Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
Data File : BF109954.D
Acq On : 18 Oct 2018 12:04
Operator : JU/SJ
Sample : J5543-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 19 02:21:21 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	279668	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	1144560	20.00	ng		-0.01
39) Acenaphthene-d10	10.02	164	515955	20.00	ng		-0.01
64) Phenanthrene-d10	11.51	188	903270	20.00	ng		0.00
76) Chrysene-d12	14.16	240	496702	20.00	ng		0.00
87) Perylene-d12	15.69	264	516716	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	732517	41.52	ng		0.00
7) Phenol-d6	6.59	99	563276	25.71	ng		-0.02
23) Nitrobenzene-d5	7.54	82	1720273	101.25	ng		-0.01
42) 2,4,6-Tribromophenol	10.81	330	421599	94.38	ng		0.00
45) 2-Fluorobiphenyl	9.34	172	2789268	86.26	ng		0.00
79) Terphenyl-d14	13.10	244	1970411	83.30	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.60	94	59667	2.523	ng	#	60
19) n-Nitroso-di-n-propylamine	7.54	70	230938	16.417	ng	#	79
25) Isophorone	7.54	82	1718400	51.472	ng	#	67
50) Dimethylphthalate	9.72	163	87620	2.398	ng		99
51) 2,6-Dinitrotoluene	10.02	165	67077	9.667	ng	#	23
57) 2,4-Dinitrotoluene	10.02	165	67077	11.505	ng	#	19
65) 4,6-Dinitro-2-methylphenol	10.81	198	849	8.121	ng	#	1
67) 4-Bromophenyl-phenylether	10.81	248	26581	2.715	ng	#	1

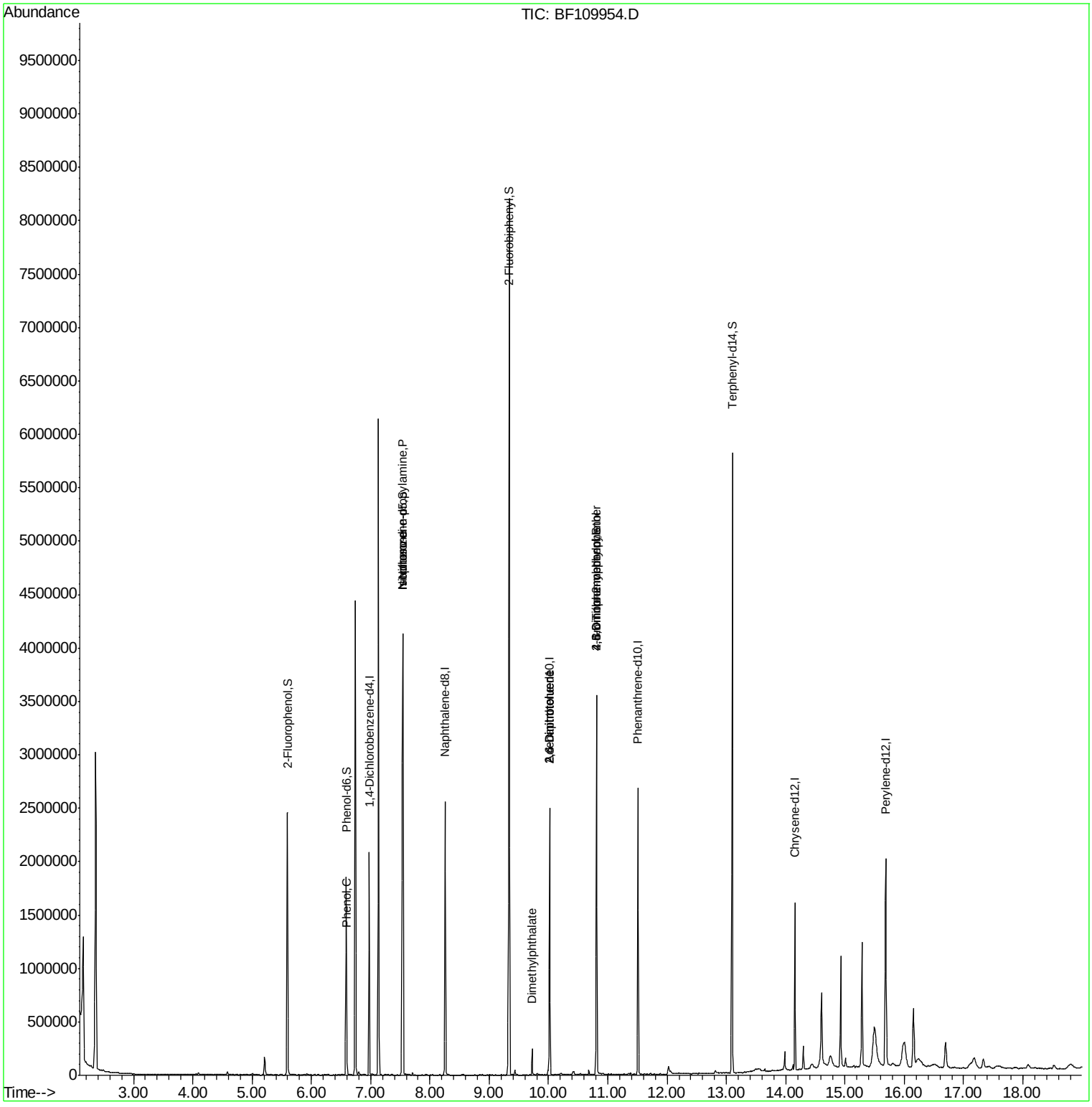
(#) = qualifier out of range (m) = manual integration (+) = signals summed

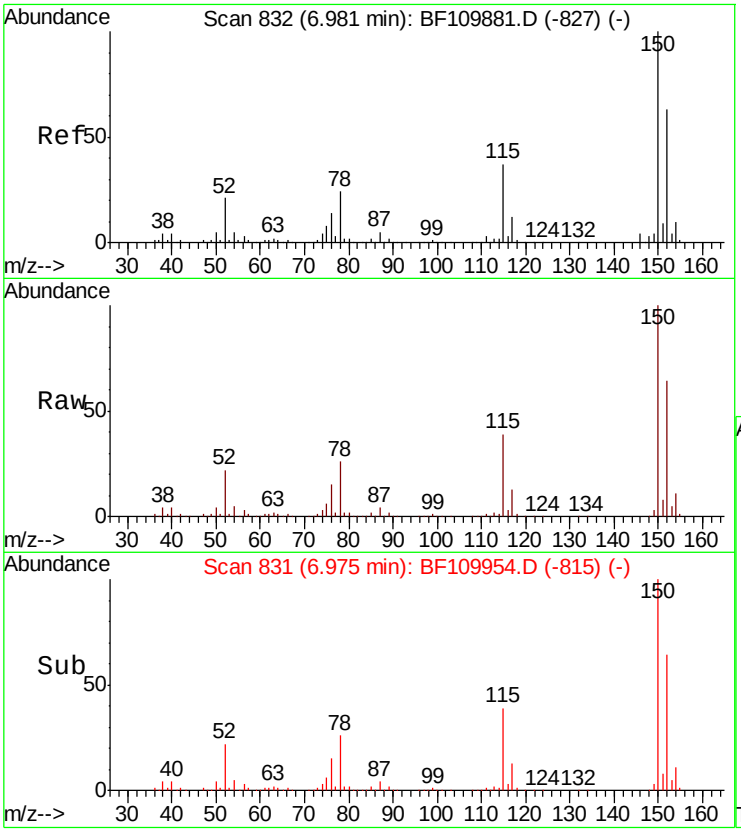
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
Data File : BF109954.D
Acq On : 18 Oct 2018 12:04
Operator : JU/SJ
Sample : J5543-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 19 02:21:21 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



