Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121018\
Data File : BF111256.D
Acq On : 10 Dec 2018 21:41
Operator : JU/SJ
Sample : J6237-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-2

Quant Time: Dec 11 04:00:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 01:15:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	597786	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	2222901	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	846920	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1211730	20.00	ng		0.00
76) Chrysene-d12	13.96	240	634873	20.00	ng		0.00
87) Perylene-d12	15.40	264	526779	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	3516755	92.90	ng		0.02
7) Phenol-d6	6.44	99	4420952	93.97	ng		0.00
23) Nitrobenzene-d5	7.36	82	2830522	71.42	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	509374	67.90	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	3896184	77.99	ng		0.00
79) Terphenyl-d14	12.91	244	1850372	69.91	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.44	77	11733	Below Cal		#	1
10) Phenol	6.45	94	304562	5.536	ng		97
19) n-Nitroso-di-n-propylamine	7.36	70	385954	12.246	ng	#	78
25) Isophorone	7.36	82	2768424	41.013	ng	#	64
46) 1,1'-Biphenyl	9.26	154	15985	Below Cal			97
50) Dimethylphthalate	9.55	163	356659	5.707	ng	#	96
52) Acenaphthene	9.87	154	193563	3.834	ng		99
58) Fluorene	10.39	166	135343	2.546	ng		98
67) 4-Bromophenyl-phenylether	10.63	248	35012	2.638	ng	#	1
71) Phenanthrene	11.35	178	373255	6.107	ng		95
72) Anthracene	11.35	178	373255	5.837	ng		97
75) Fluoranthene	12.53	202	127482	2.283	ng		98
78) Pyrene	12.76	202	103238	2.276	ng		94

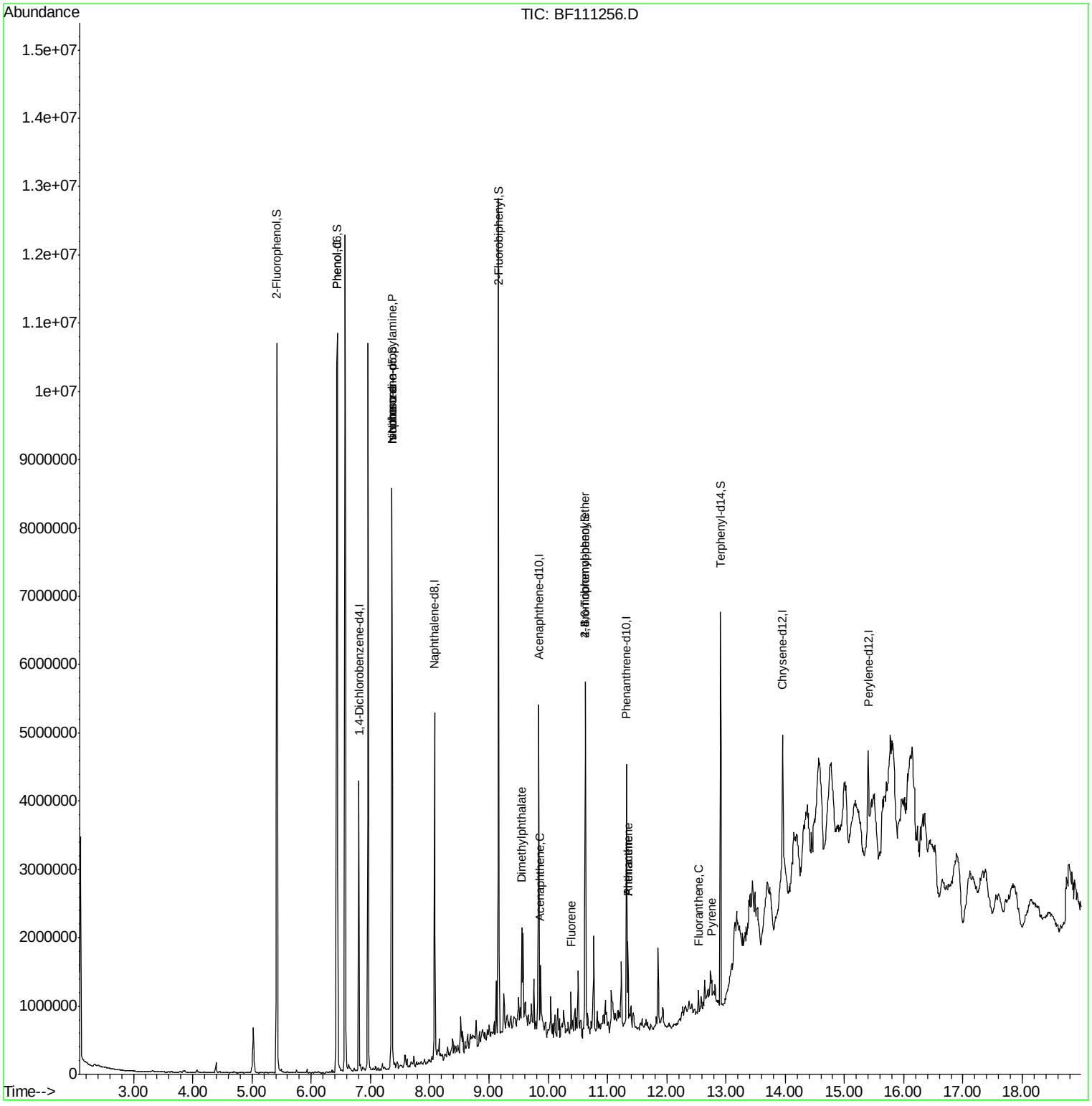
(#) = qualifier out of range (m) = manual integration (+) = signals summed

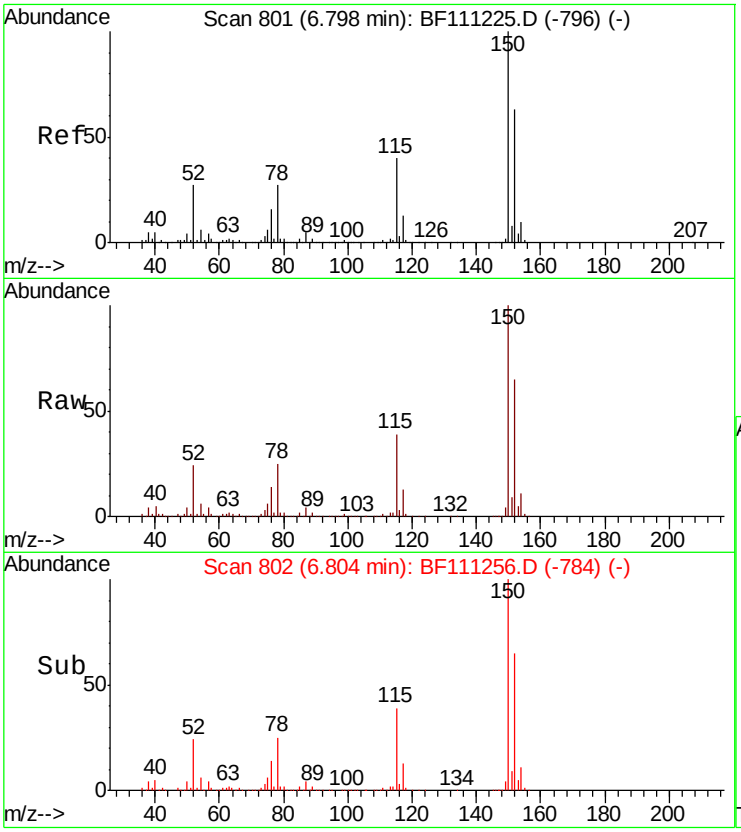
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121018\
Data File : BF111256.D
Acq On : 10 Dec 2018 21:41
Operator : JU/SJ
Sample : J6237-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2

Quant Time: Dec 11 04:00:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 01:15:27 2018
Response via : Initial Calibration



