Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081529.D
Acq On : 8 Sep 2015 18:47
Operator : UM/IZ
Sample : G3472-03DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB003DL

Manual Integrations APPROVED
MMDadoda
9/9/2015 2:58:25 PM

Quant Time: Sep 09 01:27:18 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 08 23:43:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	47827	20.00	ng		0.00
21) Naphthalene-d8	7.63	136	190229	20.00	ng		-0.01
38) Acenaphthene-d10	9.37	164	81242	20.00	ng		-0.01
63) Phenanthrene-d10	10.83	188	151849	20.00	ng		-0.01
75) Chrysene-d12	13.45	240	97364	20.00	ng		0.00
86) Perylene-d12	14.75	264	92149	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.88	112	65334	21.19	ng		0.00
7) Phenol-d6	6.01	99	94014	23.04	ng		-0.01
23) Nitrobenzene-d5	6.92	82	55532	14.08	ng		0.00
41) 2,4,6-Tribromophenol	10.16	330	14715	20.34	ng		0.00
44) 2-Fluorobiphenyl	8.72	172	98244	15.50	ng		0.00
78) Terphenyl-d14	12.42	244	66781	15.97	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	7.66	128	25517	2.52	ng		99
37) 2-Methylnaphthalene	8.35	142	23854	3.61	ng	#	89
49) Dimethylphthalate	9.12	163	27714	4.39	ng	#	97
51) Acenaphthene	9.40	154	14636	2.69	ng	#	84
54) Dibenzofuran	9.58	168	17164	2.16	ng	#	82
57) Fluorene	9.92	166	17415	2.89	ng	#	95
70) Phenanthrene	10.87	178	218341	25.86	ng		97
71) Anthracene	10.91	178	50034	5.77	ng		99
72) Carbazole	11.07	167	24595	3.02	ng	#	89
74) Fluoranthene	12.03	202	262361	28.71	ng		90
77) Pyrene	12.26	202	222914	30.91	ng		98
80) Benzo(a)anthracene	13.44	228	95408m	15.39	ng		
82) Chrysene	13.47	228	78077m	14.05	ng		
85) Indeno(1,2,3-cd)pyrene	15.82	276	53096	13.02	ng	#	82
87) Benzo(b)fluoranthene	14.43	252	87861m	13.36	ng		
88) Benzo(k)fluoranthene	14.43	252	44679m	8.18	ng		
89) Benzo(a)pyrene	14.71	252	76634	13.75	ng	#	83
90) Dibenzo(a,h)anthracene	15.83	278	17343	4.03	ng	#	75
91) Benzo(g,h,i)perylene	16.14	276	48409	11.77	ng	#	71

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

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BNA_F
ClientSampleId :
SB003DL

Manual Integrations APPROVED
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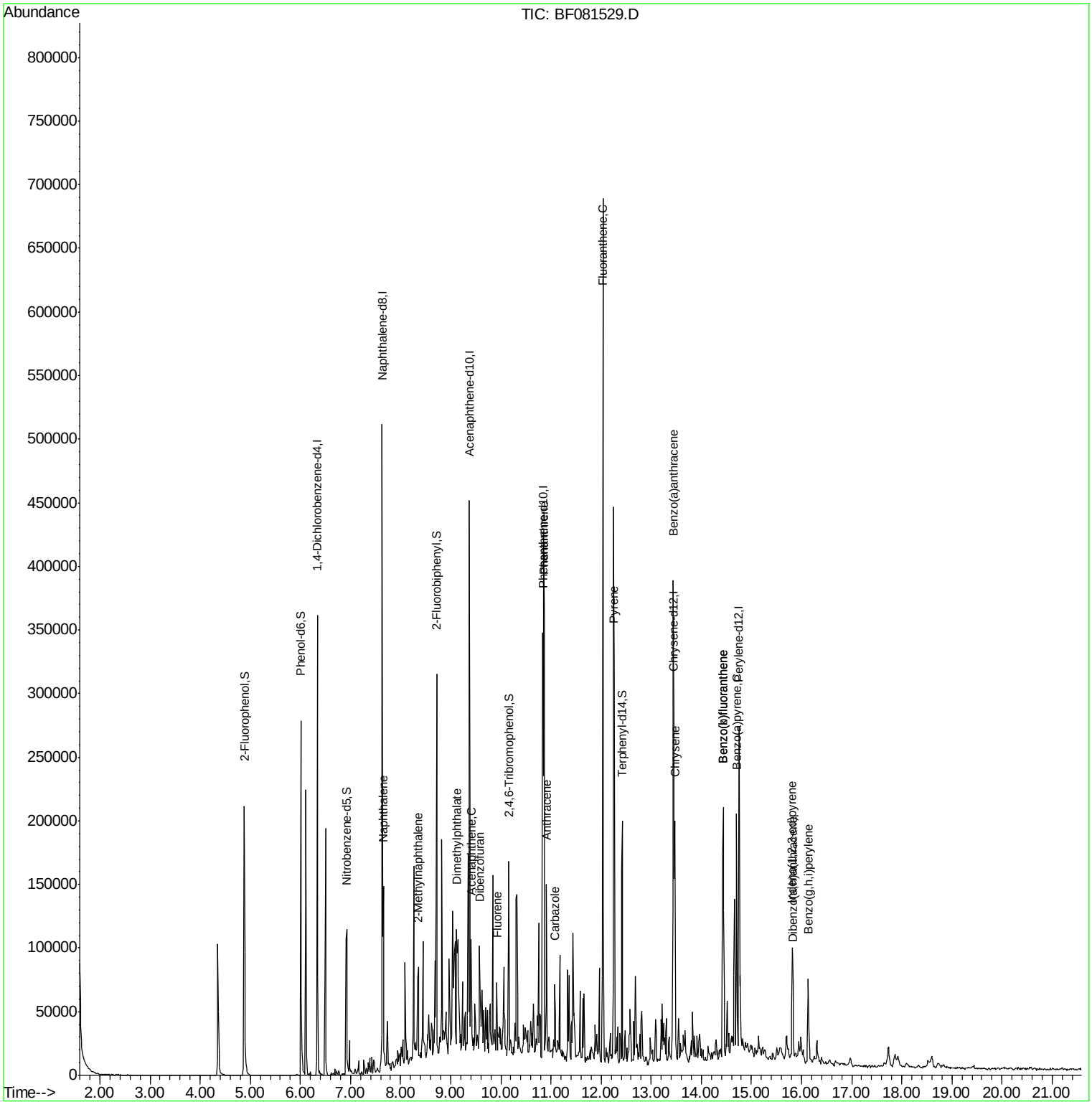
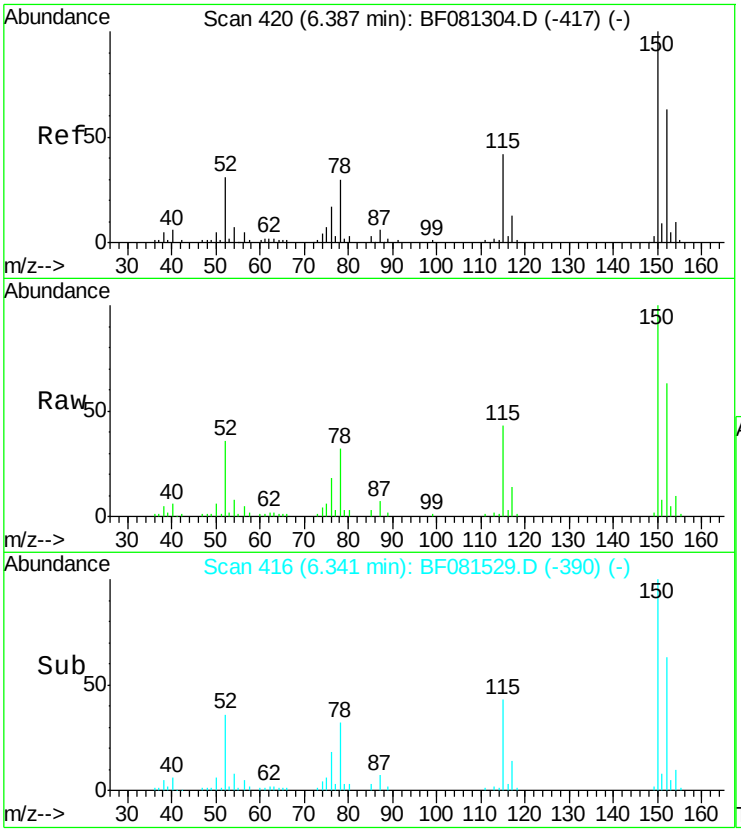
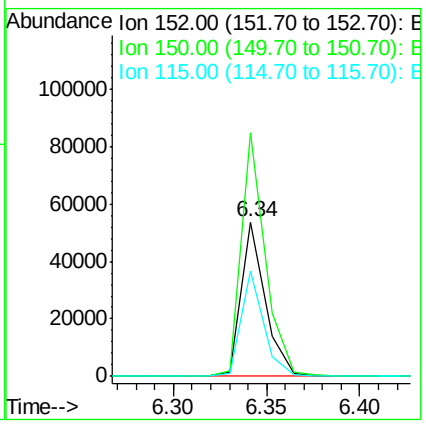




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF081529.D
Acq: 8 Sep 2015 18:47

Tgt Ion:152 Resp: 47827

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.7	187.1
115	68.1	39.0	58.4#



Instrument :
BNA_F
ClientSampleId :
SB003DL

Manual Integrations APPROVED
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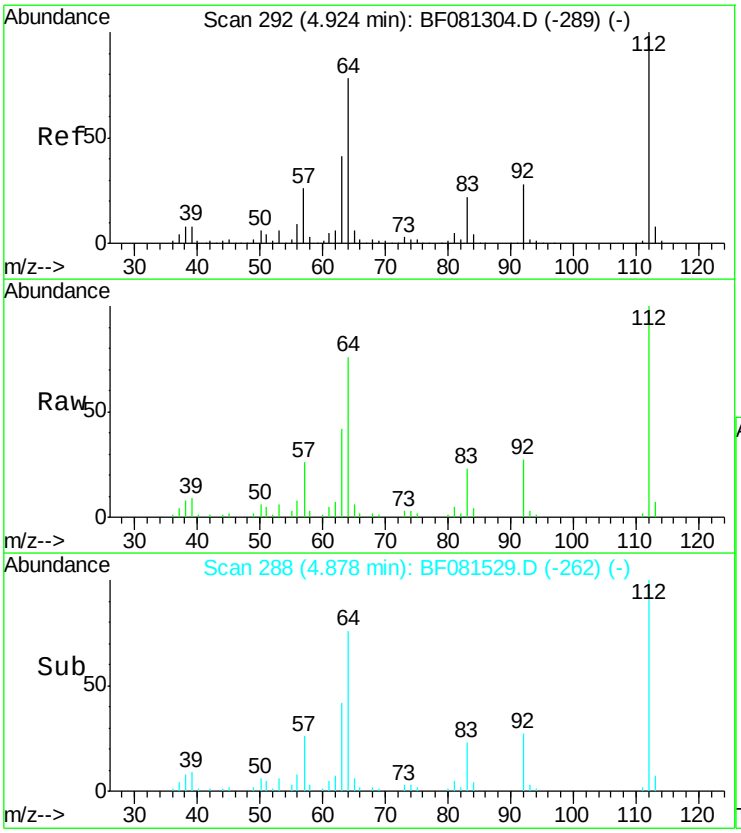
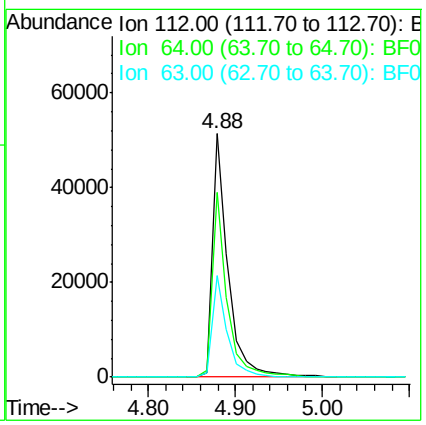
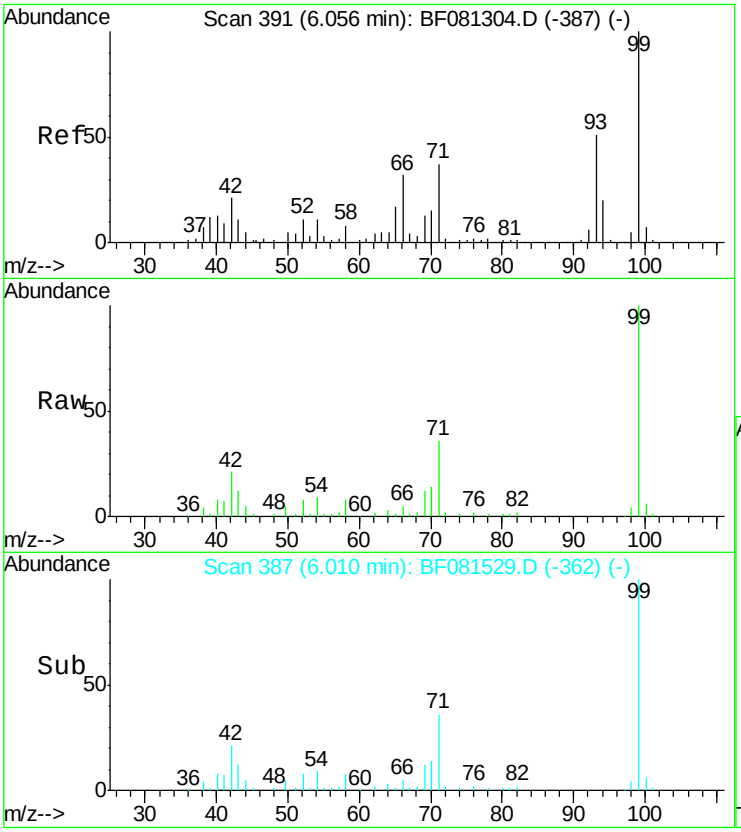


