Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109627.D
Acq On : 5 Oct 2018 23:52
Operator : JU/SJ
Sample : J5263-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRID17-COMP-100318

Manual Integrations APPROVED
Sohil
10/8/2018 12:21:38 PM

Quant Time: Oct 06 06:58:39 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	85261	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	333239	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	137214	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	209016	20.00	ng	0.00
75) Chrysene-d12	13.83	240	201722	20.00	ng	-0.01
86) Perylene-d12	15.23	264	188339	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	426856	82.46	ng	0.01
7) Phenol-d6	6.35	99	577442	87.42	ng	0.00
23) Nitrobenzene-d5	7.26	82	371903	65.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	103856	76.78	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	549955	60.45	ng	-0.02
78) Terphenyl-d14	12.79	244	365924	44.52	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.36	94	32037	4.283	ng	# 76
31) Naphthalene	8.00	128	36074	2.317	ng	99
49) Dimethylphthalate	9.45	163	90632	9.081	ng	99
54) Dibenzofuran	9.94	168	28922	2.387	ng	99
57) Fluorene	10.27	166	39151	4.529	ng	99
70) Phenanthrene	11.23	178	234495	22.470	ng	99
71) Anthracene	11.29	178	86147	8.139	ng	100
74) Fluoranthene	12.42	202	270652	24.268	ng	95
77) Pyrene	12.64	202	233205	16.131	ng	99
80) Benzo(a)anthracene	13.83	228	142139	11.698	ng	95
82) Chrysene	13.86	228	134313	11.153	ng	96
85) Indeno(1,2,3-cd)pyrene	16.58	276	37885	3.881	ng	# 89
87) Benzo(b)fluoranthene	14.84	252	128308m	12.398	ng	
88) Benzo(k)fluoranthene	14.86	252	49486m	5.039	ng	
89) Benzo(a)pyrene	15.18	252	92465m	9.915	ng	
91) Benzo(g,h,i)perylene	16.99	276	32856	4.370	ng	93

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

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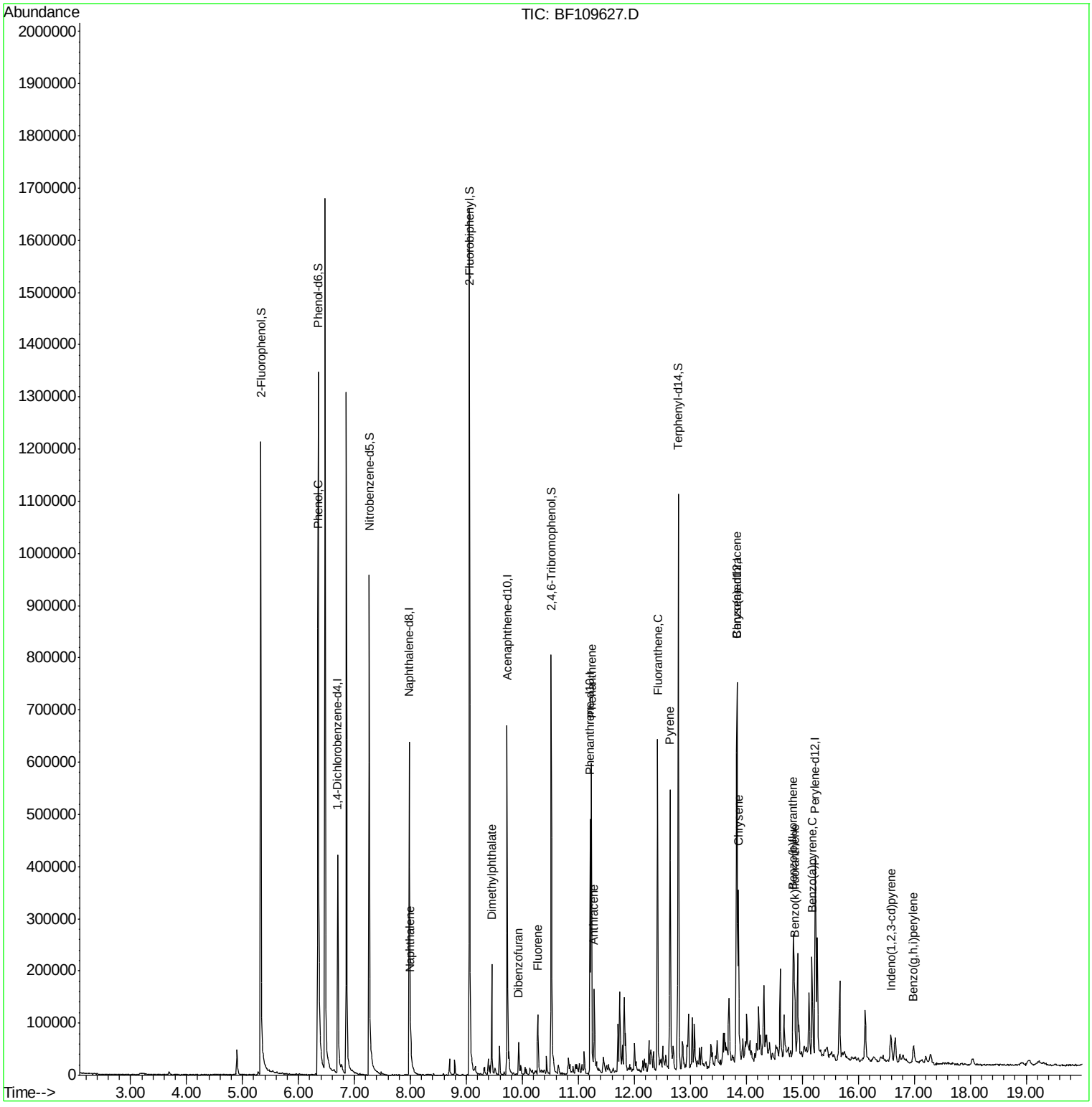
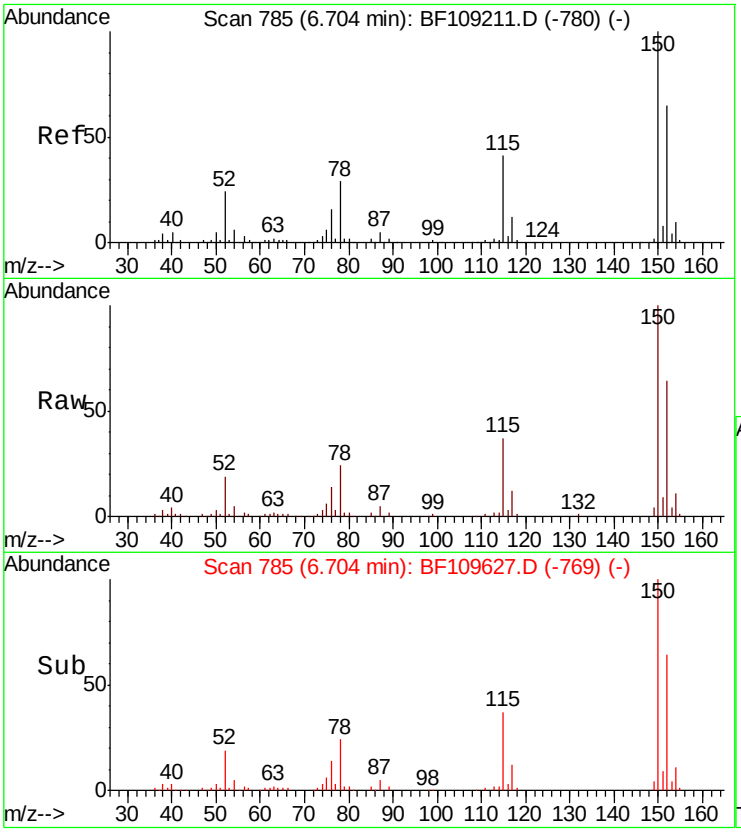
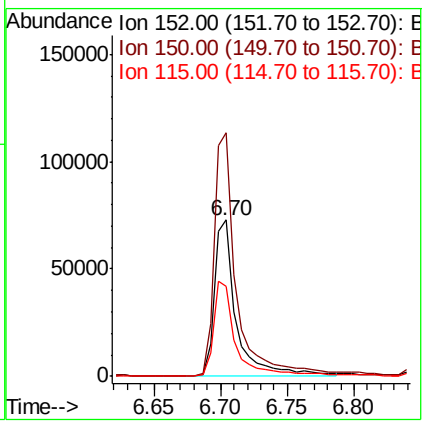




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109627.D
Acq: 5 Oct 2018 23:52

