Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112118.D
Acq On : 18 Jan 2019 11:03
Operator : JU/SJ
Sample : K1157-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-03-011519

Quant Time: Jan 18 12:06:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 16 18:22:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	296713	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	1128384	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	548554	20.00	ng		-0.01
64) Phenanthrene-d10	11.38	188	957534	20.00	ng		0.00
76) Chrysene-d12	14.02	240	645938	20.00	ng		-0.01
87) Perylene-d12	15.49	264	688583	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1444603	88.37	ng		0.00
7) Phenol-d6	6.50	99	1821343	89.05	ng		0.00
23) Nitrobenzene-d5	7.42	82	1133233	69.39	ng		-0.01
42) 2,4,6-Tribromophenol	10.69	330	522706	88.33	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	2120590	56.68	ng		-0.01
79) Terphenyl-d14	12.96	244	1697414	55.90	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.50	77	4307	Below Cal		#	1
10) Phenol	6.51	94	107804	4.823	ng		86
19) n-Nitroso-di-n-propylamine	7.42	70	151907	12.191	ng	#	76
25) Isophorone	7.42	82	1129434	35.802	ng	#	64
32) Benzoic acid	7.93	122	1292	7.380	ng	#	31
50) Dimethylphthalate	9.60	163	198117	4.952	ng		99
51) 2,6-Dinitrotoluene	9.89	165	70448	8.818	ng	#	33
56) 4-Nitrophenol	10.24	139	716	5.759	ng		87
57) 2,4-Dinitrotoluene	9.89	165	70448	10.795	ng	#	31
65) 4,6-Dinitro-2-methylphenol	10.68	198	1093	10.286	ng	#	1
67) 4-Bromophenyl-phenylether	10.69	248	29660	2.667	ng	#	1
71) Phenanthrene	11.40	178	793552	16.468	ng		98
72) Anthracene	11.45	178	194196	3.978	ng		99
75) Fluoranthene	12.59	202	619406	12.174	ng		99
78) Pyrene	12.82	202	501231	11.761	ng		98
81) Benzo(a)anthracene	14.01	228	265308	7.163	ng		99
83) Chrysene	14.04	228	218402	6.232	ng		96
86) Indeno(1,2,3-cd)pyrene	16.97	276	78756	2.436	ng		96
88) Benzo(b)fluoranthene	15.06	252	331419	8.479	ng		98
89) Benzo(k)fluoranthene	15.06	252	331419	8.761	ng		98
90) Benzo(a)pyrene	15.43	252	172964	4.825	ng		98
92) Benzo(g,h,i)perylene	17.41	276	63725	2.032	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112118.D
Acq On : 18 Jan 2019 11:03
Operator : JU/SJ
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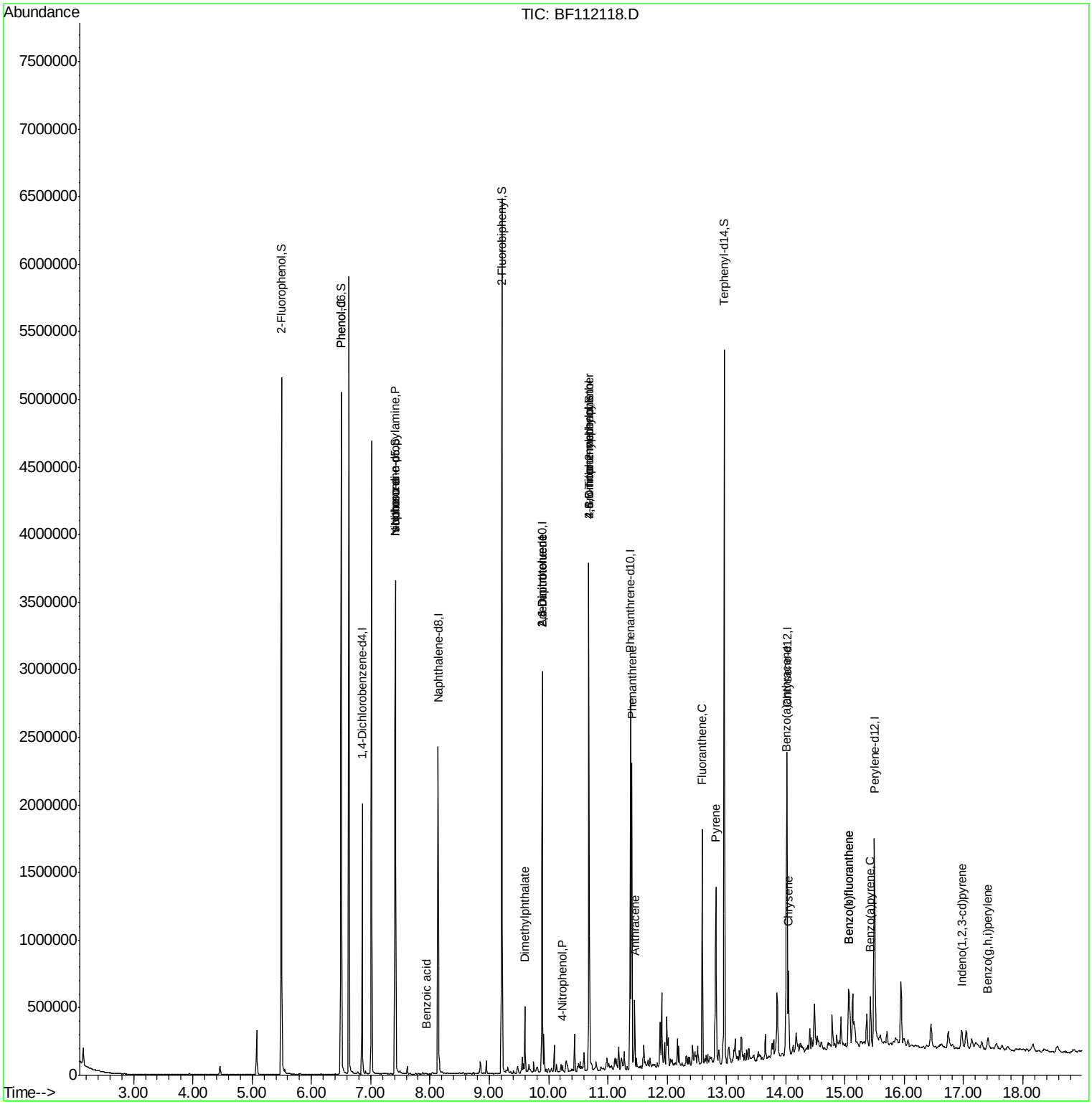
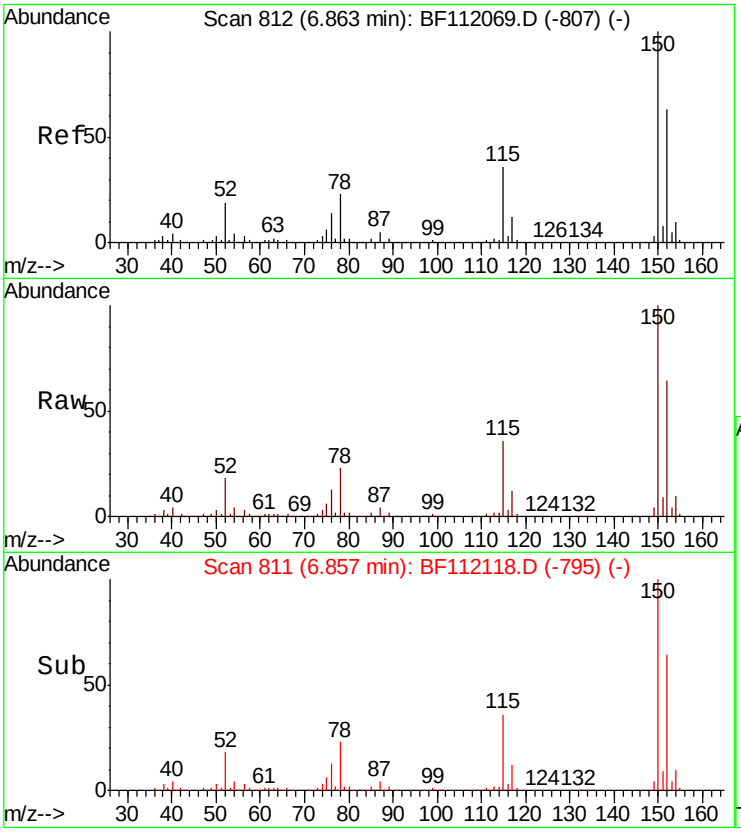
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-03-011519

Quant Time: Jan 18 12:06:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 16 18:22:05 2019
Response via : Initial Calibration



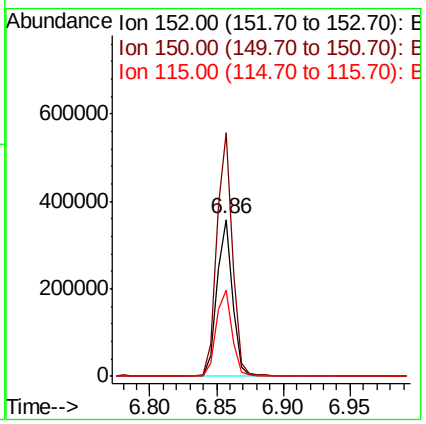


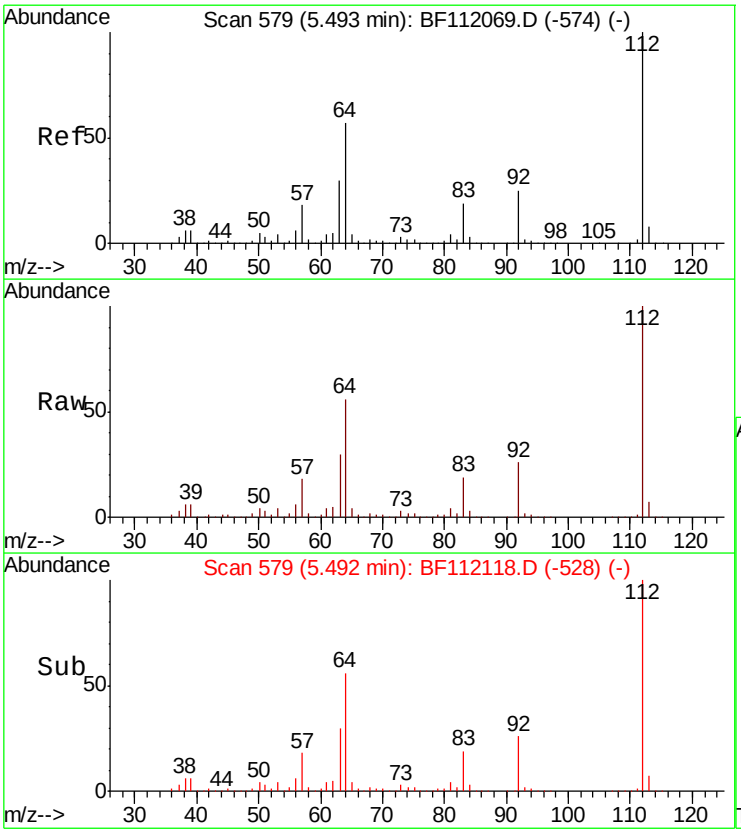
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Instrument :
BNA_F
ClientSampleId :
WC-03-011519