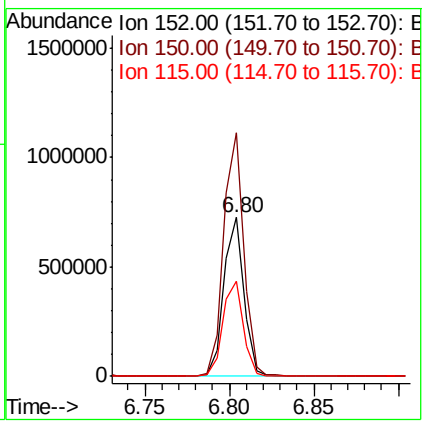


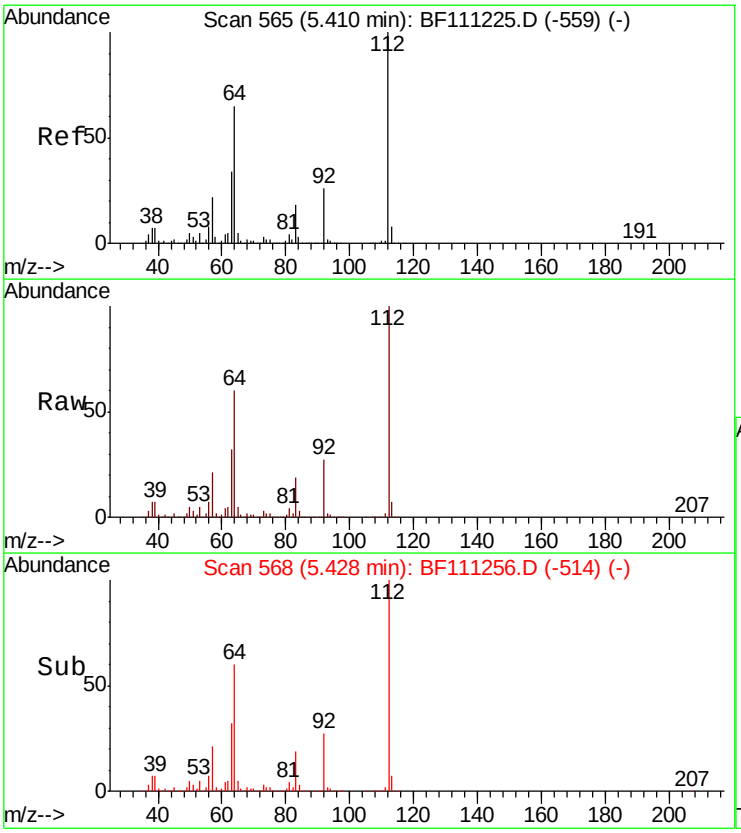
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2

Tgt Ion:152 Resp: 597786

Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.6	189.8
115	59.7	50.7	76.1

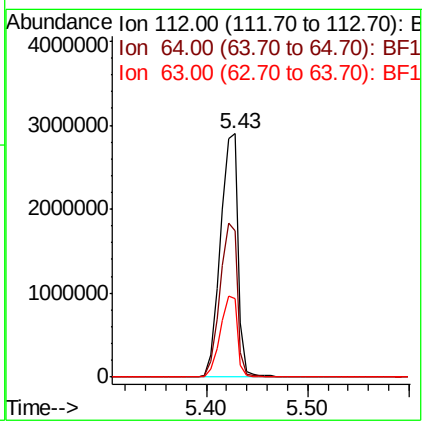


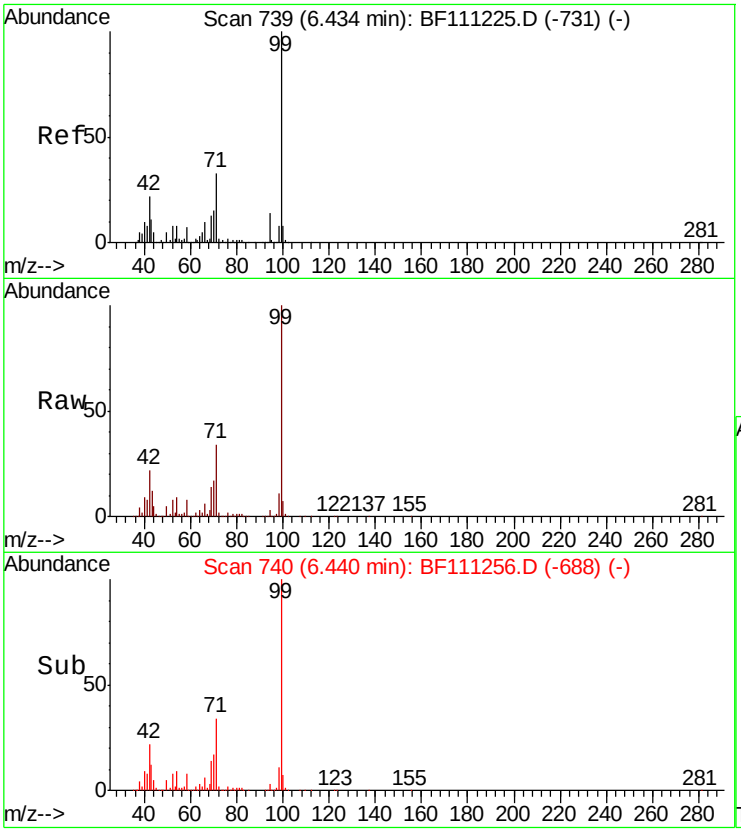


#5
2-Fluorophenol
Concen: 92.896 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

Tgt Ion:112 Resp: 3516755

Ion	Ratio	Lower	Upper
112	100		
64	60.1	51.8	77.6
63	32.1	26.8	40.2



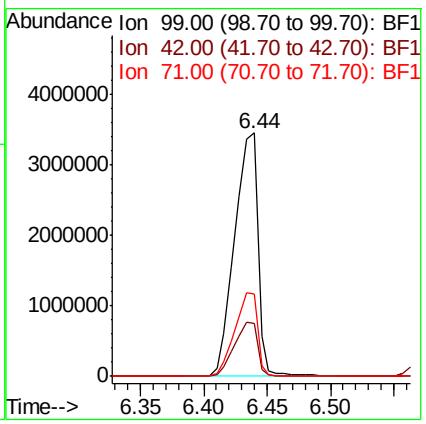


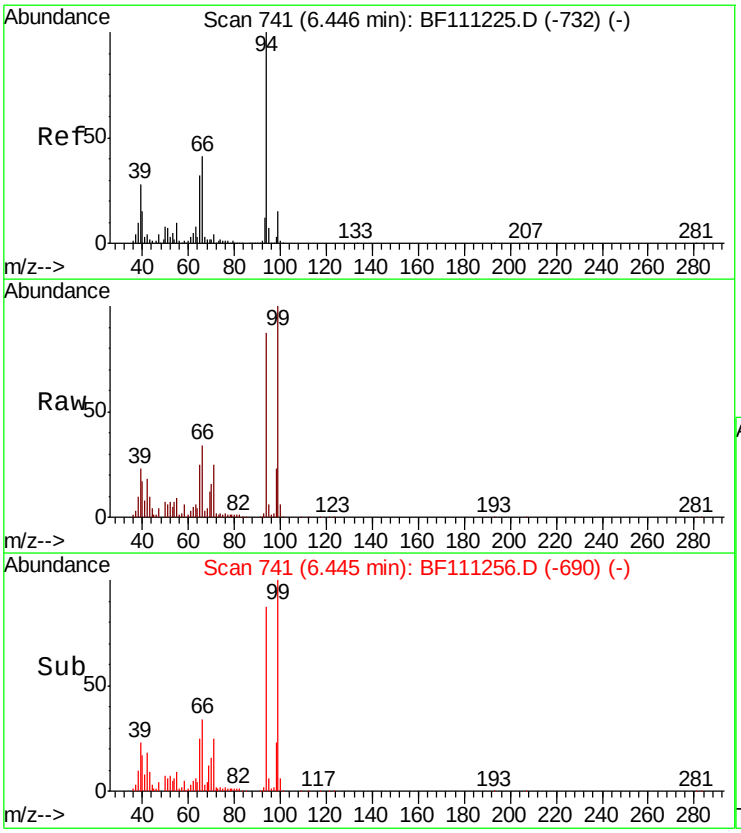
#7
Phenol-d6
Concen: 93.970 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2

