Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110286.D
Acq On : 30 Oct 2018 2:15
Operator : JU/SJ
Sample : J5685-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 30 08:50:09 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	98443	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	360594	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	139893	20.00	ng		0.00
64) Phenanthrene-d10	11.51	188	223226	20.00	ng		0.00
76) Chrysene-d12	14.16	240	145453	20.00	ng		0.00
87) Perylene-d12	15.70	264	108574	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	564361	93.36	ng		0.00
7) Phenol-d6	6.59	99	680930	88.06	ng		0.00
23) Nitrobenzene-d5	7.53	82	417208	68.63	ng		0.00
42) 2,4,6-Tribromophenol	10.80	330	101357	73.14	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	716114	80.38	ng		0.00
79) Terphenyl-d14	13.09	244	518736	74.17	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.53	77	466	Below Cal		#	44
10) Phenol	6.60	94	50053	6.056	ng	#	65
19) n-Nitroso-di-n-propylamine	7.53	70	54815	11.050	ng	#	79
25) Isophorone	7.53	82	417205	40.259	ng	#	67
50) Dimethylphthalate	9.72	163	112057	10.851	ng		99
52) Acenaphthene	10.05	154	32110	3.621	ng		95
58) Fluorene	10.56	166	35495	3.842	ng	#	94
67) 4-Bromophenyl-phenylether	10.80	248	6308	2.605	ng	#	1
71) Phenanthrene	11.53	178	470482	40.280	ng		100
72) Anthracene	11.58	178	144630	12.354	ng		98
73) Carbazole	11.74	167	42216	3.693	ng		99
75) Fluoranthene	12.73	202	636339	53.681	ng		99
77) Benzidine	12.87	184	516	Below Cal		#	1
78) Pyrene	12.96	202	590744	56.651	ng		98
81) Benzo(a)anthracene	14.15	228	270871	31.403	ng		97
83) Chrysene	14.19	228	209475	25.568	ng		96
86) Indeno(1,2,3-cd)pyrene	17.27	276	88972	13.091	ng		98
88) Benzo(b)fluoranthene	15.24	252	296266	47.253	ng	#	93
89) Benzo(k)fluoranthene	15.24	252	296266	48.066	ng	#	92
90) Benzo(a)pyrene	15.63	252	166194	28.807	ng		98
91) Dibenzo(a,h)anthracene	17.28	278	24409	4.903	ng	#	79
92) Benzo(g,h,i)perylene	17.76	276	91838	18.722	ng		93

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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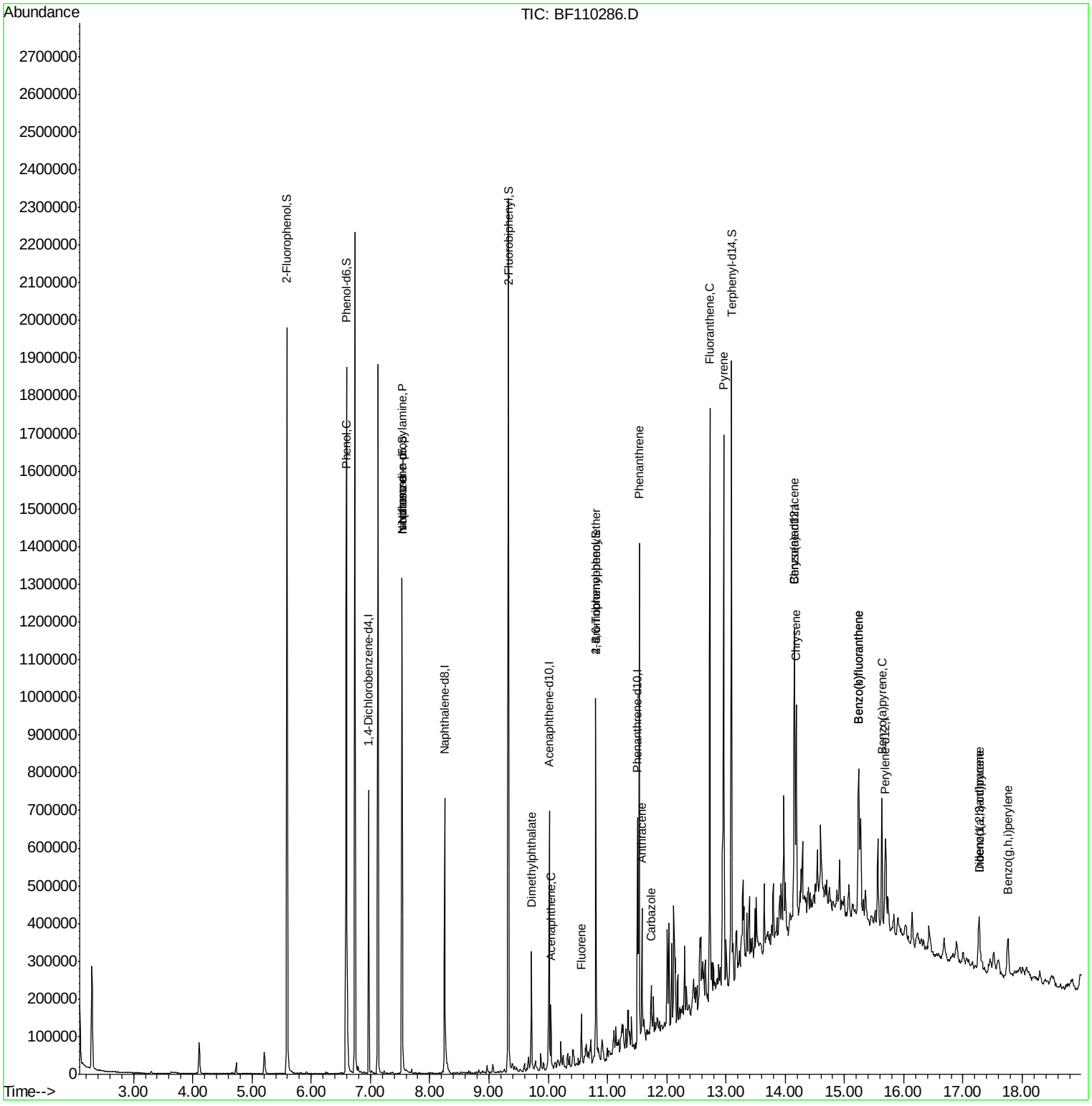
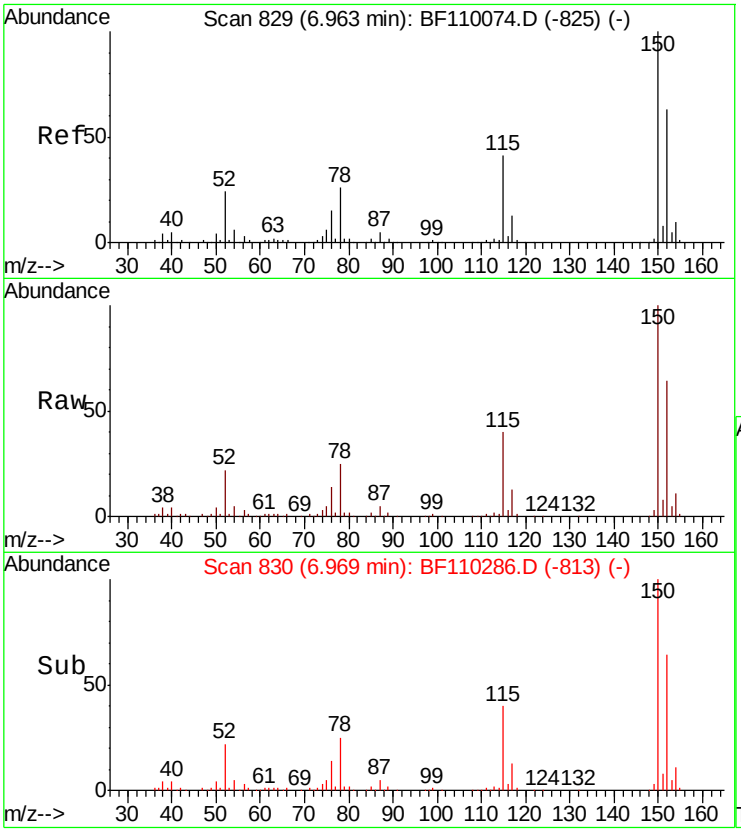


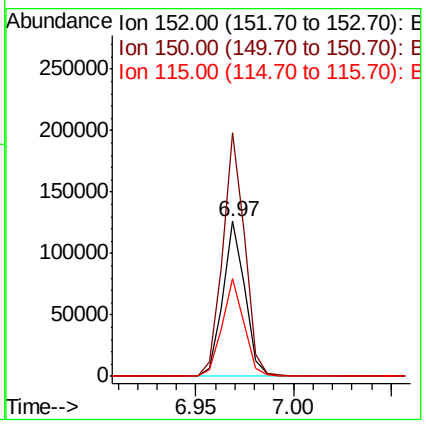


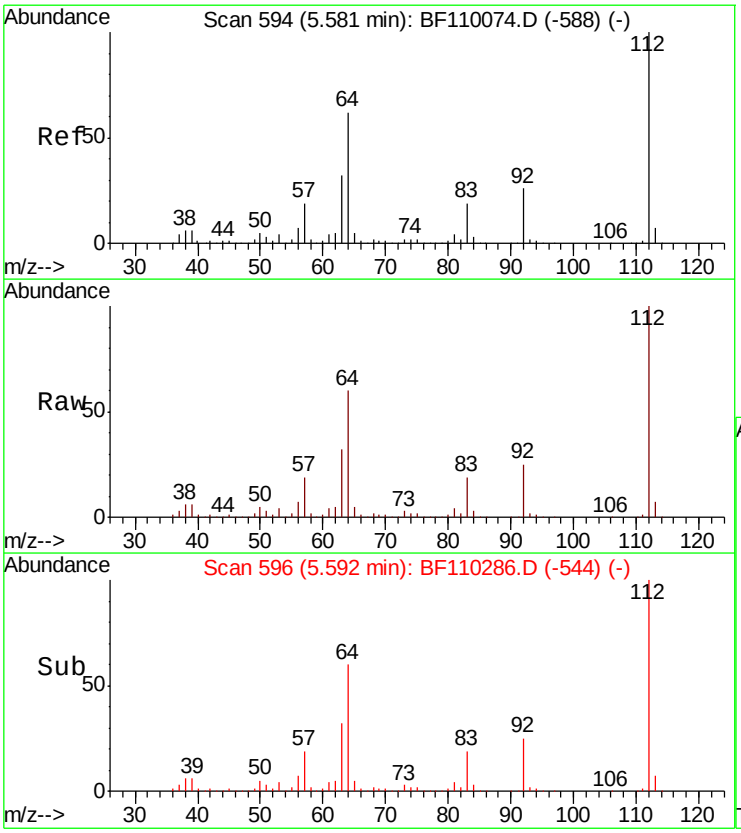
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF110286.D
Acq: 30 Oct 2018 2:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 98443

