Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
Data File : BF110008.D
Acq On : 19 Oct 2018 17:48
Operator : JU/SJ
Sample : J5593-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 20 00:08:12 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	228899	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	954641	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	446264	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	783020	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	532952	20.00	ng	-0.02
87) Perylene-d12	15.67	264	375682	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	540352	37.42	ng	-0.01
7) Phenol-d6	6.58	99	409291	22.83	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1458645	102.93	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	359813	93.13	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	2435729	87.09	ng	-0.01
79) Terphenyl-d14	13.09	244	2142745	84.43	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.73	77	23403	2.008	ng	# 79
19) n-Nitroso-di-n-propylamine	7.53	70	195601	16.989	ng	# 81
25) Isophorone	7.53	82	1454528	52.236	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	56611	9.432	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	56611	11.337	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	832	8.149	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	22876	2.696	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
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Acq On : 19 Oct 2018 17:48
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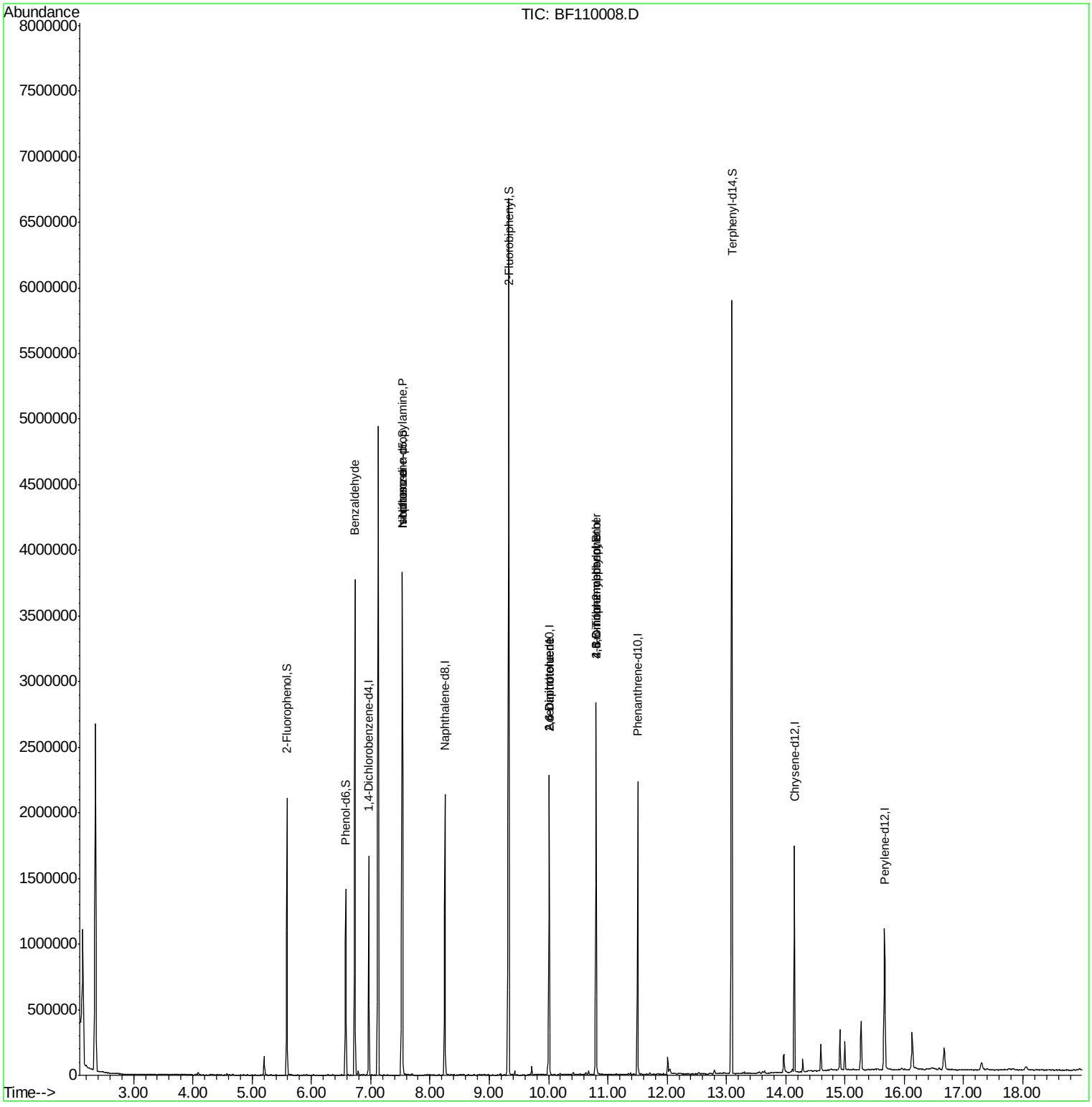
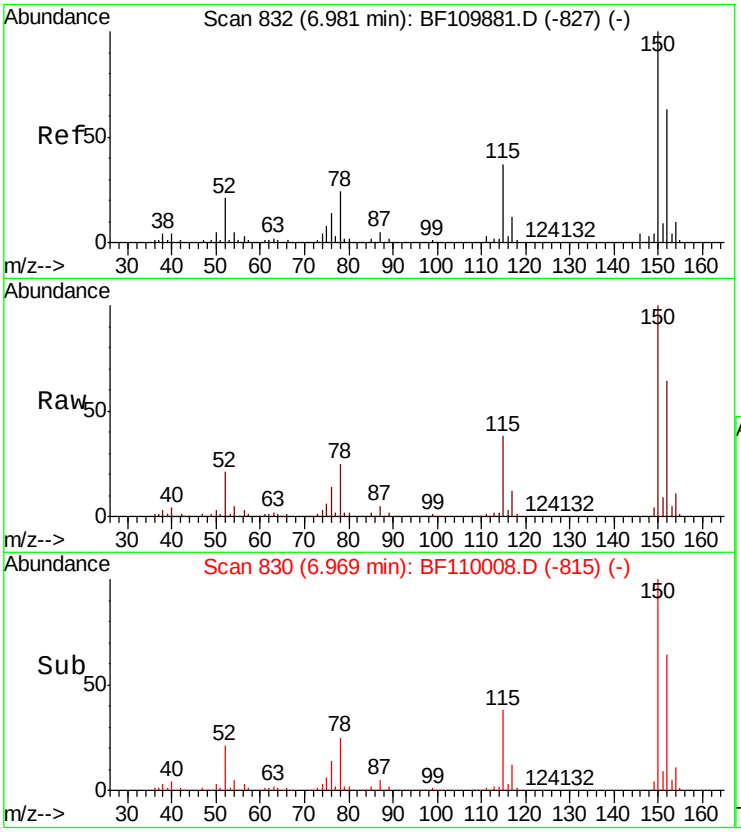
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 20 00:08:12 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