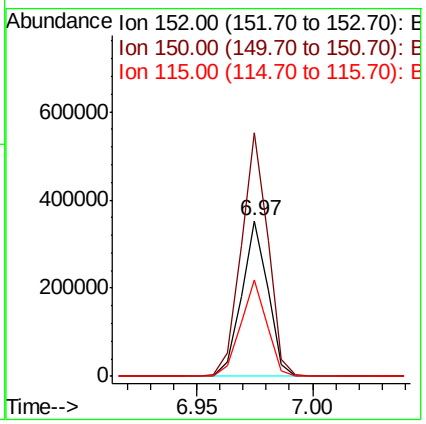


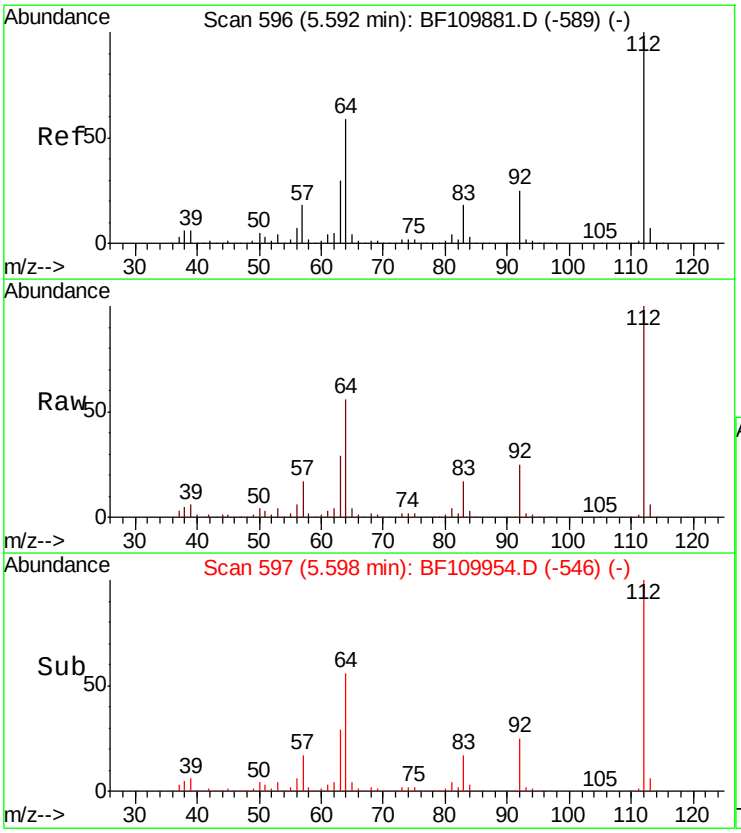
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109954.D
Acq: 18 Oct 2018 12:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 279668

Ion	Ratio	Lower	Upper
152	100		
150	156.5	122.7	184.1
115	61.8	49.1	73.7

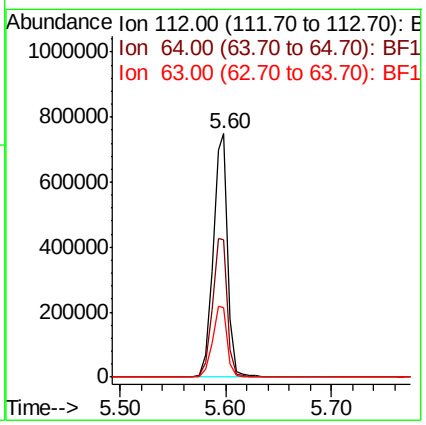


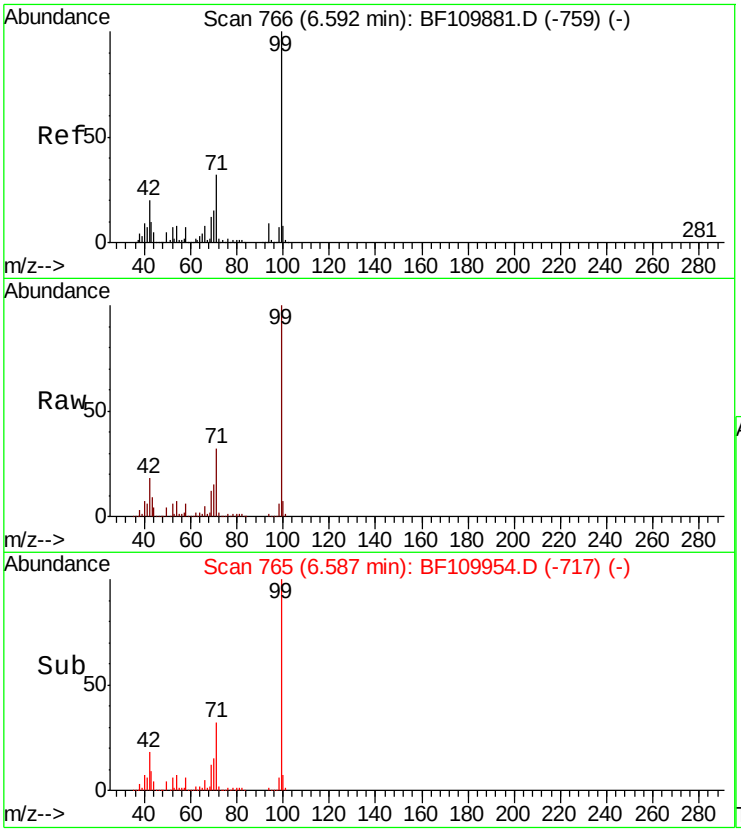


#5
2-Fluorophenol
Concen: 41.518 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF109954.D
Acq: 18 Oct 2018 12:04

Tgt Ion:112 Resp: 732517

Ion	Ratio	Lower	Upper
112	100		
64	56.3	44.1	66.1
63	28.7	23.7	35.5



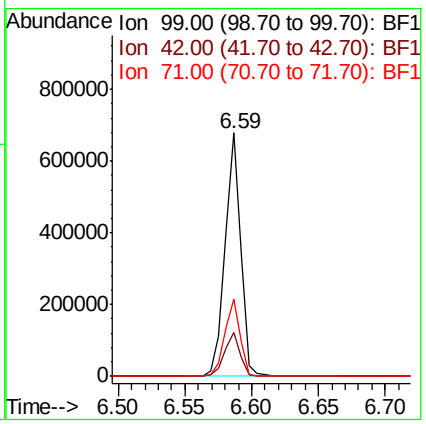


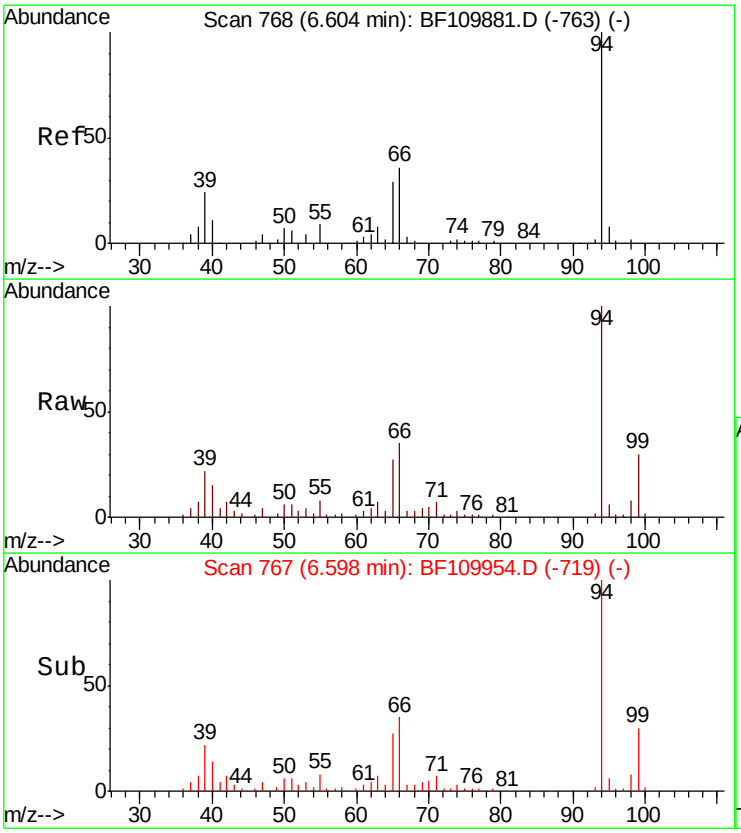
#7
Phenol-d6
Concen: 25.711 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF109954.D
Acq: 18 Oct 2018 12:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 563276