Ion	Ratio	Lower	Upper
152	100		
150	157.3	122.7	184.1
115	62.8	49.1	73.7

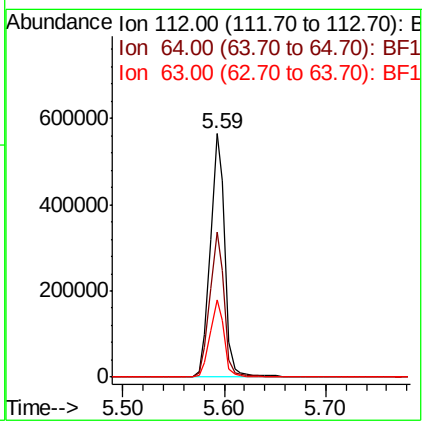


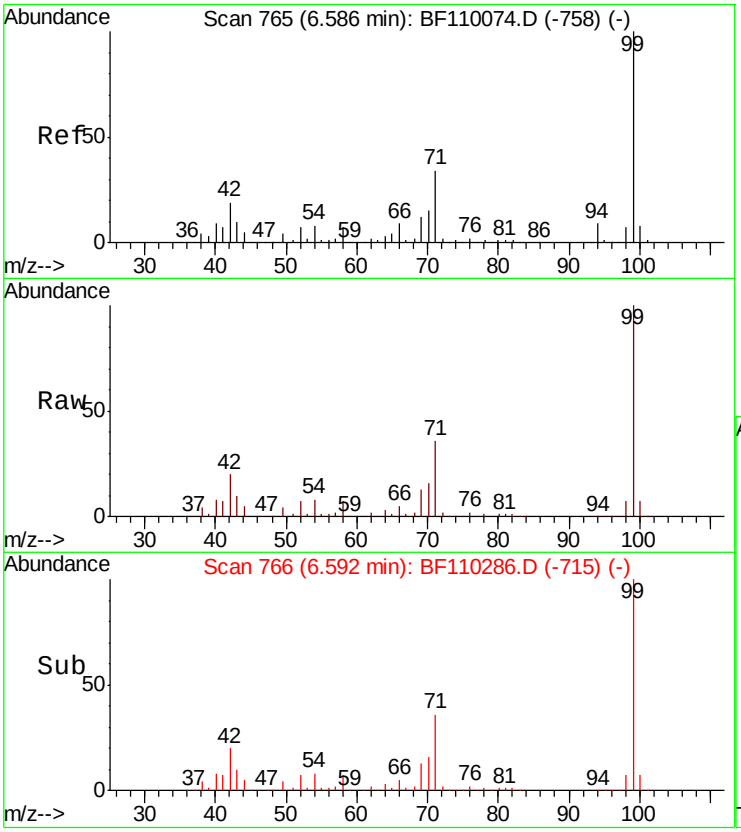


#5
2-Fluorophenol
Concen: 93.357 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF110286.D
Acq: 30 Oct 2018 2:15

Tgt Ion:112 Resp: 564361

Ion	Ratio	Lower	Upper
112	100		
64	59.5	44.1	66.1
63	31.8	23.7	35.5



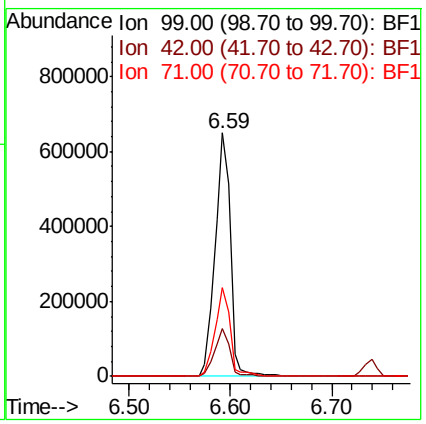


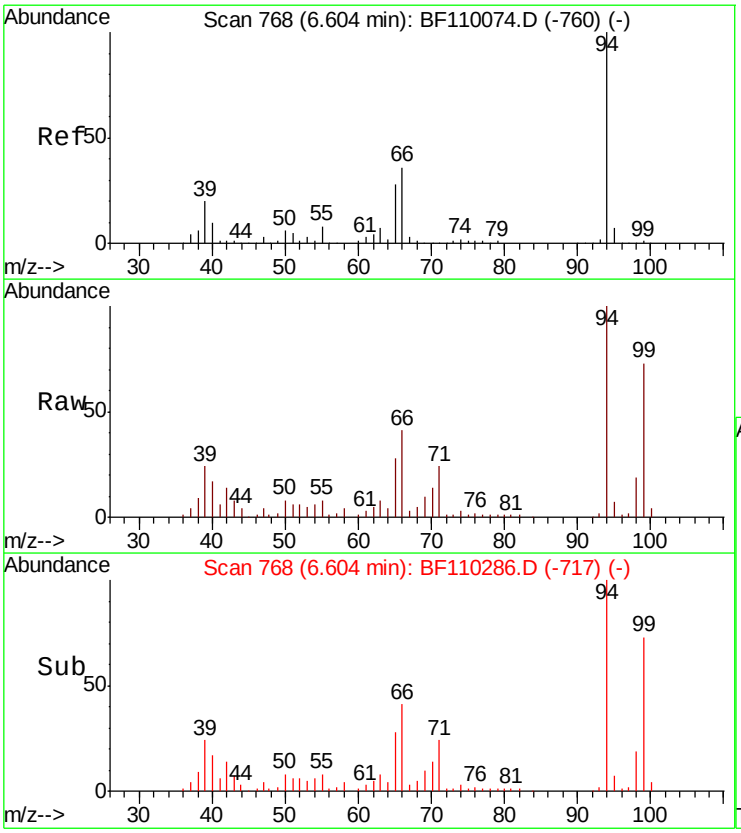
#7
Phenol-d6
Concen: 88.063 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF110286.D
Acq: 30 Oct 2018 2:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 680930

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.8	23.6
71	36.4	28.0	42.0

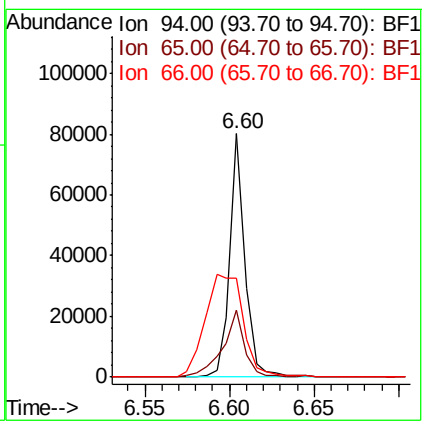


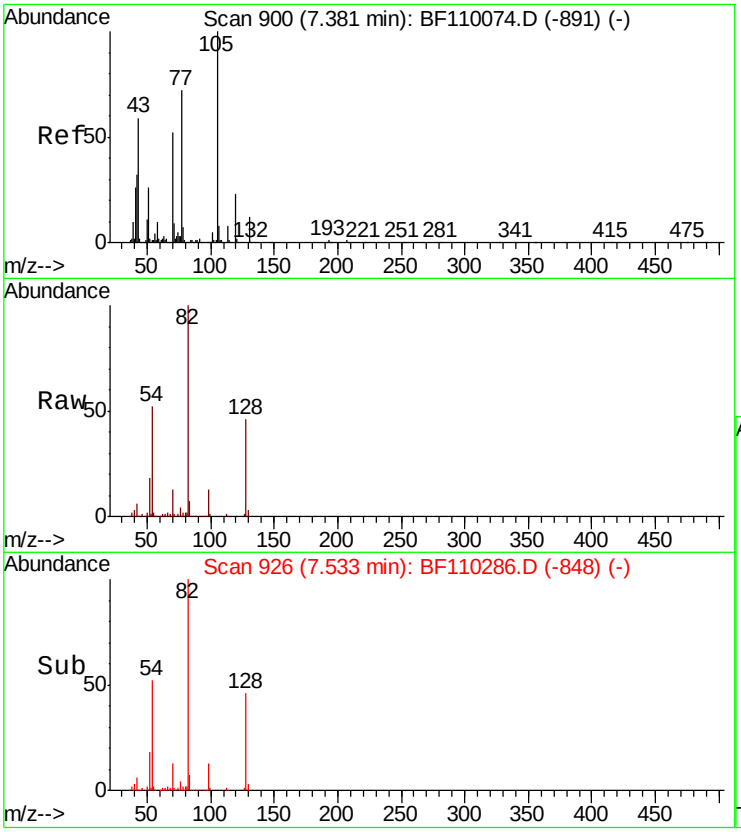


#10
Phenol
Concen: 6.056 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF110286.D
Acq: 30 Oct 2018 2:15

Tgt Ion: 94 Resp: 50053

Ion	Ratio	Lower	Upper
94	100		
65	27.7	25.3	65.3
66	40.9	54.5	94.5#



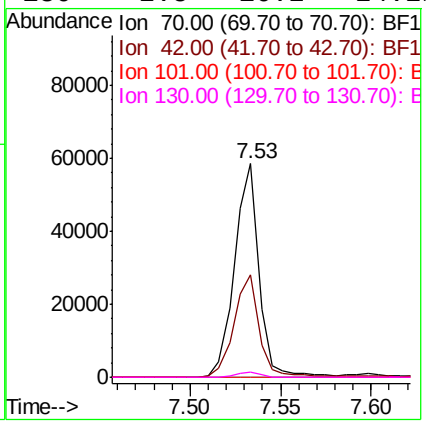


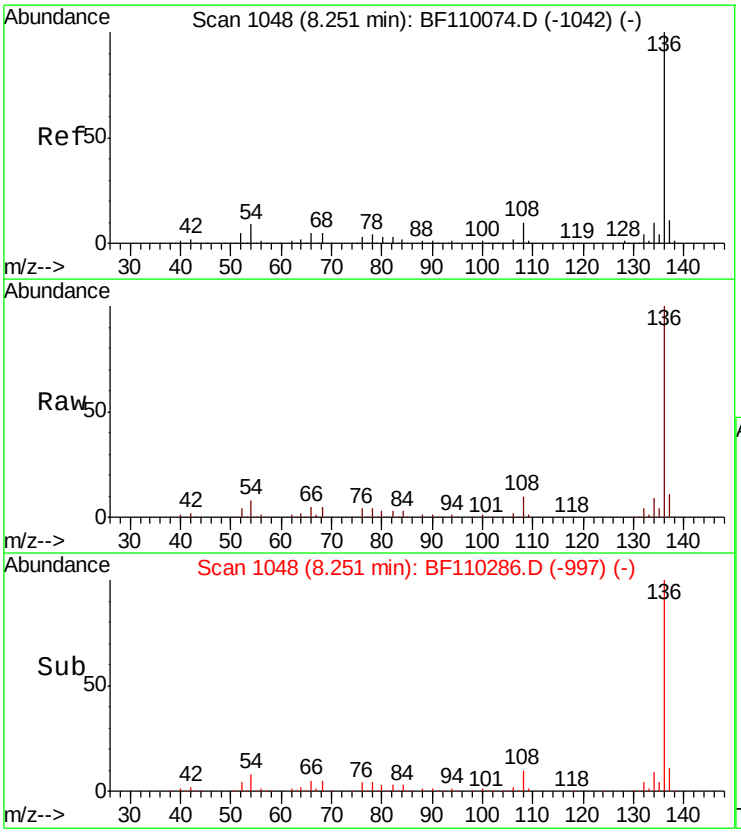
#19
n-Nitroso-di-n-propylamine
Concen: 11.050 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.16 min
Lab File: BF110286.D
Acq: 30 Oct 2018 2:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 54815

Ion	Ratio	Lower	Upper
70	100		
42	48.2	47.4	71.2
101	0.0	7.3	10.9#
130	2.5	16.2	24.2#

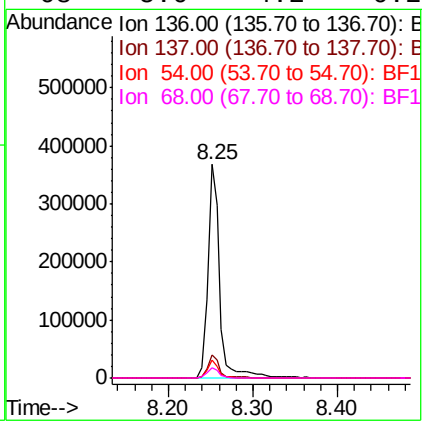


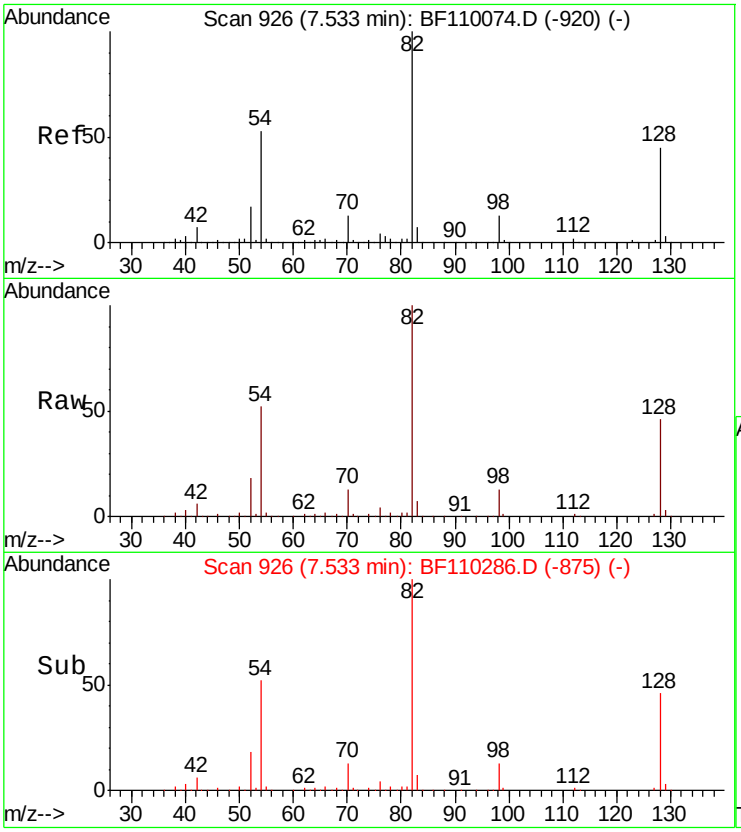


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF110286.D
Acq: 30 Oct 2018 2:15

