Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107765.D
Acq On : 27 Jul 2018 23:58
Operator : JU/SJ
Sample : J4184-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7BS

Quant Time: Jul 30 11:57:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	168840	20.00	ng		-0.01
21) Naphthalene-d8	8.24	136	657291	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	262509	20.00	ng		-0.02
63) Phenanthrene-d10	11.50	188	448758	20.00	ng		-0.02
75) Chrysene-d12	14.15	240	436034	20.00	ng		-0.02
86) Perylene-d12	15.68	264	338022	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	498712	47.49	ng		-0.01
7) Phenol-d6	6.60	99	424394	33.66	ng		-0.02
23) Nitrobenzene-d5	7.53	82	1001360	102.82	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	376712	126.20	ng		-0.02
44) 2-Fluorobiphenyl	9.32	172	1773078	136.10	ng		-0.02
78) Terphenyl-d14	13.08	244	1495717	87.82	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	8.27	128	1154944	39.958	ng		99
33) 4-Chloroaniline	8.27	127	150211	11.890	ng	#	35
45) 1,1'-Biphenyl	9.42	154	134414	5.878	ng		97
48) Acenaphthylene	9.86	152	175897	6.699	ng		97
51) Acenaphthene	10.04	154	285622	17.361	ng		98
57) Fluorene	10.55	166	107343	6.212	ng		99
70) Phenanthrene	11.52	178	334197	15.282	ng		97
71) Anthracene	11.58	178	68807	3.125	ng		97
77) Pyrene	12.94	202	62237	2.087	ng		96

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

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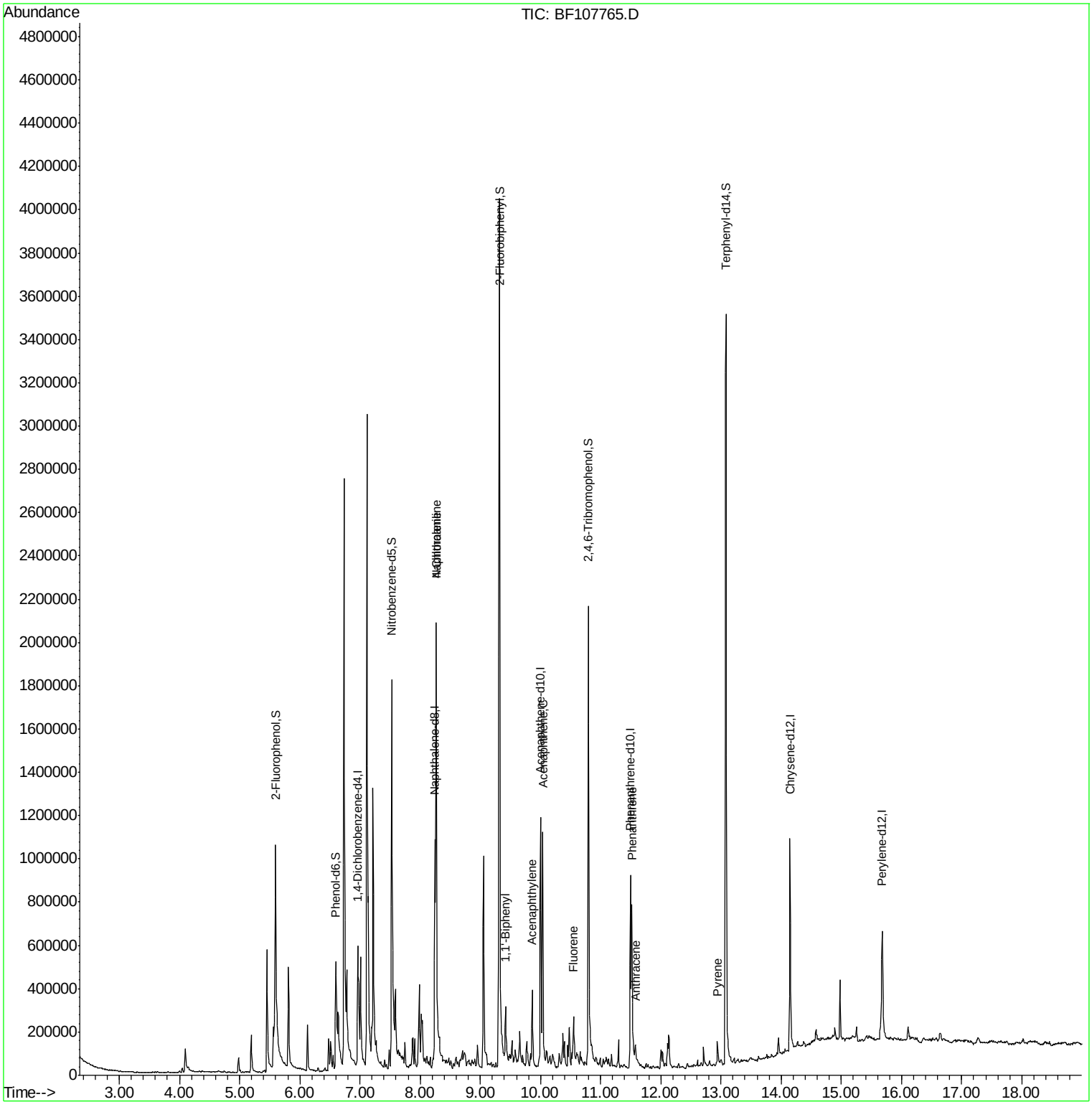
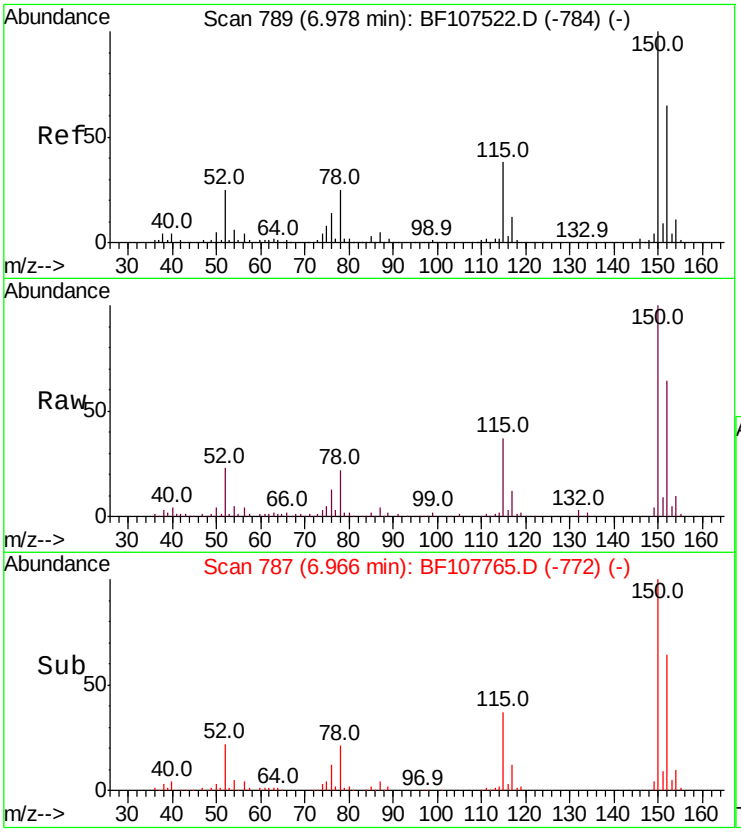


