Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101118\
Data File : BF109803.D
Acq On : 11 Oct 2018 22:55
Operator : JU/SJ
Sample : J5314-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-18

Quant Time: Oct 12 04:27:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	70878	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	279912	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	114220	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	189456	20.00	ng		0.00
75) Chrysene-d12	13.83	240	198686	20.00	ng		0.00
86) Perylene-d12	15.23	264	212344	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	337769	84.59	ng		-0.01
7) Phenol-d6	6.34	99	484986	90.92	ng		-0.02
23) Nitrobenzene-d5	7.26	82	333054	65.59	ng		-0.01
41) 2,4,6-Tribromophenol	10.51	330	86812	69.75	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	465629	56.15	ng		-0.01
78) Terphenyl-d14	12.77	244	375370	36.57	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	41233	11.023	ng	#	77
25) Isophorone	7.26	82	334478	39.667	ng	#	67
31) Naphthalene	8.00	128	59265	4.578	ng		98
49) Dimethylphthalate	9.45	163	36672	4.378	ng		98
50) 2,6-Dinitrotoluene	9.72	165	15065	8.296	ng	#	21
51) Acenaphthene	9.75	154	52520	7.950	ng		99
54) Dibenzofuran	9.93	168	31031	3.133	ng		97
55) 4-Nitrophenol	9.93	139	11704	10.505	ng	#	6
56) 2,4-Dinitrotoluene	9.72	165	15174	6.696	ng	#	17
57) Fluorene	10.27	166	45495	6.152	ng		98
66) 4-Bromophenyl-phenylether	10.50	248	5066	2.327	ng	#	1
70) Phenanthrene	11.22	178	508053	53.586	ng		100
71) Anthracene	11.27	178	165974	16.935	ng		96
72) Carbazole	11.44	167	60174	6.330	ng		98
74) Fluoranthene	12.41	202	807816	81.558	ng		98
77) Pyrene	12.63	202	761483	52.310	ng		98
80) Benzo(a)anthracene	13.82	228	441321	40.251	ng		96
82) Chrysene	13.86	228	359658	31.229	ng		98
85) Indeno(1,2,3-cd)pyrene	16.58	276	139749	16.953	ng		94
87) Benzo(b)fluoranthene	14.84	252	602666	51.358	ng		96
88) Benzo(k)fluoranthene	14.84	252	602666	51.115	ng		95
89) Benzo(a)pyrene	15.17	252	333811	31.347	ng		99
90) Dibenzo(a,h)anthracene	16.58	278	30982	3.543	ng	#	77
91) Benzo(g,h,i)perylene	16.98	276	124919	14.304	ng		99

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

Quantitation Report (Not Reviewed)

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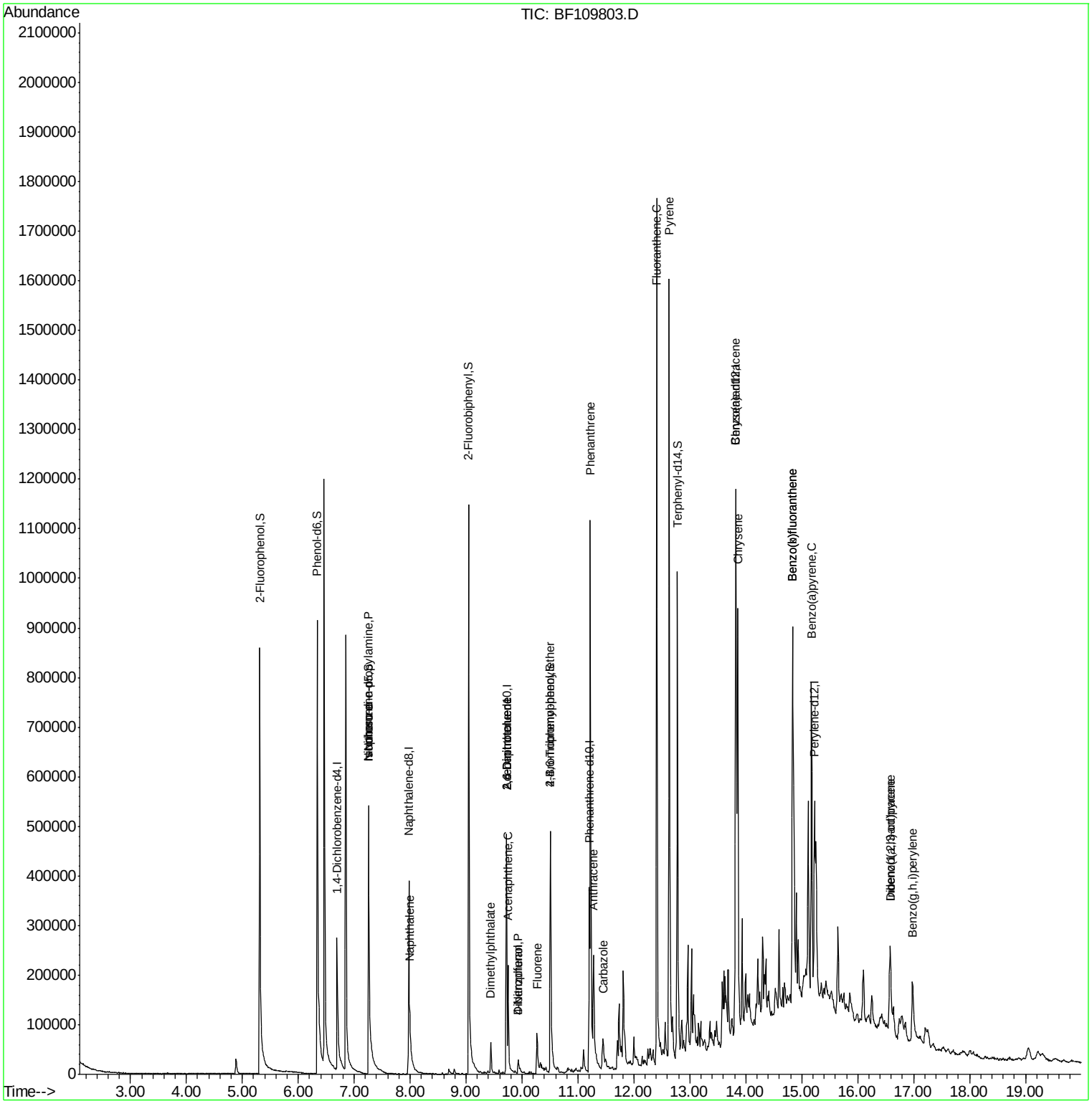
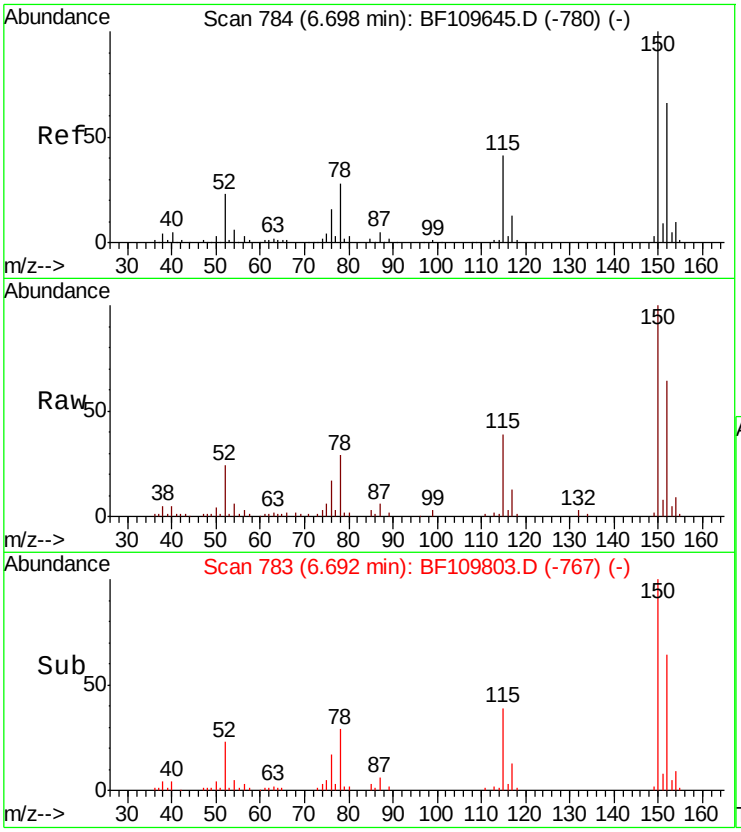
Acq On : 11 Oct 2018 22:55
Operator : JU/SJ
Sample : J5314-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18

Quant Time: Oct 12 04:27:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration



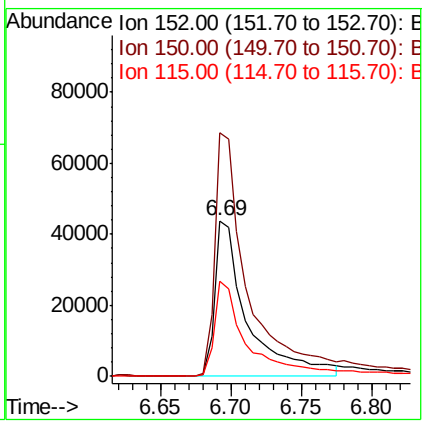


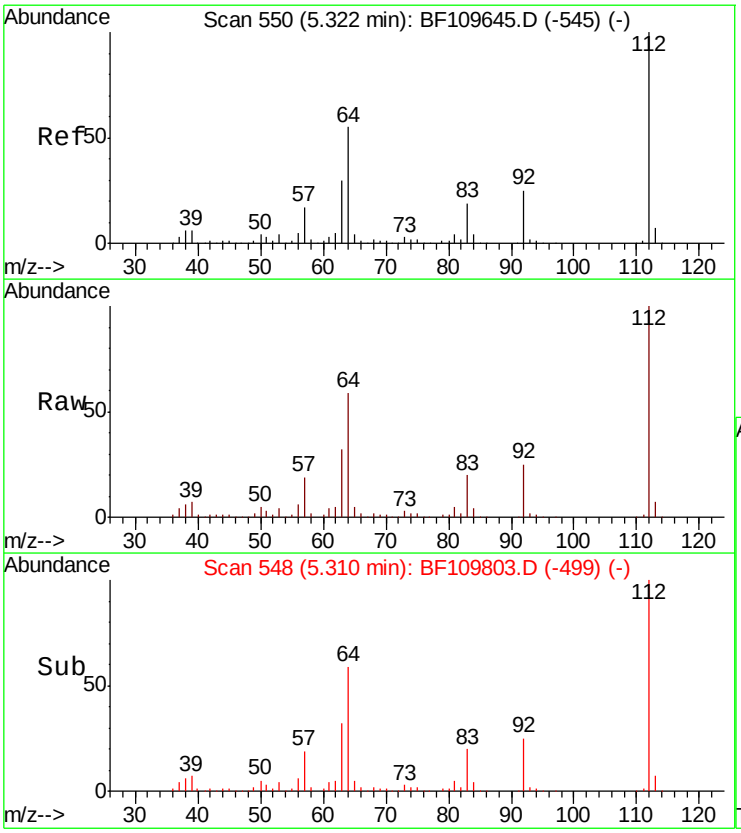
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18

Tgt Ion:152 Resp: 70878

Ion	Ratio	Lower	Upper
152	100		
150	156.5	122.7	184.1
115	61.5	49.1	73.7

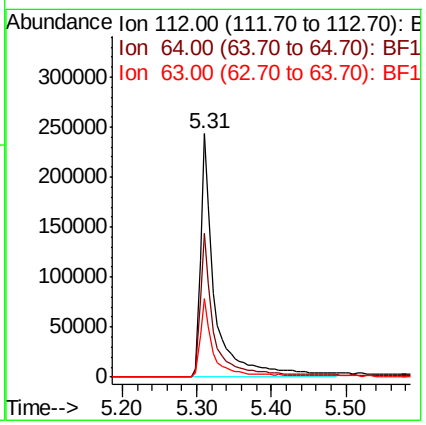


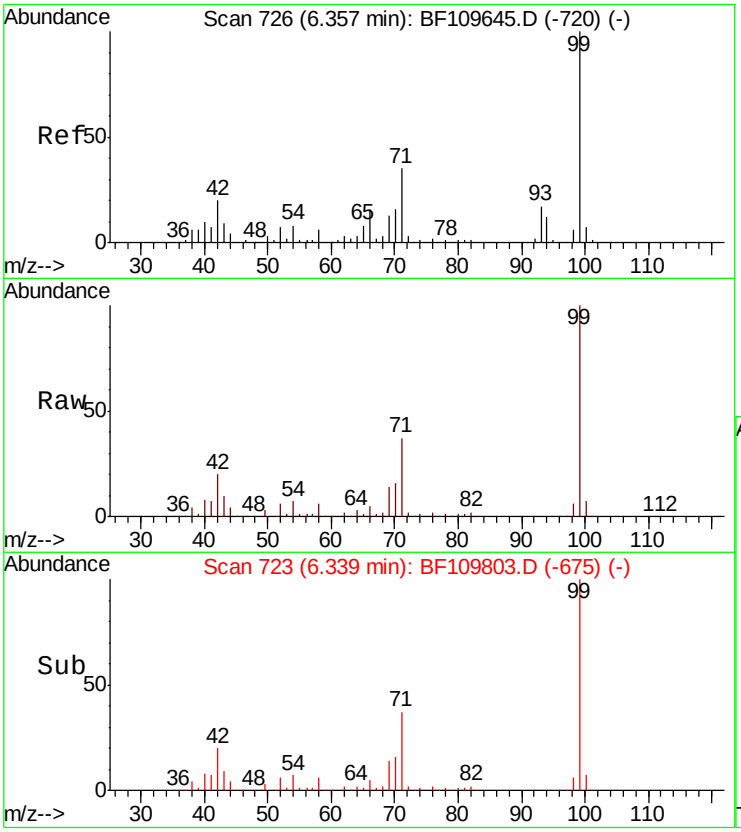


#5
2-Fluorophenol
Concen: 84.589 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Tgt Ion:112 Resp: 337769

