Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109625.D
Acq On : 5 Oct 2018 22:56
Operator : JU/SJ
Sample : J5263-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRID15-COMP-100318

Manual Integrations APPROVED
Sohil
10/8/2018 12:21:35 PM

Quant Time: Oct 06 06:54:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	97236	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	384820	20.00	ng		-0.01
38) Acenaphthene-d10	9.73	164	160204	20.00	ng		-0.01
63) Phenanthrene-d10	11.21	188	246690	20.00	ng		0.00
75) Chrysene-d12	13.83	240	222567	20.00	ng		-0.01
86) Perylene-d12	15.24	264	219223	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	398264	67.46	ng		0.00
7) Phenol-d6	6.35	99	531390	70.54	ng		0.00
23) Nitrobenzene-d5	7.26	82	344806	52.89	ng		-0.02
41) 2,4,6-Tribromophenol	10.52	330	102423	64.85	ng		-0.02
44) 2-Fluorobiphenyl	9.06	172	501778	47.24	ng		-0.02
78) Terphenyl-d14	12.79	244	356359	39.29	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.36	94	23153	2.714	ng	#	62
31) Naphthalene	8.00	128	36809	2.047	ng		96
48) Acenaphthylene	9.59	152	31611	2.009	ng		99
49) Dimethylphthalate	9.45	163	58878	5.053	ng	#	98
54) Dibenzofuran	9.93	168	31411	2.221	ng	#	91
57) Fluorene	10.27	166	43184	4.279	ng		95
70) Phenanthrene	11.23	178	292400	23.739	ng		98
71) Anthracene	11.29	178	107071	8.571	ng		99
74) Fluoranthene	12.42	202	327697	24.895	ng		95
77) Pyrene	12.64	202	279424	17.518	ng		99
80) Benzo(a)anthracene	13.83	228	194662	14.521	ng		94
82) Chrysene	13.86	228	151880	11.430	ng		97
85) Indeno(1,2,3-cd)pyrene	16.59	276	45950	4.266	ng	#	93
87) Benzo(b)fluoranthene	14.84	252	167494m	13.904	ng		
88) Benzo(k)fluoranthene	14.86	252	70693m	6.184	ng		
89) Benzo(a)pyrene	15.18	252	126727	11.675	ng		96
91) Benzo(g,h,i)perylene	16.99	276	41517	4.744	ng	#	92

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

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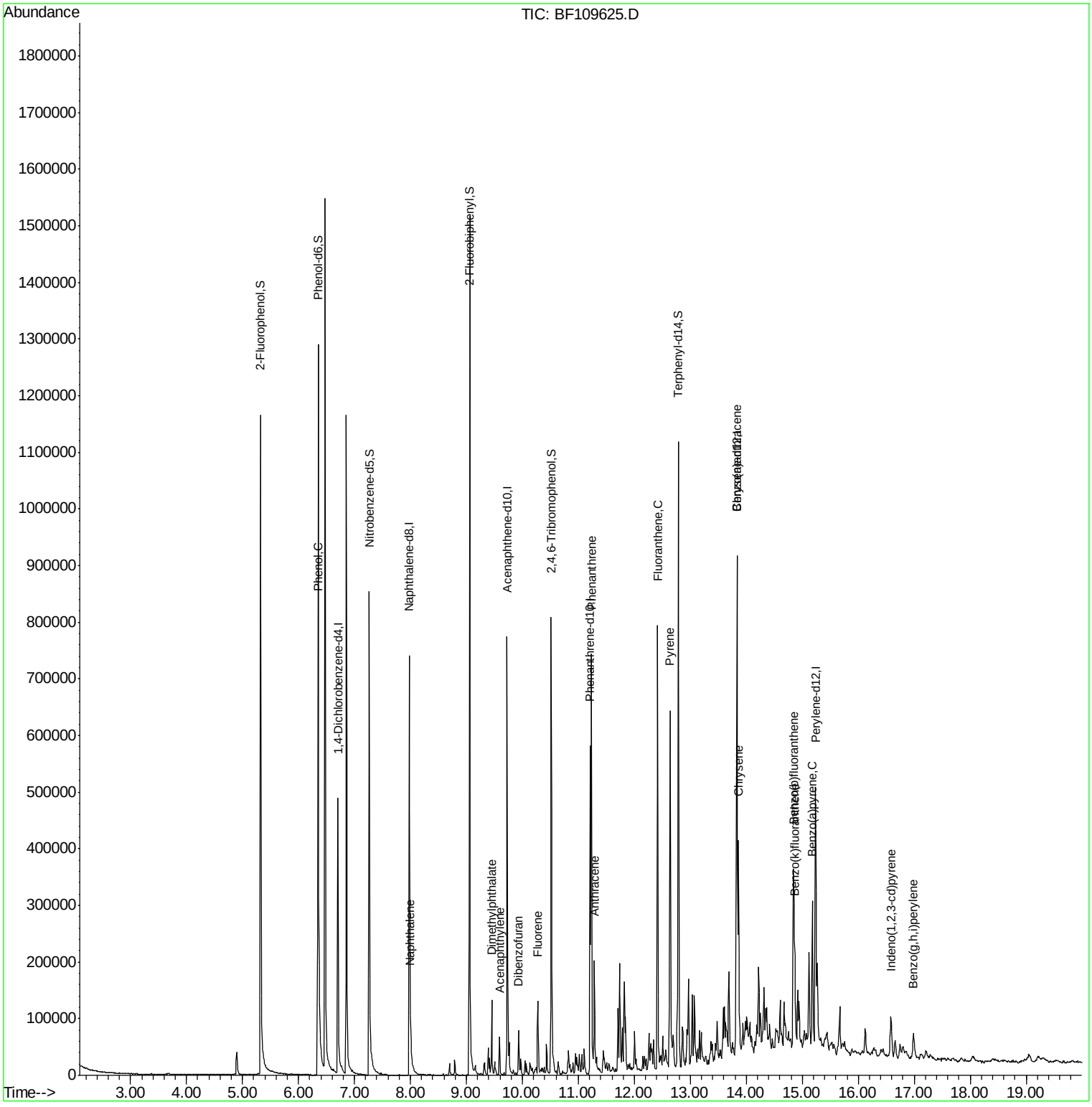
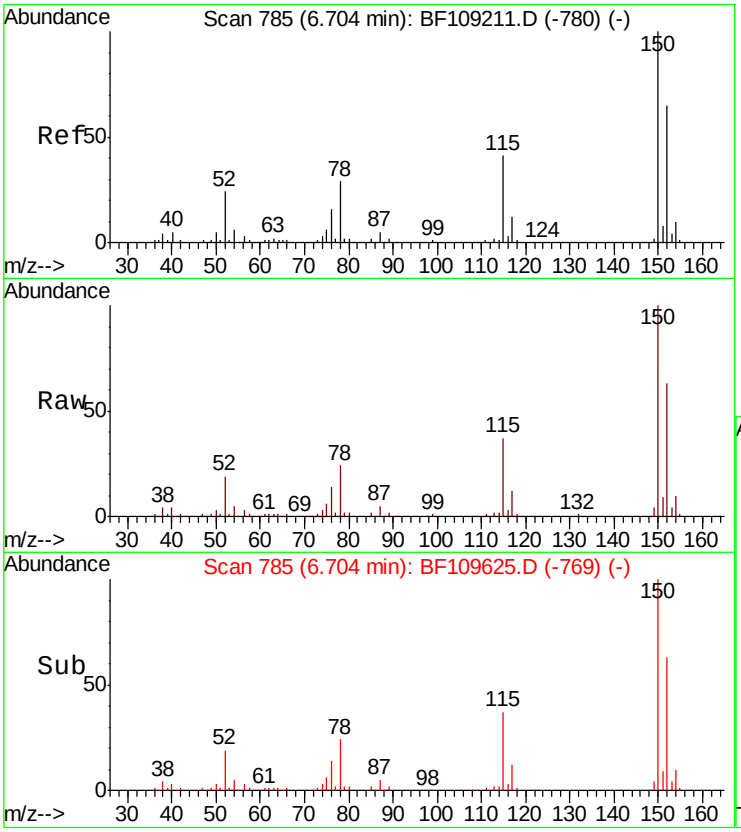
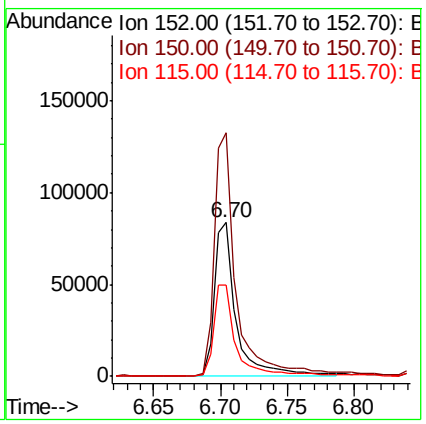




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109625.D
Acq: 5 Oct 2018 22:56

Tgt Ion:152 Resp: 97236

Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	59.1	50.1	75.1



Instrument :
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ClientSampleId :
GRID15-COMP-100318

