Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\
Data File : BF110300.D
Acq On : 30 Oct 2018 14:00
Operator : JU/SJ
Sample : J5724-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 30 14:55:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 17:29:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	120067	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	491708	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	229032	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	395868	20.00	ng	0.00
76) Chrysene-d12	14.16	240	243899	20.00	ng	0.00
87) Perylene-d12	15.69	264	217451	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	601359	81.56	ng	0.01
7) Phenol-d6	6.59	99	777406	82.43	ng	0.00
23) Nitrobenzene-d5	7.53	82	495182	59.73	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	169539	74.73	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	777302	53.29	ng	0.00
79) Terphenyl-d14	13.09	244	550423	46.93	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	1671	Below Cal	#	1
10) Phenol	6.60	94	64032	6.352	ng	# 66
19) n-Nitroso-di-n-propylamine	7.53	70	63706	10.530	ng	# 78
25) Isophorone	7.53	82	495182	35.042	ng	# 67
48) 2-Nitroaniline	9.43	65	71063	15.436	ng	# 16
50) Dimethylphthalate	9.72	163	94331	5.580	ng	99
57) 2,4-Dinitrotoluene	10.01	165	29000	6.269	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	10906	2.540	ng	# 1
71) Phenanthrene	11.53	178	94958	4.584	ng	98
75) Fluoranthene	12.73	202	181146	8.617	ng	99
77) Benzidine	13.09	184	7081	Below Cal		96
78) Pyrene	12.96	202	153761	8.794	ng	99
81) Benzo(a)anthracene	14.14	228	65953	4.560	ng	98
83) Chrysene	14.18	228	61471	4.475	ng	98
86) Indeno(1,2,3-cd)pyrene	17.26	276	28701	2.518	ng	95
88) Benzo(b)fluoranthene	15.23	252	98819	7.870	ng	# 95
89) Benzo(k)fluoranthene	15.23	252	98819	8.005	ng	# 95
90) Benzo(a)pyrene	15.62	252	50589	4.378	ng	98
92) Benzo(g,h,i)perylene	17.74	276	25815	2.628	ng	# 93

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

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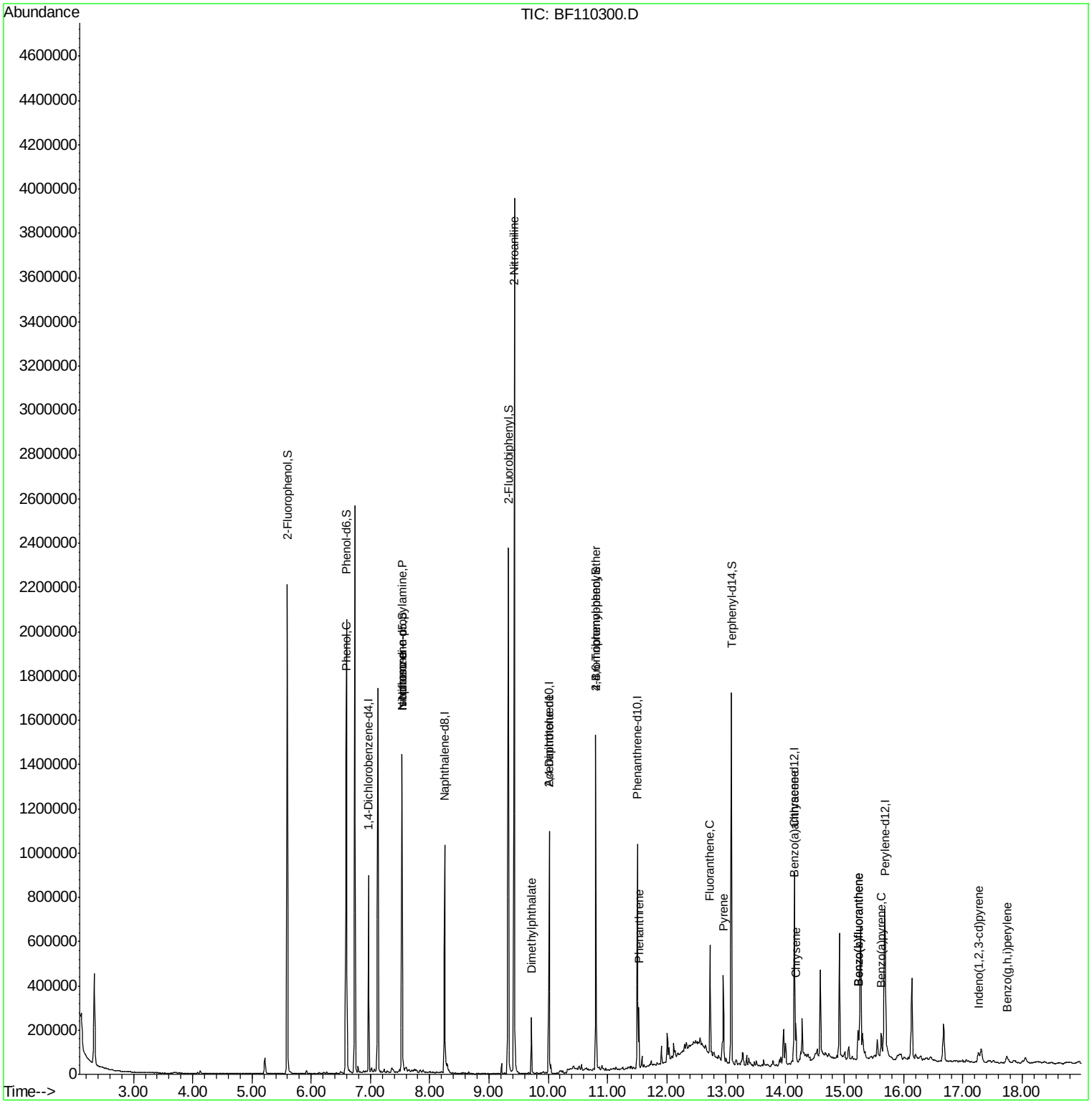
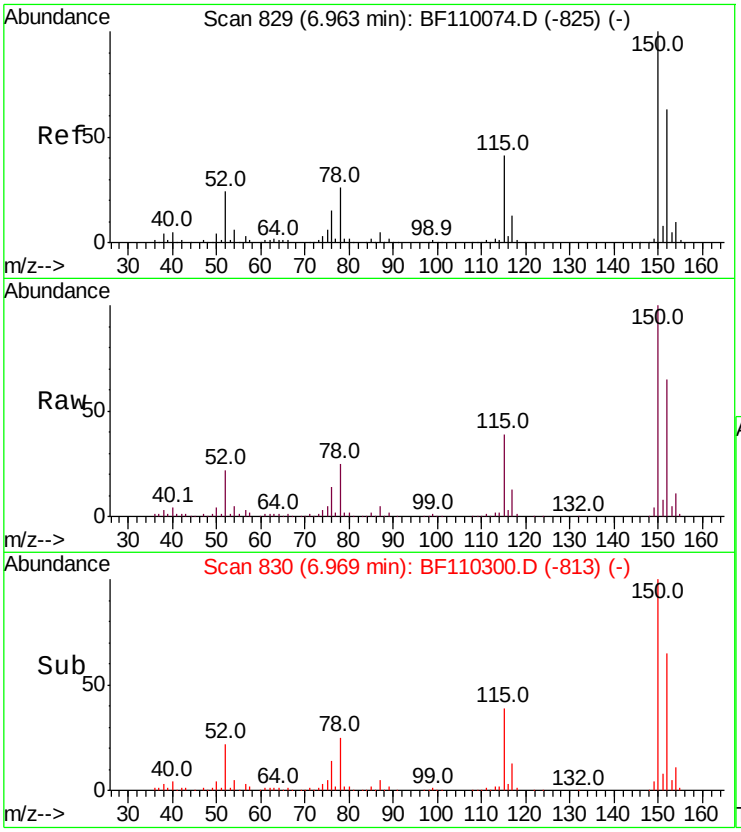


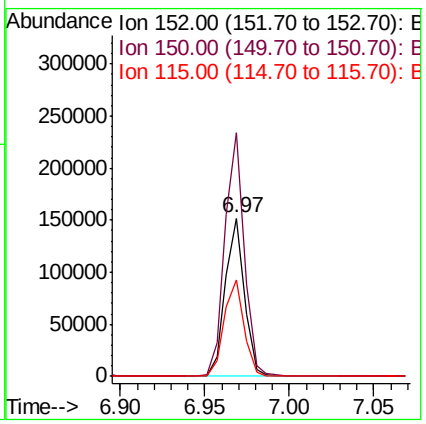


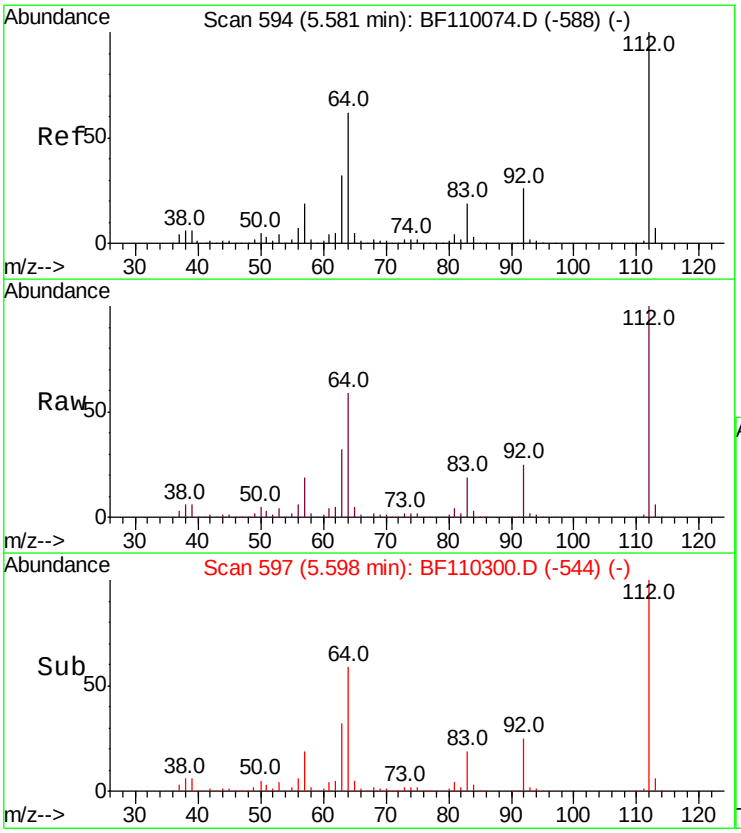
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 120067

