Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
Data File : BF111062.D
Acq On : 28 Nov 2018 22:57
Operator : JU/SJ
Sample : J6051-01DL 100X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-01DL

Manual Integrations APPROVED
mohammad
11/29/2018 1:58:49 PM

Quant Time: Nov 29 03:45:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 27 15:32:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	52359	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	227811	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	87426	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	134644	20.00	ng	0.00
76) Chrysene-d12	14.13	240	124667	20.00	ng	0.00
87) Perylene-d12	15.66	264	93487	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	117	0.04	ng	0.18
7) Phenol-d6	6.72	99	559	0.14	ng	0.15
23) Nitrobenzene-d5	7.60	82	697	0.18	ng	0.09
42) 2,4,6-Tribromophenol	10.80	330	134	0.15	ng	0.02
45) 2-Fluorobiphenyl	9.31	172	4384	0.73	ng	0.02
79) Terphenyl-d14	13.05	244	3899	0.61	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.49	178	190877	26.767	ng	98
72) Anthracene	11.56	178	36961	5.089	ng	95
73) Carbazole	11.72	167	24370	3.457	ng	98
75) Fluoranthene	12.69	202	435873	59.470	ng	98
78) Pyrene	12.92	202	375875	41.281	ng	98
81) Benzo(a)anthracene	14.12	228	187718	25.505	ng	98
83) Chrysene	14.15	228	167543	23.124	ng	98
86) Indeno(1,2,3-cd)pyrene	17.25	276	87793	16.881	ng	98
88) Benzo(b)fluoranthene	15.20	252	212135m	38.626	ng	
89) Benzo(k)fluoranthene	15.23	252	73197m	12.949	ng	
90) Benzo(a)pyrene	15.59	252	137747	26.945	ng	98
91) Dibenzo(a,h)anthracene	17.24	278	15376m	3.645	ng	
92) Benzo(g,h,i)perylene	17.73	276	78655	19.340	ng	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
Data File : BF111062.D
Acq On : 28 Nov 2018 22:57
Operator : JU/SJ
Sample : J6051-01DL 100X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 29 03:45:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 27 15:32:10 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SS-01DL

Manual Integrations APPROVED
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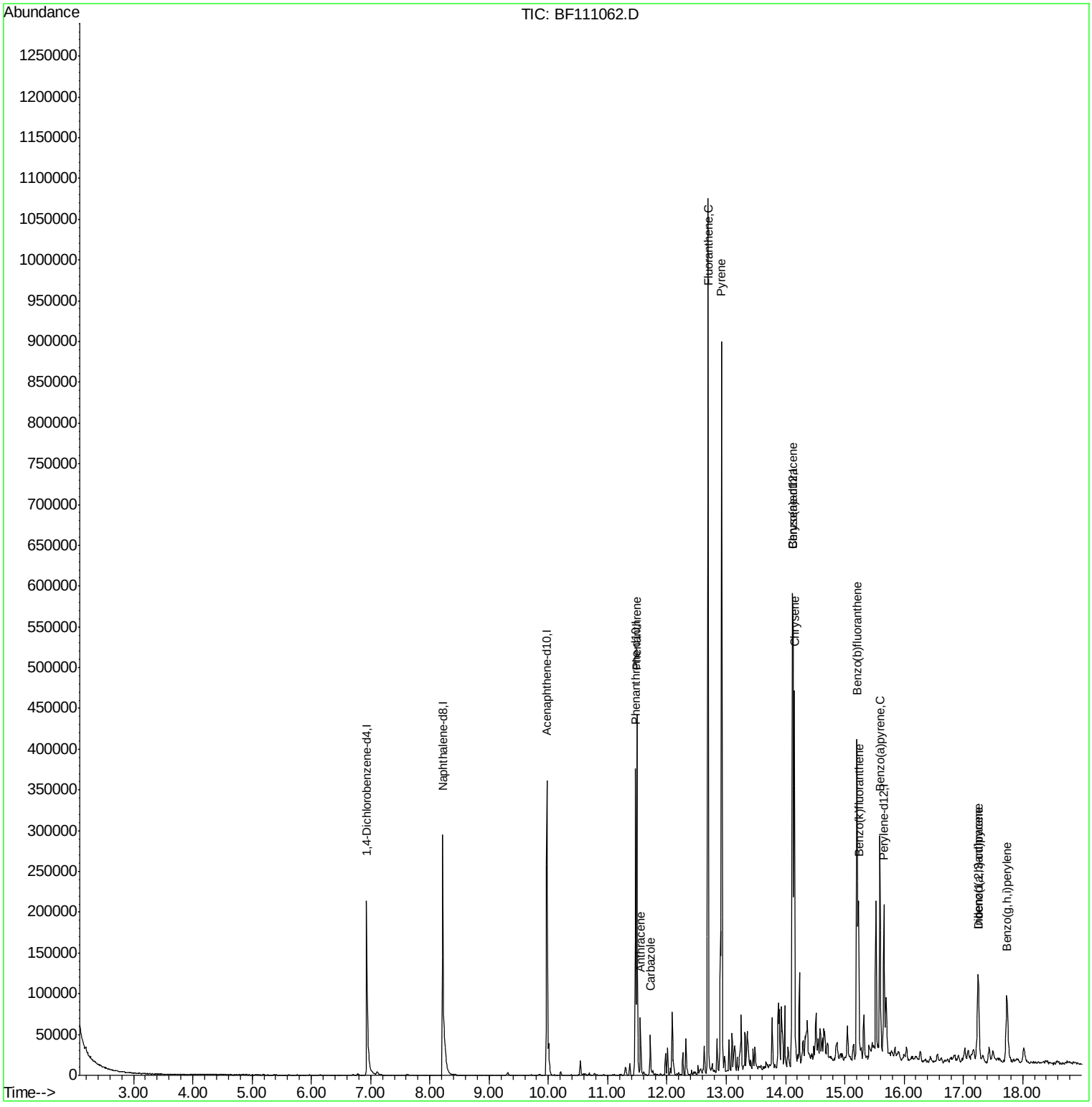
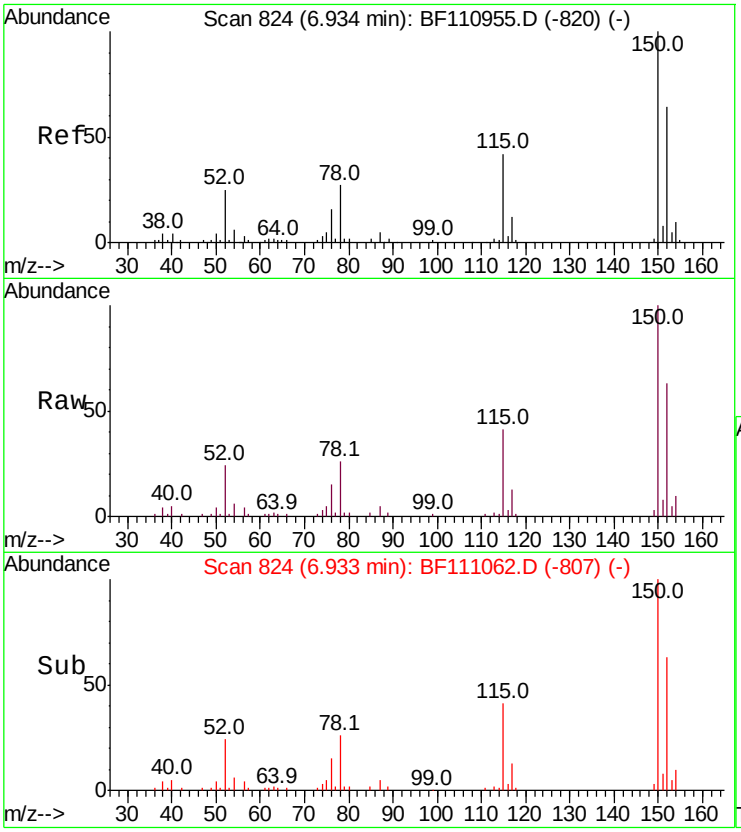
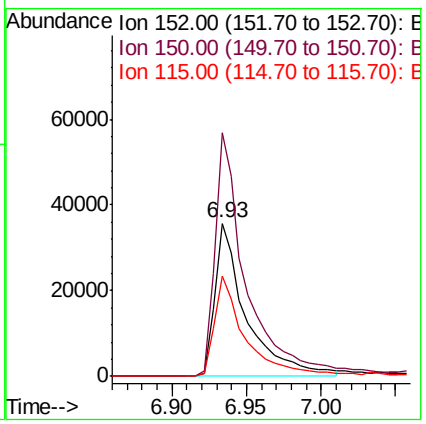




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF111062.D
Acq: 28 Nov 2018 22:57