#5
2-Fluorophenol
Concen: 21.19 ng
RT: 4.88 min Scan# 288
Delta R.T. -0.00 min
Lab File: BF081529.D
Acq: 8 Sep 2015 18:47

Tgt Ion:112 Resp: 65334

Ion	Ratio	Lower	Upper
112	100		
64	76.0	39.7	59.5#
63	41.6	17.4	26.0#

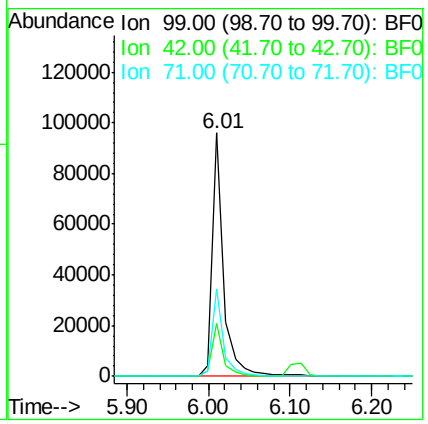




#7
Phenol-d6
Concen: 23.04 ng
RT: 6.01 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF081529.D
Acq: 8 Sep 2015 18:47

Tgt Ion: 99 Resp: 94014

Ion	Ratio	Lower	Upper
99	100		
42	21.5	13.7	20.5#
71	36.1	14.2	21.2#



Instrument :
BNA_F
ClientSampleId :
SB003DL

Manual Integrations APPROVED
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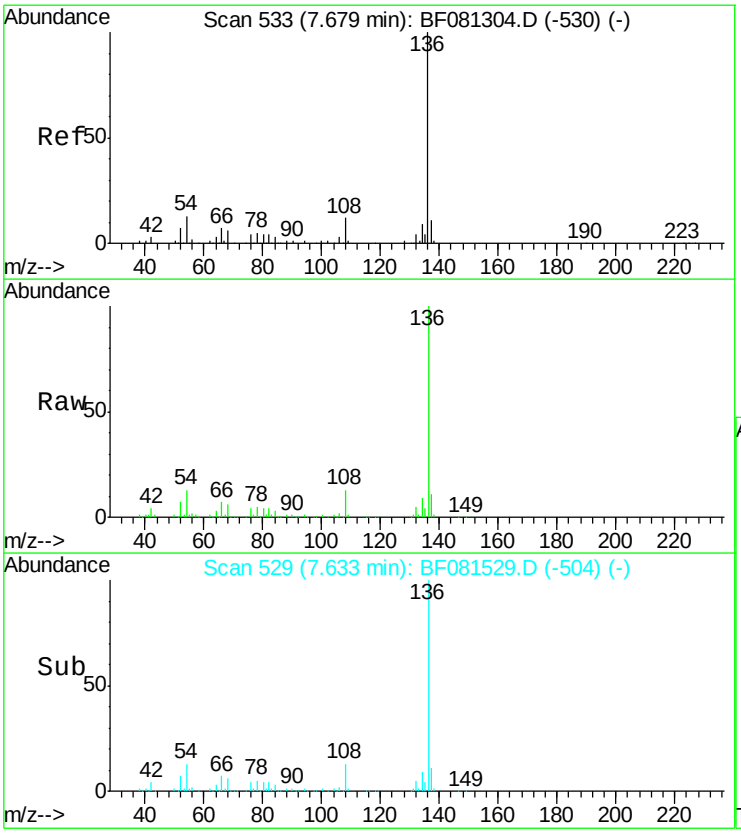
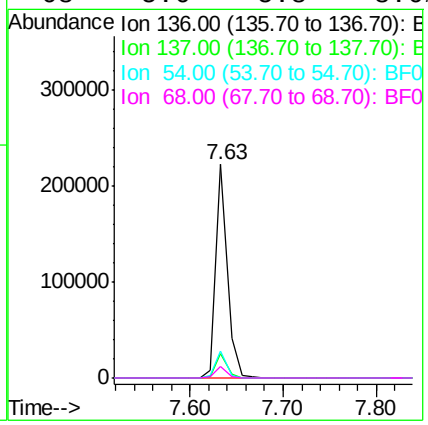
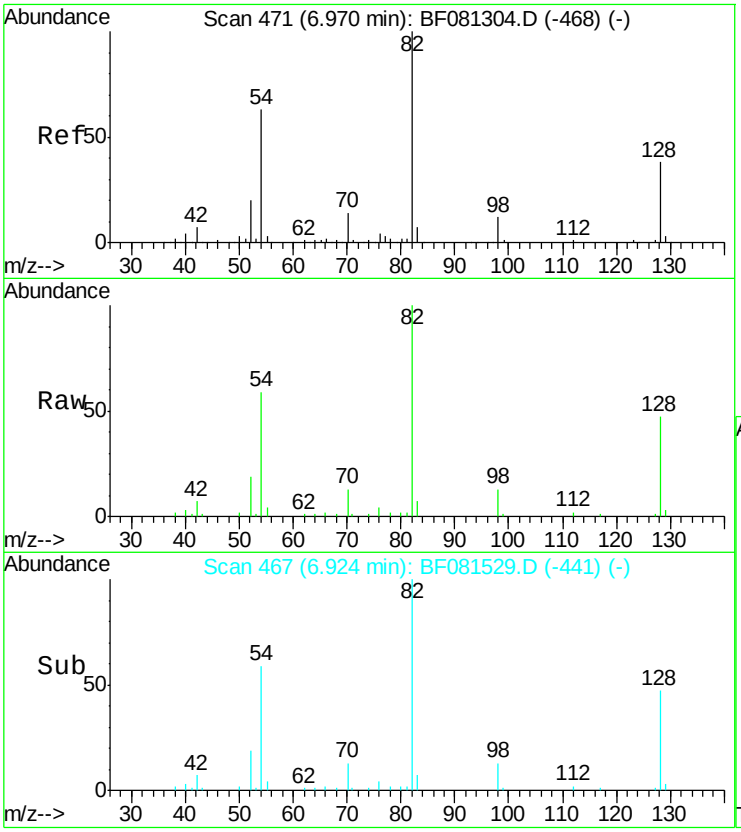


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF081529.D
Acq: 8 Sep 2015 18:47

Tgt Ion:136 Resp: 190229

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	12.7	8.2	12.2#
68	5.6	5.8	8.6#

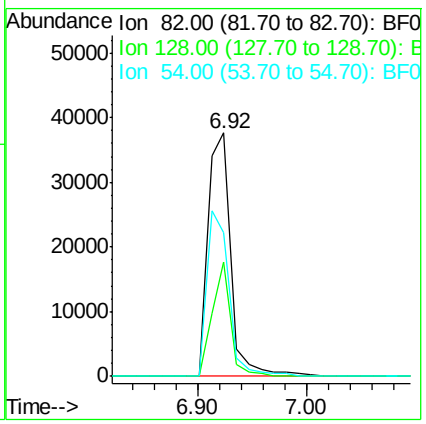




#23
Nitrobenzene-d5
Concen: 14.08 ng
RT: 6.92 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF081529.D
Acq: 8 Sep 2015 18:47

Tgt Ion: 82 Resp: 55532

Ion	Ratio	Lower	Upper
82	100		
128	46.9	51.0	76.6#
54	58.9	47.5	71.3



Instrument :
BNA_F
ClientSampleId :
SB003DL

Manual Integrations APPROVED
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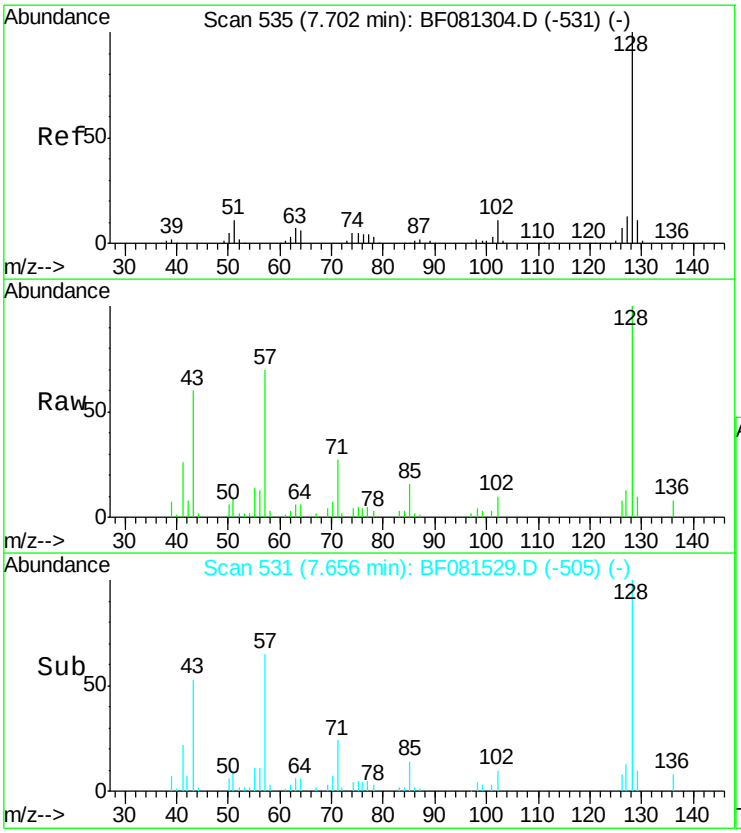
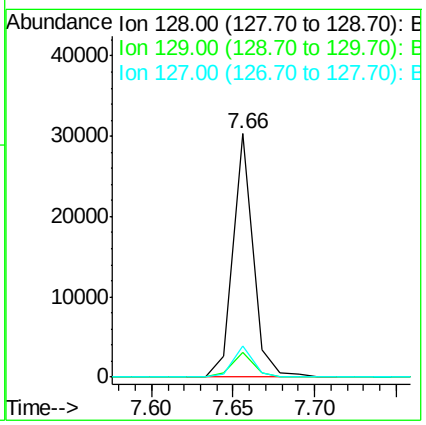
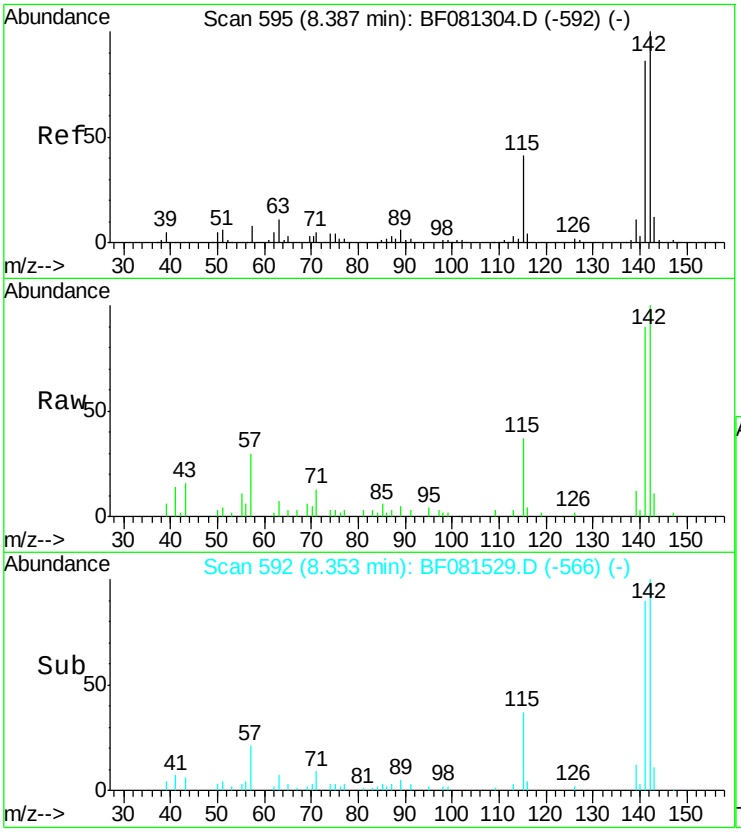


