Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113062.D
Acq On : 15 Mar 2019 13:36
Operator : JU/SJ
Sample : K1908-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-02

Manual Integrations APPROVED
Sohil
3/18/2019 2:59:27 PM

Quant Time: Mar 15 23:08:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	158430	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	603348	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	294564	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	620033	20.00	ng	0.00
76) Chrysene-d12	13.86	240	517000	20.00	ng	0.00
87) Perylene-d12	15.27	264	511845	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1092500	107.27	ng	0.00
7) Phenol-d6	6.37	99	1428421	111.65	ng	0.00
23) Nitrobenzene-d5	7.29	82	859411	85.23	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	461629	147.62	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1449832	80.39	ng	0.00
79) Terphenyl-d14	12.82	244	1672196	62.70	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.39	94	33531	2.246	ng	91
50) Dimethylphthalate	9.47	163	109620	5.047	ng	99
52) Acenaphthene	9.79	154	42927	2.305	ng	99
58) Fluorene	10.30	166	80756	4.203	ng	100
71) Phenanthrene	11.26	178	849164	27.526	ng	99
72) Anthracene	11.31	178	257498	7.974	ng	97
73) Carbazole	11.46	167	69752	2.214	ng	99
75) Fluoranthene	12.45	202	1042667	31.547	ng	95
78) Pyrene	12.67	202	882448	20.247	ng	99
81) Benzo(a)anthracene	13.86	228	403357	11.257	ng	96
83) Chrysene	13.89	228	366733	10.449	ng	97
86) Indeno(1,2,3-cd)pyrene	16.63	276	210496m	7.035	ng	
88) Benzo(b)fluoranthene	14.87	252	439080m	13.262	ng	
89) Benzo(k)fluoranthene	14.90	252	117082m	3.904	ng	
90) Benzo(a)pyrene	15.22	252	315168	10.762	ng	98
91) Dibenzo(a,h)anthracene	16.64	278	51538m	2.062	ng	
92) Benzo(g,h,i)perylene	17.04	276	191977	7.651	ng	95

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

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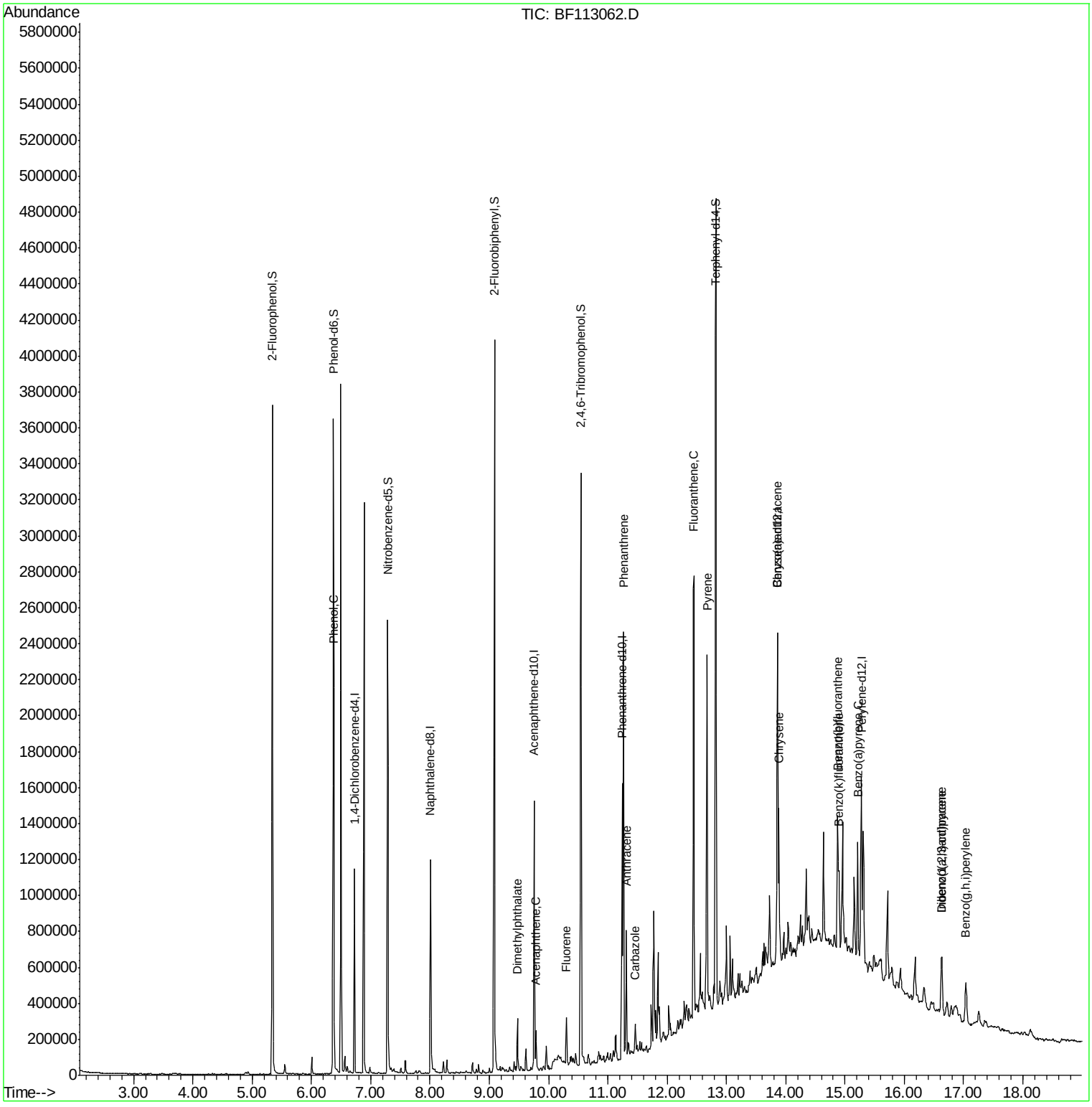
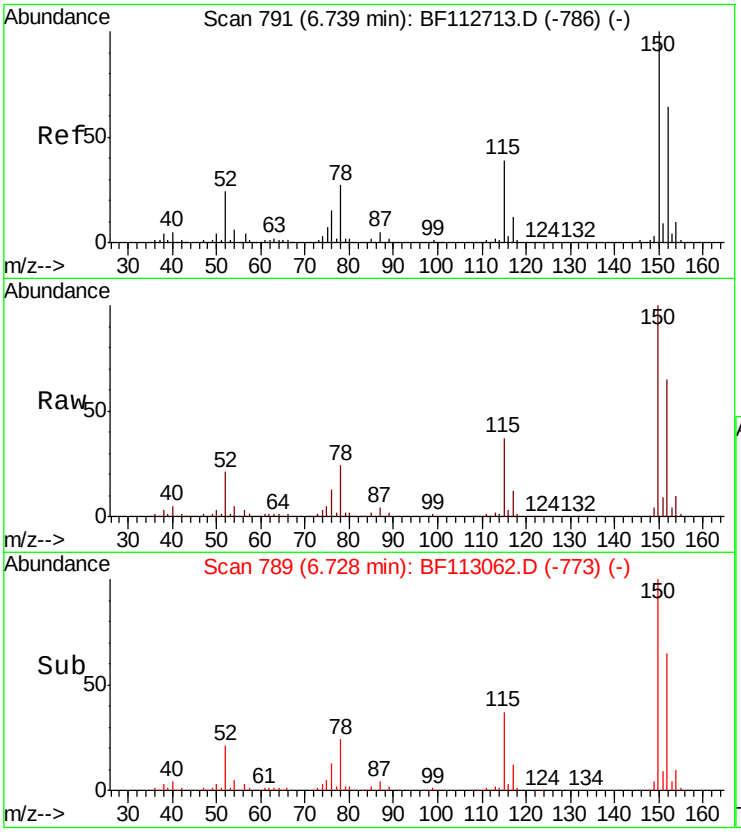
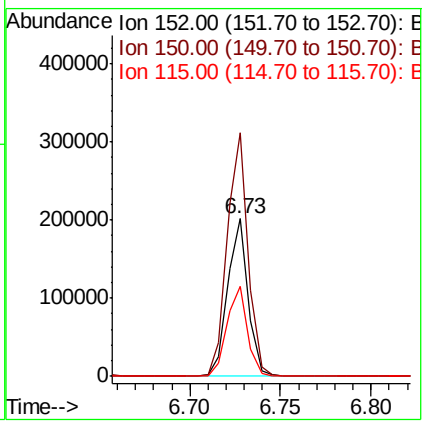




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113062.D
Acq: 15 Mar 2019 13:36

Tgt Ion:152 Resp: 158430

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.2	186.2
115	57.2	48.2	72.4



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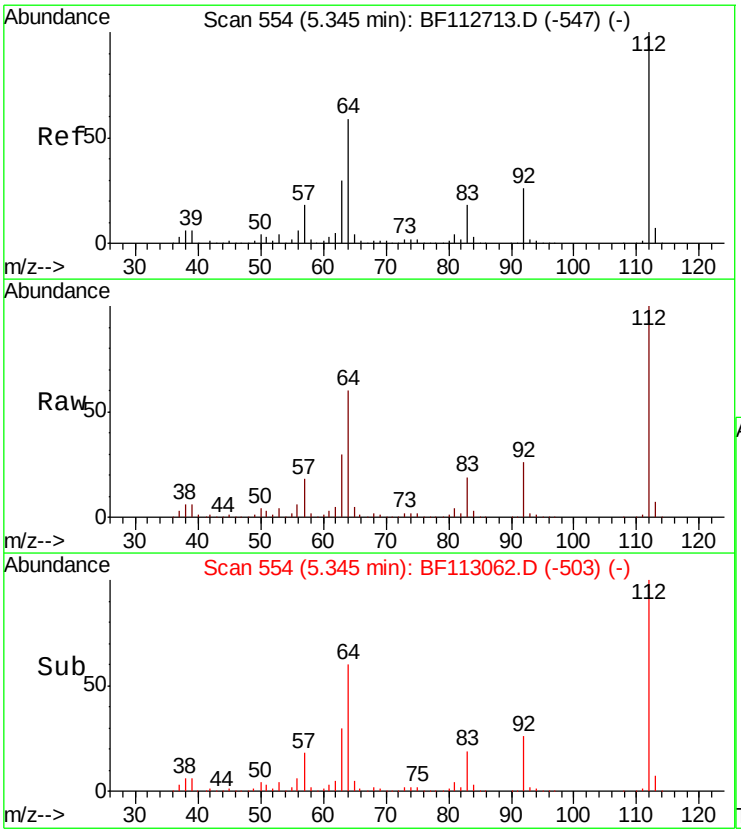
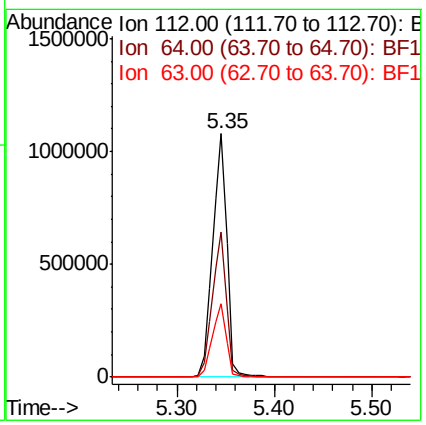
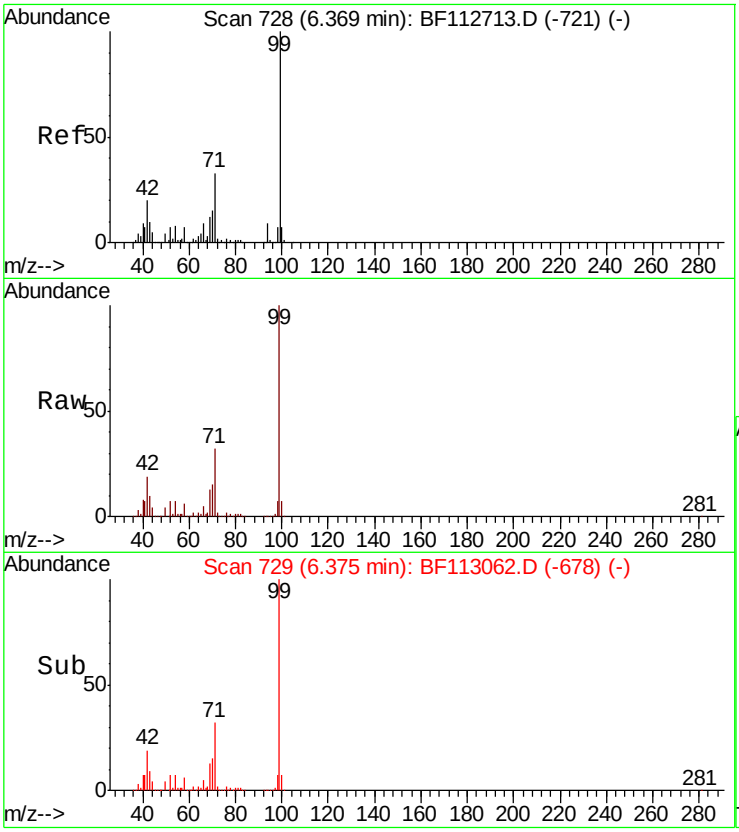


