Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110418.D
Acq On : 2 Nov 2018 18:11
Operator : JU/SJ
Sample : J5769-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 03 00:51:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	100868	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	422735	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	199239	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	328685	20.00	ng		0.00
76) Chrysene-d12	14.13	240	182176	20.00	ng		0.00
87) Perylene-d12	15.66	264	185088	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	650487	105.02	ng		0.01
7) Phenol-d6	6.58	99	846978	106.90	ng		0.00
23) Nitrobenzene-d5	7.52	82	535383	75.12	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	169822	86.05	ng		0.00
45) 2-Fluorobiphenyl	9.31	172	1006220	79.30	ng		0.00
79) Terphenyl-d14	13.07	244	693212	79.14	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.59	94	53805	6.353	ng	#	63
19) n-Nitroso-di-n-propylamine	7.52	70	71612	14.089	ng	#	80
25) Isophorone	7.52	82	535379	44.068	ng	#	67
50) Dimethylphthalate	9.70	163	156967	10.673	ng		99
57) 2,4-Dinitrotoluene	10.00	165	24861	6.178	ng	#	19
67) 4-Bromophenyl-phenylether	10.79	248	10403	2.918	ng	#	1
71) Phenanthrene	11.51	178	181869	10.575	ng		99
72) Anthracene	11.56	178	47946	2.781	ng		97
75) Fluoranthene	12.70	202	363416	20.821	ng		99
78) Pyrene	12.93	202	337895	25.872	ng		98
80) Butylbenzylphthalate	13.53	149	14356	2.532	ng		98
81) Benzo(a)anthracene	14.12	228	155153	14.361	ng		99
83) Chrysene	14.16	228	126936	12.371	ng		98
86) Indeno(1,2,3-cd)pyrene	17.22	276	77279	9.078	ng		100
88) Benzo(b)fluoranthene	15.20	252	247862	23.190	ng		98
89) Benzo(k)fluoranthene	15.20	252	247862	23.589	ng	#	97
90) Benzo(a)pyrene	15.59	252	133130	13.537	ng		99
92) Benzo(g,h,i)perylene	17.69	276	66384	7.939	ng		97

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

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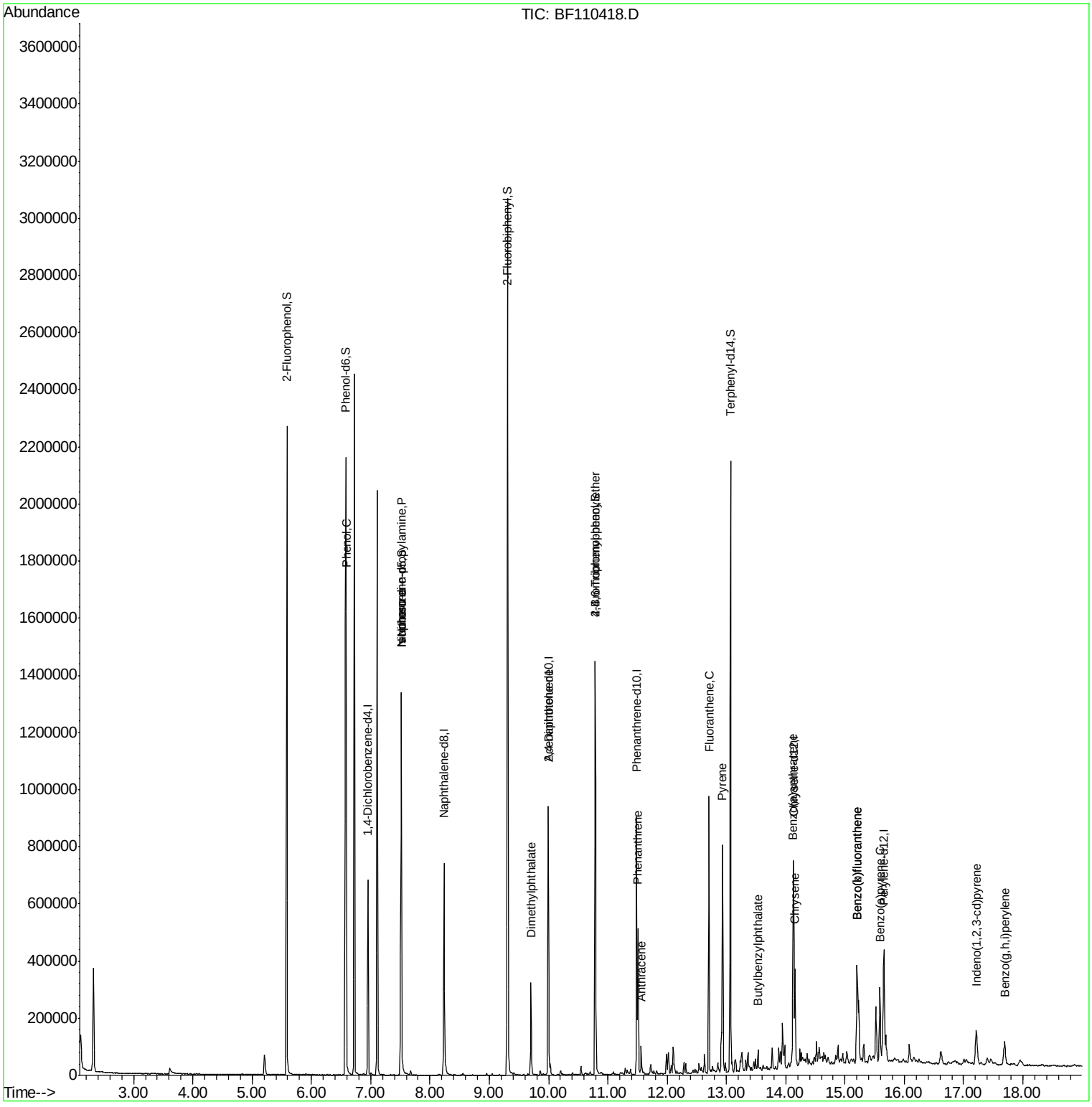
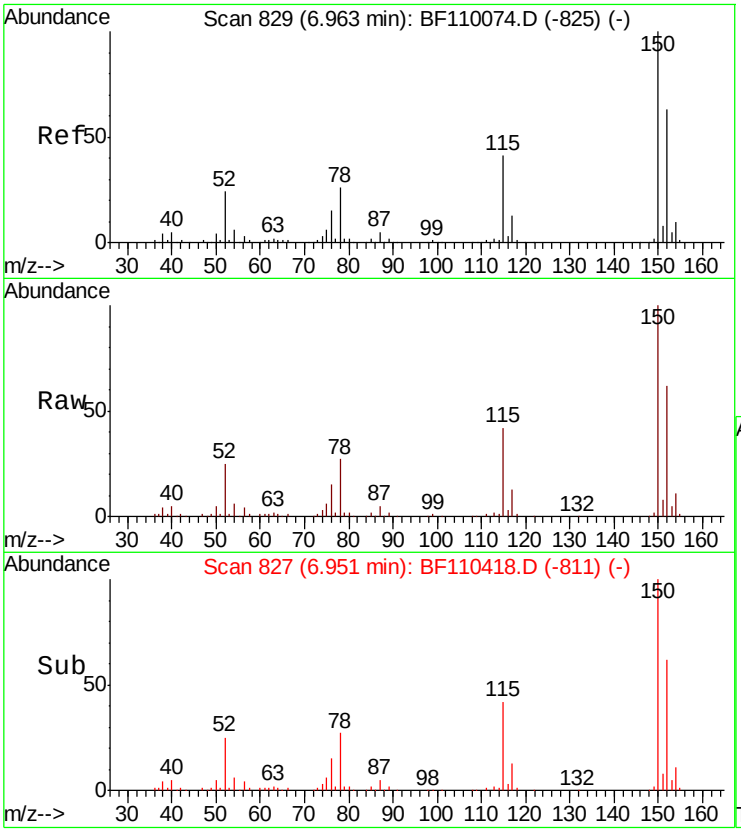


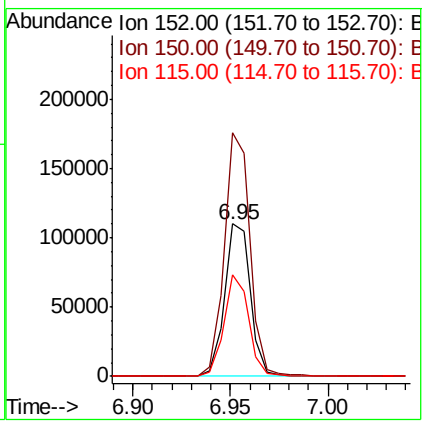


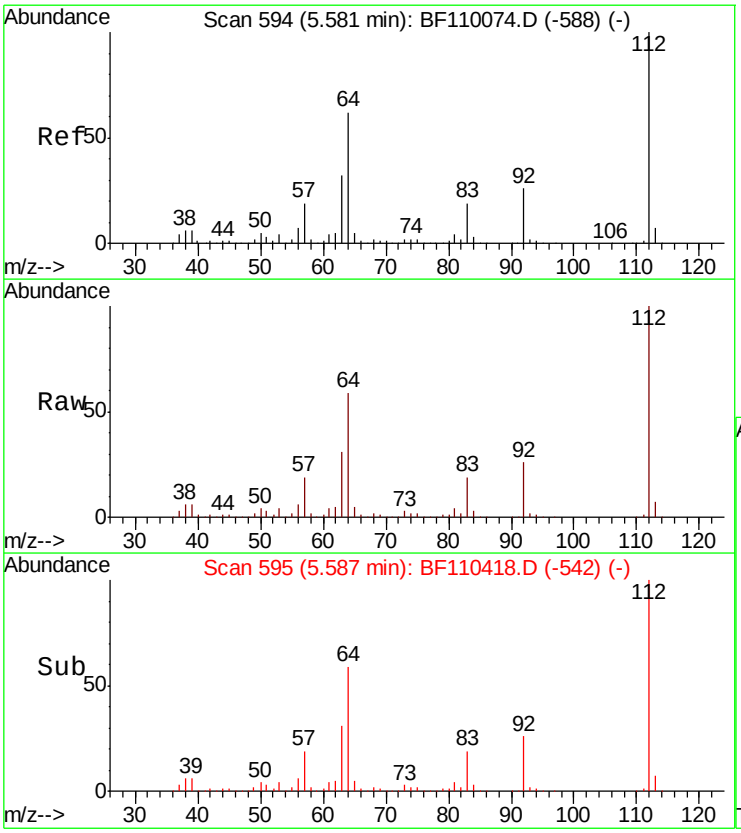
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 100868

