Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
Data File : BF110069.D
Acq On : 23 Oct 2018 1:17
Operator : JU/SJ
Sample : PB114045BL
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 23 05:02:45 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	175013	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	688238	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	304959	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	490537	20.00	ng		-0.01
76) Chrysene-d12	14.14	240	313460	20.00	ng		-0.02
87) Perylene-d12	15.67	264	249077	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	942973	85.41	ng		0.00
7) Phenol-d6	6.59	99	1171331	85.44	ng		-0.02
23) Nitrobenzene-d5	7.53	82	1052671	103.03	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	211441	80.08	ng		-0.02
45) 2-Fluorobiphenyl	9.33	172	1839796	96.26	ng		-0.01
79) Terphenyl-d14	13.09	244	1449658	97.12	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.74	77	21337	2.395	ng		83
19) n-Nitroso-di-n-propylamine	7.53	70	138906	15.780	ng	#	83
25) Isophorone	7.53	82	1052654	52.437	ng	#	67
51) 2,6-Dinitrotoluene	10.01	165	37937	9.250	ng	#	23
57) 2,4-Dinitrotoluene	10.01	165	37937	11.206	ng	#	19
65) 4,6-Dinitro-2-methylphenol	10.80	198	366	8.077	ng	#	1
67) 4-Bromophenyl-phenylether	10.80	248	13132	2.470	ng	#	1

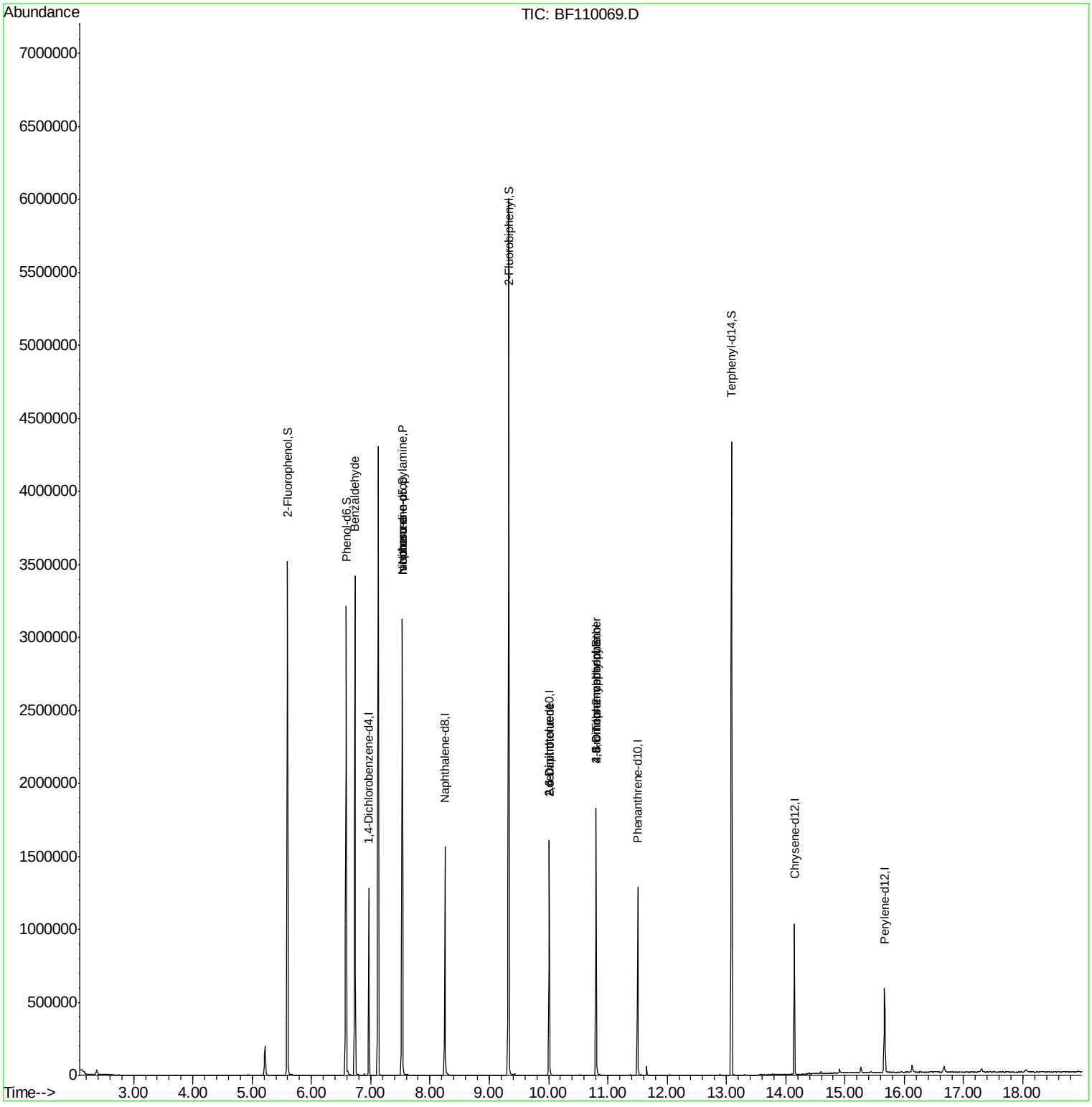
(#) = qualifier out of range (m) = manual integration (+) = signals summed

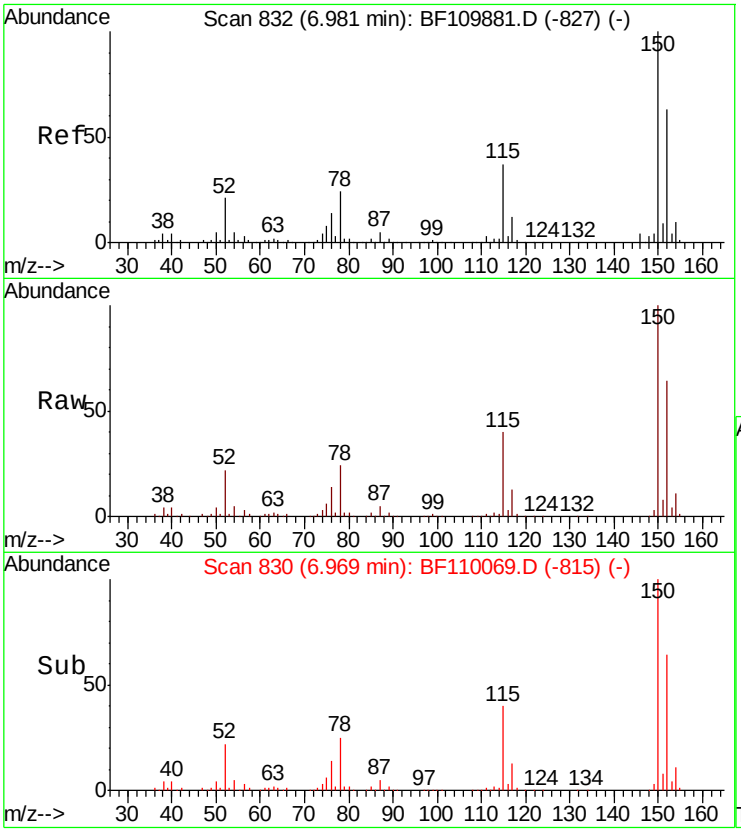
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
Data File : BF110069.D
Acq On : 23 Oct 2018 1:17
Operator : JU/SJ
Sample : PB114045BL
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 23 05:02:45 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