#5
2-Fluorophenol
Concen: 107.267 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113062.D
Acq: 15 Mar 2019 13:36

Tgt Ion:112 Resp: 1092500

Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.6	71.4
63	30.3	24.4	36.6

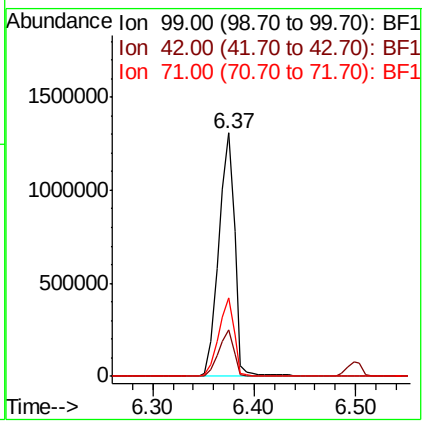




#7
Phenol-d6
Concen: 111.649 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF113062.D
Acq: 15 Mar 2019 13:36

Tgt Ion: 99 Resp: 1428421

Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.3	24.5
71	32.4	26.2	39.4



Instrument :
BNA_F
ClientSampleId :
MH-02

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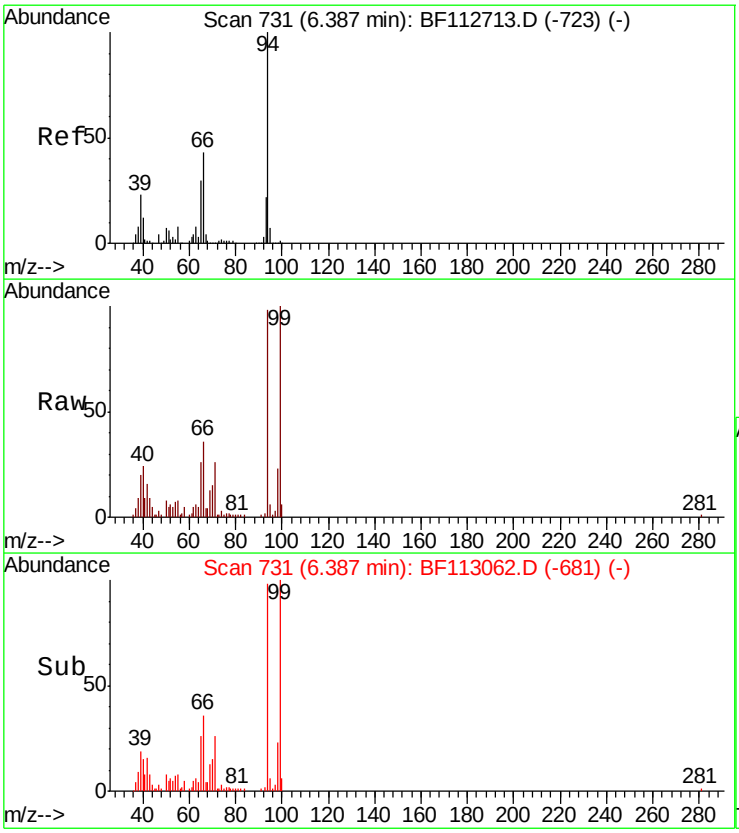
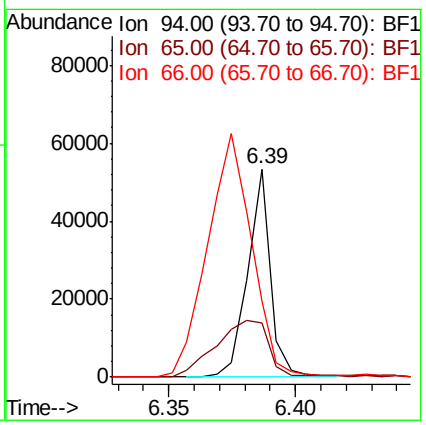
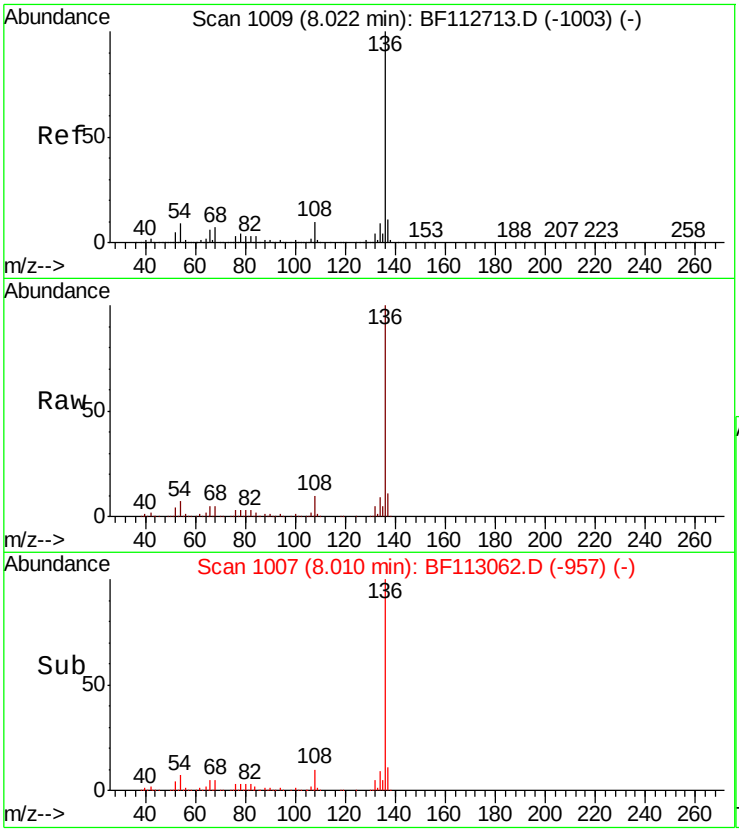


#10
Phenol
Concen: 2.246 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF113062.D
Acq: 15 Mar 2019 13:36

Tgt Ion: 94 Resp: 33531

Ion	Ratio	Lower	Upper
94	100		
65	26.1	10.5	50.5
66	36.4	22.6	62.6

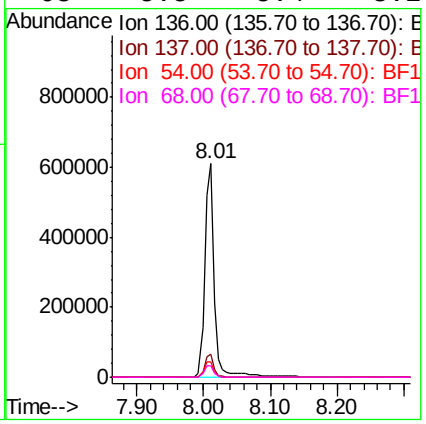




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113062.D
Acq: 15 Mar 2019 13:36

