Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
Data File : BF110030.D
Acq On : 20 Oct 2018 4:41
Operator : JU/SJ
Sample : J5593-15
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 20 06:46:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 20 01:53:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	229355	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	880306	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	373828	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	579203	20.00	ng	0.00
76) Chrysene-d12	14.14	240	406400	20.00	ng	0.00
87) Perylene-d12	15.67	264	340206	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	506326	34.99	ng	0.00
7) Phenol-d6	6.58	99	385882	21.48	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1252823	95.87	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	249583	77.12	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	2030511	86.67	ng	0.00
79) Terphenyl-d14	13.09	244	1519055	78.49	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	166333	14.419	ng	# 81
25) Isophorone	7.53	82	1252808	48.791	ng	# 67
50) Dimethylphthalate	9.72	163	52952	2.000	ng	100
51) 2,6-Dinitrotoluene	10.01	165	48792	9.705	ng	# 22
57) 2,4-Dinitrotoluene	10.01	165	48792	11.532	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	543	8.121	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	15875	2.529	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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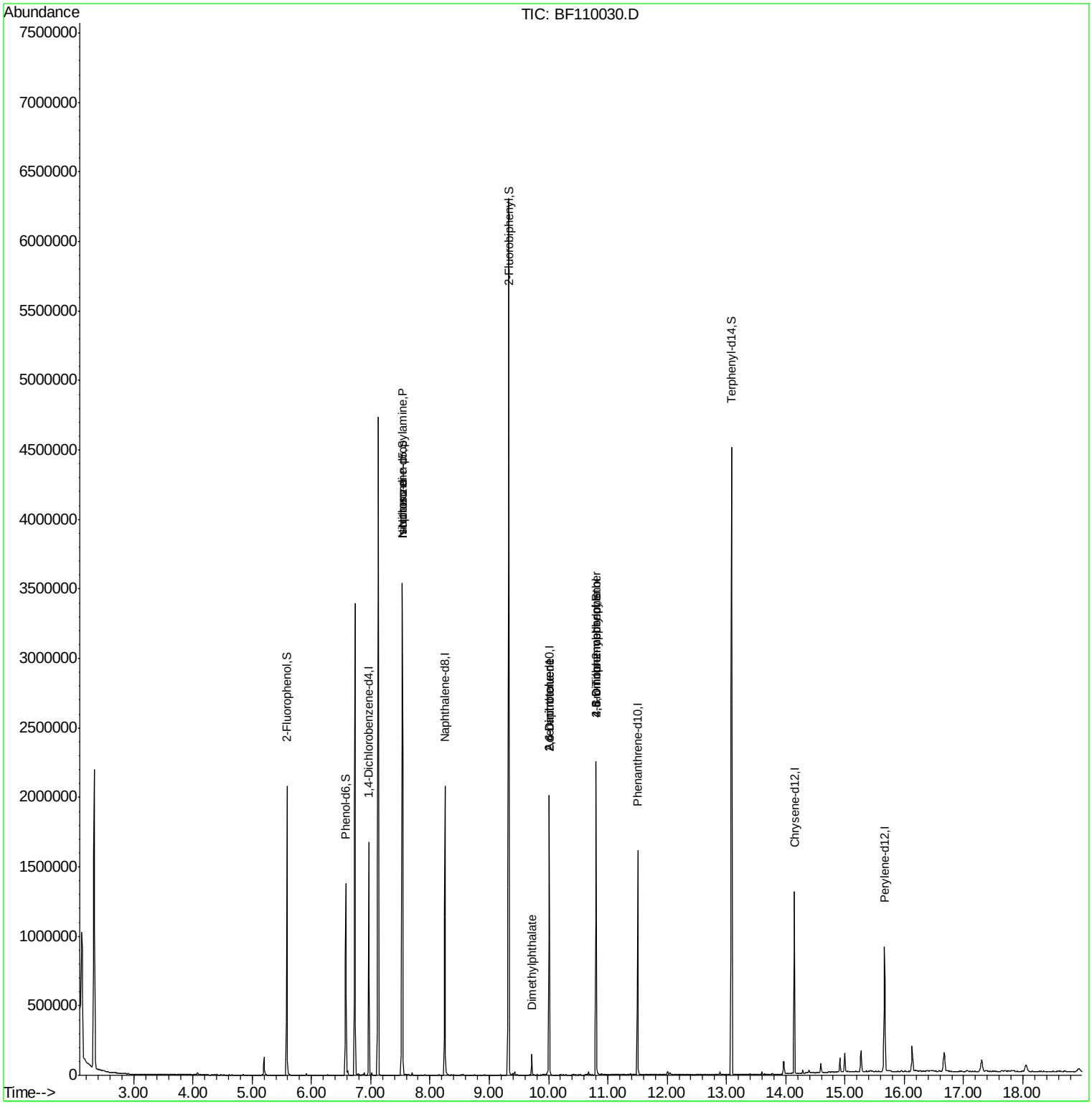
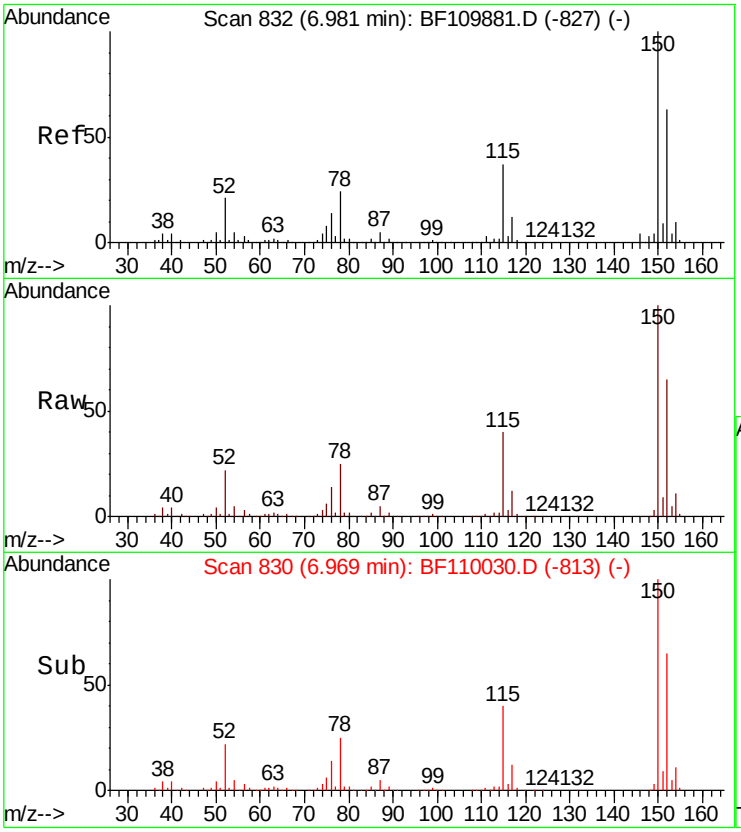
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 20 01:53:35 2018
Response via : Initial Calibration