Tgt Ion:152 Resp: 296713

Ion	Ratio	Lower	Upper
152	100		
150	155.4	127.4	191.0
115	55.3	45.5	68.3

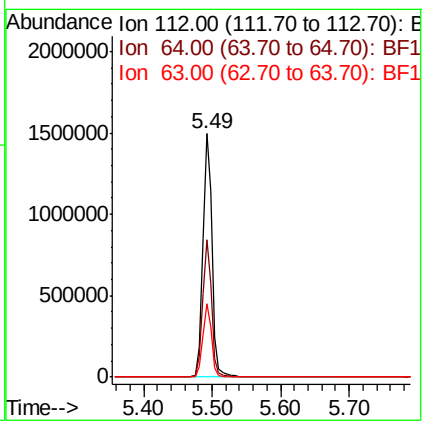


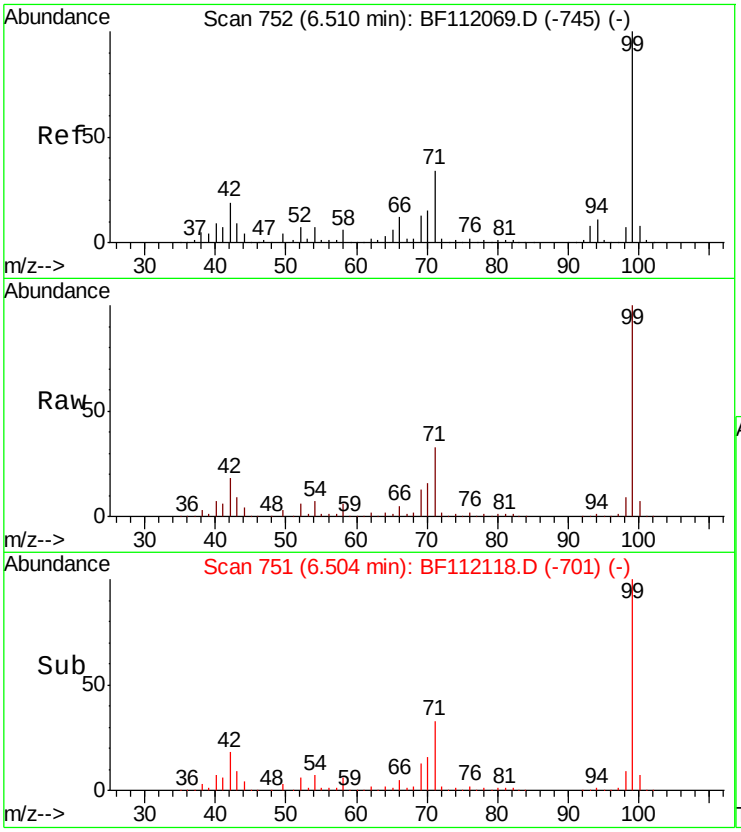


#5
2-Fluorophenol
Concen: 88.369 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Tgt Ion:112 Resp: 1444603

Ion	Ratio	Lower	Upper
112	100		
64	56.4	45.7	68.5
63	30.3	23.6	35.4



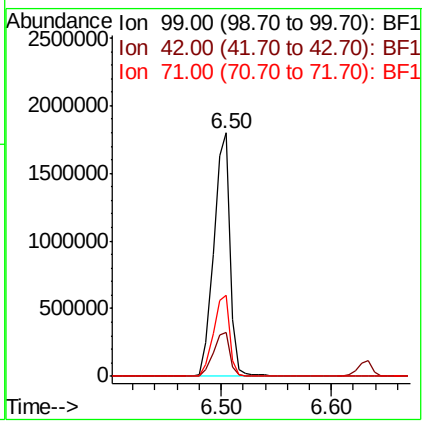


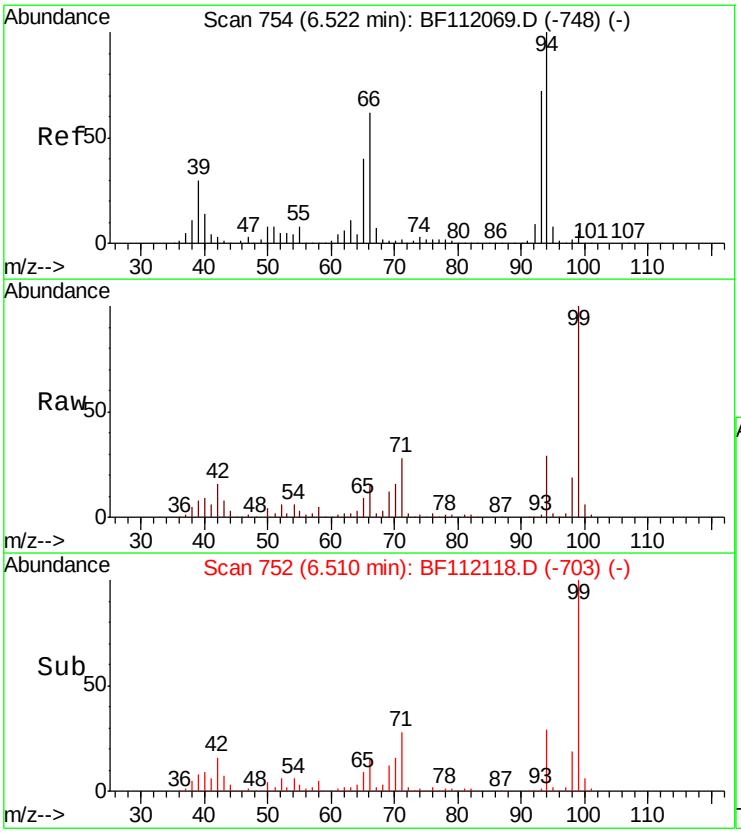
#7
Phenol-d6
Concen: 89.049 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Instrument :
BNA_F
ClientSampleId :
WC-03-011519

Tgt Ion: 99 Resp: 1821343

Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.1	22.7
71	33.2	26.9	40.3

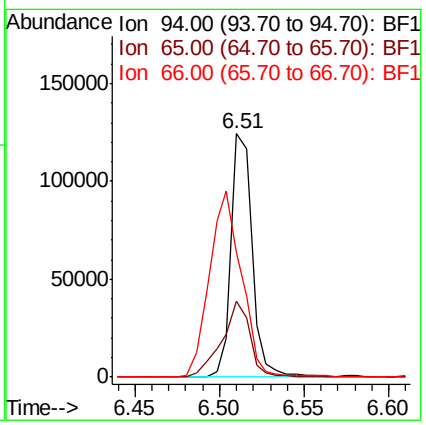


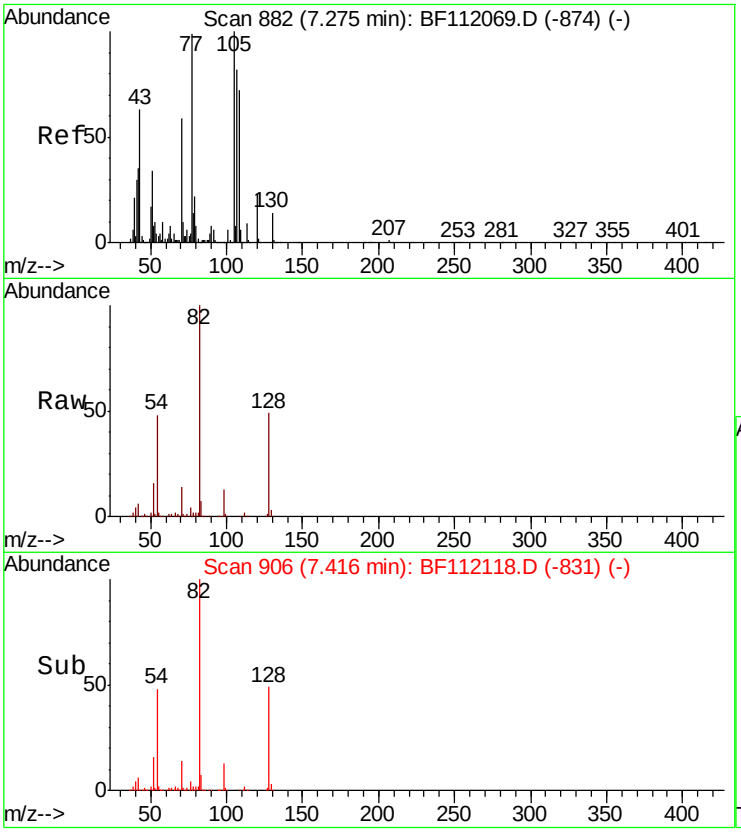


#10
Phenol
Concen: 4.823 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Tgt Ion: 94 Resp: 107804

Ion	Ratio	Lower	Upper
94	100		
65	31.4	20.3	60.3
66	51.4	42.4	82.4



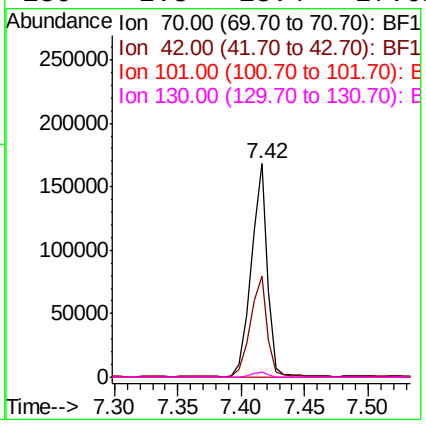


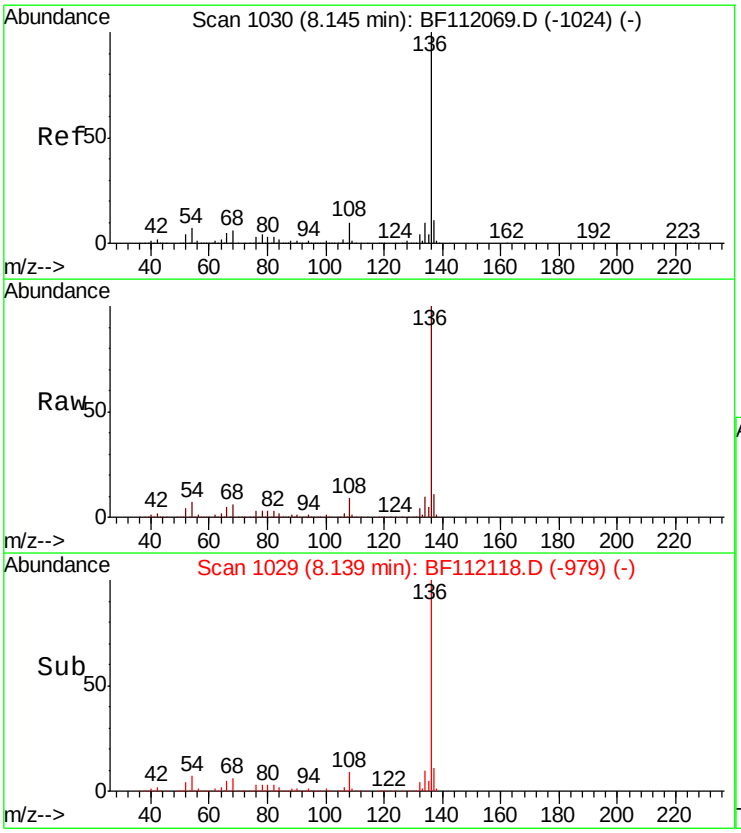
#19
n-Nitroso-di-n-propylamine
Concen: 12.191 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.14 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Instrument :
BNA_F
ClientSampleId :
WC-03-011519

Tgt Ion: 70 Resp: 151907

Ion	Ratio	Lower	Upper
70	100		
42	47.1	47.6	71.4#
101	0.0	7.9	11.9#
130	2.3	18.4	27.6#