Tgt Ion:152 Resp: 52359

Ion	Ratio	Lower	Upper
152	100		
150	159.1	122.7	184.1
115	65.1	49.1	73.7



Instrument :
BNA_F
ClientSampleId :
SS-01DL

Manual Integrations APPROVED
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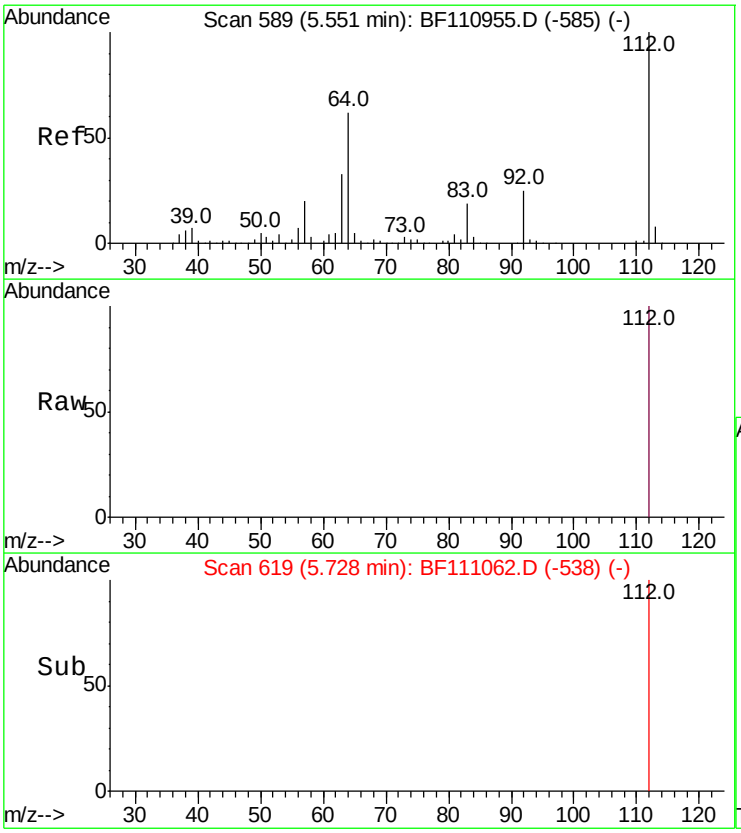
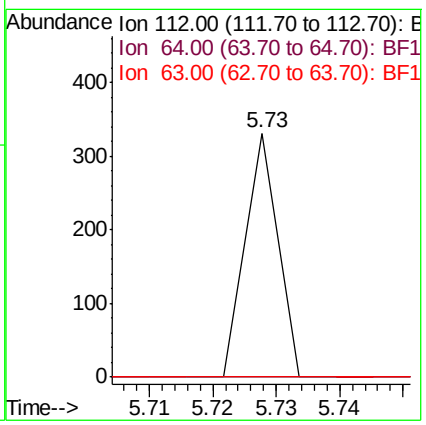
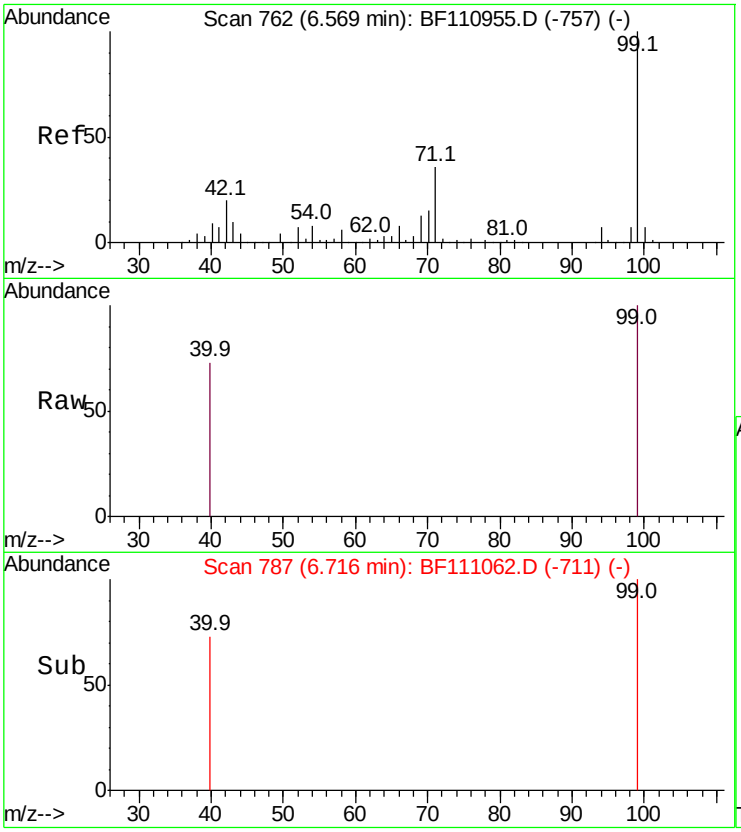


#5
2-Fluorophenol
Concen: 0.037 ng
RT: 5.73 min Scan# 619
Delta R.T. 0.18 min
Lab File: BF111062.D
Acq: 28 Nov 2018 22:57

Tgt Ion:112 Resp: 117

Ion	Ratio	Lower	Upper
112	100		
64	0.0	44.1	66.1#
63	0.0	23.7	35.5#

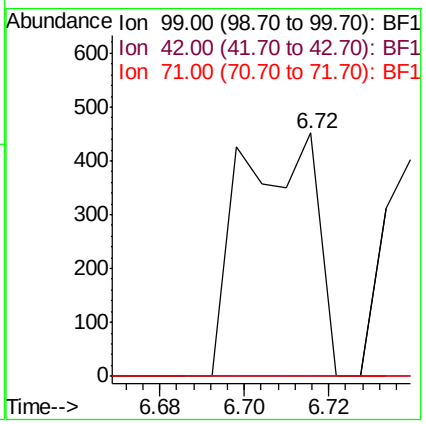




#7
Phenol-d6
Concen: 0.136 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.15 min
Lab File: BF111062.D
Acq: 28 Nov 2018 22:57

Tgt Ion: 99 Resp: 559

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.8	23.6#
71	0.0	28.0	42.0#



Instrument :
BNA_F
ClientSampleId :
SS-01DL

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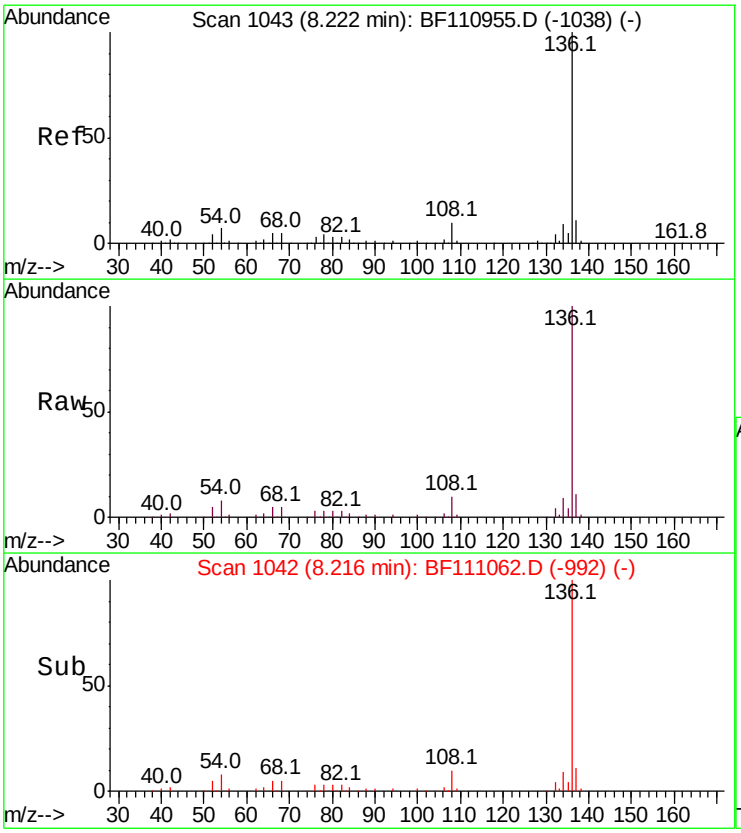
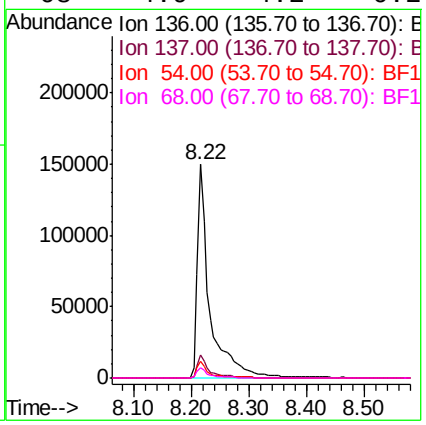
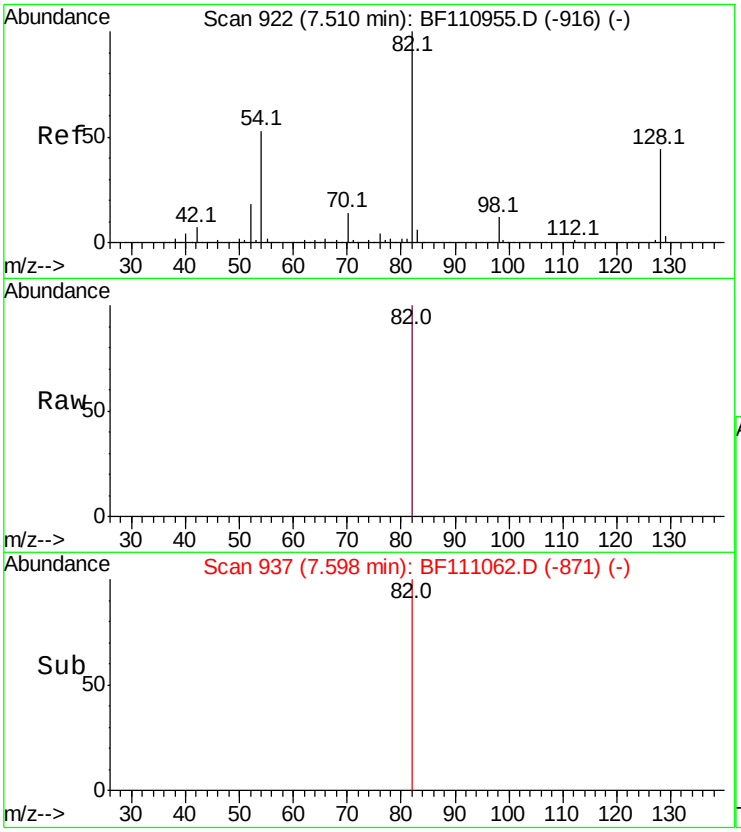


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111062.D
Acq: 28 Nov 2018 22:57