Ion	Ratio	Lower	Upper
112	100		
64	58.9	44.1	66.1
63	32.0	23.7	35.5



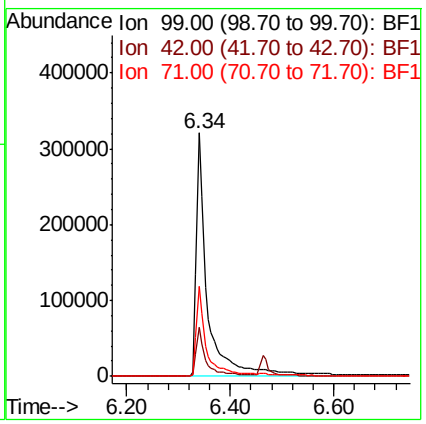


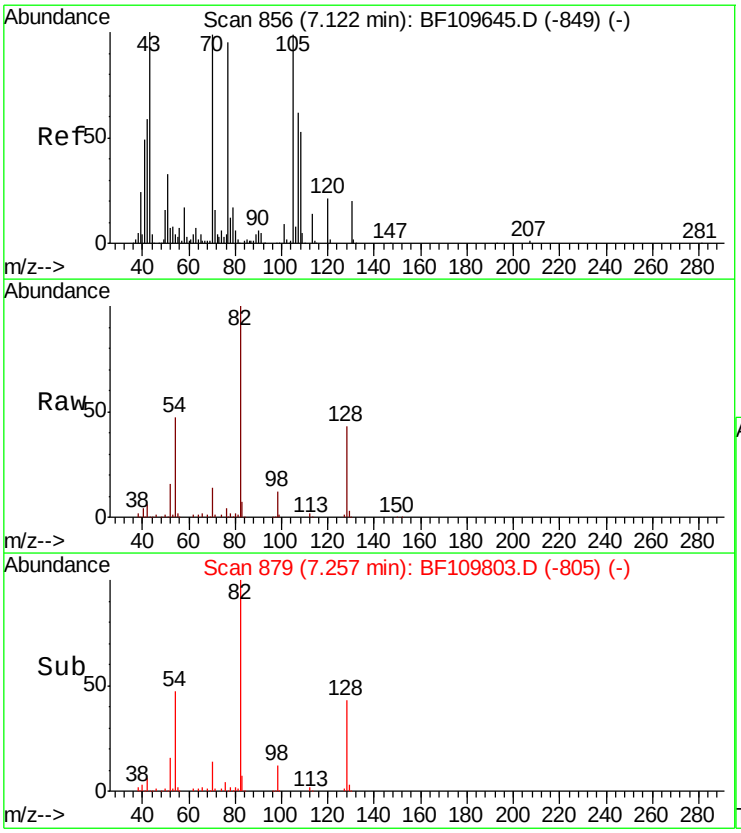
#7
Phenol-d6
Concen: 90.919 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18

Tgt Ion: 99 Resp: 484986

Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.8	23.6
71	36.9	28.0	42.0

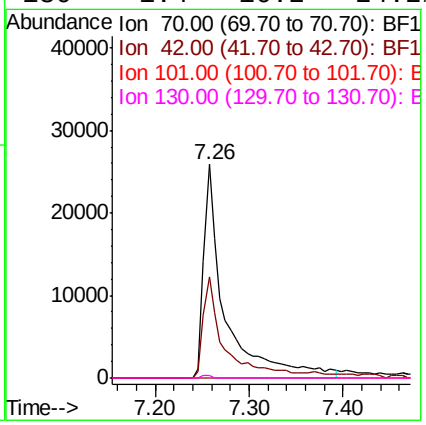


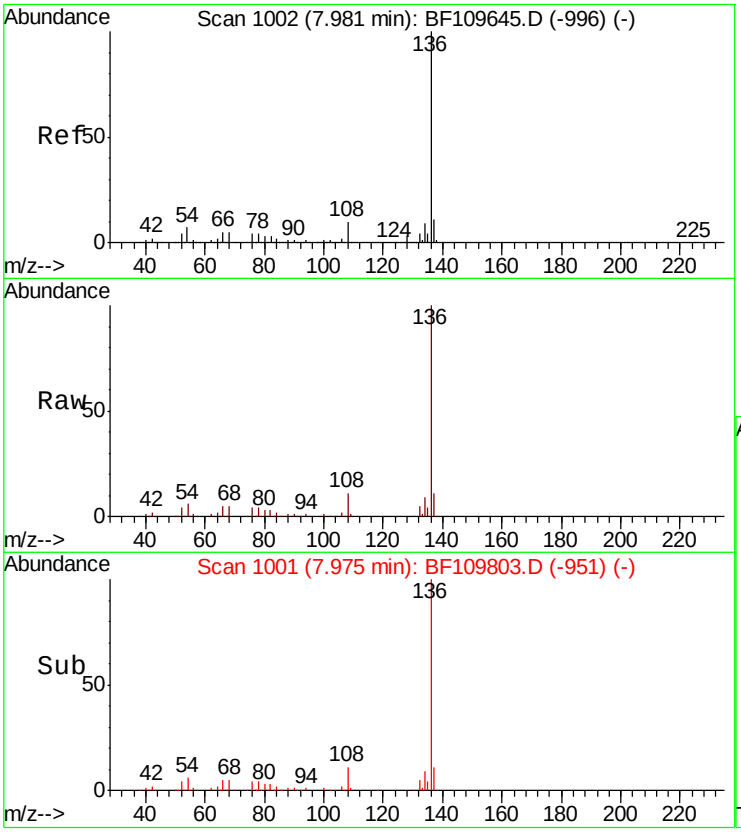


#19
n-Nitroso-di-n-propylamine
Concen: 11.023 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Tgt Ion: 70 Resp: 41233

Ion	Ratio	Lower	Upper
70	100		
42	47.4	47.4	71.2#
101	0.0	7.3	10.9#
130	1.4	16.2	24.2#



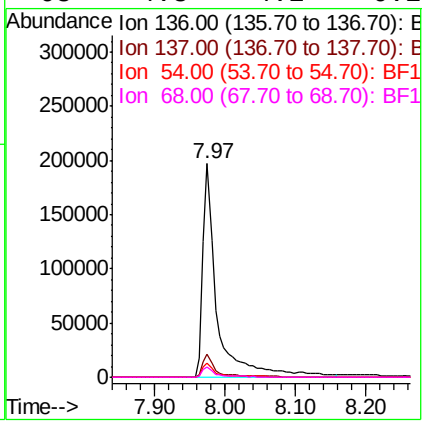


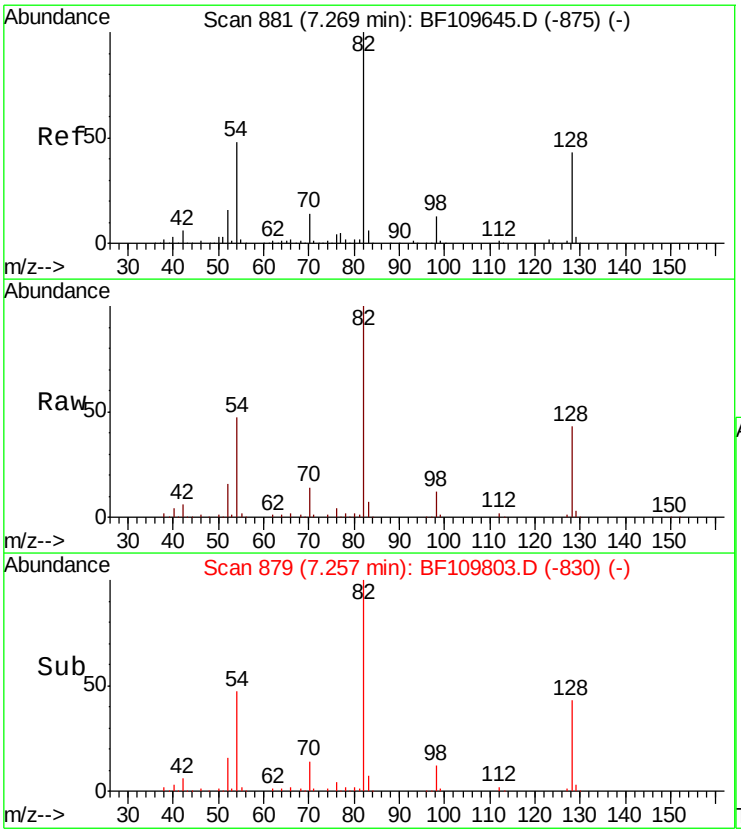
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18

Tgt Ion:136 Resp: 279912

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.4	5.4	8.2
68	4.8	4.2	6.2

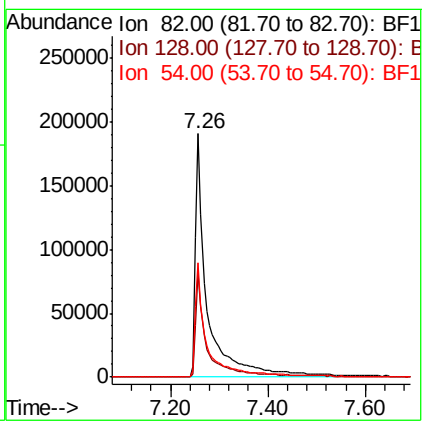


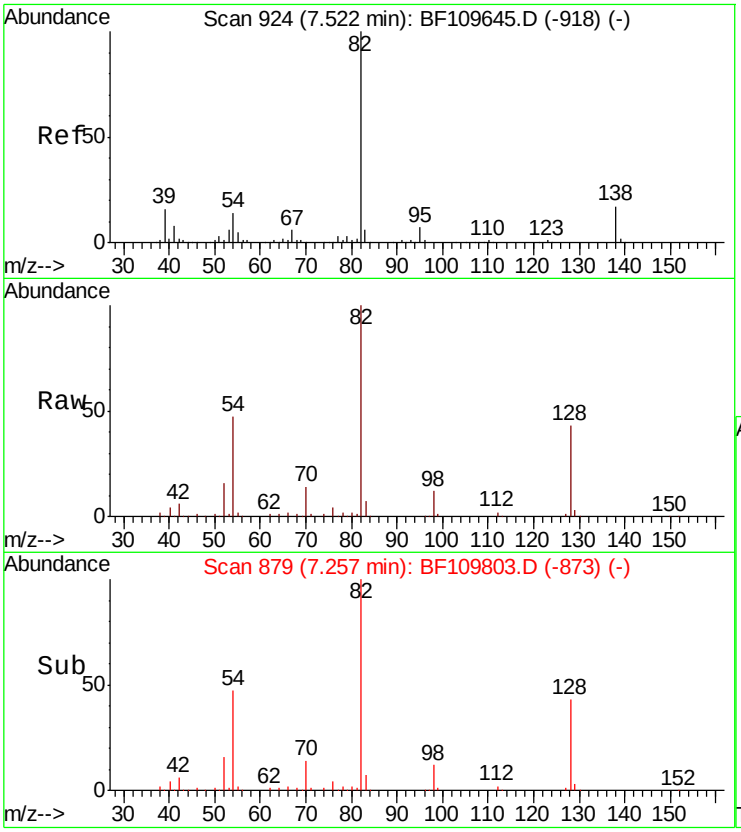


#23
Nitrobenzene-d5
Concen: 65.589 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Tgt Ion: 82 Resp: 333054