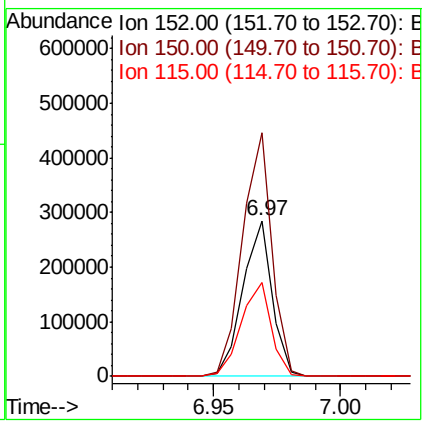


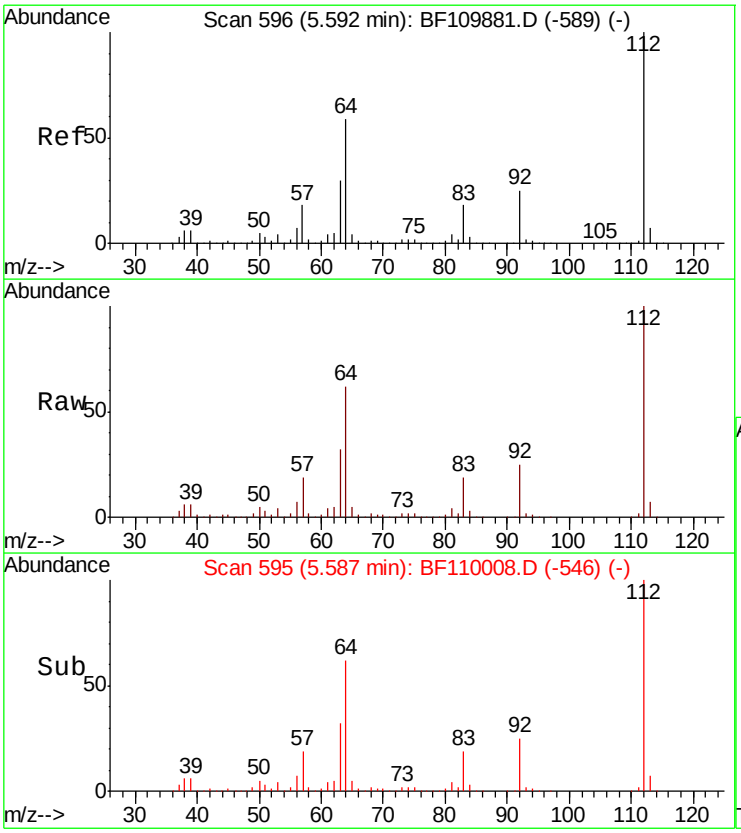
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110008.D
Acq: 19 Oct 2018 17:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 228899

Ion	Ratio	Lower	Upper
152	100		
150	156.7	122.7	184.1
115	60.1	49.1	73.7

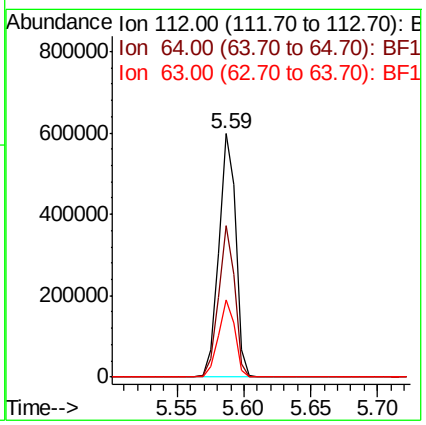


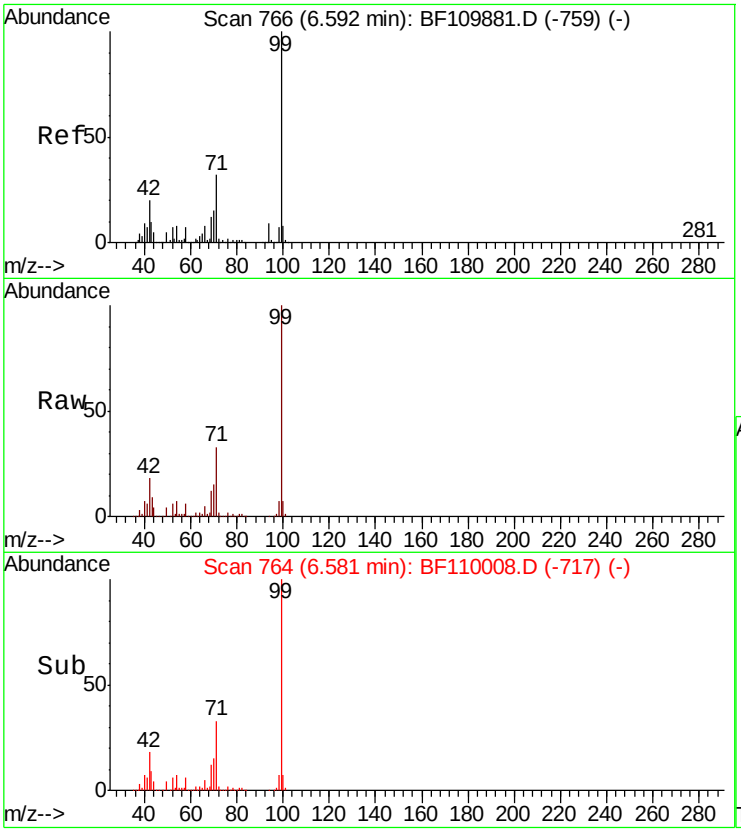


#5
2-Fluorophenol
Concen: 37.420 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110008.D
Acq: 19 Oct 2018 17:48

Tgt Ion:112 Resp: 540352

Ion	Ratio	Lower	Upper
112	100		
64	62.1	44.1	66.1
63	31.8	23.7	35.5



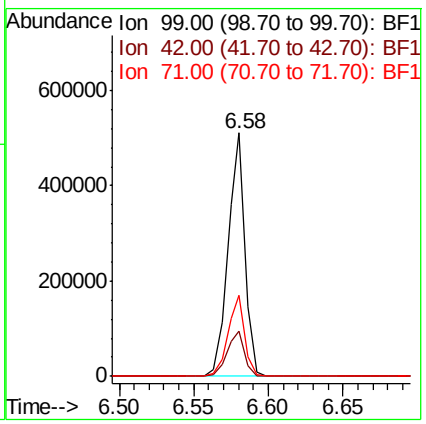


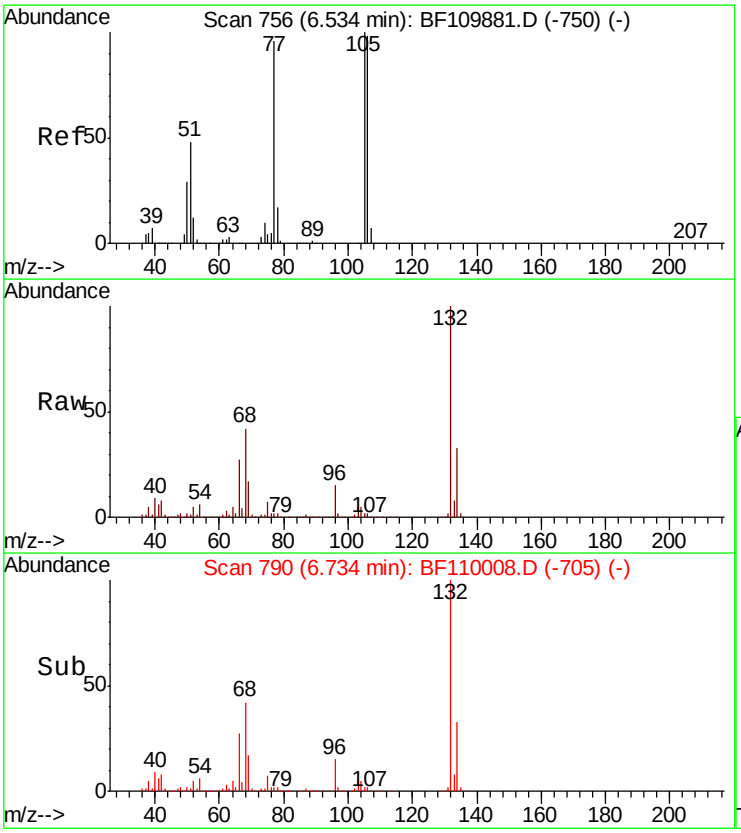
#7
Phenol-d6
Concen: 22.826 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF110008.D
Acq: 19 Oct 2018 17:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 409291