#31
Naphthalene
Concen: 2.52 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF081529.D
Acq: 8 Sep 2015 18:47

Tgt Ion:128 Resp: 25517

Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.4	12.6
127	12.7	9.9	14.9

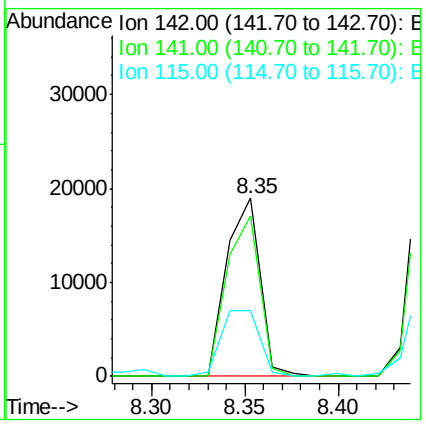




#37
2-Methylnaphthalene
Concen: 3.61 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF081529.D
Acq: 8 Sep 2015 18:47

Tgt Ion:142 Resp: 23854

Ion	Ratio	Lower	Upper
142	100		
141	89.8	67.5	101.3
115	36.8	18.2	27.2#



Instrument :
BNA_F
ClientSampleId :
SB003DL

Manual Integrations APPROVED
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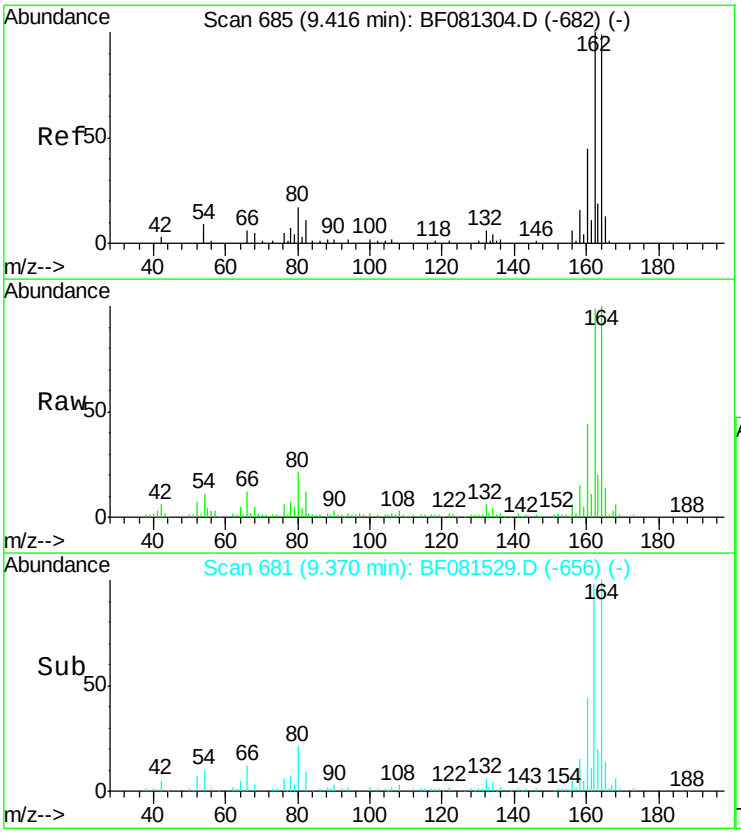
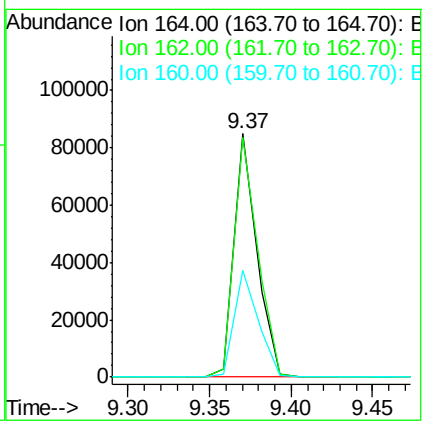
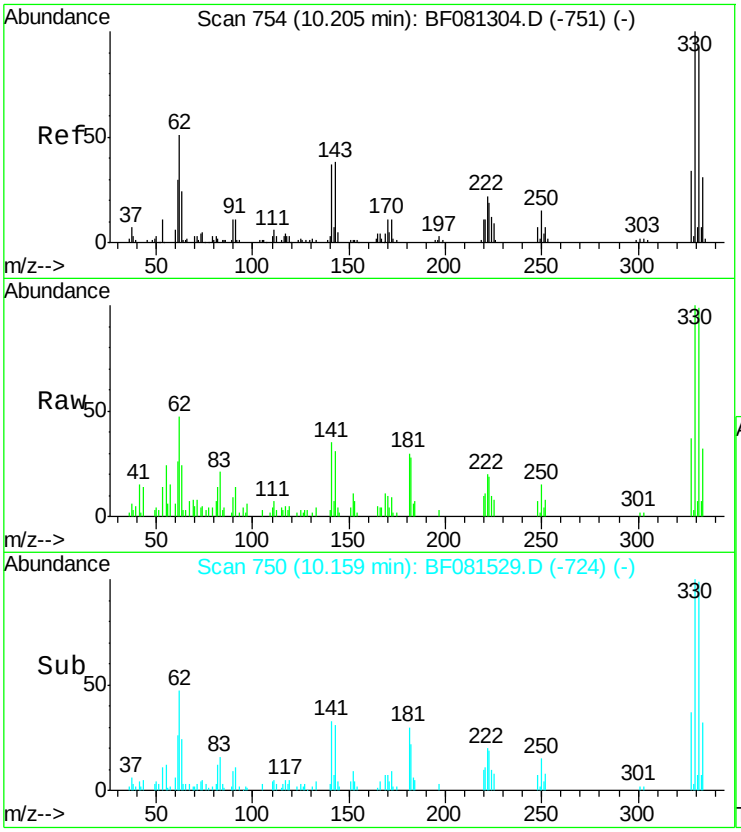


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF081529.D
Acq: 8 Sep 2015 18:47

Tgt Ion:164 Resp: 81242

Ion	Ratio	Lower	Upper
164	100		
162	98.6	75.2	112.8
160	44.1	31.5	47.3

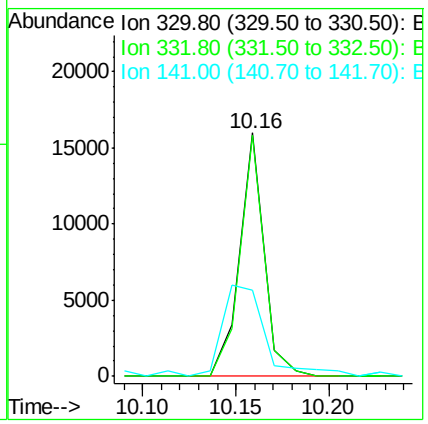




#41
2,4,6-Tribromophenol
Concen: 20.34 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF081529.D
Acq: 8 Sep 2015 18:47

Tgt Ion:330 Resp: 14715

Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.6	114.8
141	66.5	29.7	44.5#



Instrument :
BNA_F
ClientSampleId :
SB003DL

Manual Integrations APPROVED
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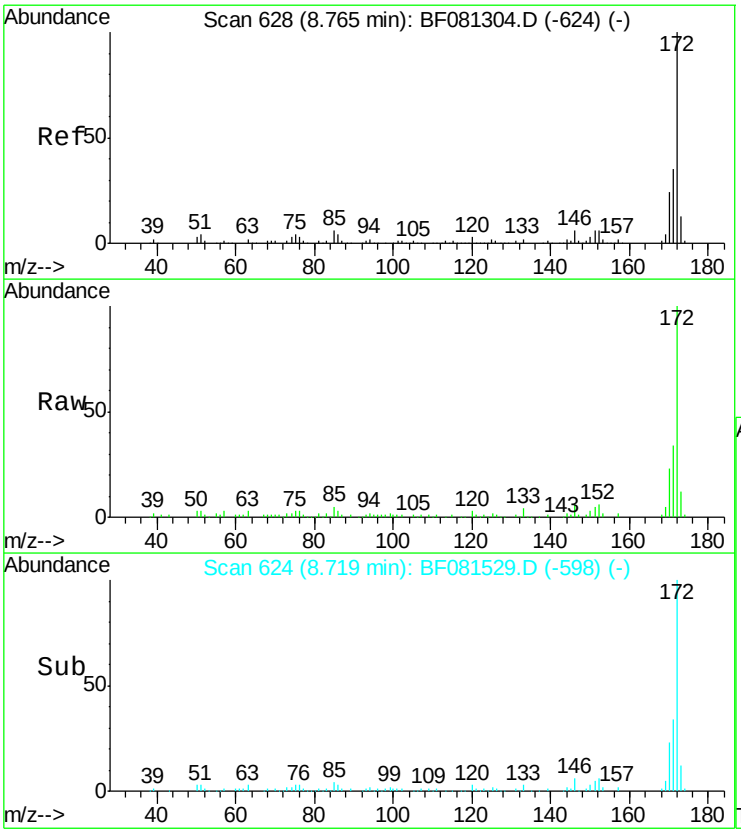
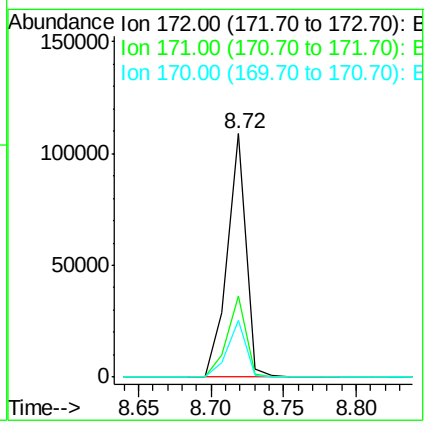
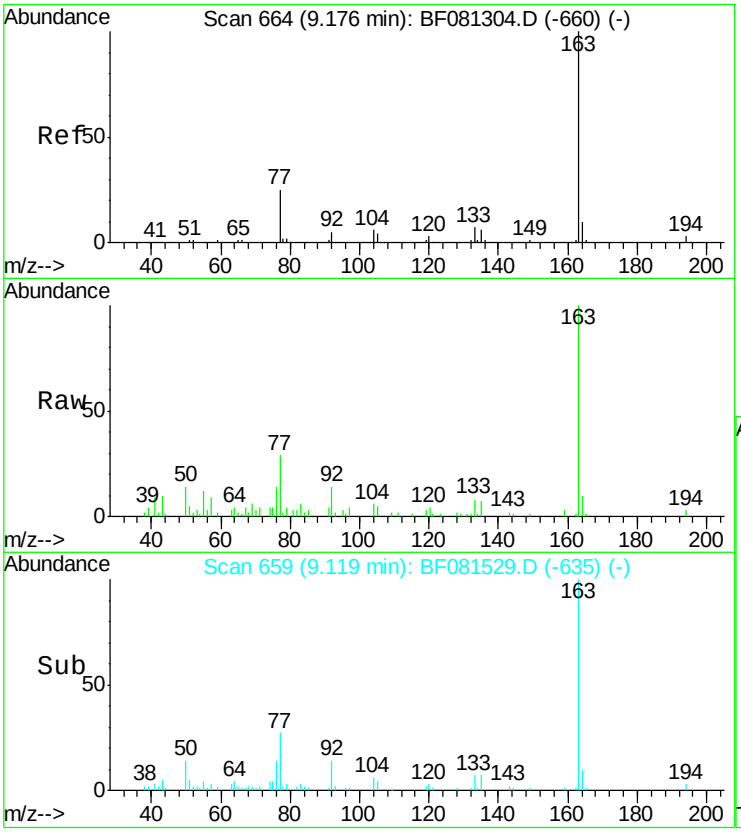