Ion	Ratio	Lower	Upper
152	100		
150	160.0	122.7	184.1
115	66.9	49.1	73.7

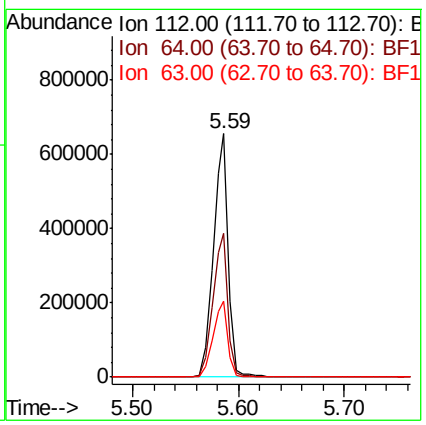


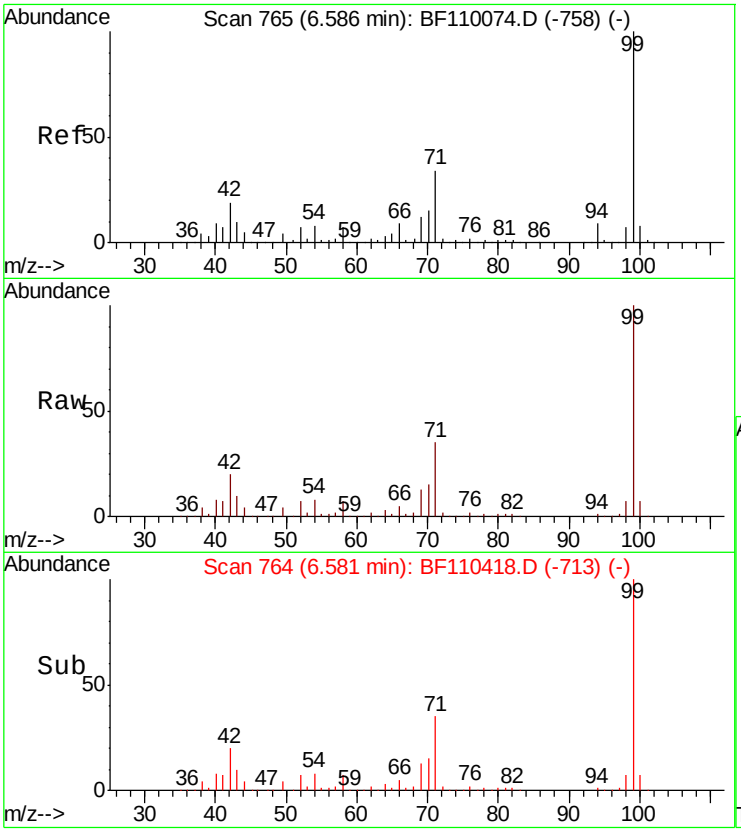


#5
2-Fluorophenol
Concen: 105.017 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Tgt Ion:112 Resp: 650487

Ion	Ratio	Lower	Upper
112	100		
64	59.0	44.1	66.1
63	31.1	23.7	35.5



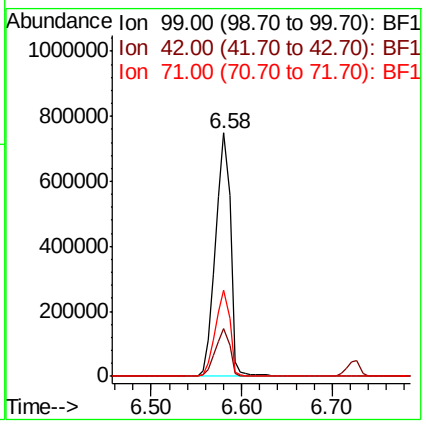


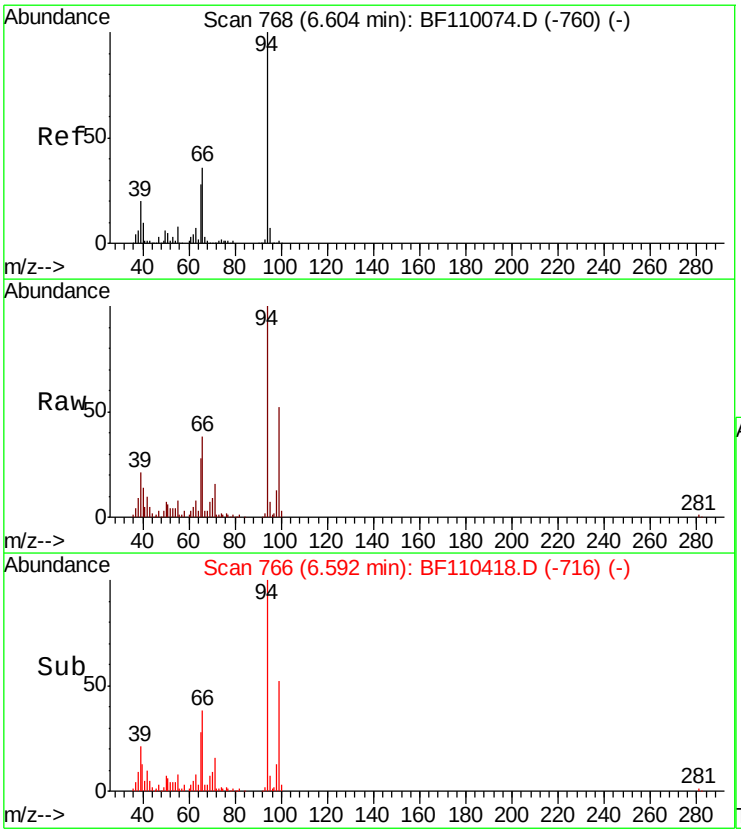
#7
Phenol-d6
Concen: 106.905 ng
RT: 6.58 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 846978

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.8	23.6
71	35.4	28.0	42.0

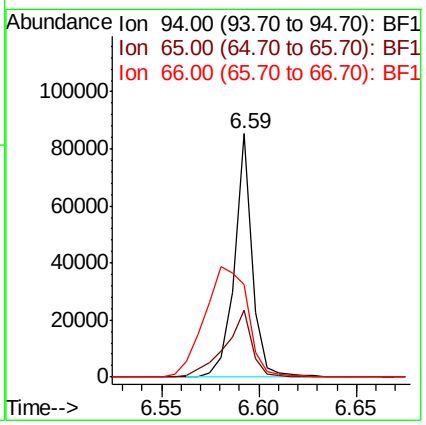


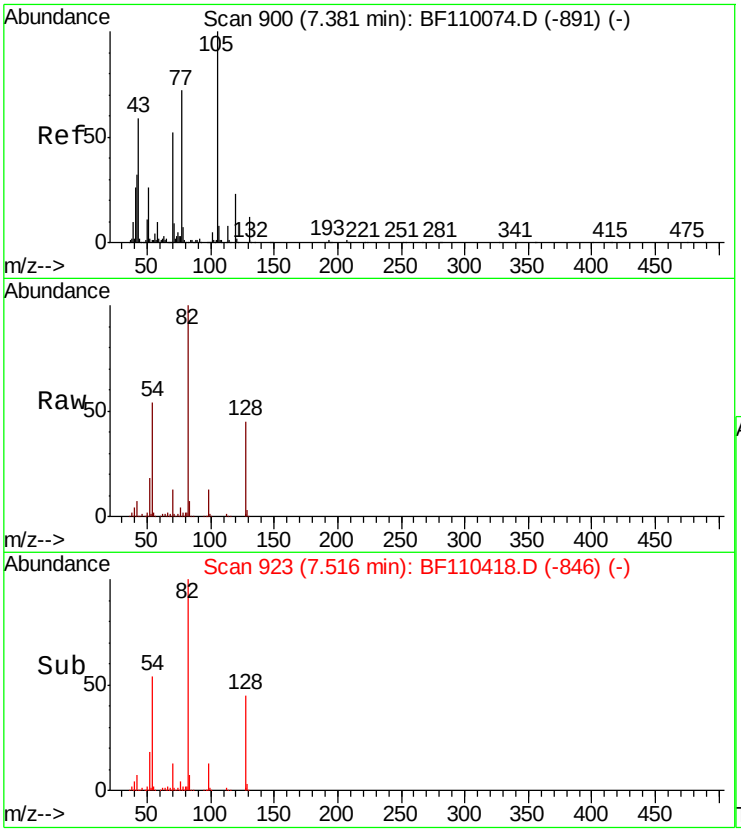


#10
Phenol
Concen: 6.353 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Tgt Ion: 94 Resp: 53805

Ion	Ratio	Lower	Upper
94	100		
65	27.7	25.3	65.3
66	38.0	54.5	94.5#



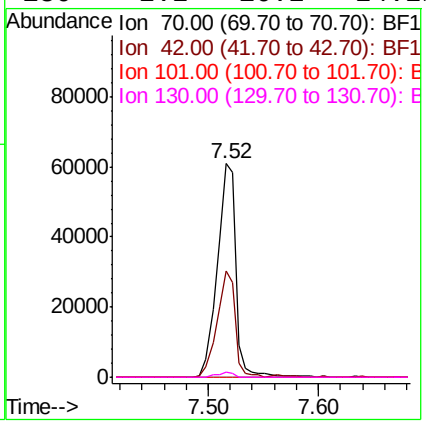


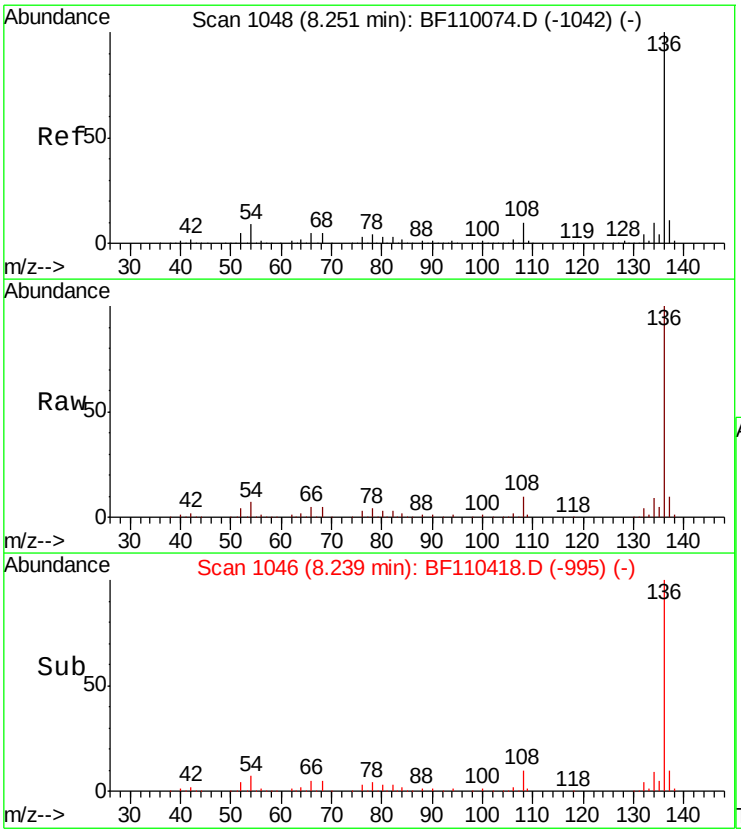
#19
n-Nitroso-di-n-propylamine
Concen: 14.089 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 71612

Ion	Ratio	Lower	Upper
70	100		
42	49.8	47.4	71.2
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#

