Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110408.D
Acq On : 2 Nov 2018 13:29
Operator : JU/SJ
Sample : J5759-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 02 22:55:45 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	73373	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	292235	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	127640	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	203819	20.00	ng		0.00
76) Chrysene-d12	14.13	240	157665	20.00	ng		0.00
87) Perylene-d12	15.66	264	151699	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	424056	94.12	ng		0.00
7) Phenol-d6	6.58	99	539366	93.59	ng		0.00
23) Nitrobenzene-d5	7.52	82	331491	67.28	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	104975	83.03	ng		0.00
45) 2-Fluorobiphenyl	9.31	172	525653	64.67	ng		0.00
79) Terphenyl-d14	13.07	244	378211	49.89	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.51	77	732	Below Cal		#	1
10) Phenol	6.59	94	34040	5.526	ng	#	73
19) n-Nitroso-di-n-propylamine	7.52	70	45350	12.266	ng	#	78
25) Isophorone	7.52	82	331488	39.470	ng	#	67
50) Dimethylphthalate	9.70	163	77004	8.173	ng		99
57) 2,4-Dinitrotoluene	9.99	165	16057	6.229	ng	#	18
67) 4-Bromophenyl-phenylether	10.79	248	6838	3.093	ng	#	1
71) Phenanthrene	11.51	178	139313	13.063	ng		99
72) Anthracene	11.56	178	44990	4.209	ng		98
75) Fluoranthene	12.70	202	312554	28.877	ng		99
78) Pyrene	12.94	202	298287	26.390	ng		98
81) Benzo(a)anthracene	14.12	228	182074	19.473	ng		99
83) Chrysene	14.16	228	163480	18.409	ng		98
86) Indeno(1,2,3-cd)pyrene	17.22	276	77381	10.503	ng		98
88) Benzo(b)fluoranthene	15.20	252	294439	33.612	ng		98
89) Benzo(k)fluoranthene	15.20	252	294439	34.189	ng	#	97
90) Benzo(a)pyrene	15.59	252	168543	20.909	ng		99
91) Dibenzo(a,h)anthracene	17.40	278	19751	2.840	ng		97
92) Benzo(g,h,i)perylene	17.70	276	70858	10.339	ng		98

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

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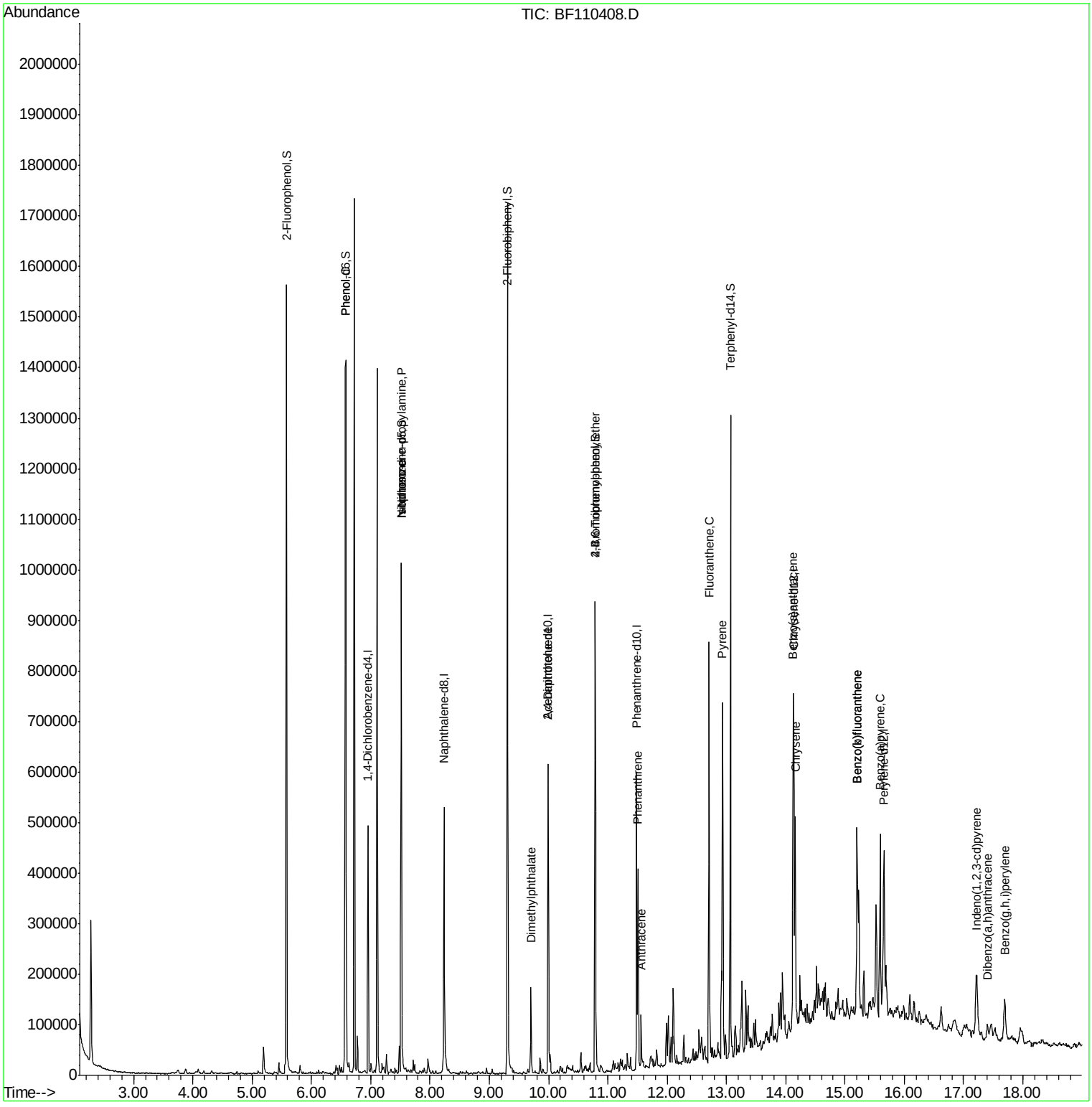
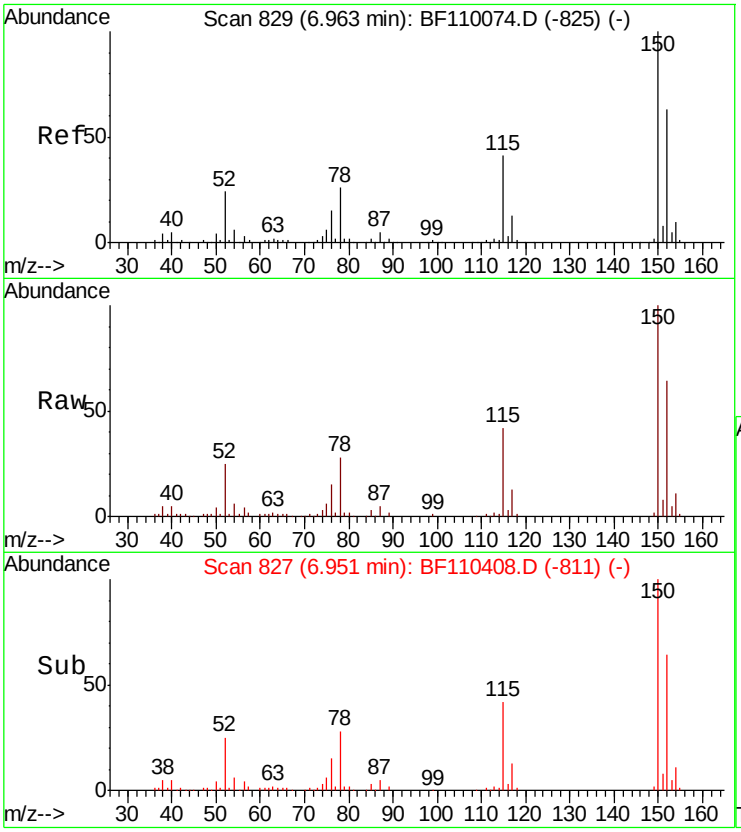


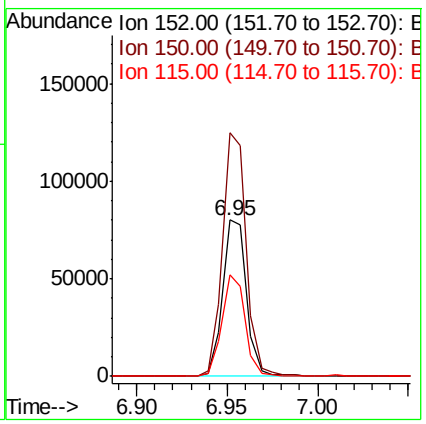


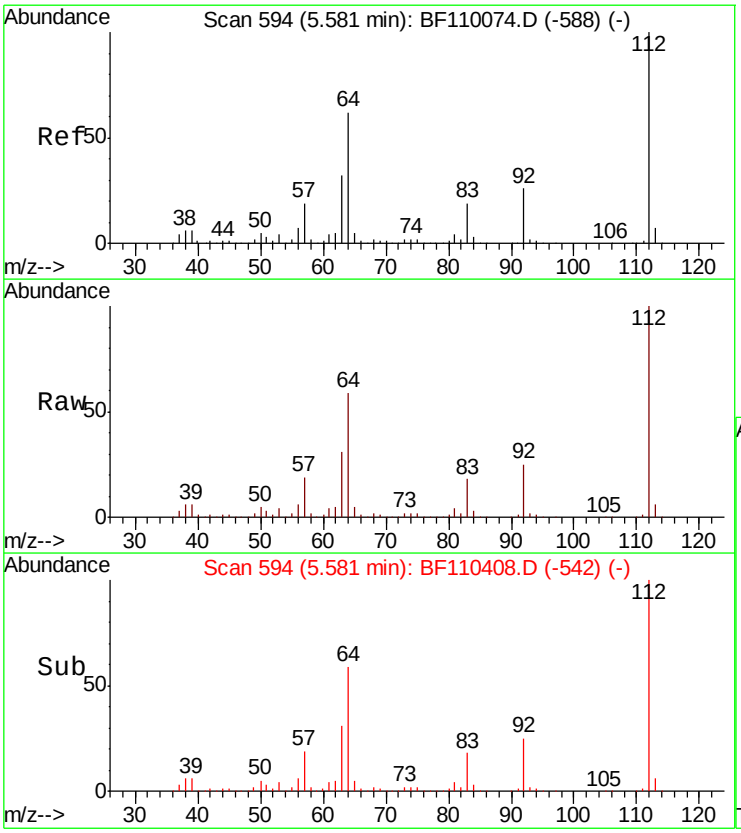
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 73373