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.8	23.6
71	33.2	28.0	42.0

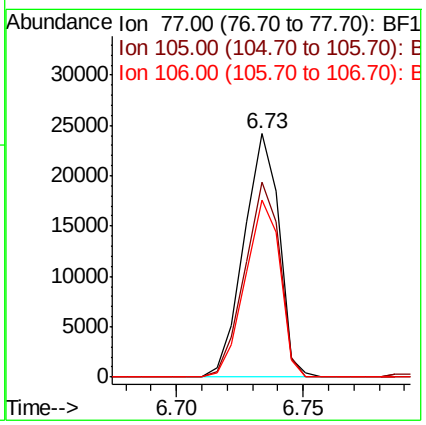


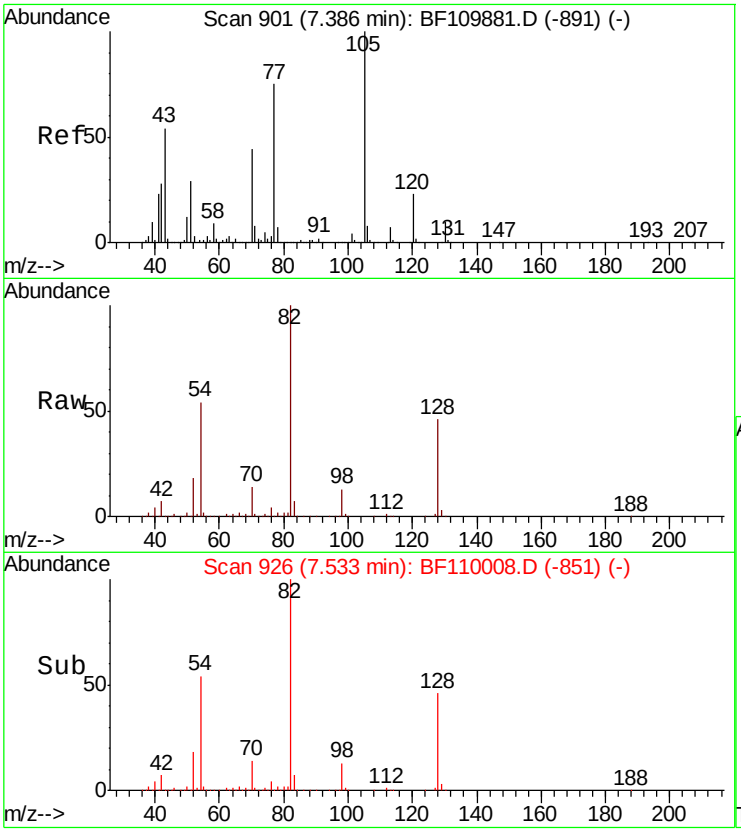


#9
Benzaldehyde
Concen: 2.008 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.20 min
Lab File: BF110008.D
Acq: 19 Oct 2018 17:48

Tgt Ion: 77 Resp: 23403

Ion	Ratio	Lower	Upper
77	100		
105	79.9	78.6	118.6
106	72.6	74.8	114.8#



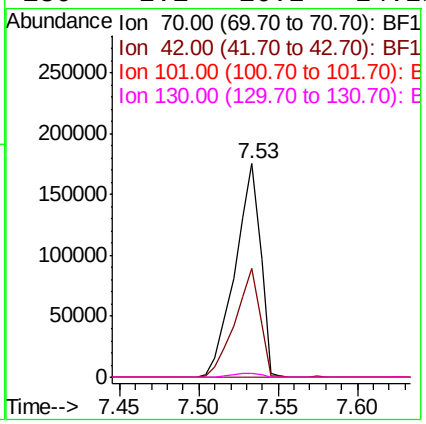


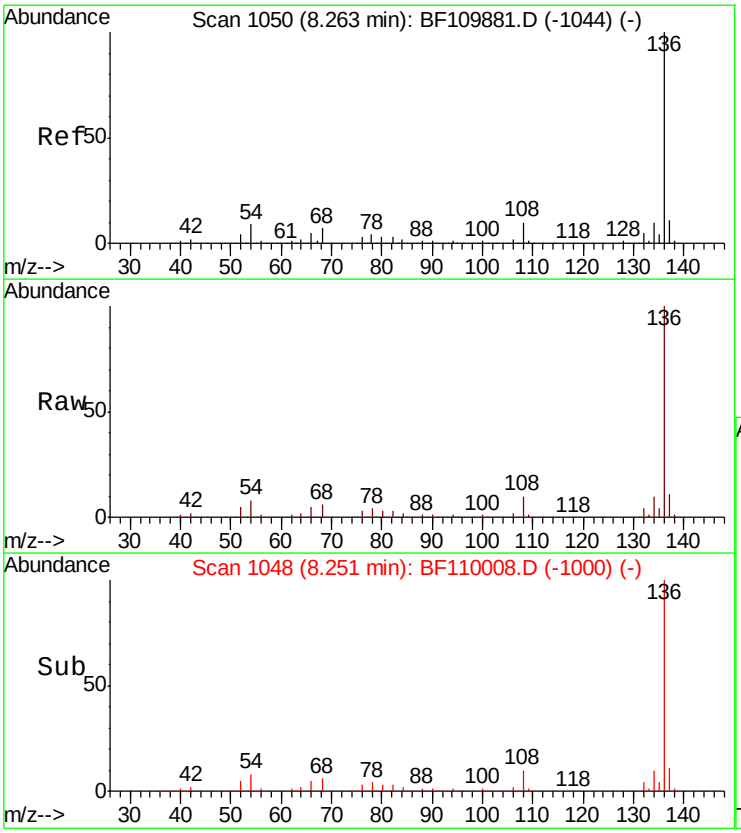
#19
n-Nitroso-di-n-propylamine
Concen: 16.989 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF110008.D
Acq: 19 Oct 2018 17:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 195601

Ion	Ratio	Lower	Upper
70	100		
42	51.3	47.4	71.2
101	0.0	7.3	10.9#
130	2.1	16.2	24.2#