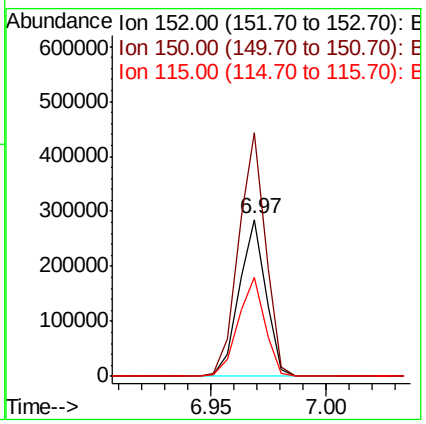


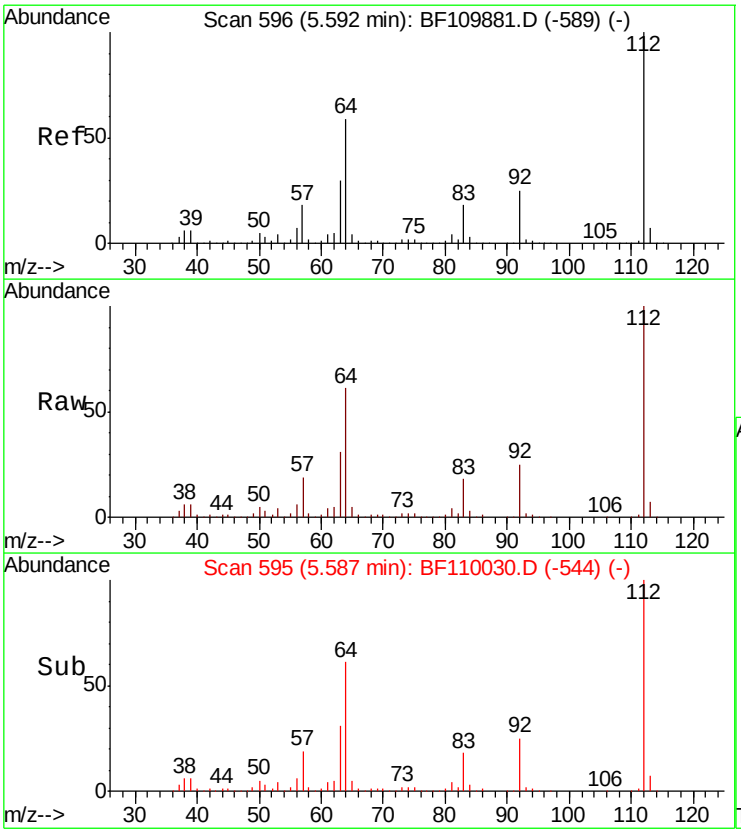
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF110030.D
Acq: 20 Oct 2018 4:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 229355

Ion	Ratio	Lower	Upper
152	100		
150	155.0	122.7	184.1
115	62.8	49.1	73.7

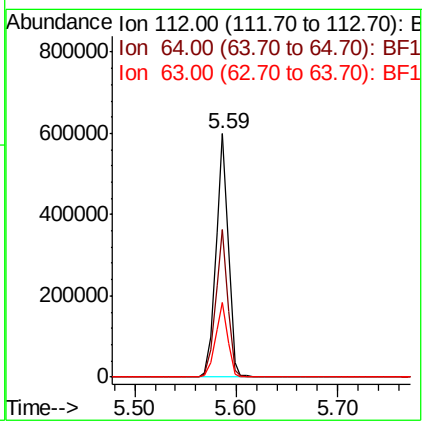


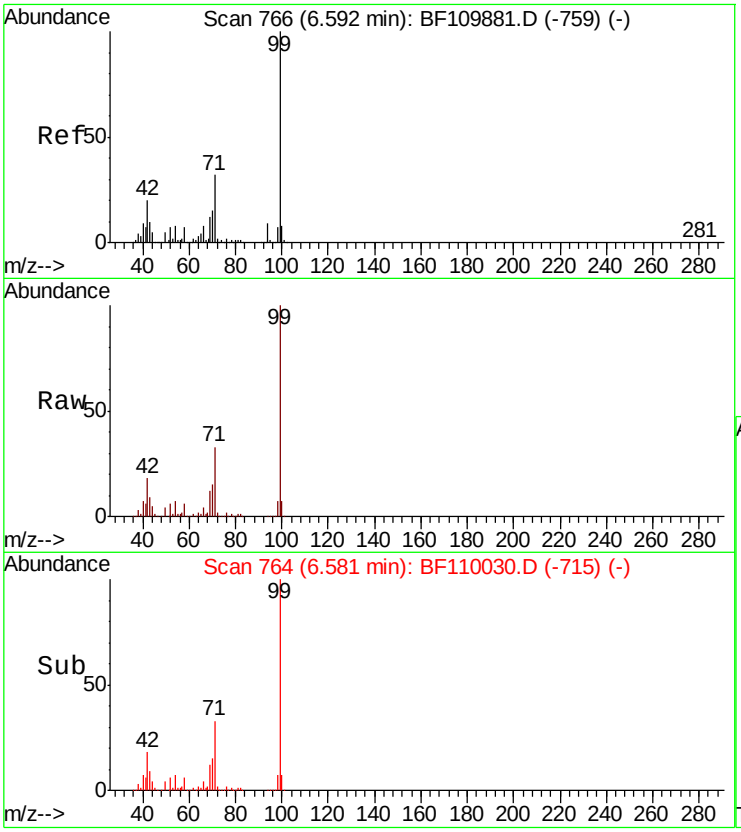


#5
2-Fluorophenol
Concen: 34.994 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF110030.D
Acq: 20 Oct 2018 4:41

Tgt Ion:112 Resp: 506326

Ion	Ratio	Lower	Upper
112	100		
64	60.6	44.1	66.1
63	30.9	23.7	35.5



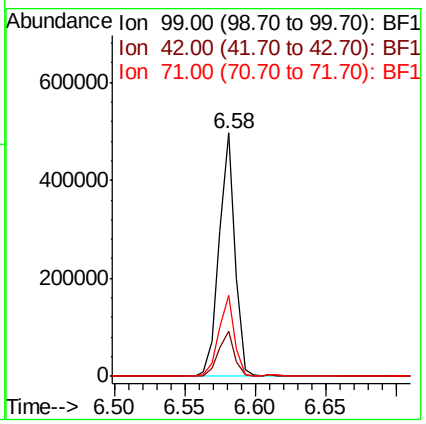


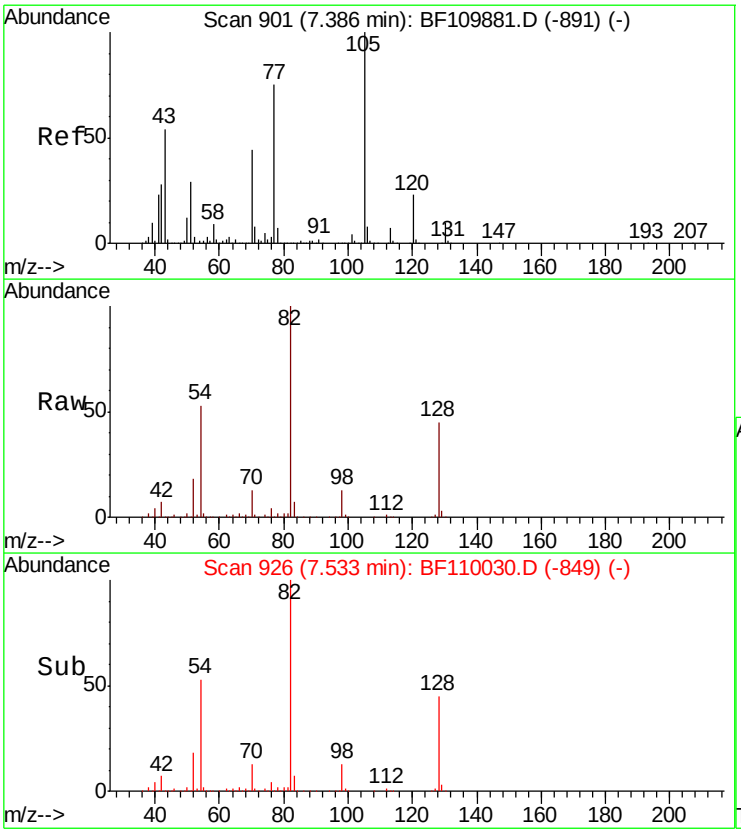
#7
Phenol-d6
Concen: 21.477 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF110030.D
Acq: 20 Oct 2018 4:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 385882