Tgt Ion: 99 Resp: 4420952

Ion	Ratio	Lower	Upper
99	100		
42	22.0	17.4	26.0
71	33.8	26.1	39.1

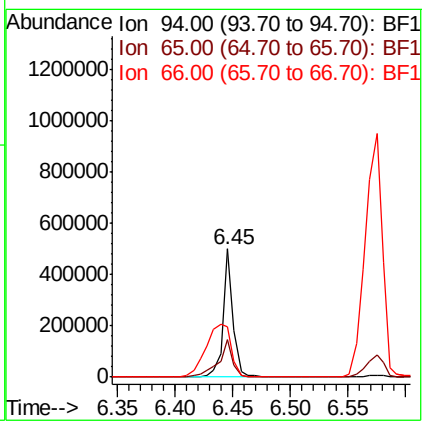


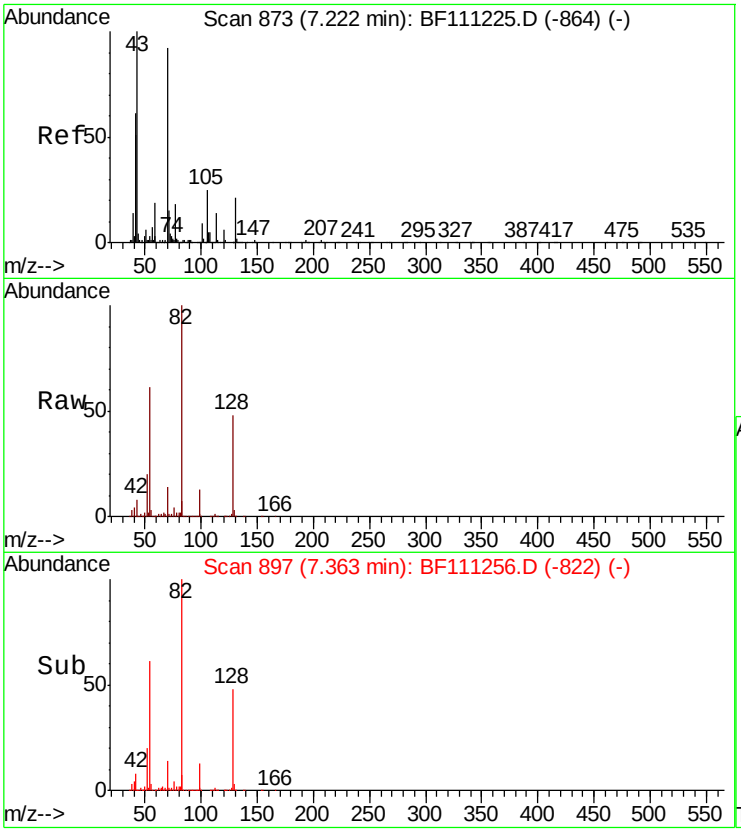


#10
Phenol
Concen: 5.536 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

Tgt Ion: 94 Resp: 304562

Ion	Ratio	Lower	Upper
94	100		
65	29.1	11.7	51.7
66	39.8	21.0	61.0



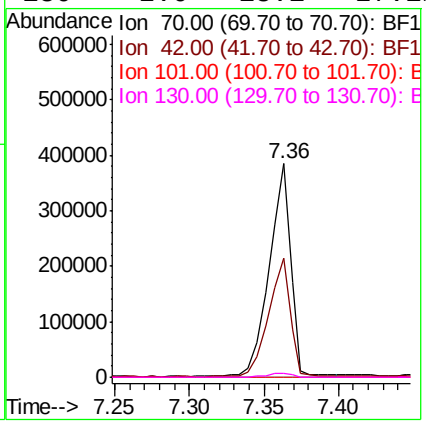


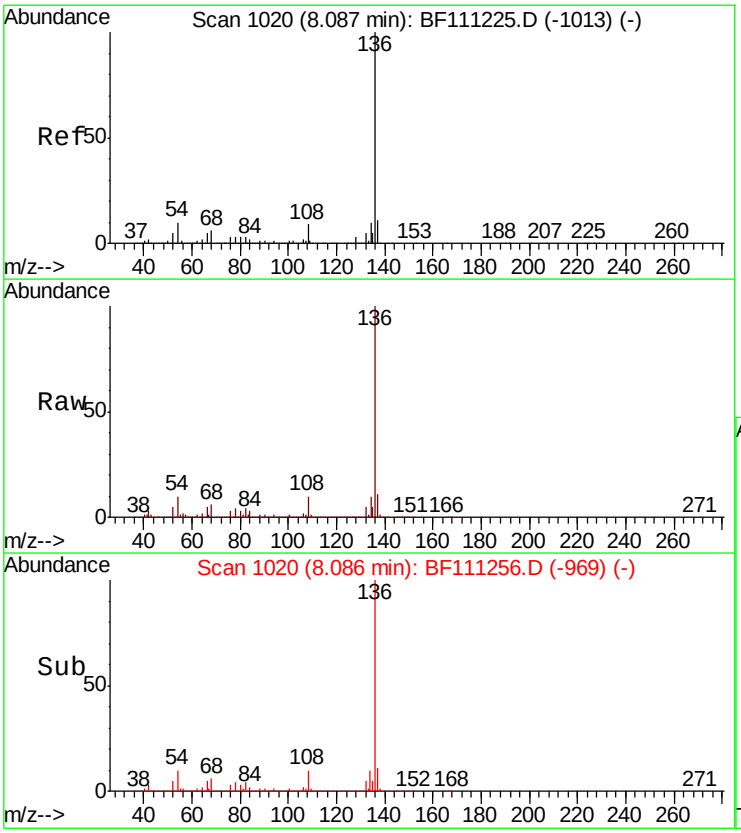
#19
n-Nitroso-di-n-propylamine
Concen: 12.246 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2

Tgt Ion: 70 Resp: 385954

Ion	Ratio	Lower	Upper
70	100		
42	55.6	53.2	79.8
101	0.0	8.2	12.4#
130	2.0	18.1	27.1#

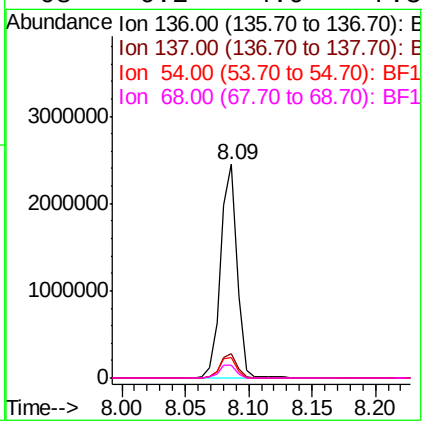


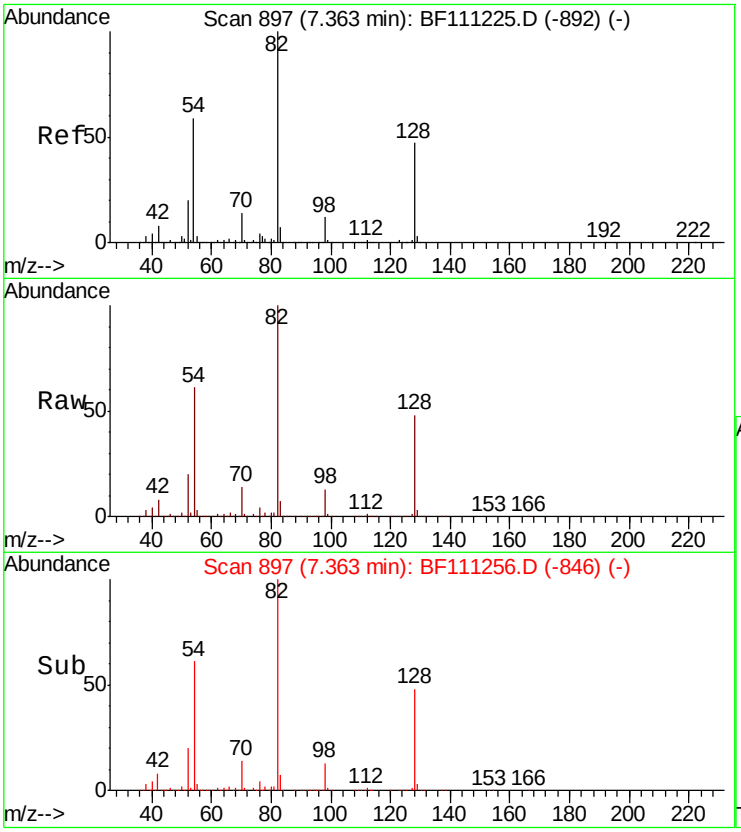


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

Tgt Ion:136 Resp: 2222901

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.7	7.7	11.5
68	6.2	4.9	7.3



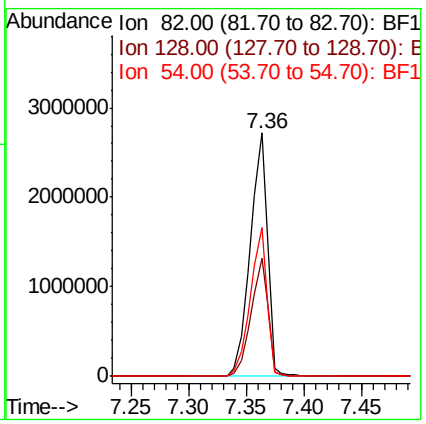


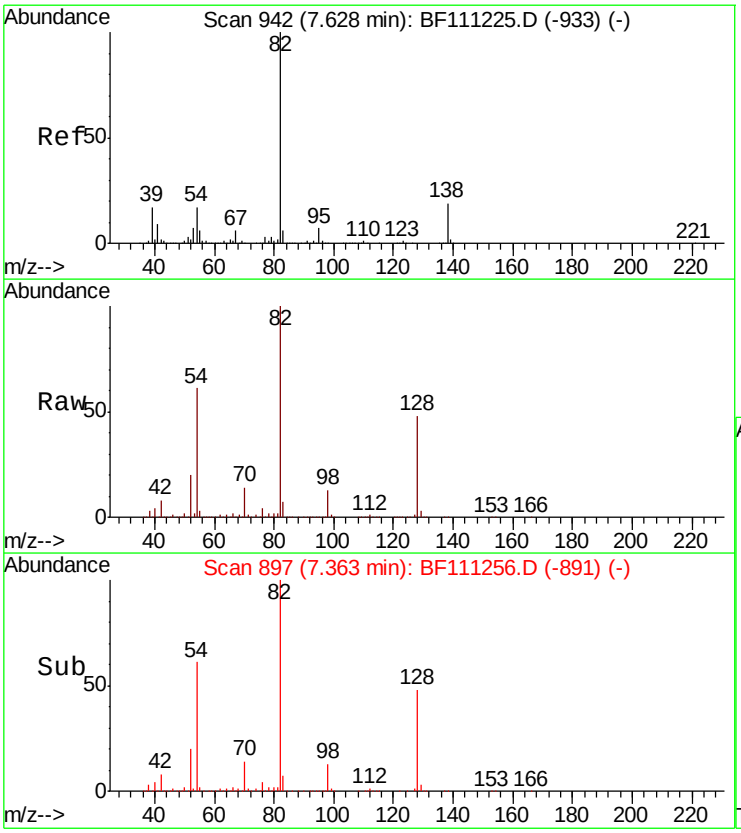
#23
Nitrobenzene-d5
Concen: 71.420 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2