Tgt Ion:136 Resp: 360594

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.1	5.4	8.2
68	5.0	4.2	6.2



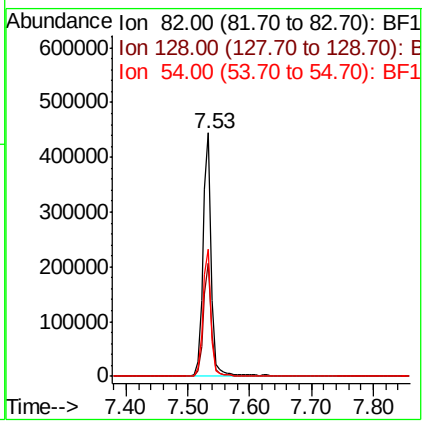


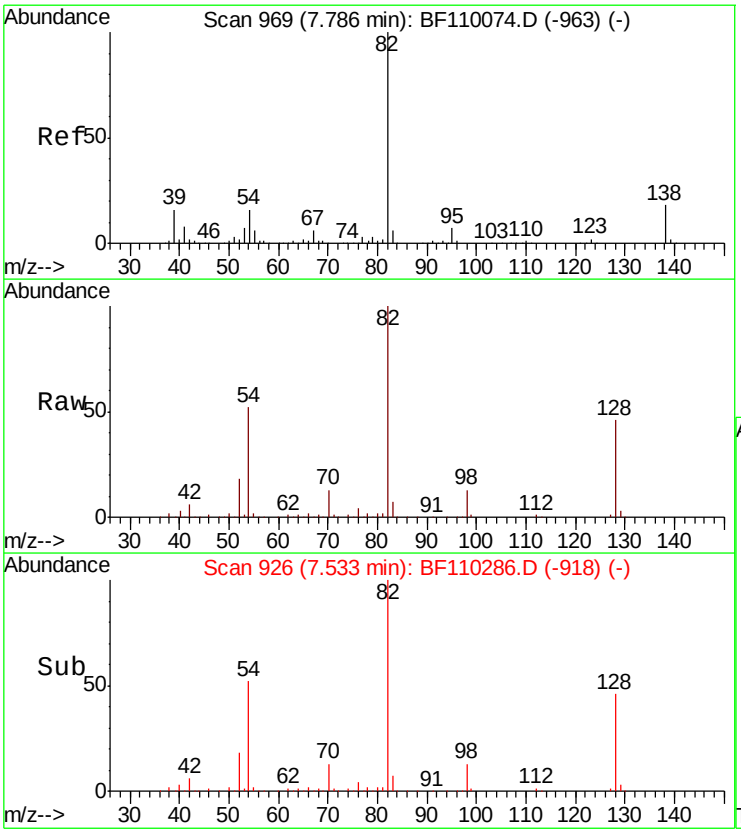
#23
Nitrobenzene-d5
Concen: 68.625 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF110286.D
Acq: 30 Oct 2018 2:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 417208

Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.2	51.2
54	52.4	38.6	58.0

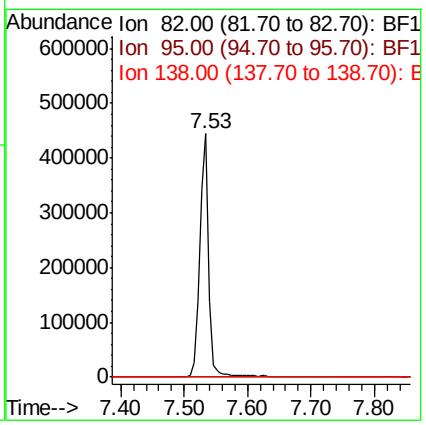


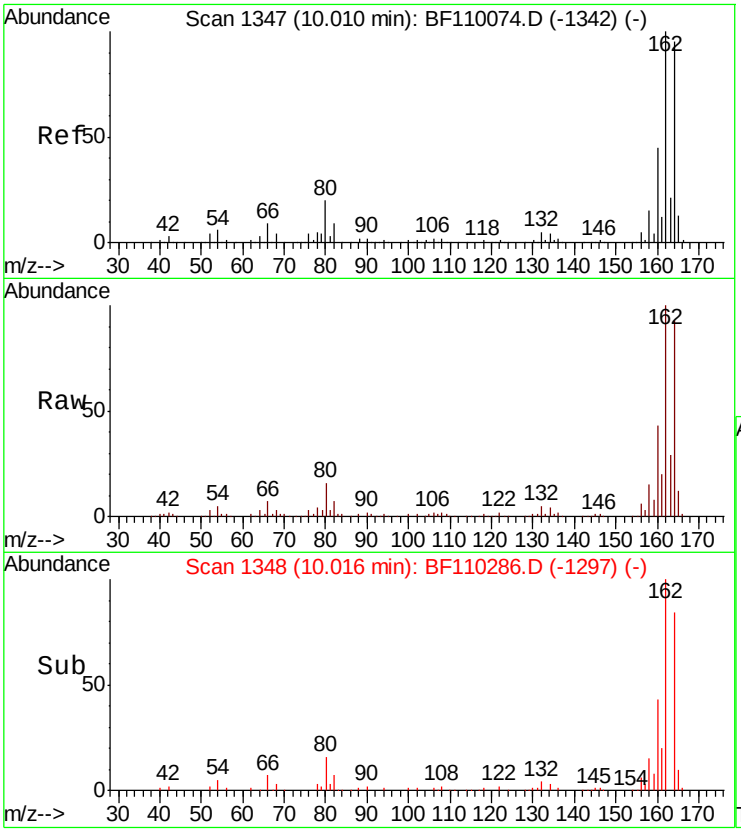


#25
Isophorone
Concen: 40.259 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF110286.D
Acq: 30 Oct 2018 2:15

Tgt Ion: 82 Resp: 417205

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



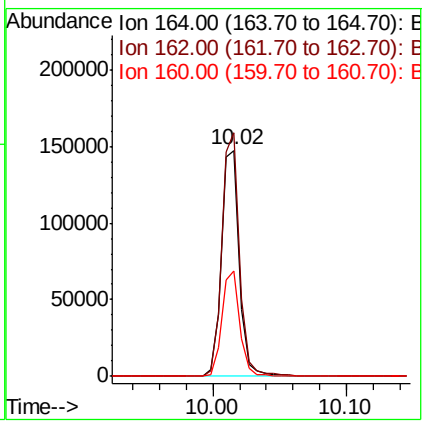


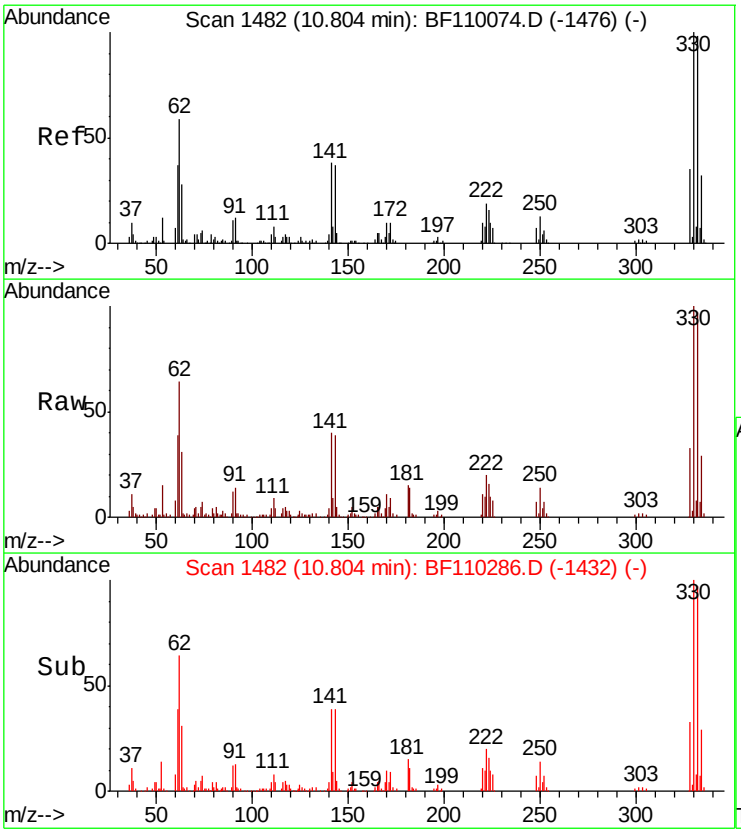
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF110286.D
Acq: 30 Oct 2018 2:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 139893

Ion	Ratio	Lower	Upper
164	100		
162	107.9	83.0	124.6
160	46.9	37.0	55.6

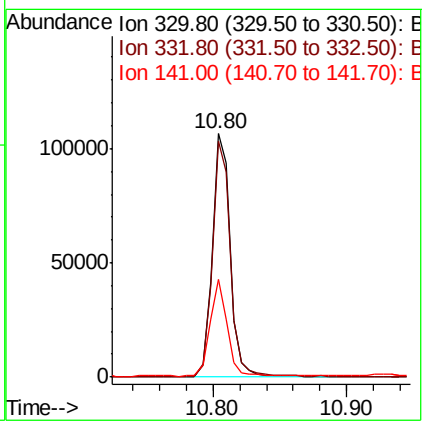


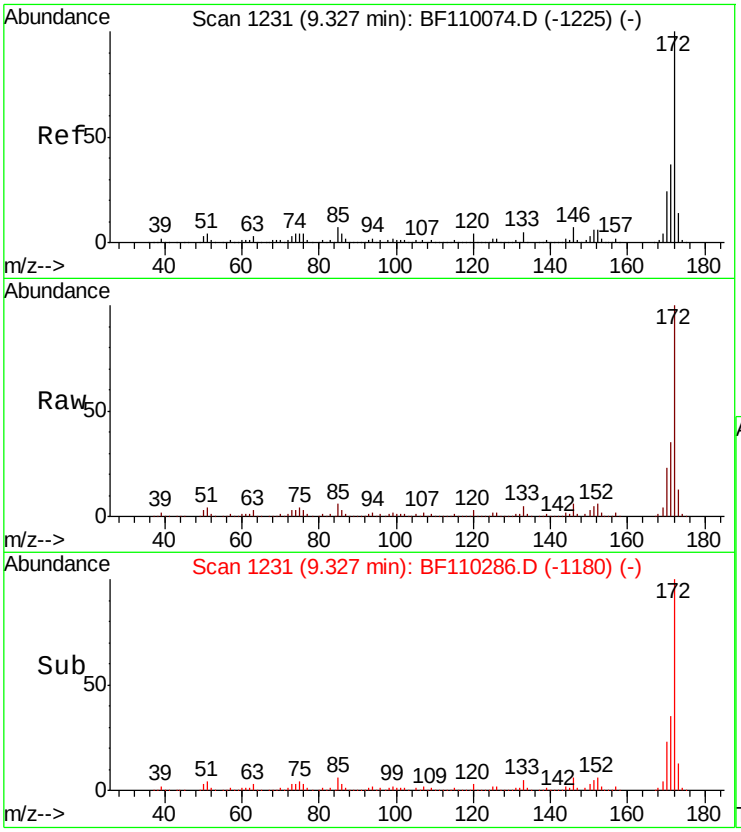


#42
2,4,6-Tribromophenol
Concen: 73.143 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110286.D
Acq: 30 Oct 2018 2:15