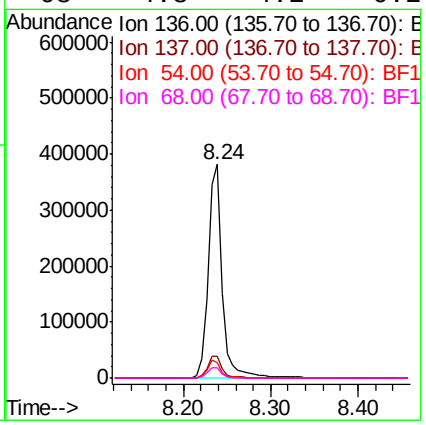


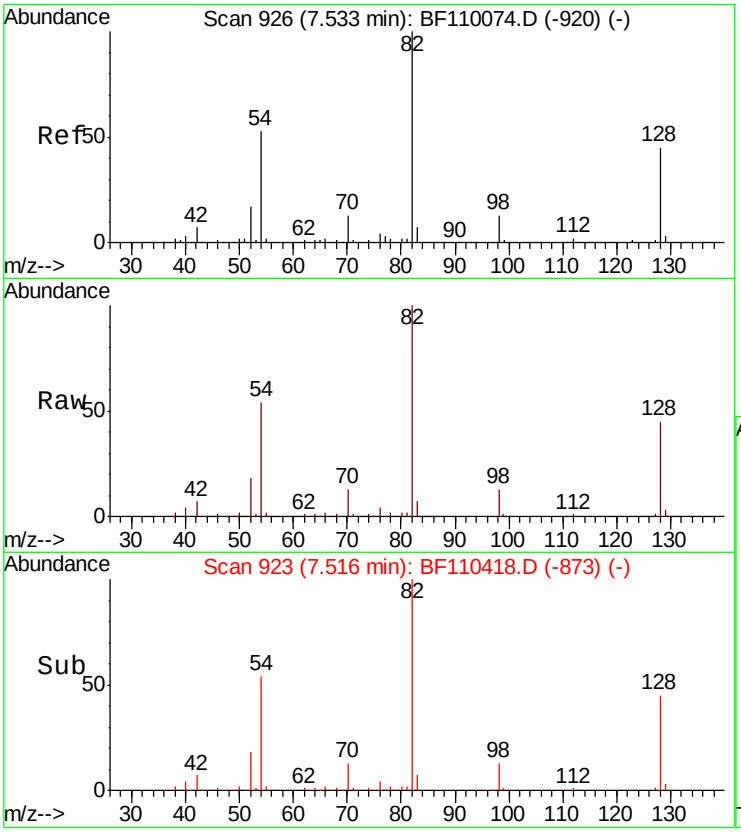


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Tgt Ion:136 Resp: 422735

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	7.4	5.4	8.2
68	4.8	4.2	6.2



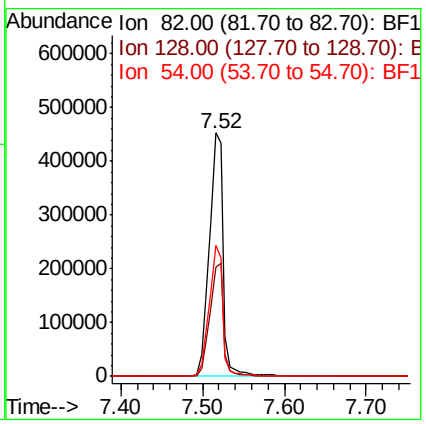


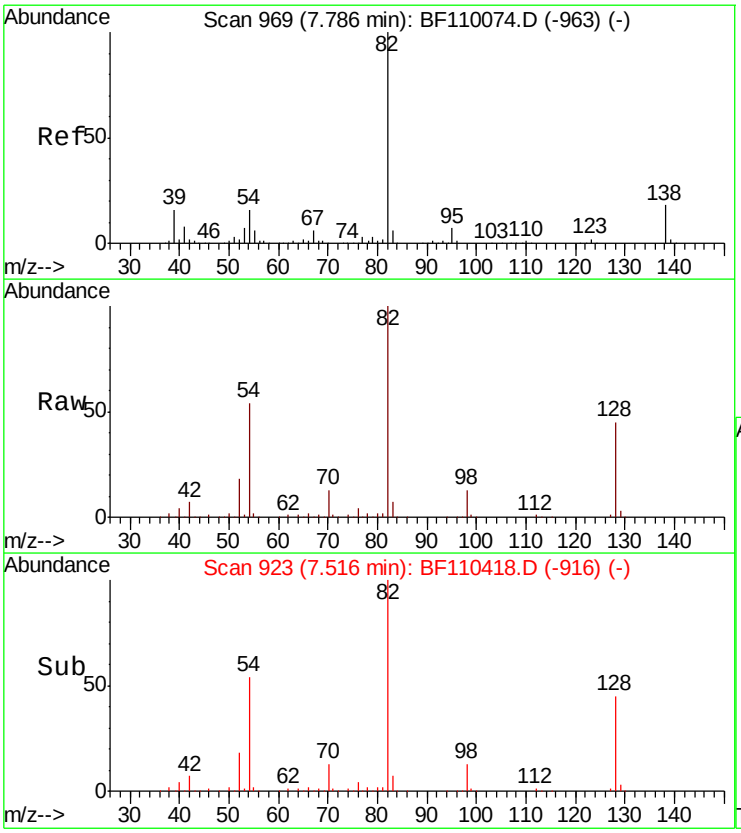
#23
Nitrobenzene-d5
Concen: 75.119 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 535383

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.2	51.2
54	54.1	38.6	58.0

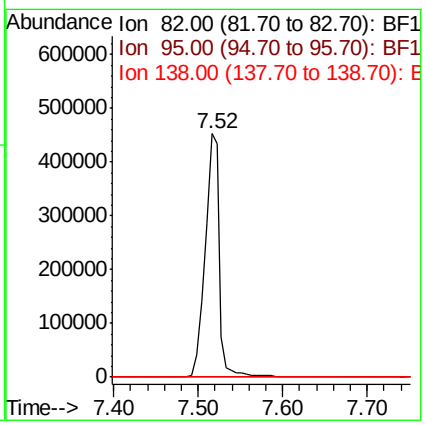


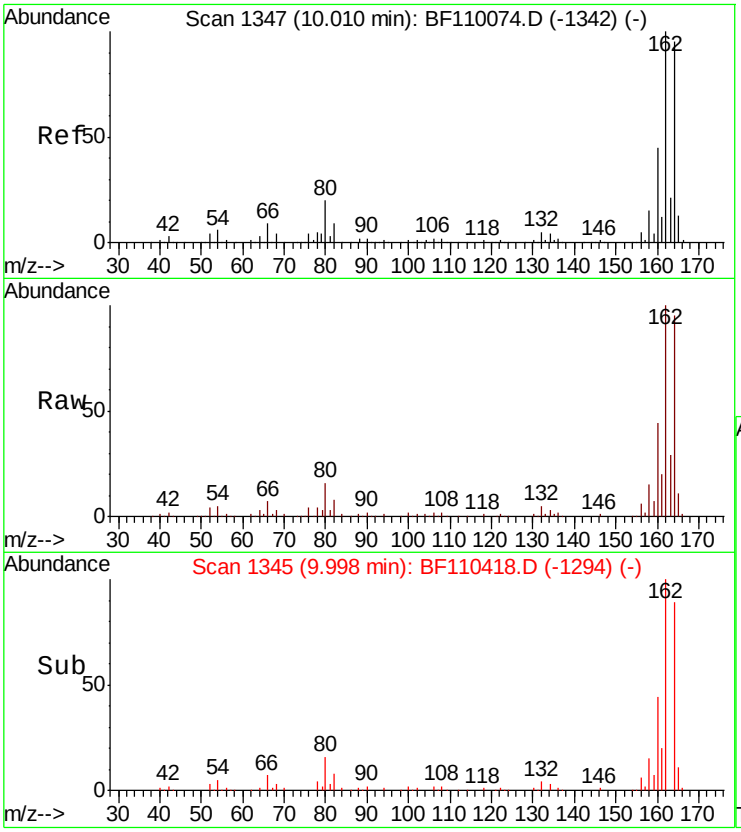


#25
Isophorone
Concen: 44.068 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.26 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Tgt Ion: 82 Resp: 535379

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



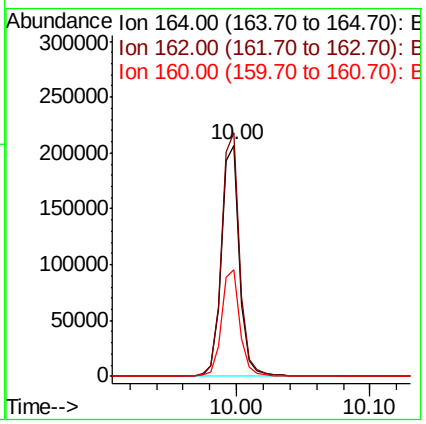


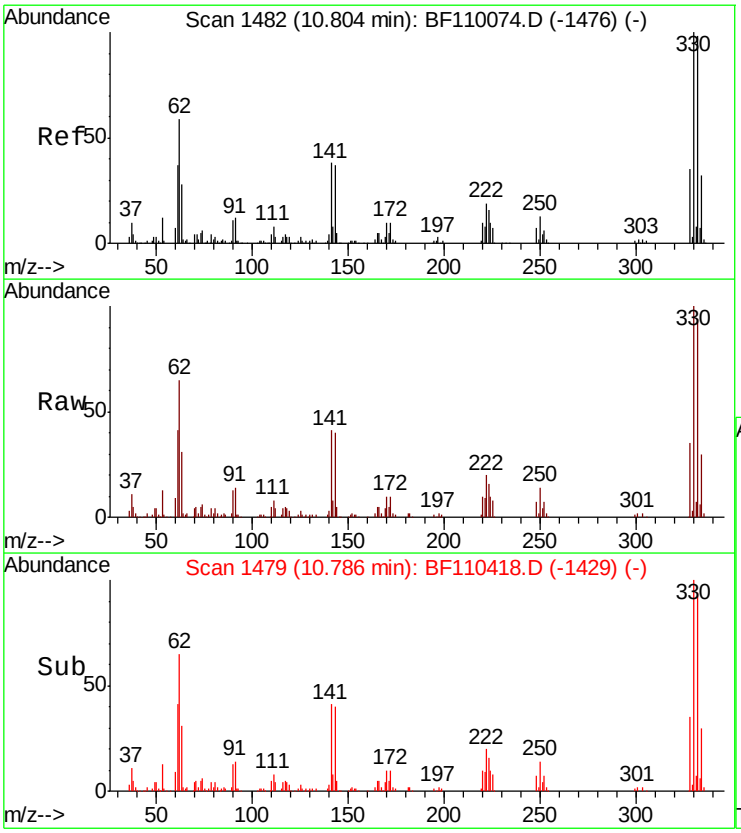
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 199239