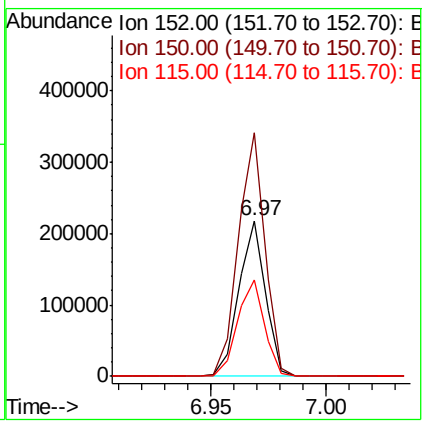


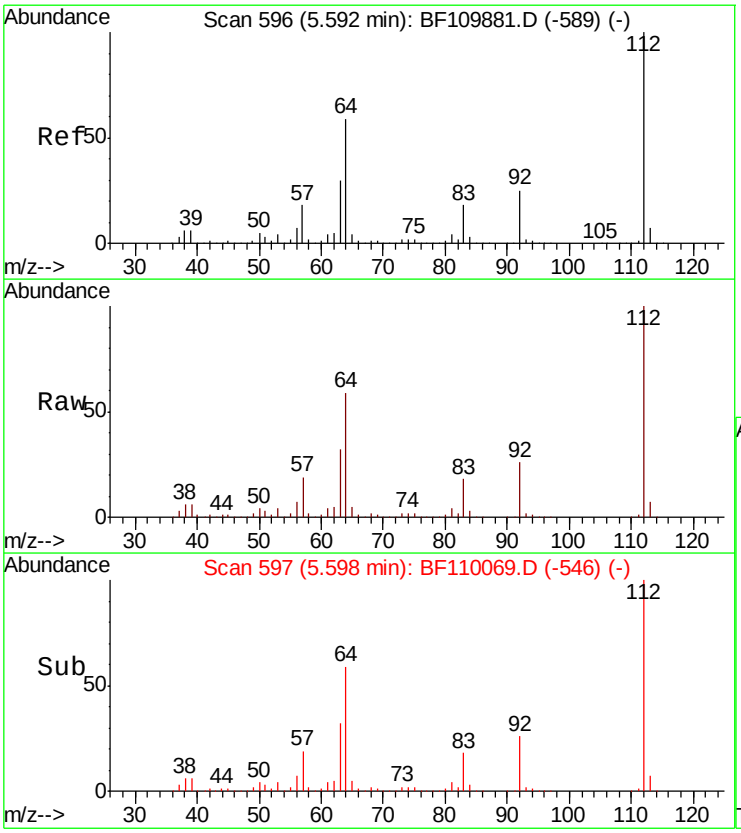
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110069.D
Acq: 23 Oct 2018 1:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 175013

Ion	Ratio	Lower	Upper
152	100		
150	156.2	122.7	184.1
115	62.2	49.1	73.7

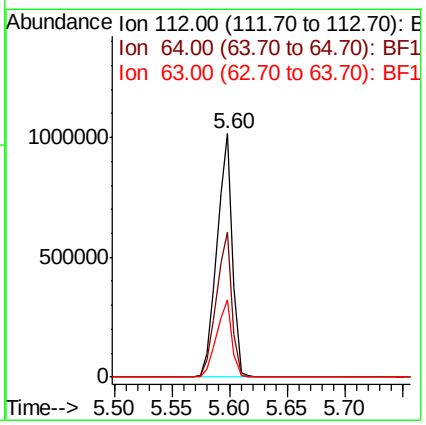


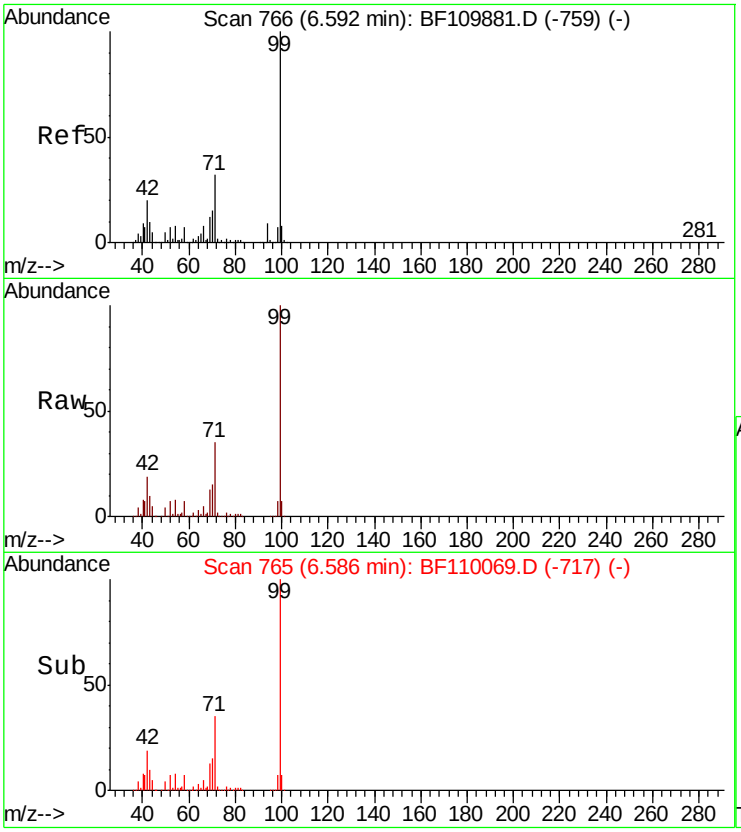


#5
2-Fluorophenol
Concen: 85.407 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF110069.D
Acq: 23 Oct 2018 1:17