Tgt Ion: 82 Resp: 2830522

Ion	Ratio	Lower	Upper
82	100		
128	48.3	37.4	56.2
54	61.0	47.6	71.4

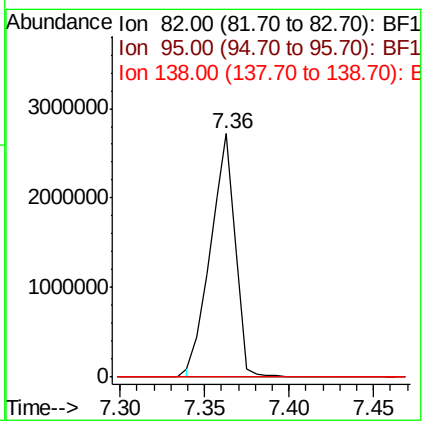


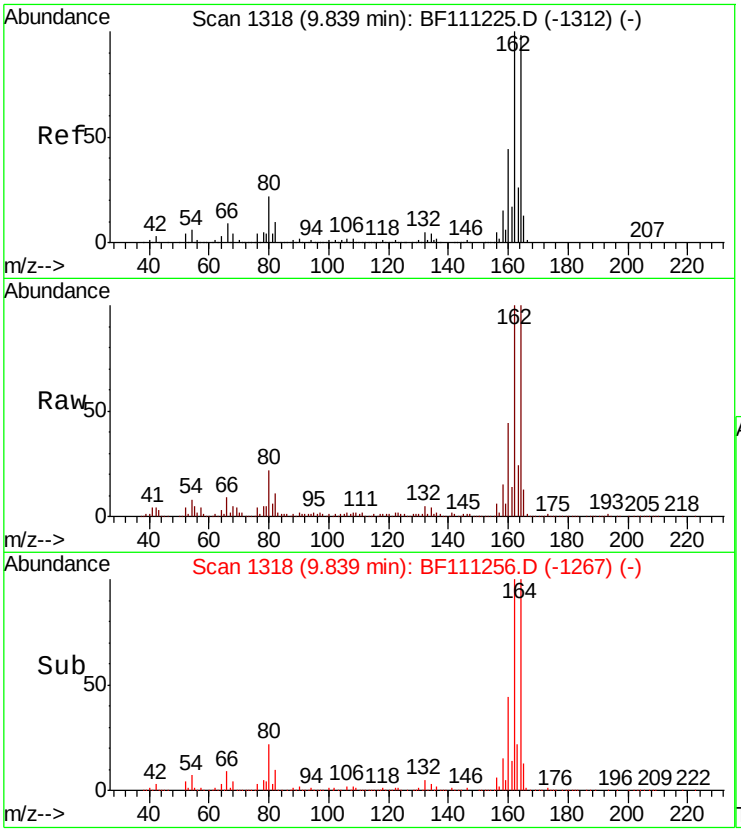


#25
Isophorone
Concen: 41.013 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

Tgt Ion: 82 Resp: 2768424

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.2#
138	0.0	15.1	22.7#



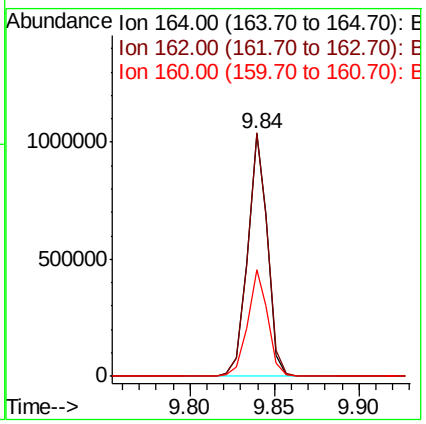


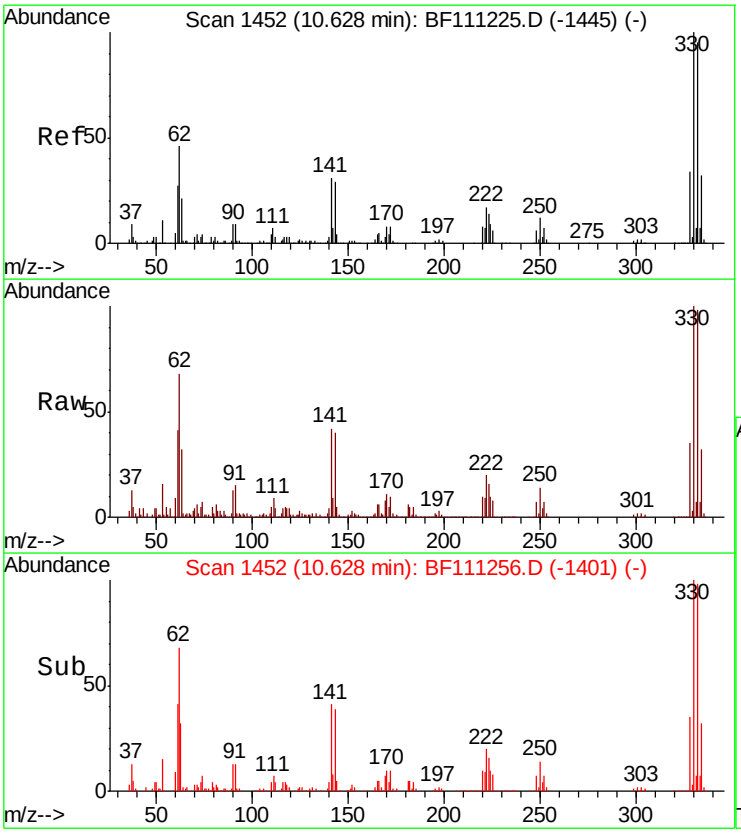
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2

Tgt Ion:164 Resp: 846920

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.4	122.0
160	43.8	35.7	53.5

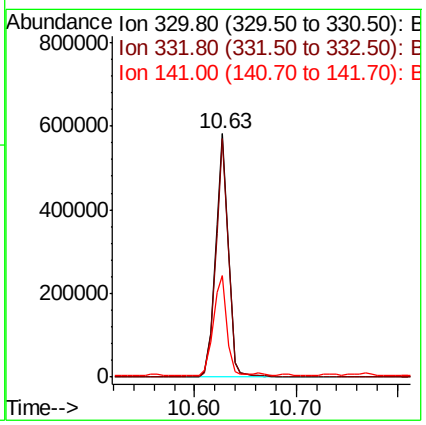


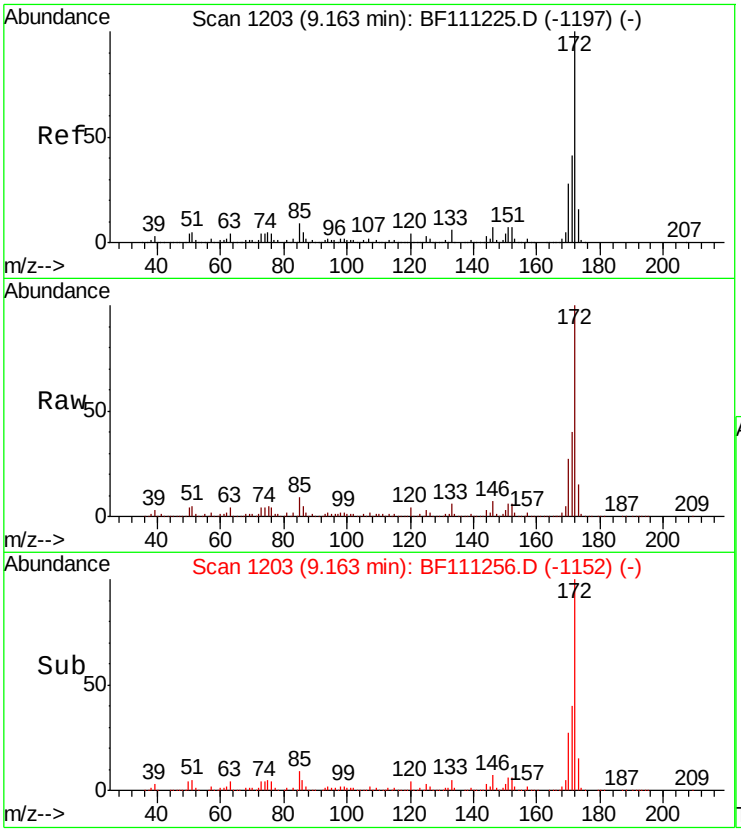


#42
2,4,6-Tribromophenol
Concen: 67.897 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