Tgt Ion:152 Resp: 85261

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	57.4	50.1	75.1



Instrument :
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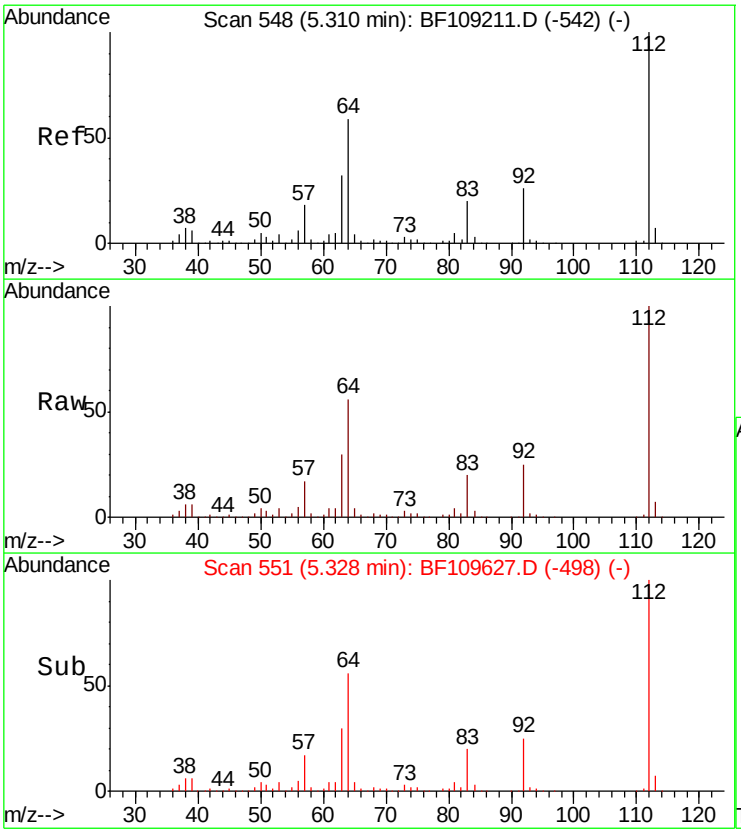
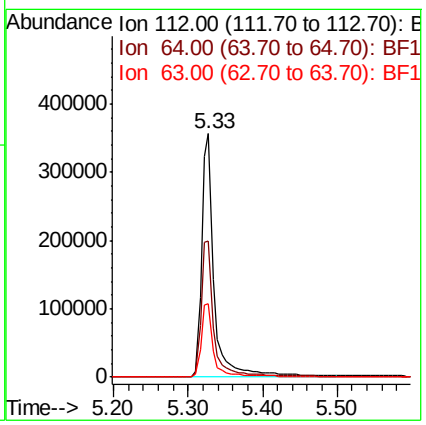
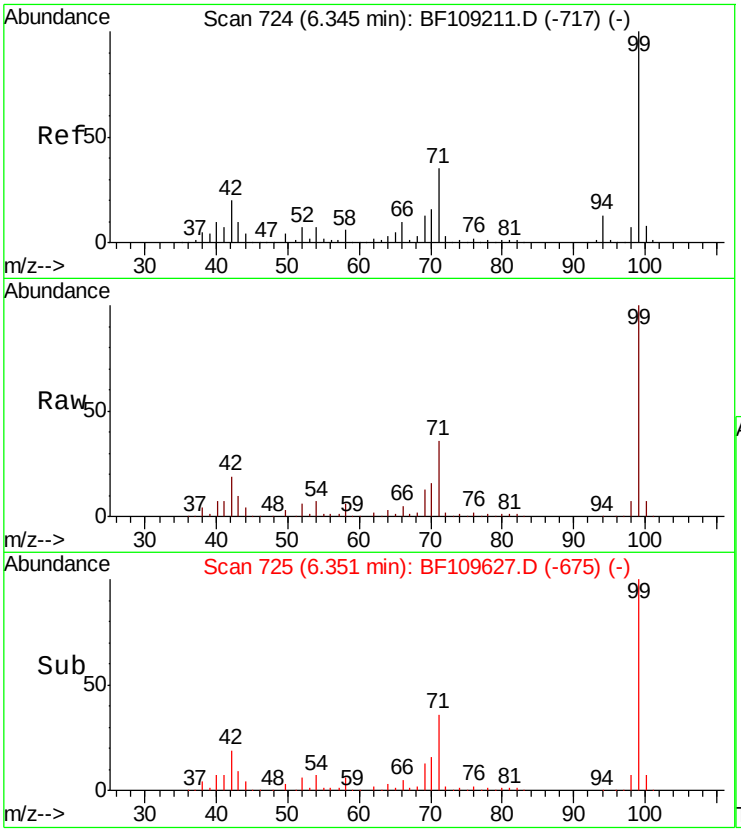


#5
2-Fluorophenol
Concen: 82.460 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109627.D
Acq: 5 Oct 2018 23:52

Tgt Ion:112 Resp: 426856

Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.9	71.9
63	30.1	23.7	35.5

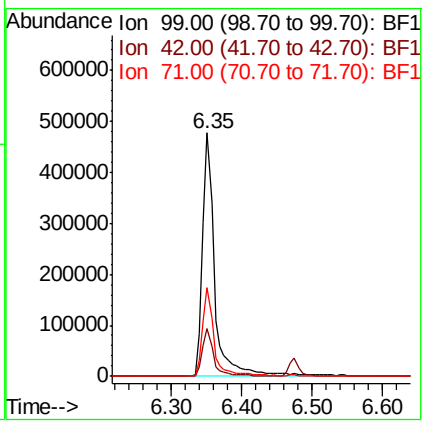




#7
Phenol-d6
Concen: 87.420 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF109627.D
Acq: 5 Oct 2018 23:52

Tgt Ion: 99 Resp: 577442

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	36.3	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
GRID17-COMP-100318

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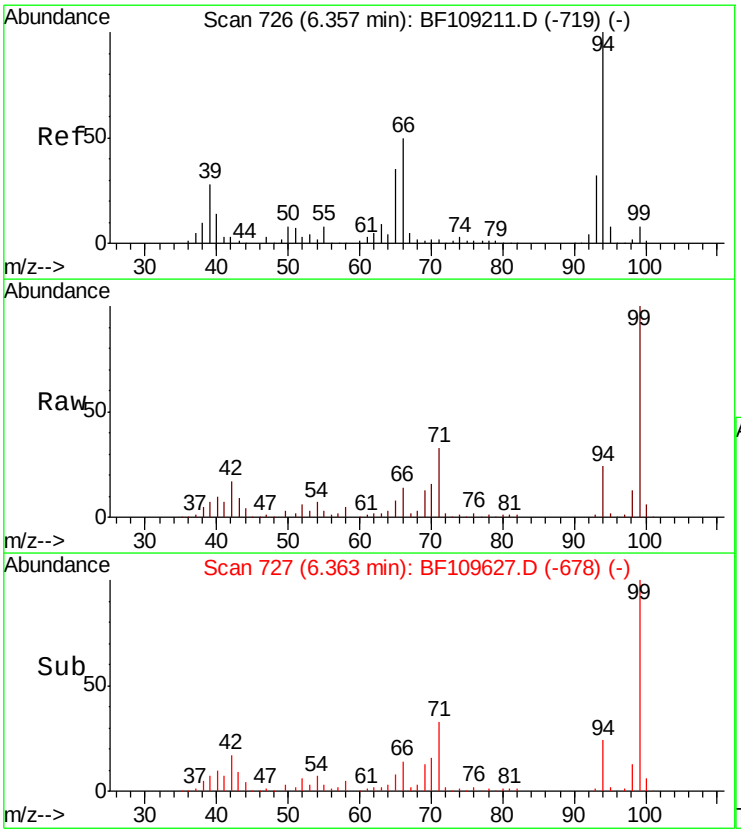
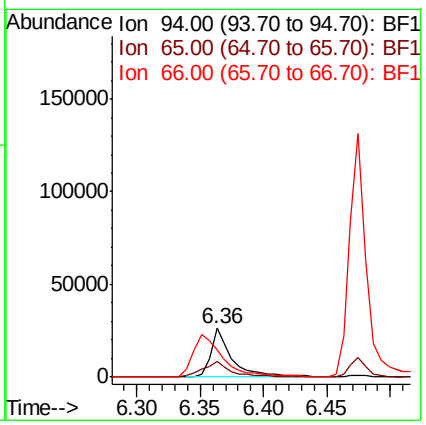
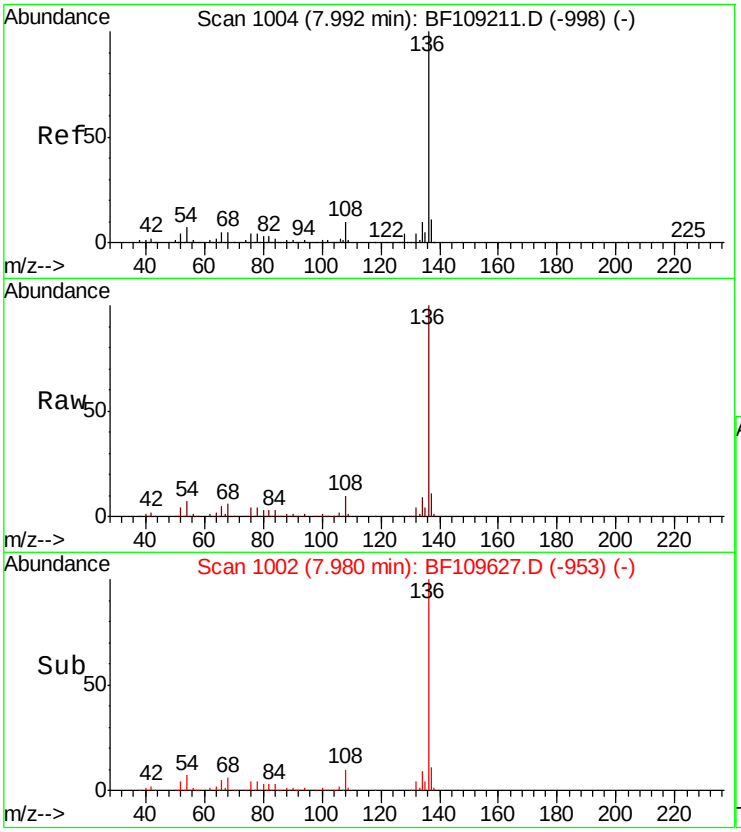


#10
Phenol
Concen: 4.283 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF109627.D
Acq: 5 Oct 2018 23:52

Tgt Ion: 94 Resp: 32037

Ion	Ratio	Lower	Upper
94	100		
65	33.5	7.9	47.9
66	56.3	16.2	56.2#

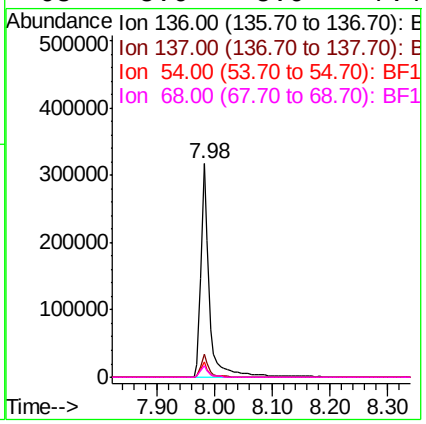




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109627.D
Acq: 5 Oct 2018 23:52