Manual Integrations APPROVED
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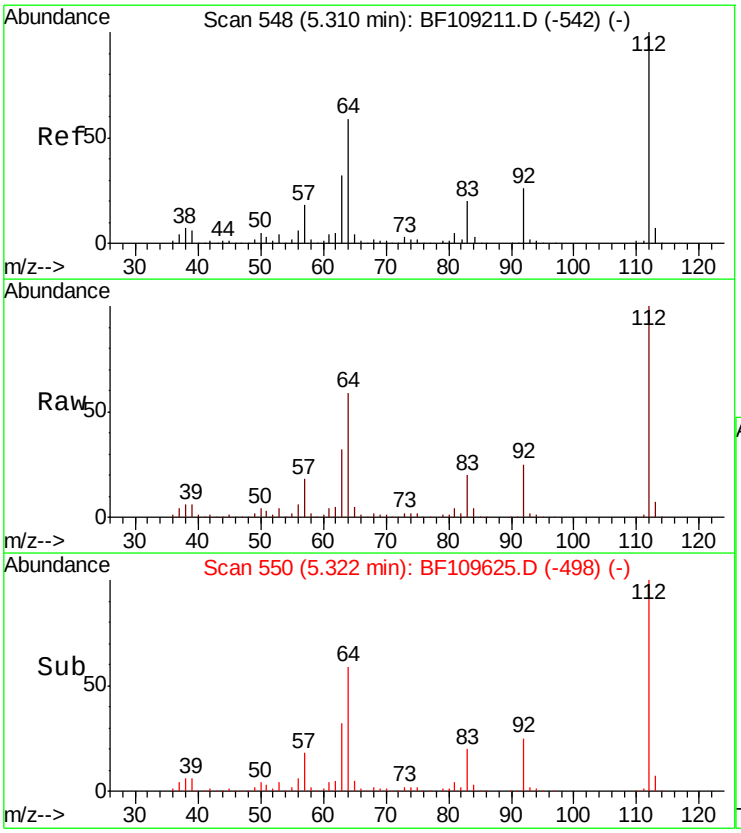
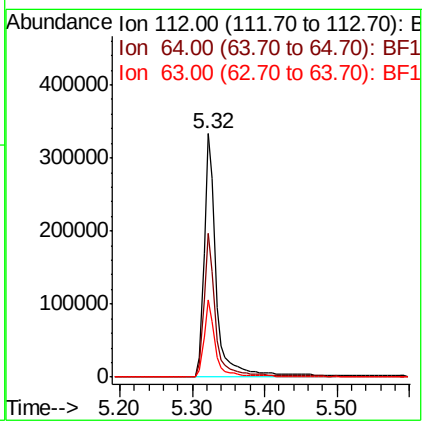
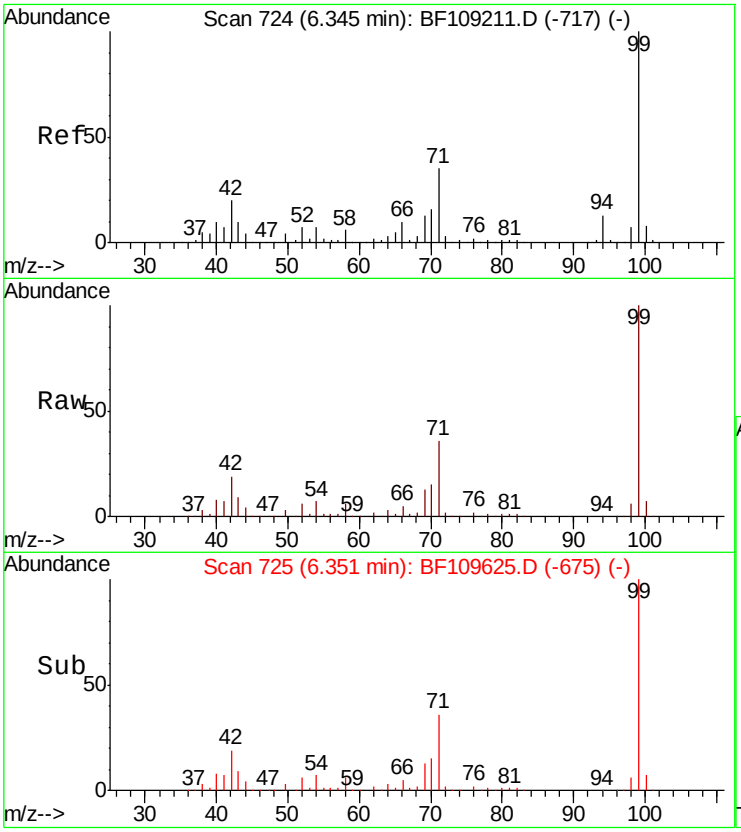


#5
2-Fluorophenol
Concen: 67.462 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109625.D
Acq: 5 Oct 2018 22:56

Tgt Ion:112 Resp: 398264

Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.9	71.9
63	31.8	23.7	35.5

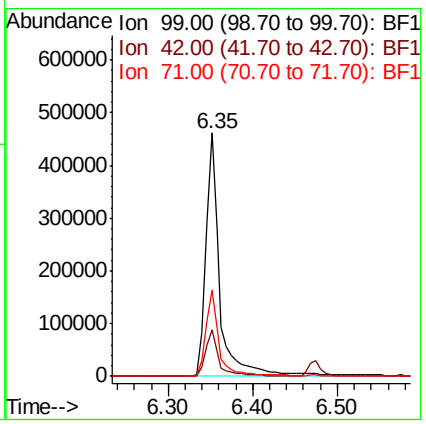




#7
Phenol-d6
Concen: 70.540 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF109625.D
Acq: 5 Oct 2018 22:56

Tgt Ion: 99 Resp: 531390

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.5	21.7
71	35.6	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
GRID15-COMP-100318

Manual Integrations APPROVED
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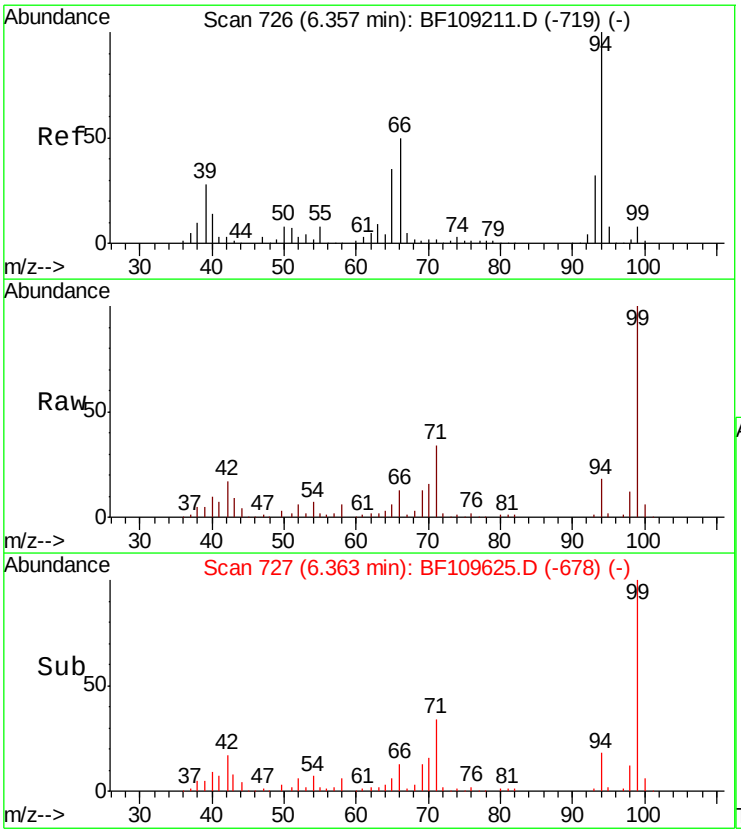
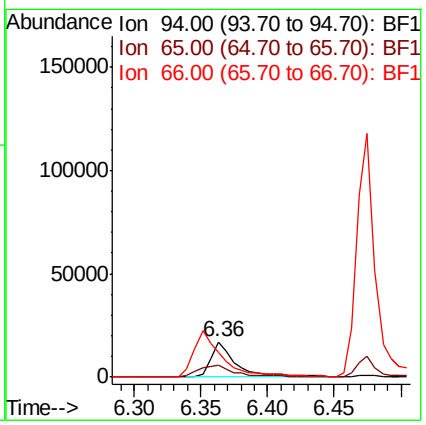
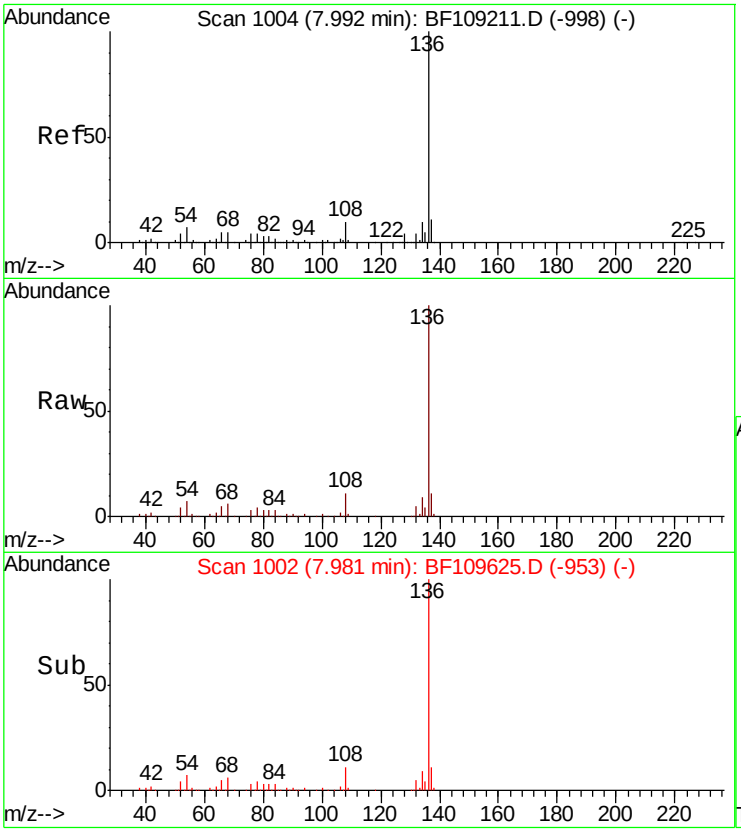


#10
Phenol
Concen: 2.714 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF109625.D
Acq: 5 Oct 2018 22:56

Tgt Ion: 94 Resp: 23153

Ion	Ratio	Lower	Upper
94	100		
65	35.6	7.9	47.9
66	69.0	16.2	56.2#

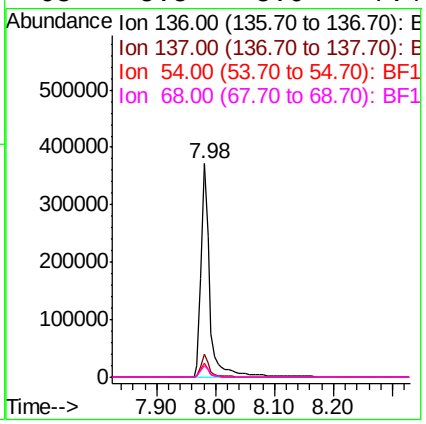




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109625.D
Acq: 5 Oct 2018 22:56

