Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110178.D
Acq On : 25 Oct 2018 23:24
Operator : JU/SJ
Sample : J5625-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-08

Manual Integrations APPROVED
Sohil
10/26/2018 3:49:29 PM

Quant Time: Oct 26 06:53:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	144500	20.00	ng		-0.02
21) Naphthalene-d8	8.25	136	567374	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	236678	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	356785	20.00	ng		-0.02
76) Chrysene-d12	14.15	240	266267	20.00	ng		-0.01
87) Perylene-d12	15.67	264	215456	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	773744	87.20	ng		0.00
7) Phenol-d6	6.59	99	972361	85.67	ng		-0.02
23) Nitrobenzene-d5	7.53	82	593702	62.07	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	171947	73.34	ng		-0.02
45) 2-Fluorobiphenyl	9.32	172	972885	64.55	ng		-0.02
79) Terphenyl-d14	13.09	244	654041	51.08	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.60	94	110562	9.113	ng	#	68
49) Acenaphthylene	9.87	152	147264	6.494	ng		99
50) Dimethylphthalate	9.72	163	174246	9.973	ng		100
58) Fluorene	10.56	166	33345	2.133	ng		97
71) Phenanthrene	11.52	178	357503	19.150	ng		99
72) Anthracene	11.57	178	142381	7.609	ng		98
75) Fluoranthene	12.72	202	649136	34.261	ng		99
78) Pyrene	12.95	202	939769	49.231	ng		99
81) Benzo(a)anthracene	14.14	228	417185m	26.421	ng		
83) Chrysene	14.17	228	385347	25.694	ng		98
86) Indeno(1,2,3-cd)pyrene	17.23	276	115449	9.279	ng		100
88) Benzo(b)fluoranthene	15.22	252	328175m	26.377	ng		
89) Benzo(k)fluoranthene	15.24	252	99480m	8.133	ng		
90) Benzo(a)pyrene	15.61	252	243829	21.298	ng		98
91) Dibenzo(a,h)anthracene	17.24	278	32254m	3.265	ng		
92) Benzo(g,h,i)perylene	17.70	276	119317	12.257	ng	#	96

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

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Manual Integrations APPROVED
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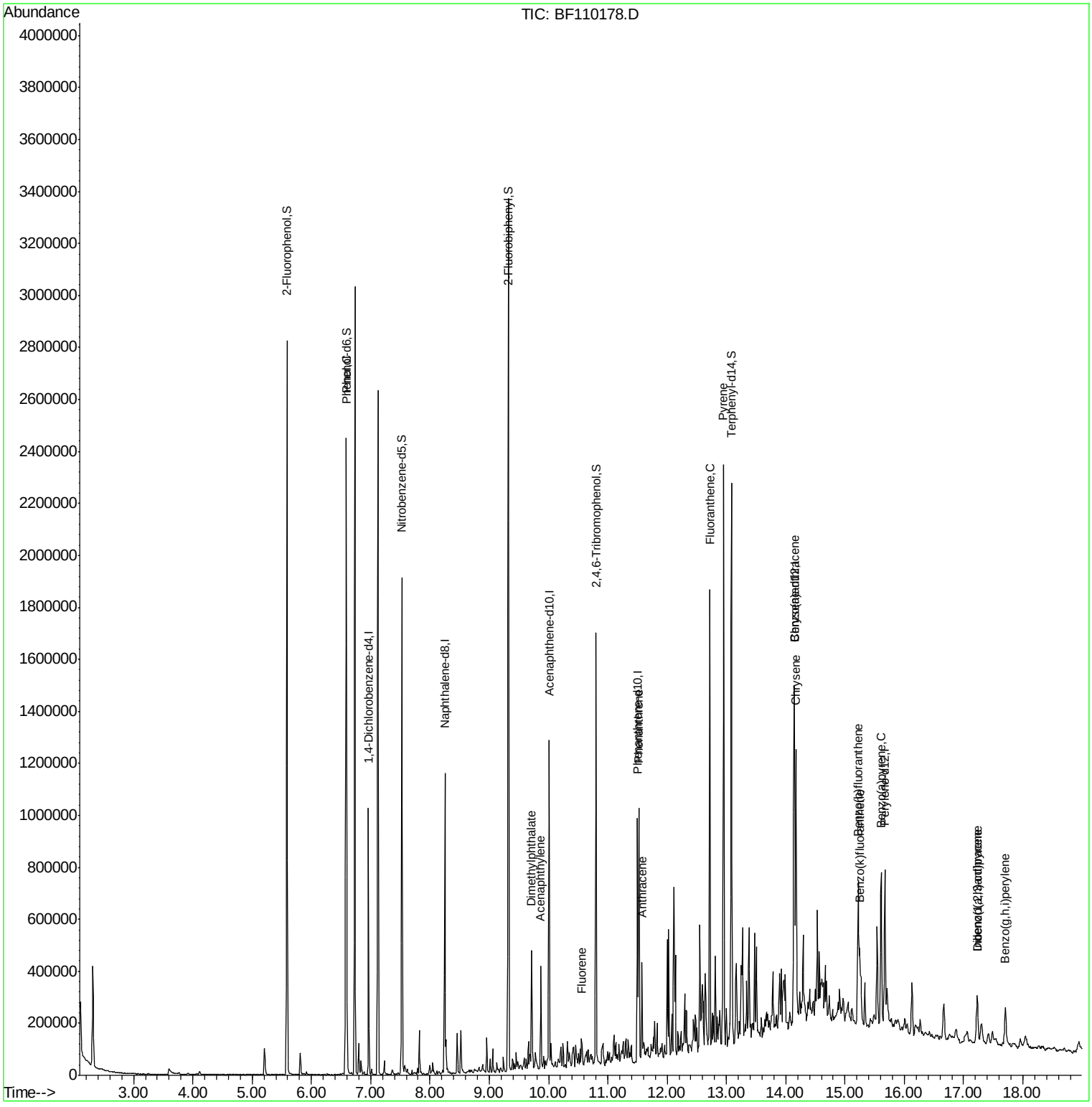
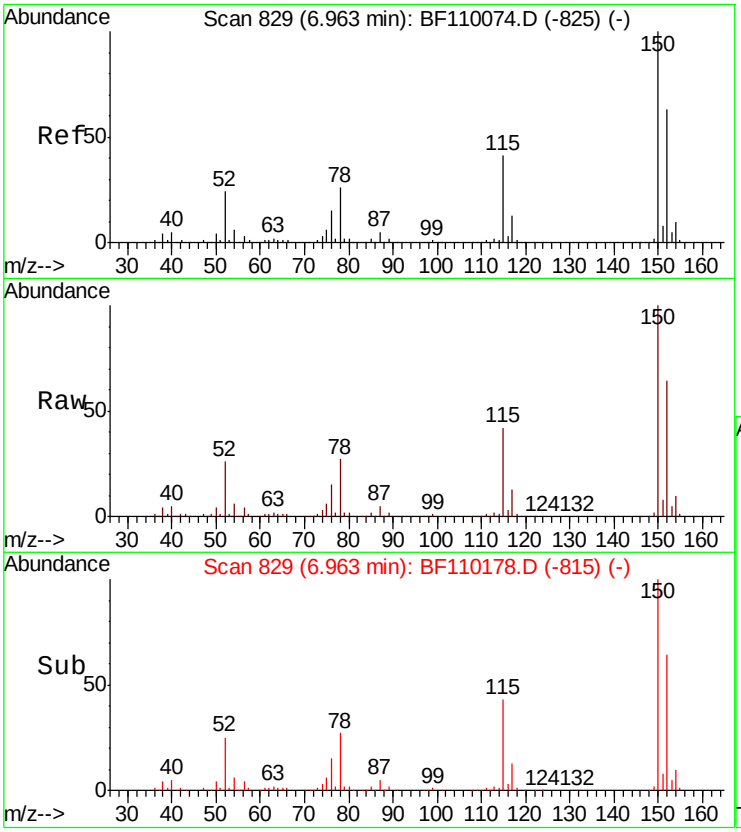
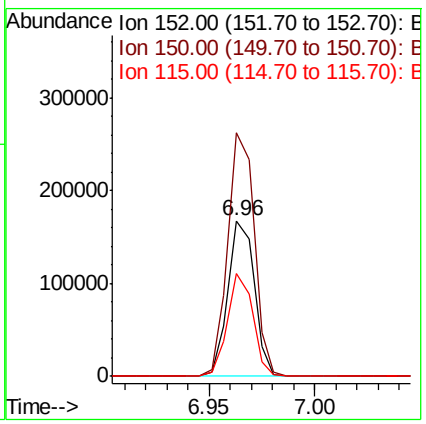




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110178.D
Acq: 25 Oct 2018 23:24