Tgt Ion:136 Resp: 333239

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.3	6.6	9.8
68	5.6	5.0	7.4



Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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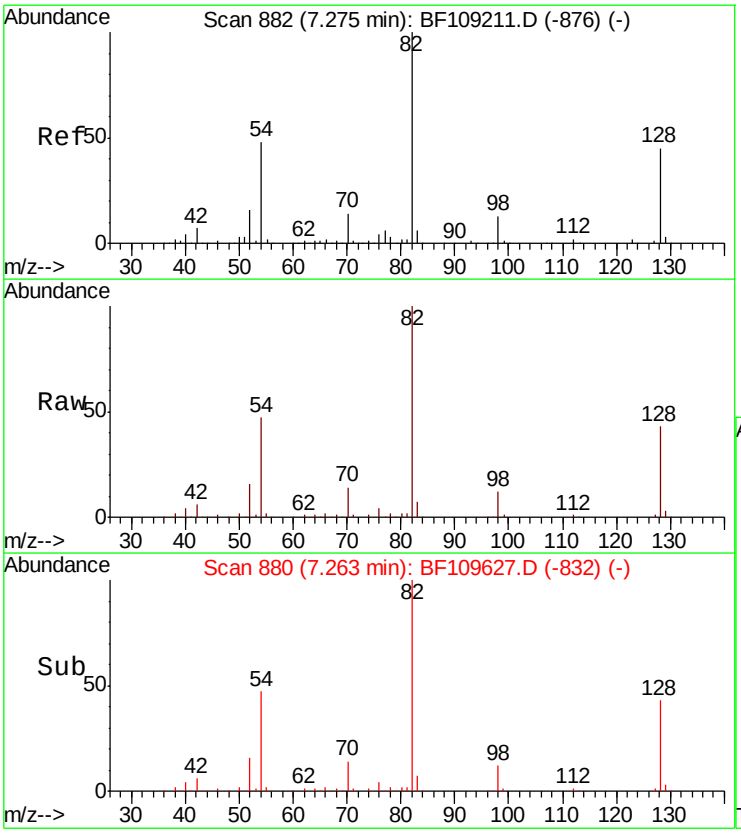
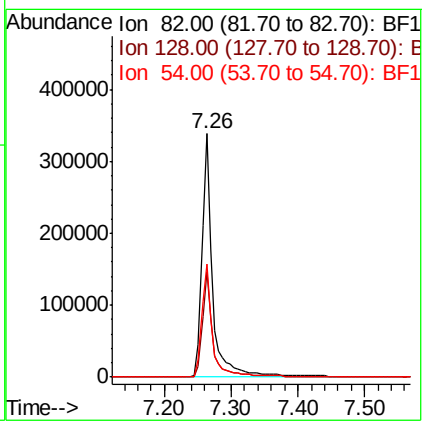
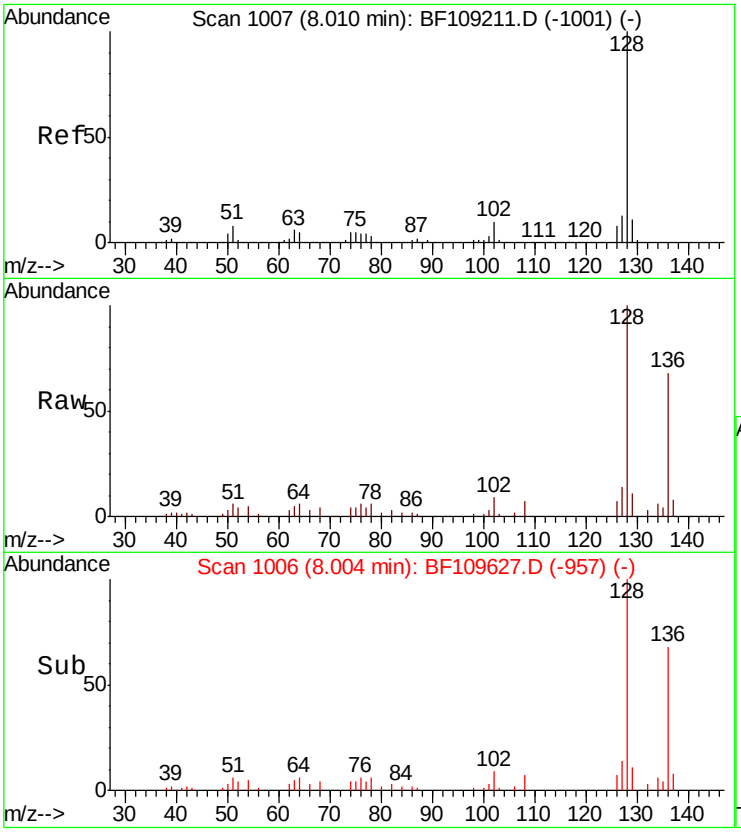


#23
Nitrobenzene-d5
Concen: 65.881 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109627.D
Acq: 5 Oct 2018 23:52

Tgt Ion: 82 Resp: 371903

Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.1	54.1
54	46.5	41.4	62.2

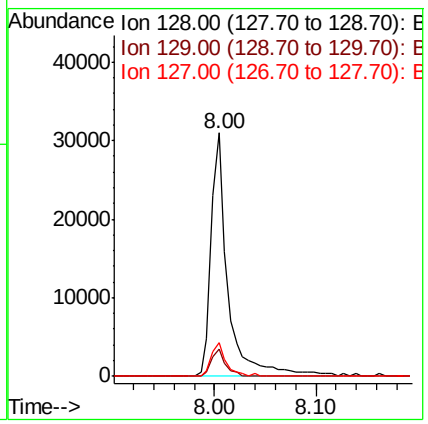




#31
Naphthalene
Concen: 2.317 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF109627.D
Acq: 5 Oct 2018 23:52

Tgt Ion:128 Resp: 36074

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.8	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
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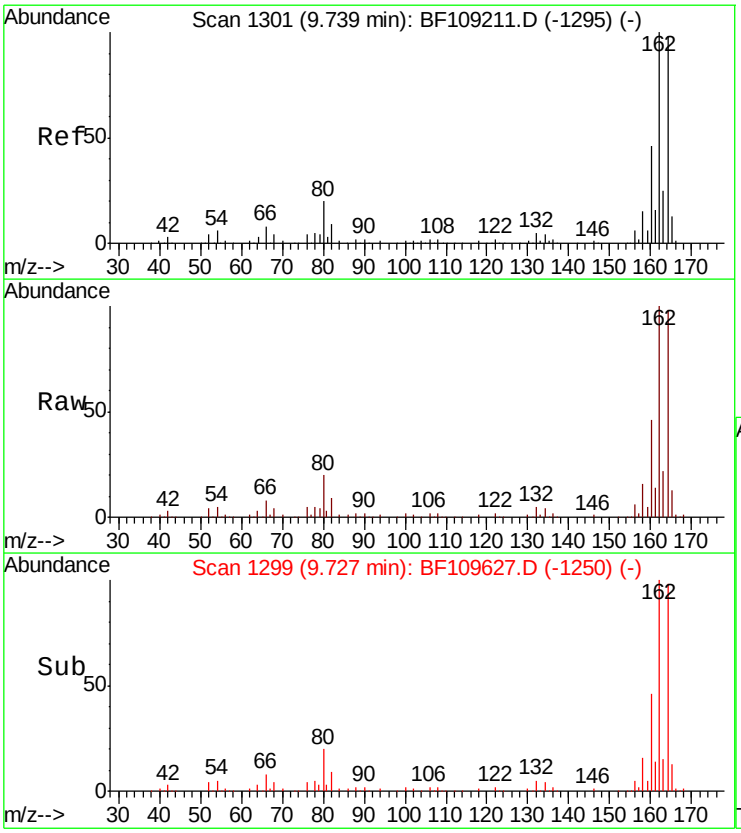
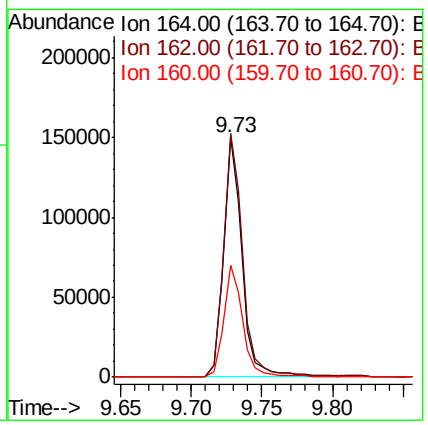
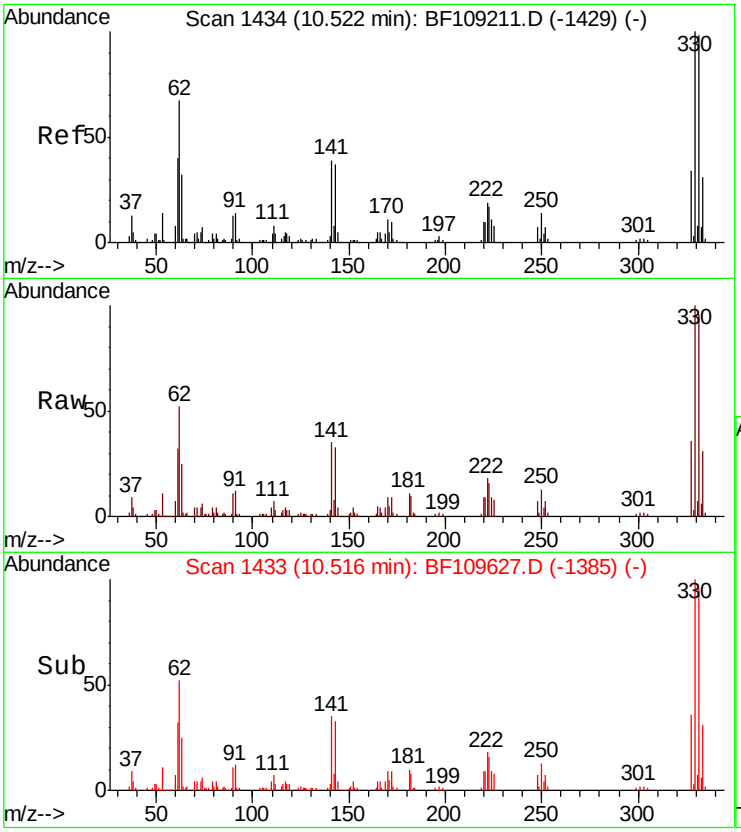


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109627.D
Acq: 5 Oct 2018 23:52

Tgt Ion:164 Resp: 137214

Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	46.4	38.3	57.5





#41
2,4,6-Tribromophenol
Concen: 76.780 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF109627.D
Acq: 5 Oct 2018 23:52