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.8	23.6
71	33.5	28.0	42.0

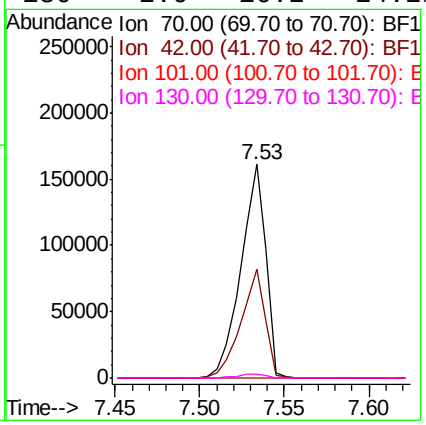


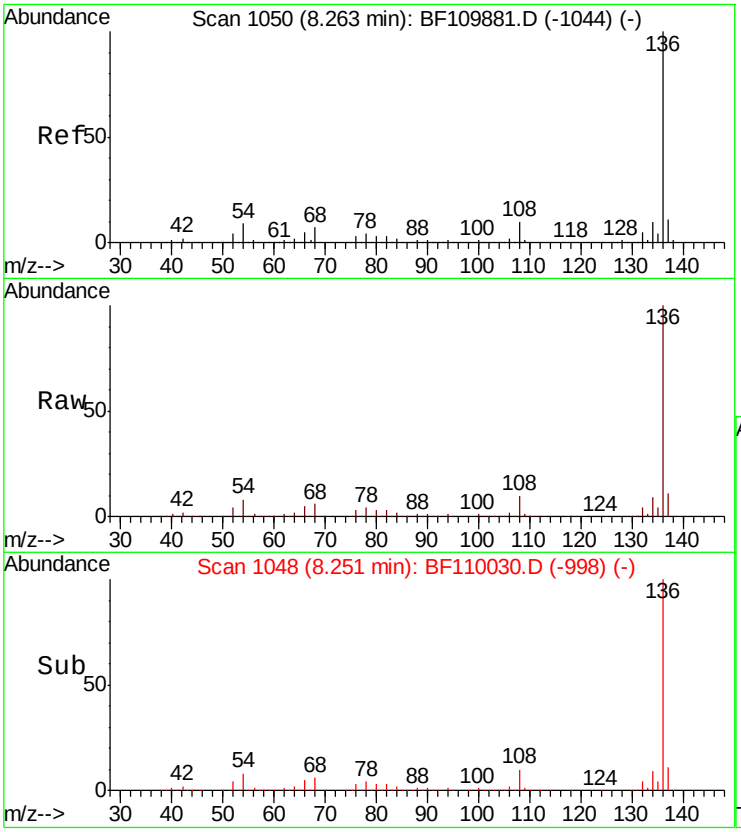


#19
n-Nitroso-di-n-propylamine
Concen: 14.419 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF110030.D
Acq: 20 Oct 2018 4:41

Tgt Ion: 70 Resp: 166333

Ion	Ratio	Lower	Upper
70	100		
42	50.7	47.4	71.2
101	0.0	7.3	10.9#
130	2.0	16.2	24.2#



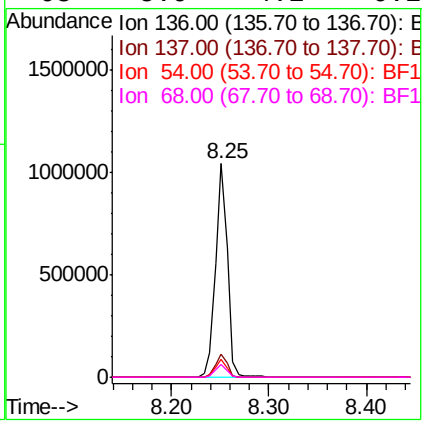


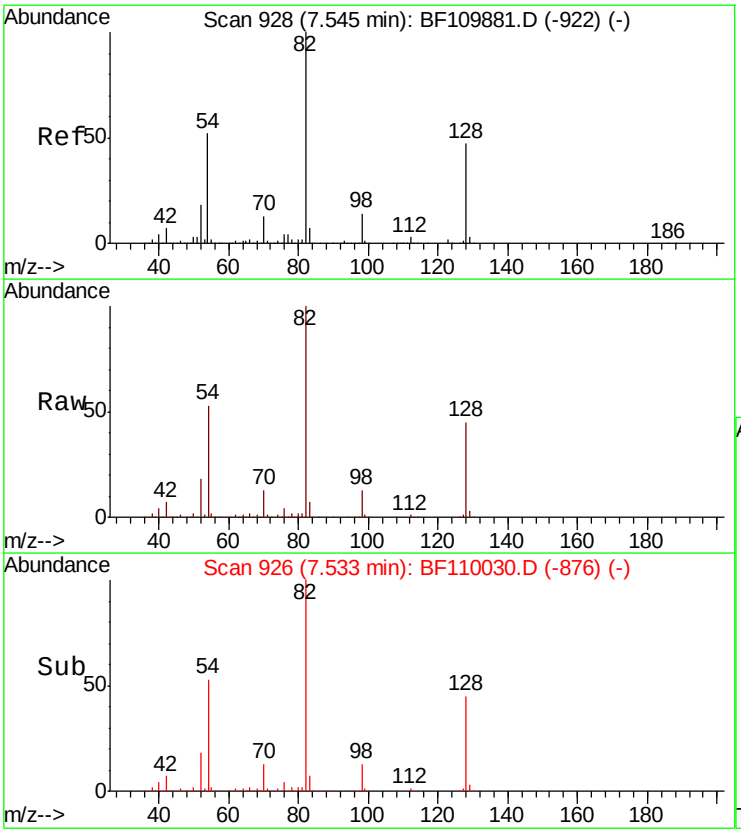
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF110030.D
Acq: 20 Oct 2018 4:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 880306

