Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110518\
Data File : BF110473.D
Acq On : 5 Nov 2018 18:57
Operator : JU/SJ
Sample : J5812-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP1-A

Quant Time: Nov 06 00:54:08 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	117602	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	509713	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	247991	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	443953	20.00	ng		0.00
76) Chrysene-d12	14.13	240	237358	20.00	ng		0.00
87) Perylene-d12	15.66	264	205910	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	710299	98.36	ng		0.00
7) Phenol-d6	6.58	99	929006	100.57	ng		0.00
23) Nitrobenzene-d5	7.52	82	602177	70.07	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	233844	95.19	ng		0.00
45) 2-Fluorobiphenyl	9.31	172	1073575	67.98	ng		0.00
79) Terphenyl-d14	13.07	244	880310	77.13	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.59	94	57506	5.824	ng	#	64
19) n-Nitroso-di-n-propylamine	7.52	70	79910	13.485	ng	#	78
25) Isophorone	7.52	82	602173	41.108	ng	#	67
50) Dimethylphthalate	9.70	163	174467	9.531	ng		99
52) Acenaphthene	10.03	154	32969	2.098	ng		94
56) 4-Nitrophenol	10.20	139	11070	3.190	ng	#	6
57) 2,4-Dinitrotoluene	10.00	165	31553	6.300	ng	#	19
67) 4-Bromophenyl-phenylether	10.79	248	15056	3.127	ng	#	1
71) Phenanthrene	11.51	178	170804	7.353	ng		99
72) Anthracene	11.56	178	47918	2.058	ng		98
75) Fluoranthene	12.70	202	230115	9.761	ng		98
78) Pyrene	12.93	202	166577	9.789	ng		97
81) Benzo(a)anthracene	14.12	228	39684	2.819	ng		96
83) Chrysene	14.16	228	35957	2.690	ng		98
88) Benzo(b)fluoranthene	15.20	252	44195	3.717	ng		97
89) Benzo(k)fluoranthene	15.20	252	44195	3.781	ng	#	96
90) Benzo(a)pyrene	15.59	252	22472	2.054	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110518\
Data File : BF110473.D
Acq On : 5 Nov 2018 18:57
Operator : JU/SJ
Sample : J5812-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP1-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
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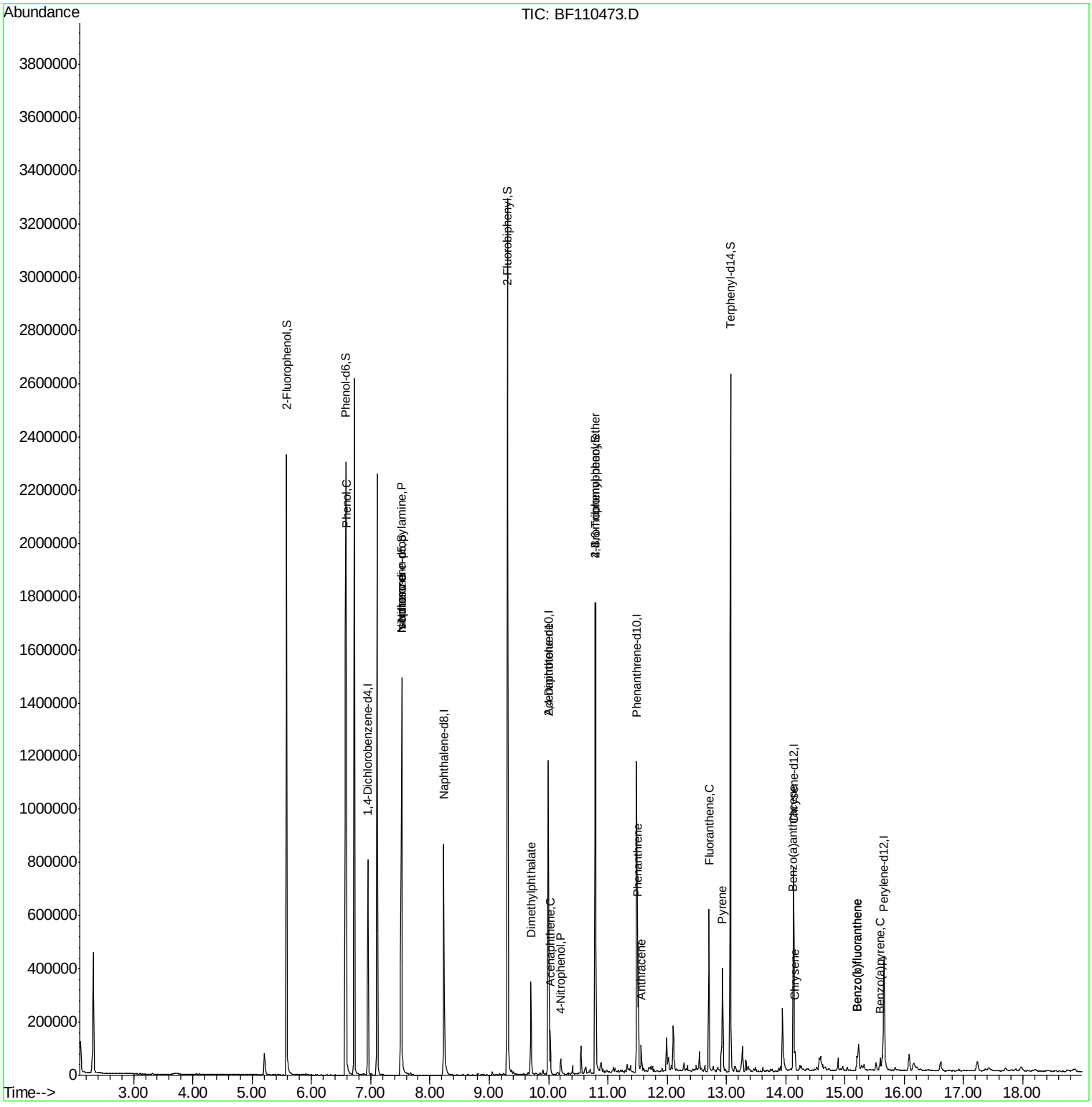
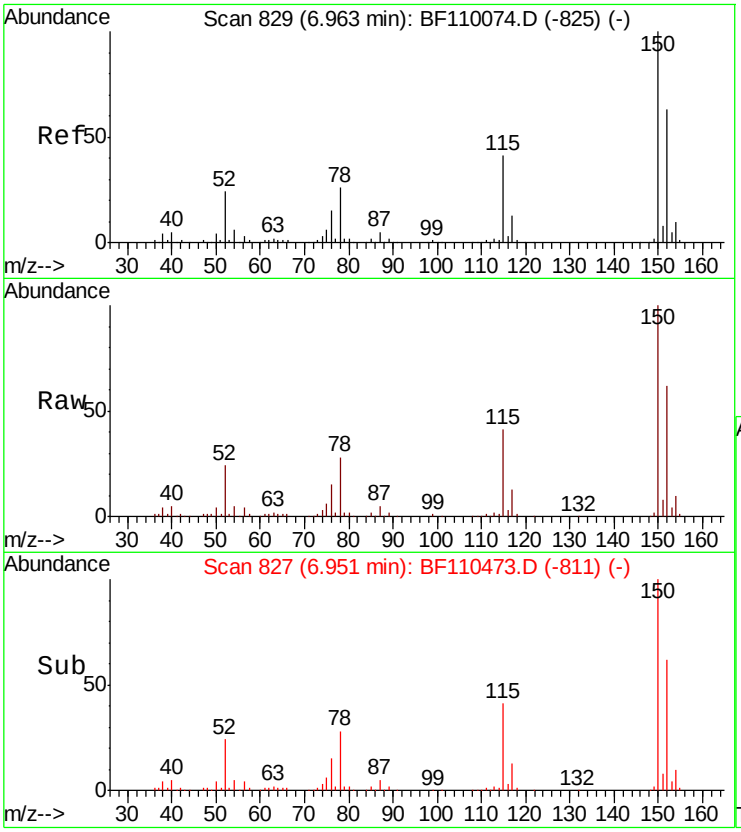


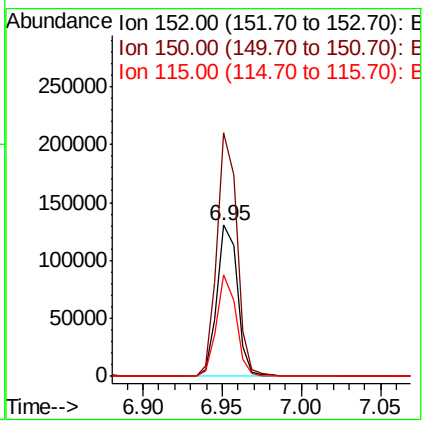


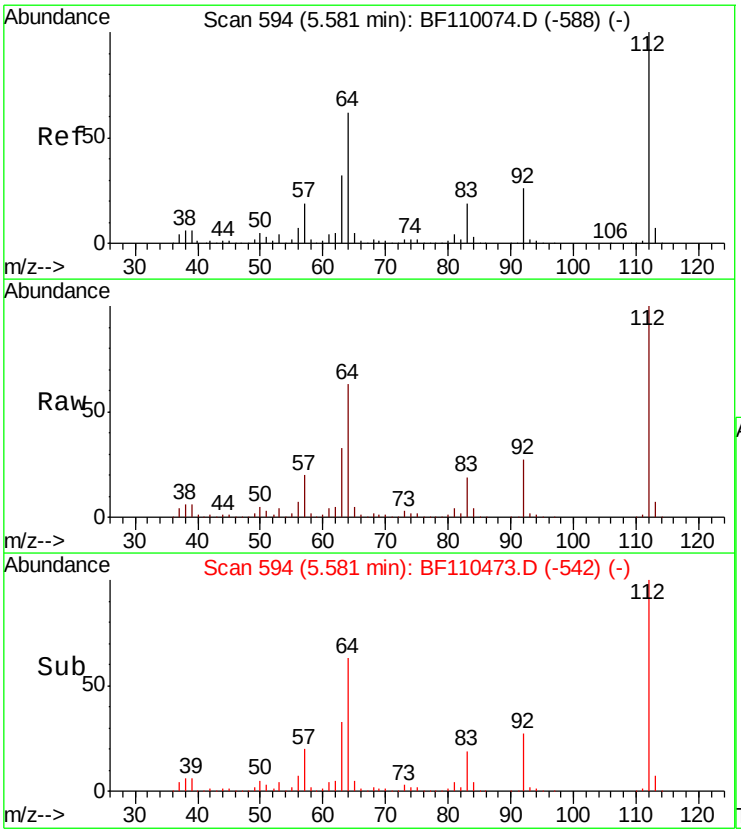
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Instrument :
BNA_F
ClientSampleId :
TP1-A

