Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
Data File : BF110059.D
Acq On : 22 Oct 2018 19:53
Operator : JU/SJ
Sample : J5604-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 23 02:10:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	192103	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	711151	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	278733	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	436396	20.00	ng		-0.01
76) Chrysene-d12	14.14	240	350754	20.00	ng		-0.02
87) Perylene-d12	15.67	264	245953	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1167558	96.34	ng		0.00
7) Phenol-d6	6.59	99	1451902	96.48	ng		-0.01
23) Nitrobenzene-d5	7.53	82	826484	78.29	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	235773	97.70	ng		-0.01
45) 2-Fluorobiphenyl	9.33	172	1160881	66.46	ng		-0.01
79) Terphenyl-d14	13.09	244	864280	51.74	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.60	94	127101	7.823	ng	#	63
19) n-Nitroso-di-n-propylamine	7.53	70	114038	11.802	ng	#	80
20) 3+4-Methylphenols	7.36	107	40411	2.909	ng	#	76
25) Isophorone	7.53	82	826599	39.849	ng	#	67
50) Dimethylphthalate	9.72	163	169160	8.571	ng		100
54) 2,4-Dinitrophenol	10.30	184	124	9.001	ng	#	10
57) 2,4-Dinitrotoluene	10.25	165	1333	4.838	ng	#	58
65) 4,6-Dinitro-2-methylphenol	10.80	198	828	8.342	ng	#	1
67) 4-Bromophenyl-phenylether	10.80	248	15464	3.270	ng	#	1
78) Pyrene	12.95	202	53997	2.096	ng		97
89) Benzo(k)fluoranthene	15.22	252	28373	2.030	ng	#	78

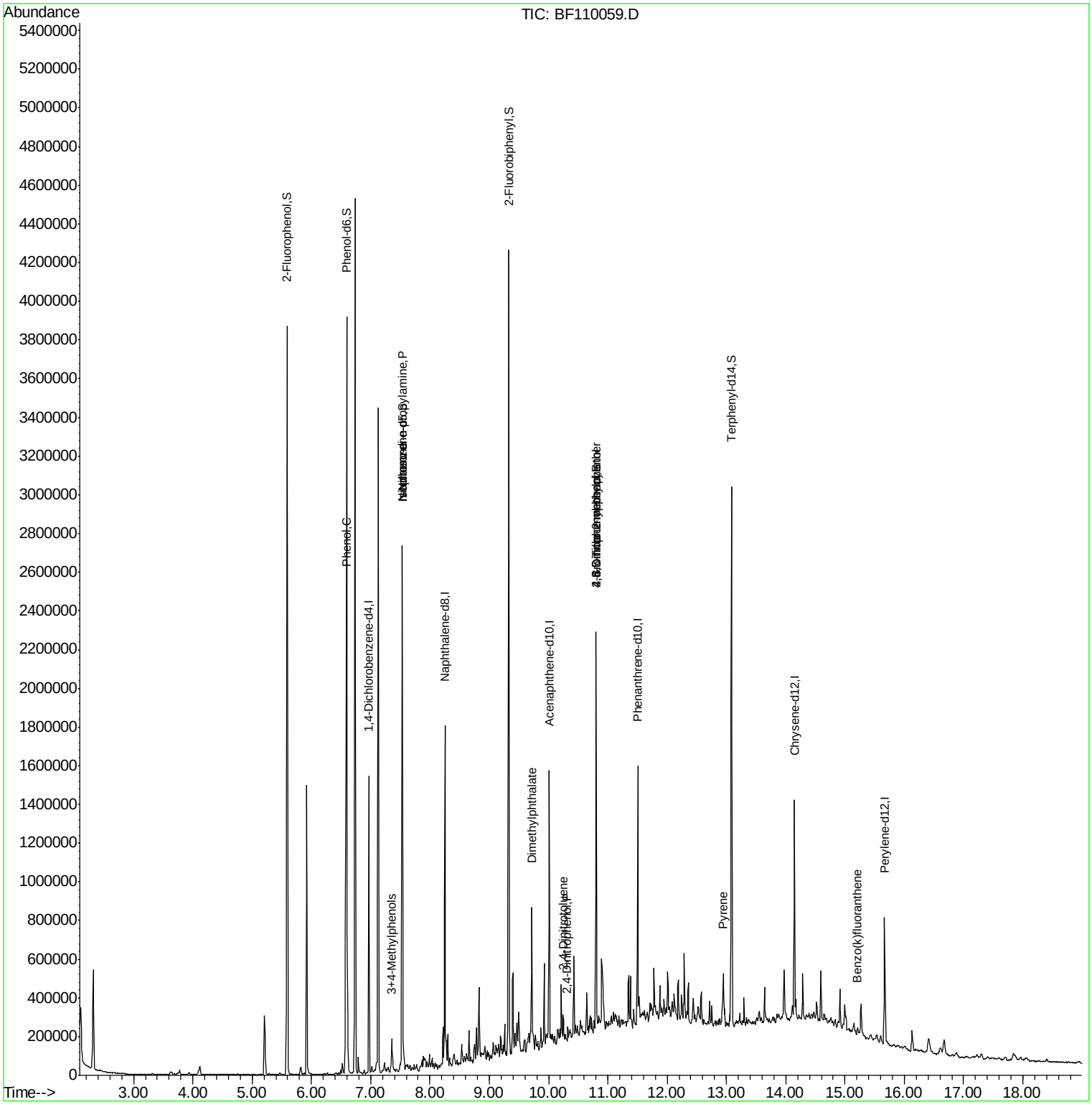
(#) = qualifier out of range (m) = manual integration (+) = signals summed

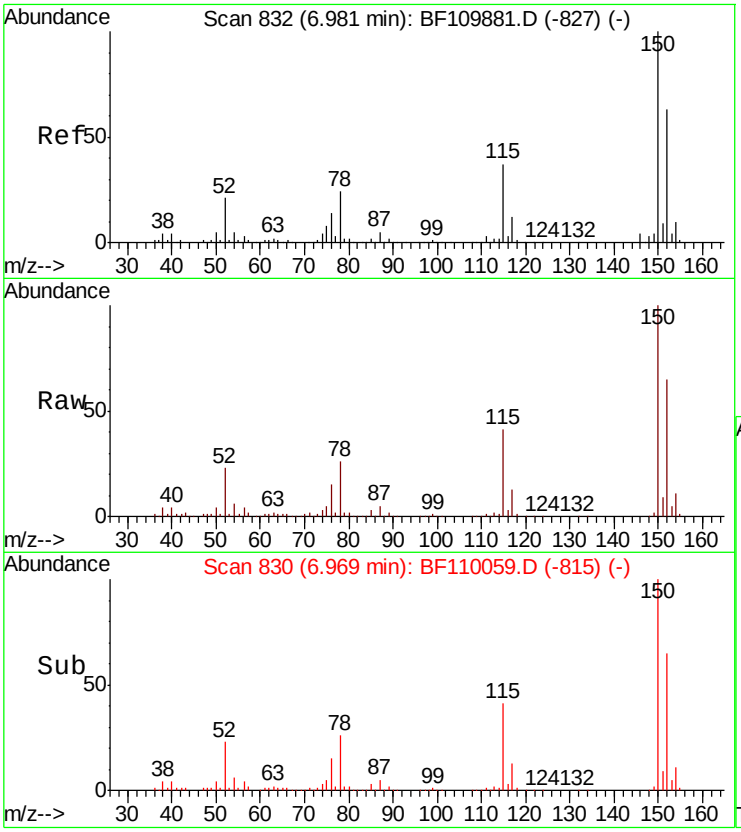
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
Data File : BF110059.D
Acq On : 22 Oct 2018 19:53
Operator : JU/SJ
Sample : J5604-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 23 02:10:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration



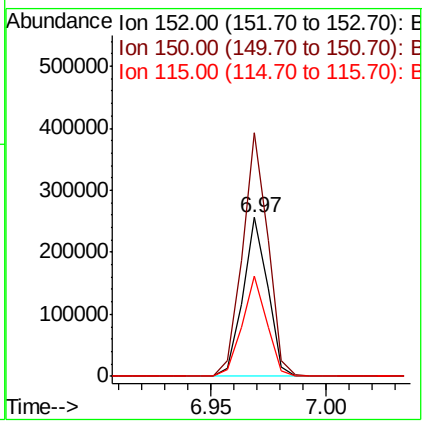


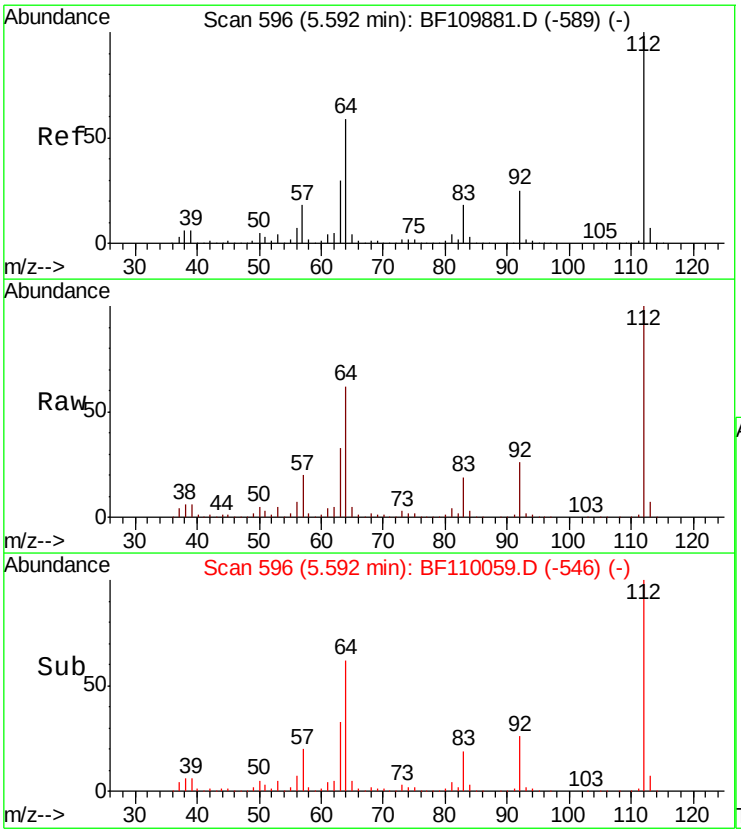
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110059.D
Acq: 22 Oct 2018 19:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 192103

Ion	Ratio	Lower	Upper
152	100		
150	153.2	122.7	184.1
115	62.9	49.1	73.7

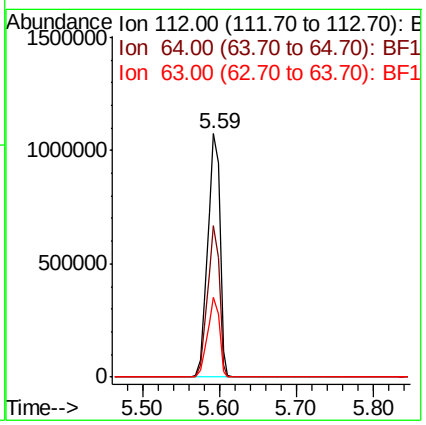


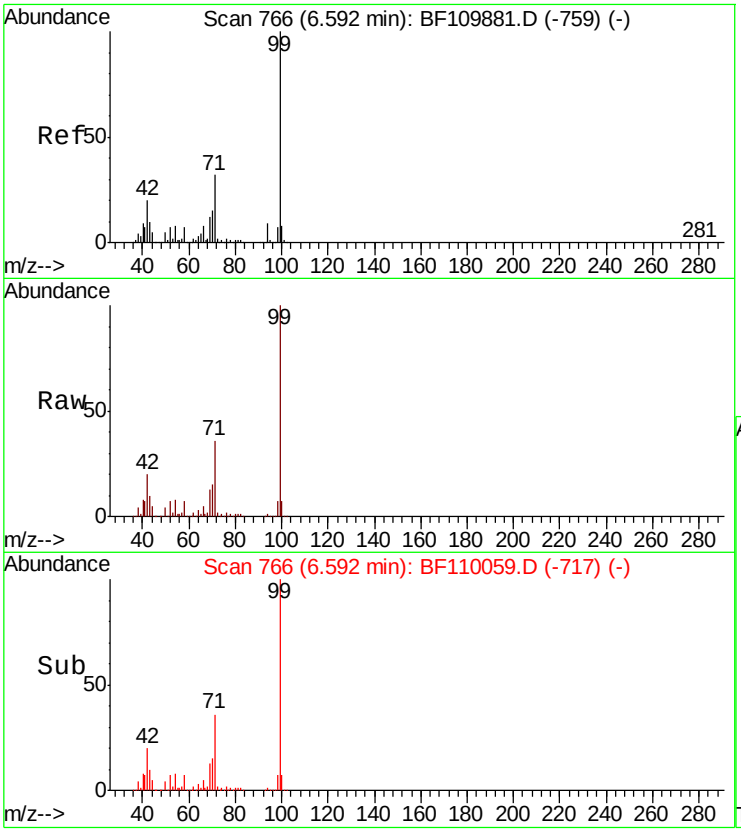


#5
2-Fluorophenol
Concen: 96.341 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF110059.D
Acq: 22 Oct 2018 19:53

Tgt Ion:112 Resp: 1167558

Ion	Ratio	Lower	Upper
112	100		
64	62.4	44.1	66.1
63	32.9	23.7	35.5



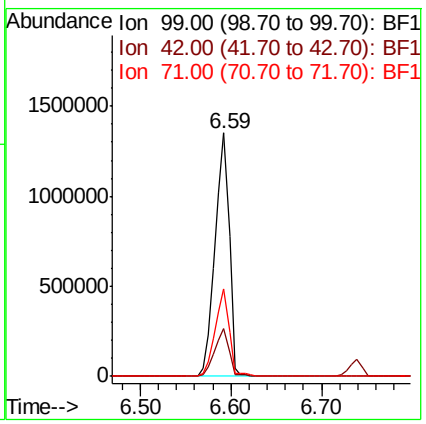


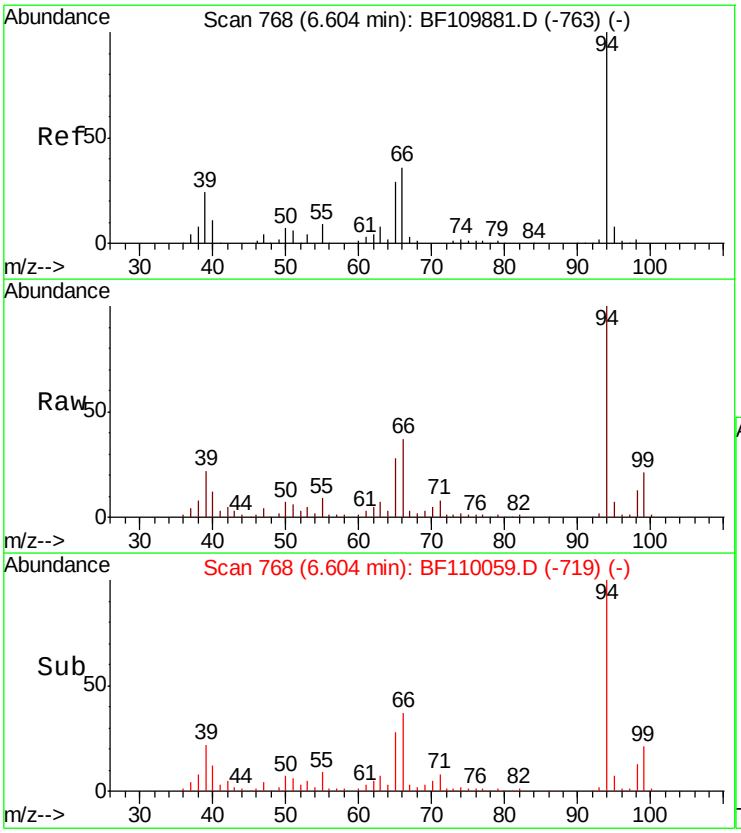
#7
Phenol-d6
Concen: 96.481 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF110059.D
Acq: 22 Oct 2018 19:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1451902