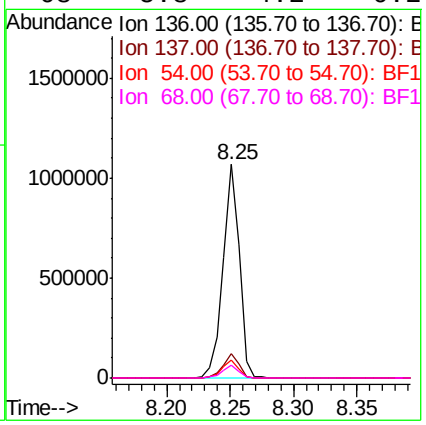


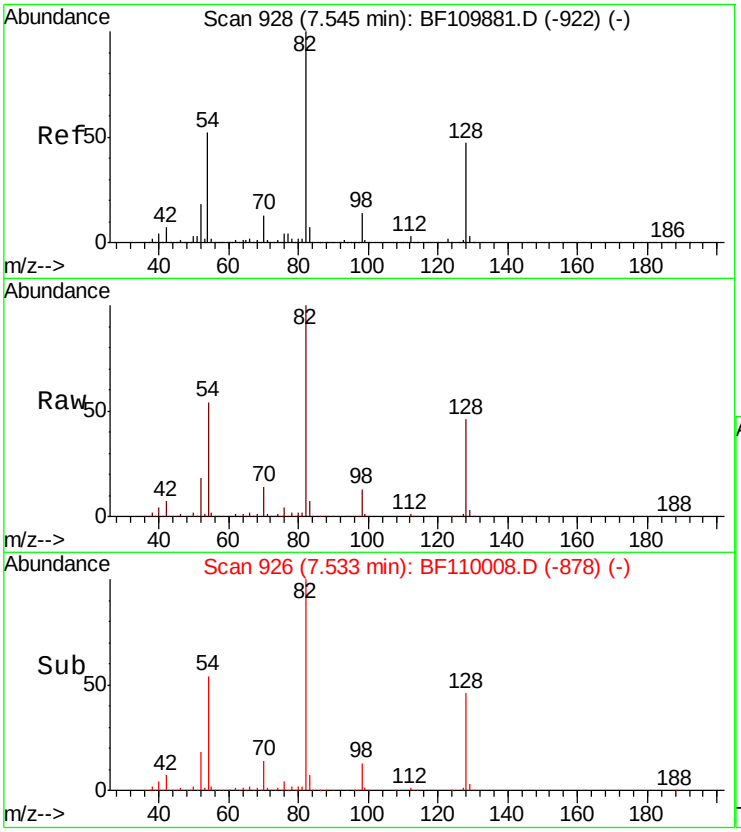


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110008.D
Acq: 19 Oct 2018 17:48

Tgt Ion:136 Resp: 954641

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.1	5.4	8.2
68	5.8	4.2	6.2



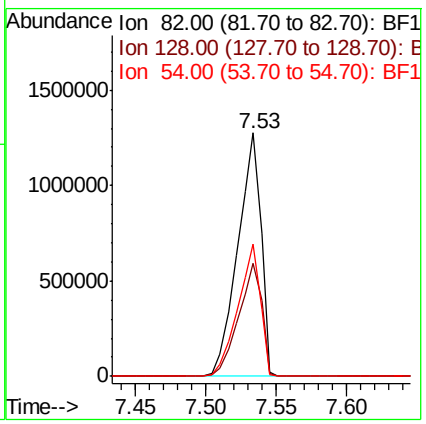


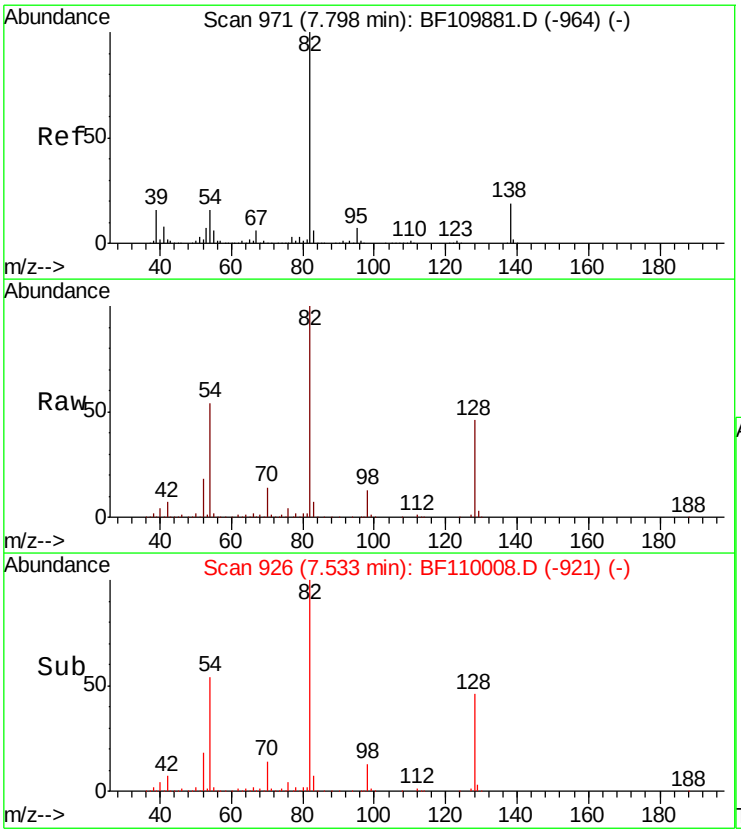
#23
Nitrobenzene-d5
Concen: 102.929 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110008.D
Acq: 19 Oct 2018 17:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1458645

Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.2	51.2
54	54.3	38.6	58.0

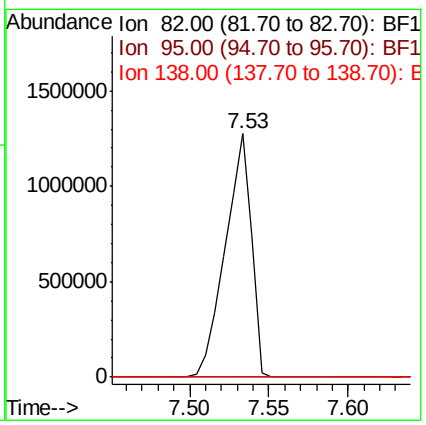


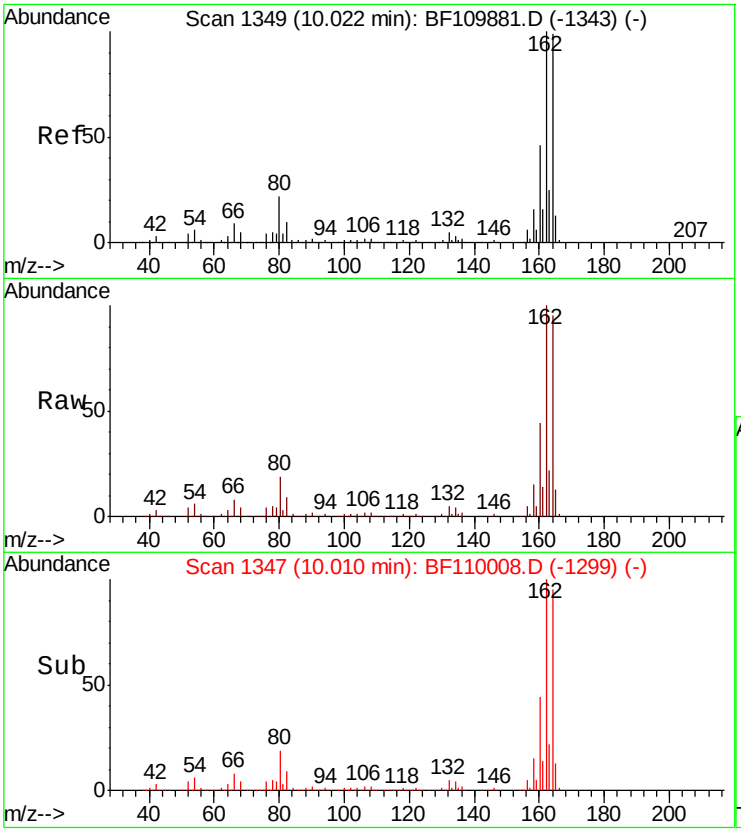


#25
Isophorone
Concen: 52.236 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF110008.D
Acq: 19 Oct 2018 17:48