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.2	51.2
54	46.9	38.6	58.0



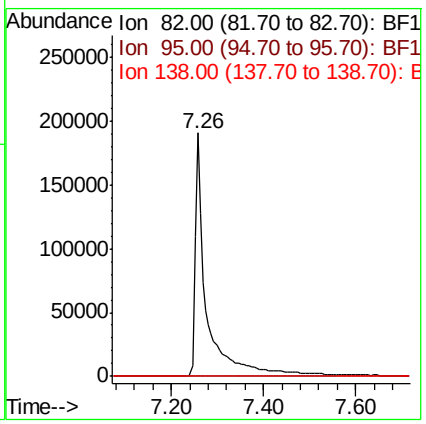


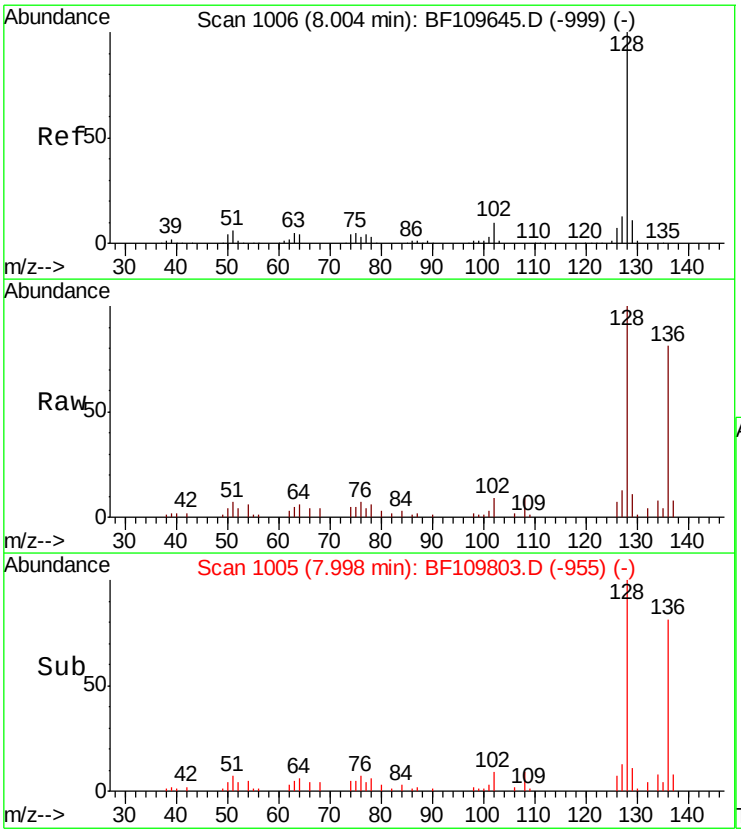
#25
Isophorone
Concen: 39.667 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18

Tgt Ion: 82 Resp: 334478

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

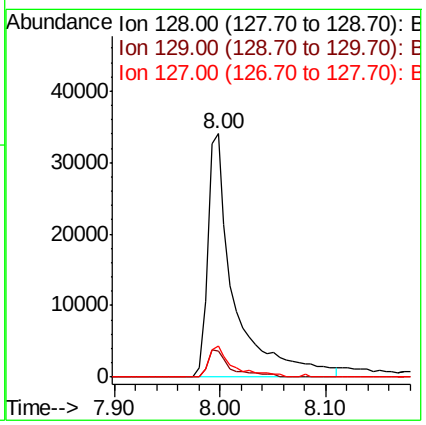


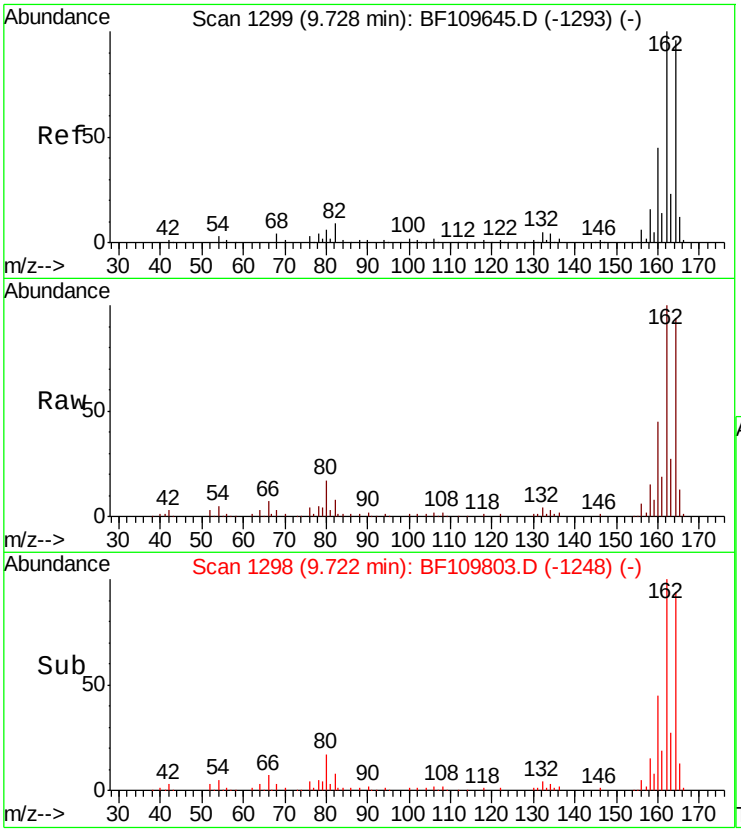


#31
Naphthalene
Concen: 4.578 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Tgt Ion:128 Resp: 59265

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.8	13.2
127	12.7	10.8	16.2



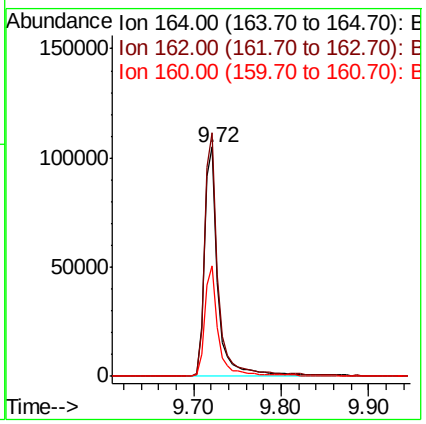


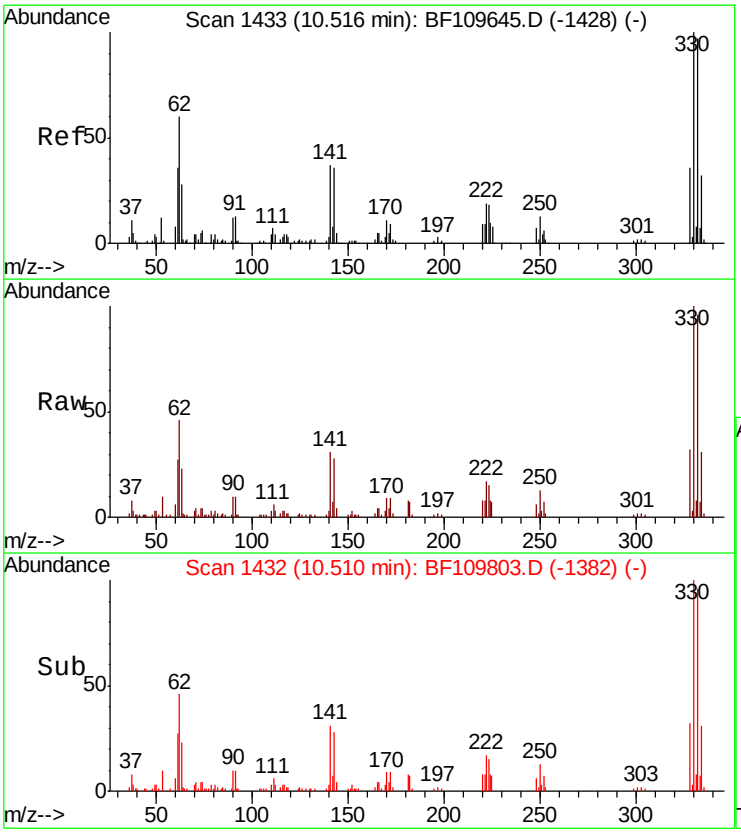
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18

Tgt Ion:164 Resp: 114220

Ion	Ratio	Lower	Upper
164	100		
162	106.3	83.0	124.6
160	48.0	37.0	55.6

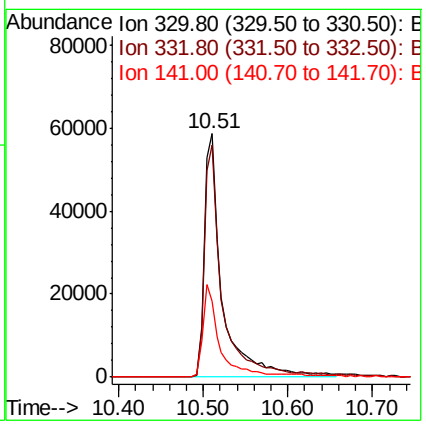


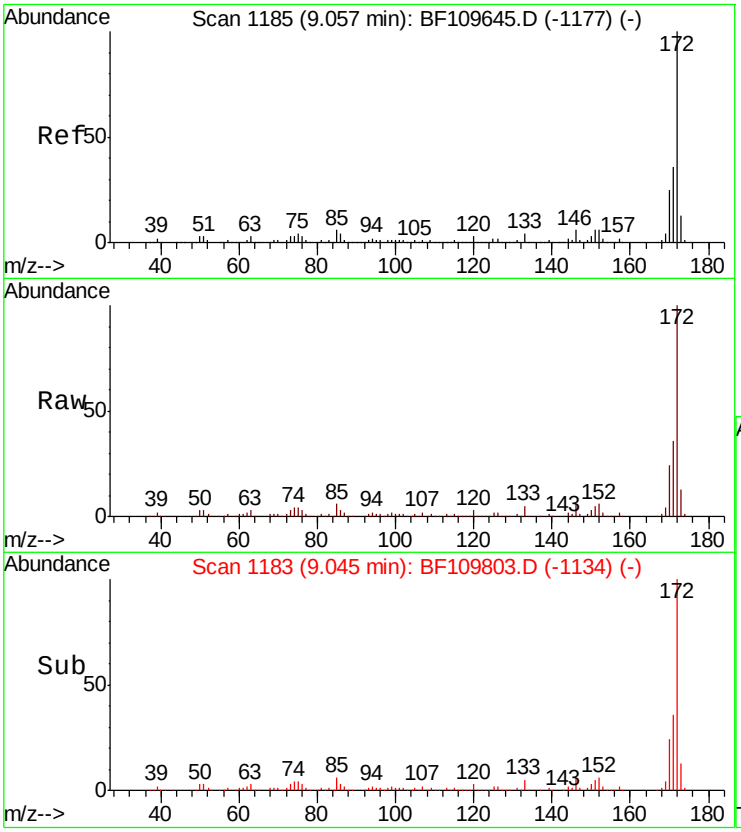


#41
2,4,6-Tribromophenol
Concen: 69.754 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Tgt Ion:330 Resp: 86812

Ion	Ratio	Lower	Upper
330	100		
332	92.5	77.1	115.7
141	37.3	27.0	40.4



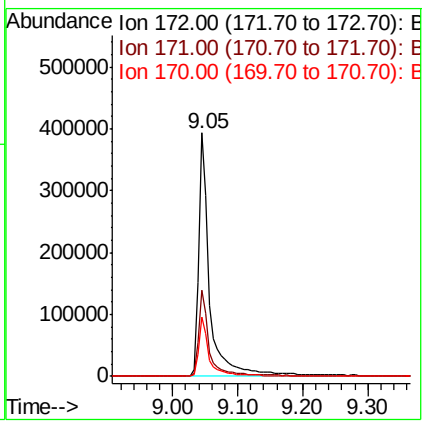


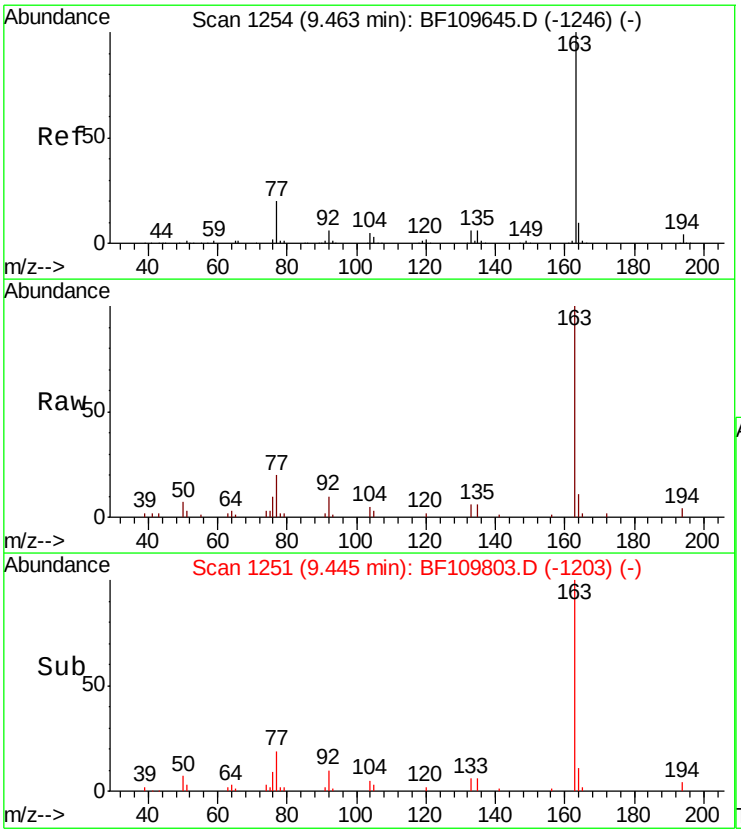
#44
2-Fluorobiphenyl
Concen: 56.145 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18