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.8	23.6
71	35.7	28.0	42.0

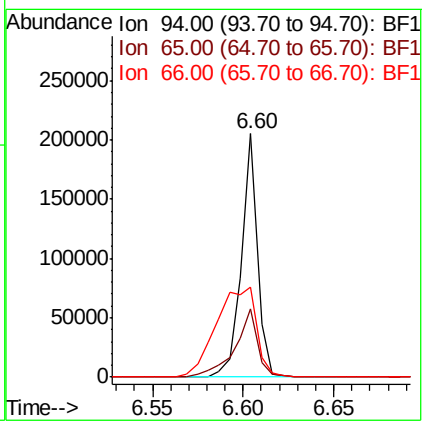


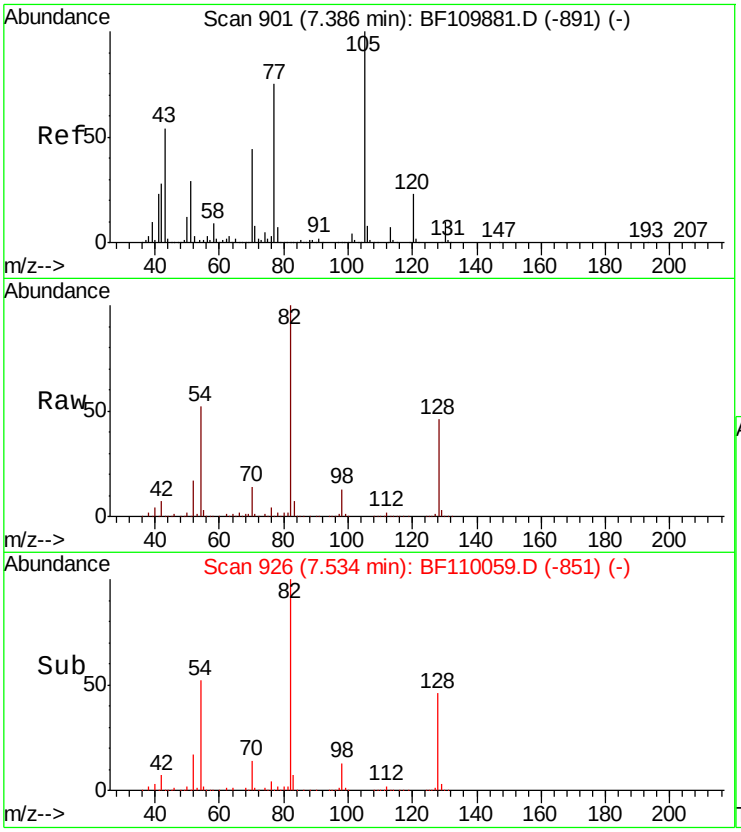


#10
Phenol
Concen: 7.823 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF110059.D
Acq: 22 Oct 2018 19:53

Tgt Ion: 94 Resp: 127101

Ion	Ratio	Lower	Upper
94	100		
65	28.1	25.3	65.3
66	37.1	54.5	94.5#



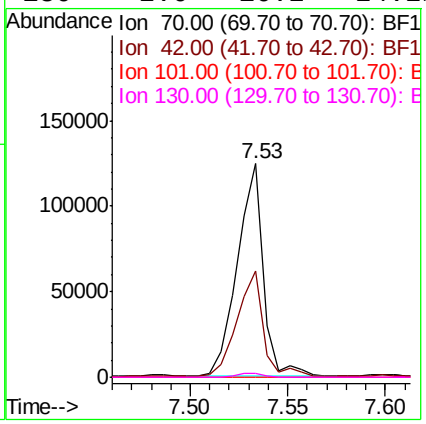


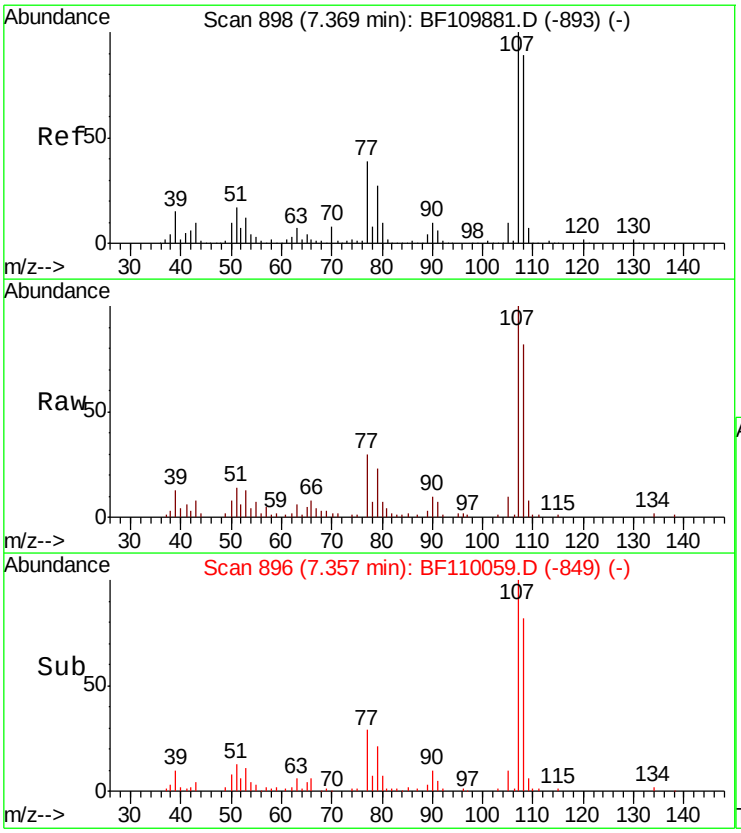
#19
n-Nitroso-di-n-propylamine
Concen: 11.802 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF110059.D
Acq: 22 Oct 2018 19:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 114038

Ion	Ratio	Lower	Upper
70	100		
42	49.5	47.4	71.2
101	0.0	7.3	10.9#
130	2.0	16.2	24.2#

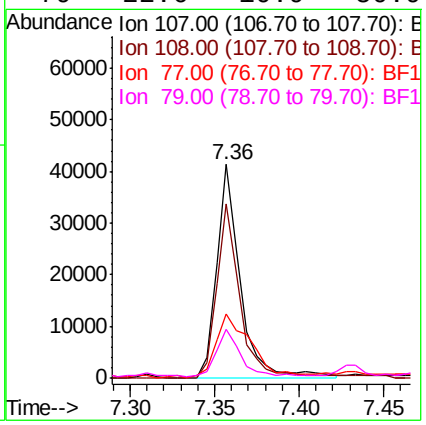


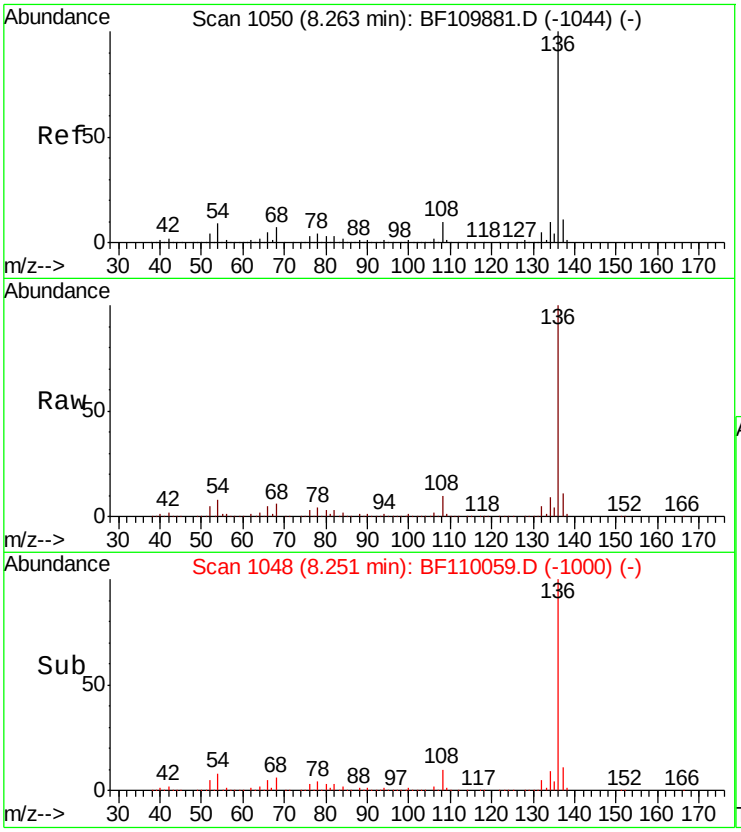


#20
3+4-Methylphenols
Concen: 2.909 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF110059.D
Acq: 22 Oct 2018 19:53

Tgt Ion:107 Resp: 40411

Ion	Ratio	Lower	Upper
107	100		
108	81.8	71.4	111.4
77	29.7	47.3	87.3#
79	22.6	10.9	50.9



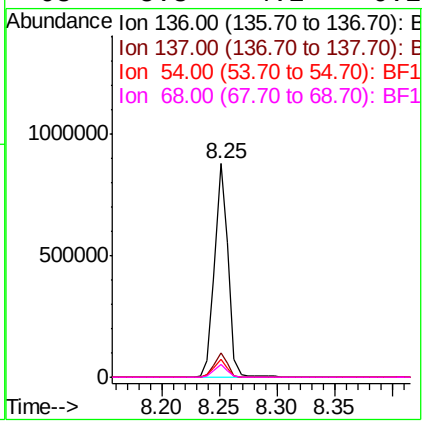


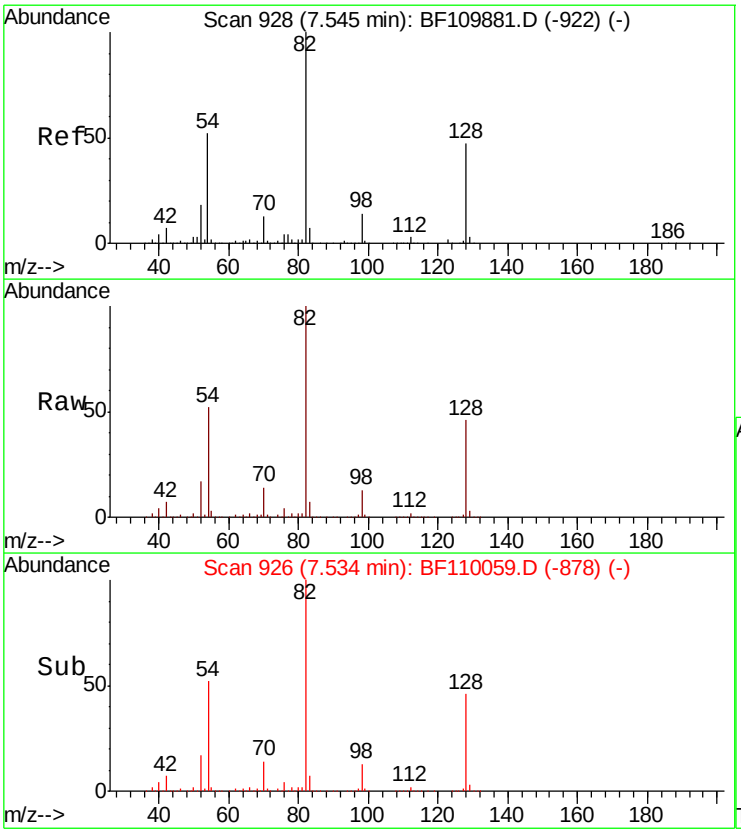
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110059.D
Acq: 22 Oct 2018 19:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 711151