Tgt Ion: 82 Resp: 1454528

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



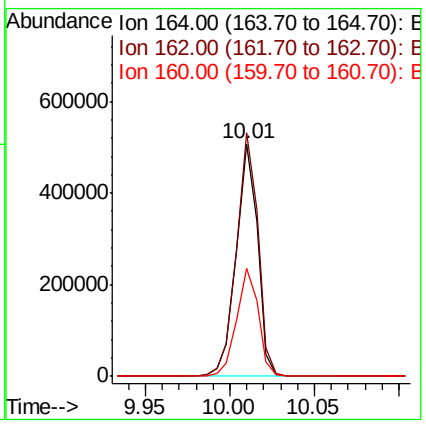


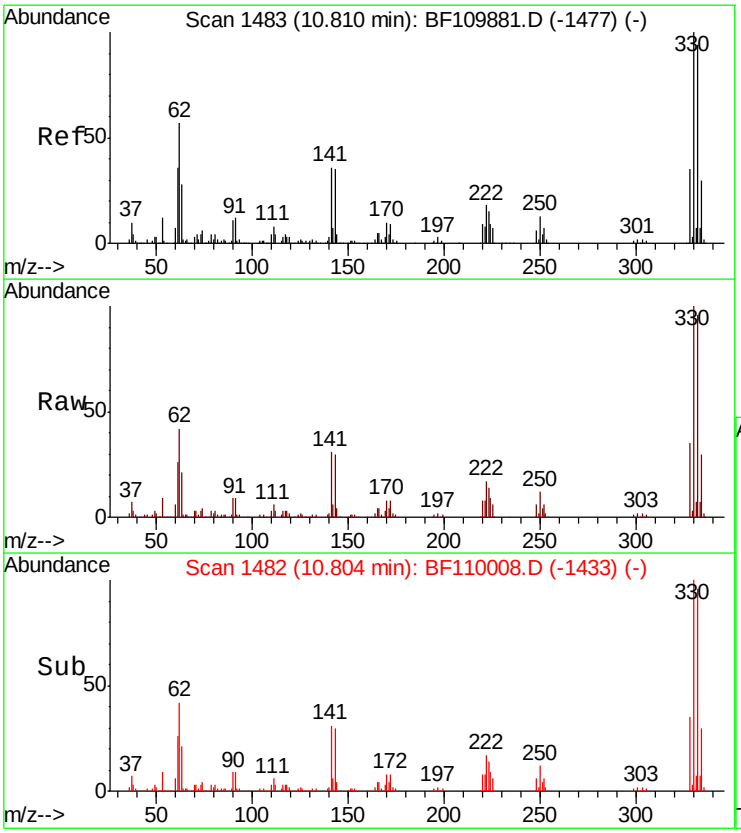
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110008.D
Acq: 19 Oct 2018 17:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 446264

Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.0	124.6
160	46.6	37.0	55.6

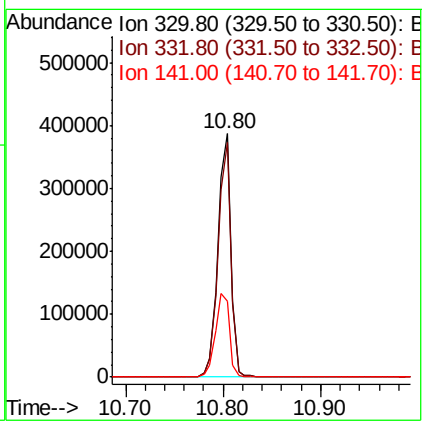


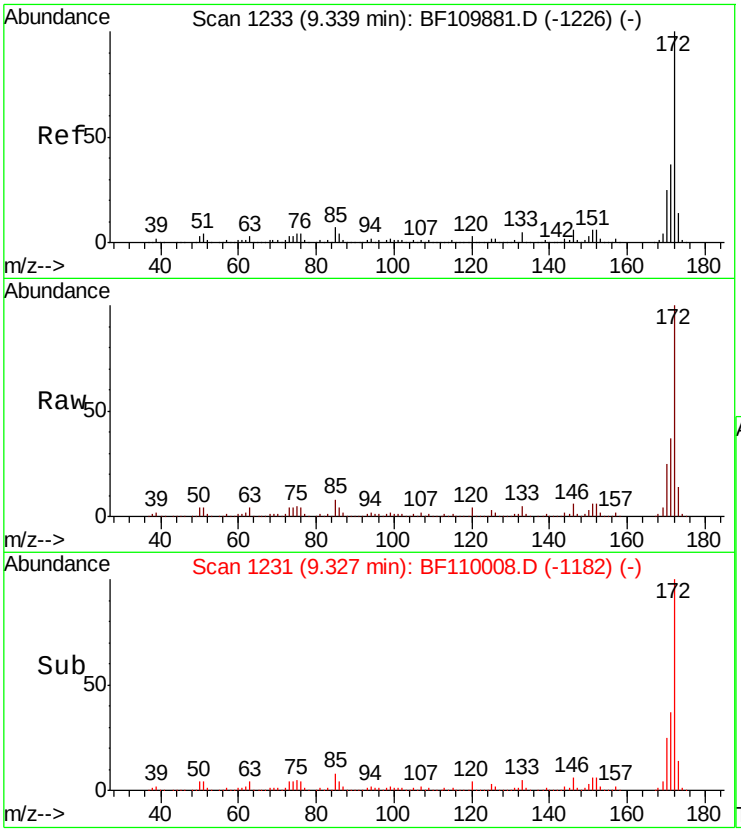


#42
2,4,6-Tribromophenol
Concen: 93.128 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110008.D
Acq: 19 Oct 2018 17:48

