	252	565799m	28.68	ng		
88) Benzo(k)fluoranthene	14.90	252	264366m	16.96	ng		
89) Benzo(a)pyrene	15.22	252	390989m	23.07	ng		
90) Dibenzo(a,h)anthracene	16.61	278	73982	5.16	ng	#	83
91) Benzo(g,h,i)perylene	17.00	276	218978	16.20	ng	#	84

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

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BNA_F
ClientSampleId :
SB-74-0.5-1.0RE

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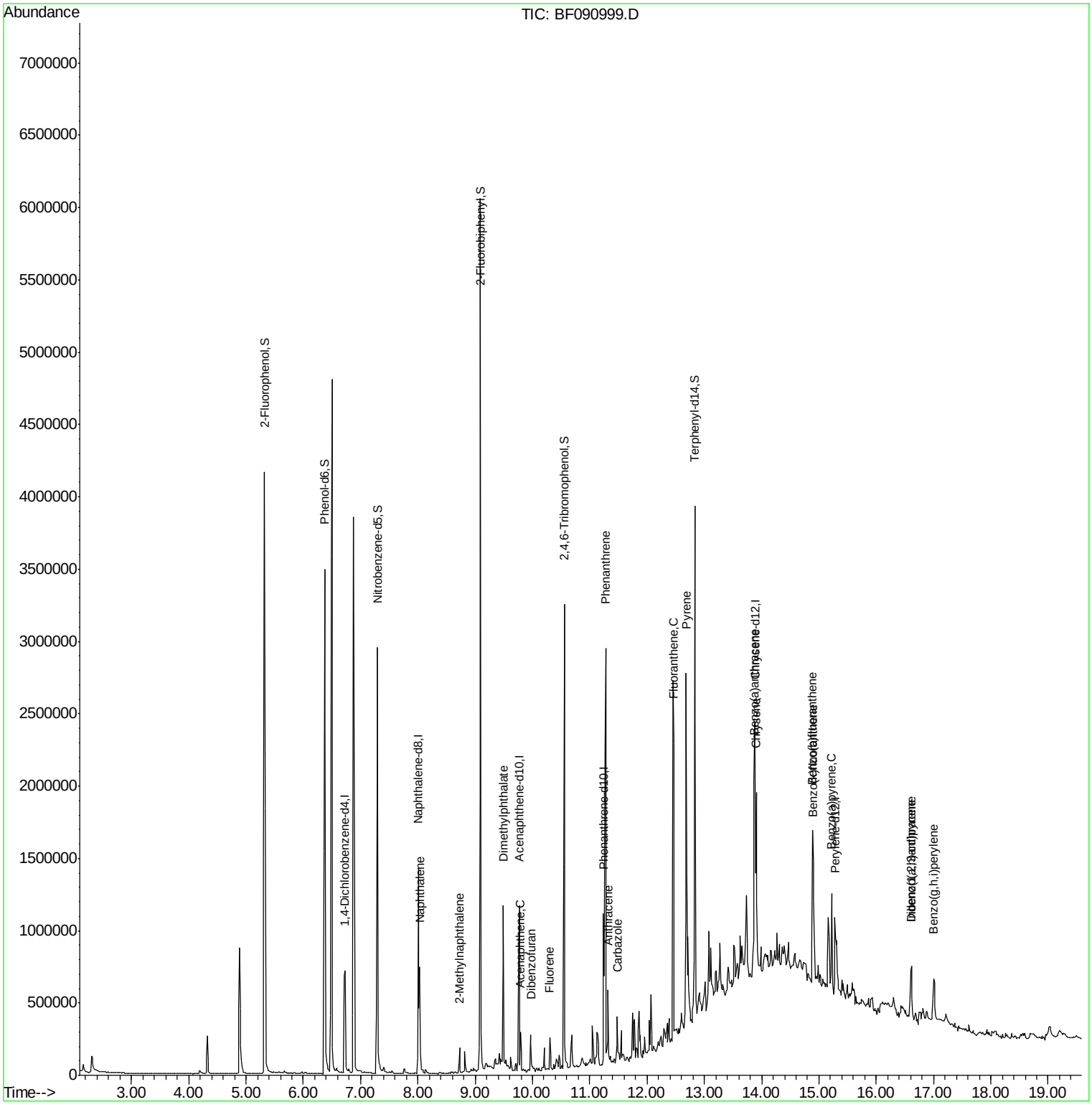
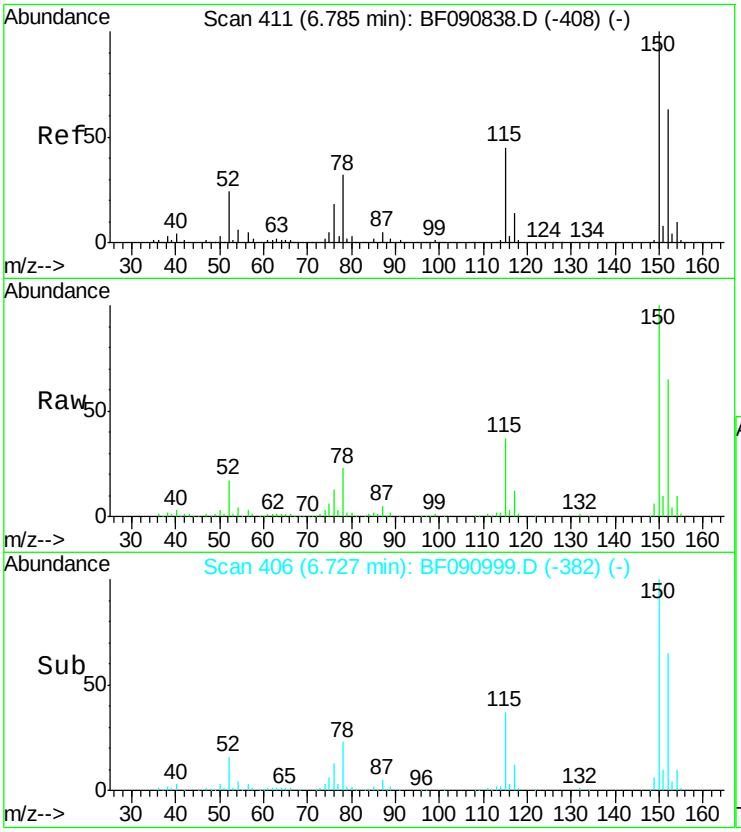
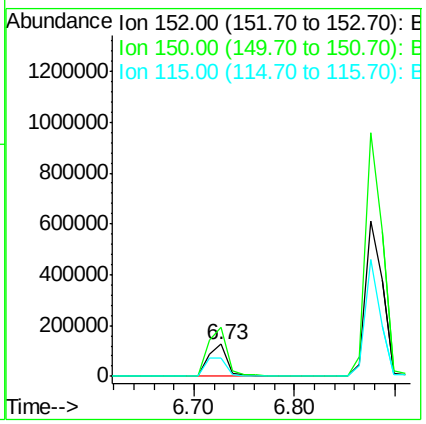




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.02 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion:152 Resp: 170015

Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.7	187.1
115	57.1	39.0	58.4



Instrument :
BNA_F
ClientSampleId :
SB-74-0.5-1.0RE

Manual Integrations APPROVED
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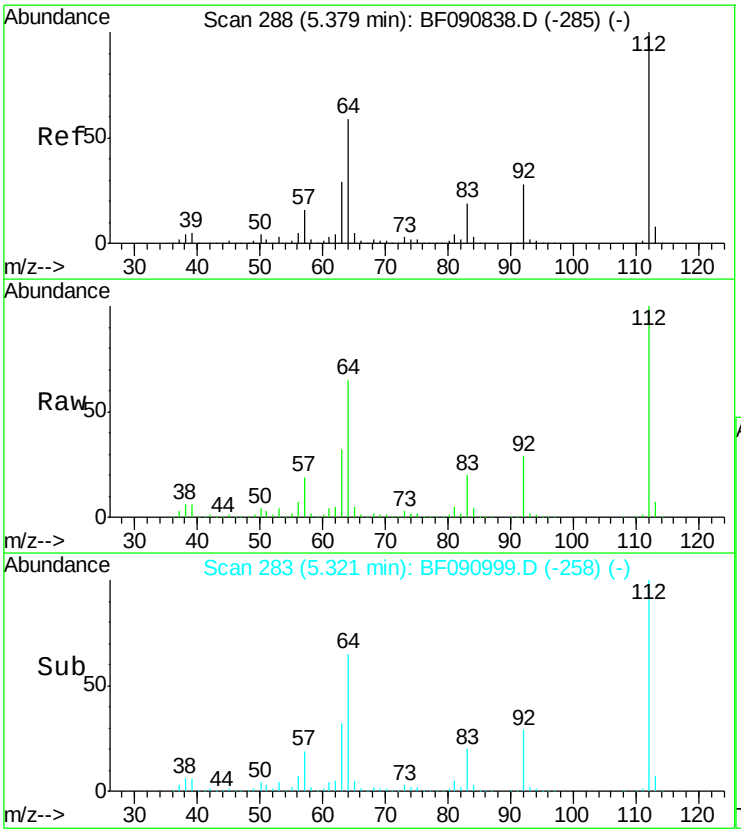
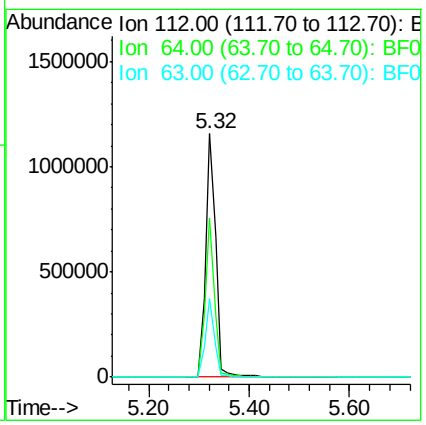
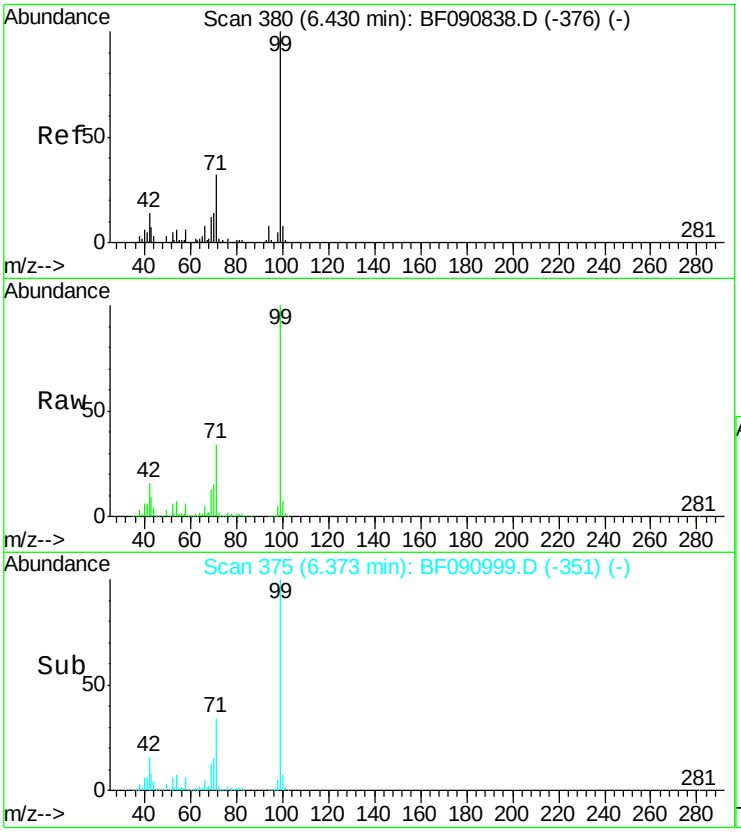