Tgt Ion:330 Resp: 103856

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	35.2	29.9	44.9

Instrument :
BNA_F
ClientSampleId :
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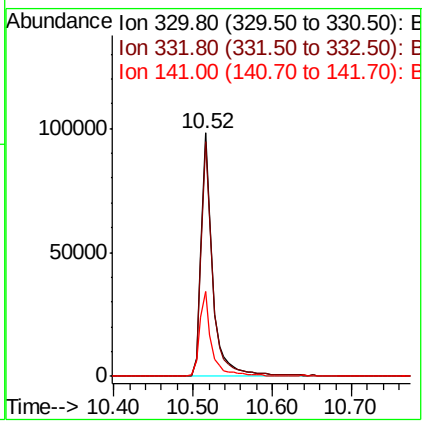
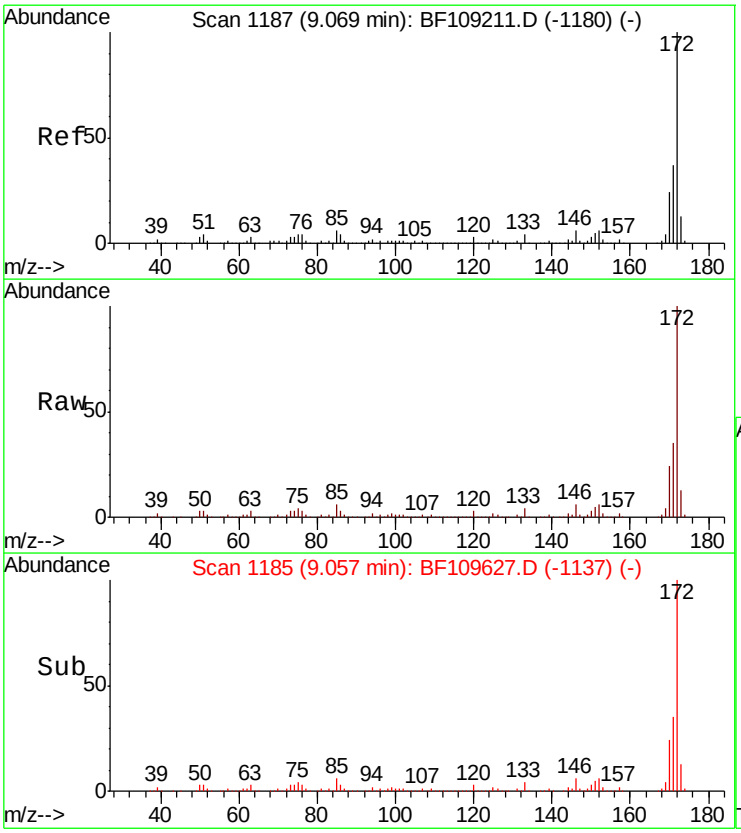
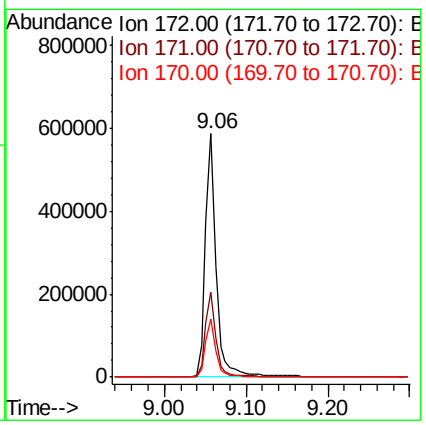


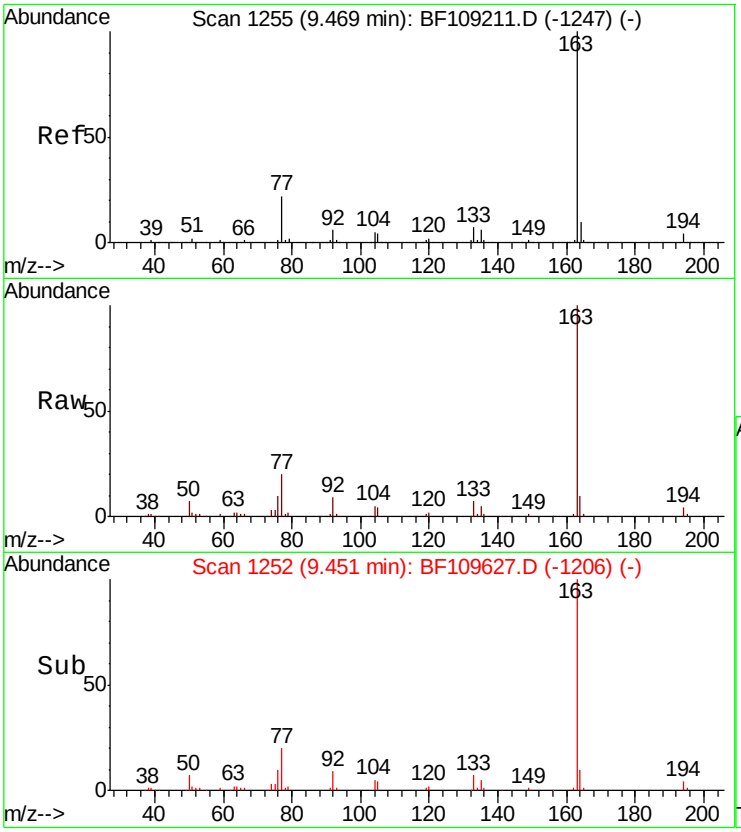


#44
2-Fluorobiphenyl
Concen: 60.448 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF109627.D
Acq: 5 Oct 2018 23:52

Tgt Ion:172 Resp: 549955

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	23.6	19.6	29.4

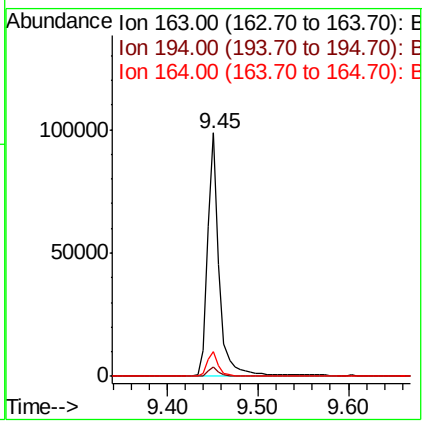




#49
Dimethylphthalate
Concen: 9.081 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109627.D
Acq: 5 Oct 2018 23:52

Tgt Ion:163 Resp: 90632

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.1	8.2	12.2



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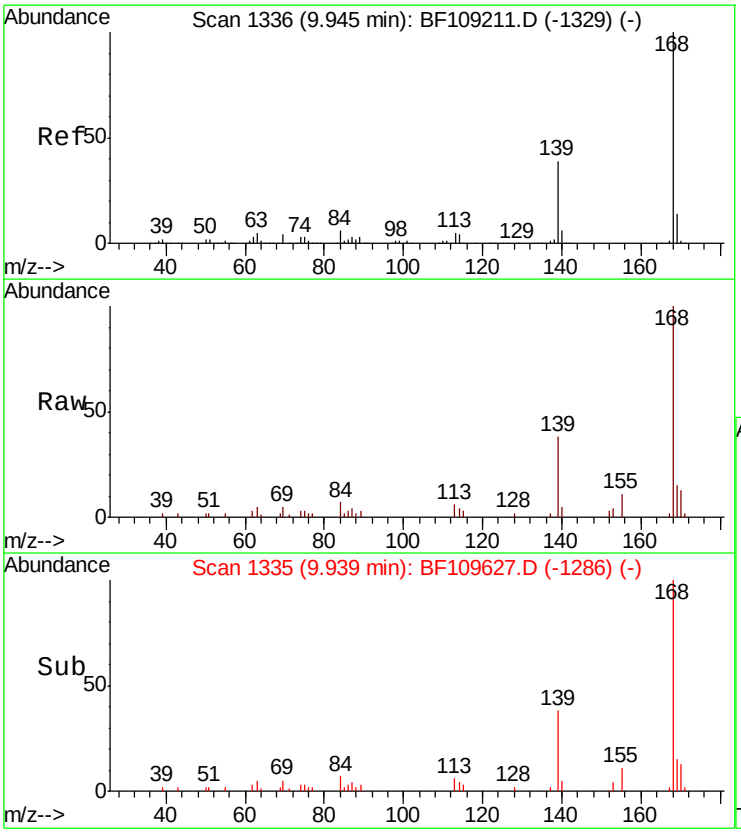
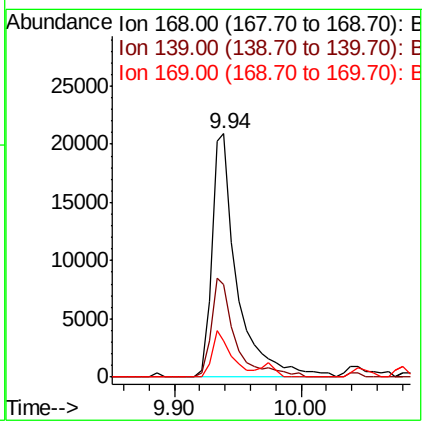
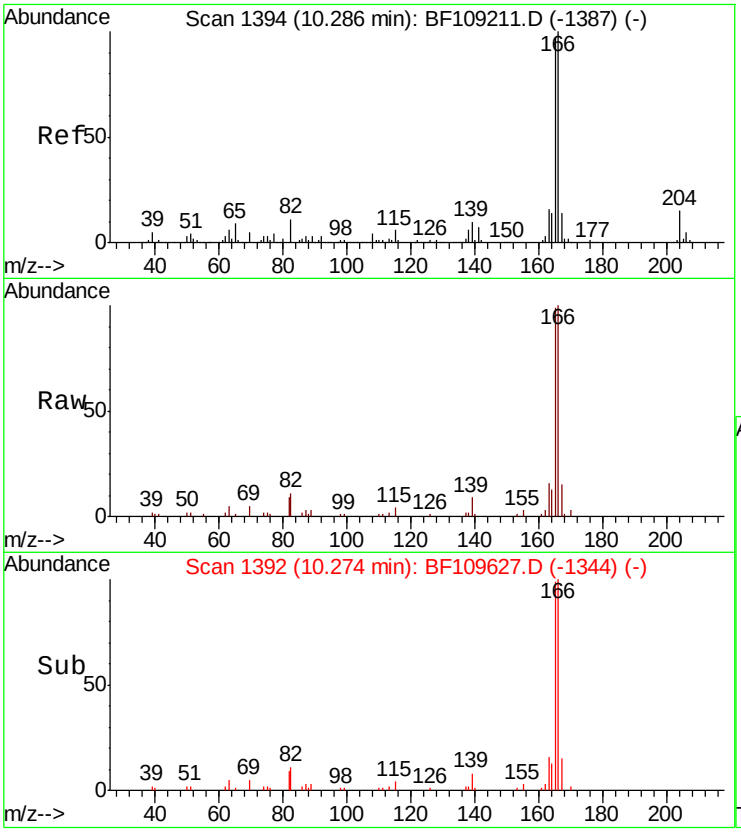


#54
Dibenzofuran
Concen: 2.387 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF109627.D
Acq: 5 Oct 2018 23:52

Tgt Ion:168 Resp: 28922

Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.1	45.1
169	14.7	10.9	16.3

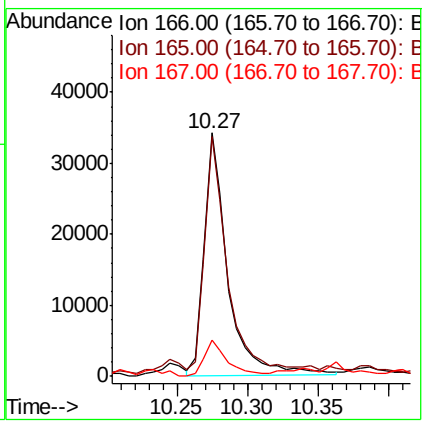




#57
Fluorene
Concen: 4.529 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.02 min
Lab File: BF109627.D
Acq: 5 Oct 2018 23:52