Tgt Ion:330 Resp: 101357

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	37.9	27.0	40.4

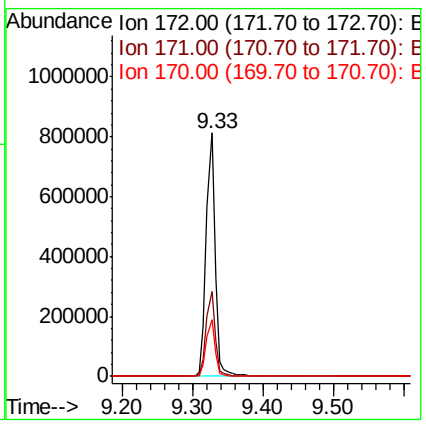




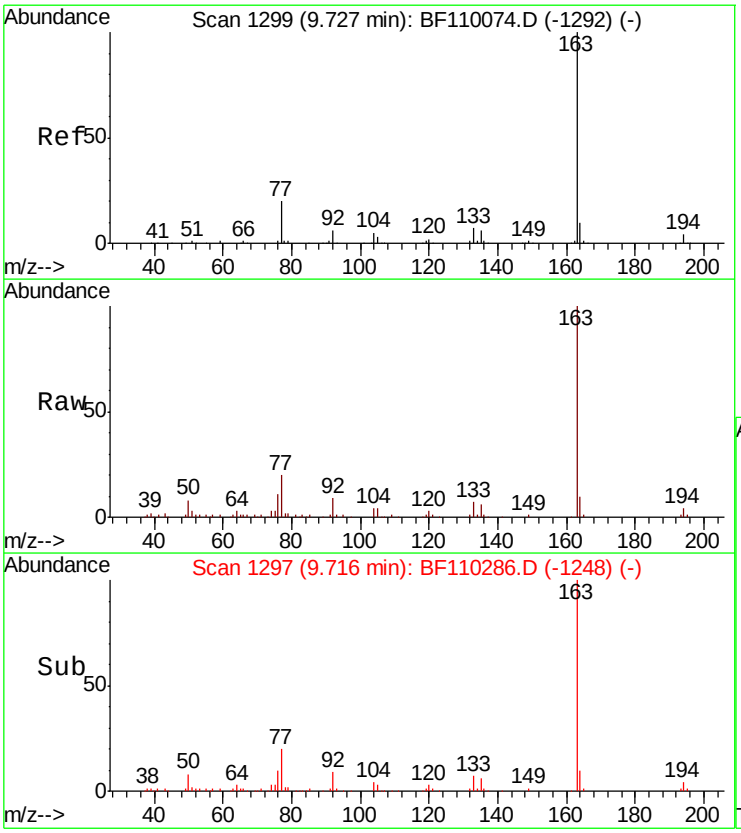
#45
2-Fluorobiphenyl
Concen: 80.382 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BF110286.D
Acq: 30 Oct 2018 2:15

Tgt Ion:172 Resp: 716114

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	43.0
170	23.2	19.7	29.5



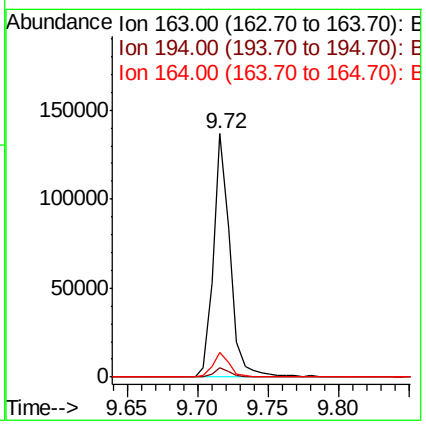
Instrument :
BNA_F
ClientSampleId :

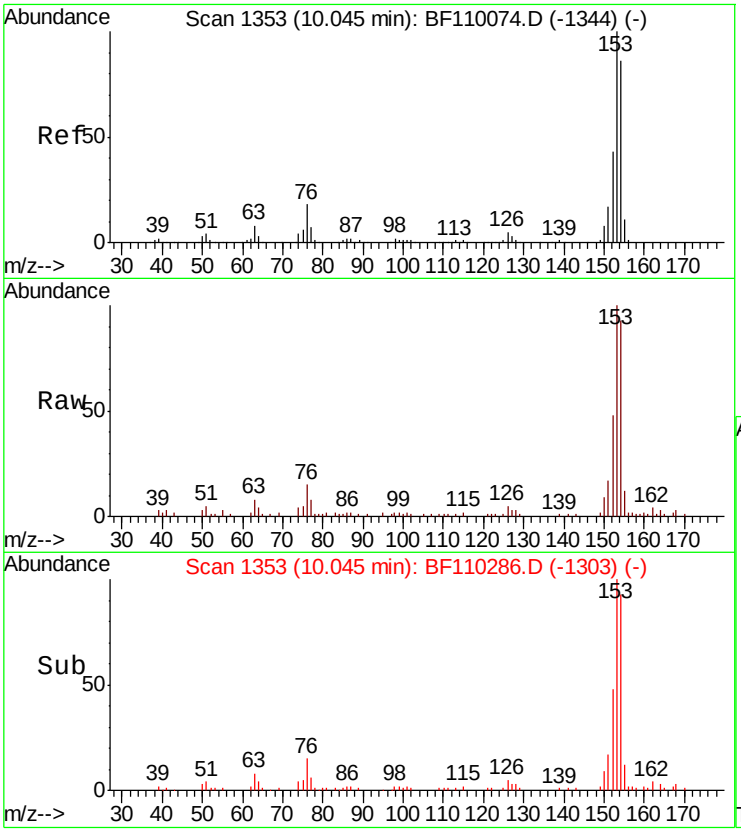


#50
Dimethylphthalate
Concen: 10.851 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110286.D
Acq: 30 Oct 2018 2:15

Tgt Ion:163 Resp: 112057

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.9	8.1	12.1



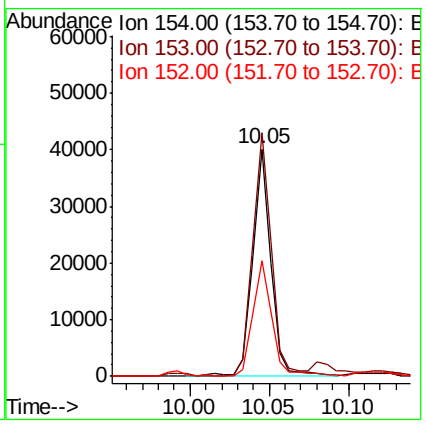


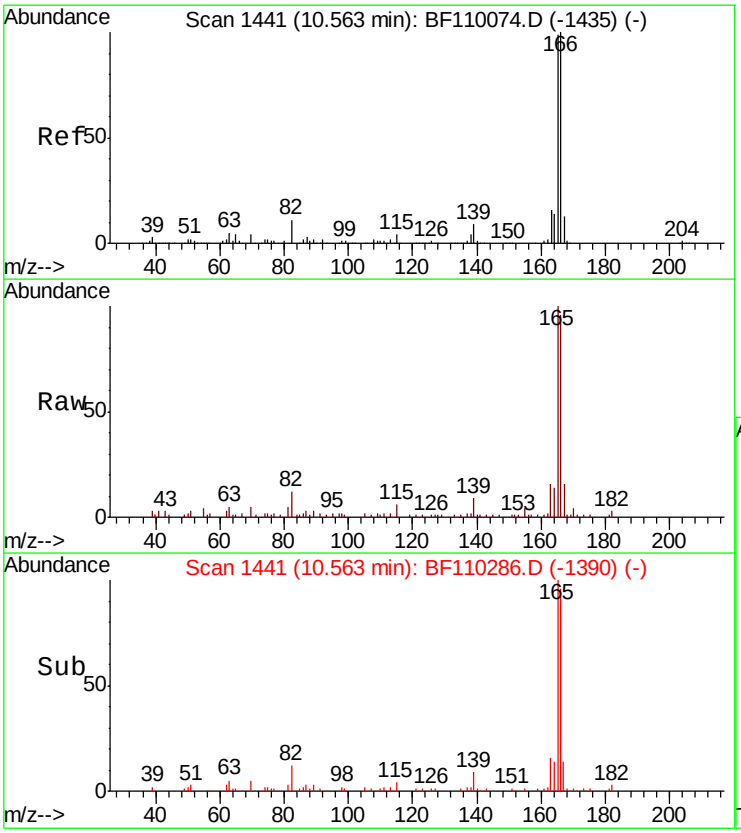
#52
Acenaphthene
Concen: 3.621 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF110286.D
Acq: 30 Oct 2018 2:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 32110

Ion	Ratio	Lower	Upper
154	100		
153	107.0	90.1	135.1
152	50.9	43.4	65.2

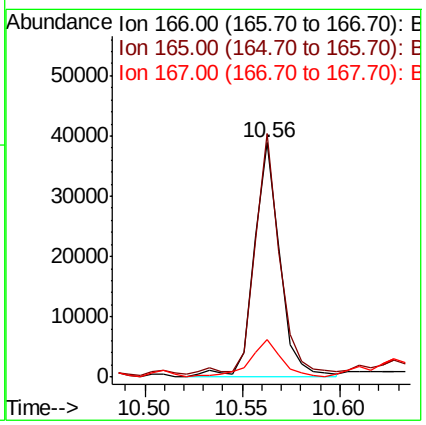


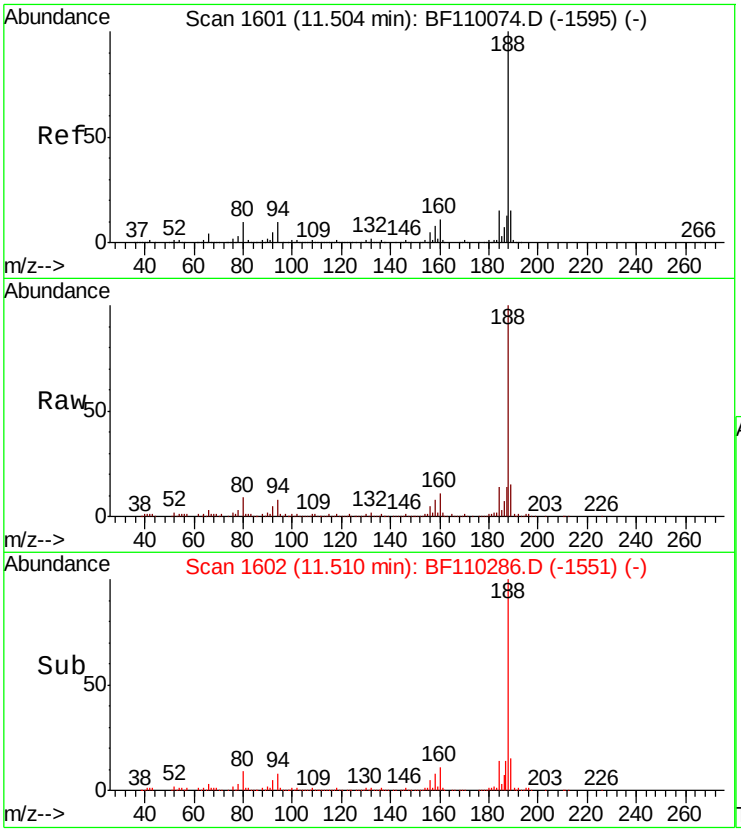


#58
Fluorene
Concen: 3.842 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF110286.D
Acq: 30 Oct 2018 2:15