Tgt Ion:152 Resp: 117602

Ion	Ratio	Lower	Upper
152	100		
150	161.1	122.7	184.1
115	66.8	49.1	73.7

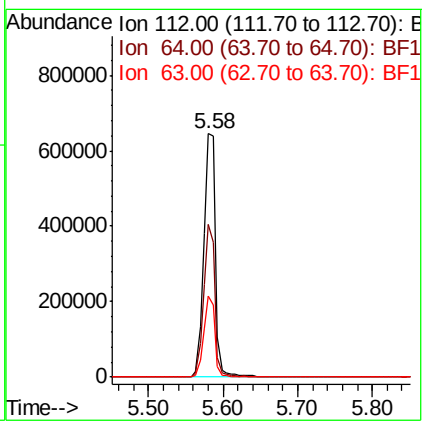


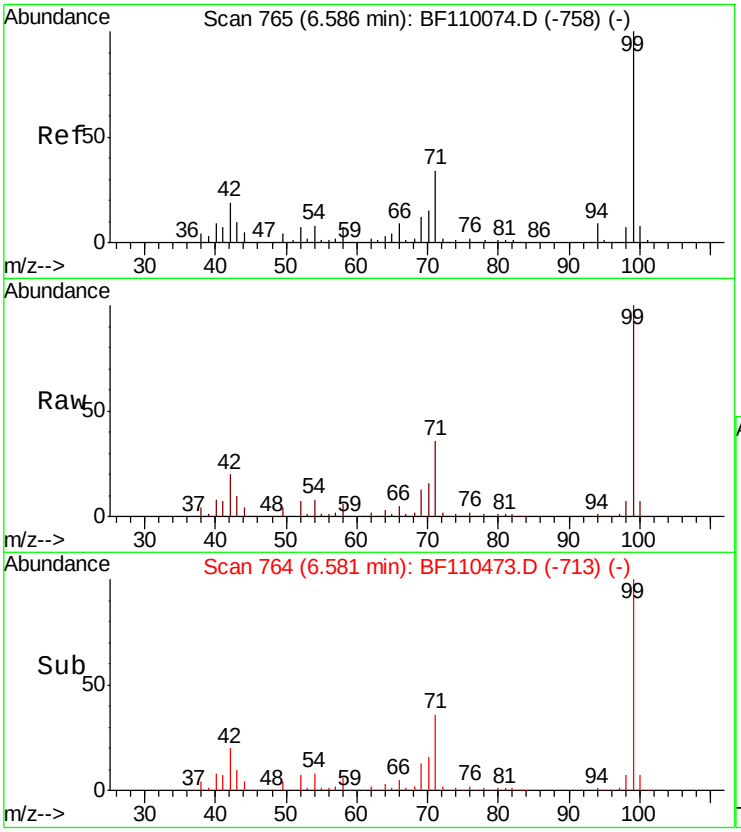


#5
2-Fluorophenol
Concen: 98.356 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Tgt Ion:112 Resp: 710299

Ion	Ratio	Lower	Upper
112	100		
64	62.5	44.1	66.1
63	33.2	23.7	35.5



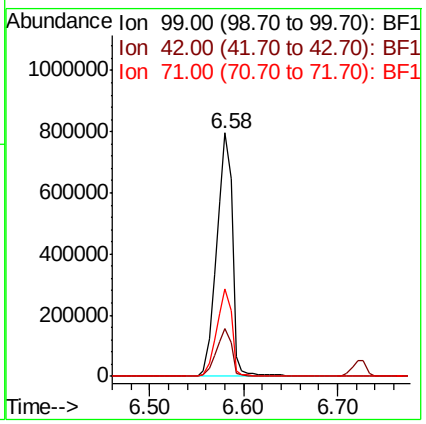


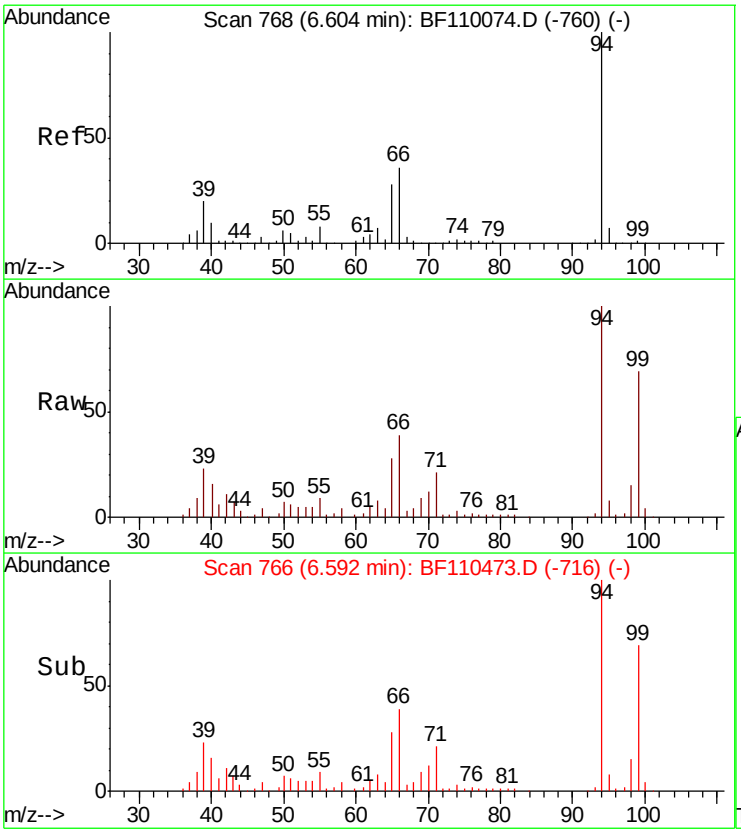
#7
Phenol-d6
Concen: 100.573 ng
RT: 6.58 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Instrument :
BNA_F
ClientSampleId :
TP1-A

Tgt Ion: 99 Resp: 929006

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.8	23.6
71	35.7	28.0	42.0

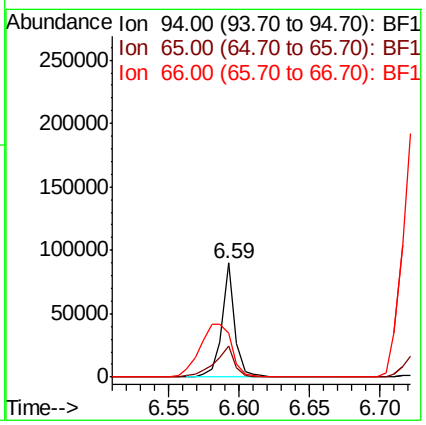


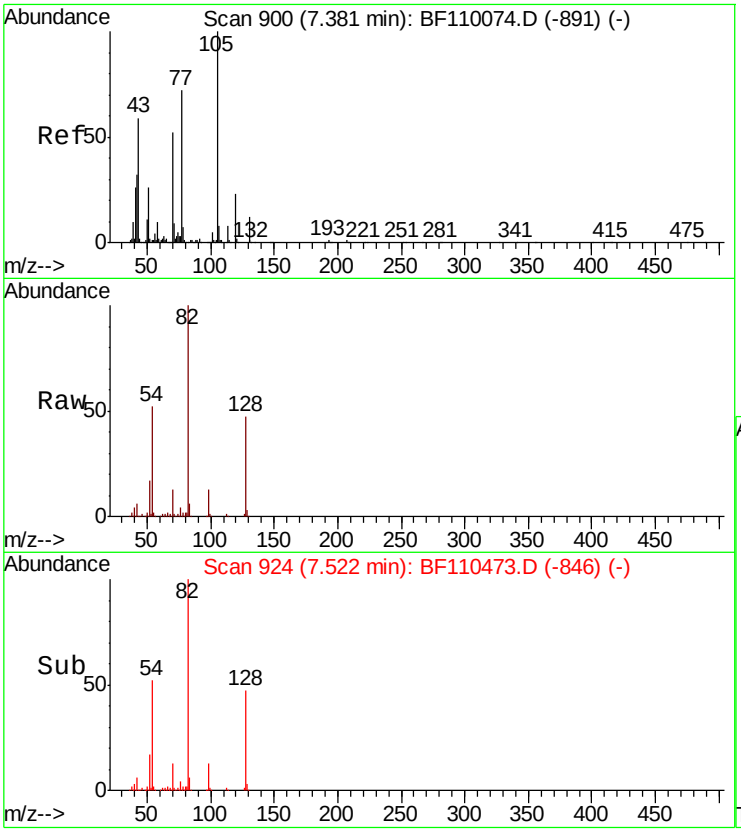


#10
Phenol
Concen: 5.824 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Tgt Ion: 94 Resp: 57506

Ion	Ratio	Lower	Upper
94	100		
65	27.5	25.3	65.3
66	39.0	54.5	94.5#



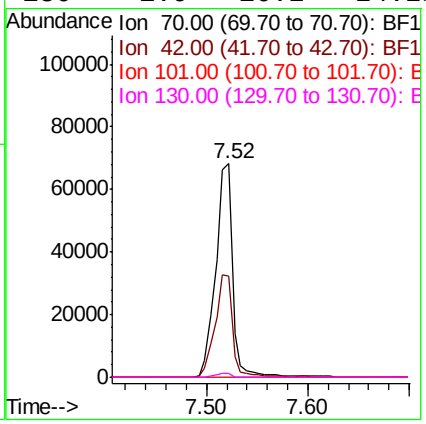


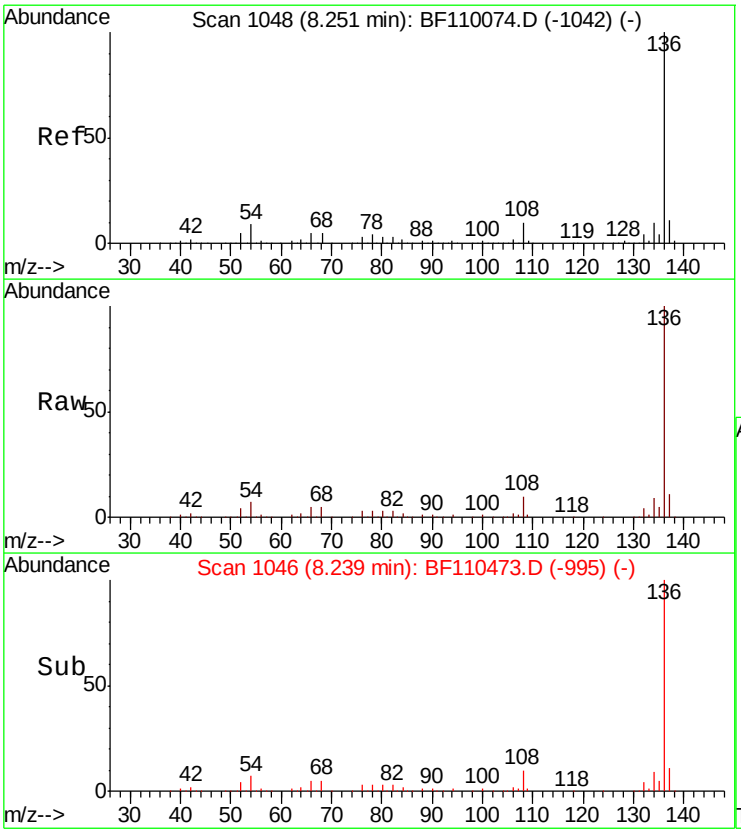
#19
n-Nitroso-di-n-propylamine
Concen: 13.485 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Instrument :
BNA_F
ClientSampleId :
TP1-A