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.8	23.6
71	31.7	28.0	42.0

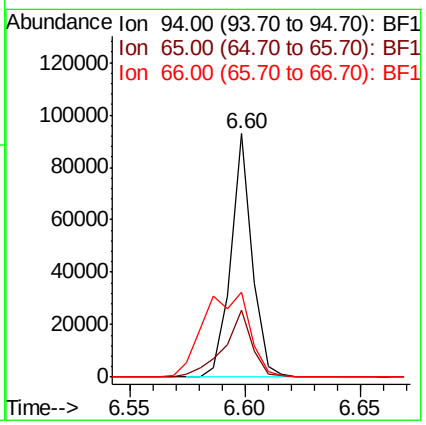


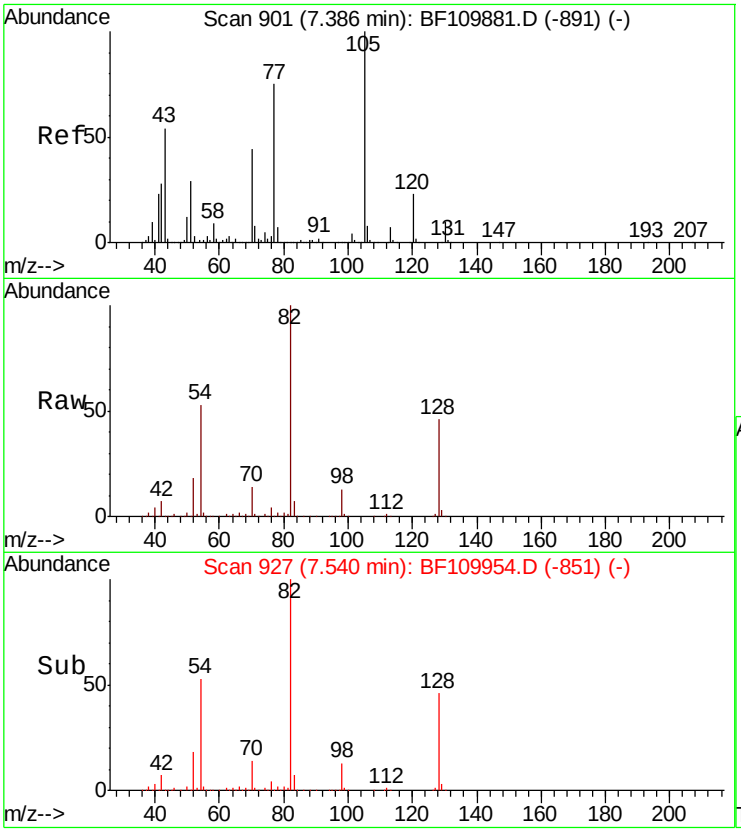


#10
Phenol
Concen: 2.523 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF109954.D
Acq: 18 Oct 2018 12:04

Tgt Ion: 94 Resp: 59667

Ion	Ratio	Lower	Upper
94	100		
65	27.3	25.3	65.3
66	34.7	54.5	94.5#



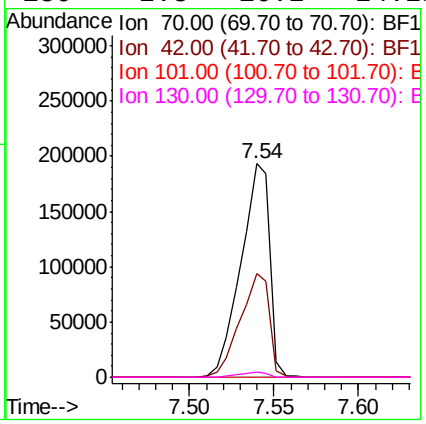


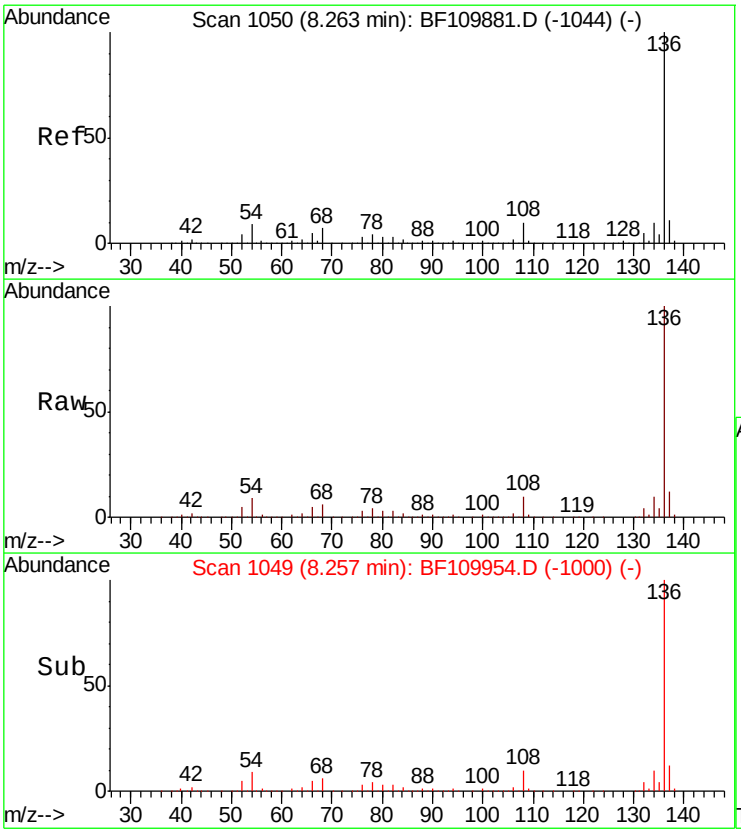
#19
n-Nitroso-di-n-propylamine
Concen: 16.417 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF109954.D
Acq: 18 Oct 2018 12:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 230938

Ion	Ratio	Lower	Upper
70	100		
42	48.4	47.4	71.2
101	0.0	7.3	10.9#
130	2.3	16.2	24.2#