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.3	5.4	8.2#
68	5.9	4.2	6.2

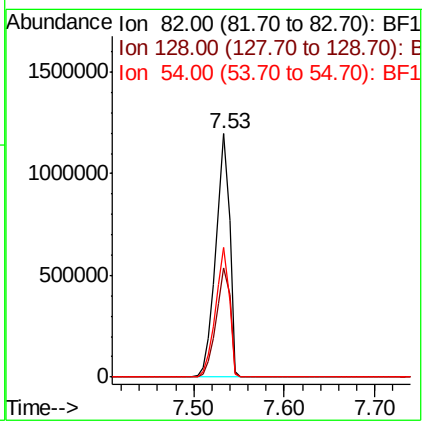


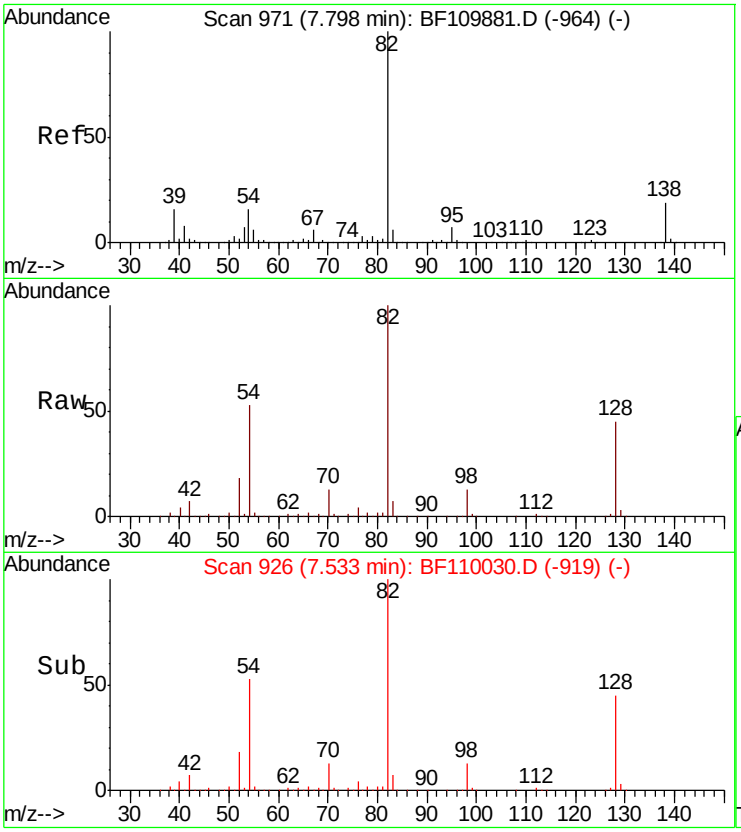


#23
Nitrobenzene-d5
Concen: 95.870 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF110030.D
Acq: 20 Oct 2018 4:41

Tgt Ion: 82 Resp: 1252823

Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.2	51.2
54	53.4	38.6	58.0

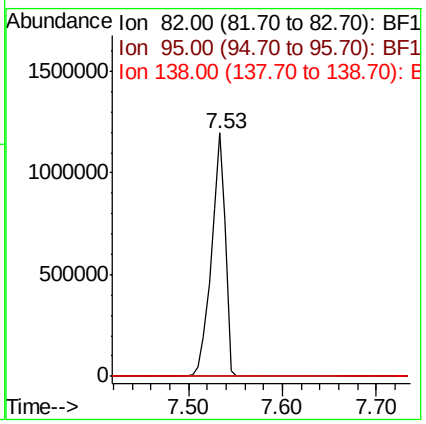




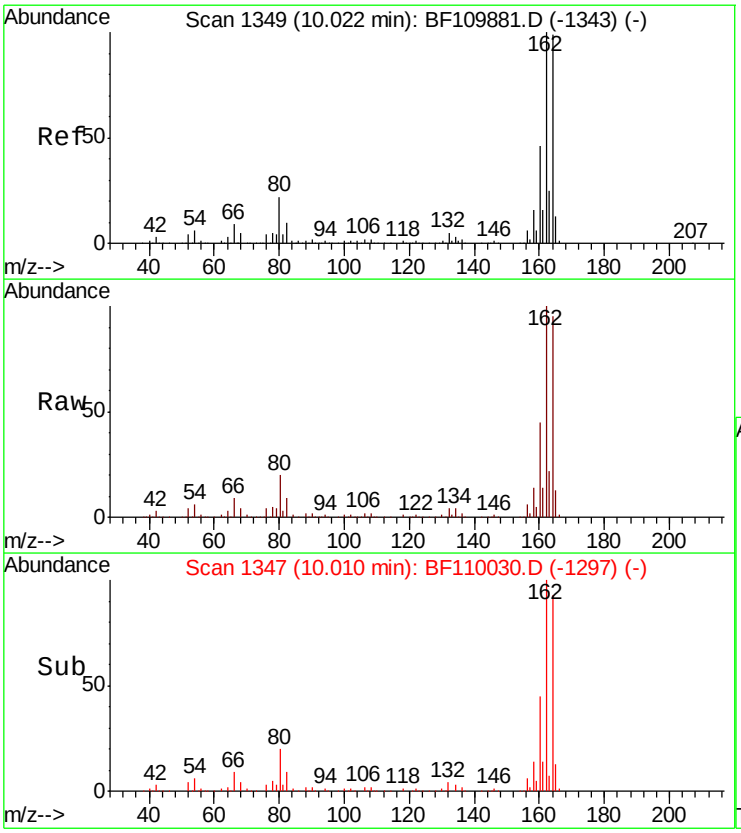
#25
Isophorone
Concen: 48.791 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.26 min
Lab File: BF110030.D
Acq: 20 Oct 2018 4:41

Tgt Ion: 82 Resp: 1252808

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



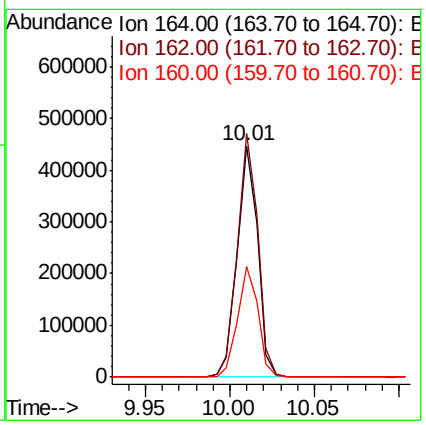
Instrument :
BNA_F
ClientSampleId :

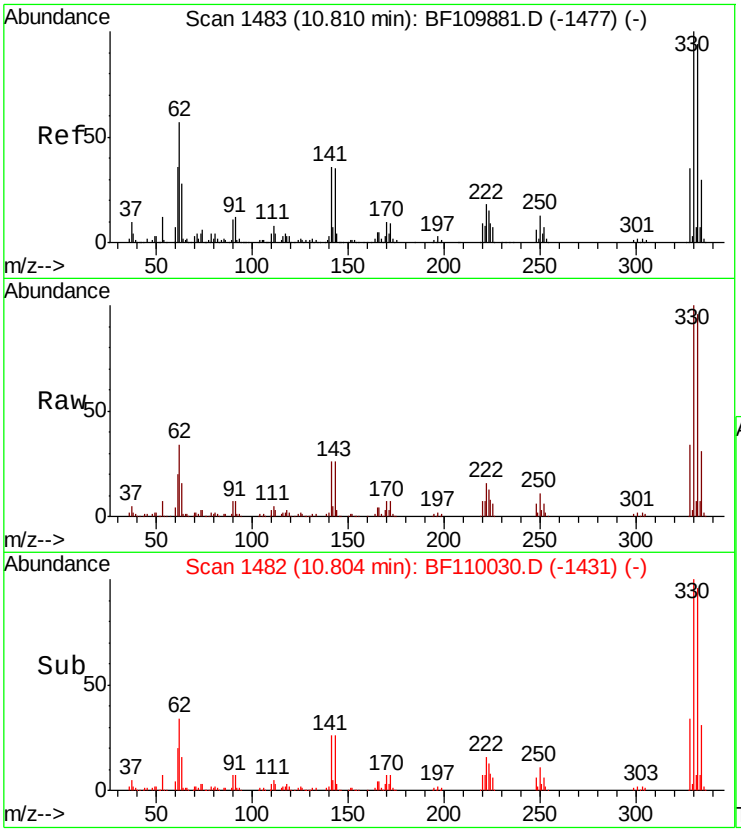


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF110030.D
Acq: 20 Oct 2018 4:41

