Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101818\
Data File : BF109994.D
Acq On : 19 Oct 2018 7:55
Operator : JU/SJ
Sample : J5543-10
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 101618-DBRI-E-D-M

Quant Time: Oct 19 10:32:16 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	158585	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	578475	20.00	ng		-0.01
39) Acenaphthene-d10	10.02	164	222140	20.00	ng		-0.01
64) Phenanthrene-d10	11.51	188	395450	20.00	ng		0.00
76) Chrysene-d12	14.16	240	353347	20.00	ng		0.00
87) Perylene-d12	15.69	264	252936	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	383987	38.38	ng		0.00
7) Phenol-d6	6.59	99	270926	21.81	ng		-0.02
23) Nitrobenzene-d5	7.54	82	849074	98.88	ng		-0.01
42) 2,4,6-Tribromophenol	10.81	330	164311	85.43	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	1389348	99.80	ng		0.00
79) Terphenyl-d14	13.10	244	1132438	67.30	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.54	70	114625	14.370	ng	#	79
25) Isophorone	7.54	82	849054	50.320	ng	#	67
50) Dimethylphthalate	9.72	163	34744	2.209	ng		98
51) 2,6-Dinitrotoluene	10.02	165	27404	9.173	ng	#	23
57) 2,4-Dinitrotoluene	10.02	165	27404	11.151	ng	#	19
65) 4,6-Dinitro-2-methylphenol	10.80	198	341	8.103	ng	#	1
67) 4-Bromophenyl-phenylether	10.81	248	10879	2.538	ng	#	1

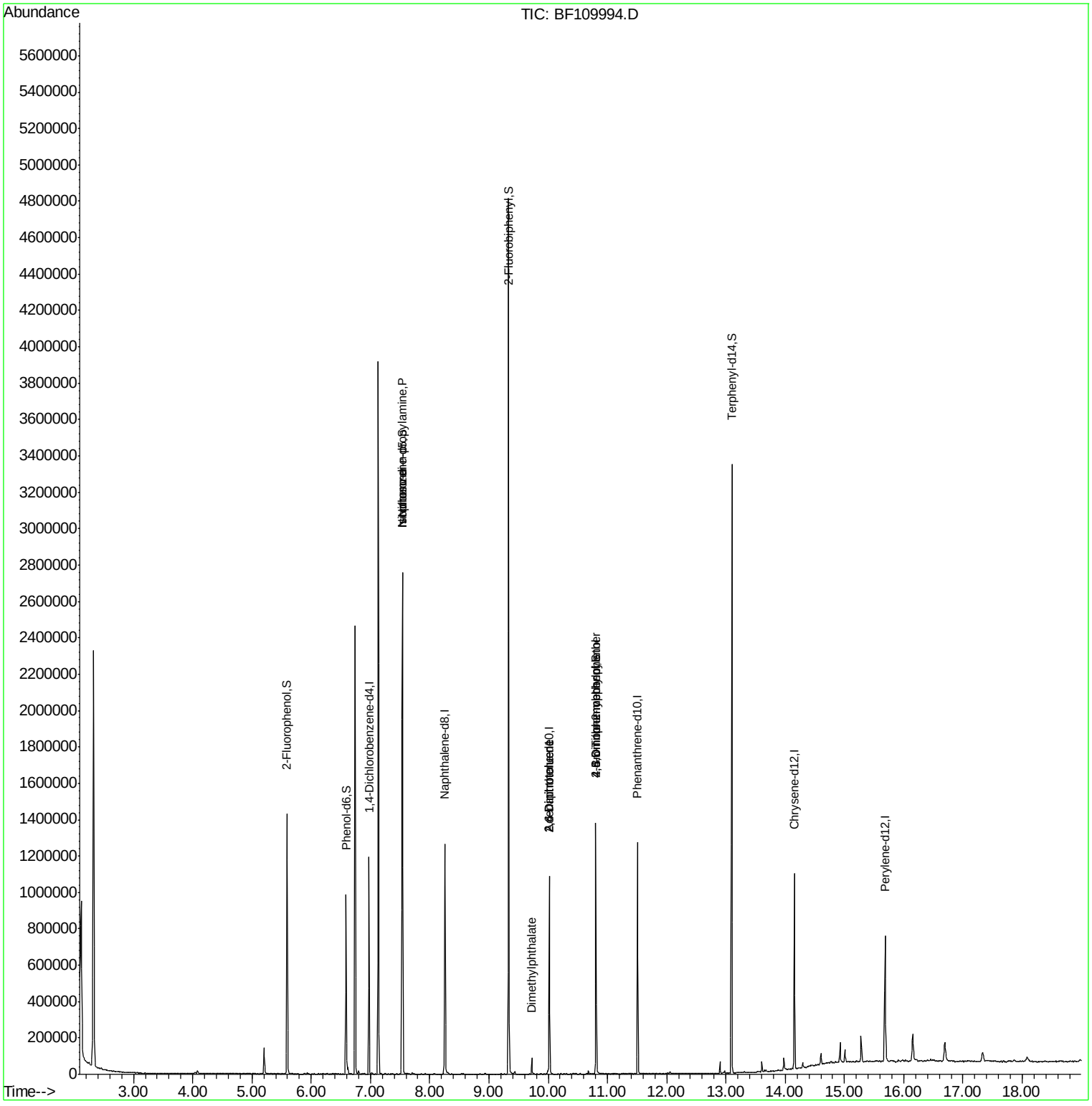
(#) = qualifier out of range (m) = manual integration (+) = signals summed

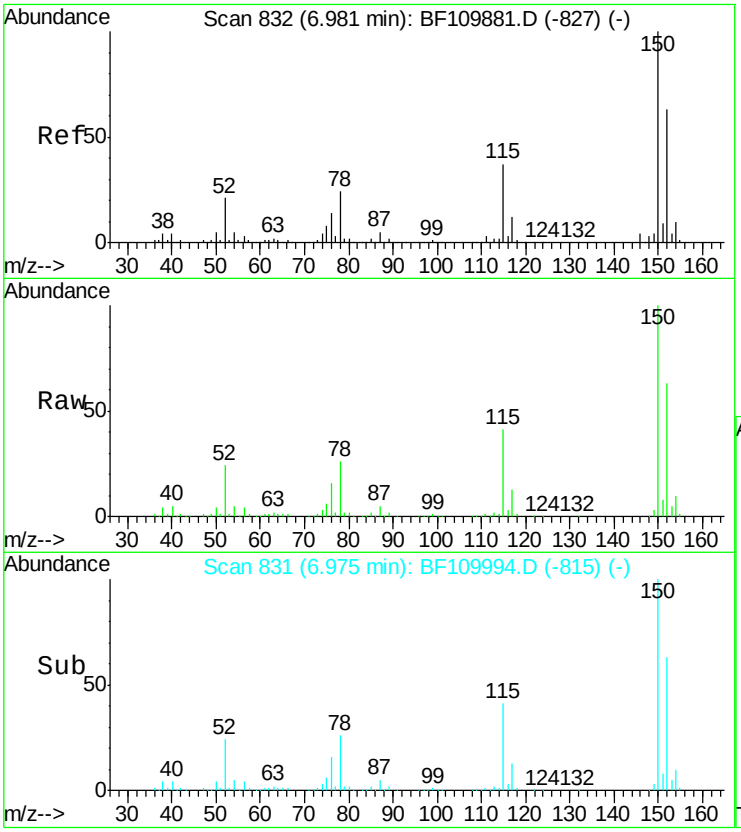
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101818\
Data File : BF109994.D
Acq On : 19 Oct 2018 7:55
Operator : JU/SJ
Sample : J5543-10
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
101618-DBRI-E-D-M