Tgt Ion:172 Resp: 465629

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	24.2	19.7	29.5

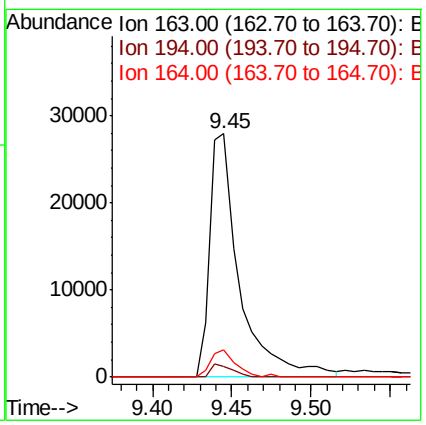


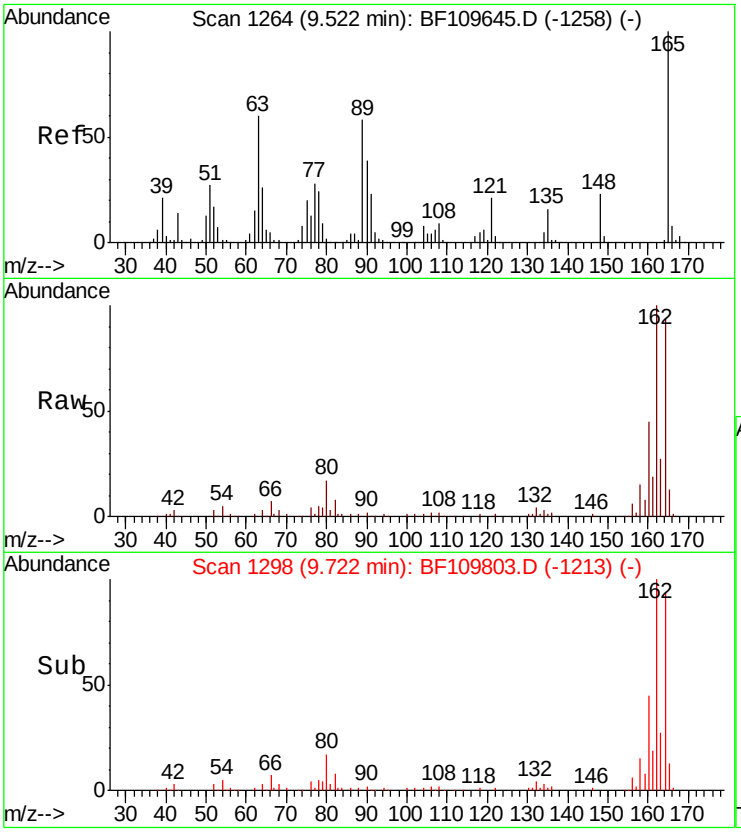


#49
Dimethylphthalate
Concen: 4.378 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Tgt Ion:163 Resp: 36672

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.2	4.8
164	11.1	8.1	12.1



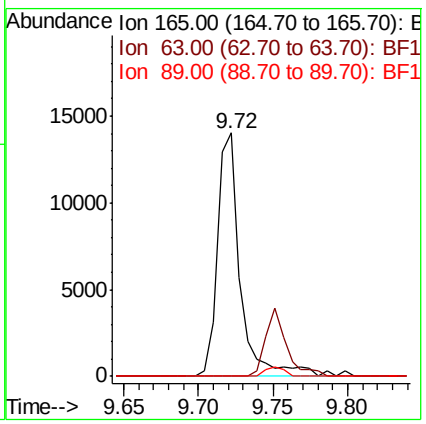


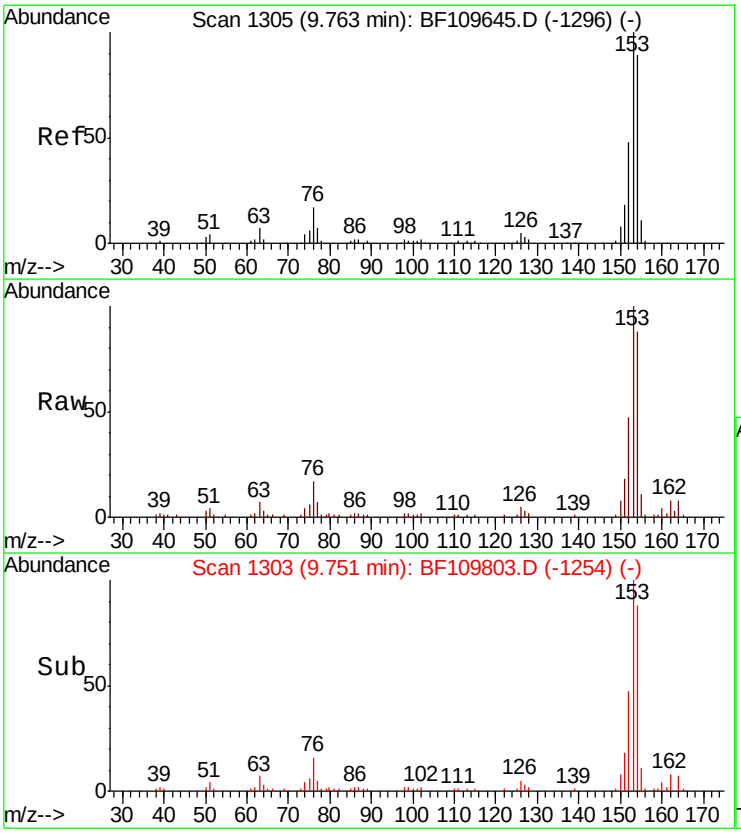
#50
2,6-Dinitrotoluene
Concen: 8.296 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18

Tgt Ion:165 Resp: 15065

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#

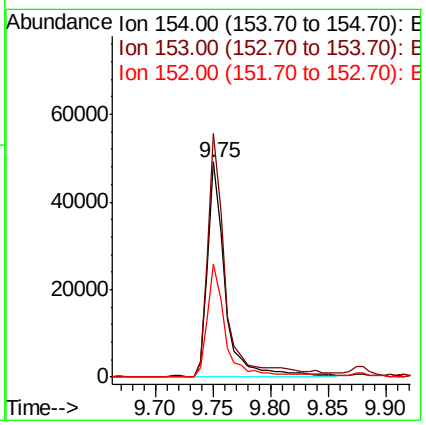


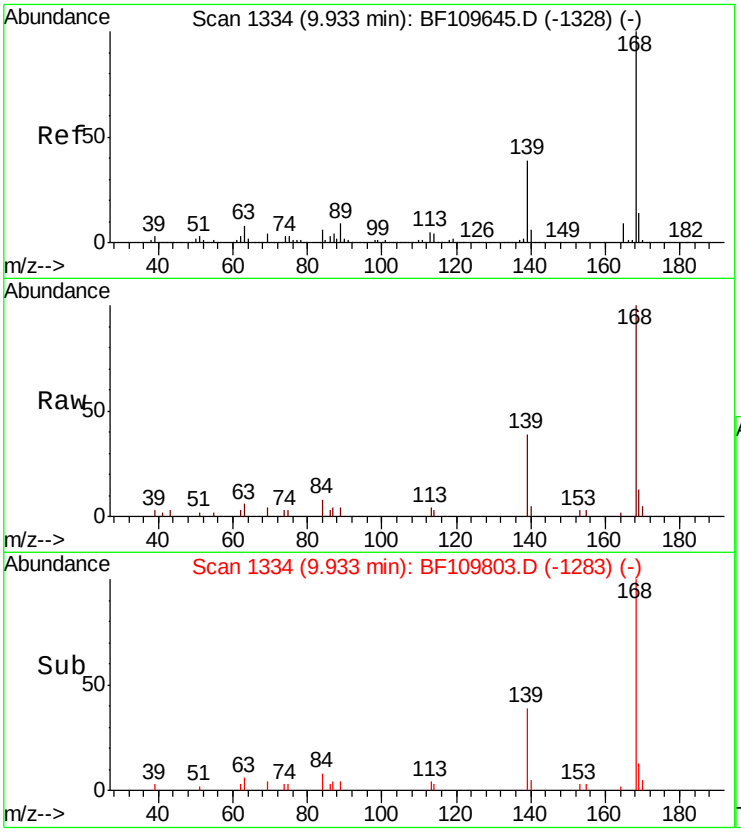


#51
Acenaphthene
Concen: 7.950 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Tgt Ion:154 Resp: 52520

Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.1	135.1
152	52.8	43.4	65.2



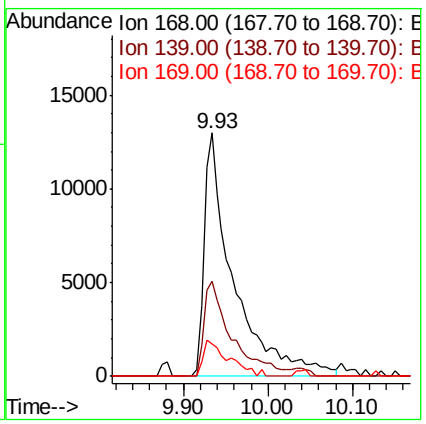


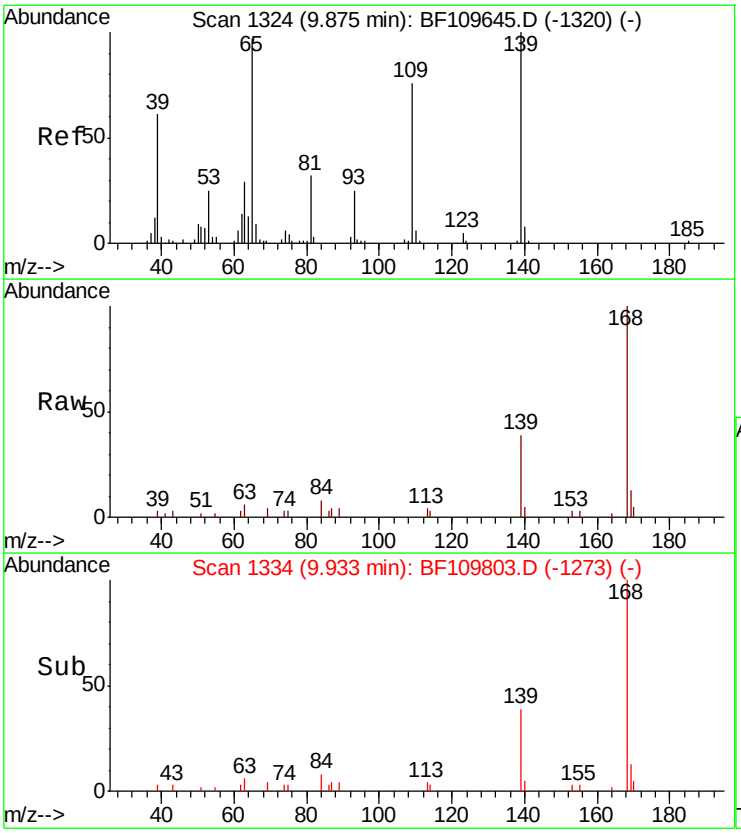
#54
Dibenzofuran
Concen: 3.133 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18

Tgt Ion:168 Resp: 31031

Ion	Ratio	Lower	Upper
168	100		
139	39.3	33.0	49.6
169	13.3	11.3	16.9

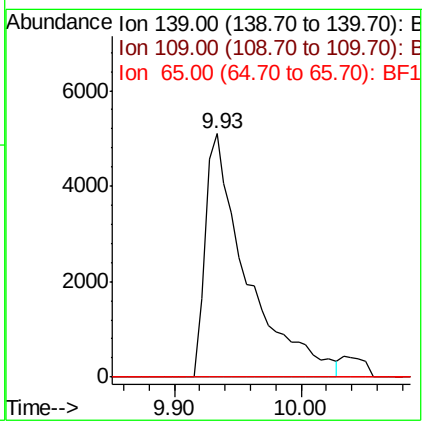


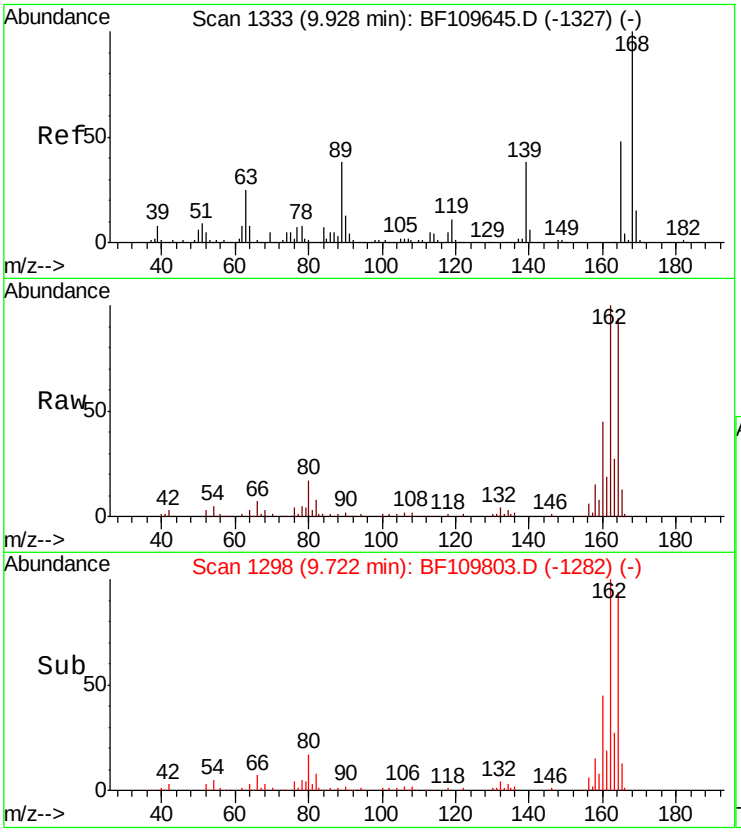


#55
4-Nitrophenol
Concen: 10.505 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.06 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Tgt Ion:139 Resp: 11704