#5
2-Fluorophenol
Concen: 164.89 ng
RT: 5.32 min Scan# 283
Delta R.T. -0.01 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion:112 Resp: 1603400

Ion	Ratio	Lower	Upper
112	100		
64	65.1	39.7	59.5#
63	32.5	17.4	26.0#

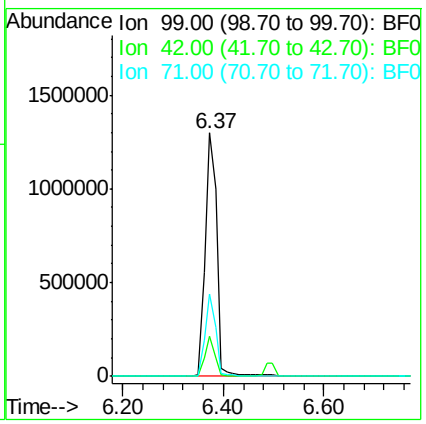




#7
Phenol-d6
Concen: 158.81 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.02 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion: 99 Resp: 2083423

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.7	20.5
71	33.7	14.2	21.2#



Instrument :
BNA_F
ClientSampleId :
SB-74-0.5-1.0RE

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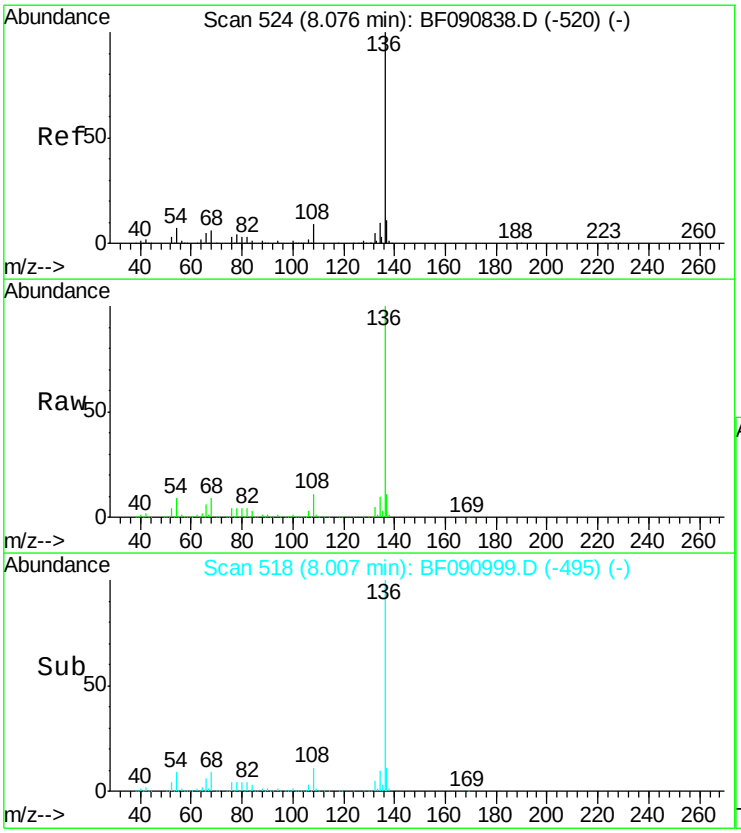
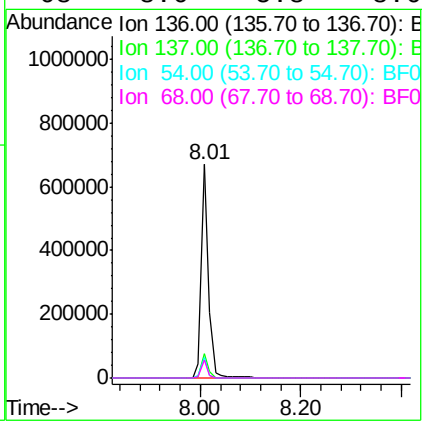
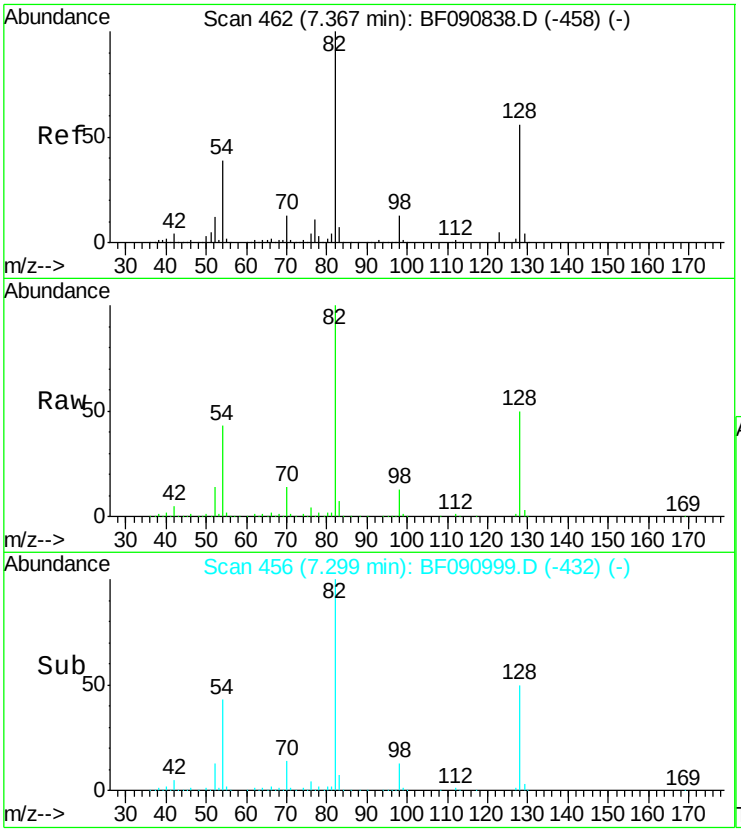


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.03 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion:136 Resp: 672188

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	9.4	8.2	12.2
68	8.6	5.8	8.6

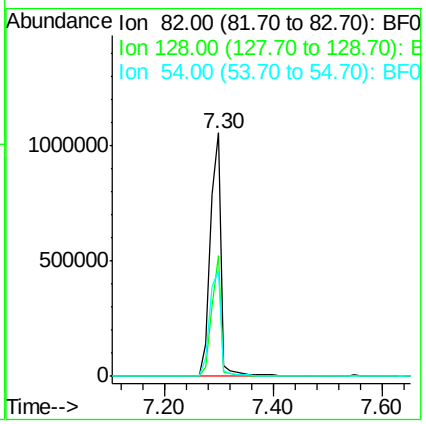




#23
Nitrobenzene-d5
Concen: 143.68 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion: 82 Resp: 1475368

Ion	Ratio	Lower	Upper
82	100		
128	49.6	51.0	76.6#
54	43.4	47.5	71.3#



Instrument :
BNA_F
ClientSampleId :
SB-74-0.5-1.0RE

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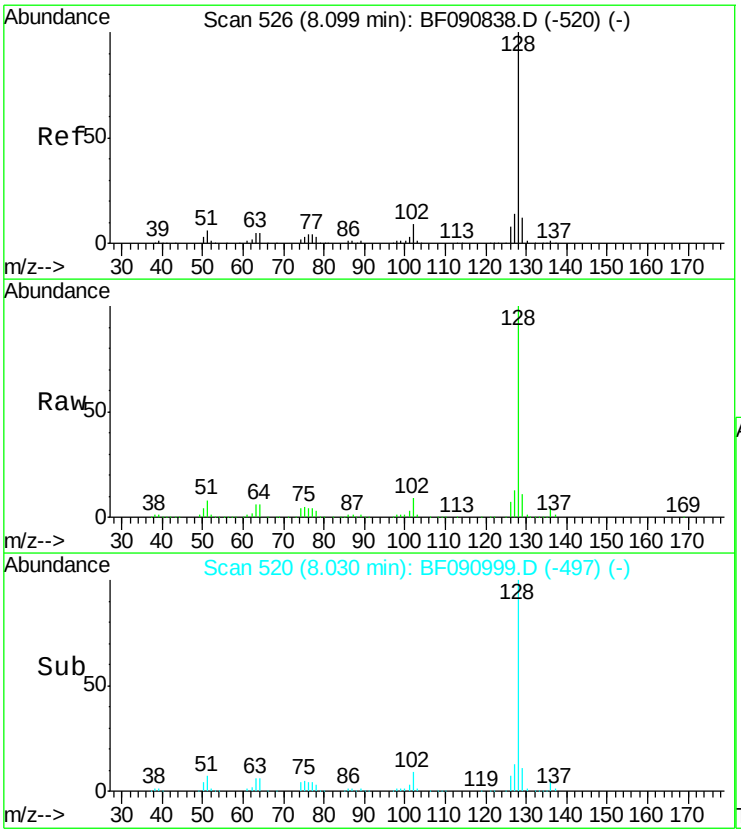
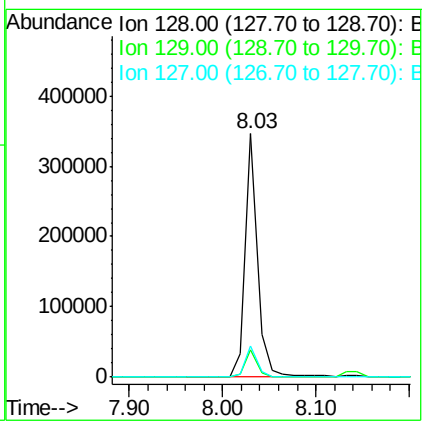
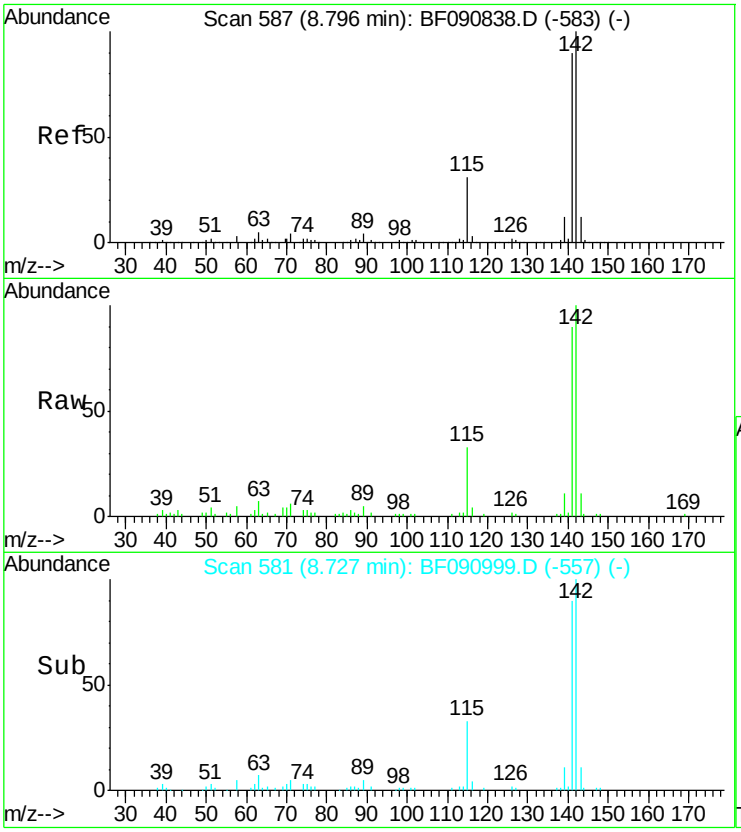


#31
Naphthalene
Concen: 10.18 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion:128 Resp: 319887