Ion	Ratio	Lower	Upper
152	100		
150	154.0	122.7	184.1
115	60.7	49.1	73.7

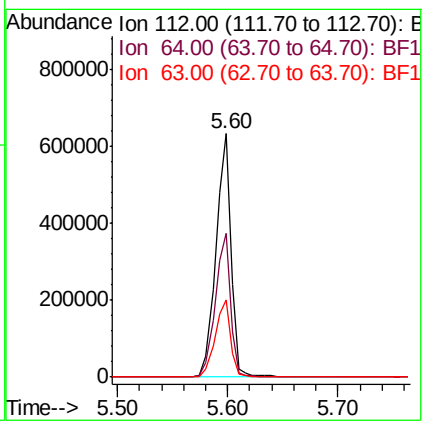


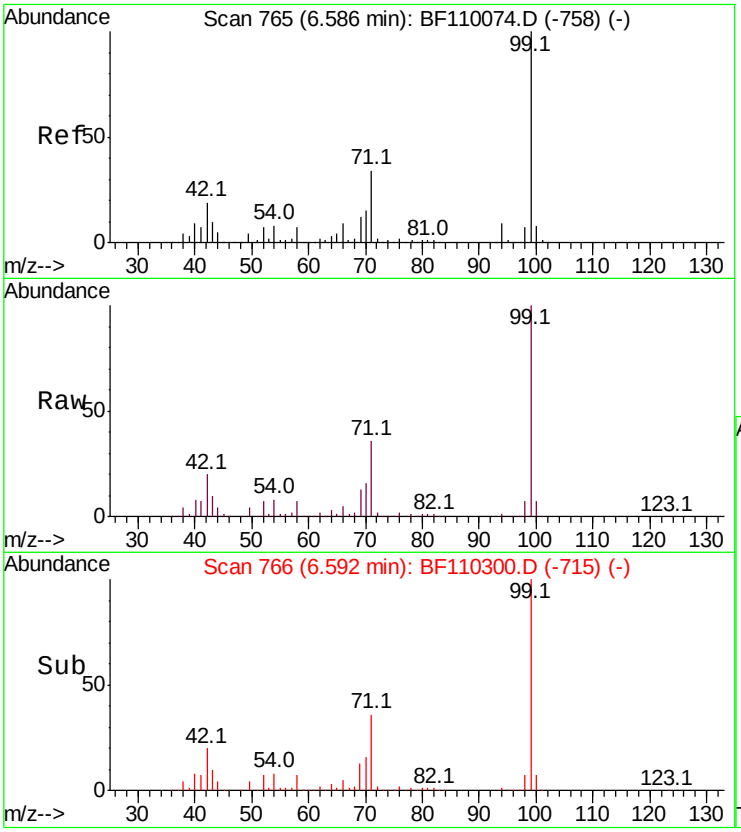


#5
2-Fluorophenol
Concen: 81.561 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Tgt Ion:112 Resp: 601359

Ion	Ratio	Lower	Upper
112	100		
64	59.1	44.1	66.1
63	31.7	23.7	35.5



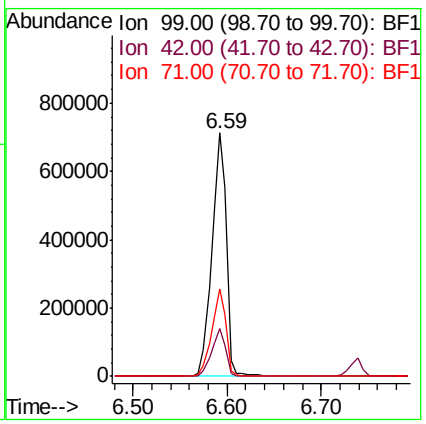


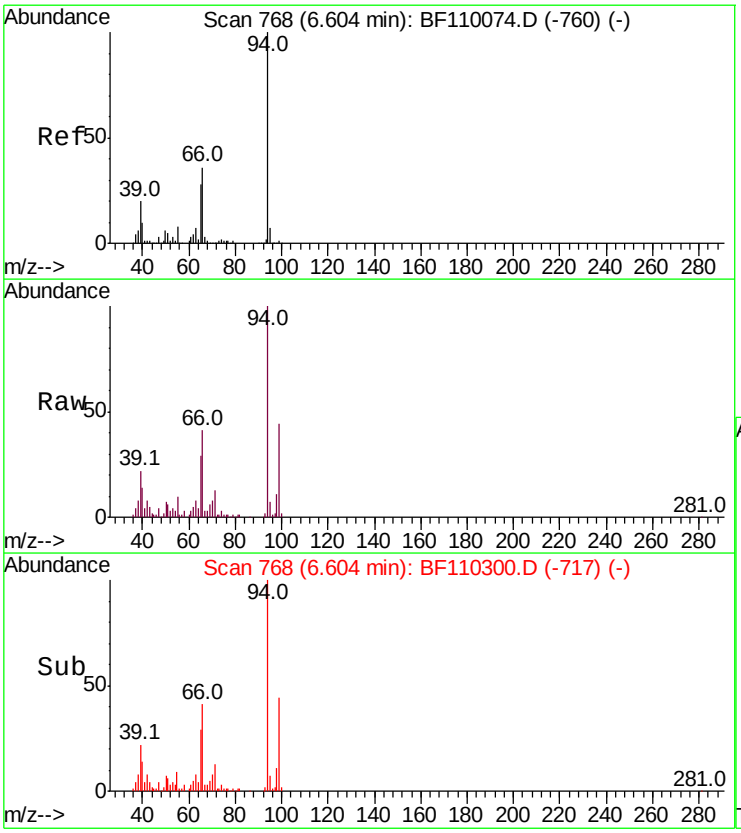
#7
Phenol-d6
Concen: 82.433 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 777406

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.8	23.6
71	35.9	28.0	42.0

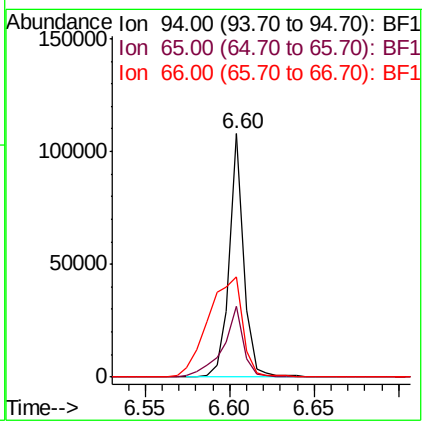


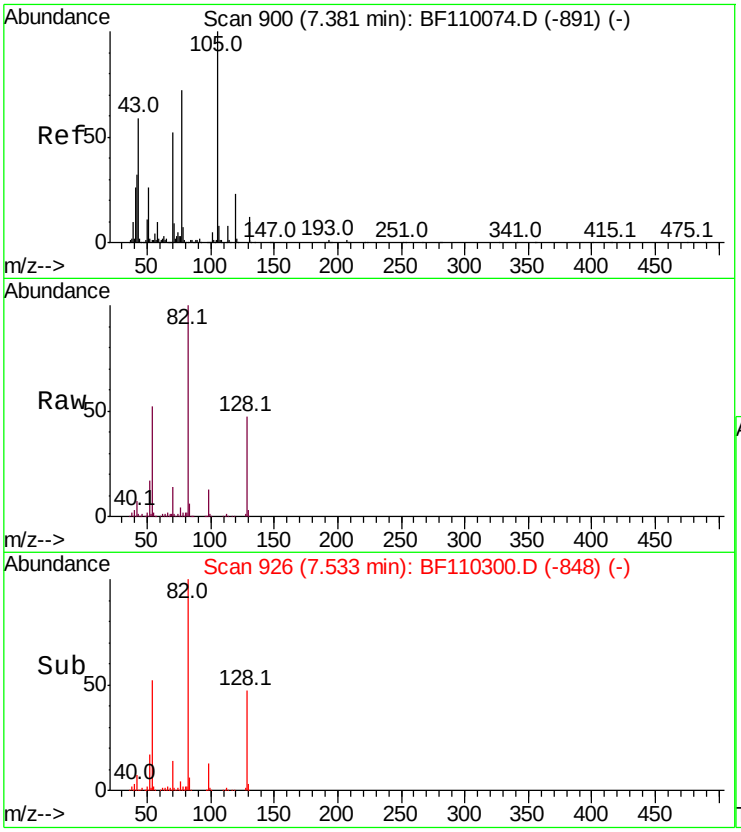


#10
Phenol
Concen: 6.352 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Tgt Ion: 94 Resp: 64032

Ion	Ratio	Lower	Upper
94	100		
65	28.9	25.3	65.3
66	41.3	54.5	94.5#



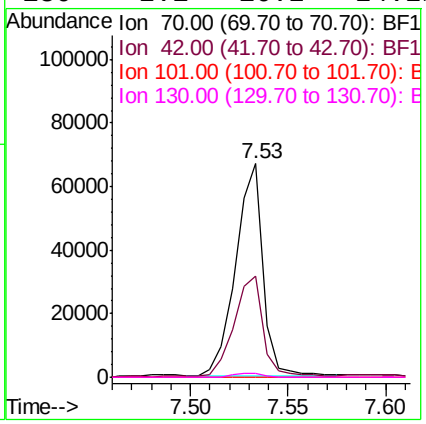


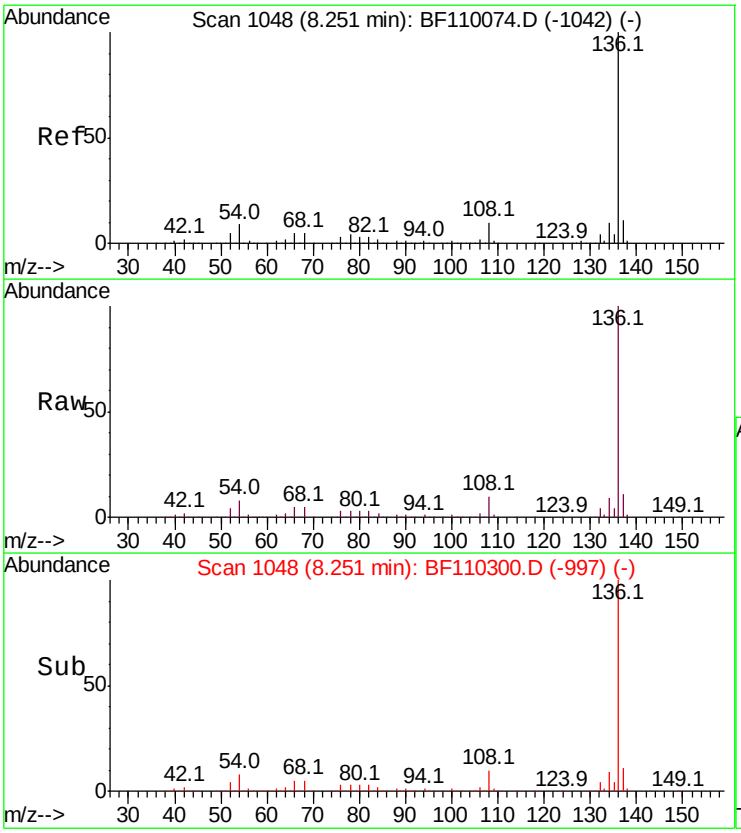
#19
n-Nitroso-di-n-propylamine
Concen: 10.530 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.16 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 63706