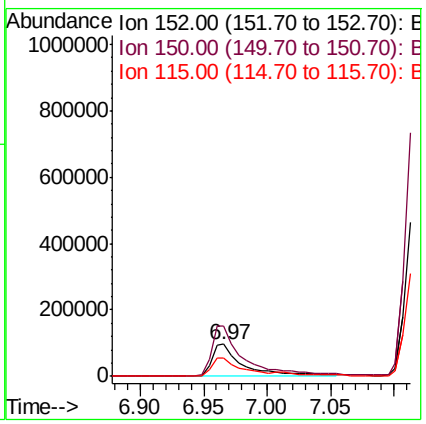


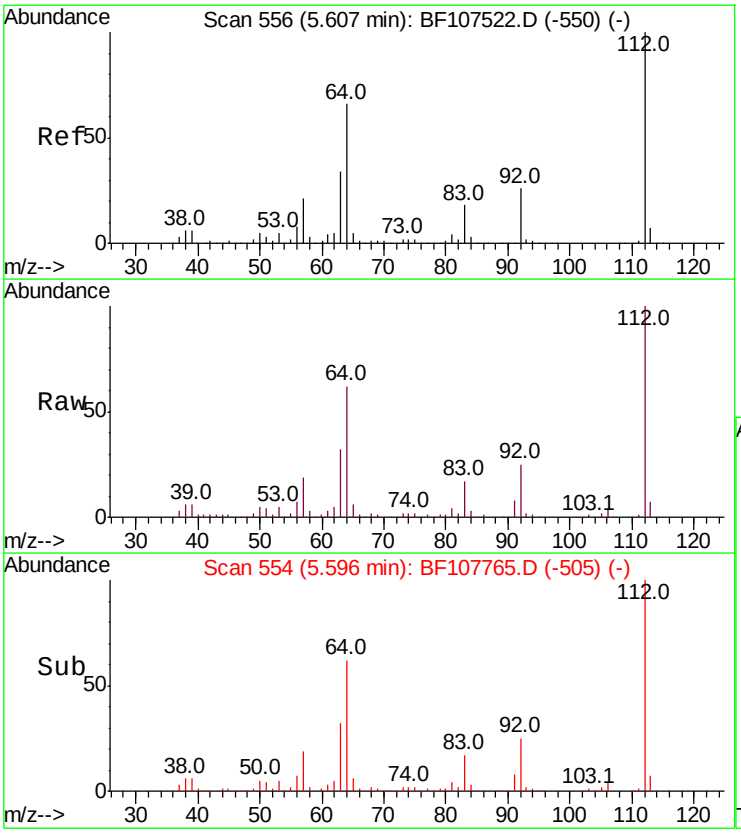
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107765.D
Acq: 27 Jul 2018 23:58

Instrument :
BNA_F
ClientSampleId :
MW-7BS

Tgt Ion:152 Resp: 168840

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	58.6	50.1	75.1

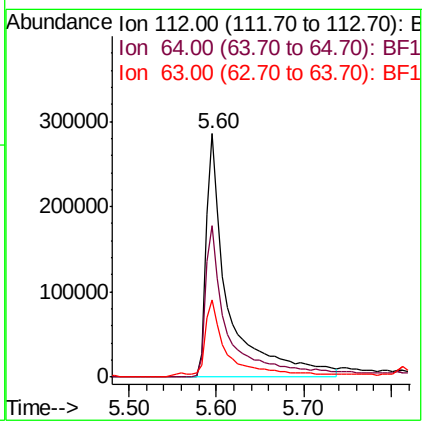


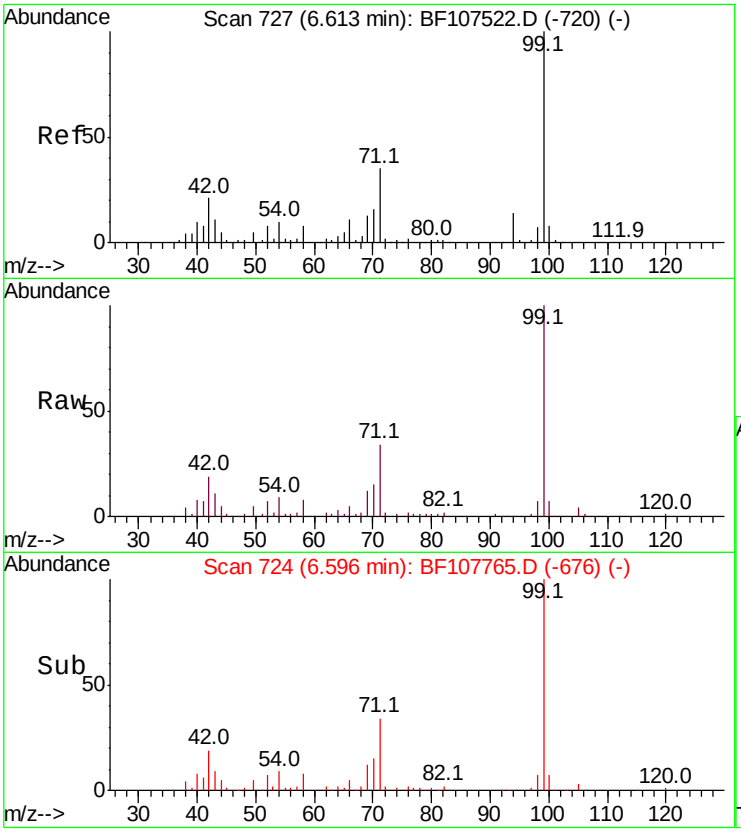


#5
2-Fluorophenol
Concen: 47.491 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107765.D
Acq: 27 Jul 2018 23:58

Tgt Ion:112 Resp: 498712

Ion	Ratio	Lower	Upper
112	100		
64	62.2	47.9	71.9
63	31.8	23.7	35.5

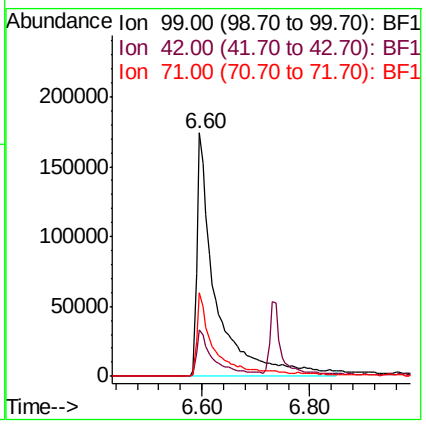




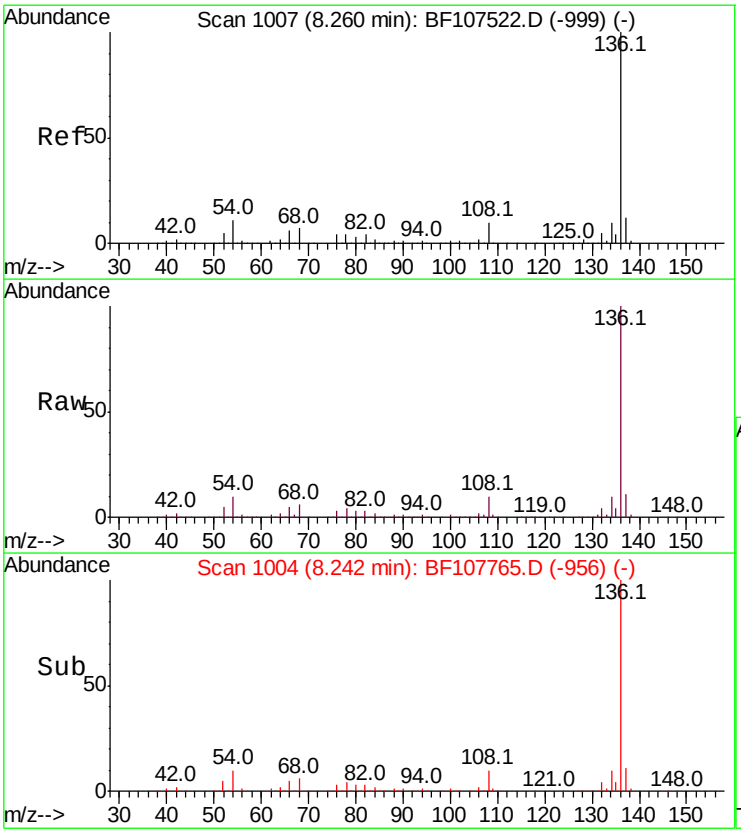
#7
Phenol-d6
Concen: 33.657 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF107765.D
Acq: 27 Jul 2018 23:58

Tgt Ion: 99 Resp: 424394

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.5	21.7
71	34.4	25.4	38.0



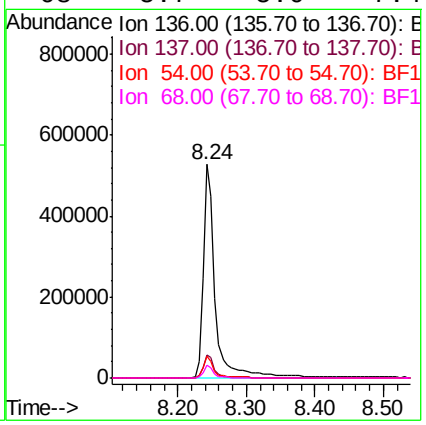
Instrument :
BNA_F
ClientSampleId :
MW-7BS