Quant Time: Oct 19 10:32:16 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



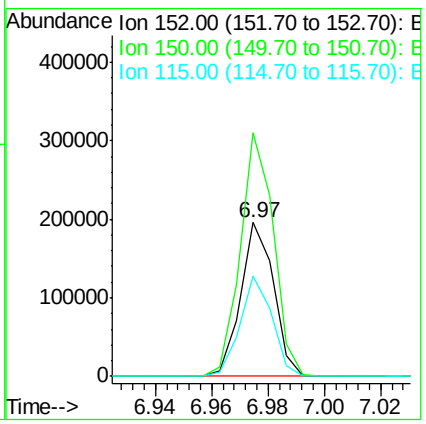


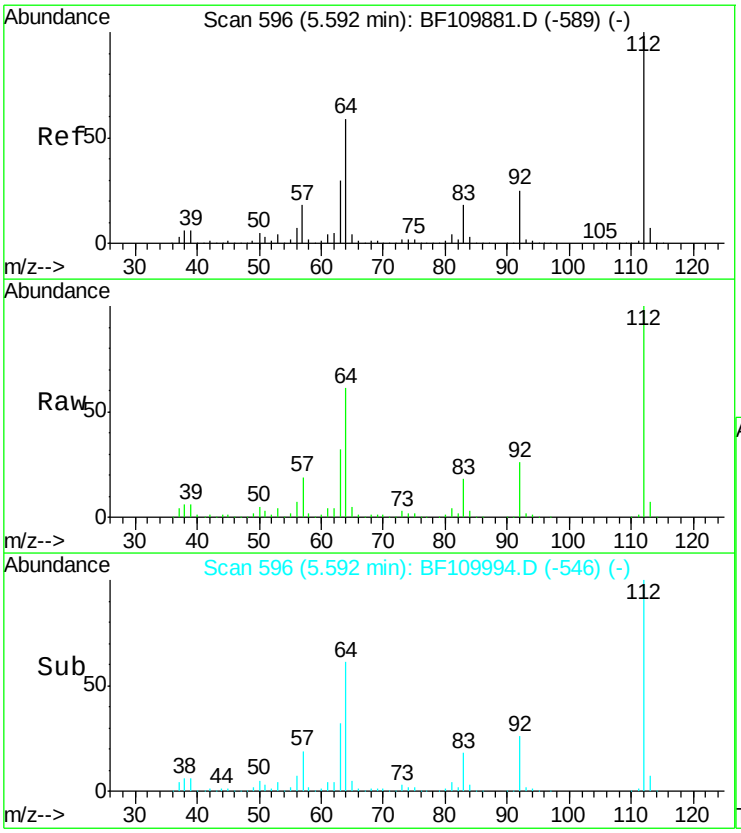
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109994.D
Acq: 19 Oct 2018 7:55

Instrument :
BNA_F
ClientSampleId :
101618-DBRI-E-D-M

Tgt Ion:152 Resp: 158585

Ion	Ratio	Lower	Upper
152	100		
150	158.6	122.7	184.1
115	65.1	49.1	73.7

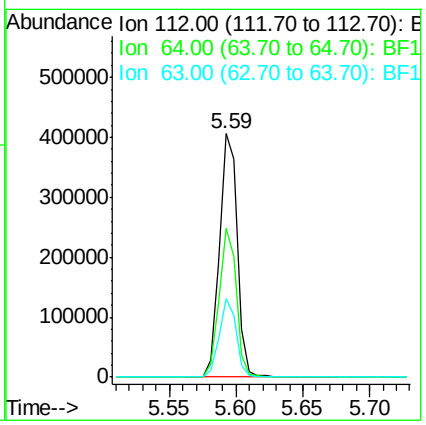


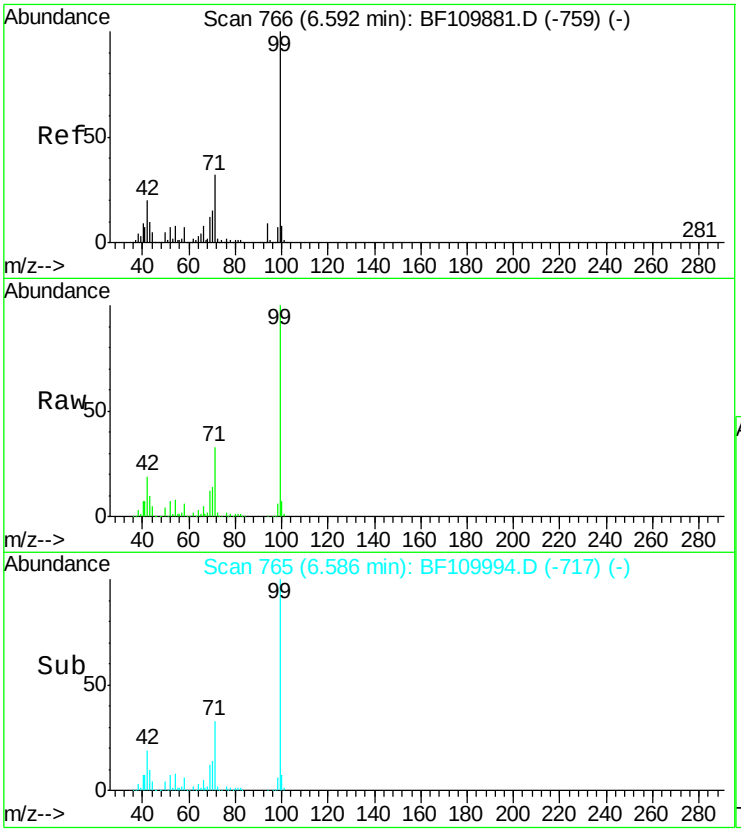


#5
2-Fluorophenol
Concen: 38.381 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109994.D
Acq: 19 Oct 2018 7:55