Tgt Ion:136 Resp: 603348

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.2	7.3	10.9#
68	5.5	5.4	8.2



Instrument :
BNA_F
ClientSampleId :
MH-02

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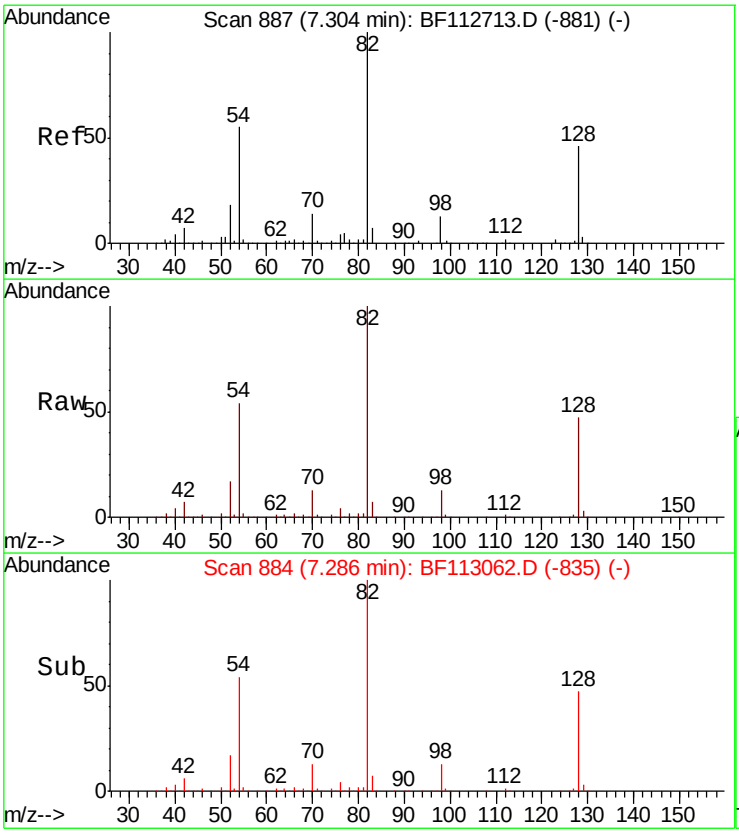
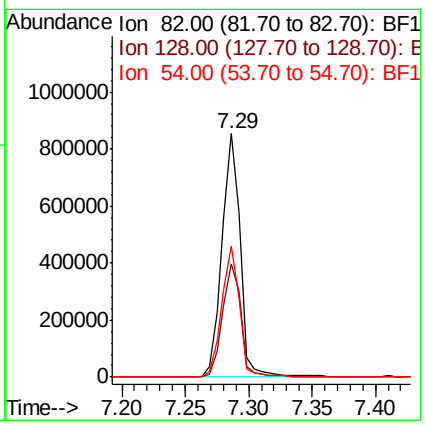
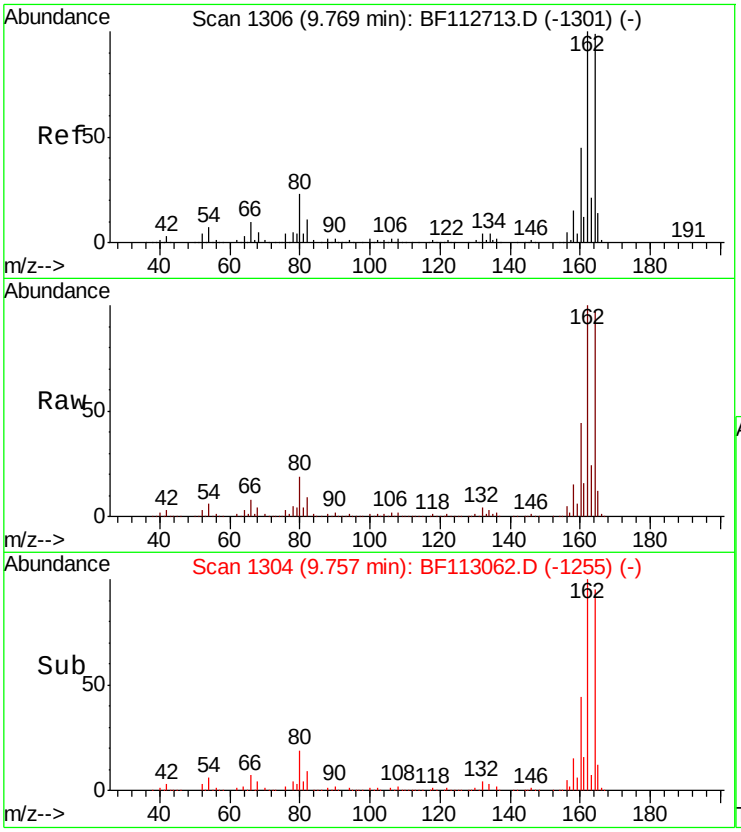


#23
Nitrobenzene-d5
Concen: 85.233 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113062.D
Acq: 15 Mar 2019 13:36

Tgt Ion: 82 Resp: 859411

Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.3	54.5
54	53.6	43.7	65.5

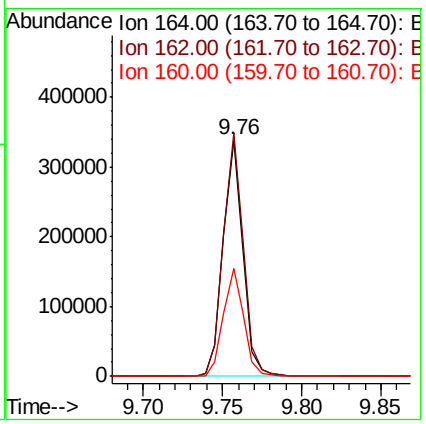




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113062.D
Acq: 15 Mar 2019 13:36

Tgt Ion:164 Resp: 294564

Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.6	120.8
160	45.4	36.0	54.0



Instrument :
BNA_F
ClientSampleId :
MH-02

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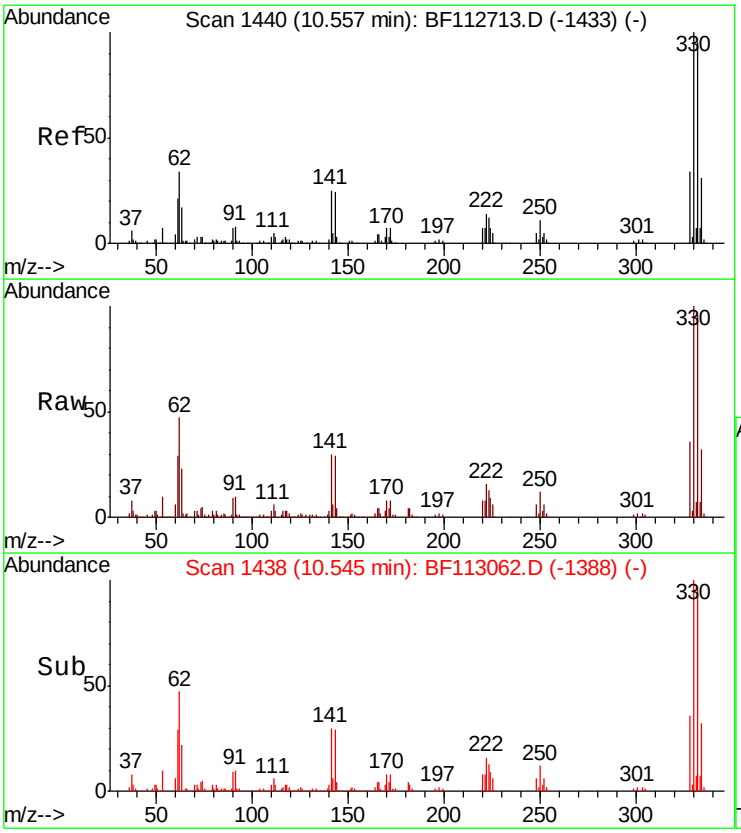
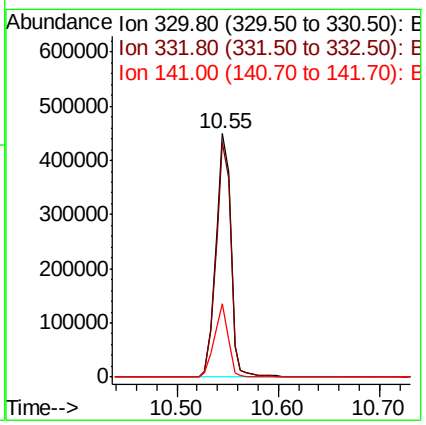
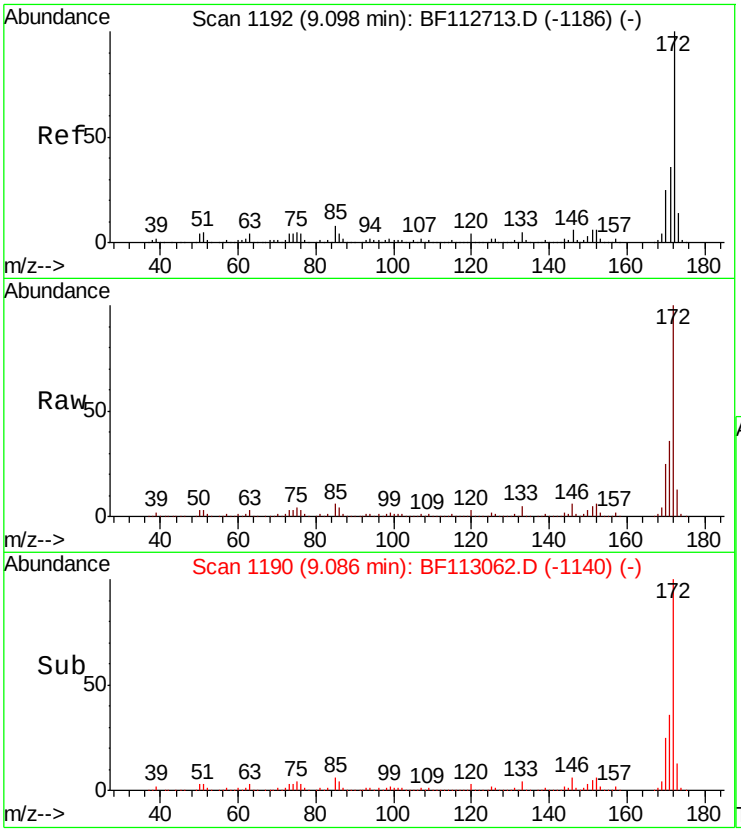


#42
2,4,6-Tribromophenol
Concen: 147.619 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113062.D
Acq: 15 Mar 2019 13:36

Tgt Ion:330 Resp: 461629

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.2	114.4
141	28.3	27.0	40.6

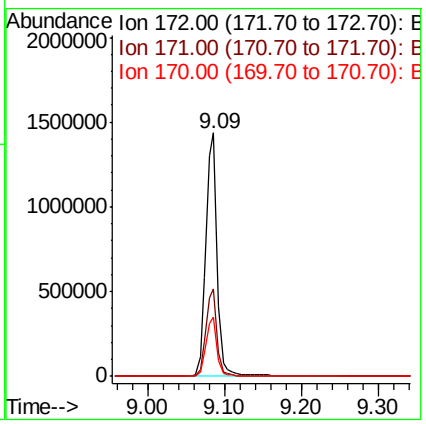




#45
2-Fluorobiphenyl
Concen: 80.386 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113062.D
Acq: 15 Mar 2019 13:36