Tgt Ion:136 Resp: 384820

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.9	6.6	9.8
68	5.5	5.0	7.4



Instrument :
BNA_F
ClientSampleId :
GRID15-COMP-100318

Manual Integrations APPROVED
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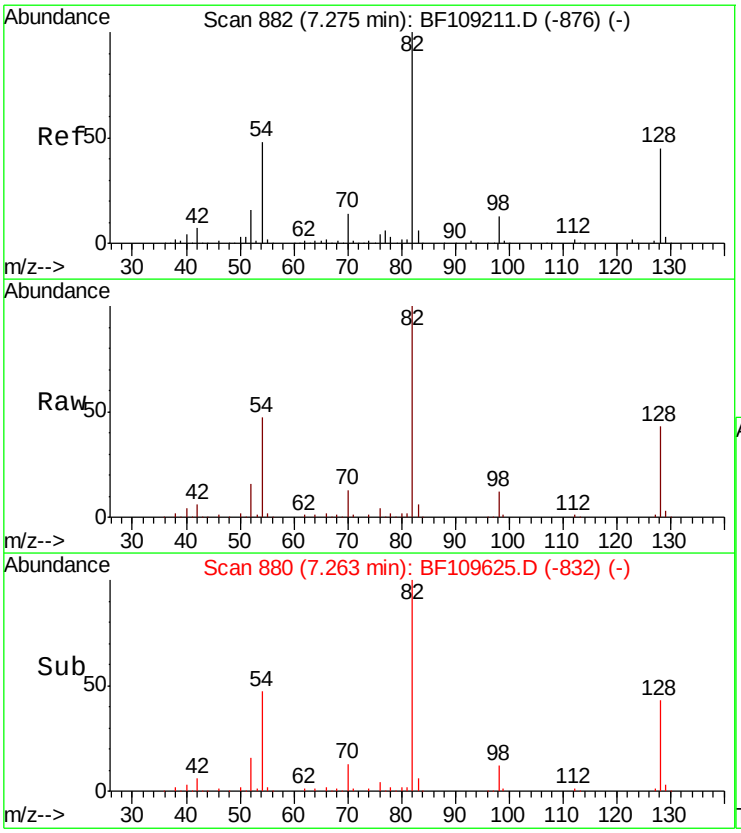
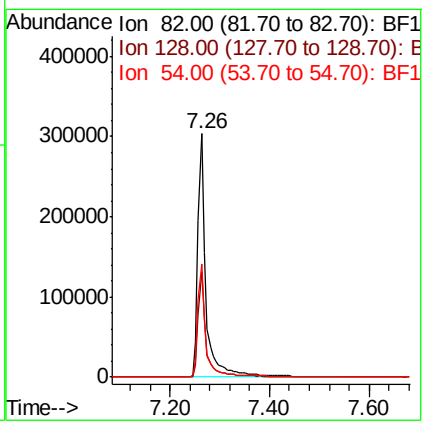
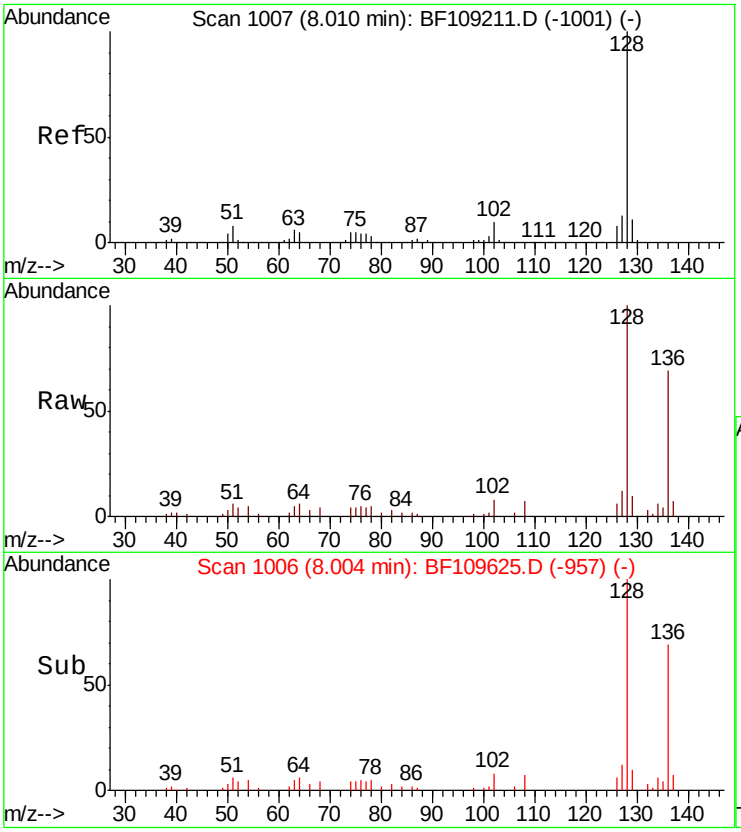


#23
Nitrobenzene-d5
Concen: 52.893 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109625.D
Acq: 5 Oct 2018 22:56

Tgt Ion: 82 Resp: 344806

Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.1	54.1
54	46.6	41.4	62.2

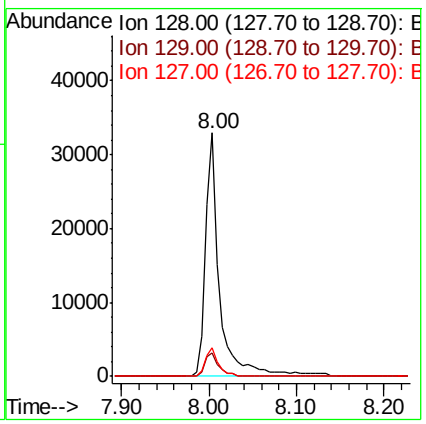




#31
Naphthalene
Concen: 2.047 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF109625.D
Acq: 5 Oct 2018 22:56

Tgt Ion:128 Resp: 36809

Ion	Ratio	Lower	Upper
128	100		
129	9.8	8.8	13.2
127	11.9	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
GRID15-COMP-100318

Manual Integrations APPROVED
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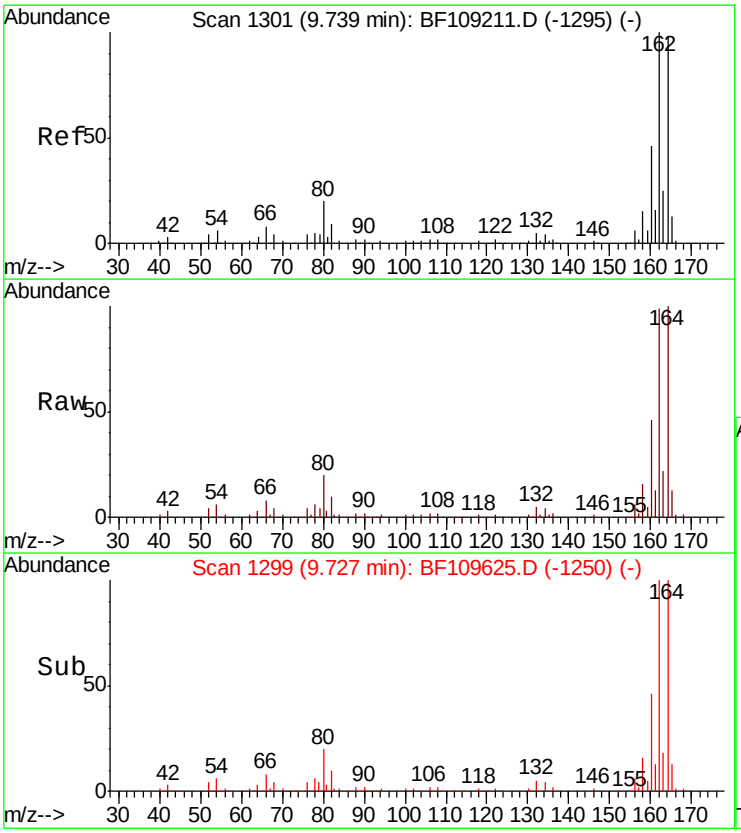
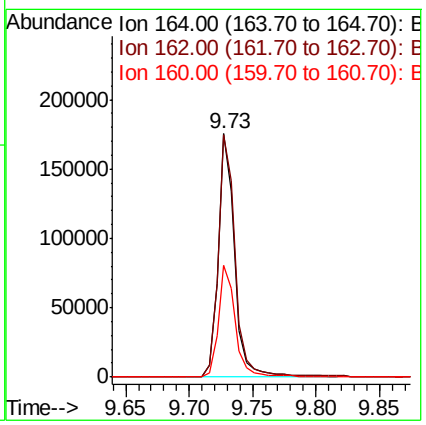
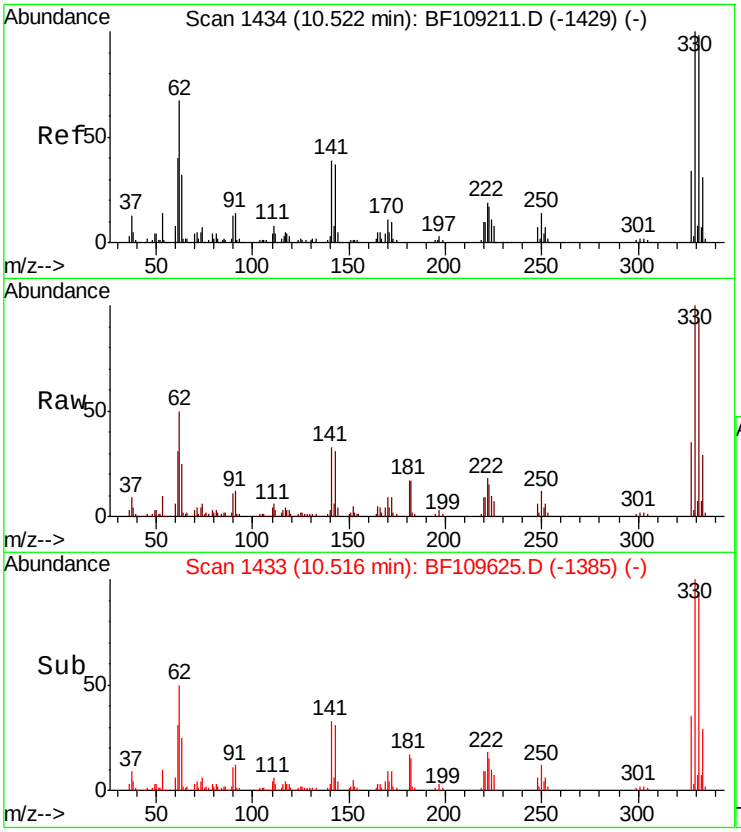


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109625.D
Acq: 5 Oct 2018 22:56

Tgt Ion:164 Resp: 160204

Ion	Ratio	Lower	Upper
164	100		
162	99.5	86.1	129.1
160	45.8	38.3	57.5





#41
2,4,6-Tribromophenol
Concen: 64.854 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF109625.D
Acq: 5 Oct 2018 22:56

Tgt Ion:330 Resp: 102423

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	34.1	29.9	44.9

Instrument :
BNA_F
ClientSampleId :
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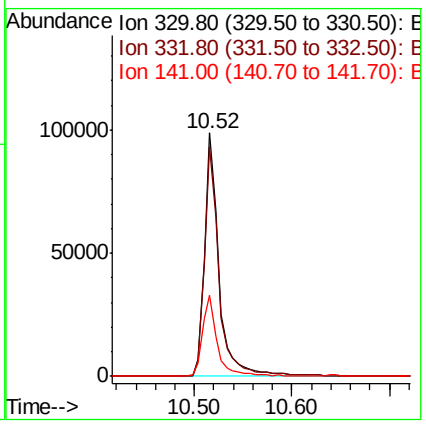
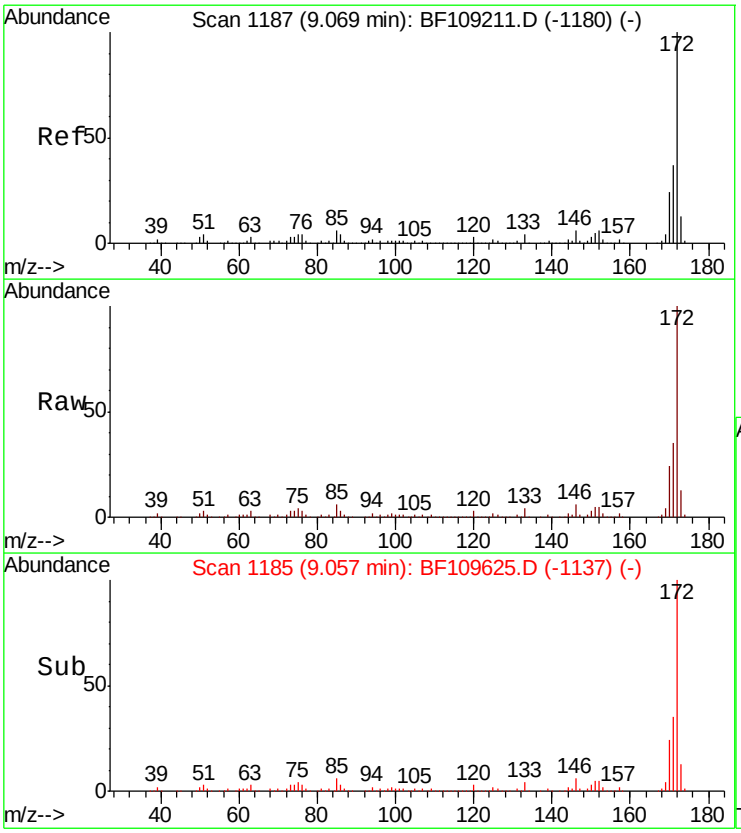
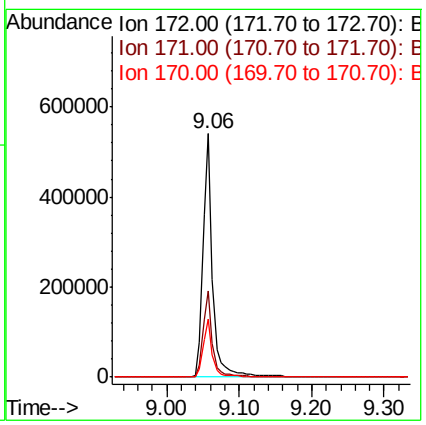