Tgt Ion:152 Resp: 144500

Ion	Ratio	Lower	Upper
152	100		
150	156.7	122.7	184.1
115	66.5	49.1	73.7



Instrument :
BNA_F
ClientSampleId :
DW-08

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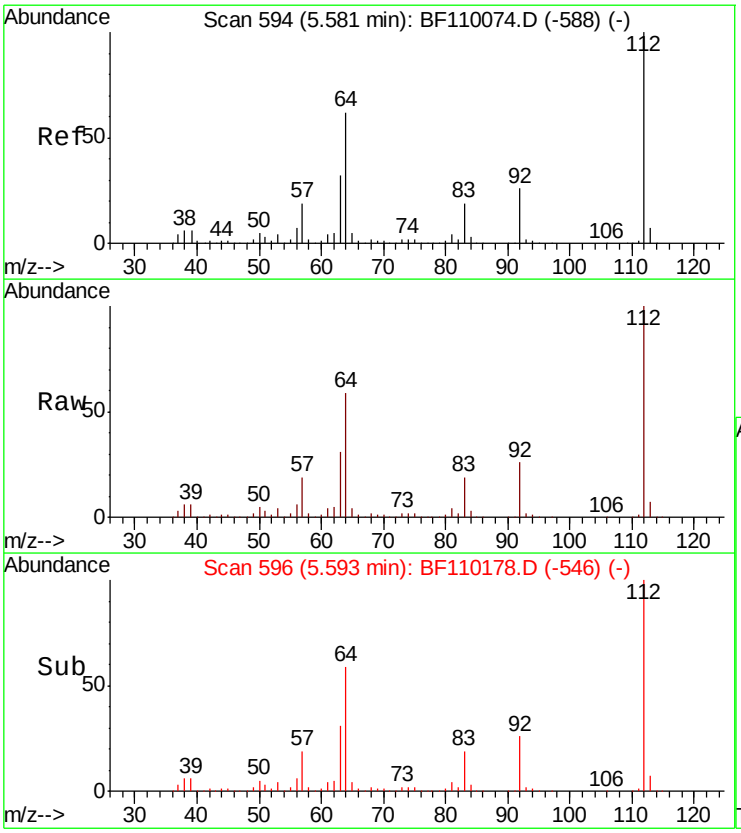
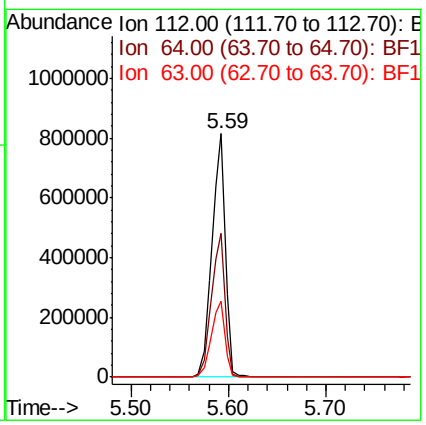
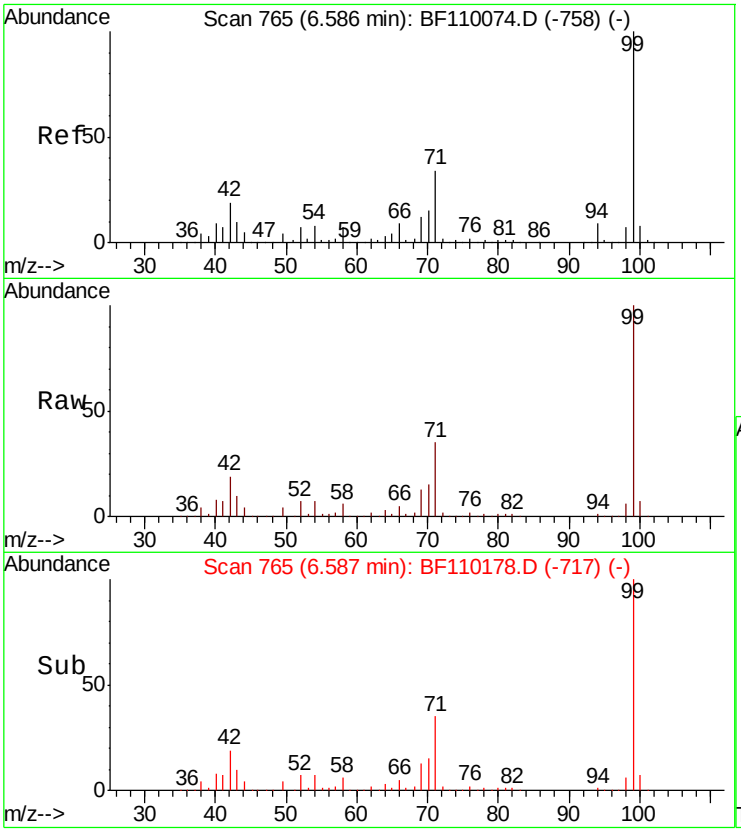


#5
2-Fluorophenol
Concen: 87.198 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF110178.D
Acq: 25 Oct 2018 23:24

Tgt Ion:112 Resp: 773744

Ion	Ratio	Lower	Upper
112	100		
64	59.2	44.1	66.1
63	31.4	23.7	35.5

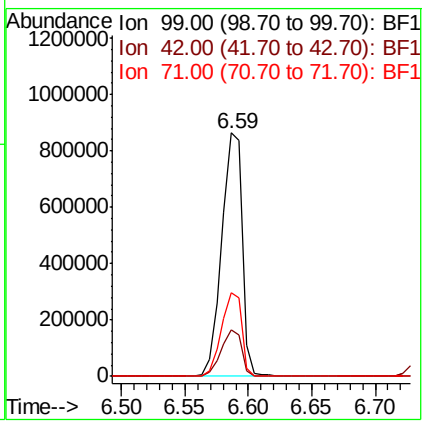




#7
Phenol-d6
Concen: 85.672 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF110178.D
Acq: 25 Oct 2018 23:24

Tgt Ion: 99 Resp: 972361

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.8	23.6
71	34.5	28.0	42.0



Instrument :
BNA_F
ClientSampleId :
DW-08

Manual Integrations APPROVED
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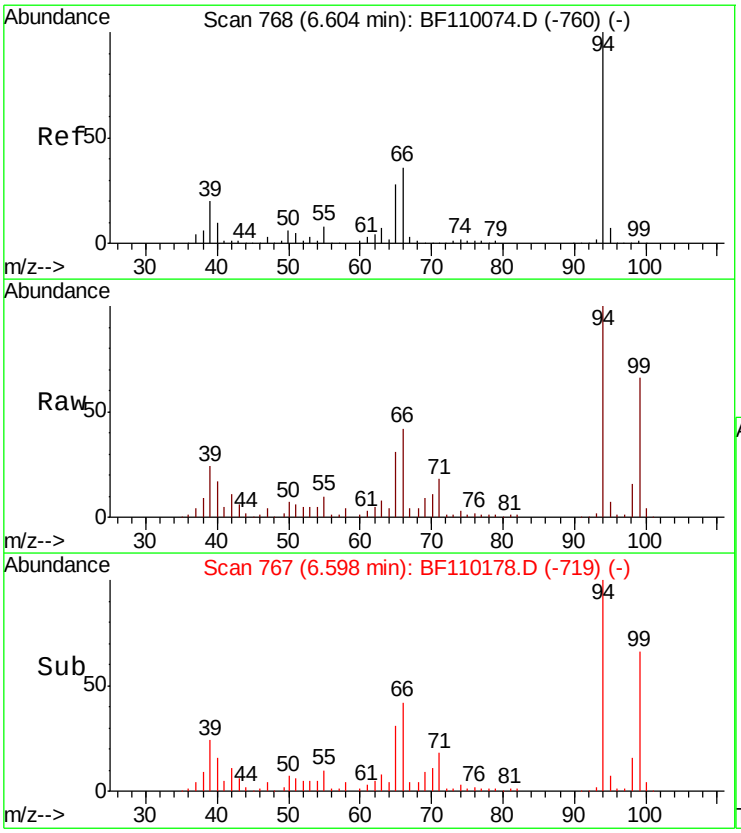
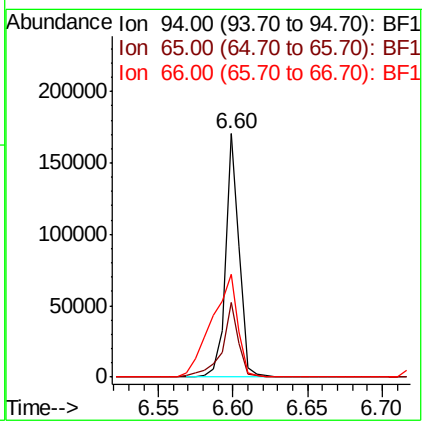
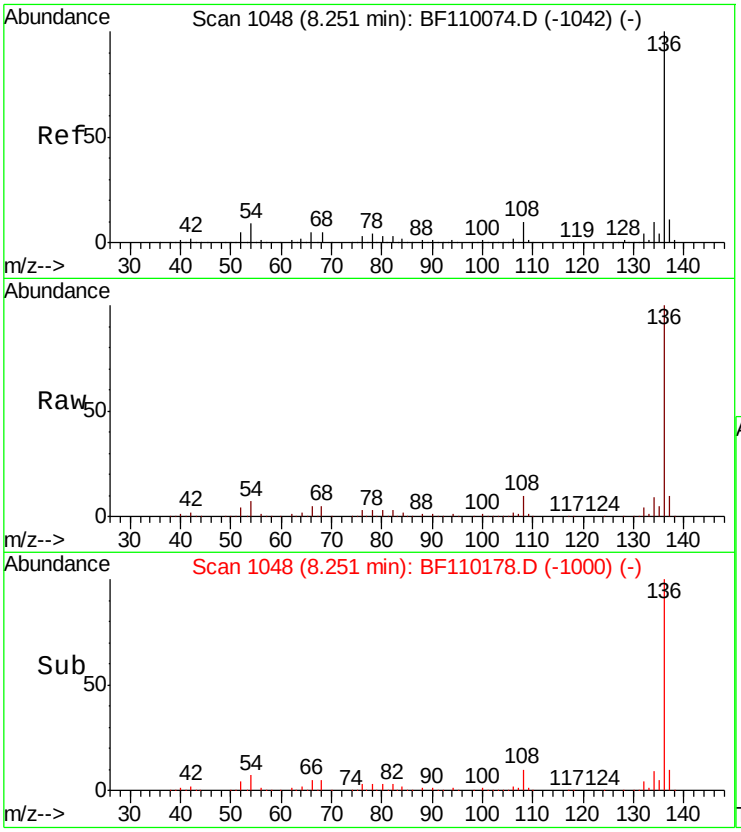


#10
Phenol
Concen: 9.113 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF110178.D
Acq: 25 Oct 2018 23:24

Tgt Ion: 94 Resp: 110562

Ion	Ratio	Lower	Upper
94	100		
65	30.6	25.3	65.3
66	42.0	54.5	94.5#

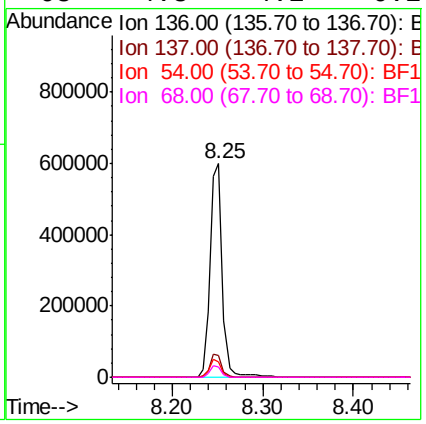




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110178.D
Acq: 25 Oct 2018 23:24