Tgt Ion:112 Resp: 942973

Ion	Ratio	Lower	Upper
112	100		
64	59.3	44.1	66.1
63	31.8	23.7	35.5



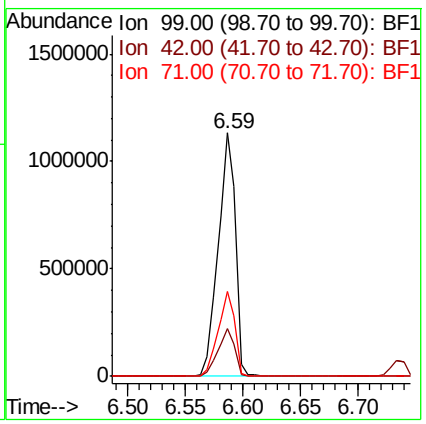


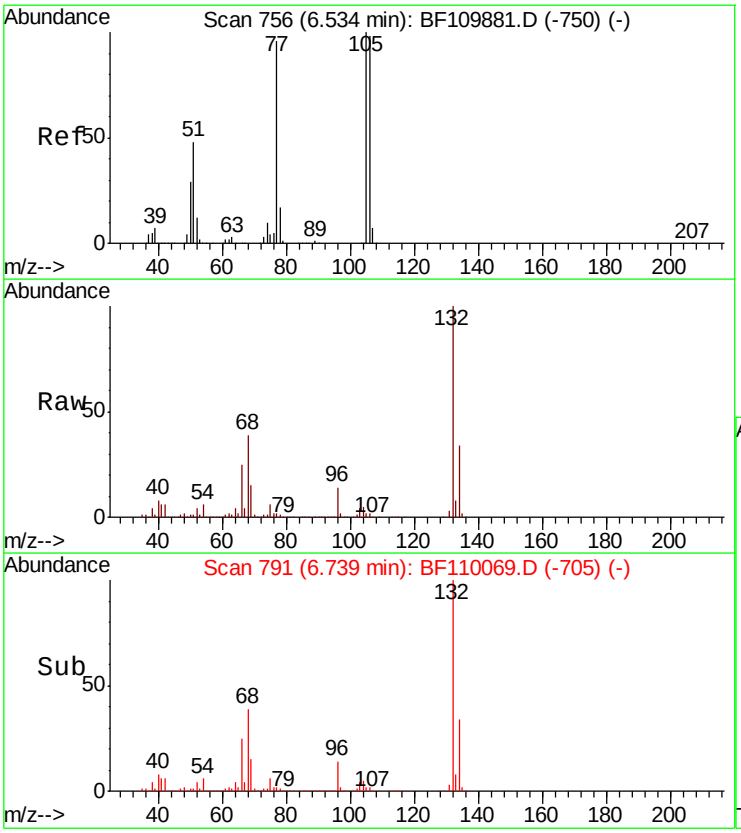
#7
Phenol-d6
Concen: 85.437 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF110069.D
Acq: 23 Oct 2018 1:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1171331

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.8	23.6
71	34.7	28.0	42.0

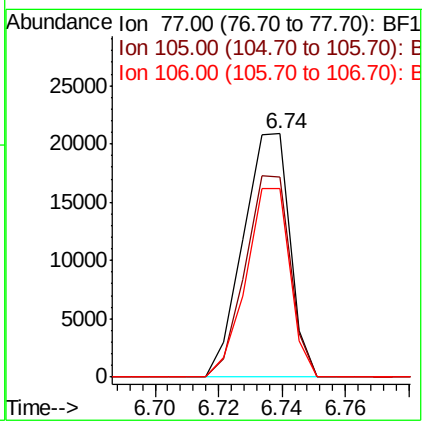


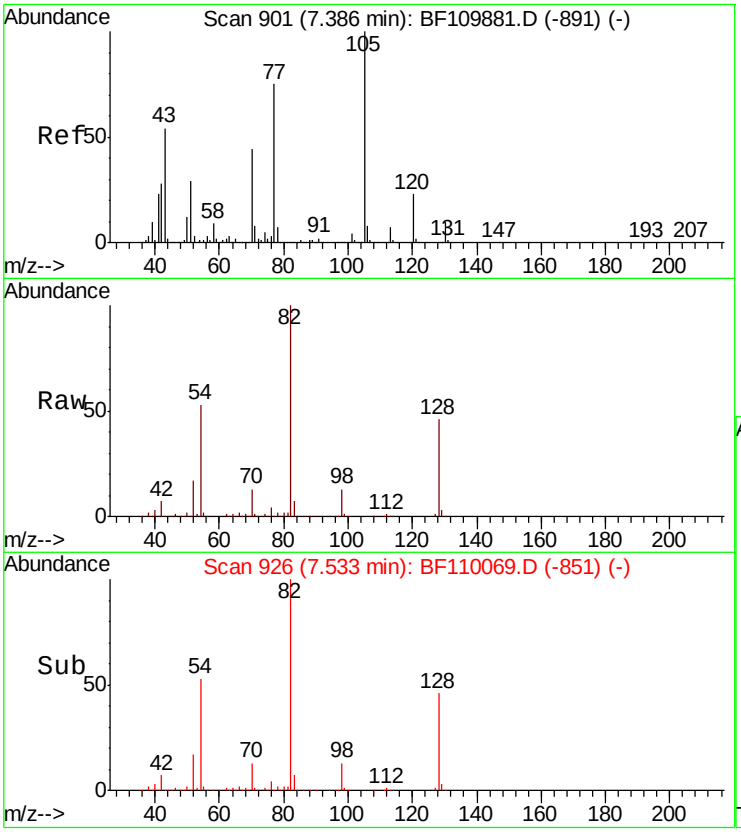


#9
Benzaldehyde
Concen: 2.395 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.21 min
Lab File: BF110069.D
Acq: 23 Oct 2018 1:17

Tgt Ion: 77 Resp: 21337

Ion	Ratio	Lower	Upper
77	100		
105	82.4	78.6	118.6
106	77.2	74.8	114.8



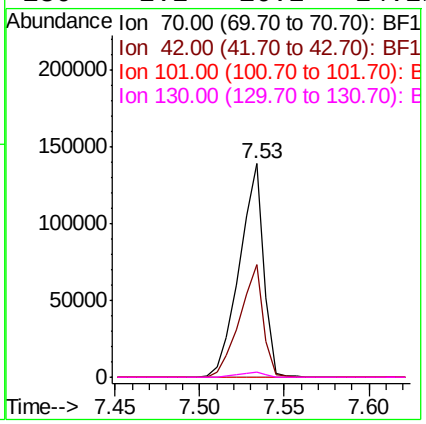


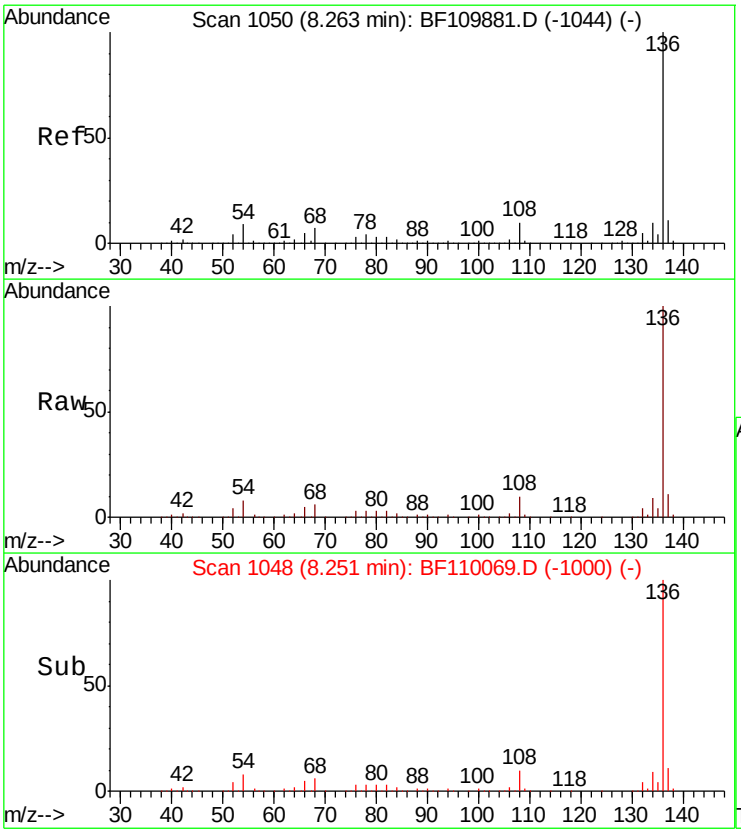
#19
n-Nitroso-di-n-propylamine
Concen: 15.780 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF110069.D
Acq: 23 Oct 2018 1:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 138906

Ion	Ratio	Lower	Upper
70	100		
42	52.6	47.4	71.2
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#

