Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110213.D
Acq On : 26 Oct 2018 16:50
Operator : JU/SJ
Sample : J5624-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 26 23:38:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	120677	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	472053	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	199814	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	310770	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	232163	20.00	ng		-0.01
87) Perylene-d12	15.68	264	164171	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	733296	98.95	ng		0.00
7) Phenol-d6	6.59	99	931766	98.30	ng		-0.01
23) Nitrobenzene-d5	7.53	82	574133	72.14	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	172530	87.17	ng		-0.01
45) 2-Fluorobiphenyl	9.33	172	918874	72.21	ng		-0.01
79) Terphenyl-d14	13.09	244	668889	59.92	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.60	77	2665	Below Cal		#	1
10) Phenol	6.60	94	130302	12.860	ng	#	63
19) n-Nitroso-di-n-propylamine	7.53	70	74222	12.206	ng	#	81
25) Isophorone	7.53	82	574127	42.320	ng	#	67
50) Dimethylphthalate	9.72	163	157544	10.681	ng		99
57) 2,4-Dinitrotoluene	10.01	165	26342	6.527	ng	#	19
67) 4-Bromophenyl-phenylether	10.80	248	11273	3.344	ng	#	1
71) Phenanthrene	11.53	178	154495	9.501	ng		99
75) Fluoranthene	12.72	202	158523	9.606	ng		98
78) Pyrene	12.95	202	146255	8.787	ng		98
81) Benzo(a)anthracene	14.14	228	65837	4.782	ng		99
83) Chrysene	14.17	228	58409	4.467	ng		97
86) Indeno(1,2,3-cd)pyrene	17.24	276	25092	2.313	ng		96
88) Benzo(b)fluoranthene	15.22	252	75705	7.986	ng	#	89
89) Benzo(k)fluoranthene	15.22	252	75705	8.123	ng	#	88
90) Benzo(a)pyrene	15.61	252	36153	4.144	ng	#	90
92) Benzo(g,h,i)perylene	17.72	276	22073	2.976	ng	#	93

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
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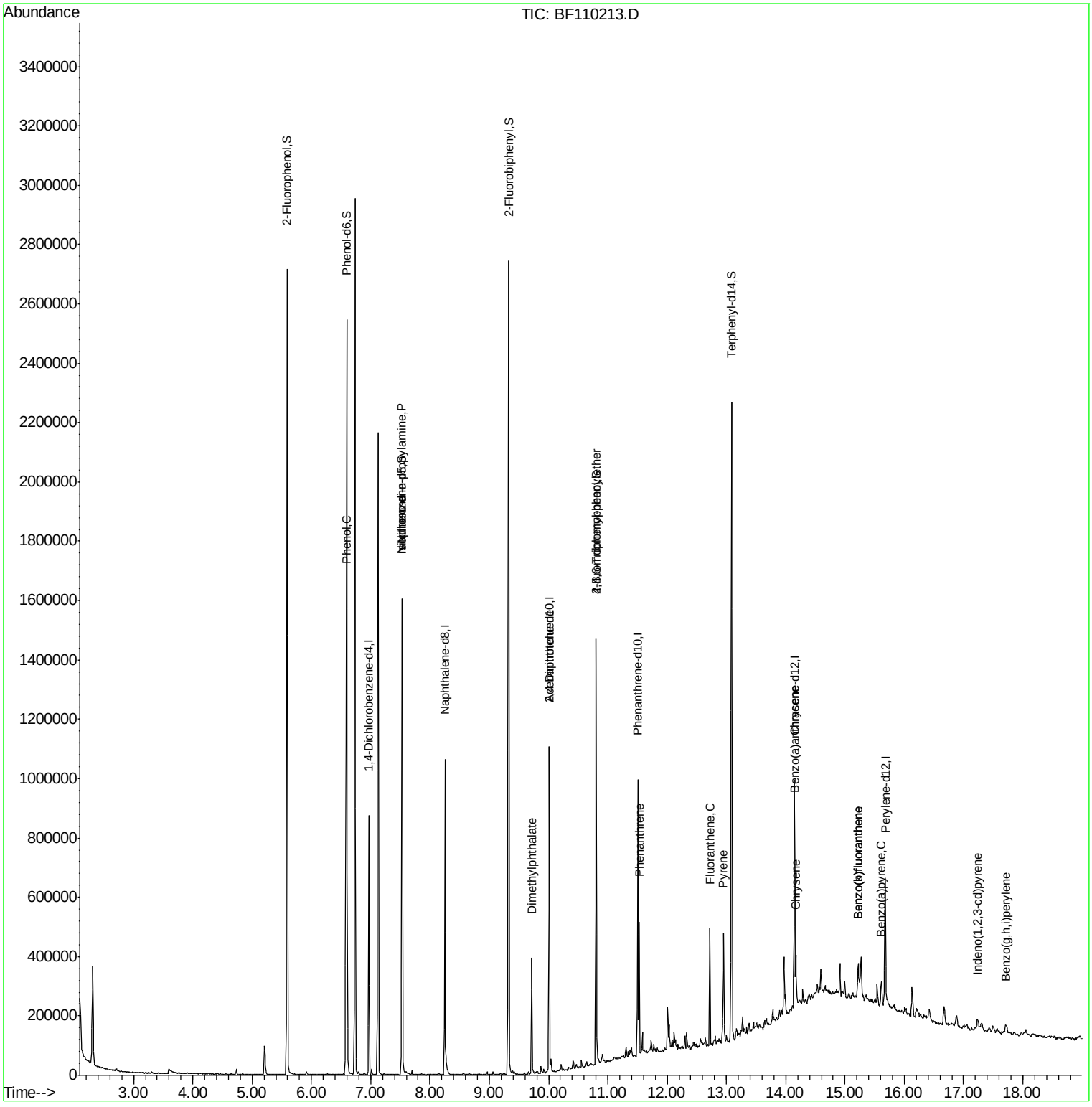
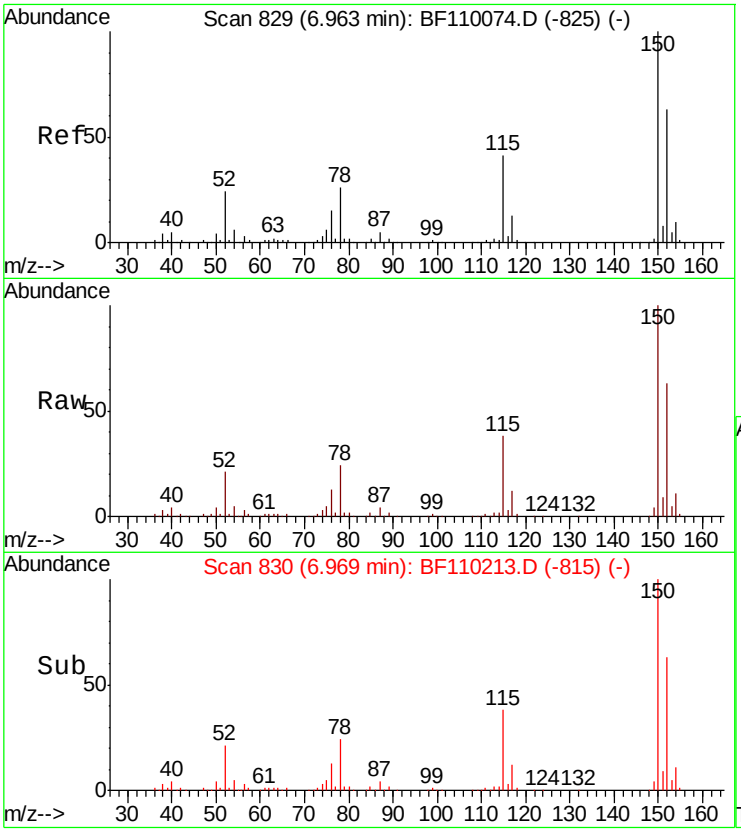


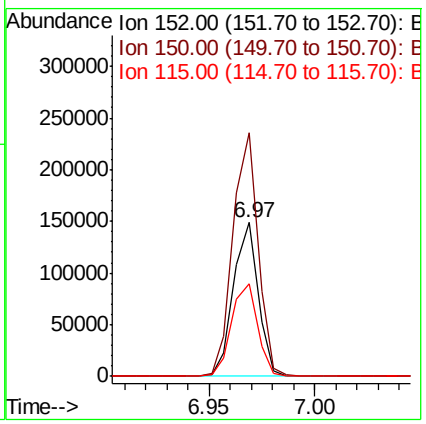


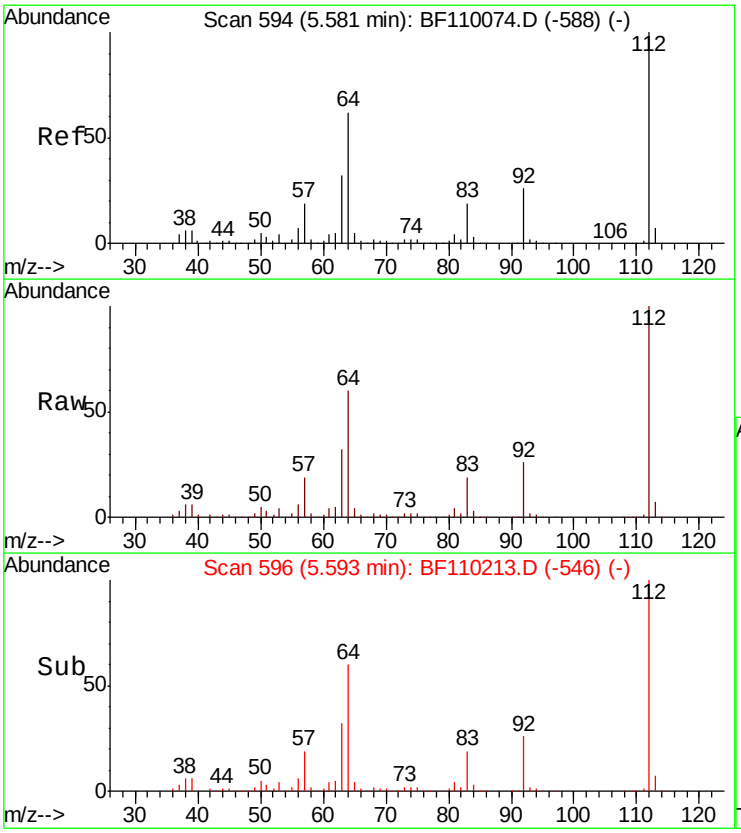
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 120677