Ion	Ratio	Lower	Upper
139	100		
109	0.0	55.8	95.8#
65	0.0	77.9	117.9#



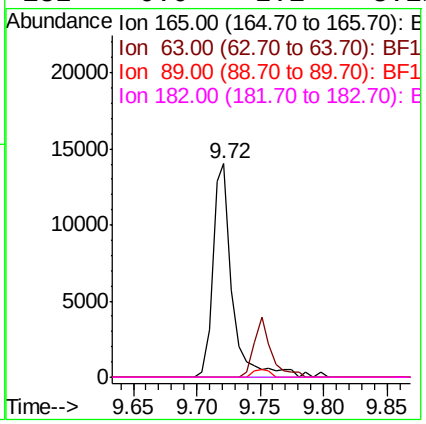


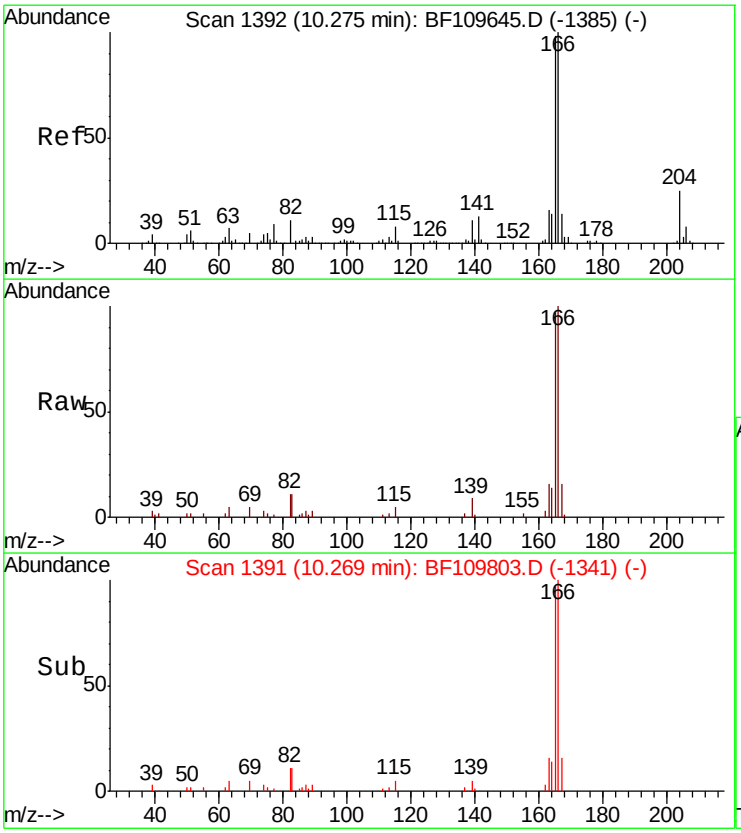
#56
2,4-Dinitrotoluene
Concen: 6.696 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18

Tgt Ion:165 Resp: 15174

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#

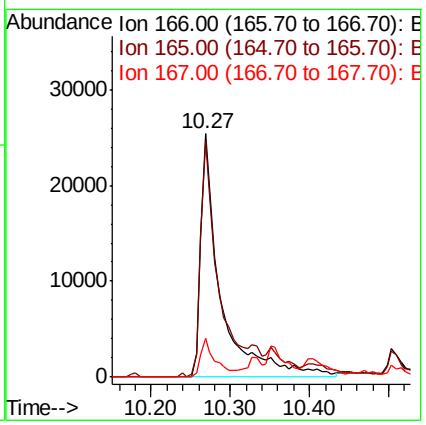


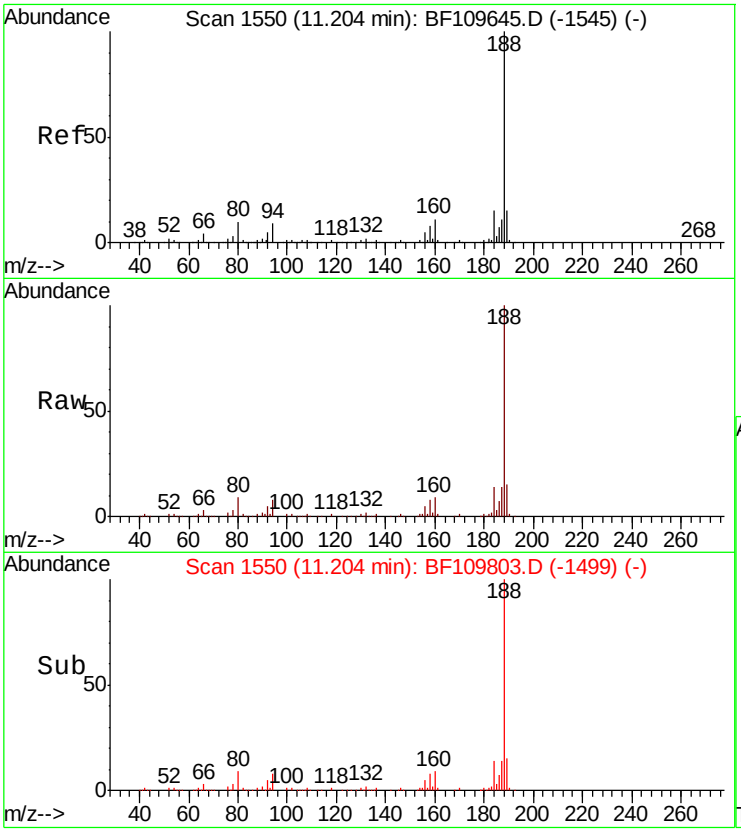


#57
Fluorene
Concen: 6.152 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Tgt Ion:166 Resp: 45495

Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.6	117.8
167	15.9	10.8	16.2



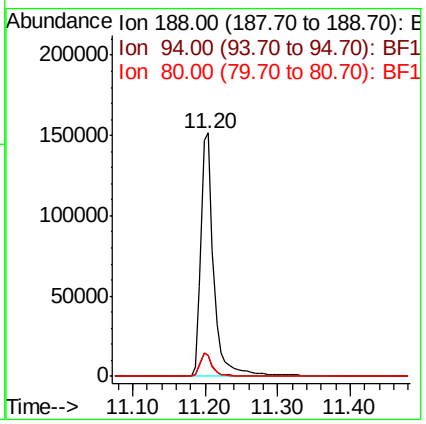


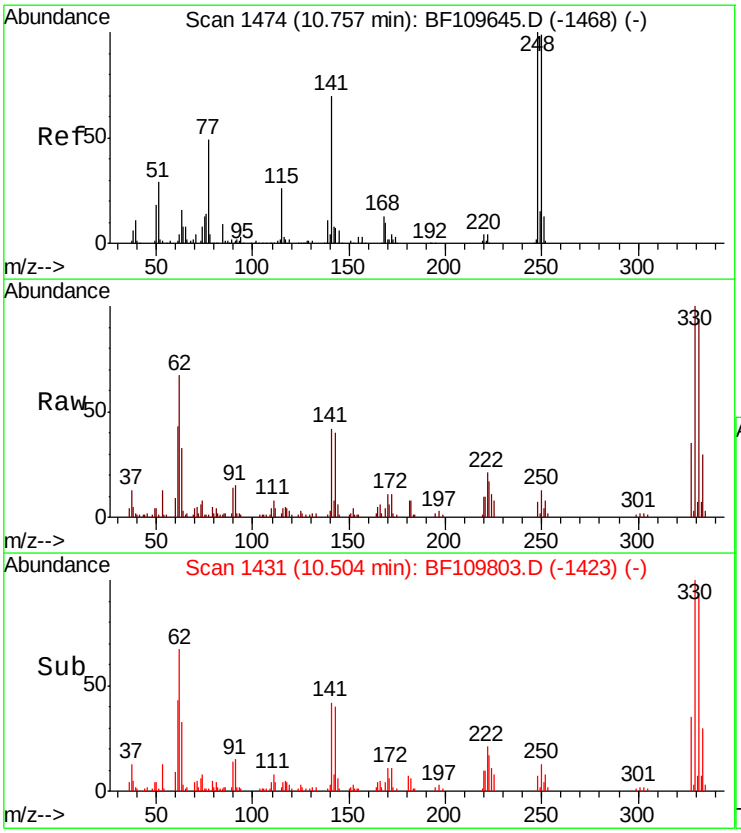
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18

Tgt Ion:188 Resp: 189456

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	8.7	7.9	11.9

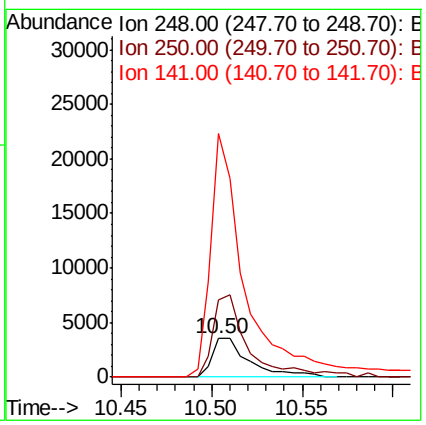


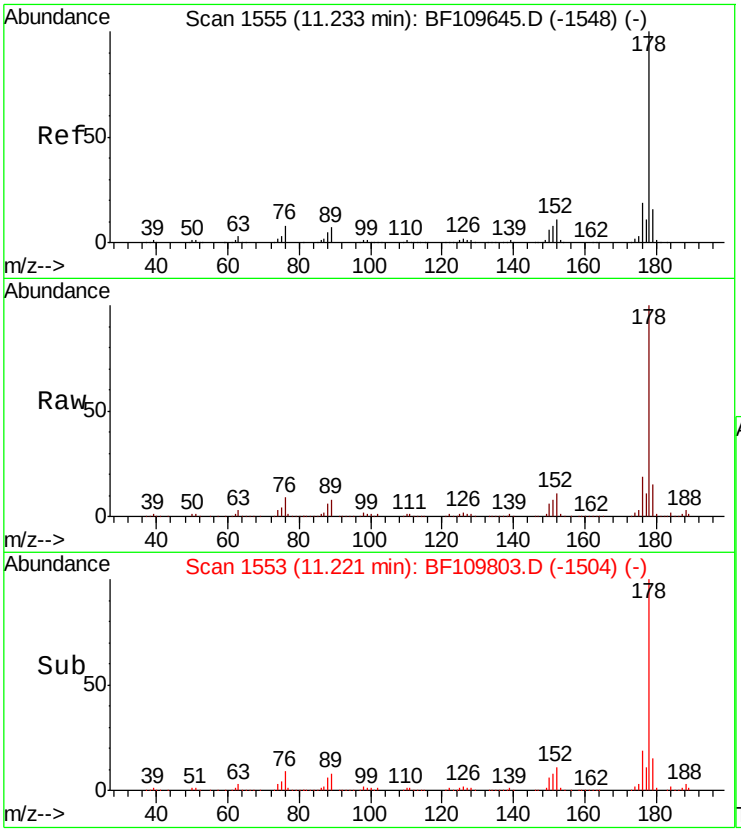


#66
4-Bromophenyl-phenylether
Concen: 2.327 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Tgt Ion:248 Resp: 5066

Ion	Ratio	Lower	Upper
248	100		
250	201.3	79.4	119.2#
141	631.4	55.9	83.9#



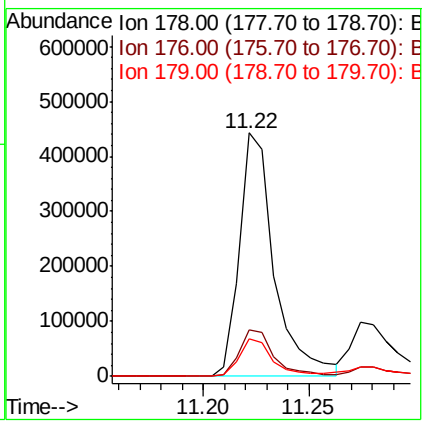


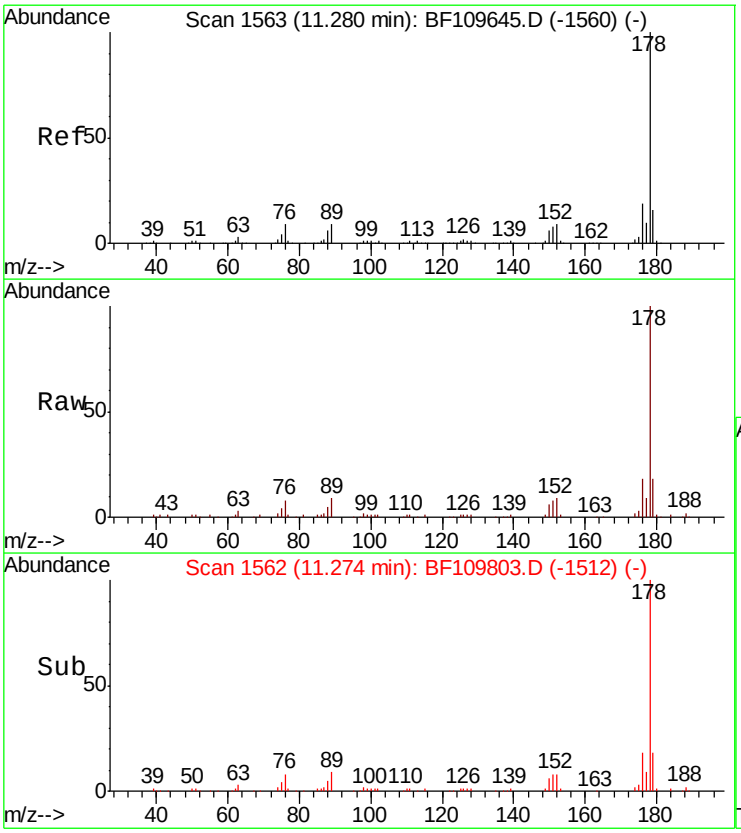
#70
Phenanthrene
Concen: 53.586 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18