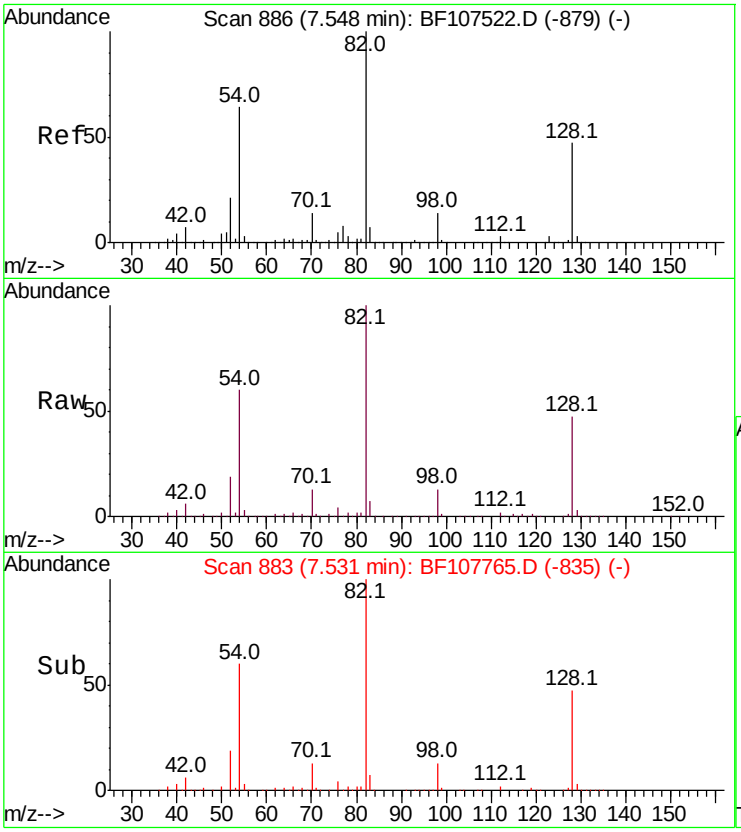


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107765.D
Acq: 27 Jul 2018 23:58

Tgt Ion:136 Resp: 657291

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.9	6.6	9.8#
68	5.7	5.0	7.4



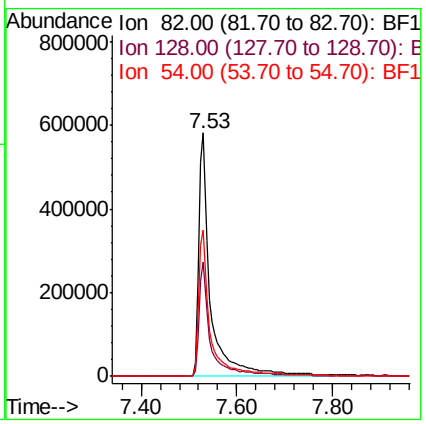


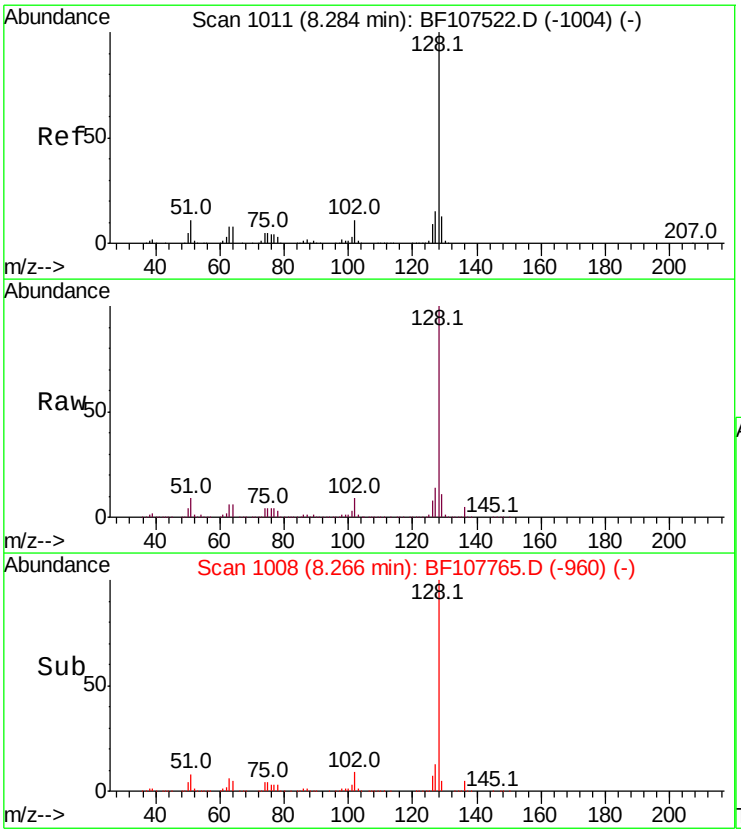
#23
Nitrobenzene-d5
Concen: 102.815 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107765.D
Acq: 27 Jul 2018 23:58

Instrument :
BNA_F
ClientSampleId :
MW-7BS

Tgt Ion: 82 Resp: 1001360

Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	59.9	41.4	62.2

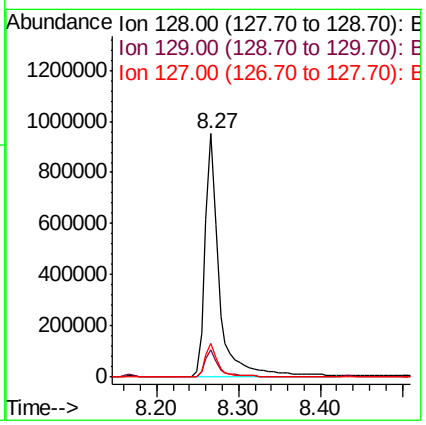


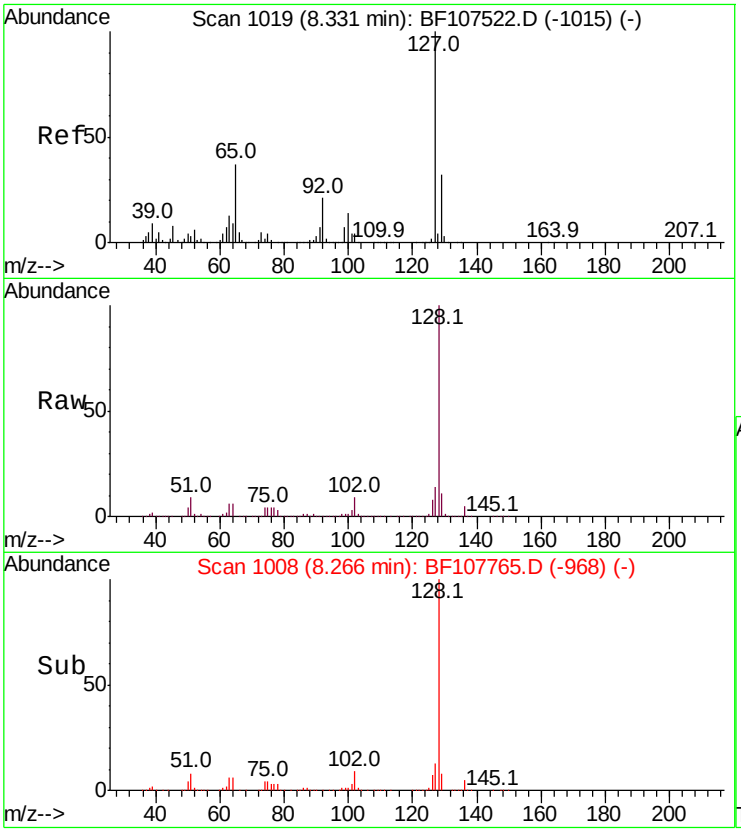


#31
Naphthalene
Concen: 39.958 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF107765.D
Acq: 27 Jul 2018 23:58