Ion	Ratio	Lower	Upper
164	100		
162	105.3	83.0	124.6
160	46.4	37.0	55.6

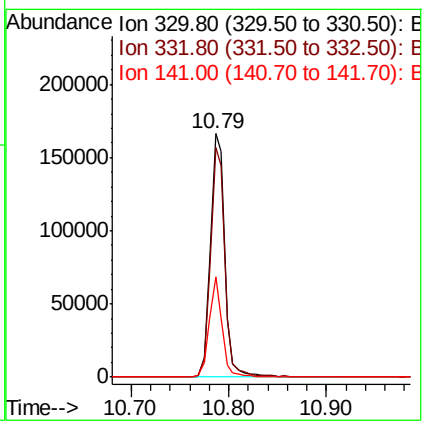


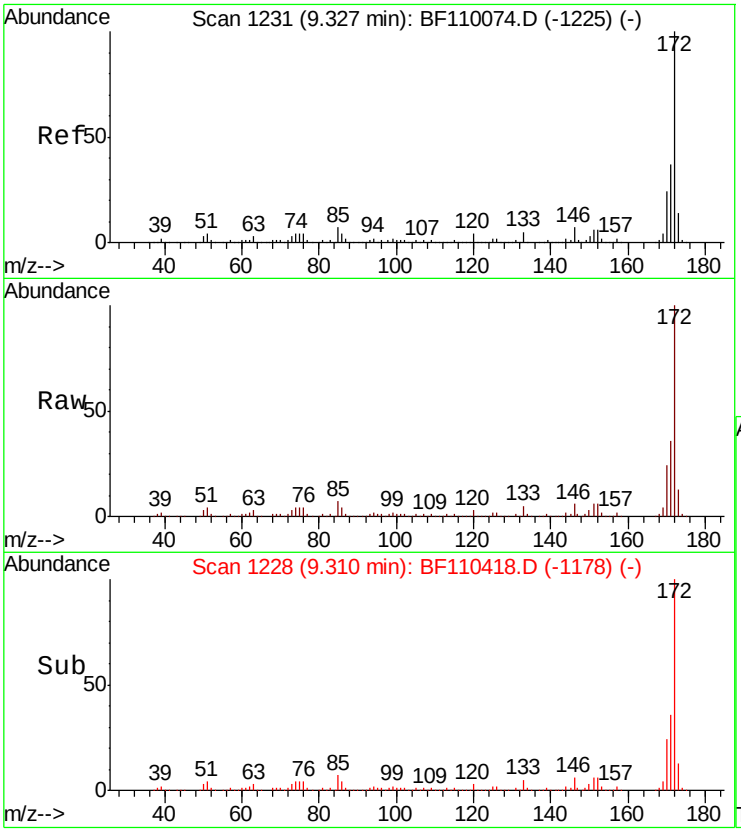


#42
2,4,6-Tribromophenol
Concen: 86.047 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Tgt Ion:330 Resp: 169822

Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.1	115.7
141	36.8	27.0	40.4



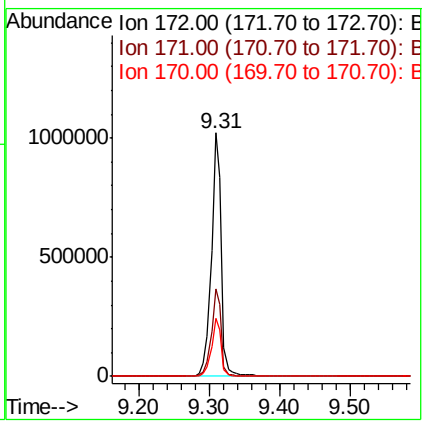


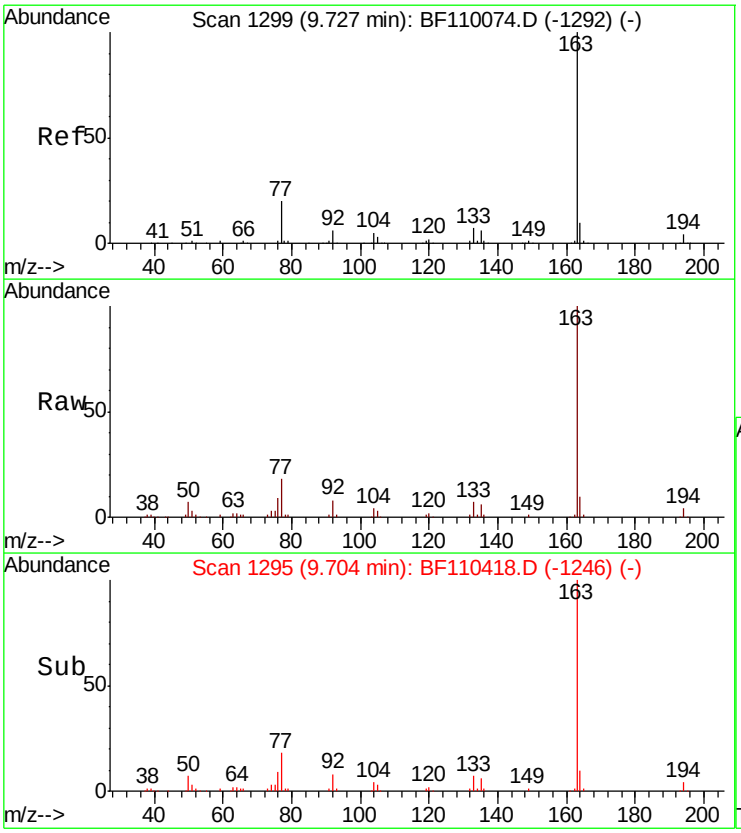
#45
2-Fluorobiphenyl
Concen: 79.303 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1006220

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.9	19.7	29.5

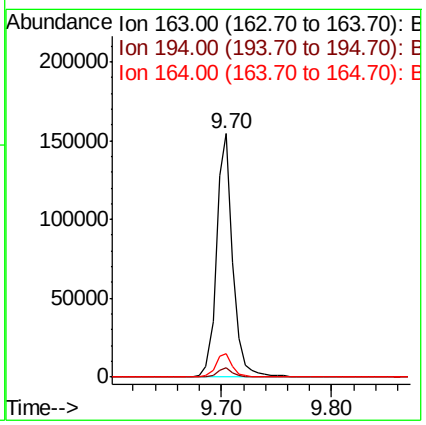


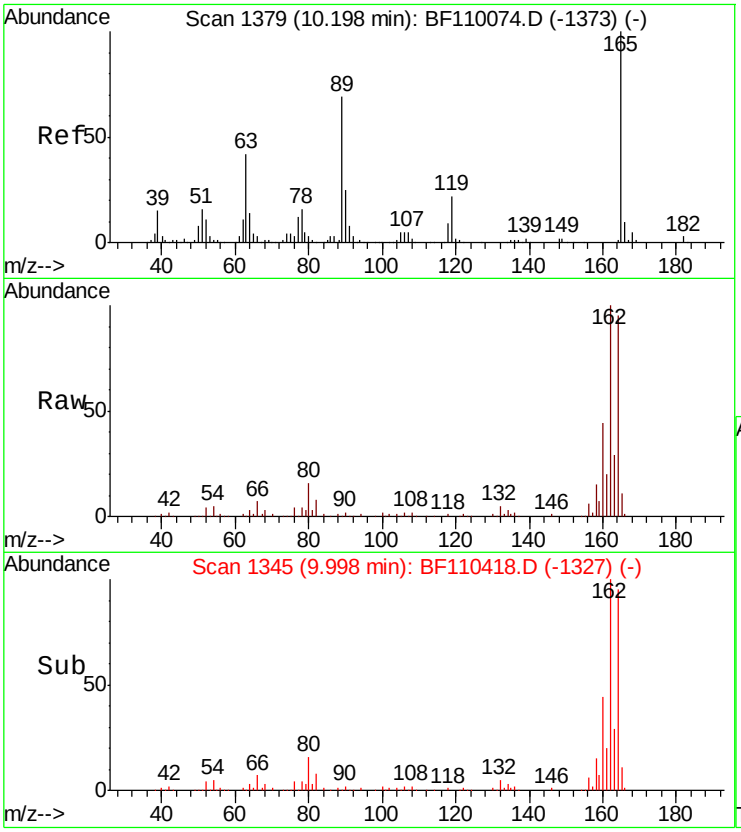


#50
Dimethylphthalate
Concen: 10.673 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Tgt Ion:163 Resp: 156967

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.8	8.1	12.1



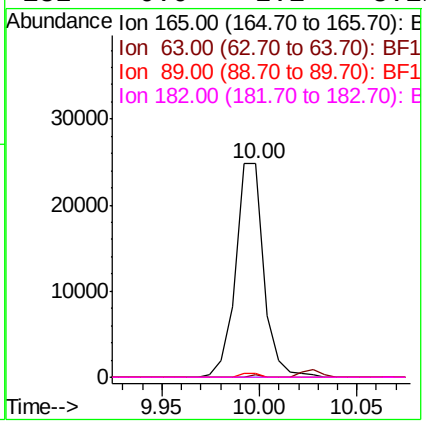


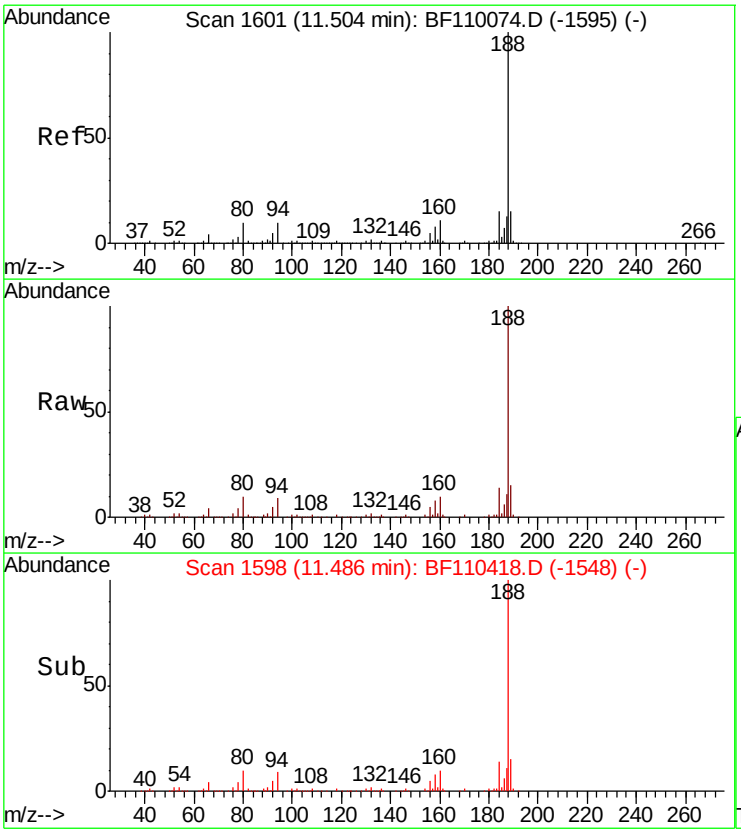
#57
2,4-Dinitrotoluene
Concen: 6.178 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.19 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24861

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.8	67.2#
89	1.5	62.2	93.4#
182	0.0	2.1	3.1#