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.4	12.6
127	13.0	9.9	14.9

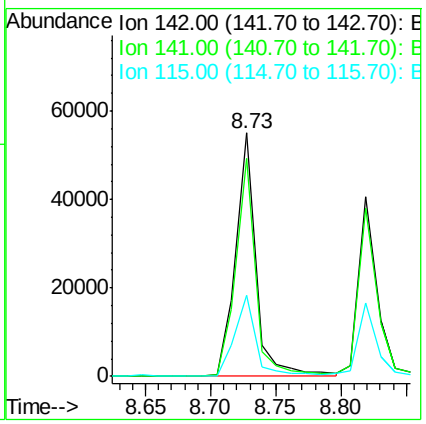




#37
2-Methylnaphthalene
Concen: 2.92 ng
RT: 8.73 min Scan# 581
Delta R.T. -0.02 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion:142 Resp: 59224

Ion	Ratio	Lower	Upper
142	100		
141	89.6	67.5	101.3
115	33.2	18.2	27.2#



Instrument :
BNA_F
ClientSampleId :
SB-74-0.5-1.0RE

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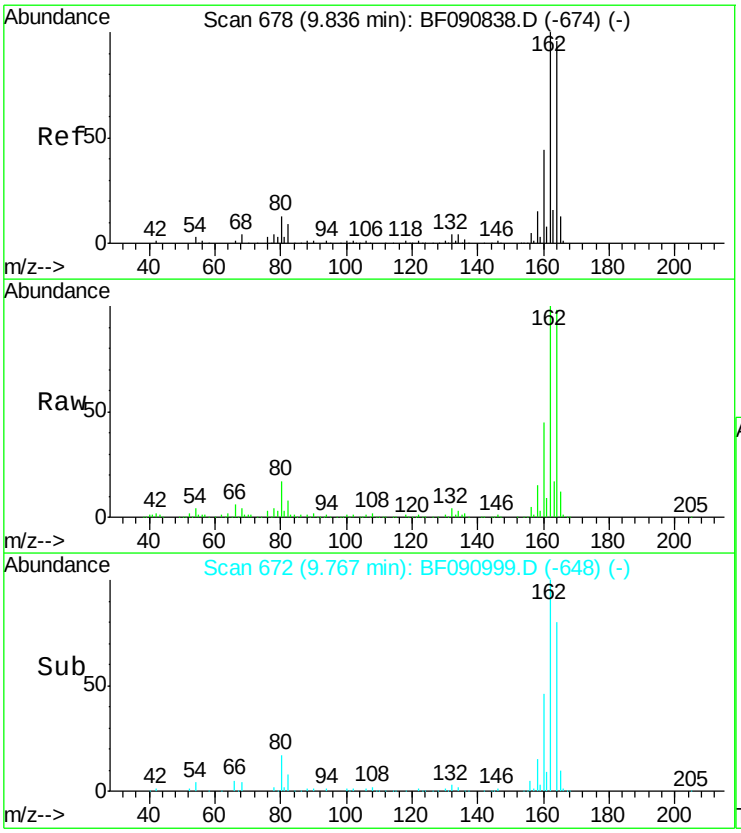
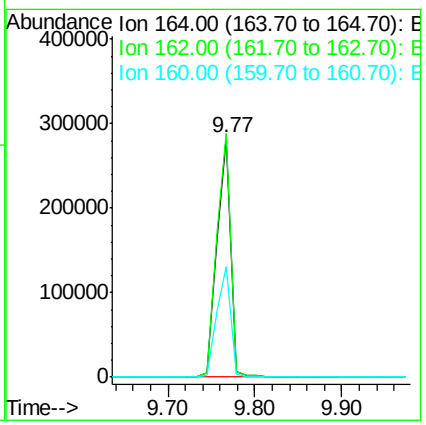
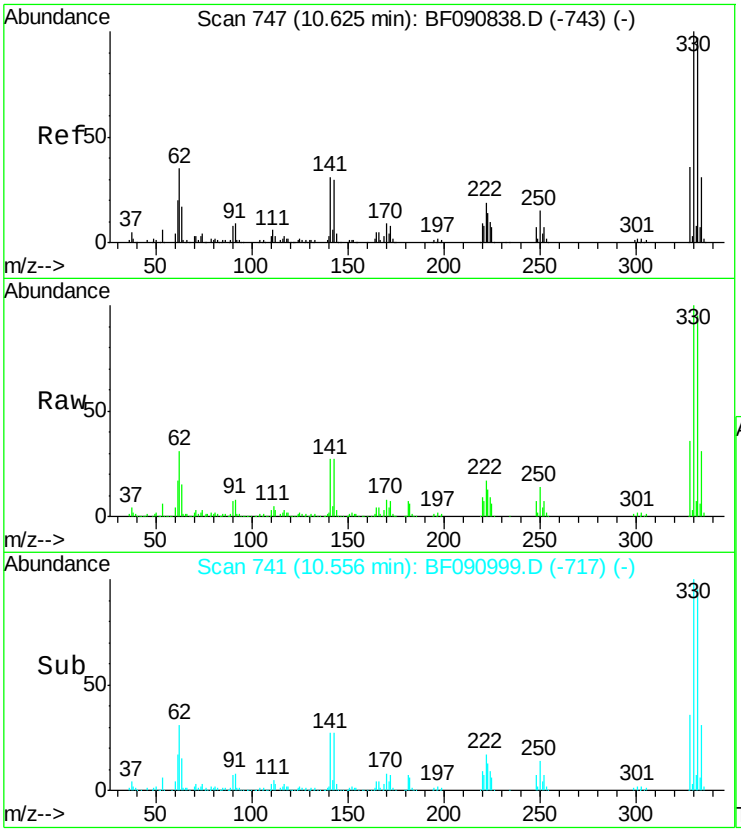


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion:164 Resp: 321443

Ion	Ratio	Lower	Upper
164	100		
162	101.9	75.2	112.8
160	46.1	31.5	47.3

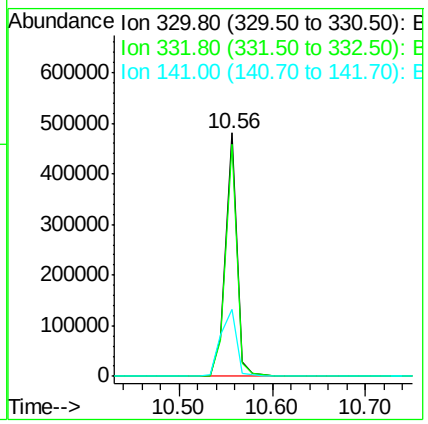




#41
2,4,6-Tribromophenol
Concen: 124.70 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.02 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion:330 Resp: 411941

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	114.8
141	38.3	29.7	44.5



Instrument :
BNA_F
ClientSampleId :
SB-74-0.5-1.0RE

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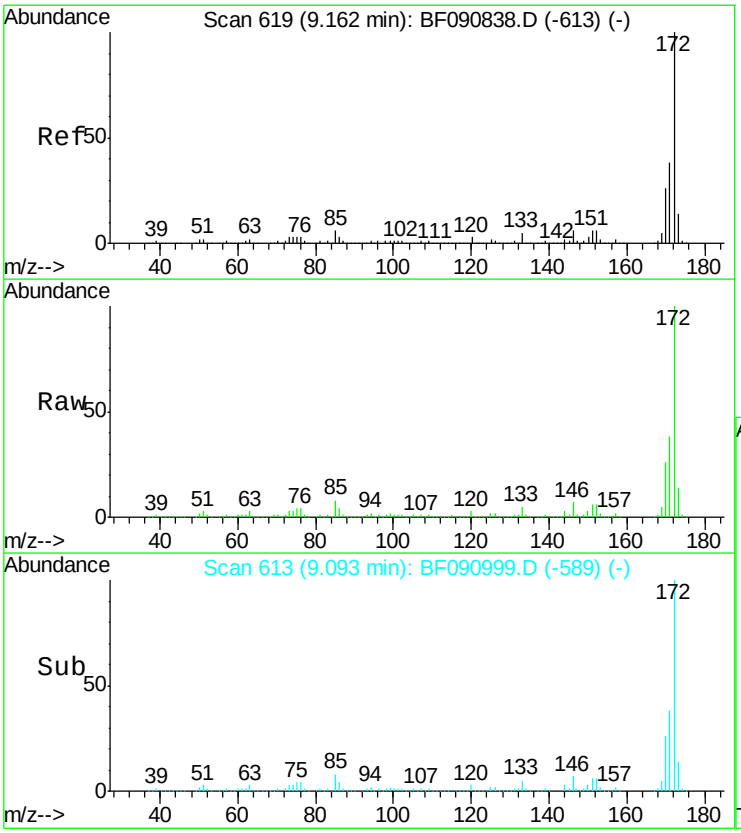
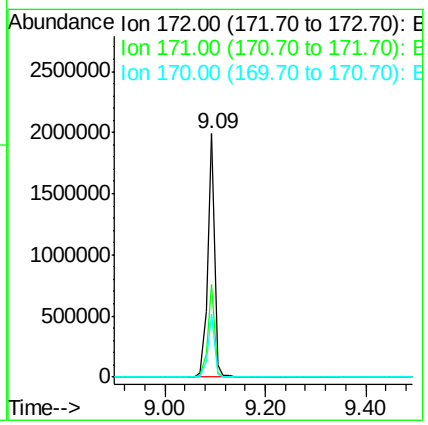
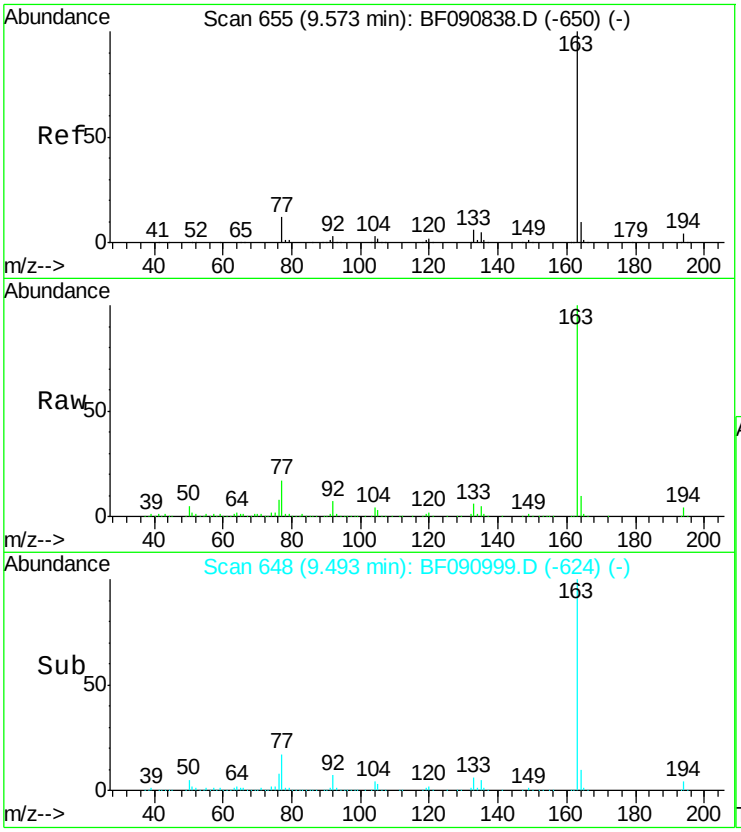


#44
2-Fluorobiphenyl
Concen: 102.26 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.02 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion:172 Resp: 1872014