Ion	Ratio	Lower	Upper
152	100		
150	156.1	122.7	184.1
115	65.1	49.1	73.7

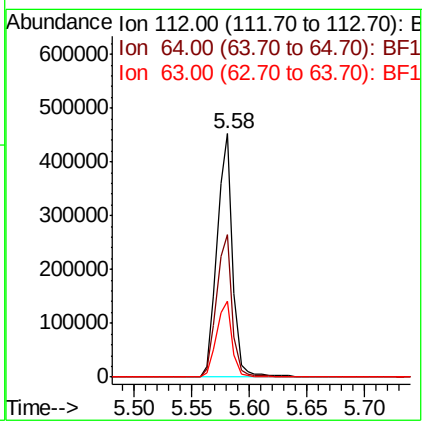


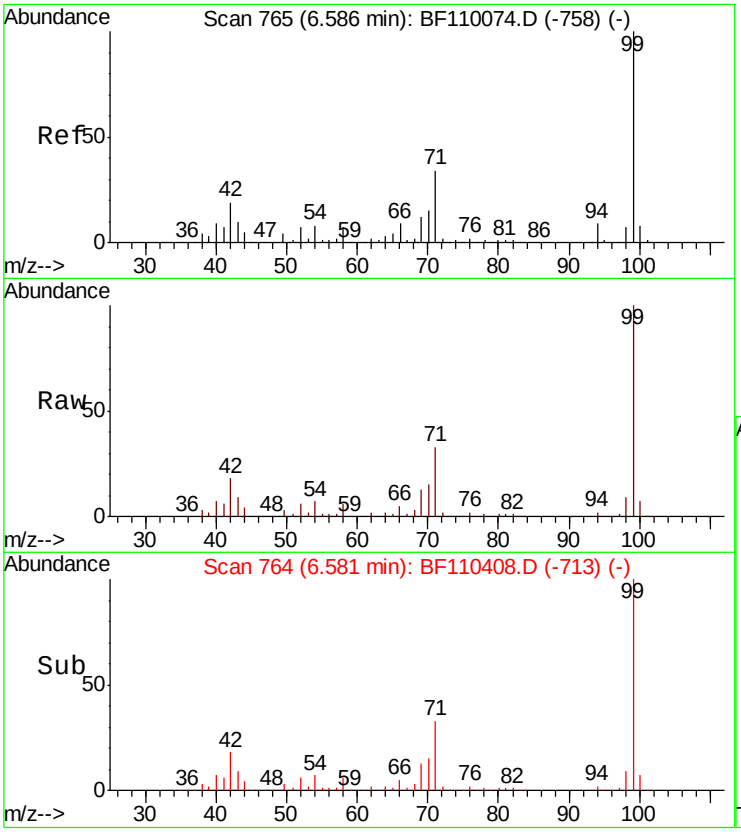


#5
2-Fluorophenol
Concen: 94.116 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Tgt Ion:112 Resp: 424056

Ion	Ratio	Lower	Upper
112	100		
64	58.7	44.1	66.1
63	31.4	23.7	35.5



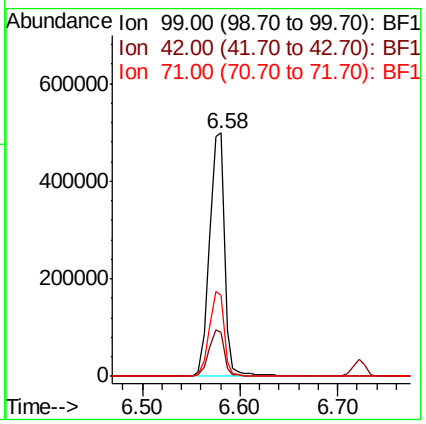


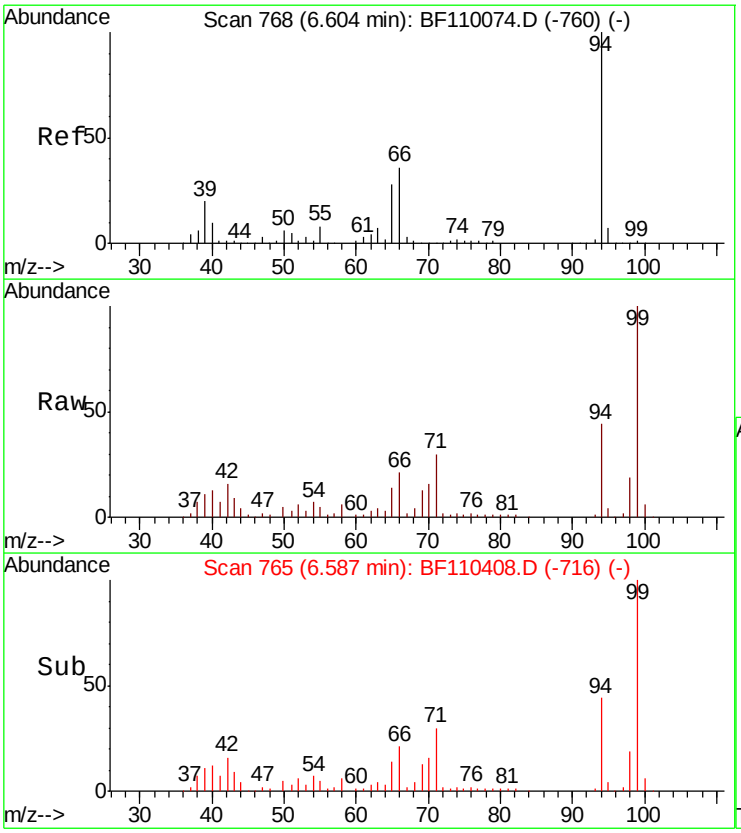
#7
Phenol-d6
Concen: 93.589 ng
RT: 6.58 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 539366

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.8	23.6
71	33.3	28.0	42.0

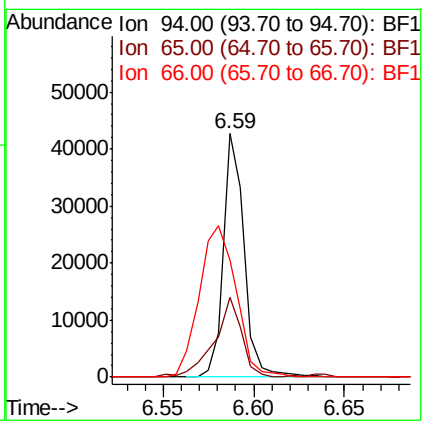


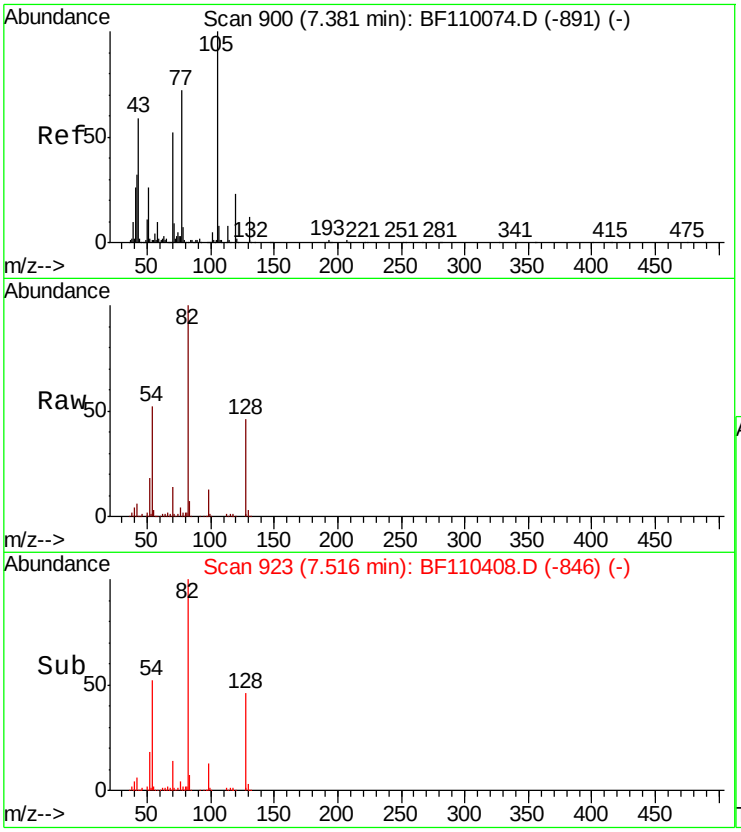


#10
Phenol
Concen: 5.526 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Tgt Ion: 94 Resp: 34040

Ion	Ratio	Lower	Upper
94	100		
65	32.7	25.3	65.3
66	48.0	54.5	94.5#



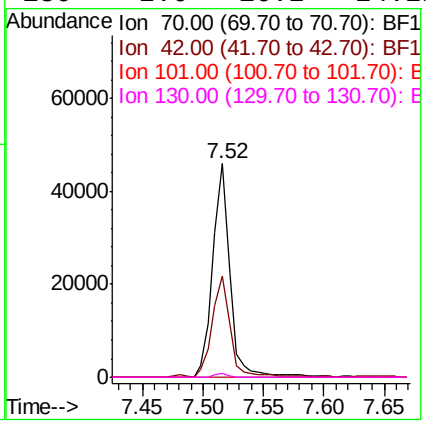


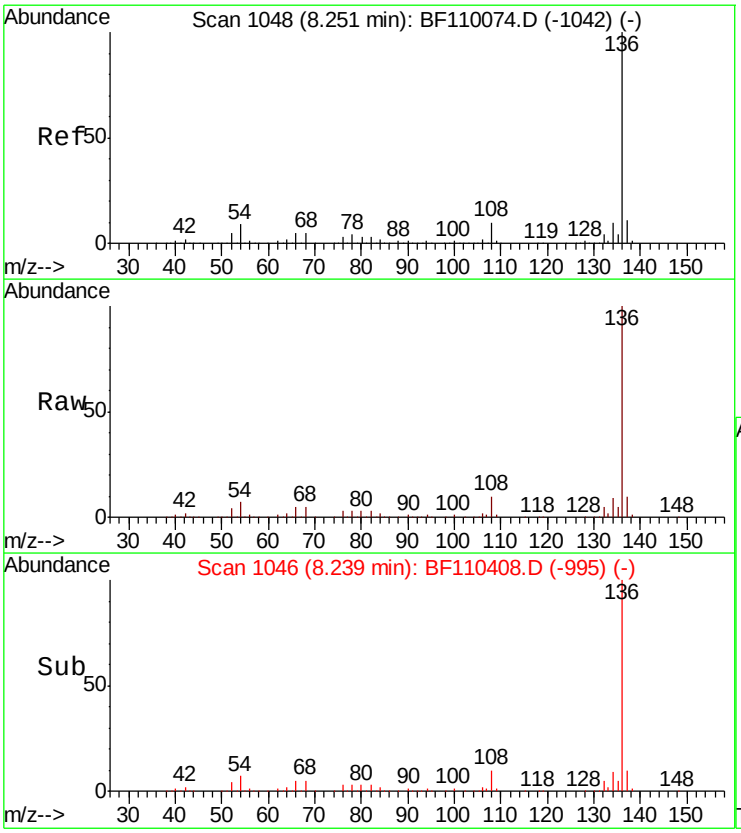
#19
n-Nitroso-di-n-propylamine
Concen: 12.266 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 45350

Ion	Ratio	Lower	Upper
70	100		
42	47.2	47.4	71.2#
101	0.0	7.3	10.9#
130	2.0	16.2	24.2#