Ion	Ratio	Lower	Upper
70	100		
42	47.6	47.4	71.2
101	0.0	7.3	10.9#
130	2.1	16.2	24.2#

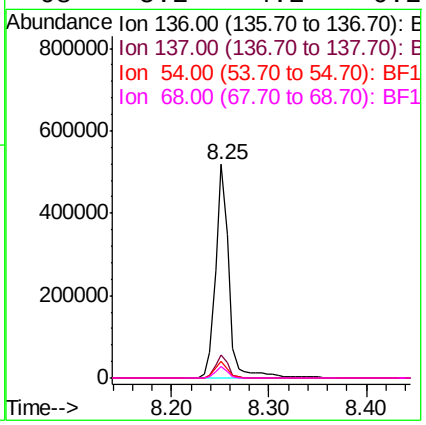


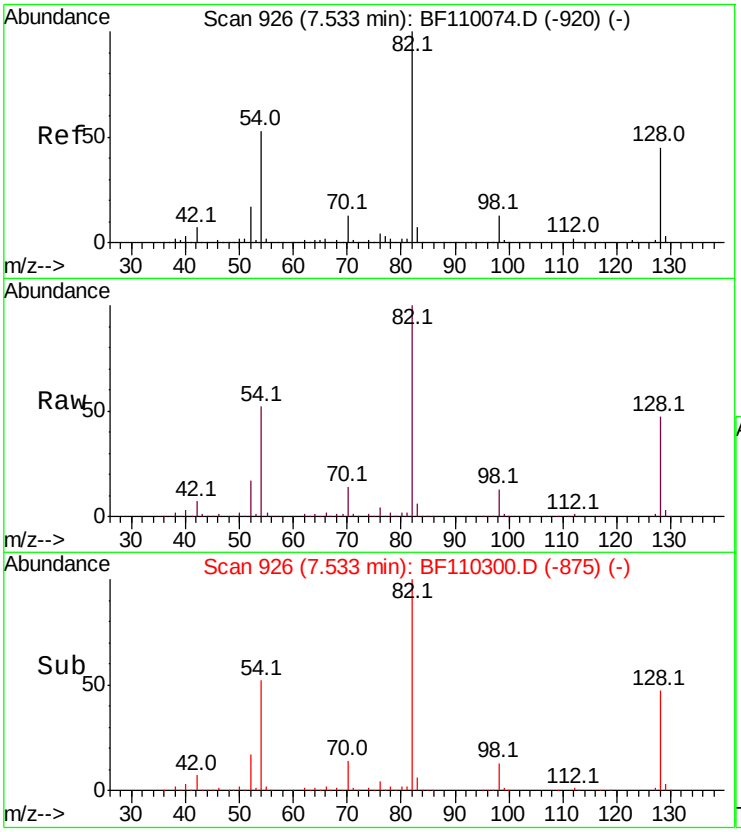


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Tgt Ion:136 Resp: 491708

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.9	5.4	8.2
68	5.2	4.2	6.2



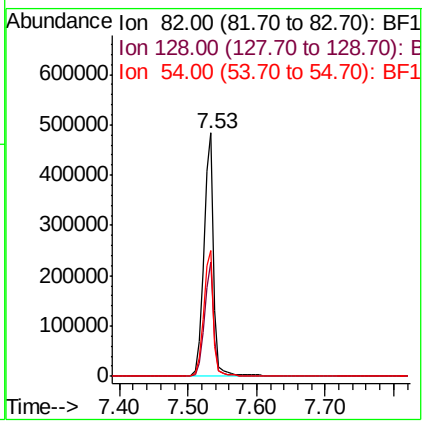


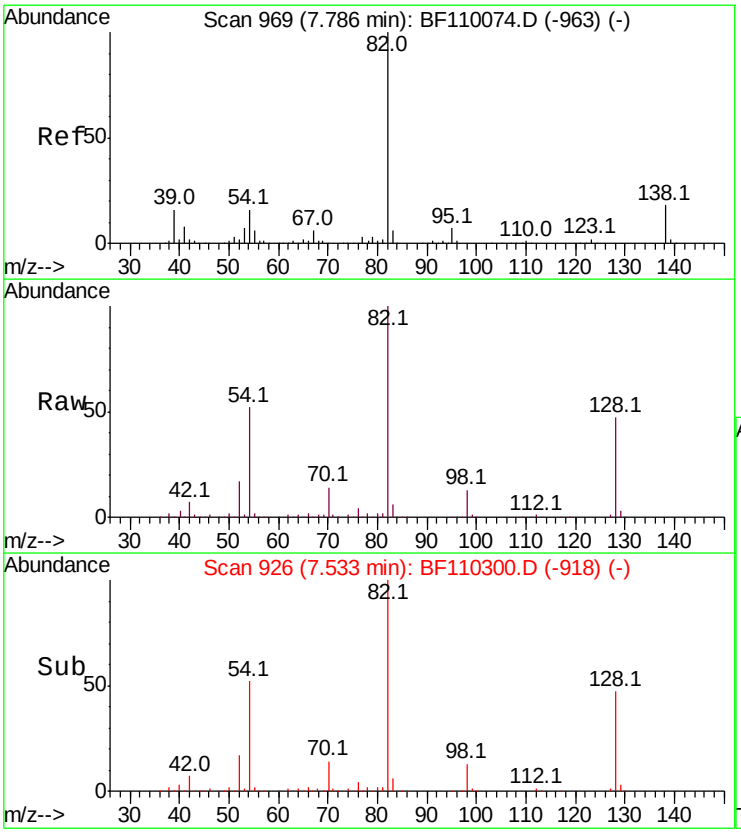
#23
Nitrobenzene-d5
Concen: 59.732 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 495182

Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.2	51.2
54	51.7	38.6	58.0

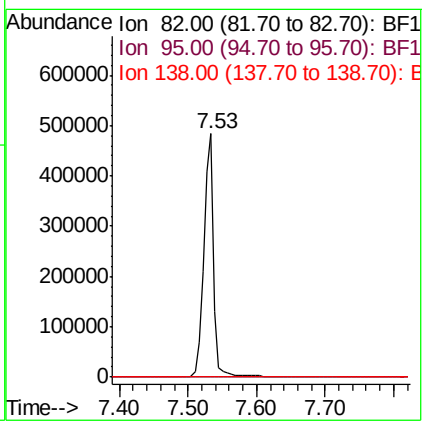


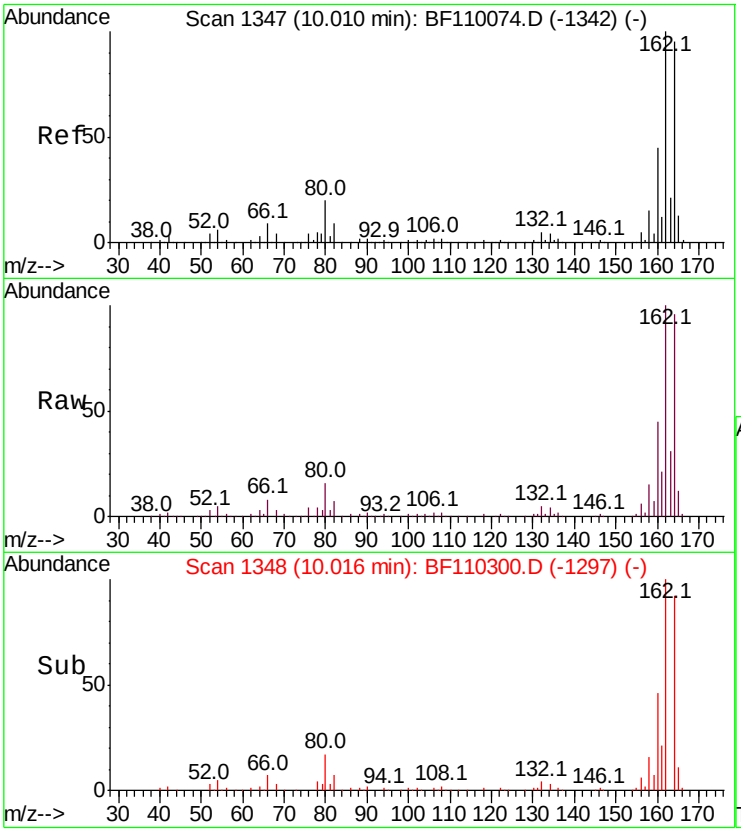


#25
Isophorone
Concen: 35.042 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Tgt Ion: 82 Resp: 495182

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.7	8.5#
138	0.0	13.2	19.8#



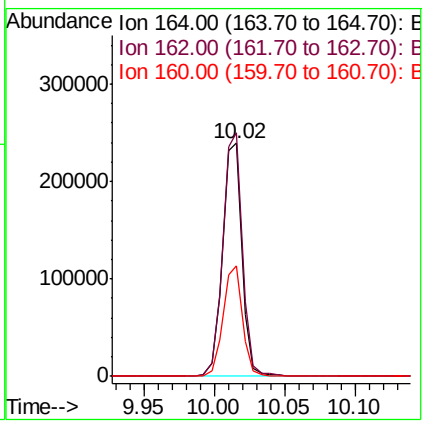


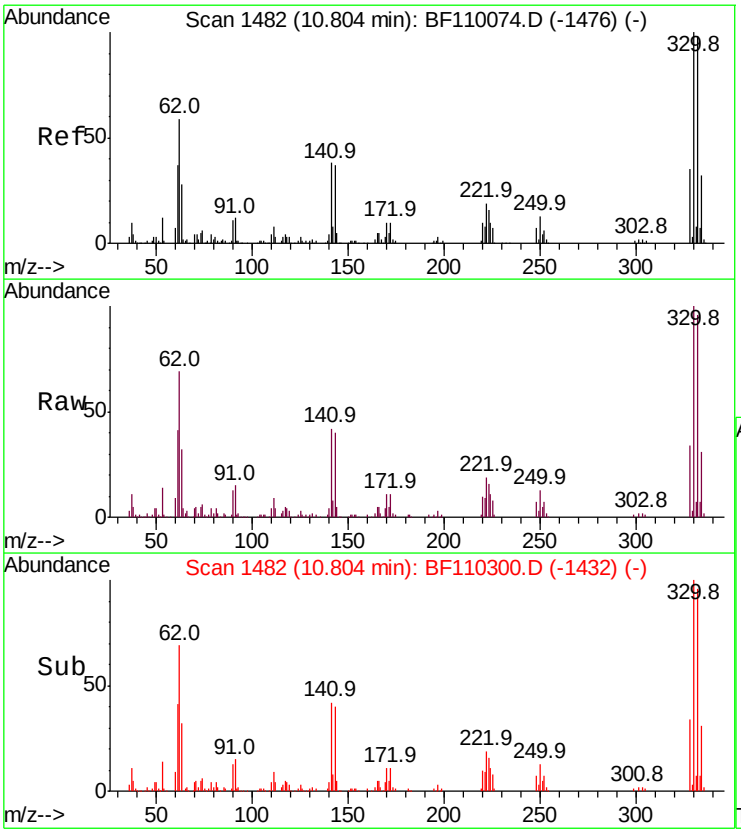
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 229032

Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.0	124.6
160	47.5	37.0	55.6

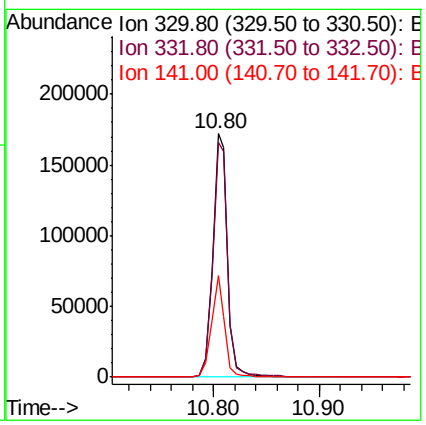


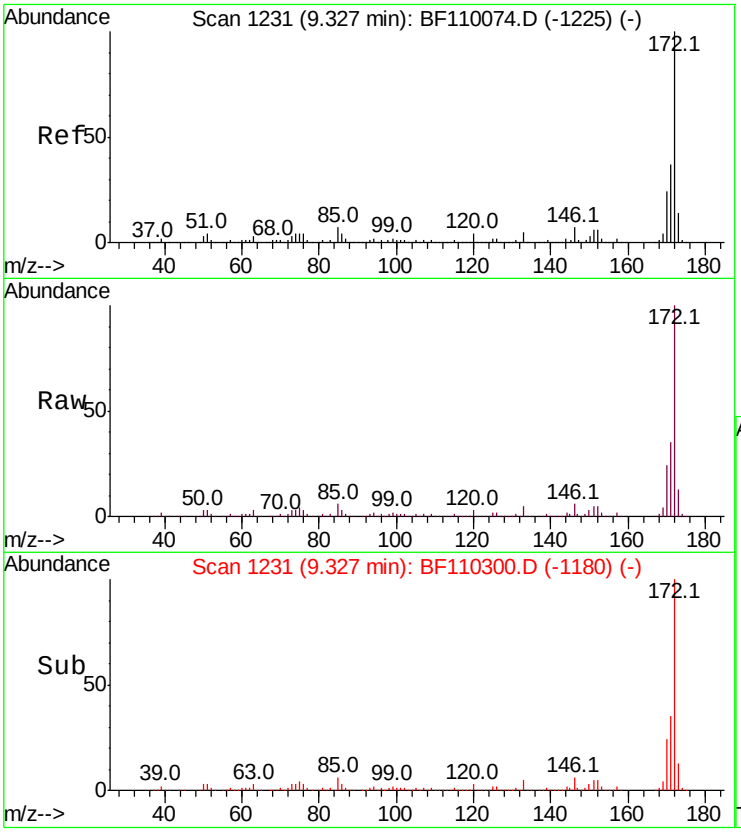


#42
2,4,6-Tribromophenol
Concen: 74.729 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Tgt Ion:330 Resp: 169539

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.1	115.7
141	37.3	27.0	40.4



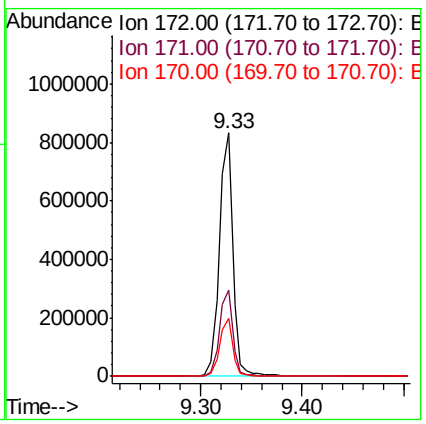


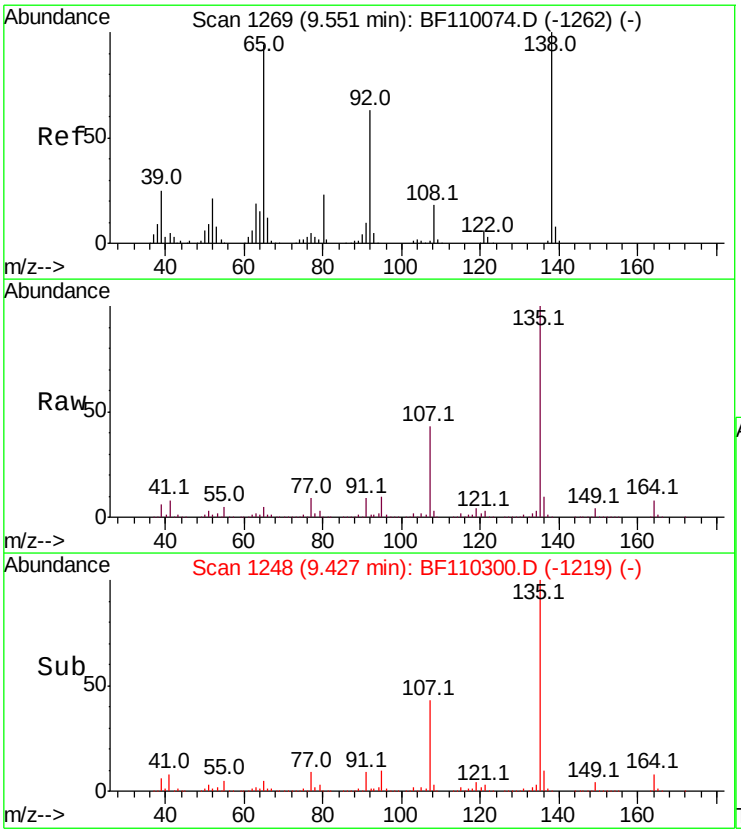
#45
2-Fluorobiphenyl
Concen: 53.292 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 777302

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	43.0
170	23.9	19.7	29.5

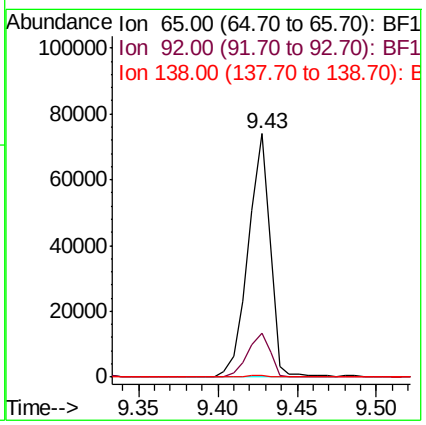


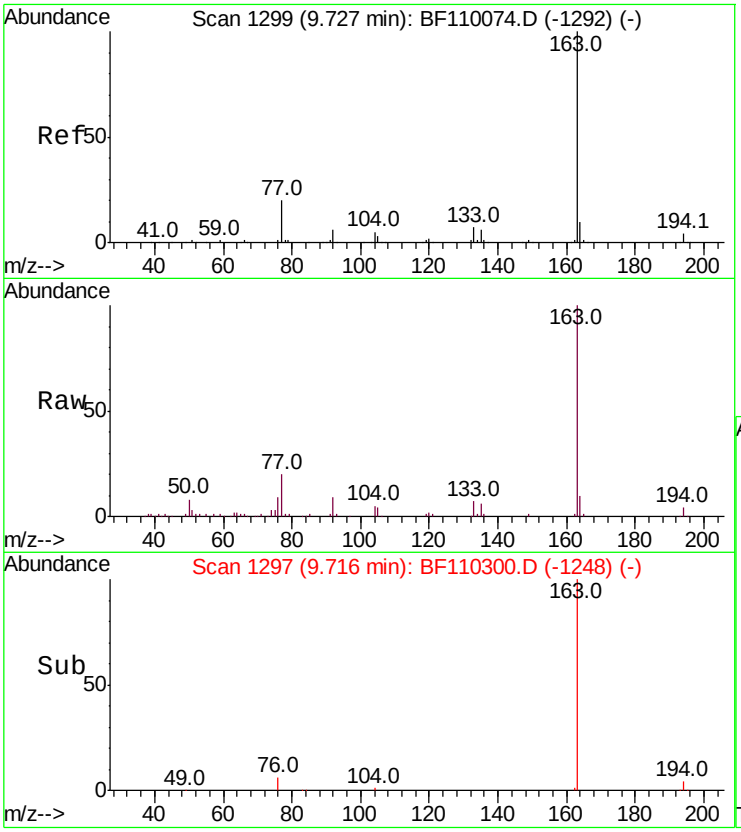


#48
2-Nitroaniline
Concen: 15.436 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.13 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Tgt Ion: 65 Resp: 71063

Ion	Ratio	Lower	Upper
65	100		
92	18.1	54.6	81.8#
138	0.7	80.3	120.5#



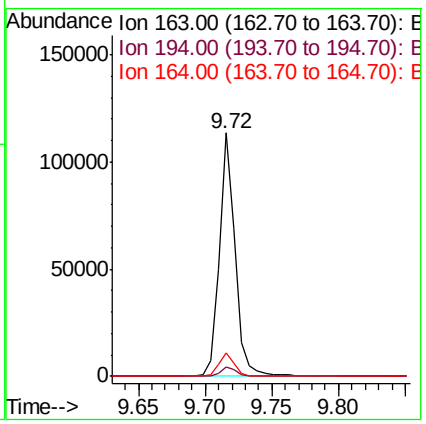


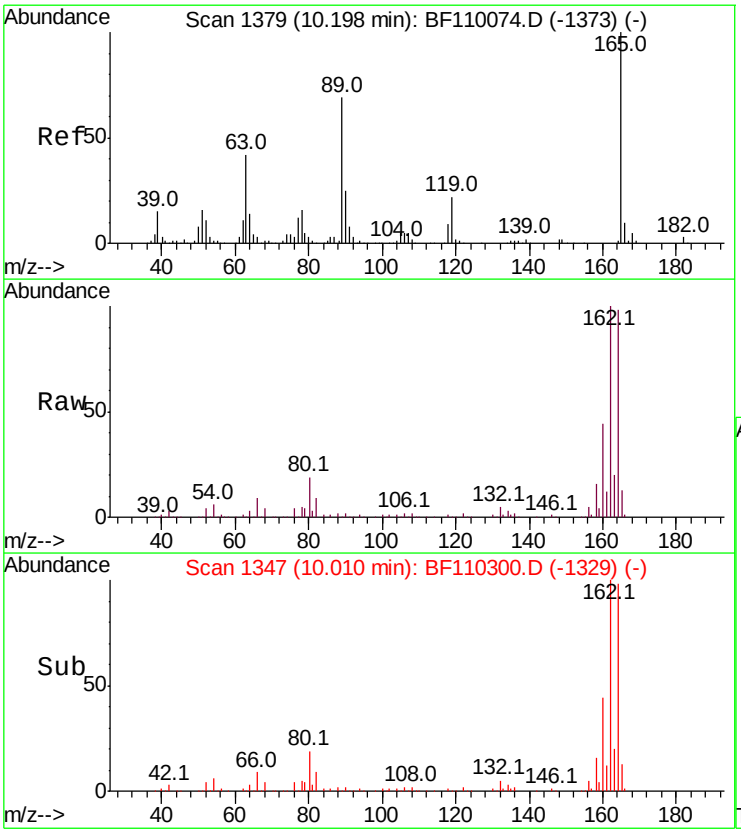
#50
Dimethylphthalate
Concen: 5.580 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 94331