Tgt Ion:136 Resp: 567374

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.0	5.4	8.2
68	4.8	4.2	6.2



Instrument :
BNA_F
ClientSampleId :
DW-08

Manual Integrations APPROVED
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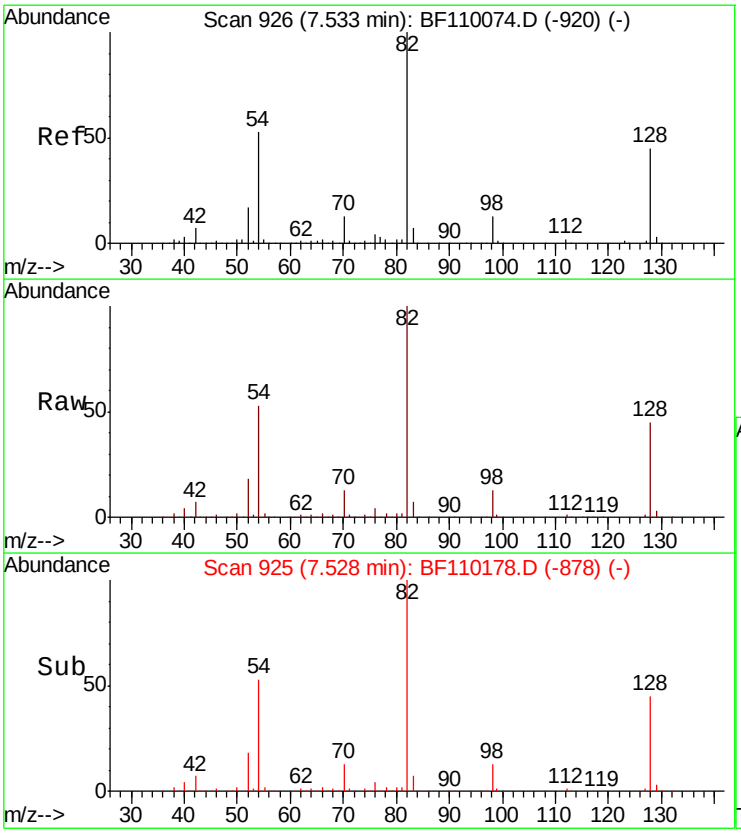
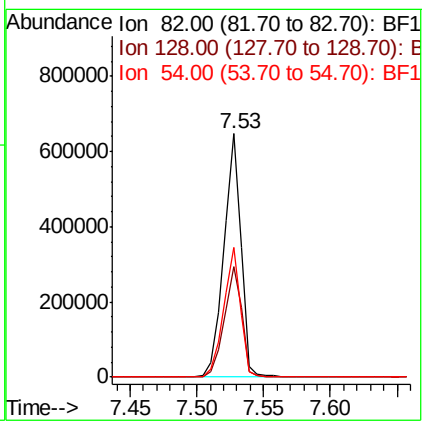
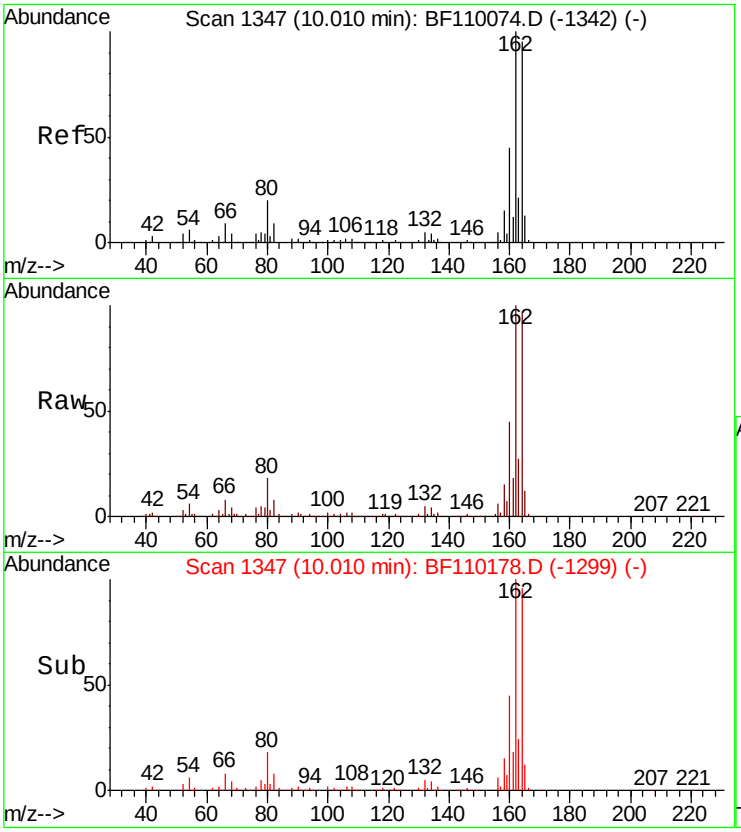


#23
Nitrobenzene-d5
Concen: 62.066 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110178.D
Acq: 25 Oct 2018 23:24

Tgt Ion: 82 Resp: 593702

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.2	51.2
54	53.1	38.6	58.0

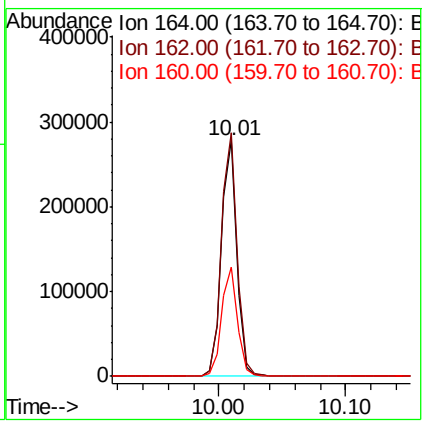




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110178.D
Acq: 25 Oct 2018 23:24

Tgt Ion:164 Resp: 236678

Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.0	124.6
160	46.4	37.0	55.6



Instrument :
BNA_F
ClientSampleId :
DW-08

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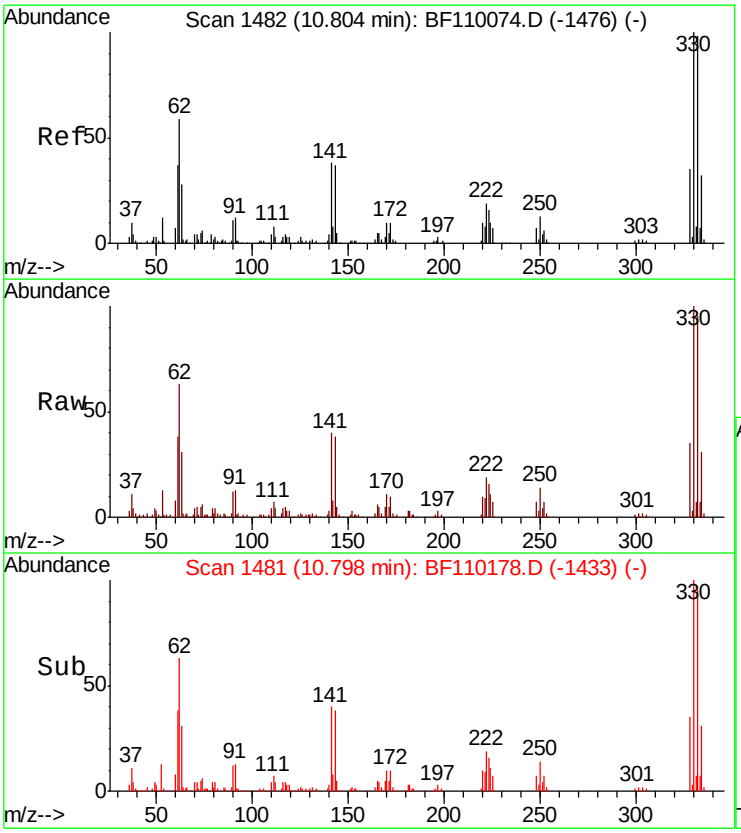
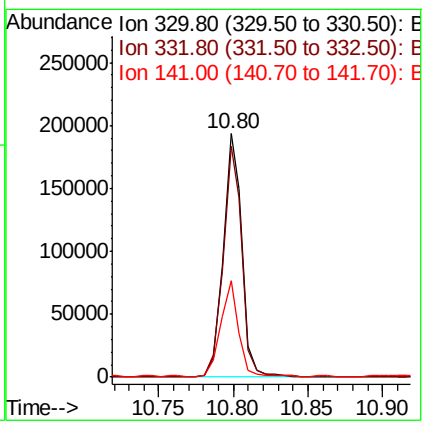
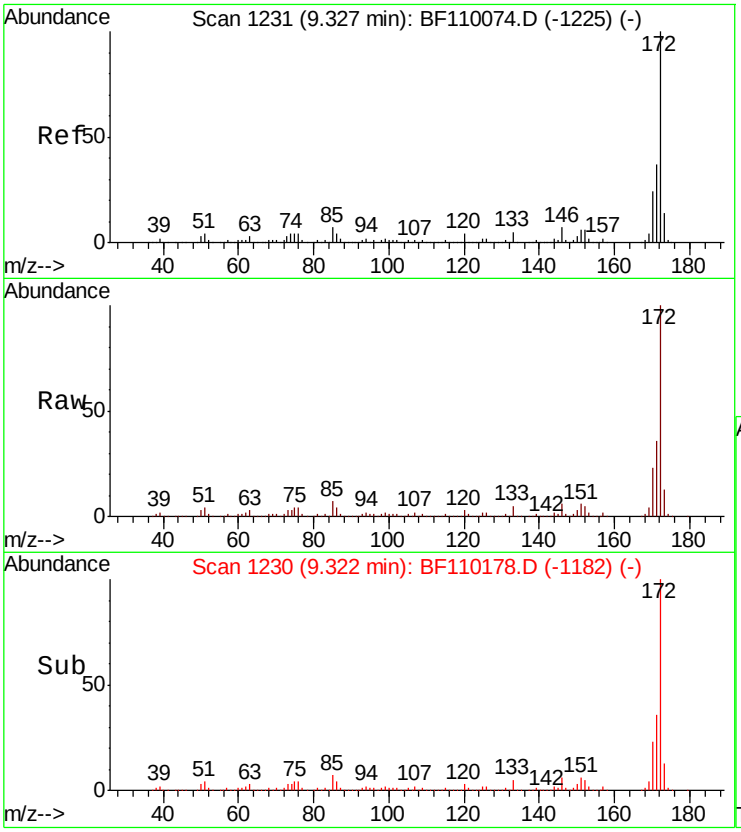


#42
2,4,6-Tribromophenol
Concen: 73.342 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF110178.D
Acq: 25 Oct 2018 23:24

Tgt Ion:330 Resp: 171947

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.1	115.7
141	37.0	27.0	40.4

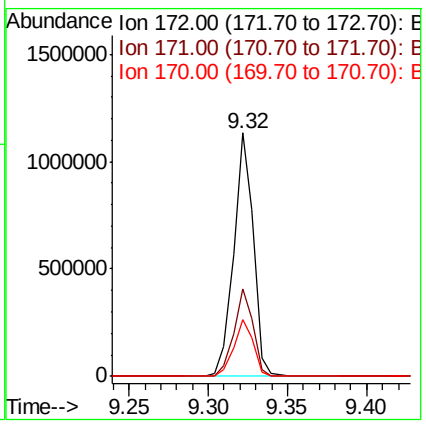




#45
2-Fluorobiphenyl
Concen: 64.547 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110178.D
Acq: 25 Oct 2018 23:24