Ion	Ratio	Lower	Upper
172	100		
171	37.8	26.1	39.1
170	26.1	17.4	26.2

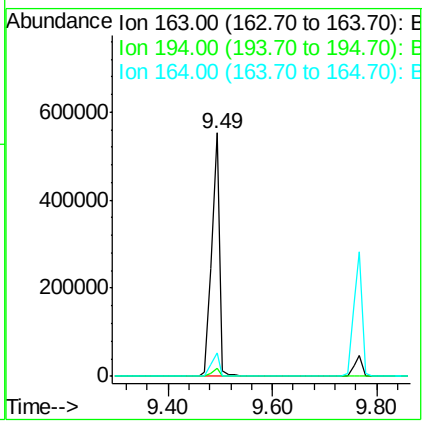




#49
Dimethylphthalate
Concen: 26.80 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.02 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion:163 Resp: 575568

Ion	Ratio	Lower	Upper
163	100		
194	3.5	4.4	6.6#
164	9.9	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
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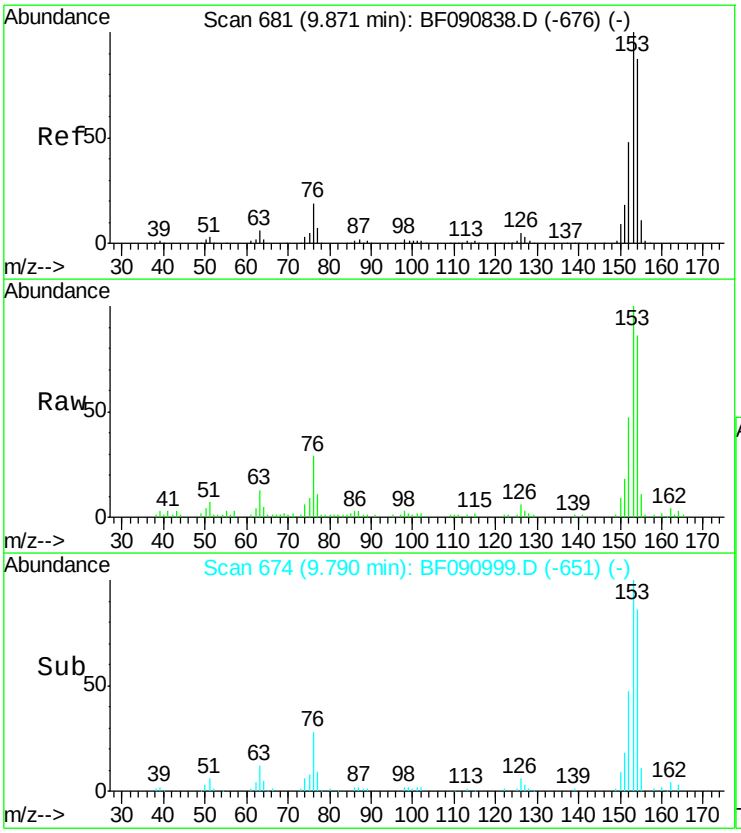
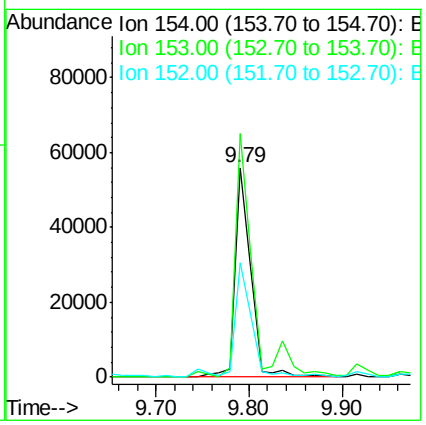
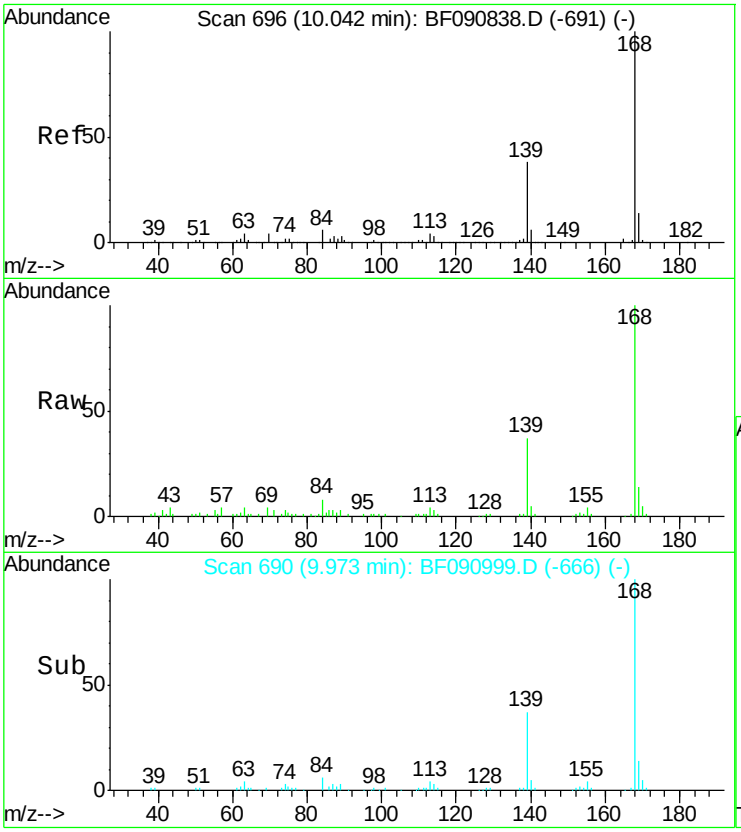


#51
Acenaphthene
Concen: 3.59 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.03 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion:154 Resp: 65874

Ion	Ratio	Lower	Upper
154	100		
153	116.3	82.1	123.1
152	54.8	37.9	56.9

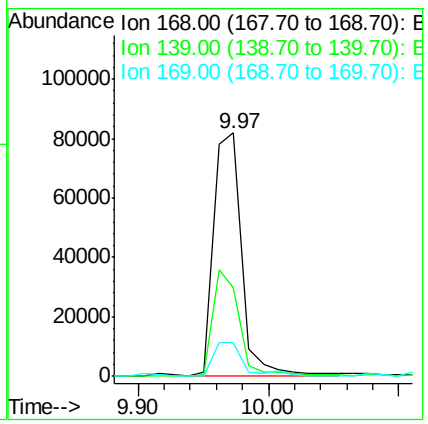




#54
Dibenzofuran
Concen: 5.24 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion:168 Resp: 124258

Ion	Ratio	Lower	Upper
168	100		
139	36.7	24.2	36.2#
169	14.0	10.6	15.8



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SB-74-0.5-1.0RE

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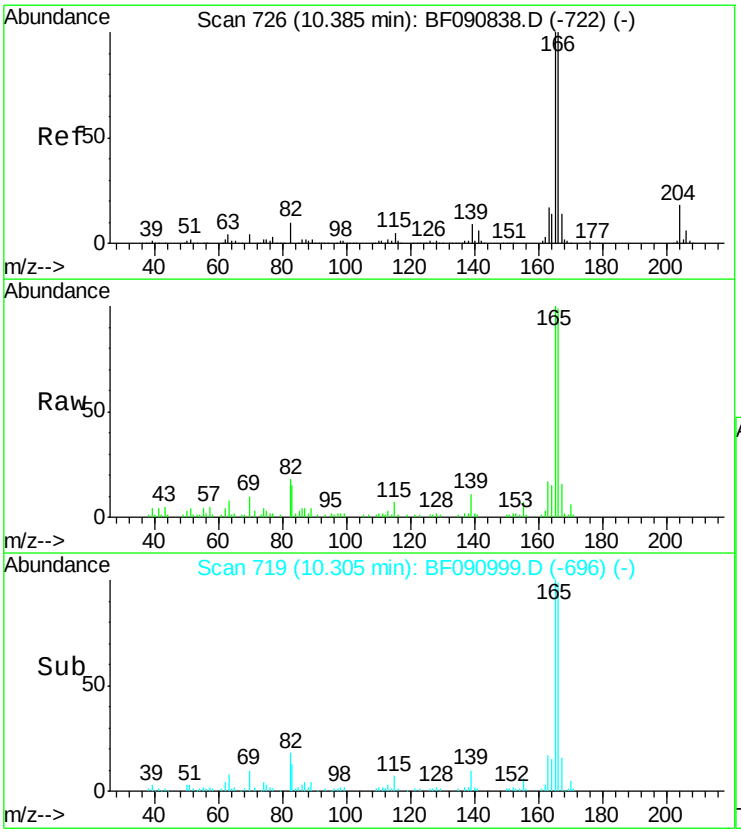
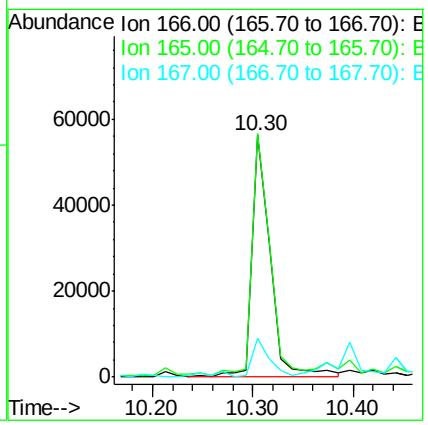
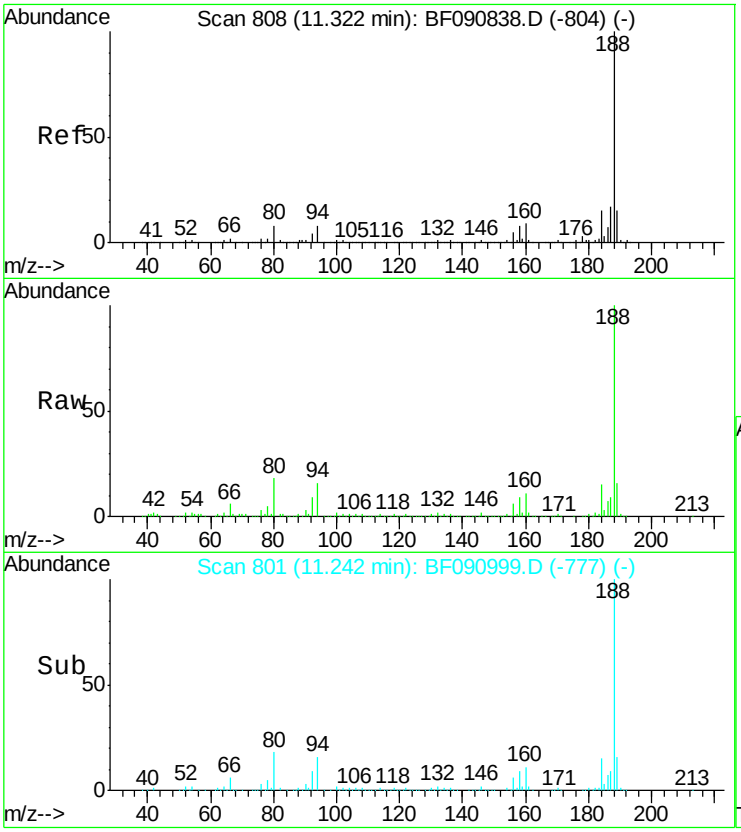


#57
Fluorene
Concen: 3.65 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.03 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion:166 Resp: 70876