Tgt Ion:128 Resp: 1154944

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.9	10.9	16.3



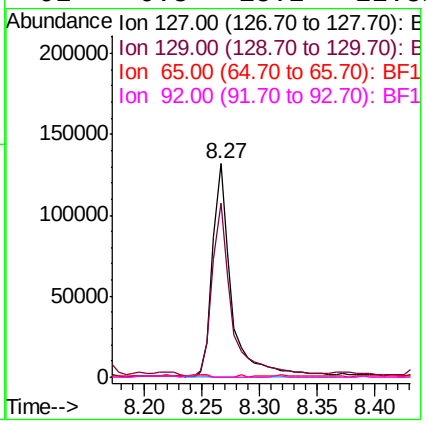


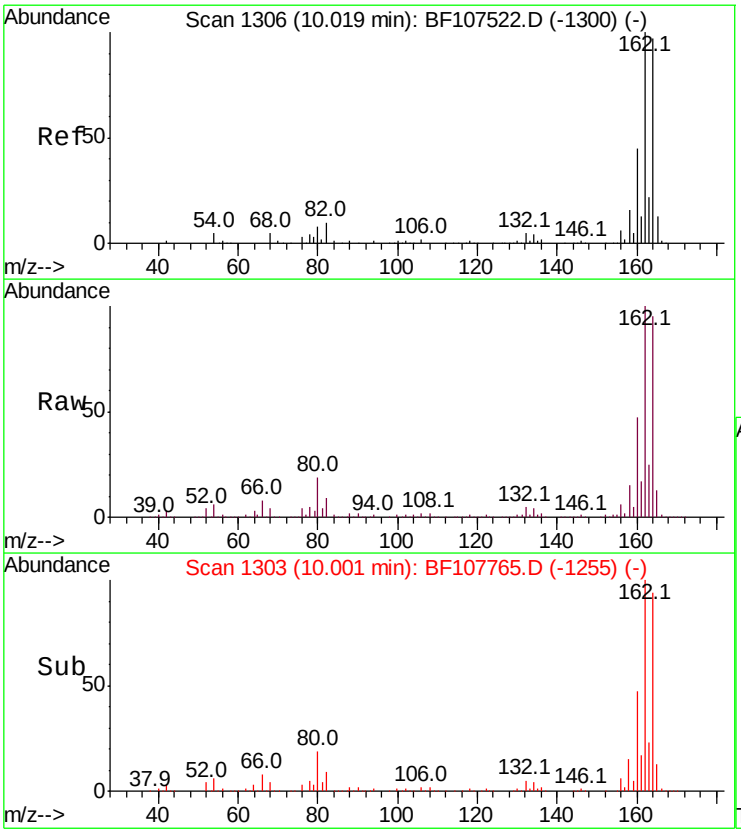
#33
4-Chloroaniline
Concen: 11.890 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.06 min
Lab File: BF107765.D
Acq: 27 Jul 2018 23:58

Instrument :
BNA_F
ClientSampleId :
MW-7BS

Tgt Ion:127 Resp: 150211

Ion	Ratio	Lower	Upper
127	100		
129	81.3	25.9	38.9#
65	0.0	25.0	37.4#
92	0.3	15.2	22.8#

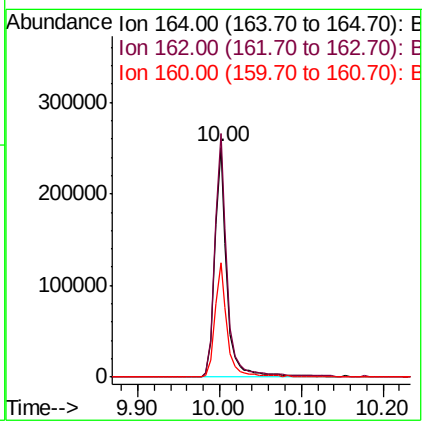


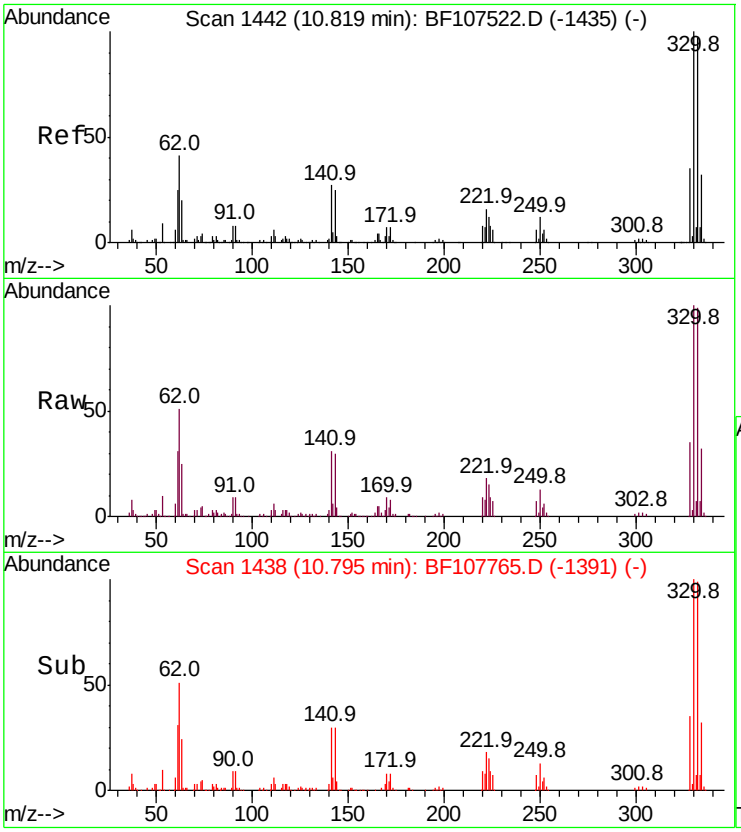


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107765.D
Acq: 27 Jul 2018 23:58

Tgt Ion:164 Resp: 262509

Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.1	129.1
160	49.7	38.3	57.5



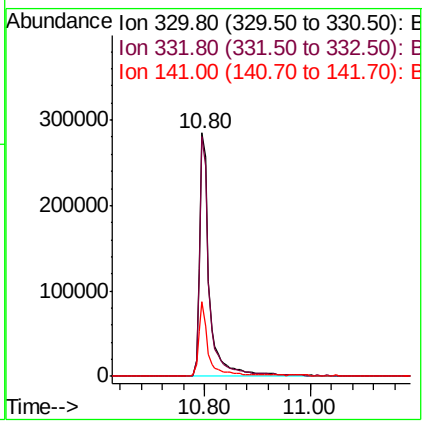


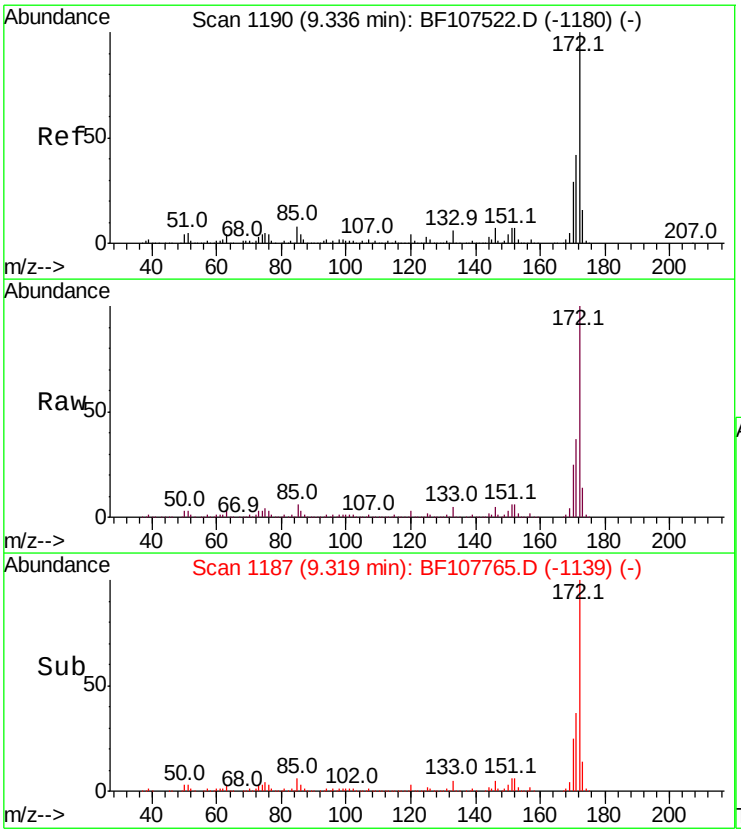
#41
2,4,6-Tribromophenol
Concen: 126.196 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF107765.D
Acq: 27 Jul 2018 23:58