Tgt Ion:166 Resp: 35495

Ion	Ratio	Lower	Upper
166	100		
165	104.0	78.6	117.8
167	16.3	10.8	16.2#



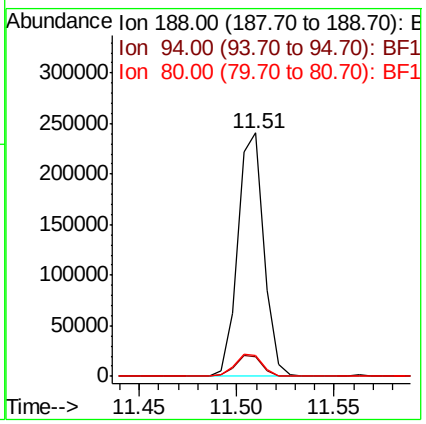


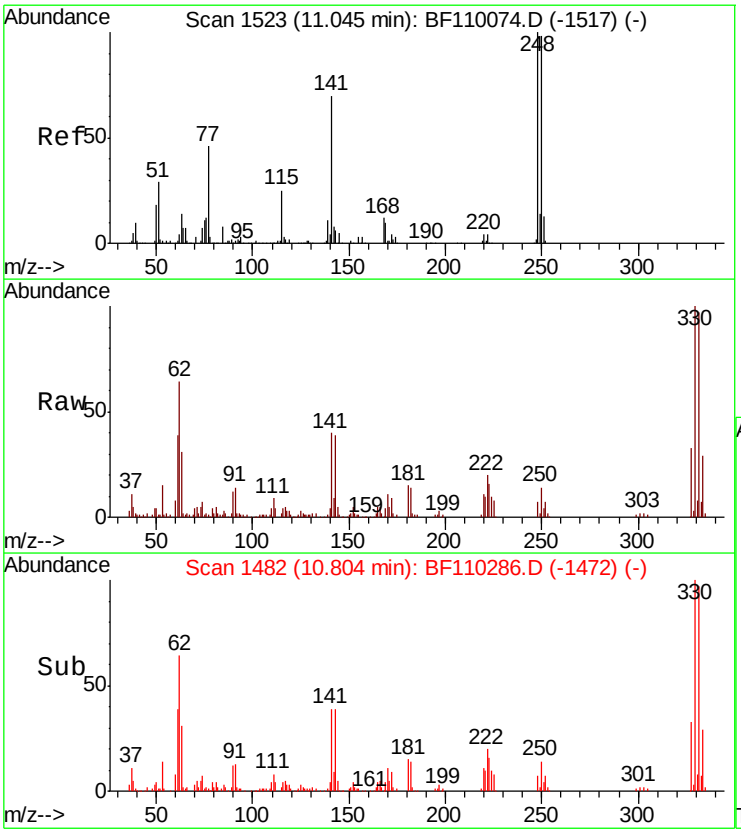
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF110286.D
Acq: 30 Oct 2018 2:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 223226

Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	8.5	7.9	11.9

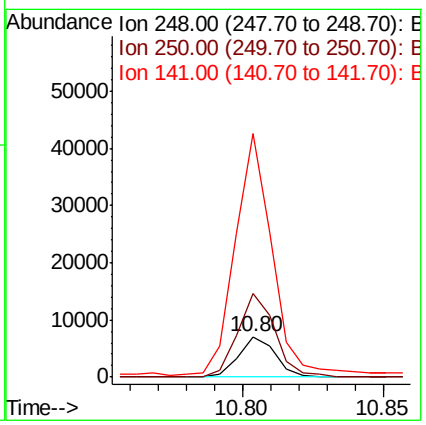


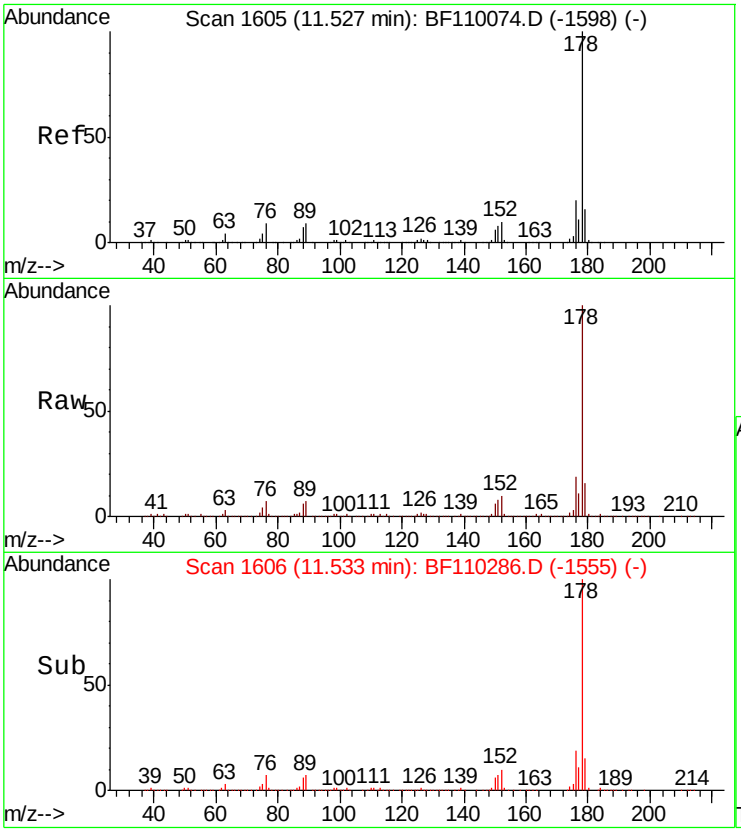


#67
4-Bromophenyl-phenylether
Concen: 2.605 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.24 min
Lab File: BF110286.D
Acq: 30 Oct 2018 2:15

Tgt Ion:248 Resp: 6308

Ion	Ratio	Lower	Upper
248	100		
250	207.1	79.4	119.2#
141	602.2	55.9	83.9#



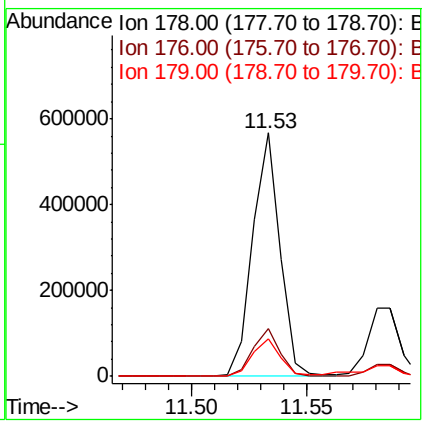


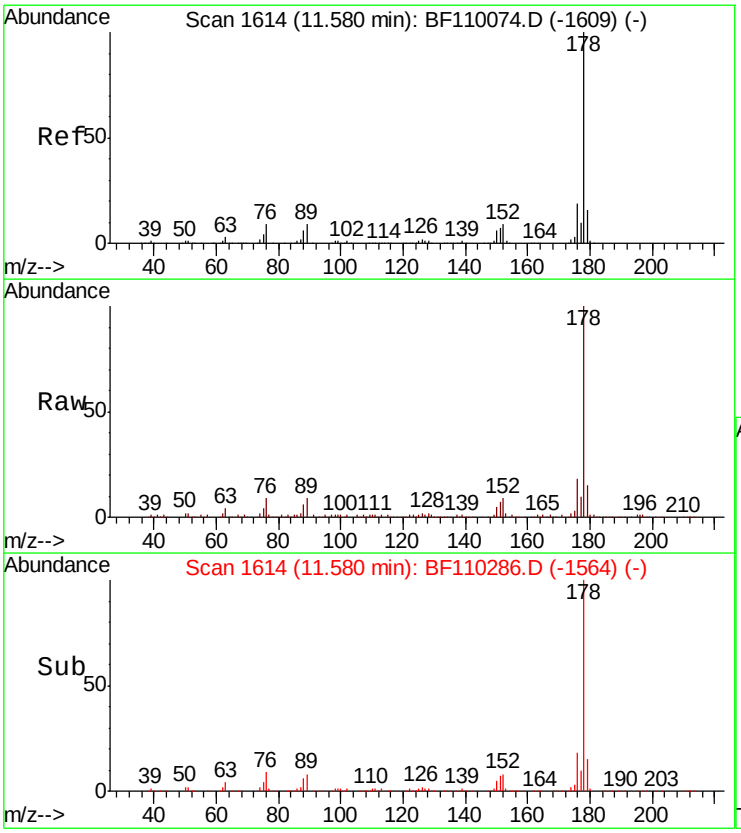
#71
Phenanthrene
Concen: 40.280 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BF110286.D
Acq: 30 Oct 2018 2:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 470482

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.6	12.5	18.7

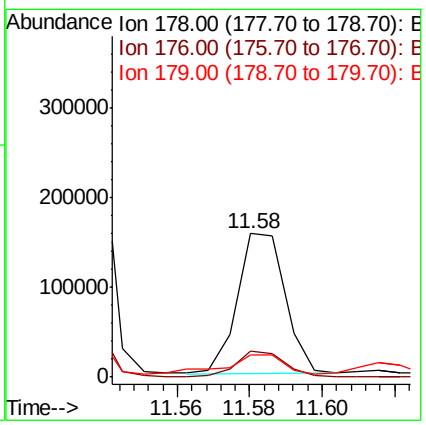


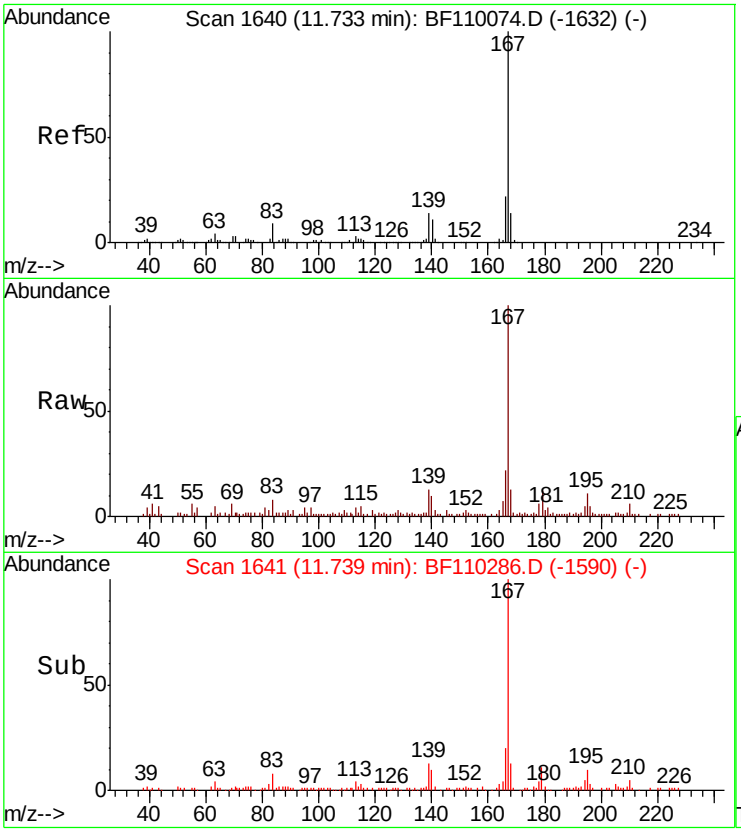


#72
Anthracene
Concen: 12.354 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF110286.D
Acq: 30 Oct 2018 2:15