Tgt Ion:166 Resp: 39151

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.8	119.8
167	15.1	10.6	16.0



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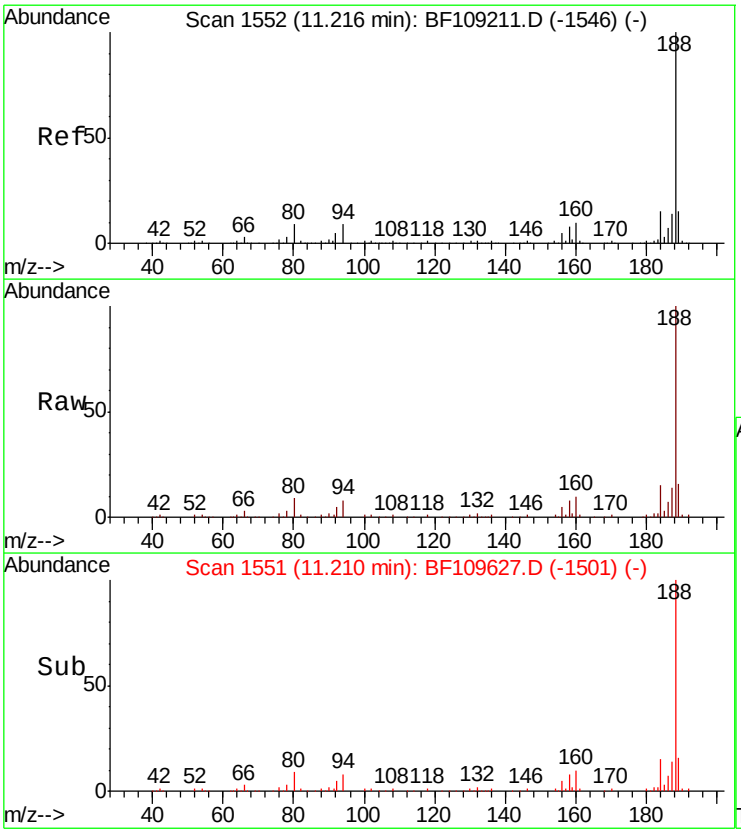
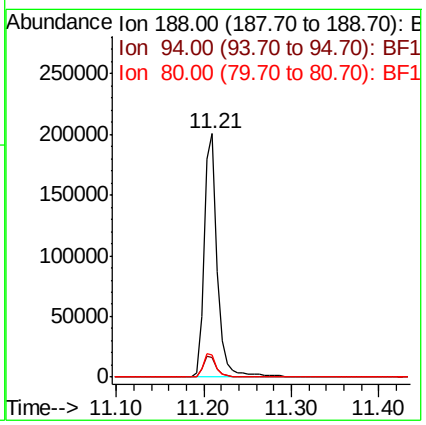
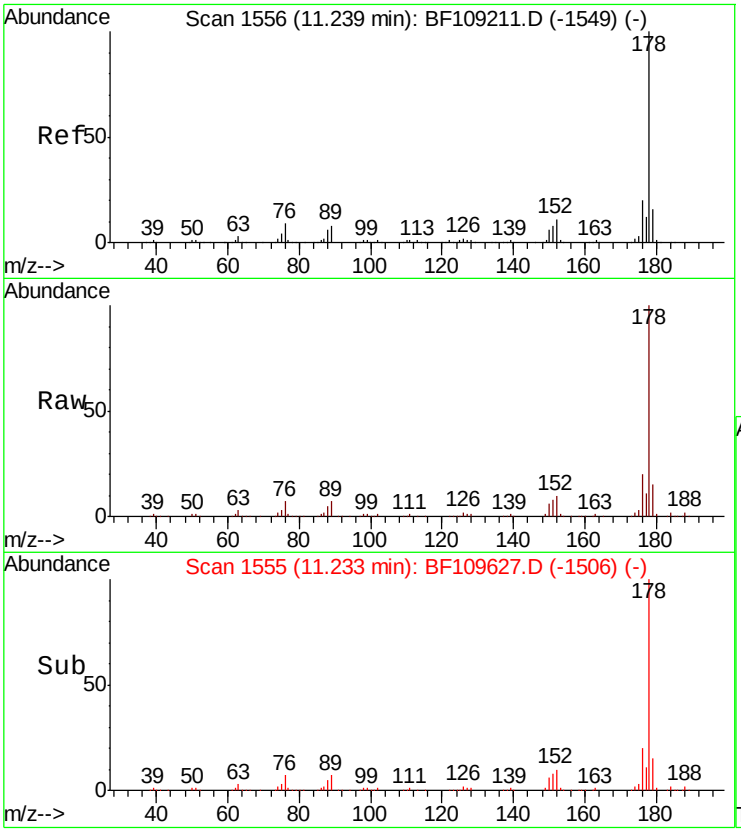


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109627.D
Acq: 5 Oct 2018 23:52

Tgt Ion:188 Resp: 209016

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	8.9	9.2	13.8#

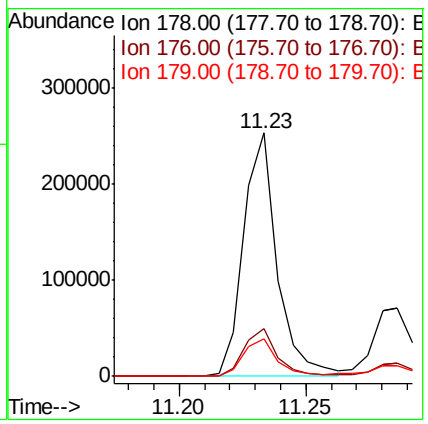




#70
Phenanthrene
Concen: 22.470 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF109627.D
Acq: 5 Oct 2018 23:52

Tgt Ion:178 Resp: 234495

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.2	13.0	19.6



Instrument :
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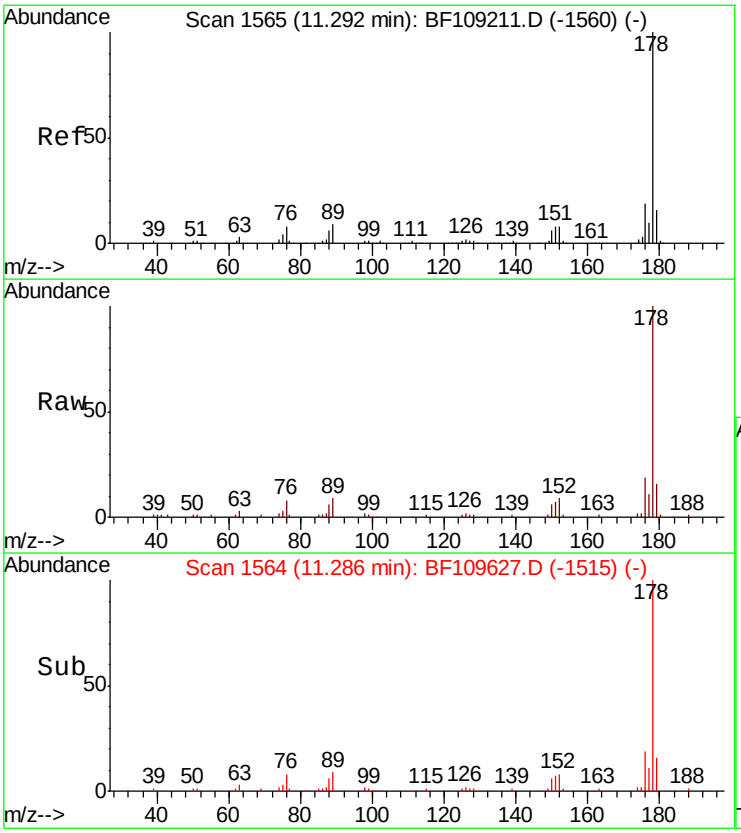
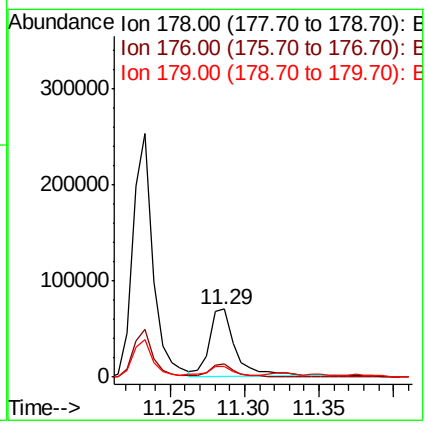
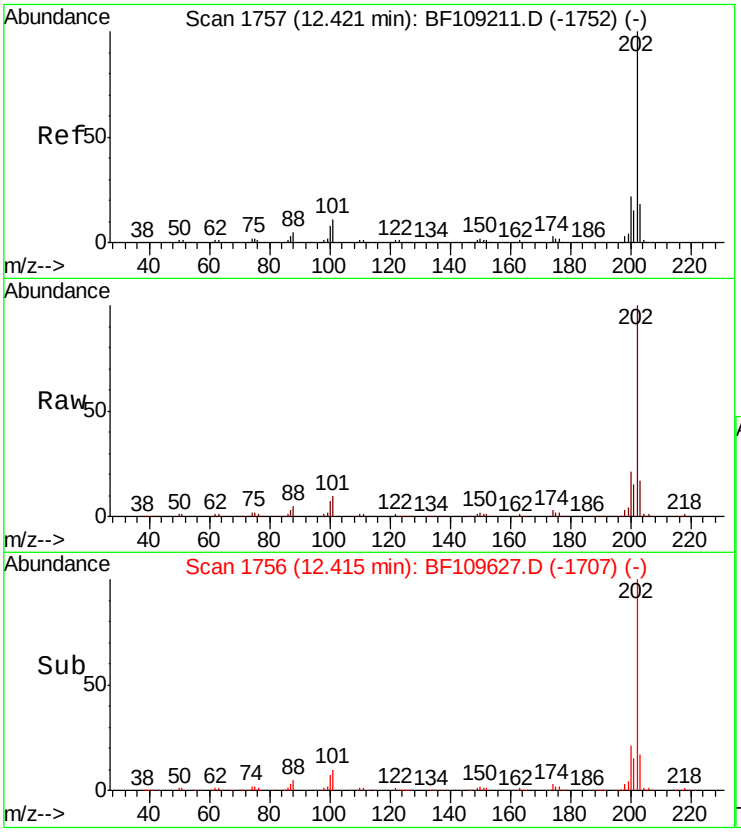


#71
Anthracene
Concen: 8.139 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF109627.D
Acq: 5 Oct 2018 23:52