Tgt Ion:330 Resp: 509374

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.0	114.0
141	43.8	31.0	46.6



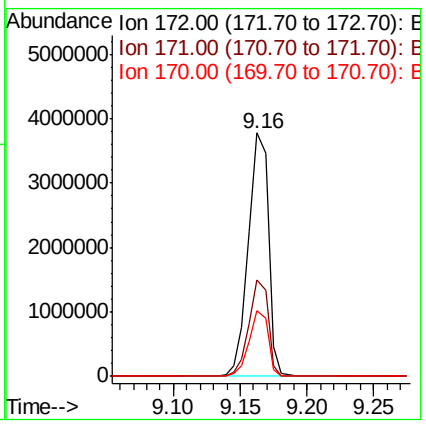


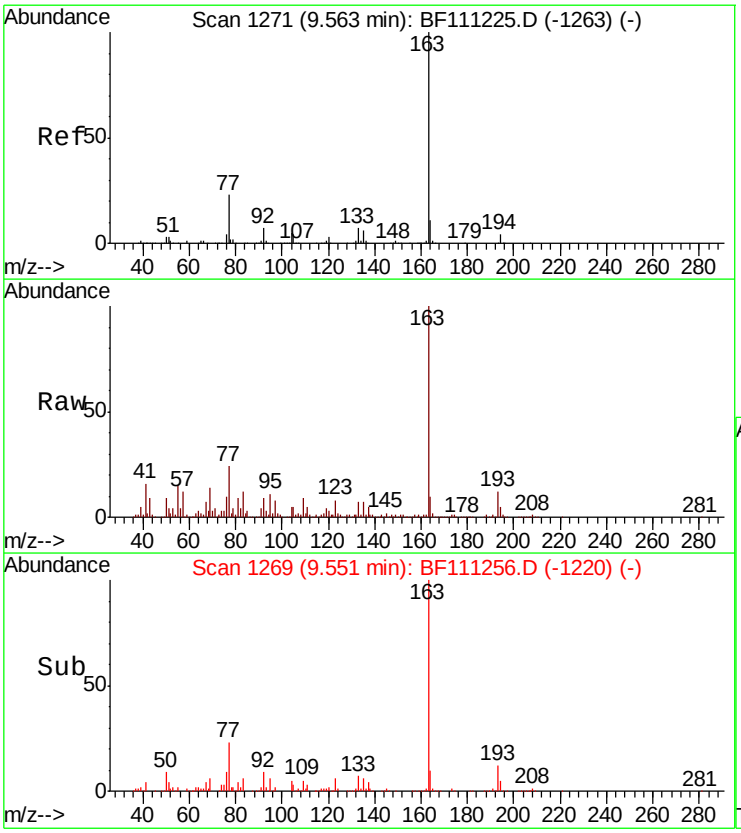
#45
2-Fluorobiphenyl
Concen: 77.985 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2

Tgt Ion:172 Resp: 3896184

Ion	Ratio	Lower	Upper
172	100		
171	39.5	33.0	49.4
170	26.8	22.3	33.5

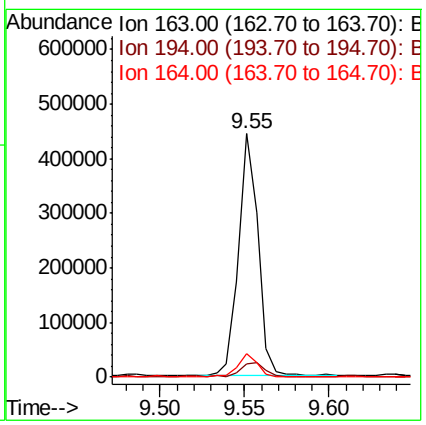


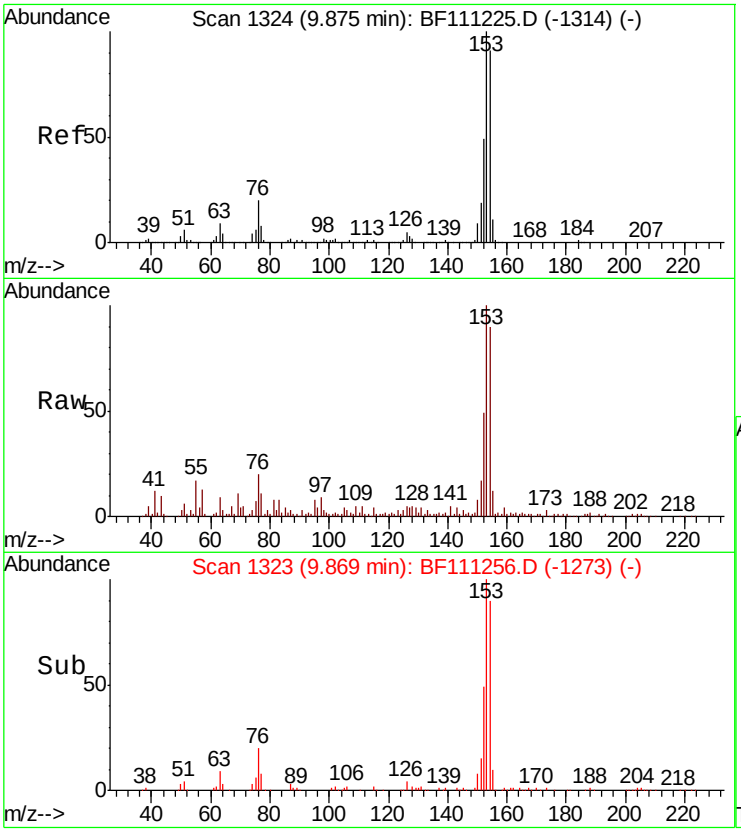


#50
Dimethylphthalate
Concen: 5.707 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

Tgt Ion:163 Resp: 356659

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.0	4.6#
164	9.7	8.9	13.3



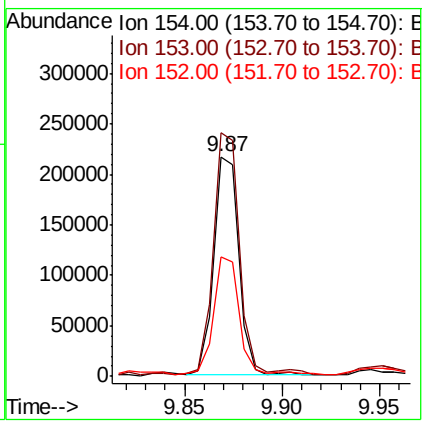


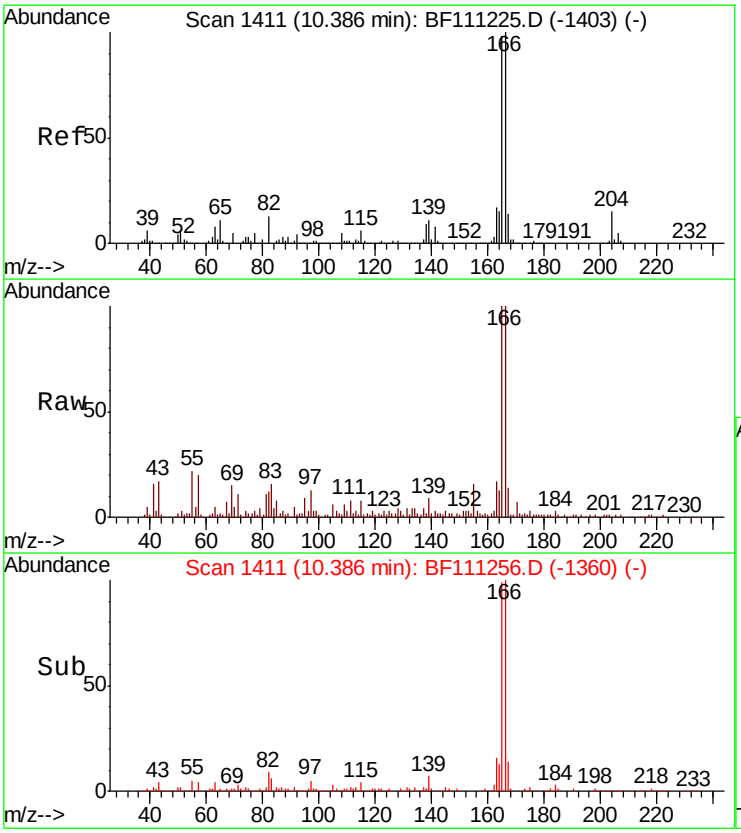
#52
Acenaphthene
Concen: 3.834 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2