Tgt Ion:178 Resp: 508053

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.4	12.5	18.7

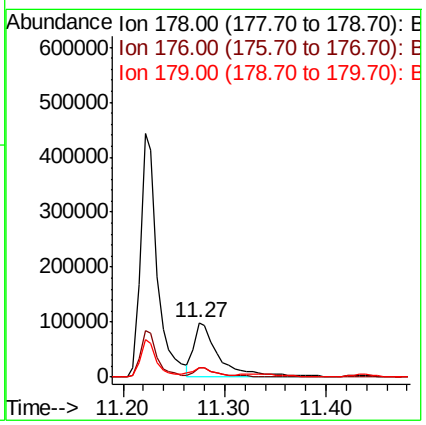


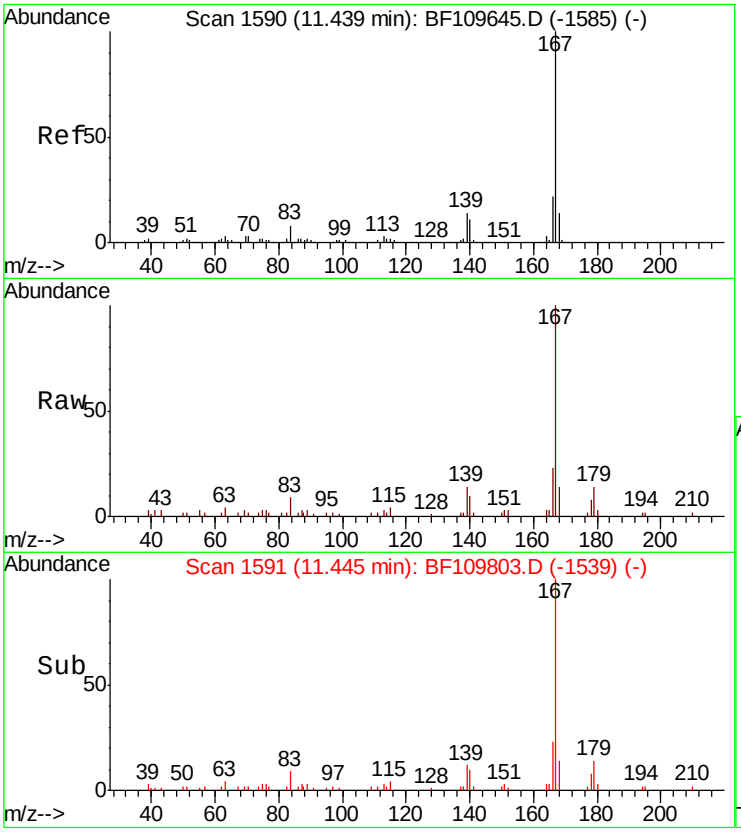


#71
Anthracene
Concen: 16.935 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Tgt Ion:178 Resp: 165974

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	17.8	12.6	18.8



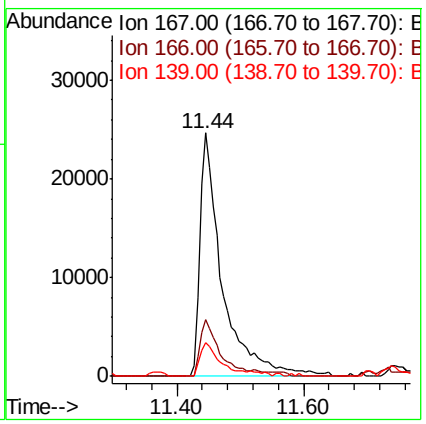


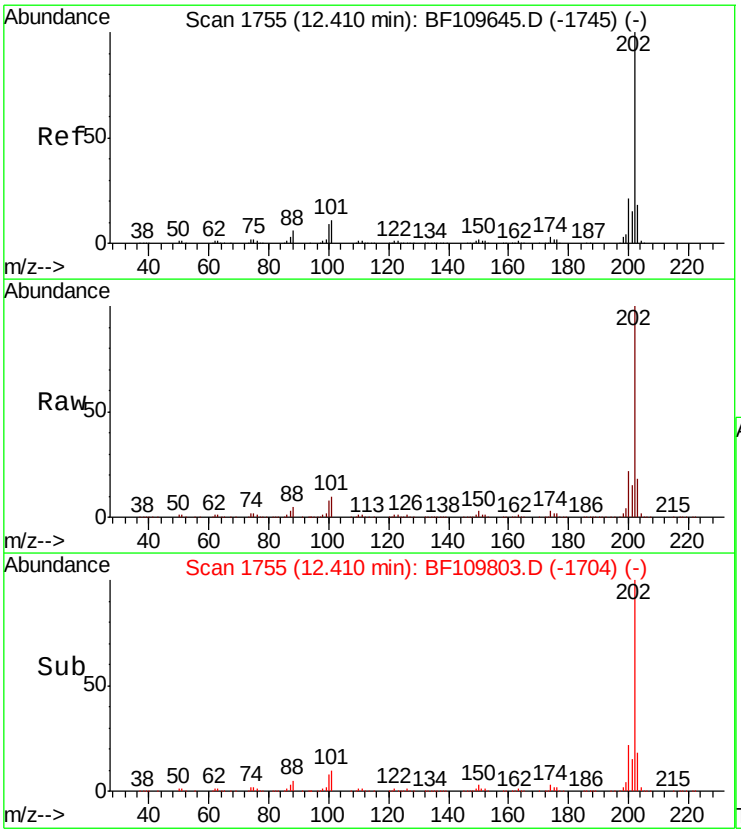
#72
Carbazole
Concen: 6.330 ng
RT: 11.44 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18

Tgt Ion:167 Resp: 60174

Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.4	26.0
139	13.7	10.9	16.3

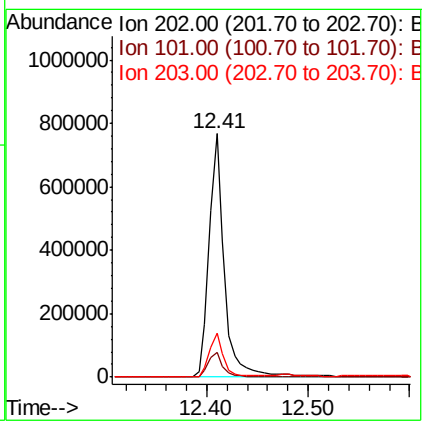


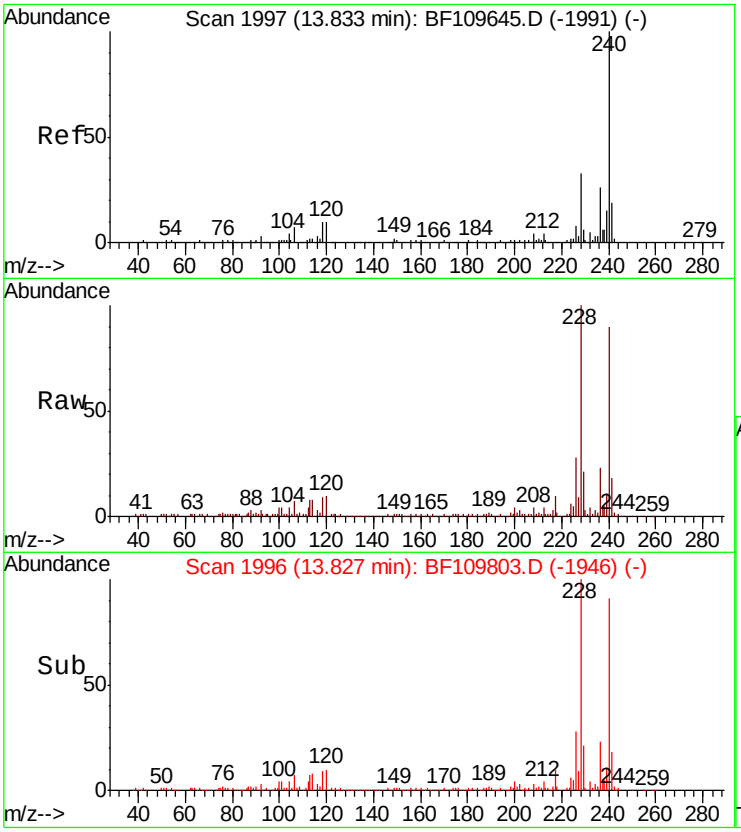


#74
Fluoranthene
Concen: 81.558 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Tgt Ion:202 Resp: 807816

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.4
203	18.2	0.0	37.7



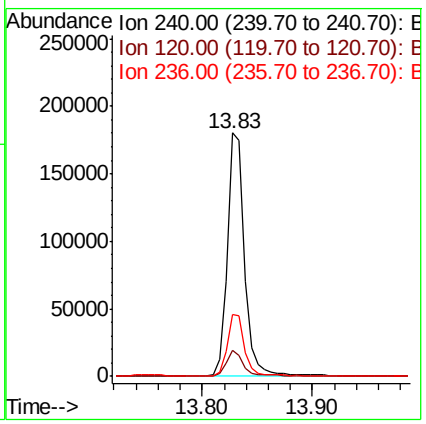


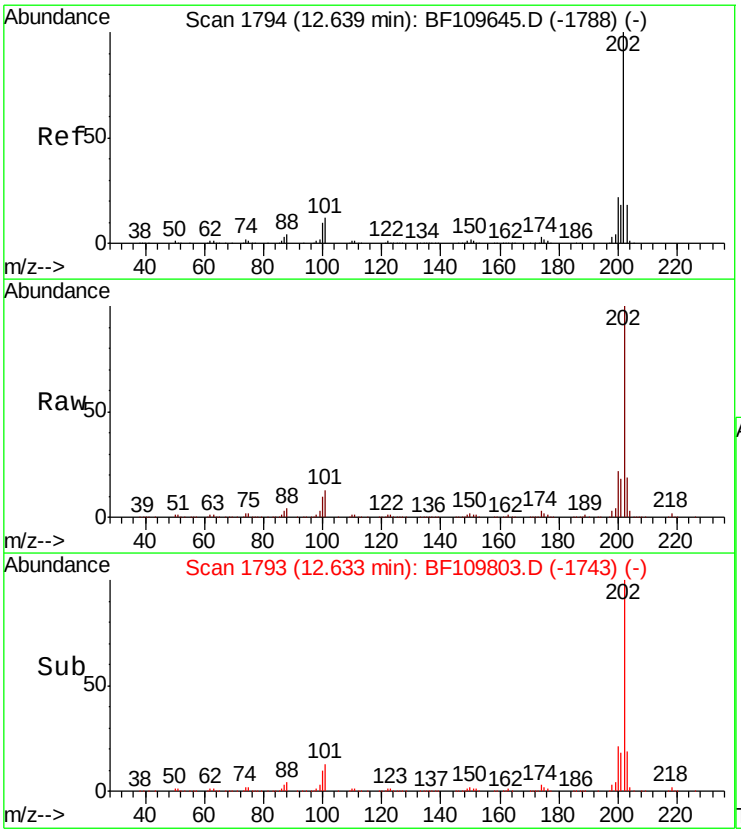
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18

Tgt Ion:240 Resp: 198686

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.3	12.5
236	25.6	21.2	31.8

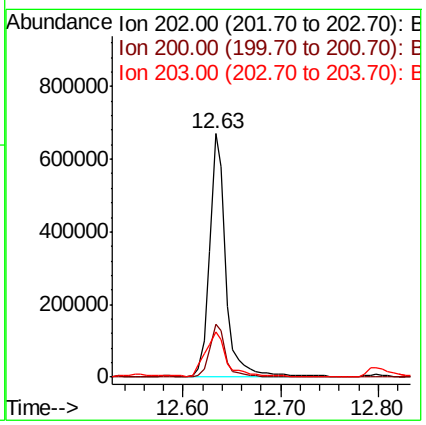


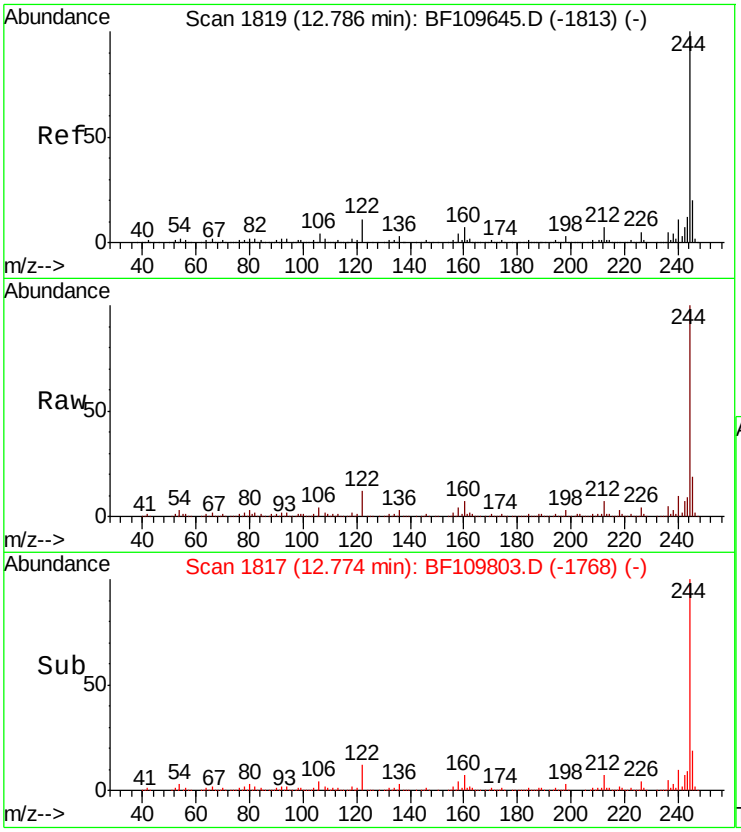


#77
Pyrene
Concen: 52.310 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Tgt Ion:202 Resp: 761483