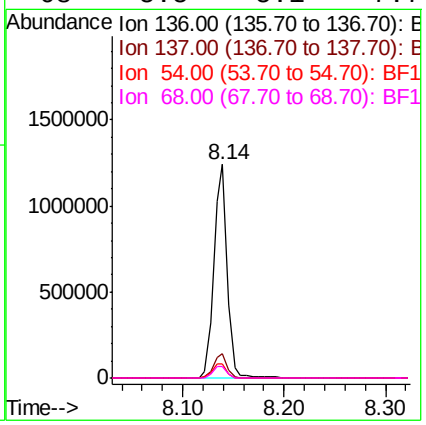


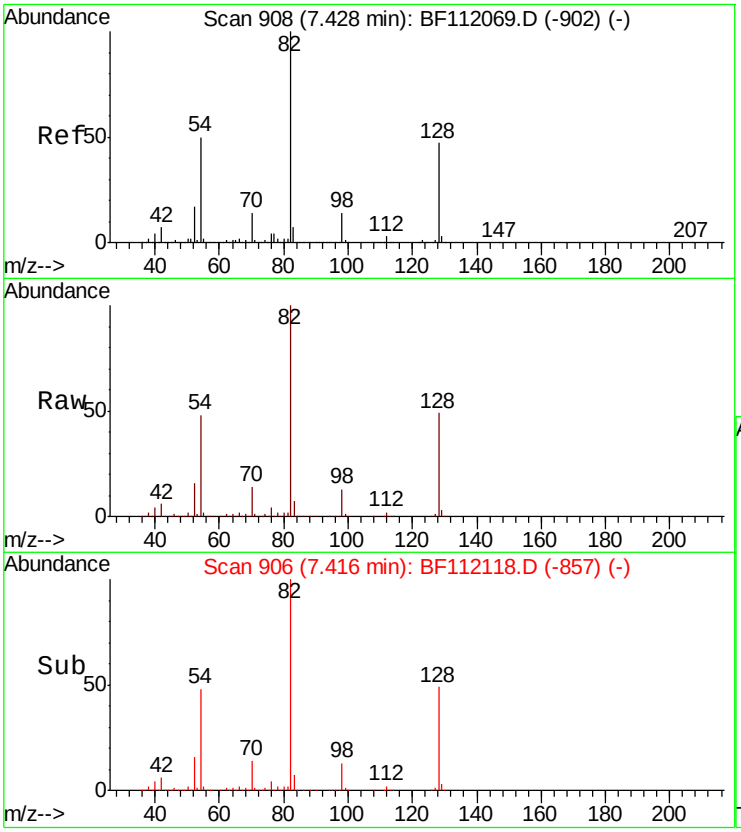


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Tgt Ion:136 Resp: 1128384

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.5	5.9	8.9
68	5.5	5.1	7.7



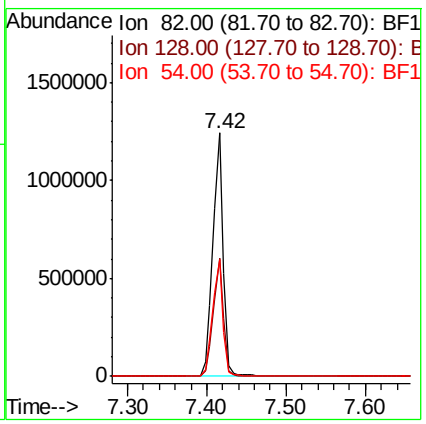


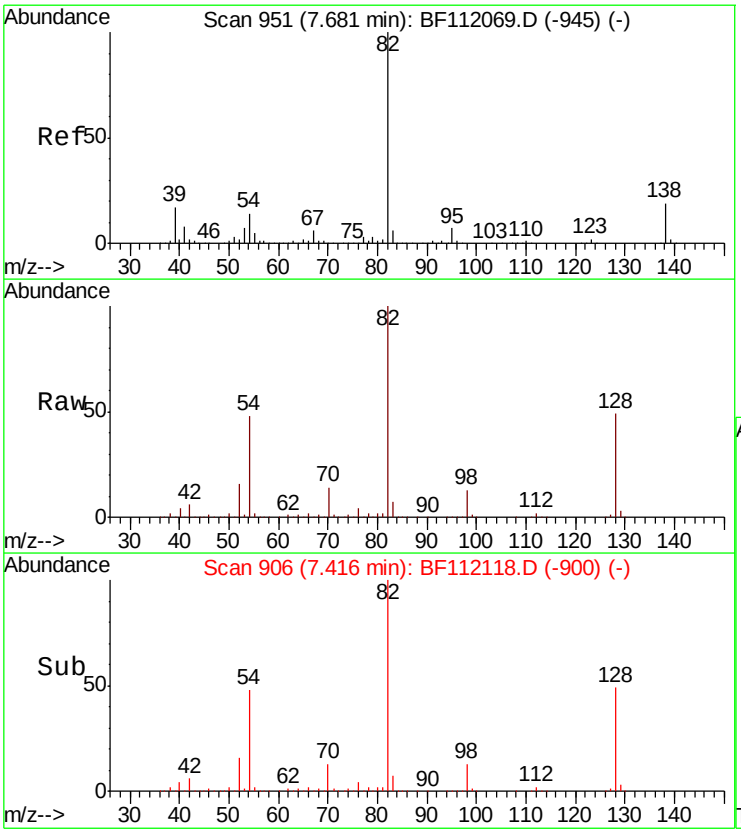
#23
Nitrobenzene-d5
Concen: 69.386 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Instrument :
BNA_F
ClientSampleId :
WC-03-011519

Tgt Ion: 82 Resp: 1133233

Ion	Ratio	Lower	Upper
82	100		
128	48.7	37.8	56.8
54	48.1	39.7	59.5

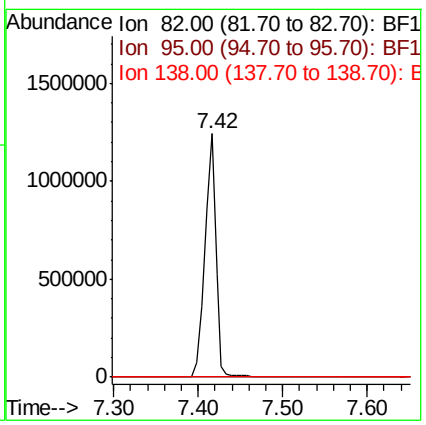


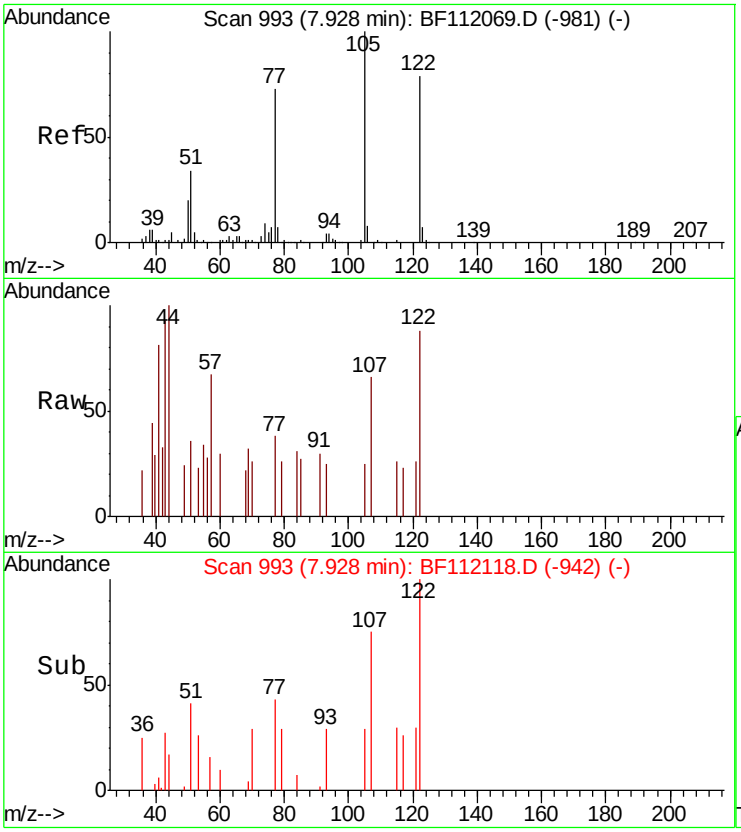


#25
Isophorone
Concen: 35.802 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Tgt Ion: 82 Resp: 1129434

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#



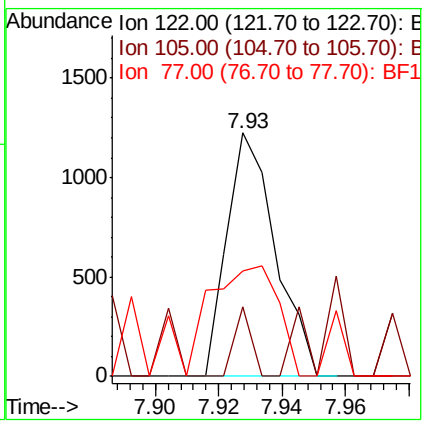


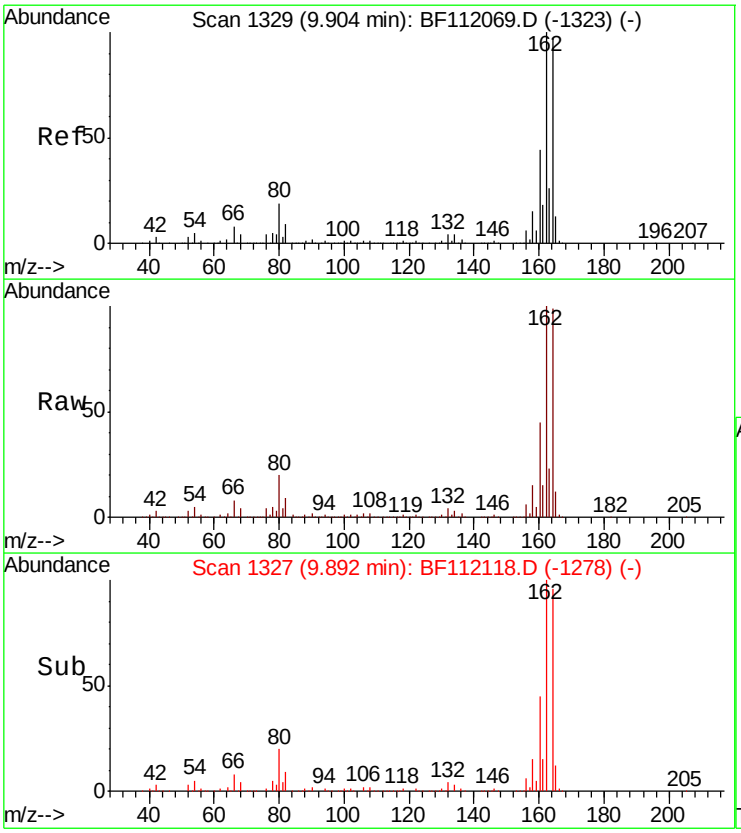
#32
Benzoic acid
Concen: 7.380 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Instrument :
BNA_F
ClientSampleId :
WC-03-011519