Instrument :
BNA_F
ClientSampleId :
MW-7BS

Tgt Ion:330 Resp: 376712

Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	28.2	29.9	44.9#

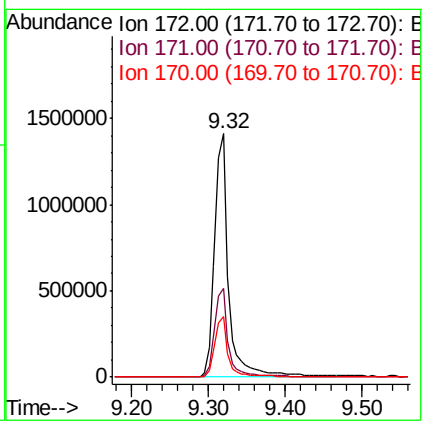


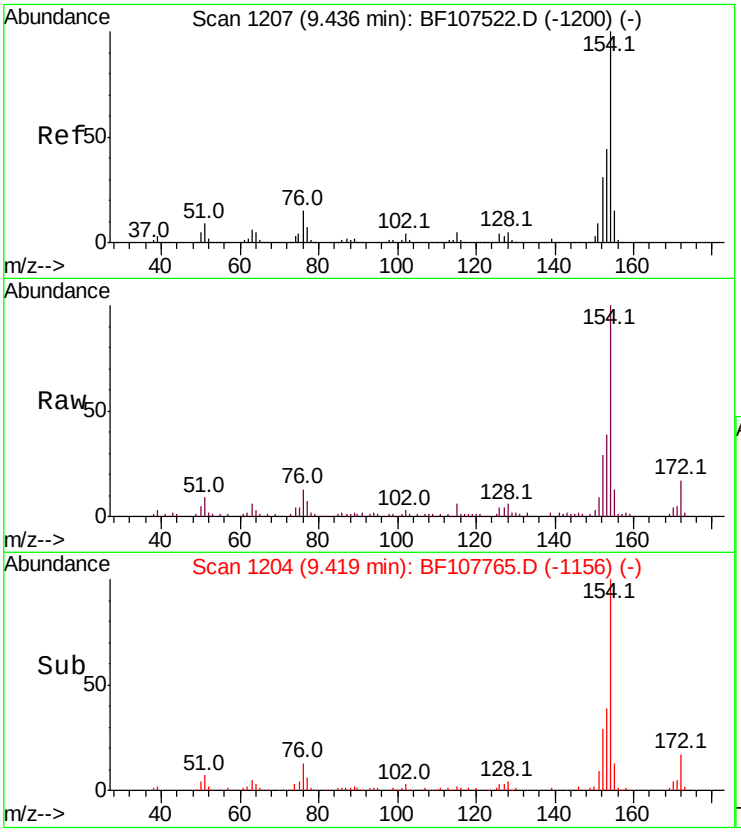


#44
2-Fluorobiphenyl
Concen: 136.104 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BF107765.D
Acq: 27 Jul 2018 23:58

Tgt Ion:172 Resp: 1773078

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.6	19.6	29.4



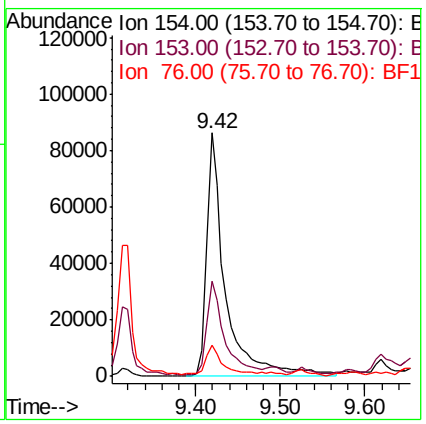


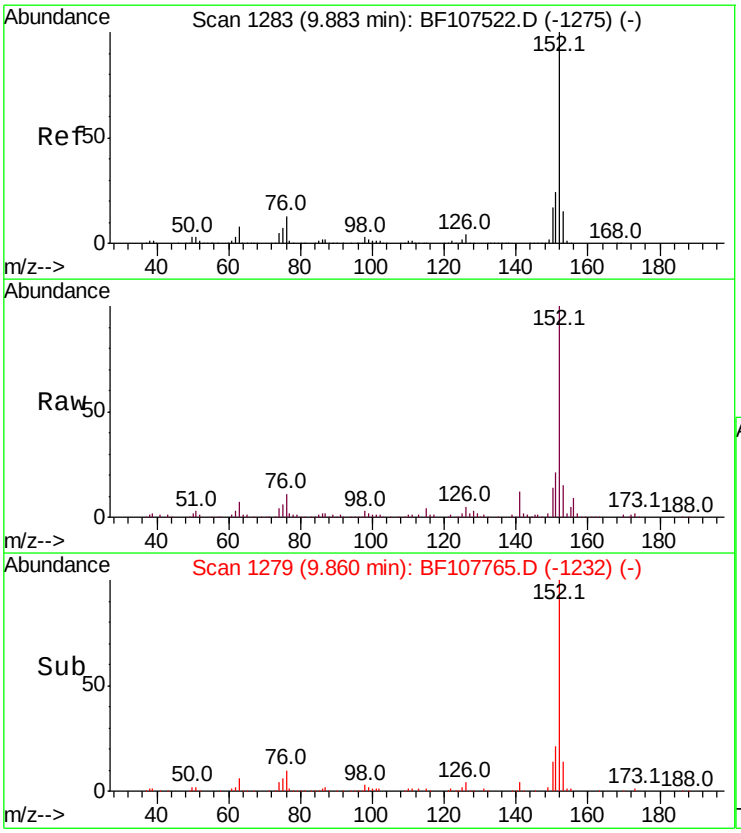
#45
1,1'-Biphenyl
Concen: 5.878 ng
RT: 9.42 min Scan# 1204
Delta R.T. -0.02 min
Lab File: BF107765.D
Acq: 27 Jul 2018 23:58

Instrument :
BNA_F
ClientSampleId :
MW-7BS

Tgt Ion:154 Resp: 134414

Ion	Ratio	Lower	Upper
154	100		
153	39.3	21.3	61.3
76	12.5	0.0	34.0

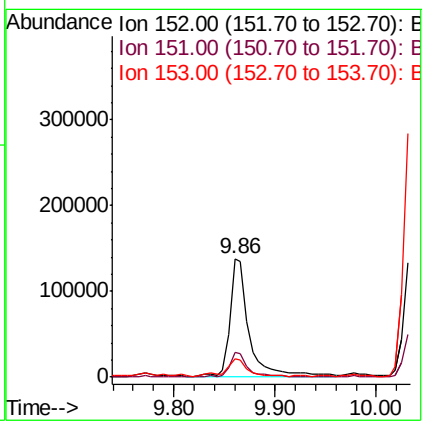


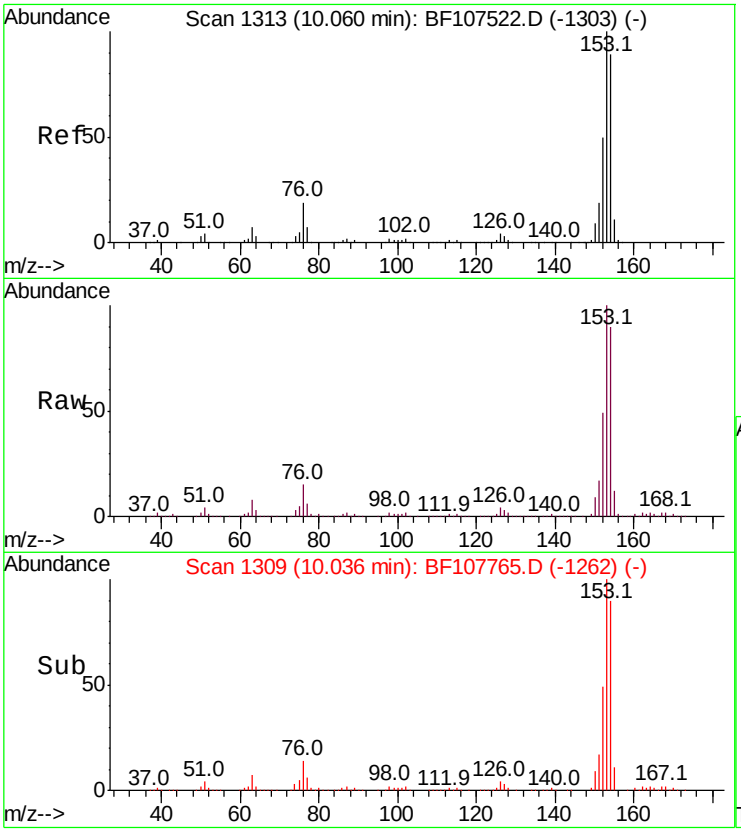


#48
Acenaphthylene
Concen: 6.699 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF107765.D
Acq: 27 Jul 2018 23:58