Tgt Ion:154 Resp: 193563

Ion	Ratio	Lower	Upper
154	100		
153	110.7	87.8	131.8
152	54.5	43.4	65.2

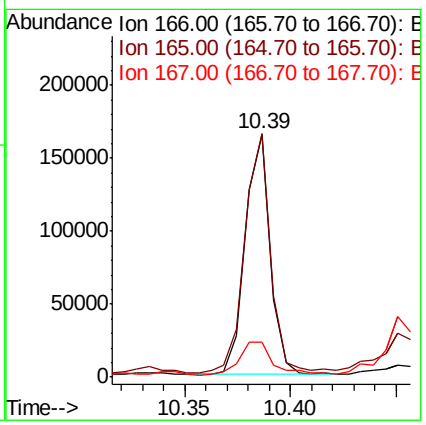


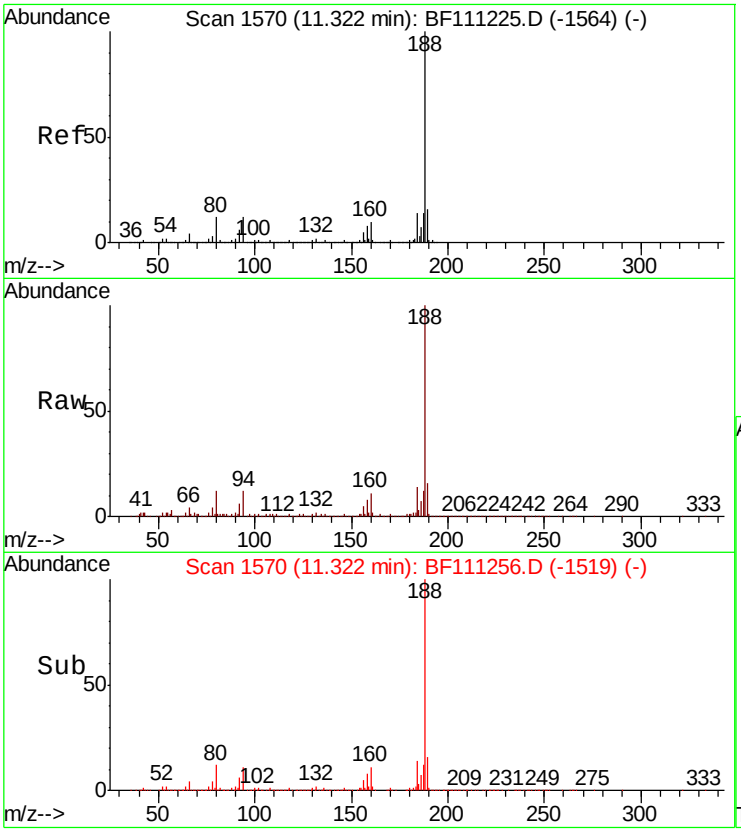


#58
Fluorene
Concen: 2.546 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

Tgt Ion:166 Resp: 135343

Ion	Ratio	Lower	Upper
166	100		
165	100.3	78.4	117.6
167	14.5	11.2	16.8



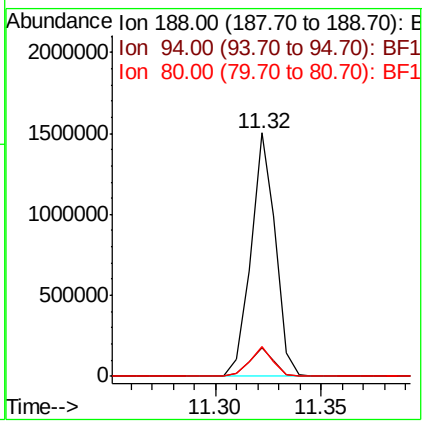


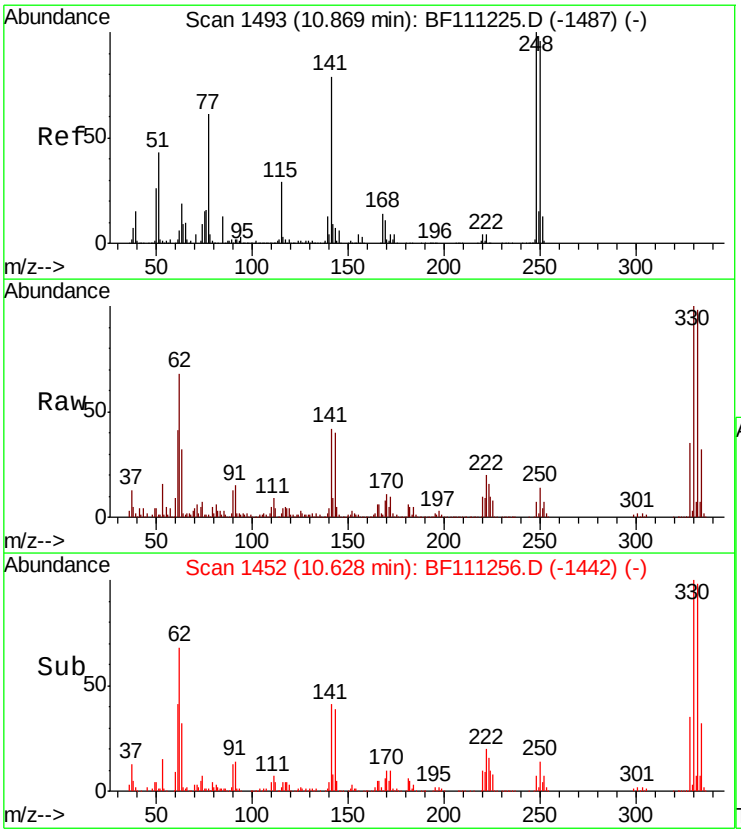
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2

Tgt Ion:188 Resp: 1211730

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.6	14.4
80	12.0	9.8	14.6

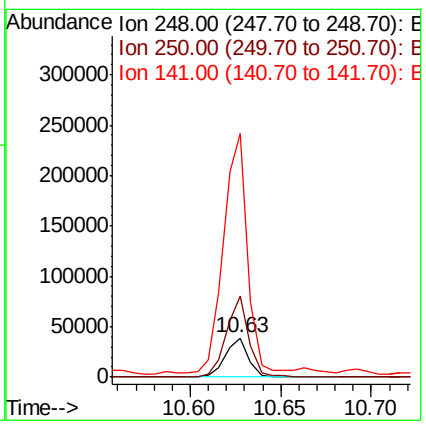


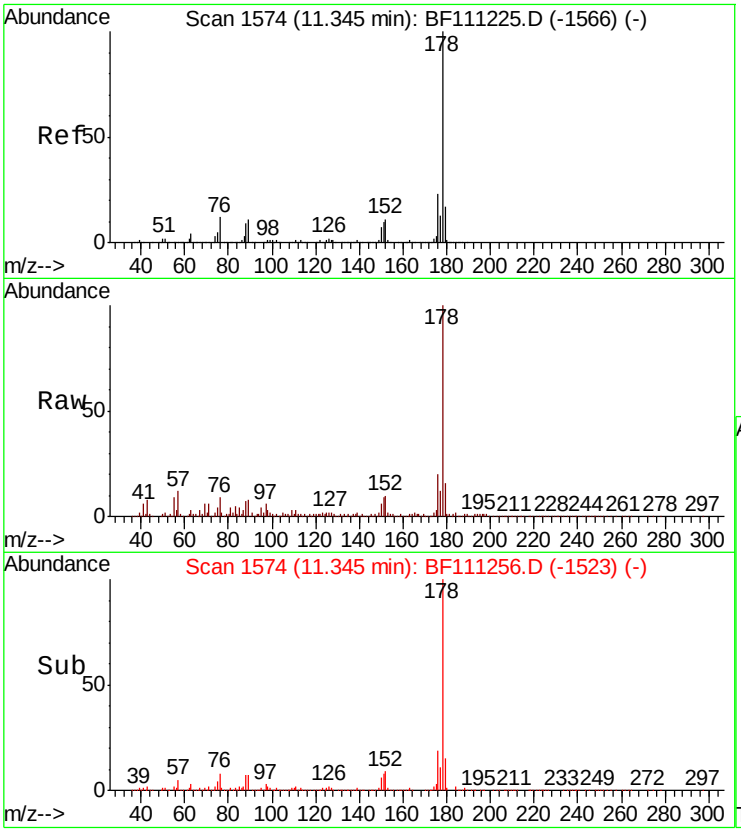


#67
4-Bromophenyl-phenylether
Concen: 2.638 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