Tgt Ion:122 Resp: 1292

Ion	Ratio	Lower	Upper
122	100		
105	28.7	101.2	141.2#
77	43.1	70.4	110.4#

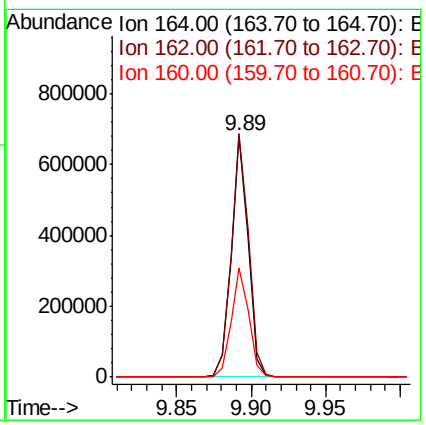


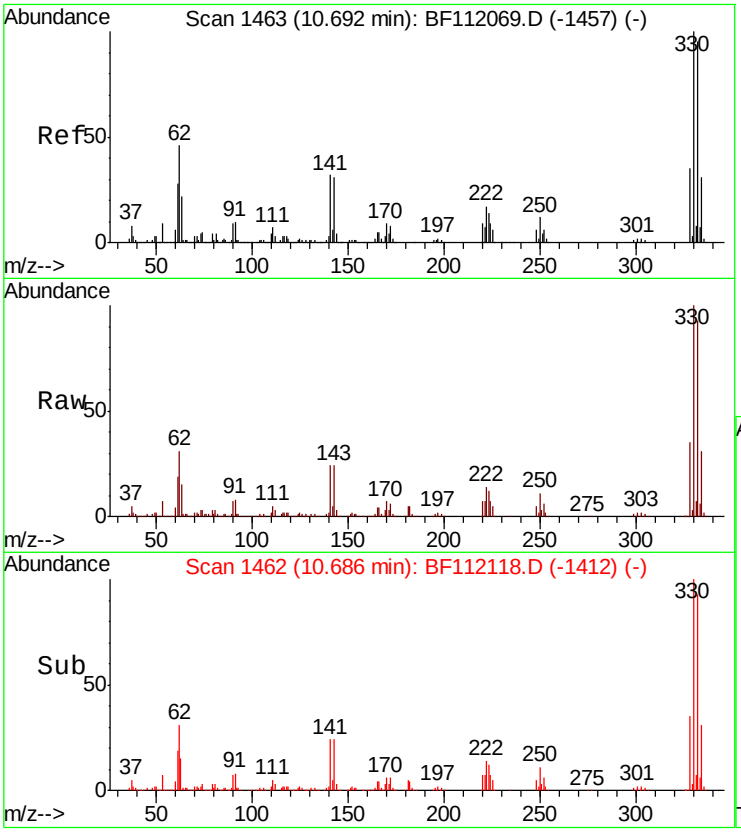


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Tgt Ion:164 Resp: 548554

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.2	123.4
160	45.2	36.2	54.4



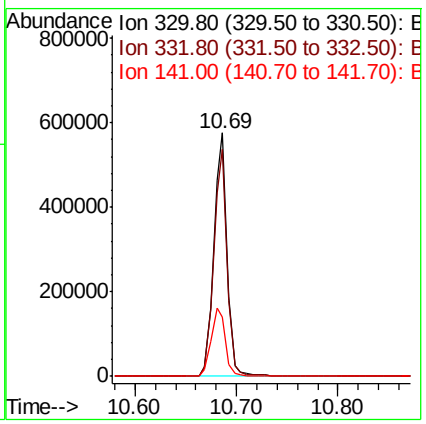


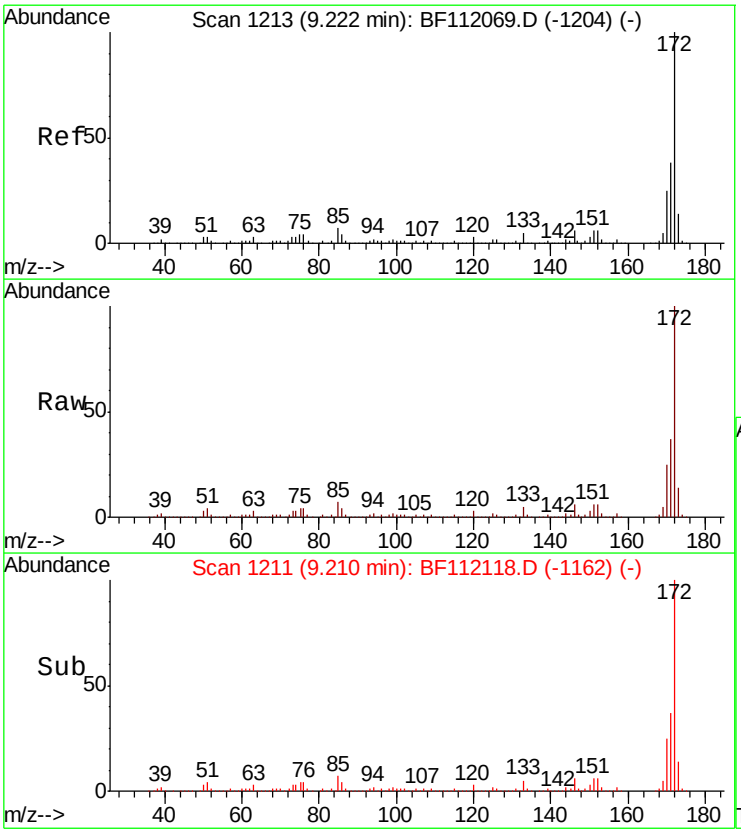
#42
2,4,6-Tribromophenol
Concen: 88.329 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Instrument :
BNA_F
ClientSampleId :
WC-03-011519

Tgt Ion:330 Resp: 522706

Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.6	114.8
141	30.5	24.3	36.5

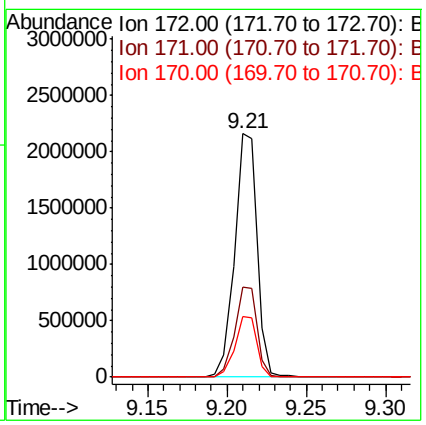


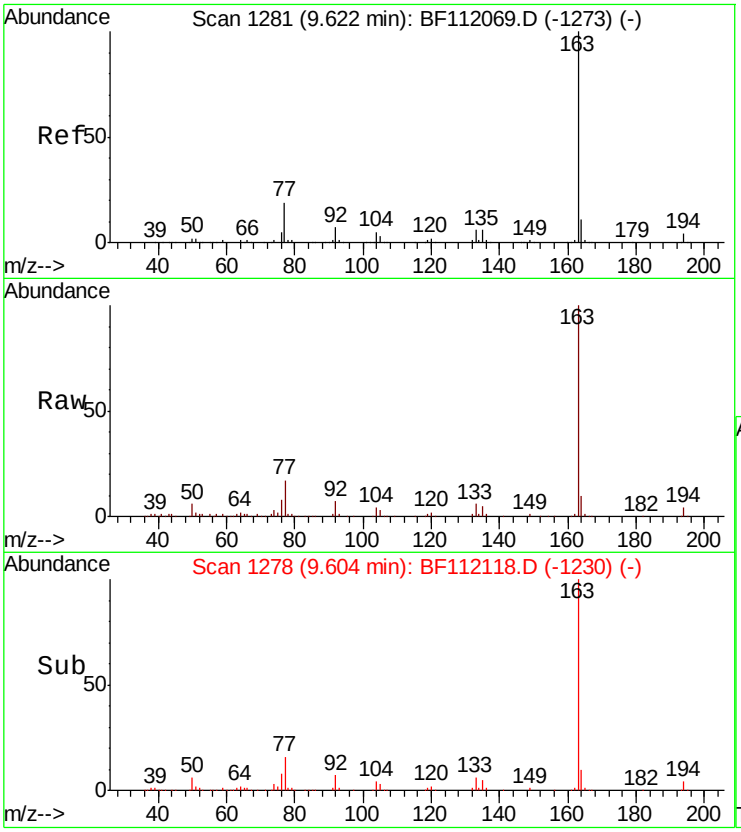


#45
2-Fluorobiphenyl
Concen: 56.677 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Tgt Ion:172 Resp: 2120590

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.5	45.7
170	24.8	20.2	30.4



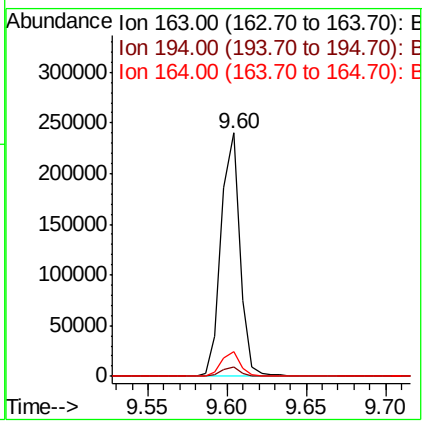


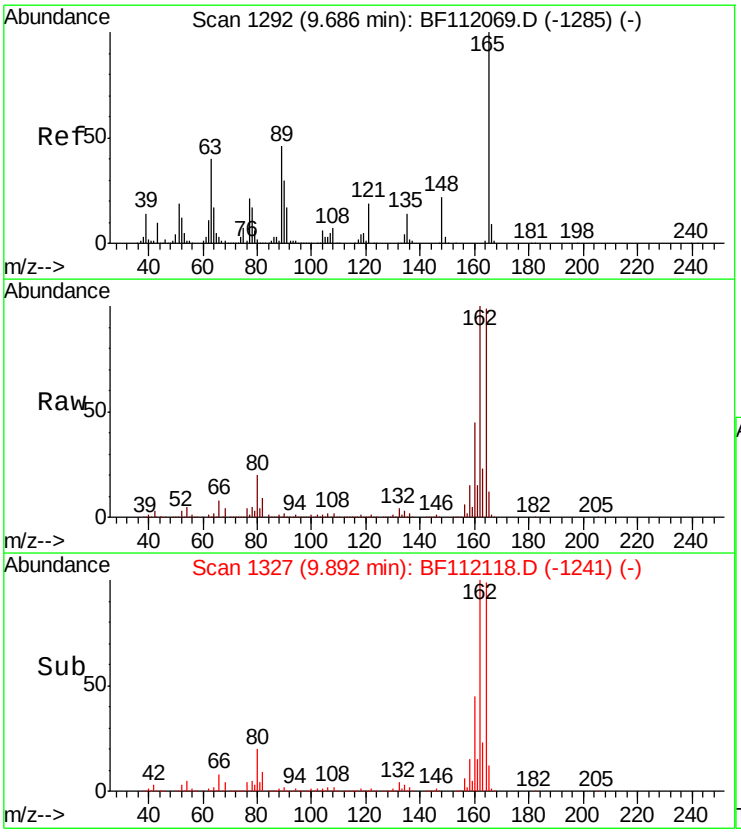
#50
Dimethylphthalate
Concen: 4.952 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Instrument :
BNA_F
ClientSampleId :
WC-03-011519

Tgt Ion:163 Resp: 198117

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.9	8.5	12.7

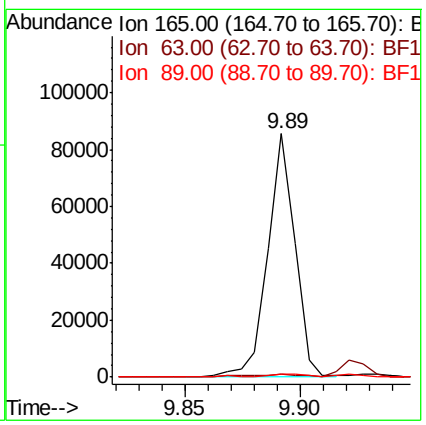


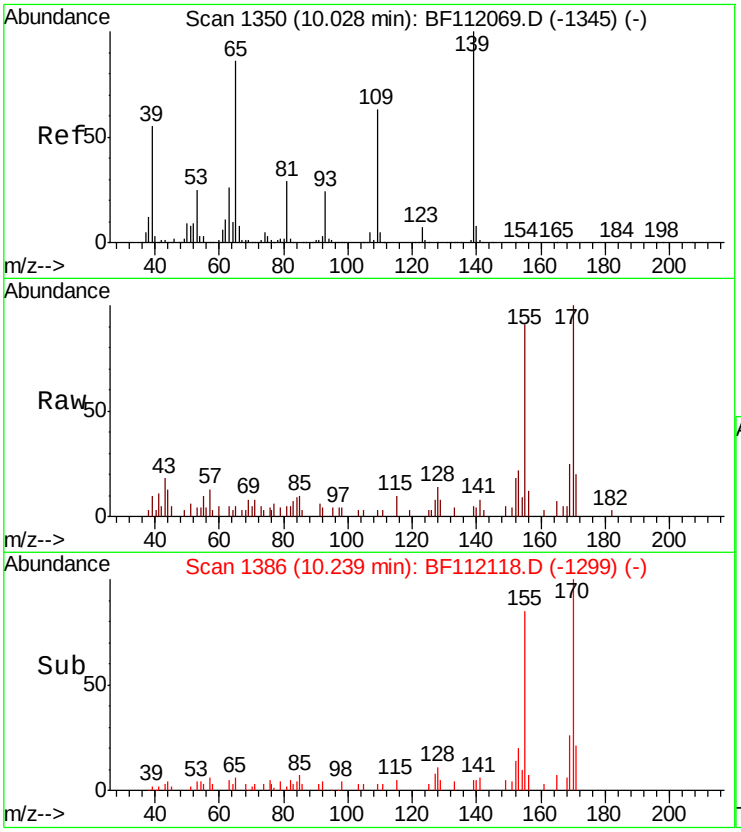


#51
2,6-Dinitrotoluene
Concen: 8.818 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Tgt Ion:165 Resp: 70448

Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.8	50.8#
89	1.1	36.9	55.3#



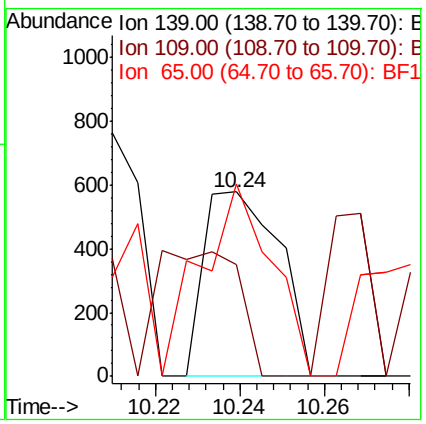


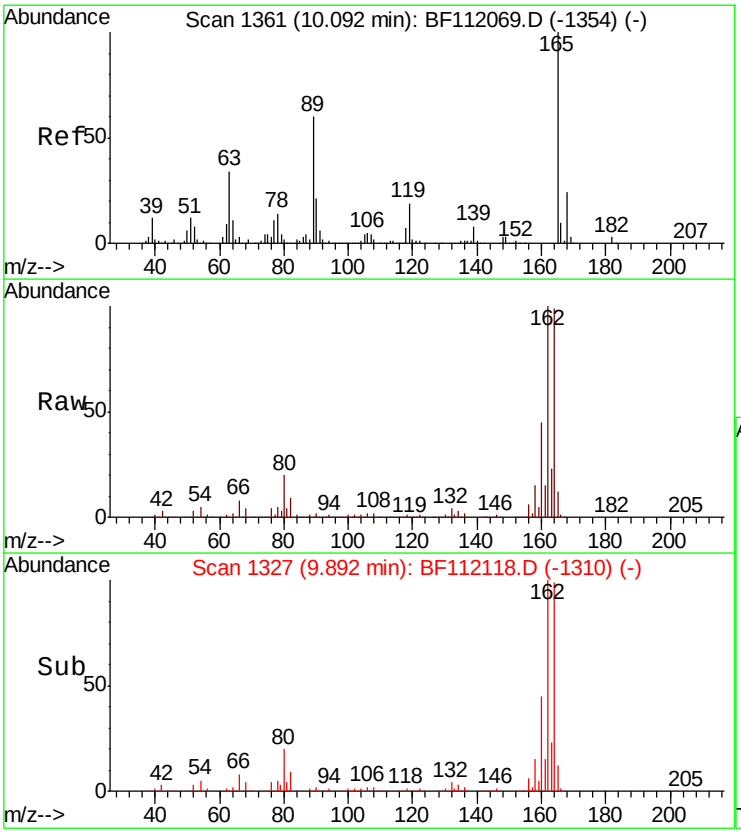
#56
4-Nitrophenol
Concen: 5.759 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.21 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Instrument :
BNA_F
ClientSampleId :
WC-03-011519