Tgt Ion:136 Resp: 227811

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.8	5.4	8.2
68	4.9	4.2	6.2

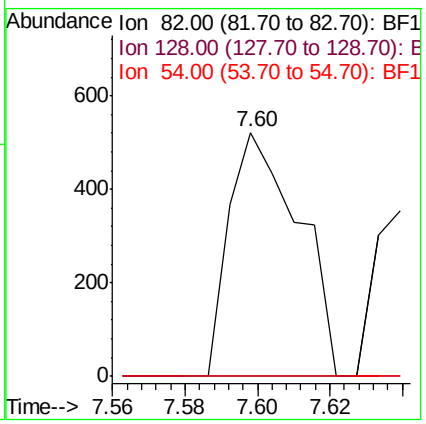




#23
Nitrobenzene-d5
Concen: 0.175 ng
RT: 7.60 min Scan# 937
Delta R.T. 0.09 min
Lab File: BF111062.D
Acq: 28 Nov 2018 22:57

Tgt Ion: 82 Resp: 697

Ion	Ratio	Lower	Upper
82	100		
128	0.0	34.2	51.2#
54	0.0	38.6	58.0#



Instrument :
BNA_F
ClientSampleId :
SS-01DL

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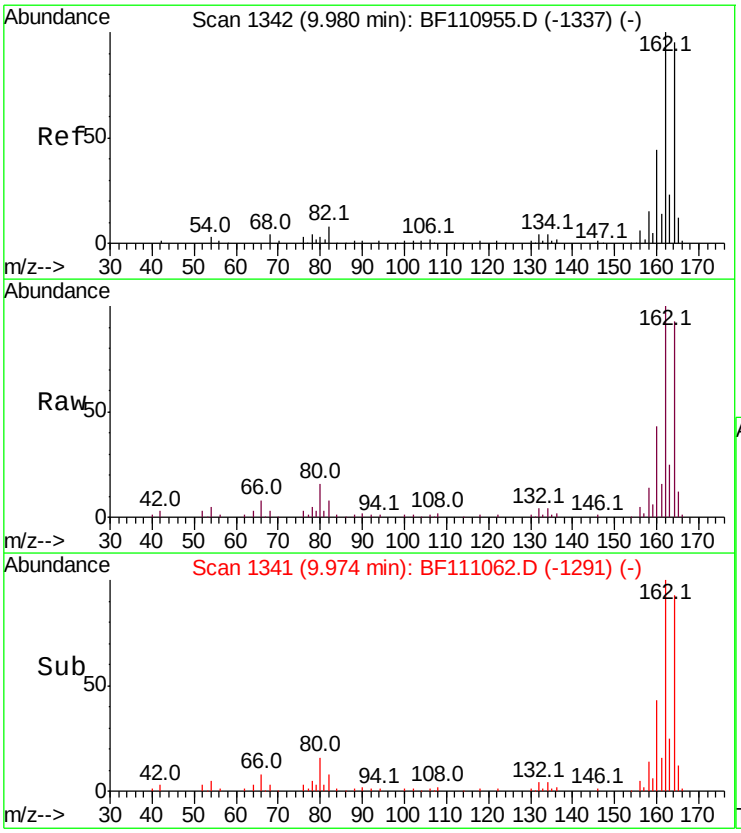
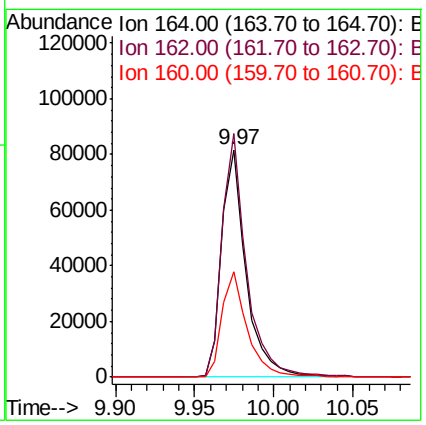
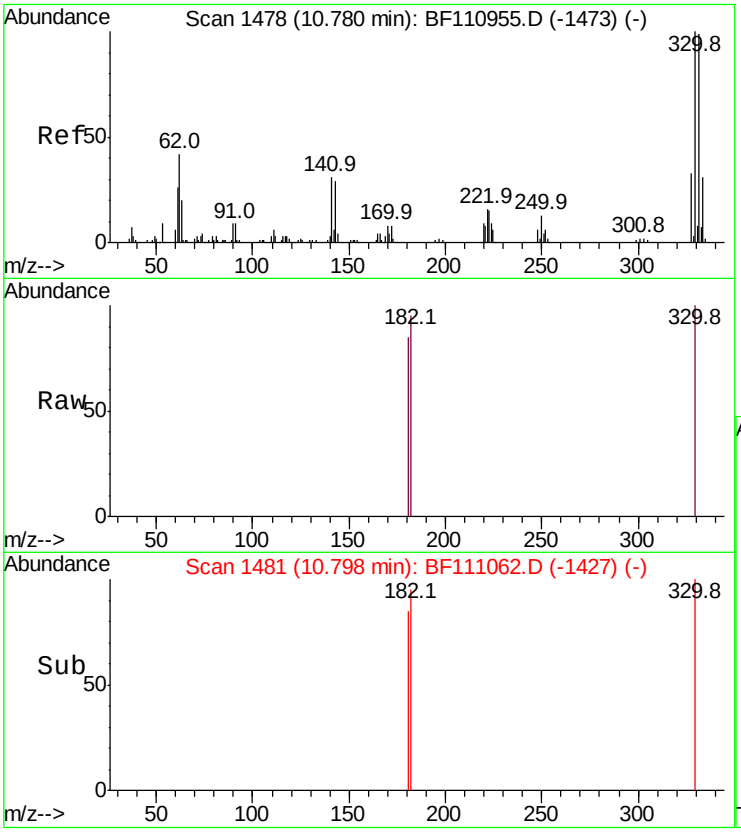


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF111062.D
Acq: 28 Nov 2018 22:57

Tgt Ion:164 Resp: 87426

Ion	Ratio	Lower	Upper
164	100		
162	107.0	83.0	124.6
160	46.3	37.0	55.6

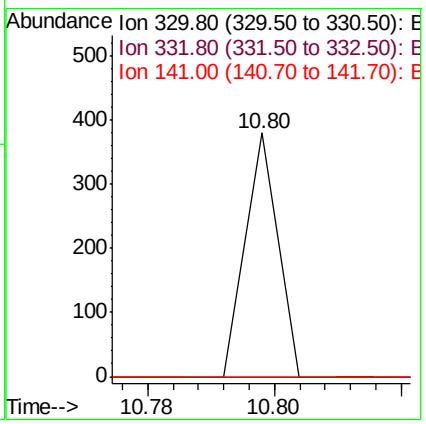




#42
2,4,6-Tribromophenol
Concen: 0.154 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.02 min
Lab File: BF111062.D
Acq: 28 Nov 2018 22:57

Tgt Ion:330 Resp: 134

Ion	Ratio	Lower	Upper
330	100		
332	0.0	77.1	115.7#
141	0.0	27.0	40.4#



Instrument :
BNA_F
ClientSampleId :
SS-01DL

Manual Integrations APPROVED
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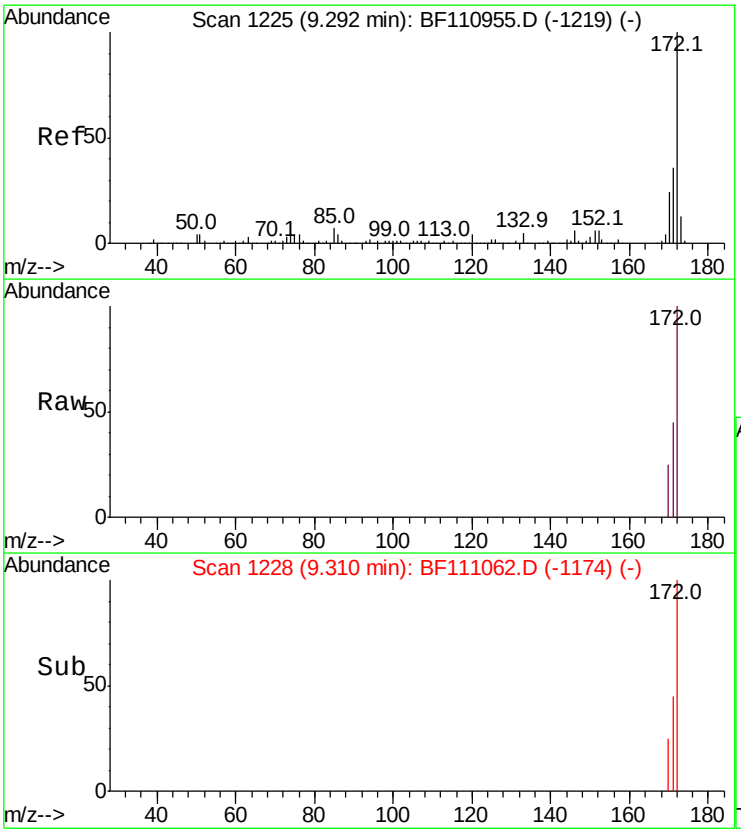
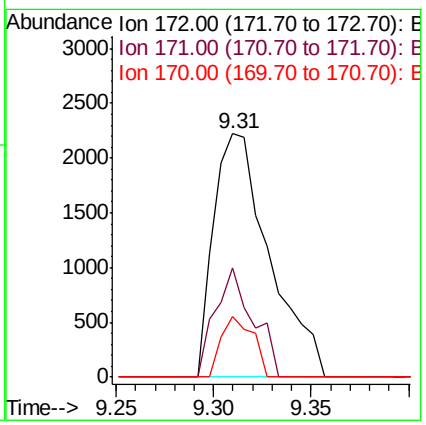
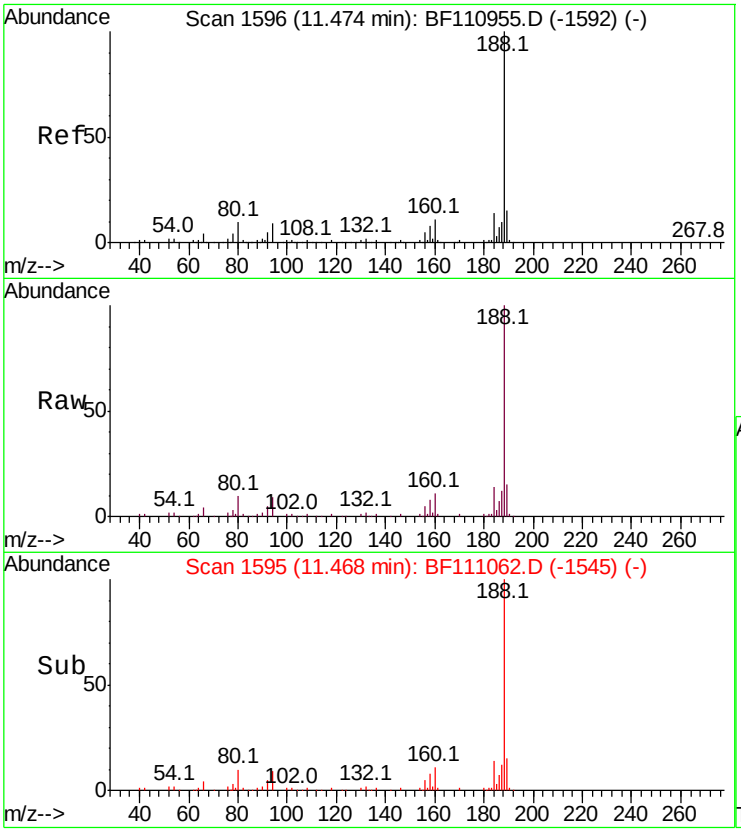