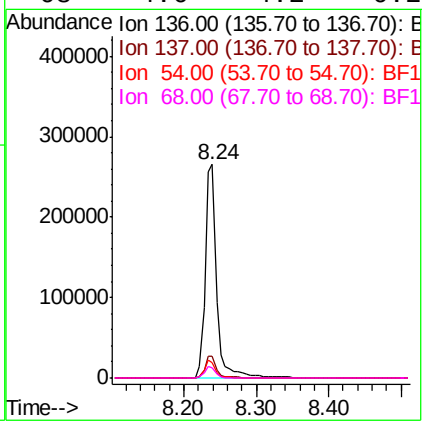


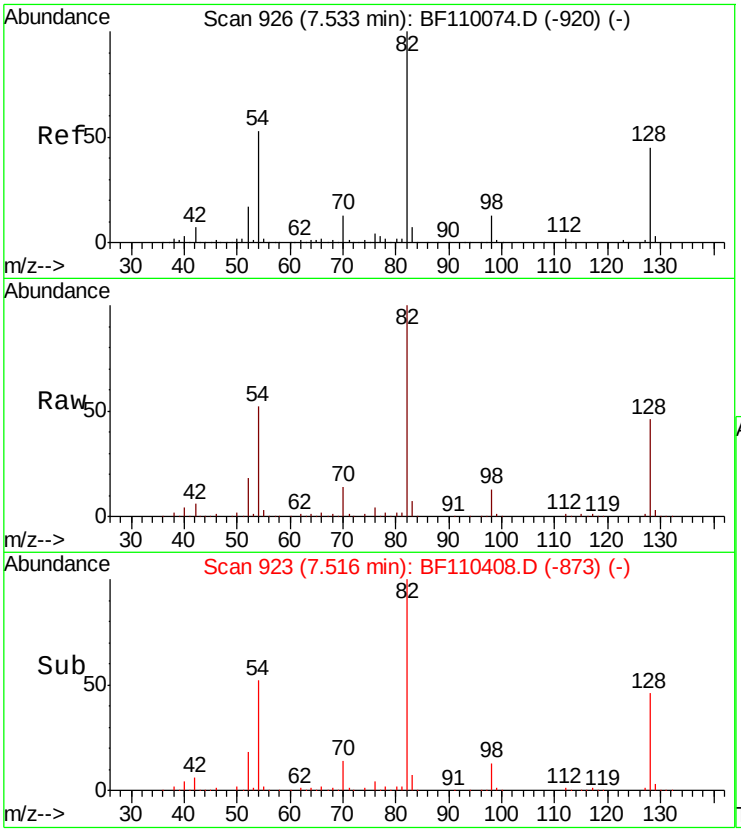


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Tgt Ion:136 Resp: 292235

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	7.3	5.4	8.2
68	4.6	4.2	6.2



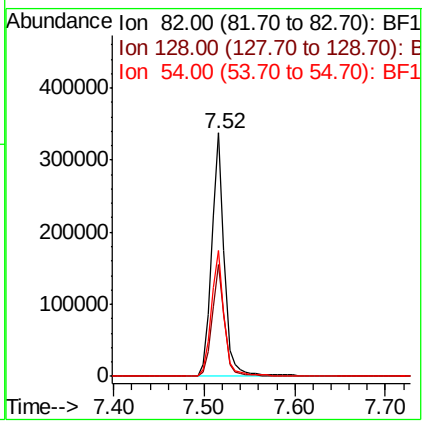


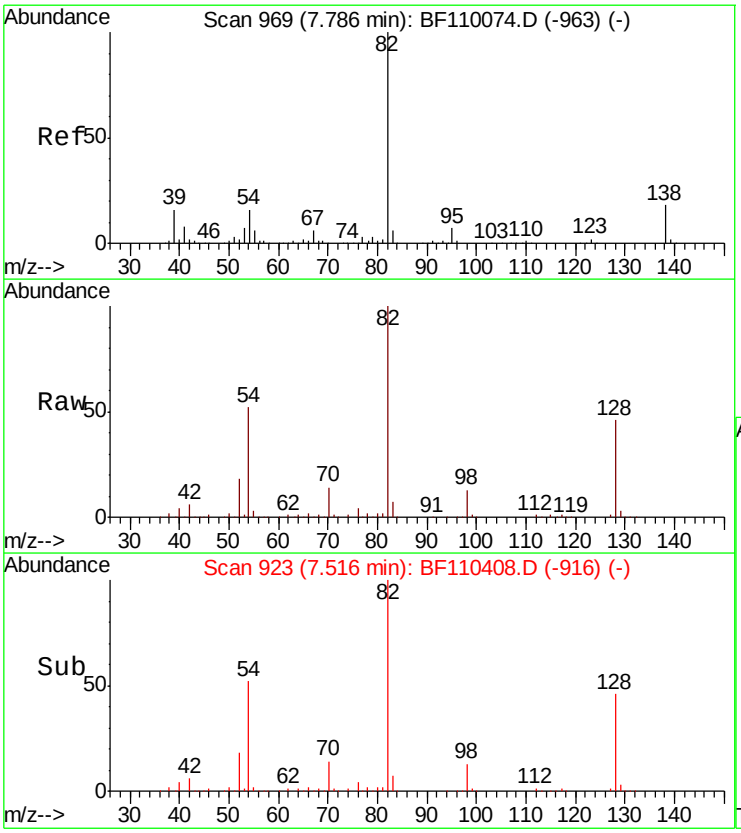
#23
Nitrobenzene-d5
Concen: 67.281 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 331491

Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.2	51.2
54	51.6	38.6	58.0

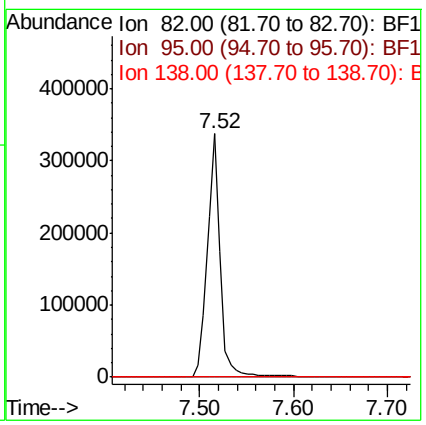


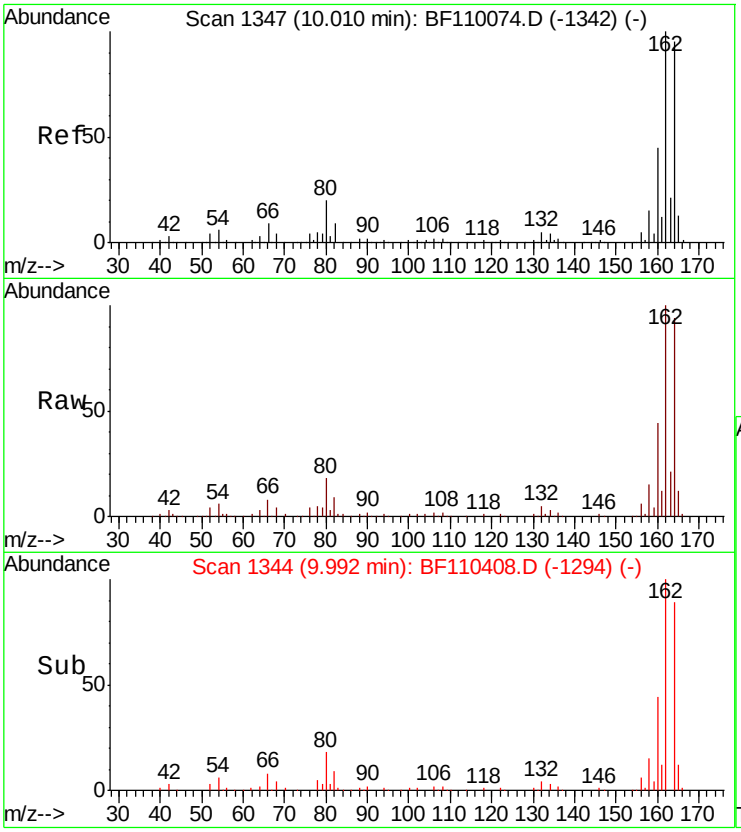


#25
Isophorone
Concen: 39.470 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.26 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Tgt Ion: 82 Resp: 331488

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



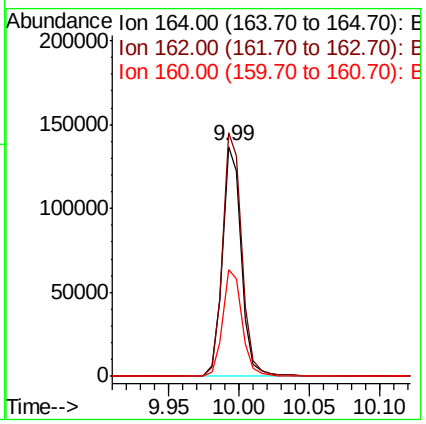


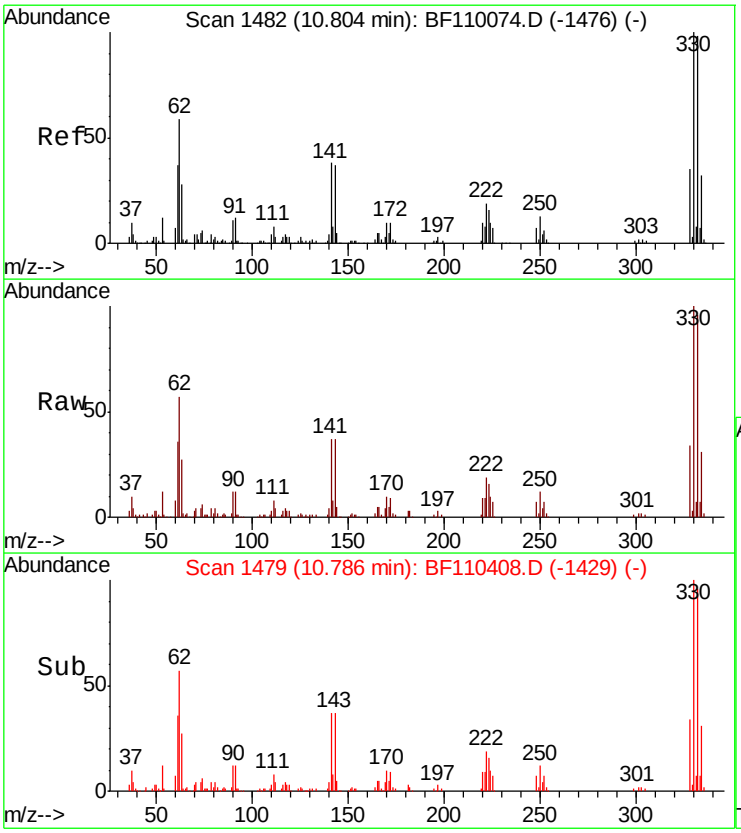
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 127640