Tgt Ion:330 Resp: 359813

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.1	115.7
141	36.8	27.0	40.4



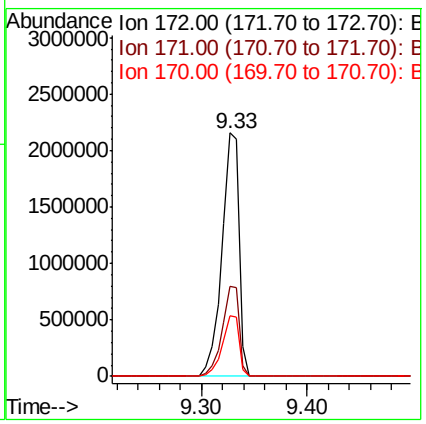


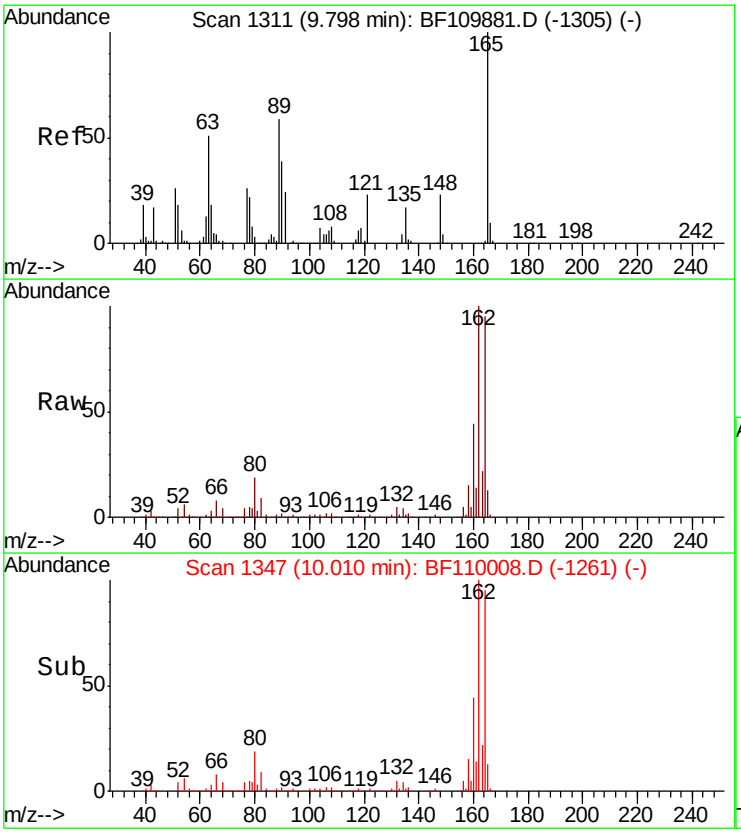
#45
2-Fluorobiphenyl
Concen: 87.092 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110008.D
Acq: 19 Oct 2018 17:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 2435729

Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.6	43.0
170	24.9	19.7	29.5

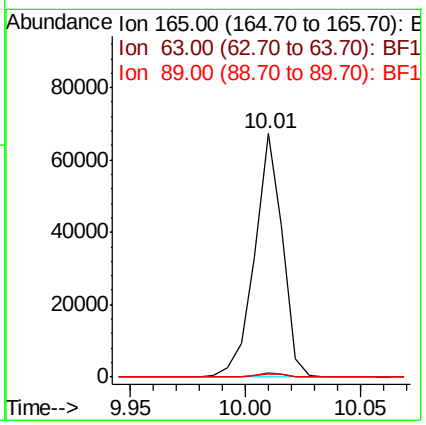


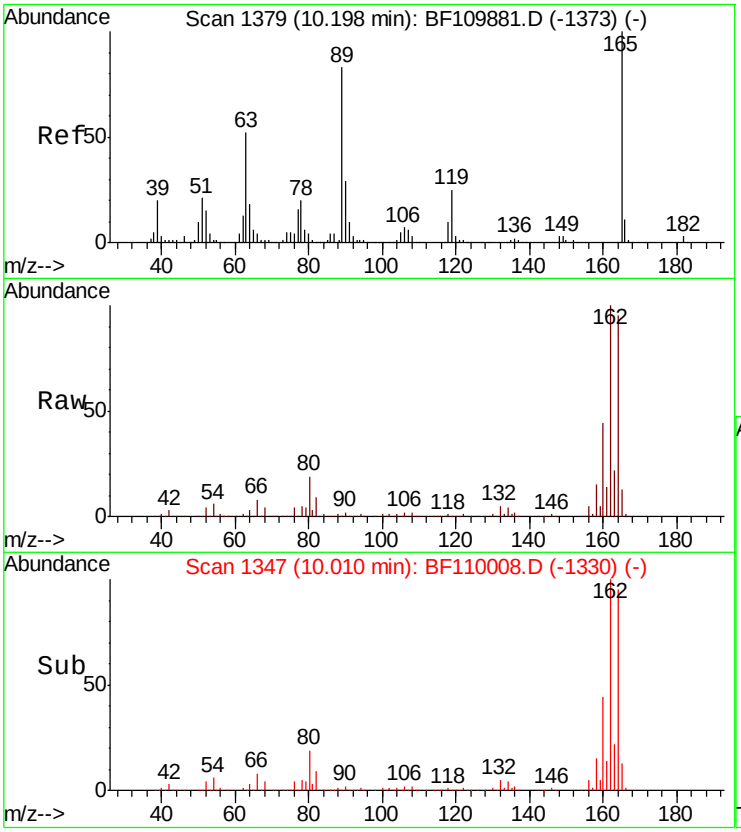


#51
2,6-Dinitrotoluene
Concen: 9.432 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110008.D
Acq: 19 Oct 2018 17:48

Tgt Ion:165 Resp: 56611

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



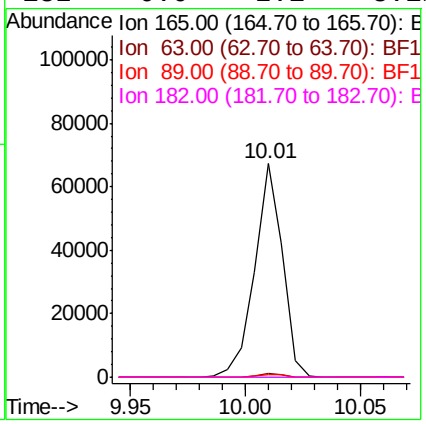


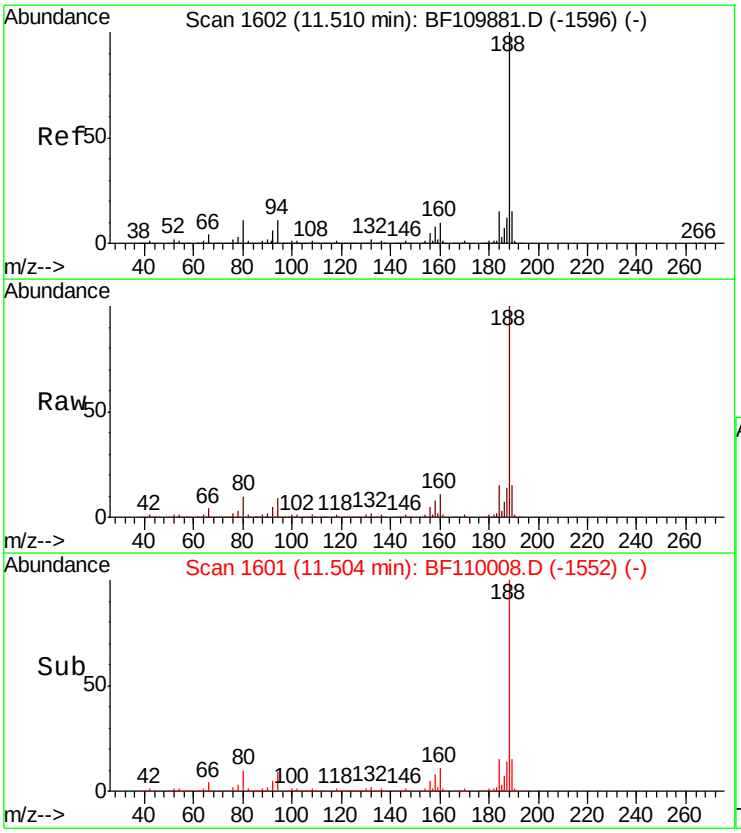
#57
2,4-Dinitrotoluene
Concen: 11.337 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110008.D
Acq: 19 Oct 2018 17:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 56611