Tgt Ion:112 Resp: 383987

Ion	Ratio	Lower	Upper
112	100		
64	61.1	44.1	66.1
63	32.2	23.7	35.5



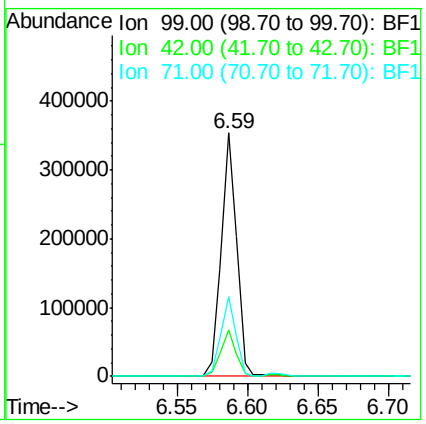


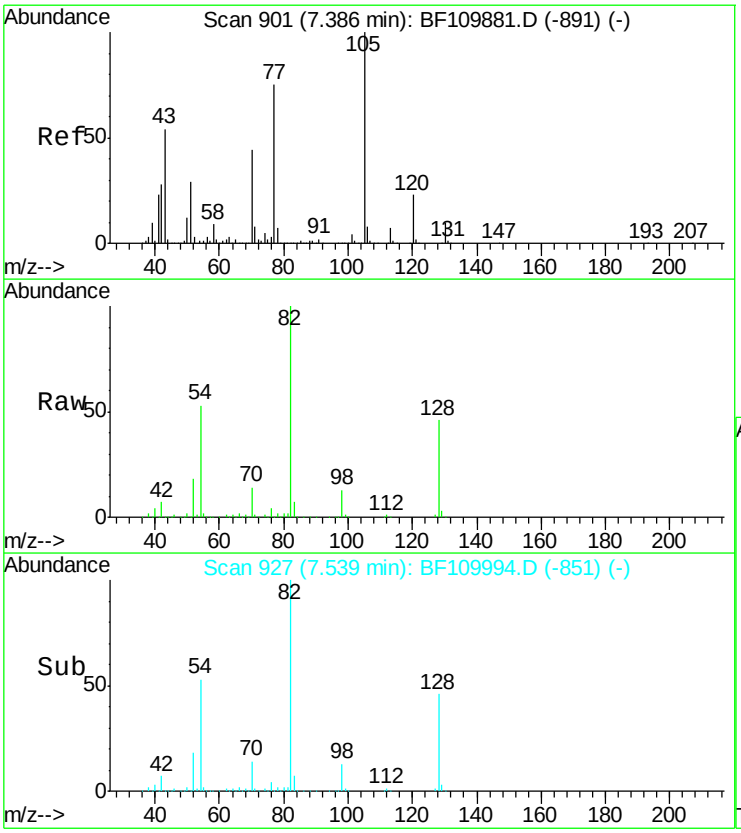
#7
Phenol-d6
Concen: 21.808 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF109994.D
Acq: 19 Oct 2018 7:55

Instrument :
BNA_F
ClientSampleId :
101618-DBRI-E-D-M

Tgt Ion: 99 Resp: 270926

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.8	23.6
71	32.8	28.0	42.0

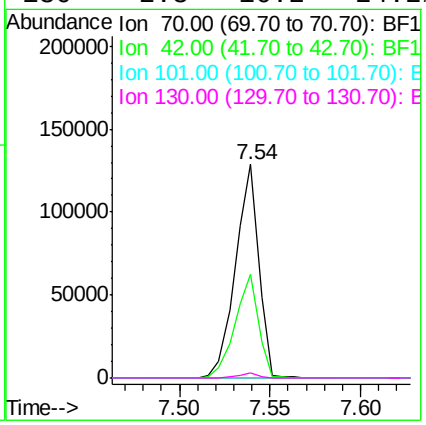


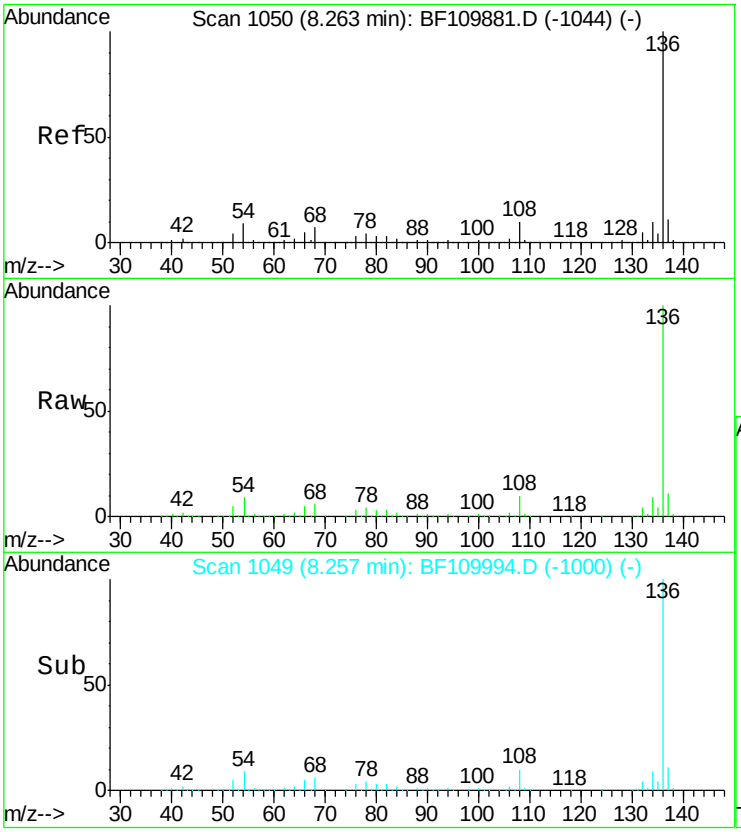


#19
n-Nitroso-di-n-propylamine
Concen: 14.370 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF109994.D
Acq: 19 Oct 2018 7:55

Tgt Ion: 70 Resp: 114625

Ion	Ratio	Lower	Upper
70	100		
42	48.5	47.4	71.2
101	0.0	7.3	10.9#
130	2.3	16.2	24.2#



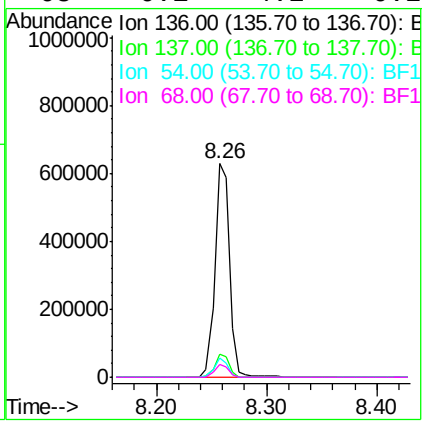


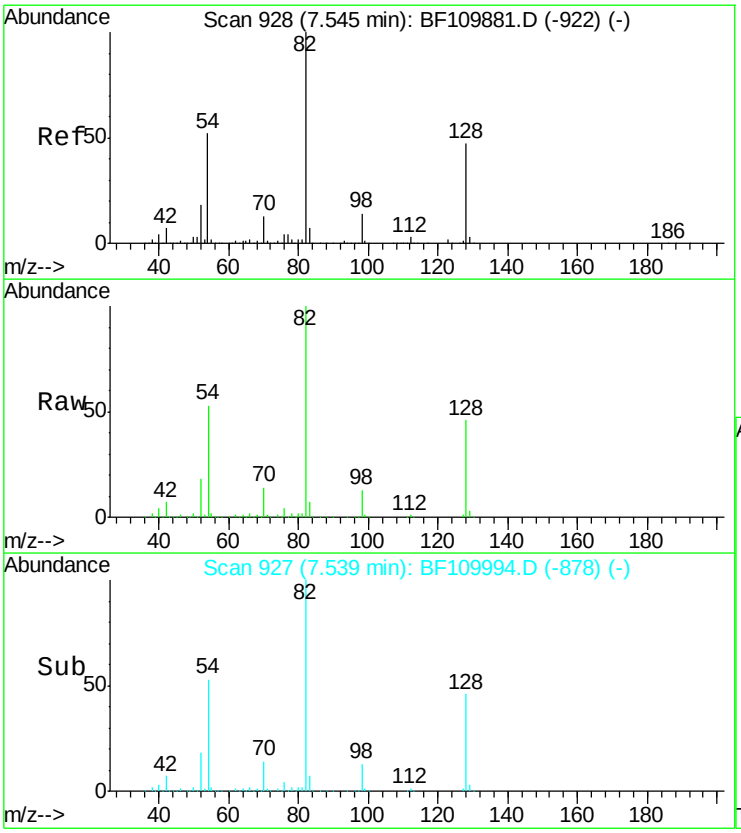
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109994.D
Acq: 19 Oct 2018 7:55

Instrument :
BNA_F
ClientSampleId :
101618-DBRI-E-D-M

Tgt Ion:136 Resp: 578475

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	9.1	5.4	8.2#
68	6.1	4.2	6.2