Tgt Ion: 70 Resp: 79910

Ion	Ratio	Lower	Upper
70	100		
42	47.6	47.4	71.2
101	0.0	7.3	10.9#
130	1.9	16.2	24.2#

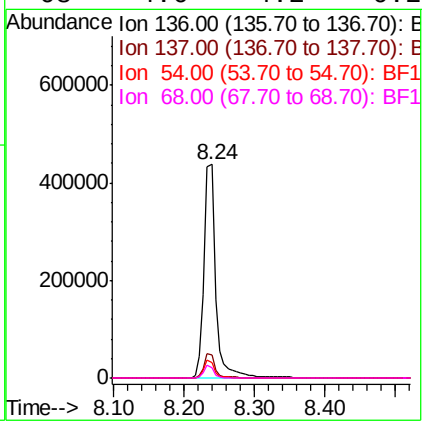


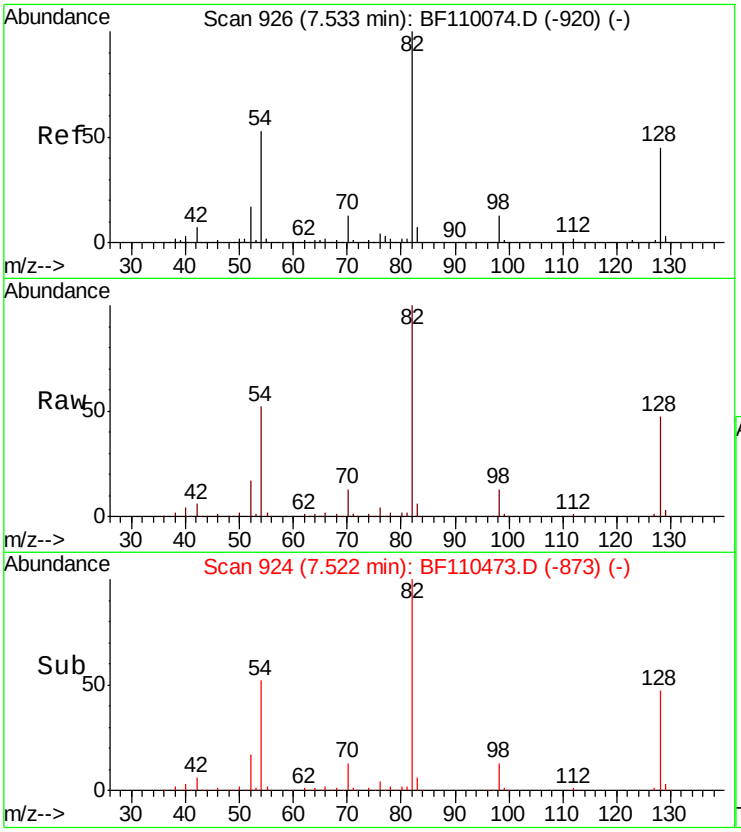


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Tgt Ion:136 Resp: 509713

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.2	5.4	8.2
68	4.6	4.2	6.2



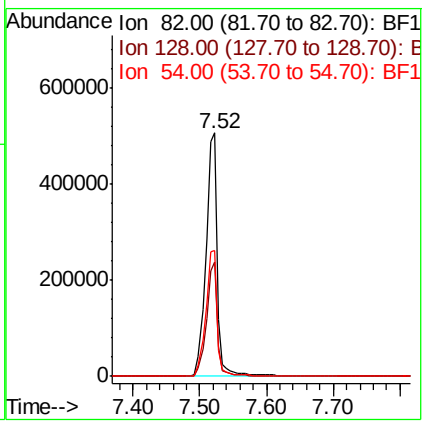


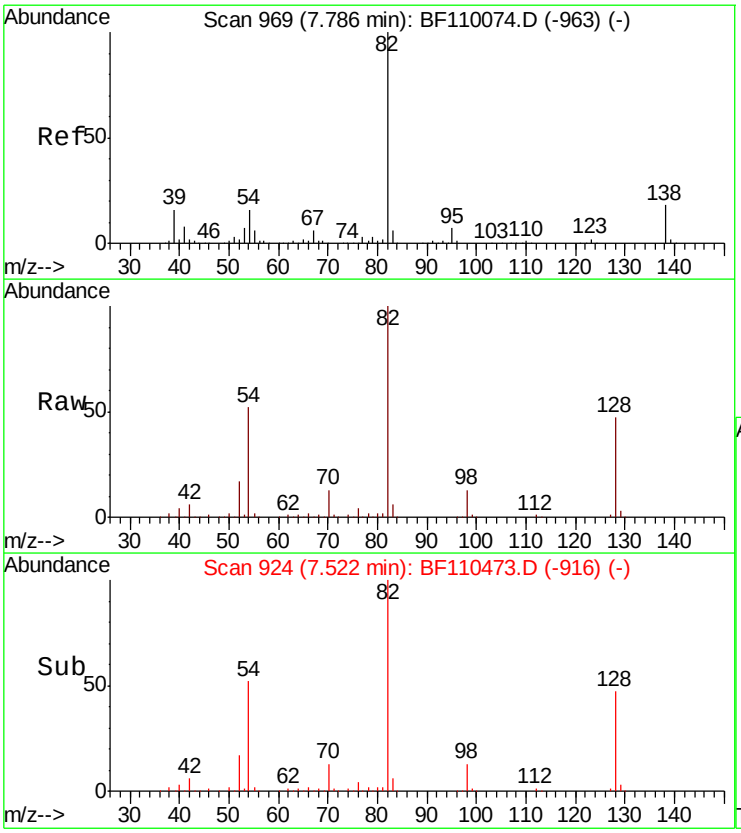
#23
Nitrobenzene-d5
Concen: 70.073 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Instrument :
BNA_F
ClientSampleId :
TP1-A

Tgt Ion: 82 Resp: 602177

Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.2	51.2
54	51.8	38.6	58.0

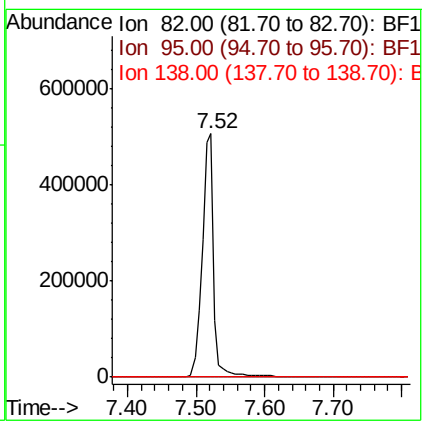


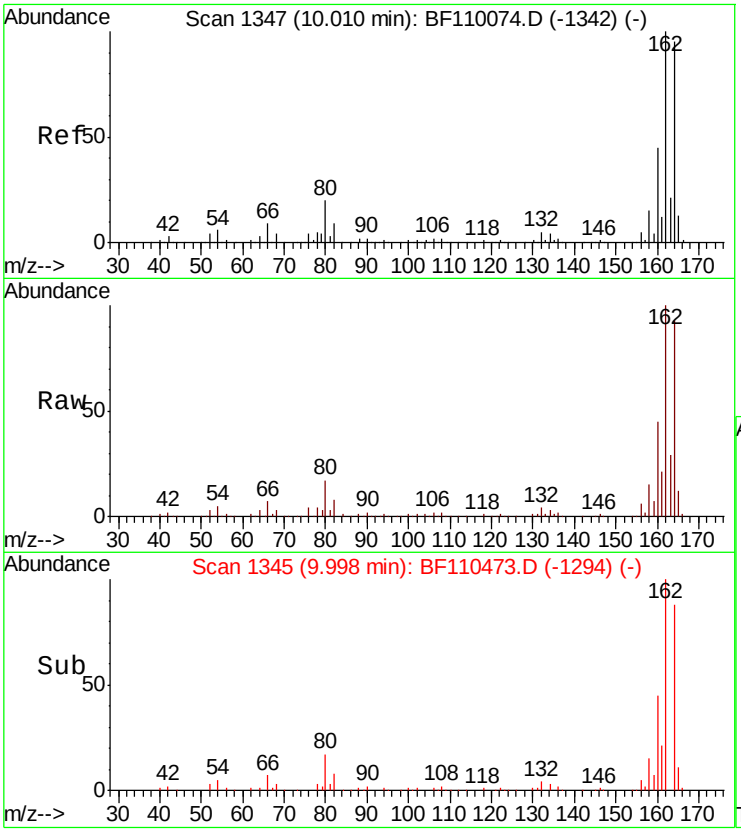


#25
Isophorone
Concen: 41.108 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Tgt Ion: 82 Resp: 602173

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



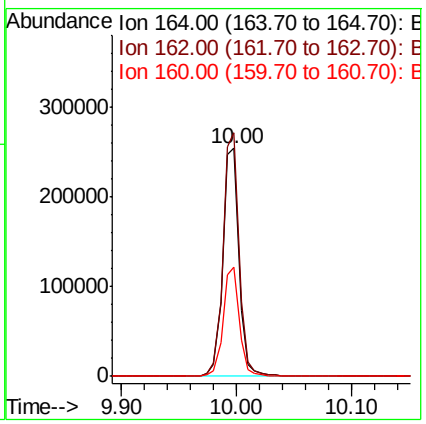


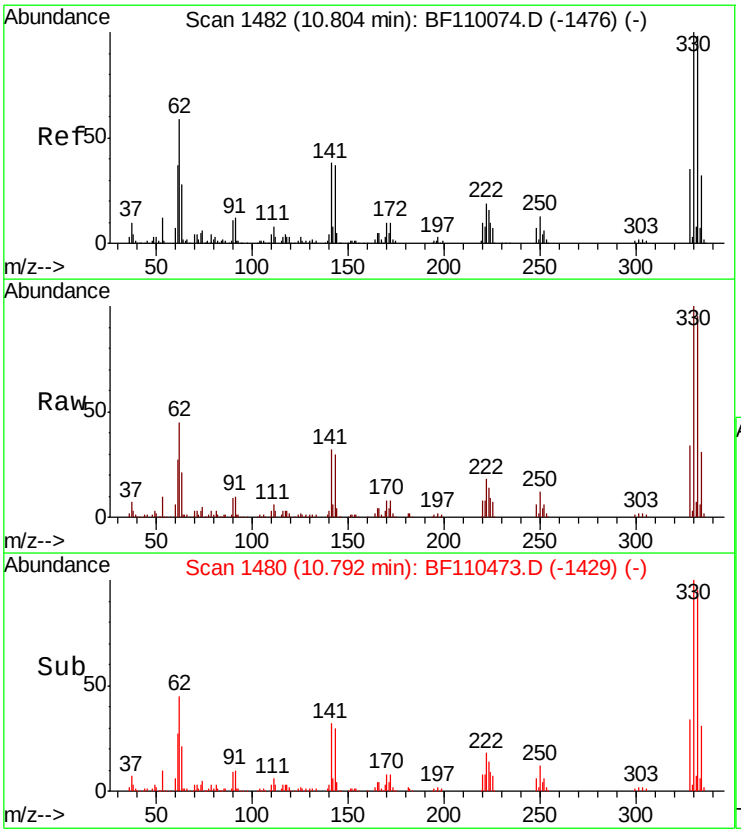
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Instrument :
BNA_F
ClientSampleId :
TP1-A