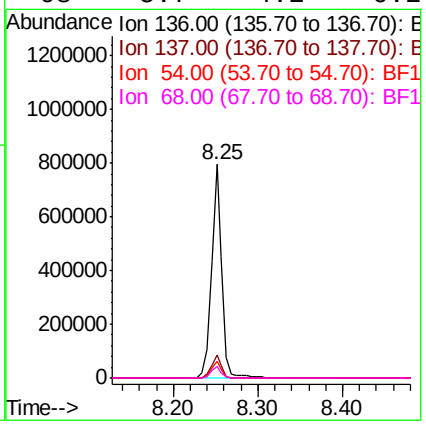


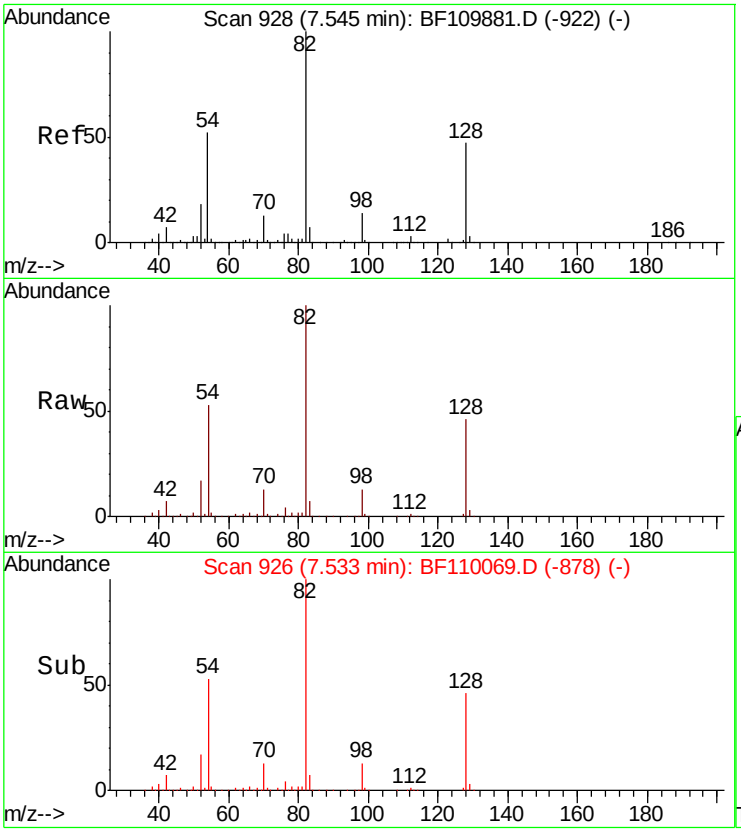


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110069.D
Acq: 23 Oct 2018 1:17

Tgt Ion:136 Resp: 688238

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.0	5.4	8.2
68	5.7	4.2	6.2



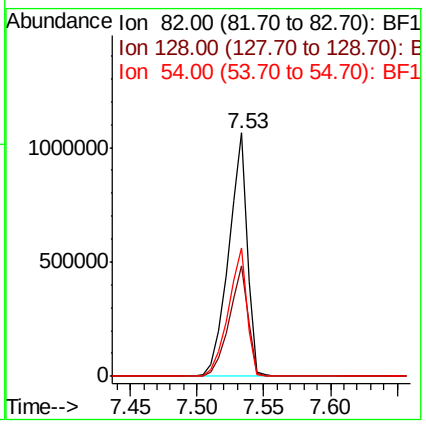


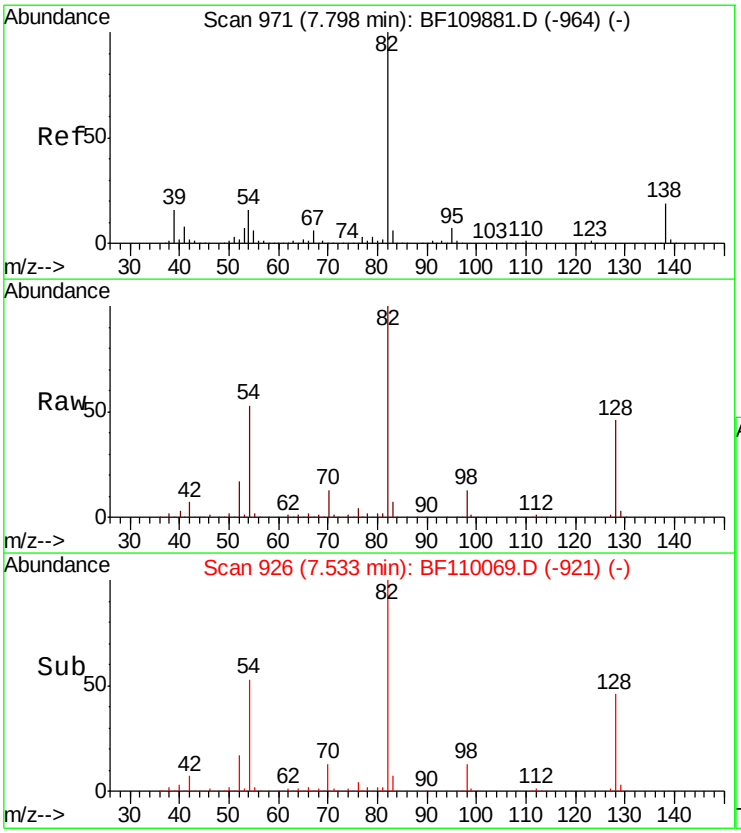
#23
Nitrobenzene-d5
Concen: 103.034 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110069.D
Acq: 23 Oct 2018 1:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1052671

Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.2	51.2
54	52.8	38.6	58.0

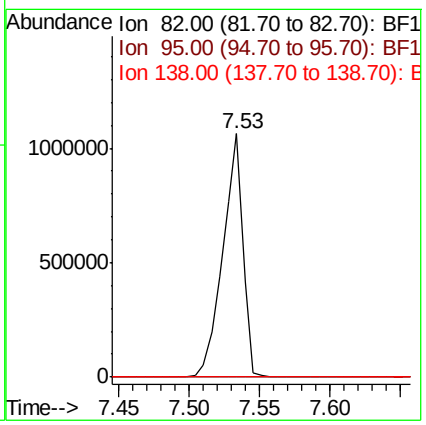


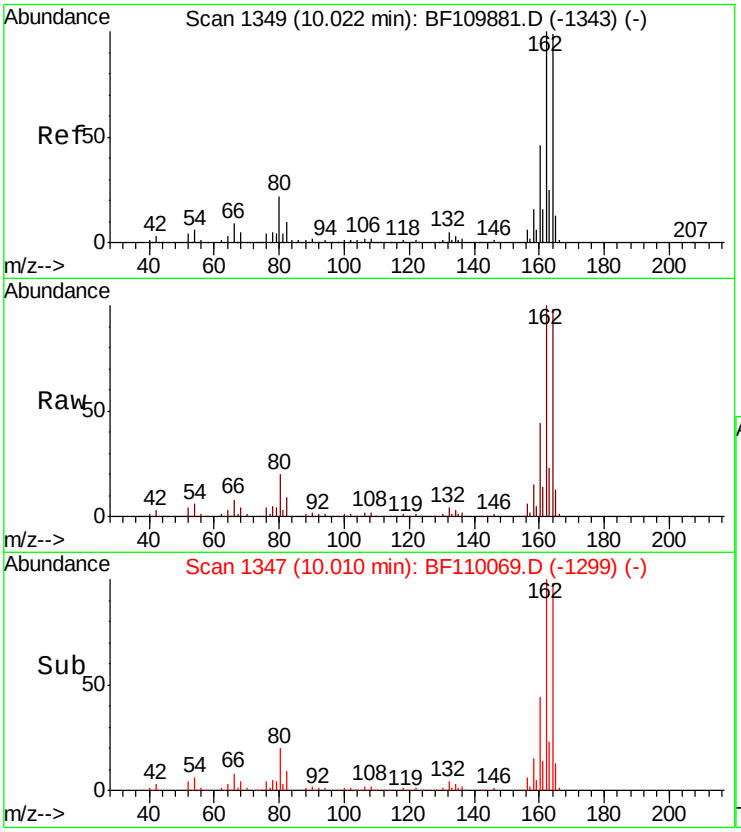


#25
Isophorone
Concen: 52.437 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF110069.D
Acq: 23 Oct 2018 1:17