Tgt Ion:248 Resp: 35012

Ion	Ratio	Lower	Upper
248	100		
250	208.6	77.0	115.4#
141	623.0	63.0	94.6#



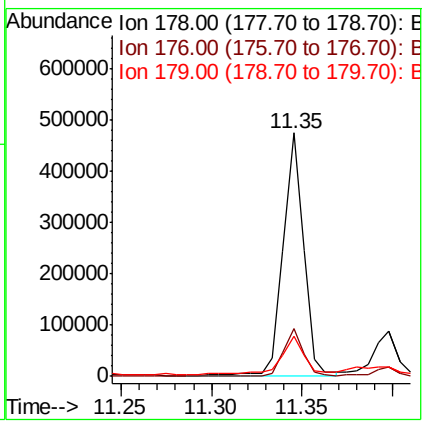


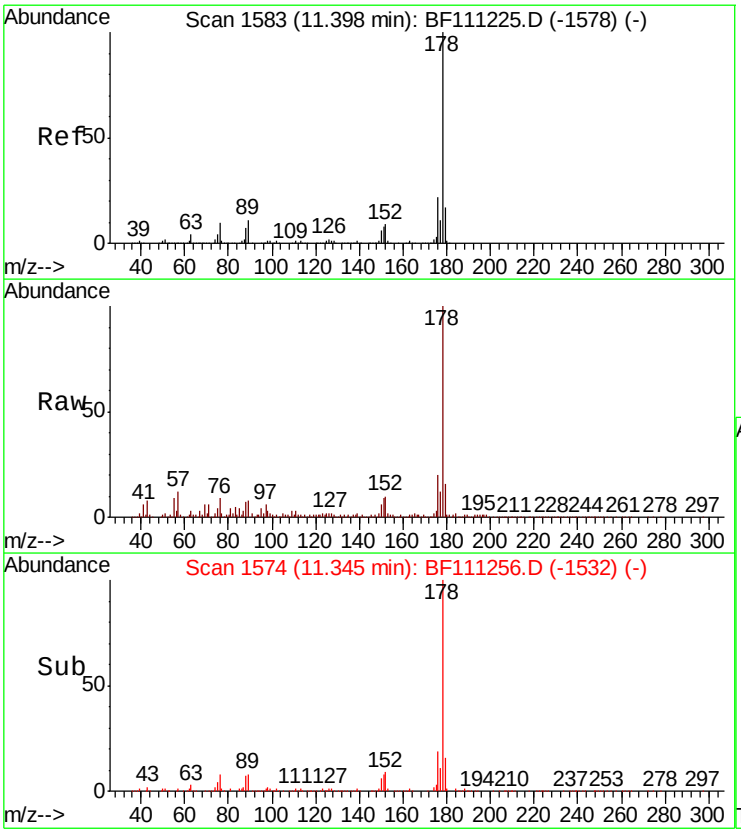
#71
Phenanthrene
Concen: 6.107 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2

Tgt Ion:178 Resp: 373255

Ion	Ratio	Lower	Upper
178	100		
176	19.6	18.1	27.1
179	16.5	14.0	21.0

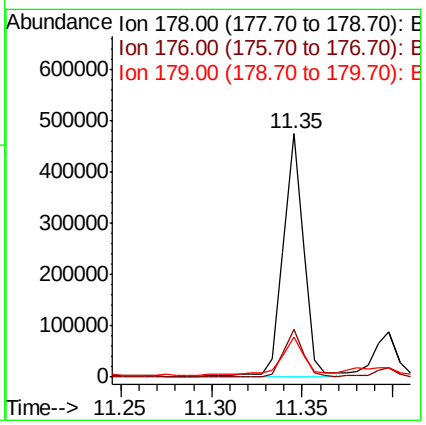


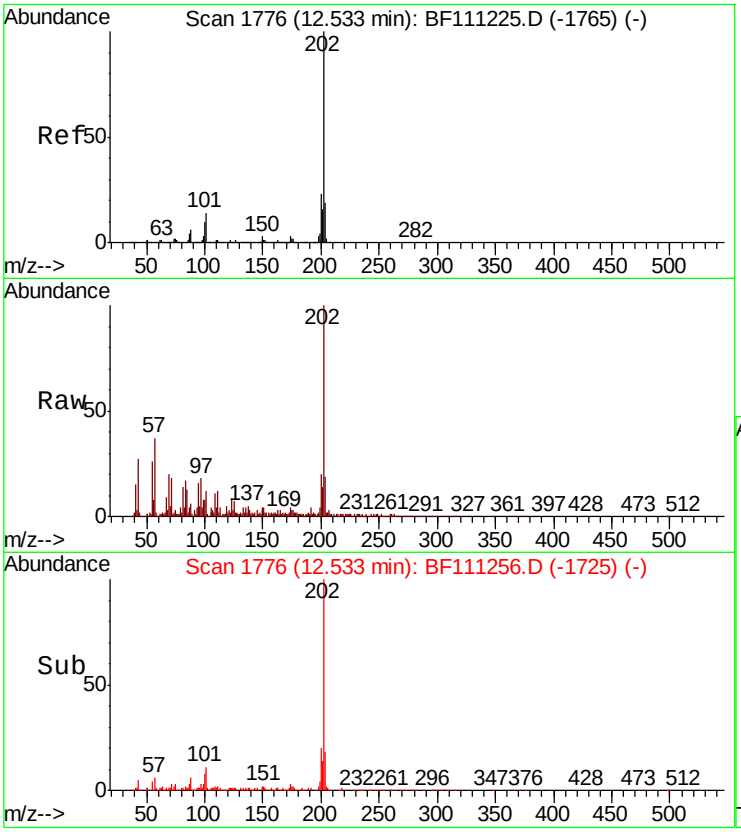


#72
Anthracene
Concen: 5.837 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.05 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

Tgt Ion:178 Resp: 373255

Ion	Ratio	Lower	Upper
178	100		
176	19.6	17.2	25.8
179	16.5	13.8	20.8



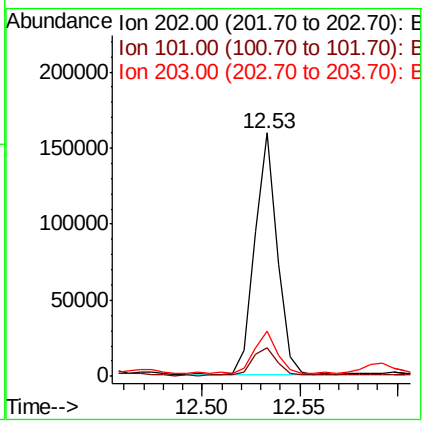


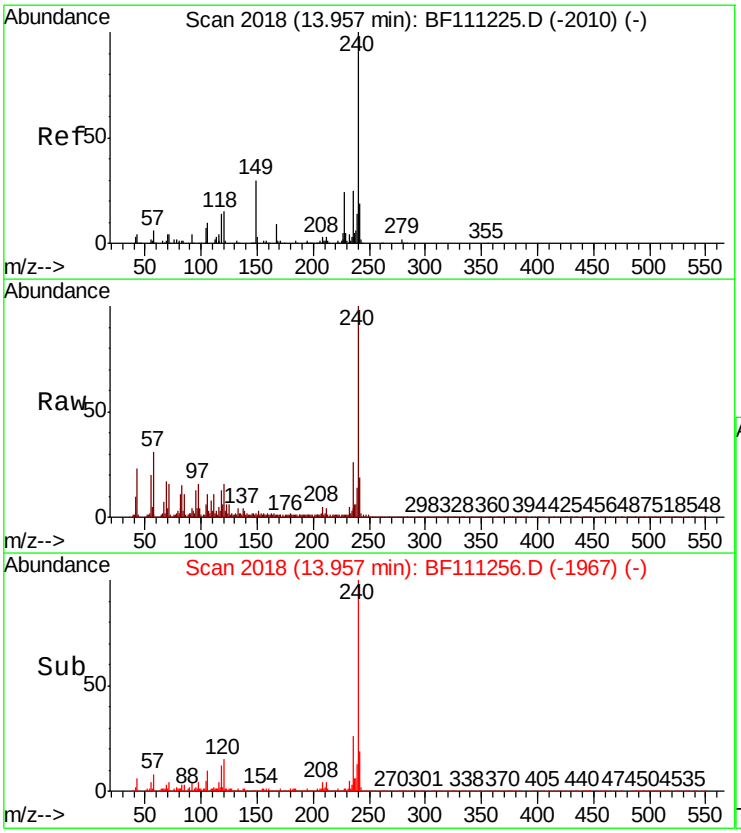
#75
Fluoranthene
Concen: 2.283 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2