Ion	Ratio	Lower	Upper
164	100		
162	105.9	83.0	124.6
160	46.3	37.0	55.6

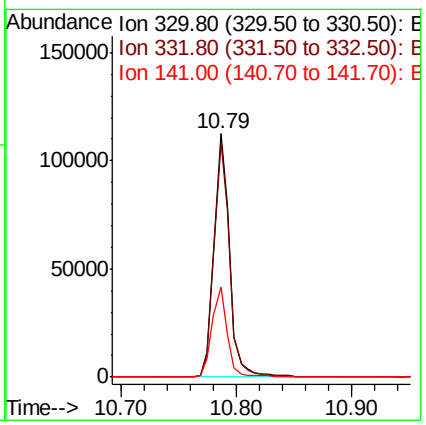


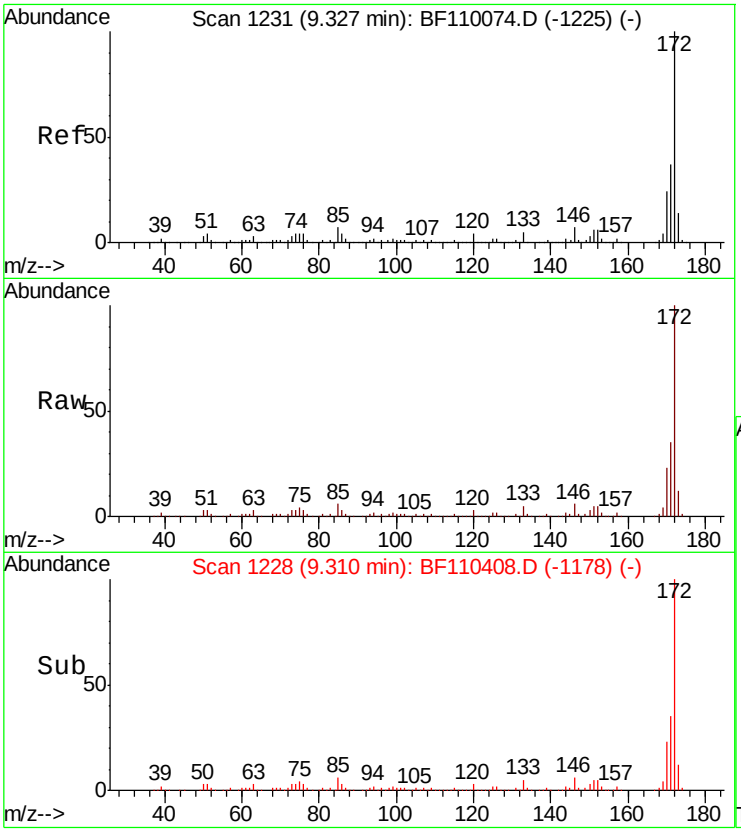


#42
2,4,6-Tribromophenol
Concen: 83.026 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Tgt Ion:330 Resp: 104975

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.1	115.7
141	37.0	27.0	40.4



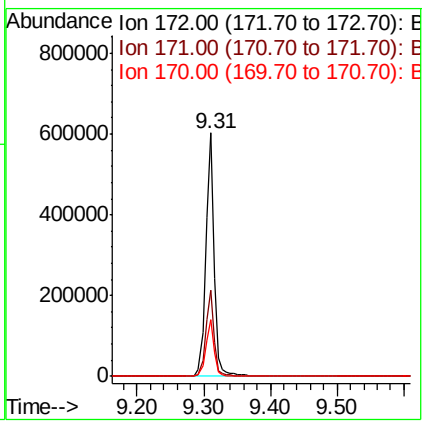


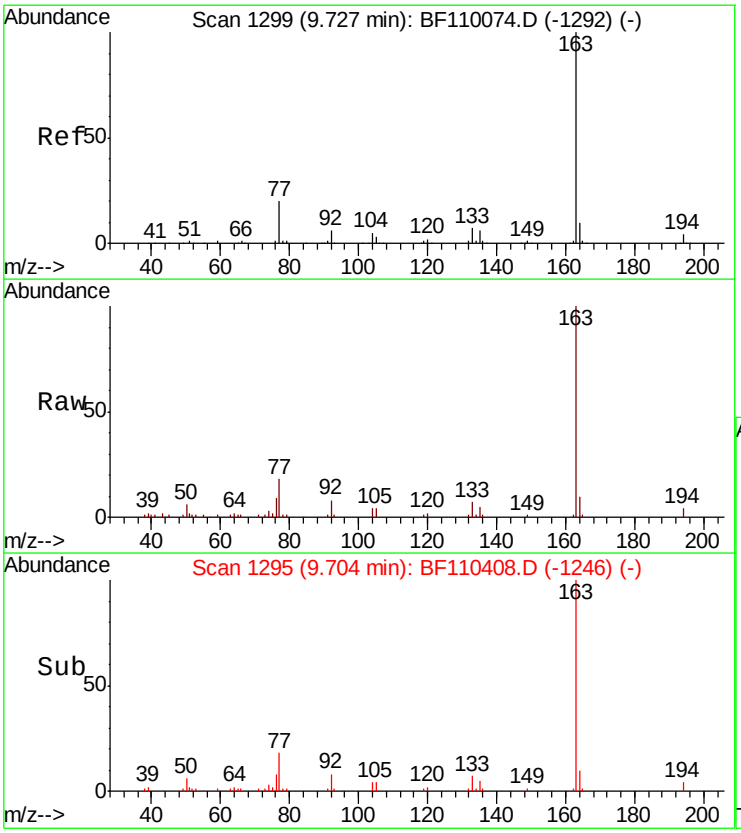
#45
2-Fluorobiphenyl
Concen: 64.667 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 525653

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.2	19.7	29.5

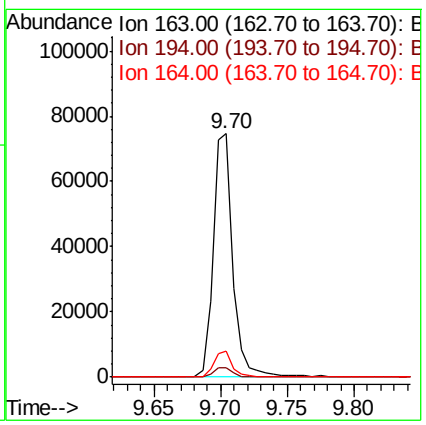


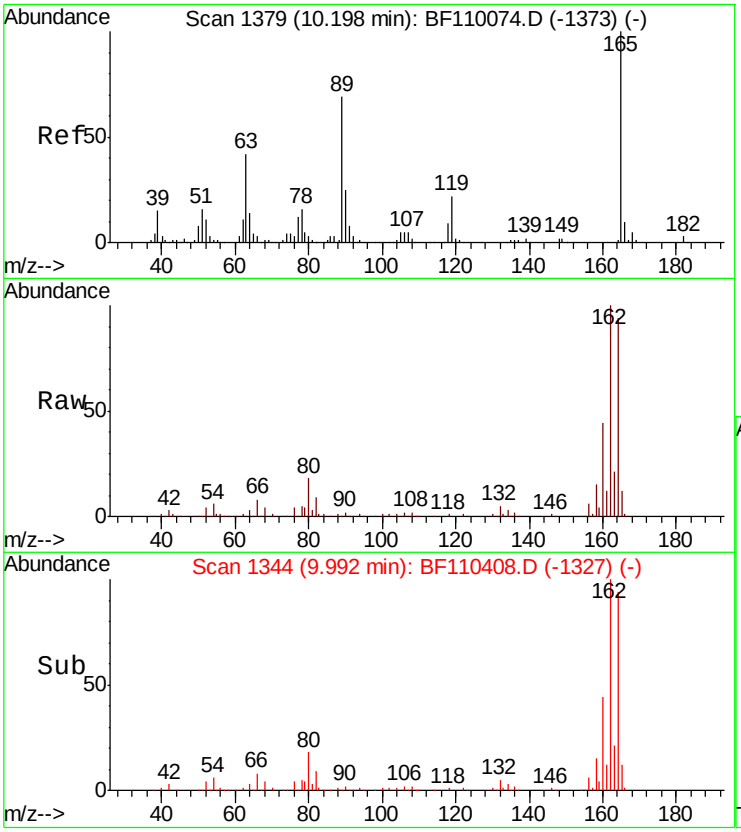


#50
Dimethylphthalate
Concen: 8.173 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Tgt Ion:163 Resp: 77004

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.5	8.1	12.1



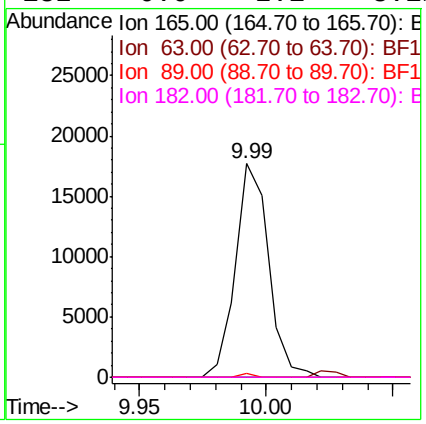


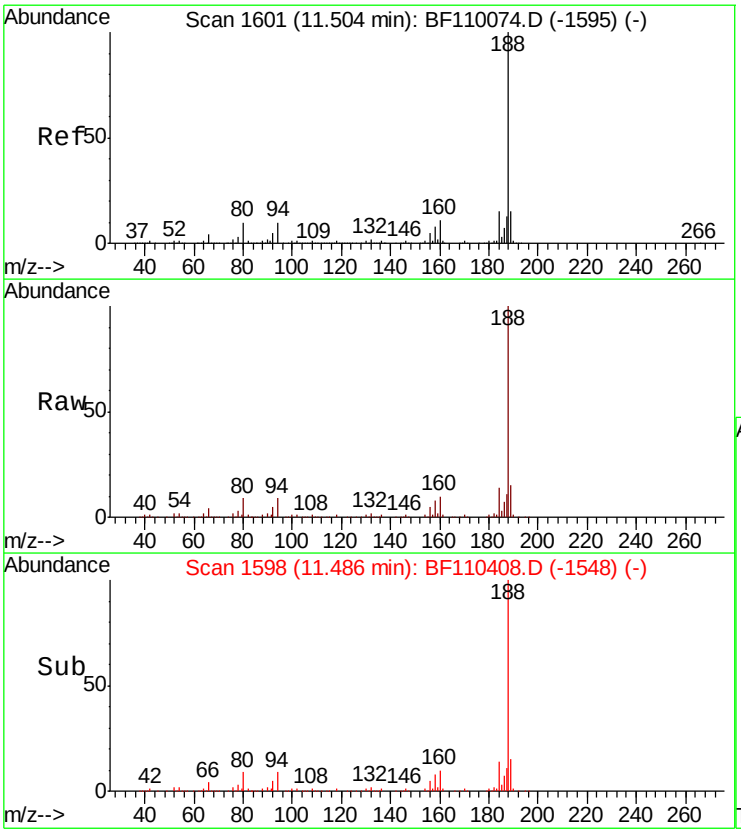
#57
2,4-Dinitrotoluene
Concen: 6.229 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 16057

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.7	62.2	93.4#
182	0.0	2.1	3.1#