Ion	Ratio	Lower	Upper
152	100		
150	158.2	122.7	184.1
115	59.9	49.1	73.7

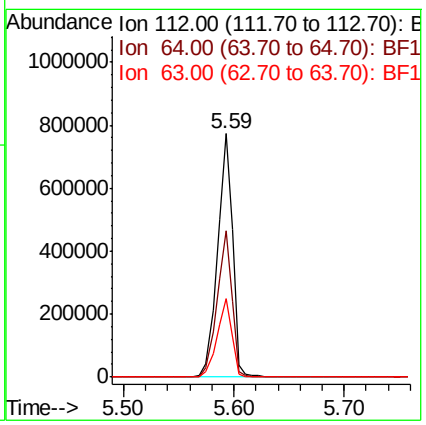


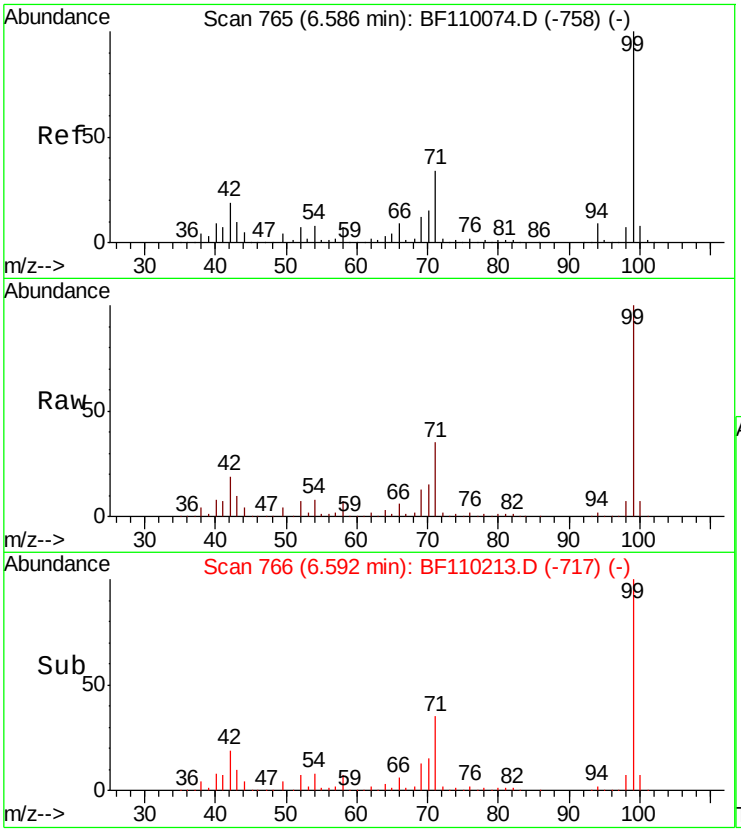


#5
2-Fluorophenol
Concen: 98.953 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Tgt Ion:112 Resp: 733296

Ion	Ratio	Lower	Upper
112	100		
64	60.2	44.1	66.1
63	32.0	23.7	35.5



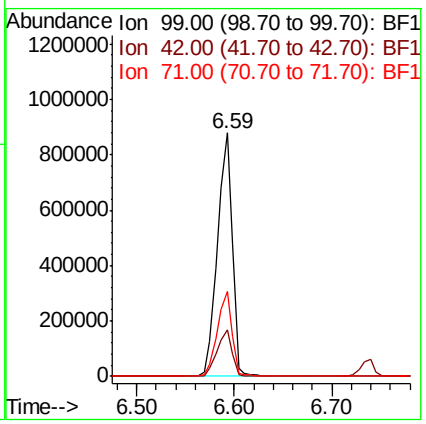


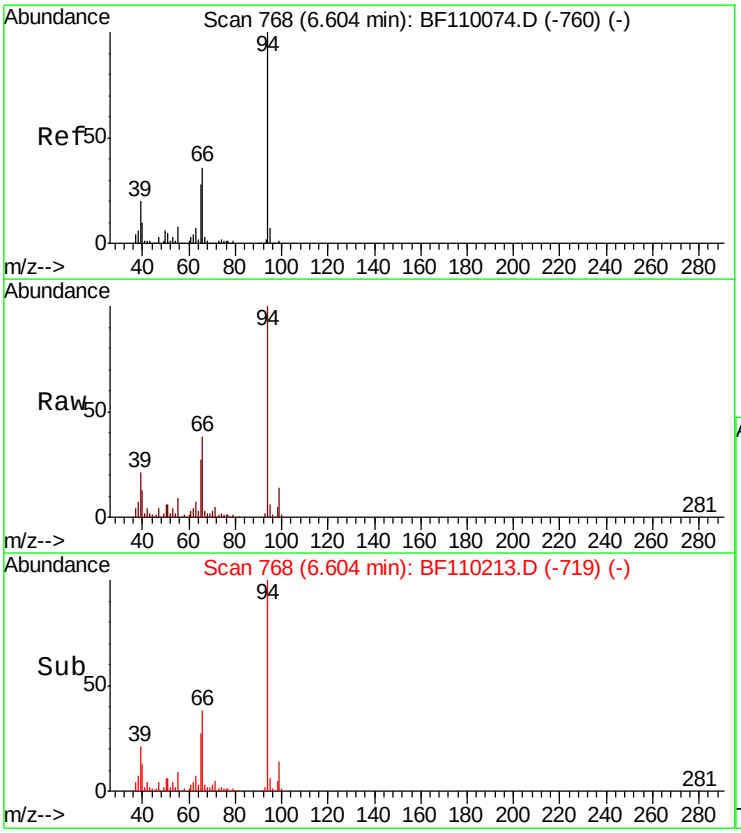
#7
Phenol-d6
Concen: 98.302 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 931766

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.8	23.6
71	35.0	28.0	42.0

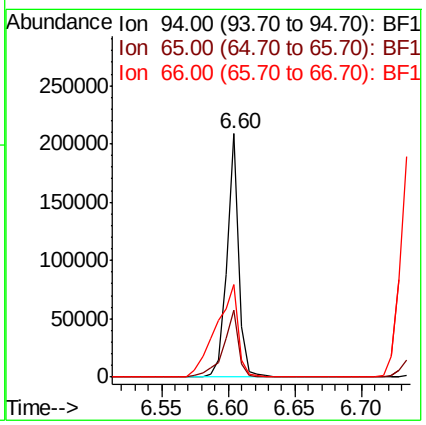


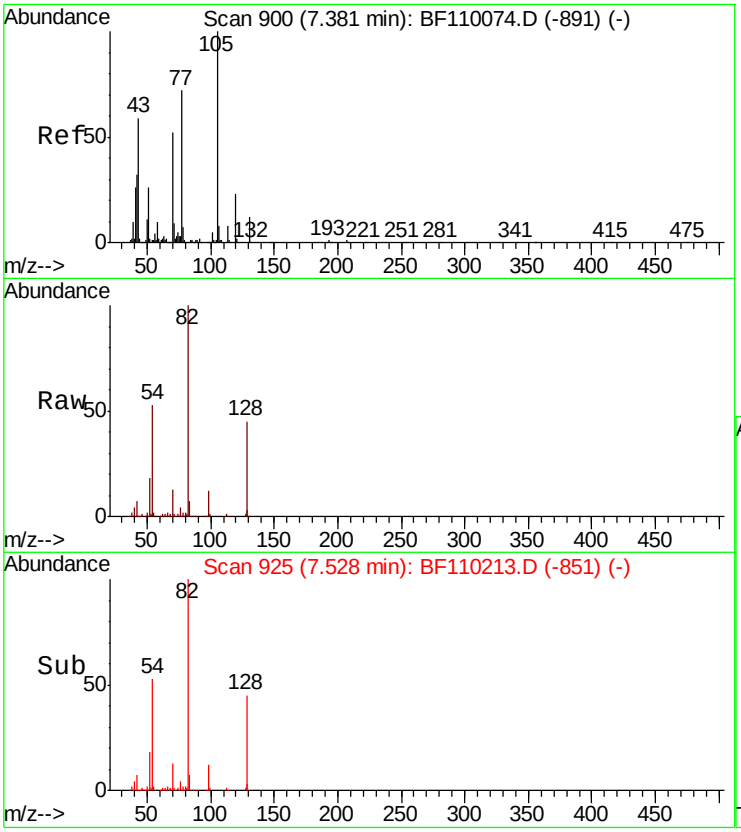


#10
Phenol
Concen: 12.860 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Tgt Ion: 94 Resp: 130302

Ion	Ratio	Lower	Upper
94	100		
65	27.5	25.3	65.3
66	37.8	54.5	94.5#



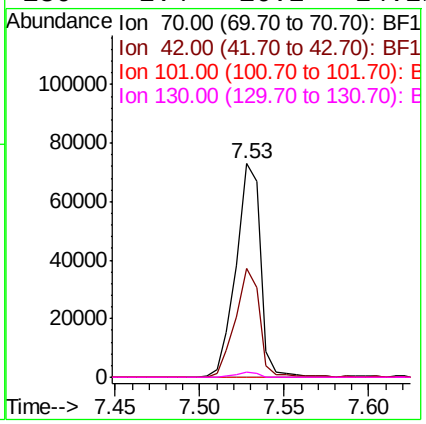


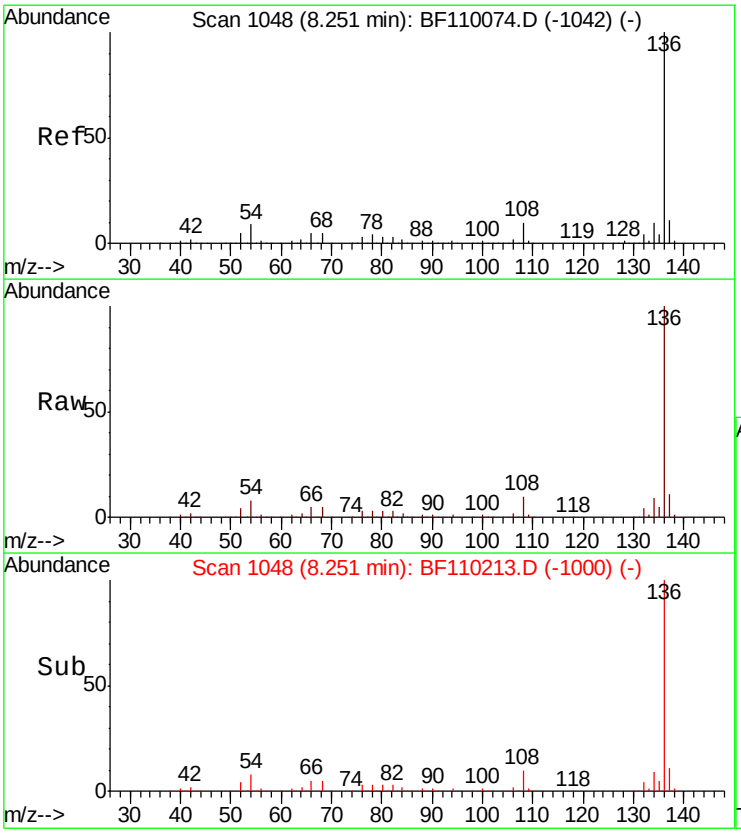
#19
n-Nitroso-di-n-propylamine
Concen: 12.206 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.14 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 74222