Tgt Ion:139 Resp: 716

Ion	Ratio	Lower	Upper
139	100		
109	60.9	42.8	82.8
65	104.5	66.1	106.1

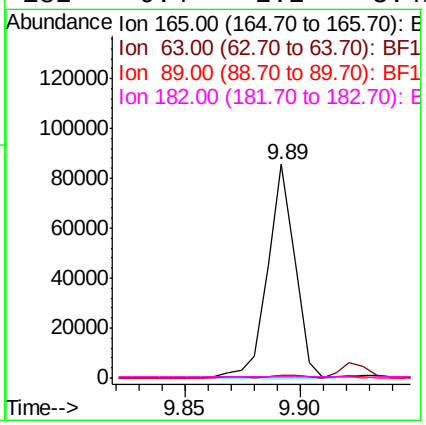


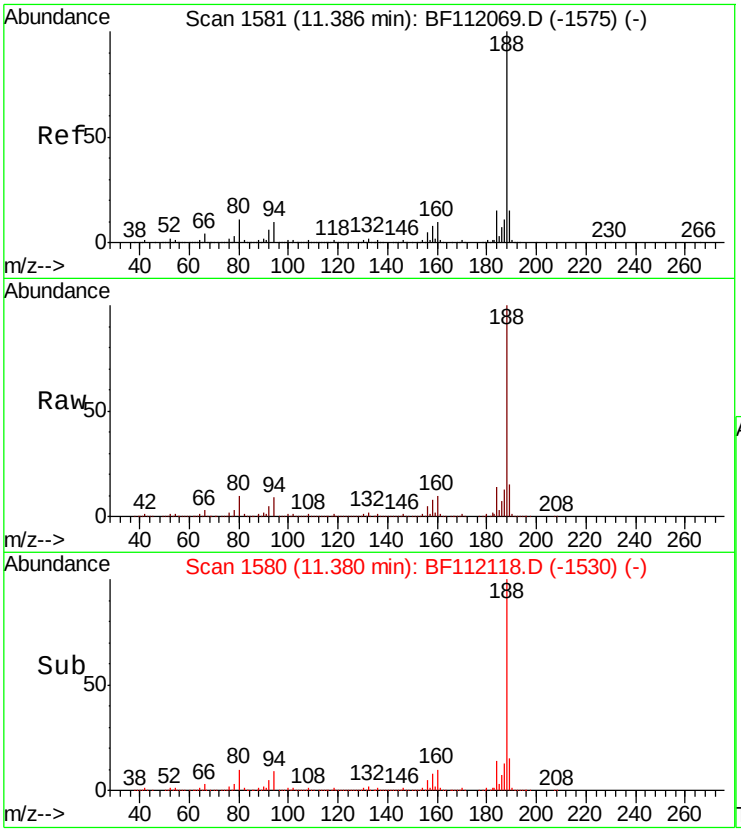


#57
2,4-Dinitrotoluene
Concen: 10.795 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.20 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Tgt Ion:165 Resp: 70448

Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.9	41.9#
89	1.1	47.9	71.9#
182	0.4	2.2	3.4#



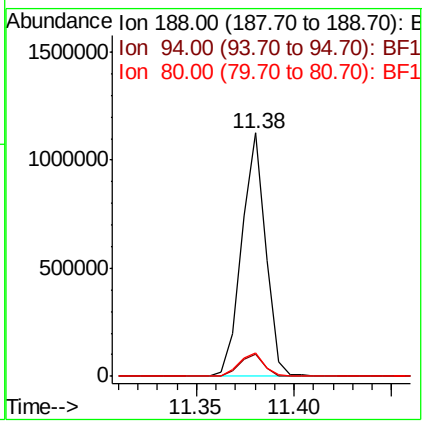


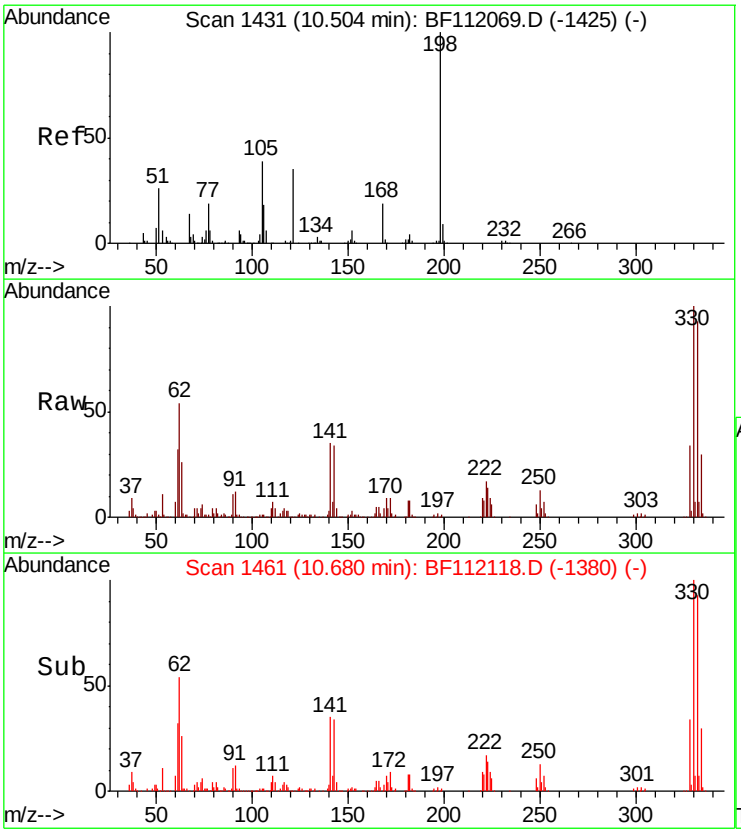
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Instrument :
BNA_F
ClientSampleId :
WC-03-011519

Tgt Ion:188 Resp: 957534

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.2
80	9.7	8.9	13.3

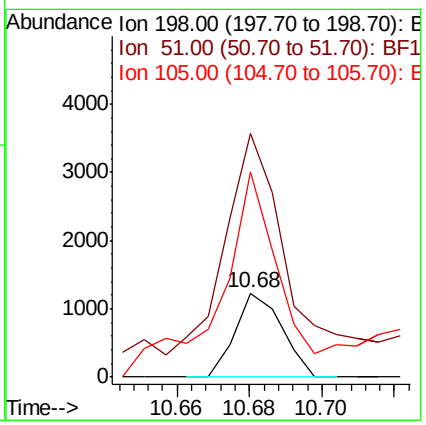


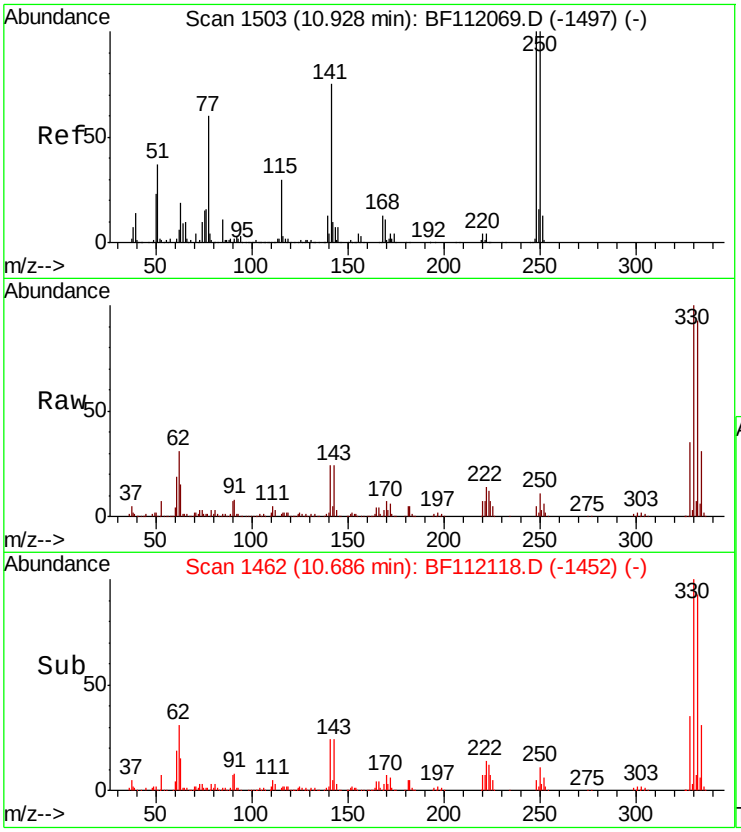


#65
4,6-Dinitro-2-methylphenol
Concen: 10.286 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.18 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Tgt Ion:198 Resp: 1093

Ion	Ratio	Lower	Upper
198	100		
51	291.2	17.2	57.2#
105	245.4	21.9	61.9#



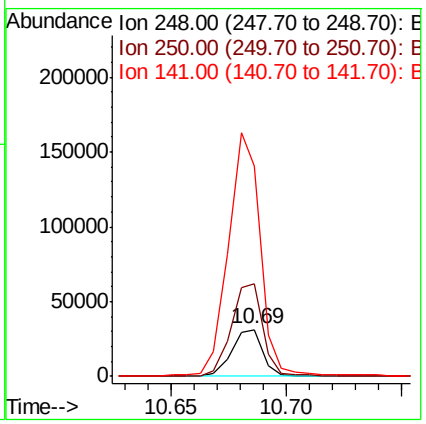


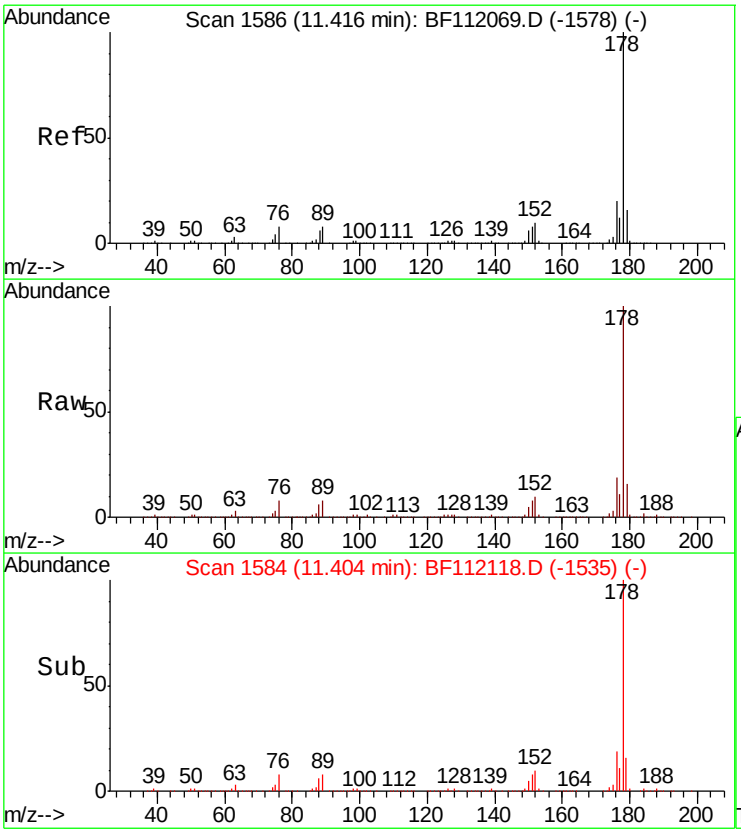
#67
4-Bromophenyl-phenylether
Concen: 2.667 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Instrument :
BNA_F
ClientSampleId :
WC-03-011519