Tgt Ion:164 Resp: 373828

Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.0	124.6
160	47.8	37.0	55.6



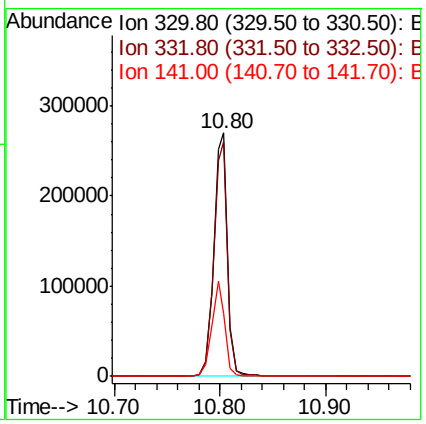


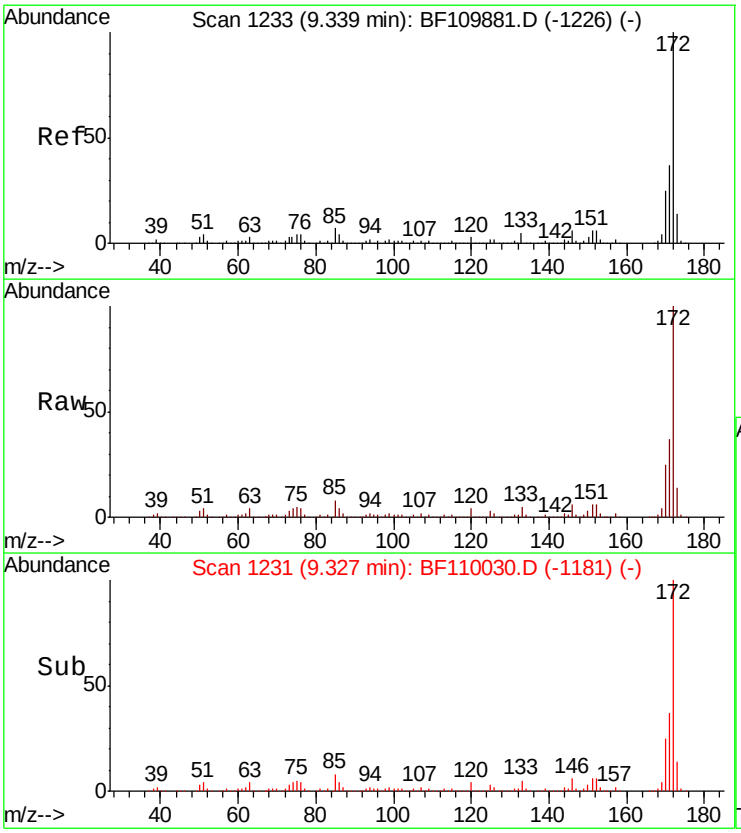
#42
2,4,6-Tribromophenol
Concen: 77.115 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BF110030.D
Acq: 20 Oct 2018 4:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 249583

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	36.7	27.0	40.4

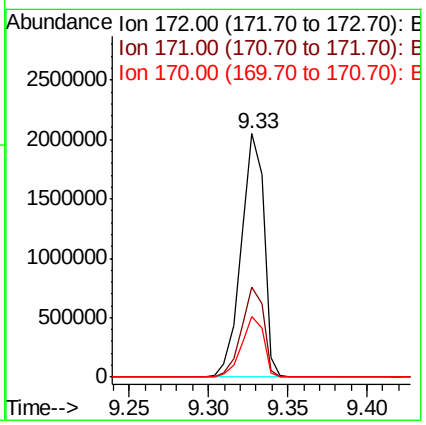


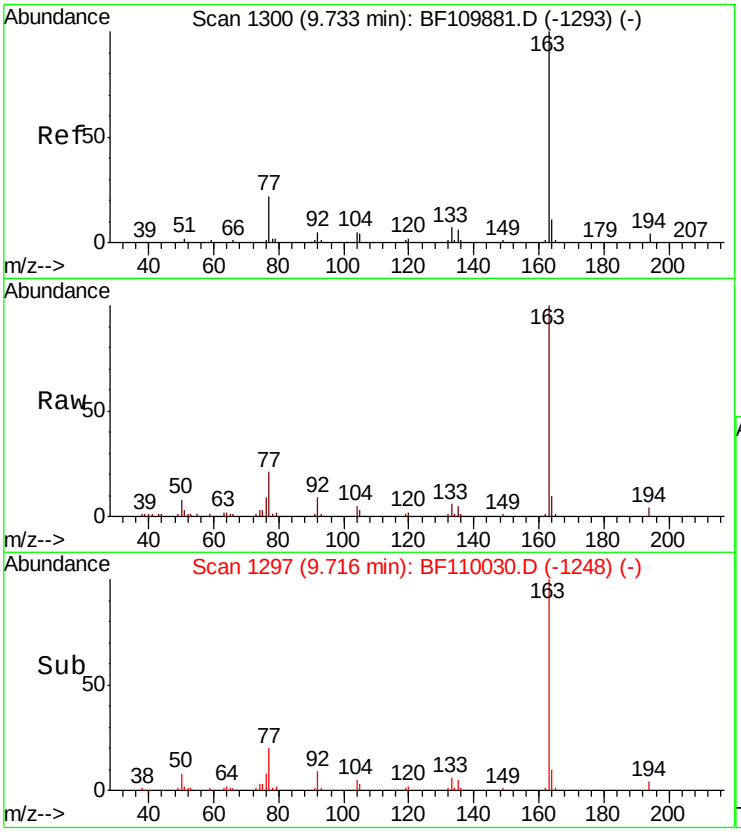


#45
2-Fluorobiphenyl
Concen: 86.671 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110030.D
Acq: 20 Oct 2018 4:41