Ion	Ratio	Lower	Upper
70	100		
42	50.9	47.4	71.2
101	0.0	7.3	10.9#
130	2.4	16.2	24.2#

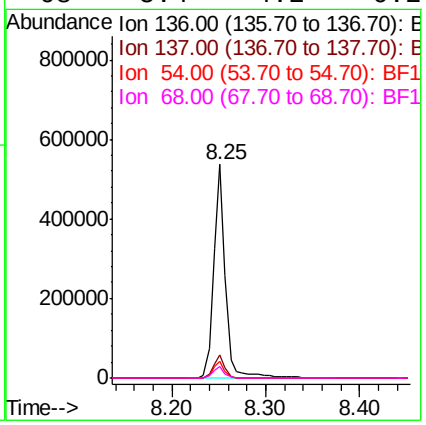


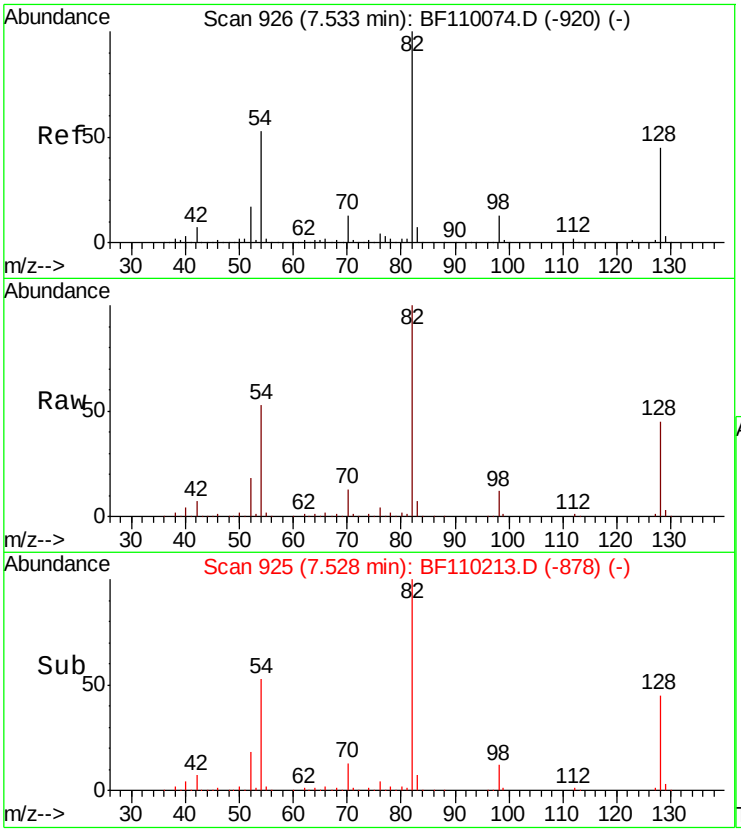


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Tgt Ion:136 Resp: 472053

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.0	5.4	8.2
68	5.4	4.2	6.2



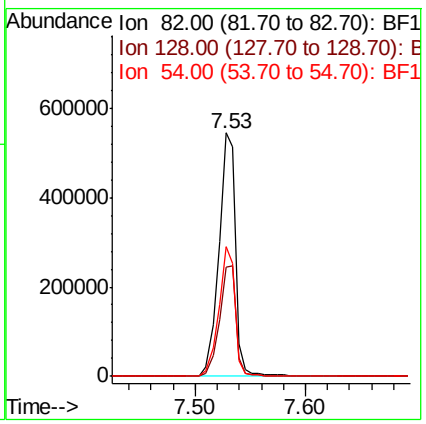


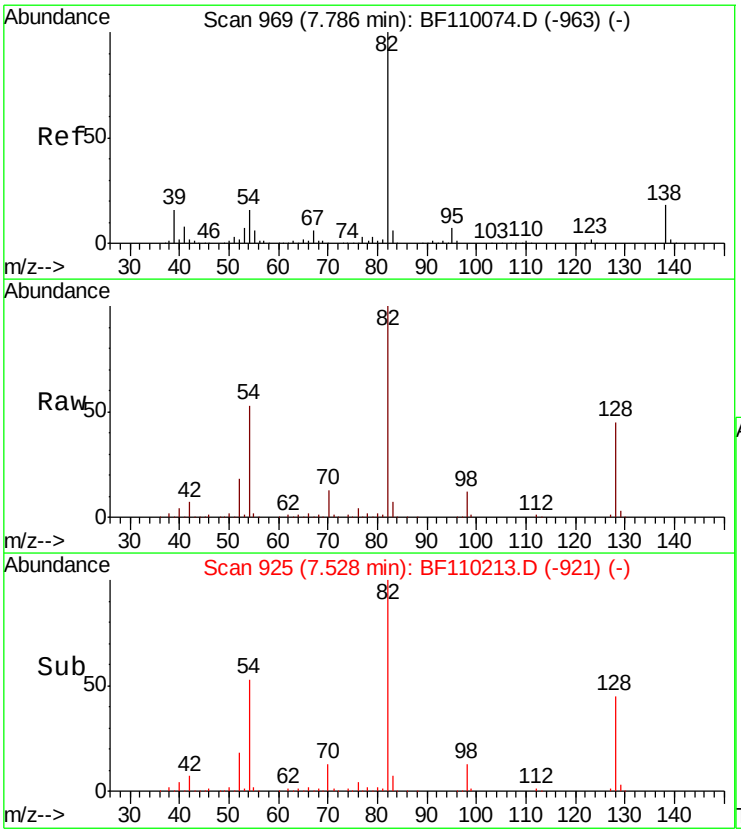
#23
Nitrobenzene-d5
Concen: 72.139 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 574133

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.2	51.2
54	53.3	38.6	58.0

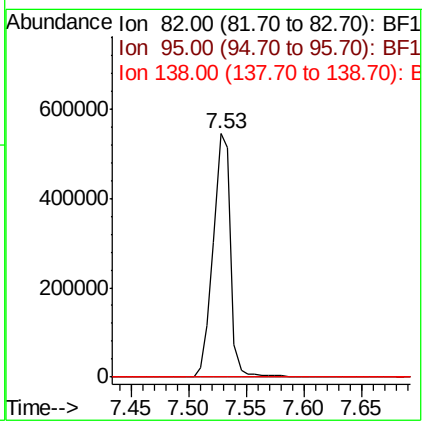


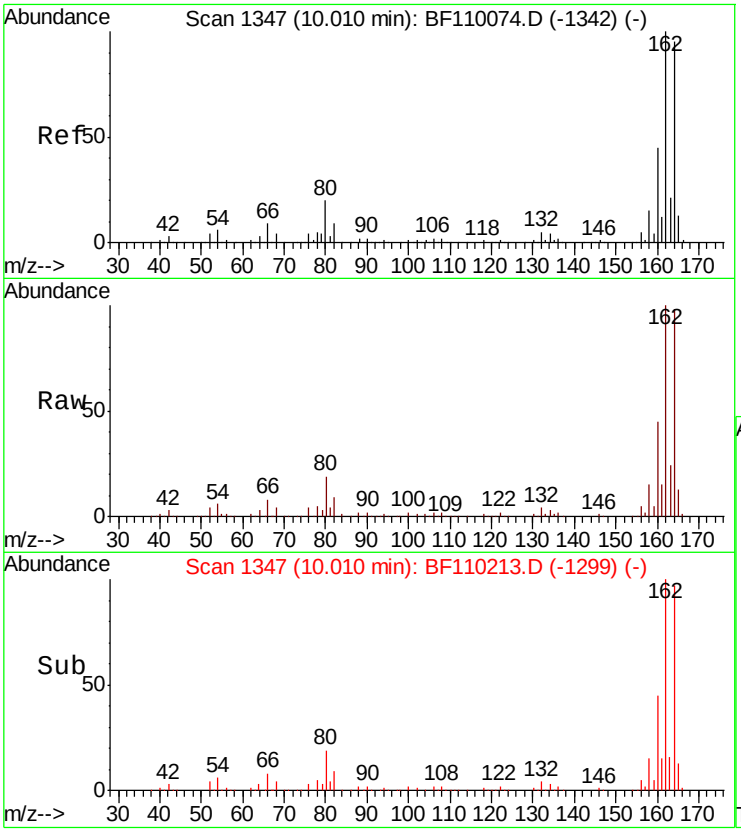


#25
Isophorone
Concen: 42.320 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.28 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Tgt Ion: 82 Resp: 574127