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

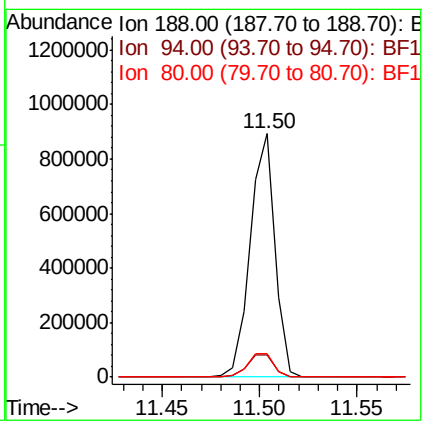


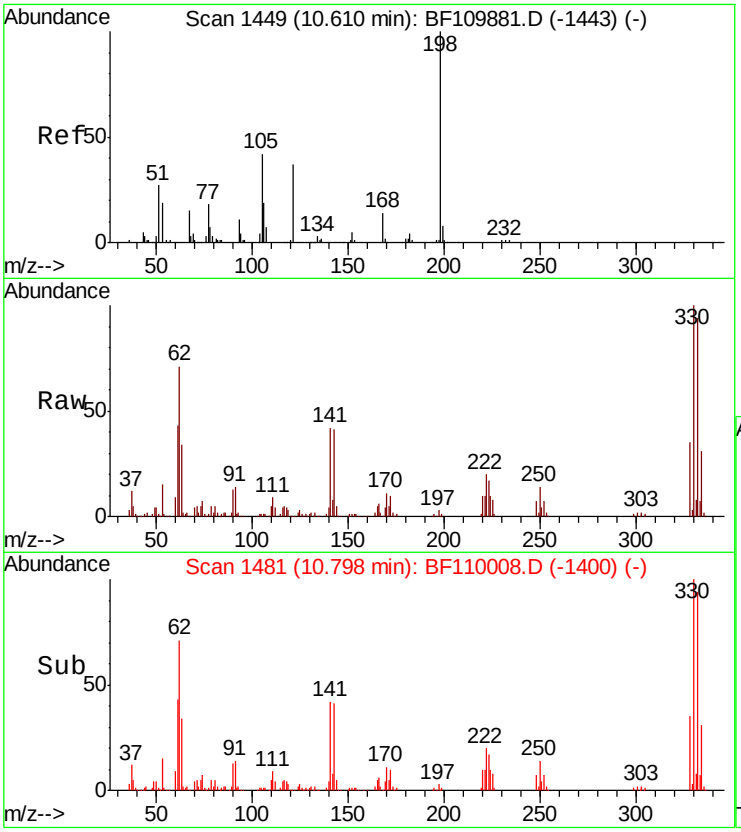


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110008.D
Acq: 19 Oct 2018 17:48

Tgt Ion:188 Resp: 783020

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.8	7.9	11.9



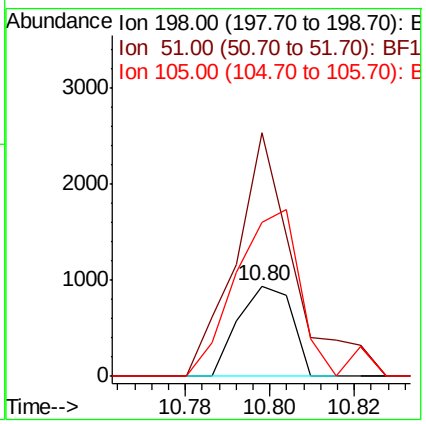


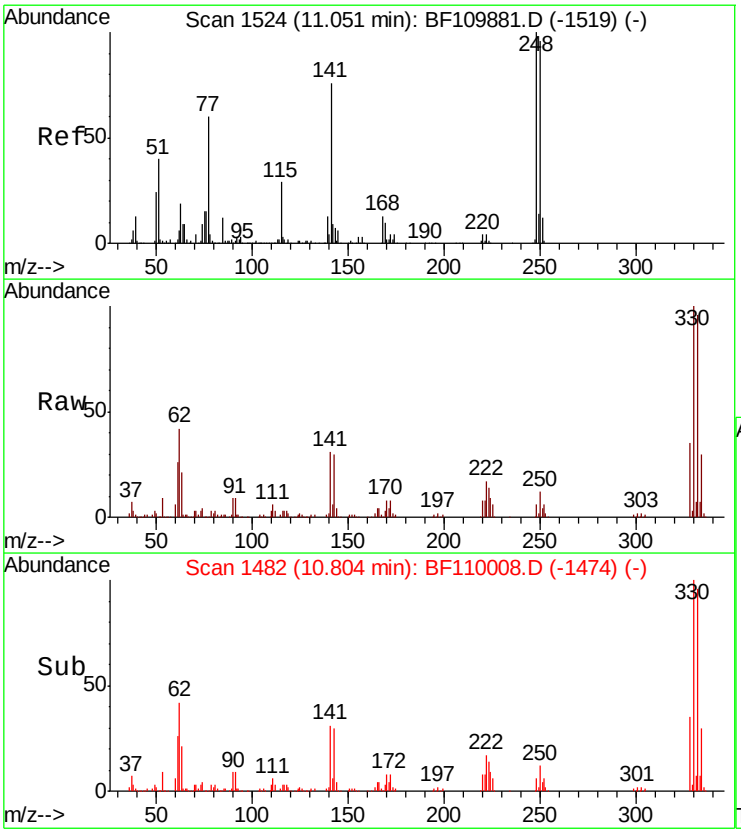
#65
4,6-Dinitro-2-methylphenol
Concen: 8.149 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.18 min
Lab File: BF110008.D
Acq: 19 Oct 2018 17:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 832