Tgt Ion:172 Resp: 2030511

Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.6	43.0
170	24.8	19.7	29.5



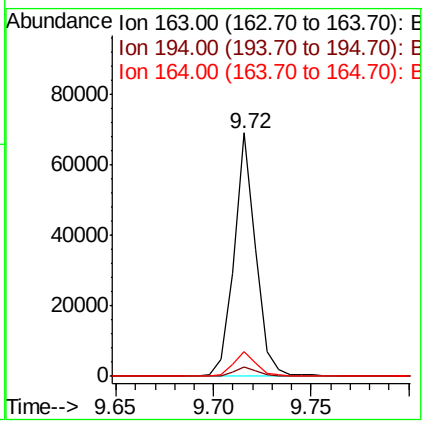


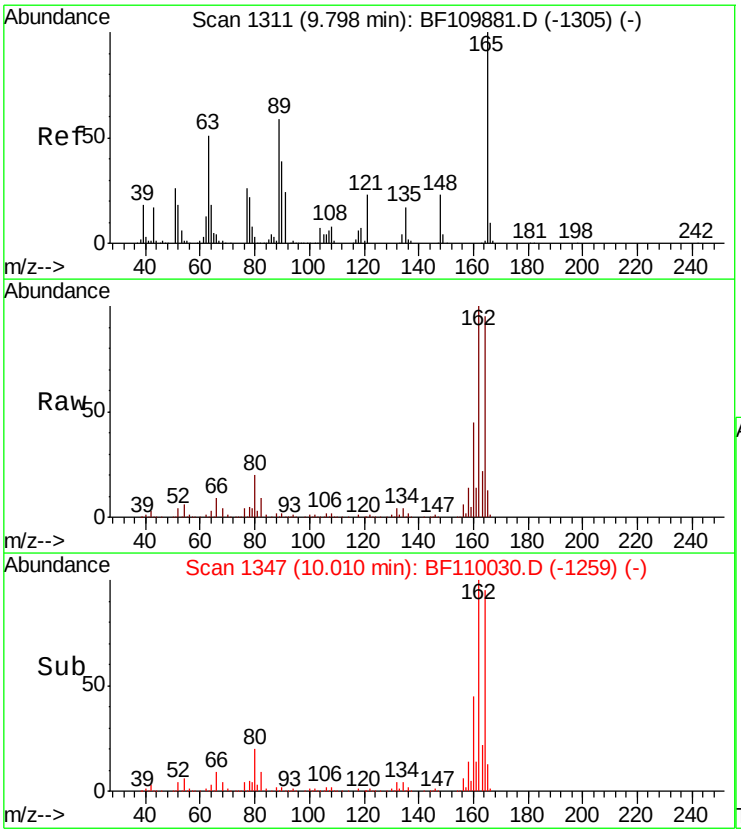
#50
Dimethylphthalate
Concen: 2.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110030.D
Acq: 20 Oct 2018 4:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 52952

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.0	8.1	12.1

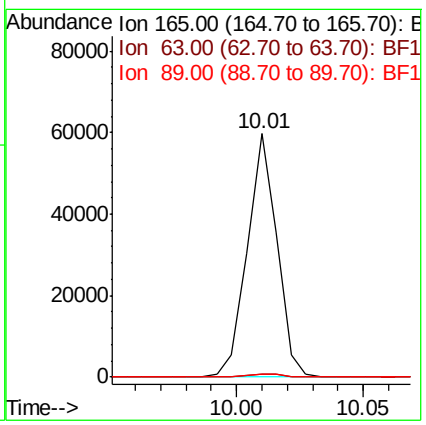


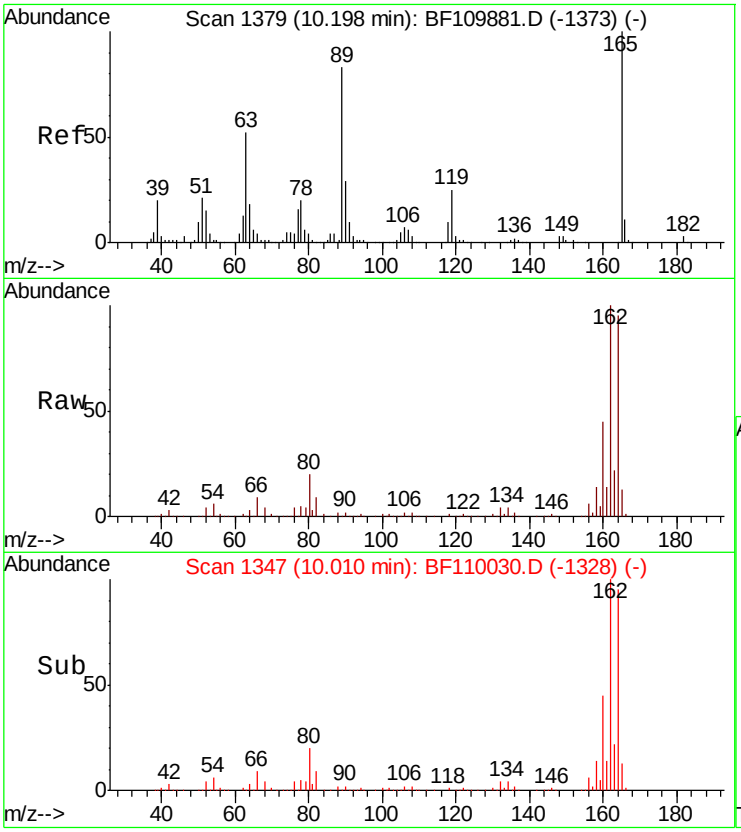


#51
2,6-Dinitrotoluene
Concen: 9.705 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.22 min
Lab File: BF110030.D
Acq: 20 Oct 2018 4:41

Tgt Ion:165 Resp: 48792

Ion	Ratio	Lower	Upper
165	100		
63	1.1	48.9	73.3#
89	1.2	46.6	69.8#



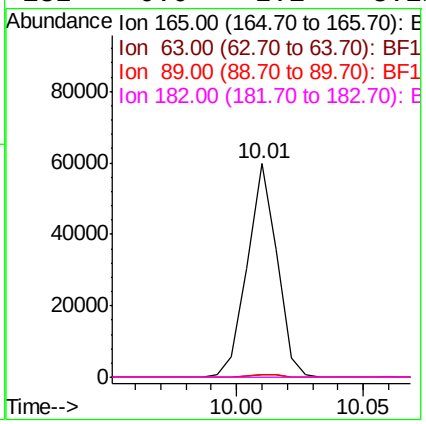


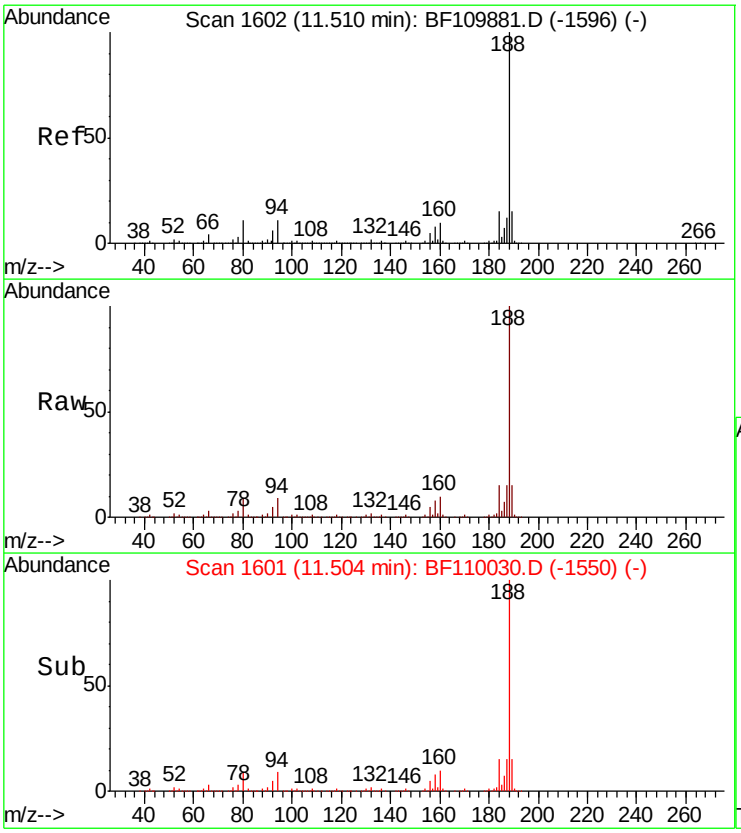
#57
2,4-Dinitrotoluene
Concen: 11.532 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.19 min
Lab File: BF110030.D
Acq: 20 Oct 2018 4:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 48792