Tgt Ion:202 Resp: 127482

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	33.8
203	18.6	0.0	38.6

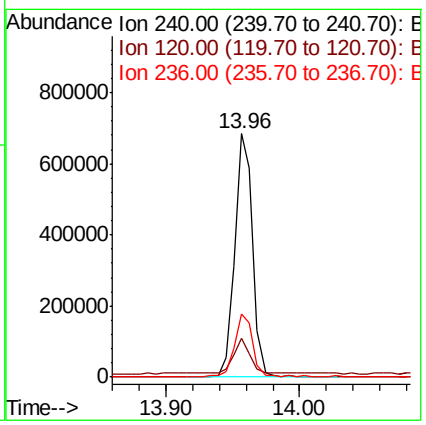


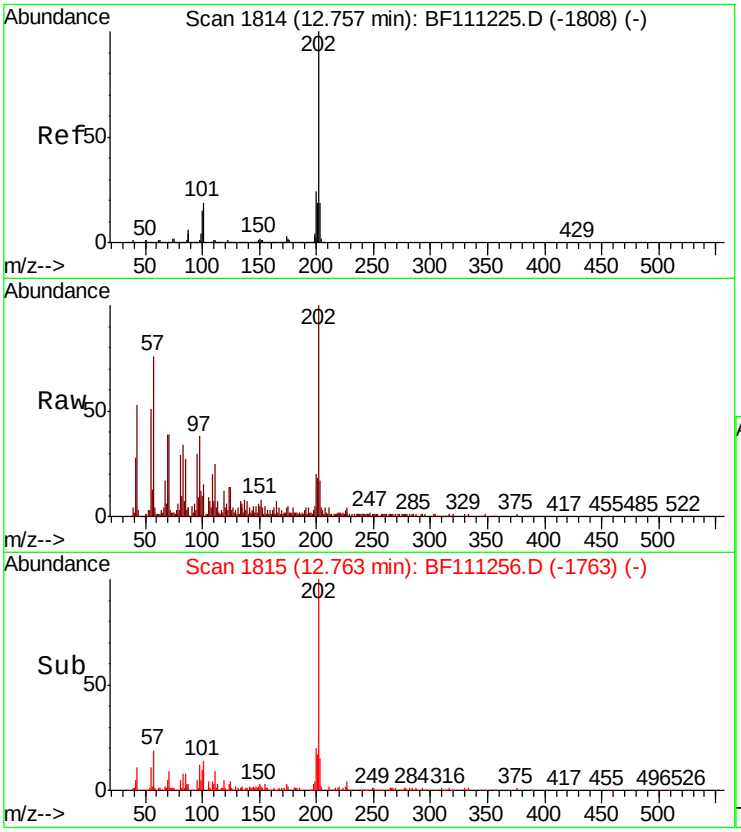


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

Tgt Ion:240 Resp: 634873

Ion	Ratio	Lower	Upper
240	100		
120	16.1	12.2	18.2
236	25.9	20.2	30.2



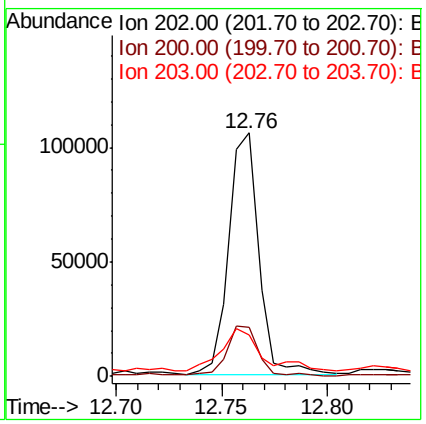


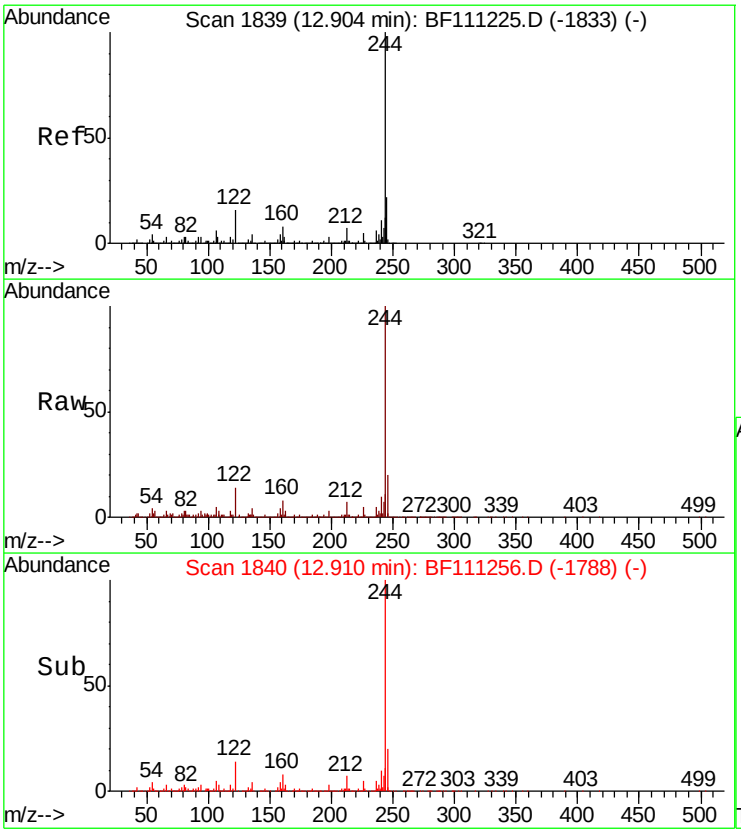
#78
Pyrene
Concen: 2.276 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.01 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2

Tgt Ion:202 Resp: 103238

Ion	Ratio	Lower	Upper
202	100		
200	20.4	19.0	28.4
203	16.8	15.2	22.8

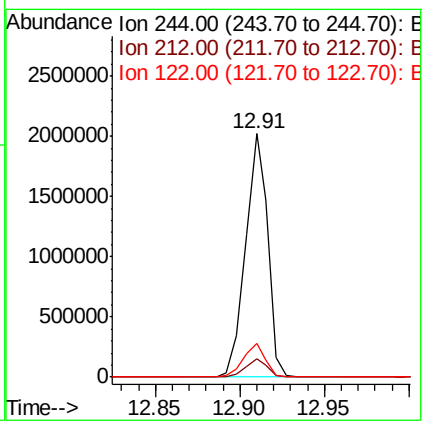


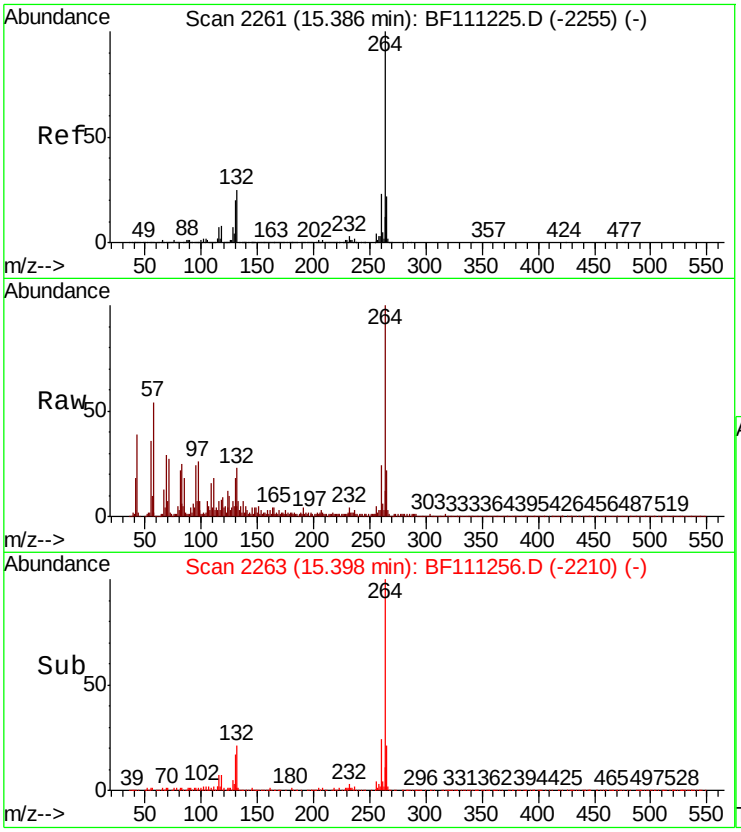


#79
Terphenyl-d14
Concen: 69.910 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

Tgt Ion:244 Resp: 1850372

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	13.9	13.1	19.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF111256.D
Acq: 10 Dec 2018 21:41

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2

Tgt Ion:264 Resp: 526779

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.3	27.5
265	21.9	17.7	26.5