Tgt Ion:164 Resp: 247991

Ion	Ratio	Lower	Upper
164	100		
162	107.0	83.0	124.6
160	47.9	37.0	55.6

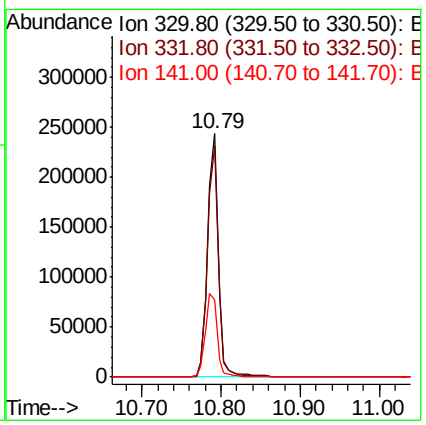


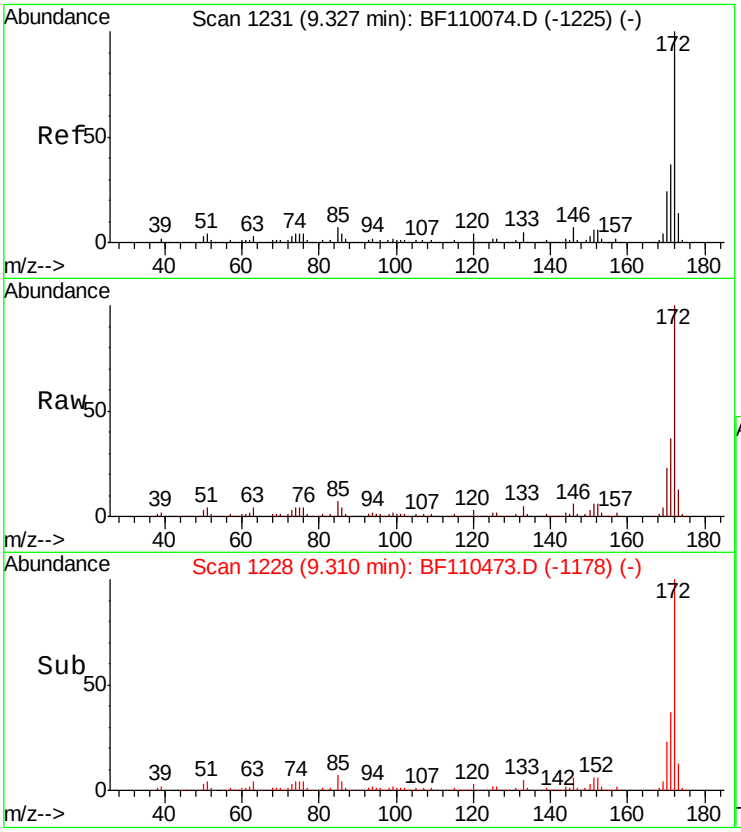


#42
2,4,6-Tribromophenol
Concen: 95.193 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Tgt Ion:330 Resp: 233844

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.1	115.7
141	37.8	27.0	40.4



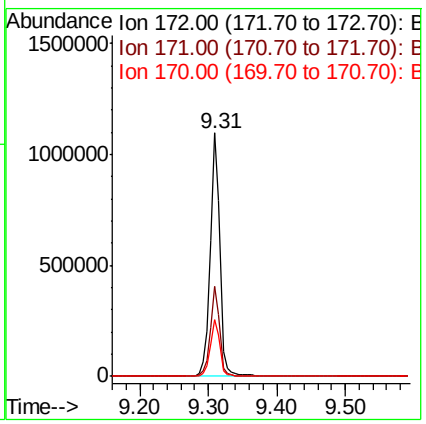


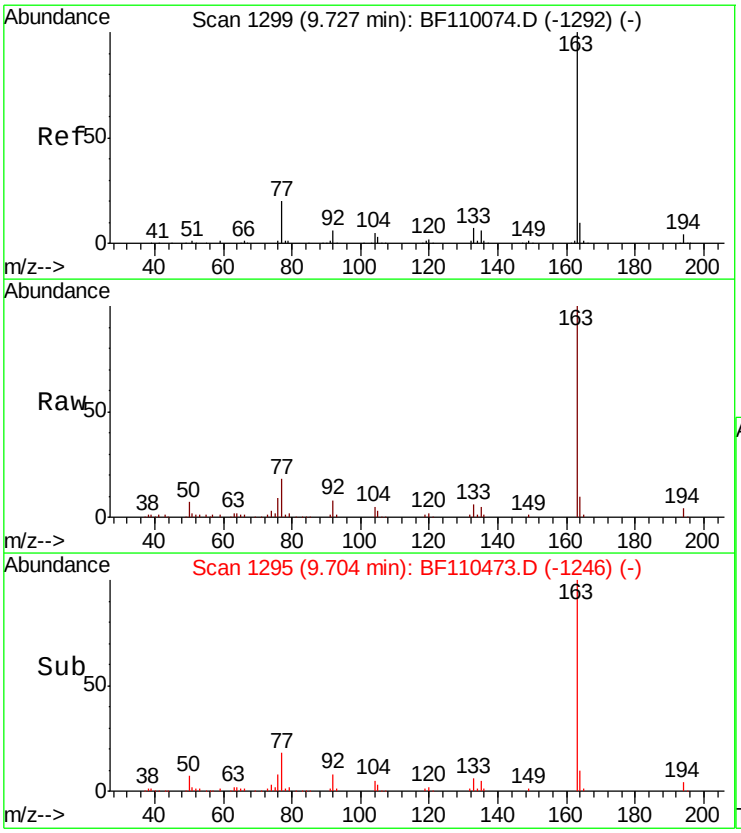
#45
2-Fluorobiphenyl
Concen: 67.978 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Instrument :
BNA_F
ClientSampleId :
TP1-A

Tgt Ion:172 Resp: 1073575

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	43.0
170	23.4	19.7	29.5

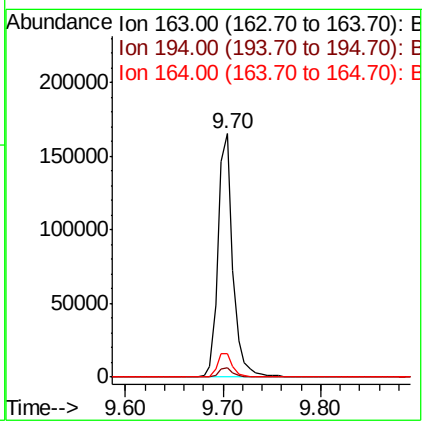


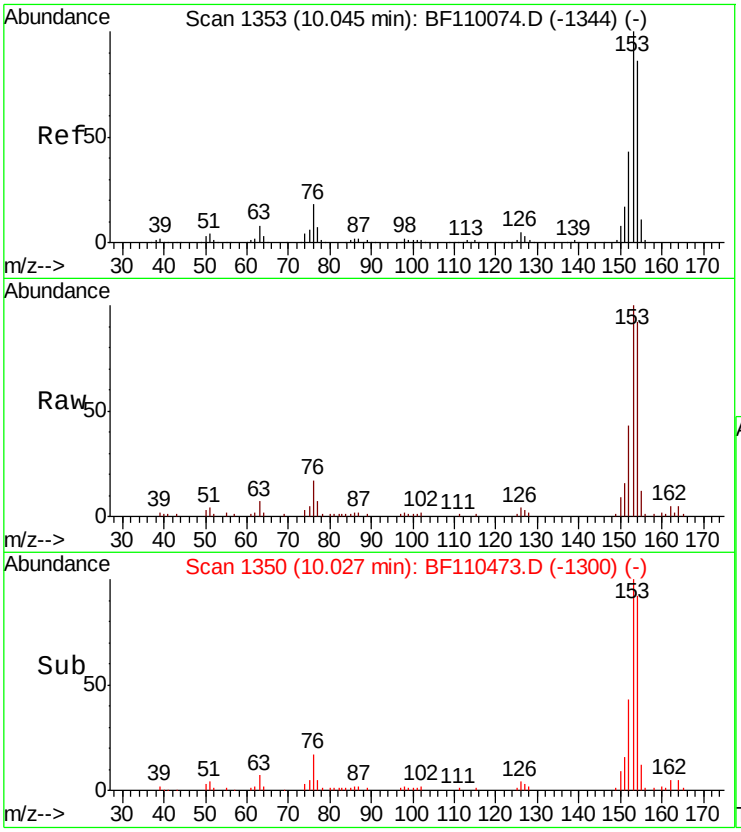


#50
Dimethylphthalate
Concen: 9.531 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Tgt Ion:163 Resp: 174467

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.7	8.1	12.1



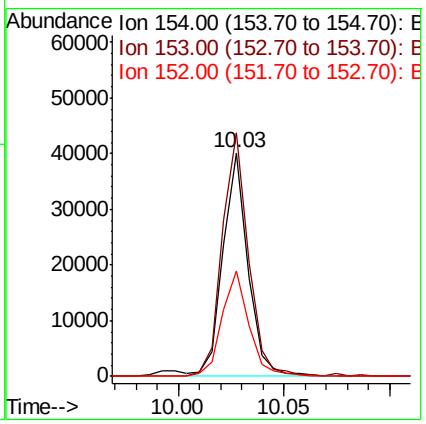


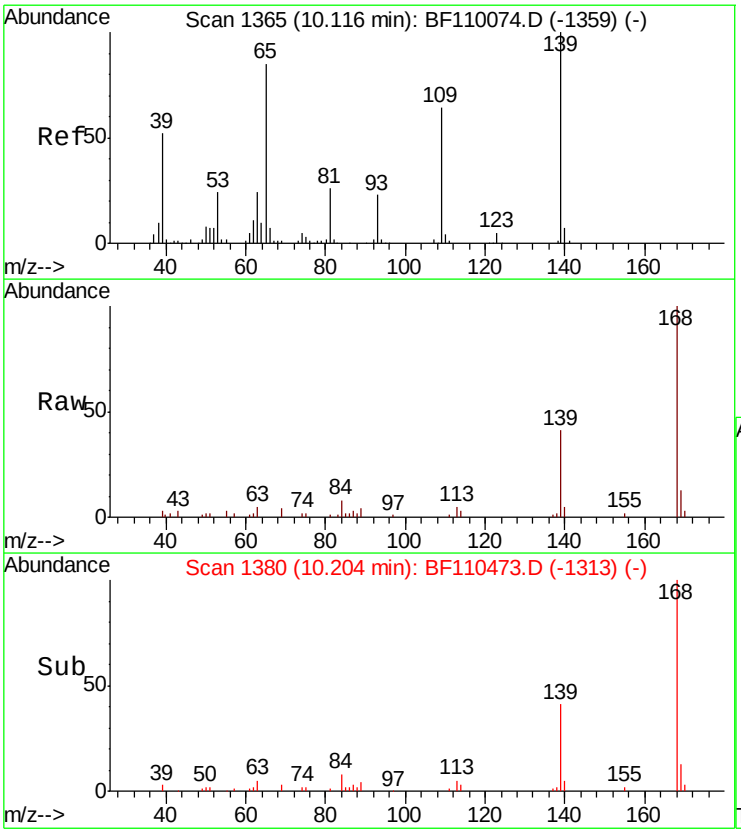
#52
Acenaphthene
Concen: 2.098 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Instrument :
BNA_F
ClientSampleId :
TP1-A