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.4	5.4	8.2#
68	5.8	4.2	6.2

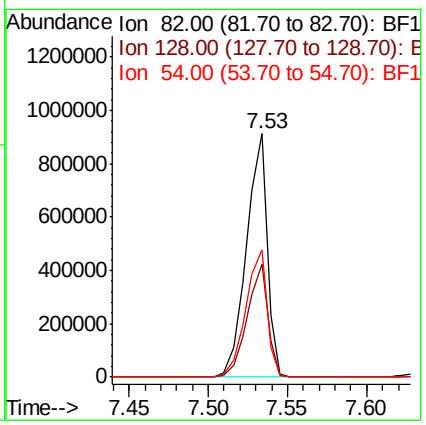


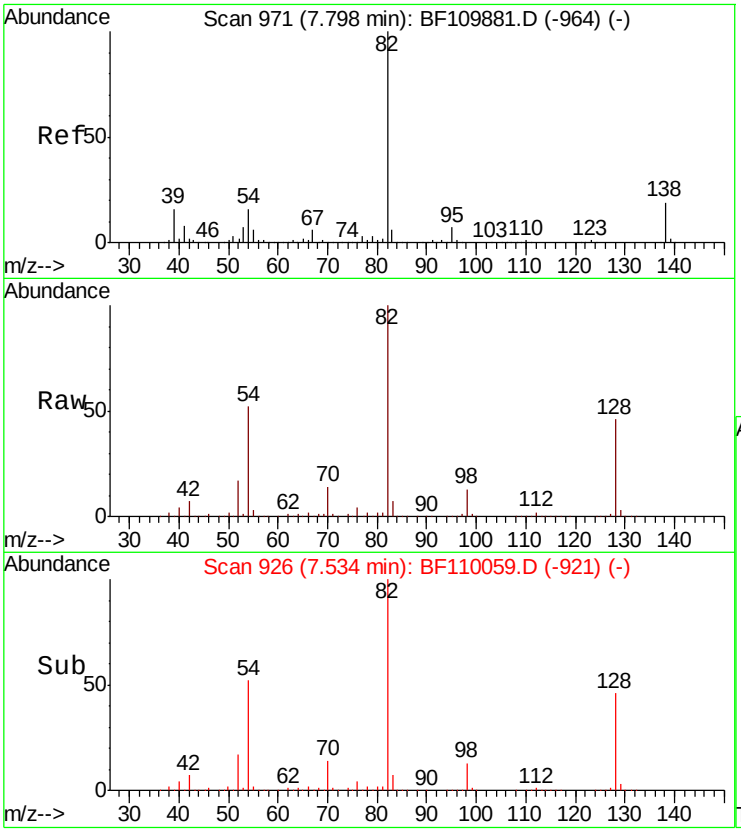


#23
Nitrobenzene-d5
Concen: 78.289 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110059.D
Acq: 22 Oct 2018 19:53

Tgt Ion: 82 Resp: 826484

Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.2	51.2
54	52.3	38.6	58.0



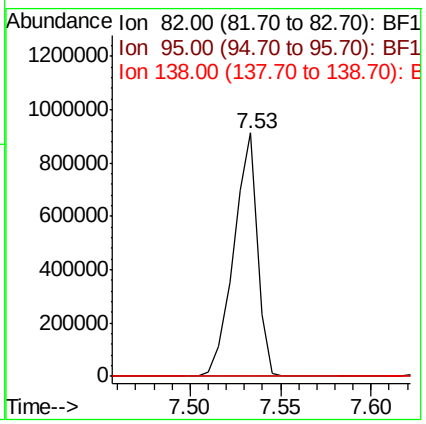


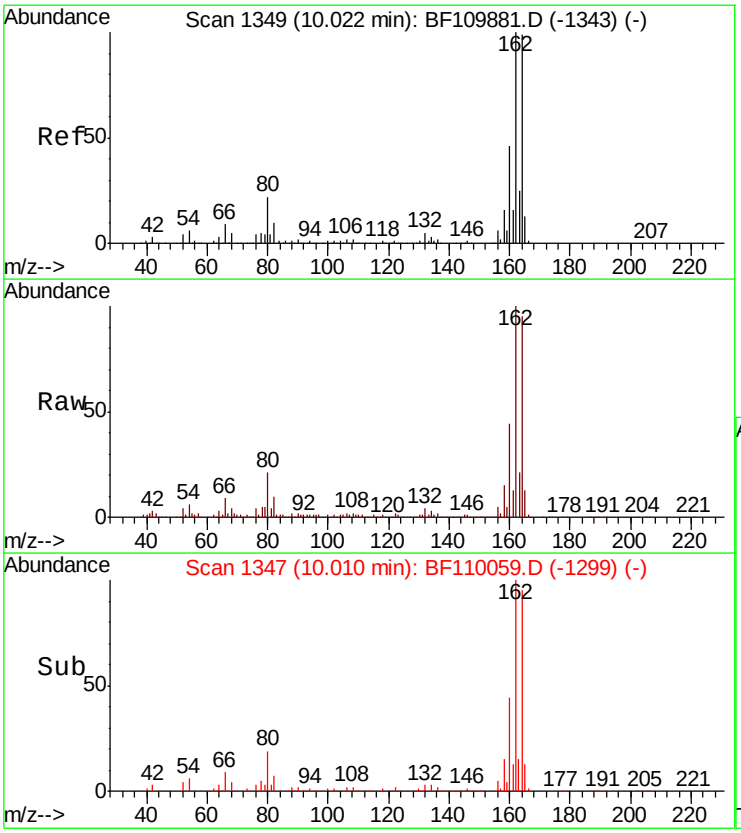
#25
Isophorone
Concen: 39.849 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF110059.D
Acq: 22 Oct 2018 19:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 826599

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

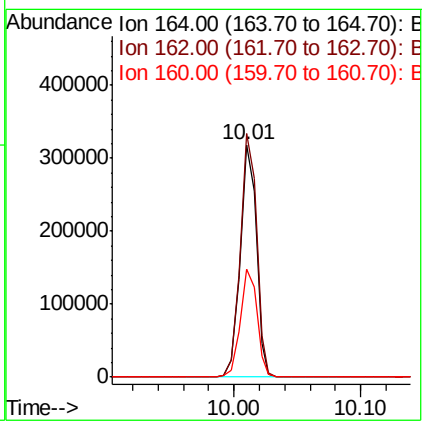


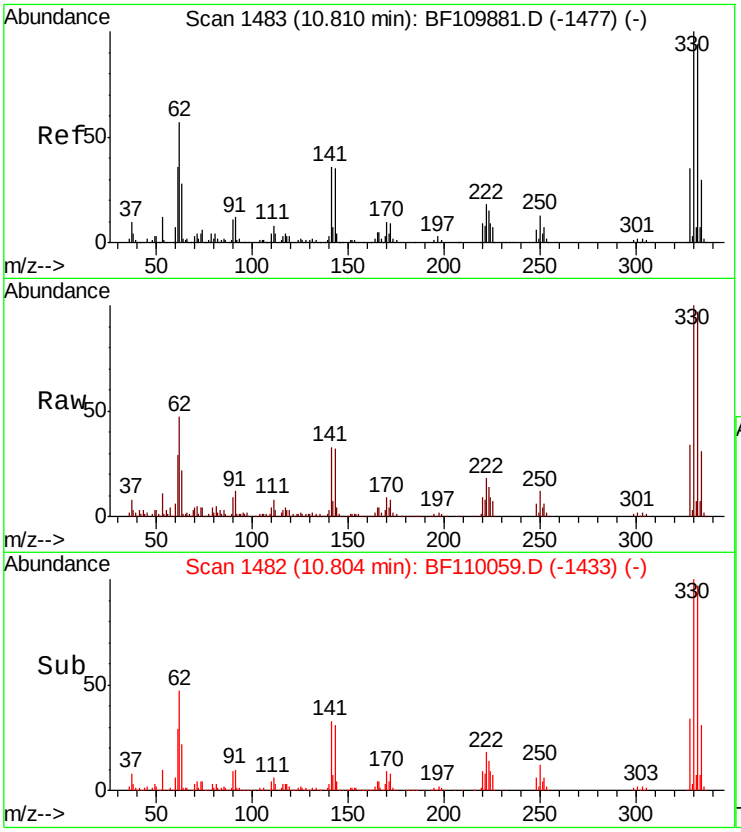


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110059.D
Acq: 22 Oct 2018 19:53