#44
2-Fluorobiphenyl
Concen: 15.50 ng
RT: 8.72 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF081529.D
Acq: 8 Sep 2015 18:47

Tgt Ion:172 Resp: 98244

Ion	Ratio	Lower	Upper
172	100		
171	33.5	26.1	39.1
170	23.2	17.4	26.2

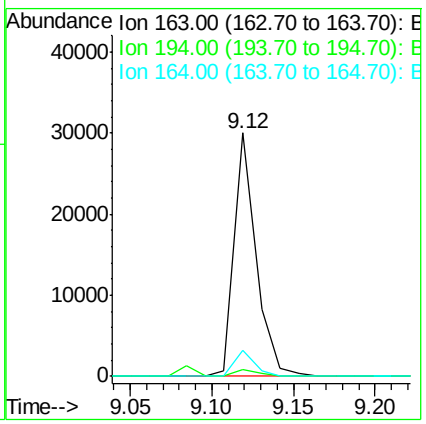




#49
Dimethylphthalate
Concen: 4.39 ng
RT: 9.12 min Scan# 659
Delta R.T. -0.02 min
Lab File: BF081529.D
Acq: 8 Sep 2015 18:47

Tgt Ion:163 Resp: 27714

Ion	Ratio	Lower	Upper
163	100		
194	2.8	4.4	6.6#
164	10.4	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
SB003DL

Manual Integrations APPROVED
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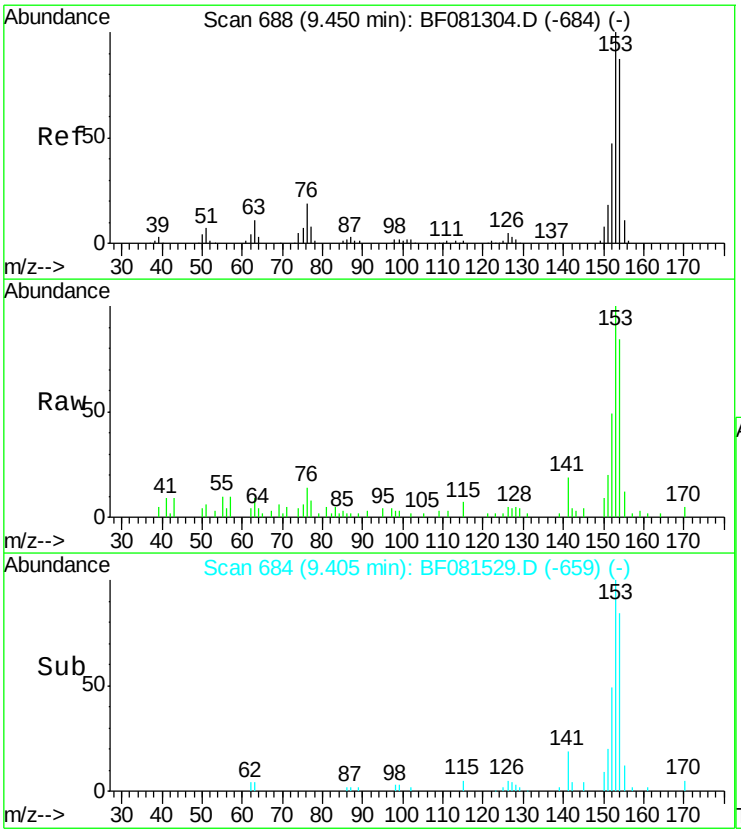
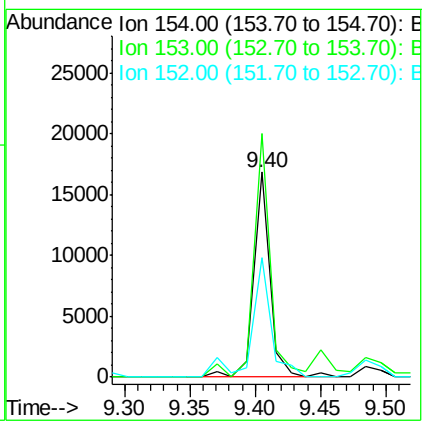
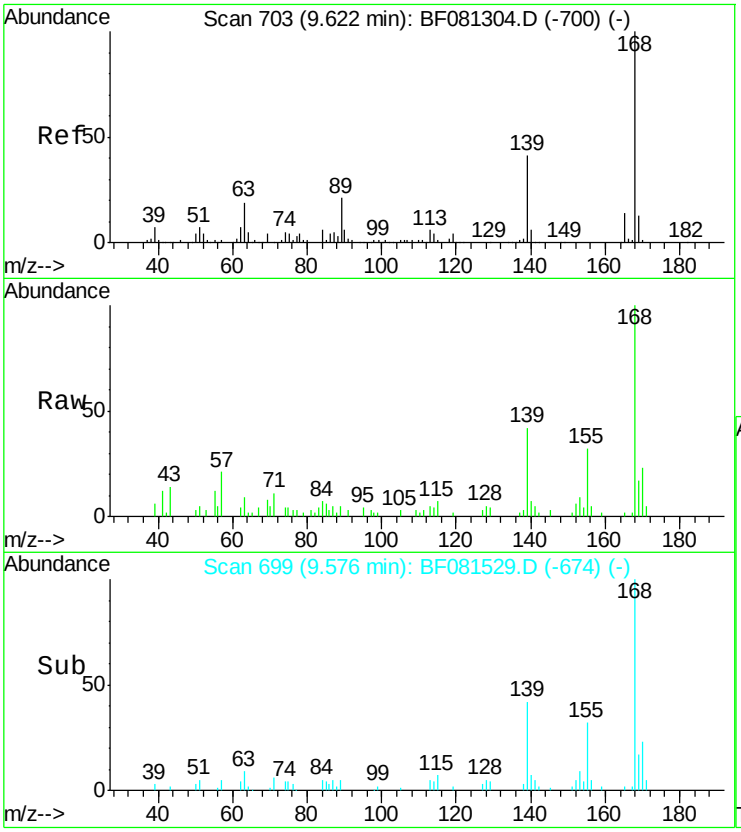


#51
Acenaphthene
Concen: 2.69 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF081529.D
Acq: 8 Sep 2015 18:47

Tgt Ion:154 Resp: 14636

Ion	Ratio	Lower	Upper
154	100		
153	118.7	82.1	123.1
152	58.4	37.9	56.9#

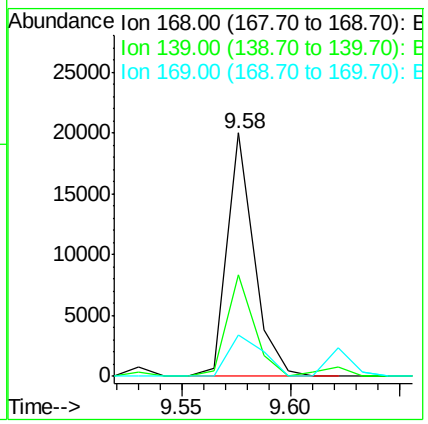




#54
Dibenzofuran
Concen: 2.16 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF081529.D
Acq: 8 Sep 2015 18:47

Tgt Ion:168 Resp: 17164

Ion	Ratio	Lower	Upper
168	100		
139	41.8	24.2	36.2#
169	17.1	10.6	15.8#



Instrument :
BNA_F
ClientSampleId :
SB003DL

Manual Integrations APPROVED
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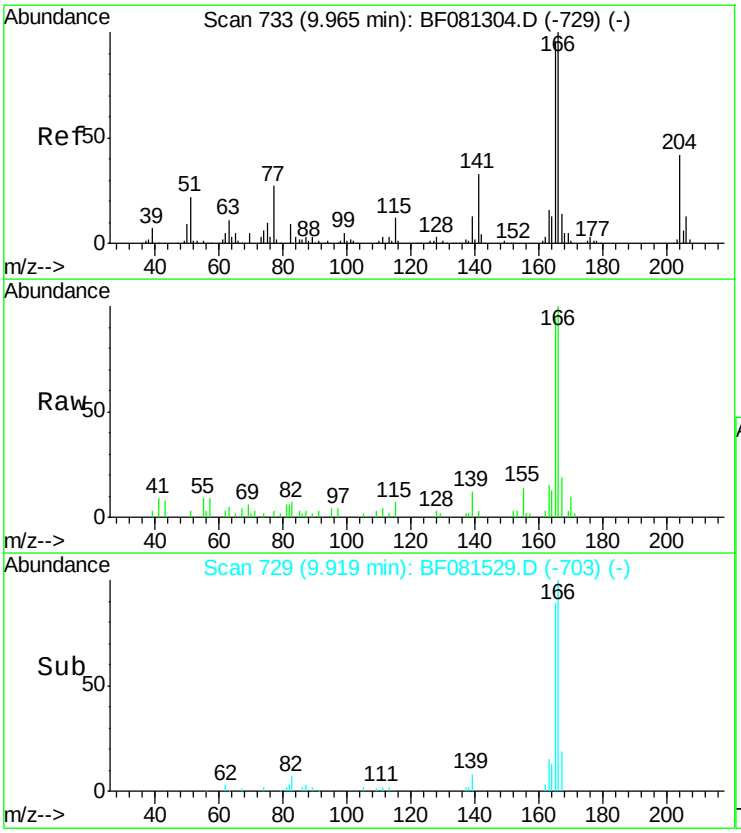
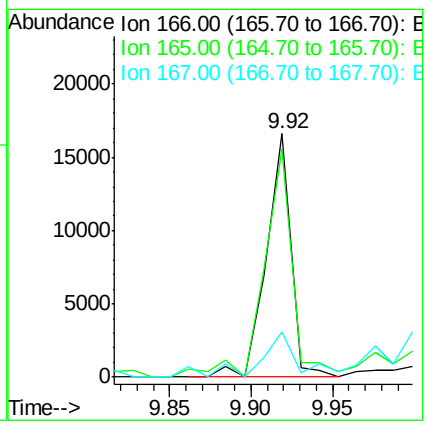
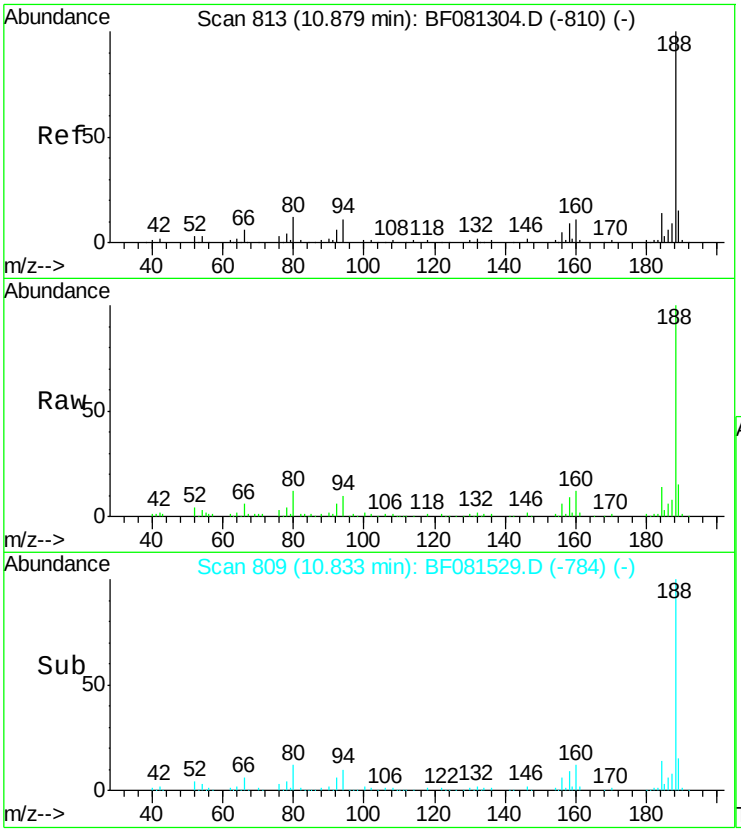