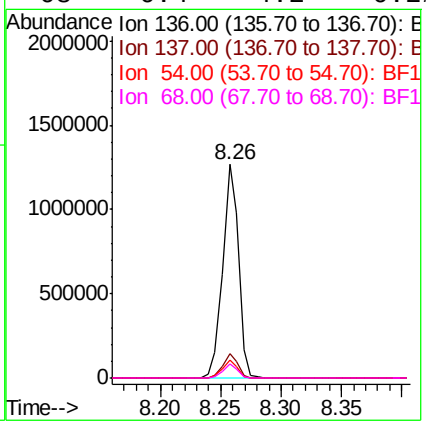


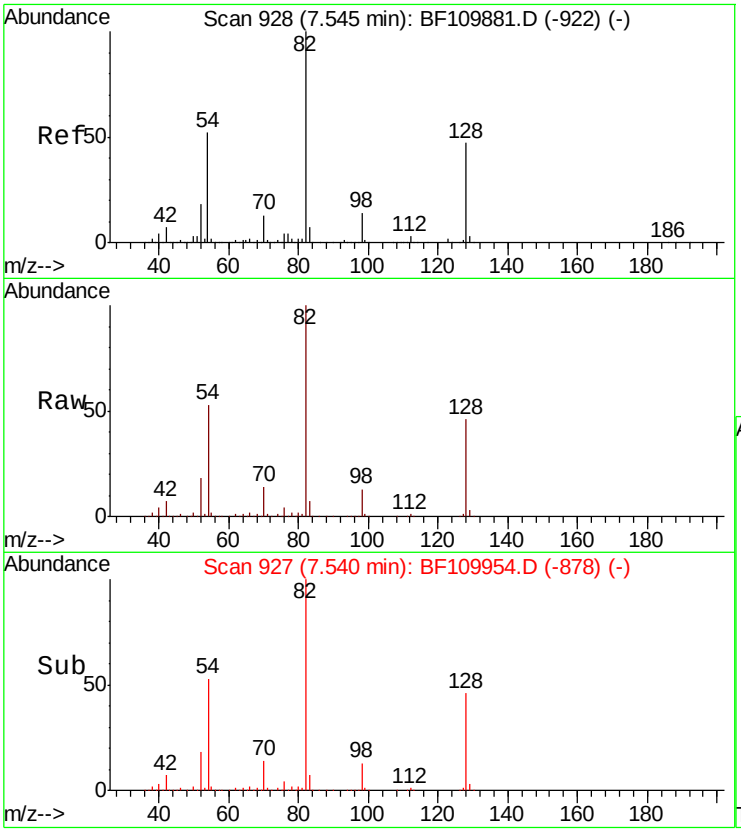


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109954.D
Acq: 18 Oct 2018 12:04

Tgt Ion:136 Resp: 1144560

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	8.6	5.4	8.2#
68	6.4	4.2	6.2#



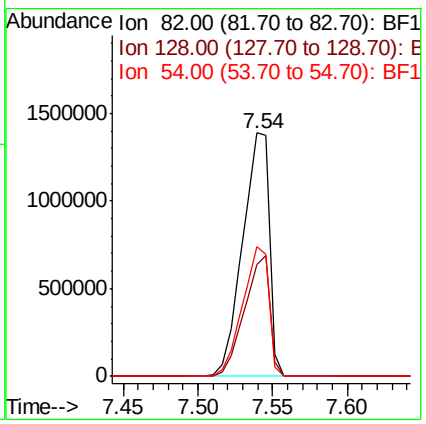


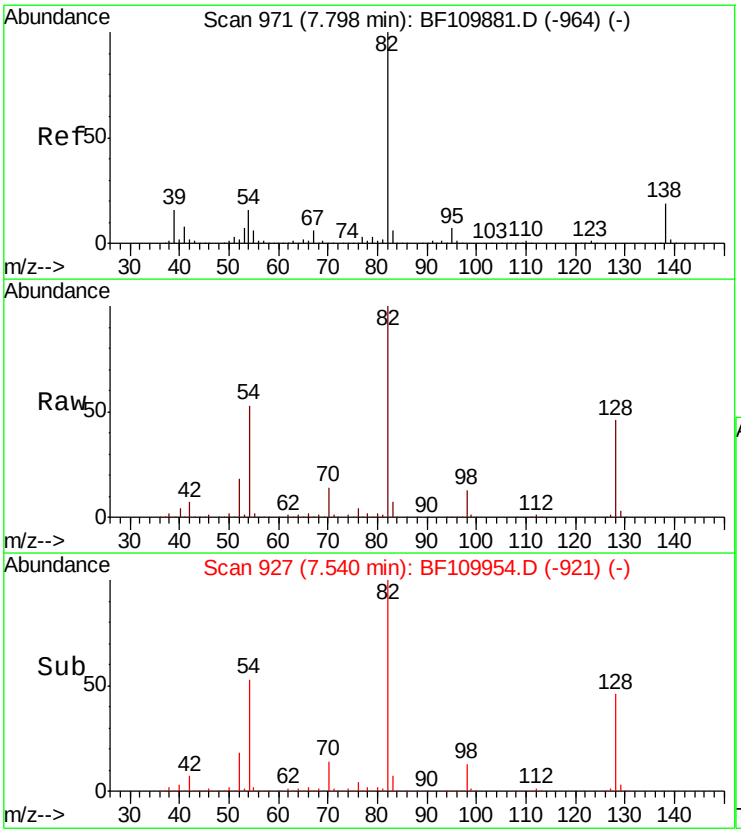
#23
Nitrobenzene-d5
Concen: 101.248 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109954.D
Acq: 18 Oct 2018 12:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1720273

Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.2	51.2
54	53.4	38.6	58.0

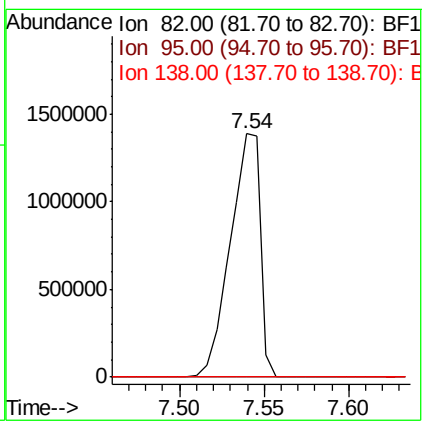


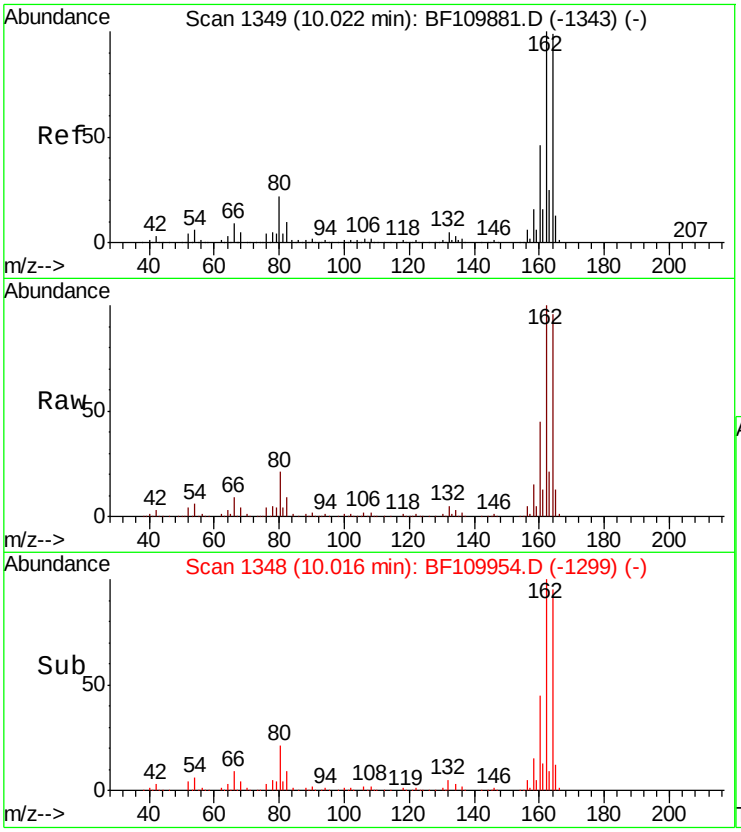


#25
Isophorone
Concen: 51.472 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.26 min
Lab File: BF109954.D
Acq: 18 Oct 2018 12:04