Tgt Ion:248 Resp: 29660

Ion	Ratio	Lower	Upper
248	100		
250	198.2	79.7	119.5#
141	452.8	60.3	90.5#

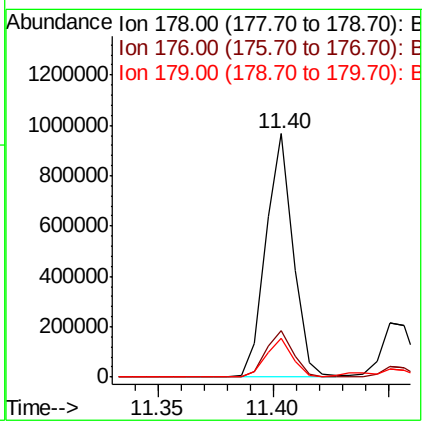


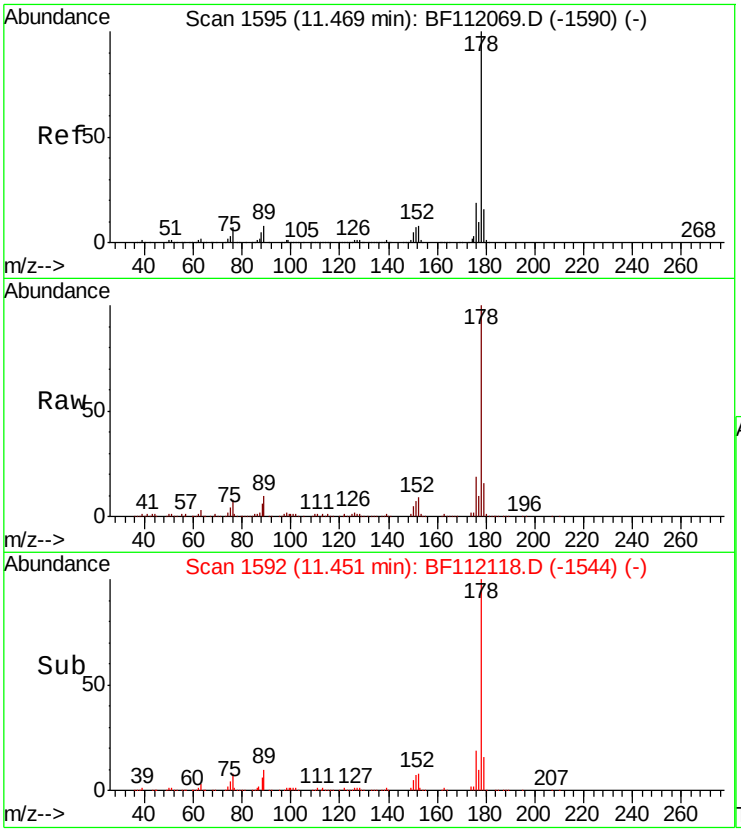


#71
Phenanthrene
Concen: 16.468 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Tgt Ion:178 Resp: 793552

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.3	24.5
179	16.0	13.0	19.4



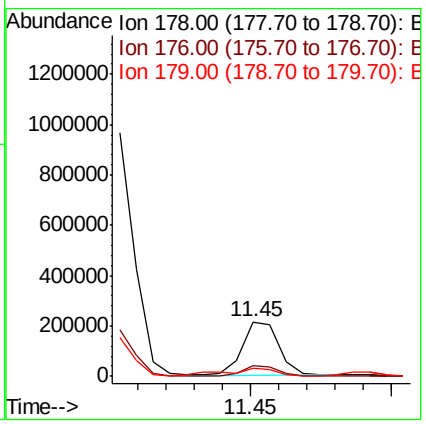


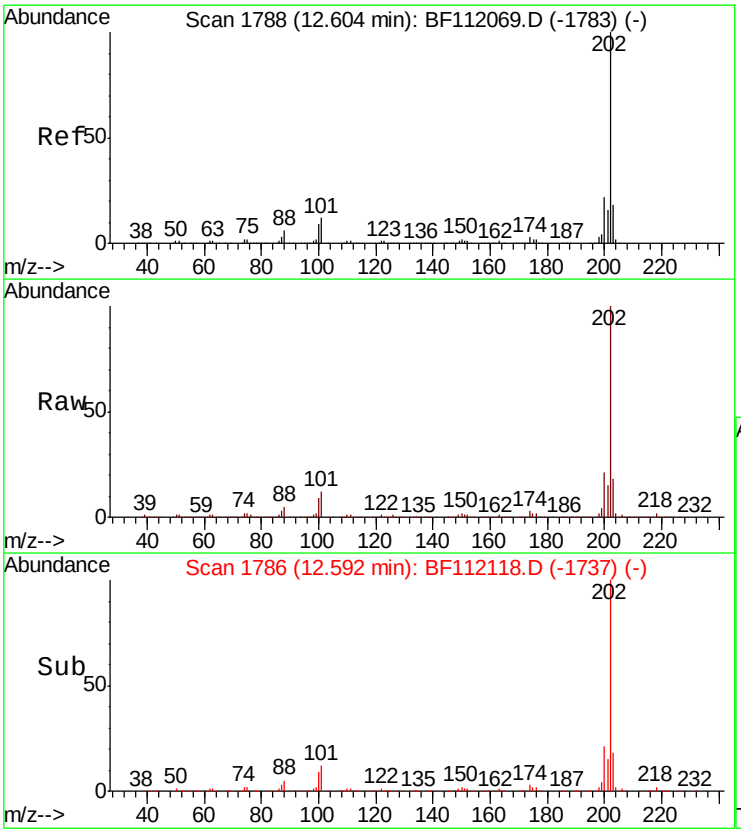
#72
Anthracene
Concen: 3.978 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.02 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Instrument :
BNA_F
ClientSampleId :
WC-03-011519

Tgt Ion:178 Resp: 194196

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.7	12.8	19.2

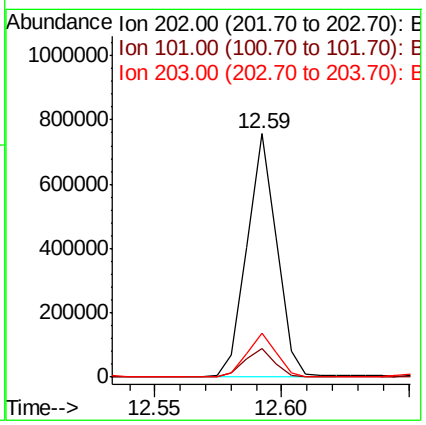


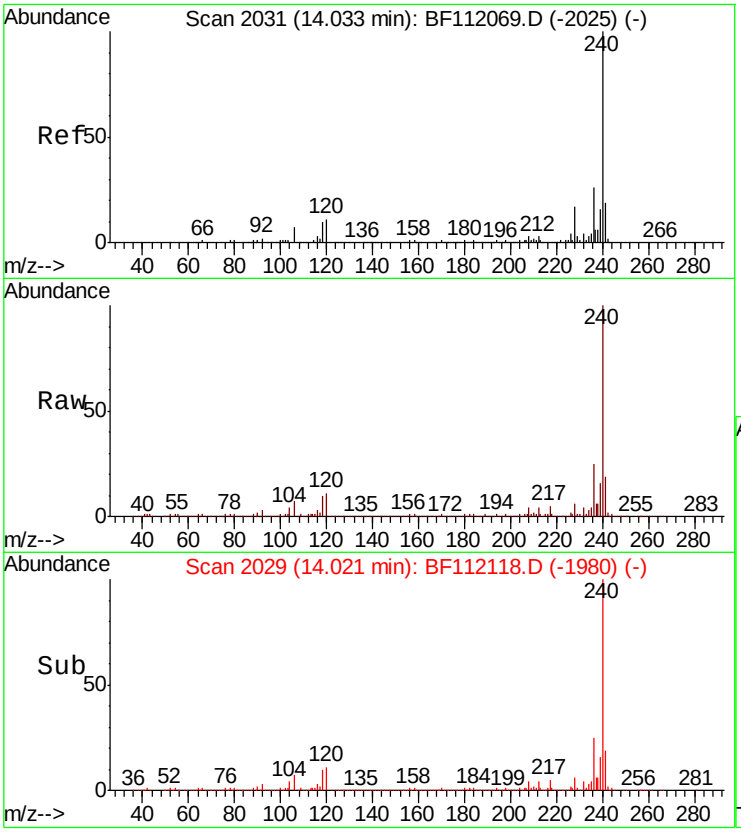


#75
Fluoranthene
Concen: 12.174 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Tgt Ion:202 Resp: 619406

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.8
203	17.8	0.0	38.4



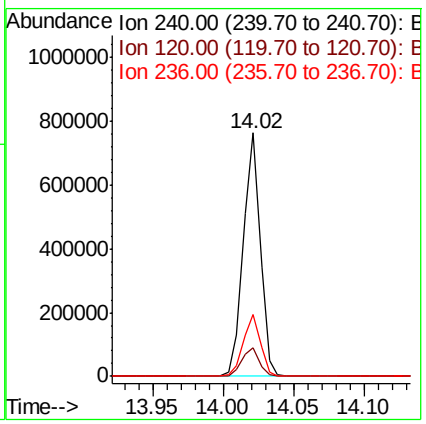


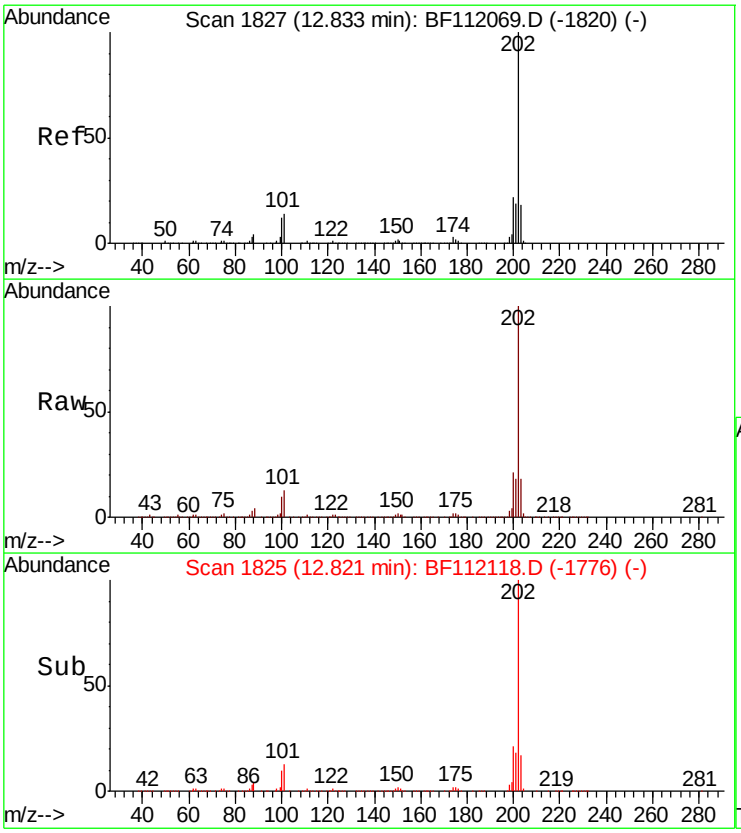
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Instrument :
BNA_F
ClientSampleId :
WC-03-011519