Tgt Ion:154 Resp: 32969

Ion	Ratio	Lower	Upper
154	100		
153	108.9	90.1	135.1
152	47.1	43.4	65.2

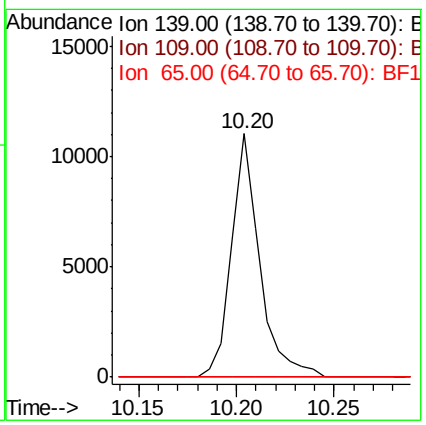


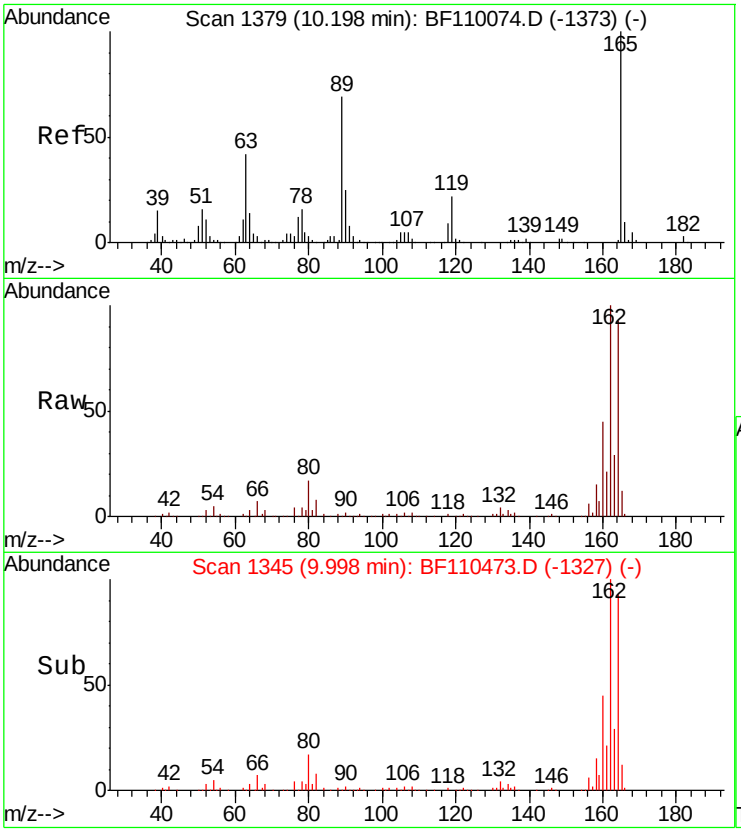


#56
4-Nitrophenol
Concen: 3.190 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.09 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Tgt Ion:139 Resp: 11070

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



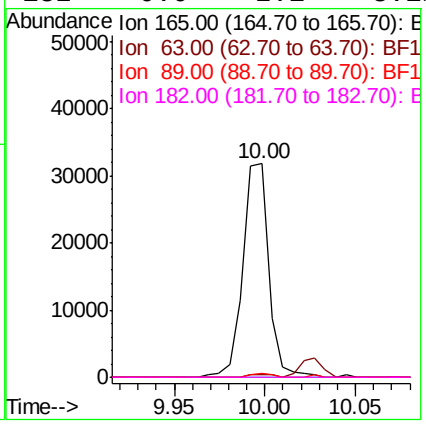


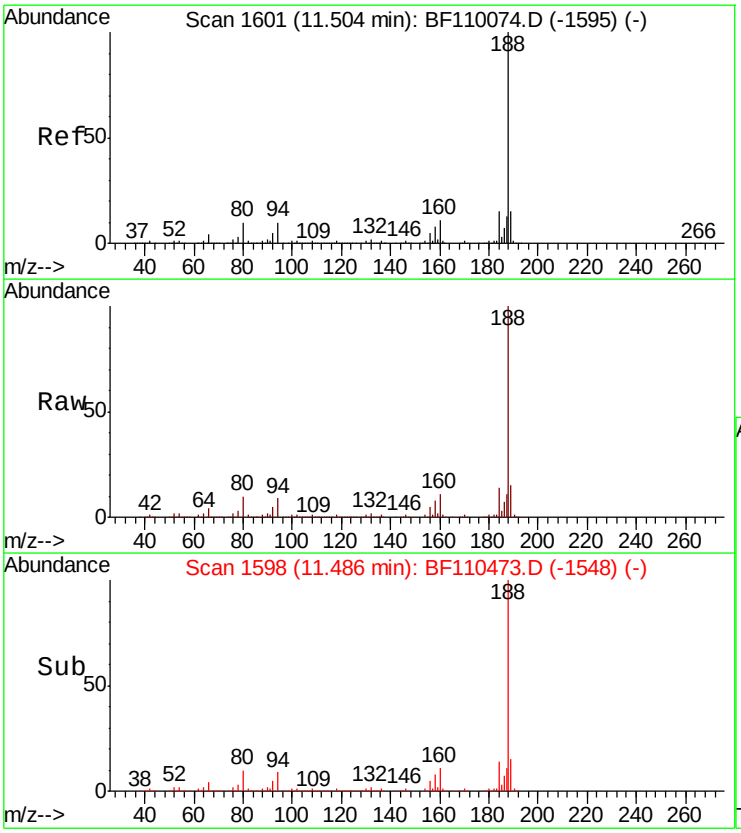
#57
2,4-Dinitrotoluene
Concen: 6.300 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.19 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Instrument :
BNA_F
ClientSampleId :
TP1-A

Tgt Ion:165 Resp: 31553

Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.8	67.2#
89	1.6	62.2	93.4#
182	0.0	2.1	3.1#

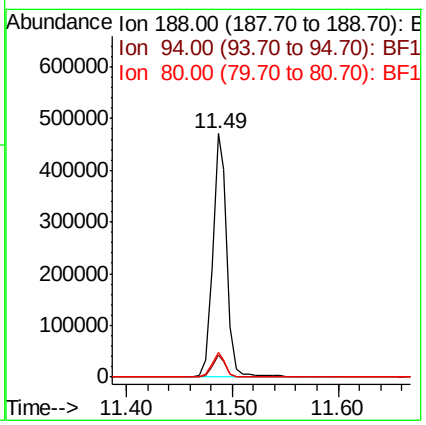


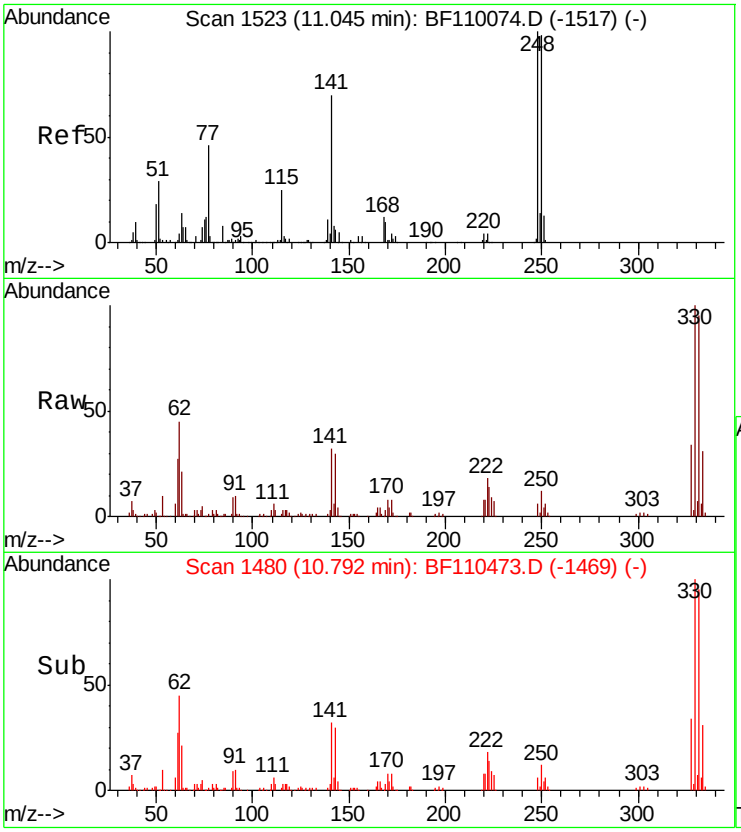


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Tgt Ion:188 Resp: 443953

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.9	7.9	11.9



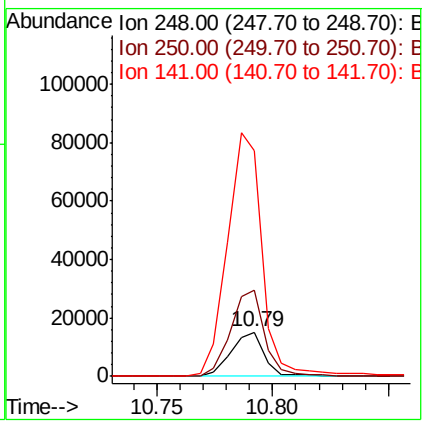


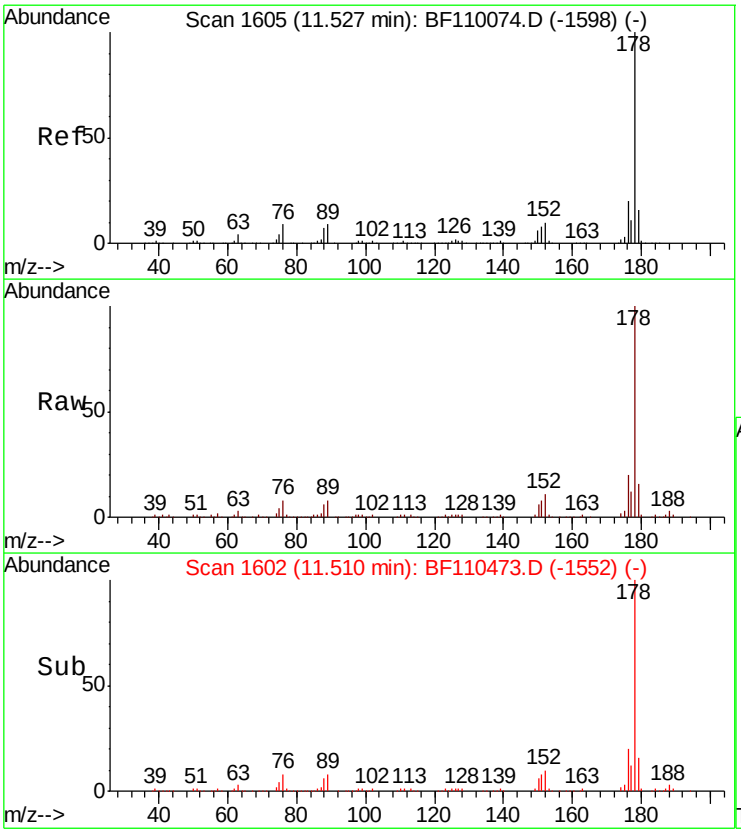
#67
4-Bromophenyl-phenylether
Concen: 3.127 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.24 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Instrument :
BNA_F
ClientSampleId :
TP1-A