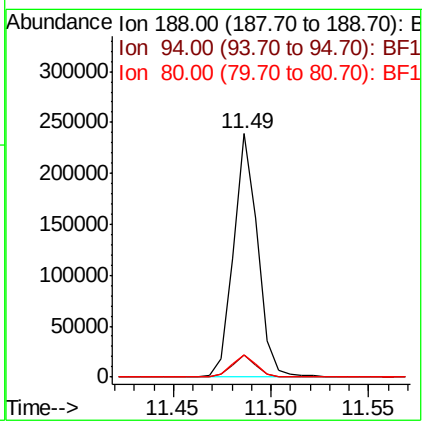


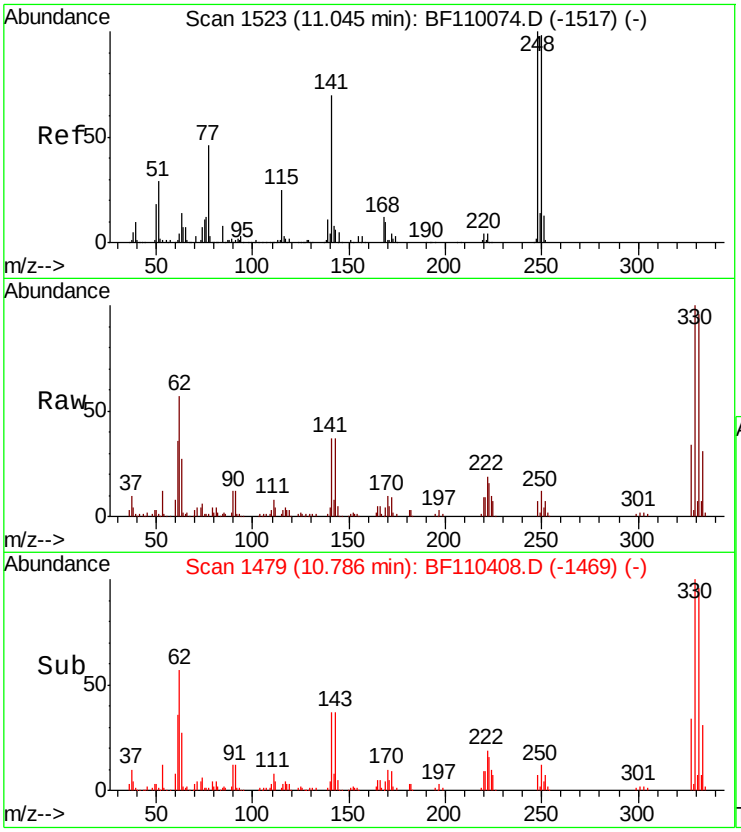


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Tgt Ion:188 Resp: 203819

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.3	7.9	11.9



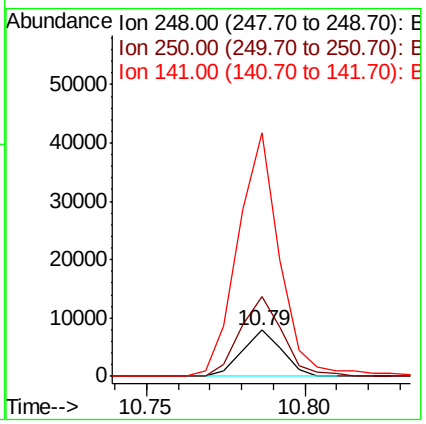


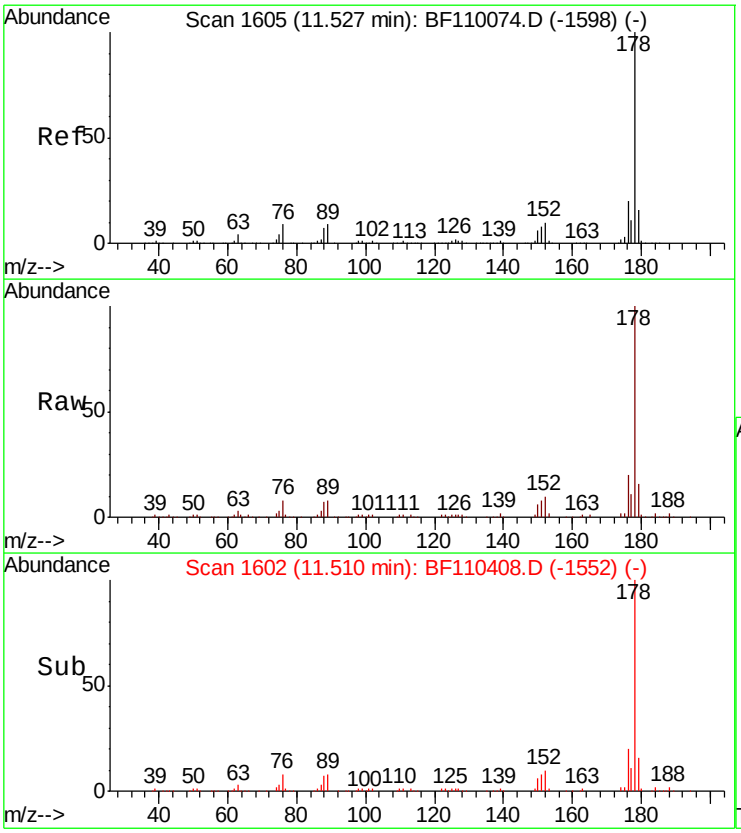
#67
4-Bromophenyl-phenylether
Concen: 3.093 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 6838

Ion	Ratio	Lower	Upper
248	100		
250	172.3	79.4	119.2#
141	525.3	55.9	83.9#

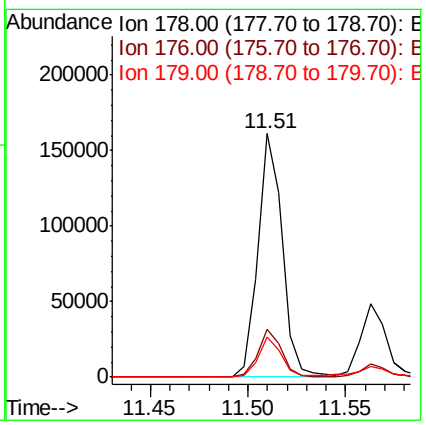


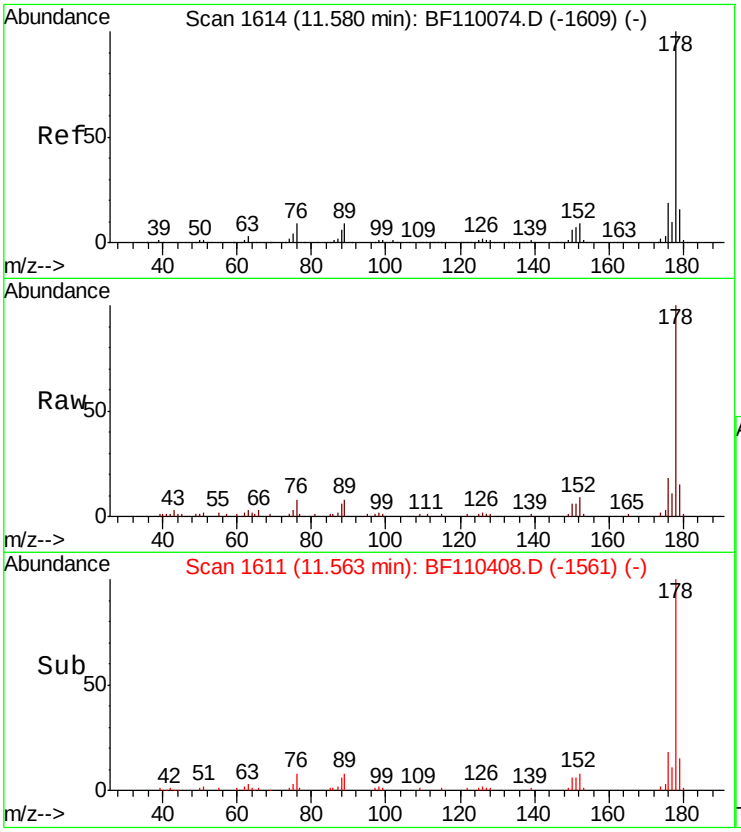


#71
Phenanthrene
Concen: 13.063 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Tgt Ion:178 Resp: 139313

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	16.3	12.5	18.7



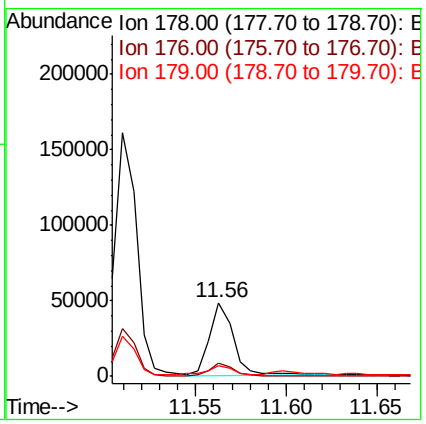


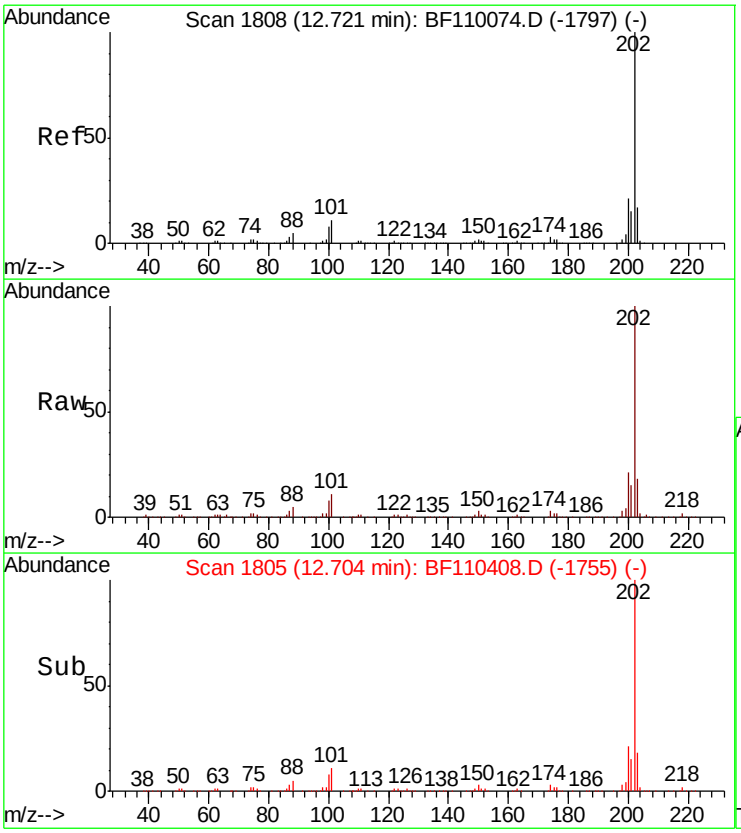
#72
Anthracene
Concen: 4.209 ng
RT: 11.56 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 44990