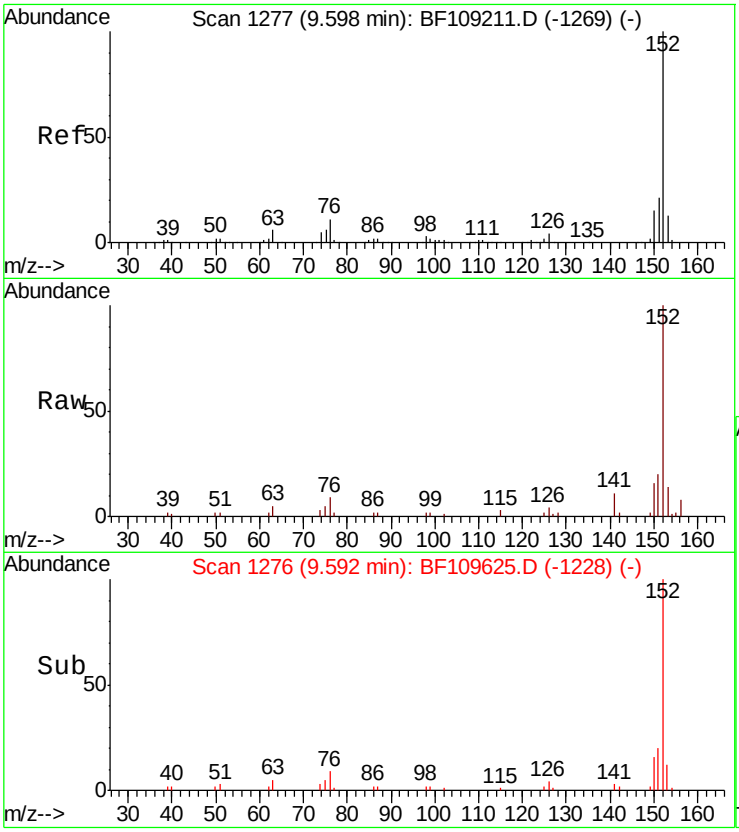


#44
2-Fluorobiphenyl
Concen: 47.238 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF109625.D
Acq: 5 Oct 2018 22:56

Tgt Ion:172 Resp: 501778

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.7	19.6	29.4

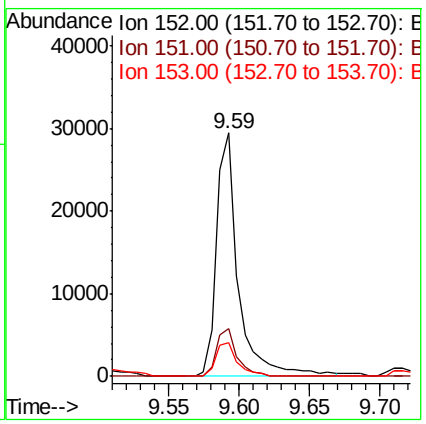




#48
Acenaphthylene
Concen: 2.009 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF109625.D
Acq: 5 Oct 2018 22:56

Tgt Ion:152 Resp: 31611

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.3	24.5
153	13.8	10.7	16.1



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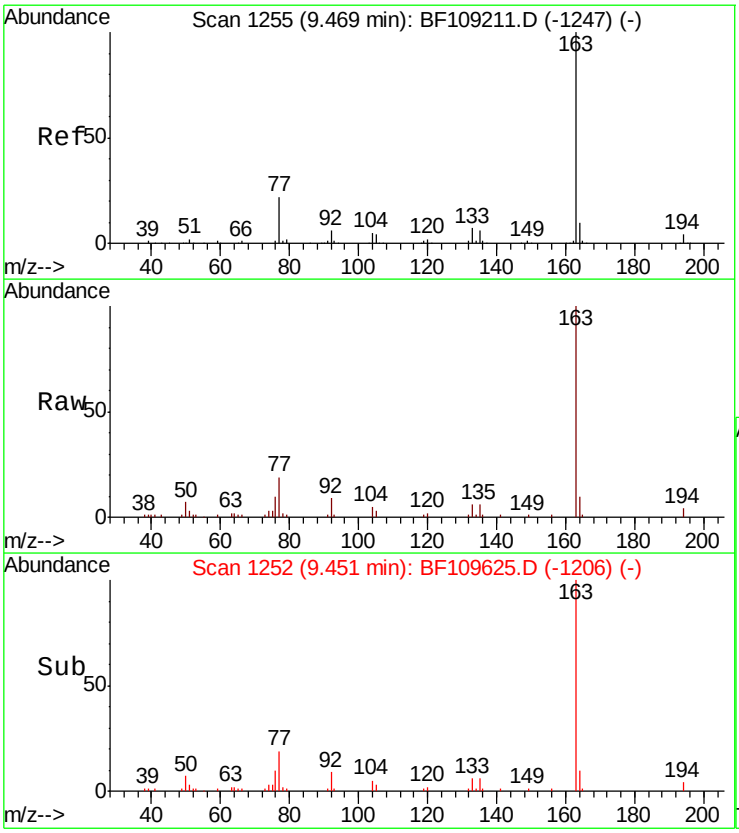
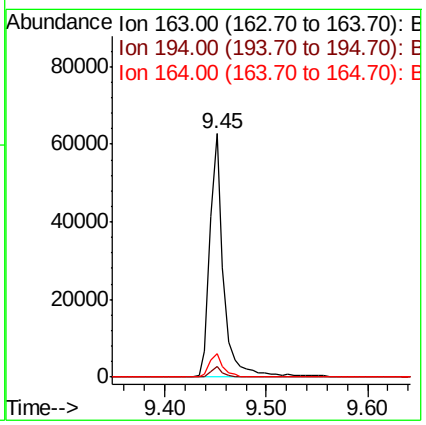
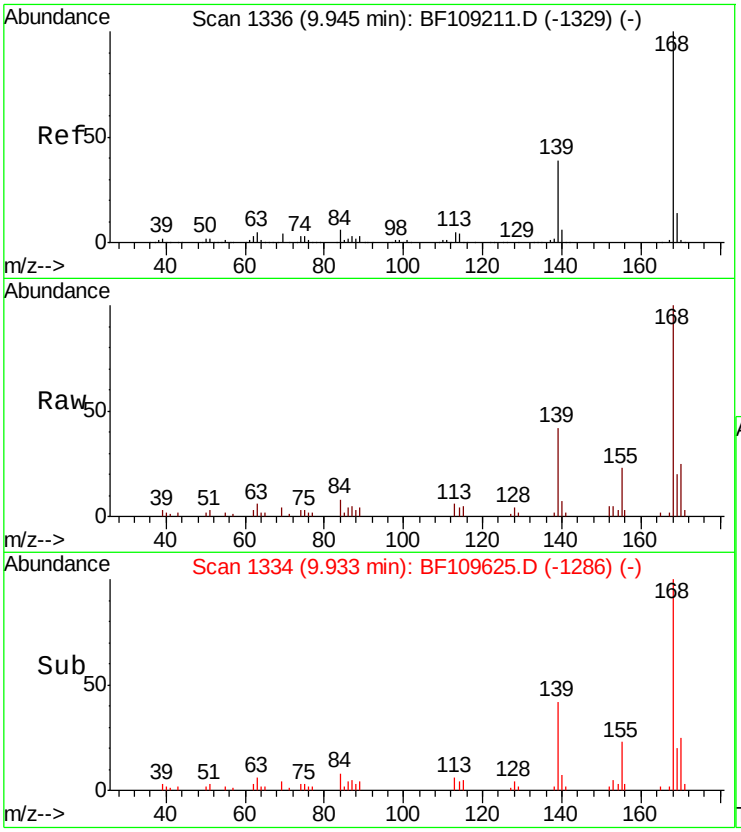


#49
Dimethylphthalate
Concen: 5.053 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109625.D
Acq: 5 Oct 2018 22:56

Tgt Ion:163 Resp: 58878

Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	9.7	8.2	12.2

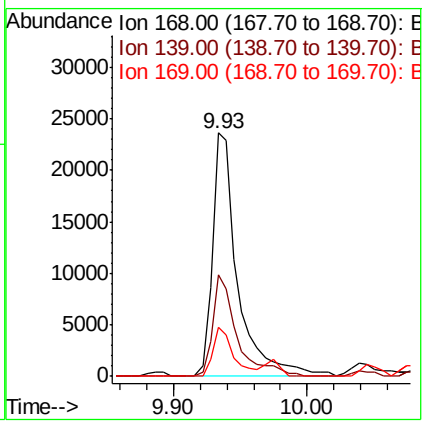




#54
Dibenzofuran
Concen: 2.221 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF109625.D
Acq: 5 Oct 2018 22:56