Tgt Ion:172 Resp: 1449832

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.6	20.0	30.0



Instrument :
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ClientSampleId :
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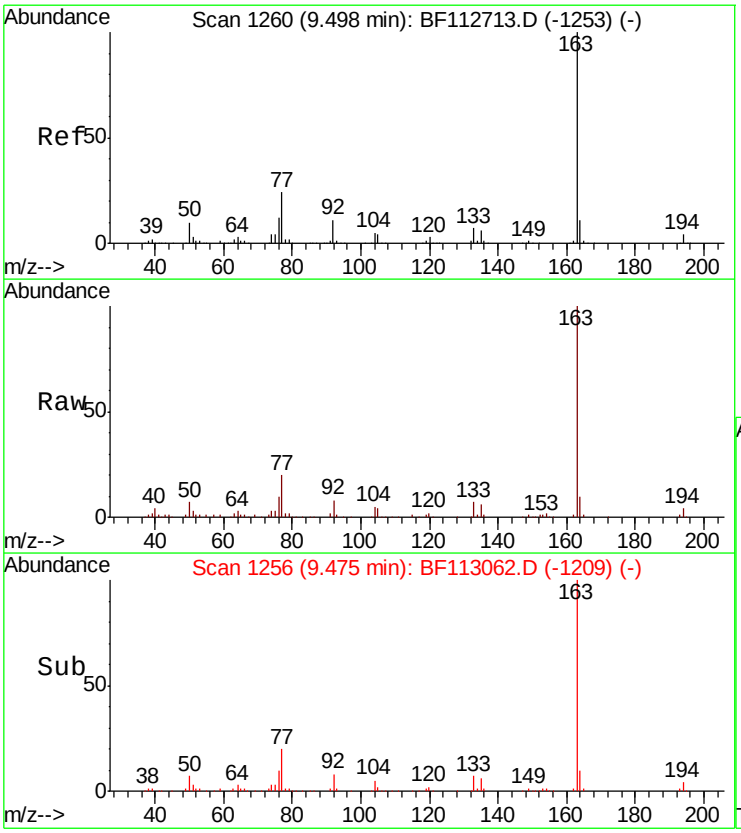
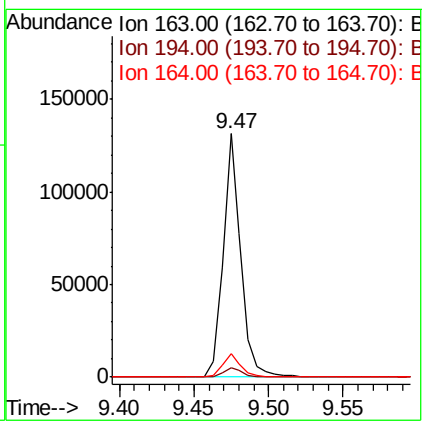
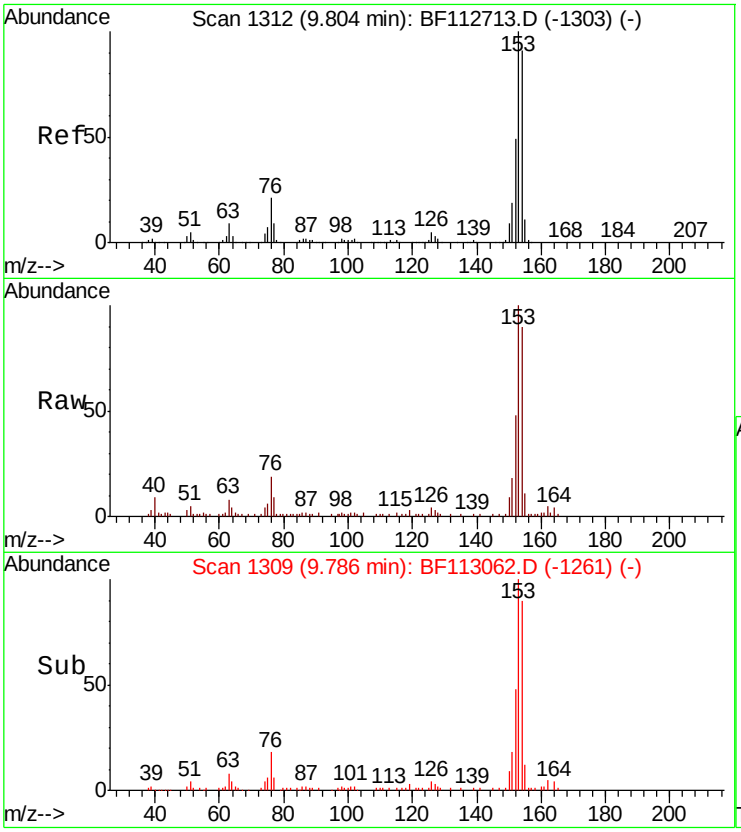


#50
Dimethylphthalate
Concen: 5.047 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113062.D
Acq: 15 Mar 2019 13:36

Tgt Ion:163 Resp: 109620

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	9.9	8.4	12.6

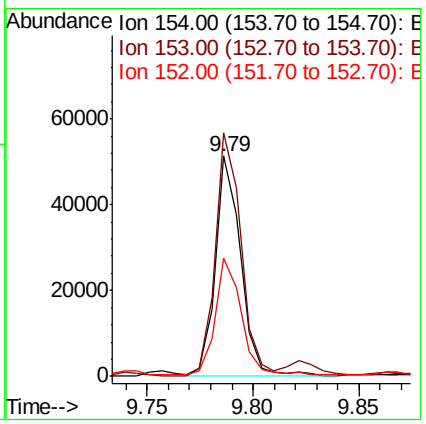




#52
Acenaphthene
Concen: 2.305 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF113062.D
Acq: 15 Mar 2019 13:36

Tgt Ion:154 Resp: 42927

Ion	Ratio	Lower	Upper
154	100		
153	110.7	87.8	131.8
152	53.4	43.0	64.6



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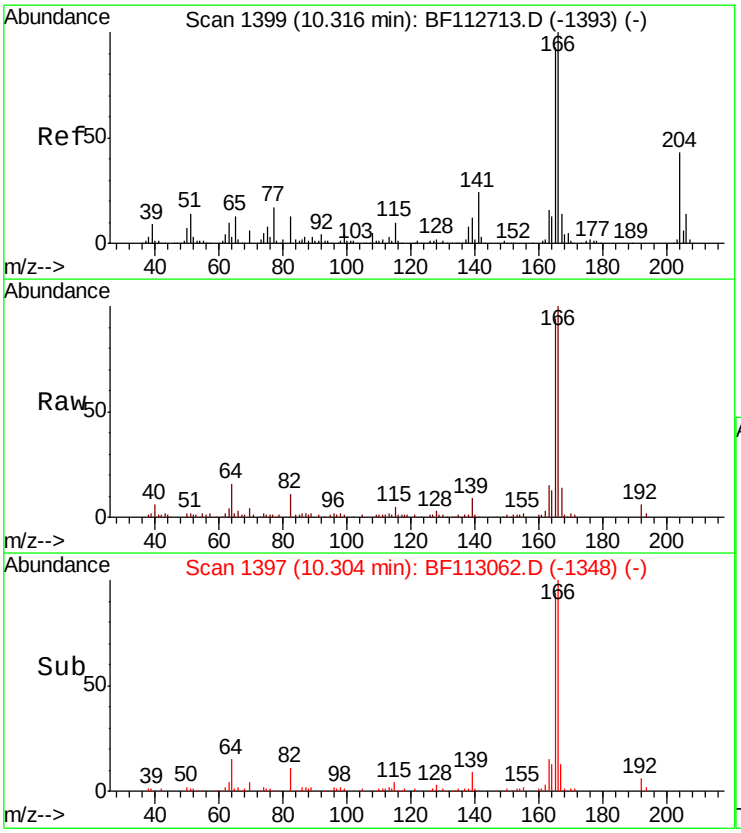
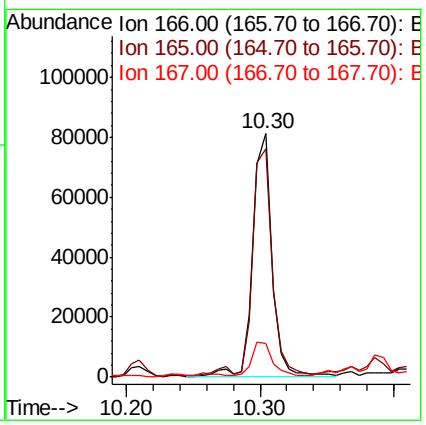
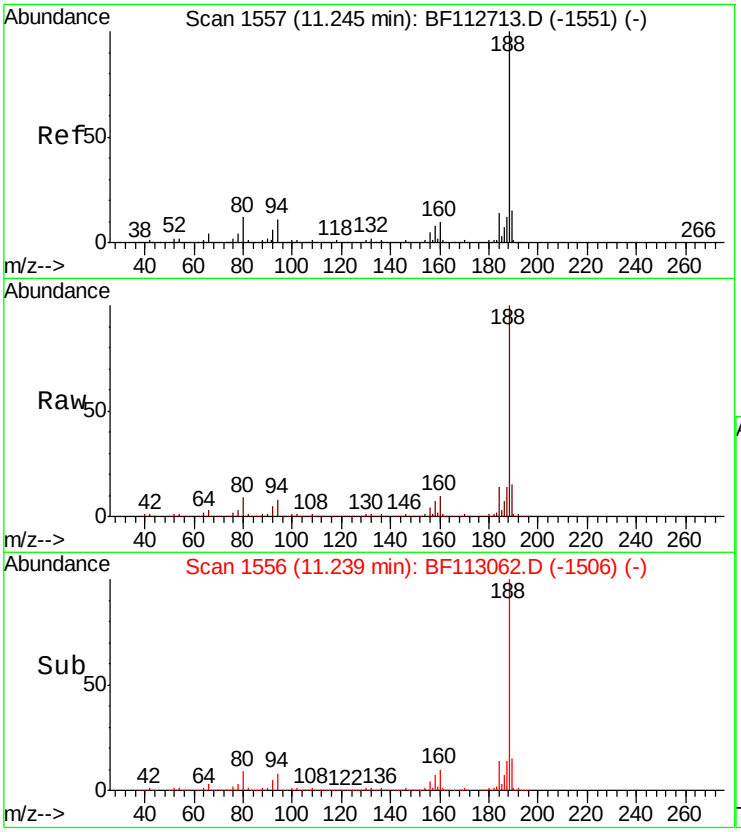


#58
Fluorene
Concen: 4.203 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF113062.D
Acq: 15 Mar 2019 13:36

Tgt Ion:166 Resp: 80756

Ion	Ratio	Lower	Upper
166	100		
165	93.8	74.7	112.1
167	13.8	11.0	16.6

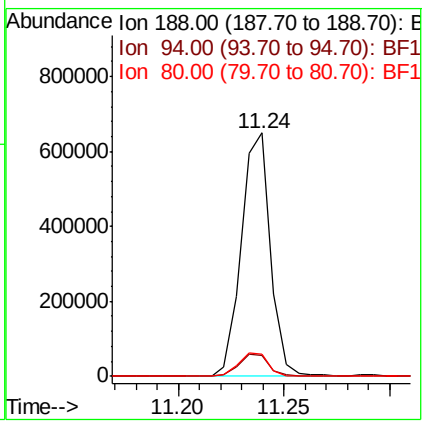




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113062.D
Acq: 15 Mar 2019 13:36