Tgt Ion:248 Resp: 15056

Ion	Ratio	Lower	Upper
248	100		
250	195.4	79.4	119.2#
141	508.8	55.9	83.9#

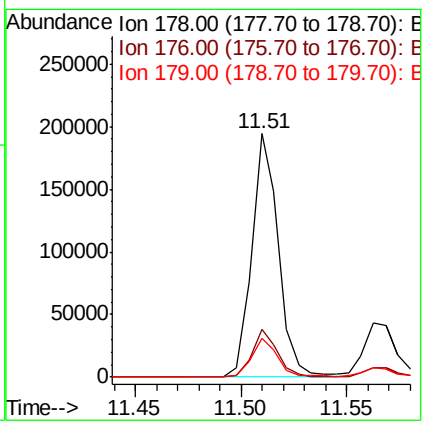


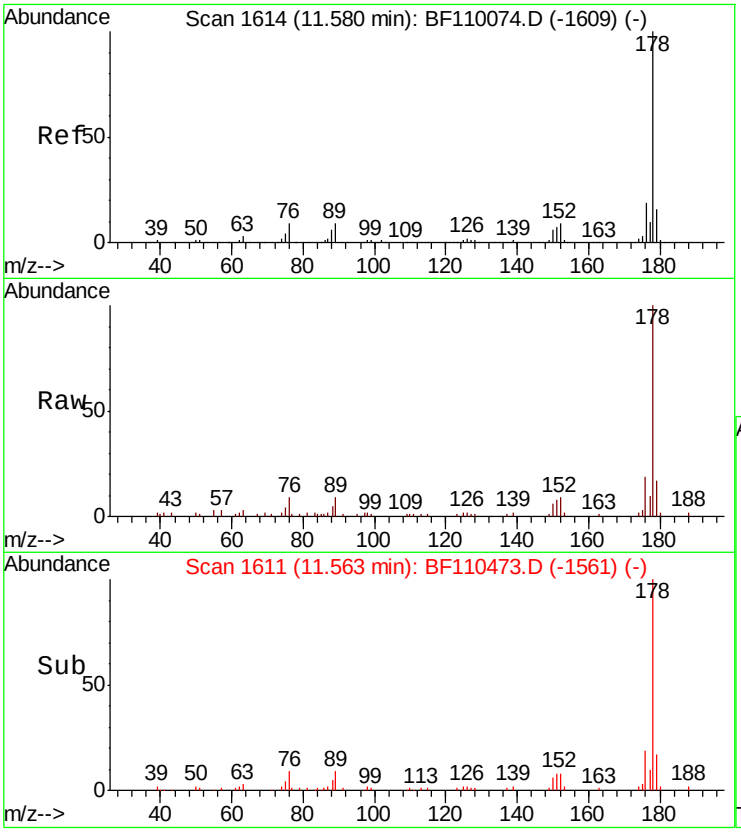


#71
Phenanthrene
Concen: 7.353 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Tgt Ion:178 Resp: 170804

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	15.9	12.5	18.7



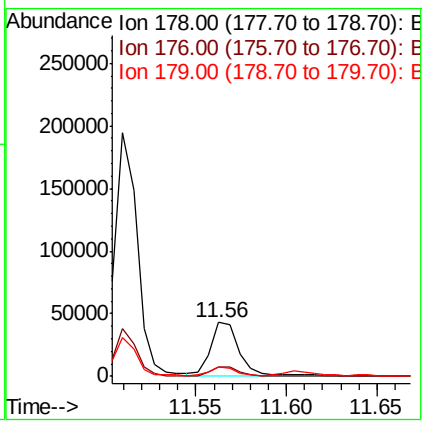


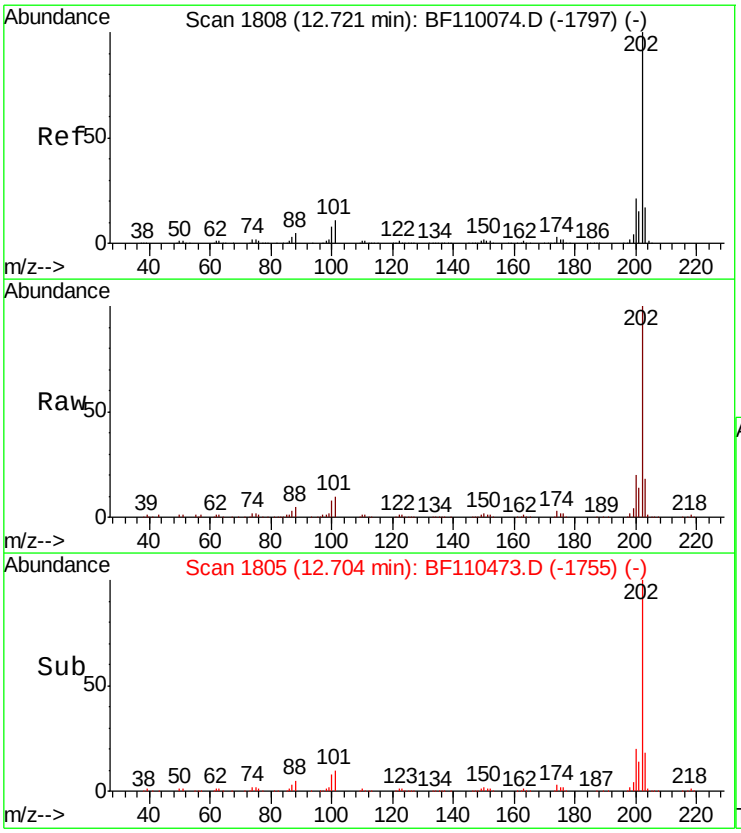
#72
Anthracene
Concen: 2.058 ng
RT: 11.56 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Instrument :
BNA_F
ClientSampleId :
TP1-A

Tgt Ion:178 Resp: 47918

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	17.1	12.6	18.8

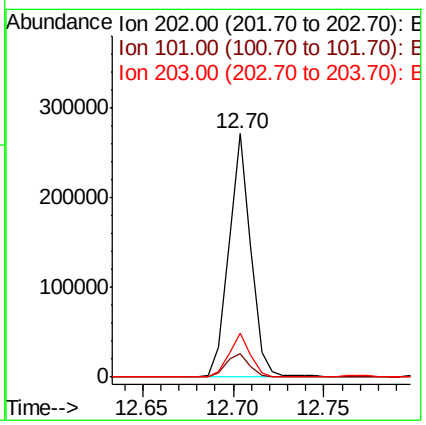


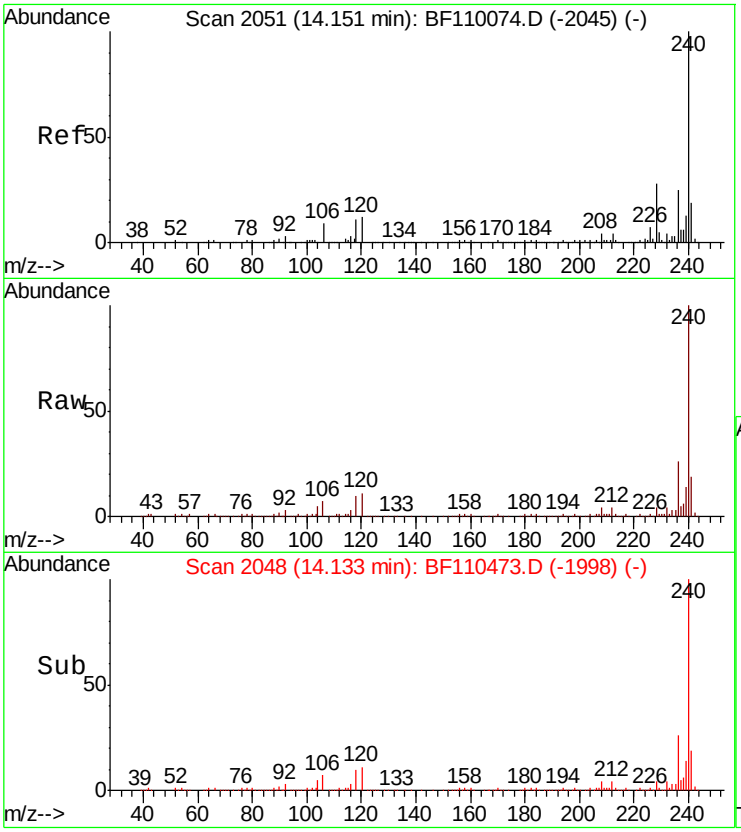


#75
Fluoranthene
Concen: 9.761 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Tgt Ion:202 Resp: 230115