Tgt Ion:172 Resp: 972885

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.3	19.7	29.5



Instrument :
BNA_F
ClientSampleId :
DW-08

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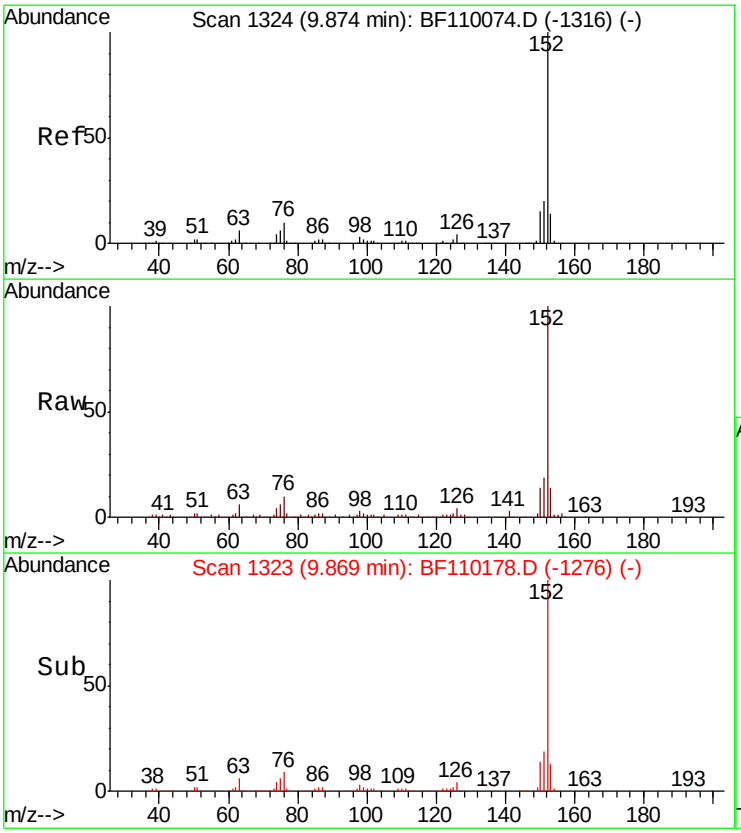
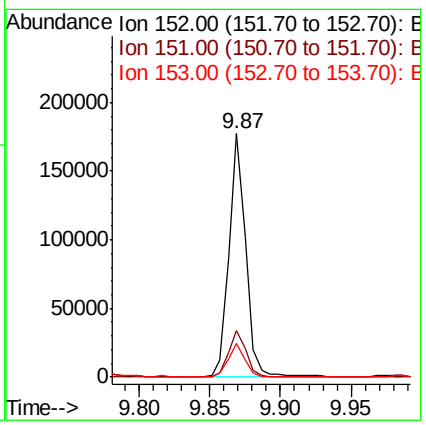
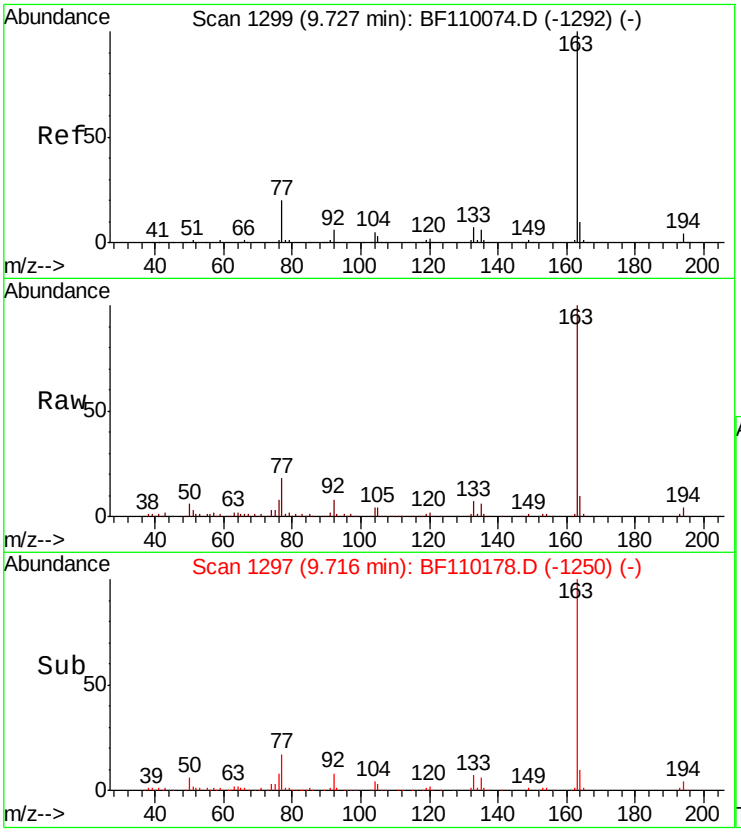


#49
Acenaphthylene
Concen: 6.494 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF110178.D
Acq: 25 Oct 2018 23:24

Tgt Ion:152 Resp: 147264

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.8	23.8
153	13.6	10.4	15.6

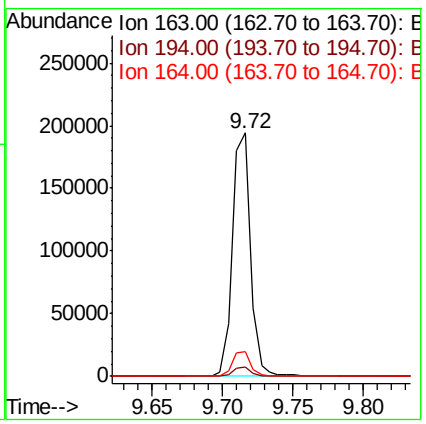




#50
Dimethylphthalate
Concen: 9.973 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110178.D
Acq: 25 Oct 2018 23:24

Tgt Ion:163 Resp: 174246

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	9.9	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
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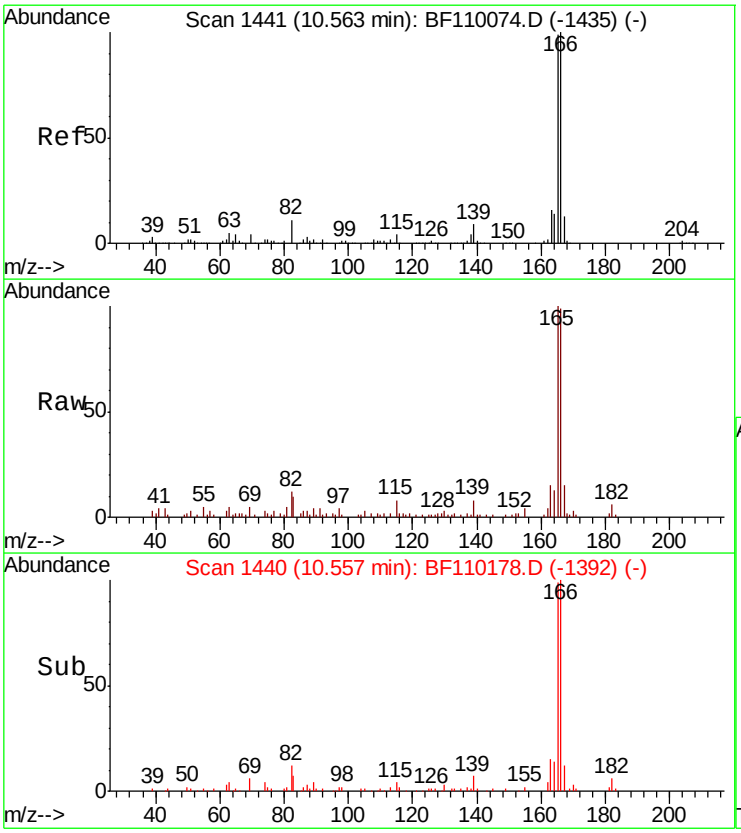
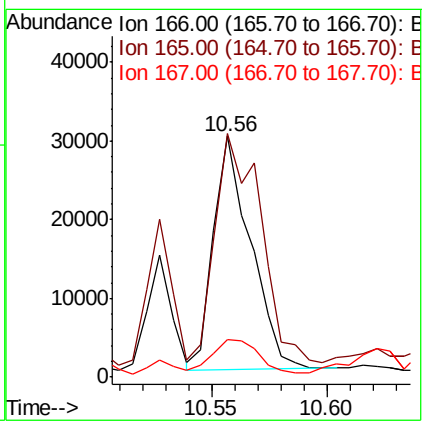
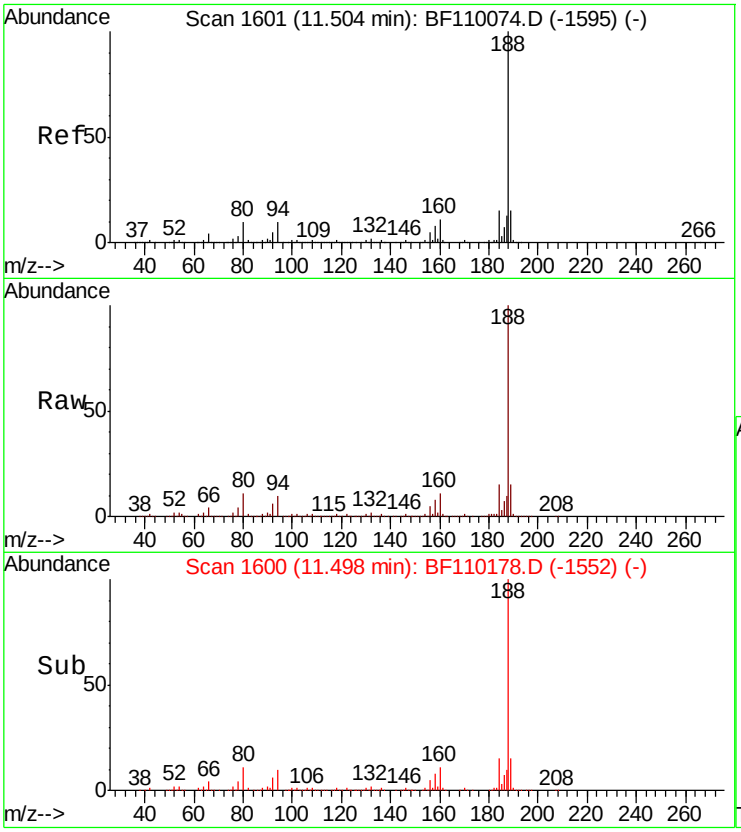


#58
Fluorene
Concen: 2.133 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF110178.D
Acq: 25 Oct 2018 23:24

Tgt Ion:166 Resp: 33345

Ion	Ratio	Lower	Upper
166	100		
165	101.0	78.6	117.8
167	15.4	10.8	16.2

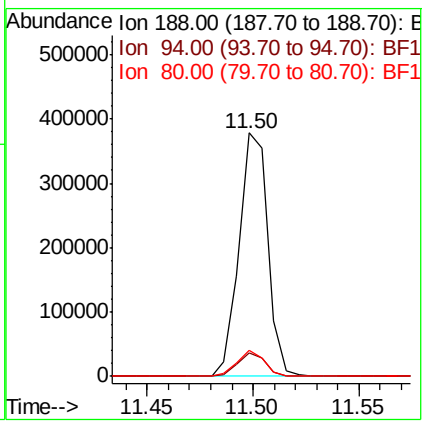




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF110178.D
Acq: 25 Oct 2018 23:24