Tgt Ion:168 Resp: 31411

Ion	Ratio	Lower	Upper
168	100		
139	41.7	30.1	45.1
169	19.9	10.9	16.3#



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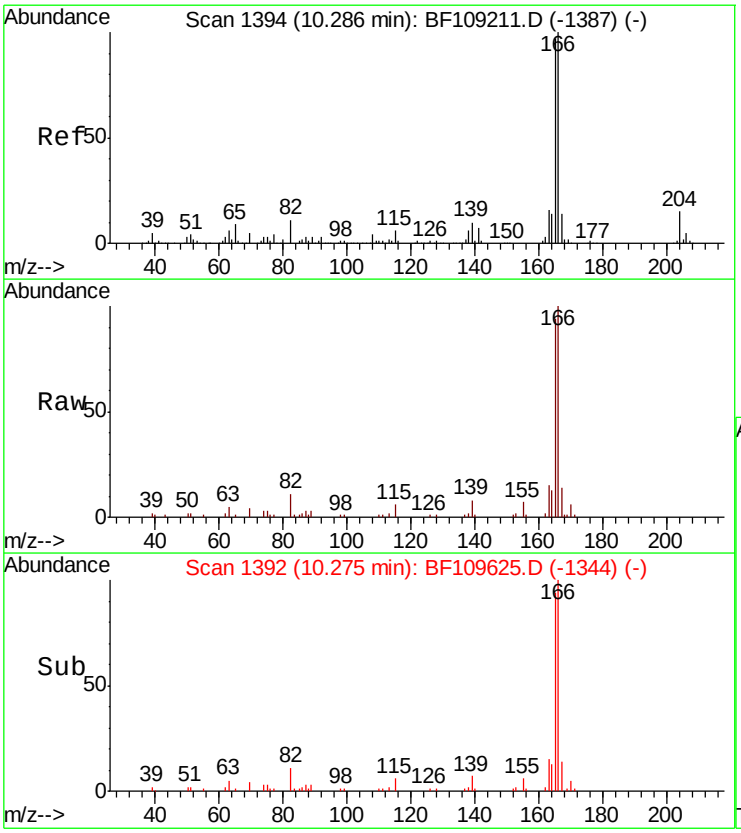
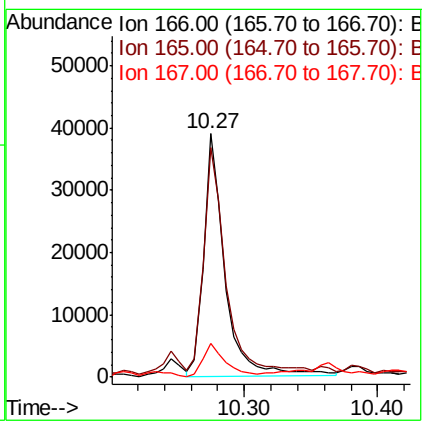
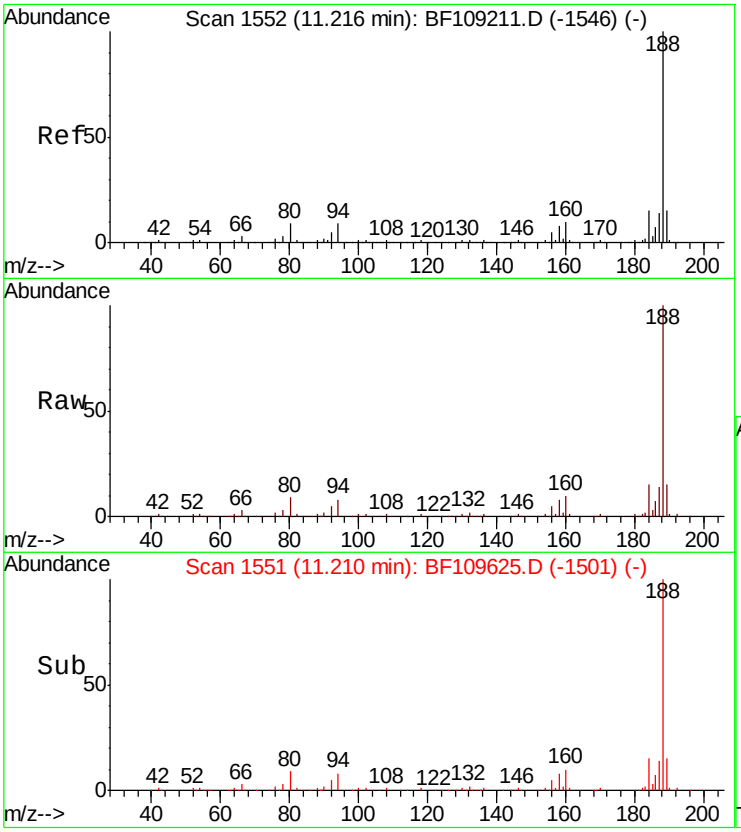


#57
Fluorene
Concen: 4.279 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.02 min
Lab File: BF109625.D
Acq: 5 Oct 2018 22:56

Tgt Ion:166 Resp: 43184

Ion	Ratio	Lower	Upper
166	100		
165	94.5	79.8	119.8
167	13.7	10.6	16.0





#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109625.D
Acq: 5 Oct 2018 22:56

Tgt Ion:188 Resp: 246690

Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	8.6	9.2	13.8#

Instrument :
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ClientSampleId :
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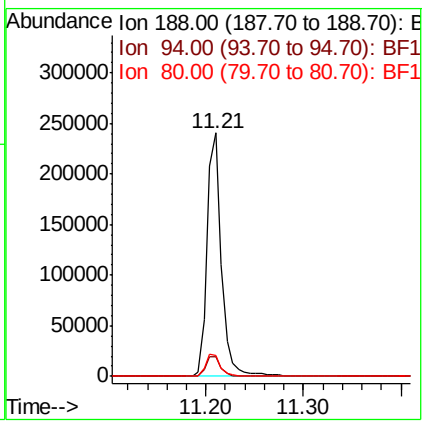
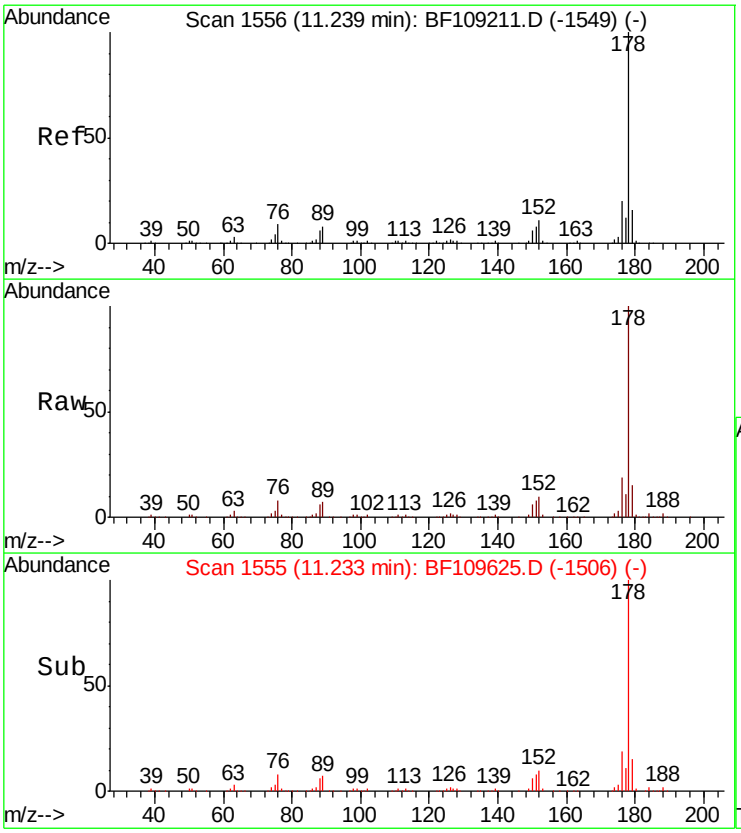
10/8/2018 12:21:35 PM

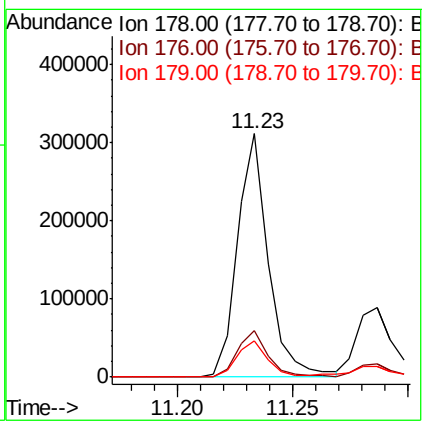


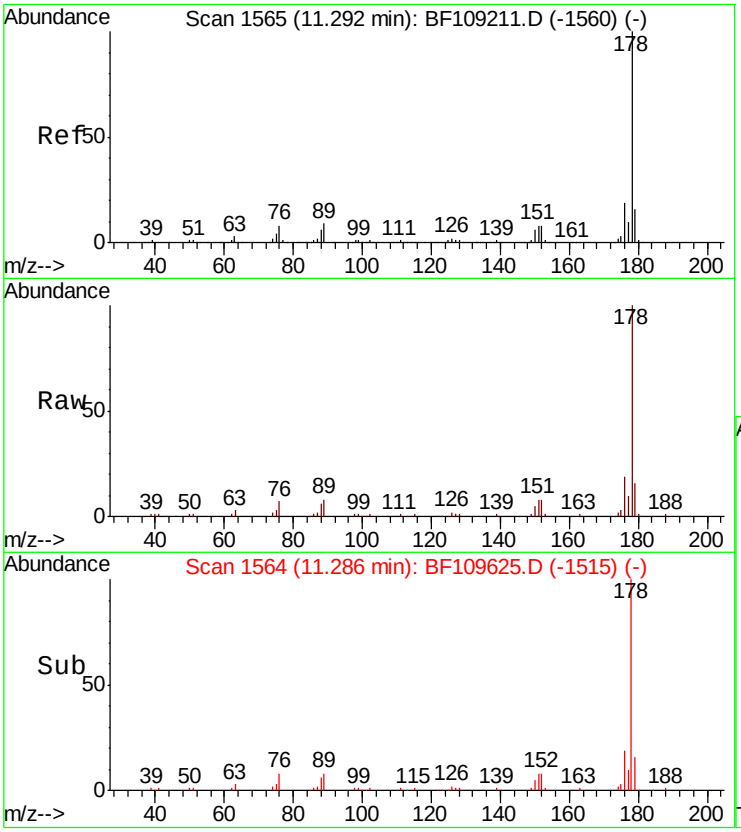


#70
Phenanthrene
Concen: 23.739 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF109625.D
Acq: 5 Oct 2018 22:56

Tgt Ion:178 Resp: 292400

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	14.9	13.0	19.6

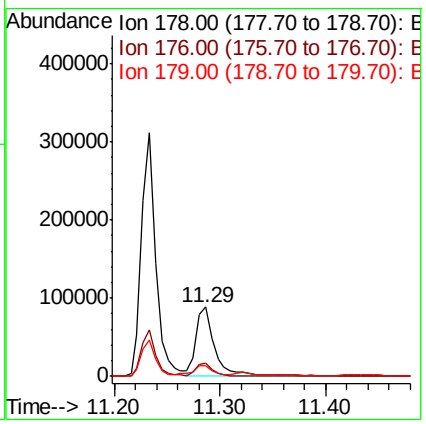




#71
Anthracene
Concen: 8.571 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF109625.D
Acq: 5 Oct 2018 22:56