#57
Fluorene
Concen: 2.89 ng
RT: 9.92 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF081529.D
Acq: 8 Sep 2015 18:47

Tgt Ion:166 Resp: 17415

Ion	Ratio	Lower	Upper
166	100		
165	94.0	72.6	109.0
167	18.7	10.6	16.0#

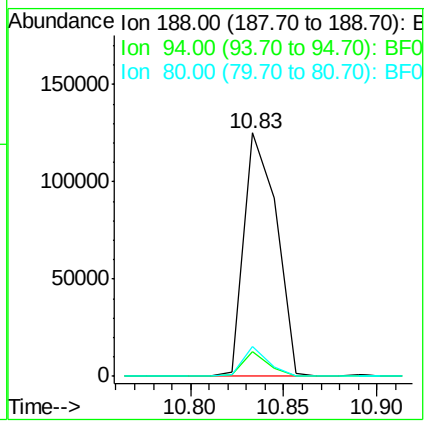




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.83 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF081529.D
Acq: 8 Sep 2015 18:47

Tgt Ion:188 Resp: 151849

Ion	Ratio	Lower	Upper
188	100		
94	10.3	11.1	16.7#
80	12.1	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
SB003DL

Manual Integrations APPROVED
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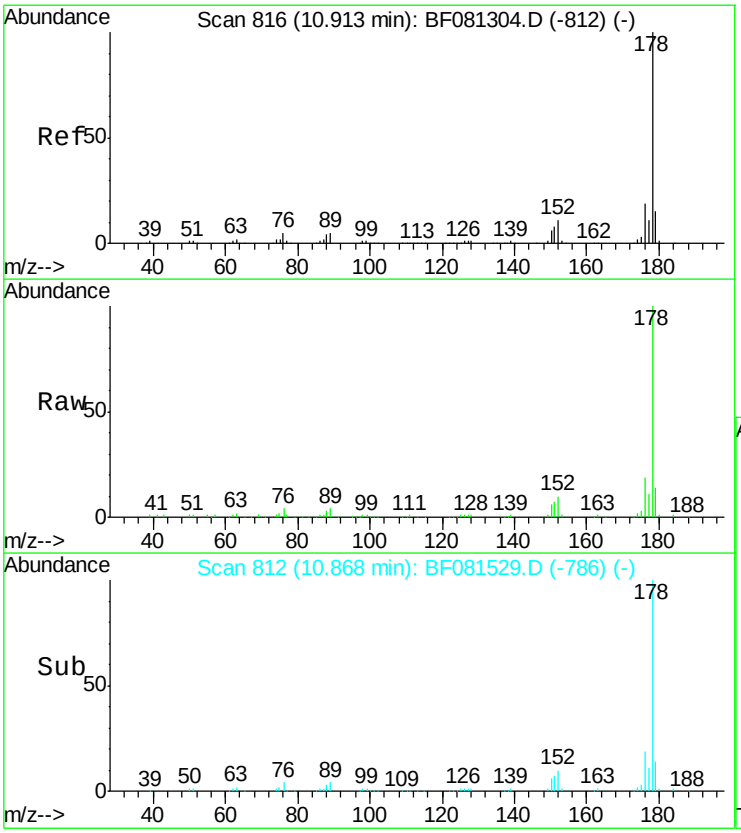
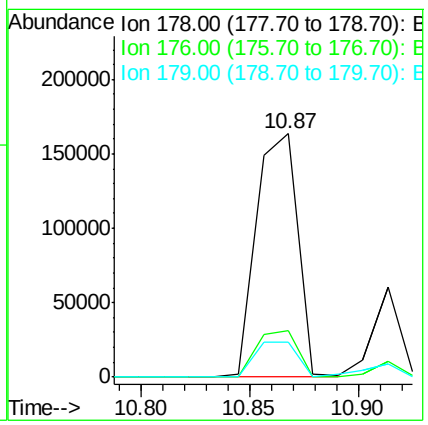
9/9/2015 2:58:25 PM

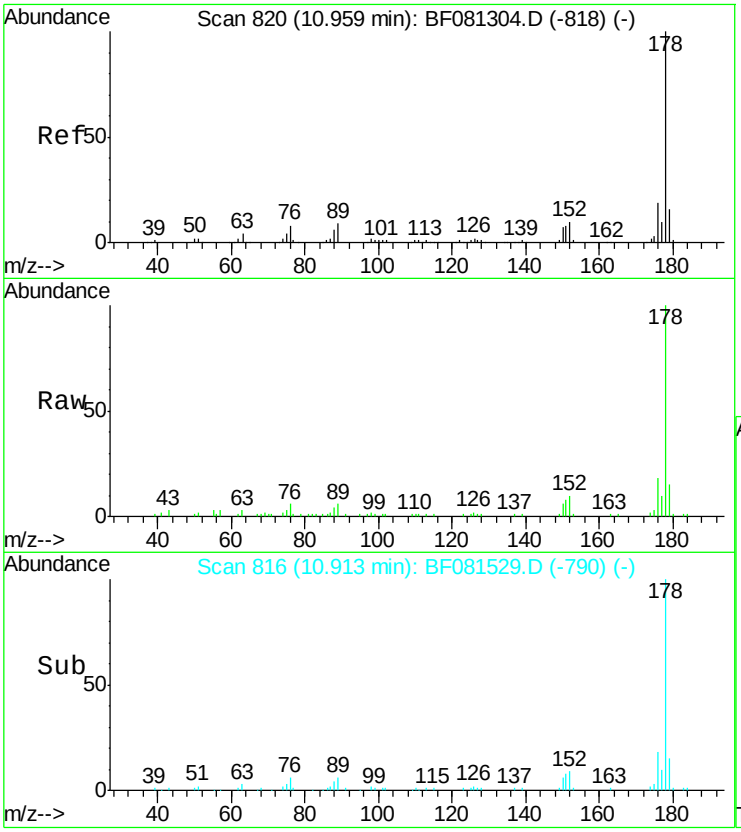


#70
Phenanthrene
Concen: 25.86 ng
RT: 10.87 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF081529.D
Acq: 8 Sep 2015 18:47

Tgt Ion:178 Resp: 218341

Ion	Ratio	Lower	Upper
178	100		
176	19.0	13.8	20.8
179	14.4	12.2	18.2

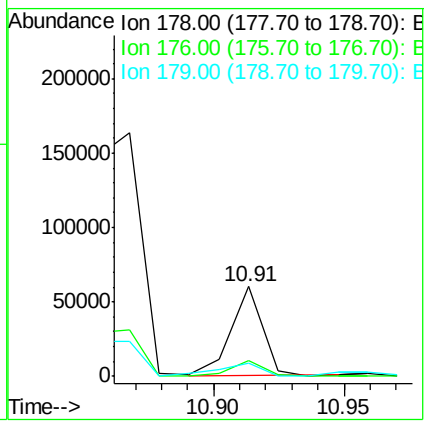




#71
Anthracene
Concen: 5.77 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF081529.D
Acq: 8 Sep 2015 18:47

Tgt Ion:178 Resp: 50034

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.1	21.1
179	14.9	12.2	18.2



Instrument :
BNA_F
ClientSampleId :
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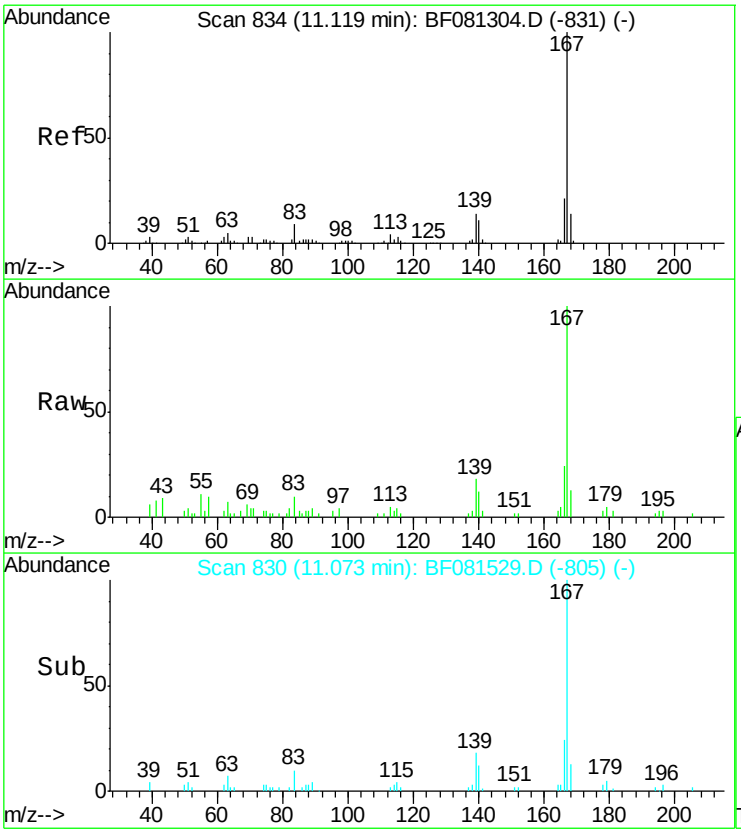
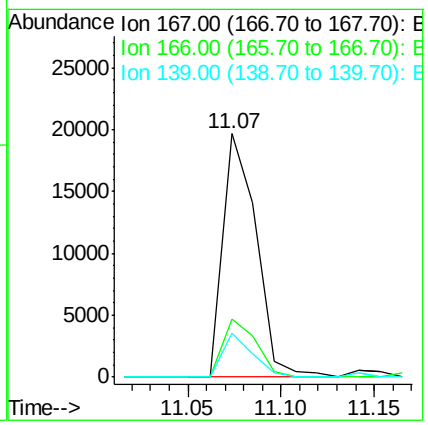
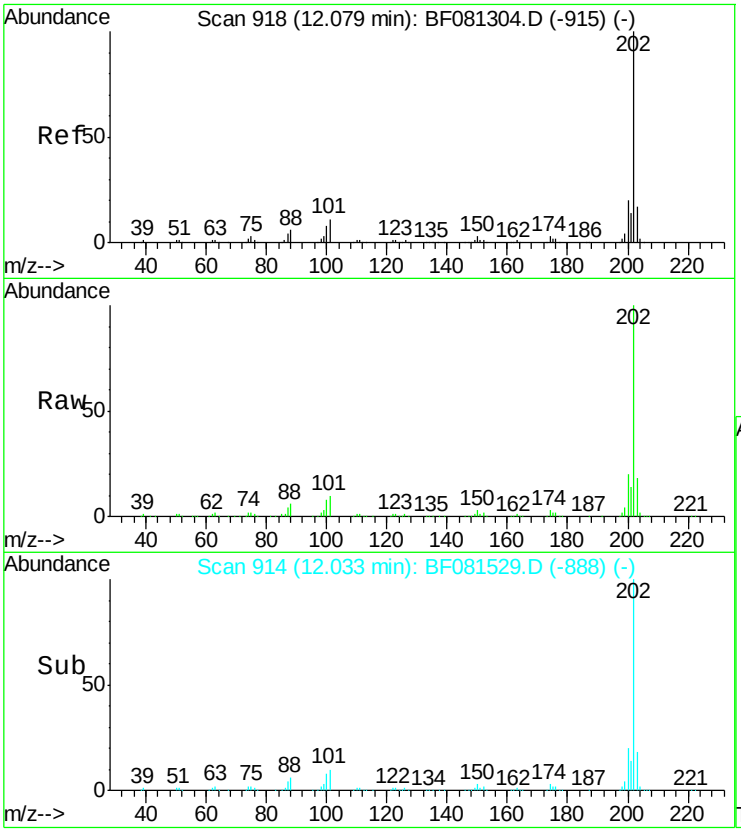