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	31.4
203	18.0	0.0	37.7



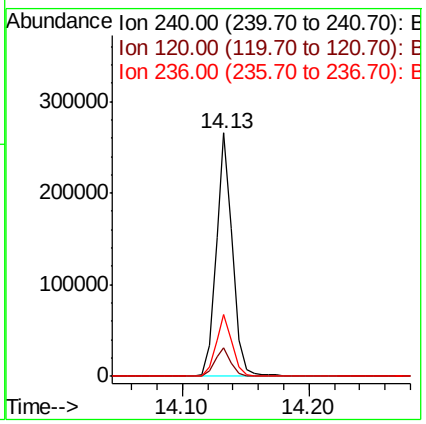


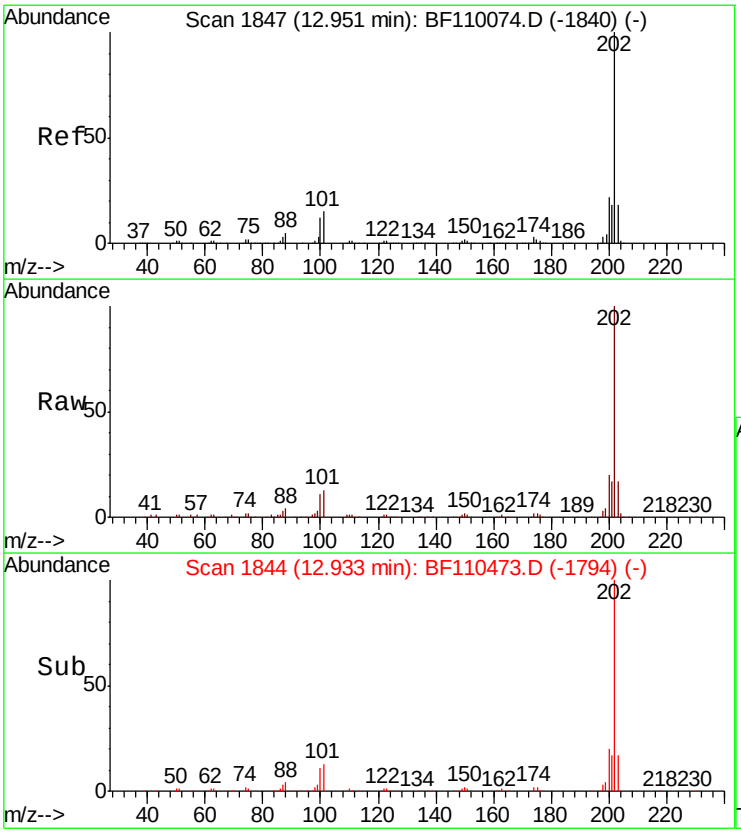
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Instrument :
BNA_F
ClientSampleId :
TP1-A

Tgt Ion:240 Resp: 237358

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.3	12.5
236	25.5	21.2	31.8

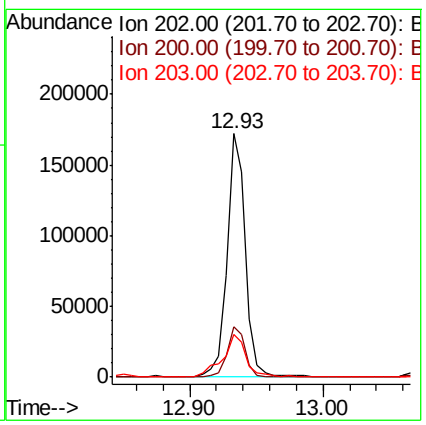


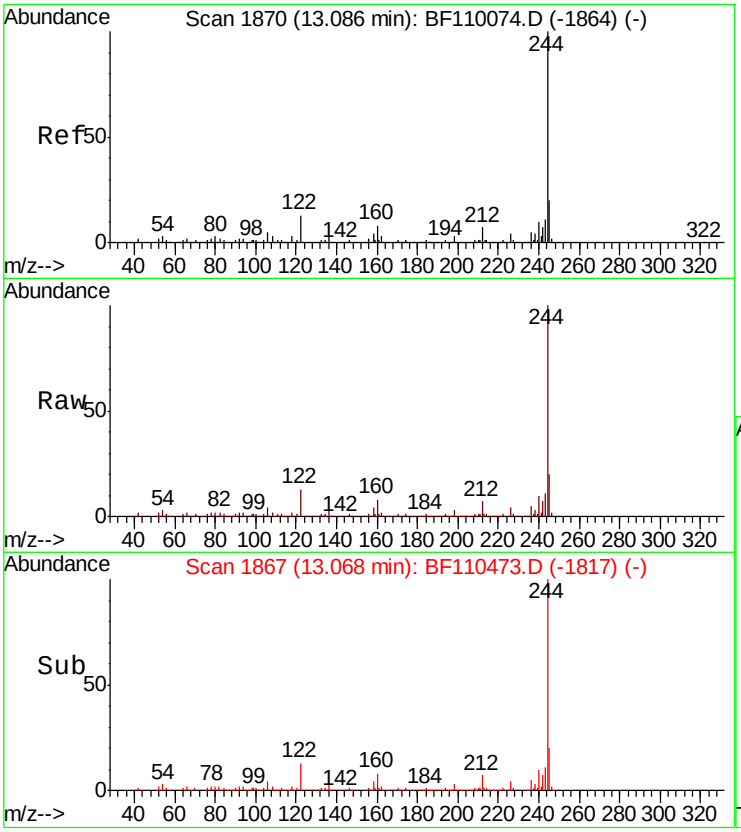


#78
Pyrene
Concen: 9.789 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Tgt Ion:202 Resp: 166577

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.8	26.6
203	17.3	14.2	21.4



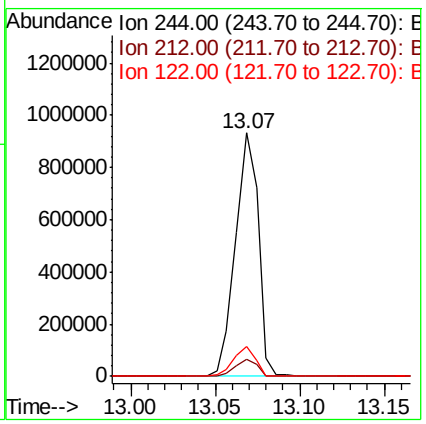


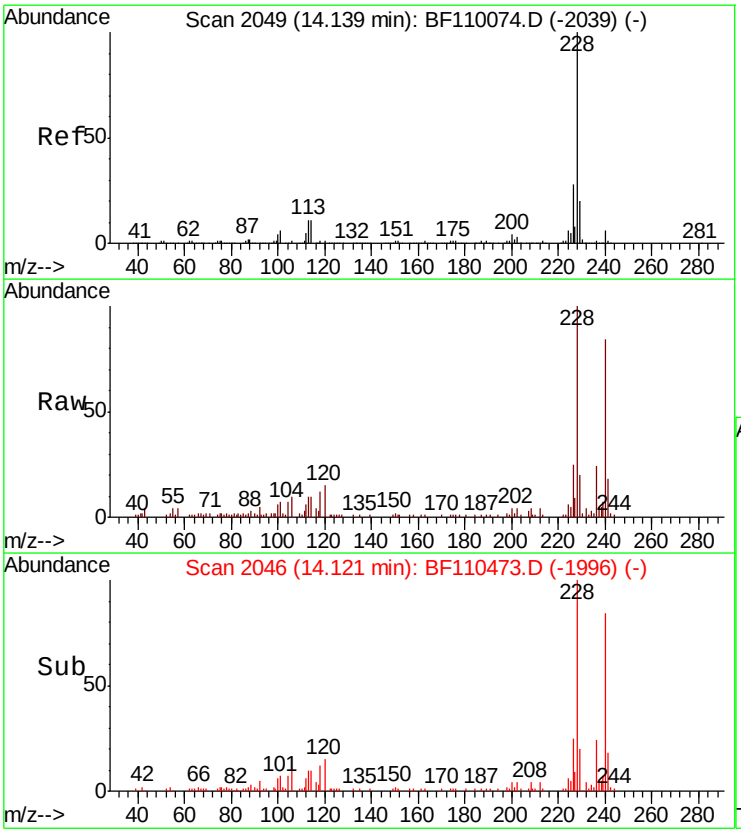
#79
Terphenyl-d14
Concen: 77.132 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Instrument :
BNA_F
ClientSampleId :
TP1-A

Tgt Ion:244 Resp: 880310

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.5	8.7	13.1

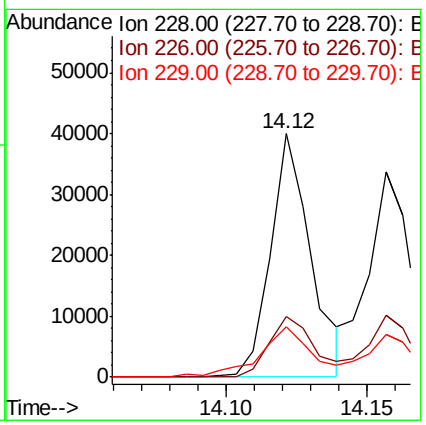


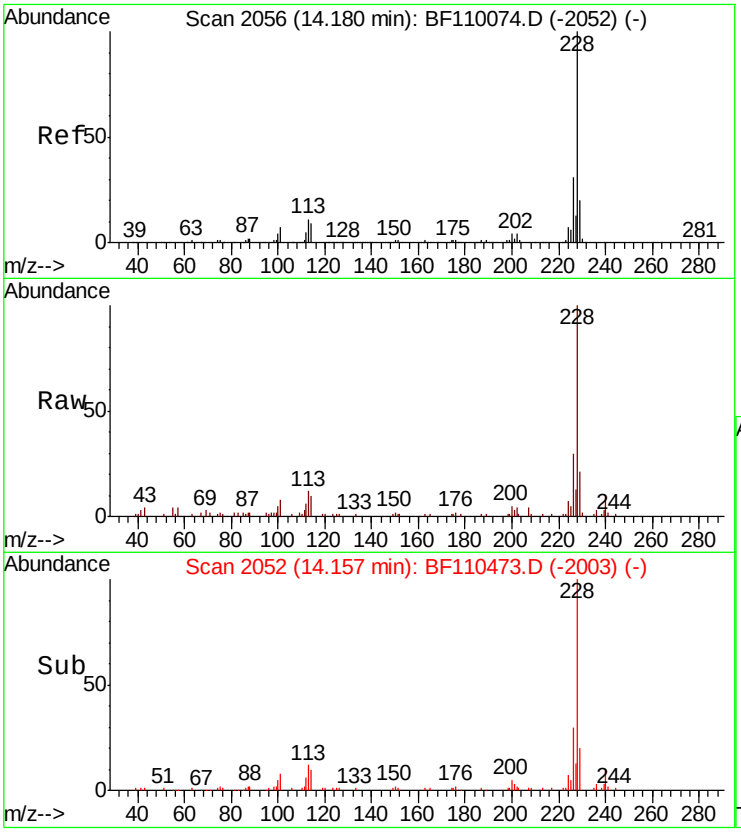


#81
Benzo(a)anthracene
Concen: 2.819 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Tgt Ion:228 Resp: 39684