Tgt Ion:178 Resp: 86147

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.9	12.6	19.0

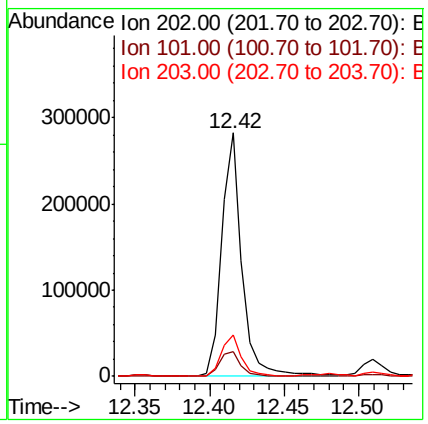




#74
Fluoranthene
Concen: 24.268 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF109627.D
Acq: 5 Oct 2018 23:52

Tgt Ion:202 Resp: 270652

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	34.1
203	17.1	0.0	38.1



Instrument :
BNA_F
ClientSampleId :
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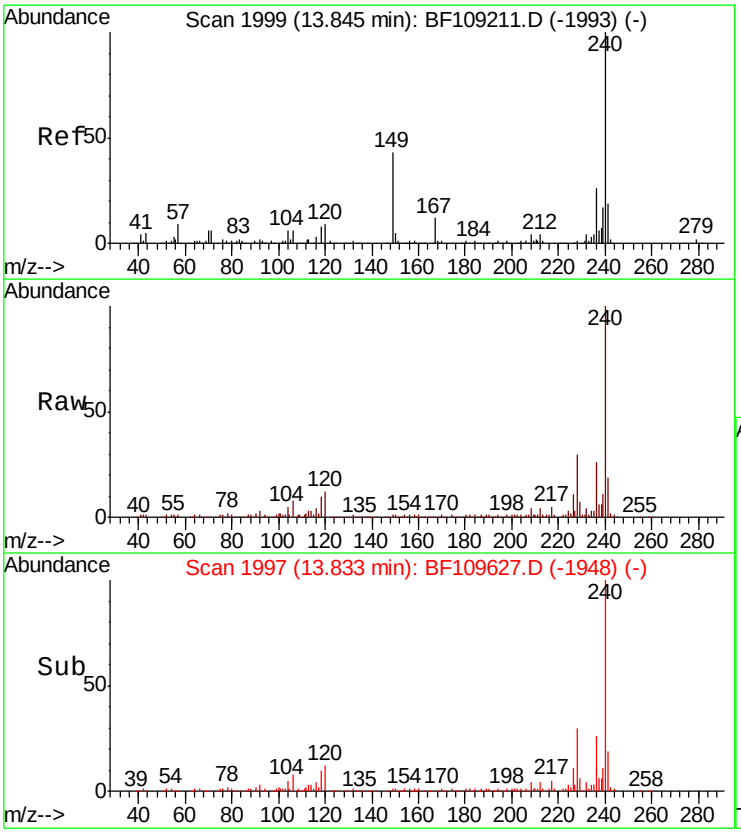
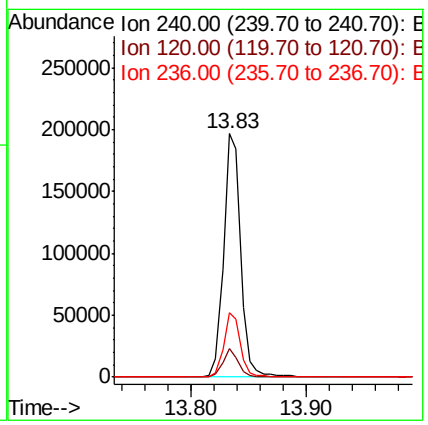
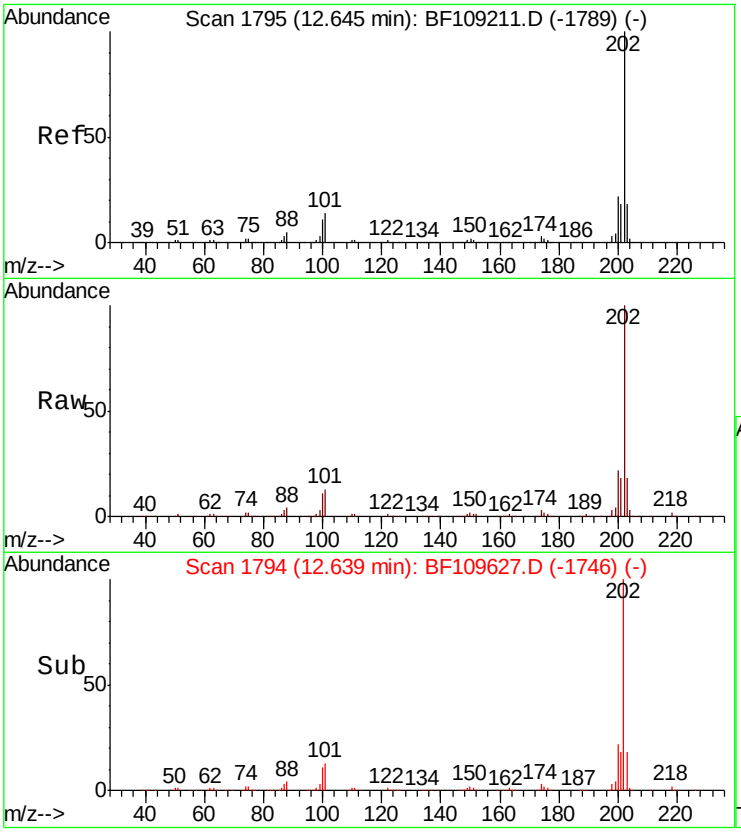


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109627.D
Acq: 5 Oct 2018 23:52

Tgt Ion:240 Resp: 201722

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.5	14.3
236	26.2	20.7	31.1

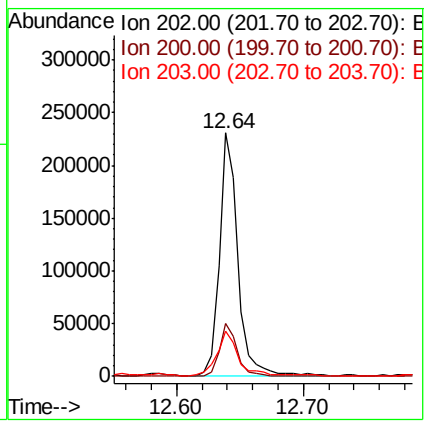




#77
Pyrene
Concen: 16.131 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BF109627.D
Acq: 5 Oct 2018 23:52

Tgt Ion:202 Resp: 233205

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	18.5	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
GRID17-COMP-100318

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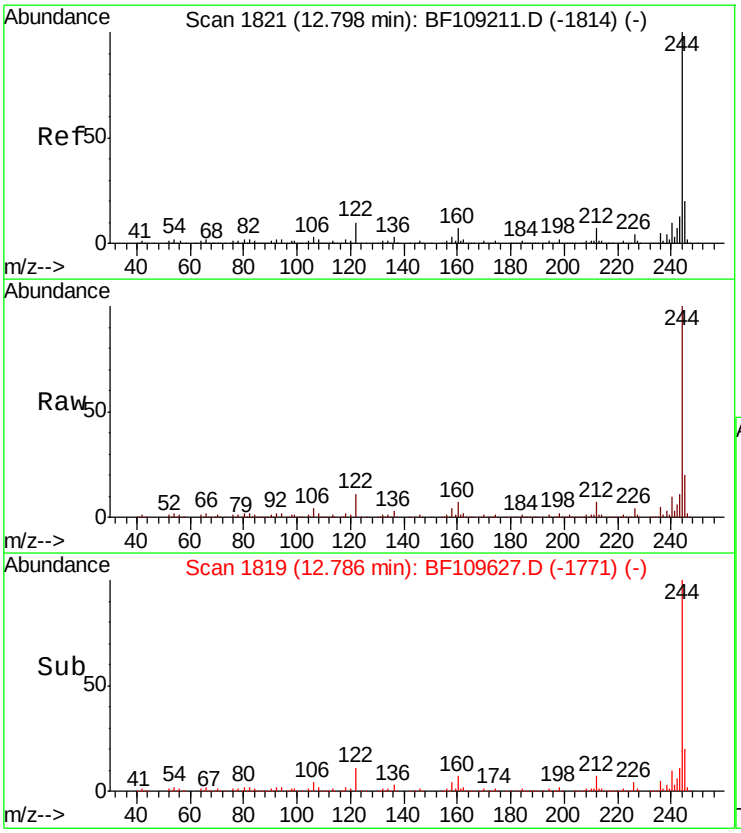
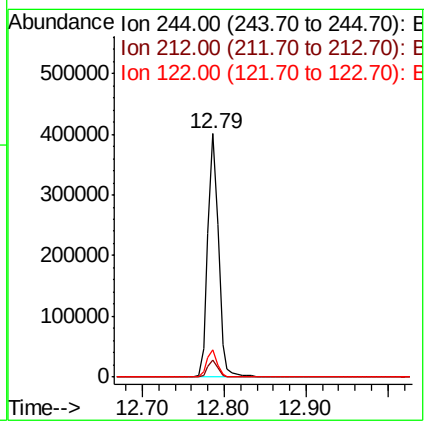
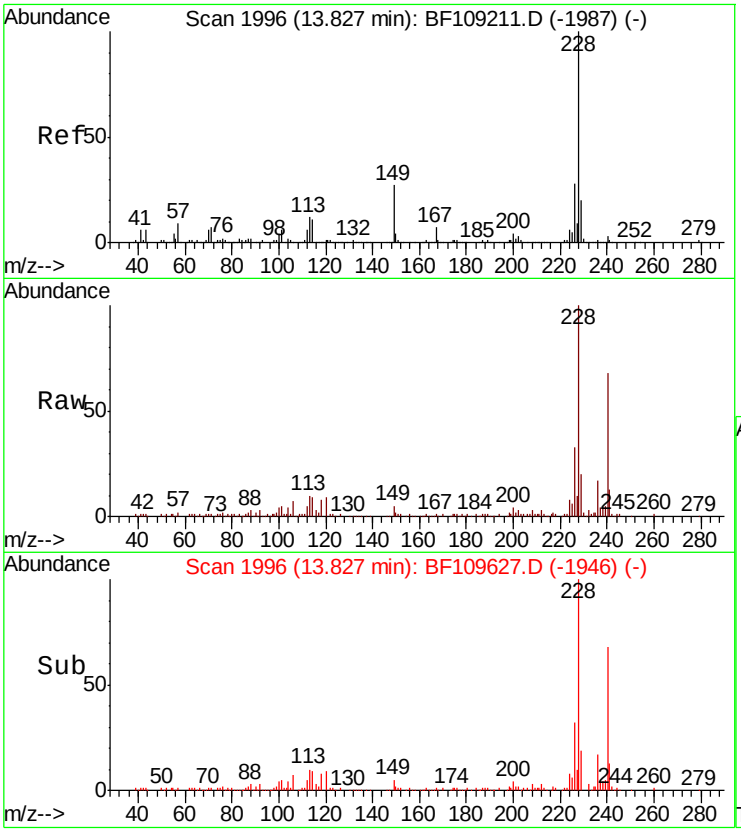