#45
2-Fluorobiphenyl
Concen: 0.726 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.02 min
Lab File: BF111062.D
Acq: 28 Nov 2018 22:57

Tgt Ion:172 Resp: 4384

Ion	Ratio	Lower	Upper
172	100		
171	44.6	28.6	43.0#
170	24.9	19.7	29.5

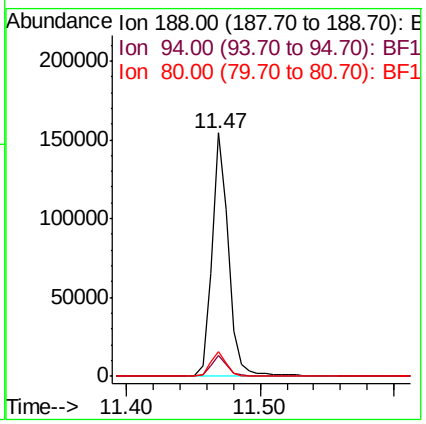




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF111062.D
Acq: 28 Nov 2018 22:57

Tgt Ion:188 Resp: 134644

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	10.2	7.9	11.9



Instrument :
BNA_F
ClientSampleId :
SS-01DL

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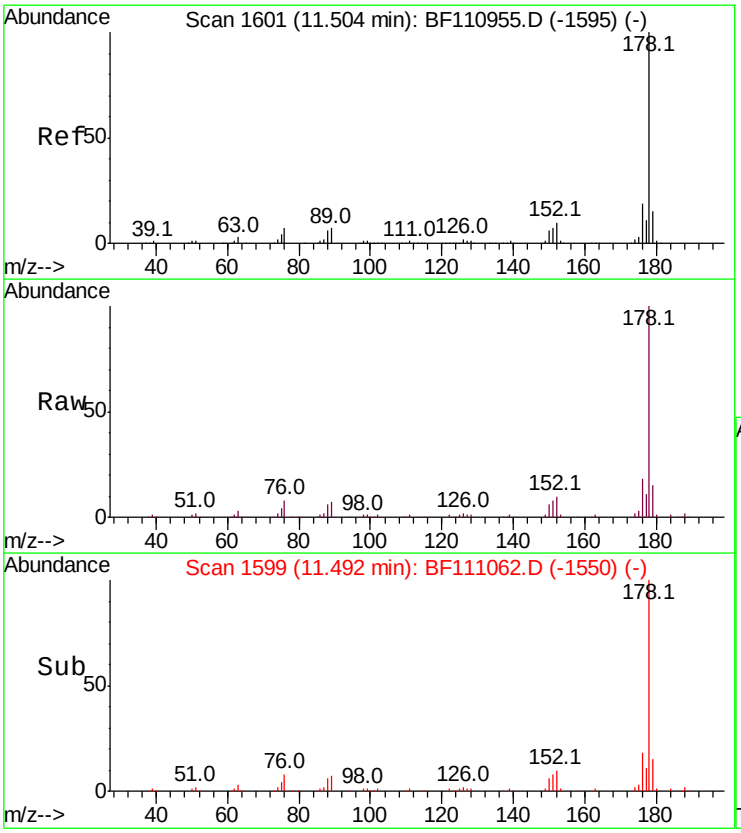
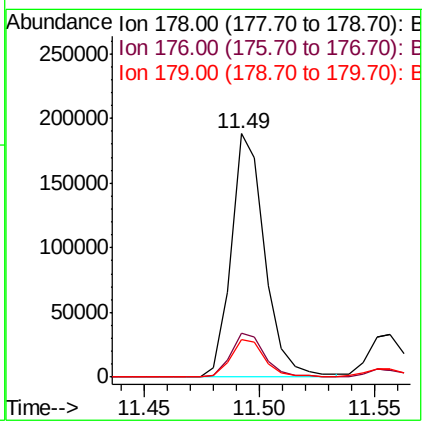
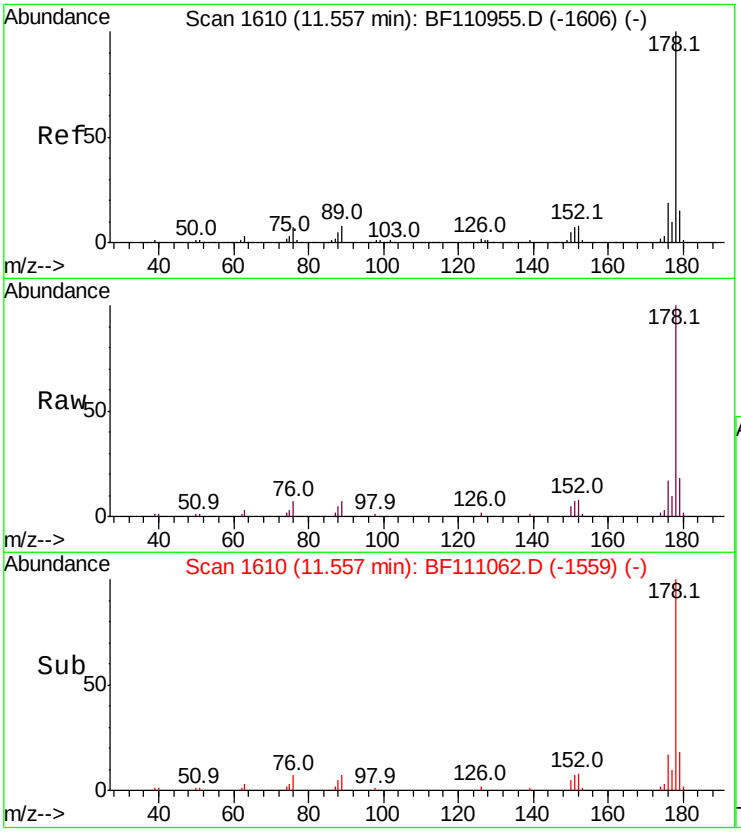


#71
Phenanthrene
Concen: 26.767 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF111062.D
Acq: 28 Nov 2018 22:57

Tgt Ion:178 Resp: 190877

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.5	23.3
179	15.3	12.5	18.7

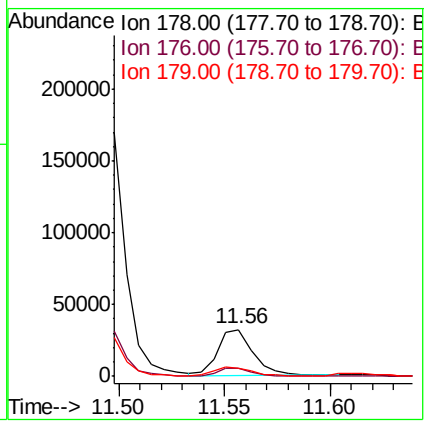




#72
Anthracene
Concen: 5.089 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BF111062.D
Acq: 28 Nov 2018 22:57

Tgt Ion:178 Resp: 36961

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.4	23.2
179	17.9	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
SS-01DL