Ion	Ratio	Lower	Upper
228	100		
226	25.0	22.1	33.1
229	20.5	15.6	23.4



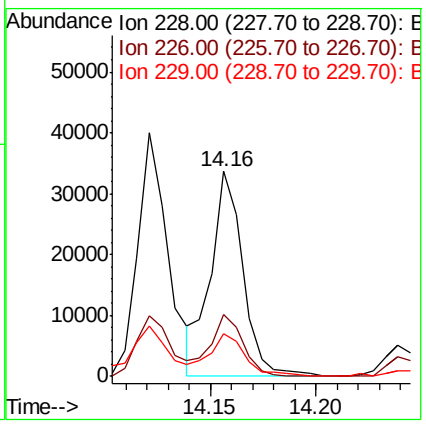


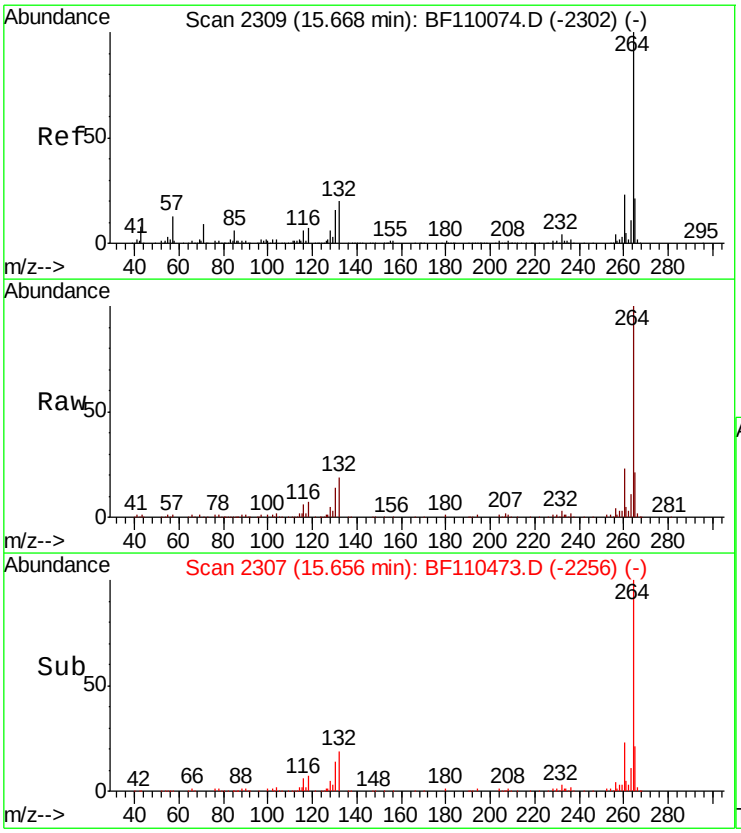
#83
Chrysene
Concen: 2.690 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Instrument :
BNA_F
ClientSampleId :
TP1-A

Tgt Ion:228 Resp: 35957

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.7	37.1
229	21.0	15.9	23.9

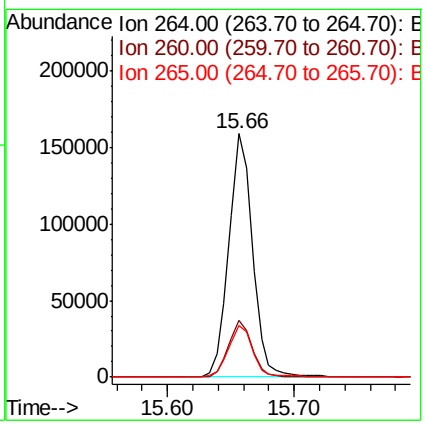


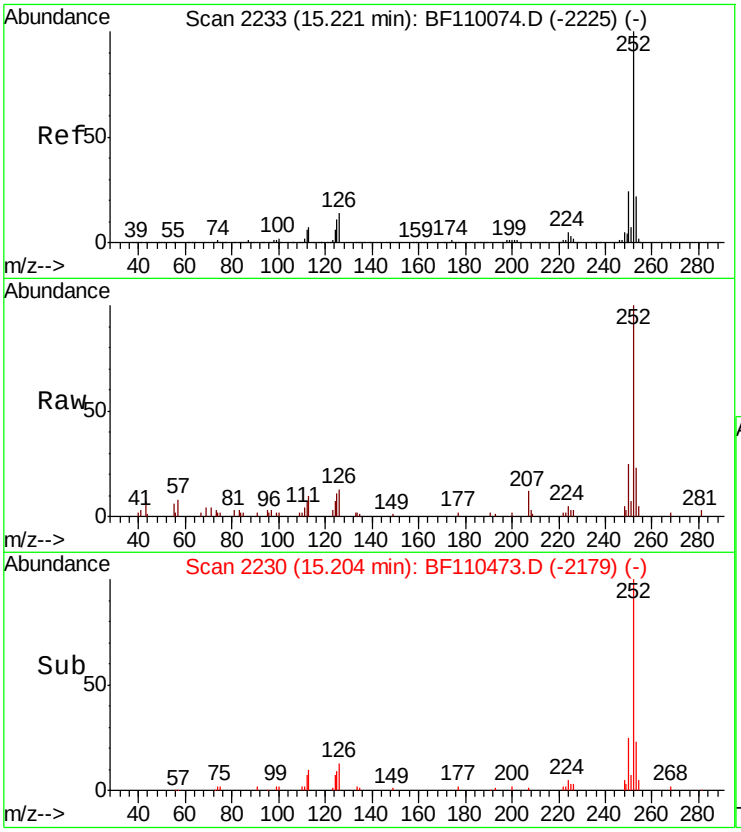


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Tgt Ion:264 Resp: 205910

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.3	16.7	25.1



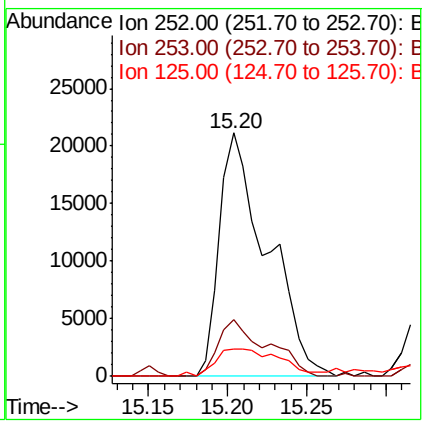


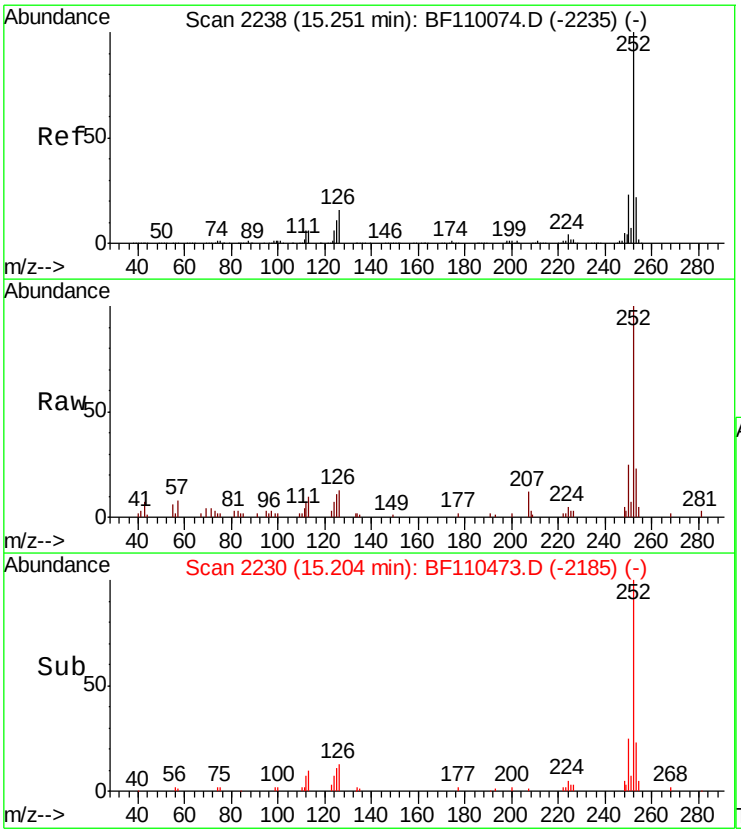
#88
Benzo(b)fluoranthene
Concen: 3.717 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Instrument :
BNA_F
ClientSampleId :
TP1-A

Tgt Ion:252 Resp: 44195

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	11.2	8.2	12.4

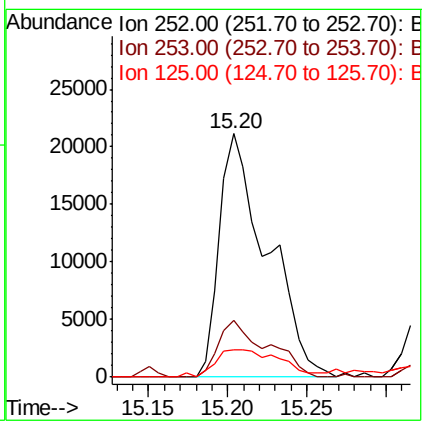


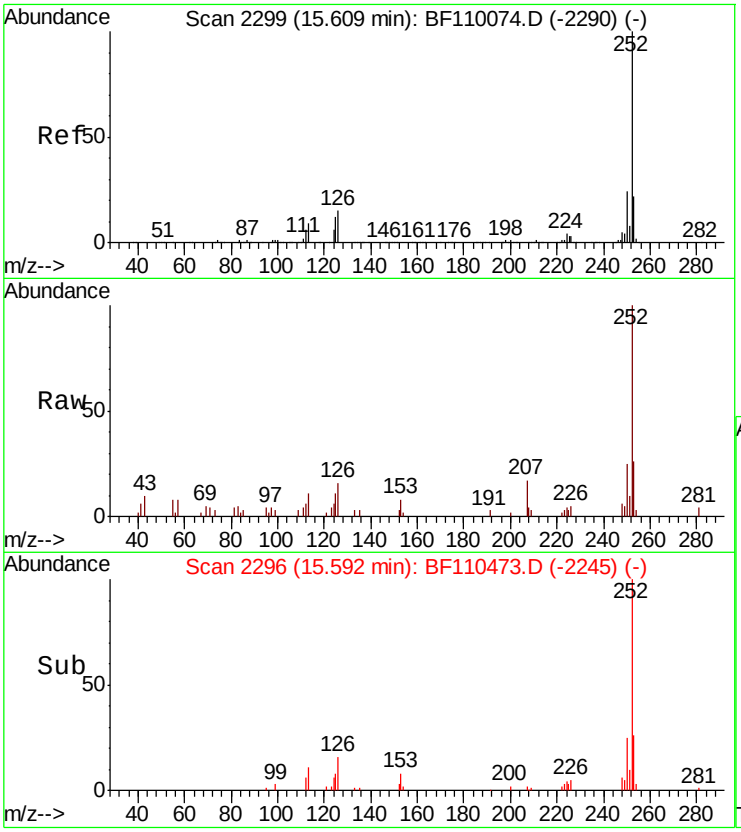


#89
Benzo(k)fluoranthene
Concen: 3.781 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Tgt Ion:252 Resp: 44195

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	11.2	7.4	11.0#





#90
Benzo(a)pyrene
Concen: 2.054 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BF110473.D
Acq: 5 Nov 2018 18:57

Instrument :
BNA_F
ClientSampleId :
TP1-A

Tgt Ion:252 Resp: 22472

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.2	27.4
125	11.4	9.0	13.6