#78
Terphenyl-d14
Concen: 44.519 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BF109627.D
Acq: 5 Oct 2018 23:52

Tgt Ion:244 Resp: 365924

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.2	11.0	16.4

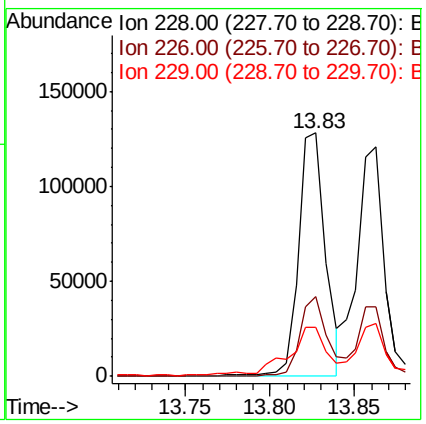




#80
Benzo(a)anthracene
Concen: 11.698 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109627.D
Acq: 5 Oct 2018 23:52

Tgt Ion:228 Resp: 142139

Ion	Ratio	Lower	Upper
228	100		
226	32.8	22.6	33.8
229	20.0	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
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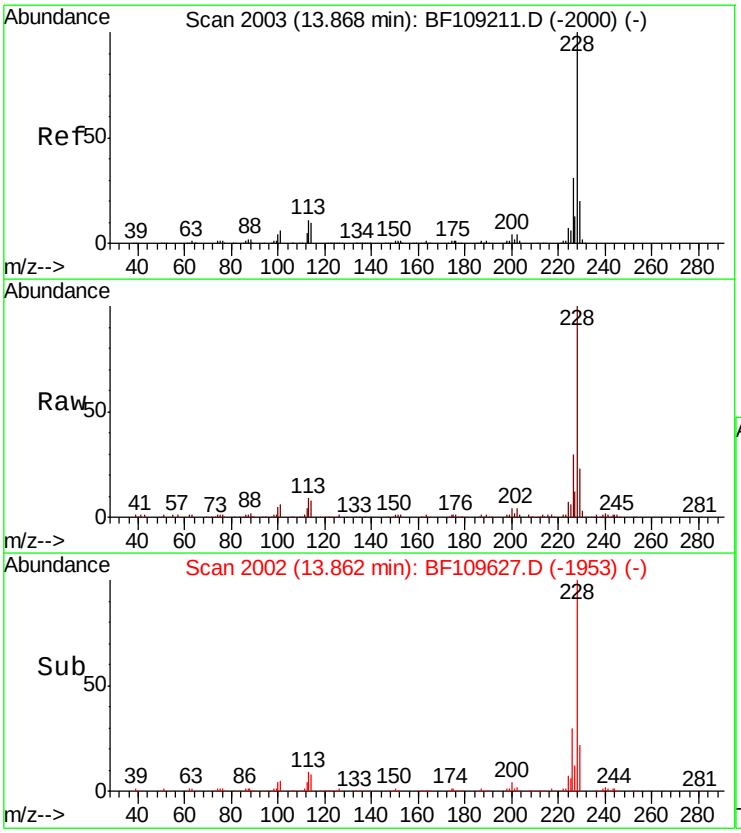
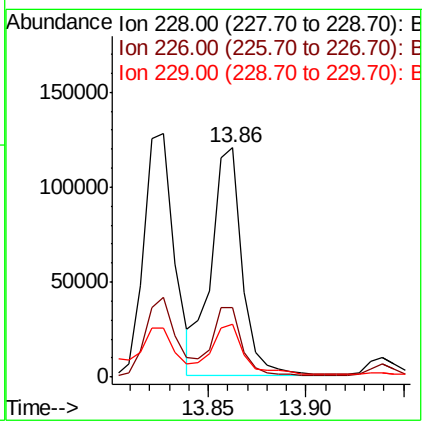
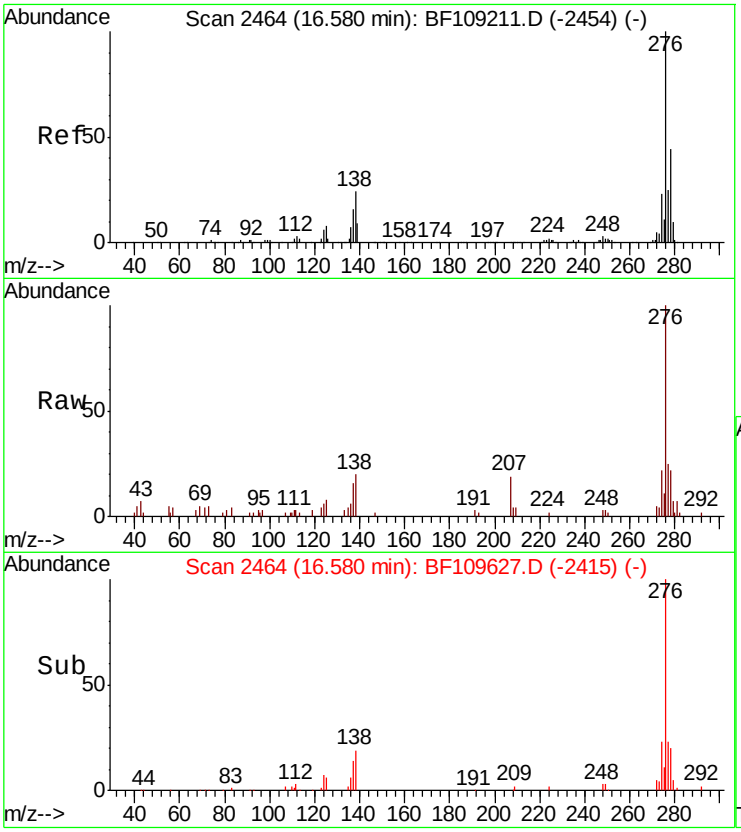


#82
Chrysene
Concen: 11.153 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF109627.D
Acq: 5 Oct 2018 23:52

Tgt Ion:228 Resp: 134313

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	23.2	16.2	24.4





#85
Indeno(1,2,3-cd)pyrene
Concen: 3.881 ng
RT: 16.58 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BF109627.D
Acq: 5 Oct 2018 23:52

Tgt Ion:276 Resp: 37885

Ion	Ratio	Lower	Upper
276	100		
138	22.3	25.0	37.6#
277	27.2	20.1	30.1

Instrument :
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ClientSampleId :
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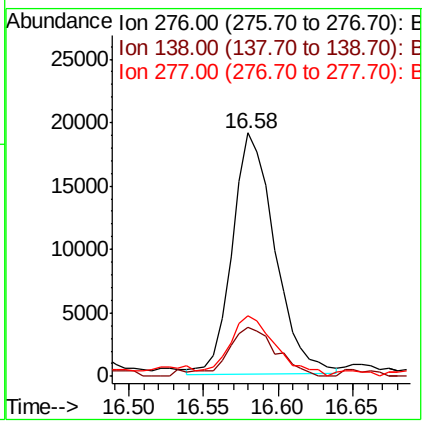
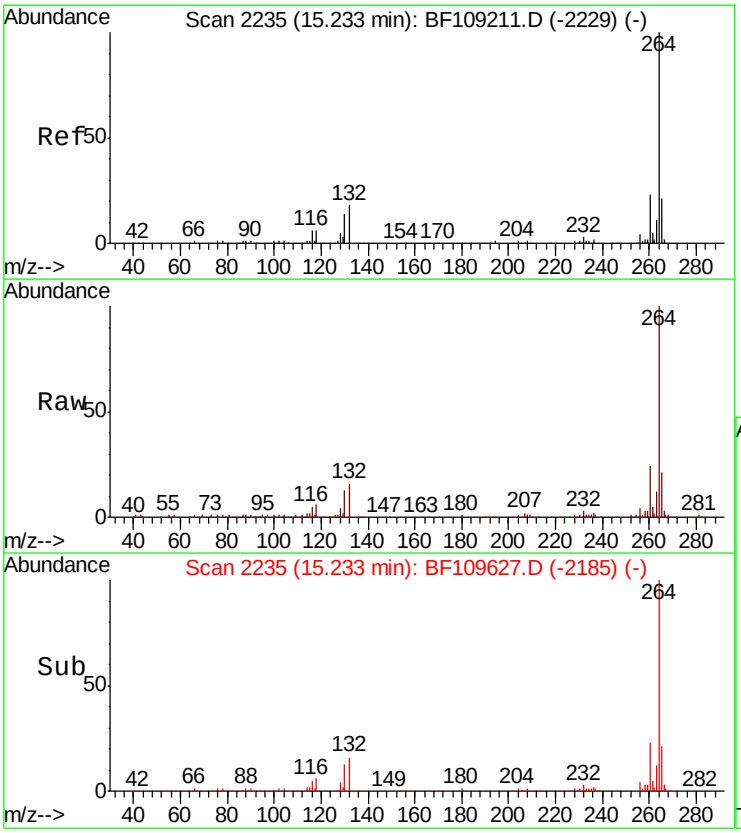
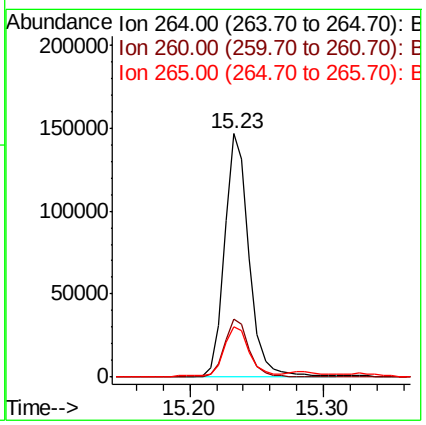