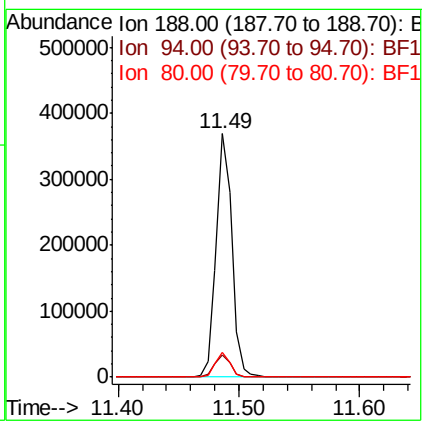


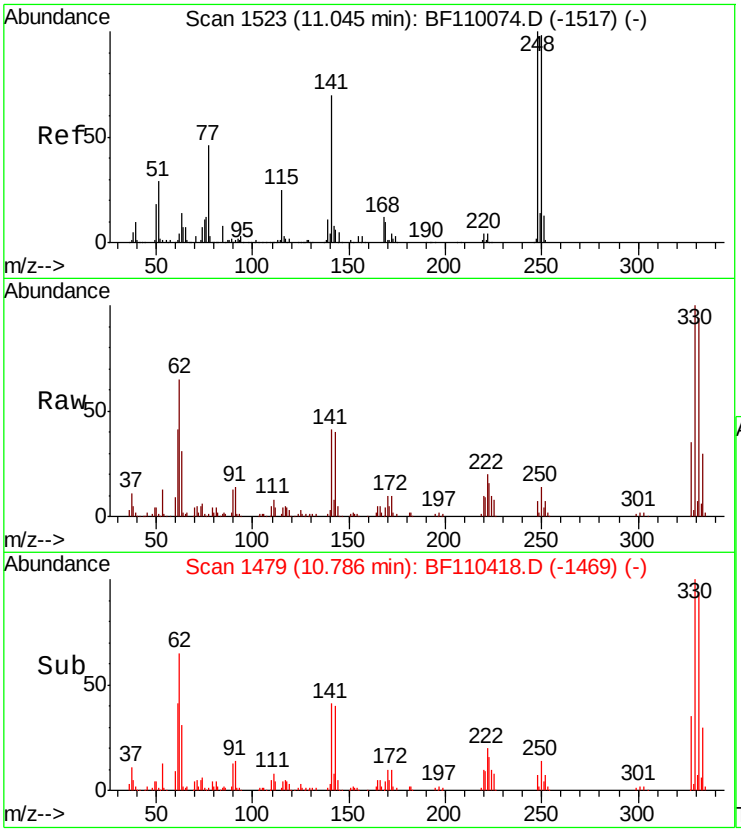


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Tgt Ion:188 Resp: 328685

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.9	7.9	11.9



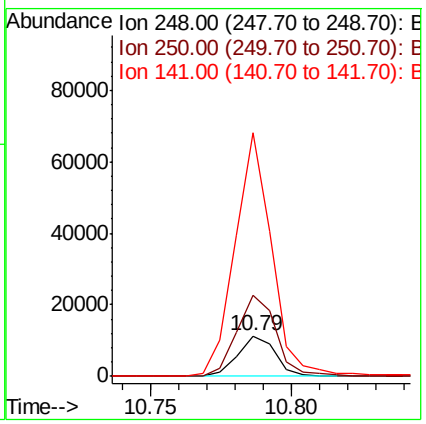


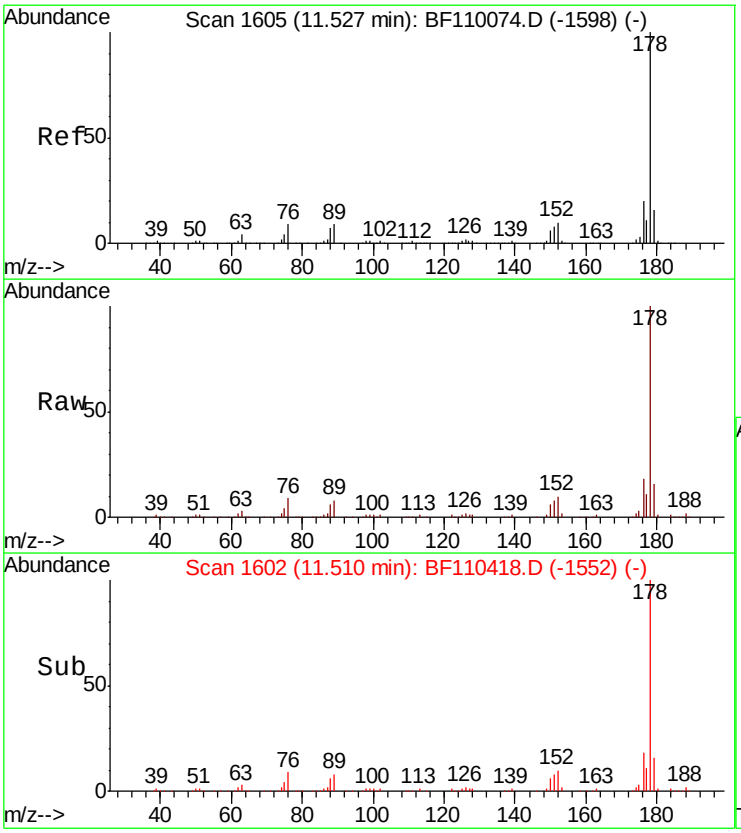
#67
4-Bromophenyl-phenylether
Concen: 2.918 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 10403

Ion	Ratio	Lower	Upper
248	100		
250	203.8	79.4	119.2#
141	607.5	55.9	83.9#

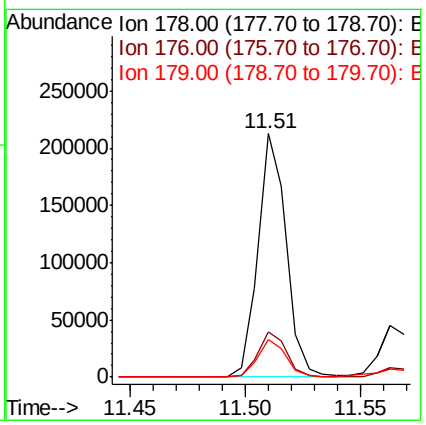


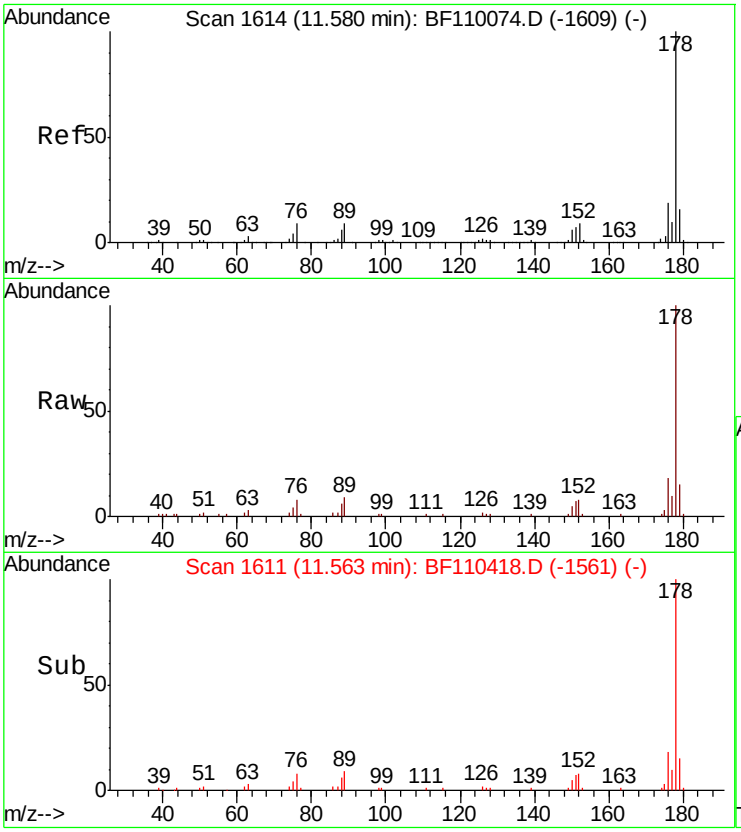


#71
Phenanthrene
Concen: 10.575 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Tgt Ion:178 Resp: 181869

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.5	23.3
179	15.6	12.5	18.7



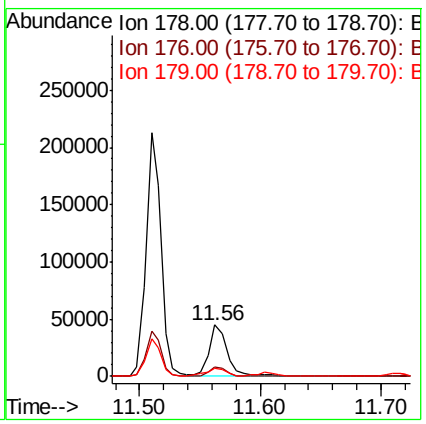


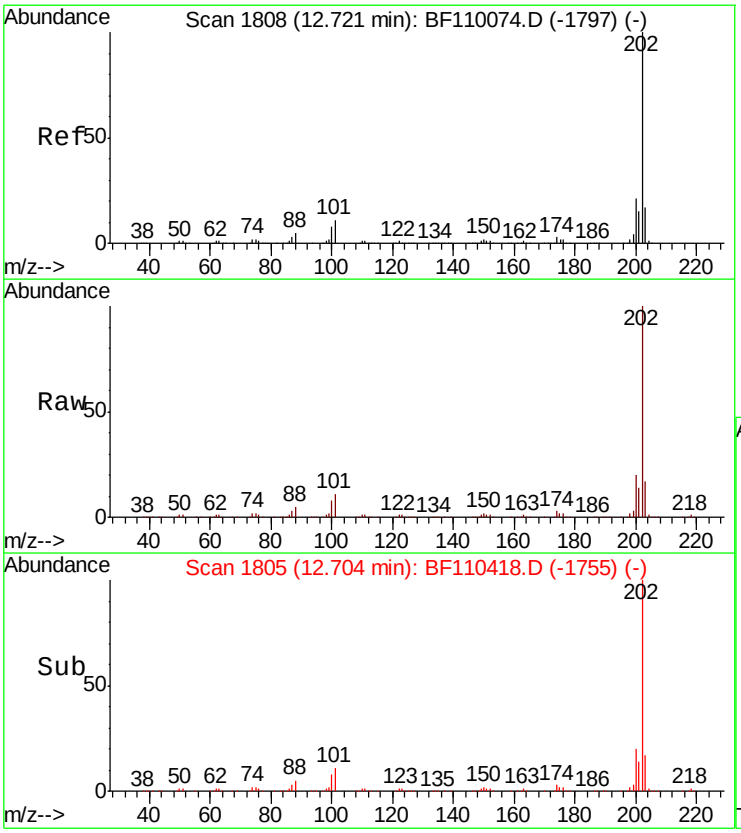
#72
Anthracene
Concen: 2.781 ng
RT: 11.56 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 47946