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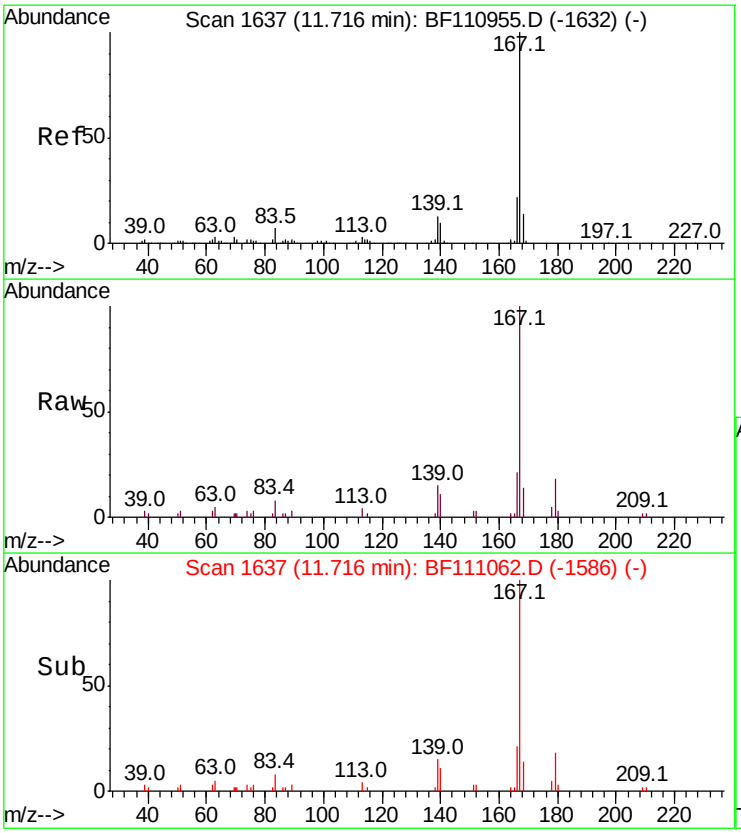
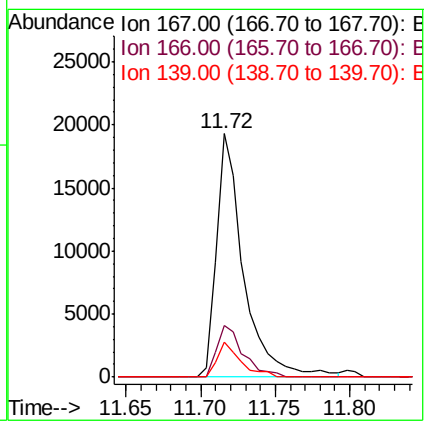
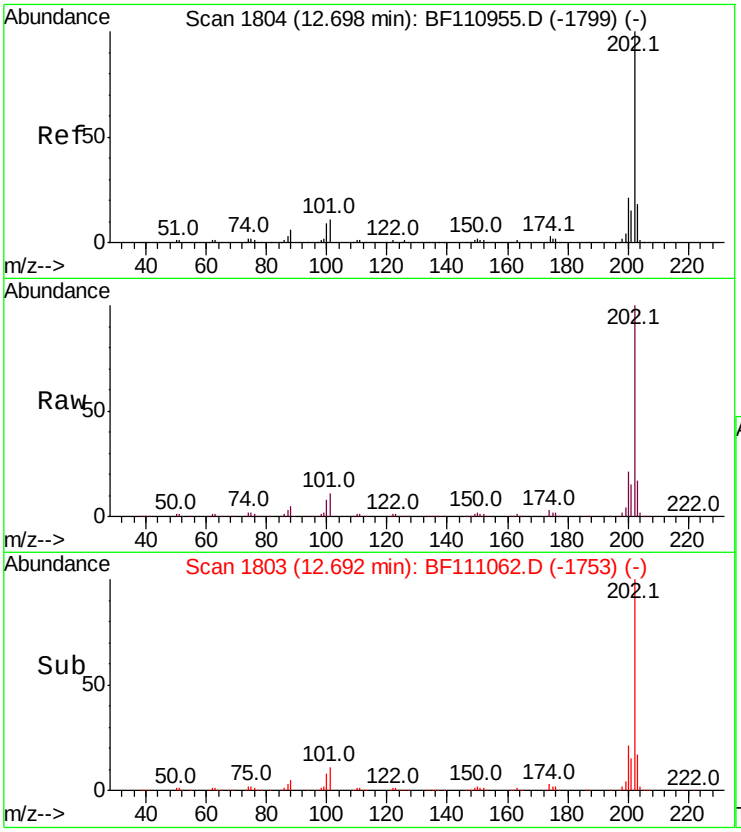


#73
Carbazole
Concen: 3.457 ng
RT: 11.72 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BF111062.D
Acq: 28 Nov 2018 22:57

Tgt Ion:167 Resp: 24370

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.4	26.0
139	14.6	10.9	16.3

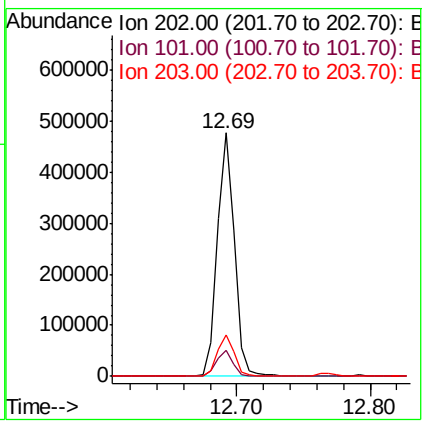




#75
Fluoranthene
Concen: 59.470 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF111062.D
Acq: 28 Nov 2018 22:57

Tgt Ion:202 Resp: 435873

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.4
203	17.1	0.0	37.7



Instrument :
BNA_F
ClientSampleId :
SS-01DL

Manual Integrations APPROVED
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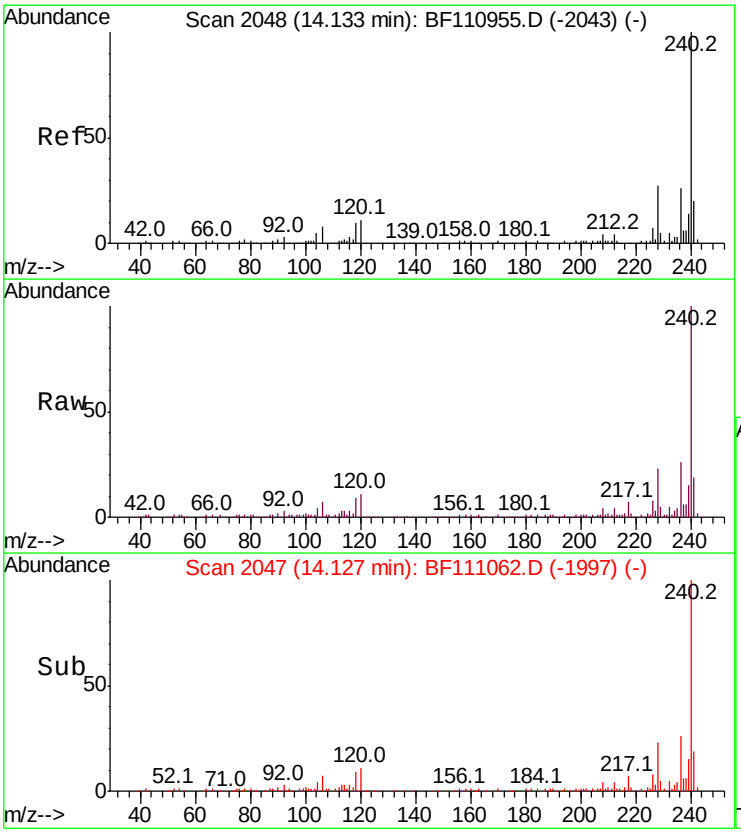
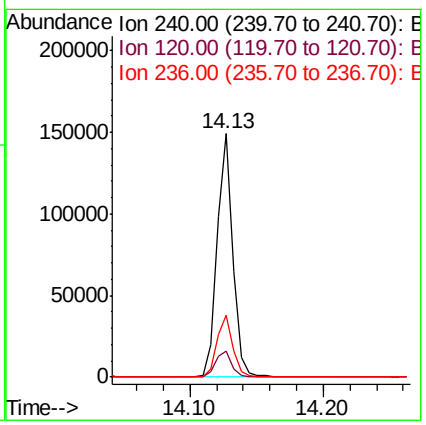
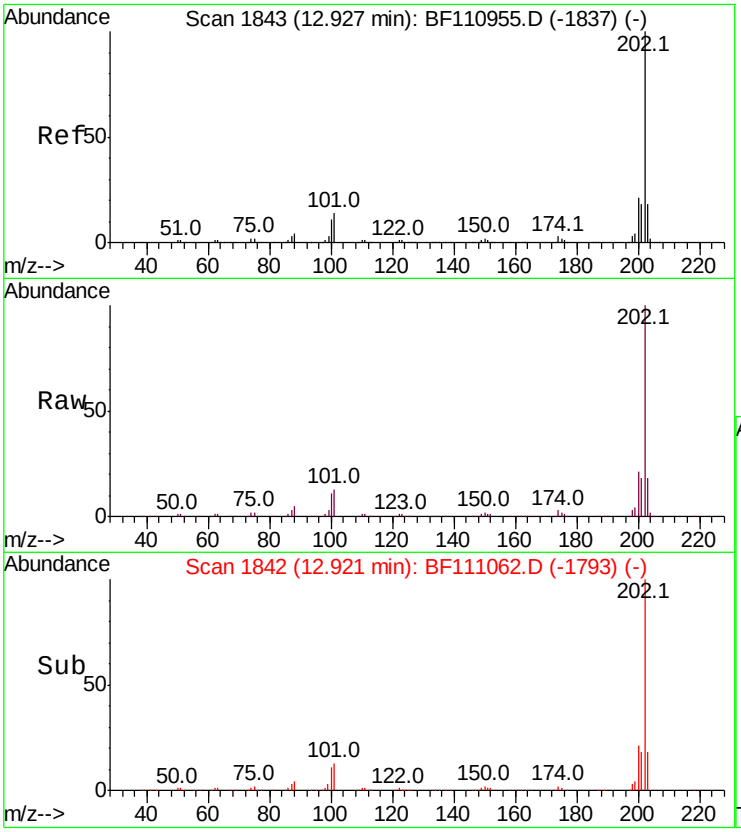


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF111062.D
Acq: 28 Nov 2018 22:57

Tgt Ion:240 Resp: 124667

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.3	12.5
236	25.6	21.2	31.8

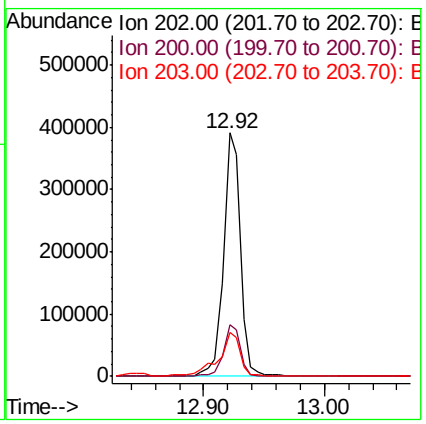




#78
Pyrene
Concen: 41.281 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BF111062.D
Acq: 28 Nov 2018 22:57