Tgt Ion:178 Resp: 107071

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	16.0	12.6	19.0



Instrument :
BNA_F
ClientSampleId :
GRID15-COMP-100318

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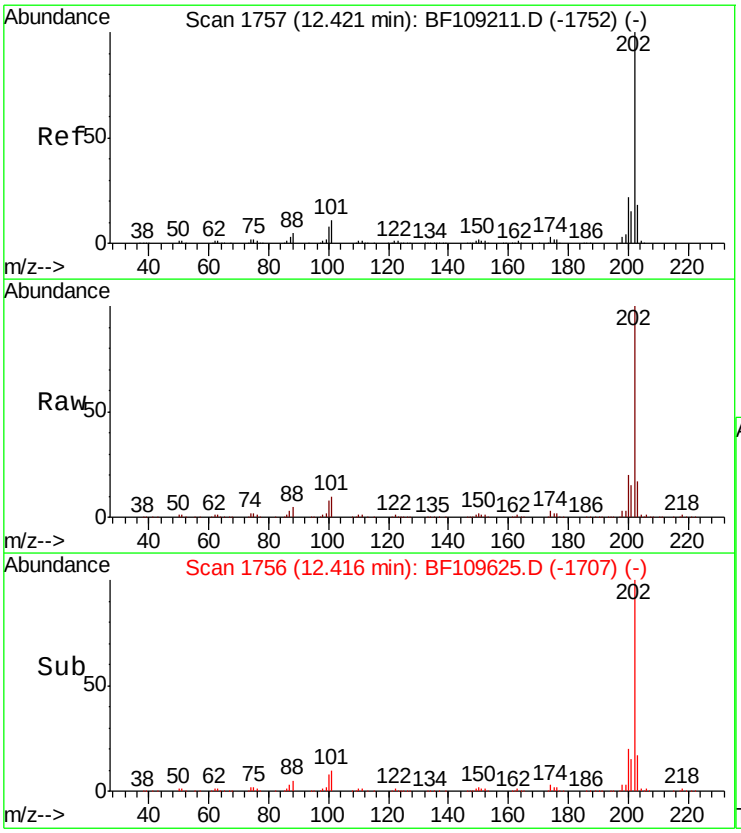
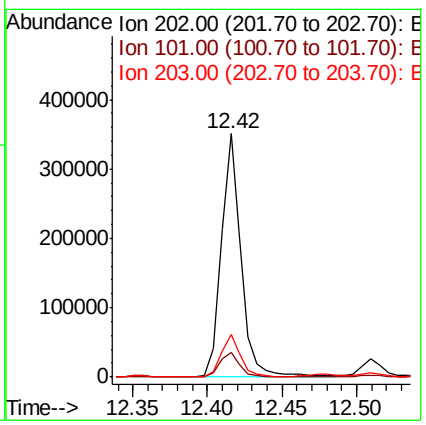
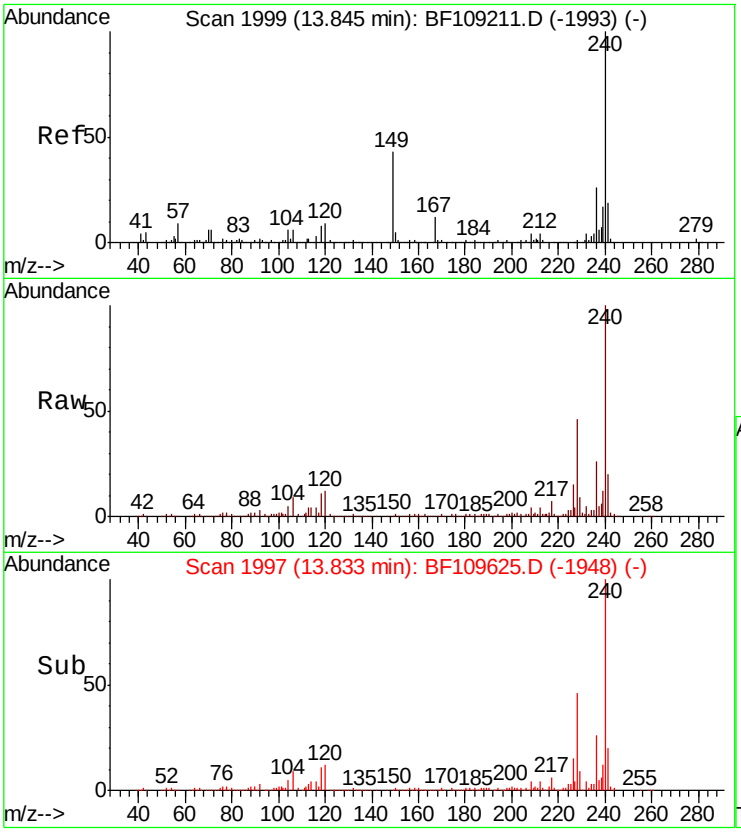


#74
Fluoranthene
Concen: 24.895 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF109625.D
Acq: 5 Oct 2018 22:56

Tgt Ion:202 Resp: 327697

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	34.1
203	17.4	0.0	38.1

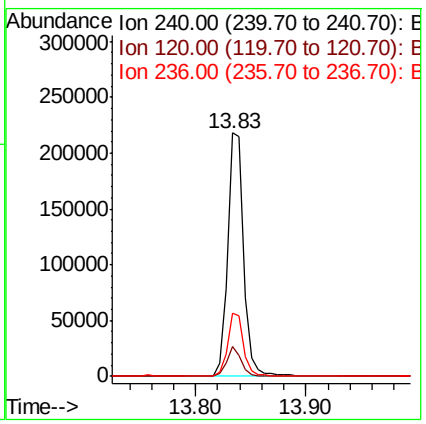




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109625.D
Acq: 5 Oct 2018 22:56

Tgt Ion:240 Resp: 222567

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	26.0	20.7	31.1



Instrument :
BNA_F
ClientSampleId :
GRID15-COMP-100318

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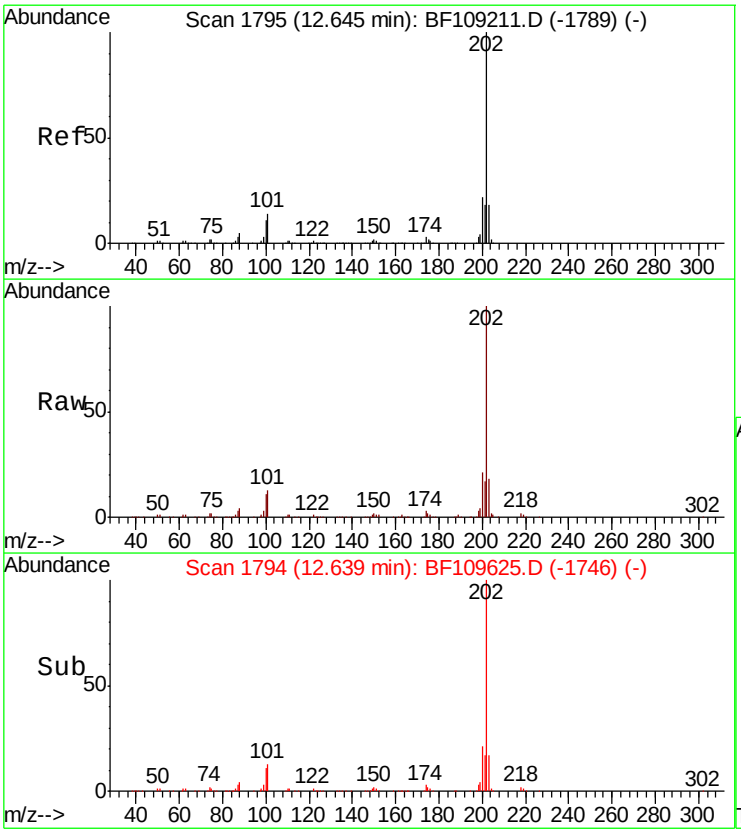
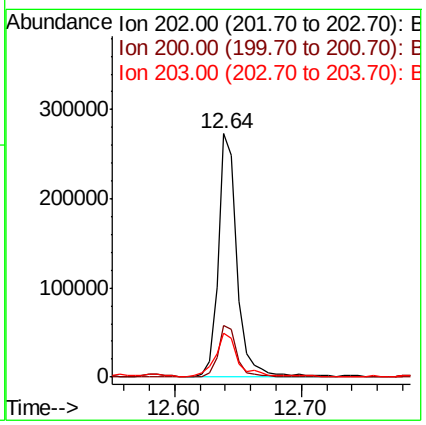
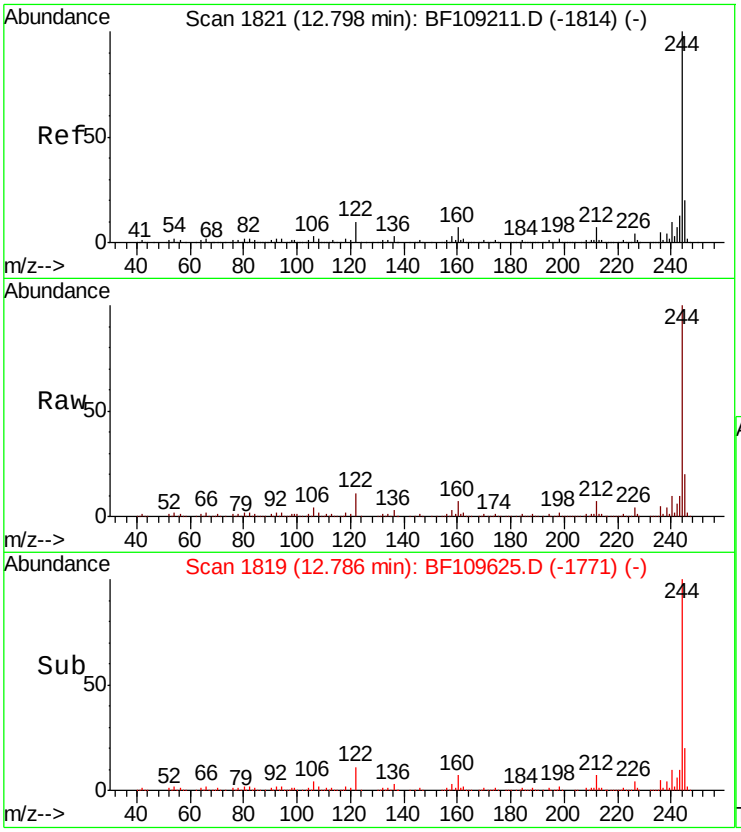


#77
Pyrene
Concen: 17.518 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BF109625.D
Acq: 5 Oct 2018 22:56

Tgt Ion:202 Resp: 279424

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	18.1	14.3	21.5

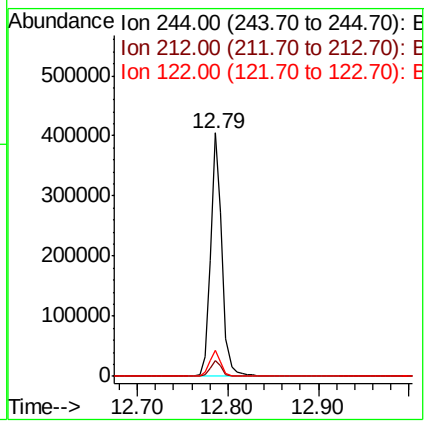




#78
Terphenyl-d14
Concen: 39.294 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BF109625.D
Acq: 5 Oct 2018 22:56