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.8	26.6
203	18.8	14.2	21.4



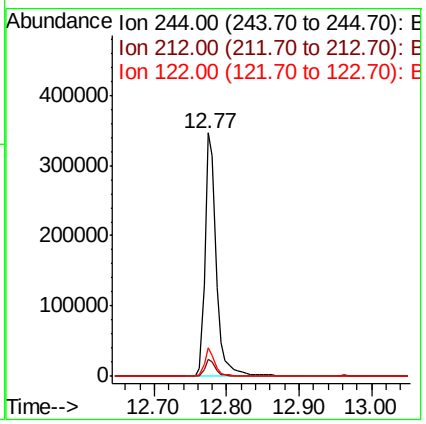


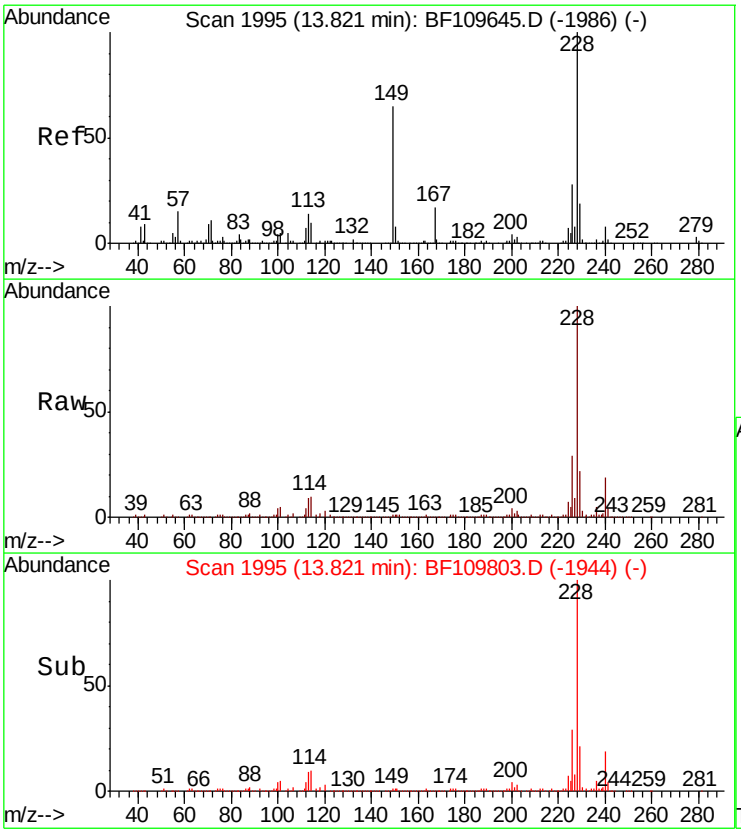
#78
Terphenyl-d14
Concen: 36.573 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18

Tgt Ion:244 Resp: 375370

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	11.5	8.7	13.1

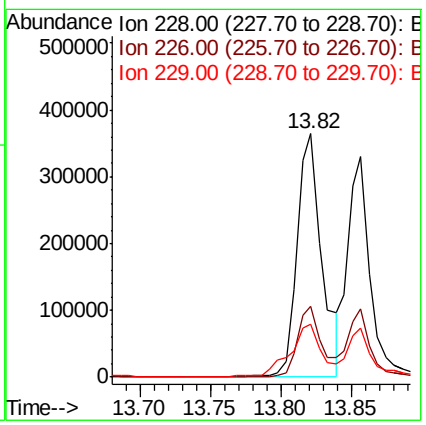


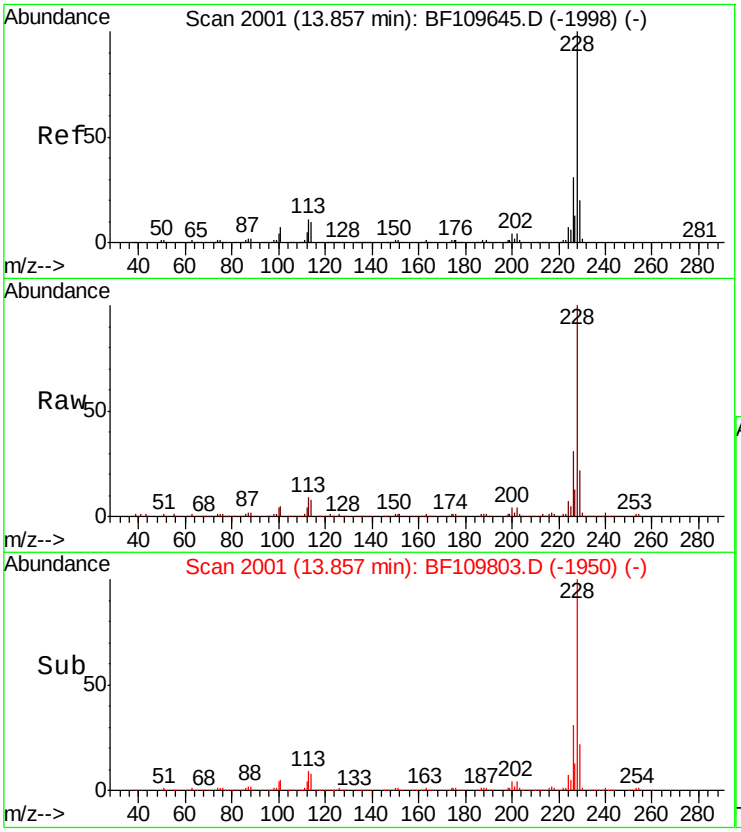


#80
Benzo(a)anthracene
Concen: 40.251 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Tgt Ion:228 Resp: 441321

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.1	33.1
229	21.5	15.6	23.4



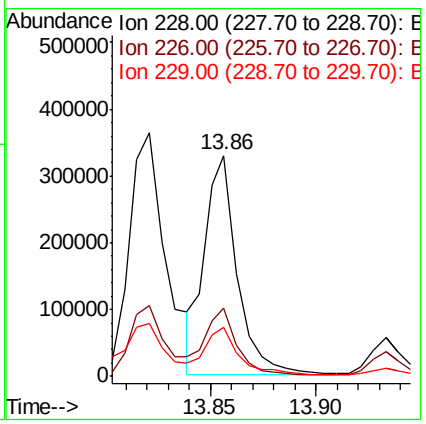


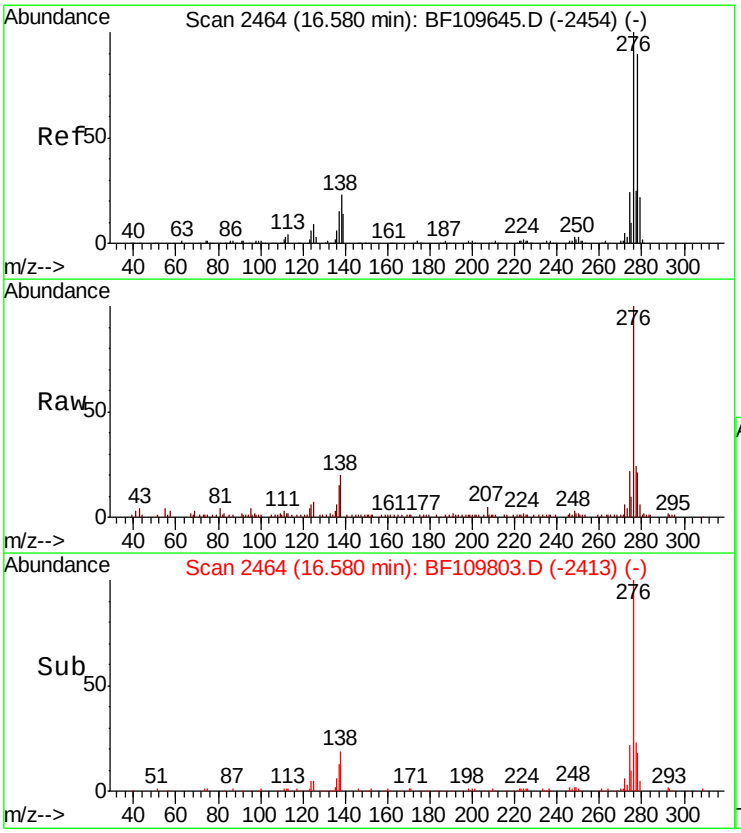
#82
Chrysene
Concen: 31.229 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18

Tgt Ion:228 Resp: 359658

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.7	37.1
229	22.4	15.9	23.9

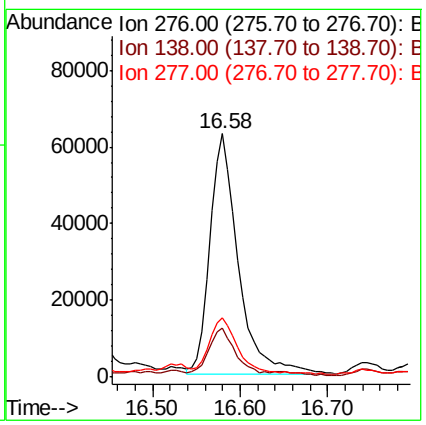


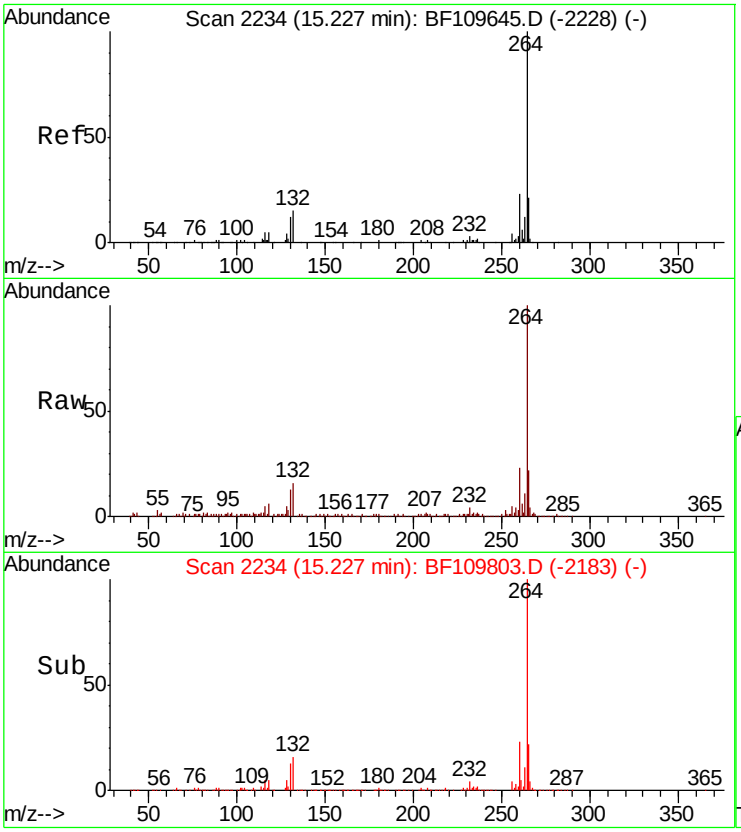


#85
Indeno(1,2,3-cd)pyrene
Concen: 16.953 ng
RT: 16.58 min Scan# 2464
Delta R.T. -0.00 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Tgt Ion:276 Resp: 139749