Tgt Ion:188 Resp: 620033

Ion	Ratio	Lower	Upper
188	100		
94	8.4	9.0	13.4#
80	9.0	9.2	13.8#



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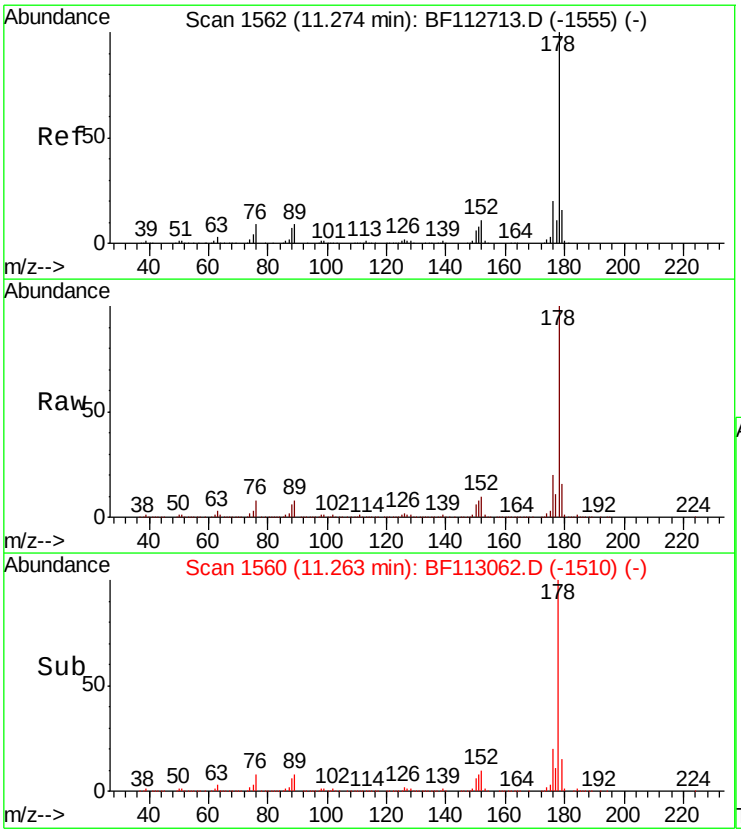
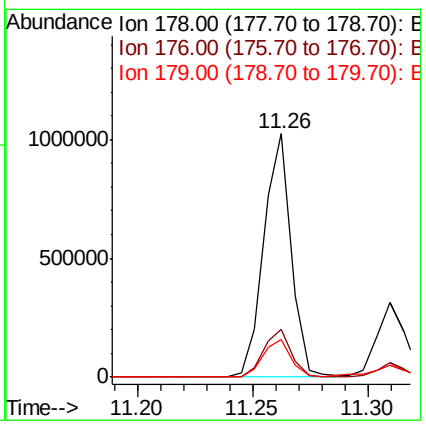
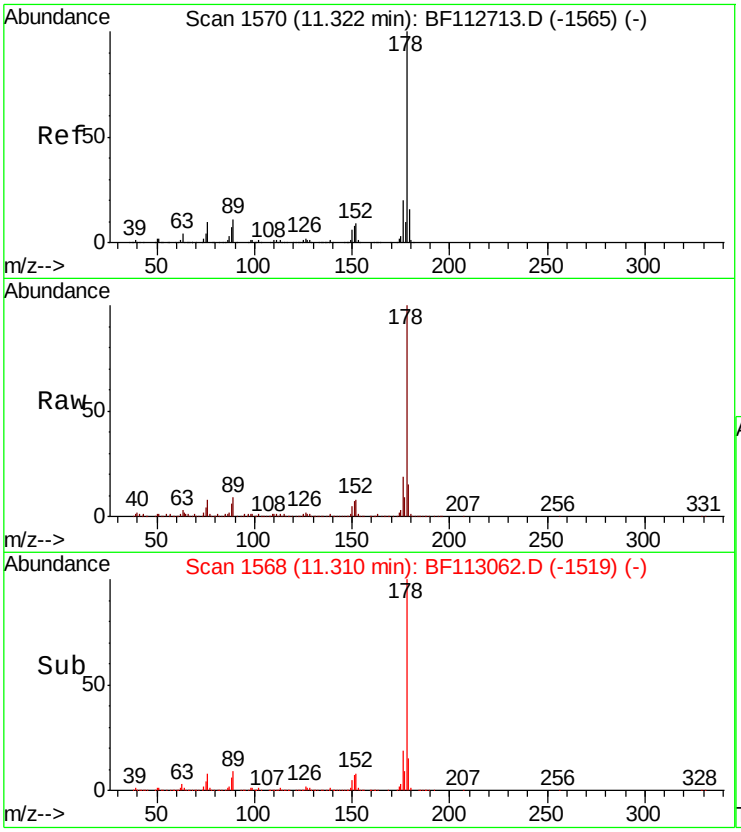


#71
Phenanthrene
Concen: 27.526 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF113062.D
Acq: 15 Mar 2019 13:36

Tgt Ion:178 Resp: 849164

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.3	24.5
179	15.5	12.7	19.1

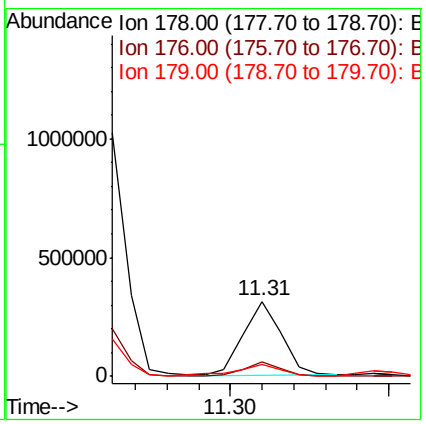




#72
Anthracene
Concen: 7.974 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF113062.D
Acq: 15 Mar 2019 13:36

Tgt Ion:178 Resp: 257498

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.6
179	15.2	13.0	19.6



Instrument :
BNA_F
ClientSampleId :
MH-02

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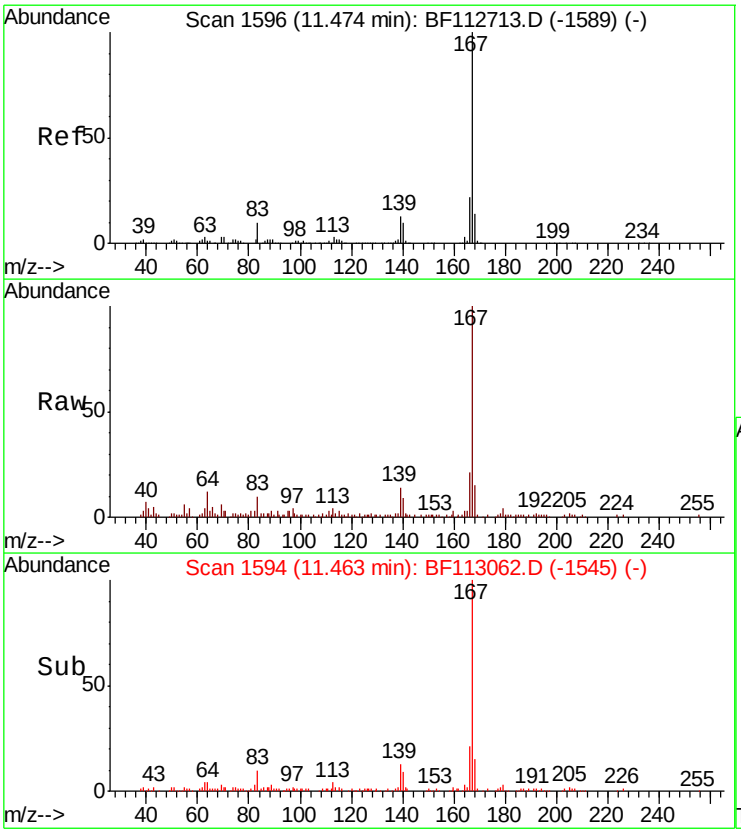
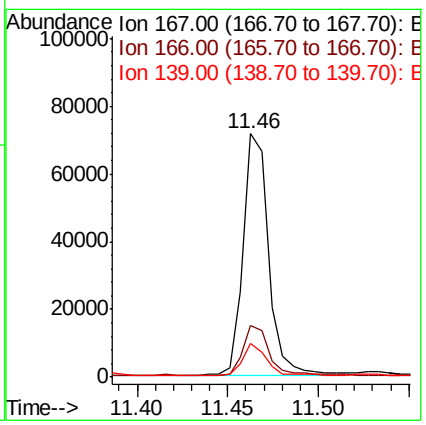
3/18/2019 2:59:27 PM

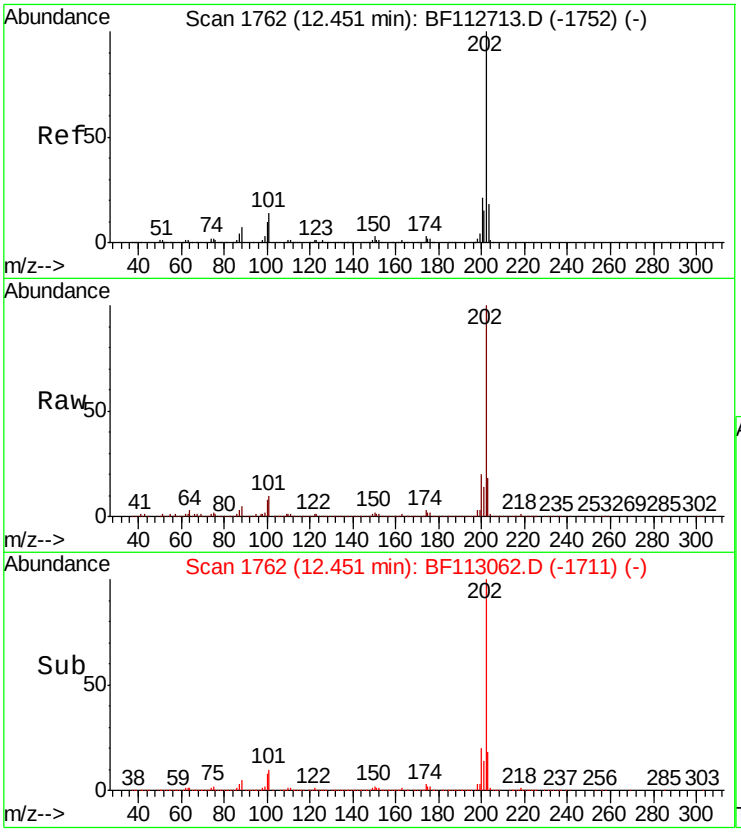


#73
Carbazole
Concen: 2.214 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF113062.D
Acq: 15 Mar 2019 13:36

Tgt Ion:167 Resp: 69752

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.5	26.3
139	13.8	10.8	16.2

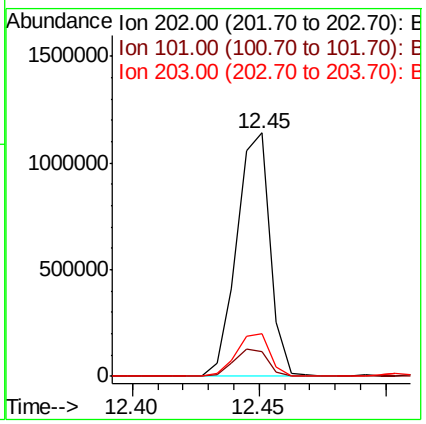




#75
Fluoranthene
Concen: 31.547 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BF113062.D
Acq: 15 Mar 2019 13:36