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.2
179	14.9	12.6	18.8

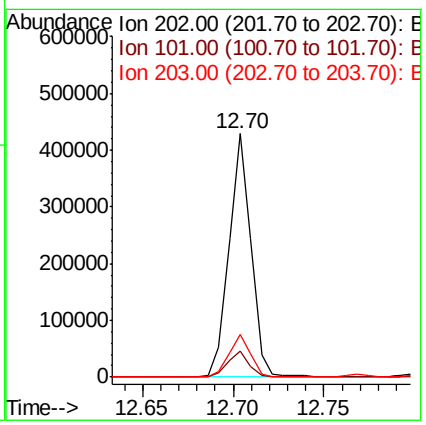


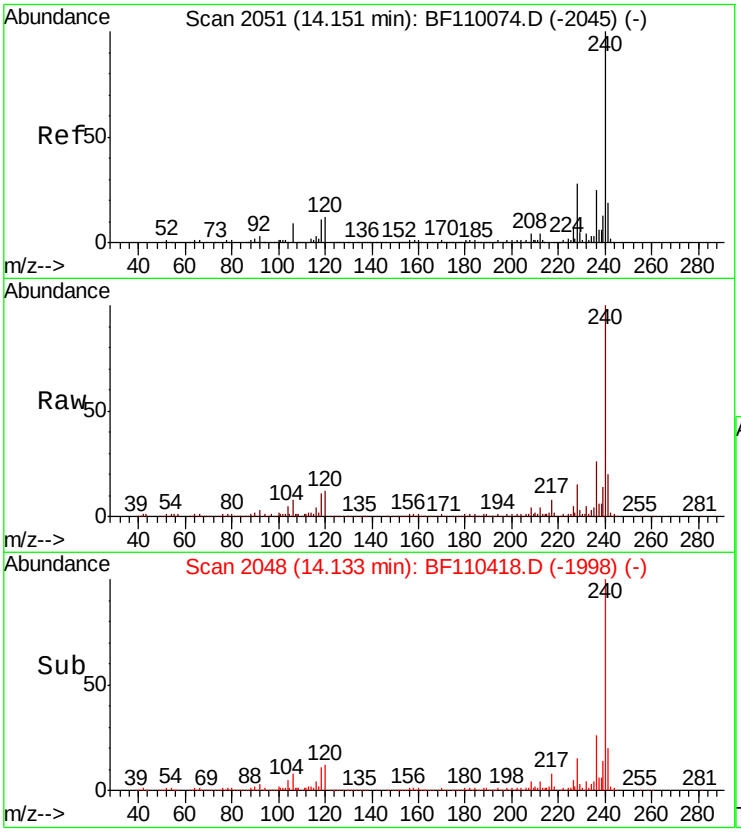


#75
Fluoranthene
Concen: 20.821 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Tgt Ion:202 Resp: 363416

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.4
203	17.3	0.0	37.7



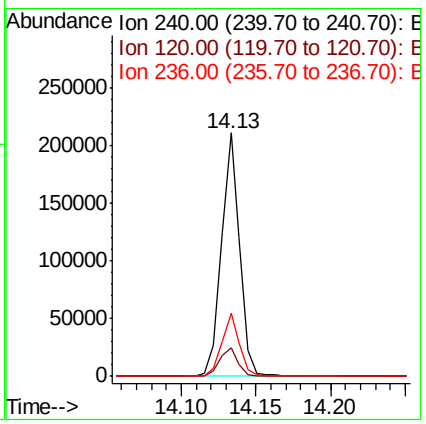


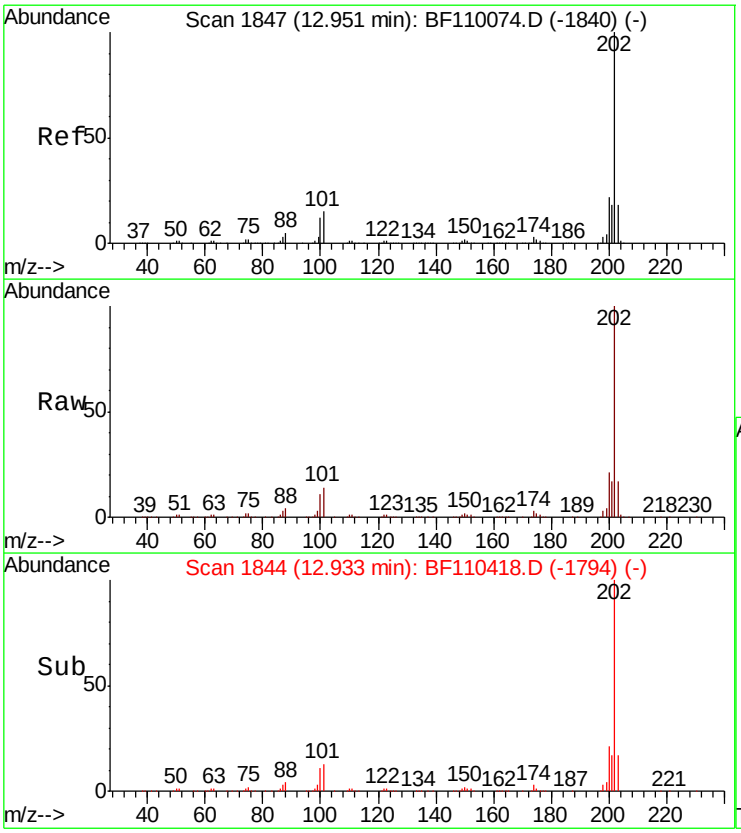
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 182176

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.3	12.5
236	26.1	21.2	31.8

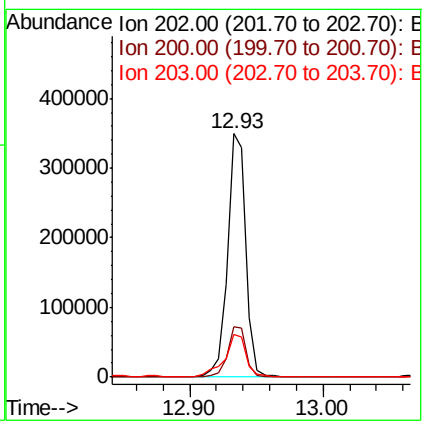


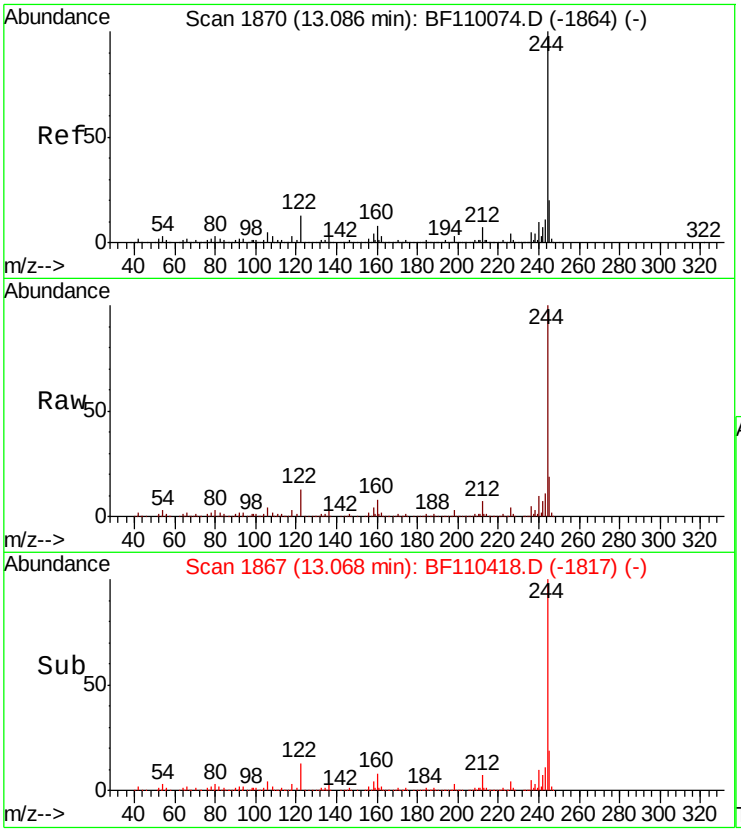


#78
Pyrene
Concen: 25.872 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Tgt Ion:202 Resp: 337895

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.8	26.6
203	17.3	14.2	21.4



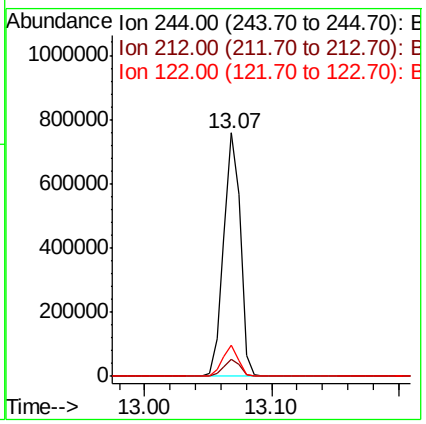


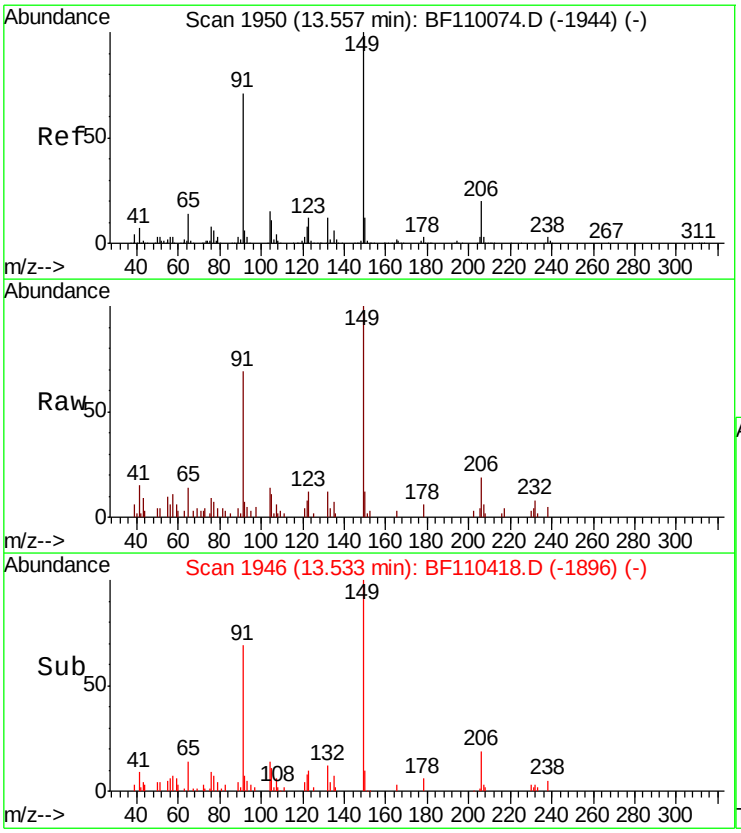
#79
Terphenyl-d14
Concen: 79.137 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 693212