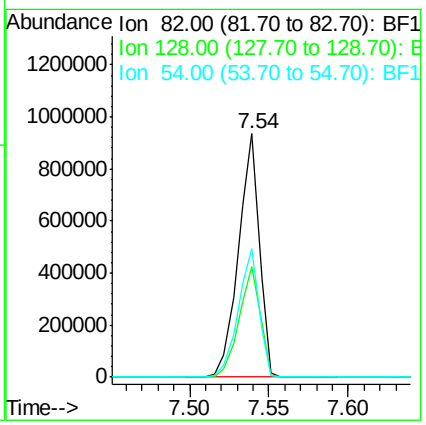


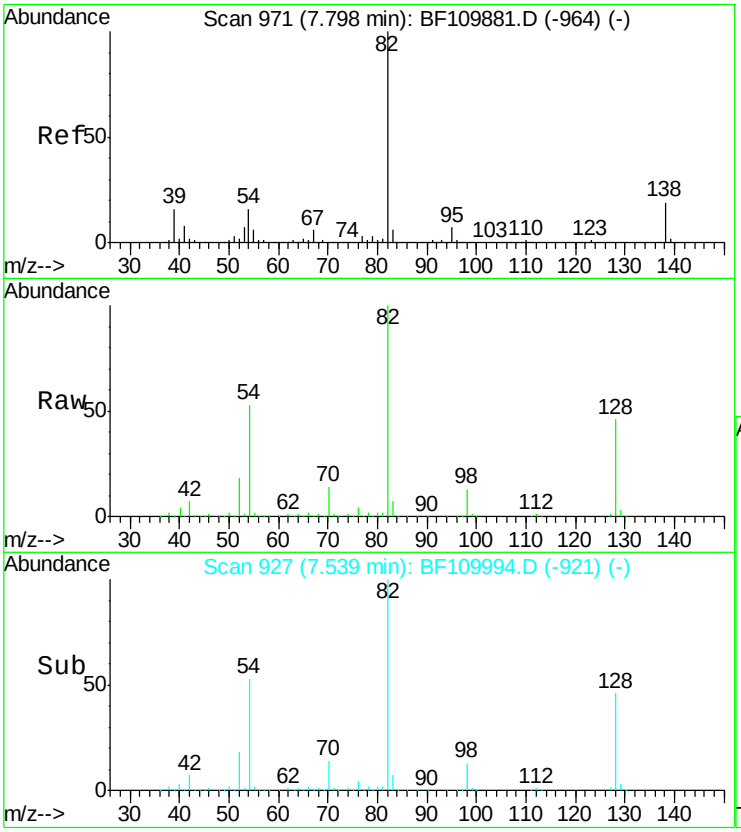


#23
Nitrobenzene-d5
Concen: 98.875 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109994.D
Acq: 19 Oct 2018 7:55

Tgt Ion: 82 Resp: 849074

Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.2	51.2
54	52.7	38.6	58.0



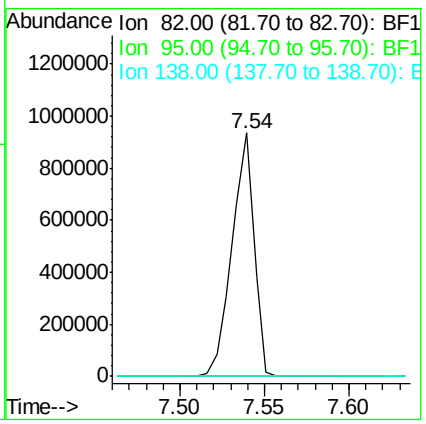


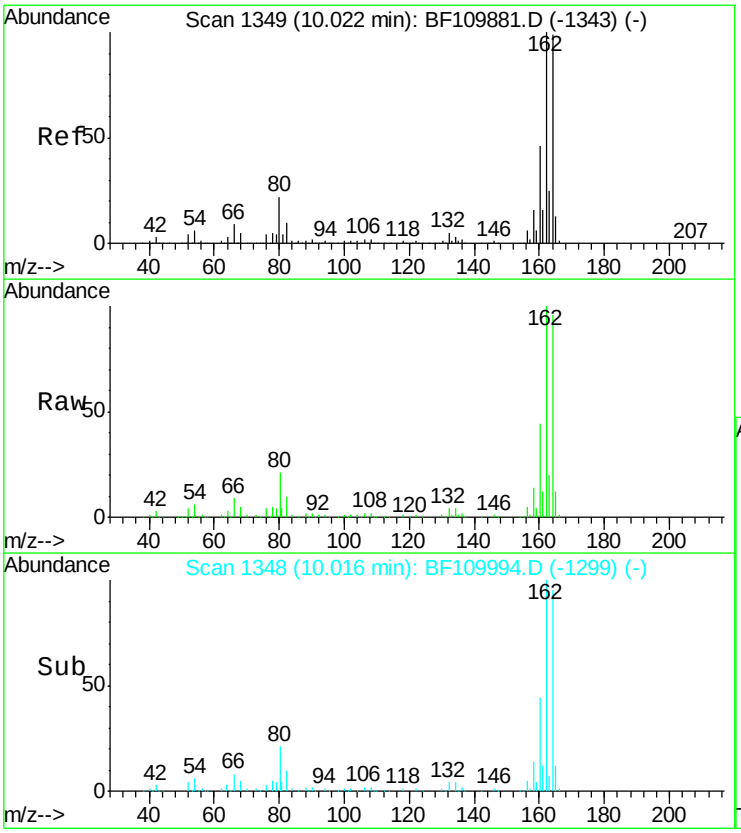
#25
Isophorone
Concen: 50.320 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.26 min
Lab File: BF109994.D
Acq: 19 Oct 2018 7:55

Instrument :
BNA_F
ClientSampleId :
101618-DBRI-E-D-M

Tgt Ion: 82 Resp: 849054

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

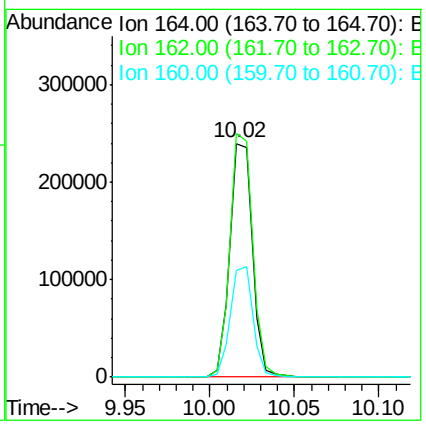


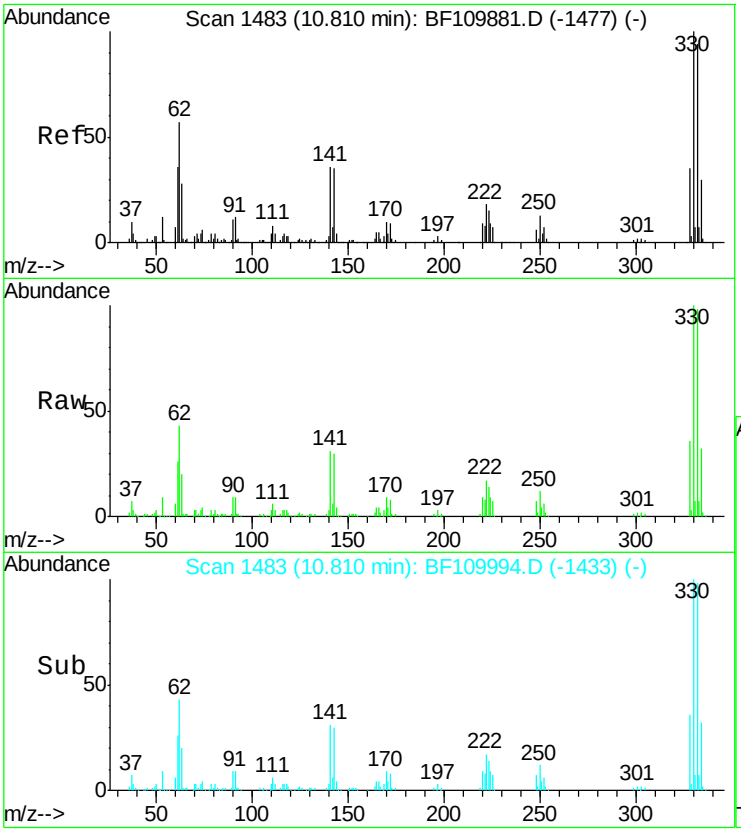


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF109994.D
Acq: 19 Oct 2018 7:55