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.8	67.2#
89	1.2	62.2	93.4#
182	0.0	2.1	3.1#

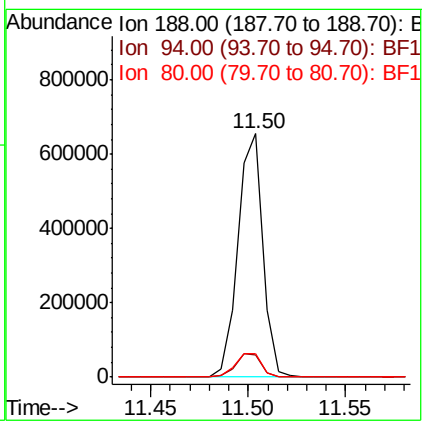


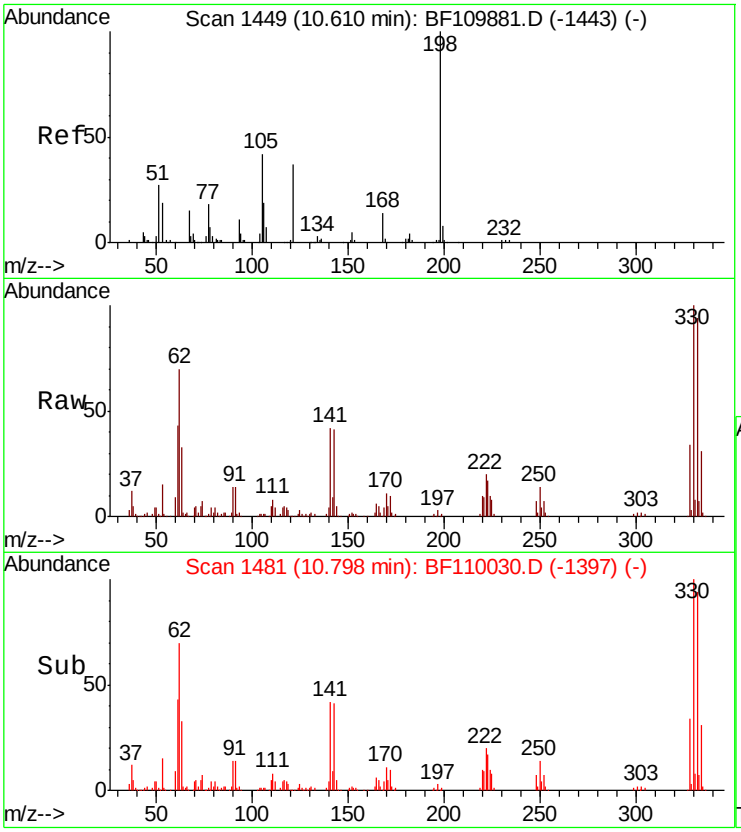


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BF110030.D
Acq: 20 Oct 2018 4:41

Tgt Ion:188 Resp: 579203

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	9.5	7.9	11.9



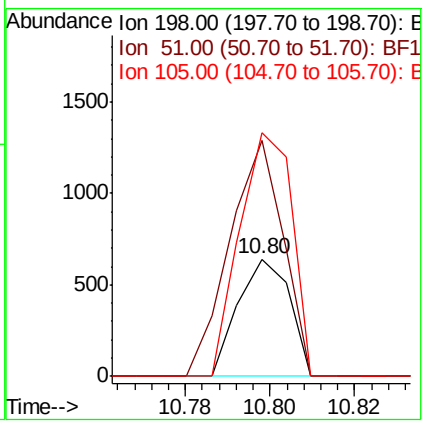


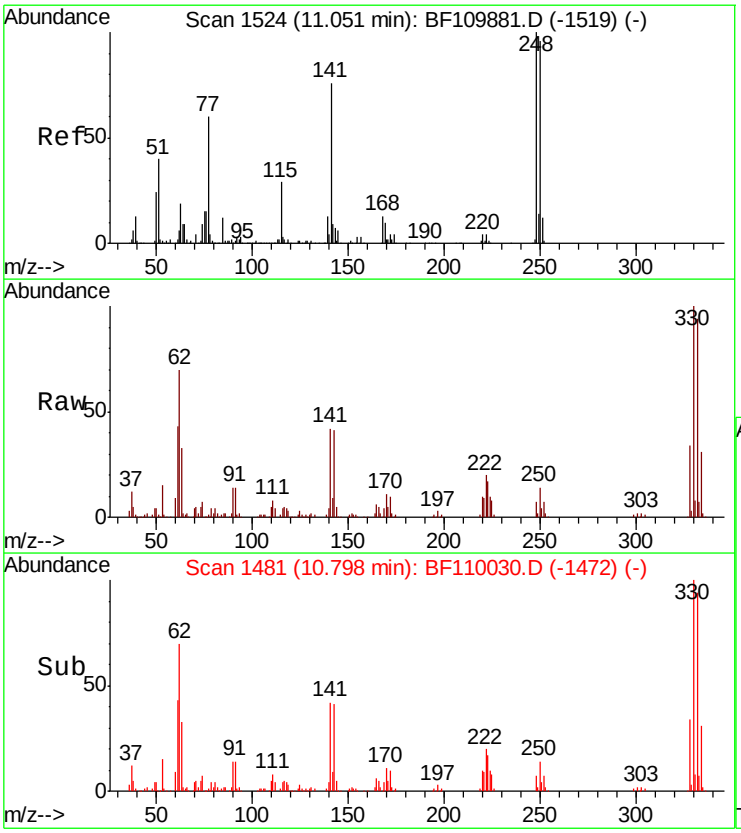
#65
4,6-Dinitro-2-methylphenol
Concen: 8.121 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.19 min
Lab File: BF110030.D
Acq: 20 Oct 2018 4:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 543