Tgt Ion:178 Resp: 144630

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	15.3	12.6	18.8



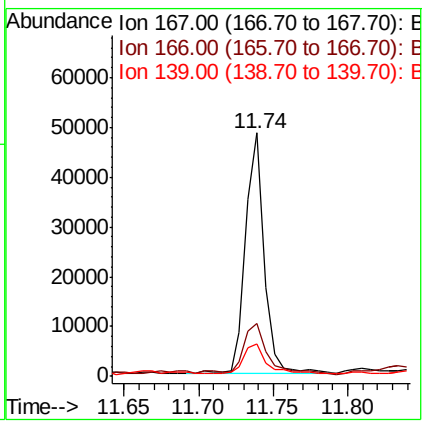


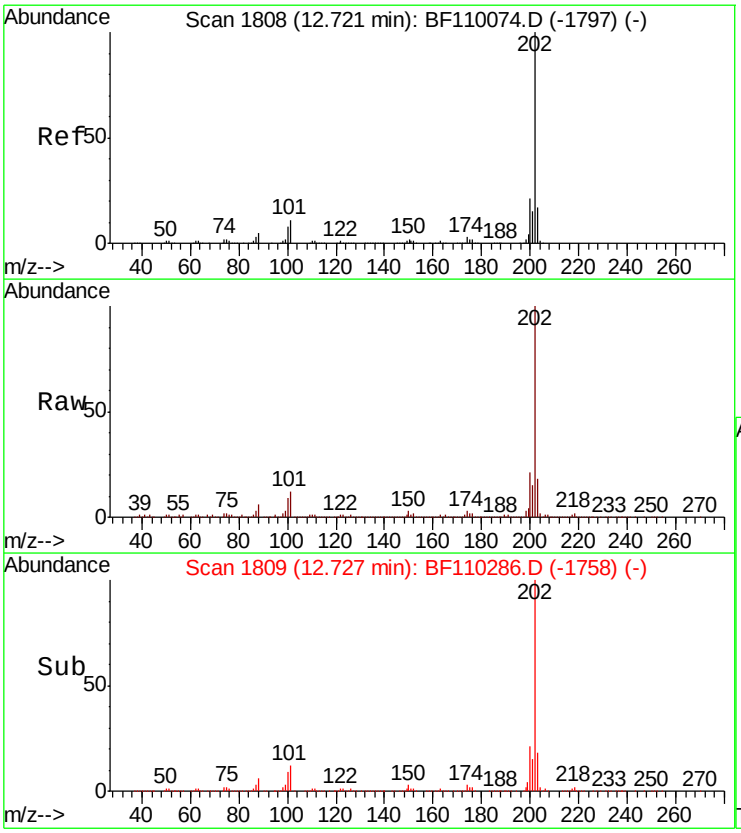
#73
Carbazole
Concen: 3.693 ng
RT: 11.74 min Scan# 1641
Delta R.T. 0.00 min
Lab File: BF110286.D
Acq: 30 Oct 2018 2:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 42216

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.0
139	13.4	10.9	16.3

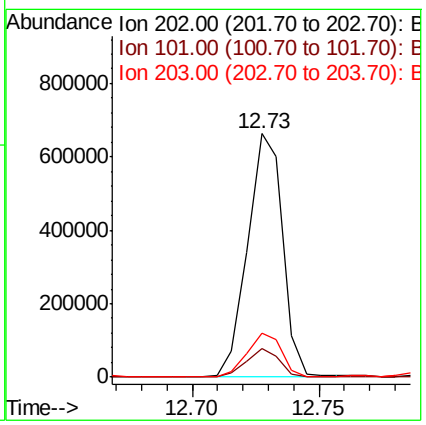


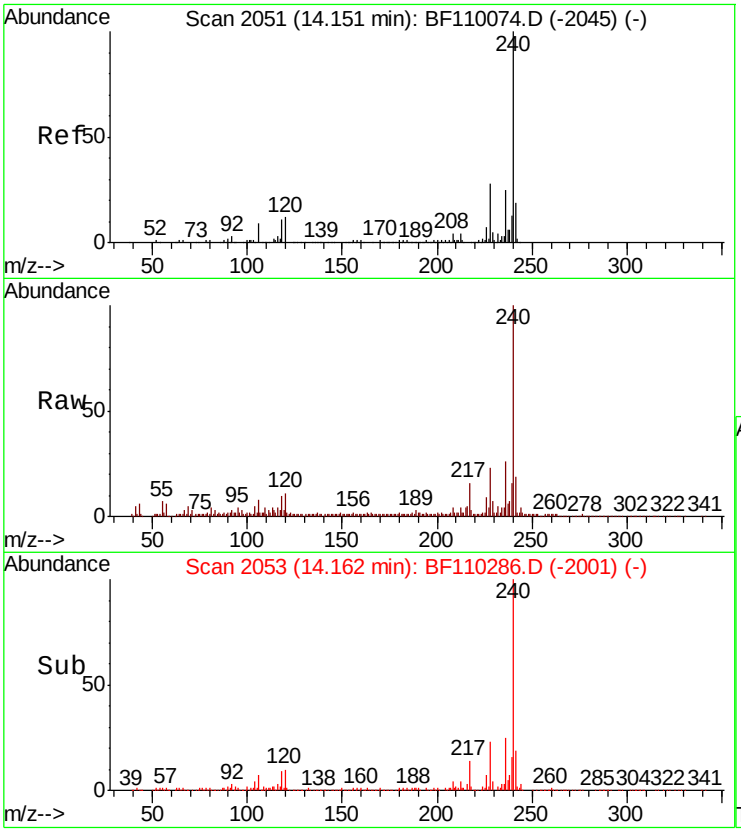


#75
Fluoranthene
Concen: 53.681 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.00 min
Lab File: BF110286.D
Acq: 30 Oct 2018 2:15

Tgt Ion:202 Resp: 636339

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.4
203	18.2	0.0	37.7



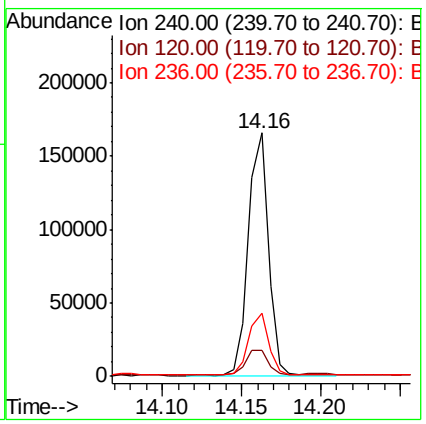


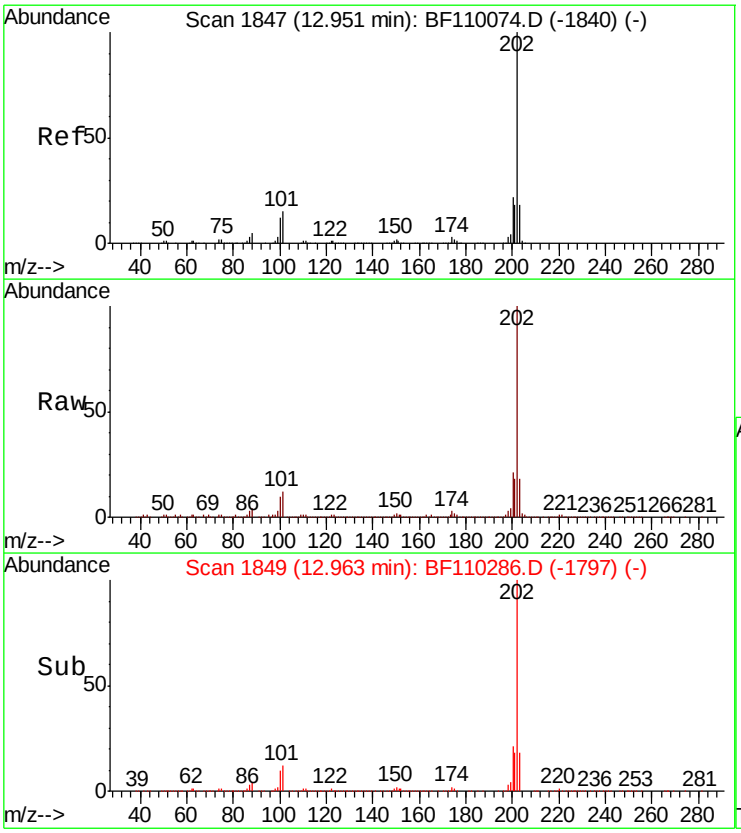
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BF110286.D
Acq: 30 Oct 2018 2:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 145453

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.3	12.5
236	25.9	21.2	31.8

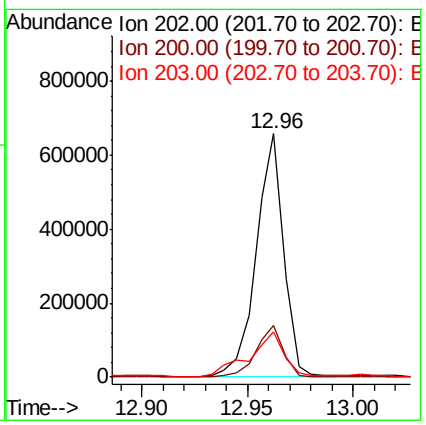


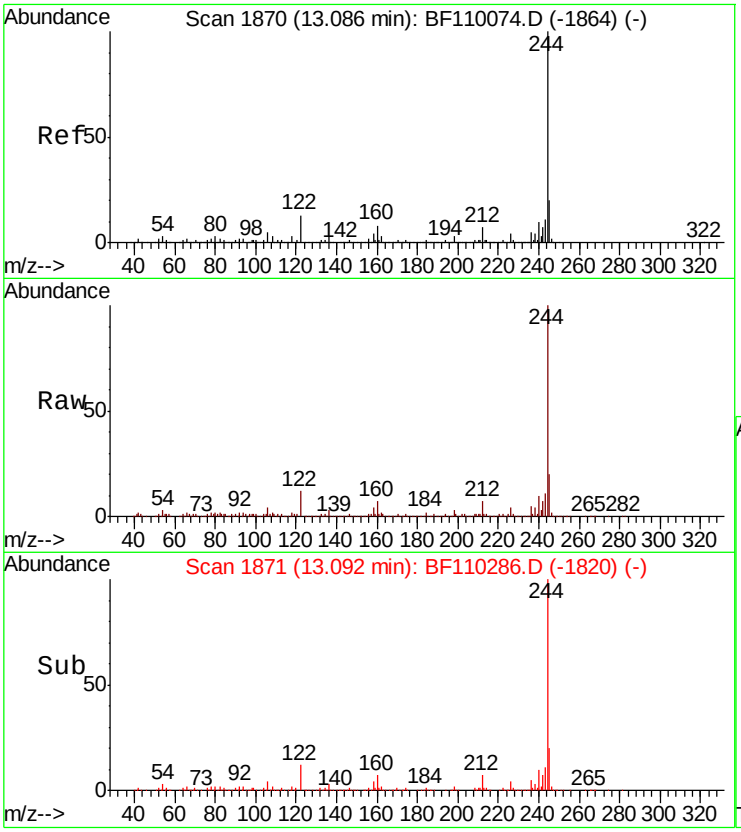


#78
Pyrene
Concen: 56.651 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF110286.D
Acq: 30 Oct 2018 2:15

Tgt Ion:202 Resp: 590744

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.8	26.6
203	18.4	14.2	21.4



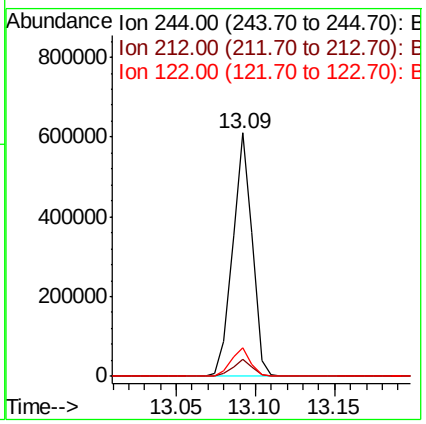


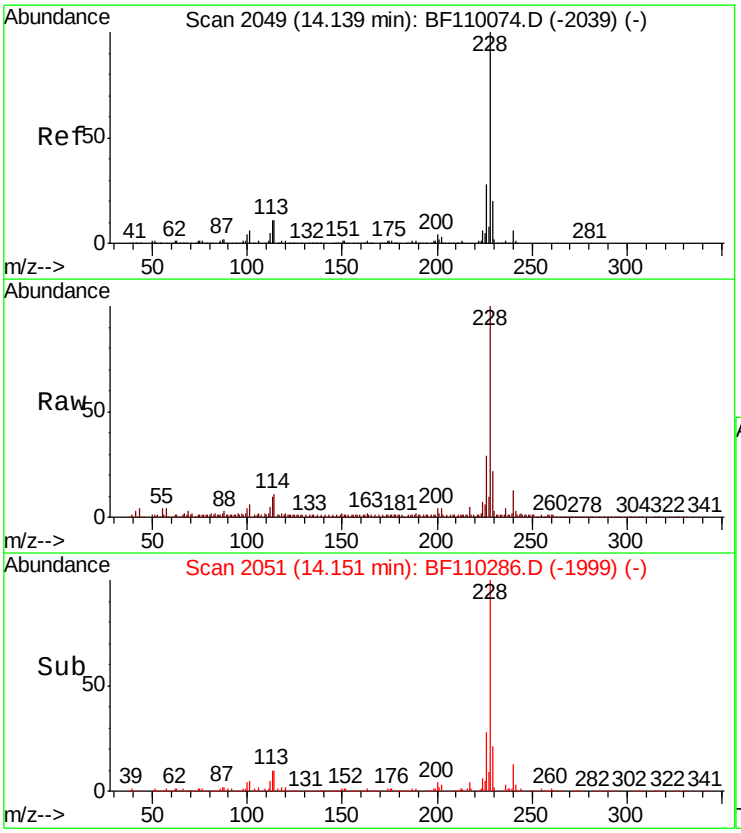
#79
Terphenyl-d14
Concen: 74.170 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.00 min
Lab File: BF110286.D
Acq: 30 Oct 2018 2:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 518736