Ion	Ratio	Lower	Upper
166	100		
165	100.7	72.6	109.0
167	16.1	10.6	16.0#

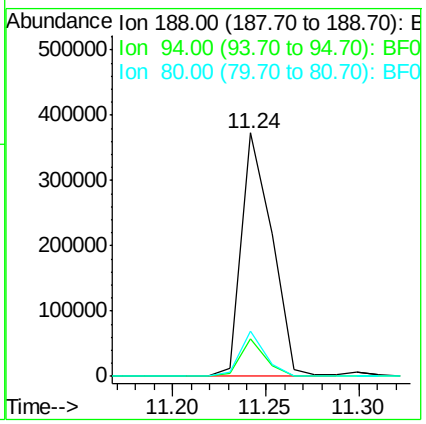




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion:188 Resp: 426195

Ion	Ratio	Lower	Upper
188	100		
94	15.6	11.1	16.7
80	18.5	11.0	16.4#



Instrument :
BNA_F
ClientSampleId :
SB-74-0.5-1.0RE

Manual Integrations APPROVED
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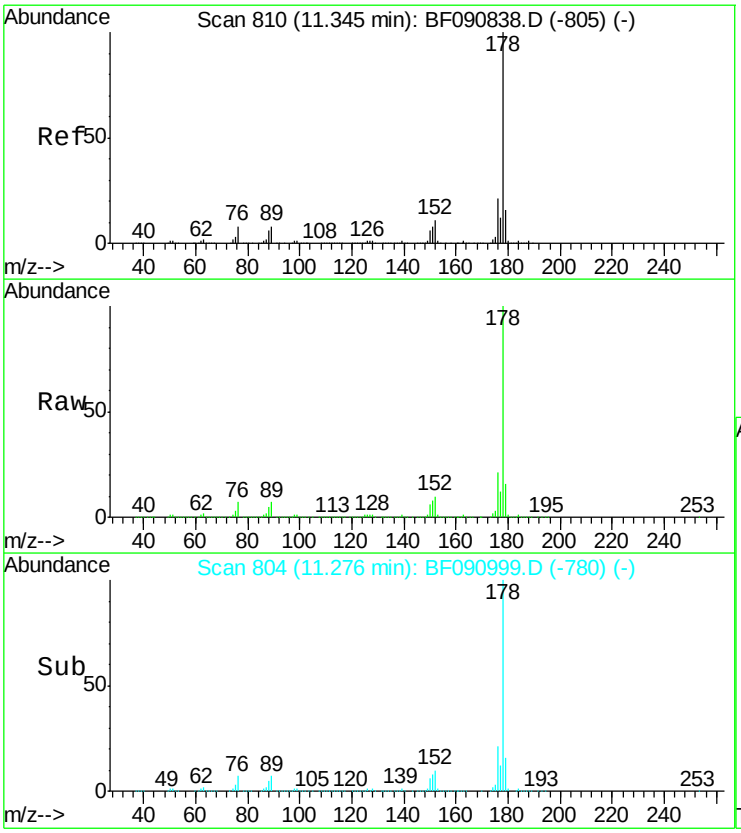
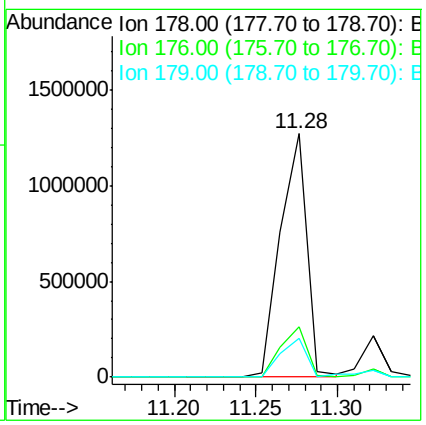
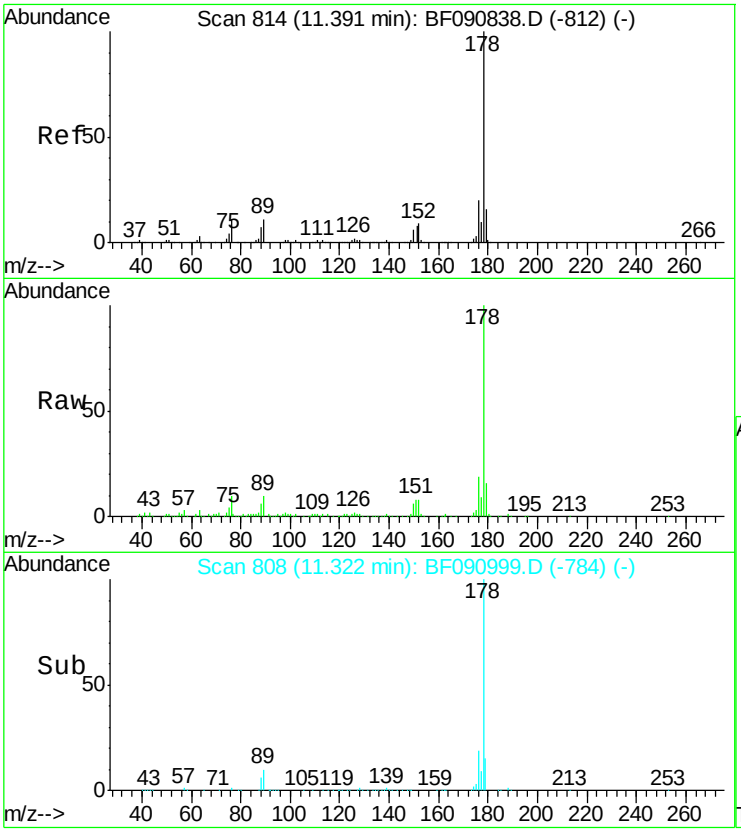


#70
Phenanthrene
Concen: 66.33 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion:178 Resp: 1439592

Ion	Ratio	Lower	Upper
178	100		
176	20.6	13.8	20.8
179	15.9	12.2	18.2

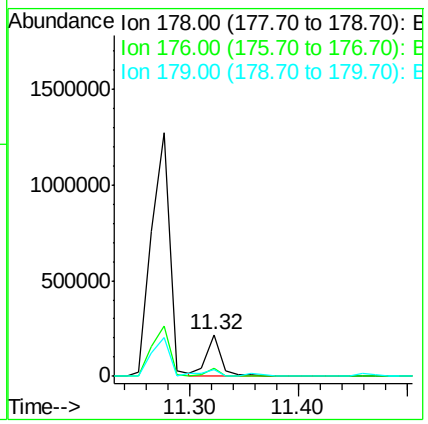




#71
Anthracene
Concen: 9.31 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion:178 Resp: 212782

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.1	21.1
179	15.7	12.2	18.2



Instrument :
BNA_F
ClientSampleId :
SB-74-0.5-1.0RE

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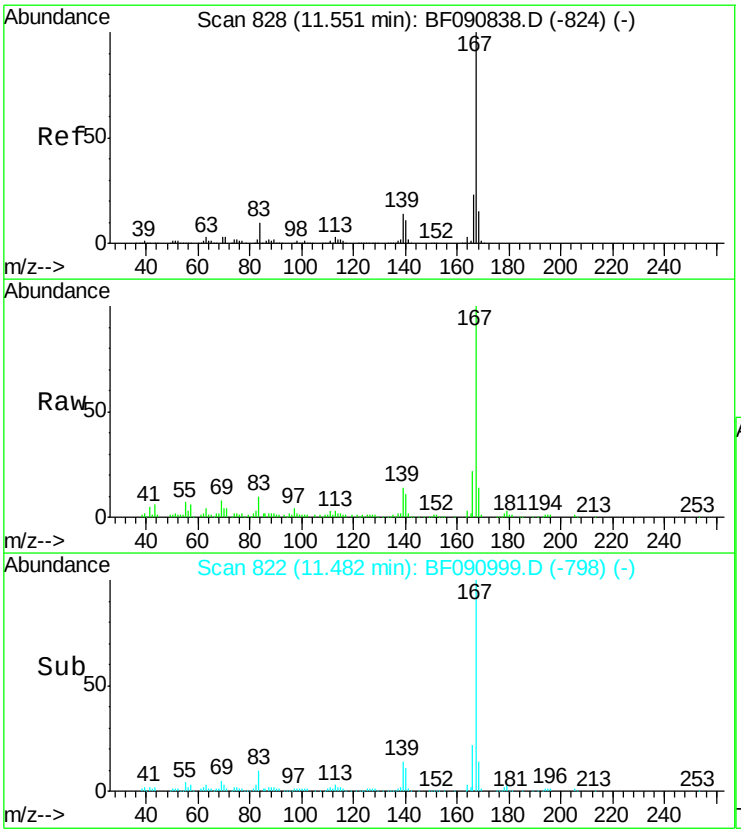
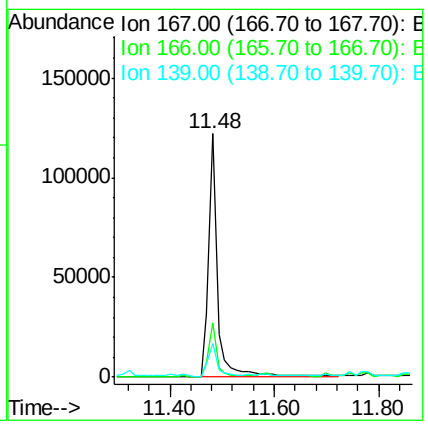
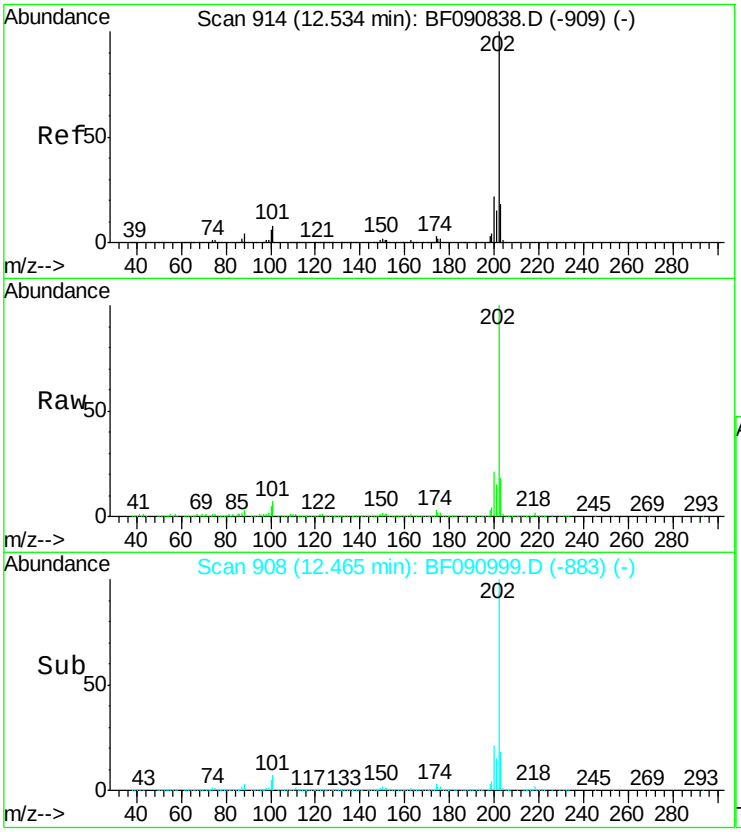


#72
Carbazole
Concen: 6.94 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.02 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion:167 Resp: 140016

Ion	Ratio	Lower	Upper
167	100		
166	22.1	15.7	23.5
139	14.0	9.5	14.3

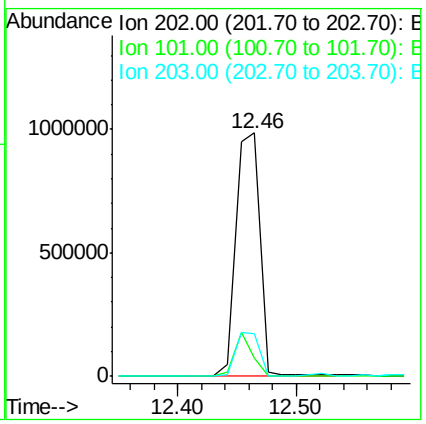




#74
Fluoranthene
Concen: 58.38 ng
RT: 12.46 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion:202 Resp: 1387613

Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	38.3
203	17.6	0.0	37.3



Instrument :
BNA_F
ClientSampleId :
SB-74-0.5-1.0RE

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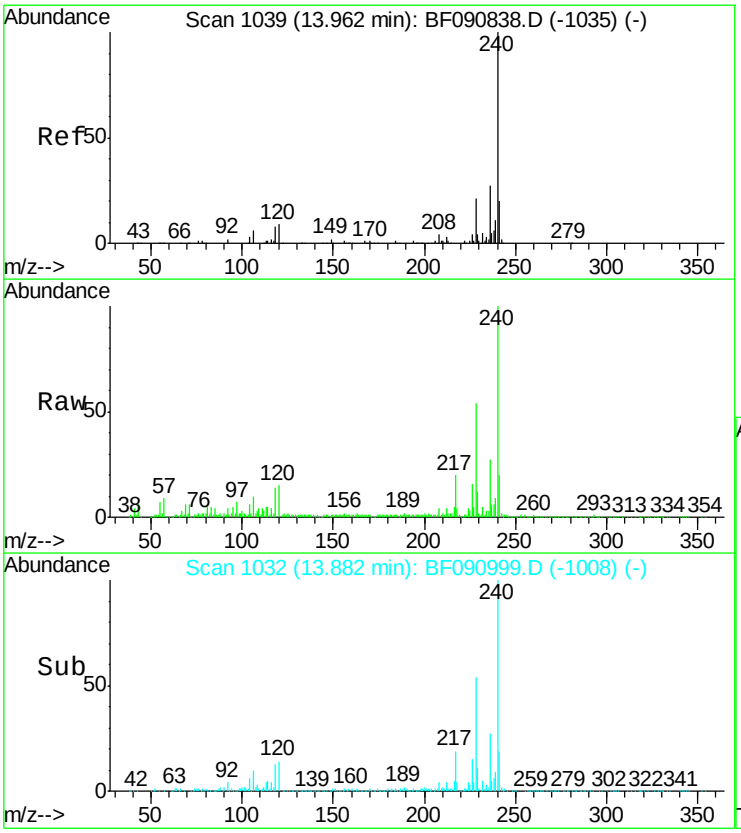
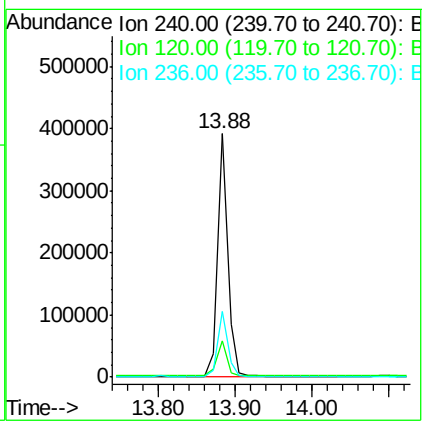
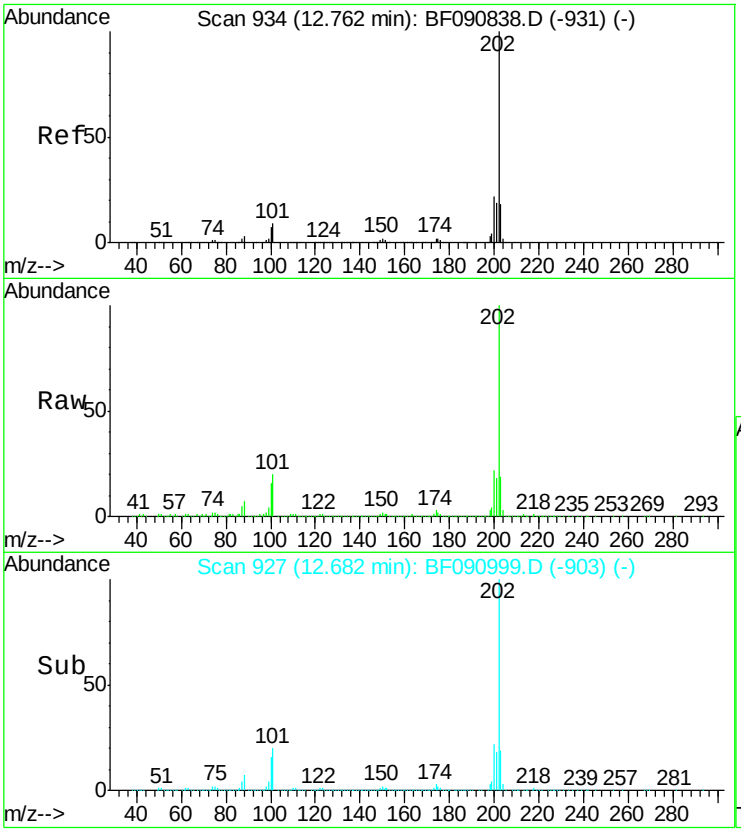


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion:240 Resp: 365535

Ion	Ratio	Lower	Upper
240	100		
120	14.9	16.2	24.2#
236	27.1	18.4	27.6

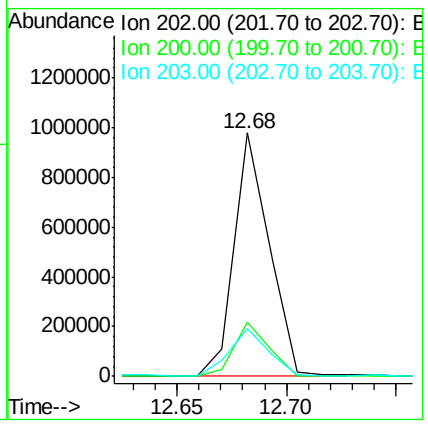




#77
Pyrene
Concen: 46.75 ng m
RT: 12.68 min Scan# 927
Delta R.T. -0.02 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion:202 Resp: 1081386

Ion	Ratio	Lower	Upper
202	100		
200	22.5	15.0	22.4#
203	19.4	14.1	21.1



Instrument :
BNA_F
ClientSampleId :
SB-74-0.5-1.0RE

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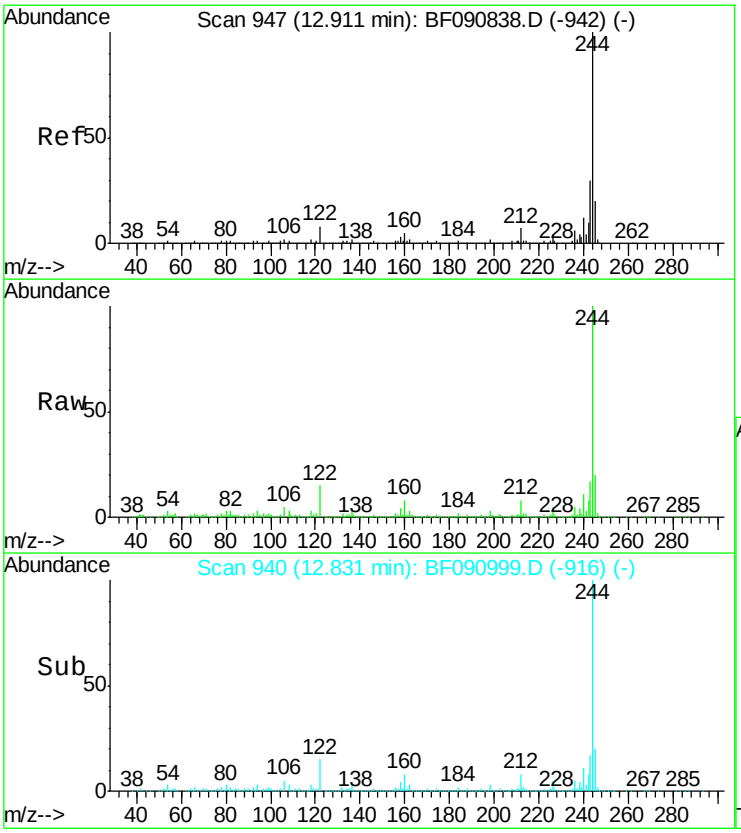
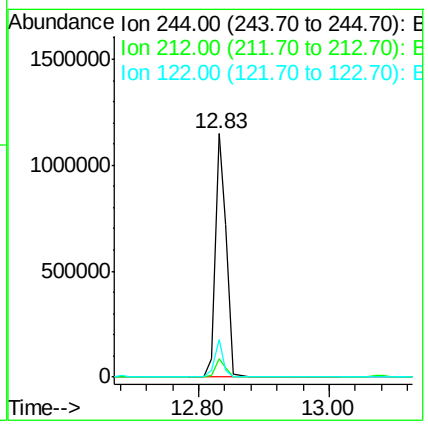
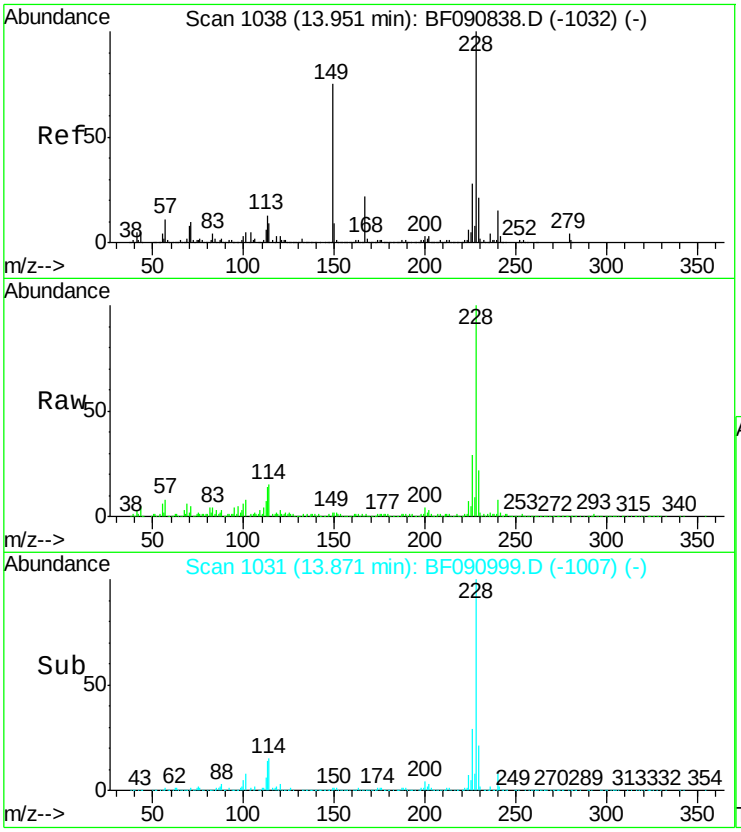


#78
Terphenyl-d14
Concen: 94.48 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.02 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion:244 Resp: 1370805

Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.3	6.5#
122	15.2	17.4	26.2#

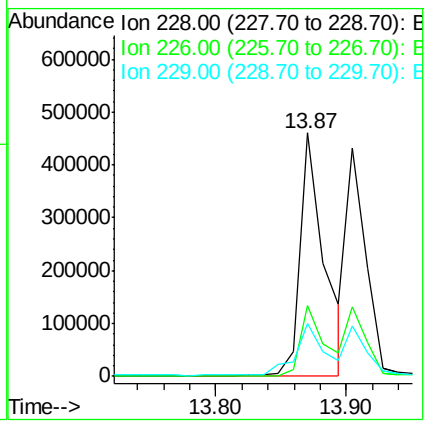




#80
Benzo(a)anthracene
Concen: 30.45 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion:228 Resp: 590621