Tgt Ion:164 Resp: 222140

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.0	124.6
160	45.6	37.0	55.6



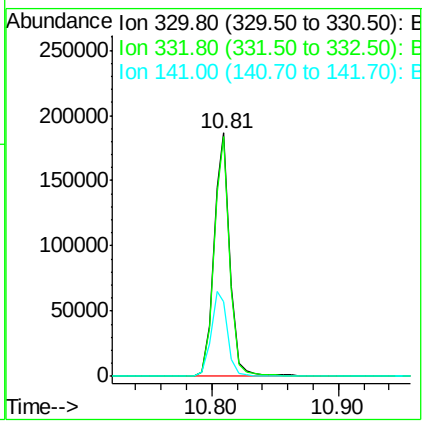


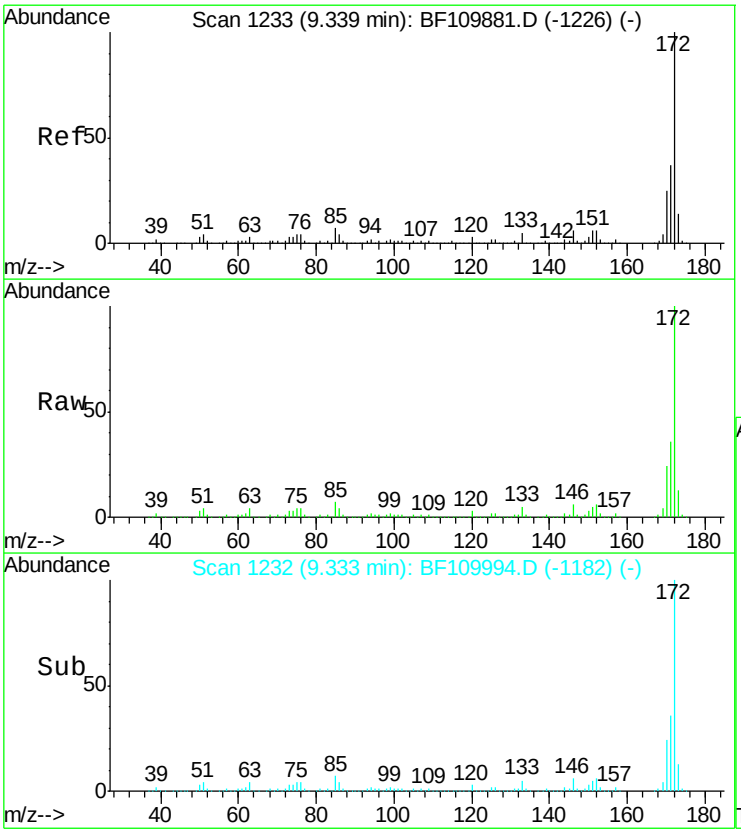
#42
2,4,6-Tribromophenol
Concen: 85.435 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF109994.D
Acq: 19 Oct 2018 7:55

Instrument :
BNA_F
ClientSampleId :
101618-DBRI-E-D-M

Tgt Ion:330 Resp: 164311

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.1	115.7
141	36.4	27.0	40.4

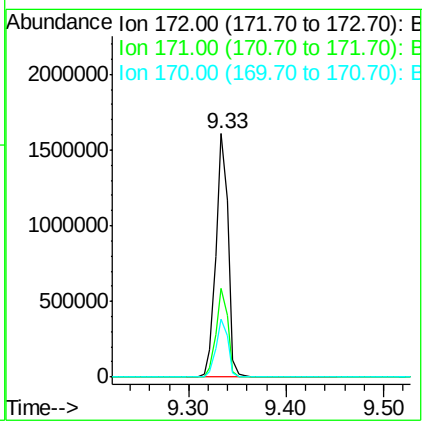


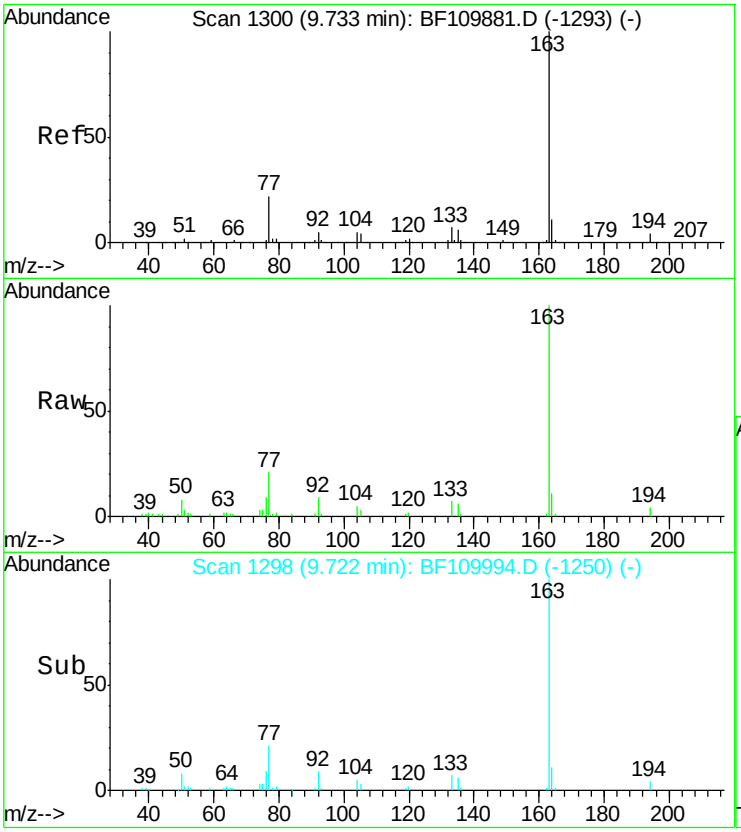


#45
2-Fluorobiphenyl
Concen: 99.798 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109994.D
Acq: 19 Oct 2018 7:55