Tgt Ion: 82 Resp: 1718400

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



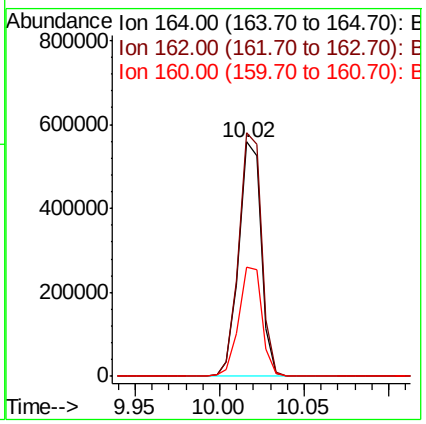


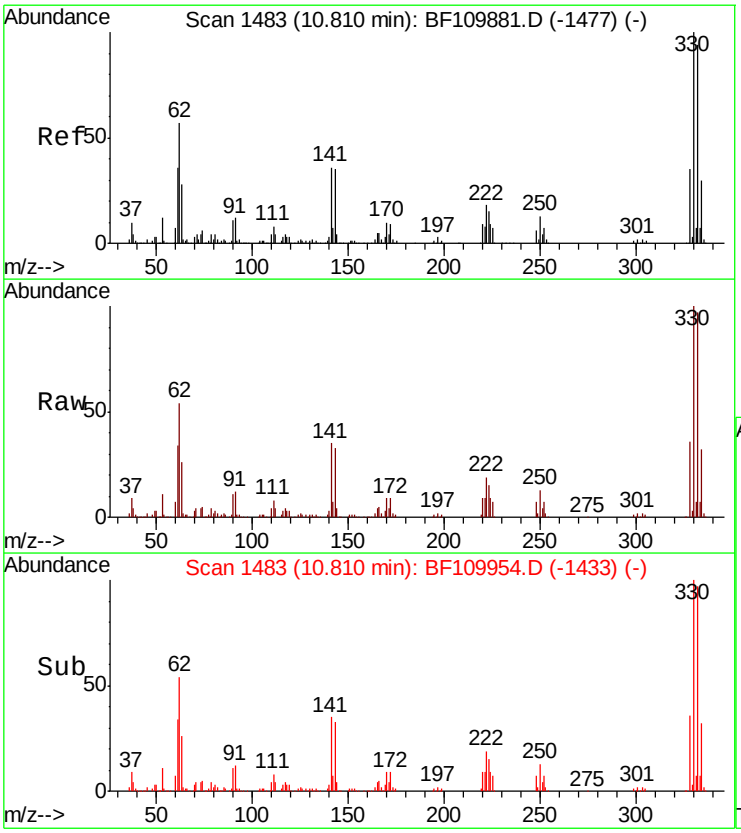
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF109954.D
Acq: 18 Oct 2018 12:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 515955

Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.0	124.6
160	46.7	37.0	55.6

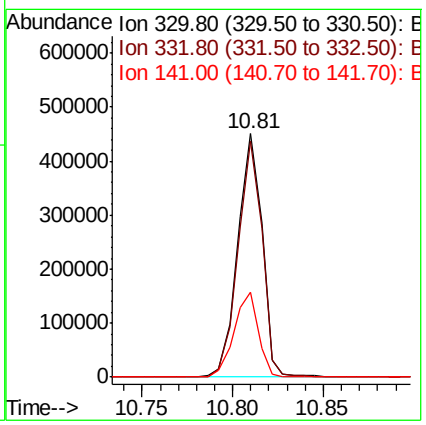


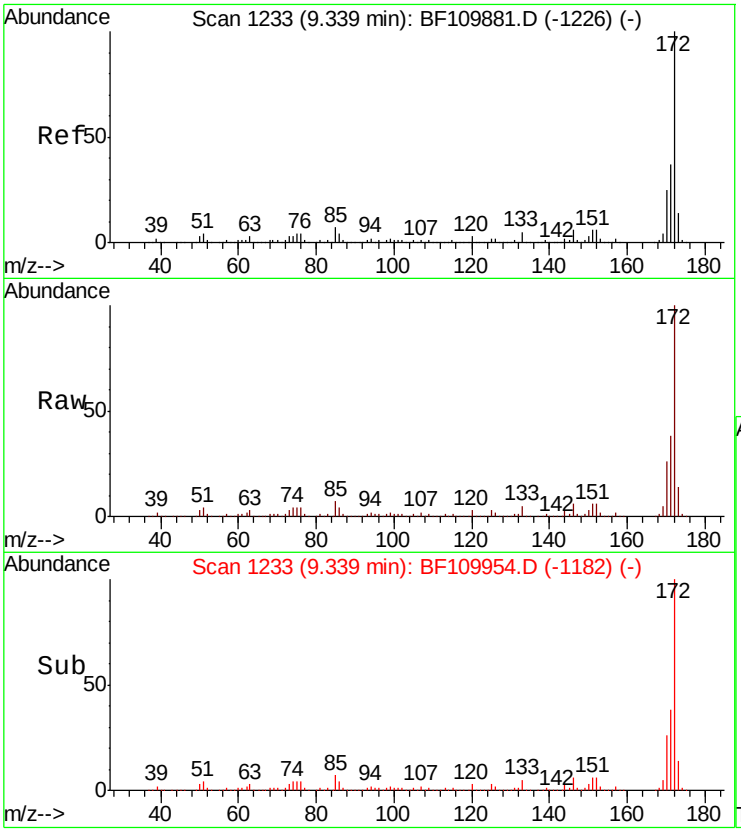


#42
2,4,6-Tribromophenol
Concen: 94.381 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF109954.D
Acq: 18 Oct 2018 12:04

Tgt Ion:330 Resp: 421599

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	34.8	27.0	40.4



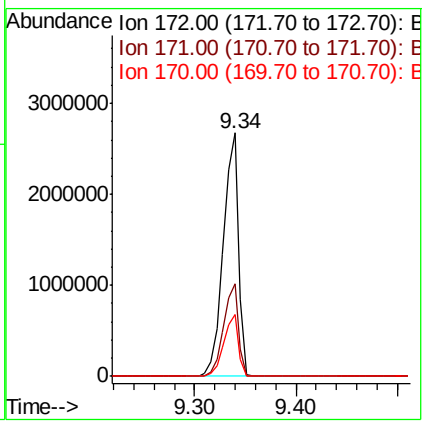


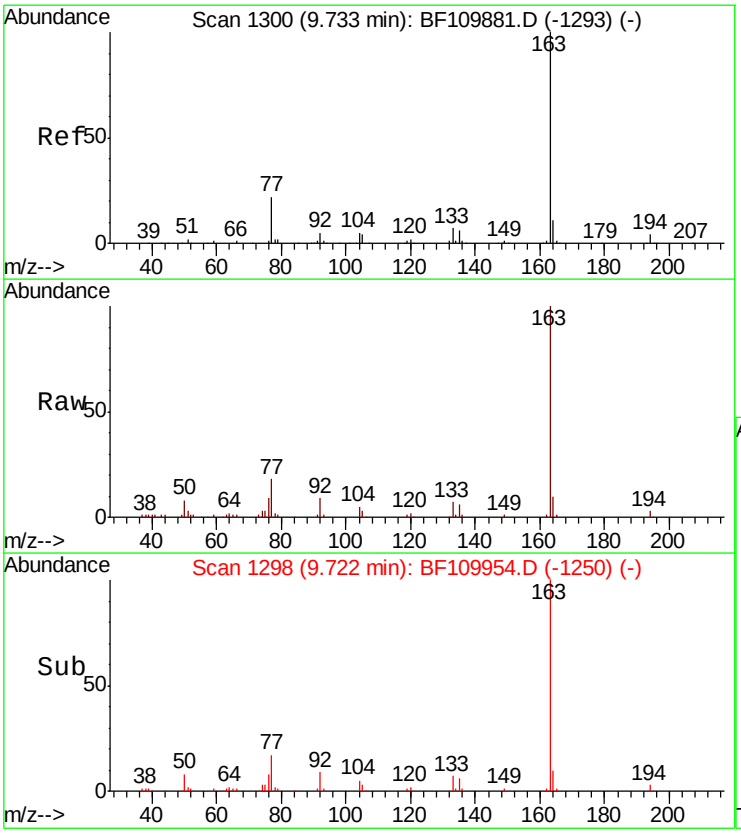
#45
2-Fluorobiphenyl
Concen: 86.262 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF109954.D
Acq: 18 Oct 2018 12:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 2789268