Tgt Ion:202 Resp: 375875

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.8	26.6
203	18.1	14.2	21.4



Instrument :
BNA_F
ClientSampleId :
SS-01DL

Manual Integrations APPROVED
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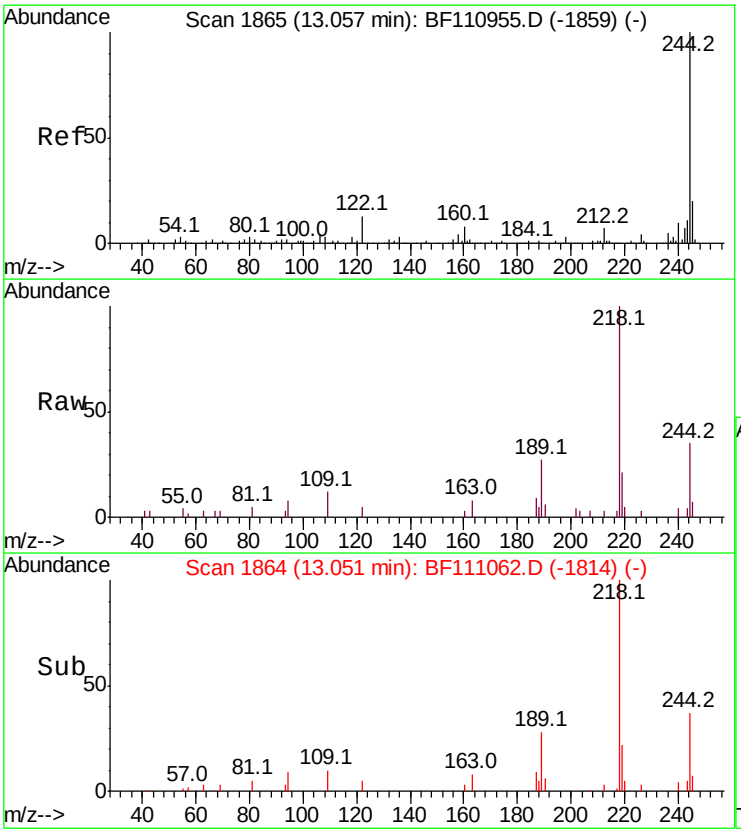
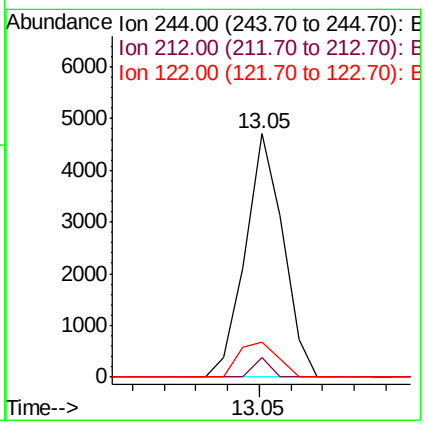
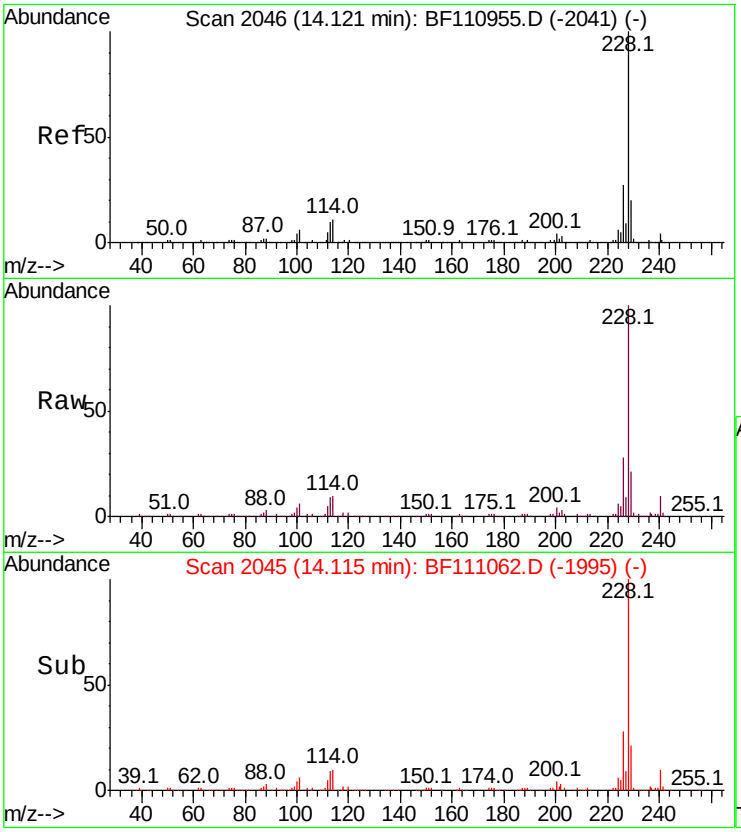


#79
Terphenyl-d14
Concen: 0.609 ng
RT: 13.05 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BF111062.D
Acq: 28 Nov 2018 22:57

Tgt Ion:244 Resp: 3899

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	14.6	8.7	13.1#

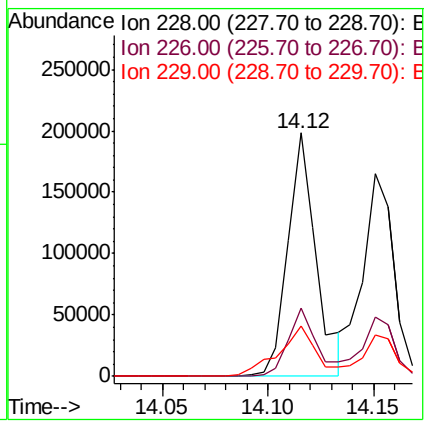




#81
Benzo(a)anthracene
Concen: 25.505 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF111062.D
Acq: 28 Nov 2018 22:57

Tgt Ion:228 Resp: 187718

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.1	33.1
229	20.9	15.6	23.4



Instrument :
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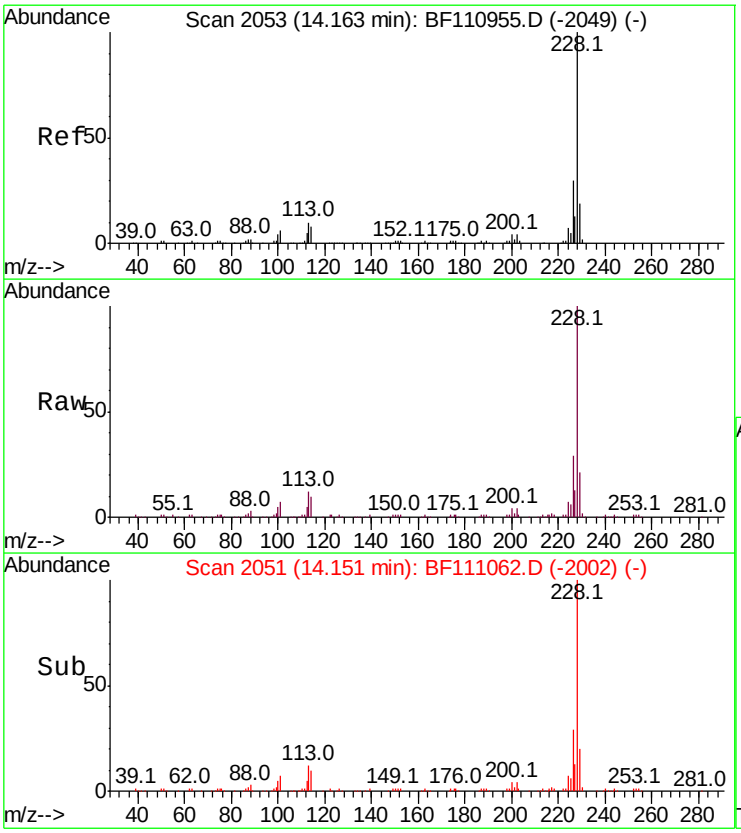
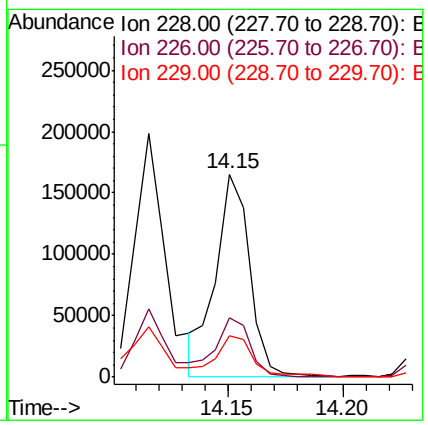
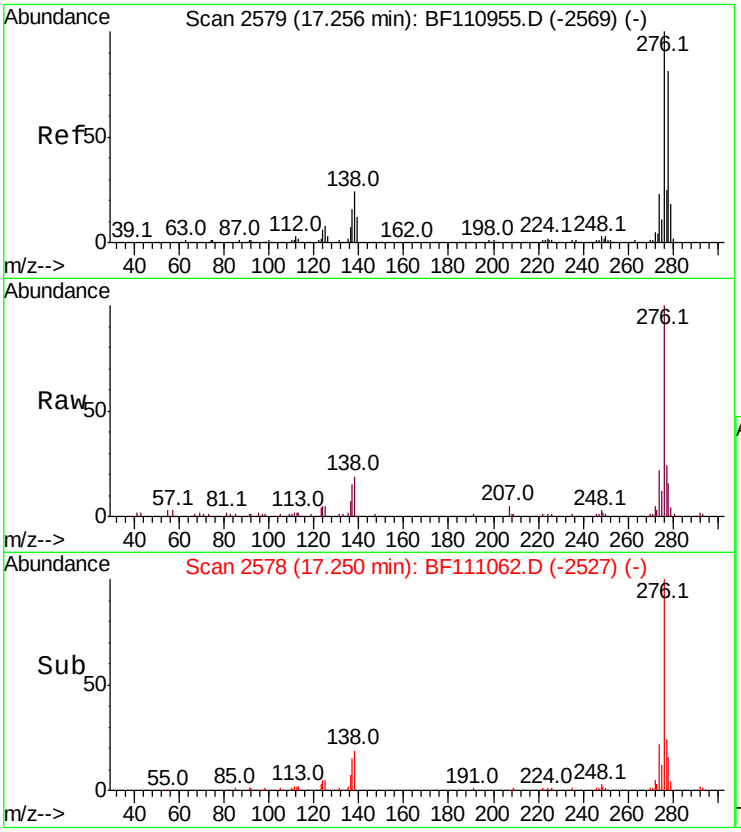