Tgt Ion:164 Resp: 278733

Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.0	124.6
160	46.3	37.0	55.6



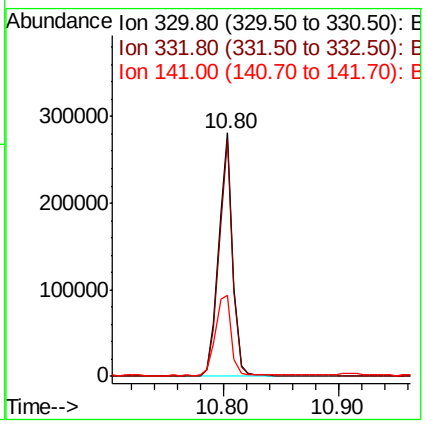


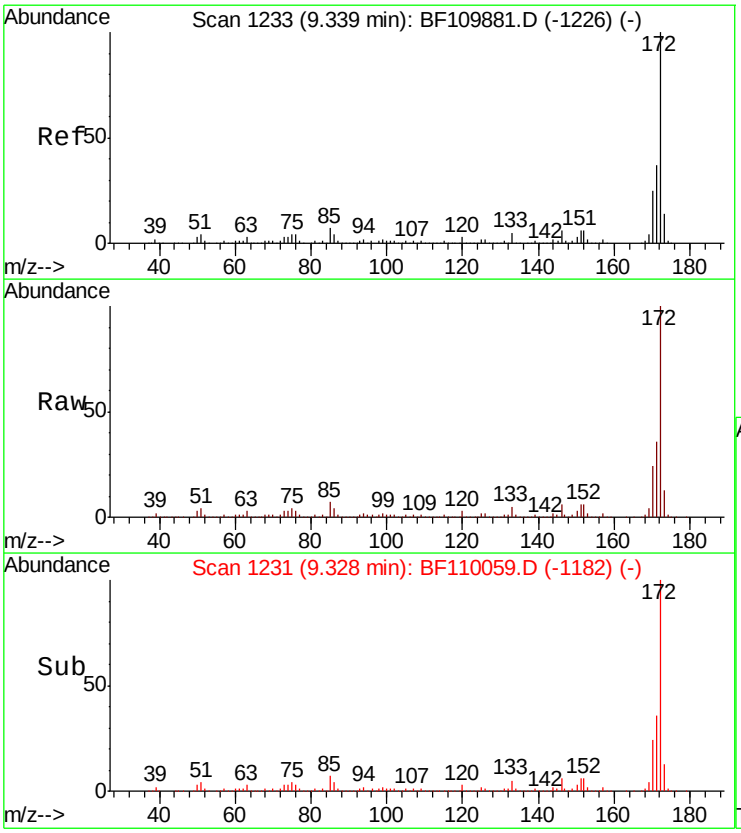
#42
2,4,6-Tribromophenol
Concen: 97.702 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110059.D
Acq: 22 Oct 2018 19:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 235773

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.1	115.7
141	37.1	27.0	40.4

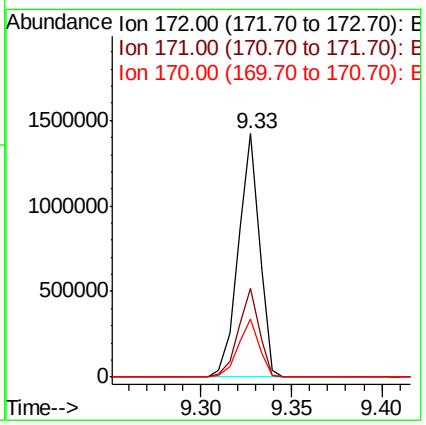


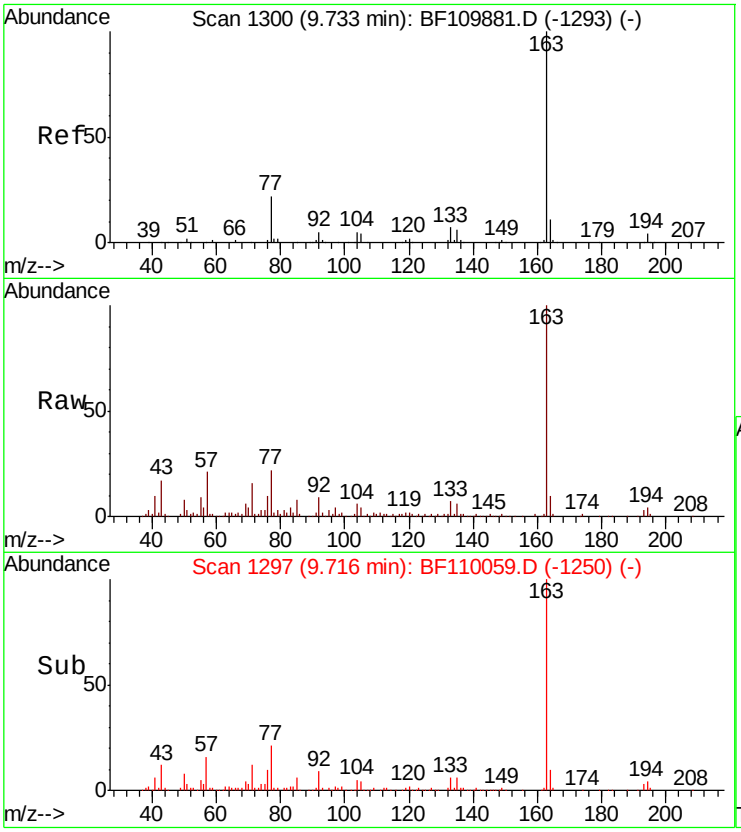


#45
2-Fluorobiphenyl
Concen: 66.457 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110059.D
Acq: 22 Oct 2018 19:53

Tgt Ion:172 Resp: 1160881

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	23.9	19.7	29.5



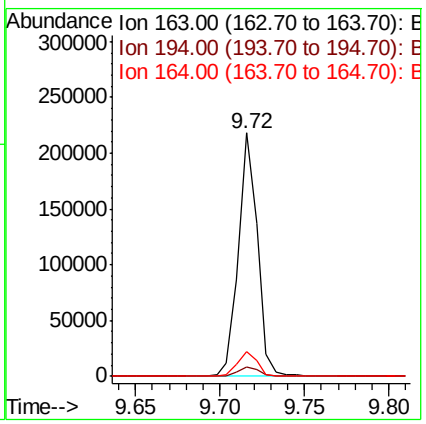


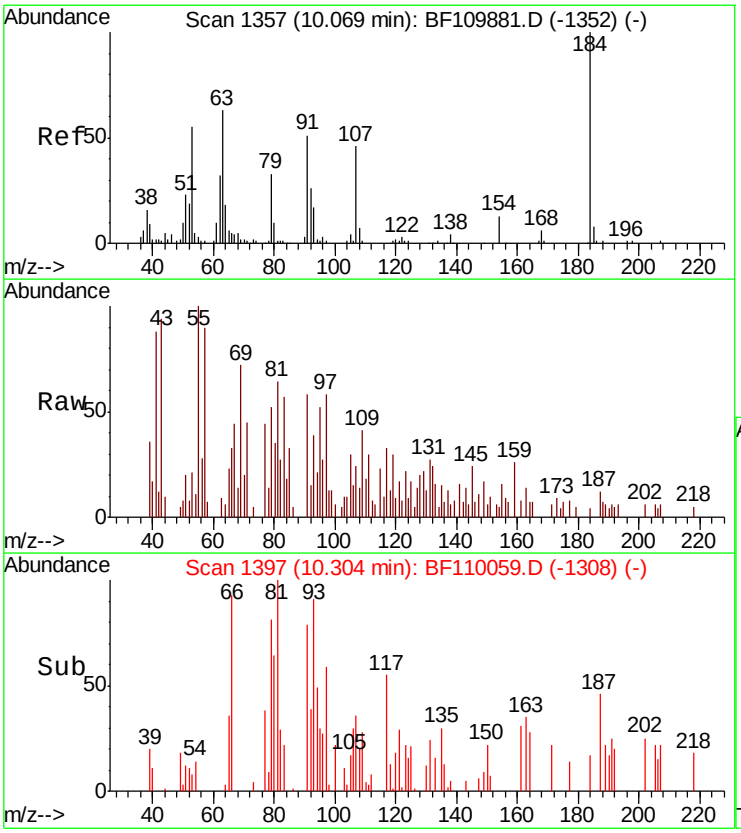
#50
Dimethylphthalate
Concen: 8.571 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110059.D
Acq: 22 Oct 2018 19:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 169160