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.6	8.7	13.1

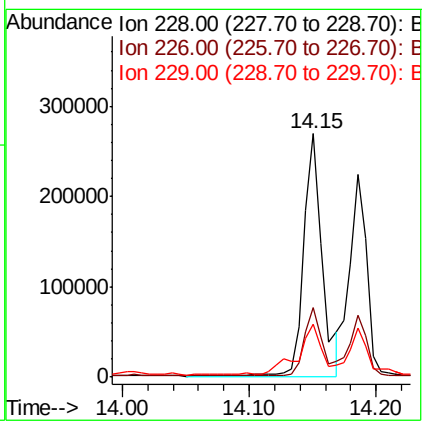


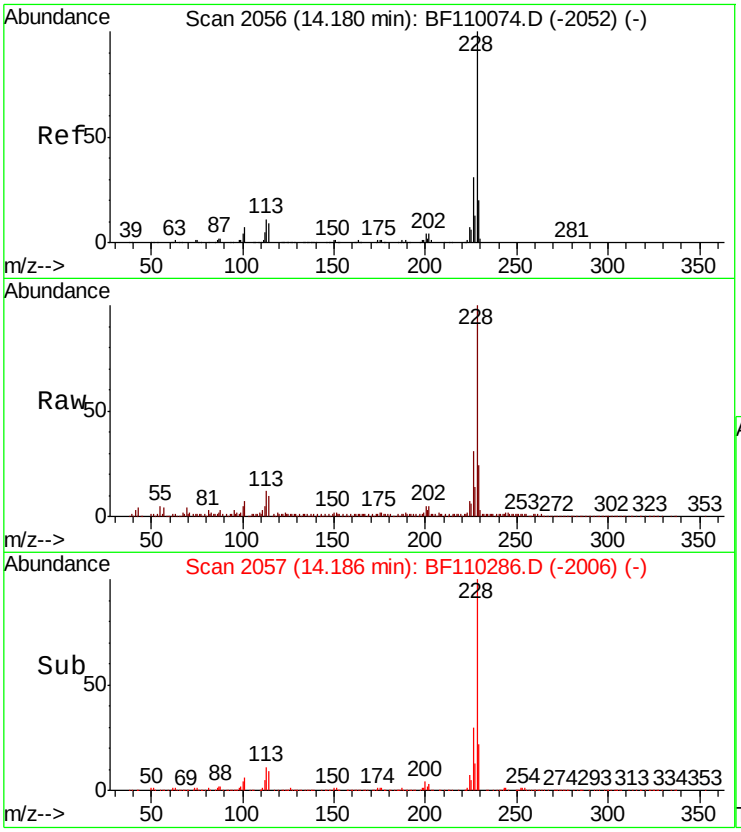


#81
Benzo(a)anthracene
Concen: 31.403 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF110286.D
Acq: 30 Oct 2018 2:15

Tgt Ion:228 Resp: 270871

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.1	33.1
229	21.7	15.6	23.4



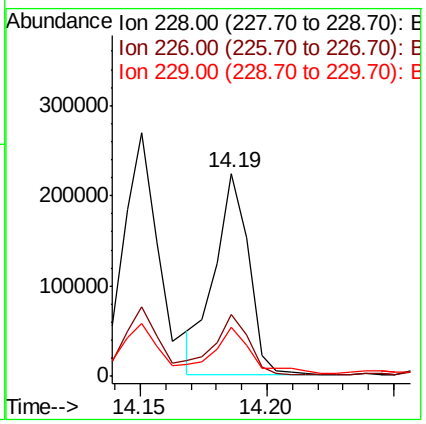


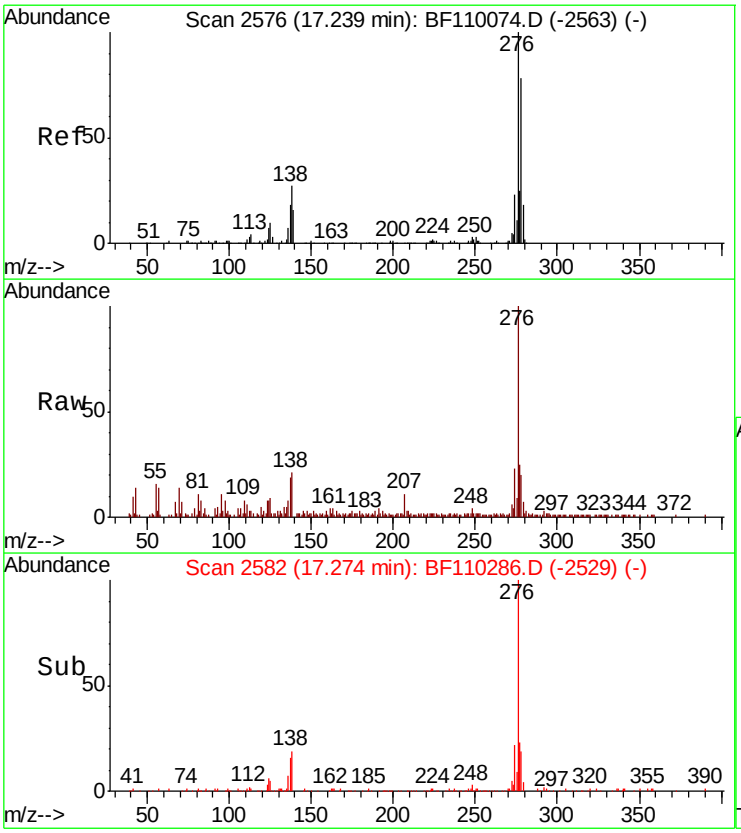
#83
Chrysene
Concen: 25.568 ng
RT: 14.19 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BF110286.D
Acq: 30 Oct 2018 2:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 209475

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.7	37.1
229	23.9	15.9	23.9

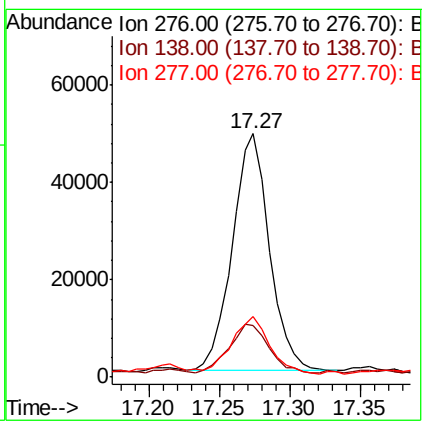


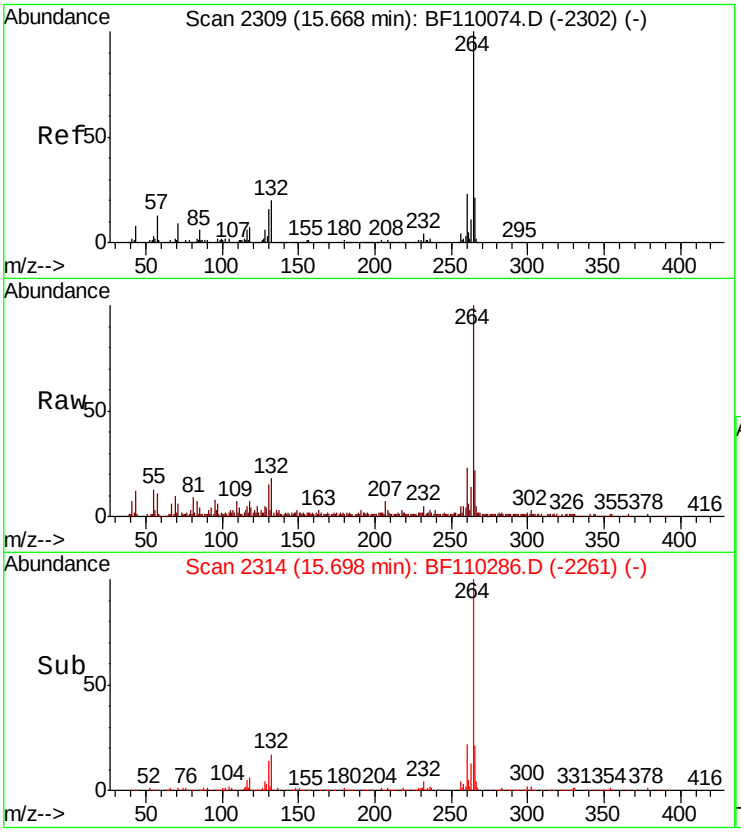


#86
Indeno(1,2,3-cd)pyrene
Concen: 13.091 ng
RT: 17.27 min Scan# 2582
Delta R.T. 0.01 min
Lab File: BF110286.D
Acq: 30 Oct 2018 2:15

Tgt Ion:276 Resp: 88972

Ion	Ratio	Lower	Upper
276	100		
138	21.8	18.5	27.7
277	24.6	20.0	30.0



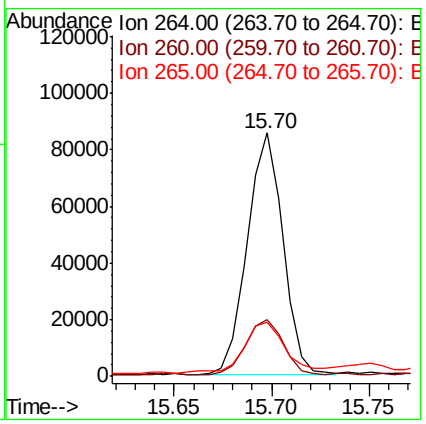


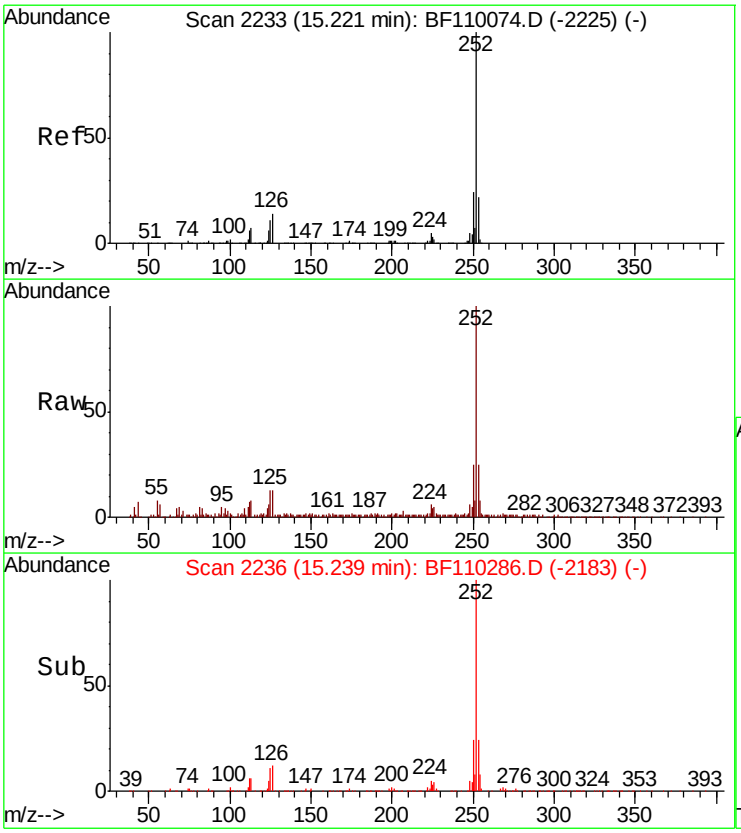
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. 0.01 min
Lab File: BF110286.D
Acq: 30 Oct 2018 2:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 108574