Ion	Ratio	Lower	Upper
198	100		
51	269.1	22.8	62.8#
105	170.5	23.6	63.6#

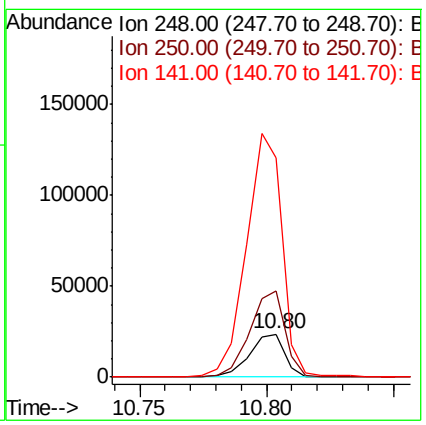


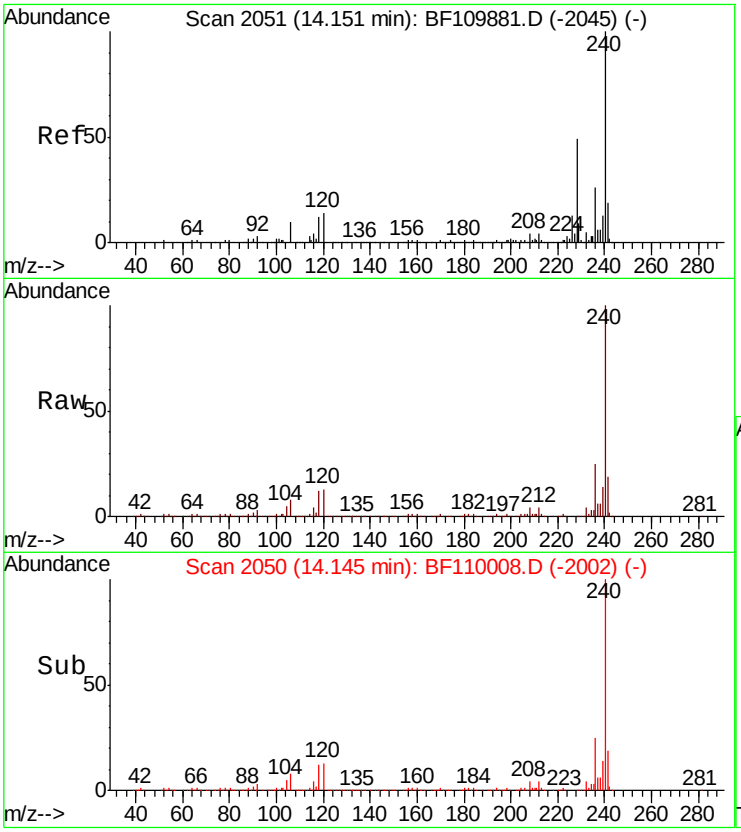


#67
4-Bromophenyl-phenylether
Concen: 2.696 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF110008.D
Acq: 19 Oct 2018 17:48

Tgt Ion:248 Resp: 22876

Ion	Ratio	Lower	Upper
248	100		
250	201.8	79.4	119.2#
141	509.8	55.9	83.9#



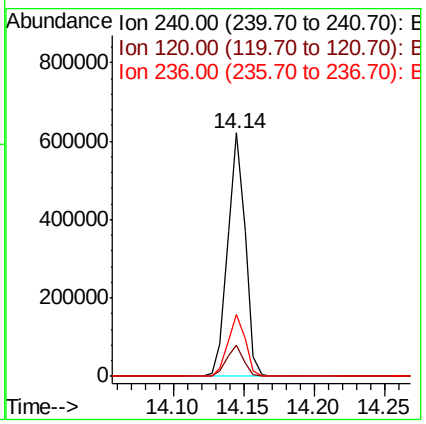


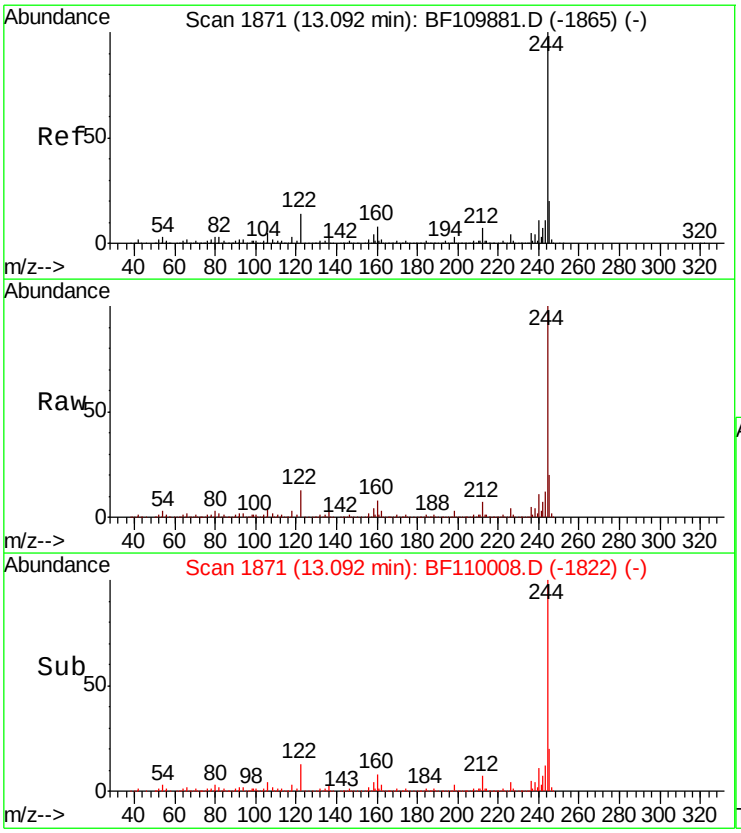
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110008.D
Acq: 19 Oct 2018 17:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 532952

Ion	Ratio	Lower	Upper
240	100		
120	12.7	8.3	12.5#
236	25.4	21.2	31.8

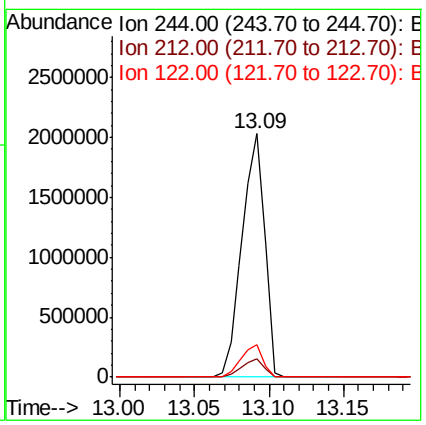


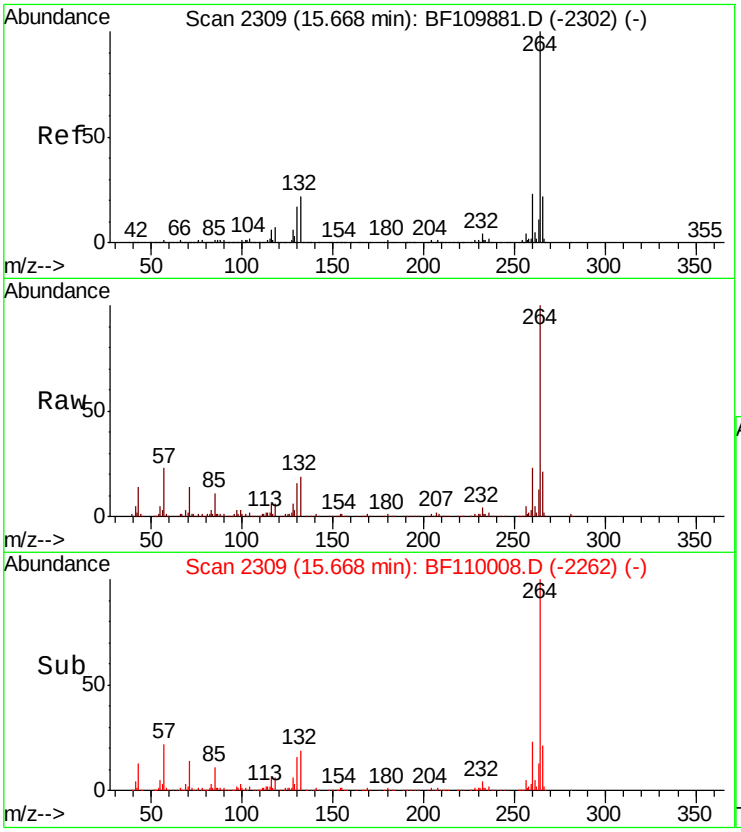


#79
Terphenyl-d14
Concen: 84.428 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF110008.D
Acq: 19 Oct 2018 17:48

Tgt Ion:244 Resp: 2142745

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	13.1	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: BF110008.D
Acq: 19 Oct 2018 17:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 375682

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.3	16.7	25.1