Tgt Ion:188 Resp: 356785

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.2	10.8
80	10.6	7.9	11.9



Instrument :
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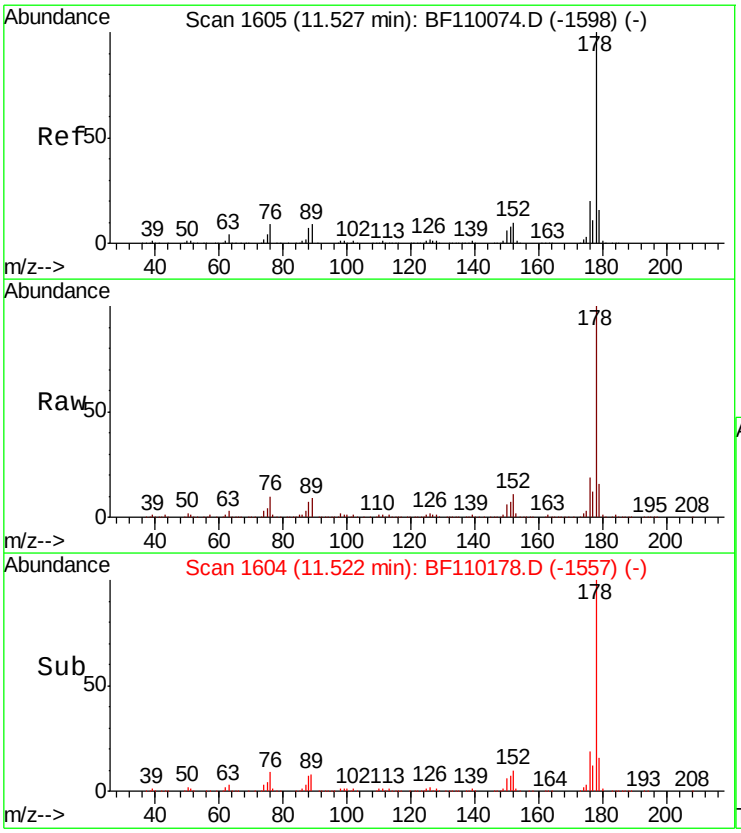
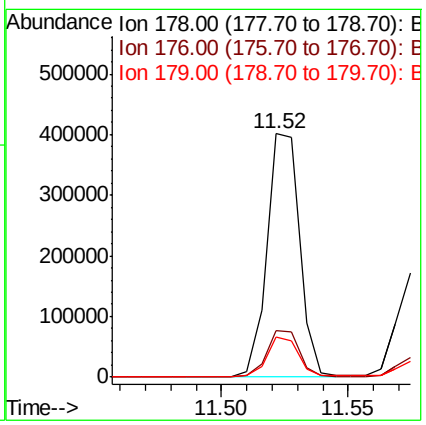
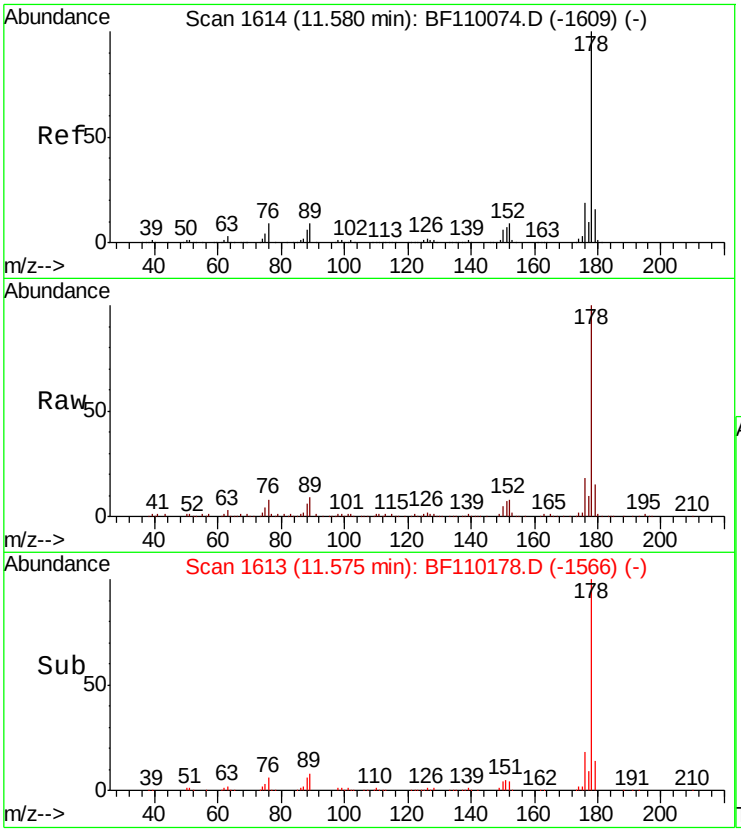


#71
Phenanthrene
Concen: 19.150 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BF110178.D
Acq: 25 Oct 2018 23:24

Tgt Ion:178 Resp: 357503

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	16.3	12.5	18.7

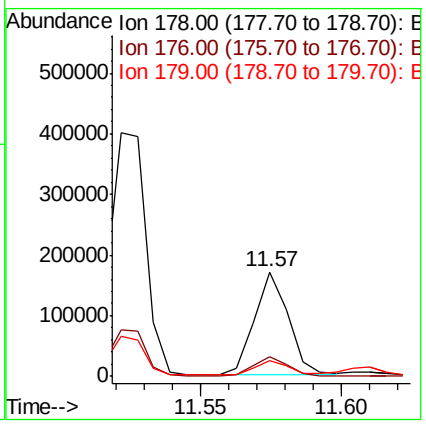




#72
Anthracene
Concen: 7.609 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF110178.D
Acq: 25 Oct 2018 23:24

Tgt Ion:178 Resp: 142381

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.1	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
DW-08

Manual Integrations APPROVED
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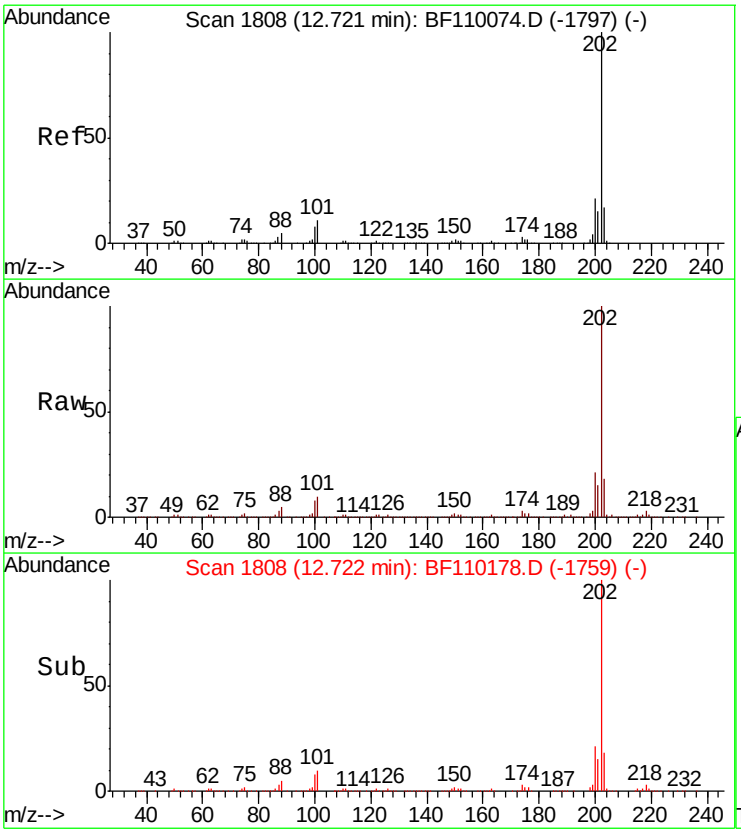
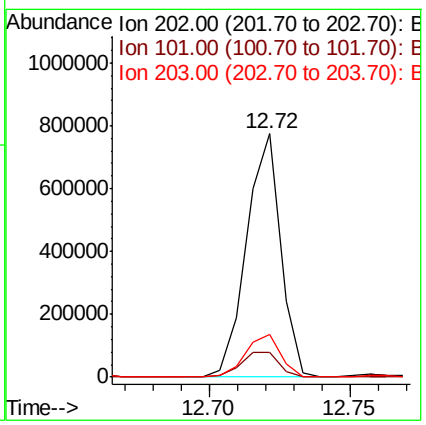
10/26/2018 3:49:29 PM

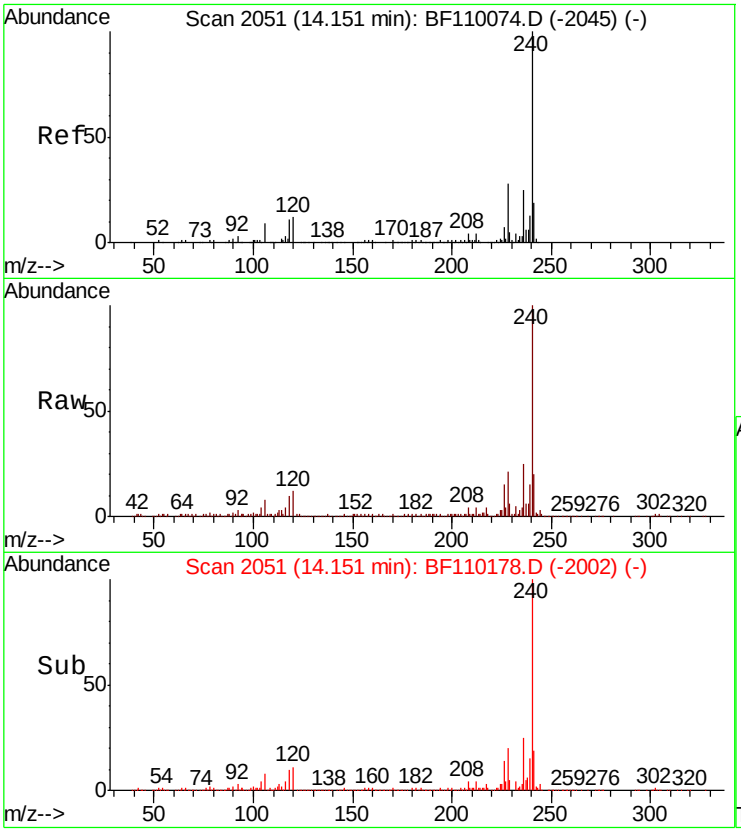


#75
Fluoranthene
Concen: 34.261 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF110178.D
Acq: 25 Oct 2018 23:24