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.0	8.1	12.1

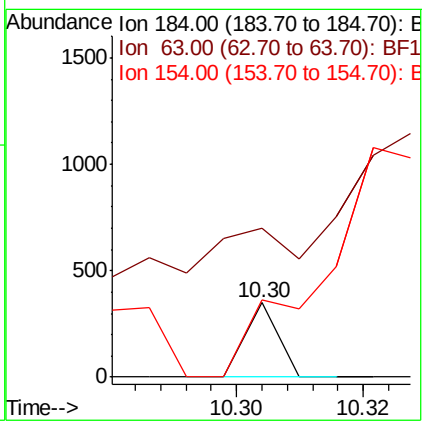


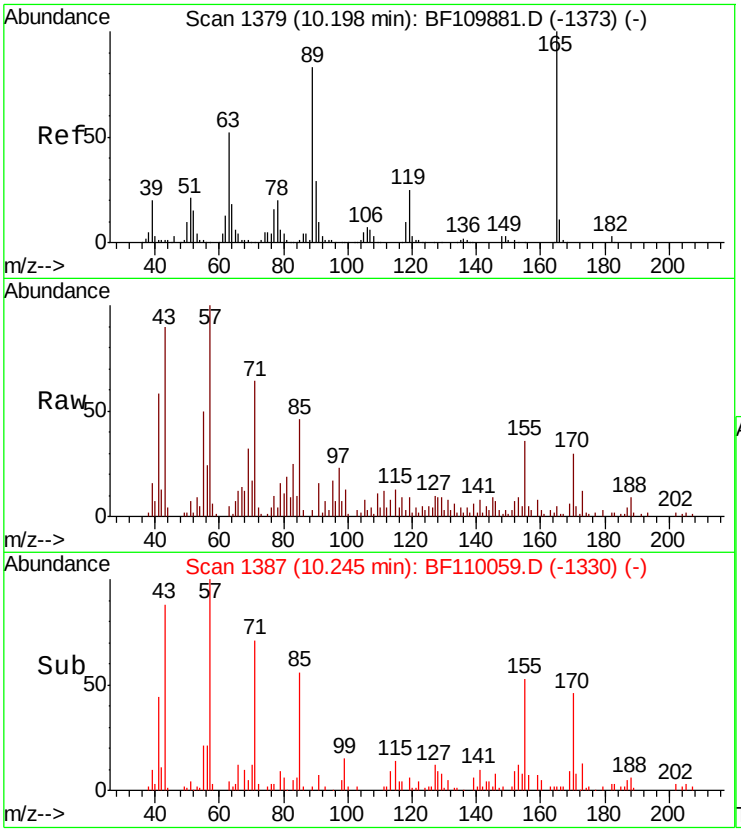


#54
2,4-Dinitrophenol
Concen: 9.001 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.22 min
Lab File: BF110059.D
Acq: 22 Oct 2018 19:53

Tgt Ion:184 Resp: 124

Ion	Ratio	Lower	Upper
184	100		
63	199.4	55.8	83.6#
154	104.6	63.2	94.8#



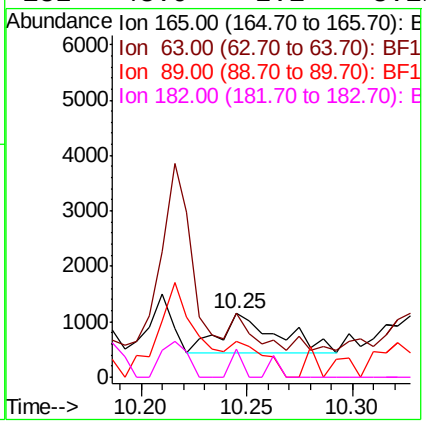


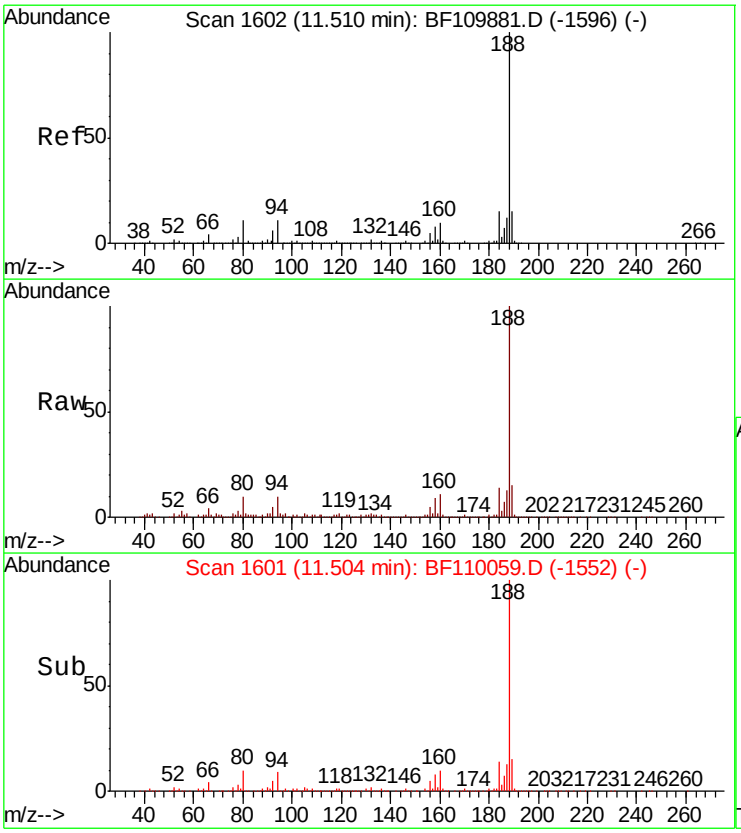
#57
2,4-Dinitrotoluene
Concen: 4.838 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.04 min
Lab File: BF110059.D
Acq: 22 Oct 2018 19:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 1333

Ion	Ratio	Lower	Upper
165	100		
63	101.8	44.8	67.2#
89	56.3	62.2	93.4#
182	43.9	2.1	3.1#

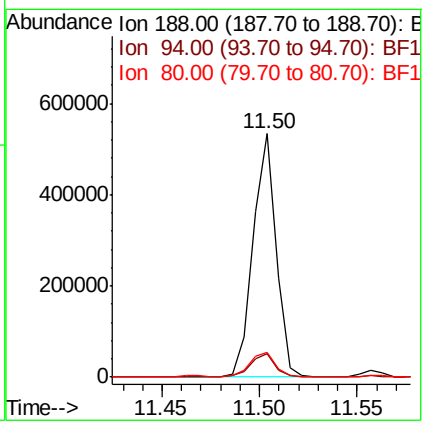


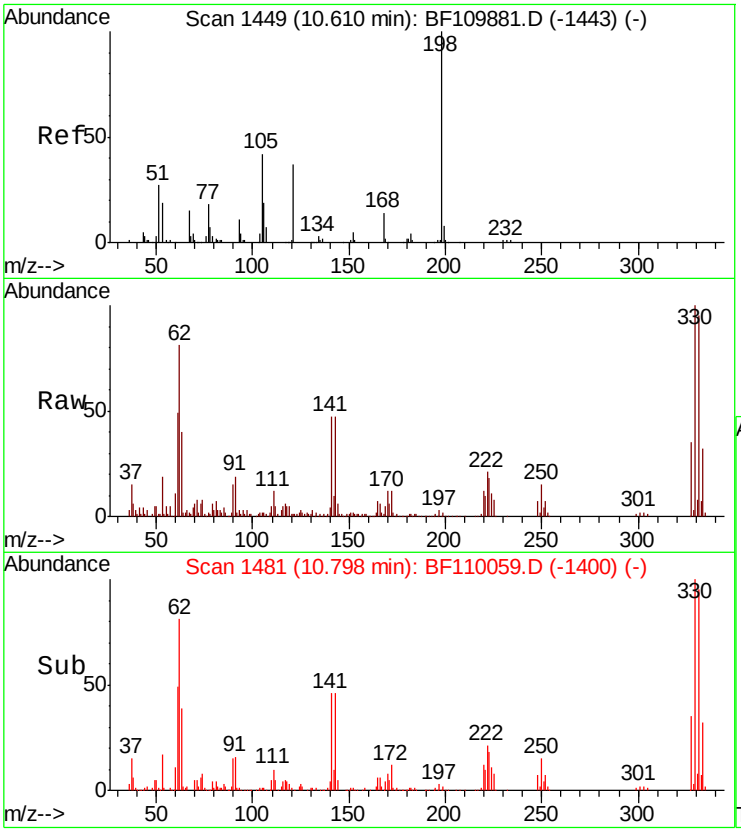


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110059.D
Acq: 22 Oct 2018 19:53