#83
Chrysene
Concen: 23.124 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF111062.D
Acq: 28 Nov 2018 22:57

Tgt Ion:228 Resp: 167543

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.7	37.1
229	20.6	15.9	23.9





#86
Indeno(1,2,3-cd)pyrene
Concen: 16.881 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.00 min
Lab File: BF111062.D
Acq: 28 Nov 2018 22:57

Tgt Ion:276 Resp: 87793

Ion	Ratio	Lower	Upper
276	100		
138	20.7	18.5	27.7
277	24.9	20.0	30.0

Instrument :
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ClientSampleId :
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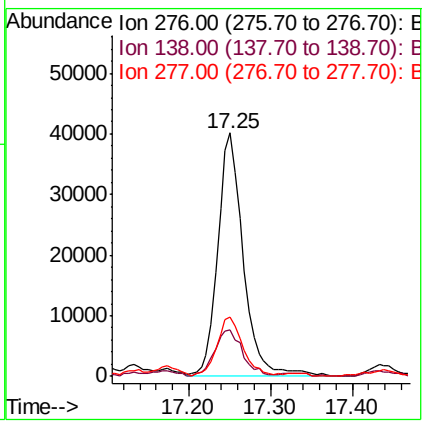
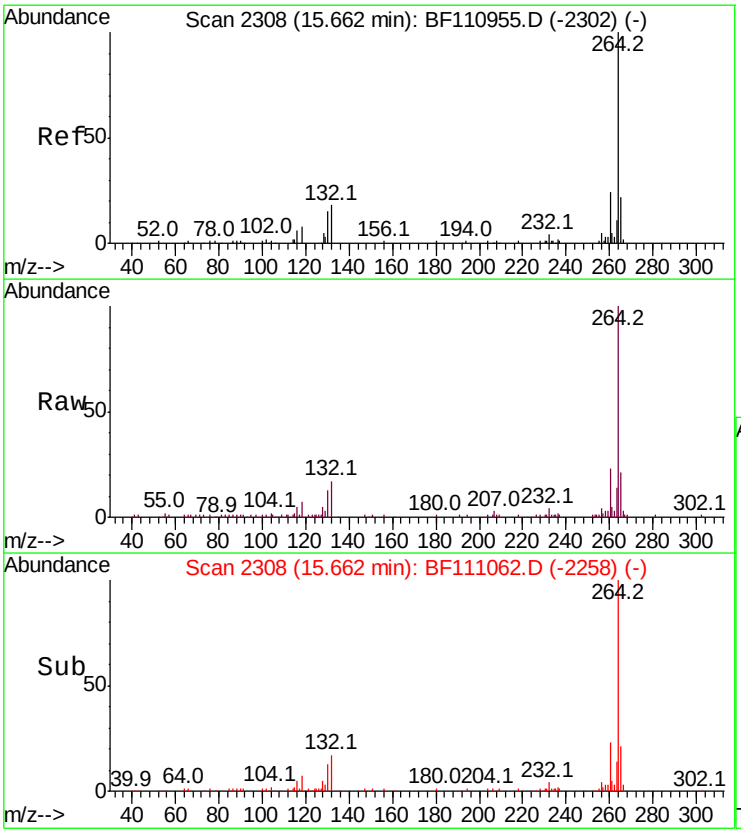
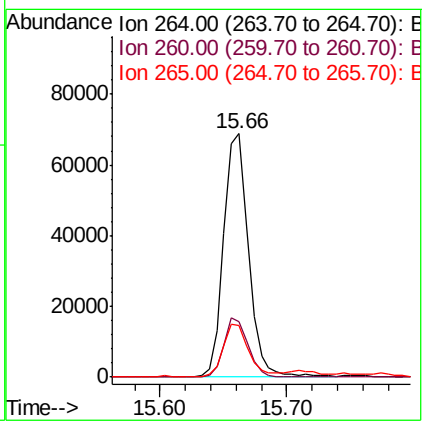


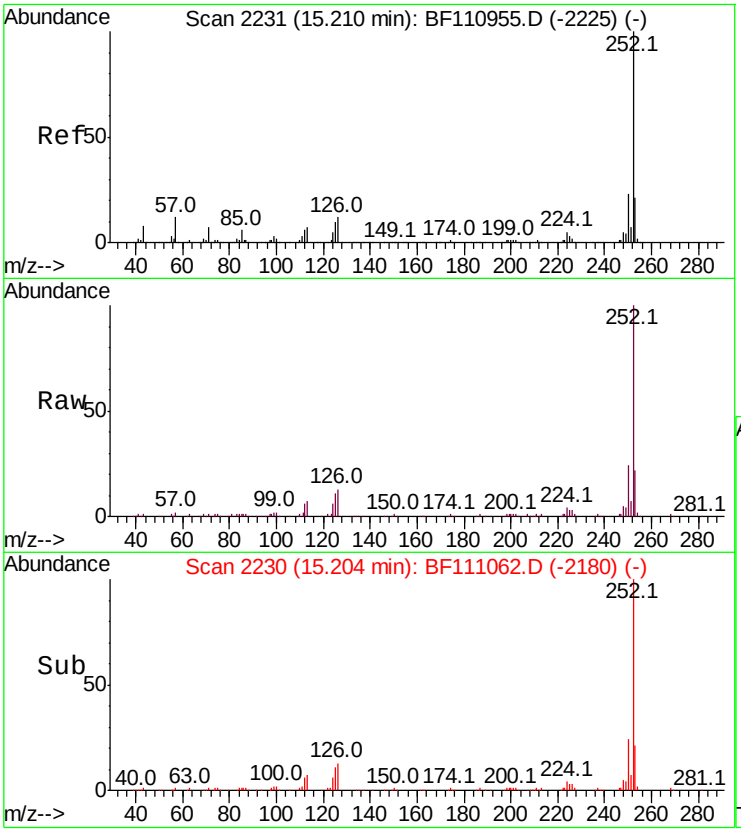


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BF111062.D
Acq: 28 Nov 2018 22:57

Tgt Ion:264 Resp: 93487

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.3	16.7	25.1

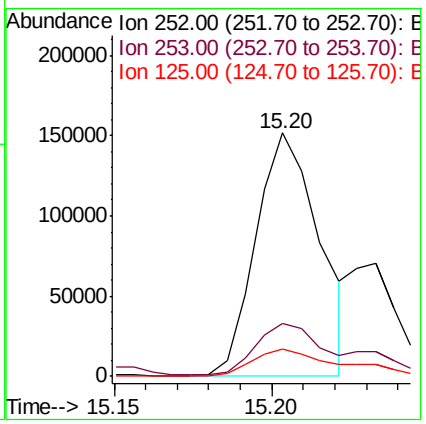




#88
Benzo(b)fluoranthene
Concen: 38.626 ng m
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF111062.D
Acq: 28 Nov 2018 22:57