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	15.3	12.6	18.8

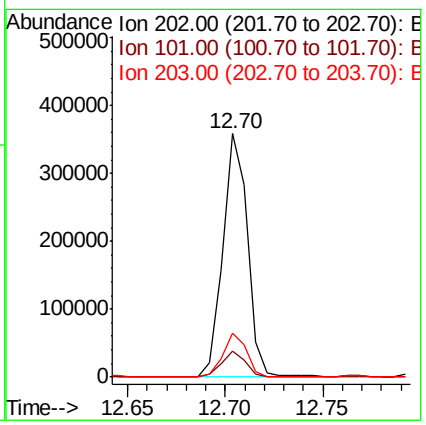


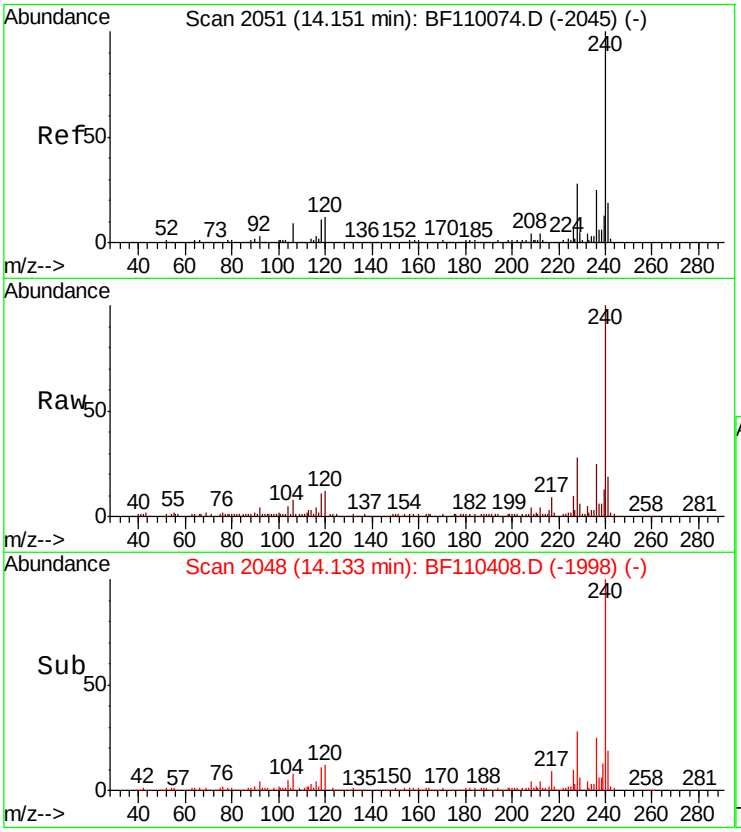


#75
Fluoranthene
Concen: 28.877 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Tgt Ion:202 Resp: 312554

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.4
203	17.9	0.0	37.7



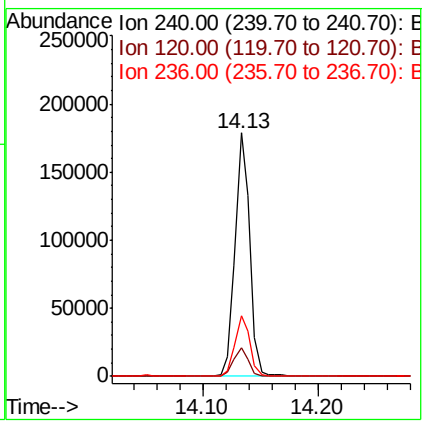


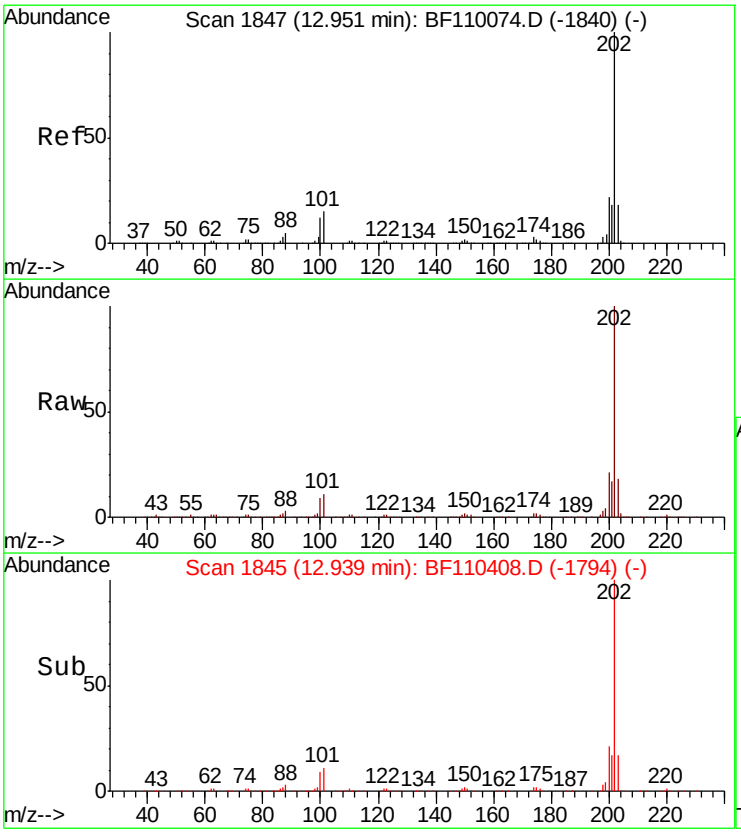
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 157665

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.3	12.5
236	24.9	21.2	31.8

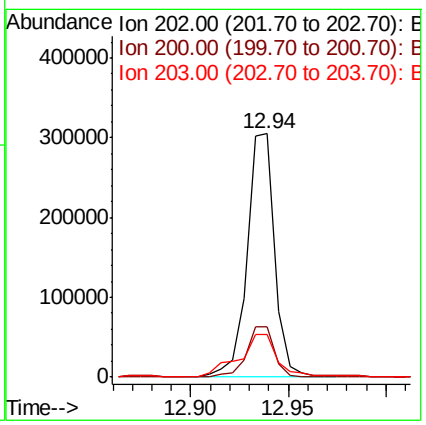


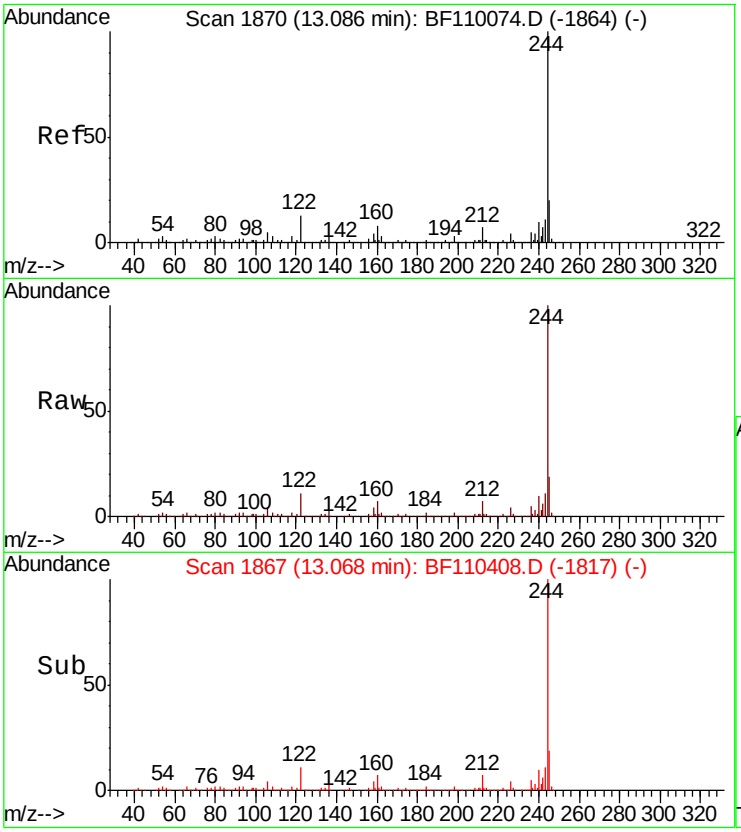


#78
Pyrene
Concen: 26.390 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Tgt Ion:202 Resp: 298287

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.8	26.6
203	17.7	14.2	21.4



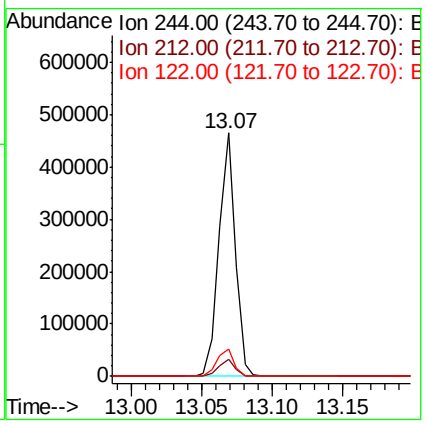


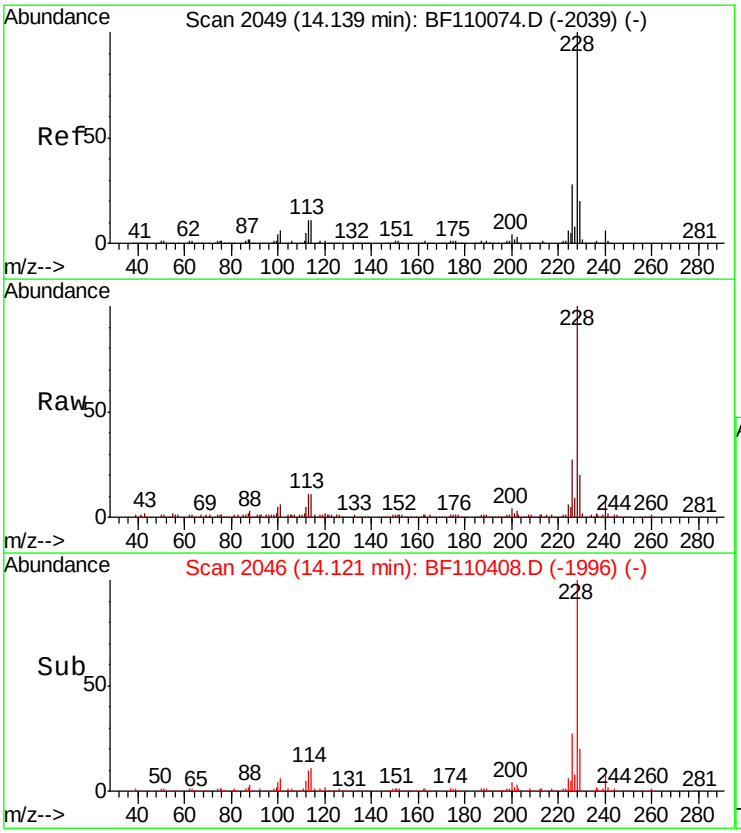
#79
Terphenyl-d14
Concen: 49.889 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 378211