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



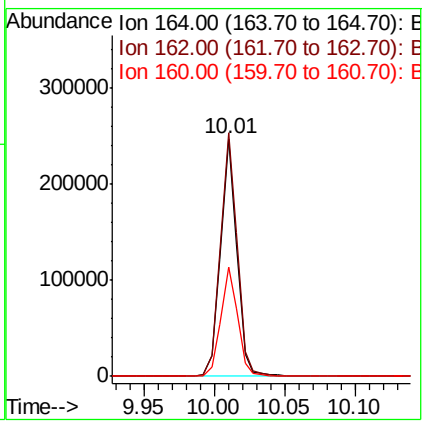


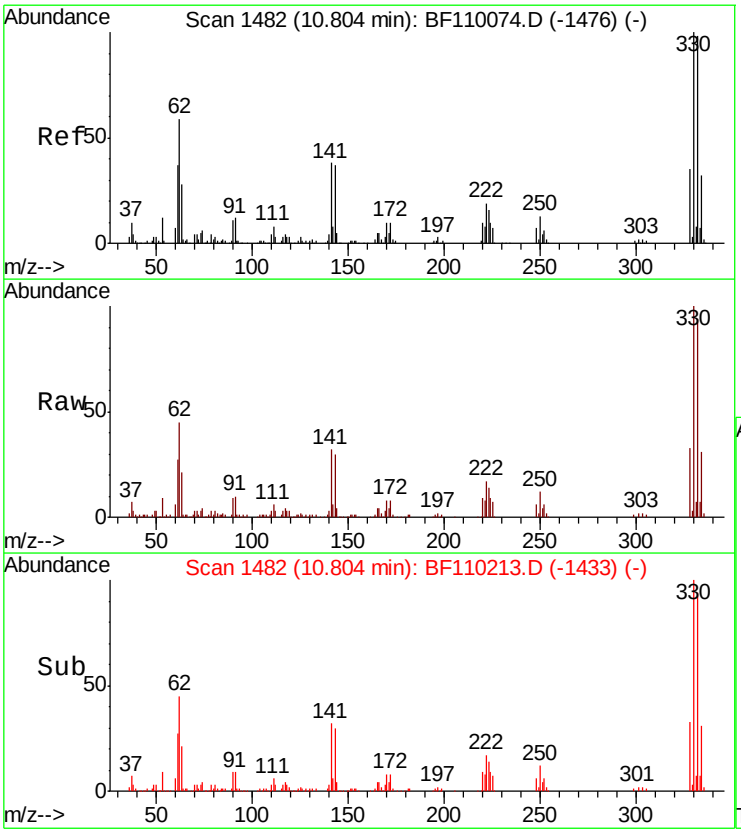
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 199814

Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.0	124.6
160	46.0	37.0	55.6

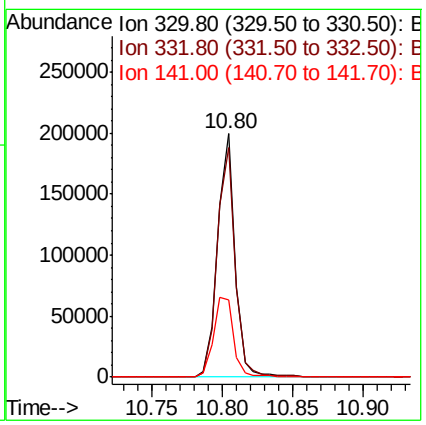


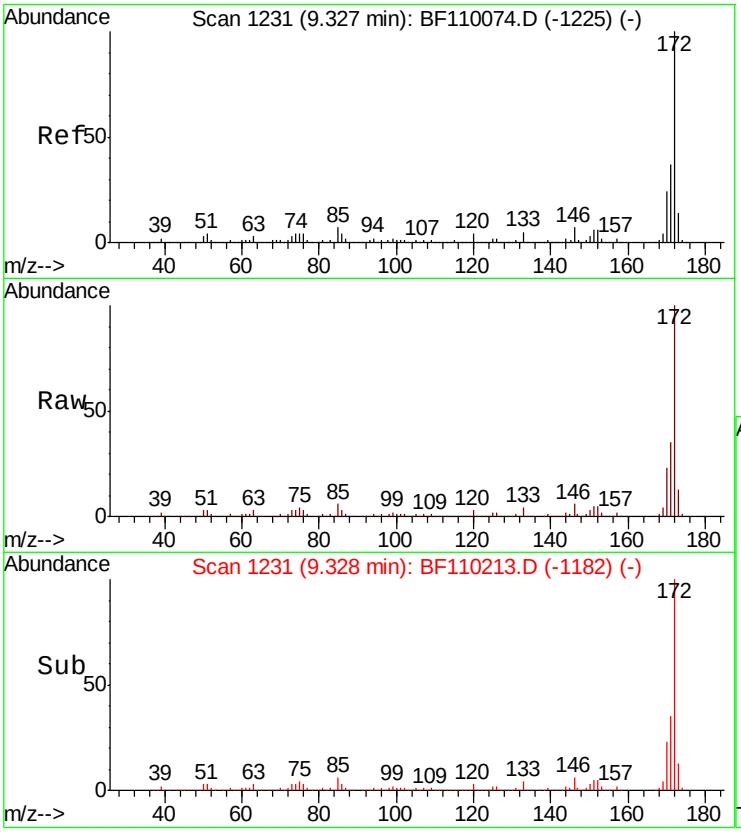


#42
2,4,6-Tribromophenol
Concen: 87.168 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Tgt Ion:330 Resp: 172530

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	37.7	27.0	40.4



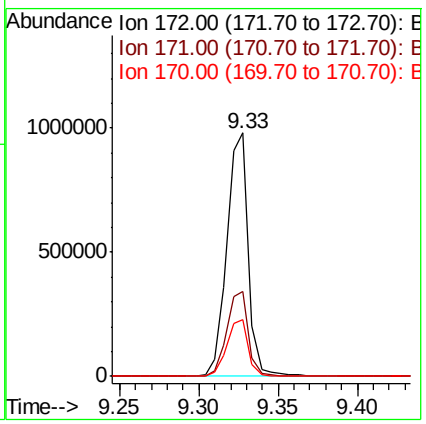


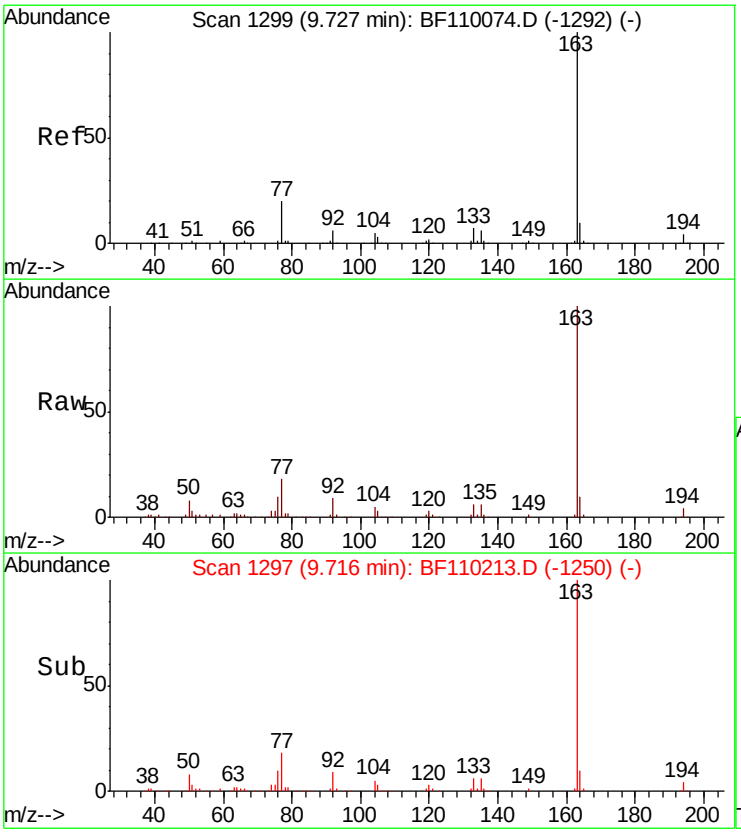
#45
2-Fluorobiphenyl
Concen: 72.211 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 918874

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	43.0
170	23.3	19.7	29.5

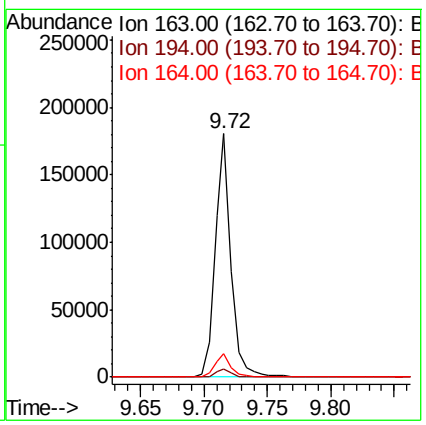


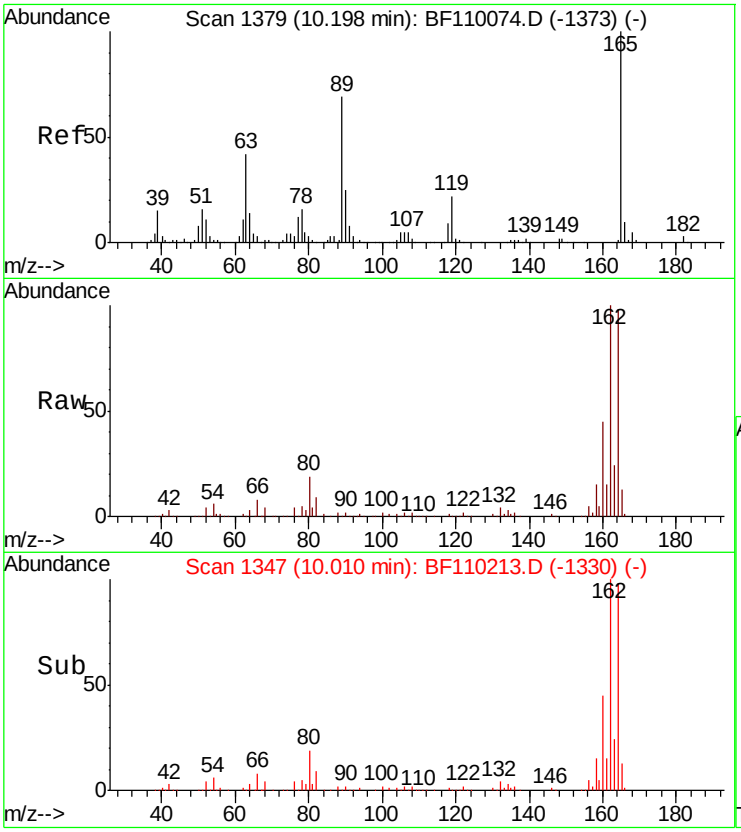


#50
Dimethylphthalate
Concen: 10.681 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Tgt Ion:163 Resp: 157544