Tgt Ion:172 Resp: 1389348

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.0	19.7	29.5



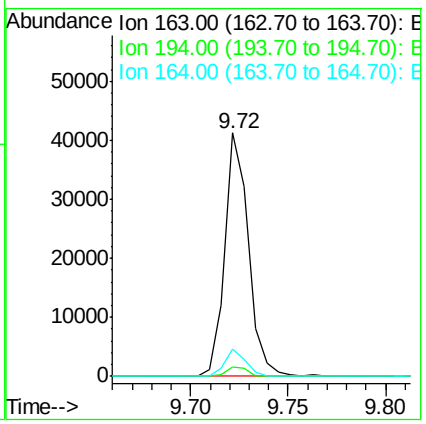


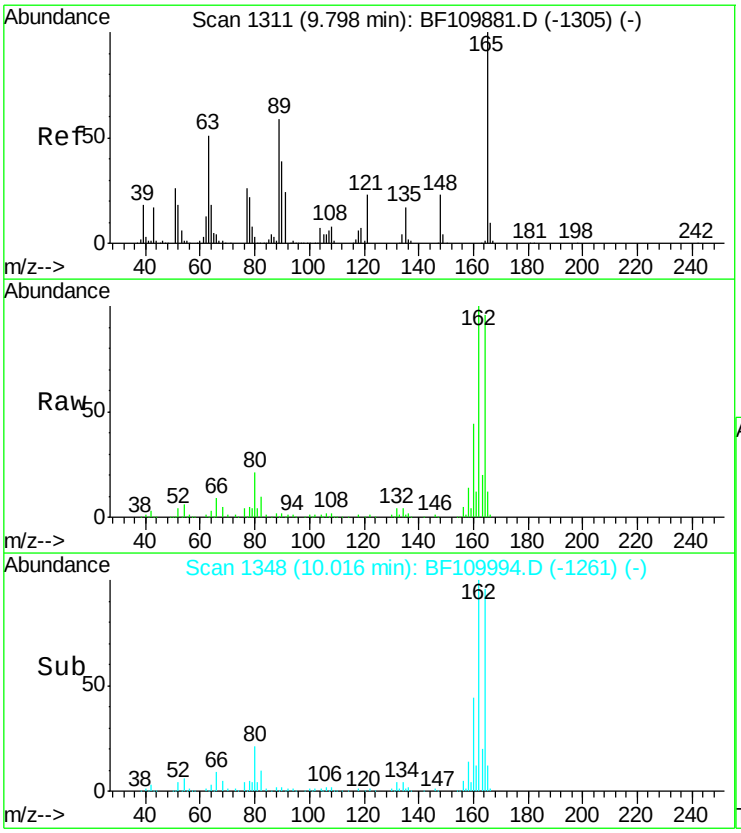
#50
Dimethylphthalate
Concen: 2.209 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF109994.D
Acq: 19 Oct 2018 7:55

Instrument :
BNA_F
ClientSampleId :
101618-DBRI-E-D-M

Tgt Ion:163 Resp: 34744

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	11.0	8.1	12.1

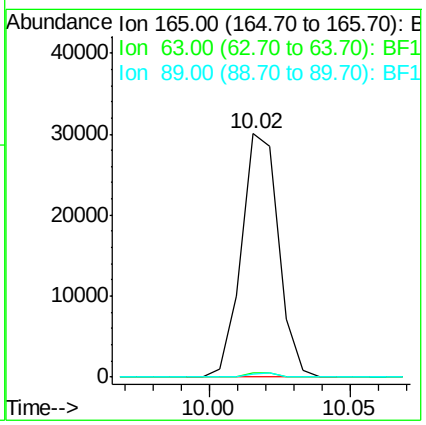


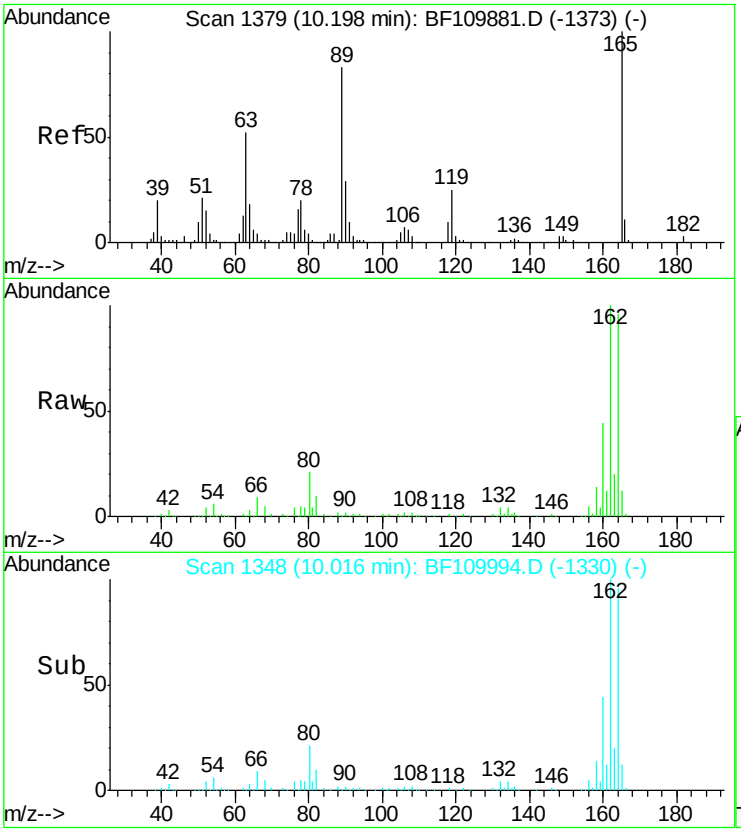


#51
2,6-Dinitrotoluene
Concen: 9.173 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.21 min
Lab File: BF109994.D
Acq: 19 Oct 2018 7:55

Tgt Ion:165 Resp: 27404

Ion	Ratio	Lower	Upper
165	100		
63	1.5	48.9	73.3#
89	1.2	46.6	69.8#



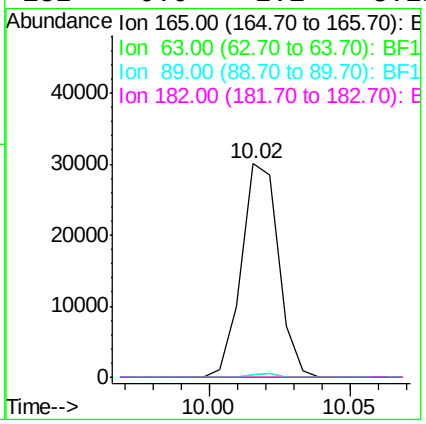


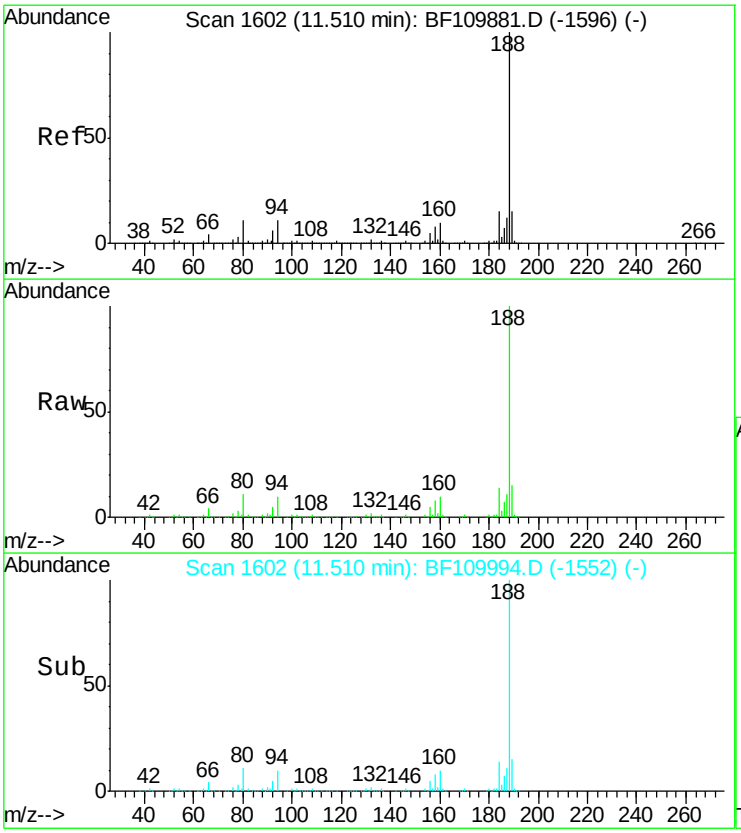
#57
2,4-Dinitrotoluene
Concen: 11.151 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.19 min
Lab File: BF109994.D
Acq: 19 Oct 2018 7:55