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.2	8.7	13.1

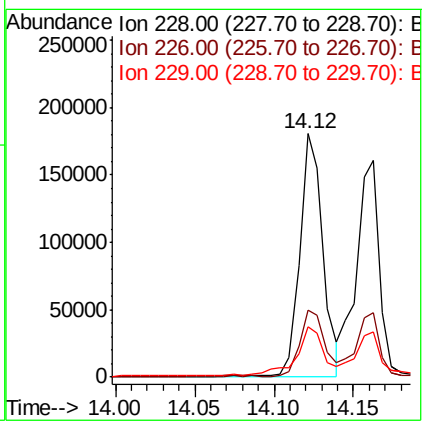


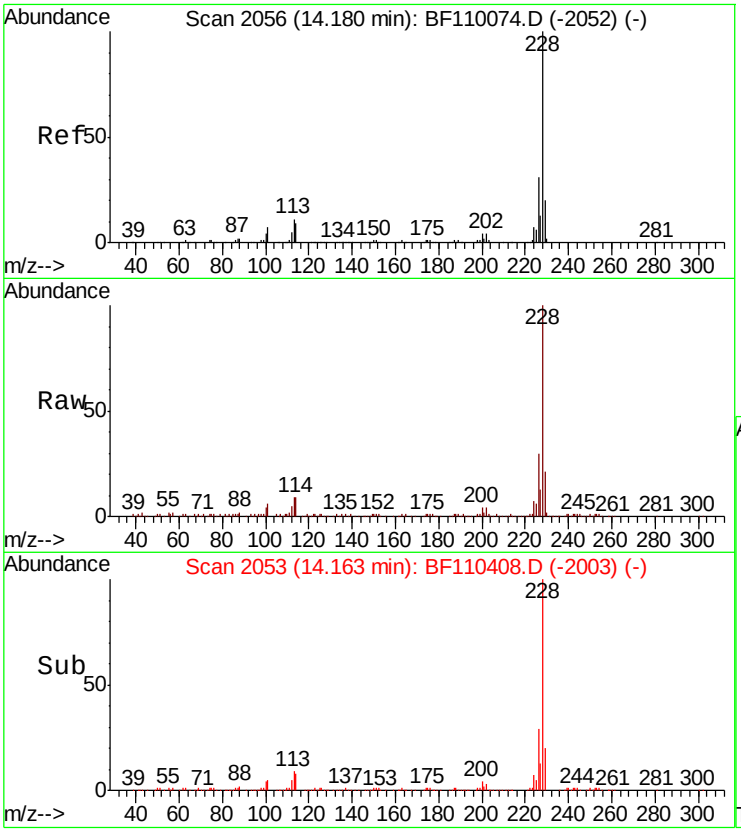


#81
Benzo(a)anthracene
Concen: 19.473 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Tgt Ion:228 Resp: 182074

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.1	33.1
229	20.5	15.6	23.4



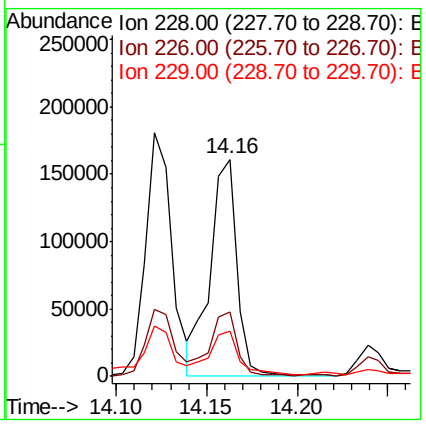


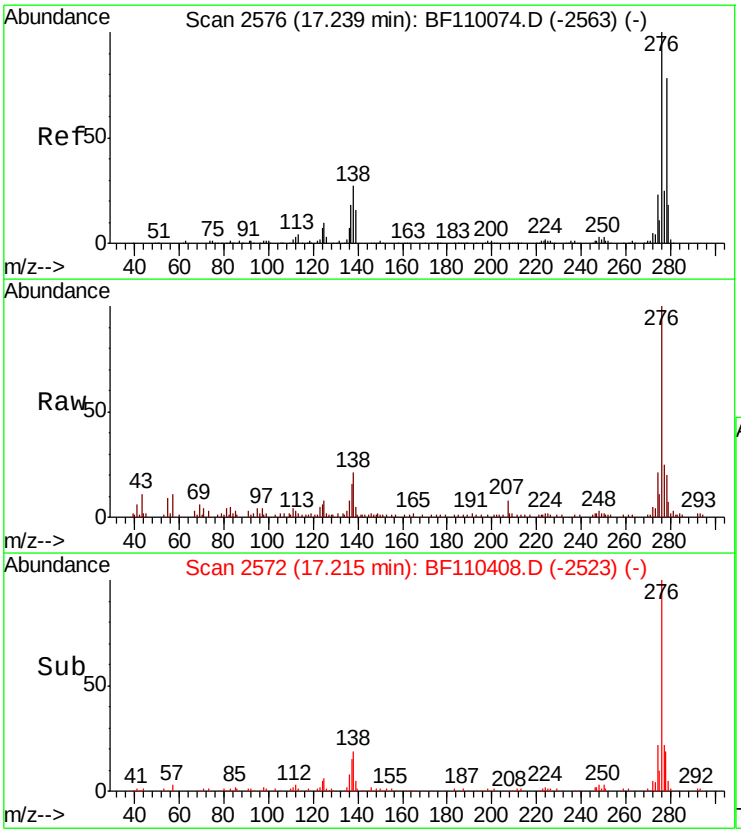
#83
Chrysene
Concen: 18.409 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 163480

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.7	37.1
229	21.0	15.9	23.9

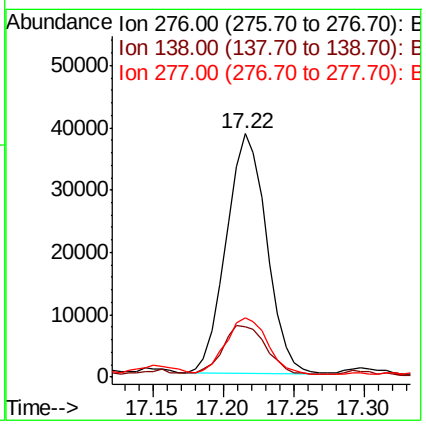


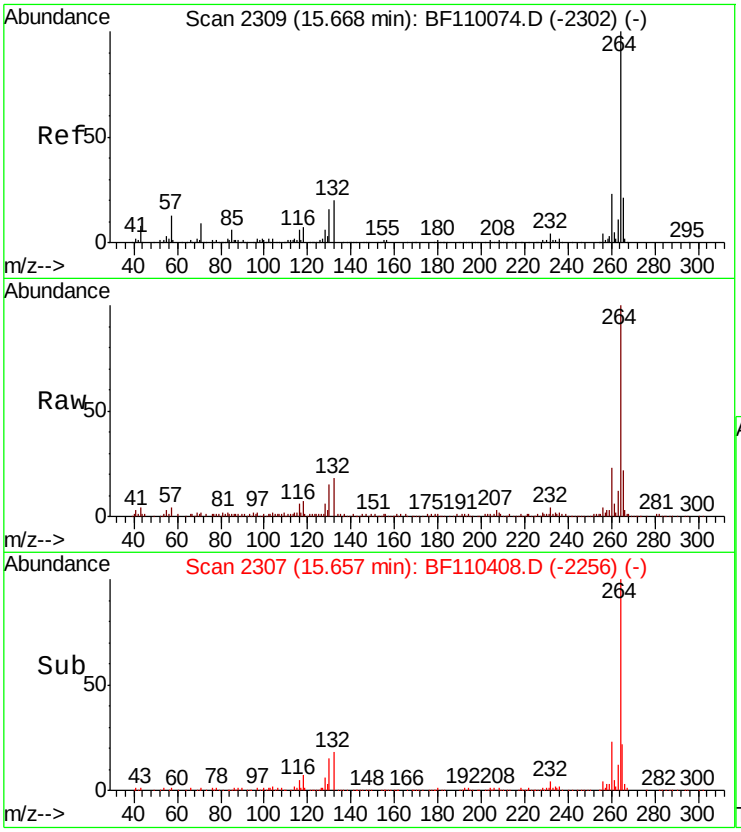


#86
Indeno(1,2,3-cd)pyrene
Concen: 10.503 ng
RT: 17.22 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Tgt Ion:276 Resp: 77381

Ion	Ratio	Lower	Upper
276	100		
138	22.2	18.5	27.7
277	24.1	20.0	30.0



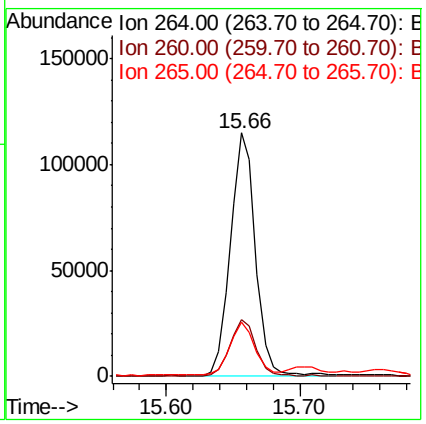


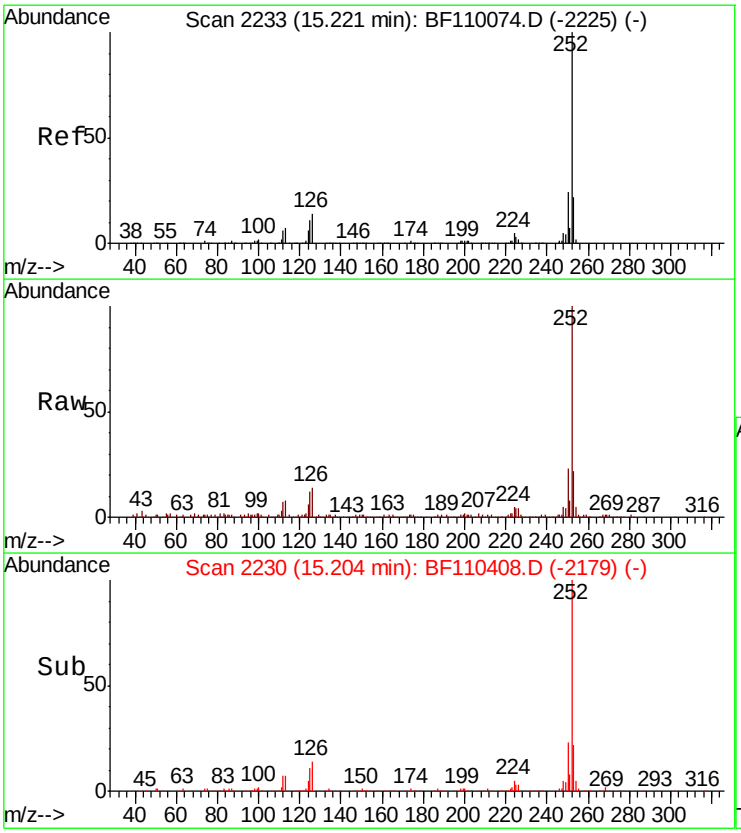
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 151699