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	9.9	8.1	12.1

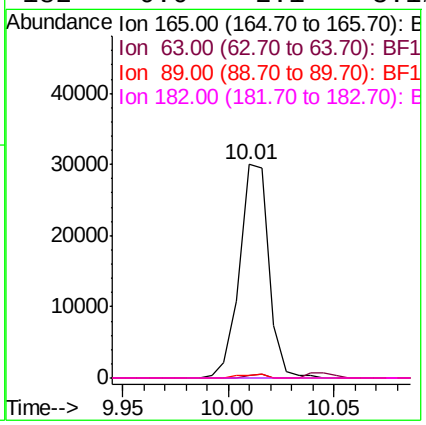


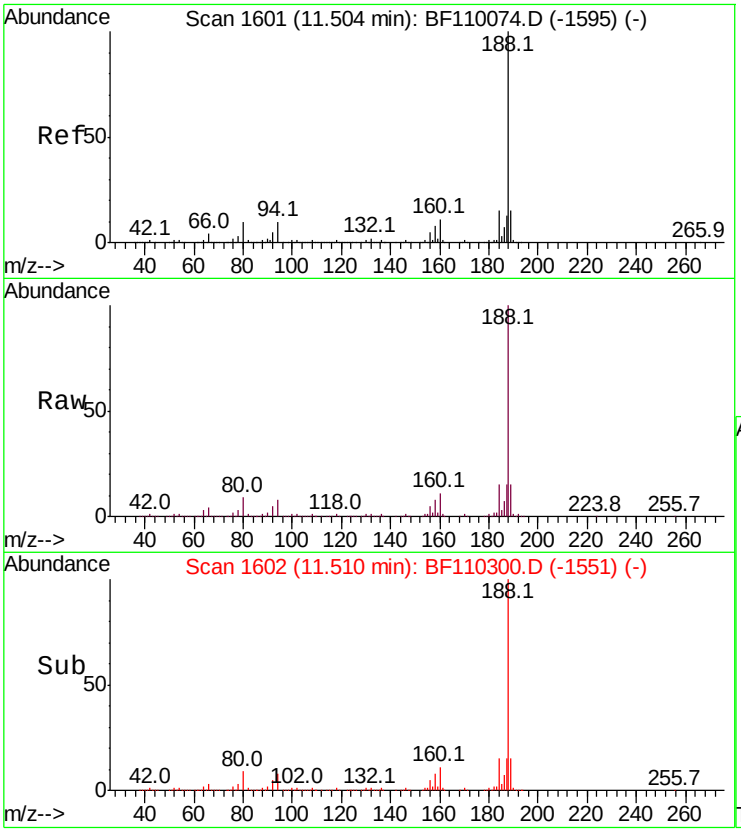


#57
2,4-Dinitrotoluene
Concen: 6.269 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.19 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Tgt Ion:165 Resp: 29000

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.8	67.2#
89	1.0	62.2	93.4#
182	0.0	2.1	3.1#



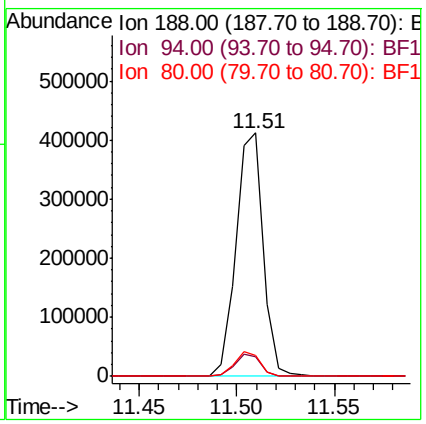


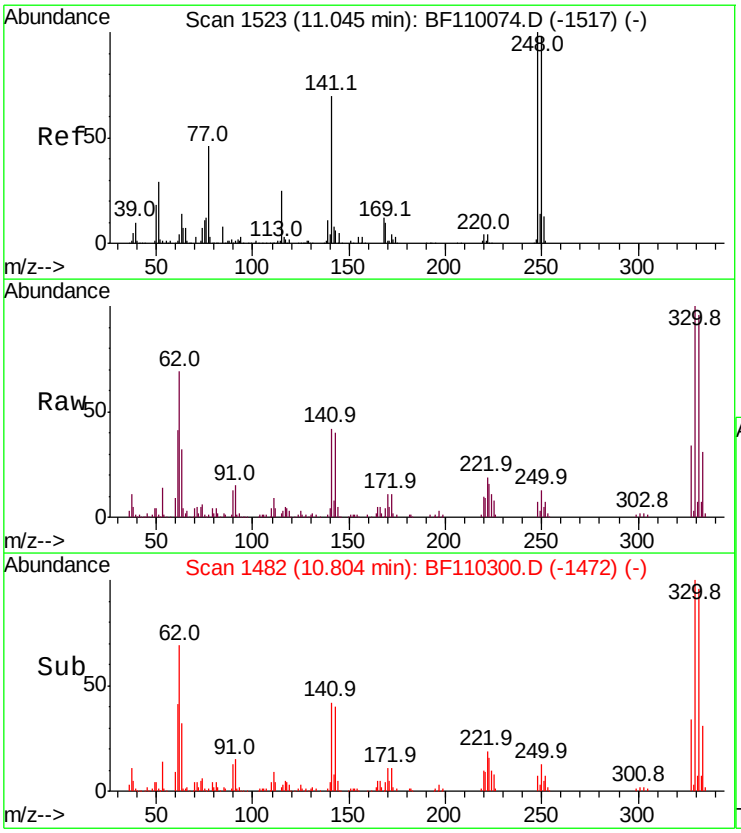
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 395868

Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.2	10.8
80	8.6	7.9	11.9

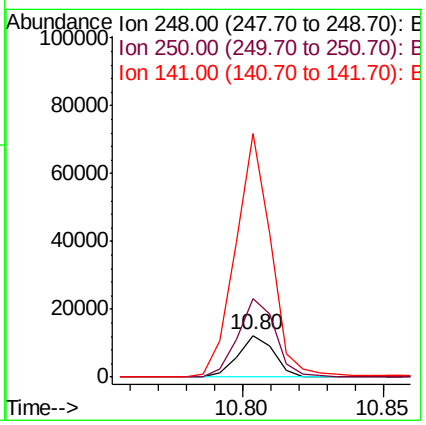


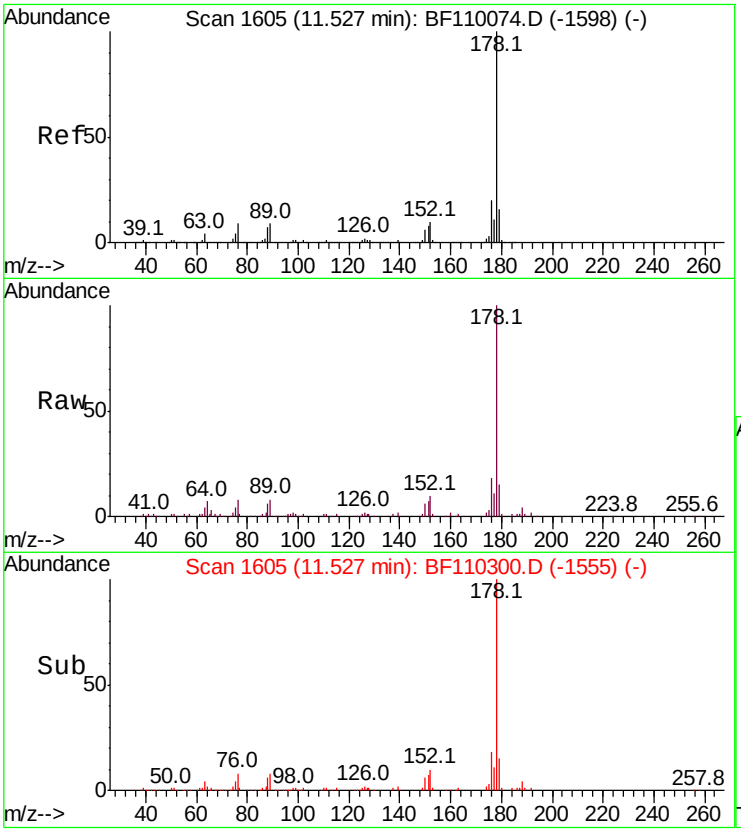


#67
4-Bromophenyl-phenylether
Concen: 2.540 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.24 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Tgt Ion:248 Resp: 10906