Tgt Ion:202 Resp: 649136

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.4
203	17.7	0.0	37.7

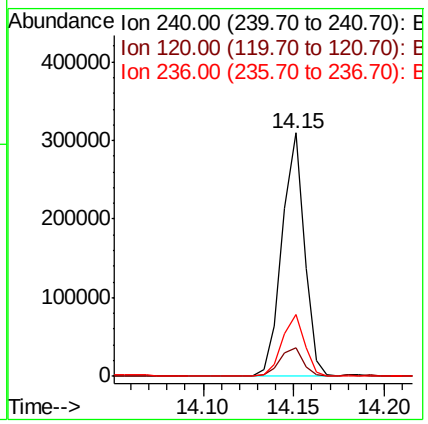




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110178.D
Acq: 25 Oct 2018 23:24

Tgt Ion:240 Resp: 266267

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.3	12.5
236	25.4	21.2	31.8



Instrument :
BNA_F
ClientSampleId :
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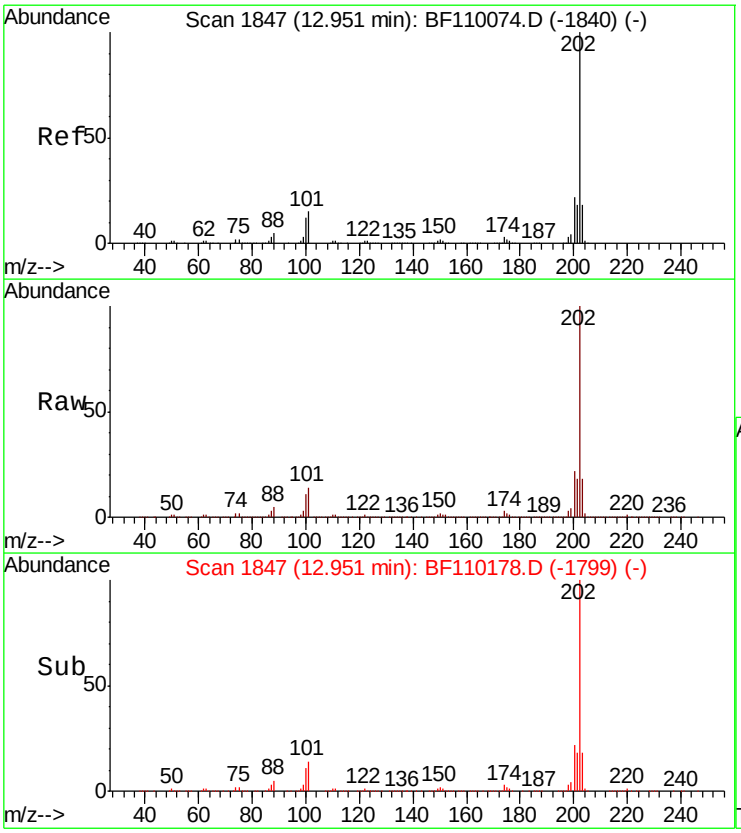
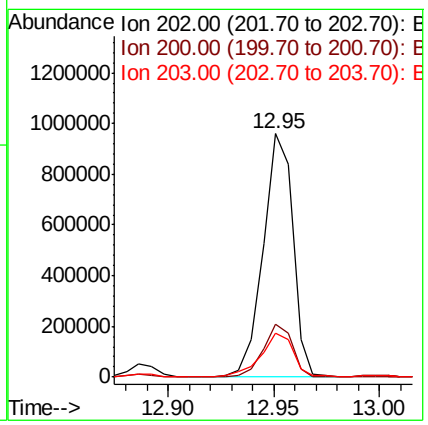
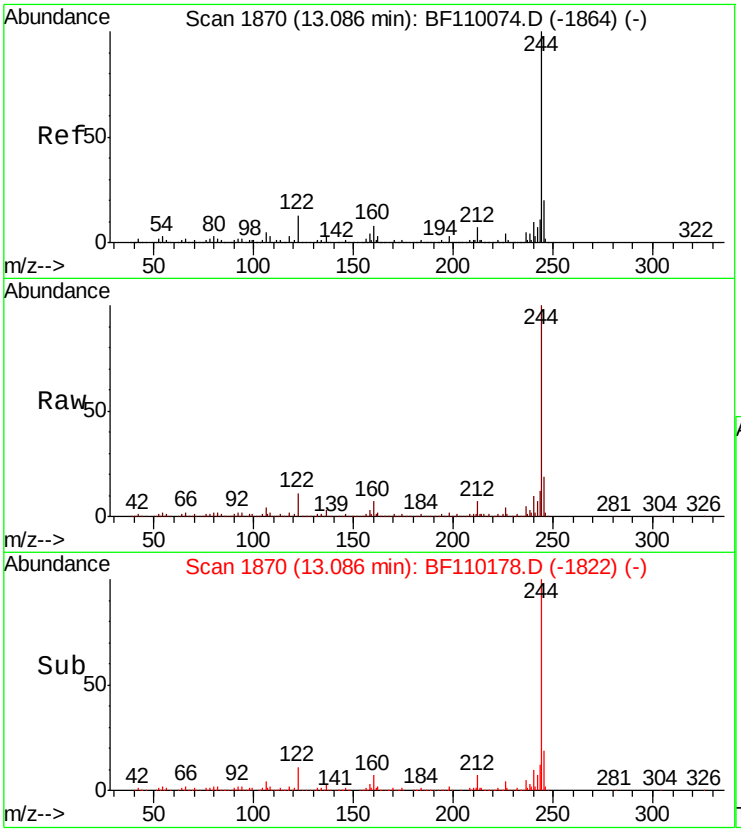


#78
Pyrene
Concen: 49.231 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF110178.D
Acq: 25 Oct 2018 23:24

Tgt Ion:202 Resp: 939769

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.8	26.6
203	17.8	14.2	21.4

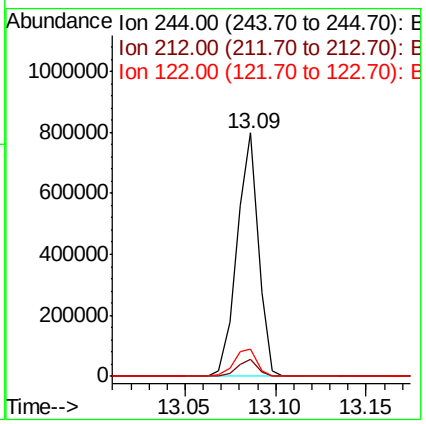




#79
Terphenyl-d14
Concen: 51.085 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110178.D
Acq: 25 Oct 2018 23:24

Tgt Ion:244 Resp: 654041

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.2	8.7	13.1



Instrument :
BNA_F
ClientSampleId :
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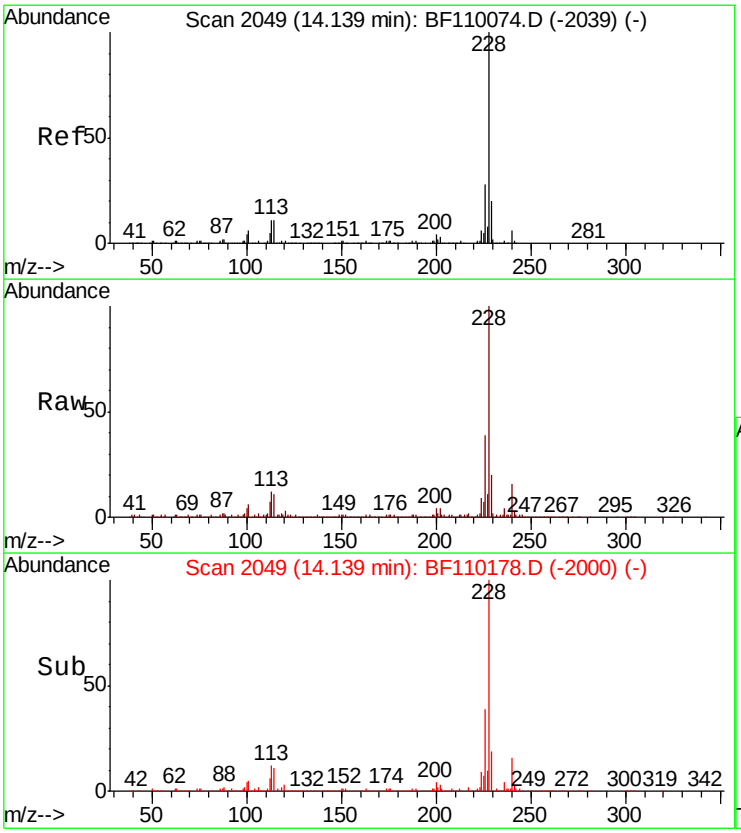
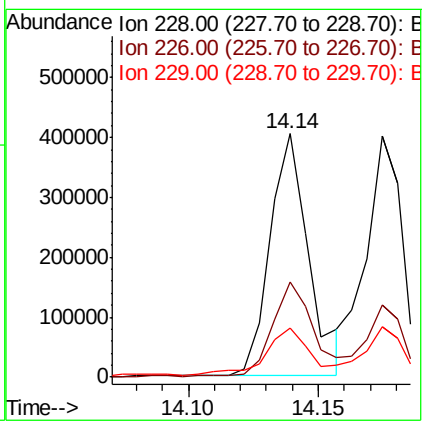
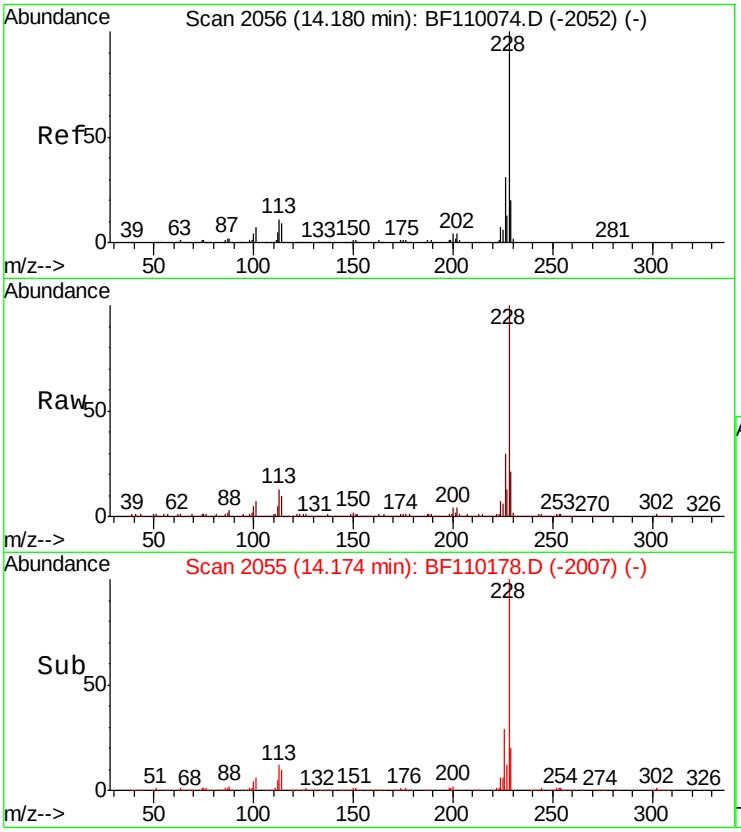