Tgt Ion:240 Resp: 645938

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.0	13.6
236	25.3	20.7	31.1

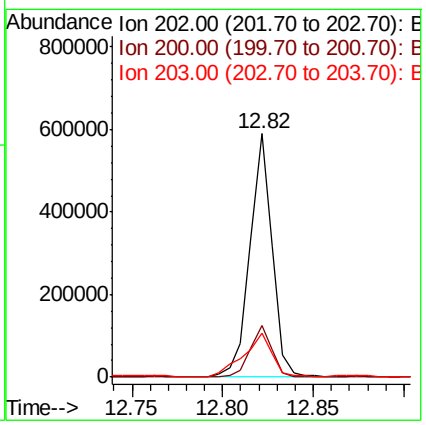


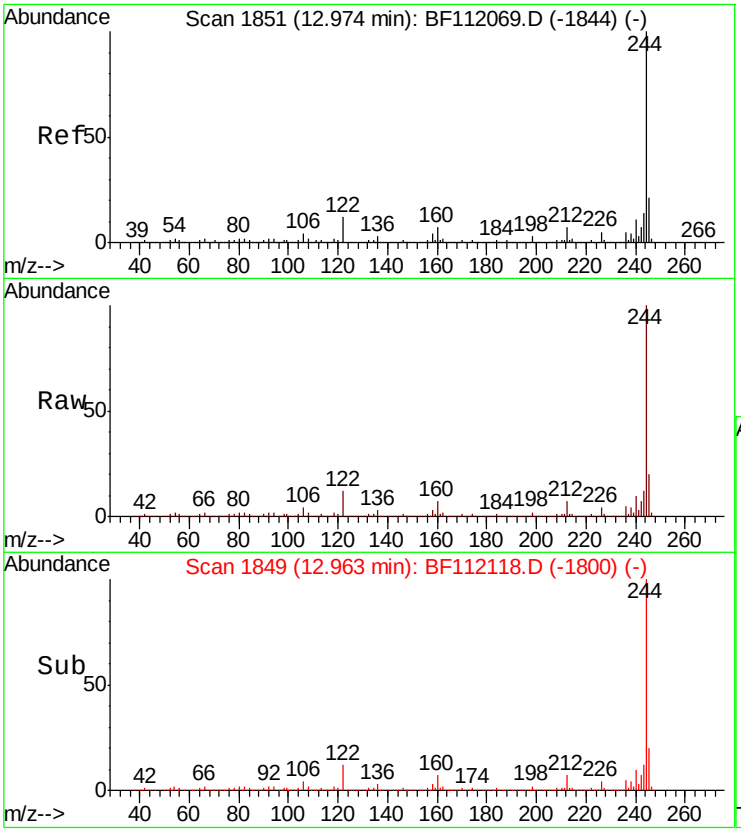


#78
Pyrene
Concen: 11.761 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Tgt Ion:202 Resp: 501231

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.7	26.5
203	17.9	14.6	22.0



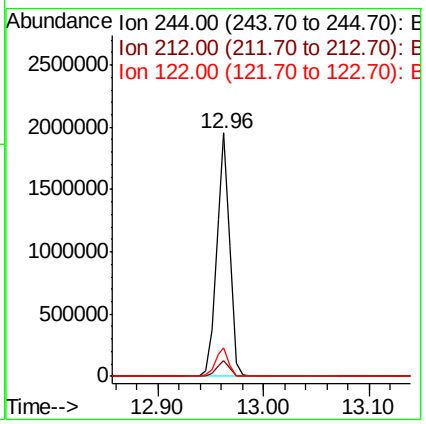


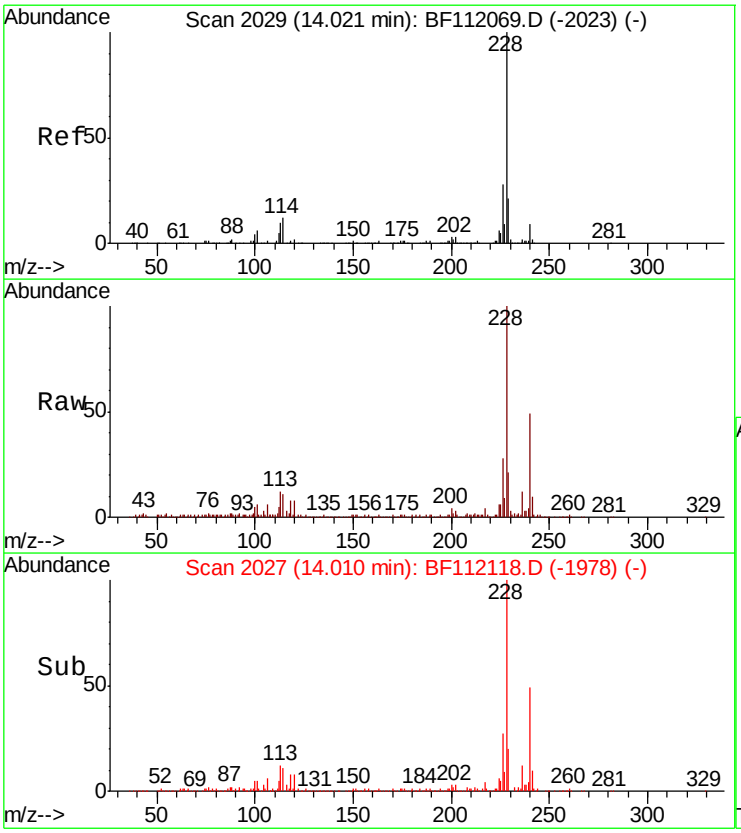
#79
Terphenyl-d14
Concen: 55.904 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Instrument :
BNA_F
ClientSampleId :
WC-03-011519

Tgt Ion:244 Resp: 1697414

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.9	8.9
122	11.7	9.8	14.6

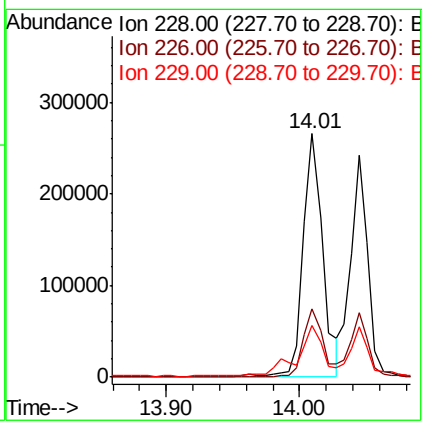


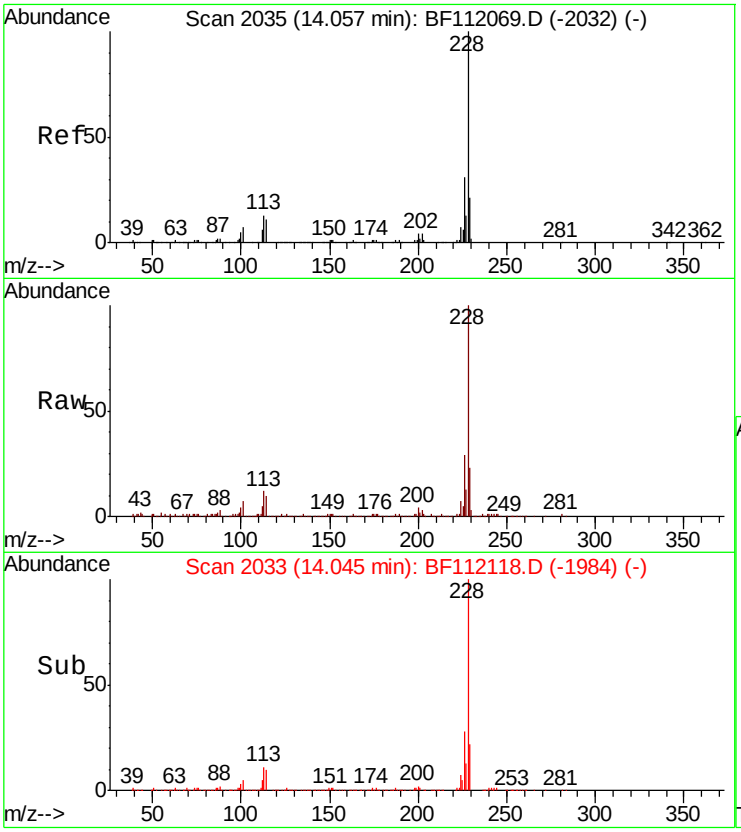


#81
Benzo(a)anthracene
Concen: 7.163 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Tgt Ion:228 Resp: 265308

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	34.0
229	21.1	16.5	24.7



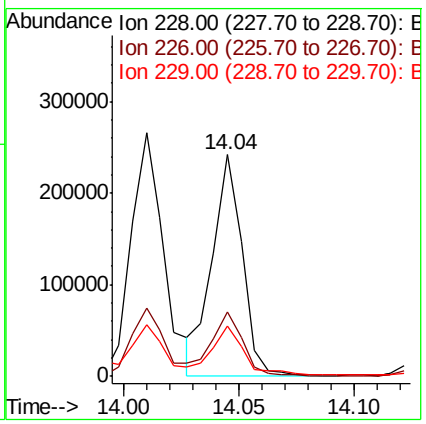


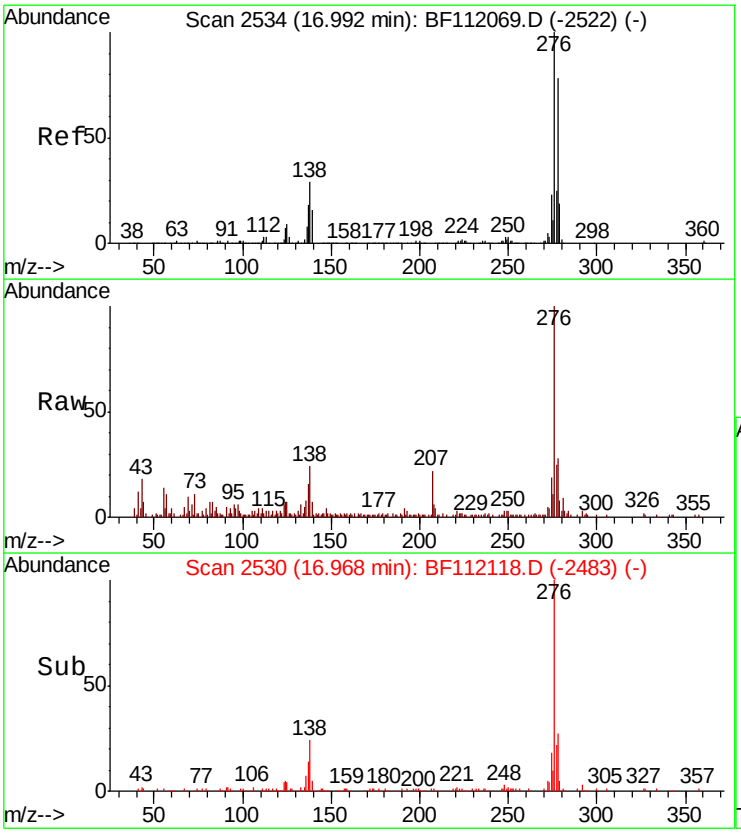
#83
Chrysene
Concen: 6.232 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Instrument :
BNA_F
ClientSampleId :
WC-03-011519

Tgt Ion:228 Resp: 218402

Ion	Ratio	Lower	Upper
228	100		
226	28.8	25.0	37.6
229	22.7	16.6	24.8

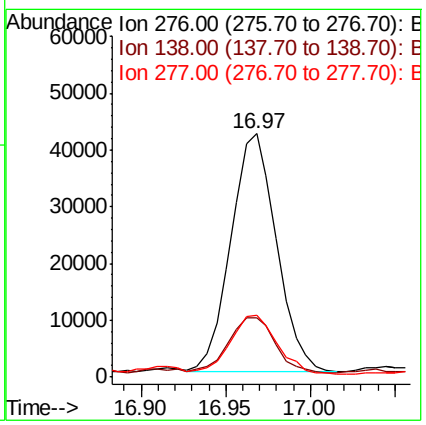


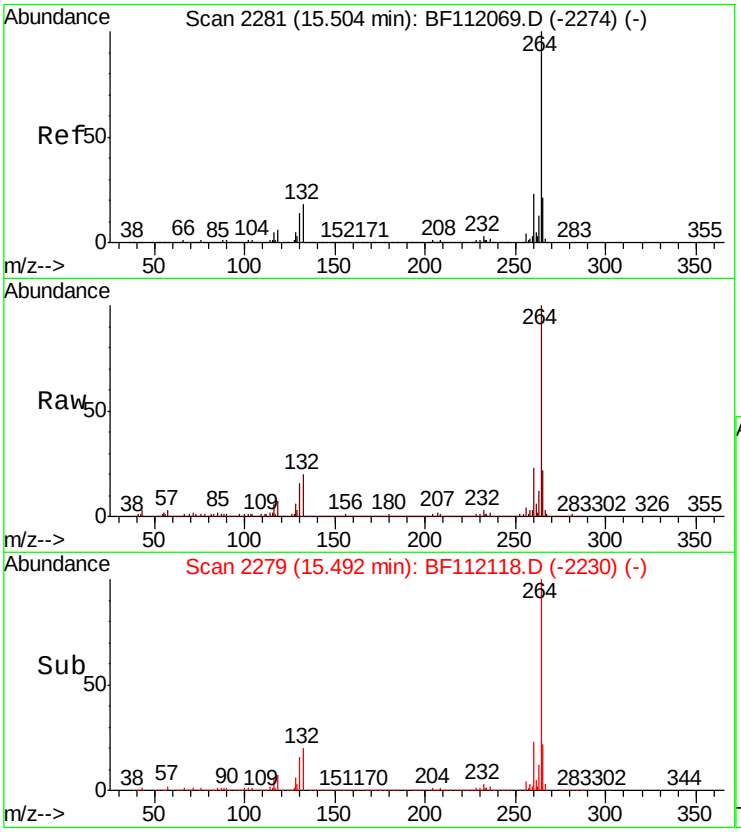


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.436 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.02 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Tgt Ion:276 Resp: 78756