Ion	Ratio	Lower	Upper
248	100		
250	186.9	79.4	119.2#
141	581.1	55.9	83.9#



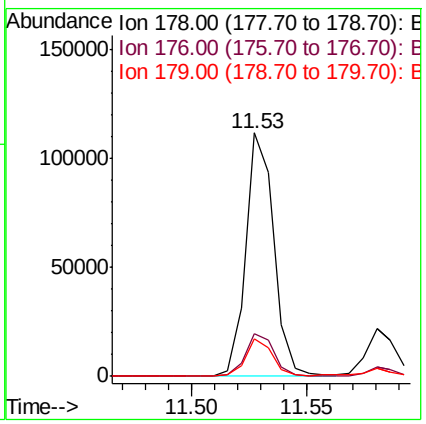


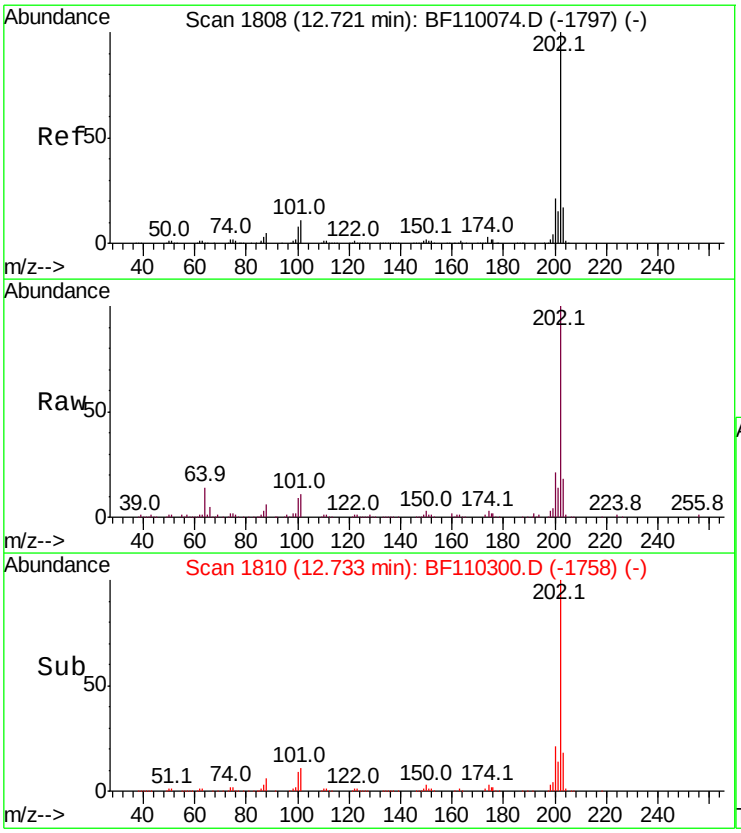
#71
Phenanthrene
Concen: 4.584 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 94958

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.5	23.3
179	15.3	12.5	18.7

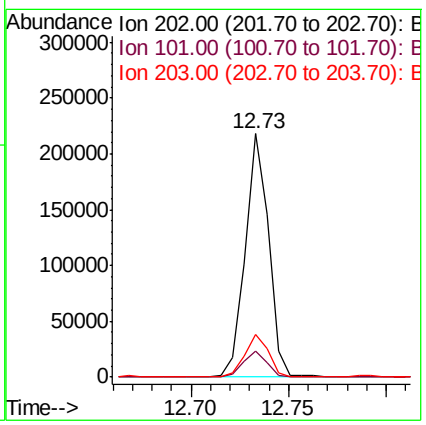


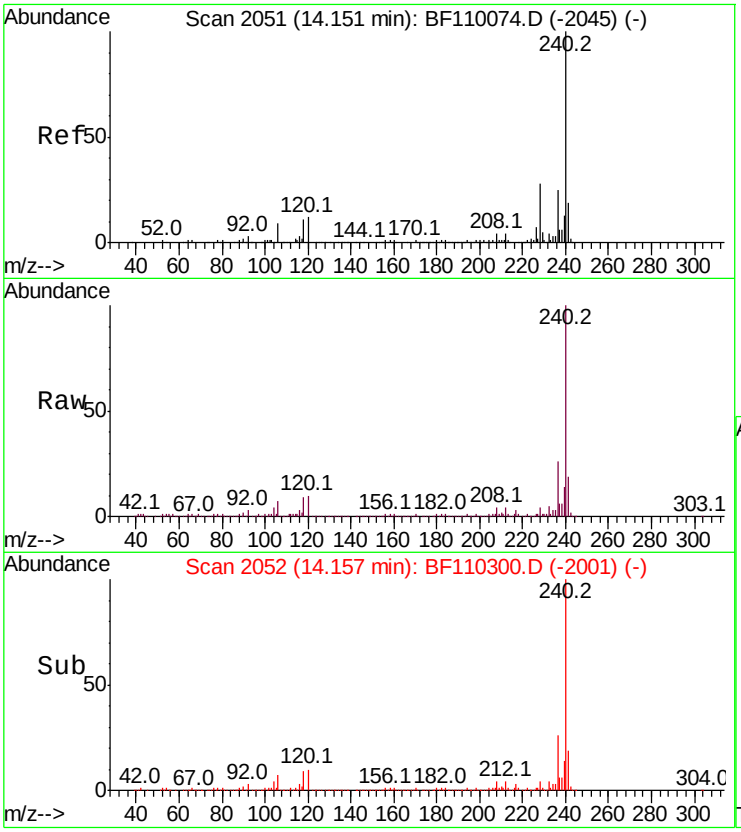


#75
Fluoranthene
Concen: 8.617 ng
RT: 12.73 min Scan# 1810
Delta R.T. 0.01 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Tgt Ion:202 Resp: 181146

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.4
203	17.7	0.0	37.7



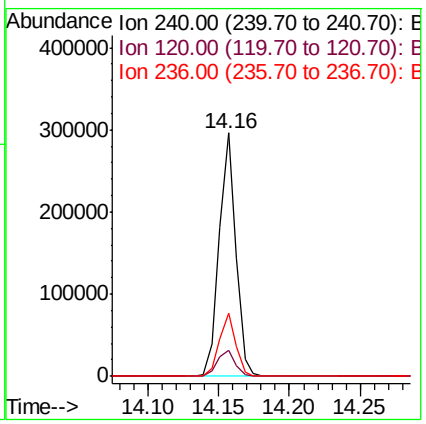


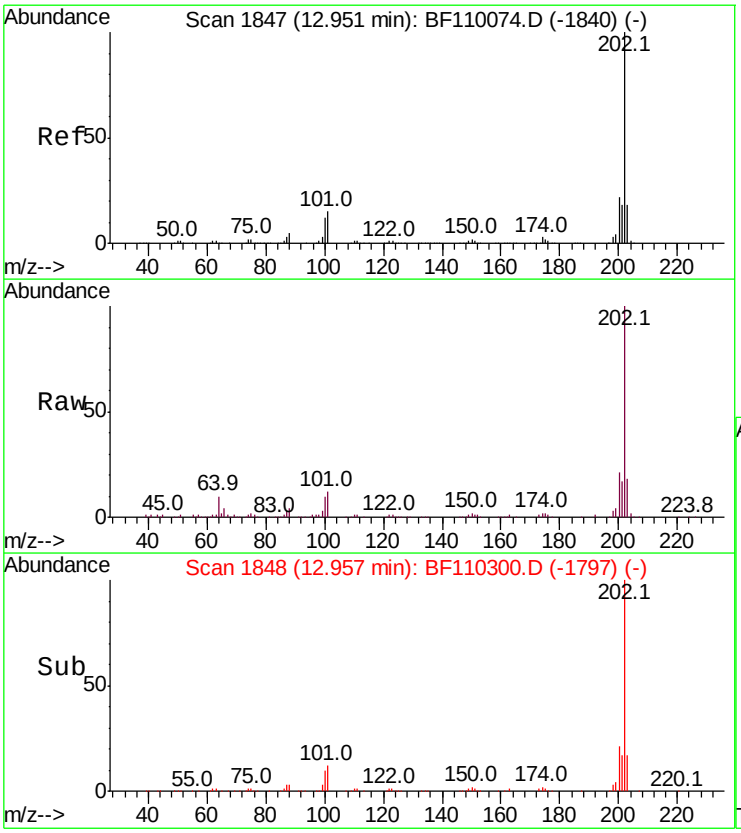
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 243899

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.3	12.5
236	25.9	21.2	31.8

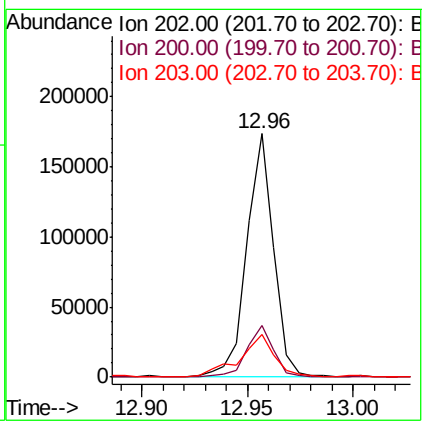


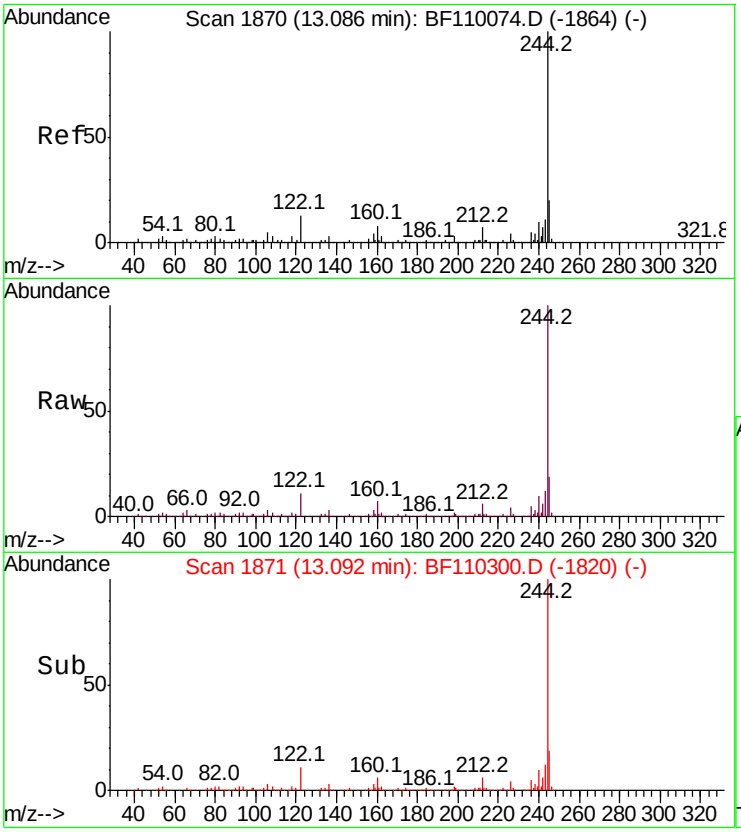


#78
Pyrene
Concen: 8.794 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Tgt Ion:202 Resp: 153761