#81
Benzo(a)anthracene
Concen: 26.421 ng m
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF110178.D
Acq: 25 Oct 2018 23:24

Tgt Ion:228 Resp: 417185

Ion	Ratio	Lower	Upper
228	100		
226	39.0	22.1	33.1#
229	20.4	15.6	23.4

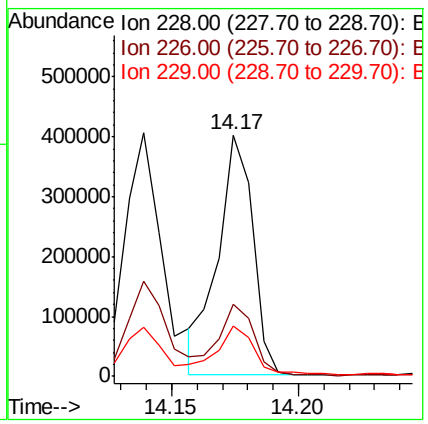




#83
Chrysene
Concen: 25.694 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BF110178.D
Acq: 25 Oct 2018 23:24

Tgt Ion:228 Resp: 385347

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.7	37.1
229	20.9	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
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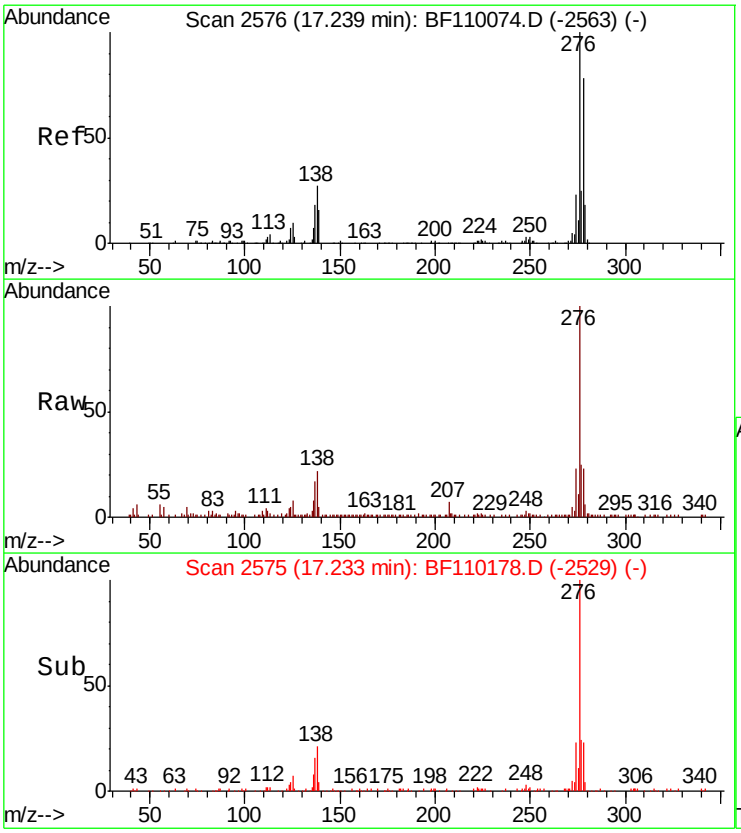
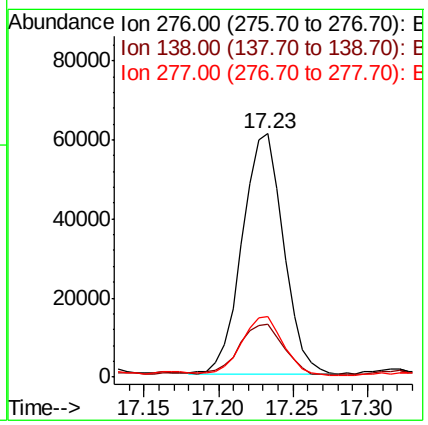
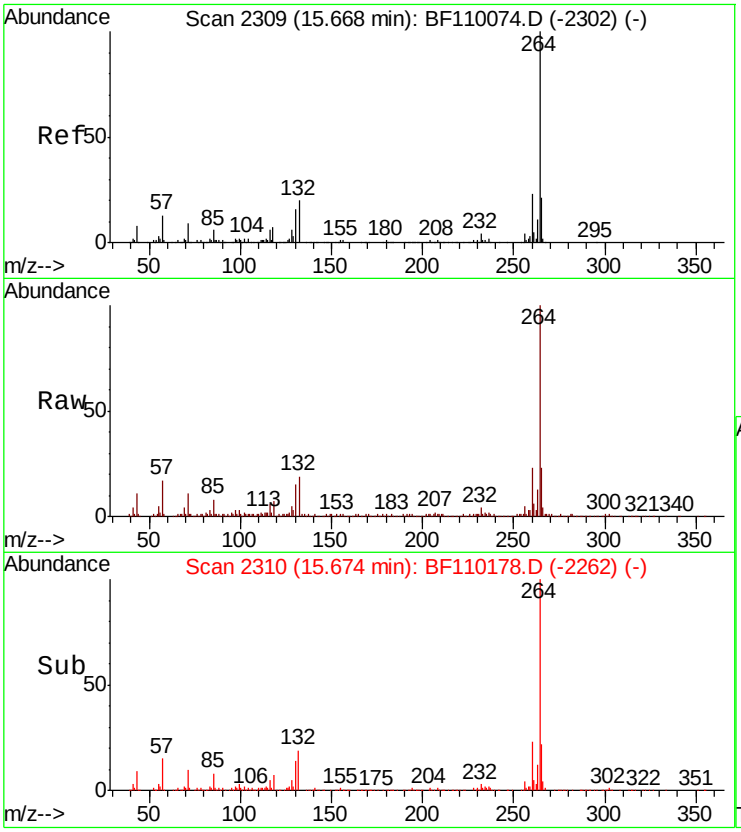


#86
Indeno(1,2,3-cd)pyrene
Concen: 9.279 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.03 min
Lab File: BF110178.D
Acq: 25 Oct 2018 23:24

Tgt Ion:276 Resp: 115449

Ion	Ratio	Lower	Upper
276	100		
138	22.9	18.5	27.7
277	25.2	20.0	30.0

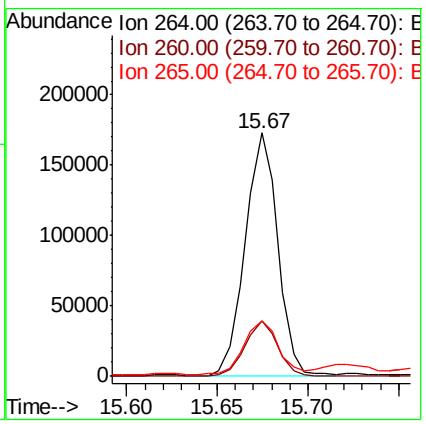




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BF110178.D
Acq: 25 Oct 2018 23:24

Tgt Ion:264 Resp: 215456

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	22.7	16.7	25.1



Instrument :
BNA_F
ClientSampleId :
DW-08

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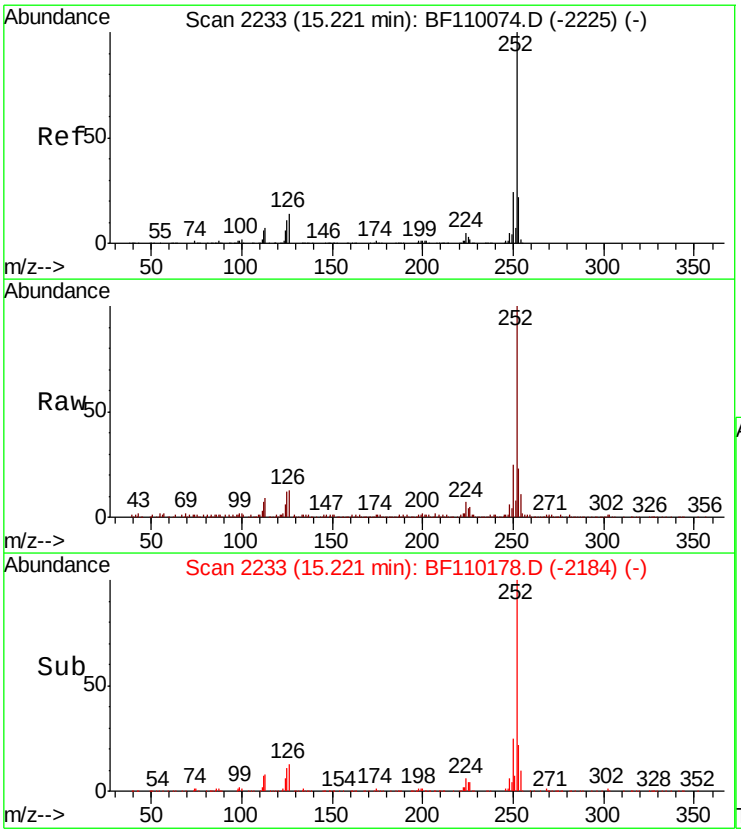
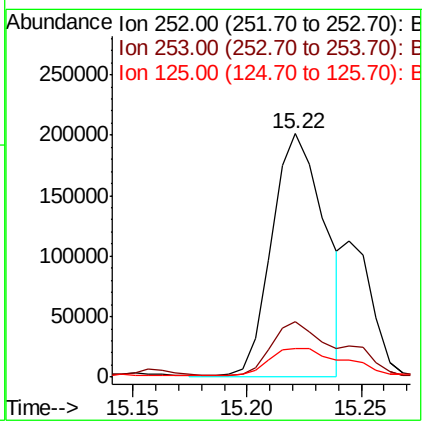
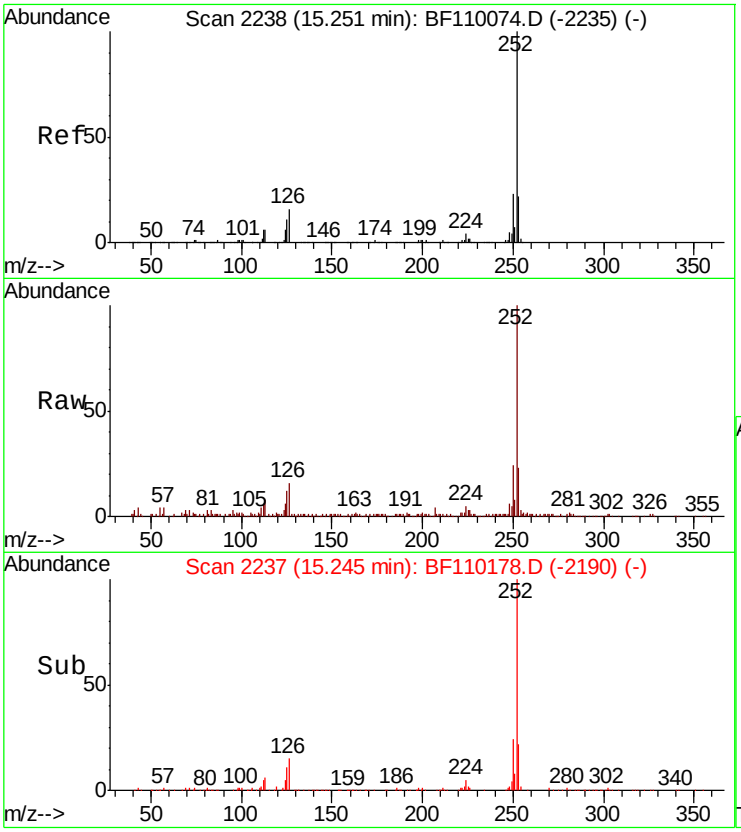