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	22.2	16.7	25.1

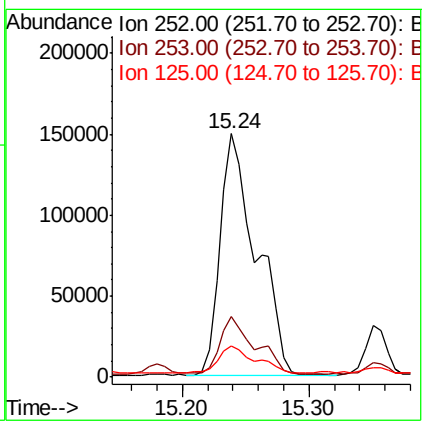


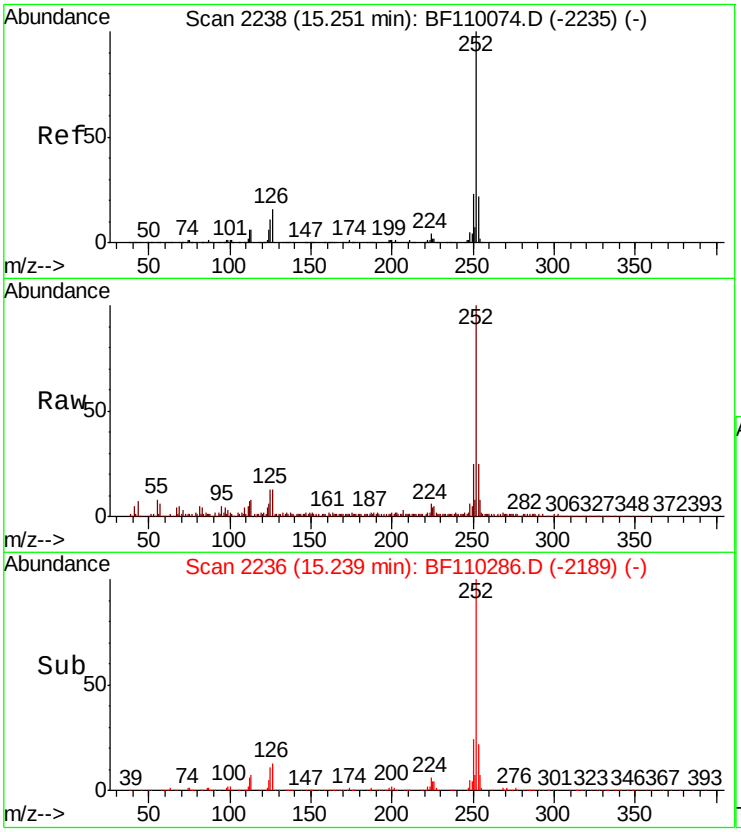


#88
Benzo(b)fluoranthene
Concen: 47.253 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF110286.D
Acq: 30 Oct 2018 2:15

Tgt Ion:252 Resp: 296266

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.2	25.8
125	12.7	8.2	12.4#



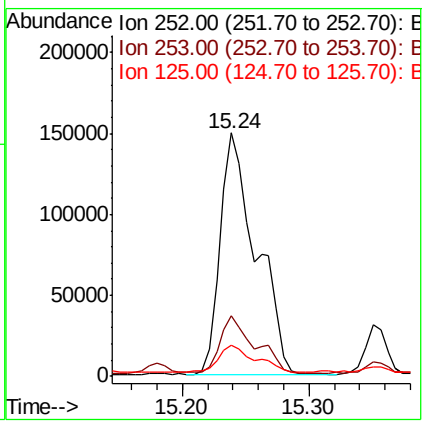


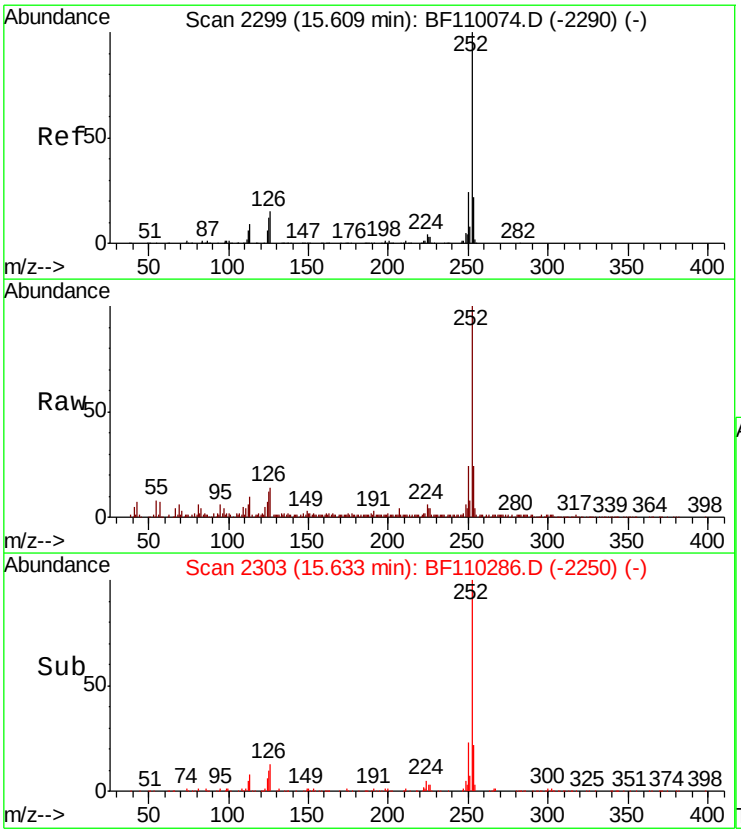
#89
Benzo(k)fluoranthene
Concen: 48.066 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF110286.D
Acq: 30 Oct 2018 2:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 296266

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.2	25.8
125	12.7	7.4	11.0#

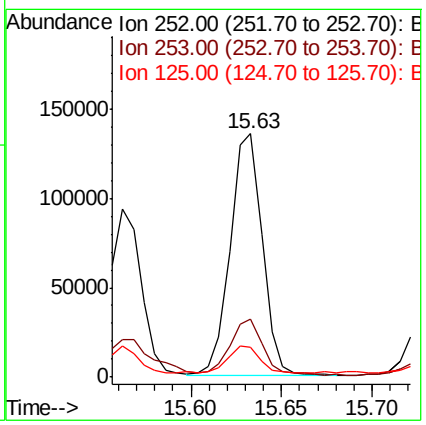


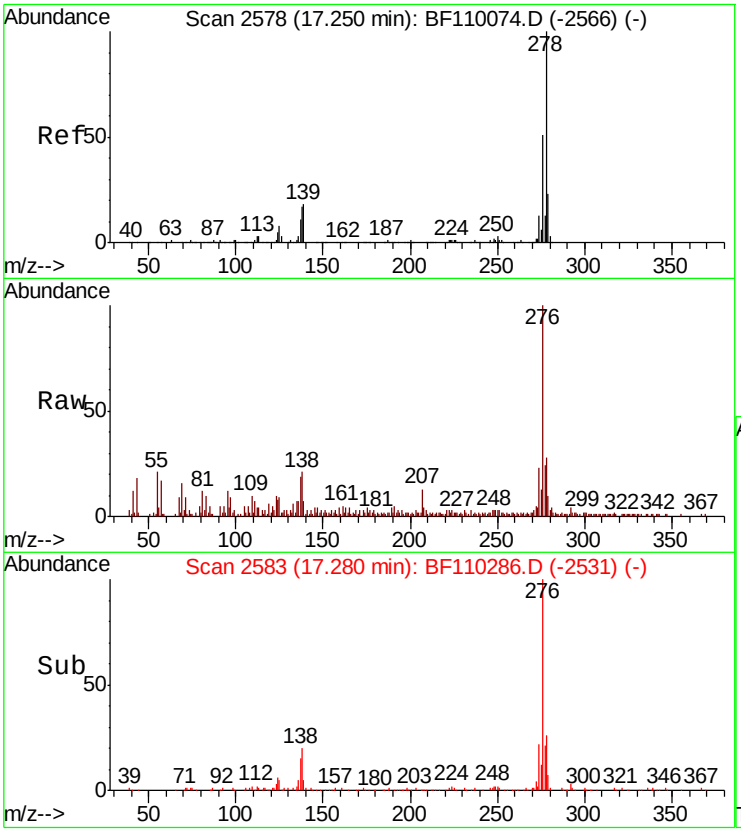


#90
Benzo(a)pyrene
Concen: 28.807 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.01 min
Lab File: BF110286.D
Acq: 30 Oct 2018 2:15

Tgt Ion:252 Resp: 166194

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.4
125	12.2	9.0	13.6



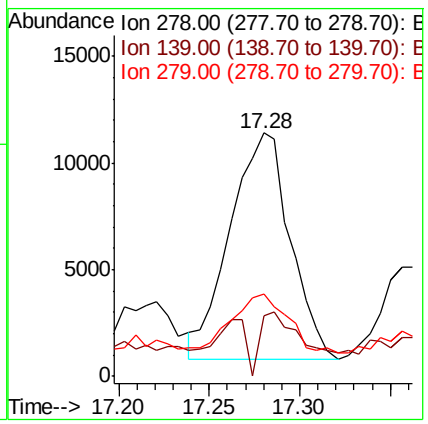


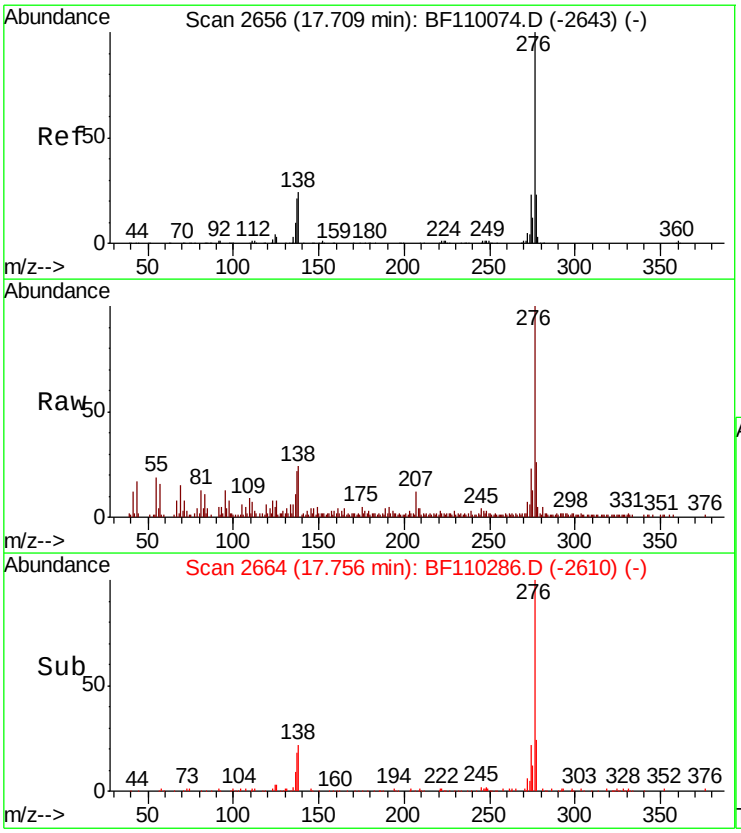
#91
Dibenzo(a,h)anthracene
Concen: 4.903 ng
RT: 17.28 min Scan# 2583
Delta R.T. 0.01 min
Lab File: BF110286.D
Acq: 30 Oct 2018 2:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 24409

Ion	Ratio	Lower	Upper
278	100		
139	24.9	12.7	19.1#
279	34.0	19.0	28.4#





#92
Benzo(g,h,i)perylene
Concen: 18.722 ng
RT: 17.76 min Scan# 2664
Delta R.T. 0.02 min
Lab File: BF110286.D
Acq: 30 Oct 2018 2:15

Tgt Ion:276 Resp: 91838

Ion	Ratio	Lower	Upper
276	100		
277	26.1	18.8	28.2
138	23.9	16.0	24.0