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.8	26.6
203	17.7	14.2	21.4



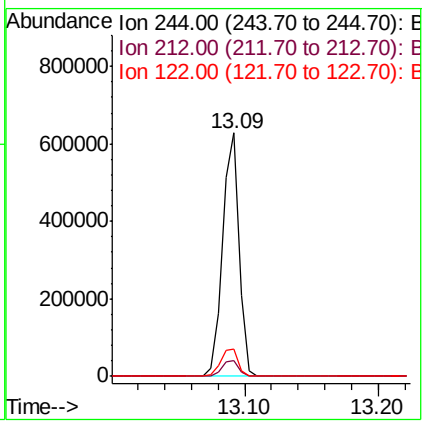


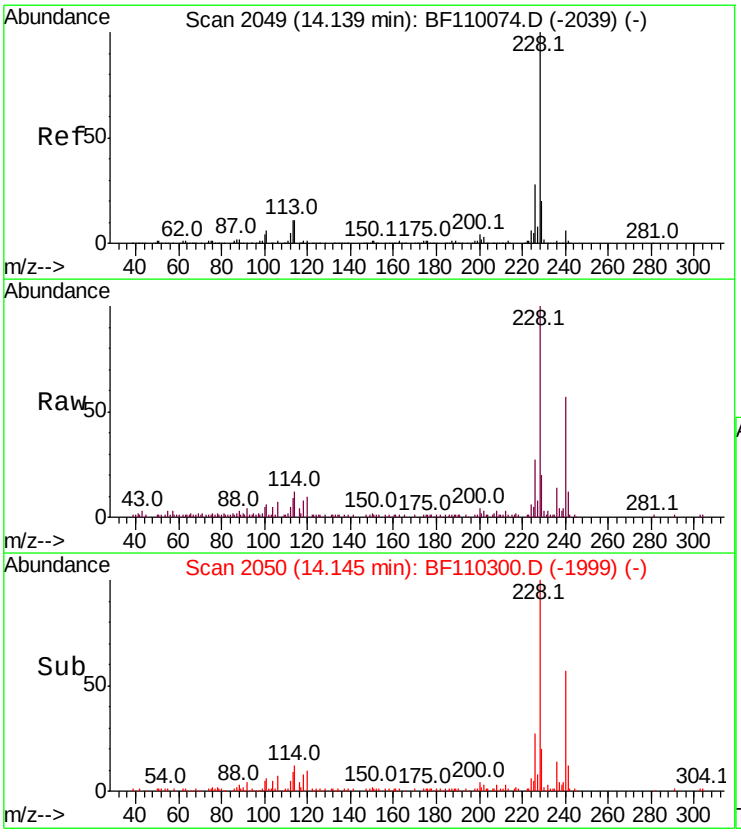
#79
Terphenyl-d14
Concen: 46.934 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.00 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 550423

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	11.0	8.7	13.1

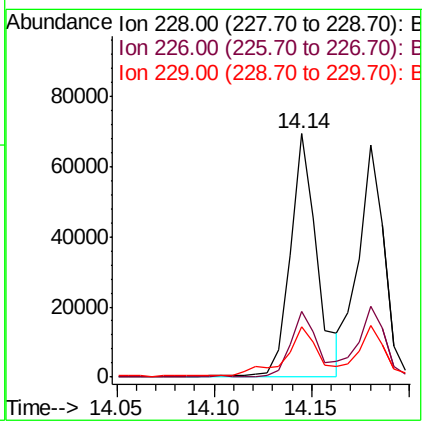


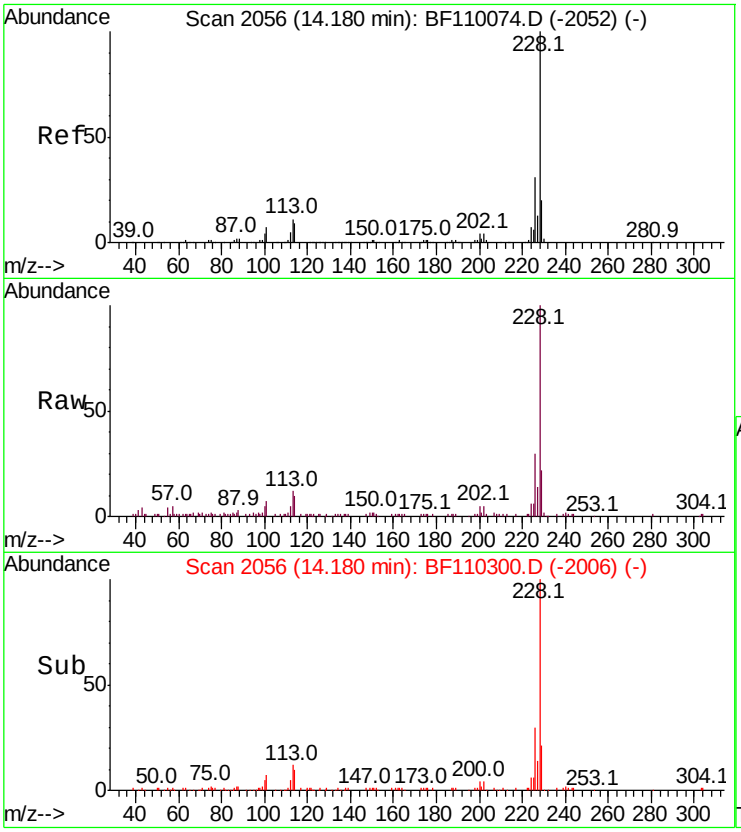


#81
Benzo(a)anthracene
Concen: 4.560 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Tgt Ion:228 Resp: 65953

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.1	33.1
229	20.5	15.6	23.4



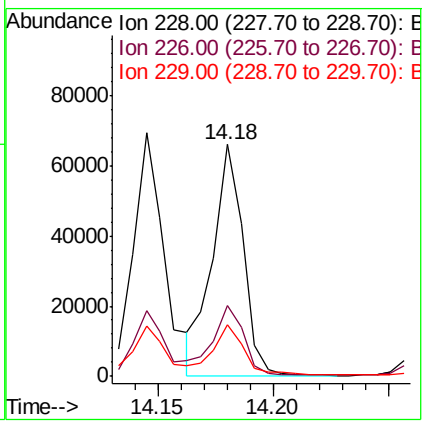


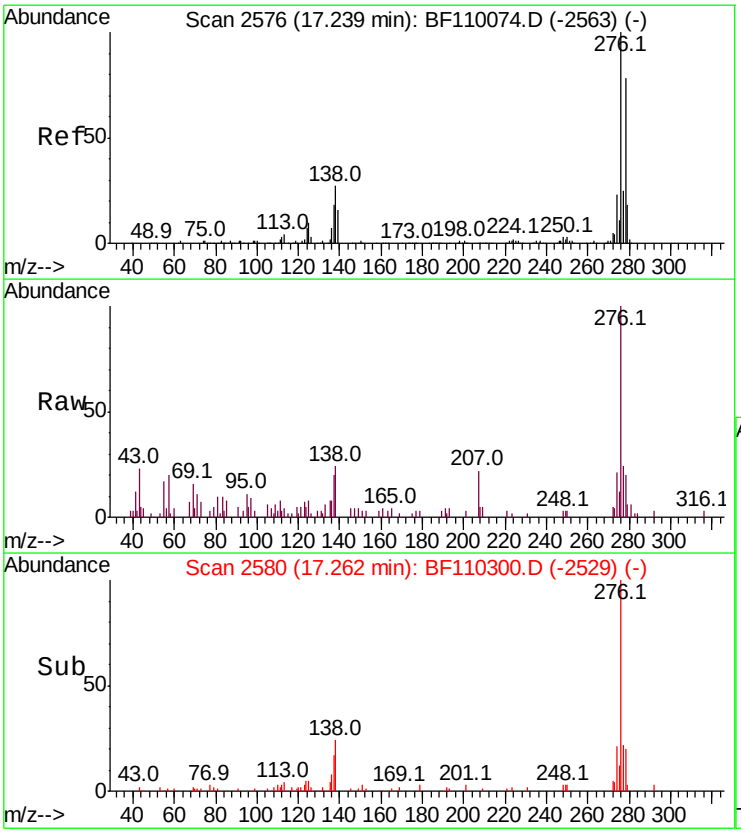
#83
Chrysene
Concen: 4.475 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 61471

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.7	37.1
229	22.0	15.9	23.9

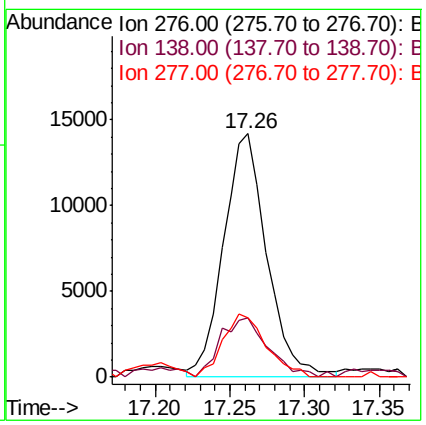


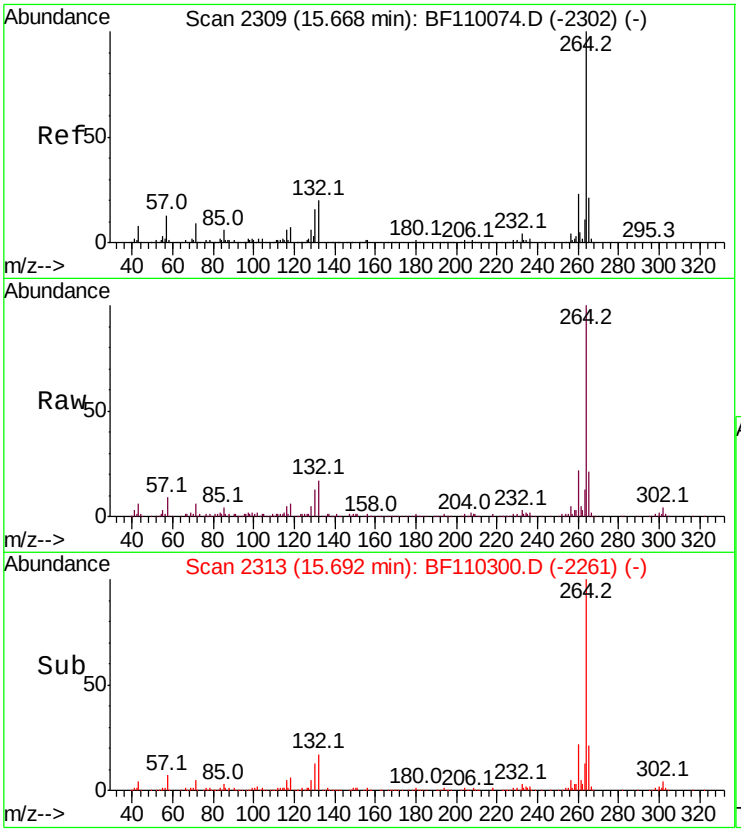


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.518 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.00 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Tgt Ion:276 Resp: 28701