Ion	Ratio	Lower	Upper
276	100		
138	18.7	18.5	27.7
277	23.1	20.0	30.0



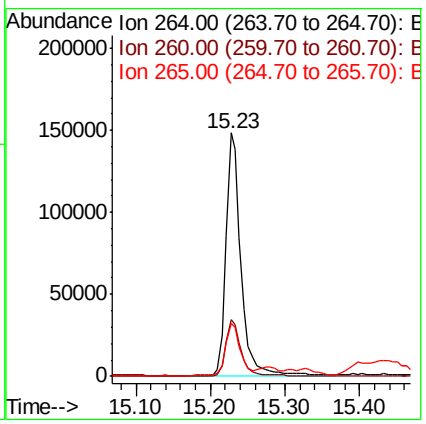


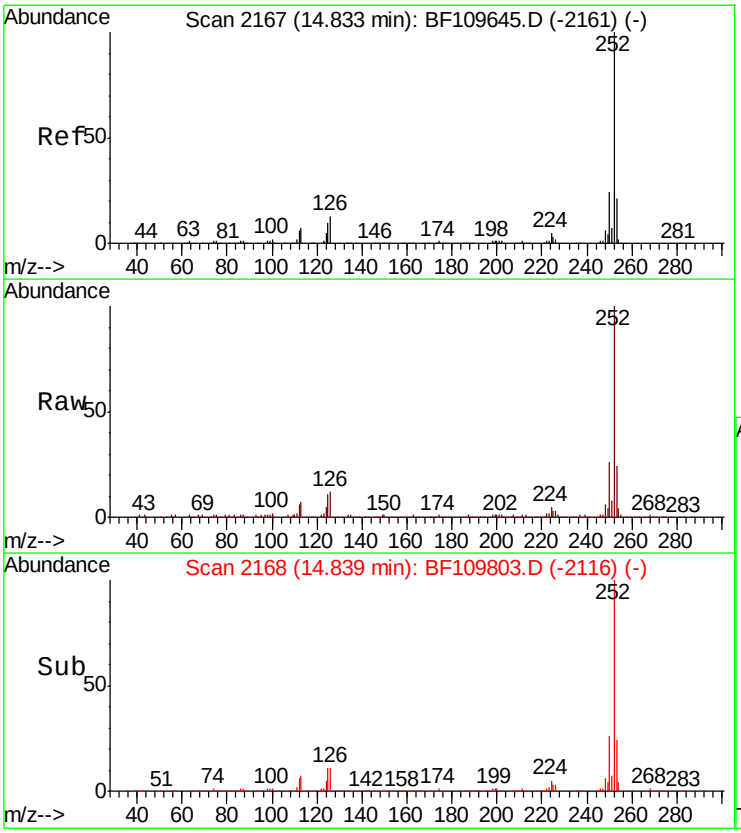
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18

Tgt Ion:264 Resp: 212344

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.9	16.7	25.1

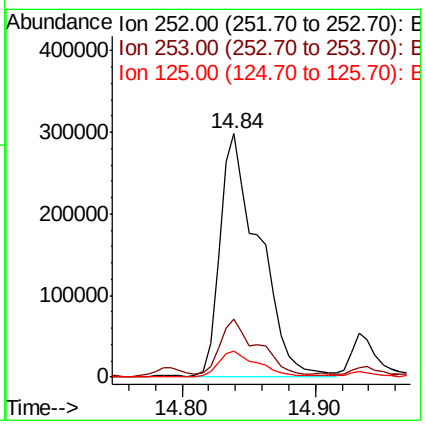


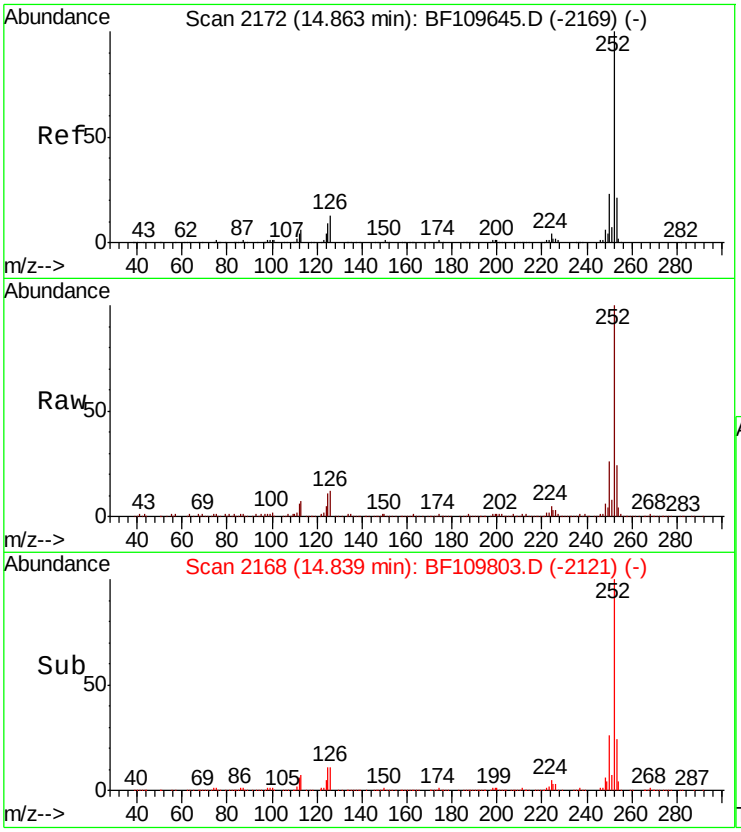


#87
Benzo(b)fluoranthene
Concen: 51.358 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Tgt Ion:252 Resp: 602666

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.2	25.8
125	10.8	8.2	12.4



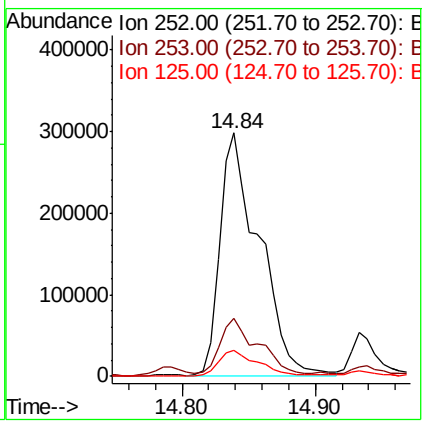


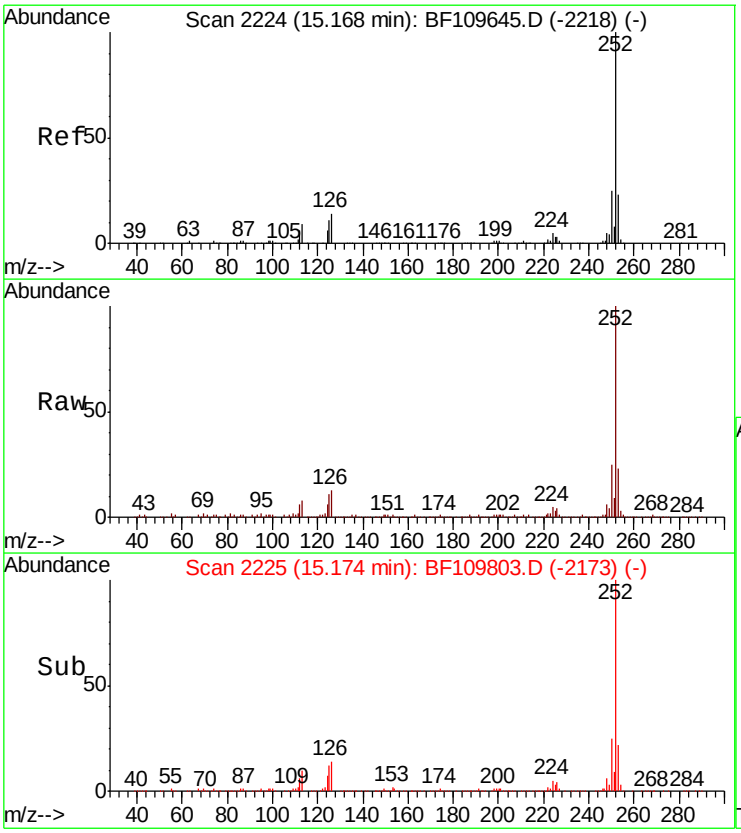
#88
Benzo(k)fluoranthene
Concen: 51.115 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18

Tgt Ion:252 Resp: 602666

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.2	25.8
125	10.8	7.4	11.0

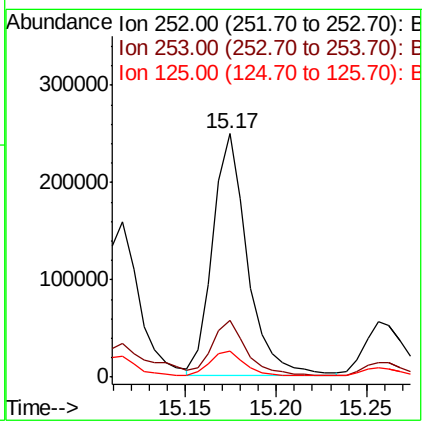


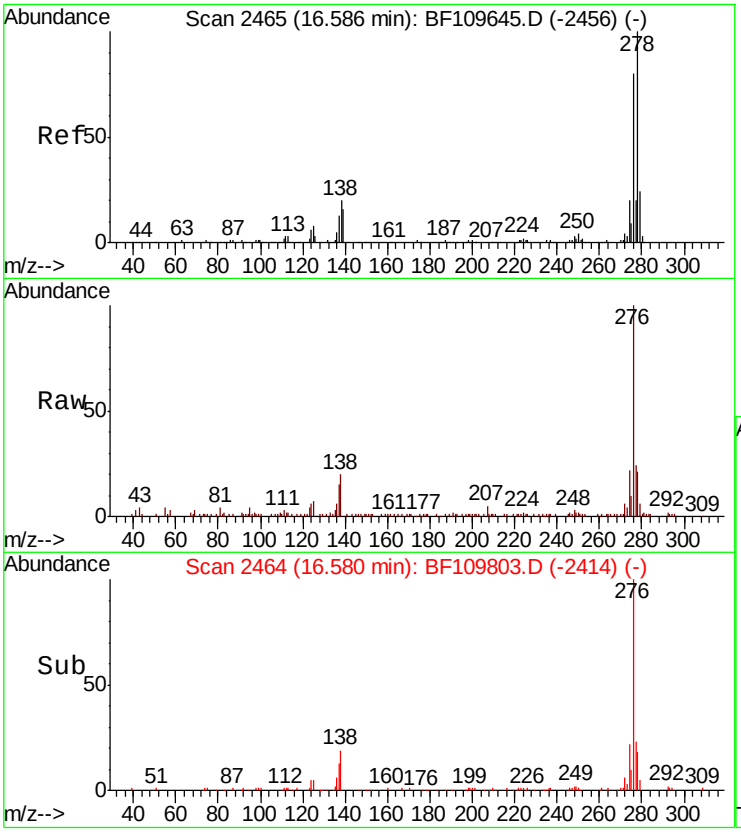


#89
Benzo(a)pyrene
Concen: 31.347 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Tgt Ion:252 Resp: 333811

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	10.7	9.0	13.6



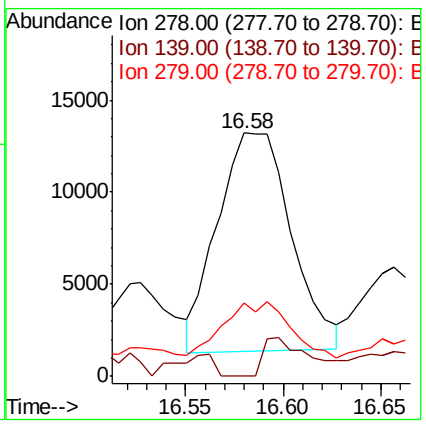


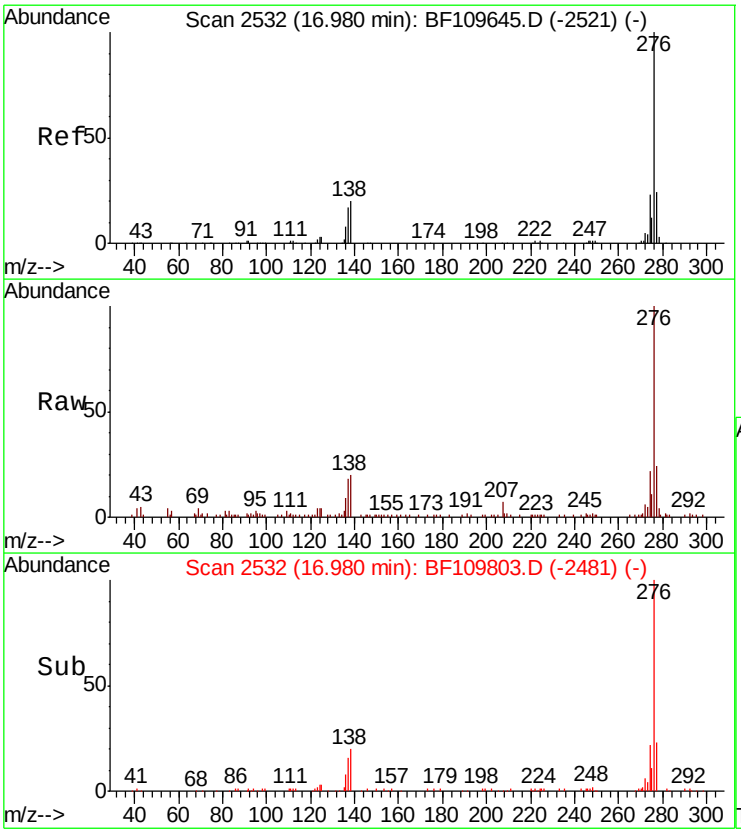
#90
Dibenzo(a,h)anthracene
Concen: 3.543 ng
RT: 16.58 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-18

Tgt Ion:278 Resp: 30982

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.7	19.1#
279	30.3	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 14.304 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.00 min
Lab File: BF109803.D
Acq: 11 Oct 2018 22:55

Tgt Ion:276 Resp: 124919

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	20.1	16.0	24.0