Tgt Ion: 82 Resp: 1052654

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



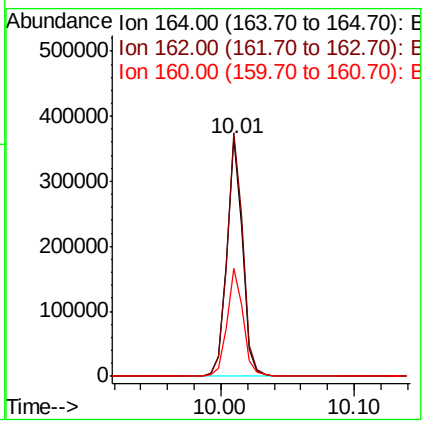


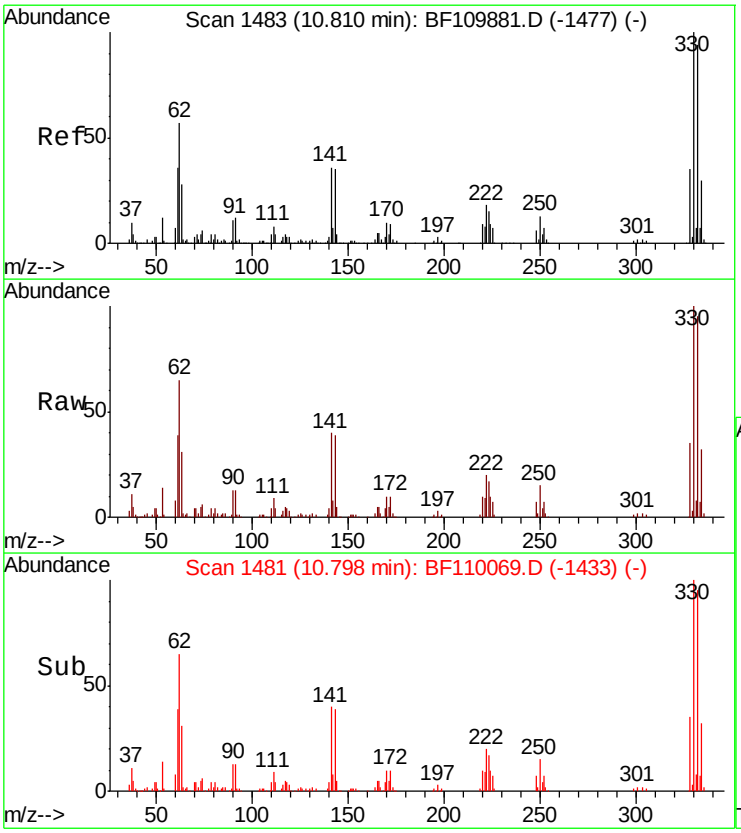
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110069.D
Acq: 23 Oct 2018 1:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 304959

Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.0	124.6
160	45.3	37.0	55.6

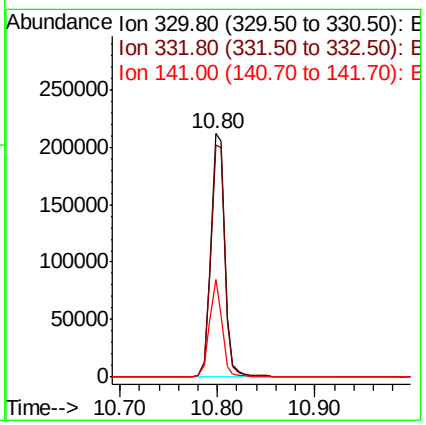


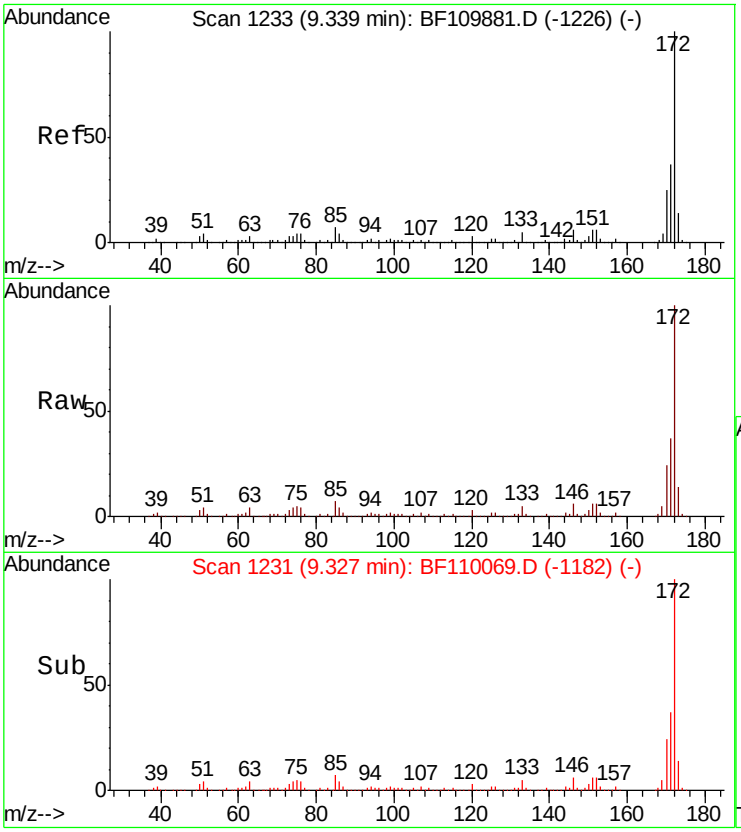


#42
2,4,6-Tribromophenol
Concen: 80.084 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF110069.D
Acq: 23 Oct 2018 1:17