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	9.7	8.1	12.1



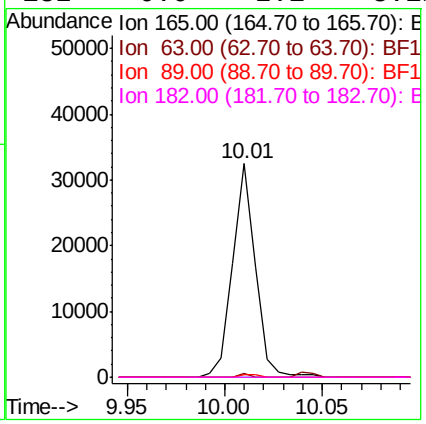


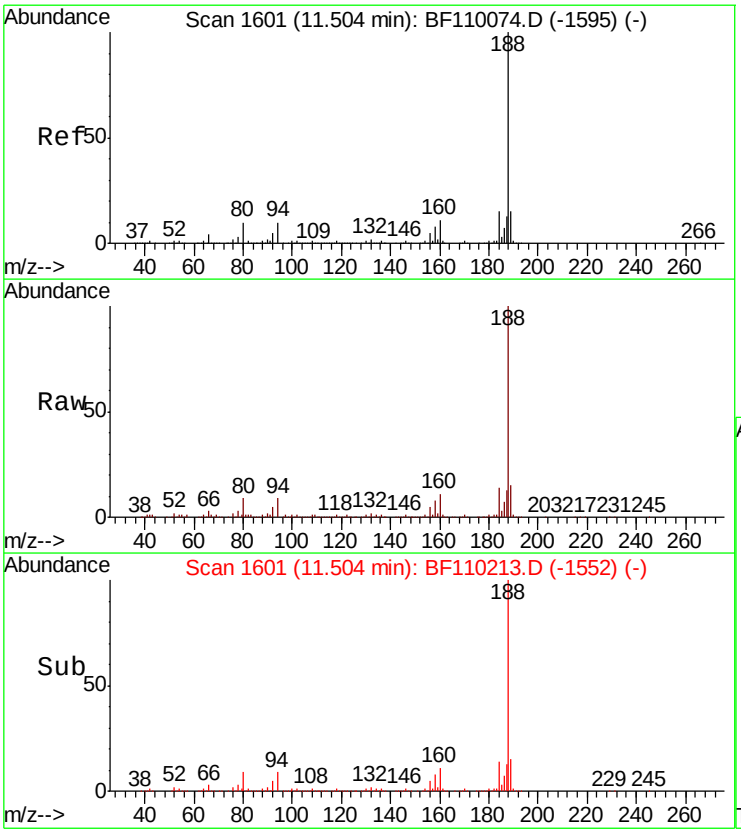
#57
2,4-Dinitrotoluene
Concen: 6.527 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26342

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.8	67.2#
89	1.4	62.2	93.4#
182	0.0	2.1	3.1#

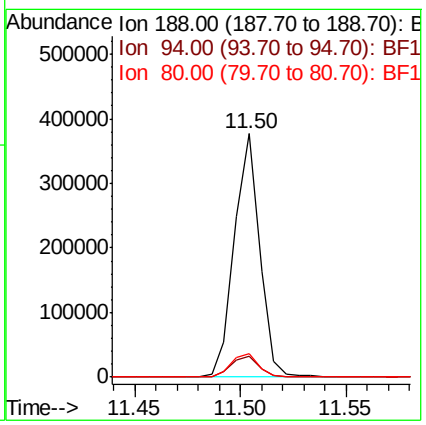


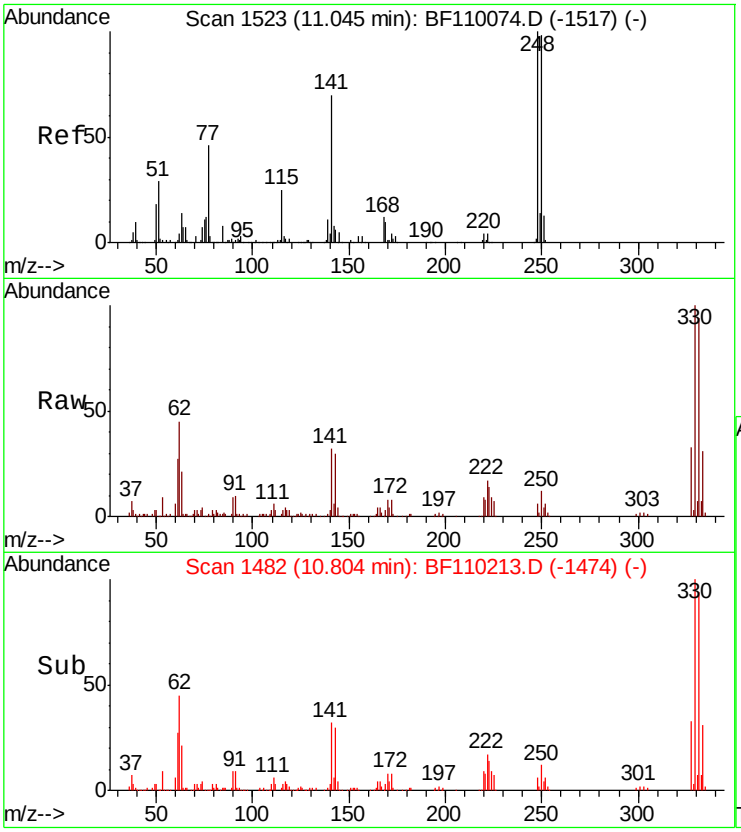


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Tgt Ion:188 Resp: 310770

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.4	7.9	11.9



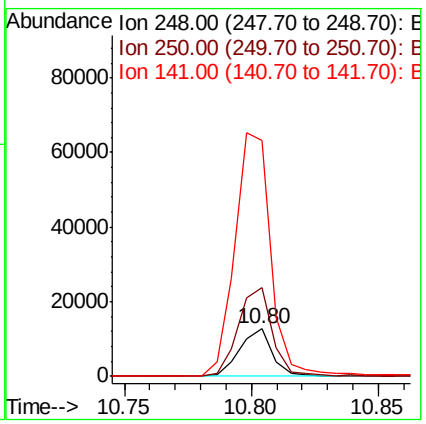


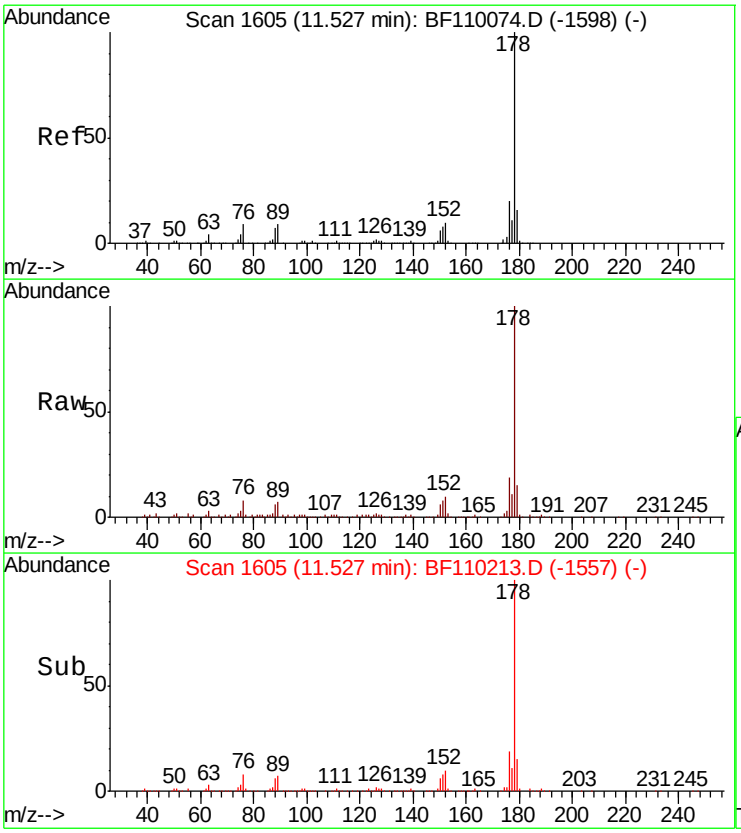
#67
4-Bromophenyl-phenylether
Concen: 3.344 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 11273

Ion	Ratio	Lower	Upper
248	100		
250	189.2	79.4	119.2#
141	499.4	55.9	83.9#

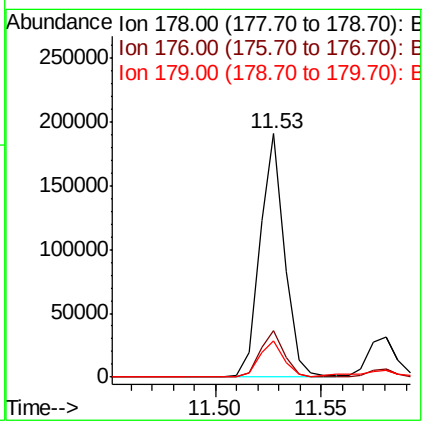


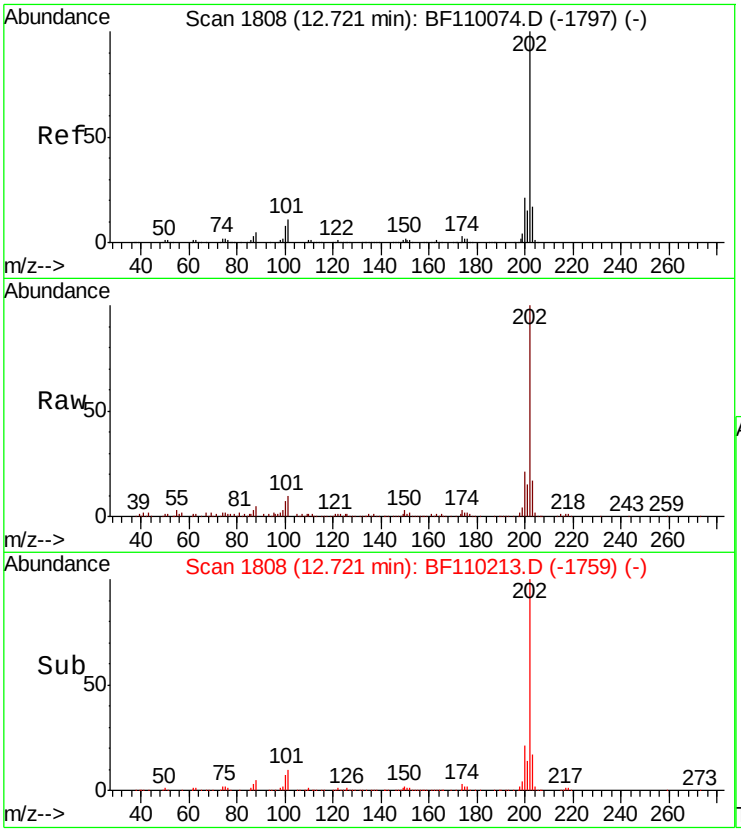


#71
Phenanthrene
Concen: 9.501 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Tgt Ion:178 Resp: 154495