Ion	Ratio	Lower	Upper
172	100		
171	37.8	28.6	43.0
170	25.5	19.7	29.5

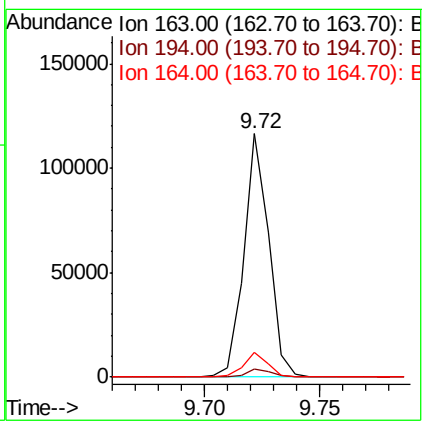


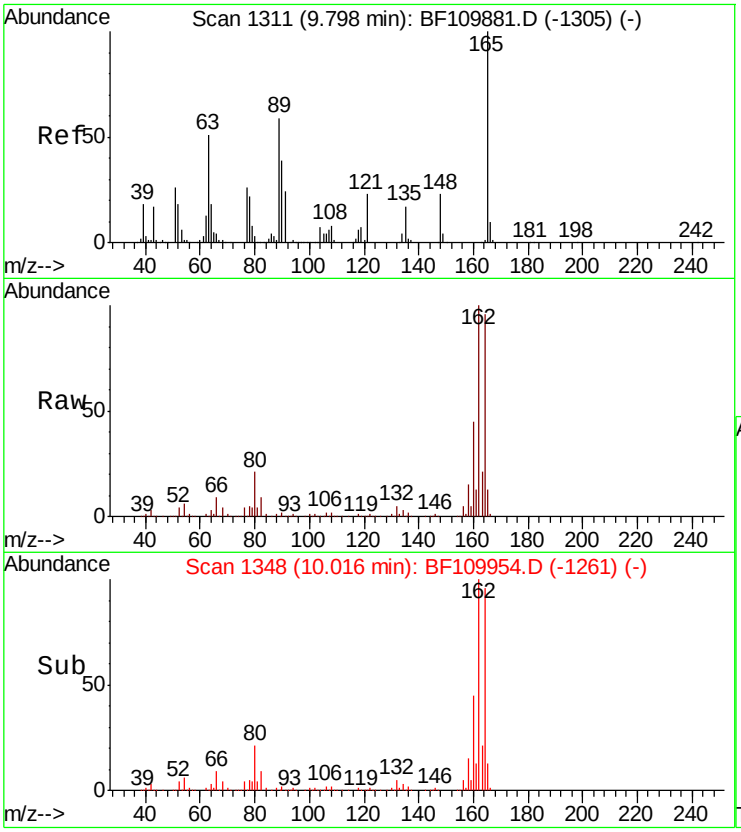


#50
Dimethylphthalate
Concen: 2.398 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF109954.D
Acq: 18 Oct 2018 12:04

Tgt Ion:163 Resp: 87620

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	10.0	8.1	12.1



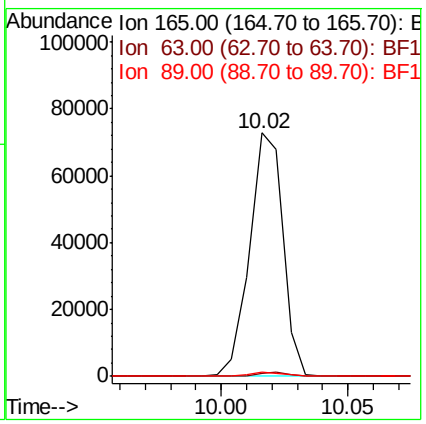


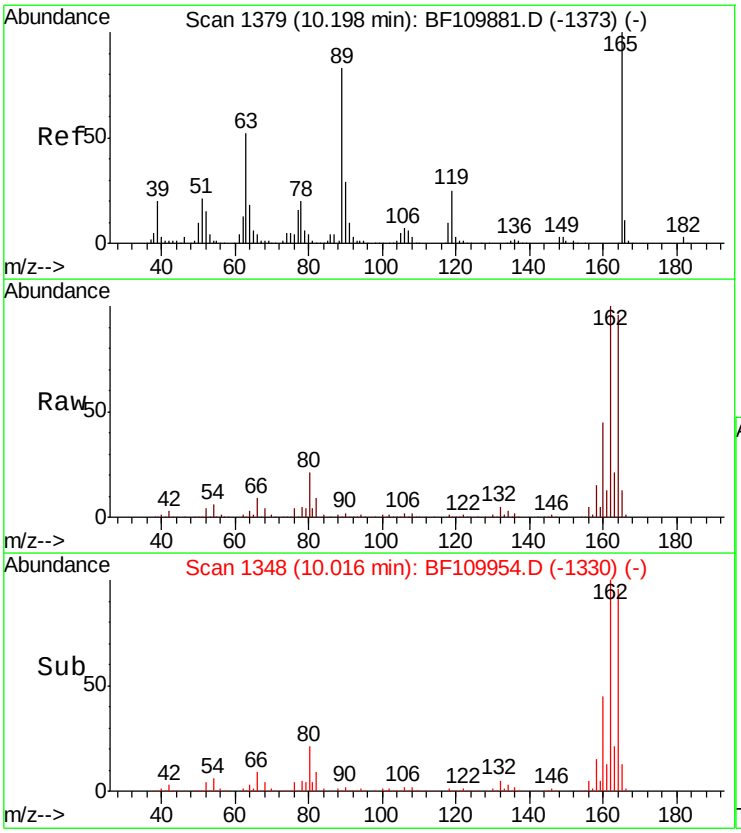
#51
2,6-Dinitrotoluene
Concen: 9.667 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.21 min
Lab File: BF109954.D
Acq: 18 Oct 2018 12:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 67077

Ion	Ratio	Lower	Upper
165	100		
63	1.4	48.9	73.3#
89	1.7	46.6	69.8#

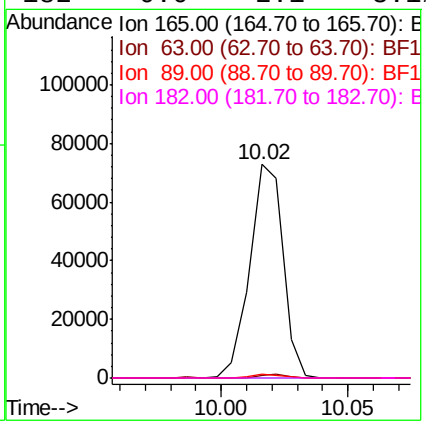


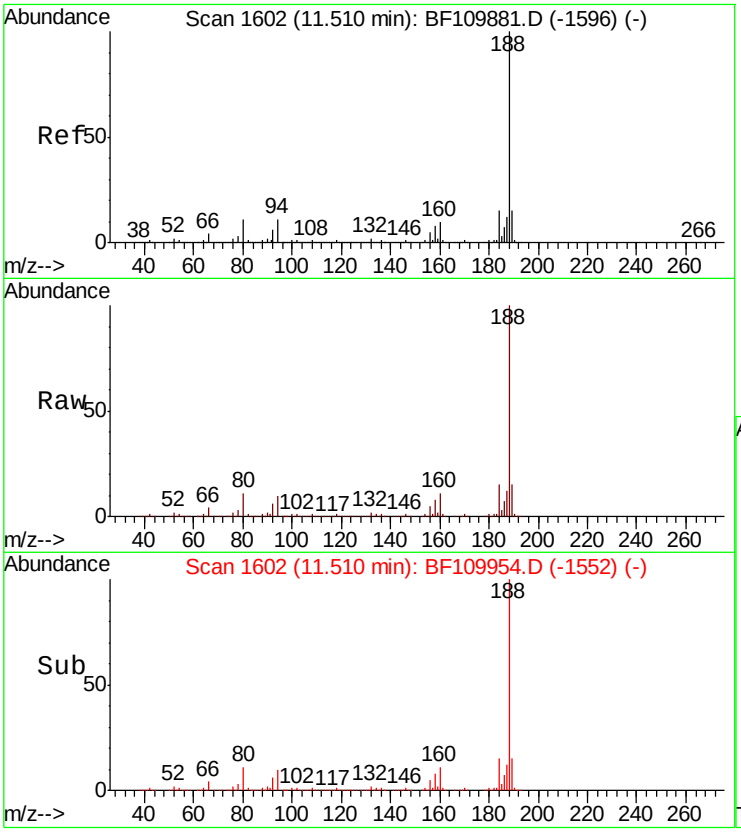


#57
2,4-Dinitrotoluene
Concen: 11.505 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.19 min
Lab File: BF109954.D
Acq: 18 Oct 2018 12:04