Tgt Ion:330 Resp: 211441

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	35.6	27.0	40.4



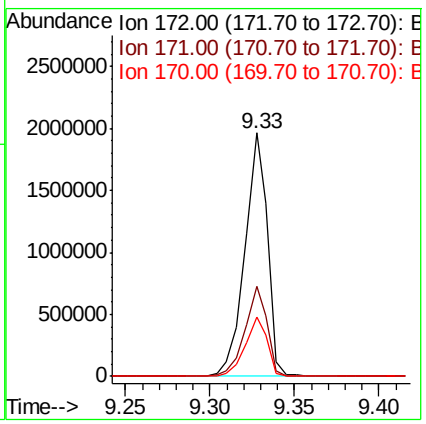


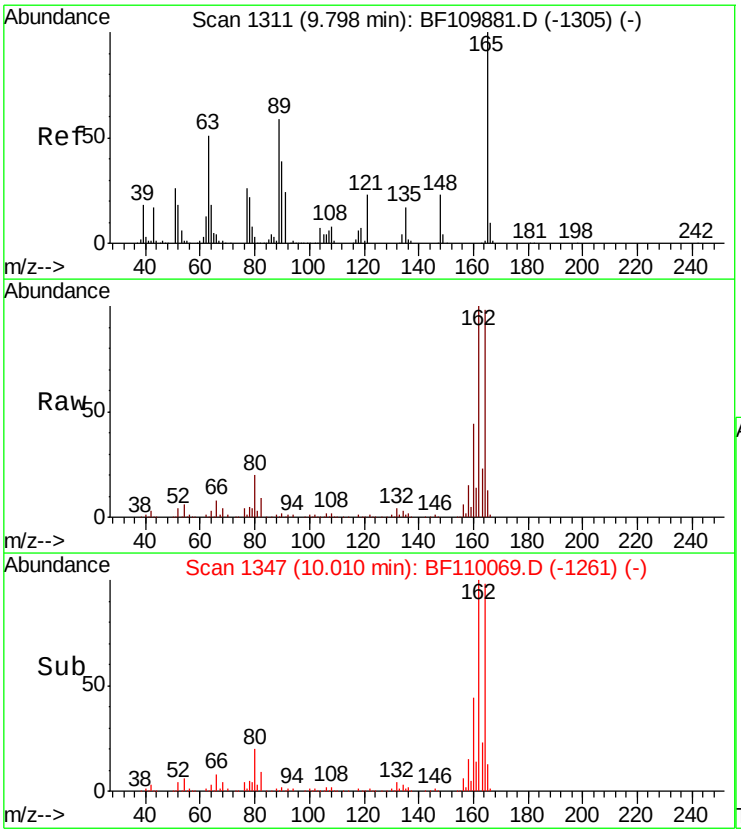
#45
2-Fluorobiphenyl
Concen: 96.265 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110069.D
Acq: 23 Oct 2018 1:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1839796

Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.6	43.0
170	24.3	19.7	29.5

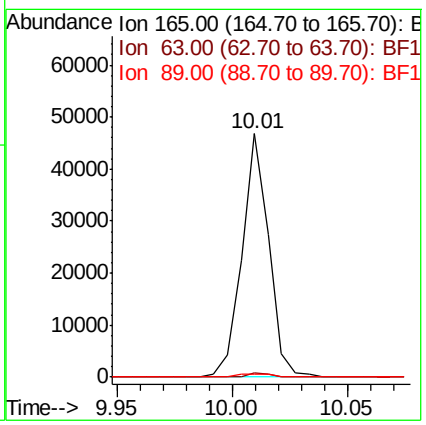


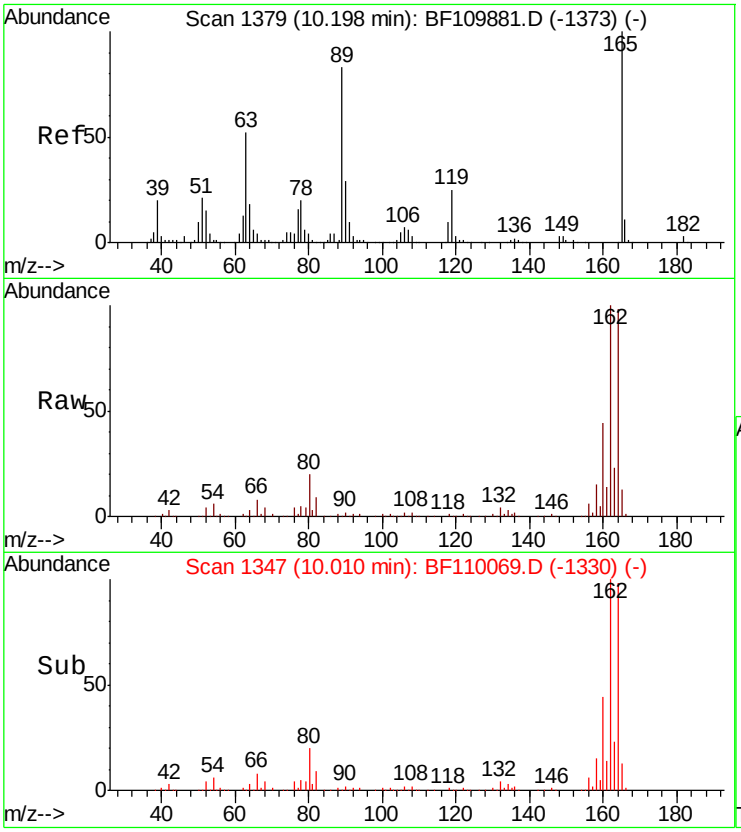


#51
2,6-Dinitrotoluene
Concen: 9.250 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110069.D
Acq: 23 Oct 2018 1:17

Tgt Ion:165 Resp: 37937

Ion	Ratio	Lower	Upper
165	100		
63	1.6	48.9	73.3#
89	1.2	46.6	69.8#



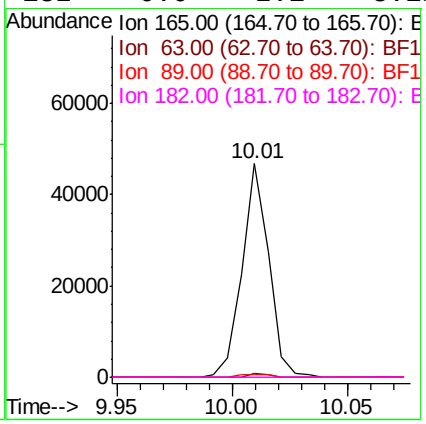


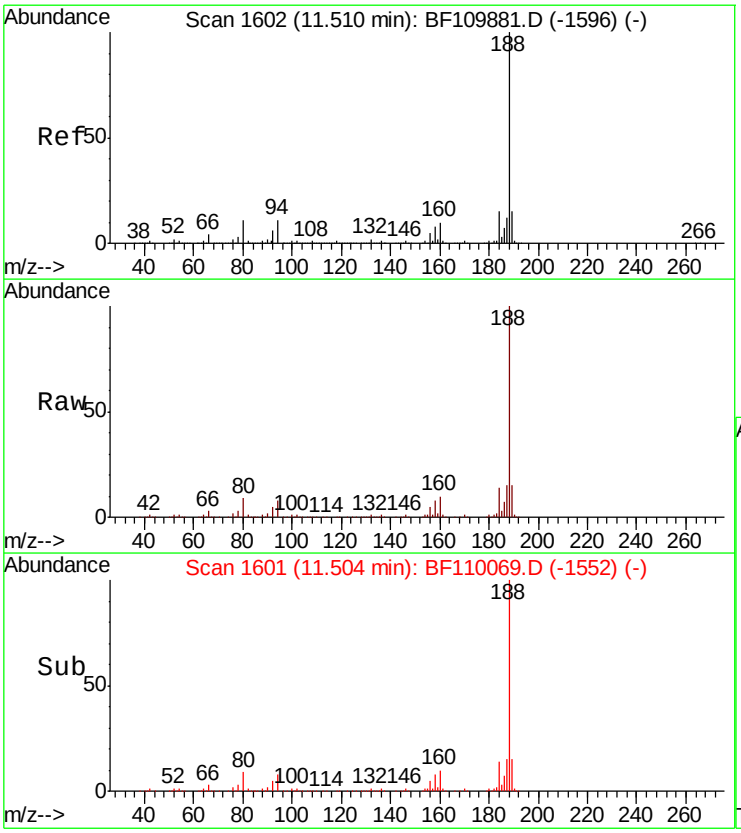
#57
2,4-Dinitrotoluene
Concen: 11.206 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110069.D
Acq: 23 Oct 2018 1:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 37937