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.1	12.5	18.7



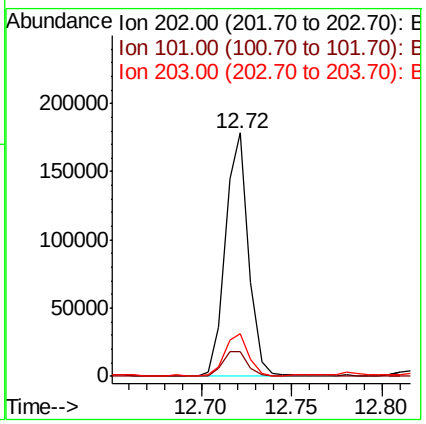


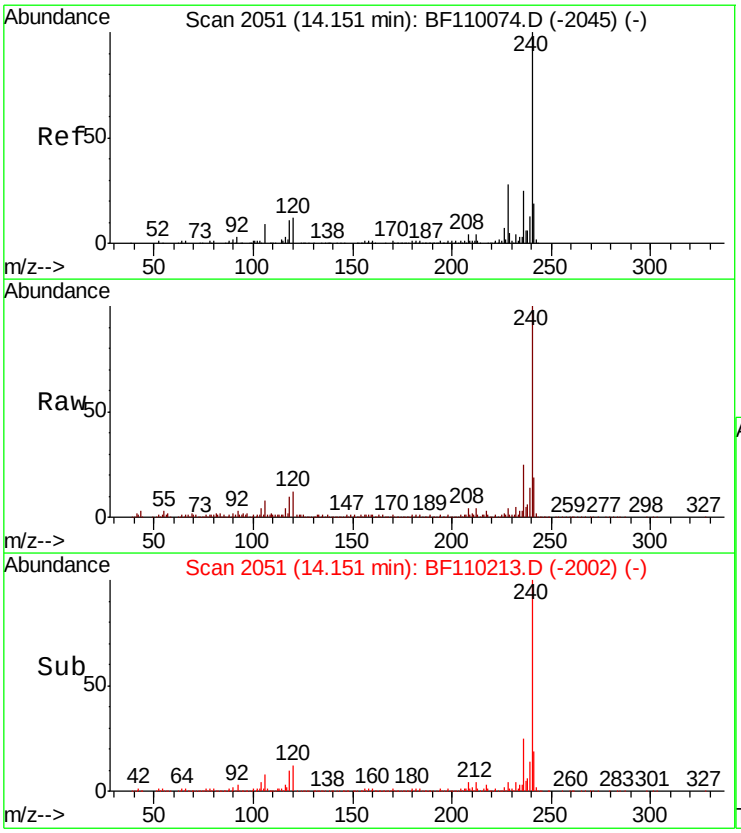
#75
Fluoranthene
Concen: 9.606 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 158523

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.4
203	17.3	0.0	37.7

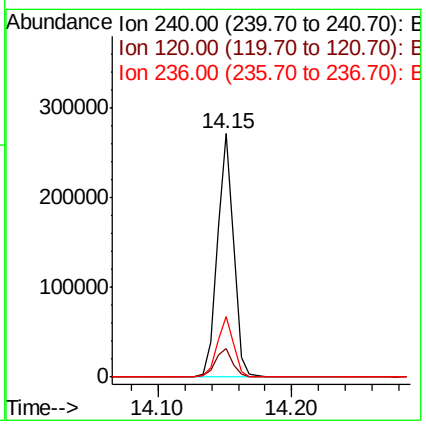


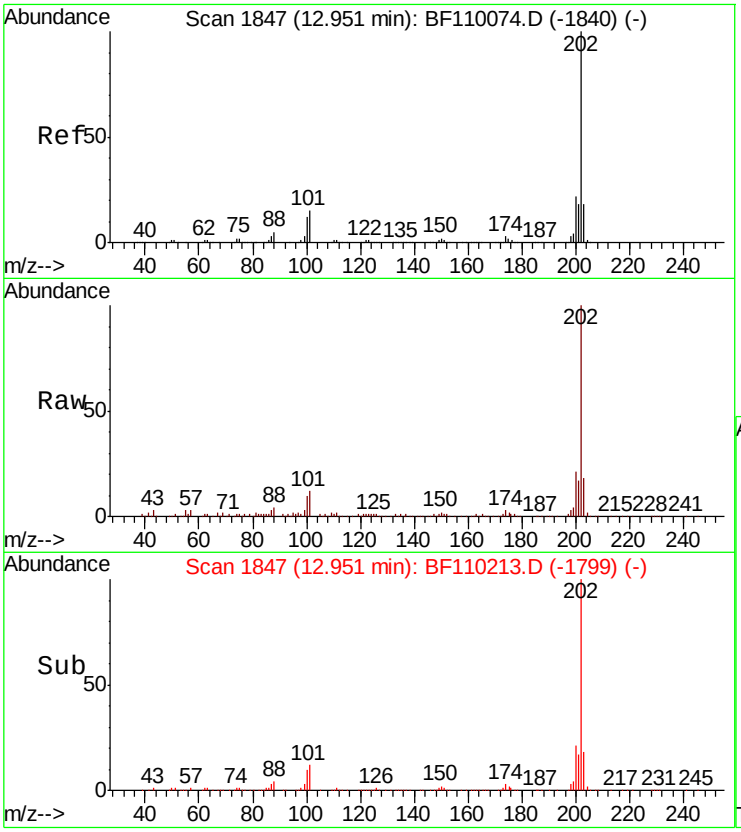


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Tgt Ion:240 Resp: 232163

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.3	12.5
236	25.1	21.2	31.8



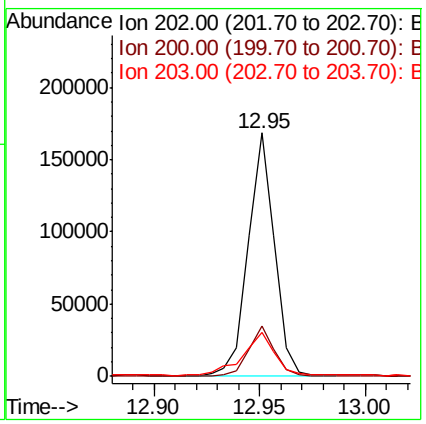


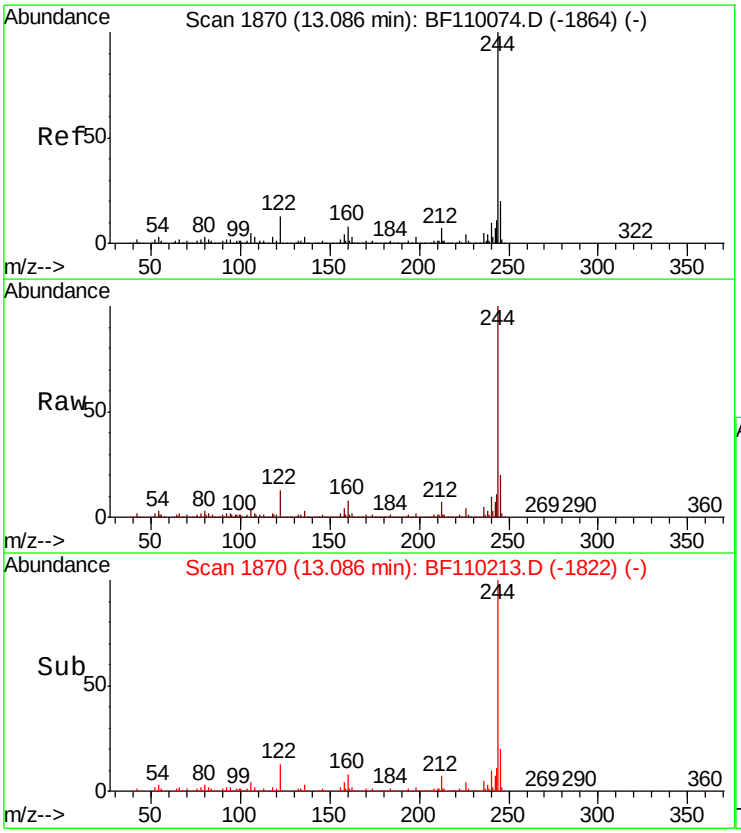
#78
Pyrene
Concen: 8.787 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 146255

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.8	26.6
203	17.9	14.2	21.4

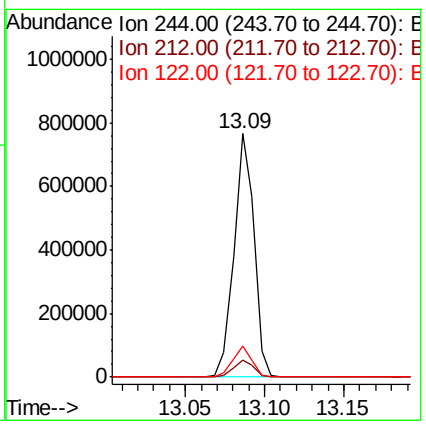


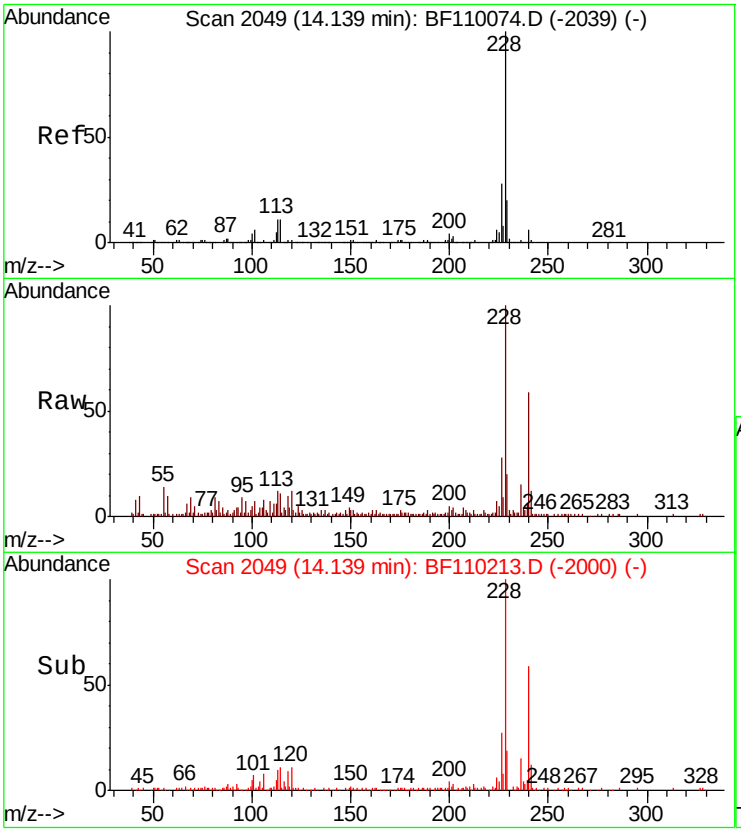


#79
Terphenyl-d14
Concen: 59.919 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Tgt Ion:244 Resp: 668889