Tgt Ion:165 Resp: 67077

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



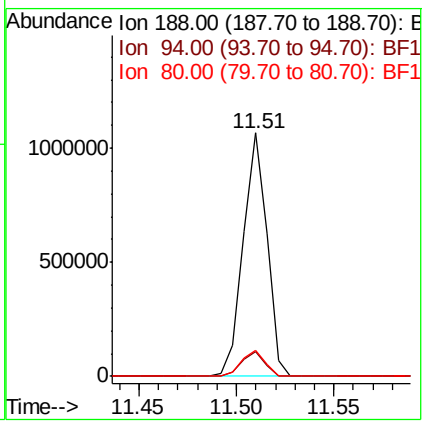


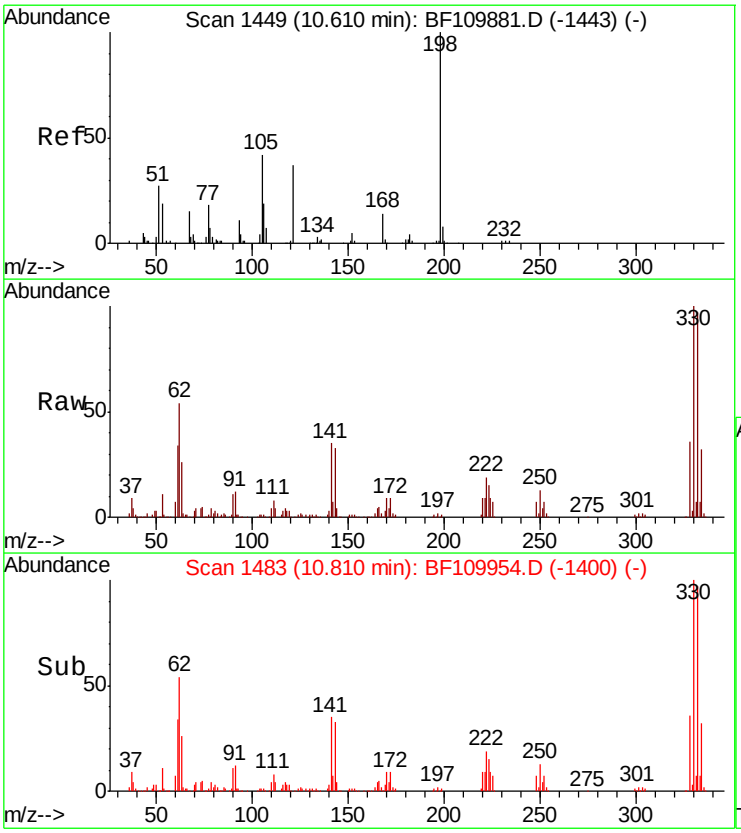
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109954.D
Acq: 18 Oct 2018 12:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 903270

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.2	10.8
80	10.8	7.9	11.9

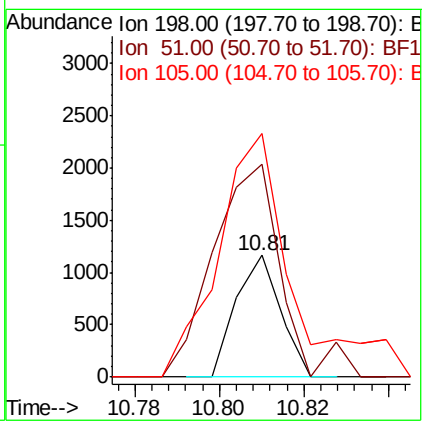


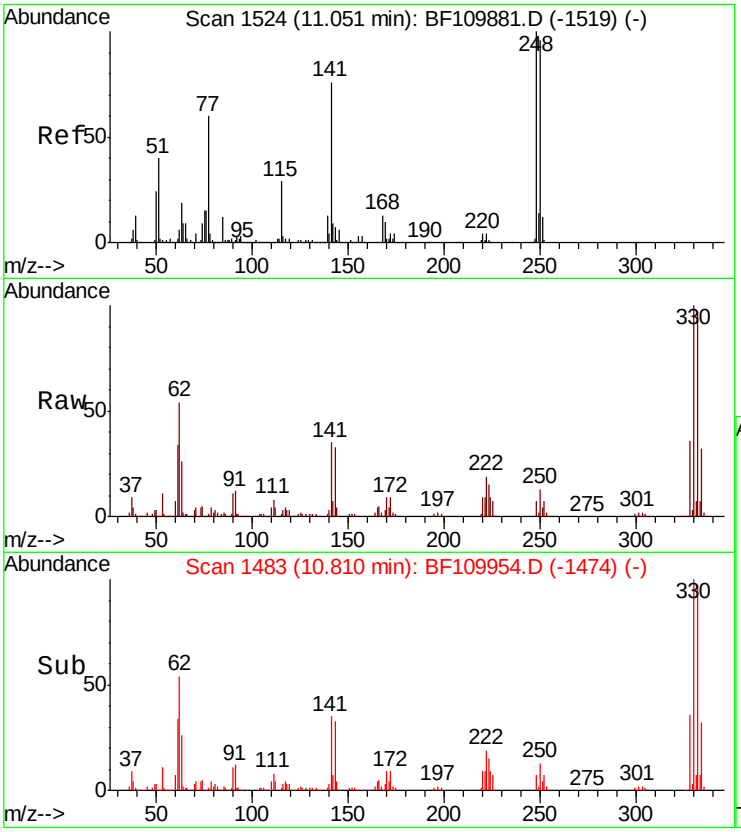


#65
4,6-Dinitro-2-methylphenol
Concen: 8.121 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.19 min
Lab File: BF109954.D
Acq: 18 Oct 2018 12:04