Tgt Ion:152 Resp: 175897

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.3	24.5
153	15.3	10.7	16.1



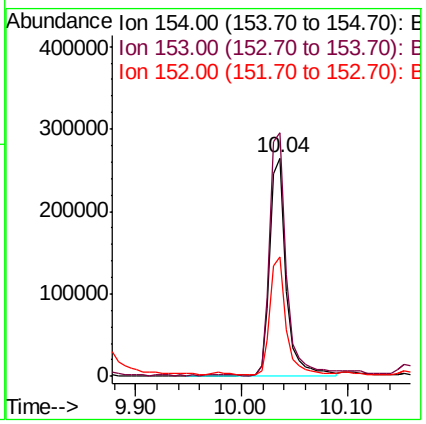


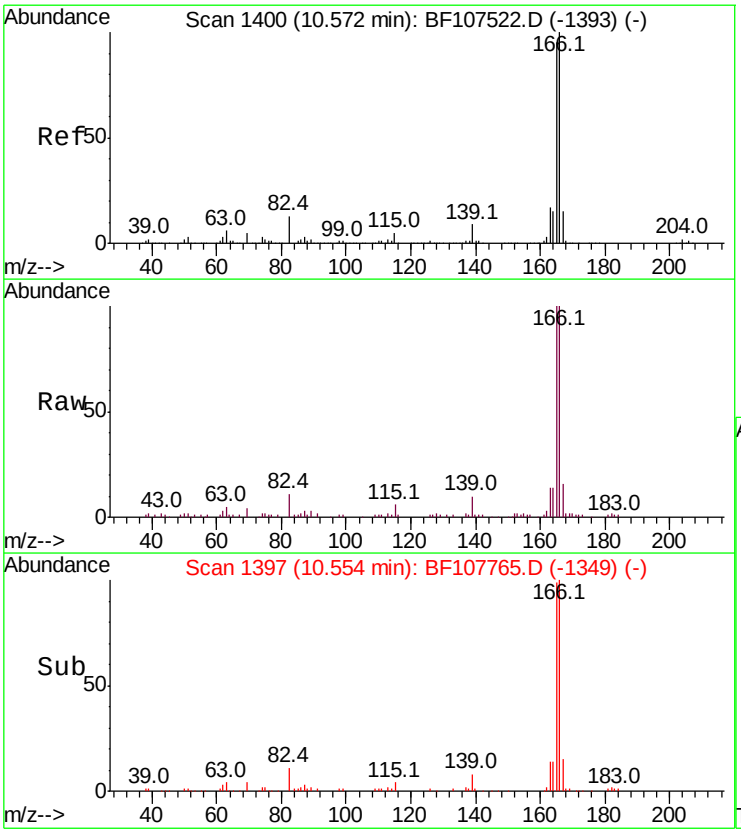
#51
Acenaphthene
Concen: 17.361 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF107765.D
Acq: 27 Jul 2018 23:58

Instrument :
BNA_F
ClientSampleId :
MW-7BS

Tgt Ion:154 Resp: 285622

Ion	Ratio	Lower	Upper
154	100		
153	111.4	91.2	136.8
152	54.9	43.8	65.8

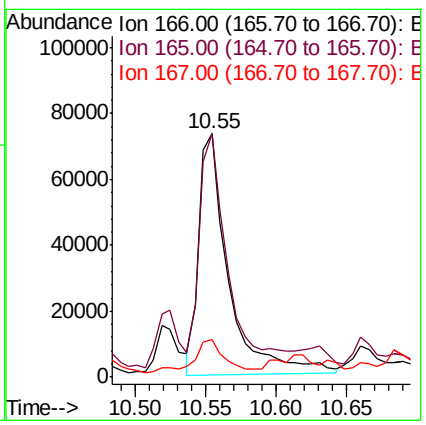


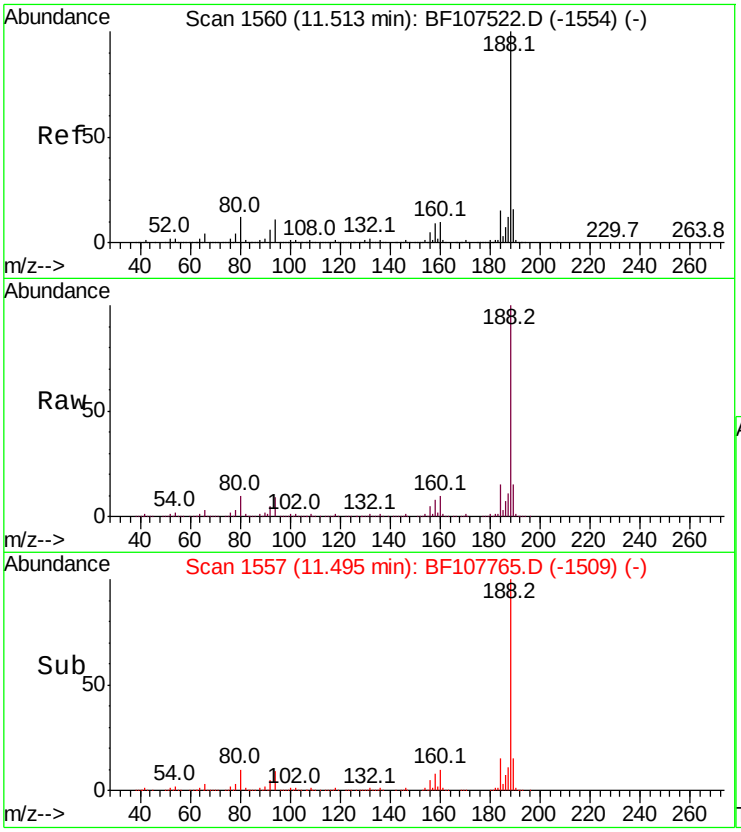


#57
Fluorene
Concen: 6.212 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF107765.D
Acq: 27 Jul 2018 23:58