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.6	8.7	13.1



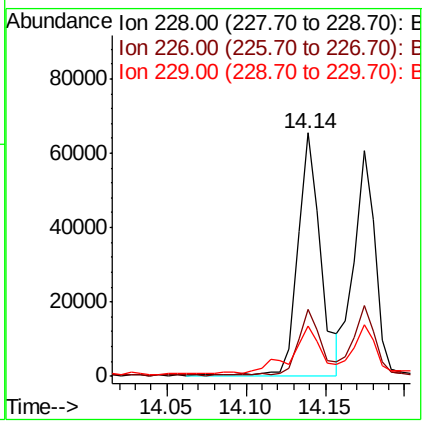


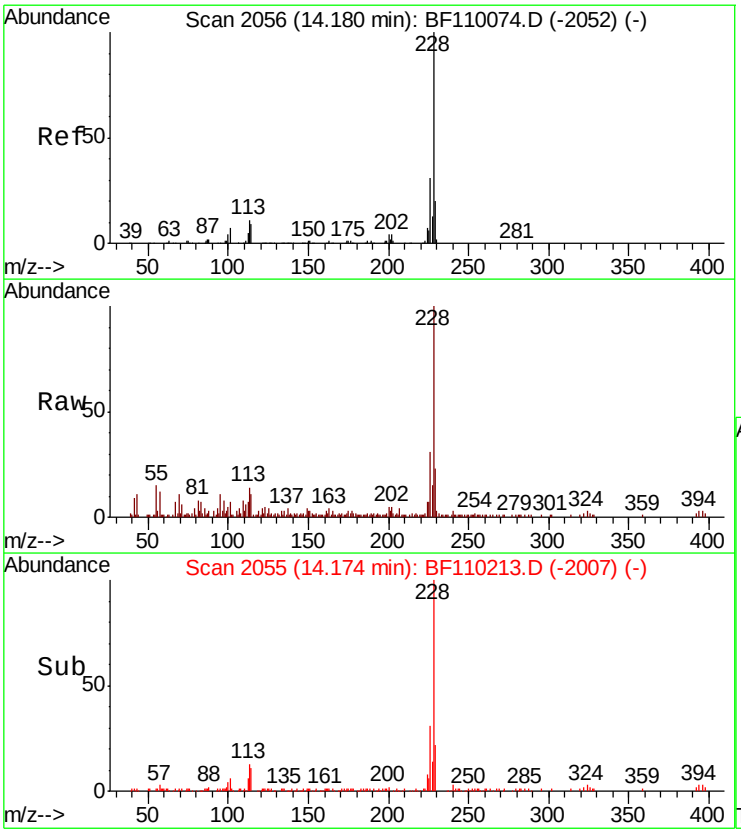
#81
Benzo(a)anthracene
Concen: 4.782 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 65837

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.1	33.1
229	20.5	15.6	23.4

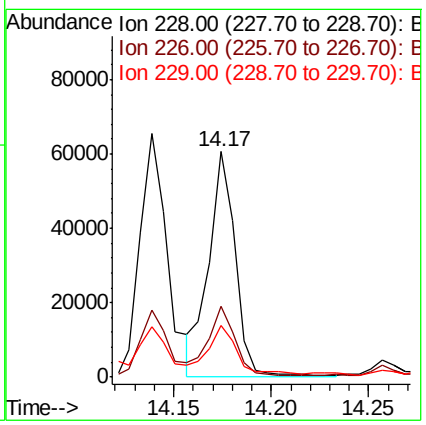


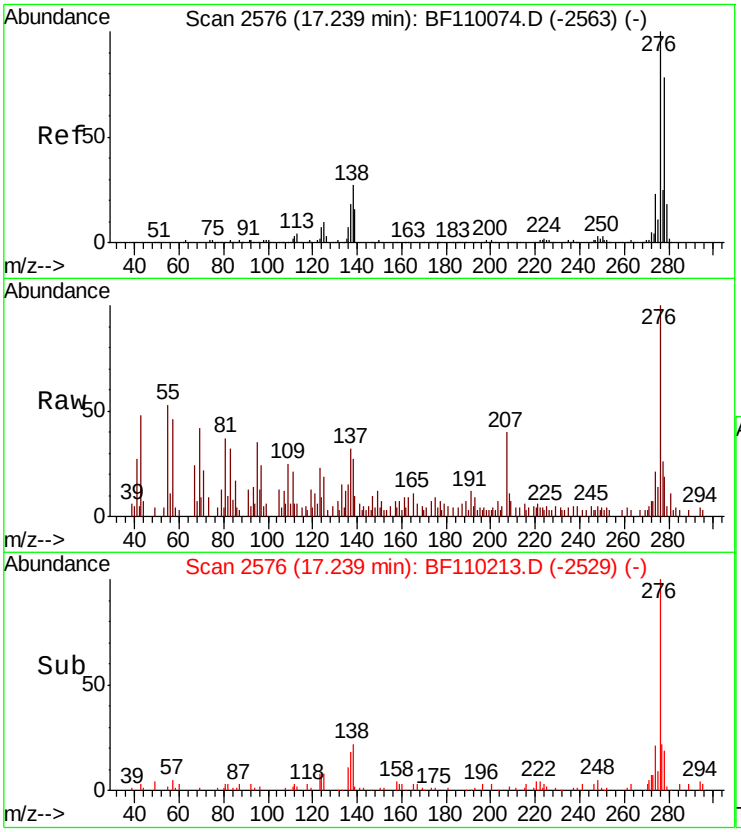


#83
Chrysene
Concen: 4.467 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Tgt Ion:228 Resp: 58409

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.7	37.1
229	23.0	15.9	23.9



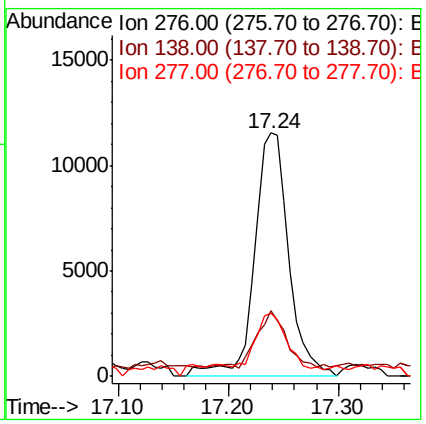


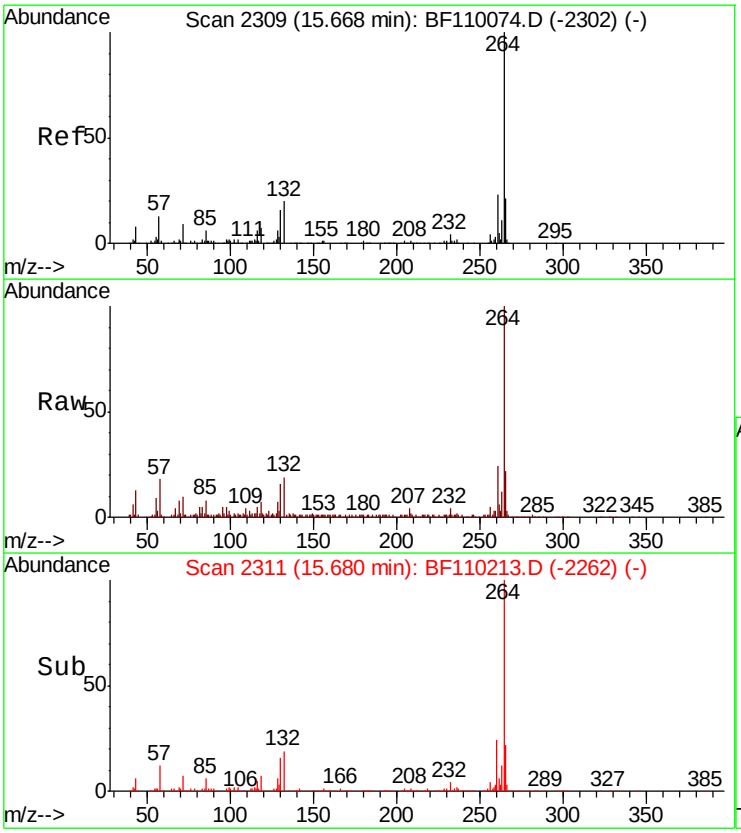
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.313 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 25092