Tgt Ion:198 Resp: 849

Ion	Ratio	Lower	Upper
198	100		
51	175.0	22.8	62.8#
105	200.4	23.6	63.6#



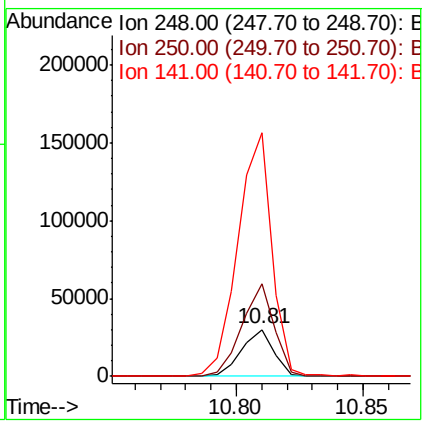


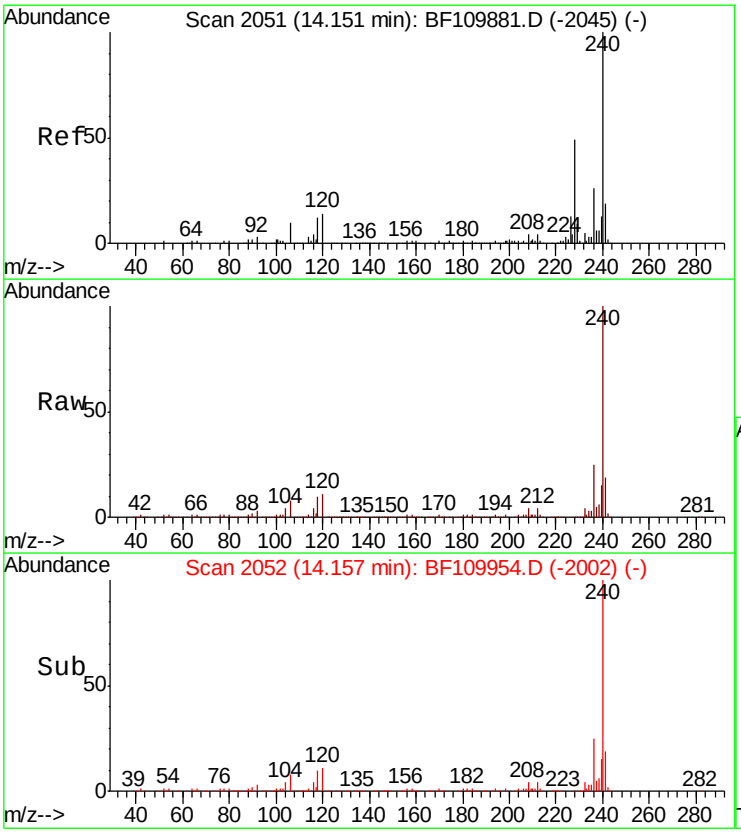
#67
4-Bromophenyl-phenylether
Concen: 2.715 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.25 min
Lab File: BF109954.D
Acq: 18 Oct 2018 12:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 26581

Ion	Ratio	Lower	Upper
248	100		
250	197.3	79.4	119.2#
141	517.7	55.9	83.9#

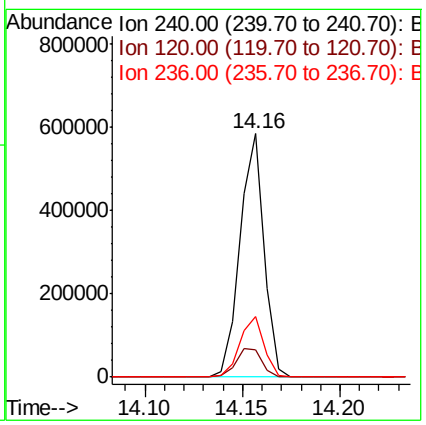


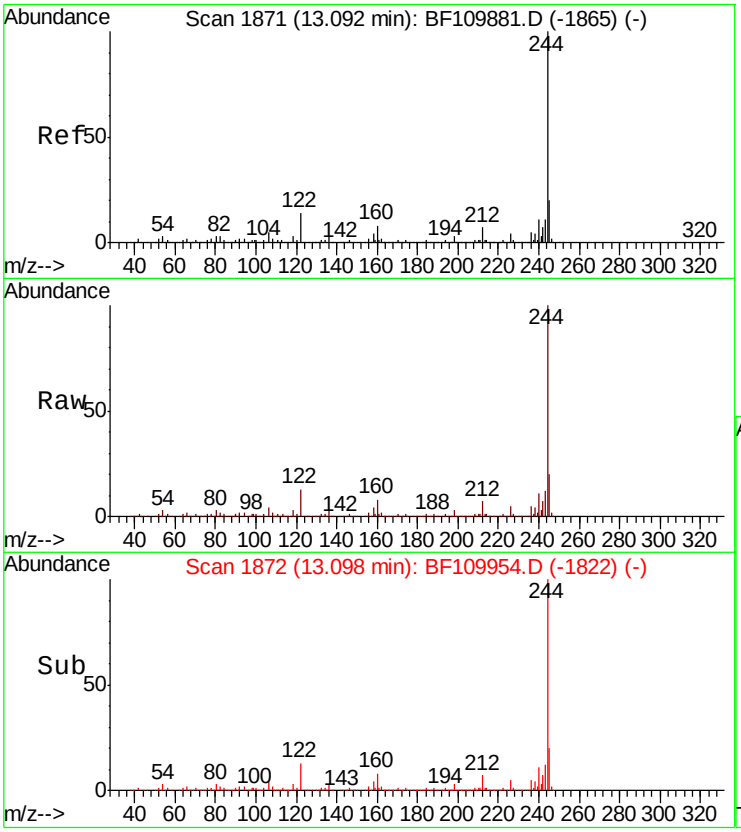


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF109954.D
Acq: 18 Oct 2018 12:04

Tgt Ion:240 Resp: 496702

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.3	12.5
236	24.7	21.2	31.8



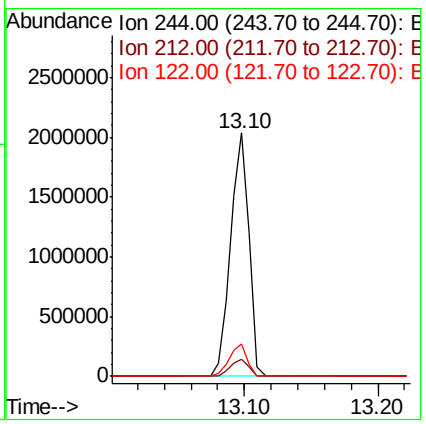


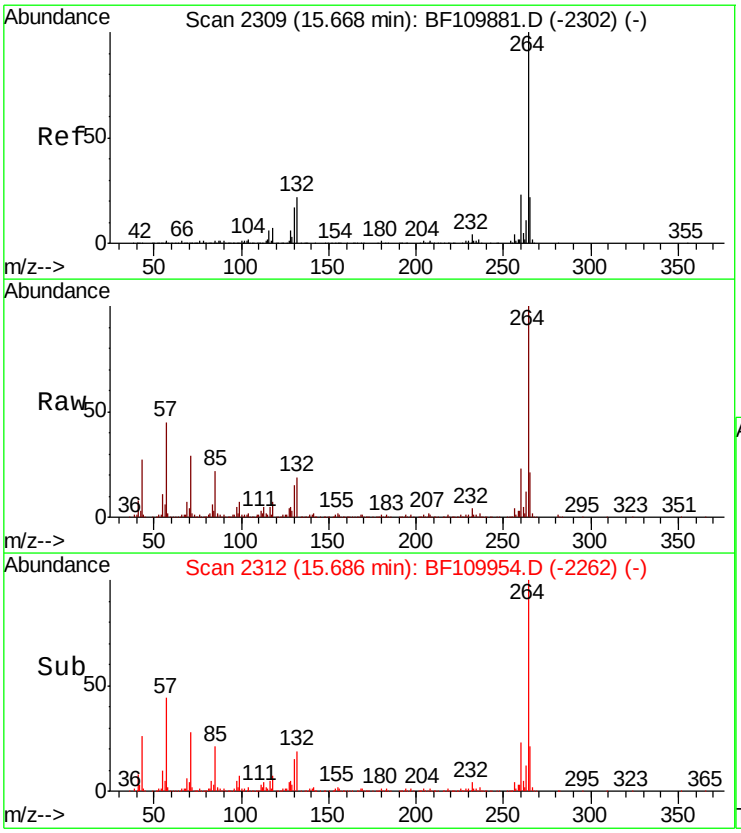
#79
Terphenyl-d14
Concen: 83.304 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BF109954.D
Acq: 18 Oct 2018 12:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1970411

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	13.1	8.7	13.1#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BF109954.D
Acq: 18 Oct 2018 12:04

Tgt Ion:264 Resp: 516716

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.1	16.7	25.1