Tgt Ion:202 Resp: 1042667

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	33.8
203	17.8	0.0	38.4



Instrument :
BNA_F
ClientSampleId :
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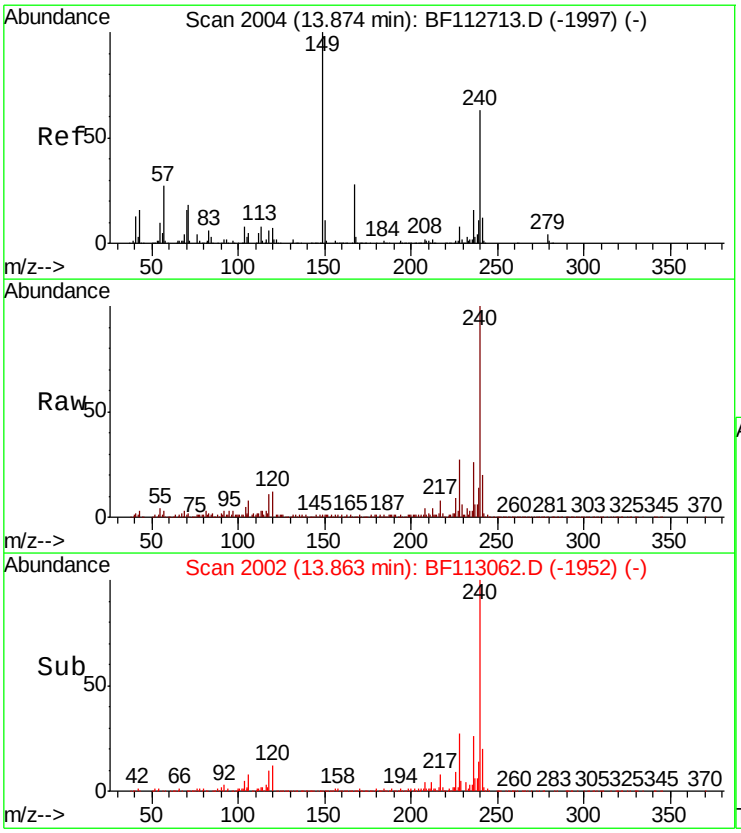
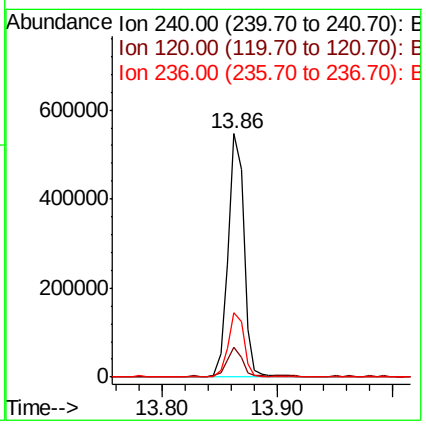
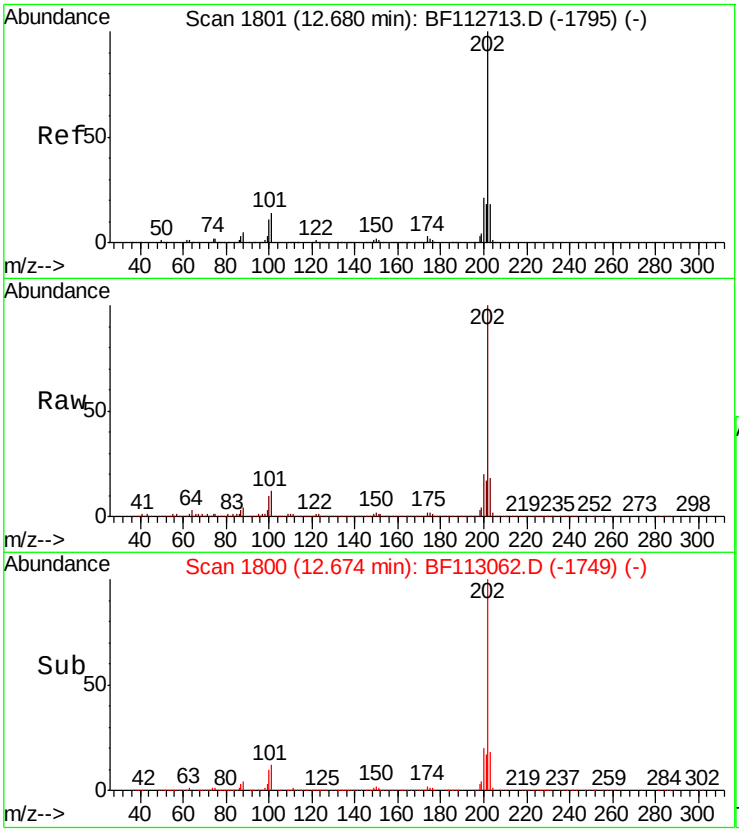


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113062.D
Acq: 15 Mar 2019 13:36

Tgt Ion:240 Resp: 517000

Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.9	13.3
236	26.5	20.7	31.1

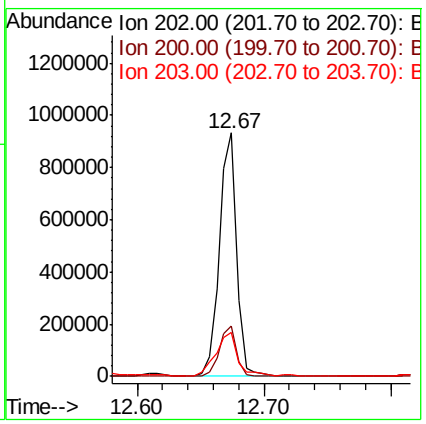




#78
Pyrene
Concen: 20.247 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BF113062.D
Acq: 15 Mar 2019 13:36

Tgt Ion:202 Resp: 882448

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.0	25.4
203	17.9	14.4	21.6



Instrument :
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ClientSampleId :
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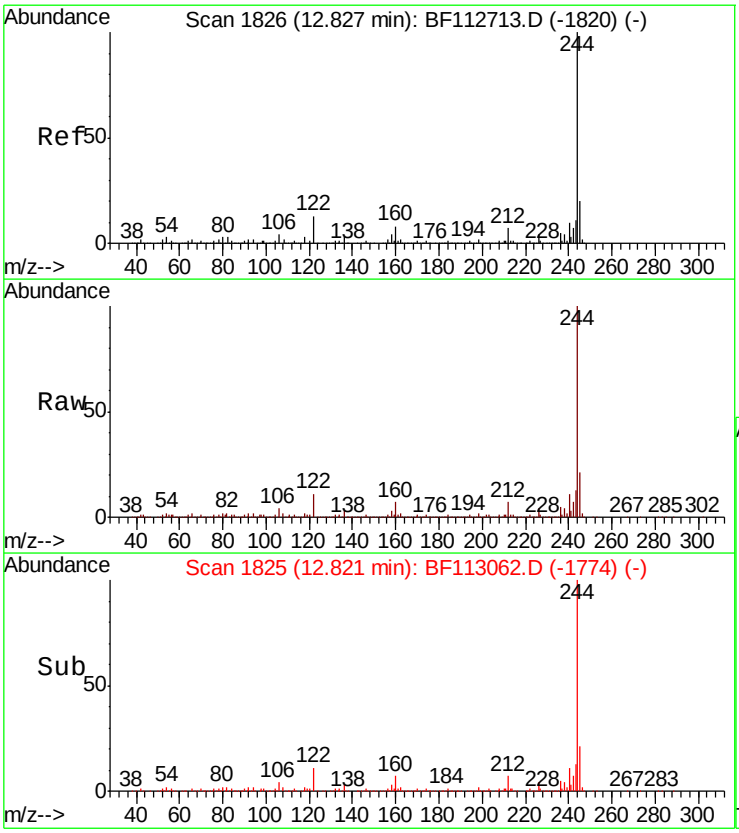
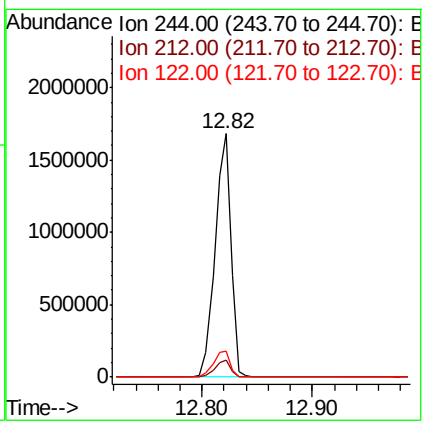
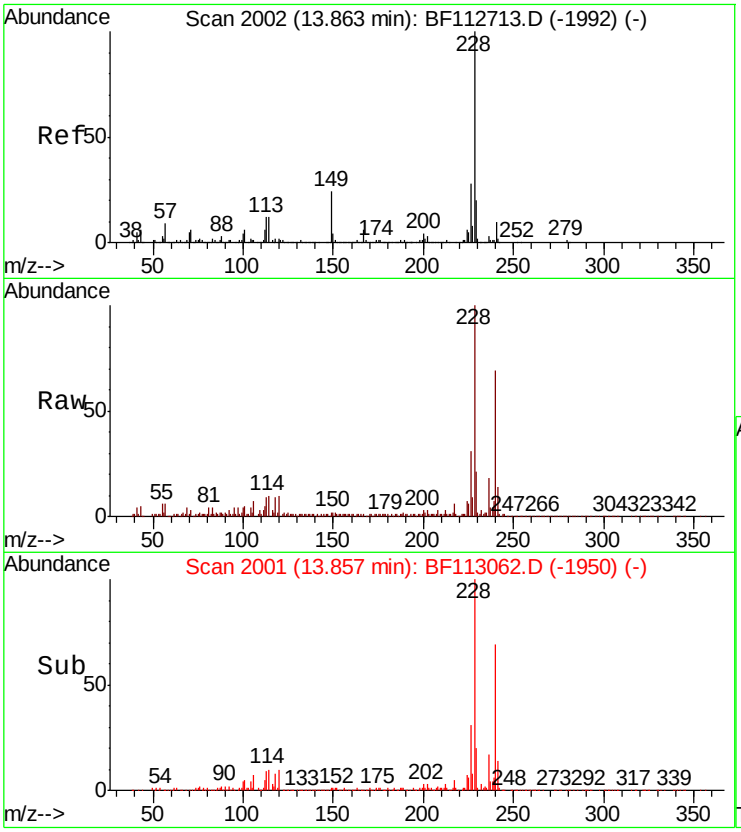


#79
Terphenyl-d14
Concen: 62.699 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF113062.D
Acq: 15 Mar 2019 13:36

Tgt Ion:244 Resp: 1672196

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.9	10.5	15.7

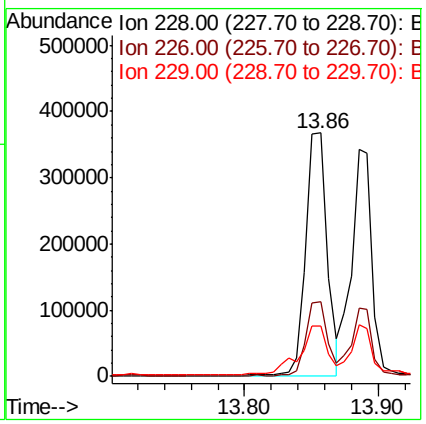




#81
Benzo(a)anthracene
Concen: 11.257 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF113062.D
Acq: 15 Mar 2019 13:36