Instrument :
BNA_F
ClientSampleId :
101618-DBRI-E-D-M

Tgt Ion:165 Resp: 27404

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.8	67.2#
89	1.2	62.2	93.4#
182	0.0	2.1	3.1#

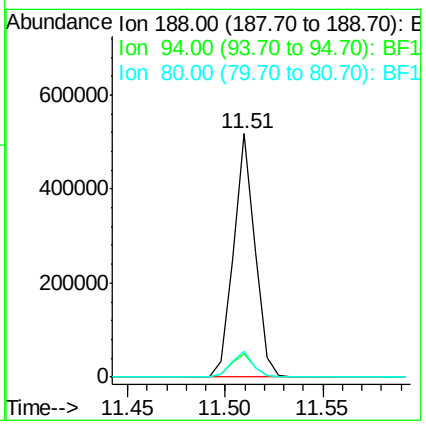


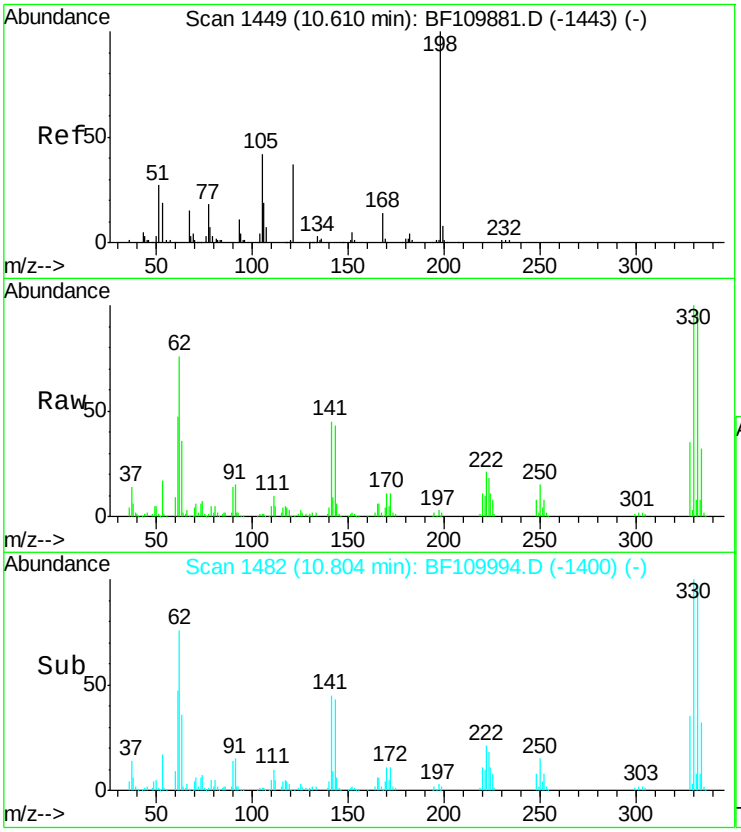


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109994.D
Acq: 19 Oct 2018 7:55

Tgt Ion:188 Resp: 395450

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	10.7	7.9	11.9



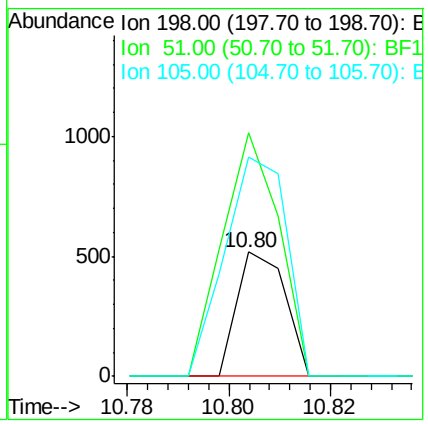


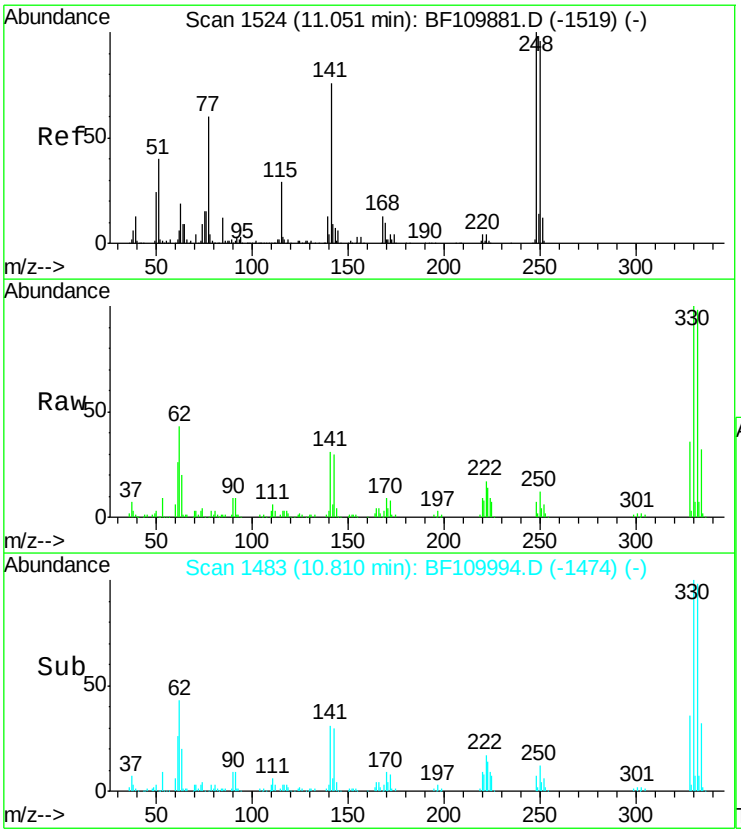
#65
4,6-Dinitro-2-methylphenol
Concen: 8.103 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.18 min
Lab File: BF109994.D
Acq: 19 Oct 2018 7:55