Ion	Ratio	Lower	Upper
198	100		
51	201.2	22.8	62.8#
105	207.6	23.6	63.6#

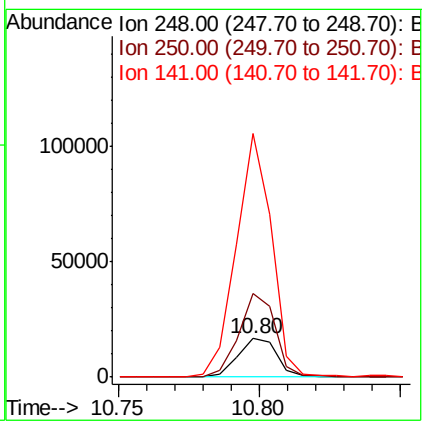


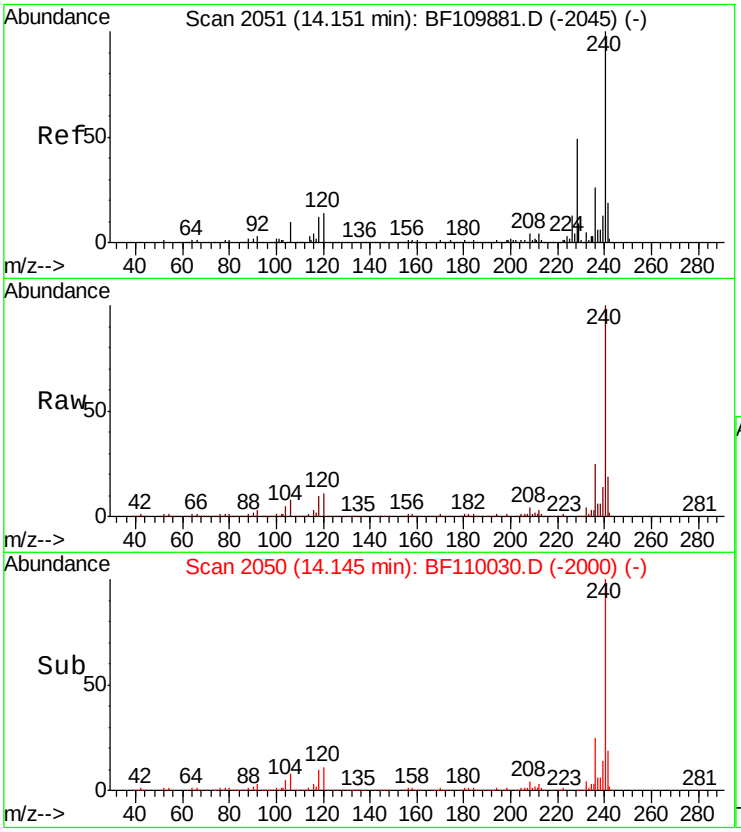


#67
4-Bromophenyl-phenylether
Concen: 2.529 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.25 min
Lab File: BF110030.D
Acq: 20 Oct 2018 4:41

Tgt Ion:248 Resp: 15875

Ion	Ratio	Lower	Upper
248	100		
250	218.5	79.4	119.2#
141	633.7	55.9	83.9#



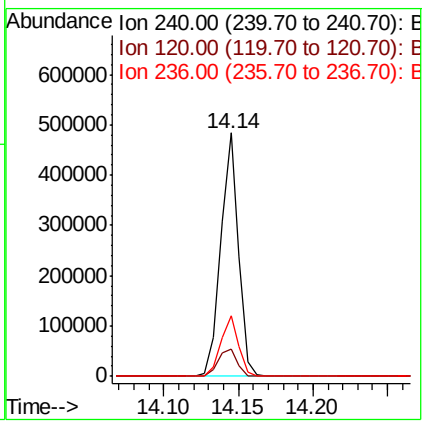


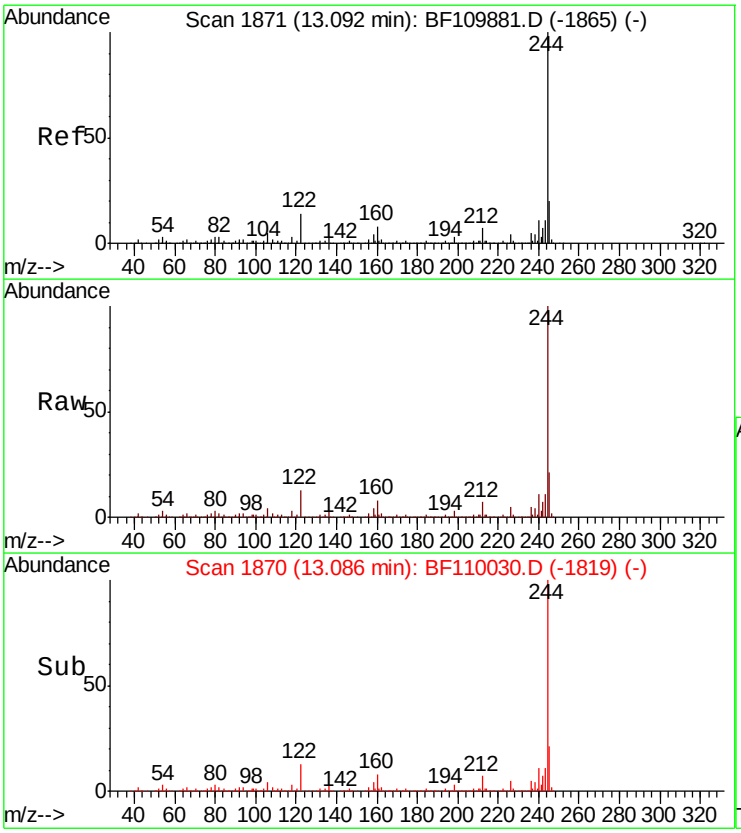
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF110030.D
Acq: 20 Oct 2018 4:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 406400

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.3	12.5
236	25.1	21.2	31.8

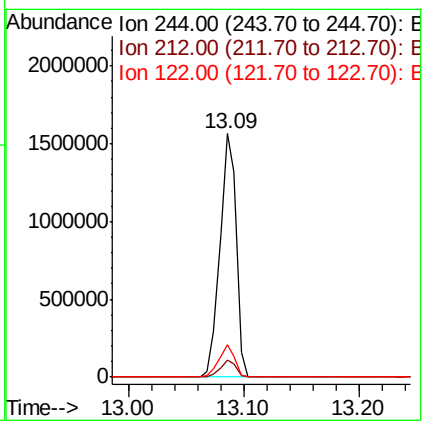


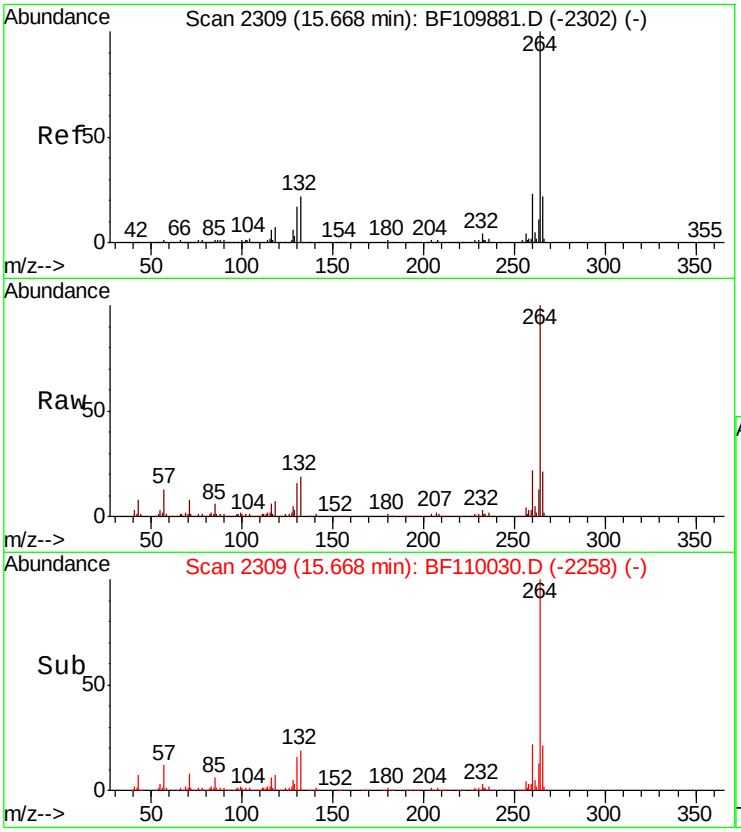


#79
Terphenyl-d14
Concen: 78.492 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BF110030.D
Acq: 20 Oct 2018 4:41

Tgt Ion:244 Resp: 1519055

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	13.5	8.7	13.1#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BF110030.D
Acq: 20 Oct 2018 4:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 340206

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.7	28.1
265	21.3	16.7	25.1