Ion	Ratio	Lower	Upper
276	100		
138	20.6	18.5	27.7
277	23.9	20.0	30.0

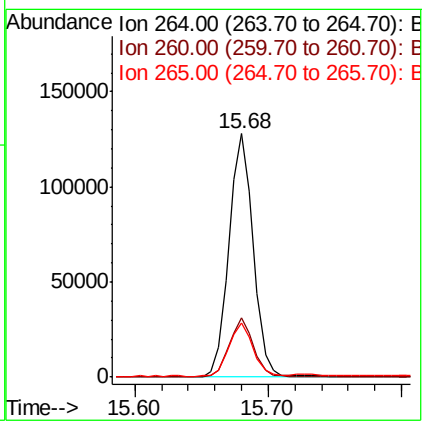


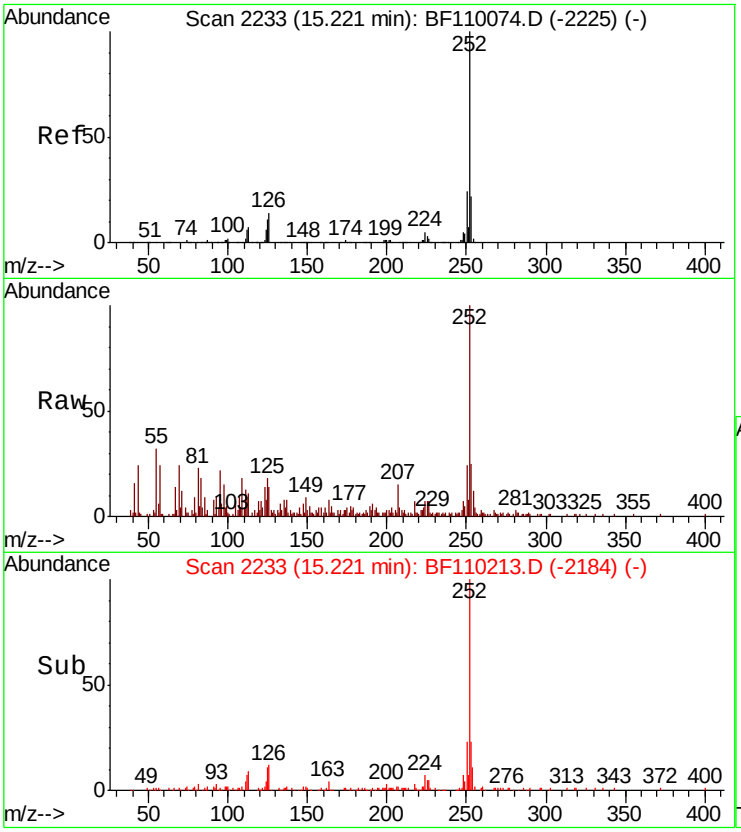


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Tgt Ion:264 Resp: 164171

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	22.1	16.7	25.1



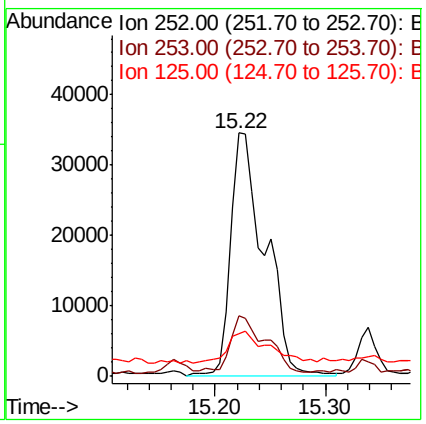


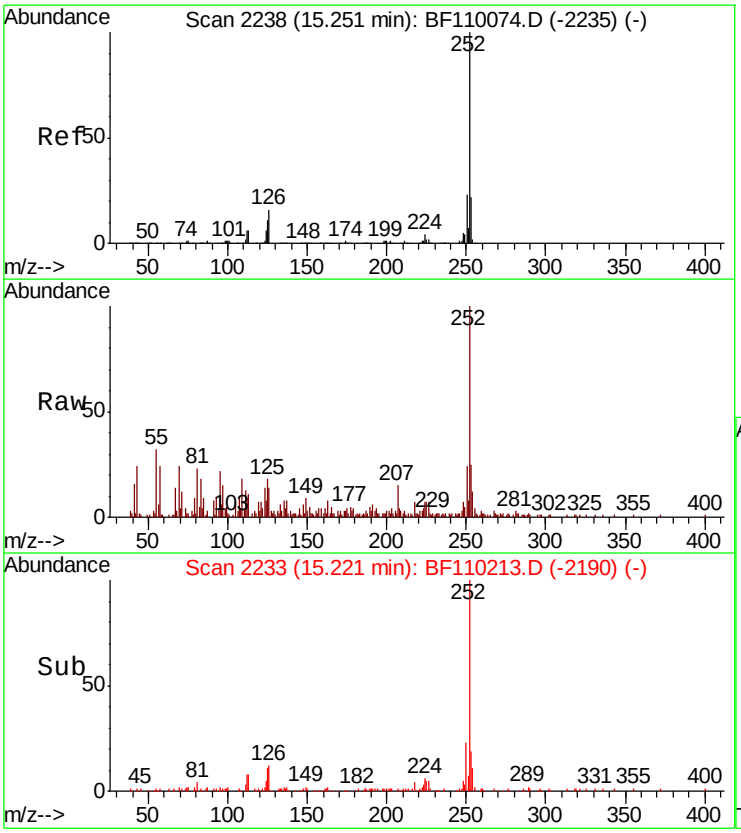
#88
Benzo(b)fluoranthene
Concen: 7.986 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 75705

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.2	25.8
125	17.6	8.2	12.4#

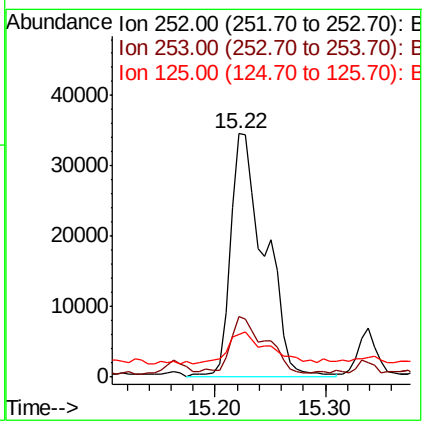


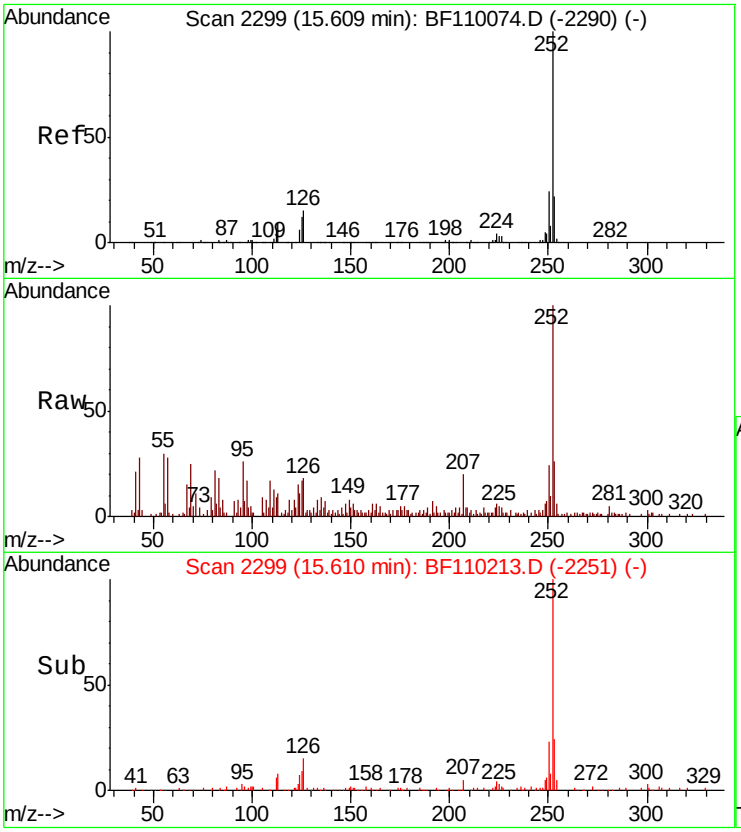


#89
Benzo(k)fluoranthene
Concen: 8.123 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.05 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Tgt Ion:252 Resp: 75705

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.2	25.8
125	17.6	7.4	11.0#



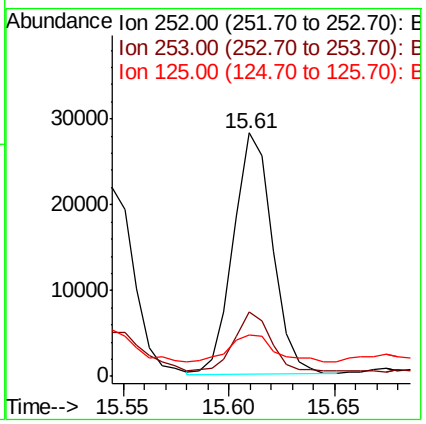


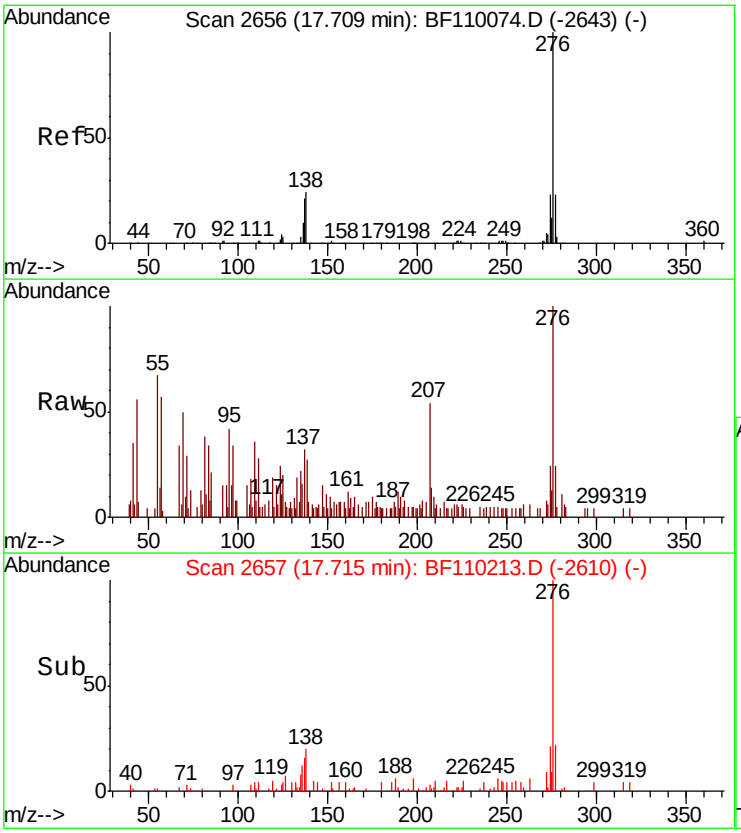
#90
Benzo(a)pyrene
Concen: 4.144 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 36153

Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.2	27.4
125	17.2	9.0	13.6#





#92
Benzo(g,h,i)perylene
Concen: 2.976 ng
RT: 17.72 min Scan# 2657
Delta R.T. -0.02 min
Lab File: BF110213.D
Acq: 26 Oct 2018 16:50

Tgt Ion:276 Resp: 22073

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	26.8	16.0	24.0#