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.8	67.2#
89	1.2	62.2	93.4#
182	0.0	2.1	3.1#

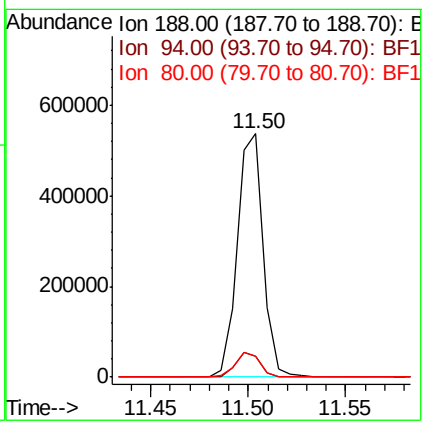


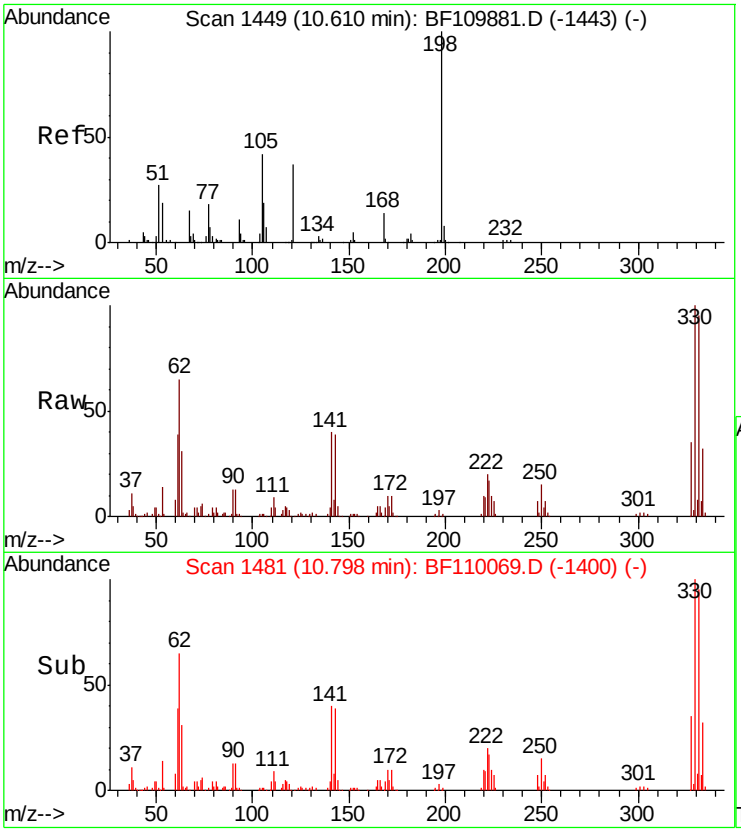


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110069.D
Acq: 23 Oct 2018 1:17

Tgt Ion:188 Resp: 490537

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	8.8	7.9	11.9



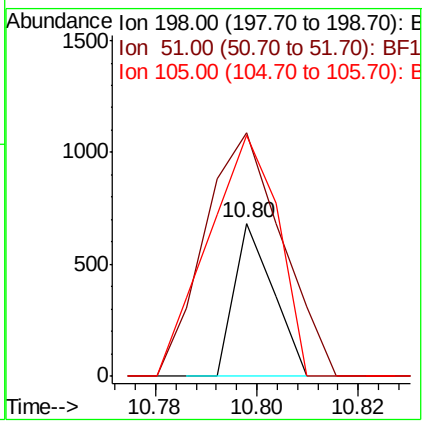


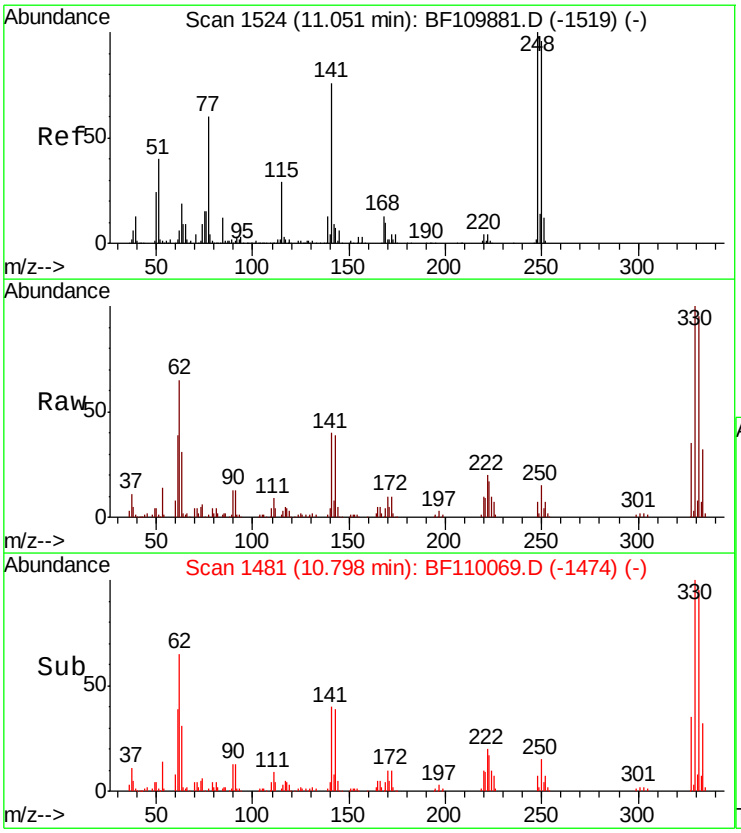
#65
4,6-Dinitro-2-methylphenol
Concen: 8.077 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.18 min
Lab File: BF110069.D
Acq: 23 Oct 2018 1:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 366