Tgt Ion:228 Resp: 403357

Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.2	33.4
229	20.9	16.0	24.0



Instrument :
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ClientSampleId :
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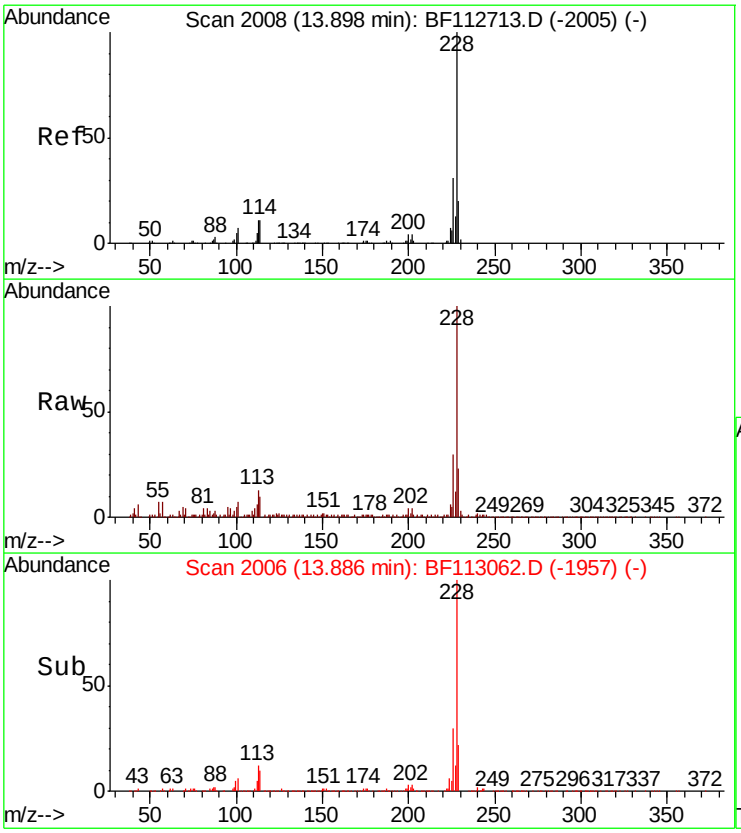
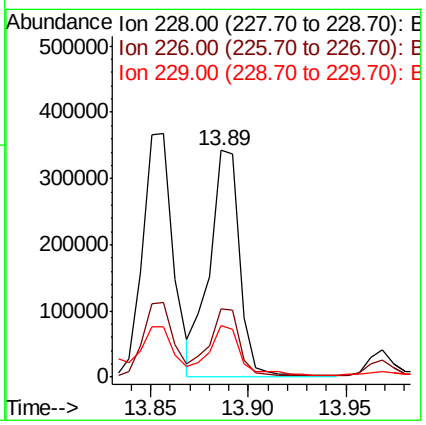
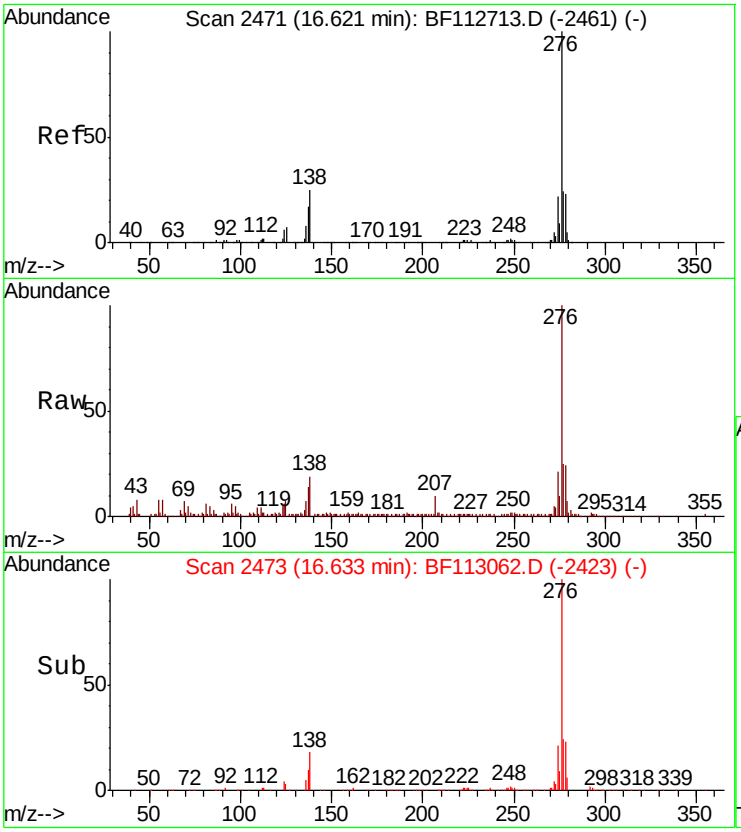


#83
Chrysene
Concen: 10.449 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF113062.D
Acq: 15 Mar 2019 13:36

Tgt Ion:228 Resp: 366733

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	22.6	16.3	24.5

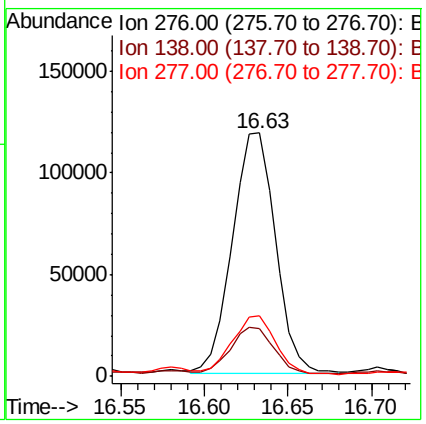




#86
Indeno(1,2,3-cd)pyrene
Concen: 7.035 ng m
RT: 16.63 min Scan# 2473
Delta R.T. -0.01 min
Lab File: BF113062.D
Acq: 15 Mar 2019 13:36

Tgt Ion:276 Resp: 210496

Ion	Ratio	Lower	Upper
276	100		
138	4.5	23.2	34.8#
277	4.4	19.9	29.9#



Instrument :
BNA_F
ClientSampleId :
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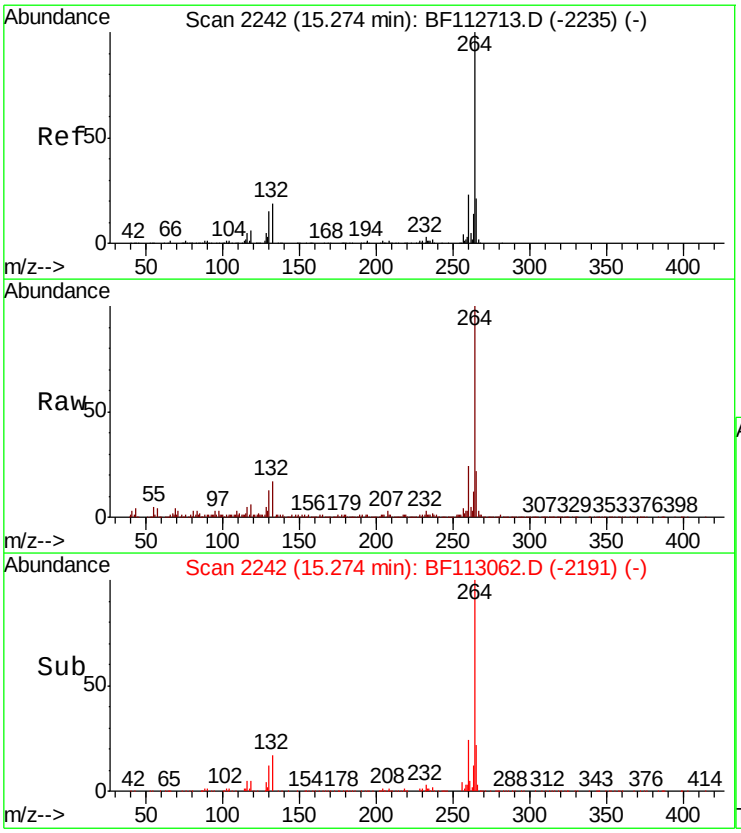
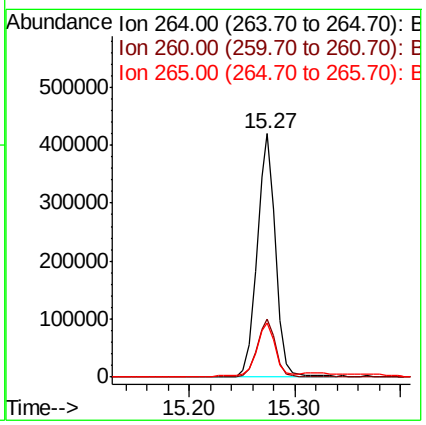
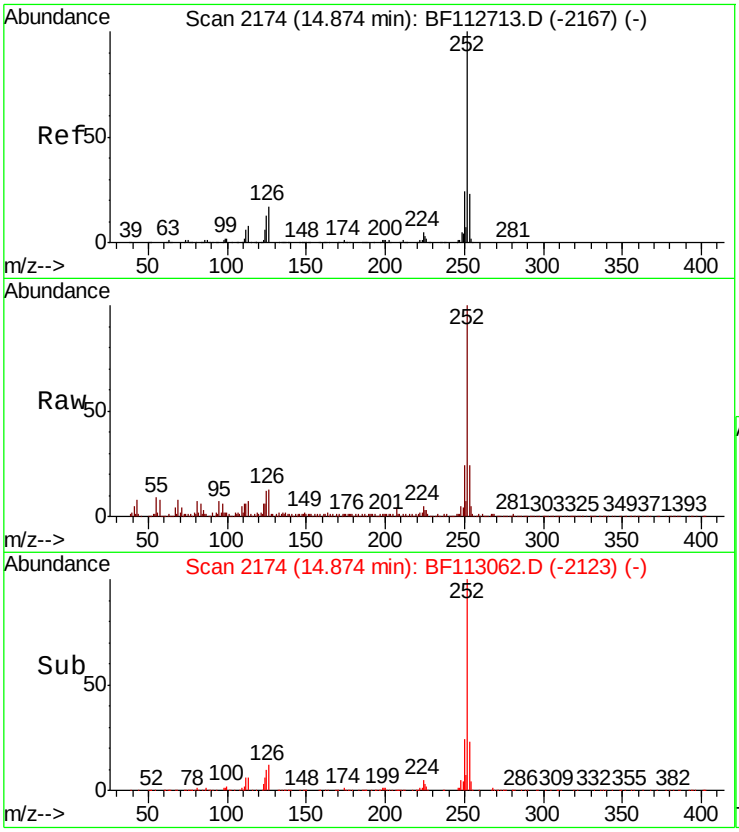


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113062.D
Acq: 15 Mar 2019 13:36

Tgt Ion:264 Resp: 511845

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	22.3	17.2	25.8

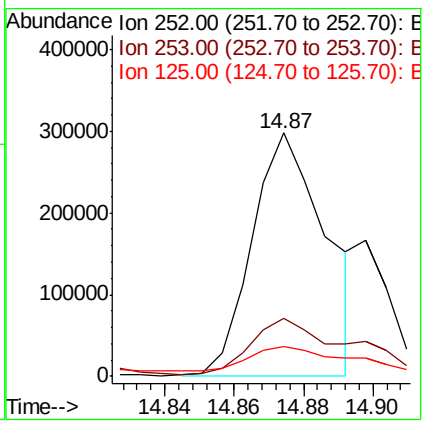




#88
Benzo(b)fluoranthene
Concen: 13.262 ng m
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF113062.D
Acq: 15 Mar 2019 13:36