Ion	Ratio	Lower	Upper
276	100		
138	26.7	18.5	27.7
277	26.0	20.0	30.0



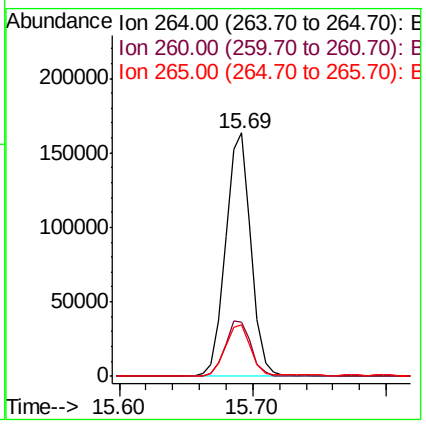


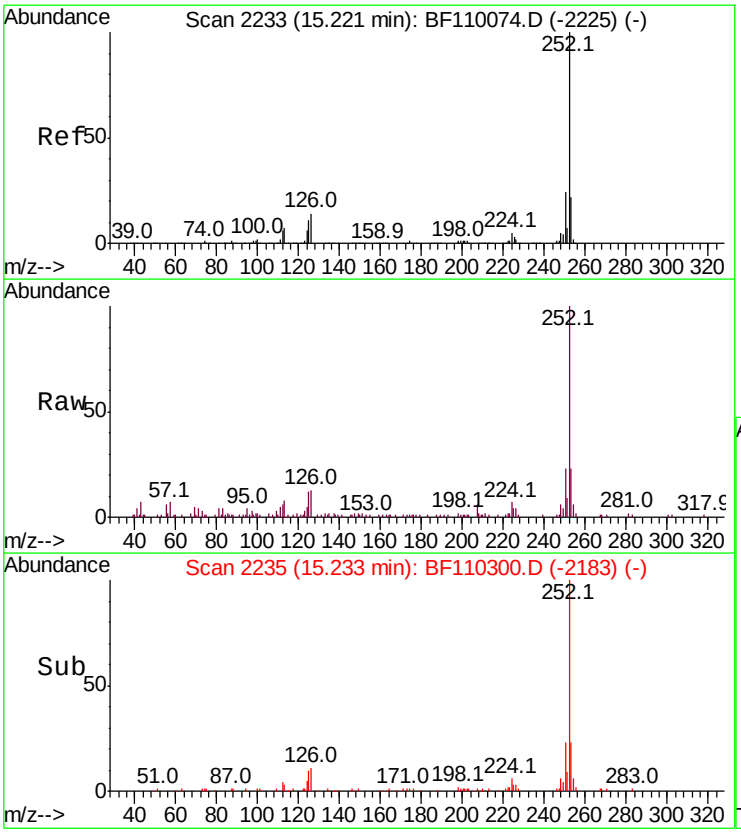
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. 0.01 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 217451

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.7	28.1
265	21.1	16.7	25.1

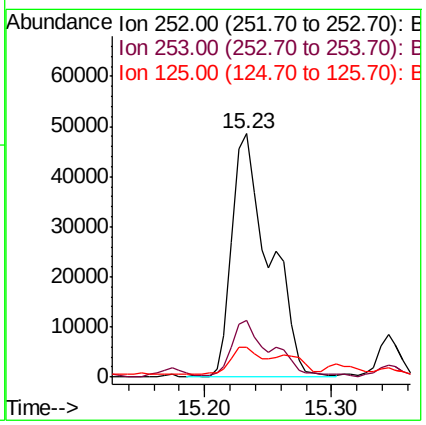


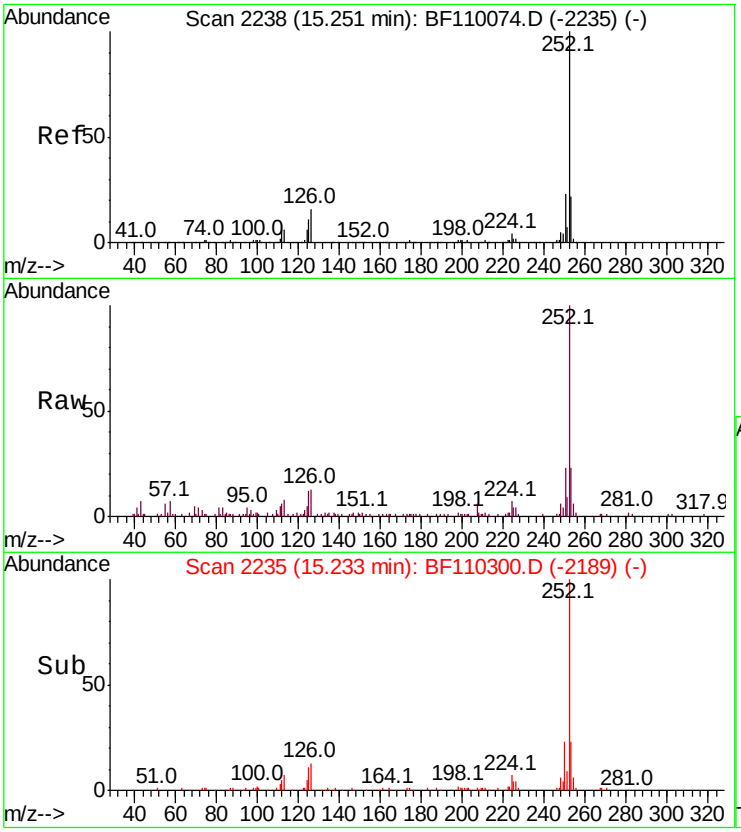


#88
Benzo(b)fluoranthene
Concen: 7.870 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Tgt Ion:252 Resp: 98819

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	12.4	8.2	12.4#



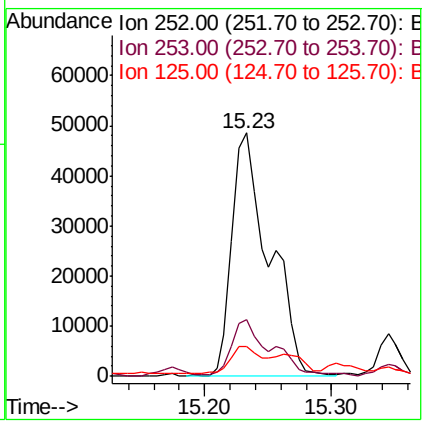


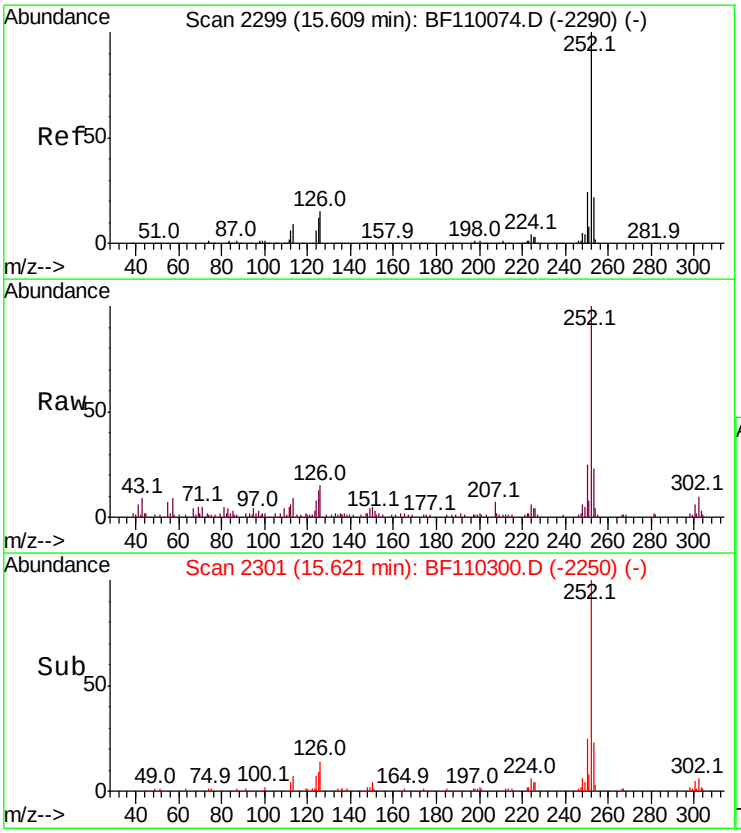
#89
Benzo(k)fluoranthene
Concen: 8.005 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.03 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 98819

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	12.4	7.4	11.0#

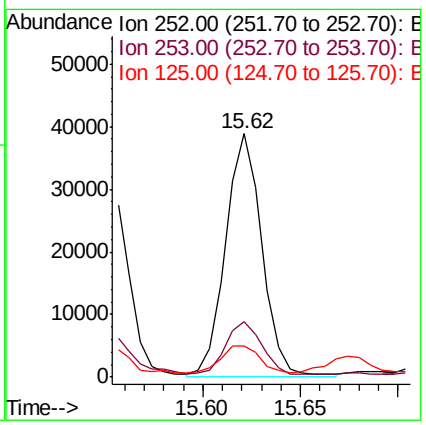


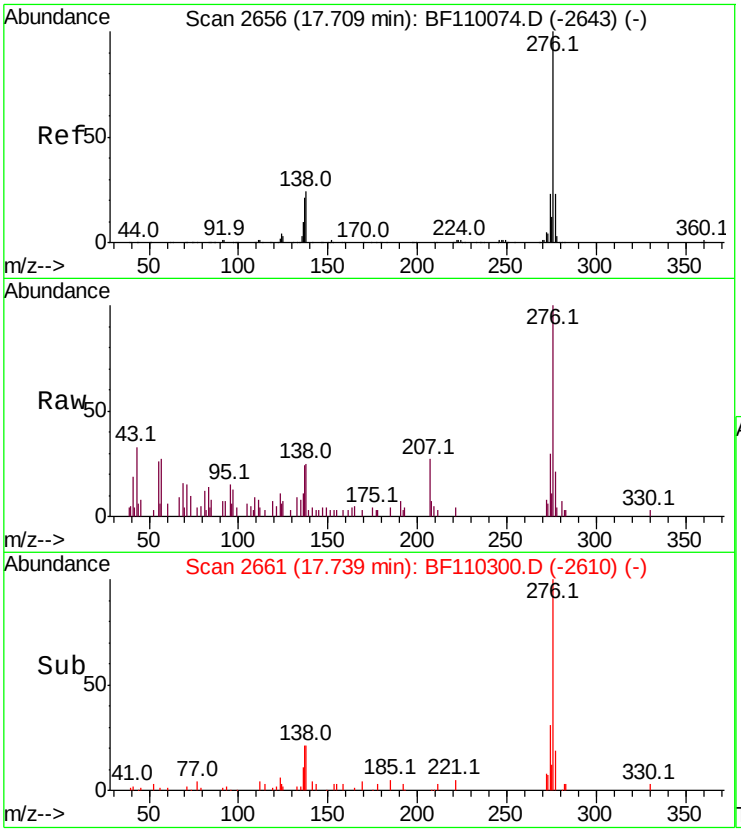


#90
Benzo(a)pyrene
Concen: 4.378 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Tgt Ion:252 Resp: 50589

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	12.9	9.0	13.6





#92
Benzo(g,h,i)perylene
Concen: 2.628 ng
RT: 17.74 min Scan# 2661
Delta R.T. -0.00 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 25815

Ion	Ratio	Lower	Upper
276	100		
277	21.4	18.8	28.2
138	24.9	16.0	24.0#