Tgt Ion:166 Resp: 107343

Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.8	119.8
167	15.7	10.6	16.0



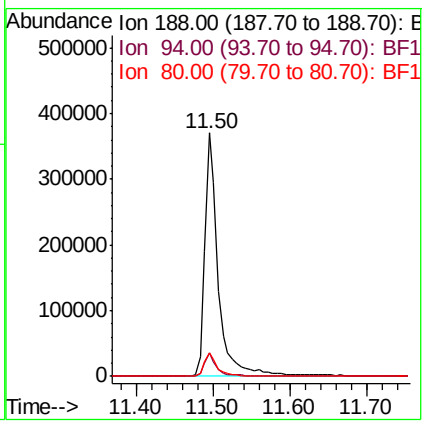


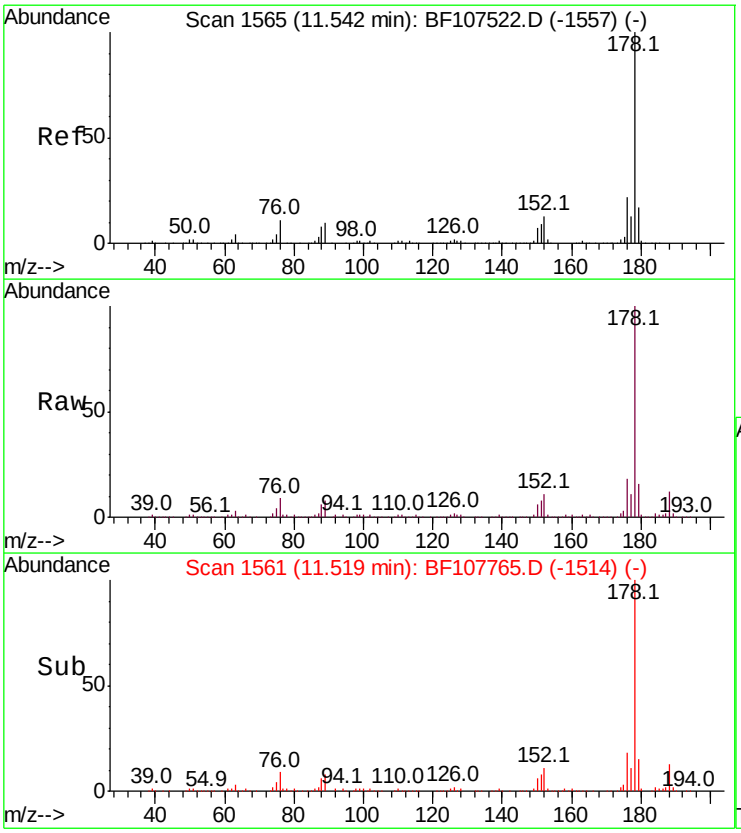
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107765.D
Acq: 27 Jul 2018 23:58

Instrument :
BNA_F
ClientSampleId :
MW-7BS

Tgt Ion:188 Resp: 448758

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	9.7	9.2	13.8

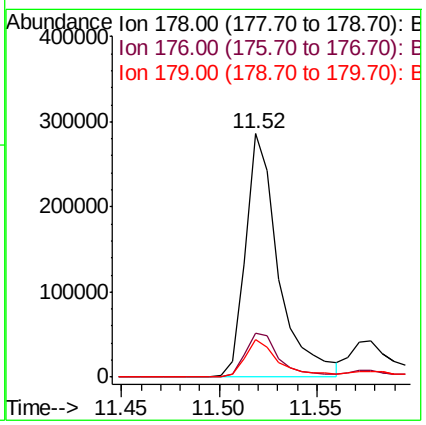


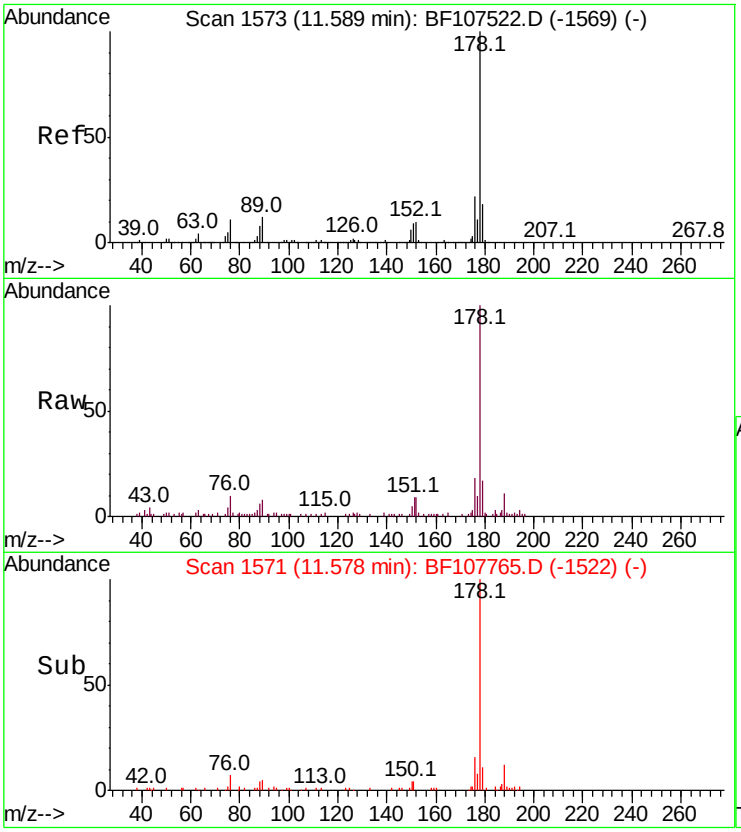


#70
Phenanthrene
Concen: 15.282 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF107765.D
Acq: 27 Jul 2018 23:58

Tgt Ion:178 Resp: 334197

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	15.6	13.0	19.6



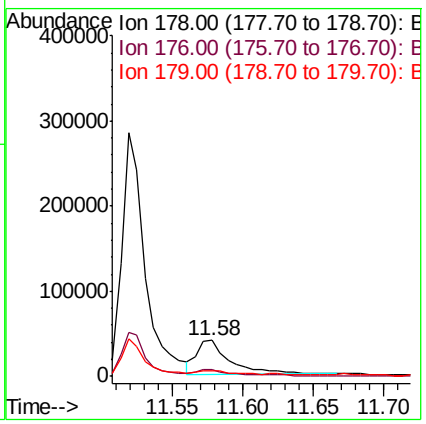


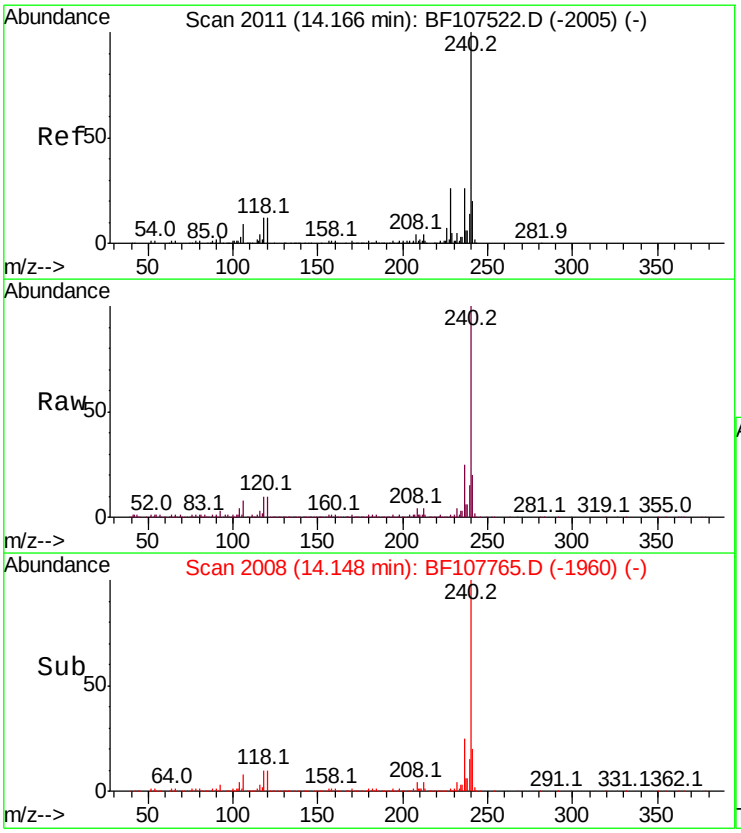
#71
Anthracene
Concen: 3.125 ng
RT: 11.58 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF107765.D
Acq: 27 Jul 2018 23:58