Tgt Ion:252 Resp: 439080

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	12.1	10.2	15.2



Instrument :
BNA_F
ClientSampleId :
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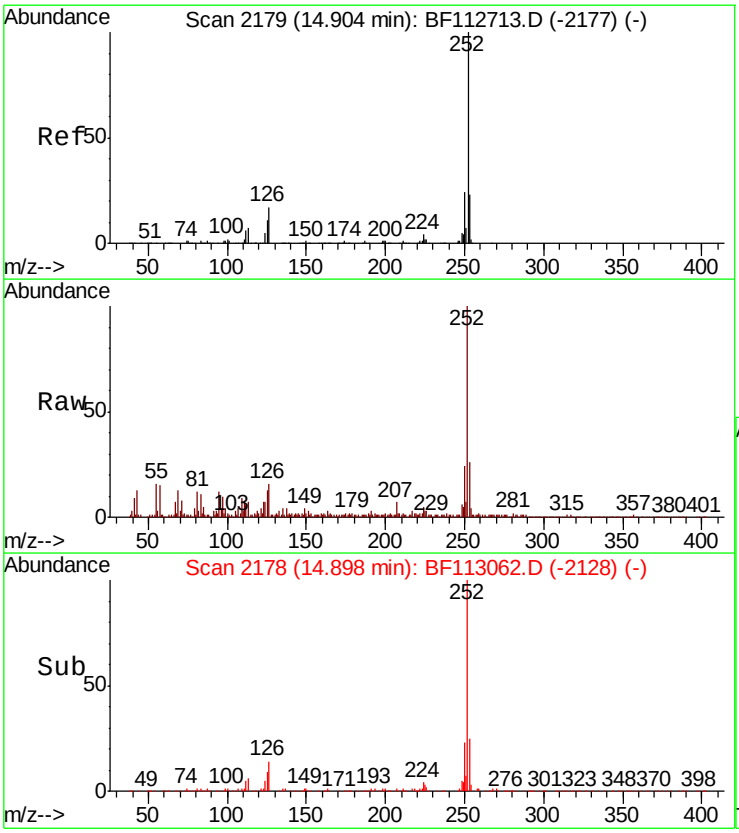
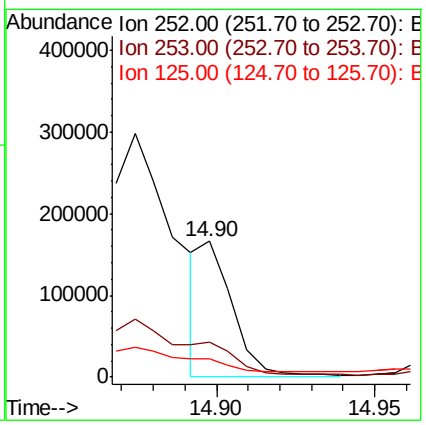
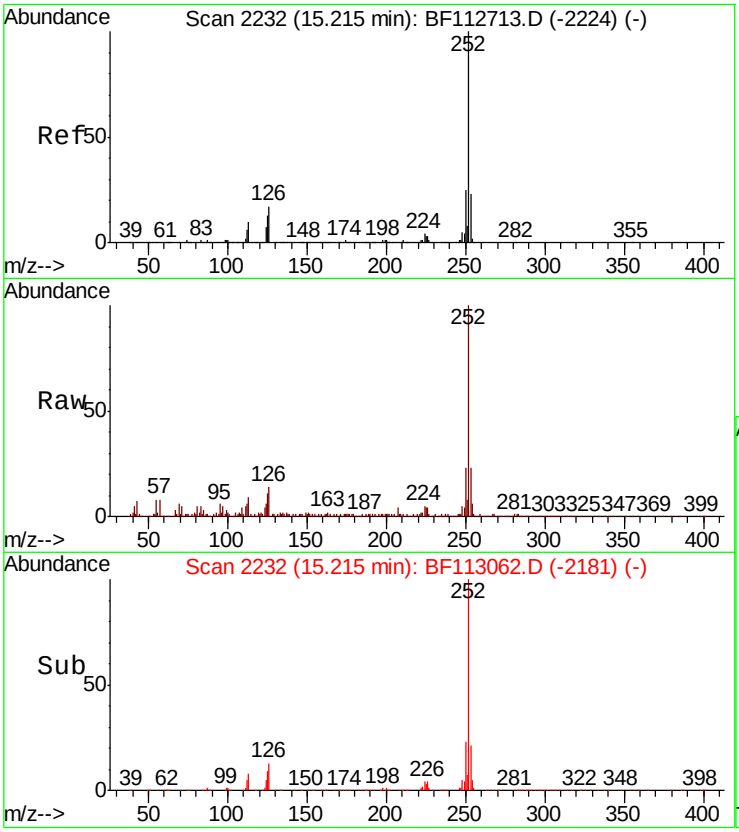


#89
Benzo(k)fluoranthene
Concen: 3.904 ng m
RT: 14.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BF113062.D
Acq: 15 Mar 2019 13:36

Tgt Ion:252 Resp: 117082

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.2	27.2
125	13.1	9.8	14.6

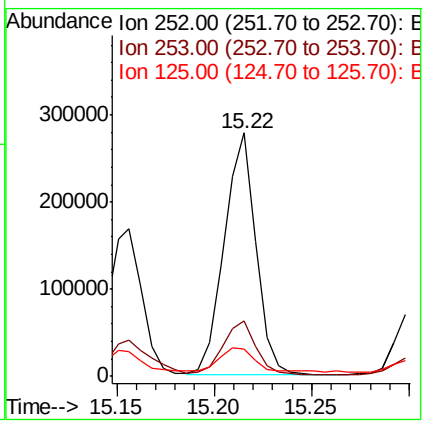




#90
Benzo(a)pyrene
Concen: 10.762 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF113062.D
Acq: 15 Mar 2019 13:36

Tgt Ion:252 Resp: 315168

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	11.3	10.7	16.1



Instrument :
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ClientSampleId :
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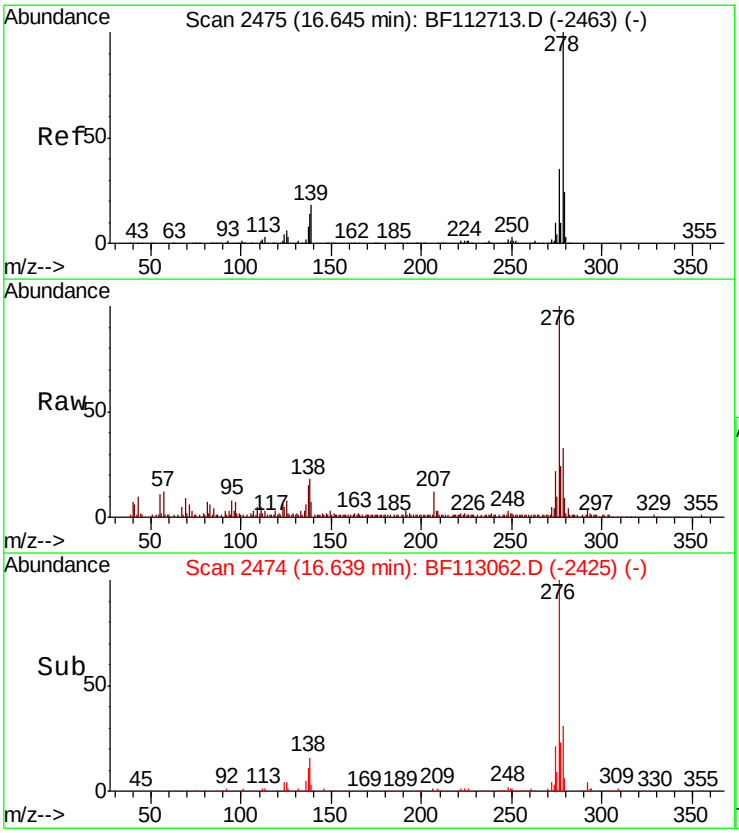
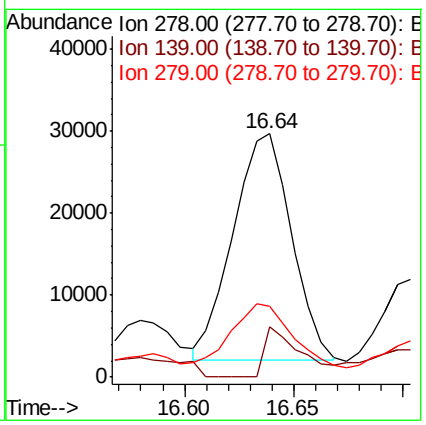
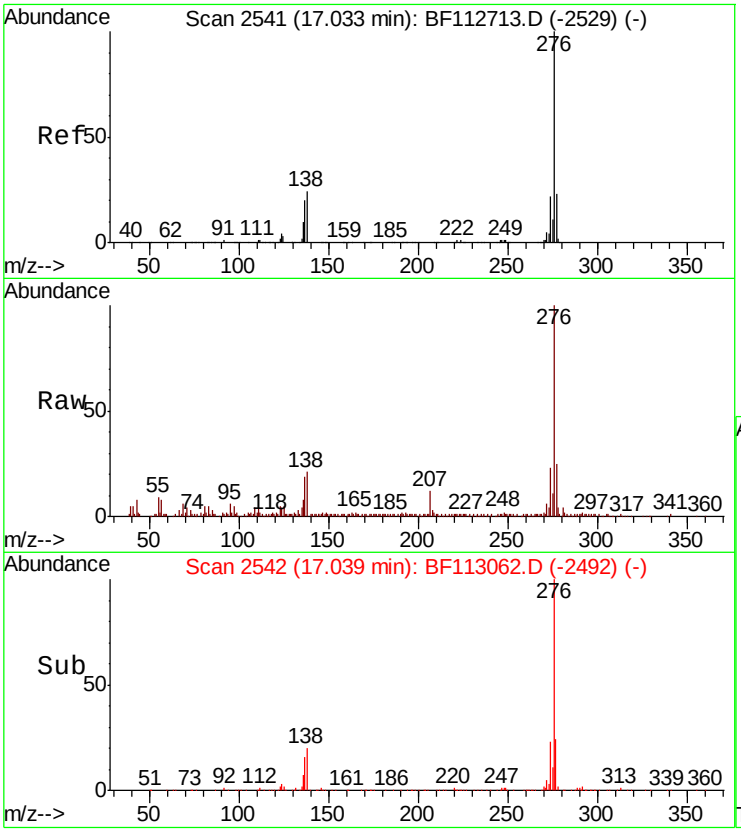


#91
Dibenzo(a,h)anthracene
Concen: 2.062 ng m
RT: 16.64 min Scan# 2474
Delta R.T. -0.01 min
Lab File: BF113062.D
Acq: 15 Mar 2019 13:36

Tgt Ion:278 Resp: 51538

Ion	Ratio	Lower	Upper
278	100		
139	20.8	14.3	21.5
279	29.2	19.4	29.0#

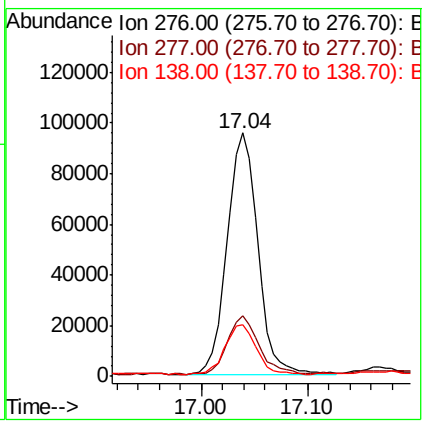




#92
Benzo(g,h,i)perylene
Concen: 7.651 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BF113062.D
Acq: 15 Mar 2019 13:36

Tgt Ion:276 Resp: 191977

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.6	27.8
138	21.3	19.4	29.0



Instrument :
BNA_F
ClientSampleId :
MH-02

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