#72
Carbazole
Concen: 3.02 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF081529.D
Acq: 8 Sep 2015 18:47

Tgt Ion:167 Resp: 24595

Ion	Ratio	Lower	Upper
167	100		
166	23.6	15.7	23.5#
139	17.8	9.5	14.3#

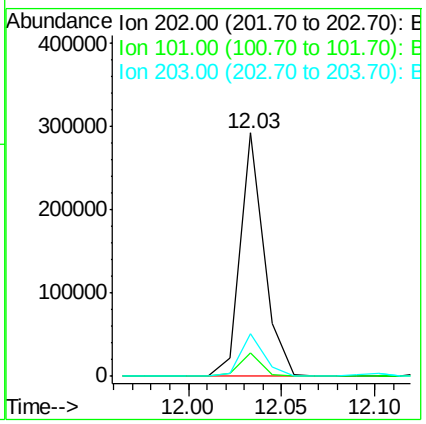




#74
Fluoranthene
Concen: 28.71 ng
RT: 12.03 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF081529.D
Acq: 8 Sep 2015 18:47

Tgt Ion:202 Resp: 262361

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	38.3
203	17.6	0.0	37.3



Instrument :
BNA_F
ClientSampleId :
SB003DL

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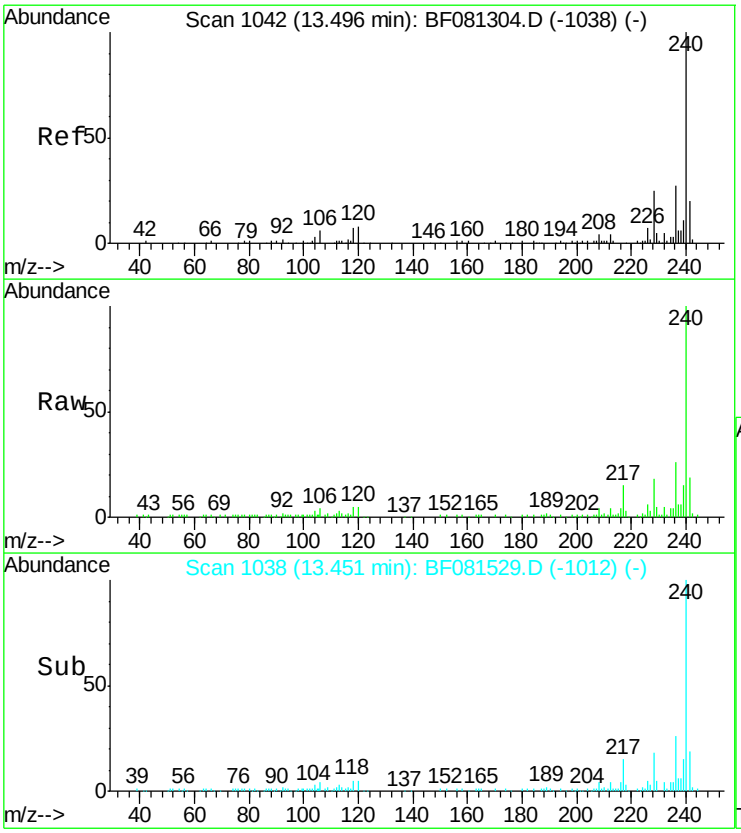
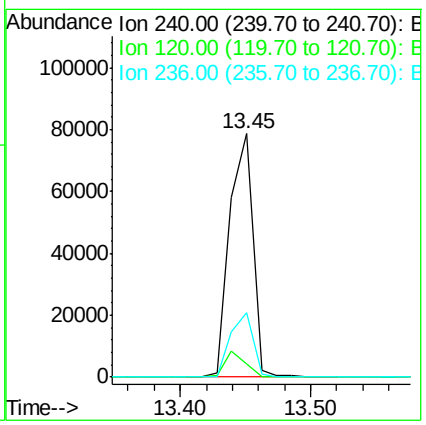
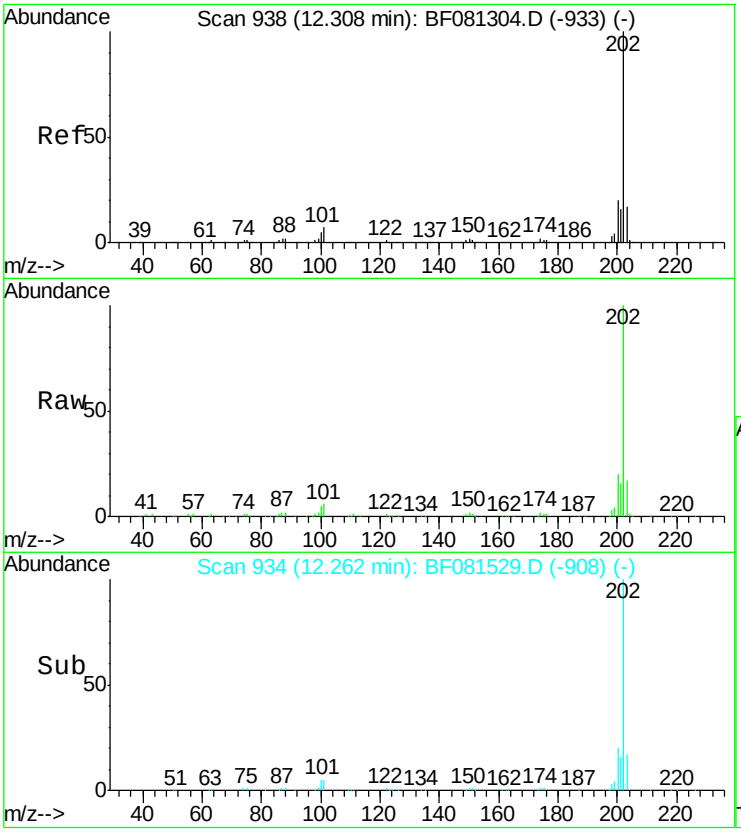


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF081529.D
Acq: 8 Sep 2015 18:47

Tgt Ion:240 Resp: 97364

Ion	Ratio	Lower	Upper
240	100		
120	5.5	16.2	24.2#
236	26.4	18.4	27.6

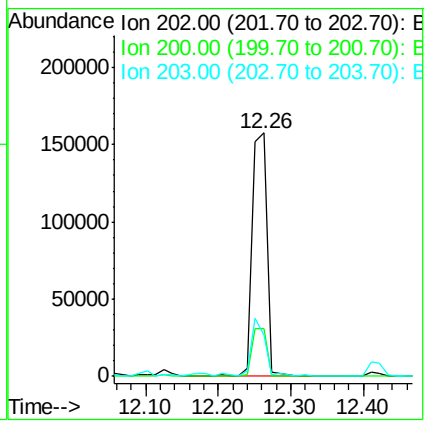




#77
Pyrene
Concen: 30.91 ng
RT: 12.26 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF081529.D
Acq: 8 Sep 2015 18:47

Tgt Ion:202 Resp: 222914

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.0	22.4
203	17.0	14.1	21.1



Instrument :
BNA_F
ClientSampleId :
SB003DL

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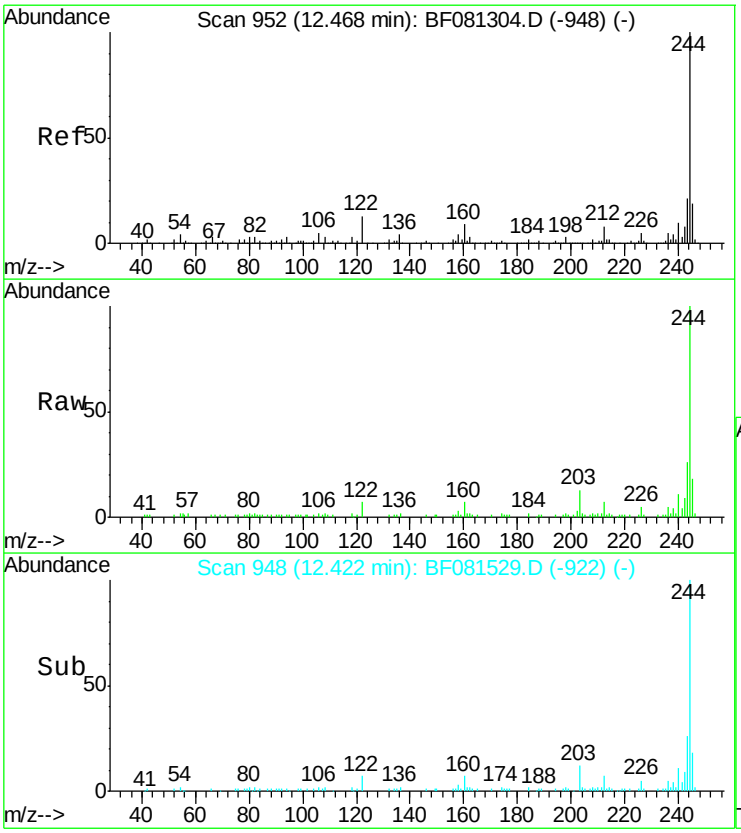
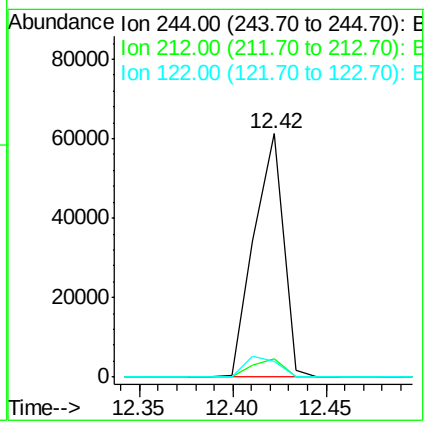
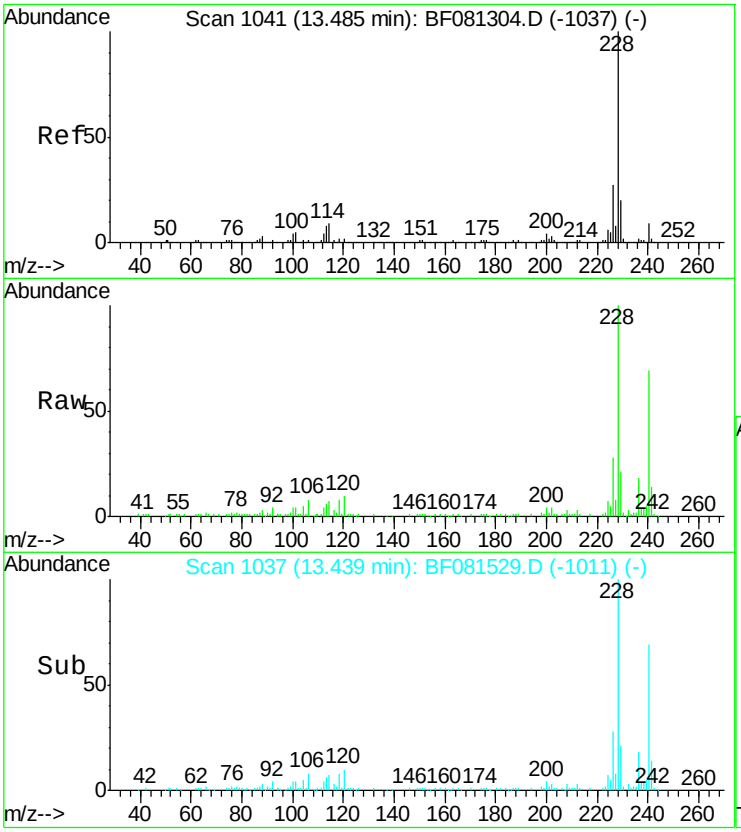


#78
Terphenyl-d14
Concen: 15.97 ng
RT: 12.42 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF081529.D
Acq: 8 Sep 2015 18:47