#88
Benzo(b)fluoranthene
Concen: 26.377 ng m
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF110178.D
Acq: 25 Oct 2018 23:24

Tgt Ion:252 Resp: 328175

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	11.6	8.2	12.4

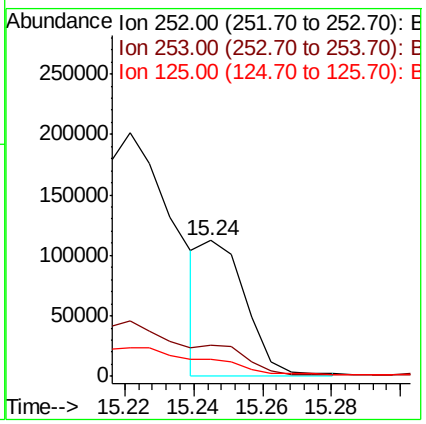




#89
Benzo(k)fluoranthene
Concen: 8.133 ng m
RT: 15.24 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF110178.D
Acq: 25 Oct 2018 23:24

Tgt Ion:252 Resp: 99480

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	12.4	7.4	11.0#



Instrument :
BNA_F
ClientSampleId :
DW-08

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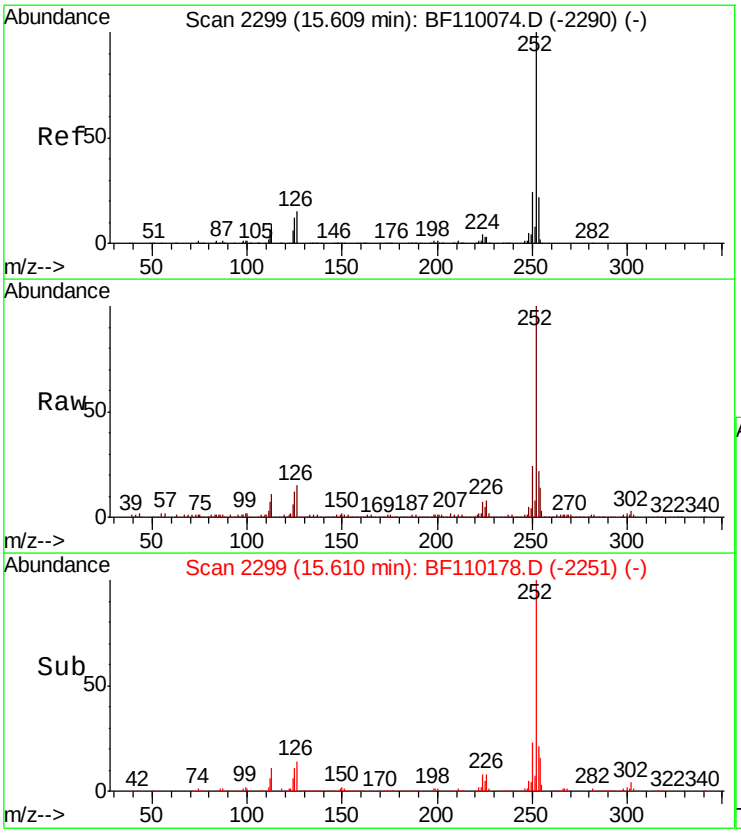
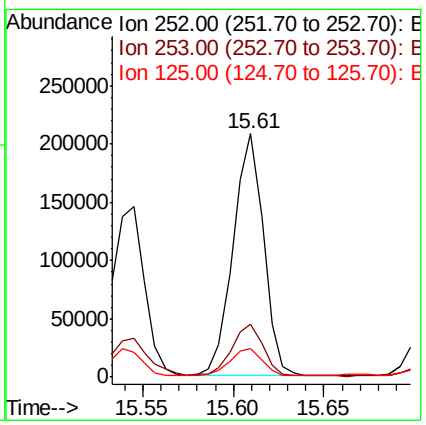
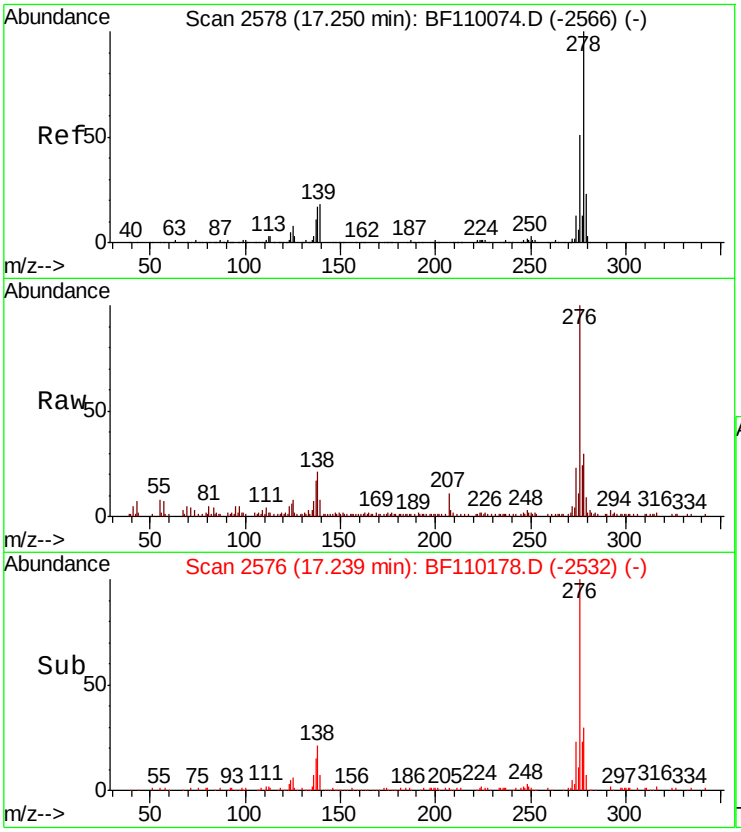


#90
Benzo(a)pyrene
Concen: 21.298 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BF110178.D
Acq: 25 Oct 2018 23:24

Tgt Ion:252 Resp: 243829

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	11.8	9.0	13.6

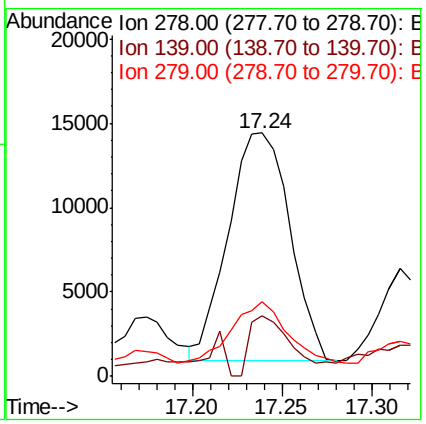




#91
Dibenzo(a,h)anthracene
Concen: 3.265 ng m
RT: 17.24 min Scan# 2576
Delta R.T. -0.04 min
Lab File: BF110178.D
Acq: 25 Oct 2018 23:24

Tgt Ion:278 Resp: 32254

Ion	Ratio	Lower	Upper
278	100		
139	25.1	12.7	19.1#
279	30.7	19.0	28.4#



Instrument :
BNA_F
ClientSampleId :
DW-08

Manual Integrations APPROVED
Sohil
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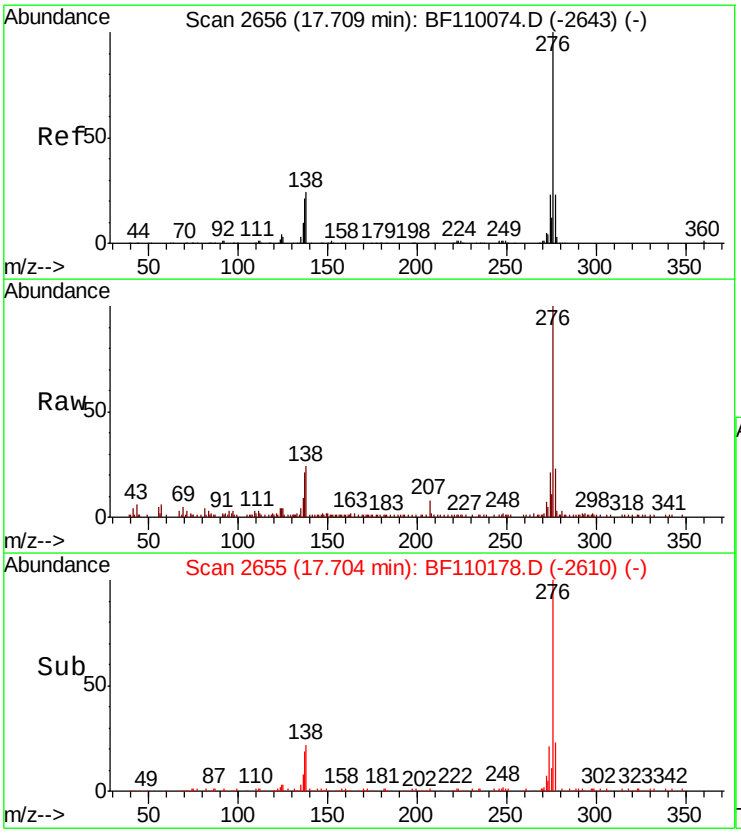

#92
Benzo(g,h,i)perylene
Concen: 12.257 ng
RT: 17.70 min Scan# 2655
Delta R.T. -0.04 min
Lab File: BF110178.D
Acq: 25 Oct 2018 23:24

Tgt Ion:276 Resp: 119317

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	24.2	16.0	24.0#