Tgt Ion:252 Resp: 212135

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	11.2	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
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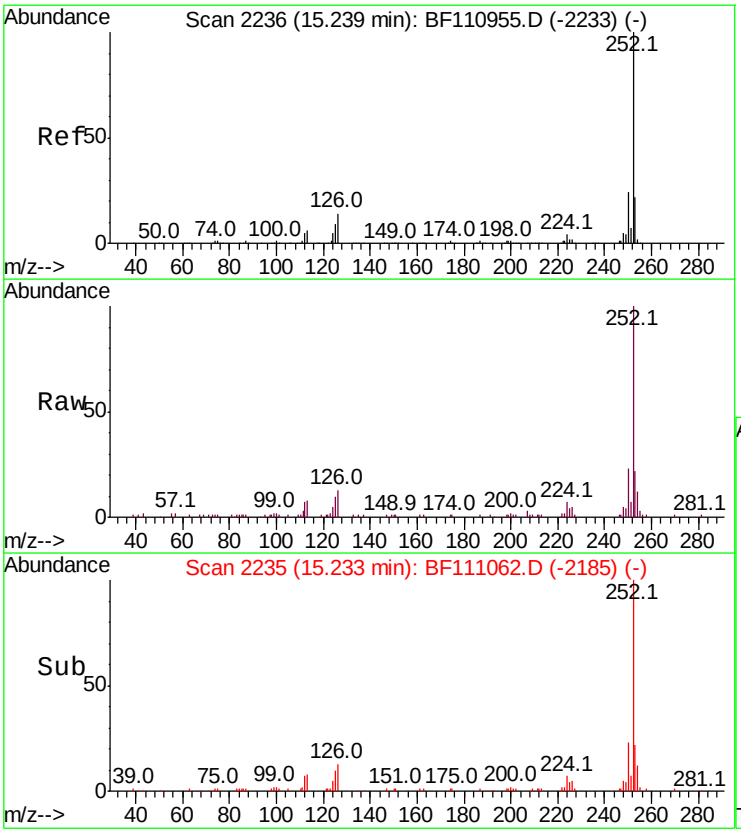
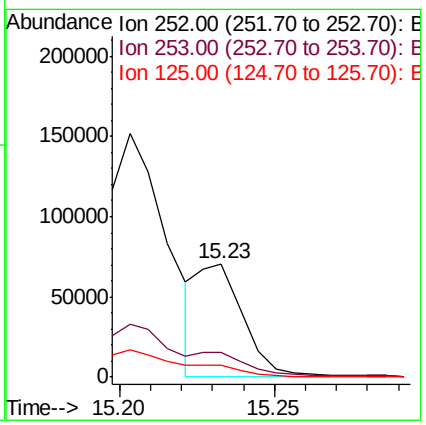
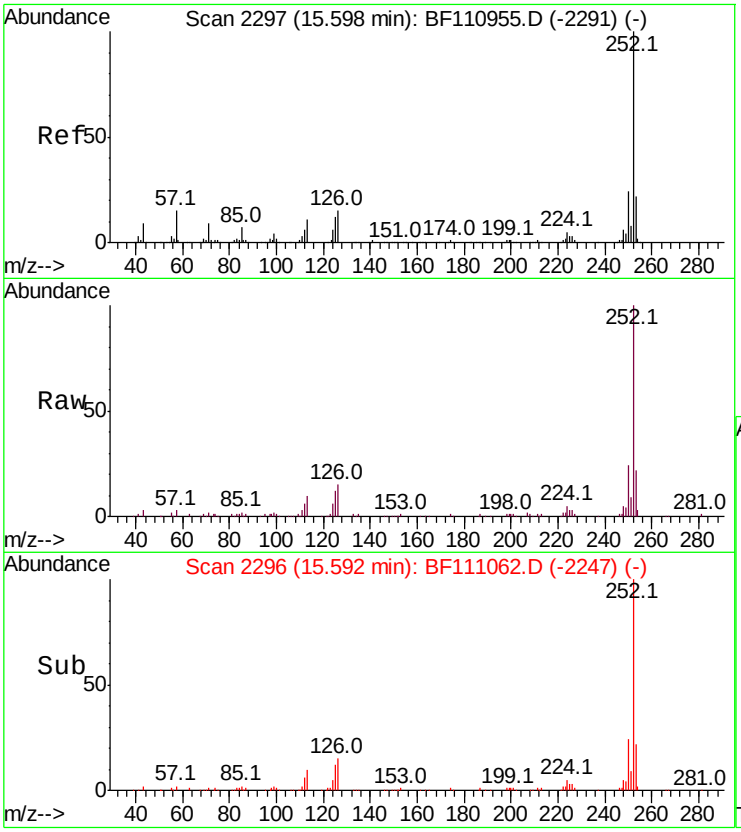


#89
Benzo(k)fluoranthene
Concen: 12.949 ng m
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF111062.D
Acq: 28 Nov 2018 22:57

Tgt Ion:252 Resp: 73197

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	10.5	7.4	11.0

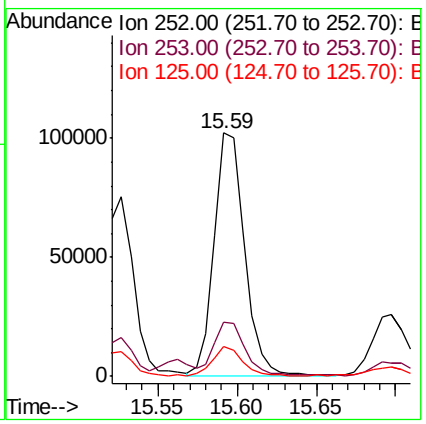




#90
Benzo(a)pyrene
Concen: 26.945 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF111062.D
Acq: 28 Nov 2018 22:57

Tgt Ion:252 Resp: 137747

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	12.1	9.0	13.6



Instrument :
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ClientSampleId :
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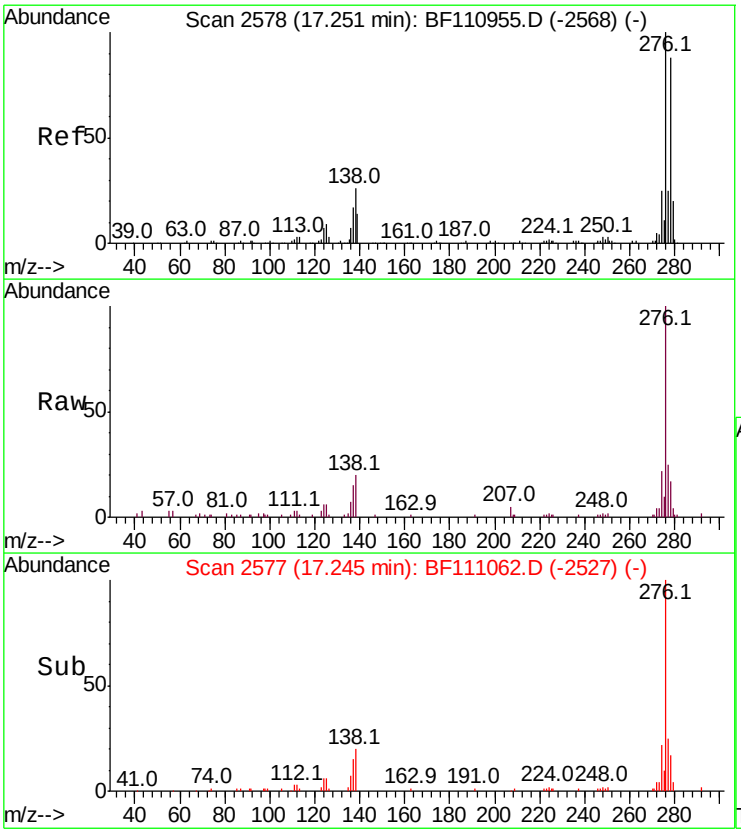
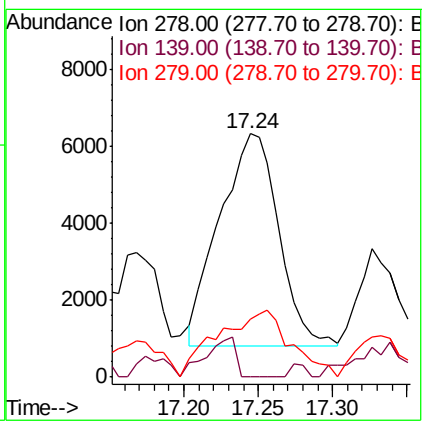
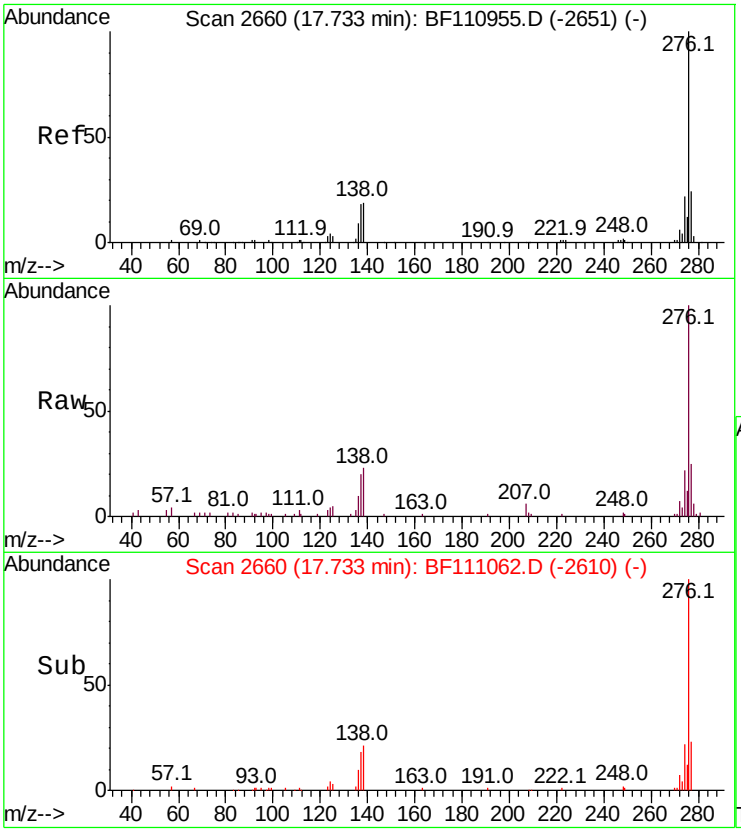


#91
Dibenzo(a,h)anthracene
Concen: 3.645 ng m
RT: 17.24 min Scan# 2577
Delta R.T. -0.01 min
Lab File: BF111062.D
Acq: 28 Nov 2018 22:57

Tgt Ion:278 Resp: 15376

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.7	19.1#
279	23.6	19.0	28.4

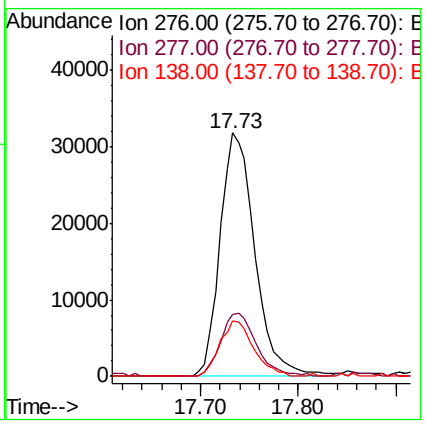




#92
Benzo(g,h,i)perylene
Concen: 19.340 ng
RT: 17.73 min Scan# 2660
Delta R.T. -0.01 min
Lab File: BF111062.D
Acq: 28 Nov 2018 22:57

Tgt Ion:276 Resp: 78655

Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.8	28.2
138	22.6	16.0	24.0



Instrument :
BNA_F
ClientSampleId :
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