Tgt Ion:188 Resp: 436396

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.2	10.8
80	10.0	7.9	11.9



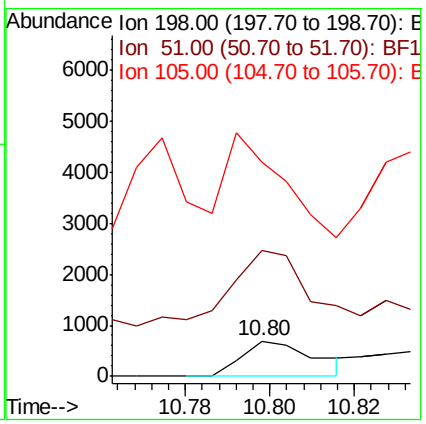


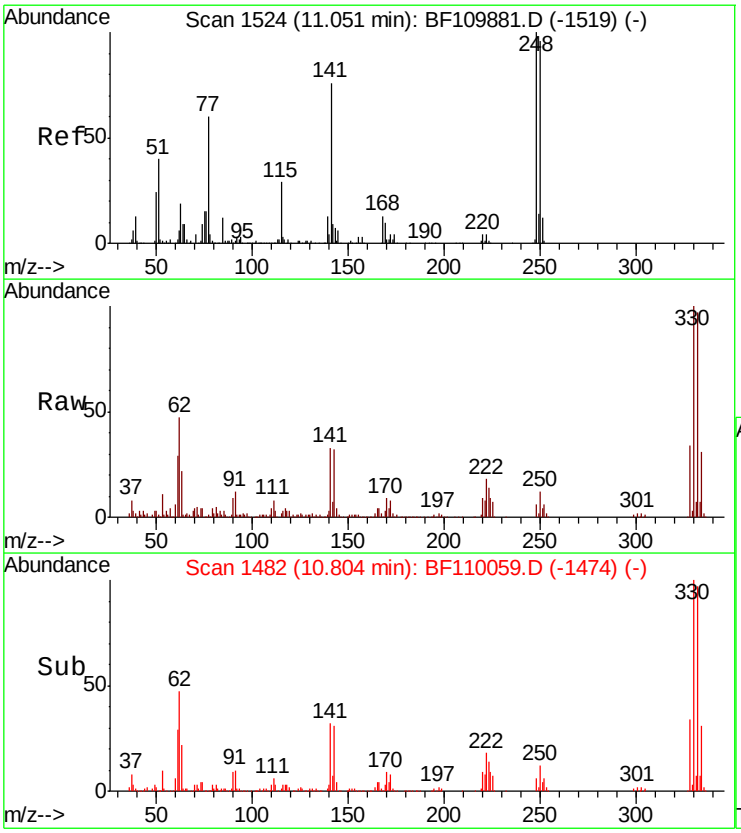
#65
4,6-Dinitro-2-methylphenol
Concen: 8.342 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.18 min
Lab File: BF110059.D
Acq: 22 Oct 2018 19:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 828

Ion	Ratio	Lower	Upper
198	100		
51	358.3	22.8	62.8#
105	608.9	23.6	63.6#

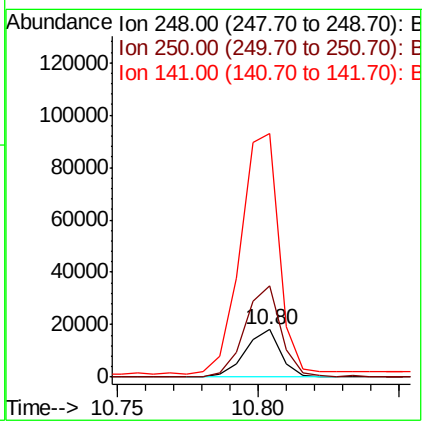


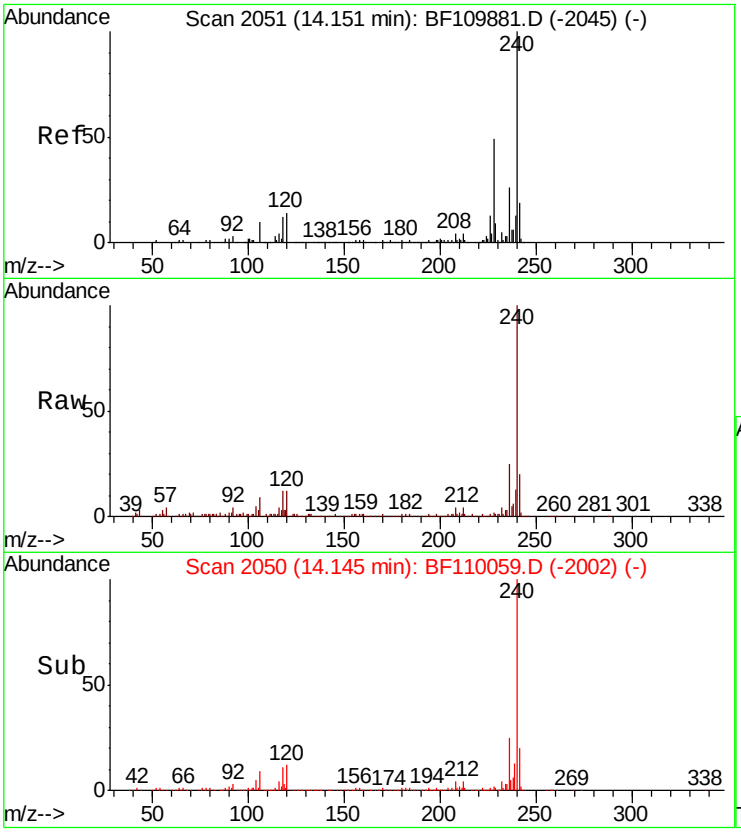


#67
4-Bromophenyl-phenylether
Concen: 3.270 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF110059.D
Acq: 22 Oct 2018 19:53

Tgt Ion:248 Resp: 15464

Ion	Ratio	Lower	Upper
248	100		
250	192.1	79.4	119.2#
141	512.2	55.9	83.9#



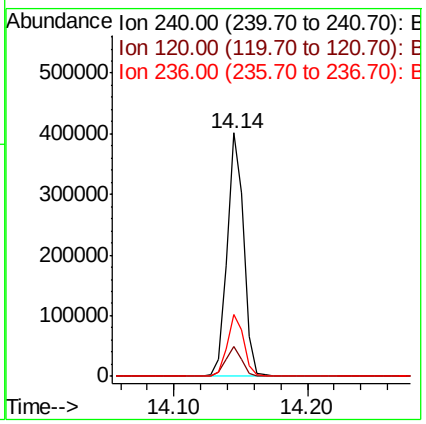


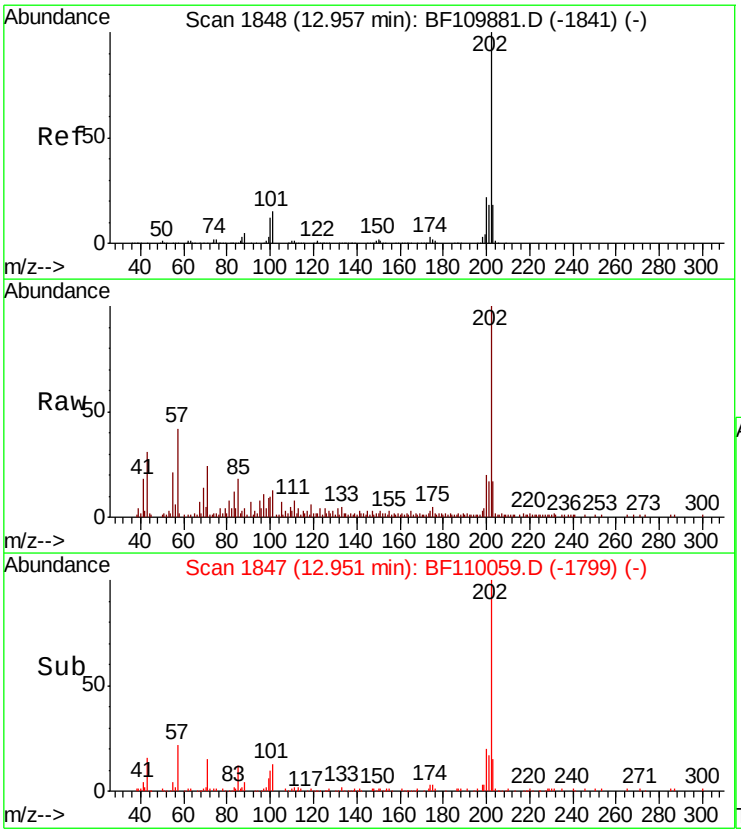
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110059.D
Acq: 22 Oct 2018 19:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 350754

Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.3	12.5
236	25.3	21.2	31.8

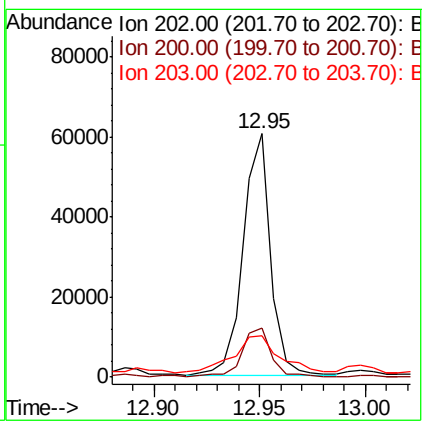


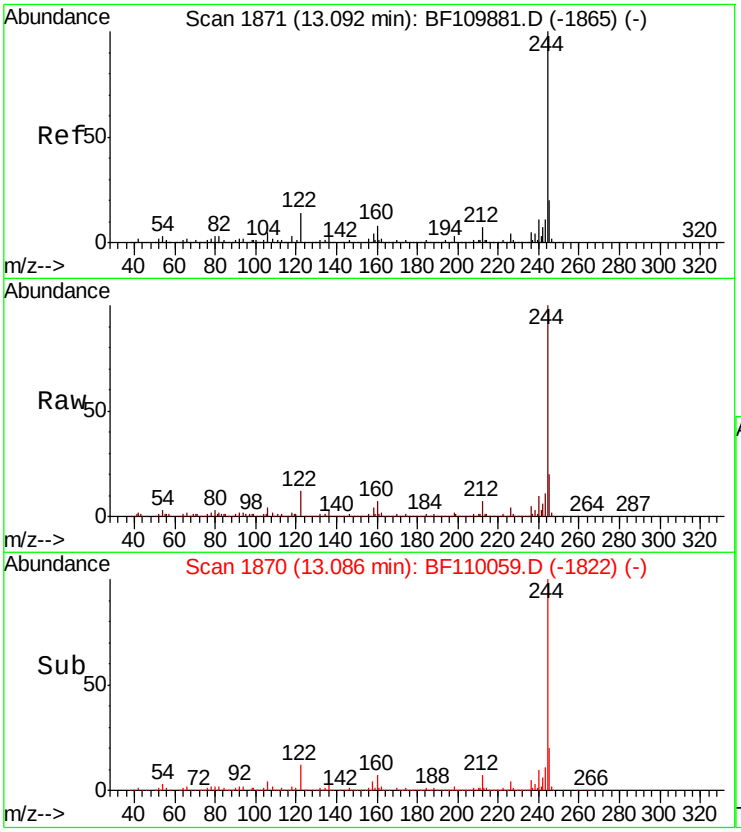


#78
Pyrene
Concen: 2.096 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF110059.D
Acq: 22 Oct 2018 19:53

Tgt Ion:202 Resp: 53997

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.8	26.6
203	17.0	14.2	21.4



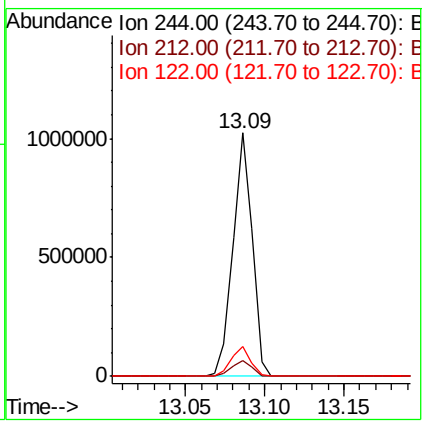


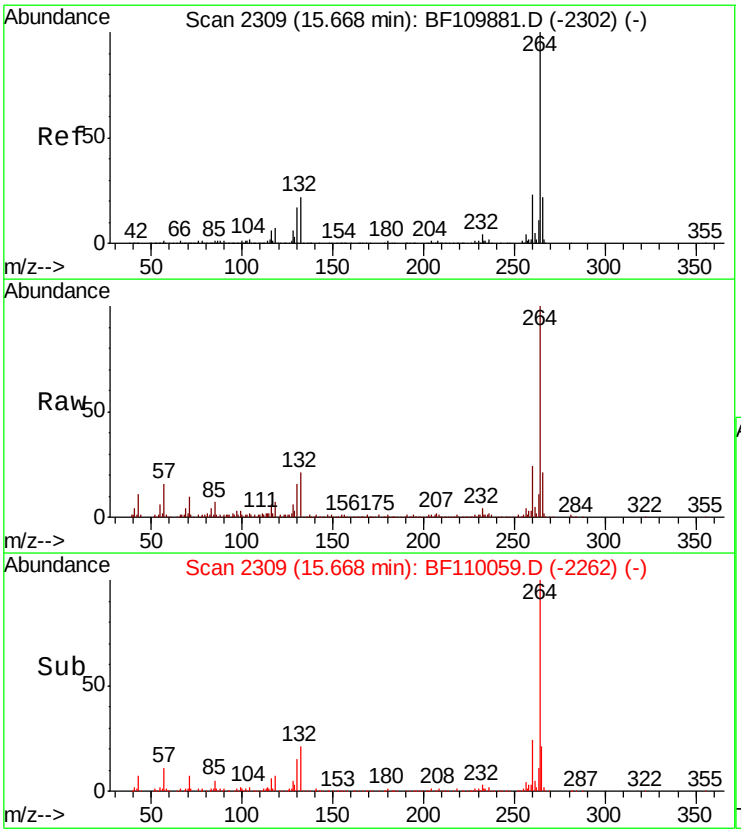
#79
Terphenyl-d14
Concen: 51.744 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110059.D
Acq: 22 Oct 2018 19:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 864280

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	12.4	8.7	13.1

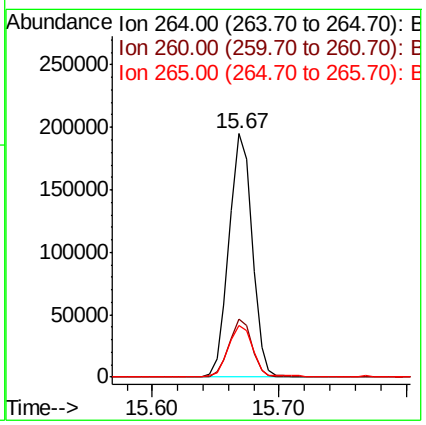


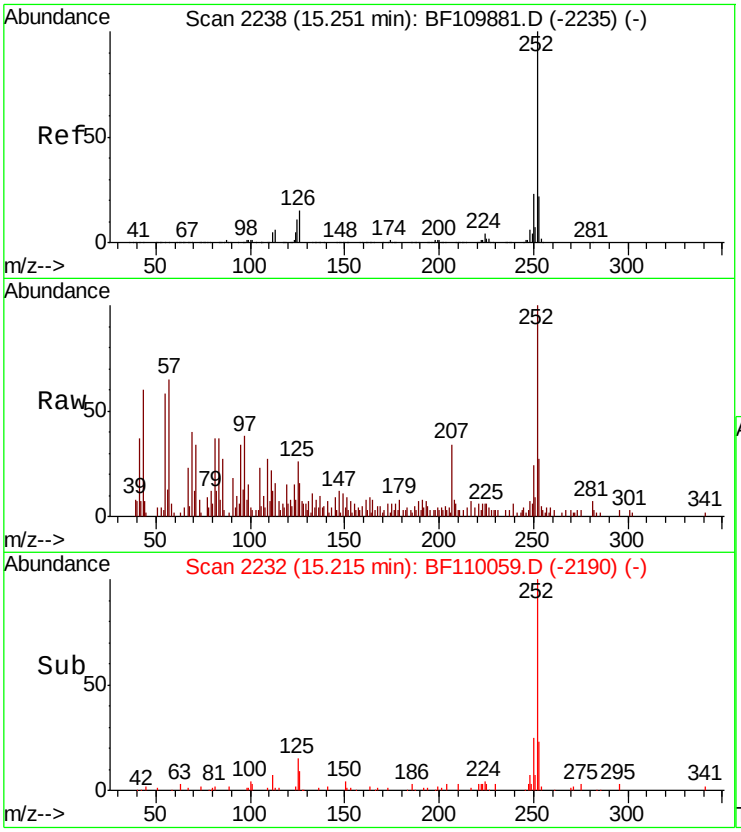


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BF110059.D
Acq: 22 Oct 2018 19:53

Tgt Ion:264 Resp: 245953

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.1	16.7	25.1





#89
Benzo(k)fluoranthene
Concen: 2.030 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.05 min
Lab File: BF110059.D
Acq: 22 Oct 2018 19:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 28373

Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.2	25.8#
125	26.0	7.4	11.0#