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.7	8.7	13.1

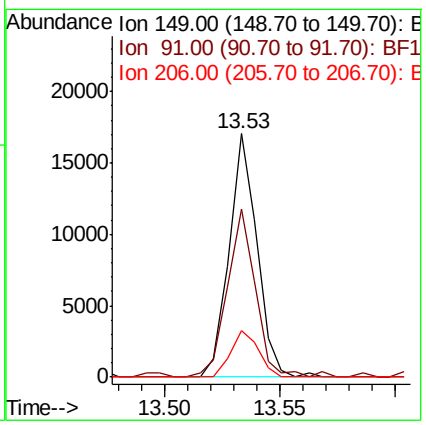


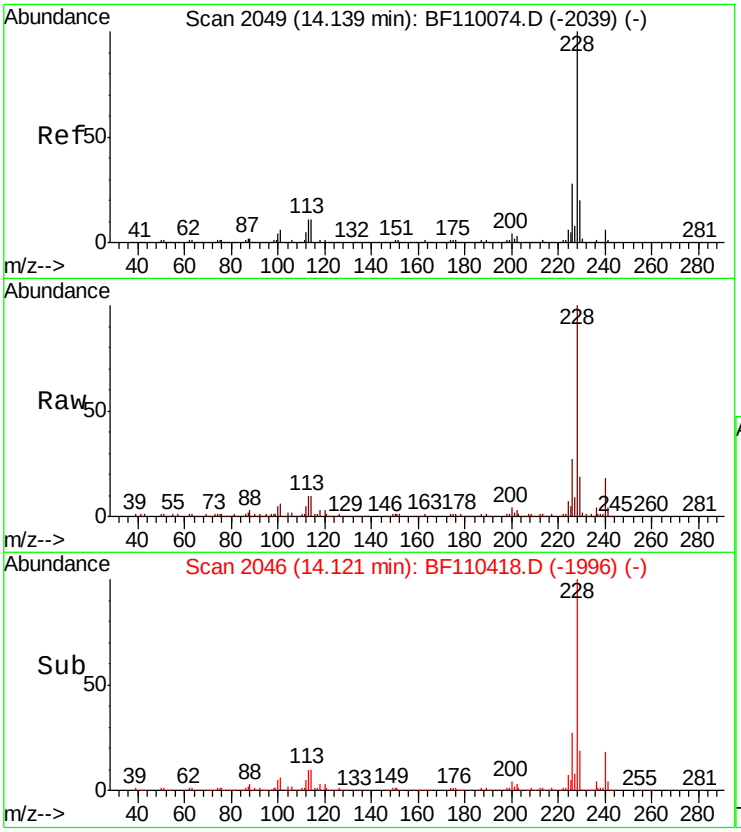


#80
Butylbenzylphthalate
Concen: 2.532 ng
RT: 13.53 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Tgt Ion:149 Resp: 14356

Ion	Ratio	Lower	Upper
149	100		
91	69.2	57.2	85.8
206	19.0	15.7	23.5



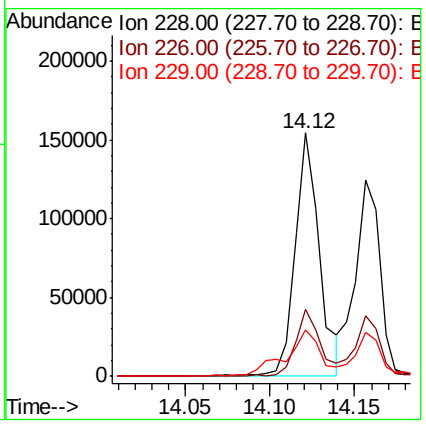


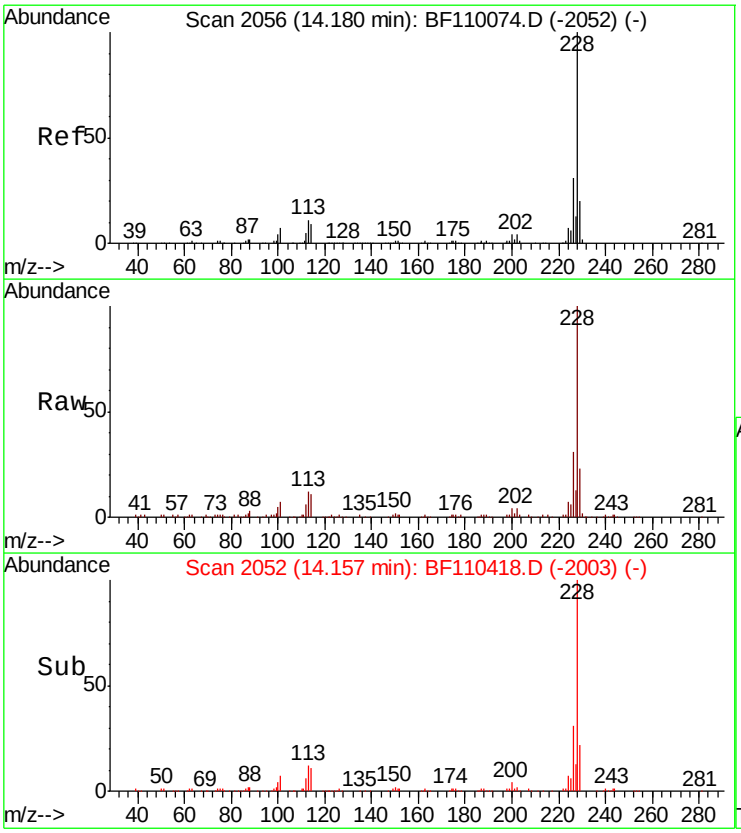
#81
Benzo(a)anthracene
Concen: 14.361 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 155153

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.1	33.1
229	18.9	15.6	23.4

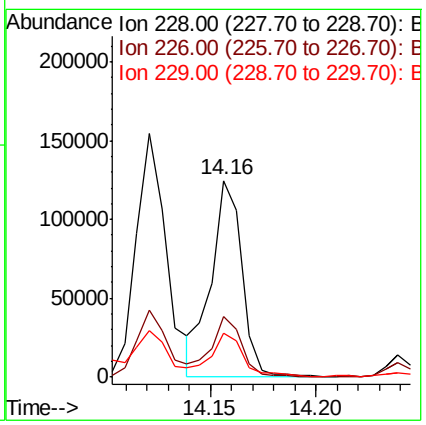


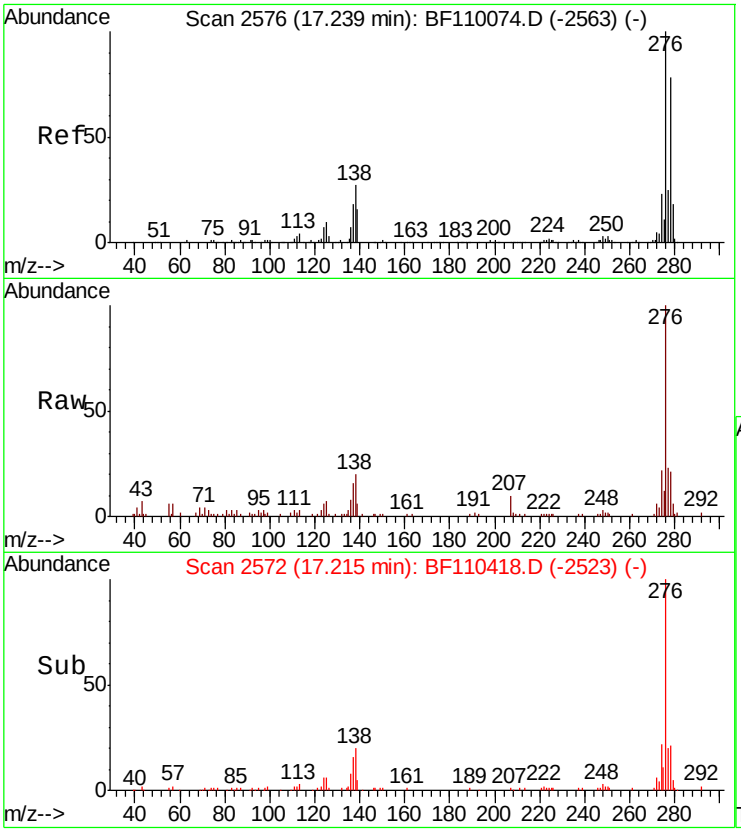


#83
Chrysene
Concen: 12.371 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Tgt Ion:228 Resp: 126936

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	22.6	15.9	23.9



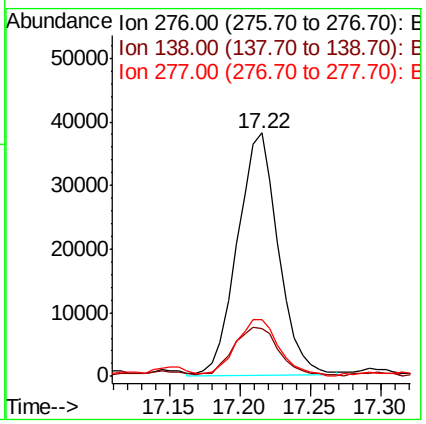


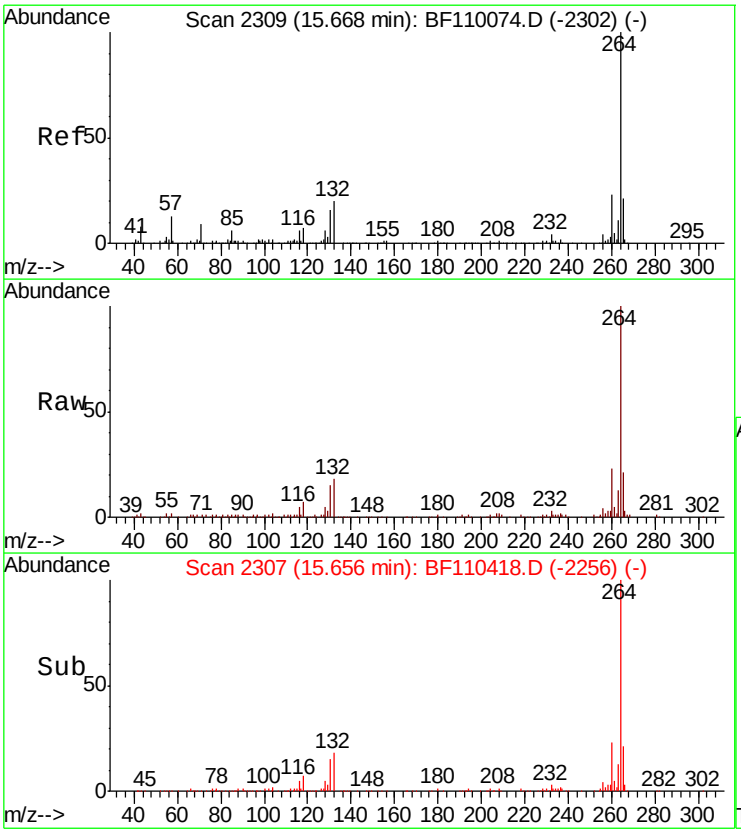
#86
Indeno(1,2,3-cd)pyrene
Concen: 9.078 ng
RT: 17.22 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 77279