Instrument :
BNA_F
ClientSampleId :
MW-7BS

Tgt Ion:178 Resp: 68807

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	17.0	12.6	19.0

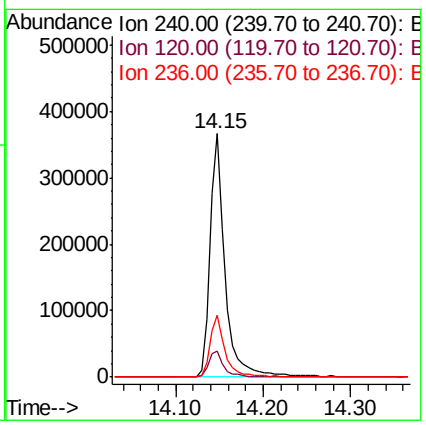


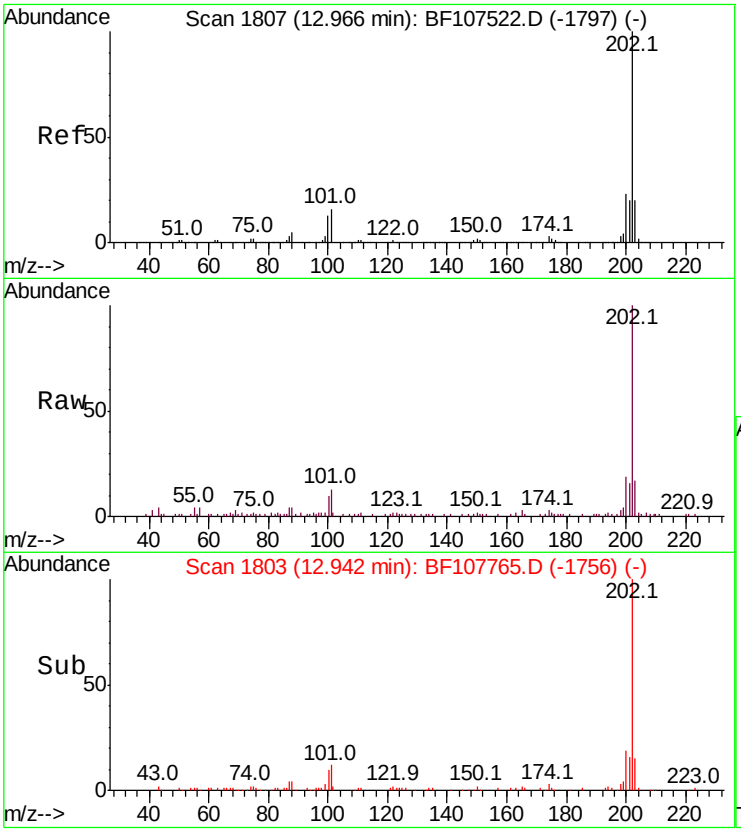


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107765.D
Acq: 27 Jul 2018 23:58

Tgt Ion:240 Resp: 436034

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	25.4	20.7	31.1



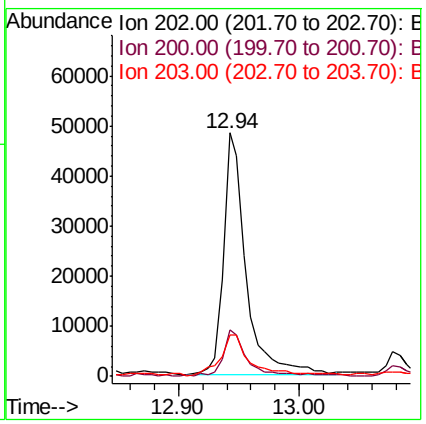


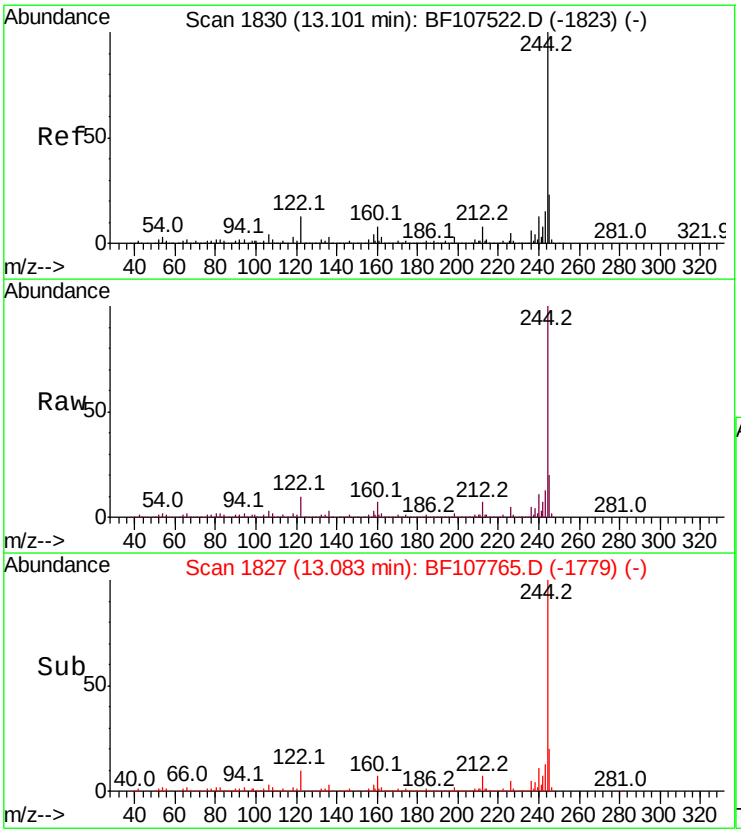
#77
Pyrene
Concen: 2.087 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BF107765.D
Acq: 27 Jul 2018 23:58

Instrument :
BNA_F
ClientSampleId :
MW-7BS

Tgt Ion:202 Resp: 62237

Ion	Ratio	Lower	Upper
202	100		
200	19.1	17.4	26.2
203	17.2	14.3	21.5

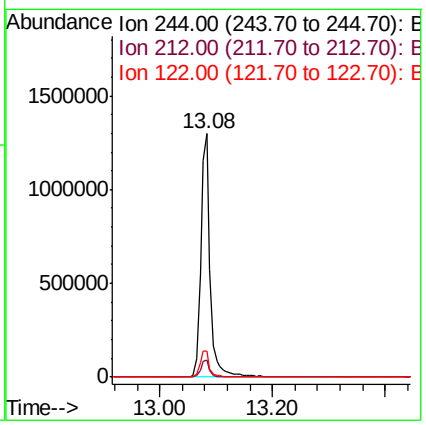


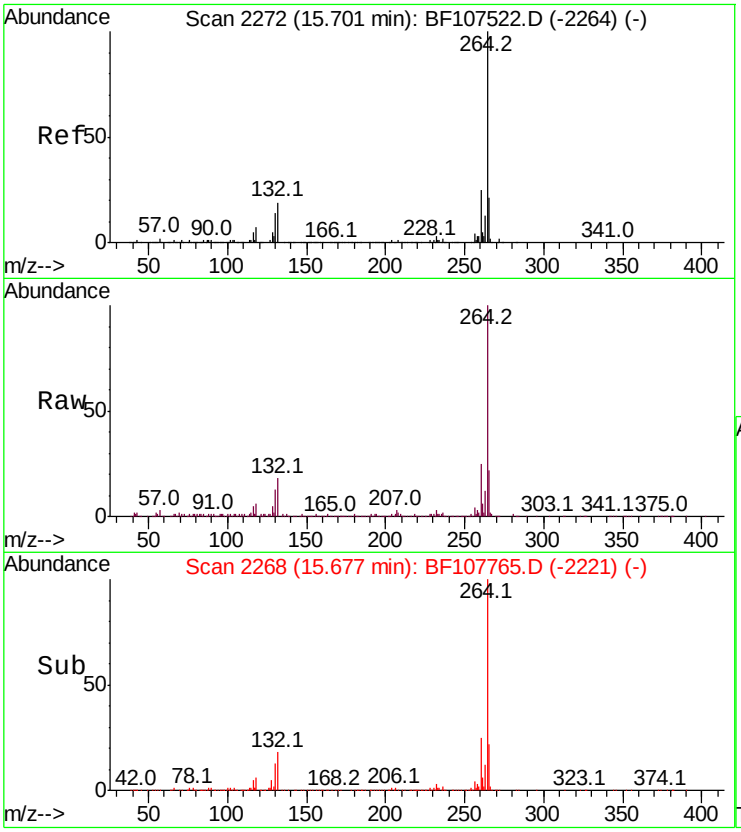


#78
Terphenyl-d14
Concen: 87.818 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF107765.D
Acq: 27 Jul 2018 23:58

Tgt Ion:244 Resp: 1495717

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.5	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF107765.D
Acq: 27 Jul 2018 23:58

Instrument :
BNA_F
ClientSampleId :
MW-7BS

Tgt Ion:264 Resp: 338022

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.9	17.5	26.3