Tgt Ion:244 Resp: 356359

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.8	11.0	16.4#



Instrument :
BNA_F
ClientSampleId :
GRID15-COMP-100318

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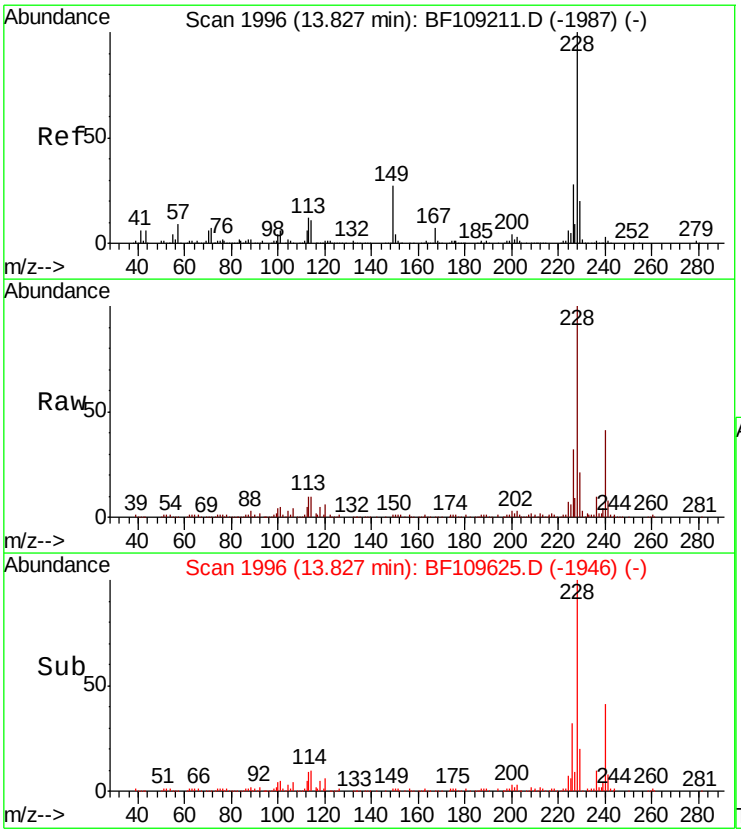
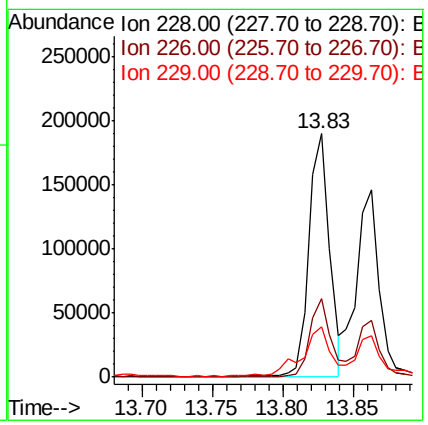
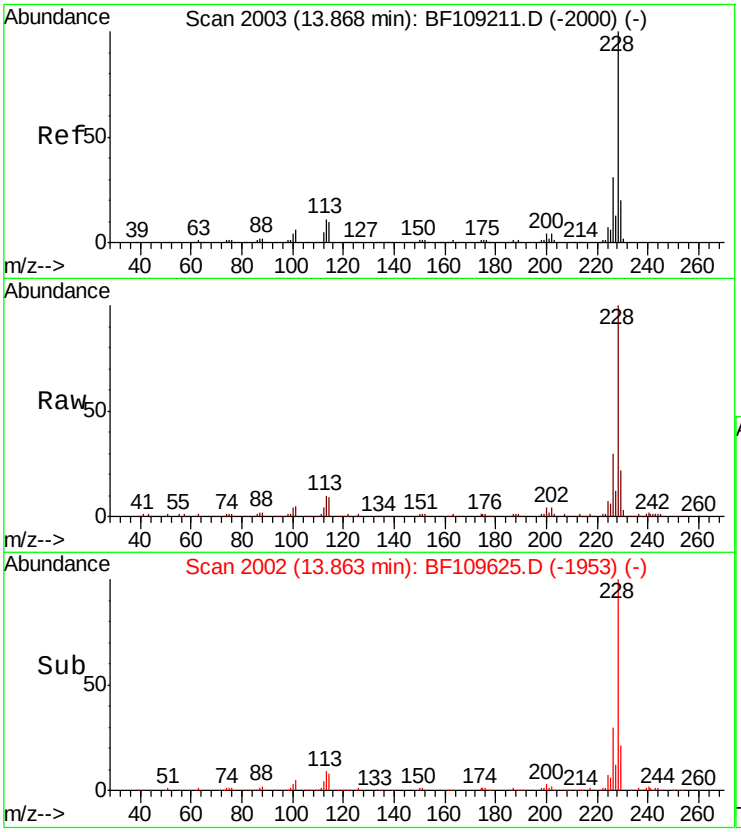


#80
Benzo(a)anthracene
Concen: 14.521 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109625.D
Acq: 5 Oct 2018 22:56

Tgt Ion:228 Resp: 194662

Ion	Ratio	Lower	Upper
228	100		
226	32.2	22.6	33.8
229	20.9	15.8	23.6





#82
Chrysene
Concen: 11.430 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF109625.D
Acq: 5 Oct 2018 22:56

Tgt Ion:228 Resp: 151880

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	22.3	16.2	24.4

Instrument :
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ClientSampleId :
GRID15-COMP-100318

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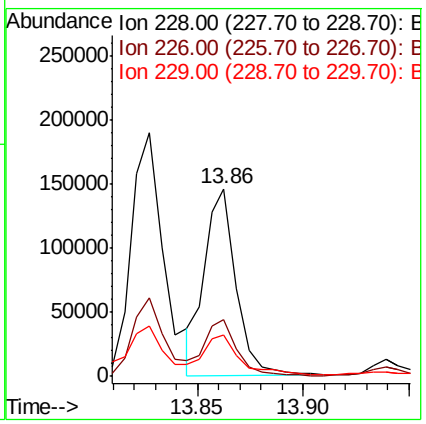
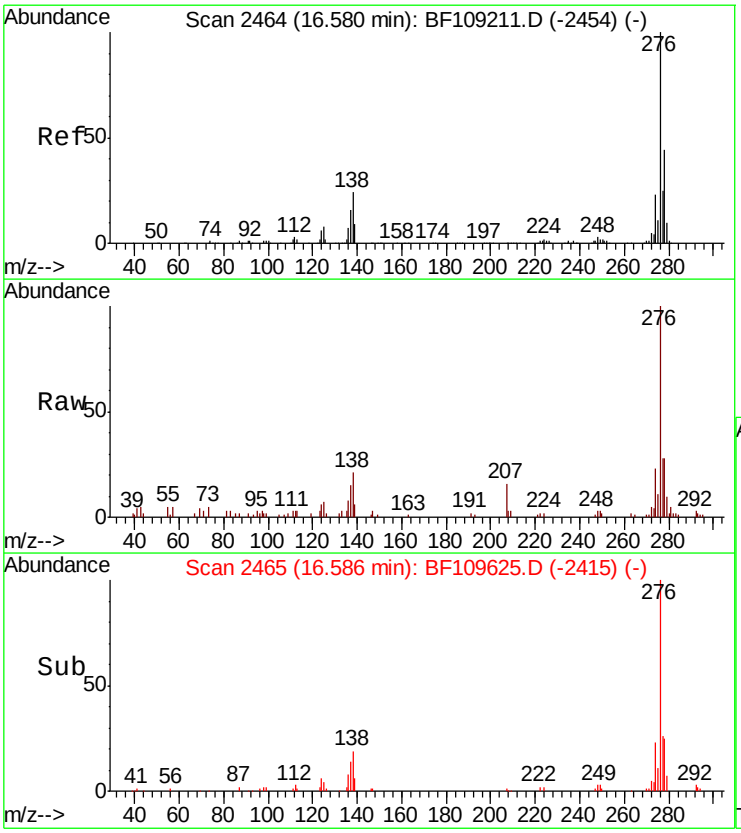
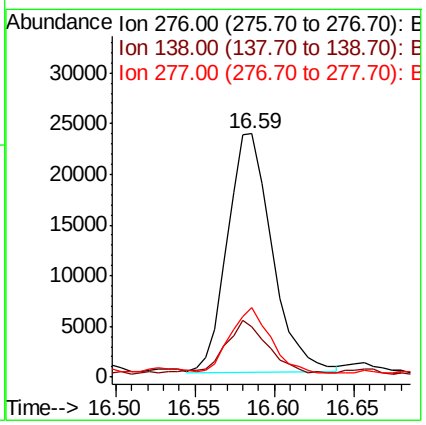


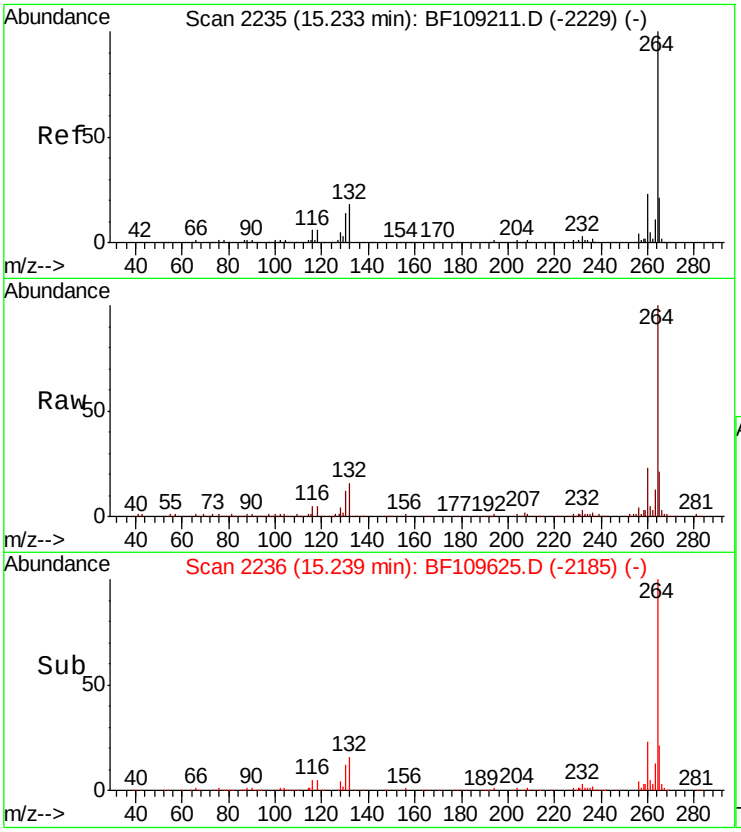


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.266 ng
RT: 16.59 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BF109625.D
Acq: 5 Oct 2018 22:56

Tgt Ion:276 Resp: 45950

Ion	Ratio	Lower	Upper
276	100		
138	24.6	25.0	37.6#
277	25.4	20.1	30.1

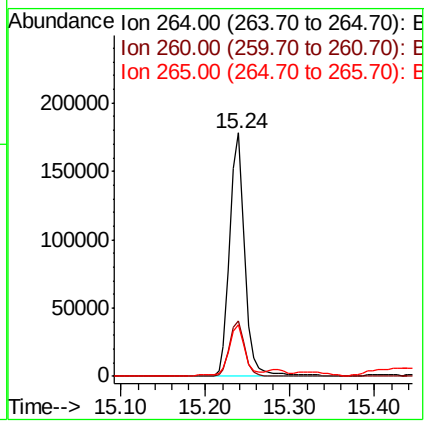




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109625.D
Acq: 5 Oct 2018 22:56