Ion	Ratio	Lower	Upper
276	100		
138	23.3	18.5	27.7
277	24.9	20.0	30.0

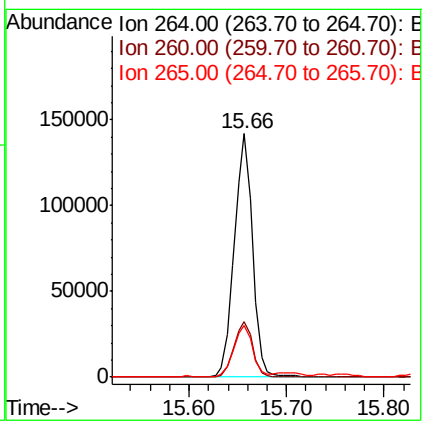


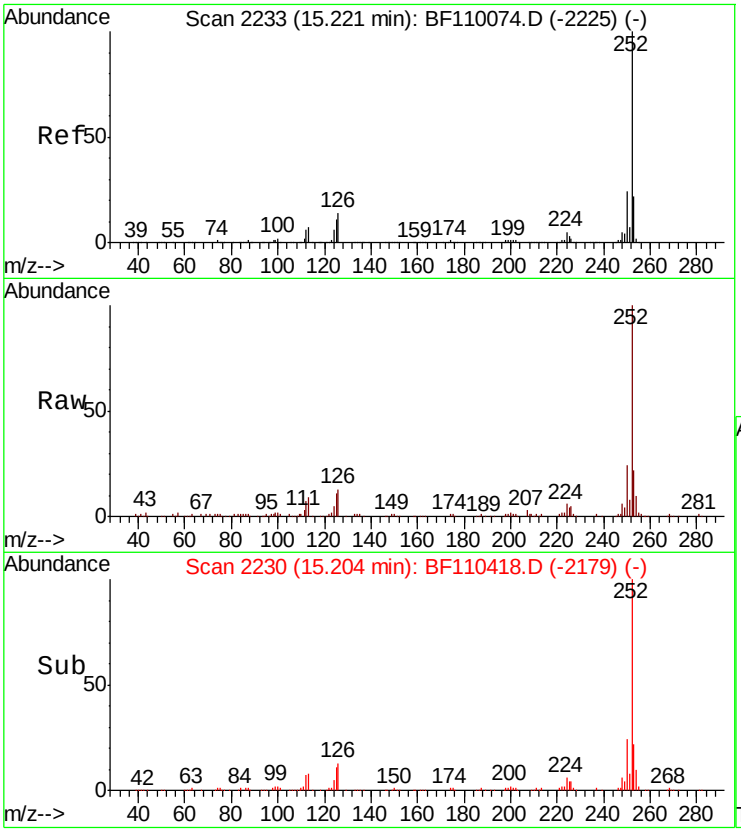


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Tgt Ion:264 Resp: 185088

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.4	16.7	25.1



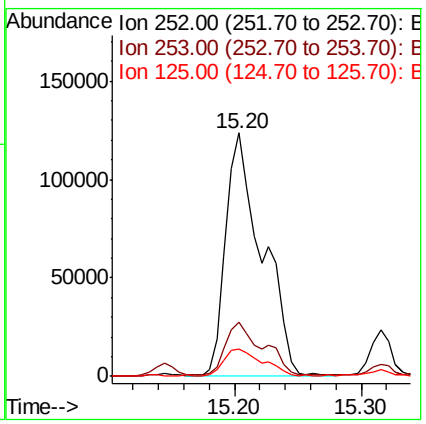


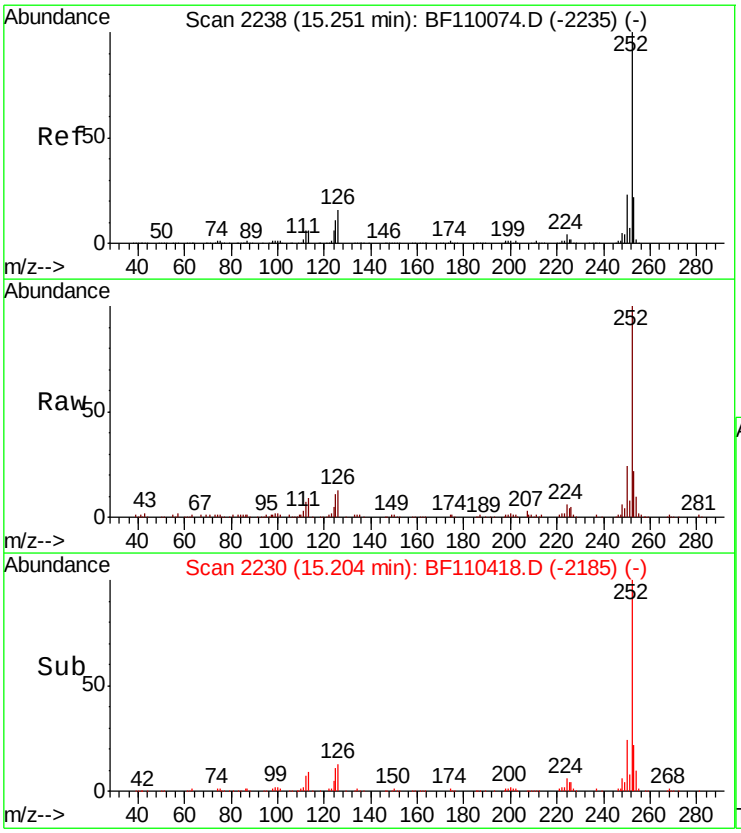
#88
Benzo(b)fluoranthene
Concen: 23.190 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 247862

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	11.1	8.2	12.4

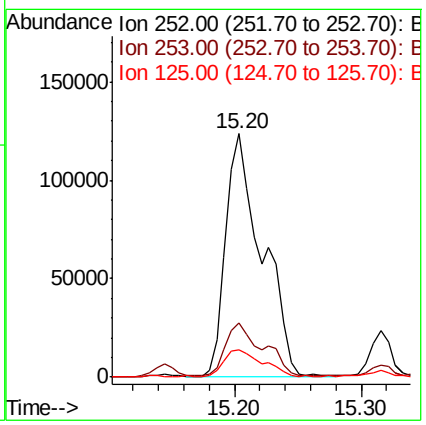


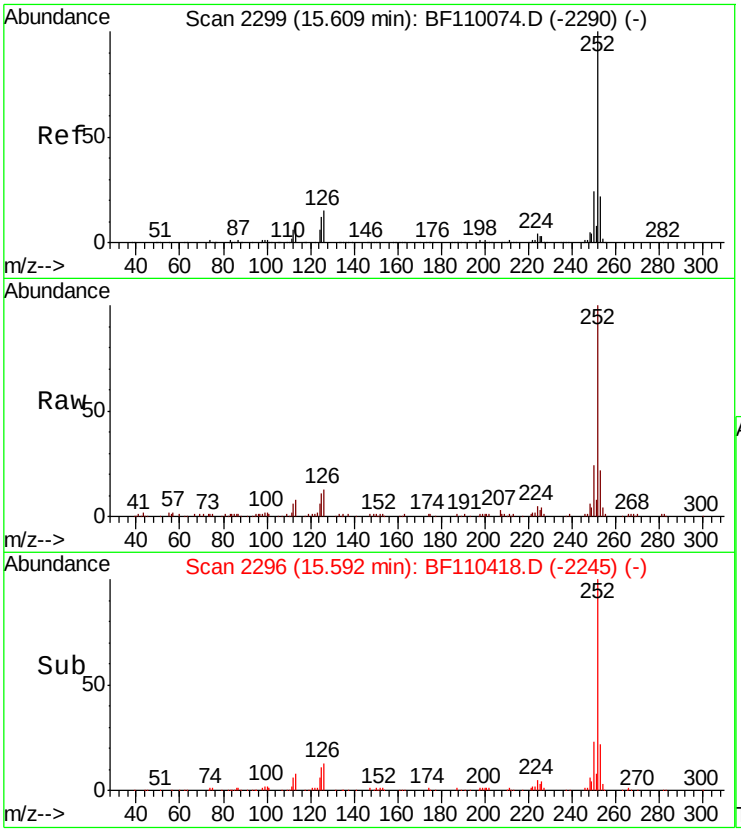


#89
Benzo(k)fluoranthene
Concen: 23.589 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Tgt Ion:252 Resp: 247862

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	11.1	7.4	11.0#



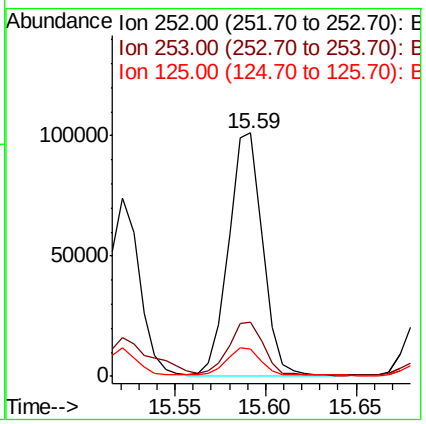


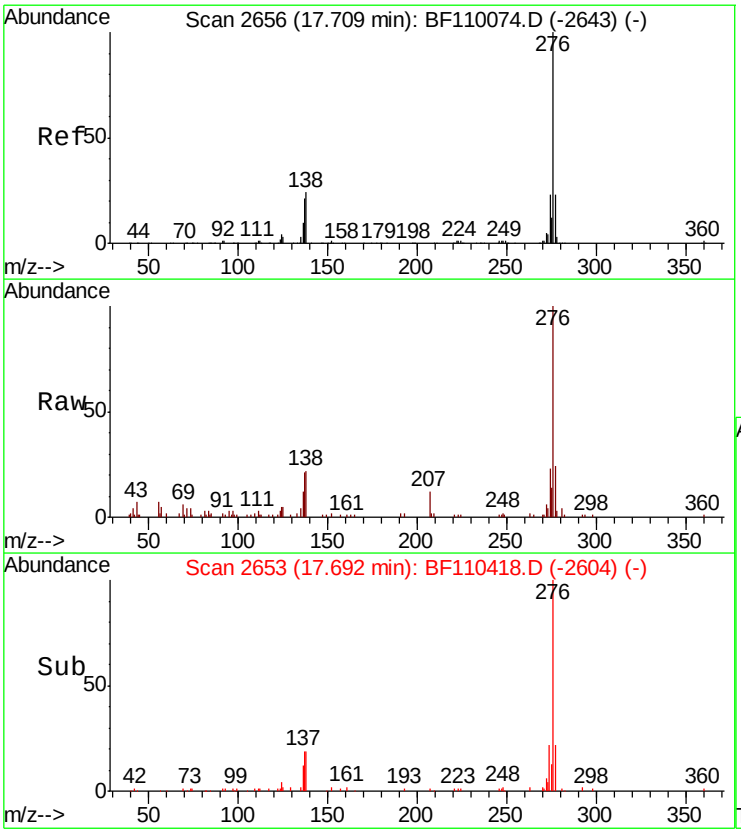
#90
Benzo(a)pyrene
Concen: 13.537 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 133130

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	11.1	9.0	13.6





#92
Benzo(g,h,i)perylene
Concen: 7.939 ng
RT: 17.69 min Scan# 2653
Delta R.T. -0.01 min
Lab File: BF110418.D
Acq: 2 Nov 2018 18:11

Tgt Ion:276 Resp: 66384

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.8	28.2
138	21.9	16.0	24.0