Instrument :
BNA_F
ClientSampleId :
101618-DBRI-E-D-M

Tgt Ion:198 Resp: 341

Ion	Ratio	Lower	Upper
198	100		
51	195.6	22.8	62.8#
105	176.1	23.6	63.6#

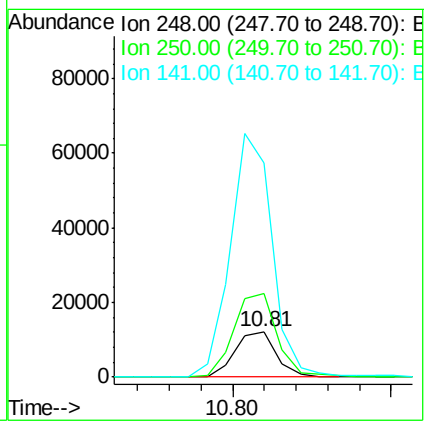


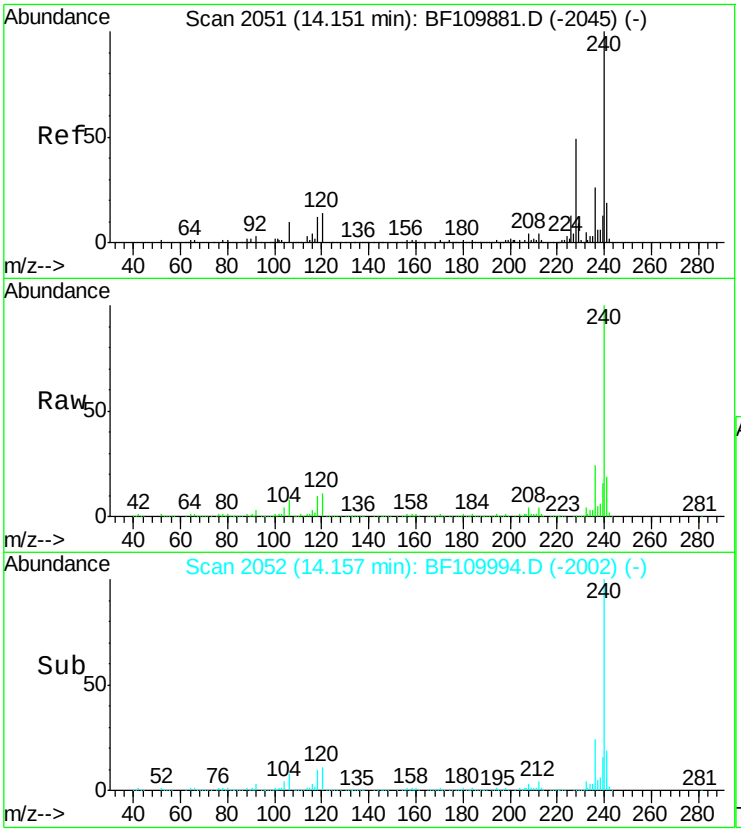


#67
4-Bromophenyl-phenylether
Concen: 2.538 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.25 min
Lab File: BF109994.D
Acq: 19 Oct 2018 7:55

Tgt Ion:248 Resp: 10879

Ion	Ratio	Lower	Upper
248	100		
250	184.3	79.4	119.2#
141	470.2	55.9	83.9#



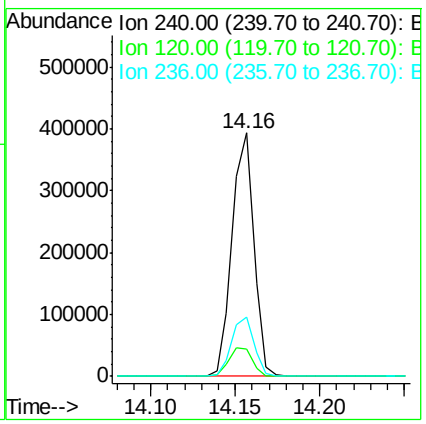


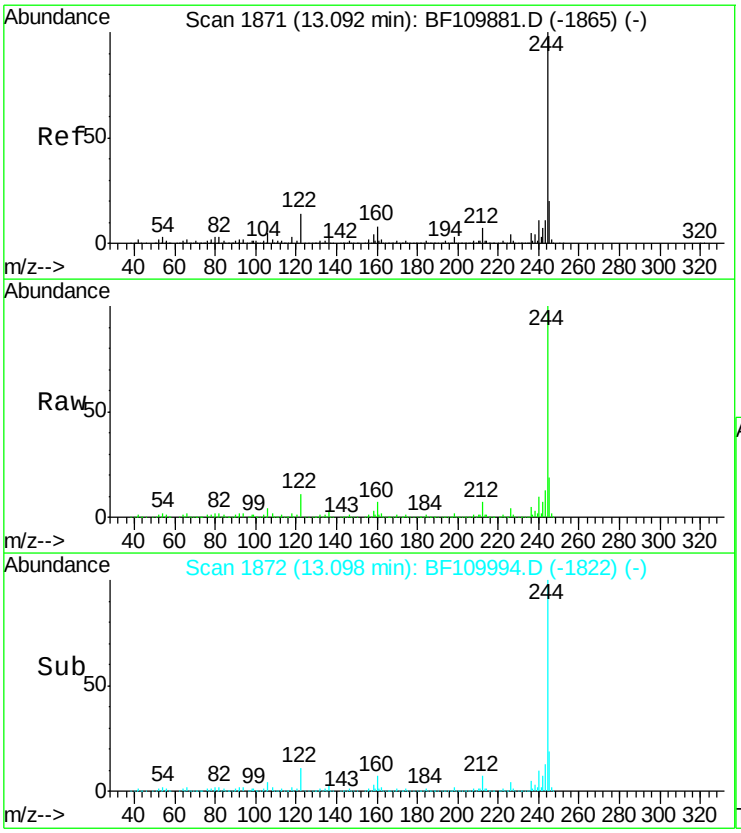
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF109994.D
Acq: 19 Oct 2018 7:55

Instrument :
BNA_F
ClientSampleId :
101618-DBRI-E-D-M

Tgt Ion:240 Resp: 353347

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.3	12.5
236	24.4	21.2	31.8

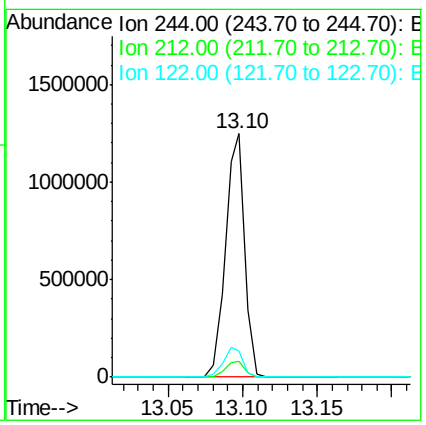


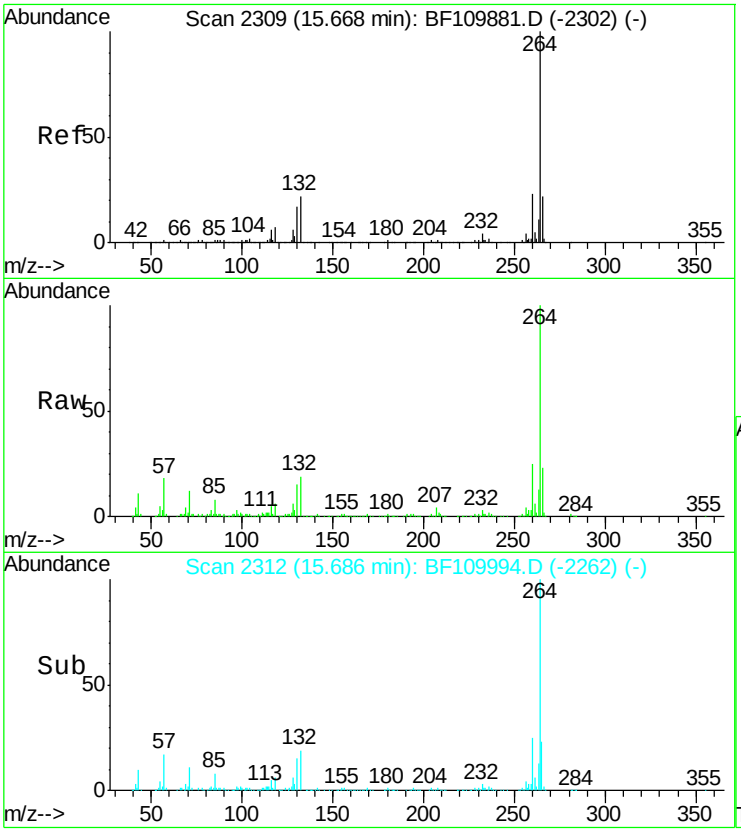


#79
Terphenyl-d14
Concen: 67.300 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BF109994.D
Acq: 19 Oct 2018 7:55

Tgt Ion:244 Resp: 1132438

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	10.9	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: BF109994.D
Acq: 19 Oct 2018 7:55

Instrument :
BNA_F
ClientSampleId :
101618-DBRI-E-D-M

Tgt Ion:264 Resp: 252936

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	22.8	16.7	25.1