Ion	Ratio	Lower	Upper
198	100		
51	159.3	22.8	62.8#
105	157.5	23.6	63.6#

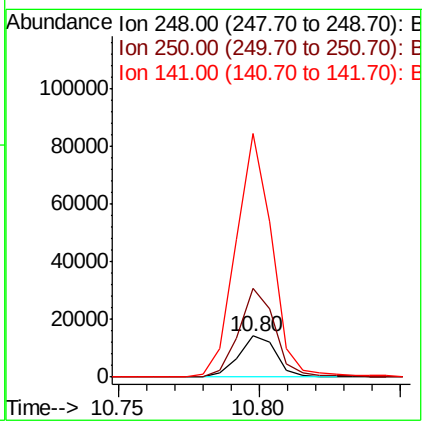


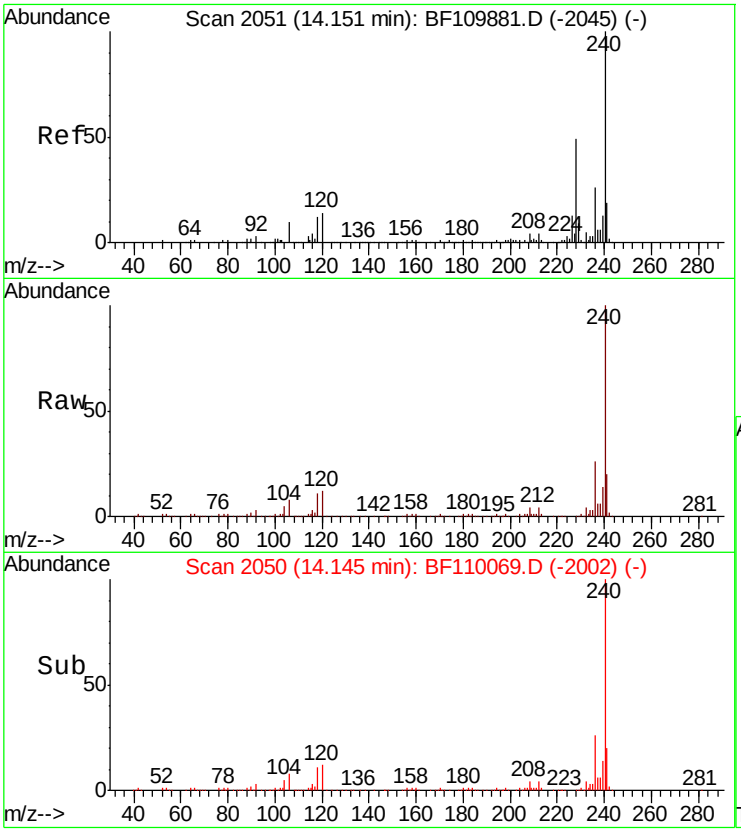


#67
4-Bromophenyl-phenylether
Concen: 2.470 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.26 min
Lab File: BF110069.D
Acq: 23 Oct 2018 1:17

Tgt Ion:248 Resp: 13132

Ion	Ratio	Lower	Upper
248	100		
250	215.1	79.4	119.2#
141	589.2	55.9	83.9#



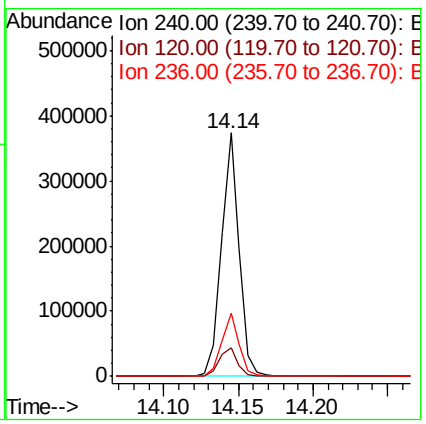


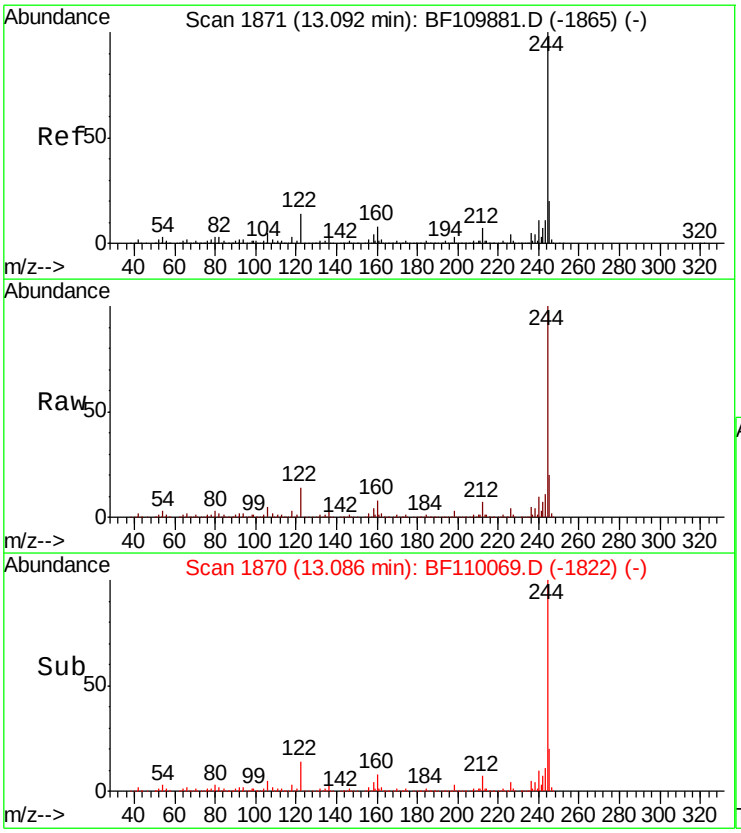
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110069.D
Acq: 23 Oct 2018 1:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 313460

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.3	12.5
236	26.0	21.2	31.8

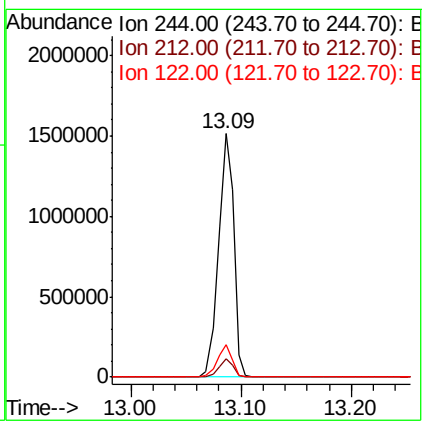


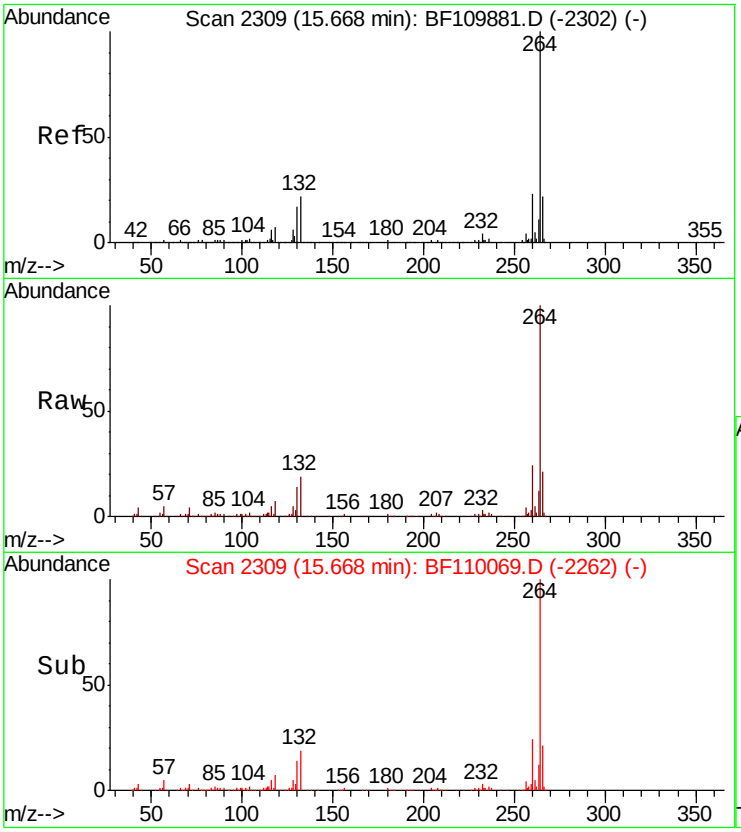


#79
Terphenyl-d14
Concen: 97.115 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110069.D
Acq: 23 Oct 2018 1:17

Tgt Ion:244 Resp: 1449658

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	13.6	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: BF110069.D
Acq: 23 Oct 2018 1:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 249077

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.5	16.7	25.1