Tgt Ion:264 Resp: 219223

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.3	17.5	26.3



Instrument :
BNA_F
ClientSampleId :
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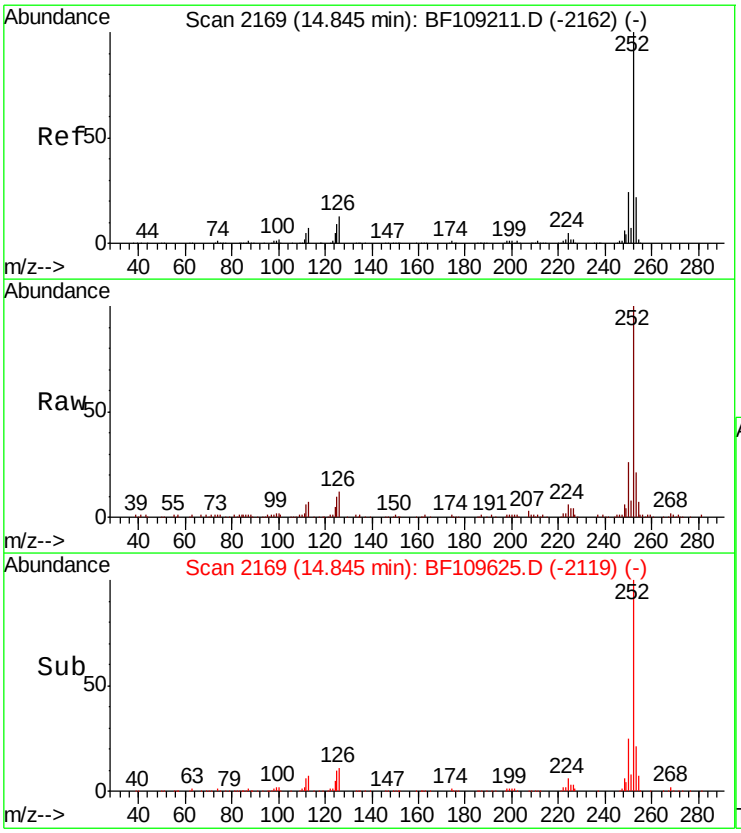
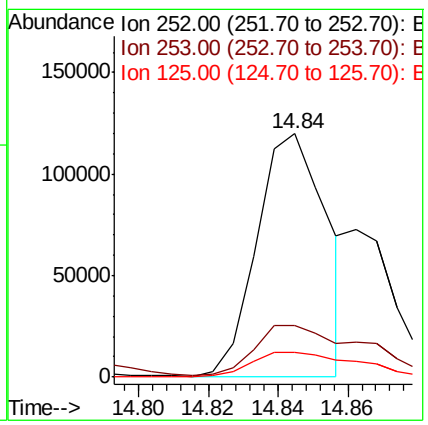
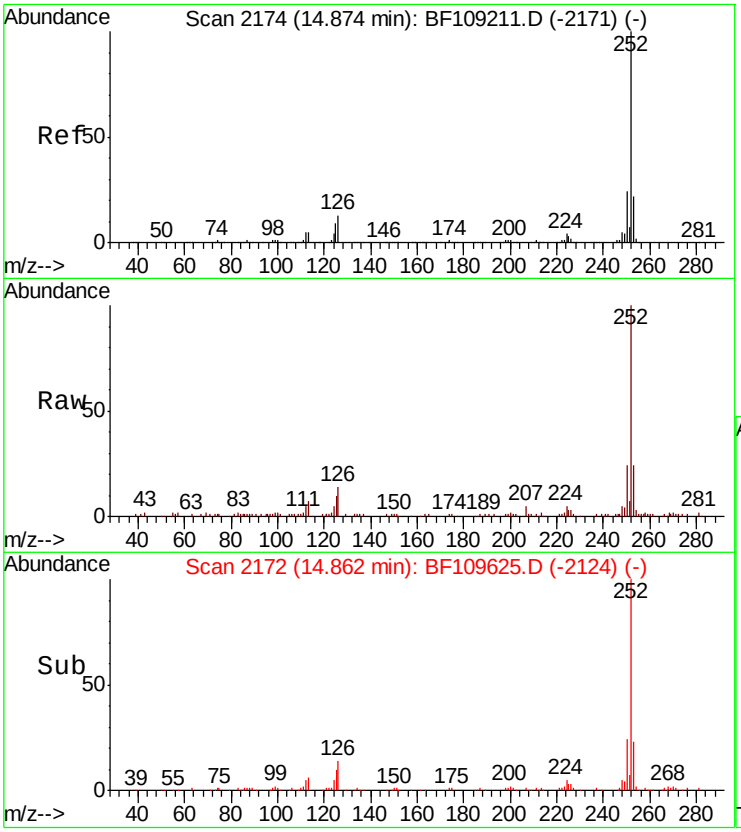


#87
Benzo(b)fluoranthene
Concen: 13.904 ng m
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109625.D
Acq: 5 Oct 2018 22:56

Tgt Ion:252 Resp: 167494

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	10.3	9.0	13.6

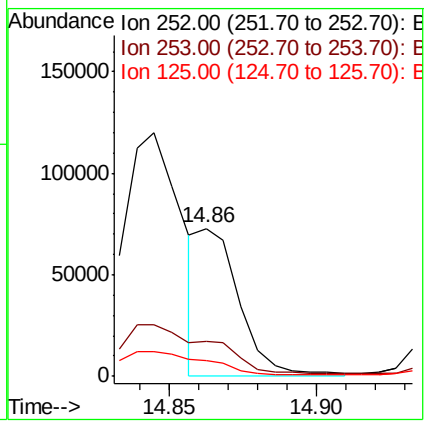




#88
Benzo(k)fluoranthene
Concen: 6.184 ng m
RT: 14.86 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BF109625.D
Acq: 5 Oct 2018 22:56

Tgt Ion:252 Resp: 70693

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	10.5	10.2	15.2



Instrument :
BNA_F
ClientSampleId :
GRID15-COMP-100318

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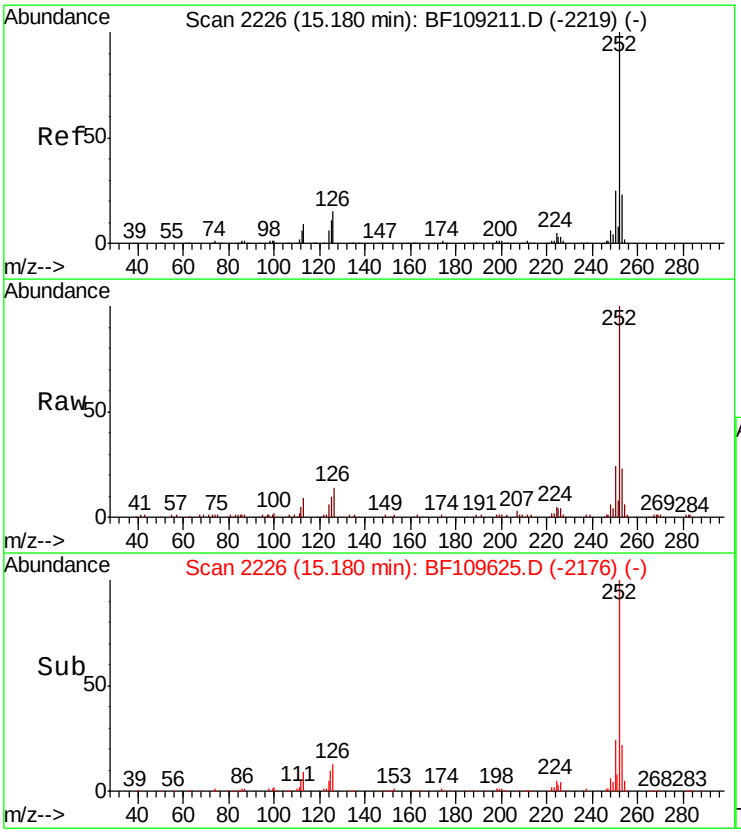
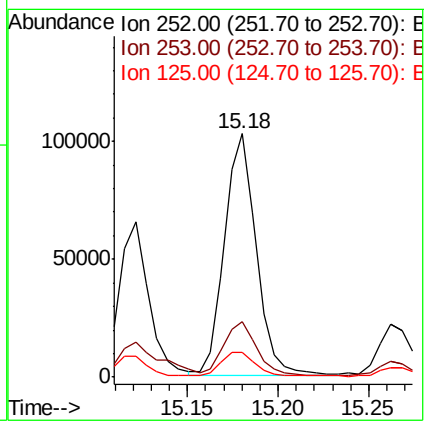
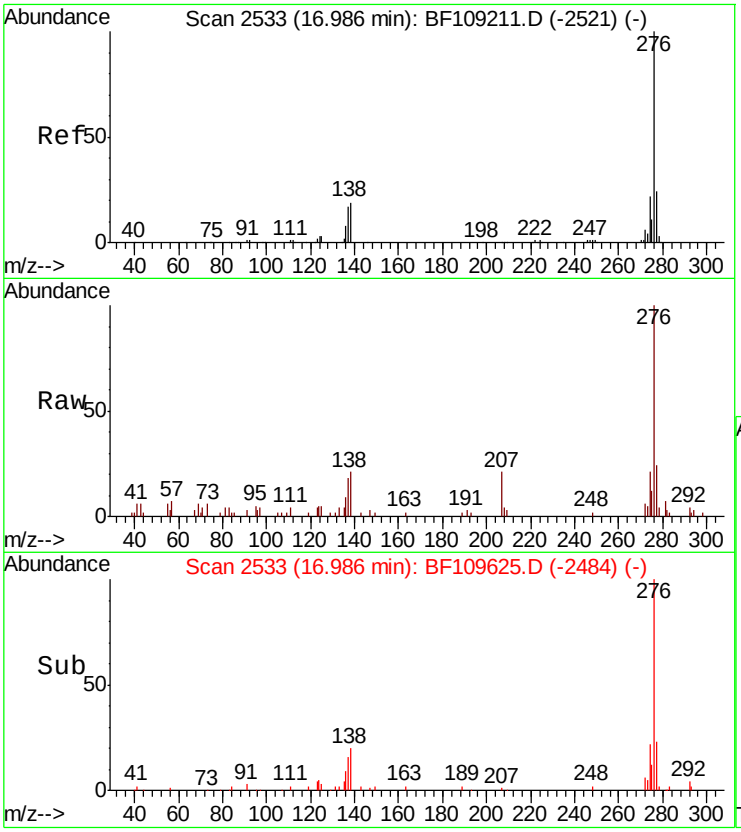


#89
Benzo(a)pyrene
Concen: 11.675 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF109625.D
Acq: 5 Oct 2018 22:56

Tgt Ion:252 Resp: 126727

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	10.4	9.8	14.6

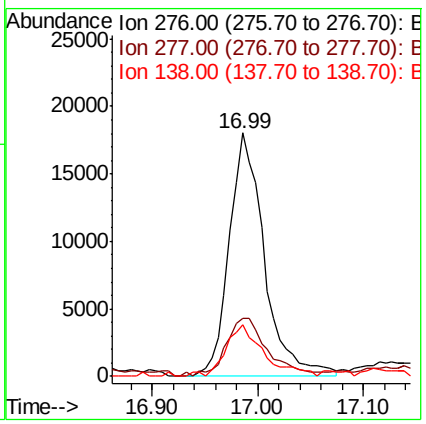




#91
Benzo(g,h,i)perylene
Concen: 4.744 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.01 min
Lab File: BF109625.D
Acq: 5 Oct 2018 22:56

Tgt Ion:276 Resp: 41517

Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	21.3	21.8	32.8#



Instrument :
BNA_F
ClientSampleId :
GRID15-COMP-100318

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