Tgt Ion:244 Resp: 66781

Ion	Ratio	Lower	Upper
244	100		
212	7.3	4.3	6.5#
122	6.7	17.4	26.2#

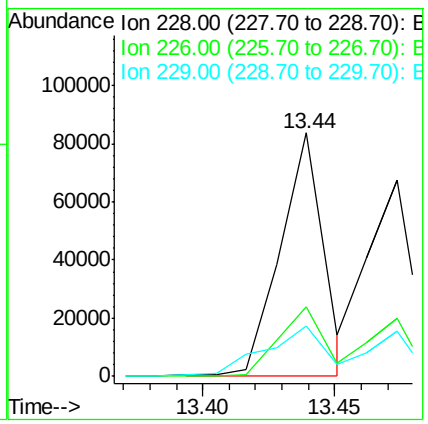




#80
Benzo(a)anthracene
Concen: 15.39 ng m
RT: 13.44 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF081529.D
Acq: 8 Sep 2015 18:47

Tgt Ion:228 Resp: 95408

Ion	Ratio	Lower	Upper
228	100		
226	28.5	20.0	30.0
229	20.7	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
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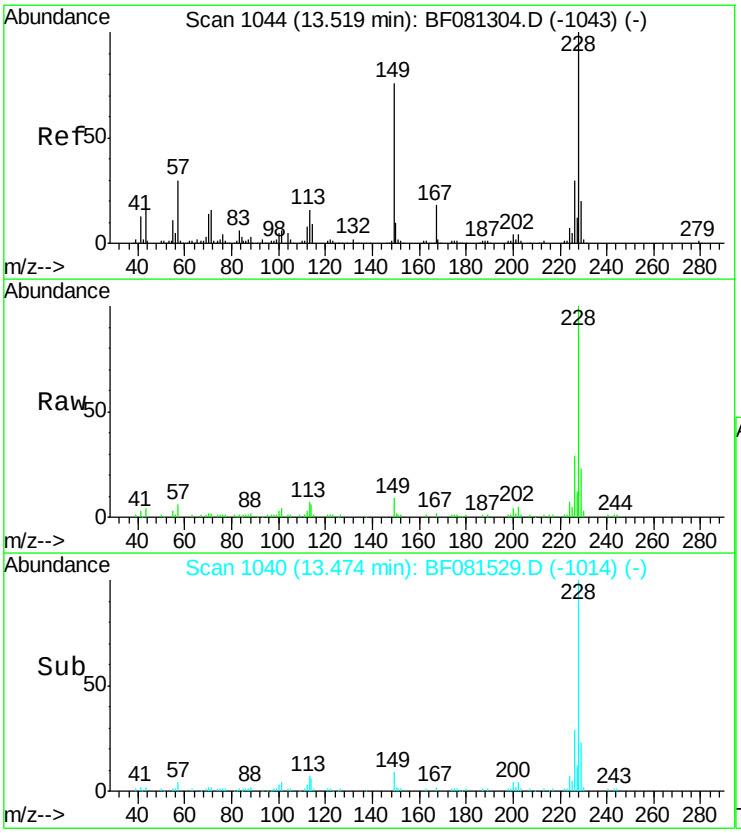
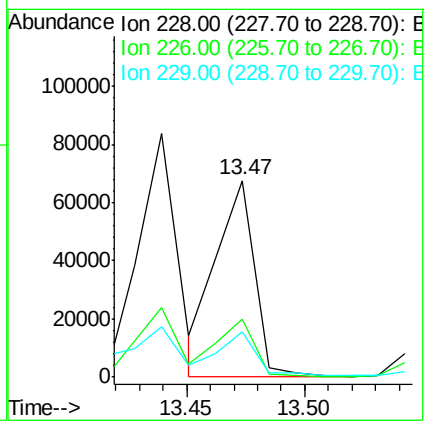
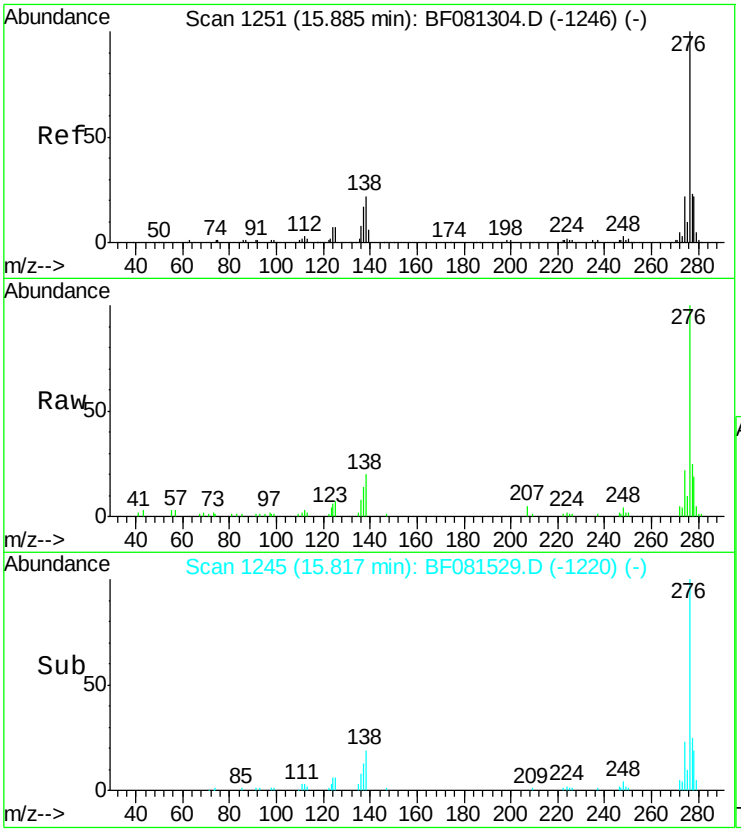


#82
Chrysene
Concen: 14.05 ng m
RT: 13.47 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF081529.D
Acq: 8 Sep 2015 18:47

Tgt Ion:228 Resp: 78077

Ion	Ratio	Lower	Upper
228	100		
226	29.5	21.0	31.4
229	23.0	15.6	23.4

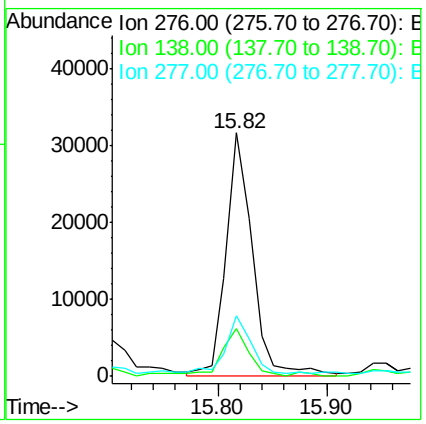




#85
Indeno(1,2,3-cd)pyrene
Concen: 13.02 ng
RT: 15.82 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BF081529.D
Acq: 8 Sep 2015 18:47

Tgt Ion:276 Resp: 53096

Ion	Ratio	Lower	Upper
276	100		
138	21.9	25.7	38.5#
277	27.8	15.6	23.4#



Instrument :
BNA_F
ClientSampleId :
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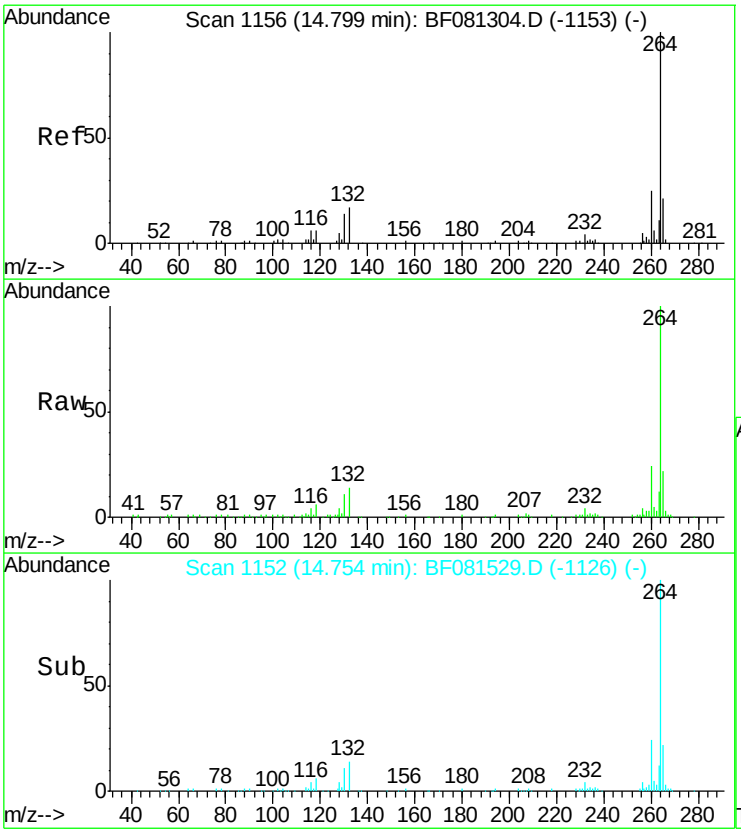
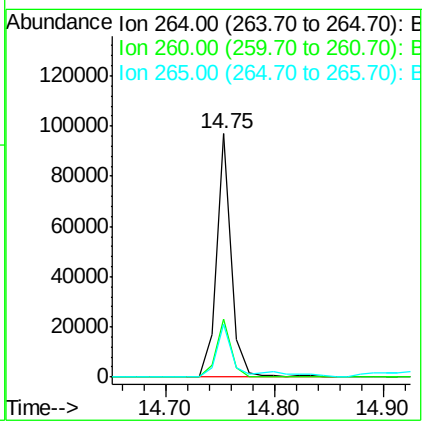
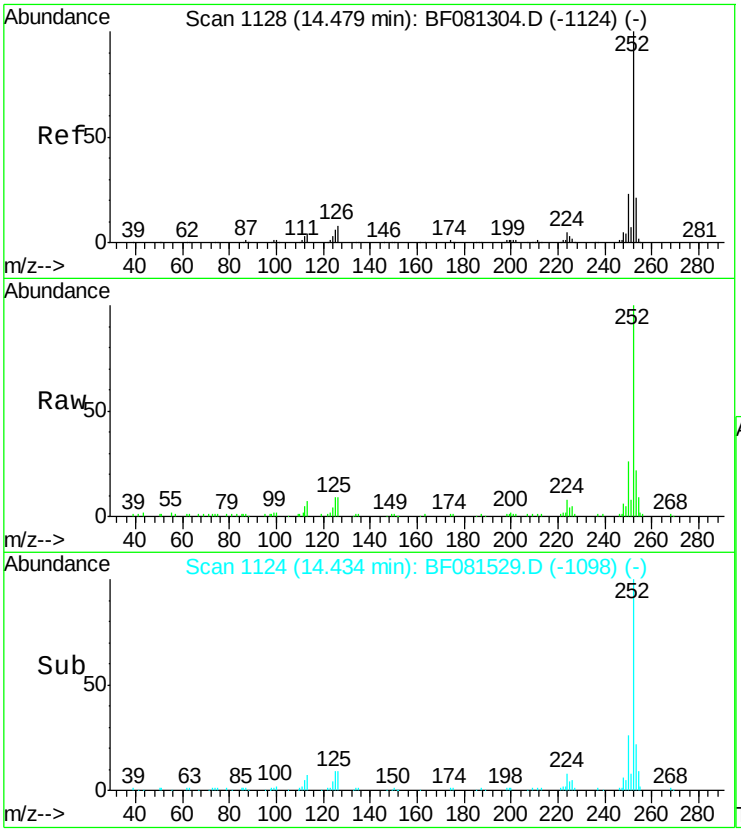


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF081529.D
Acq: 8 Sep 2015 18:47

Tgt Ion:264 Resp: 92149

Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	21.8	17.2	25.8





#87
Benzo(b)fluoranthene
Concen: 13.36 ng m
RT: 14.43 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF081529.D
Acq: 8 Sep 2015 18:47