Ion	Ratio	Lower	Upper
228	100		
226	29.2	20.0	30.0
229	21.5	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
SB-74-0.5-1.0RE

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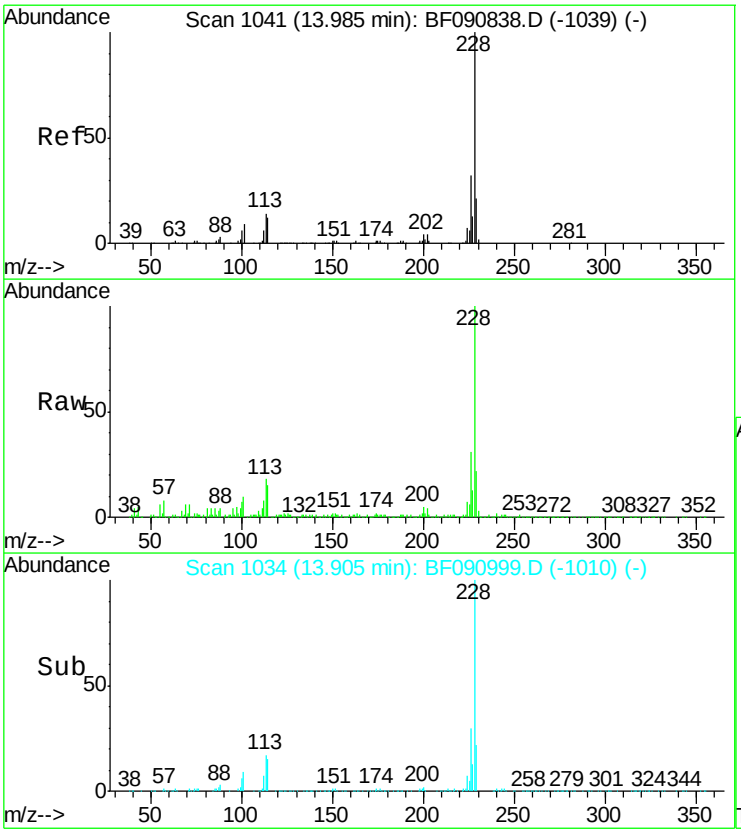
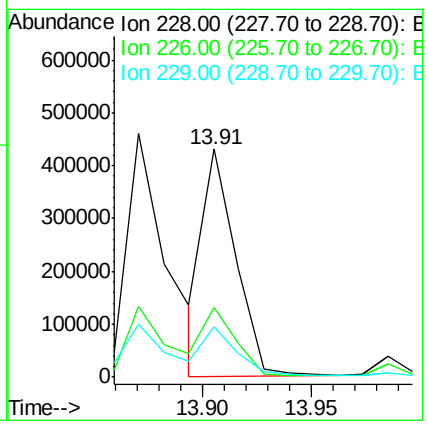
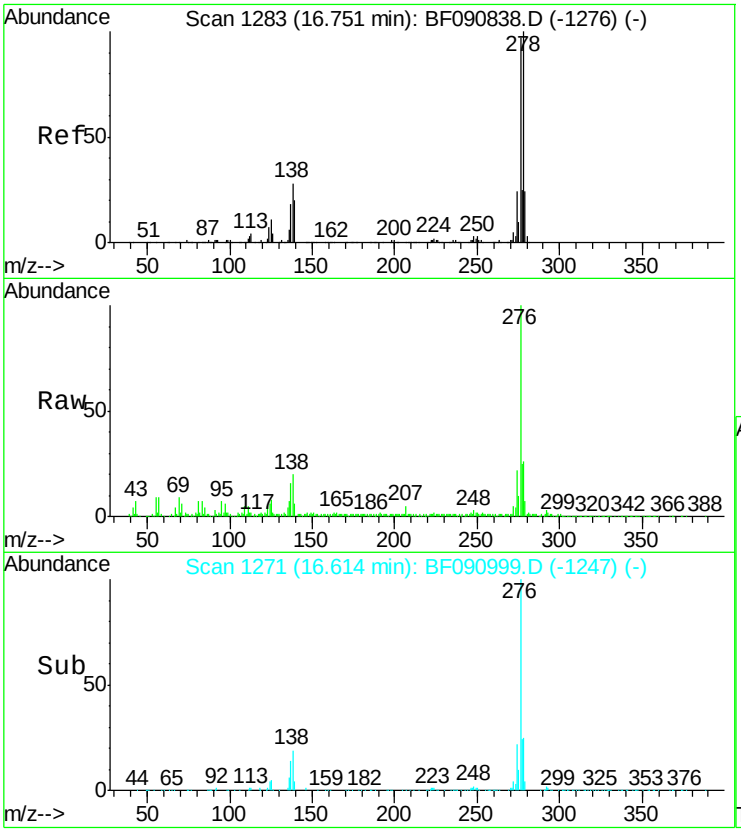


#82
Chrysene
Concen: 22.92 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion:228 Resp: 449724

Ion	Ratio	Lower	Upper
228	100		
226	30.6	21.0	31.4
229	22.3	15.6	23.4





#85
Indeno(1,2,3-cd)pyrene
Concen: 14.29 ng m
RT: 16.61 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion:276 Resp: 248522

Ion	Ratio	Lower	Upper
276	100		
138	5.3	25.7	38.5#
277	4.7	15.6	23.4#

Instrument :
BNA_F
ClientSampleId :
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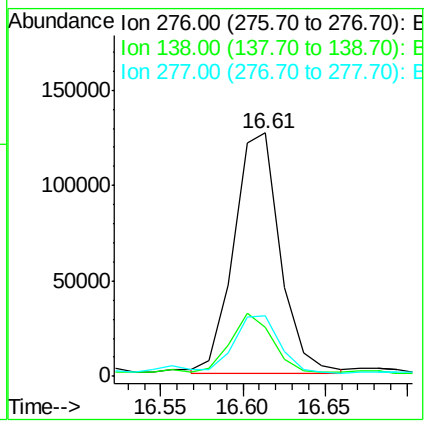
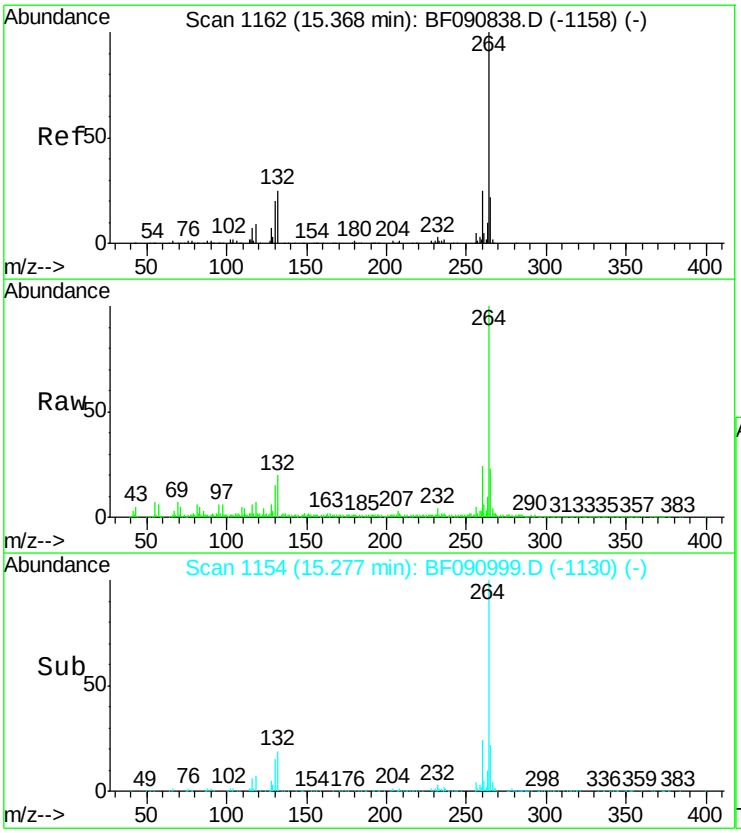
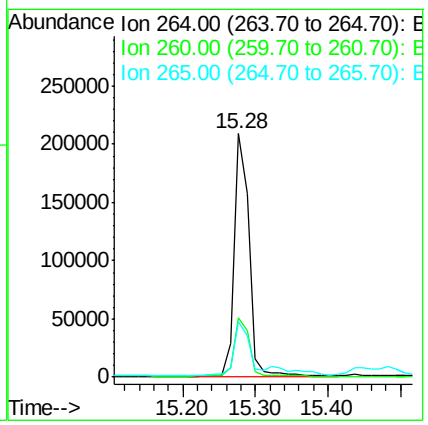


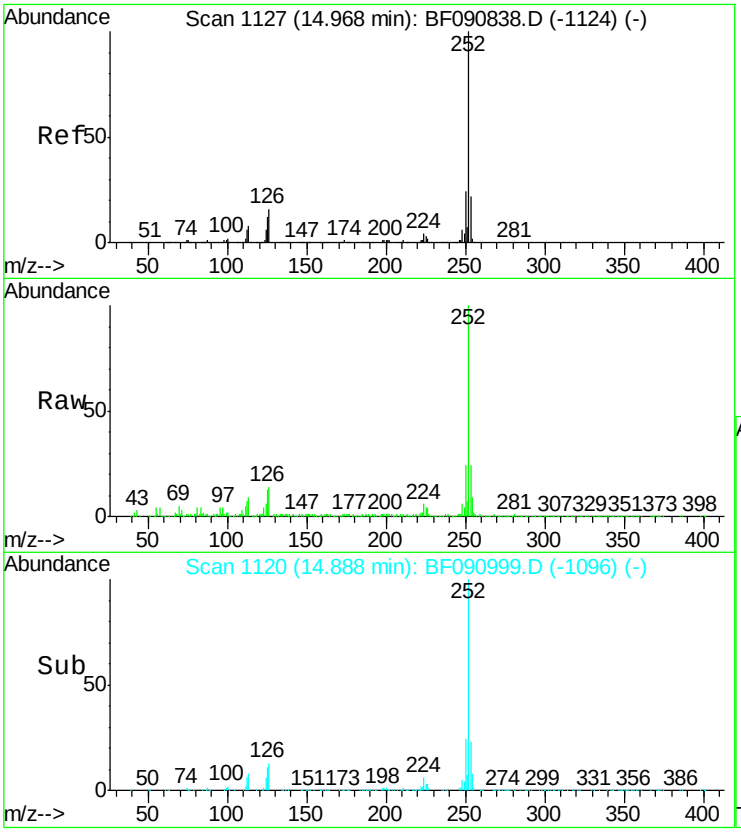


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion:264 Resp: 293374

Ion	Ratio	Lower	Upper
264	100		
260	24.4	16.7	25.1
265	22.6	17.2	25.8

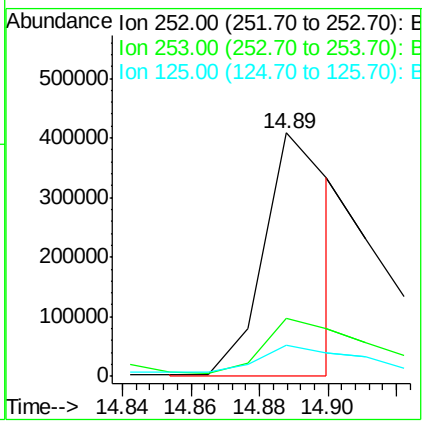




#87
Benzo(b)fluoranthene
Concen: 28.68 ng m
RT: 14.89 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion:252 Resp: 565799