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	22.4	16.7	25.1

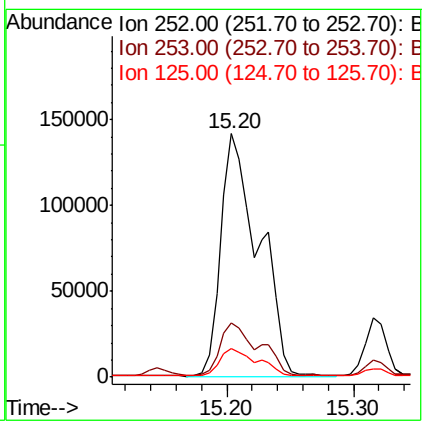


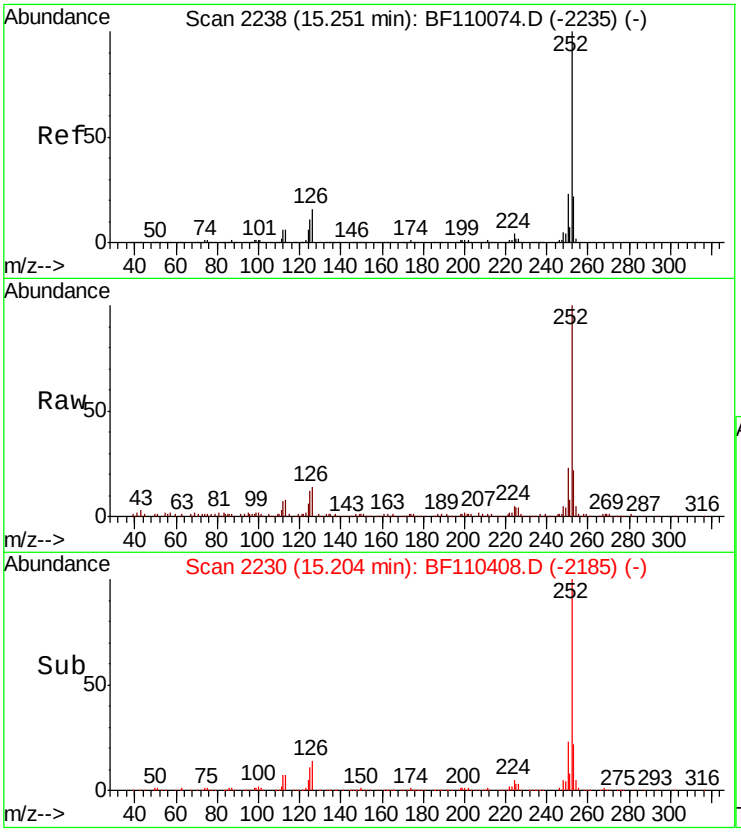


#88
Benzo(b)fluoranthene
Concen: 33.612 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Tgt Ion:252 Resp: 294439

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	11.8	8.2	12.4



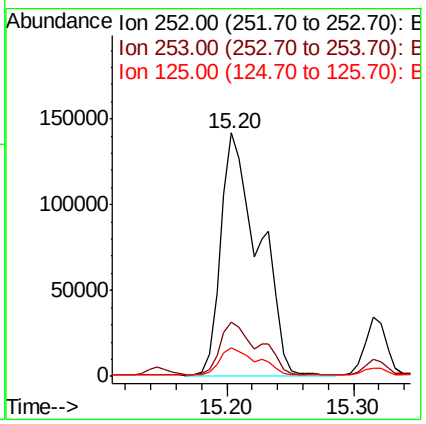


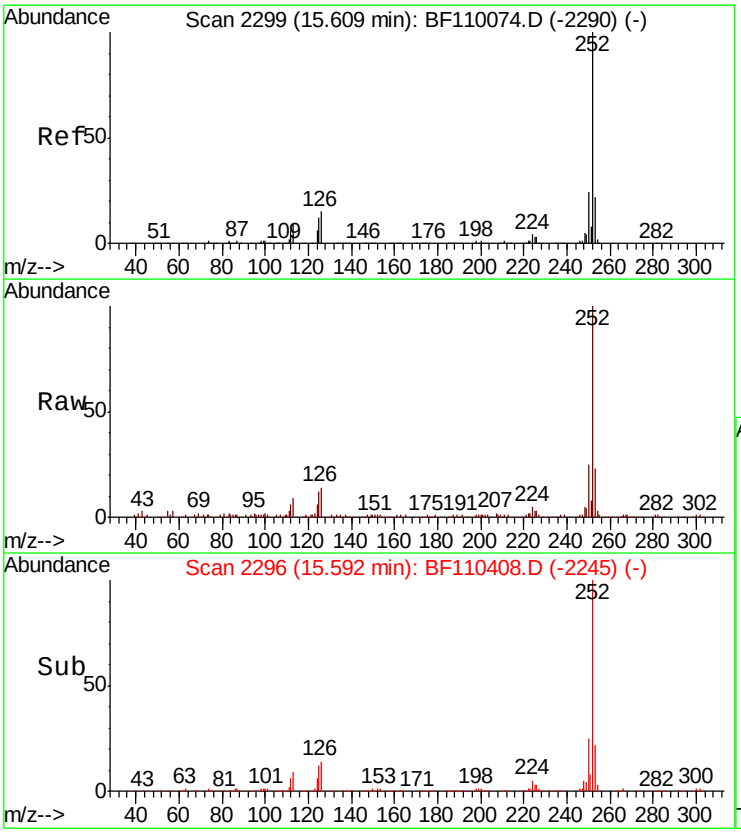
#89
Benzo(k)fluoranthene
Concen: 34.189 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 294439

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	11.8	7.4	11.0#

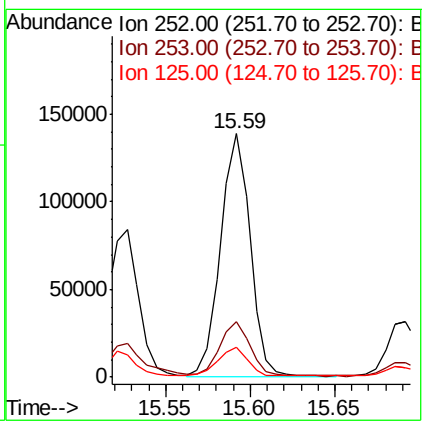


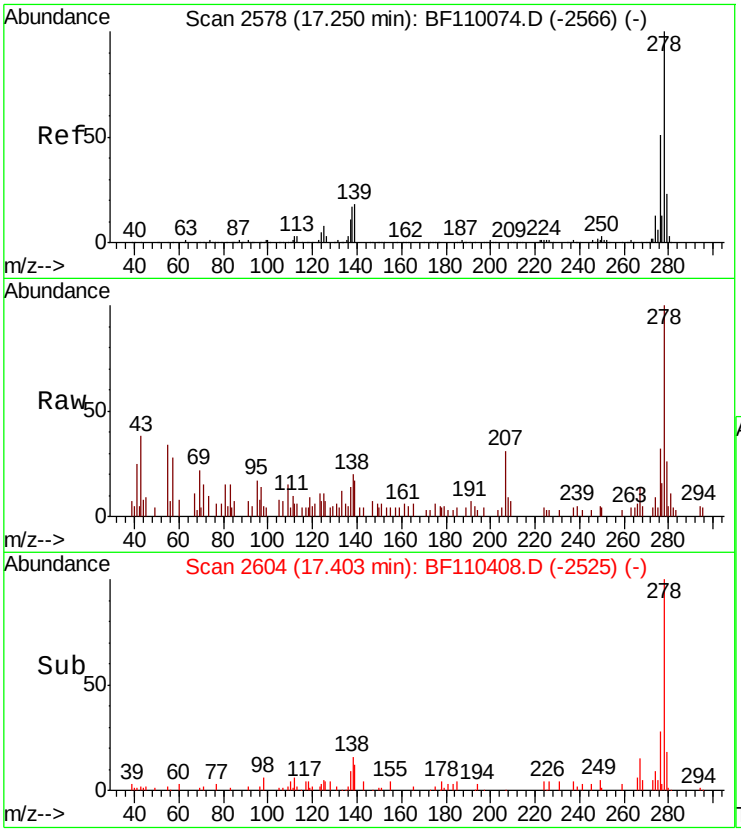


#90
Benzo(a)pyrene
Concen: 20.909 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Tgt Ion:252 Resp: 168543

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	12.1	9.0	13.6



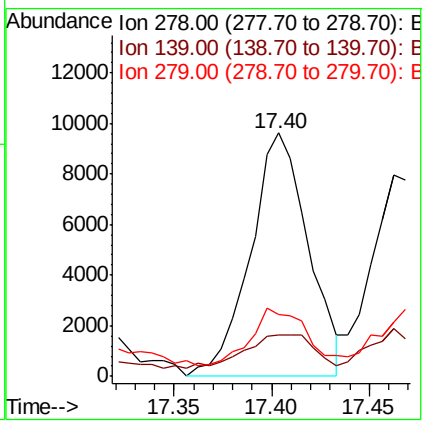


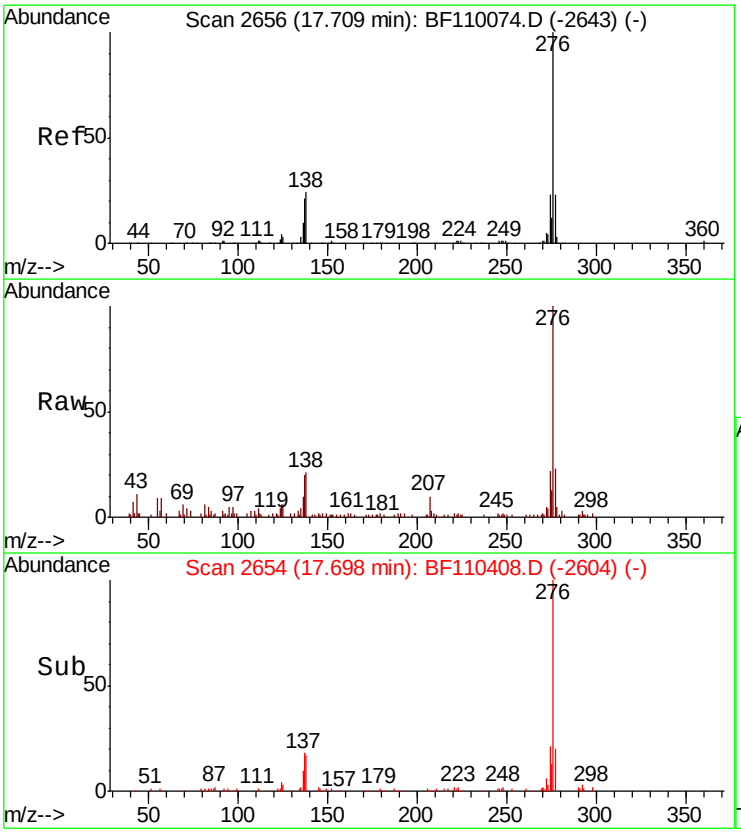
#91
Dibenzo(a,h)anthracene
Concen: 2.840 ng
RT: 17.40 min Scan# 2604
Delta R.T. 0.16 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 19751

Ion	Ratio	Lower	Upper
278	100		
139	16.9	12.7	19.1
279	25.6	19.0	28.4





#92
Benzo(g,h,i)perylene
Concen: 10.339 ng
RT: 17.70 min Scan# 2654
Delta R.T. -0.01 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Tgt Ion:276 Resp: 70858

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.8	28.2
138	21.2	16.0	24.0