Ion	Ratio	Lower	Upper
276	100		
138	24.1	22.6	34.0
277	25.7	20.3	30.5



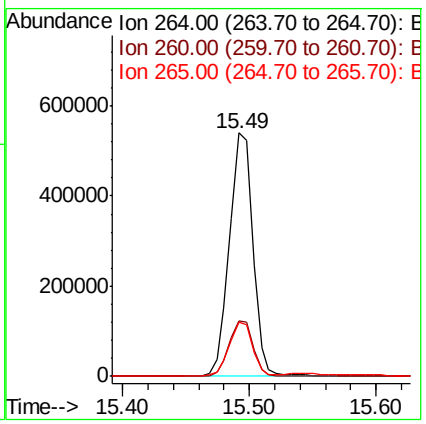


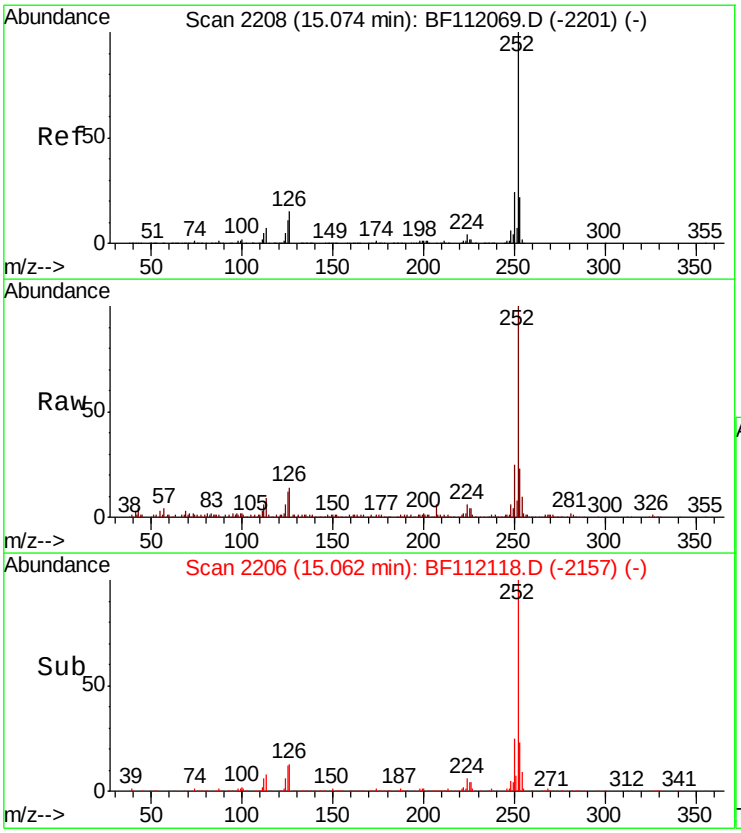
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Instrument :
BNA_F
ClientSampleId :
WC-03-011519

Tgt Ion:264 Resp: 688583

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.2
265	22.4	17.0	25.4

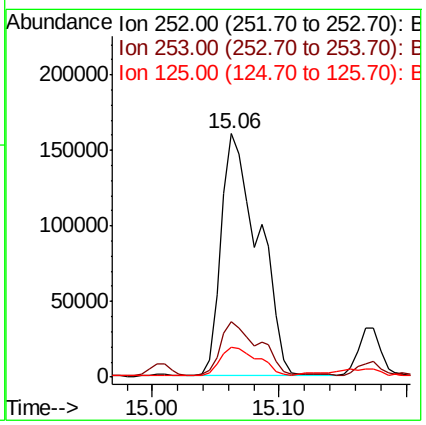


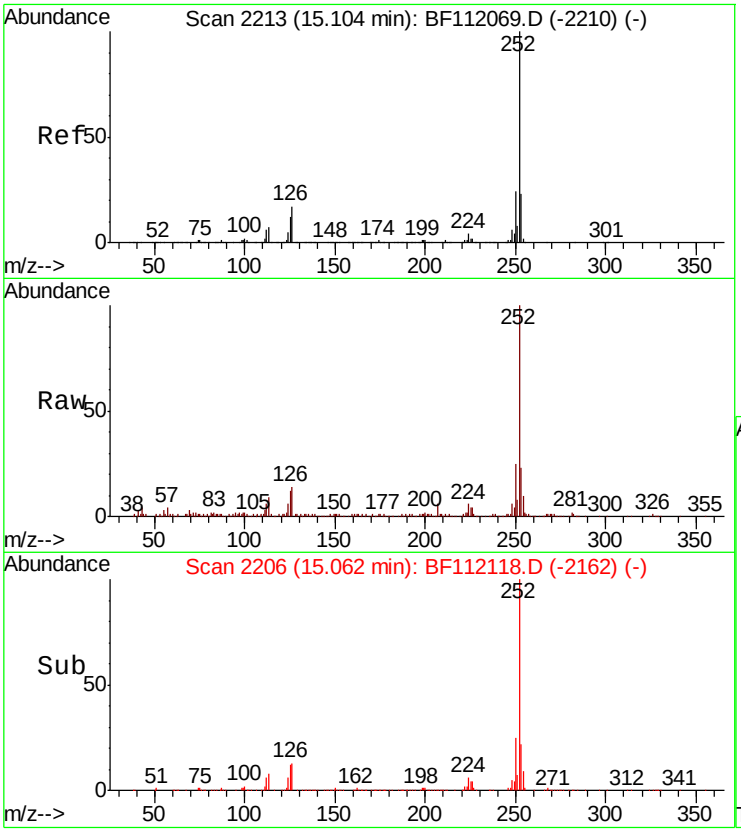


#88
Benzo(b)fluoranthene
Concen: 8.479 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Tgt Ion:252 Resp: 331419

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	12.3	8.7	13.1



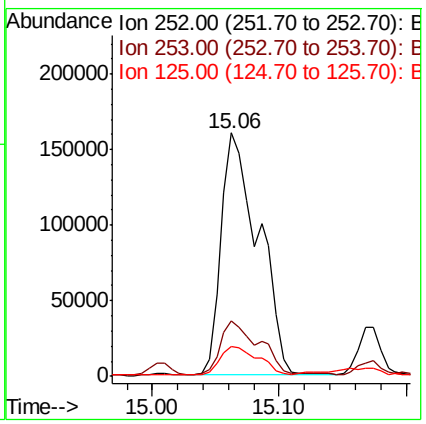


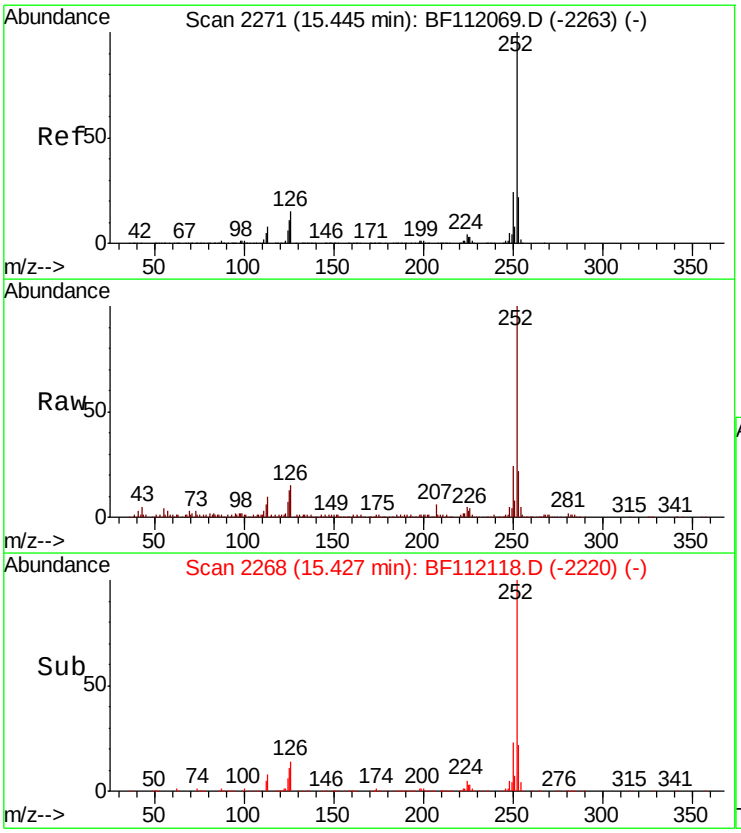
#89
Benzo(k)fluoranthene
Concen: 8.761 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.04 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Instrument :
BNA_F
ClientSampleId :
WC-03-011519

Tgt Ion:252 Resp: 331419

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	12.3	9.1	13.7

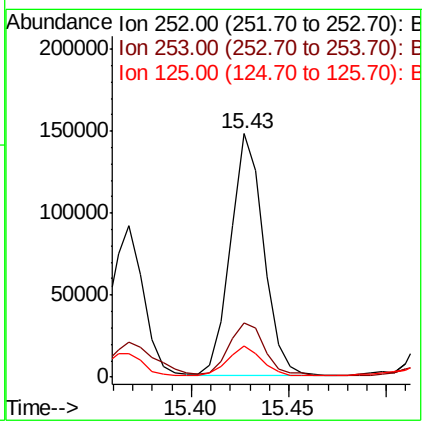


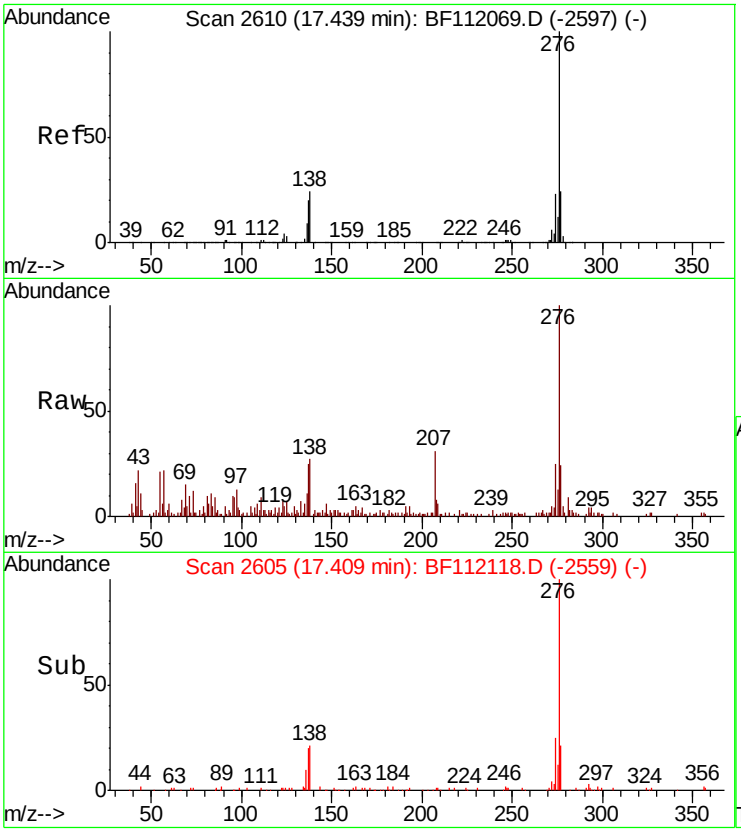


#90
Benzo(a)pyrene
Concen: 4.825 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Tgt Ion:252 Resp: 172964

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	12.9	9.0	13.4





#92
Benzo(g,h,i)perylene
Concen: 2.032 ng
RT: 17.41 min Scan# 2605
Delta R.T. -0.03 min
Lab File: BF112118.D
Acq: 18 Jan 2019 11:03

Instrument :
BNA_F
ClientSampleId :
WC-03-011519

Tgt Ion:276 Resp: 63725

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.4	29.0
138	26.8	19.1	28.7