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	12.5	17.1	25.7#



Instrument :
BNA_F
ClientSampleId :
SB-74-0.5-1.0RE

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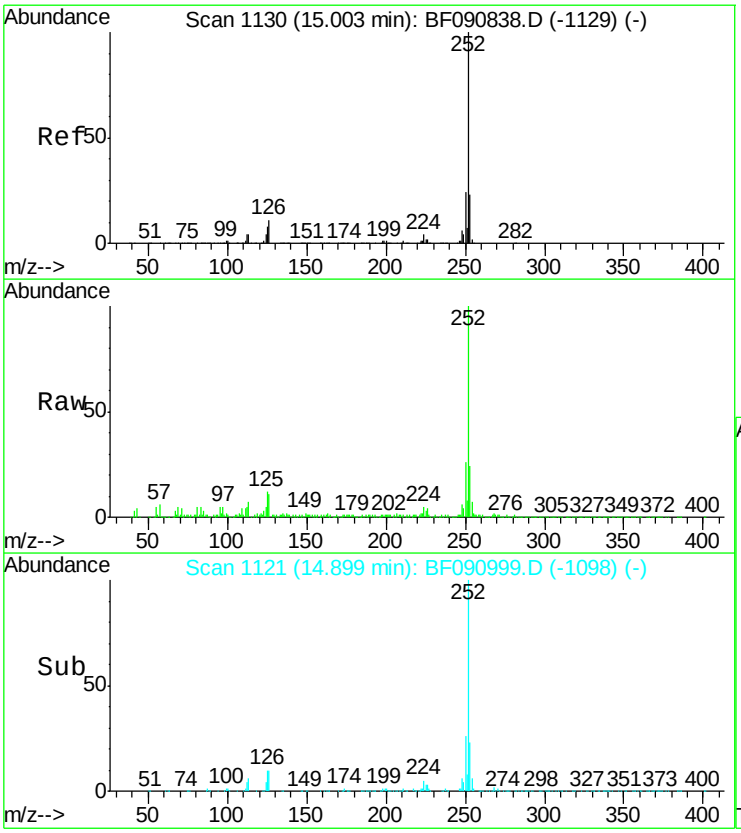
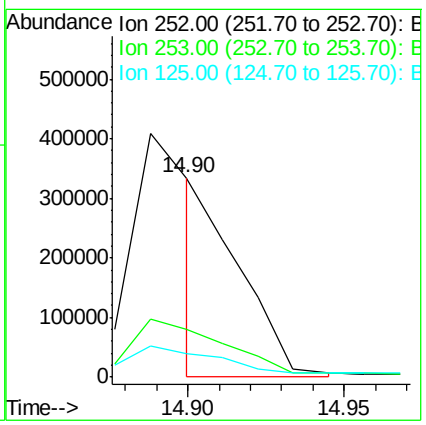
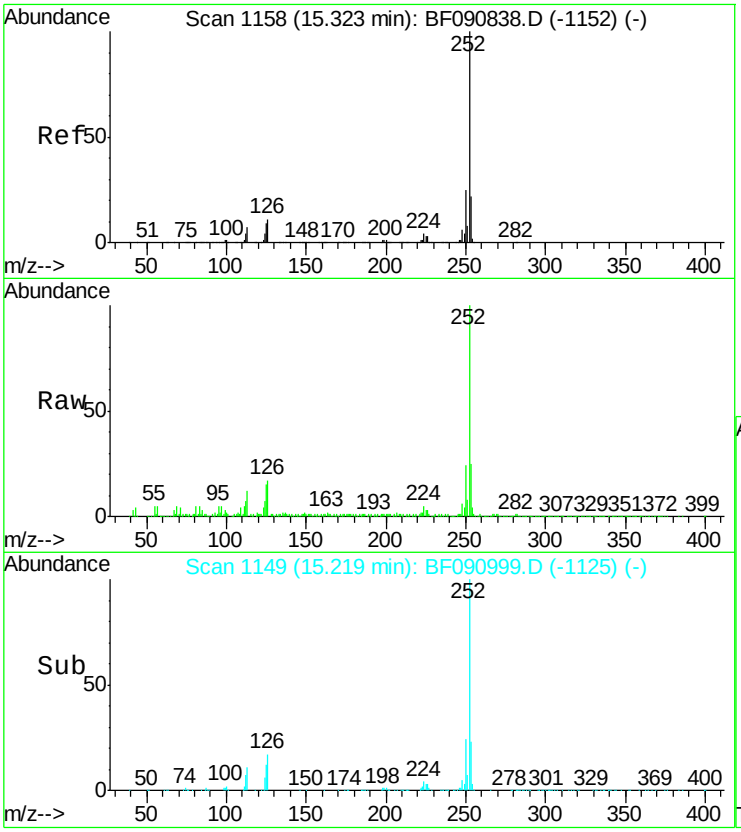


#88
Benzo(k)fluoranthene
Concen: 16.96 ng m
RT: 14.90 min Scan# 1121
Delta R.T. -0.03 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion:252 Resp: 264366

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.0	25.4
125	11.8	16.0	24.0#

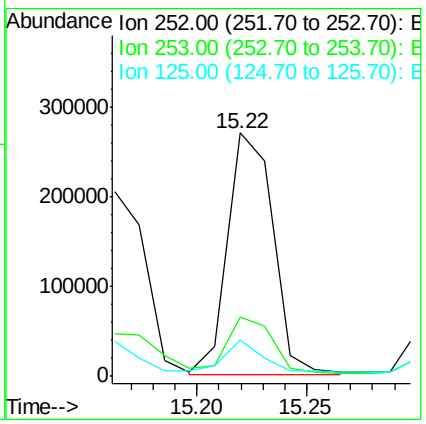




#89
Benzo(a)pyrene
Concen: 23.07 ng m
RT: 15.22 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion:252 Resp: 390989

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.2	25.8
125	14.7	18.0	27.0#



Instrument :
BNA_F
ClientSampleId :
SB-74-0.5-1.0RE

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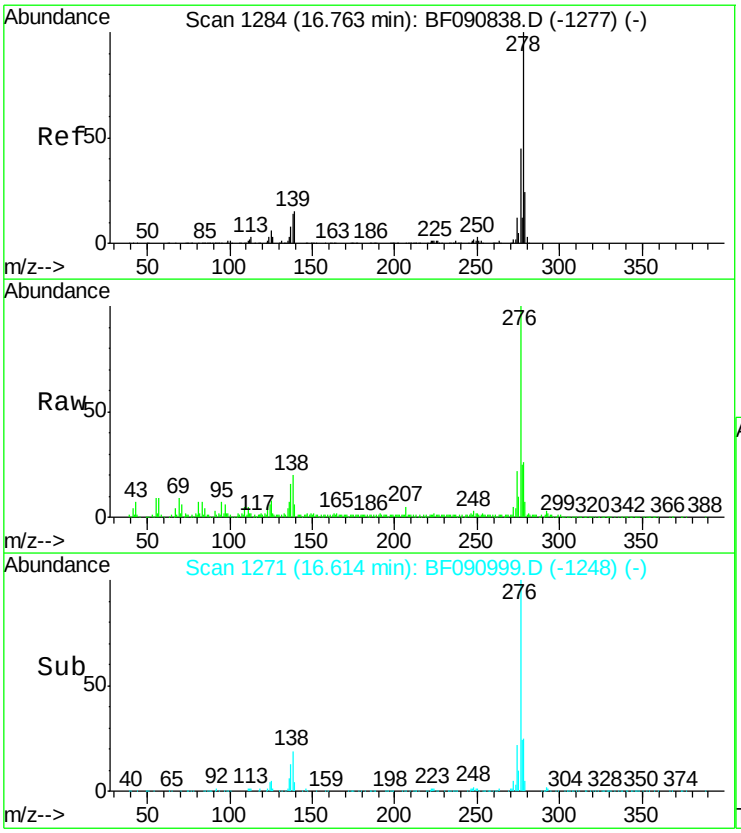
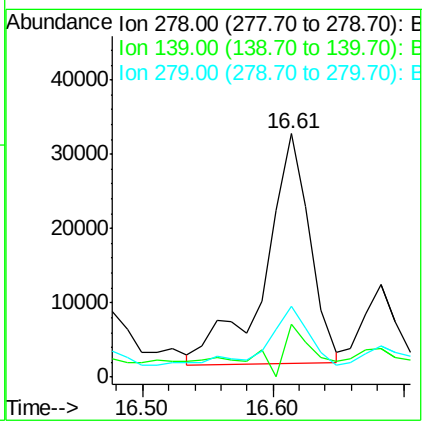
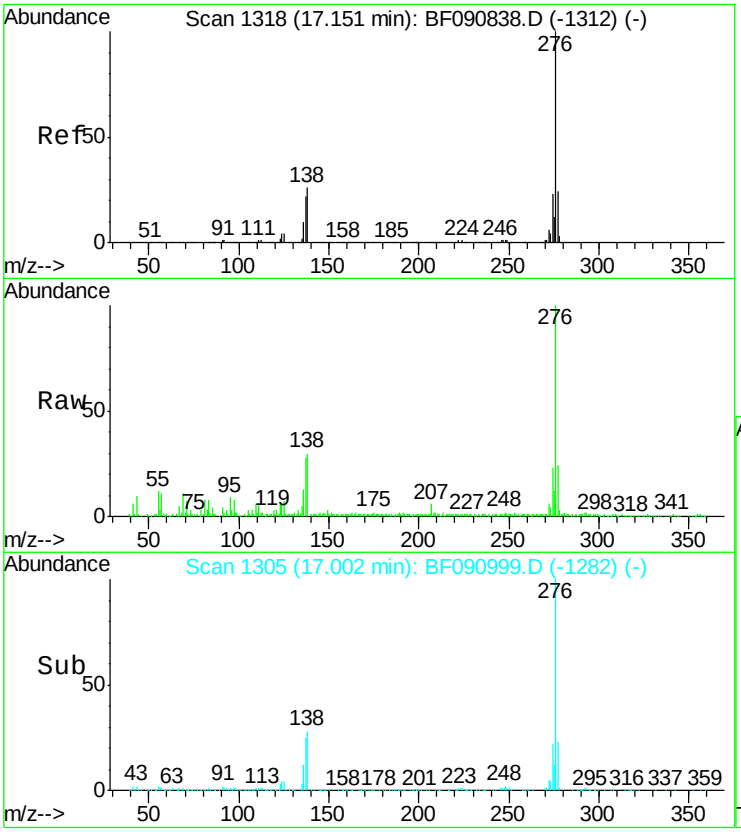


#90
Dibenzo(a,h)anthracene
Concen: 5.16 ng
RT: 16.61 min Scan# 1271
Delta R.T. -0.03 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion:278 Resp: 73982

Ion	Ratio	Lower	Upper
278	100		
139	21.8	26.3	39.5#
279	29.0	18.2	27.4#

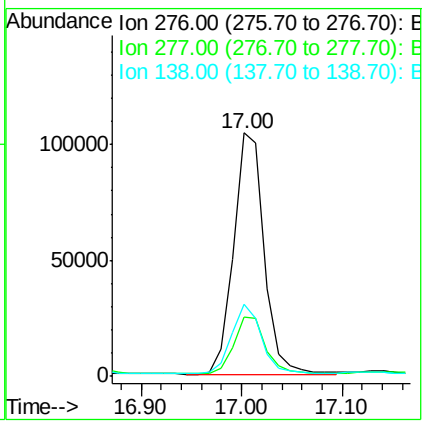




#91
Benzo(g,h,i)perylene
Concen: 16.20 ng
RT: 17.00 min Scan# 1305
Delta R.T. -0.03 min
Lab File: BF090999.D
Acq: 3 Nov 2016 00:07

Tgt Ion:276 Resp: 218978

Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.8	26.6
138	29.5	34.6	51.8#



Instrument :
BNA_F
ClientSampleId :
SB-74-0.5-1.0RE

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