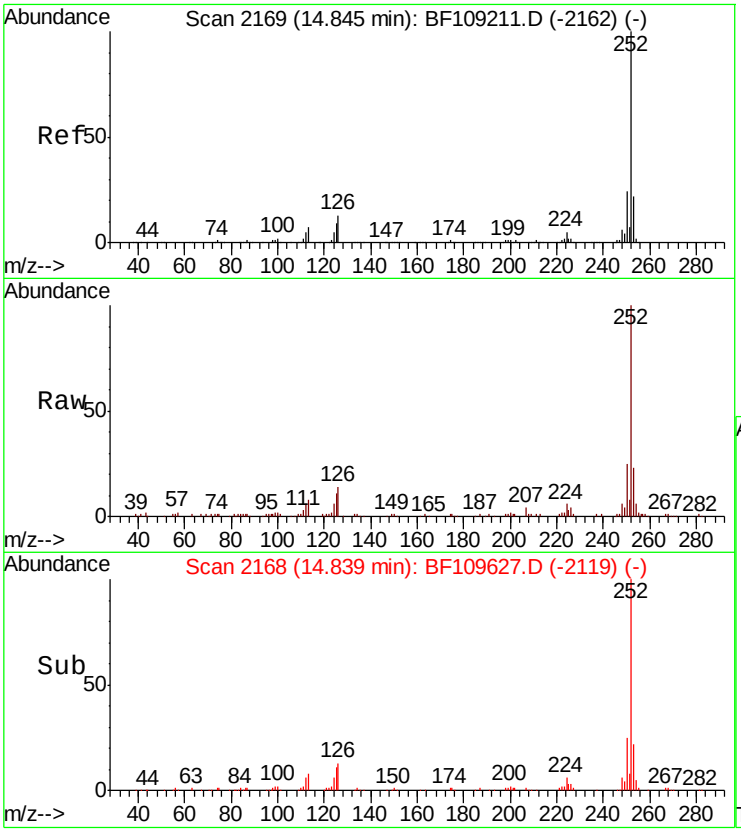


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF109627.D
Acq: 5 Oct 2018 23:52

Tgt Ion:264 Resp: 188339

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.8	17.5	26.3

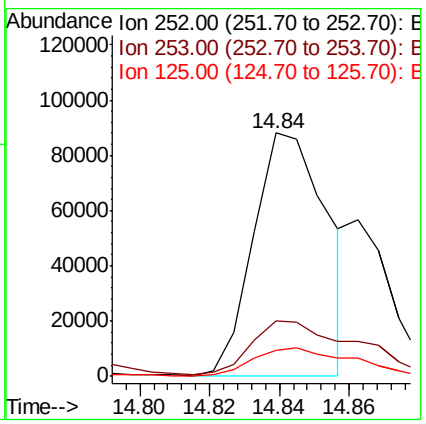




#87
Benzo(b)fluoranthene
Concen: 12.398 ng m
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF109627.D
Acq: 5 Oct 2018 23:52

Tgt Ion:252 Resp: 128308

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	10.9	9.0	13.6



Instrument :
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ClientSampleId :
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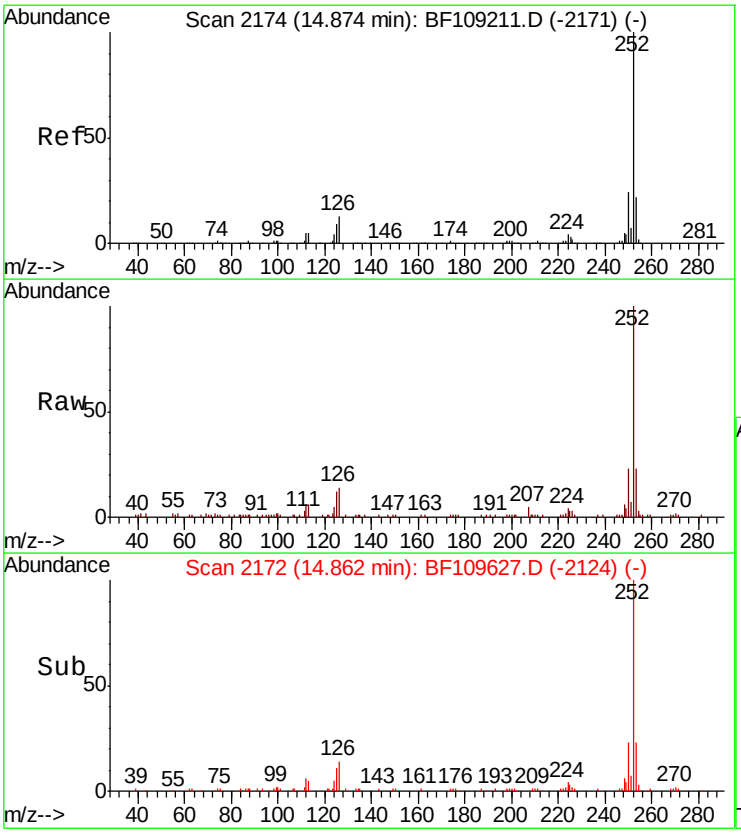
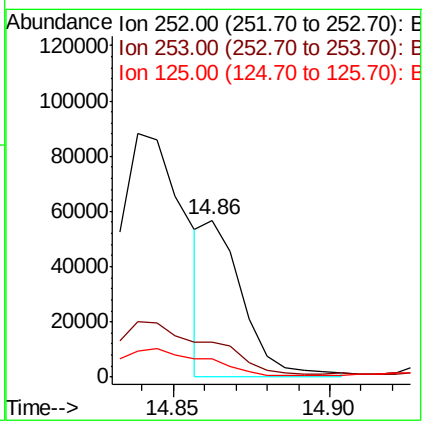
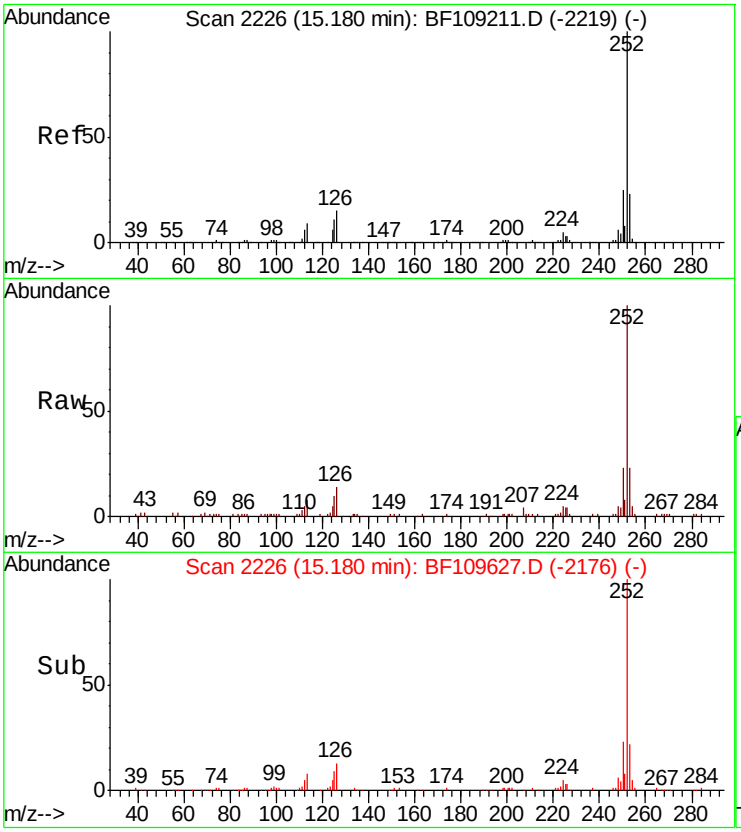


#88
Benzo(k)fluoranthene
Concen: 5.039 ng m
RT: 14.86 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BF109627.D
Acq: 5 Oct 2018 23:52

Tgt Ion:252 Resp: 49486

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	11.9	10.2	15.2





#89
Benzo(a)pyrene
Concen: 9.915 ng m
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF109627.D
Acq: 5 Oct 2018 23:52

Tgt Ion:252 Resp: 92465

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	9.7	9.8	14.6#

Instrument :
BNA_F
ClientSampleId :
GRID17-COMP-100318

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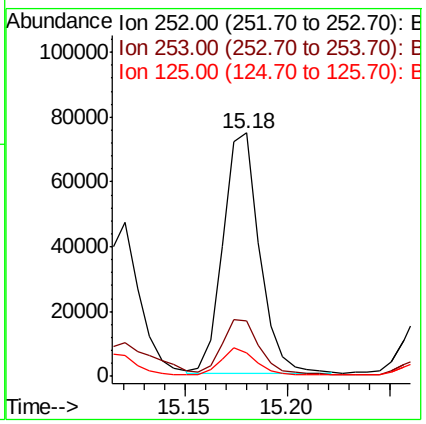

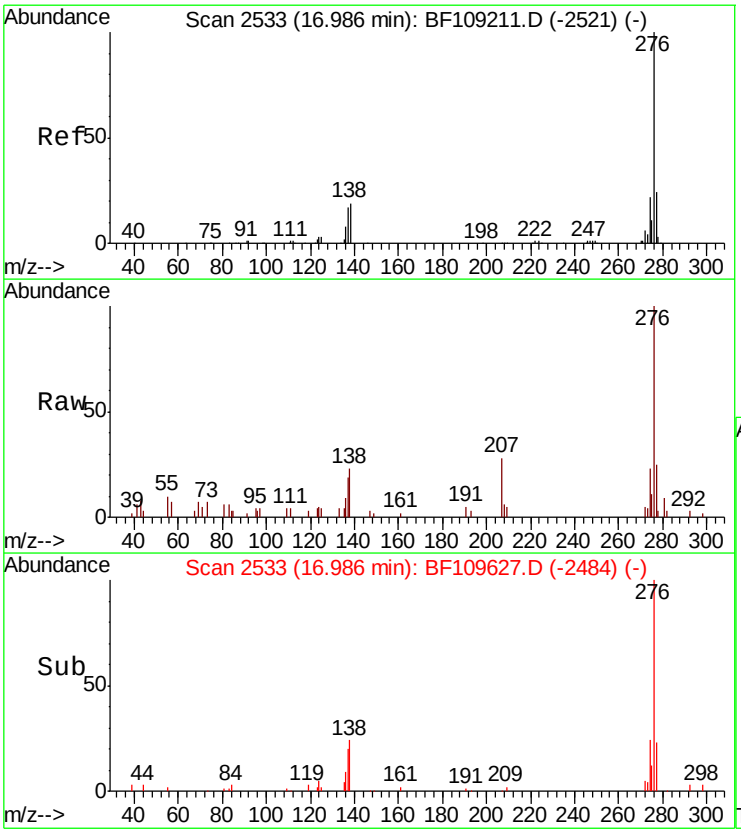

#91
Benzo(g,h,i)perylene
Concen: 4.370 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.01 min
Lab File: BF109627.D
Acq: 5 Oct 2018 23:52

Tgt Ion:276 Resp: 32856

Ion	Ratio	Lower	Upper
276	100		
277	24.9	17.9	26.9
138	23.2	21.8	32.8