Tgt Ion:252 Resp: 87861

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	9.3	17.1	25.7#

Instrument :
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ClientSampleId :
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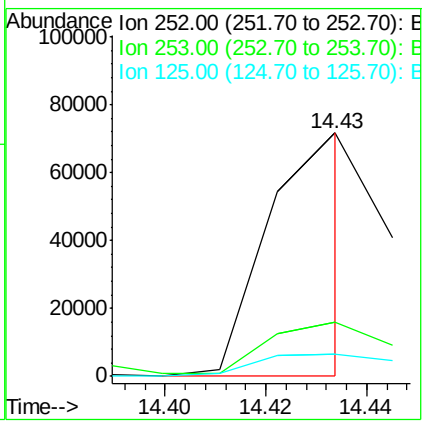
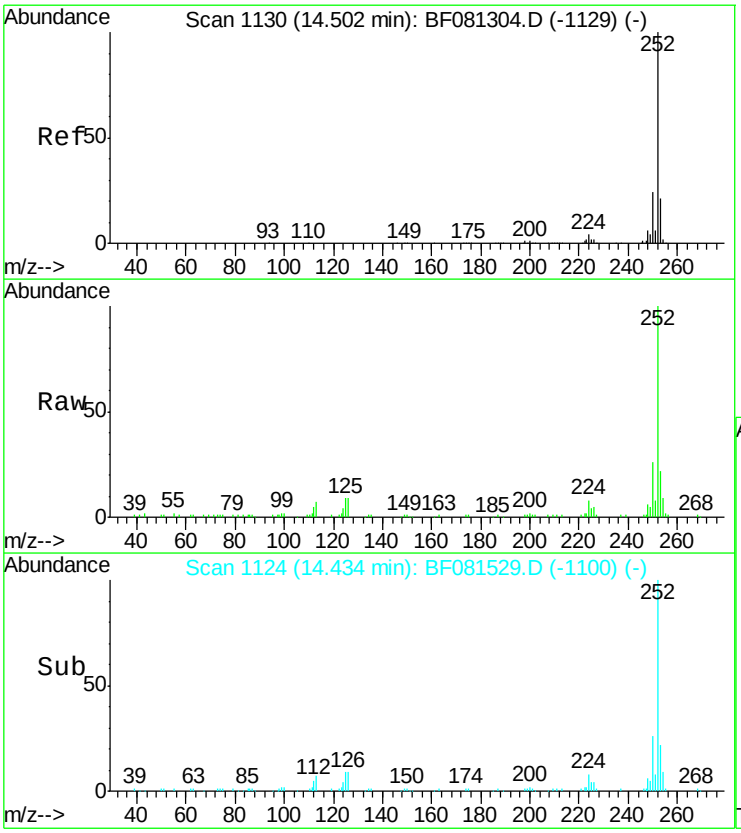
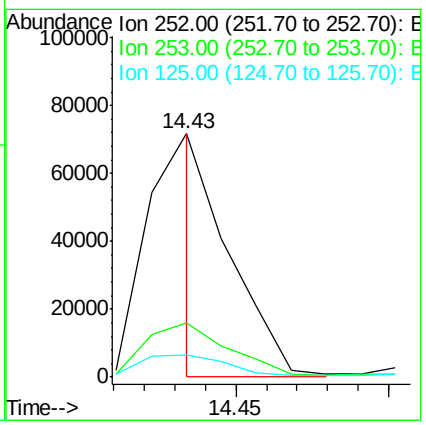


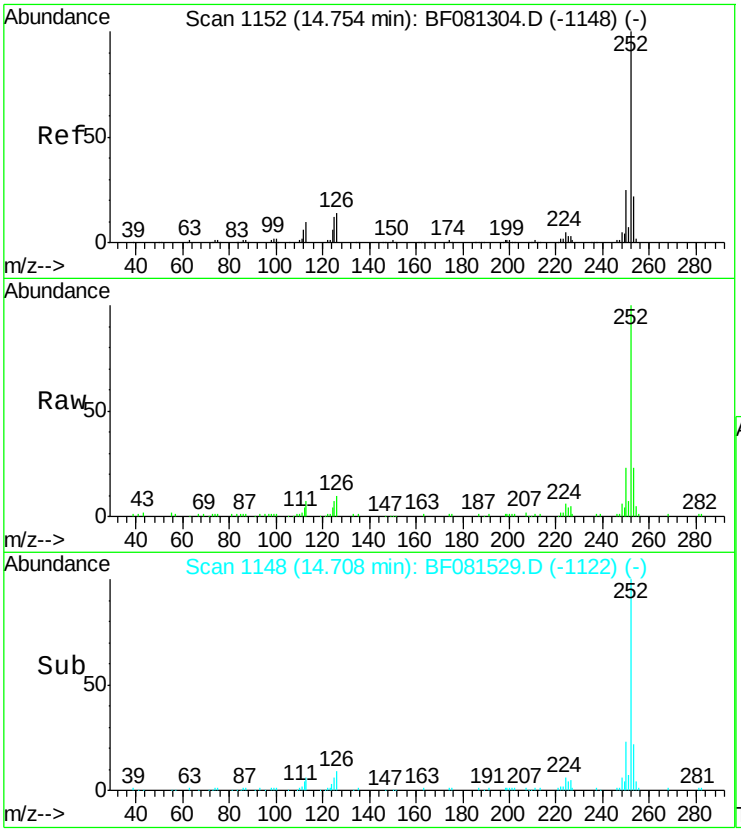


#88
Benzo(k)fluoranthene
Concen: 8.18 ng m
RT: 14.43 min Scan# 1124
Delta R.T. -0.02 min
Lab File: BF081529.D
Acq: 8 Sep 2015 18:47

Tgt Ion:252 Resp: 44679

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.4
125	9.3	16.0	24.0#

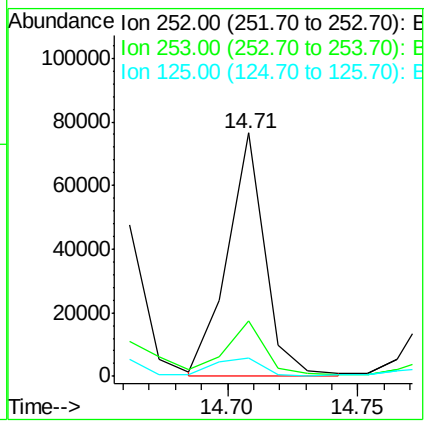




#89
Benzo(a)pyrene
Concen: 13.75 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF081529.D
Acq: 8 Sep 2015 18:47

Tgt Ion:252 Resp: 76634

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	7.3	18.0	27.0#



Instrument :
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ClientSampleId :
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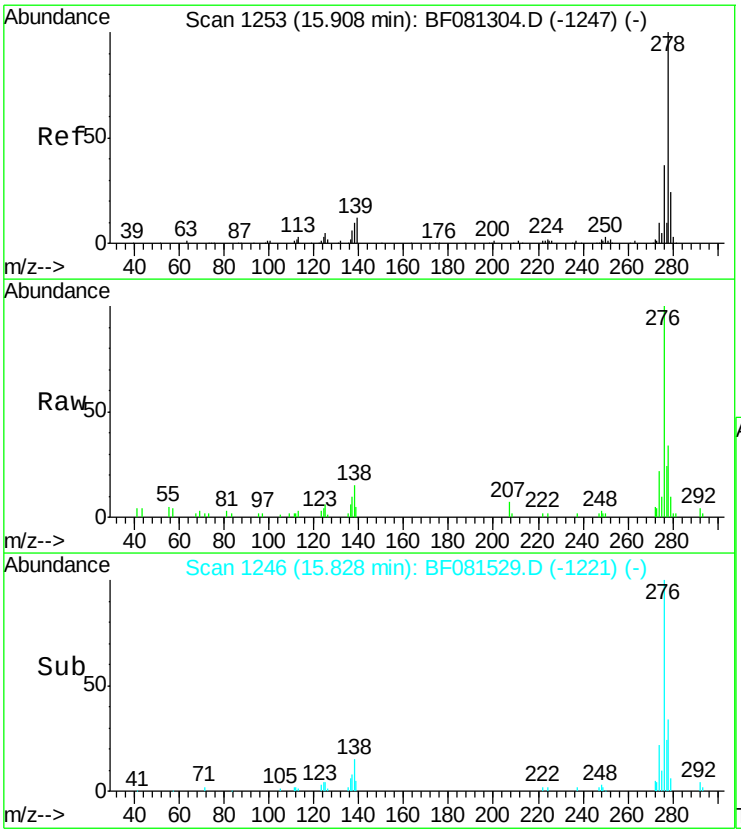
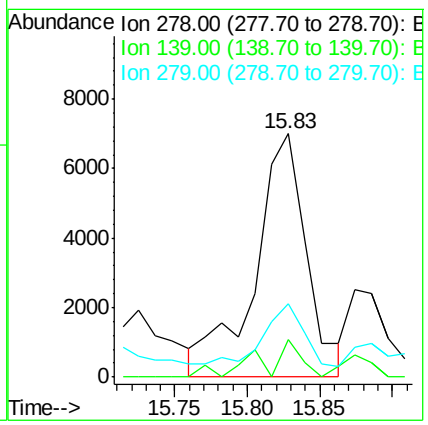
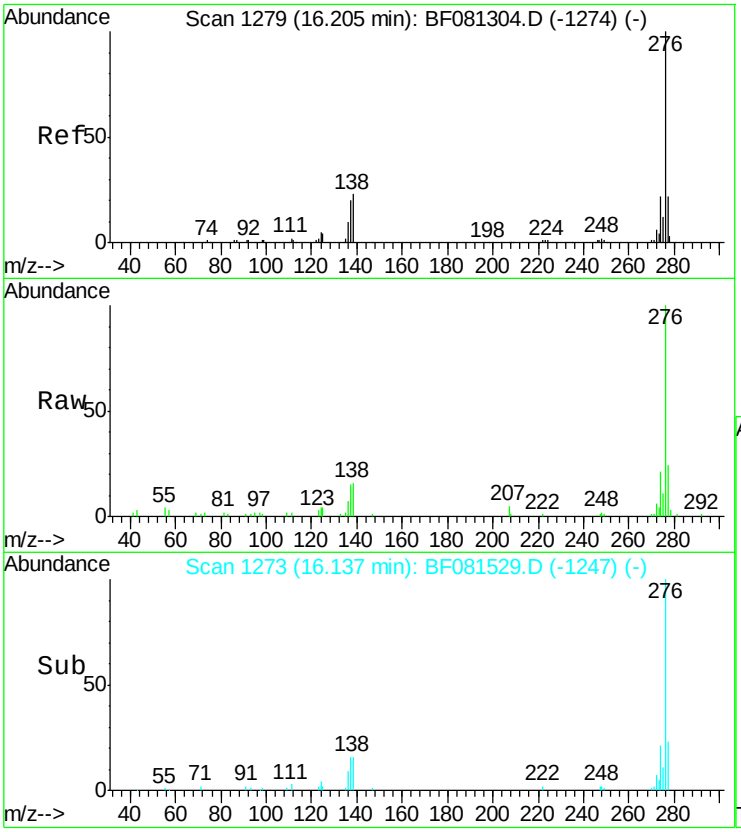


#90
Dibenzo(a,h)anthracene
Concen: 4.03 ng
RT: 15.83 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BF081529.D
Acq: 8 Sep 2015 18:47

Tgt Ion:278 Resp: 17343

Ion	Ratio	Lower	Upper
278	100		
139	15.3	26.3	39.5#
279	30.2	18.2	27.4#

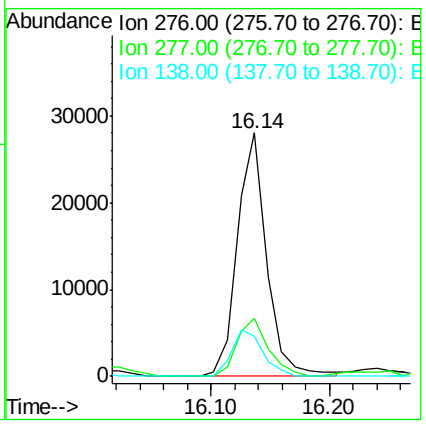




#91
Benzo(g,h,i)perylene
Concen: 11.77 ng
RT: 16.14 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BF081529.D
Acq: 8 Sep 2015 18:47

Tgt Ion:276 Resp: 48409

Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.8	26.6
138	16.2	34.6	51.8#



Instrument :
BNA_F
ClientSampleId :
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